

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK                                       | UNIT     |
|----------------|--|----------|
| 10701          | TRAFFIC CONTROL                                    | LUMP SUM |
| 10702          | TRAFFIC CONTROL FOR STORM SEWER INSTALLATION       | LUMP SUM |
| 10703          | TRAFFIC CONTROL FOR WATER MAIN INSTALLATION        | LUMP SUM |
| 10704          | TRAFFIC CONTROL FOR SANITARY SEWER INSTALLATION    | LUMP SUM |
| 10711          | TYPE III BARRICADE                                 | EACH     |
| 10720          | TRAFFIC CONTROL SIGN - PORTABLE ARROW BOARD        | DAYS     |
| 10721          | TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE | DAYS     |
| 10725          | ALTERNATE BUSINESS ACCESS SIGN                     | DAYS     |
| 10750          | RESET MONUMENT                                     | EACH     |
| 10790          | RAILROAD INSURANCE                                 | LUMP SUM |
| 10801          | ROOT CUTTING – CURB & GUTTER                       | L.F.     |
| 10802          | ROOT CUTTING – SIDEWALK                            | L.F.     |
| 10901          | FIELD OFFICE                                       | LUMP SUM |
| 10911          | MOBILIZATION                                       | LUMP SUM |
| 10912          | MOBILIZATION FOR STORM SEWER INSTALLATION          | LUMP SUM |
| 10913          | MOBILIZATION FOR WATER MAIN INSTALLATION           | LUMP SUM |
| 10914          | MOBILIZATION FOR SANITARY SEWER INSTALLATION       | LUMP SUM |
| 20101          | EXCAVATION CUT                                     | C.Y.     |
| 20102          | ROCK EXCAVATION                                    | C.Y.     |
| 20109          | FINISH GRADING                                     | LUMP SUM |
| 20130          | UNDERDRAIN   | L.F.     |
| 20140          | GEOTEXTILE FABRIC TYPE SAS NON WOVEN               | S.Y.     |
| 20201          | FILL BORROW  | TON      |
| 20202          | FILL BORROW  | C.Y.     |
| 20204          | SELECT FILL  | TON      |
| 20205          | SELECT FILL  | C.Y.     |
| 20207          | SELECT FILL SAND                                   | TON      |
| 20208          | SELECT FILL SAND                                   | C.Y.     |
| 20210          | SELECT FILL GRAVEL                                 | TON      |
| 20211          | SELECT FILL GRAVEL                                 | C.Y.     |
| 20214          | SELECT FILL CRUSHED STONE                          | TON      |
| 20215          | SELECT FILL CRUSHED CONCRETE                       | TON      |
| 20216          | SALVABLE CRUSHED STONE                             | TON      |
| 20217          | CLEAR STONE  | TON      |
| 20218          | CRUSHED STONE                                      | TON      |
| 20219          | BREAKER RUN  | TON      |
| 20221          | TOPSOIL  | S.Y.     |
| 20225          | LIGHT RIPRAP                                       | C.Y.     |
| 20226          | LIGHT RIPRAP                                       | TON      |
| 20227          | MEDIUM RIPRAP                                      | C.Y.     |
| 20228          | MEDIUM RIPRAP                                      | TON      |
| 20229          | HEAVY RIPRAP                                       | C.Y.     |
| 20230          | HEAVY RIPRAP                                       | TON      |
| 20231          | EXTRA HEAVY RIPRAP                                 | C.Y.     |
| 20232          | EXTRA HEAVY RIPRAP                                 | TON      |
| 20233          | RIPRAP FILTER FABRIC, TYPE HR                      | S.Y.     |
| 20301          | SAWCUT CONCRETE PAVEMENT, FULL DEPTH               | L.F.     |

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|----------------|--|----------|
| 20302          | SAWCUT CONCRETE FULL DEPTH                                   | L.F.     |
| 20303          | SAWCUT BITUMINOUS PAVEMENT                                   | L.F.     |
| 20311          | REMOVE SEWER ACCESS STRUCTURE                                | EACH     |
| 20312          | REMOVE CATCHBASIN  | EACH     |
| 20313          | REMOVE INLET   | EACH     |
| 20314          | REMOVE PIPE  | L.F.     |
| 20321          | REMOVE CONCRETE PAVEMENT                                     | S.Y.     |
| 20322          | REMOVE CONCRETE CURB & GUTTER                                | L.F.     |
| 20323          | REMOVE CONCRETE SIDEWALK & DRIVE                             | S.F.     |
| 20324          | REMOVE CONCRETE STEPS  | S.F.     |
| 20325          | REMOVE GUARD RAIL  | L.F.     |
| 20326          | REMOVE FENCE   | L.F.     |
| 20327          | REMOVE TREE GRATE  | EACH     |
| 20331          | ABANDON SEWER ACCESS STRUCTURE                               | EACH     |
| 20332          | ABANDON CATCHBASIN   | EACH     |
| 20333          | ABANDON INLET  | EACH     |
| 20335          | ABANDON SEWER PIPE WITH SLURRY                               | C.Y.     |
| 20336          | PIPE PLUG  | EACH     |
| 20401          | CLEARING   | I.D.     |
| 20402          | CLEARING   | STA.     |
| 20403          | GRUBBING   | I.D.     |
| 20404          | GRUBBING   | STA.     |
| 20501          | ADJUST SEWER ACCESS STRUCTURE                                | EACH     |
| 20502          | ADJUST CATCHBASIN  | EACH     |
| 20503          | ADJUST INLET   | EACH     |
| 20504          | ADJUST VALVE CASTING   | EACH     |
| 20505          | ADJUST MONUMENT  | EACH     |
| 20506          | ADJUST SEWER ACCESS STRUCTURE CASTING                        | EACH     |
| 20601          | OBLITERATE STREET  | STA.     |
| 20701          | TERRACE SEEDING  | S.Y.     |
| 20703          | TEMPORARY SEEDING  | S.Y.     |
| 20704          | INFILTRATION SEEDING   | S.Y.     |
| 20705          | DETENTION BASIN SEEDING                                      | S.Y.     |
| 20706          | TALL GRASS PRAIRIE SEEDING                                   | S.Y.     |
| 20711          | TRENCH RESTORATION 4 INCH TOPSOIL, SEED, FERTILIZE AND MULCH | T.F.     |
| 20801          | SODDING  | S.Y.     |
| 21001          | EROSION CONTROL PLAN & IMPLEMENTATION                        | LUMP SUM |
| 21002          | EROSION CONTROL INSPECTION                                   | EACH     |
| 21011          | CONSTRUCTION ENTRANCE  | EACH     |
| 21012          | STREET CONSTRUCTION ENTRANCE BERM                            | EACH     |
| 21013          | STREET SWEEPING  | LUMP SUM |
| 21014          | CLEAR STONE BERM (DITCH CHECK)                               | EACH     |
| 21015          | STREET CONSTRUCTION STONE BERM                               | EACH     |
| 21017          | SILT SOCK (8 INCH) - COMPLETE                                | LF       |
| 21018          | SILT SOCK (8 INCH) - PROVIDE, INSTALL & MAINTAIN             | LF       |
| 21019          | SILT SOCK (8 INCH) - REMOVE & RESTORE                        | LF       |
| 21021          | SILT FENCE - COMPLETE  | L.F.     |
| 21022          | SILT FENCE - PROVIDE, INSTALL & MAINTAIN                     | L.F.     |
| 21023          | SILT FENCE - REMOVE & RESTORE                                | L.F.     |
| 21024          | SILT SOCK (12 INCH) - COMPLETE                               | L.F.     |

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| ITEM<br>NUMBER | TYPE OF WORK  | UNIT |
|----------------|---|------|
| 21025          | SILT SOCK (12 INCH) - PROVIDE, INSTALL & MAINTAIN     | L.F. |
| 21026          | SILT SOCK (12 INCH) - REMOVE & RESTORE                | L.F. |
| 21027          | EROSION BALES - COMPLETE                              | L.F. |
| 21028          | EROSION BALES - PROVIDE, INSTALL & MAINTAIN           | L.F. |
| 21029          | EROSION BALES - REMOVE & RESTORE                      | L.F. |
| 21031          | INLET PROTECTION, TYPE C - COMPLETE                   | EACH |
| 21032          | INLET PROTECTION, TYPE C - PROVIDE & INSTALL          | EACH |
| 21033          | INLET PROTECTION, TYPE C - MAINTAIN                   | EACH |
| 21034          | INLET PROTECTION, TYPE C - REMOVE                     | EACH |
| 21035          | INLET PROTECTION, TYPE C MODIFIED - COMPLETE          | EACH |
| 21036          | INLET PROTECTION, TYPE C MODIFIED - PROVIDE & INSTALL | EACH |
| 21037          | INLET PROTECTION, TYPE C MODIFIED - MAINTAIN          | EACH |
| 21038          | INLET PROTECTION, TYPE C MODIFIED - REMOVE            | EACH |
| 21041          | INLET PROTECTION, TYPE D - COMPLETE                   | EACH |
| 21042          | INLET PROTECTION, TYPE D - PROVIDE & INSTALL          | EACH |
| 21043          | INLET PROTECTION, TYPE D - MAINTAIN                   | EACH |
| 21044          | INLET PROTECTION, TYPE D - REMOVE                     | EACH |
| 21045          | INLET PROTECTION, TYPE D MODIFIED - COMPLETE          | EACH |
| 21046          | INLET PROTECTION, TYPE D MODIFIED - PROVIDE & INSTALL | EACH |
| 21047          | INLET PROTECTION, TYPE D MODIFIED - MAINTAIN          | EACH |
| 21048          | INLET PROTECTION, TYPE D MODIFIED - REMOVE            | EACH |
| 21051          | CLEAN SUMP  | EACH |
| 21052          | POLYMER STABILIZATION                                 | S.Y. |
| 21055          | INLET PROTECTION, TYPE D HYBRID - COMPLETE            | EACH |
| 21056          | INLET PROTECTION, TYPE D HYBRID - PROVIDE & INSTALL   | EACH |
| 21057          | INLET PROTECTION, TYPE D HYBRID - MAINTAIN            | EACH |
| 21058          | INLET PROTECTION, TYPE D HYBRID - REMOVE              | EACH |
| 21061          | EROSION MATTING, CLASS I, URBAN TYPE A                | S.Y. |
| 21062          | EROSION MATTING, CLASS I, URBAN TYPE B                | S.Y. |
| 21063          | EROSION MATTING, CLASS I, TYPE A                      | S.Y. |
| 21064          | EROSION MATTING, CLASS I, TYPE B                      | S.Y. |
| 21071          | EROSION MATTING, CLASS II, TYPE A                     | S.Y. |
| 21072          | EROSION MATTING, CLASS II, TYPE B                     | S.Y. |
| 21073          | EROSION MATTING, CLASS II, TYPE C                     | S.Y. |
| 21081          | EROSION MATTING, CLASS III, TYPE A                    | S.Y. |
| 21082          | EROSION MATTING, CLASS III, TYPE B                    | S.Y. |
| 21083          | EROSION MATTING, CLASS III, TYPE C                    | S.Y. |
| 21084          | EROSION MATTING, CLASS III, TYPE D                    | S.Y. |
| 21091          | TERRACE RESTORATION                                   | T.F. |
| 21092          | TERRACE RESTORATION                                   | S.Y. |
| 21101          | REMOVE AND REPLACE MAILBOX                            | EACH |
| 30101          | #4 EPOXY COATED PAVEMENT TIE                          | EACH |
| 30102          | #5 EPOXY COATED PAVEMENT TIE                          | EACH |
| 30103          | #6 EPOXY COATED PAVEMENT TIE                          | EACH |
| 30104          | #7 EPOXY COATED PAVEMENT TIE                          | EACH |
| 30105          | #8 EPOXY COATED PAVEMENT TIE                          | EACH |
| 30106          | #9 EPOXY COATED PAVEMENT TIE                          | EACH |
| 30107          | #10 EPOXY COATED PAVEMENT TIE                         | EACH |
| 30108          | #11 EPOXY COATED PAVEMENT TIE                         | EACH |
| 30109          | #12 EPOXY COATED PAVEMENT TIE                         | EACH |
| 30111          | 1 INCH EPOXY COATED DOWEL BAR                         | EACH |
| 30112          | 1 1/8 INCH EPOXY COATED DOWEL BAR                     | EACH |
| 30113          | 1 1/4 INCH EPOXY COATED DOWEL BAR                     | EACH |
| 30114          | 1 3/8 INCH EPOXY COATED DOWEL BAR                     | EACH |
| 30115          | 1 1/2 INCH EPOXY COATED DOWEL BAR                     | EACH |

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| ITEM<br>NUMBER | TYPE OF WORK   | UNIT      |
|----------------|--|-----------|
| 30121          | EPOXY COATED BAR STEEL REINFORCING   | LBS.      |
| 30122          | EPOXY COATED BAR STEEL REINFORCING   | L.F.      |
| 30131          | COLD WEATHER PROTECTION OF CONCRETE SIDEWALK & DRIVE (POLYETHYLENE)                | L.F.      |
| 30132          | COLD WEATHER PROTECTION OF CONCRETE CURB & GUTTER (POLYETHYLENE)                   | L.F.      |
| 30133          | COLD WEATHER PROTECTION OF CONCRETE SIDEWALK & DRIVE (STRAW)                       | L.F.      |
| 30134          | COLD WEATHER PROTECTION OF CONCRETE CURB & GUTTER (STRAW)                          | L.F.      |
| 30141          | TYPE A SLURRY  | C.Y.      |
| 30142          | TYPE B SLURRY  | C.Y.      |
| 30201          | TYPE "A" CONCRETE CURB & GUTTER  | L.F.      |
| 30202          | TYPE "B" CONCRETE CURB & GUTTER  | L.F.      |
| 30203          | TYPE "X" CONCRETE CURB & GUTTER  | L.F.      |
| 30204          | TYPE "D" CONCRETE CURB & GUTTER  | L.F.      |
| 30205          | TYPE "E" CONCRETE CURB & GUTTER  | L.F.      |
| 30206          | TYPE "G" CONCRETE CURB & GUTTER  | L.F.      |
| 30207          | TYPE "H" CONCRETE CURB & GUTTER  | L.F.      |
| 30208          | HAND FORMED CONCRETE CURB & GUTTER (TREE LOCATIONS)                                | L.F.      |
| 30209          | SPECIAL WATERWAY   | S.F.      |
| 30210          | ALLEY GUTTER   | L.F.      |
| 30301          | 5 INCH CONCRETE SIDEWALK   | S.F.      |
| 30302          | 7 INCH CONCRETE SIDEWALK & DRIVE   | S.F.      |
| 30303          | COMMERCIAL DRIVE OPENING   | EACH      |
| 30311          | CONCRETE MOUNTABLE MEDIAN ISLAND NOSE  | S.F.      |
| 30313          | CONCRETE STEPS   | S.F.      |
| 30330          | PROFILE SAWCUT   | L.F.      |
| 30340          | CURB RAMP DETECTABLE WARNING FIELDS  | S.F.      |
| 30341          | TREE GRATE 4' X 6' (INCLUDING FRAME)   | EACH      |
| 30342          | TREE GRATE 4' X 8' (INCLUDING FRAME)   | EACH      |
| 30343          | TREE GRATE 5' X 5' (INCLUDING FRAME)   | EACH      |
| 30344          | TREE GRATE 4' X 12' (INCLUDING FRAME)  | EACH      |
| 30345          | TREE GRATE 5' DIAMETER CIRCLE (INCLUDING FRAME)                                    | EACH      |
| 30450          | CONCRETE RETAINING WALL  | S.F.      |
| 30451          | BOULDER RETAINING WALL   | S.F.      |
| 30452          | TIMBER RETAINING WALL  | S.F.      |
| 30453          | SPLIT BLOCK RETAINING WALL   | S.F.      |
| 30454          | LANNON STONE RETAINING WALL  | S.F.      |
| 30501          | REMOVE AND REPLACE 5 INCH CONCRETE SIDEWALK – SIDEWALK REPLACEMENT PROGRAM         | S.F.      |
| 30502          | REMOVE AND REPLACE 7 INCH CONCRETE SIDEWALK & DRIVE – SIDEWALK REPLACEMENT PROGRAM | S.F.      |
| 30503          | REMOVE AND REPLACE CONCRETE STEPS – SIDEWALK REPLACEMENT PROGRAM                   | S.F.      |
| 30504          | REMOVE EXISTING ASPHALT SIDEWALK AND DRIVEWAY - SIDEWALK REPLACEMENT PROGRAM       | S.F.      |
| 30505          | REMOVE AND REPLACE CONCRETE CURB & GUTTER - SIDEWALK REPLACEMENT PROGRAM           | L.F.      |
| 30506          | RESET BRICK PAVERS - SIDEWALK REPLACEMENT PROGRAM                                  | S.F.      |
| 30601          | HORIZONTAL SAWCUT CONCRETE SIDEWALKS, DRIVEWAYS, TRAFFIC ISLANDS & STEPS           | Inch-Feet |
| 40101          | CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 1                                     | TON       |
| 40102          | CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 2 OR NO. 3                            | TON       |
| 40103          | CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 4                                     | TON       |

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| ITEM<br>NUMBER | TYPE OF WORK  | UNIT |
|----------------|---|------|
| 40104          | CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 5 (BREAKER RUN)  | TON  |
| 40201          | HMA PAVEMENT TYPE E-0.3   | TON  |
| 40202          | HMA PAVEMENT TYPE E-1   | TON  |
| 40203          | HMA PAVEMENT TYPE E-3   | TON  |
| 40204          | HMA PAVEMENT TYPE E-10  | TON  |
| 40205          | HMA PAVEMENT TYPE SMA   | TON  |
| 40211          | TACK COAT   | GAL. |
| 40212          | SEAL COAT   | GAL. |
| 40221          | MACHINE LAID ASPHALT CURB   | L.F. |
| 40231          | ASPHALT DRIVE & TERRACE   | S.Y. |
| 40232          | ASPHALT DRIVE & TERRACE   | TON  |
| 40235          | ASPHALT WALK & BIKEPATH   | S.Y. |
| 40236          | ASPHALT WALK & BIKEPATH   | TON  |
| 40251          | ASPHALT MATERIAL FOR CURB FRONT FILL  | L.F. |
| 40301          | FULL WIDTH GRINDING   | S.Y. |
| 40302          | PAVEMENT JOINT GRINDING   | L.F. |
| 40303          | WEDGE CUT GRINDING ASPHALT  | S.Y. |
| 40304          | WEDGE CUT GRINDING CONCRETE   | SY   |
| 40308          | RAMPING SAS   | EACH |
| 40311          | PULVERIZE AND SHAPE   | S.Y. |
| 40321          | UNDERCUT  | S.Y. |
| 40331          | BASE PATCH GRINDING, METHOD 1   | S.Y. |
| 40332          | BASE PATCH GRINDING, METHOD 2   | S.Y. |
| 40333          | BASE PATCH GRINDING, METHOD 3   | S.Y. |
| 40334          | BASE PATCH GRINDING, METHOD 4   | S.Y. |
| 40351          | ASPHALT BASE PATCHING, 3-1/2 INCH   | S.Y. |
| 40352          | ASPHALT BASE PATCHING, 5 - 8 INCH   | S.Y. |
| 40353          | ASPHALT BASE PATCHING, 8 - 10 INCH  | S.Y. |
| 40534          | ASPHALT BASE PATCHING, OVER 10 INCHES   | S.Y. |
| 40361          | SAS ADJUSTING RING  | EACH |
| 40362          | ADJUST ACCESS STRUCTURE CASTING - RESURFACING   | EACH |
| 40363          | ADJUST CATCHBASIN CASTING - RESURFACING   | EACH |
| 40364          | ADJUST INLET CASTING, TYPE "H" - RESURFACING  | EACH |
| 40365          | ADJUST INLET CASTING, "TUB" TYPE - RESURFACING  | EACH |
| 40366          | REBUILD INLET - RESURFACING   | EACH |
| 40367          | ADJUST VALVE CASTING, METHOD #1 - RESURFACING   | EACH |
| 40368          | ADJUST VALVE CASTING, METHOD #2 - RESURFACING   | EACH |
| 40369          | INSTALL ADJUSTABLE VALVE BOX RISER  | EACH |
| 40370          | ADJUST MONUMENT CASTING - RESURFACING   | EACH |
| 40371          | REBUILD ACCESS STRUCTURE TOP - RESURFACING  | EACH |
| 40381          | REMOVE AND REPLACE CONCRETE CURB & GUTTER, MACHINE PLACED MORE THAN 100 CONTINUOUS FEET - RESURFACING | LF   |
| 40382          | REMOVE AND REPLACE CONCRETE CURB & GUTTER, HAND PLACED - RESURFACING                                  | L.F. |
| 40383          | REMOVE AND REPLACE CONCRETE CURB & GUTTER, MACHINE PLACED, TYPE 'D' OR 'G' - RESURFACING              | L.F. |
| 40391          | REMOVE AND REPLACE 5 INCH CONCRETE SIDEWALK - RESURFACING   | S.F. |
| 40392          | REMOVE AND REPLACE 7 INCH CONCRETE SIDEWALK AND DRIVE - RESURFACING                                   | S.F. |
| 40393          | CRUSHED STONE BASE COURSE - RESURFACING   | TON  |
| 40394          | REMOVE ASPHALT SURFACE - RESURFACING  | S.Y. |
| 40395          | REMOVE CONCRETE UTILITY PATCH   | L.F. |
| 40401          | 8 INCH CONCRETE PAVEMENT  | S.Y. |
| 40402          | 9 INCH CONCRETE PAVEMENT  | S.Y. |
| 40403          | 10 INCH CONCRETE PAVEMENT   | S.Y. |

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| ITEM<br>NUMBER | TYPE OF WORK                             | UNIT     |
|----------------|--|----------|
| 40404          | 11 INCH CONCRETE PAVEMENT                | S.Y.     |
| 40405          | 12 INCH CONCRETE PAVEMENT                | S.Y.     |
| 40410          | CONCRETE SPEED HUMP                      | S.Y.     |
| 40411          | CONCRETE PAVEMENT RECONSTRUCTION         | S.Y.     |
| 40501          | INFRARED SEAMLESS PATCHING               | S.F.     |
| 40601          | PAVEMENT CRACK SEALING                   | L.S.     |
| 40602          | PAVEMENT CRACK SEALING                   | L.F.     |
| 40701          | SPRAY PATCHING                           | S.F.     |
| 50101          | RCBC ROOF REPAIR, TYPE I                 | EACH     |
| 50102          | RCBC ROOF REPAIR, TYPE II                | EACH     |
| 50103          | RECONSTRUCT BENCH AND FLOWLINE(S)        | EACH     |
| 50201          | ROCK EXCAVATION                          | C.Y.     |
| 50202          | TYPE II DEWATERING                       | LUMP SUM |
| 50211          | SELECT BACKFILL FOR STORM SEWER          | T.F.     |
| 50212          | SELECT BACKFILL FOR SANITARY SEWER       | T.F.     |
| 50213          | ADDITIONAL FILL                          | C.Y.     |
| 50221          | UTILITY TRENCH PATCH TYPE I              | T.F.     |
| 50222          | UTILITY TRENCH PATCH TYPE I              | S.Y.     |
| 50223          | UTILITY TRENCH PATCH TYPE II             | T.F.     |
| 50224          | UTILITY TRENCH PATCH TYPE II             | S.Y.     |
| 50225          | UTILITY TRENCH PATCH TYPE III            | T.F.     |
| 50226          | UTILITY TRENCH PATCH TYPE III            | S.Y.     |
| 50227          | UTILITY TRENCH PATCH TYPE IV             | T.F.     |
| 50228          | UTILITY TRENCH PATCH TYPE IV             | S.Y.     |
| 50229          | UTILITY TRENCH PATCH TEMPORARY           | T.F.     |
| 50230          | UTILITY TRENCH PATCH TEMPORARY           | S.Y.     |
| 50301          | 8 INCH PVC SANITARY SEWER PIPE           | L.F.     |
| 50302          | 10 INCH PVC SANITARY SEWER PIPE          | L.F.     |
| 50303          | 12 INCH PVC SANITARY SEWER PIPE          | L.F.     |
| 50304          | 15 INCH PVC SANITARY SEWER PIPE          | L.F.     |
| 50305          | 18 INCH PVC SANITARY SEWER PIPE          | L.F.     |
| 50306          | 21 INCH PVC SANITARY SEWER PIPE          | L.F.     |
| 50307          | 24 INCH PVC SANITARY SEWER PIPE          | L.F.     |
| 50311          | 8 INCH CW PVC SANITARY SEWER PIPE        | L.F.     |
| 50312          | 10 INCH CW PVC SANITARY SEWER PIPE       | L.F.     |
| 50313          | 12 INCH CW PVC SANITARY SEWER PIPE       | L.F.     |
| 50314          | 15 INCH CW PVC SANITARY SEWER PIPE       | L.F.     |
| 50315          | 18 INCH CW PVC SANITARY SEWER PIPE       | L.F.     |
| 50316          | 21 INCH CW PVC SANITARY SEWER PIPE       | L.F.     |
| 50317          | 24 INCH CW PVC SANITARY SEWER PIPE       | L.F.     |
| 50321          | 8 INCH PVC PRESSURE SANITARY SEWER PIPE  | L.F.     |
| 50322          | 10 INCH PVC PRESSURE SANITARY SEWER PIPE | L.F.     |
| 50323          | 12 INCH PVC PRESSURE SANITARY SEWER PIPE | L.F.     |
| 50324          | 15 INCH PVC PRESSURE SANITARY SEWER PIPE | L.F.     |
| 50325          | 18 INCH PVC PRESSURE SANITARY SEWER PIPE | L.F.     |
| 50326          | 21 INCH PVC PRESSURE SANITARY SEWER PIPE | L.F.     |
| 50327          | 24 INCH PVC PRESSURE SANITARY SEWER PIPE | L.F.     |
| 50331          | 8 INCH RCP SANITARY SEWER PIPE           | L.F.     |
| 50332          | 10 INCH RCP SANITARY SEWER PIPE          | L.F.     |
| 50333          | 12 INCH RCP SANITARY SEWER PIPE          | L.F.     |
| 50334          | 15 INCH RCP SANITARY SEWER PIPE          | L.F.     |
| 50335          | 18 INCH RCP SANITARY SEWER PIPE          | L.F.     |
| 50336          | 21 INCH RCP SANITARY SEWER PIPE          | L.F.     |

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|----------------|---|----------|
| 50337          | 24 INCH RCP SANITARY SEWER PIPE   | L.F.     |
| 50351          | 4 INCH SANITARY SEWER LATERAL   | L.F.     |
| 50352          | 6 INCH SANITARY SEWER LATERAL   | L.F.     |
| 50353          | SANITARY SEWER LATERAL  | L.F.     |
| 50354          | RECONNECT   | EACH     |
| 50355          | SANITARY SEWER RISER  | V.F.     |
| 50357          | COMPRESSION COUPLING  | EACH     |
| 50361          | WASTEWATER CONTROL  | LUMP SUM |
| 50362          | 12 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50363          | 15 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50364          | 18 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50365          | 21 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50366          | 24 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50367          | 30 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50368          | 36 INCH CWPP SANITARY SEWER PIPE  | L.F.     |
| 50370          | TRACER WIRE AND BOX   | L.F.     |
| 50390          | SEWER ELECTRONIC MARKERS  | EACH     |
| 50401          | 12 INCH STORM SEWER PIPE  | L.F.     |
| 50402          | 15 INCH STORM SEWER PIPE  | L.F.     |
| 50411          | 12 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50412          | 15 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50413          | 18 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50414          | 21 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50415          | 24 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50416          | 27 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50417          | 30 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50418          | 36 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50419          | 42 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50420          | 48 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50421          | 54 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50422          | 60 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50423          | 66 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50424          | 72 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50425          | 78 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50426          | 84 INCH RCP STORM SEWER PIPE  | L.F.     |
| 50431          | 14 INCH X 23 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50432          | 19 INCH X 30 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50433          | 24 INCH X 38 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50434          | 29 INCH X 45 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50435          | 34 INCH X 53 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50436          | 38 INCH X 60 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50437          | 43 INCH X 68 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50438          | 48 INCH X 76 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50439          | 53 INCH X 83 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50440          | 58 INCH X 91 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50441          | 63 INCH X 98 INCH HERCP STORM SEWER PIPE                                      | L.F.     |
| 50442          | 68 INCH X 106 INCH HERCP STORM SEWER PIPE                                     | L.F.     |
| 50443          | 72 INCH X 113 INCH HERCP STORM SEWER PIPE                                     | L.F.     |
| 50444          | 77 INCH X 123 INCH HERCP STORM SEWER PIPE                                     | L.F.     |
| 50451          | <i>RESERVED FOR STORM SEWER WYES, TEES, ANGLES, OR OTHER PRECAST SECTIONS</i> | EACH     |
| 50461          | 12 INCH RCP AE  | EACH     |
| 50462          | 15 INCH RCP AE  | EACH     |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK                              | UNIT |
|----------------|---|------|
| 50463          | 18 INCH RCP AE                            | EACH |
| 50464          | 21 INCH RCP AE                            | EACH |
| 50465          | 24 INCH RCP AE                            | EACH |
| 50466          | 27 INCH RCP AE                            | EACH |
| 50467          | 30 INCH RCP AE                            | EACH |
| 50468          | 36 INCH RCP AE                            | EACH |
| 50469          | 42 INCH RCP AE                            | EACH |
| 50470          | 48 INCH RCP AE                            | EACH |
| 50471          | 54 INCH RCP AE                            | EACH |
| 50472          | 60 INCH RCP AE                            | EACH |
| 50473          | 66 INCH RCP AE                            | EACH |
| 50474          | 72 INCH RCP AE                            | EACH |
| 50475          | 78 INCH RCP AE                            | EACH |
| 50476          | 84 INCH RCP AE                            | EACH |
| 50481          | 14 INCH X 23 INCH HERCP AE                | EACH |
| 50482          | 19 INCH X 30 INCH HERCP AE                | EACH |
| 50483          | 24 INCH X 38 INCH HERCP AE                | EACH |
| 50484          | 29 INCH X 45 INCH HERCP AE                | EACH |
| 50485          | 34 INCH X 53 INCH HERCP AE                | EACH |
| 50486          | 38 INCH X 60 INCH HERCP AE                | EACH |
| 50487          | 43 INCH X 68 INCH HERCP AE                | EACH |
| 50488          | 48 INCH X 76 INCH HERCP AE                | EACH |
| 50489          | 53 INCH X 83 INCH HERCP AE                | EACH |
| 50490          | 58 INCH X 91 INCH HERCP AE                | EACH |
| 50491          | 63 INCH X 98 INCH HERCP AE                | EACH |
| 50492          | 68 INCH X 106 INCH HERCP AE               | EACH |
| 50493          | 72 INCH X 113 INCH HERCP AE               | EACH |
| 50494          | 77 INCH X 123 INCH HERCP AE               | EACH |
| 50498          | JOINT TIES                                | EACH |
| 50499          | CONCRETE COLLAR                           | EACH |
| 50501          | <i>RESERVED FOR BOX CULVERTS</i>          | L.F. |
| 50511          | <i>RESERVED FOR BOX CULVERT WINGWALLS</i> | EACH |
| 50601          | 12 INCH RCP AE GATE                       | EACH |
| 50602          | 15 INCH RCP AE GATE                       | EACH |
| 50603          | 18 INCH RCP AE GATE                       | EACH |
| 50604          | 21 INCH RCP AE GATE                       | EACH |
| 50605          | 24 INCH RCP AE GATE                       | EACH |
| 50606          | 27 INCH RCP AE GATE                       | EACH |
| 50607          | 30 INCH RCP AE GATE                       | EACH |
| 50608          | 36 INCH RCP AE GATE                       | EACH |
| 50609          | 42 INCH RCP AE GATE                       | EACH |
| 50610          | 48 INCH RCP AE GATE                       | EACH |
| 50611          | 54 INCH RCP AE GATE                       | EACH |
| 50612          | 60 INCH RCP AE GATE                       | EACH |
| 50613          | 66 INCH RCP AE GATE                       | EACH |
| 50614          | 72 INCH RCP AE GATE                       | EACH |
| 50615          | 78 INCH RCP AE GATE                       | EACH |
| 50616          | 84 INCH RCP AE GATE                       | EACH |
| 50621          | 14 INCH X 23 INCH HERCP AE GATE           | EACH |
| 50622          | 19 INCH X 30 INCH HERCP AE GATE           | EACH |
| 50623          | 24 INCH X 38 INCH HERCP AE GATE           | EACH |
| 50624          | 29 INCH X 45 INCH HERCP AE GATE           | EACH |
| 50625          | 34 INCH X 53 INCH HERCP AE GATE           | EACH |
| 50626          | 38 INCH X 60 INCH HERCP AE GATE           | EACH |
| 50627          | 43 INCH X 68 INCH HERCP AE GATE           | EACH |



## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK   | UNIT |
|----------------|--|------|
| 50628          | 48 INCH X 76 INCH HERCP AE GATE  | EACH |
| 50629          | 53 INCH X 83 INCH HERCP AE GATE  | EACH |
| 50630          | 58 INCH X 91 INCH HERCP AE GATE  | EACH |
| 50631          | 63 INCH X 98 INCH HERCP AE GATE  | EACH |
| 50632          | 68 INCH X 106 INCH HERCP AE GATE   | EACH |
| 50633          | 72 INCH X 113 INCH HERCP AE GATE   | EACH |
| 50634          | 77 INCH X 123 INCH HERCP AE GATE   | EACH |
| 50641          | <i>RESERVED FOR BOX CULVERT INLET GATES</i>                                    | EACH |
| 50651          | <i>RESERVED FOR BOX CULVERT OUTLET GATES</i>                                   | EACH |
| 50701          | 4' DIA. SANITARY SAS   | EACH |
| 50702          | 5' DIA. SANITARY SAS   | EACH |
| 50711          | 4' DIA. SANITARY SAS WITH SALVAGED CASTING                                     | EACH |
| 50712          | 5' DIA. SANITARY SAS WITH SALVAGED CASTING                                     | EACH |
| 50721          | 3'X3' CATCHBASIN   | EACH |
| 50722          | 6'X6' CATCHBASIN   | EACH |
| 50723          | 3'X3' STORM SAS  | EACH |
| 50724          | 4'X4' STORM SAS  | EACH |
| 50725          | 5'X5' STORM SAS  | EACH |
| 50726          | 6'X6' STORM SAS  | EACH |
| 50727          | SADDLED STORM  | EACH |
| 50731          | 3'X3' CATCHBASIN WITH SALVAGED CASTING   | EACH |
| 50732          | 6'X6' CATCHBASIN WITH SALVAGED CASTING   | EACH |
| 50733          | 3'X3' STORM SAS WITH SALVAGED CASTING  | EACH |
| 50734          | 4'X4' STORM SAS WITH SALVAGED CASTING  | EACH |
| 50735          | 5'X5' STORM SAS WITH SALVAGED CASTING  | EACH |
| 50736          | 6'X6' STORM SAS WITH SALVAGED CASTING  | EACH |
| 50741          | TYPE "H" INLET   | EACH |
| 50742          | TYPE "S" INLET   | EACH |
| 50751          | TYPE "H" INLET WITH SALVAGED CASTING   | EACH |
| 50752          | TYPE "S" INLET WITH SALVAGED CASTING   | EACH |
| 50761          | SADDLED INLET TYPE I   | EACH |
| 50762          | SADDLED INLET TYPE II  | EACH |
| 50763          | TERRACE INLET  | EACH |
| 50764          | CURB OUTLET STRUCTURE  | EACH |
| 50765          | DITCH INLET STRUCTURE  | EACH |
| 50771          | INTERNAL CHIMNEY SEAL  | EACH |
| 50780          | CLEANOUT   | EACH |
| 50781          | 8 INCH SANITARY SEWER OUTSIDE DROP   | V.F  |
| 50782          | 10 INCH SANITARY SEWER OUTSIDE DROP  | V.F  |
| 50783          | INSIDE DROP  | V.F  |
| 50791          | SANITARY SEWER TAP   | EACH |
| 50792          | STORM SEWER TAP  | EACH |
| 50801          | UTILITY LINE OPENING (ULO)   | EACH |
| 50802          | CONCRETE SUPPORTS  | EACH |
| 50803          | REINFORCED CONCRETE BEAM SUPPORT   | EACH |
| 50901          | FURNISH AND INSTALL CIPP TO REHABILITATE 6-INCH DIAMETER SANITARY SEWER MAINS  | L.F. |
| 50902          | FURNISH AND INSTALL CIPP TO REHABILITATE 8-INCH DIAMETER SANITARY SEWER MAINS  | L.F. |
| 50903          | FURNISH AND INSTALL CIPP TO REHABILITATE 10-INCH DIAMETER SANITARY SEWER MAINS | L.F. |
| 50904          | FURNISH AND INSTALL CIPP TO REHABILITATE 12-INCH DIAMETER SANITARY SEWER MAINS | L.F. |
| 50905          | FURNISH AND INSTALL CIPP TO REHABILITATE 15-INCH DIAMETER SANITARY SEWER MAINS | L.F. |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK  | UNIT |
|----------------|---|------|
| 50906          | FURNISH AND INSTALL CIPP TO REHABILITATE 18-INCH DIAMETER SANITARY SEWER MAINS    | L.F. |
| 50907          | FURNISH AND INSTALL CIPP TO REHABILITATE 21-INCH DIAMETER SANITARY SEWER MAINS    | L.F. |
| 50908          | FURNISH AND INSTALL CIPP TO REHABILITATE 24-INCH DIAMETER SANITARY SEWER MAINS    | L.F. |
| 50909          | REINSTATE AND RECONNECT SERVICE OPENINGS  | EACH |
| 50910          | CHEMICAL GROUT SEALING OF SANITARY SEWER SERVICE                                  | EACH |
| 51001          | STORM SEWER CLEANING AND TELEVISIONING  | L.F. |
| 60201          | FURNISH & INSTALL 1 INCH CABLE-IN-DUCT BY "OPEN TRENCH" METHOD                    | L.F. |
| 60202          | INSTALL CITY-FURNISHED 1 INCH CABLE-IN-DUCT BY "OPEN TRENCH" METHOD               | L.F. |
| 60203          | FURNISH & INSTALL 1 INCH CABLE-IN-DUCT  | L.F. |
| 60204          | INSTALL CITY-FURNISHED 1 INCH CABLE-IN-DUCT                                       | L.F. |
| 60205          | FURNISH & INSTALL 1 1/4 INCH CABLE-IN-DUCT BY "OPEN TRENCH" METHOD                | L.F. |
| 60206          | INSTALL CITY-FURNISHED 1 1/4 INCH CABLE-IN-DUCT BY "OPEN TRENCH" METHOD           | L.F. |
| 60207          | FURNISH & INSTALL 1 1/4 INCH CABLE-IN-DUCT  | L.F. |
| 60208          | INSTALL CITY-FURNISHED 1 1/4 INCH CABLE-IN-DUCT                                   | L.F. |
| 60221          | FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT BY "OPEN TRENCH" METHOD        | L.F. |
| 60222          | FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT                                | L.F. |
| 60223          | FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD        | L.F. |
| 60224          | FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT                                | L.F. |
| 60225          | FURNISH & INSTALL 2 1/2 INCH PVC (SCHEDULE 80) CONDUIT BY "OPEN TRENCH" METHOD    | L.F. |
| 60226          | FURNISH & INSTALL 2 1/2 INCH PVC (SCHEDULE 80) CONDUIT                            | L.F. |
| 60227          | FURNISH & INSTALL 2 1/2 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD    | L.F. |
| 60228          | FURNISH & INSTALL 2 1/2 INCH PVC (SCHEDULE 40) CONDUIT                            | L.F. |
| 60229          | FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT BY "OPEN TRENCH" METHOD        | L.F. |
| 60230          | FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT                                | L.F. |
| 60231          | FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD        | L.F. |
| 60232          | FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT                                | L.F. |
| 60233          | FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD    | L.F. |
| 60234          | FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 40) CONDUIT                            | L.F. |
| 60235          | FURNISH & INSTALL 1 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD        | L.F. |
| 60236          | FURNISH & INSTALL 1 INCH PVC (SCHEDULE 40) CONDUIT                                | L.F. |
| 60237          | FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 80) CONDUIT BY "OPEN TRENCH" METHOD    | L.F. |
| 60238          | FURNISH & INSTALL 1 1/4 INCH PVC (SCHEDULE 80) CONDUIT                            | L.F. |
| 60241          | GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT                            | L.F. |
| 60251          | FURNISH & INSTALL 6 #4 AND 2 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT | L.F. |
| 60252          | FURNISH & INSTALL 5 #4 AND 2 #8WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT  | L.F. |
| 60253          | FURNISH & INSTALL 3 #4 AND 1 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT | L.F. |
| 60254          | FURNISH & INSTALL 2 #4 AND 1 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT | L.F. |
| 60255          | FURNISH & INSTALL 3 #6 AND 1 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT | L.F. |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK   | UNIT     |
|----------------|--|----------|
| 60256          | FURNISH & INSTALL 2 #6 AND 1 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED<br>CONDUIT | L.F.     |
| 60301          | REMOVE EXISTING AERIAL DISTRIBUTION WIRING   | LUMP SUM |
| 60401          | CONSTRUCT LB-1 BASE  | EACH     |
| 60402          | CONSTRUCT LB-2 BASE  | EACH     |
| 60403          | CONSTRUCT LB-3 BASE  | EACH     |
| 60404          | CONSTRUCT LB-4 BASE  | EACH     |
| 60405          | CONSTRUCT LB-6 BASE  | EACH     |
| 60406          | CONSTRUCT LB-7 BASE  | EACH     |
| 60407          | CONSTRUCT LB-8 BASE  | EACH     |
| 60408          | CONSTRUCT OFFSET BASE  | EACH     |
| 60411          | CONSTRUCT TYPE "G" BASE  | EACH     |
| 60412          | CONSTRUCT TYPE "M" BASE  | EACH     |
| 60413          | CONSTRUCT TYPE "P" BASE  | EACH     |
| 60421          | REMOVE STREET LIGHT BASE   | EACH     |
| 60422          | REMOVE STREET LIGHT POLE   | EACH     |
| 60423          | REMOVE TRAFFIC SIGNAL BASE   | EACH     |
| 60424          | REMOVE TRAFFIC SIGNAL POLE   | EACH     |
| 60425          | REMOVE TRAFFIC SIGNAL OR STREETLIGHT CABINET   | EACH     |
| 60426          | REMOVE ELECTRICAL UTILITY ACCESS STRUCTURE   | EACH     |
| 60427          | REMOVE ELECTRICAL HANDHOLE   | EACH     |
| 60428          | REMOVE WOOD POLE   | EACH     |
| 60431          | ABANDON EXISTING HANDHOLE  | EACH     |
| 60432          | ABANDON EXISTING MANHOLE   | EACH     |
| 60441          | AUGER CONCRETE ELECTRICAL BASE   | EACH     |
| 60501          | INSTALL CITY FURNISHED STREET LIGHT UNIT   | EACH     |
| 60502          | INSTALL CITY-FURNISHED STREET LIGHT UNIT, TWIN ARMS                                  | EACH     |
| 60503          | INSTALL CITY-FURNISHED CONCRETE POLE STREET LIGHT UNIT                               | EACH     |
| 60504          | INSTALL CITY-FURNISHED PEDESTRIAN STREET LIGHT UNIT                                  | EACH     |
| 60261          | ELECTRICAL TRENCH  | L.F.     |
| 60262          | ELECTRICAL TRENCH PAVED ROADWAY  | EACH     |
| 60601          | INSTALL UNMETERED ELECTRIC SERVICE   | EACH     |
| 60602          | INSTALL METERED ELECTRIC SERVICE   | EACH     |
| 60701          | CONSTRUCT ELECTRICAL UTILITY ACCESS STRUCTURE  | EACH     |
| 60702          | CONSTRUCT ELECTRICAL HANDHOLE TYPE 1   | EACH     |
| 60703          | CONSTRUCT ELECTRICAL HANDHOLE TYPE 2   | EACH     |
| 60704          | CONSTRUCT ELECTRICAL HANDHOLE TYPE 3   | EACH     |
| 60705          | CONSTRUCT ELECTRICAL HANDHOLE TYPE 4   | EACH     |
| 60706          | CONSTRUCT ELECTRICAL HANDHOLE TYPE 5   | EACH     |
| 60707          | CONSTRUCT ELECTRICAL BOX-OUT   | EACH     |
| 60800          | PAVEMENT MARKING EPOXY, LINE, 4-INCH   | L.F.     |
| 60801          | PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH  | L.F.     |
| 60802          | PAVEMENT MARKING EPOXY, LINE, 6-INCH   | L.F.     |
| 60803          | PAVEMENT MARKING EPOXY, LINE, 8-INCH   | L.F.     |
| 60804          | PAVEMENT MARKING EPOXY, LINE, 12-INCH  | L.F.     |
| 60805          | PAVEMENT MARKING EPOXY, RADIUS LINE, 4-INCH (5' LINE, 5' GAP)                        | L.F.     |
| 60806          | PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)                        | L.F.     |
| 60807          | PAVEMENT MARKING EPOXY, RADIUS LINE, 8-INCH (5' LINE, 5' GAP)                        | L.F.     |
| 60808          | PAVEMENT MARKING EPOXY, DIAGONAL LINE, 4-INCH  | L.F.     |
| 60809          | PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH  | L.F.     |
| 60810          | PAVEMENT MARKING EPOXY, DIAGONAL LINE, 8-INCH  | L.F.     |
| 60811          | PAVEMENT MARKING EPOXY, DIAGONAL LINE, 12-INCH                                       | L.F.     |
| 60812          | PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH  | L.F.     |
| 60813          | PAVEMENT MARKING EPOXY, CROSSWALK, 8-INCH  | L.F.     |
| 60814          | PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH   | L.F.     |
| 60815          | PAVEMENT MARKING EPOXY, CROSSWALK, 18-INCH   | L.F.     |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK  | UNIT |
|----------------|---|------|
| 60816          | PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH        | L.F. |
| 60817          | PAVEMENT MARKING EPOXY, ROUNDABOUT EDGE LINE, 18-INCH         | L.F. |
| 60818          | PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH                    | L.F. |
| 60819          | PAVEMENT MARKING EPOXY, CURB                                  | L.F. |
| 60820          | PAVEMENT MARKING EPOXY, MEDIAN NOSE                           | S.F. |
| 60821          | PAVEMENT MARKING EPOXY, PARKING STALL                         | L.F. |
| 60822          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW                  | EACH |
| 60823          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE                     | EACH |
| 60824          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW           | EACH |
| 60825          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LEFT ARROW               | EACH |
| 60826          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE & STRAIGHT ARROW    | EACH |
| 60827          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE & LEFT ARROW        | EACH |
| 60828          | PAVEMENT MARKING EPOXY, SYMBOL, BIKE DETECTOR                 | EACH |
| 60829          | PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW                    | EACH |
| 60830          | PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW                   | EACH |
| 60831          | PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT ARROW                | EACH |
| 60832          | PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT & LEFT ARROW         | EACH |
| 60833          | PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT & RIGHT ARROW        | EACH |
| 60834          | PAVEMENT MARKING EPOXY, WORD, ONLY                            | EACH |
| 60835          | PAVEMENT MARKING EPOXY, SYMBOL, RAILROAD CROSSING             | EACH |
| 60836          | PAVEMENT MARKING EPOXY, SYMBOL, DIAMOND                       | EACH |
| 60840          | PAVEMENT MARKING PAINT, LINE, 4-INCH                          | L.F. |
| 60841          | PAVEMENT MARKING PAINT, DOUBLE LINE, 4-INCH                   | L.F. |
| 60842          | PAVEMENT MARKING PAINT, LINE, 6-INCH                          | L.F. |
| 60843          | PAVEMENT MARKING PAINT, LINE, 8-INCH                          | L.F. |
| 60844          | PAVEMENT MARKING PAINT, LINE, 12-INCH                         | L.F. |
| 60845          | PAVEMENT MARKING PAINT, RADIUS LINE, 4-INCH (5' LINE, 5' GAP) | L.F. |
| 60846          | PAVEMENT MARKING PAINT, RADIUS LINE, 6-INCH (5' LINE, 5' GAP) | L.F. |
| 60847          | PAVEMENT MARKING PAINT, RADIUS LINE, 8-INCH (5' LINE, 5' GAP) | L.F. |
| 60848          | PAVEMENT MARKING PAINT, DIAGONAL LINE, 4-INCH                 | L.F. |
| 60849          | PAVEMENT MARKING PAINT, DIAGONAL LINE, 6-INCH                 | L.F. |
| 60850          | PAVEMENT MARKING PAINT, DIAGONAL LINE, 8-INCH                 | L.F. |
| 60851          | PAVEMENT MARKING PAINT, DIAGONAL LINE, 12-INCH                | L.F. |
| 60852          | PAVEMENT MARKING PAINT, CROSSWALK, 6-INCH                     | L.F. |
| 60853          | PAVEMENT MARKING PAINT, CROSSWALK, 8-INCH                     | L.F. |
| 60854          | PAVEMENT MARKING PAINT, CROSSWALK, 12-INCH                    | L.F. |
| 60855          | PAVEMENT MARKING PAINT, CROSSWALK, 18-INCH                    | L.F. |
| 60856          | PAVEMENT MARKING PAINT, CONTINENTAL CROSSWALK, 18-INCH        | L.F. |
| 60857          | PAVEMENT MARKING PAINT, ROUNDABOUT EDGE LINE, 18-INCH         | L.F. |
| 60858          | PAVEMENT MARKING PAINT, STOP LINE, 24-INCH                    | L.F. |
| 60859          | PAVEMENT MARKING PAINT, CURB                                  | L.F. |
| 60860          | PAVEMENT MARKING PAINT, MEDIAN NOSE                           | S.F. |
| 60861          | PAVEMENT MARKING PAINT, PARKING STALL                         | L.F. |
| 60862          | PAVEMENT MARKING PAINT, SYMBOL, BIKE SHARROW                  | EACH |
| 60863          | PAVEMENT MARKING PAINT, SYMBOL, BIKE LANE                     | EACH |
| 60864          | PAVEMENT MARKING PAINT, SYMBOL, BIKE STRAIGHT ARROW           | EACH |
| 60865          | PAVEMENT MARKING PAINT, SYMBOL, BIKE LEFT ARROW               | EACH |
| 60866          | PAVEMENT MARKING PAINT, SYMBOL, BIKE LANE & STRAIGHT ARROW    | EACH |
| 60867          | PAVEMENT MARKING PAINT, SYMBOL, BIKE LANE & LEFT ARROW        | EACH |
| 60868          | PAVEMENT MARKING PAINT, SYMBOL, BIKE DETECTOR                 | EACH |
| 60869          | PAVEMENT MARKING PAINT, SYMBOL, LEFT ARROW                    | EACH |
| 60870          | PAVEMENT MARKING PAINT, SYMBOL, RIGHT ARROW                   | EACH |
| 60871          | PAVEMENT MARKING PAINT, SYMBOL, STRAIGHT ARROW                | EACH |
| 60872          | PAVEMENT MARKING PAINT, SYMBOL, STRAIGHT & LEFT ARROW         | EACH |
| 60873          | PAVEMENT MARKING PAINT, SYMBOL, STRAIGHT & RIGHT ARROW        | EACH |
| 60874          | PAVEMENT MARKING PAINT, WORD, ONLY                            | EACH |
| 60875          | PAVEMENT MARKING PAINT, SYMBOL, RAILROAD CROSSING             | EACH |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK  | UNIT |
|----------------|---|------|
| 60876          | PAVEMENT MARKING PAINT, SYMBOL, DIAMOND   | EACH |
| 60880          | PAVEMENT MARKING REMOVAL, 4-INCH  | L.F. |
| 60881          | PAVEMENT MARKING REMOVAL, 6-INCH  | L.F. |
| 60882          | PAVEMENT MARKING REMOVAL, 8-INCH  | L.F. |
| 60883          | PAVEMENT MARKING REMOVAL, 12-INCH   | L.F. |
| 60884          | PAVEMENT MARKING REMOVAL, 18-INCH   | L.F. |
| 60885          | PAVEMENT MARKING REMOVAL, 24-INCH   | L.F. |
| 60886          | PAVEMENT MARKING REMOVAL, 4" DOUBLE LINE  | L.F. |
| 60887          | PAVEMENT MARKING REMOVAL, SYMBOL, ARROW   | EACH |
| 60888          | PAVEMENT MARKING REMOVAL, SYMBOL, WORD  | EACH |
| 60889          | PAVEMENT MARKING REMOVAL, SYMBOL, BIKE LANE                                     | EACH |
| 60890          | PAVEMENT MARKING REMOVAL, SYMBOL, BIKE SHARROW                                  | EACH |
| 60891          | PAVEMENT MARKING REMOVAL, SYMBOL, BIKE ARROW                                    | EACH |
| 60892          | PAVEMENT MARKING REMOVAL, SYMBOL, RAILROAD CROSSING                             | EACH |
| 60893          | PAVEMENT MARKING REMOVAL, SYMBOL, DIAMOND                                       | EACH |
| 60900          | TEMPORARY PAVEMENT MARKING PAINT, LINE, 4-INCH                                  | L.F. |
| 60901          | TEMPORARY PAVEMENT MARKING PAINT, DOUBLE LINE, 4-INCH                           | L.F. |
| 60902          | TEMPORARY PAVEMENT MARKING PAINT, LINE, 6-INCH                                  | L.F. |
| 60903          | TEMPORARY PAVEMENT MARKING PAINT, LINE, 8-INCH                                  | L.F. |
| 60904          | TEMPORARY PAVEMENT MARKING PAINT, LINE, 12-INCH                                 | L.F. |
| 60905          | TEMPORARY PAVEMENT MARKING PAINT, RADIUS LINE, 4-INCH (5' LINE, 5' GAP)         | L.F. |
| 60906          | TEMPORARY PAVEMENT MARKING PAINT, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)         | L.F. |
| 60907          | TEMPORARY PAVEMENT MARKING PAINT, RADIUS LINE, 8-INCH (5' LINE, 5' GAP)         | L.F. |
| 60908          | TEMPORARY PAVEMENT MARKING PAINT, DIAGONAL LINE, 4-INCH                         | L.F. |
| 60909          | TEMPORARY PAVEMENT MARKING PAINT, DIAGONAL LINE, 6-INCH                         | L.F. |
| 60910          | TEMPORARY PAVEMENT MARKING PAINT, DIAGONAL LINE, 8-INCH                         | L.F. |
| 60911          | TEMPORARY PAVEMENT MARKING PAINT, DIAGONAL LINE, 12-INCH                        | L.F. |
| 60912          | TEMPORARY PAVEMENT MARKING PAINT, CROSSWALK, 6-INCH                             | L.F. |
| 60913          | TEMPORARY PAVEMENT MARKING PAINT, CROSSWALK, 8-INCH                             | L.F. |
| 60914          | TEMPORARY PAVEMENT MARKING PAINT, CROSSWALK, 12-INCH                            | L.F. |
| 60915          | TEMPORARY PAVEMENT MARKING PAINT, STOP LINE, 24-INCH                            | L.F. |
| 60916          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE SHARROW                          | EACH |
| 60917          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE LANE                             | EACH |
| 60918          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE STRAIGHT ARROW                   | EACH |
| 60919          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE LEFT ARROW                       | EACH |
| 60920          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE LANE & STRAIGHT ARROW            | EACH |
| 60921          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE LANE & LEFT ARROW                | EACH |
| 60922          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, BIKE DETECTOR                         | EACH |
| 60923          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, LEFT ARROW                            | EACH |
| 60924          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, RIGHT ARROW                           | EACH |
| 60925          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, STRAIGHT ARROW                        | EACH |
| 60926          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, STRAIGHT & LEFT ARROW                 | EACH |
| 60927          | TEMPORARY PAVEMENT MARKING PAINT, SYMBOL, STRAIGHT & RIGHT ARROW                | EACH |
| 60928          | TEMPORARY PAVEMENT MARKING PAINT, WORD, ONLY                                    | EACH |
| 60940          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 4-INCH            | L.F. |
| 60941          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, DOUBLE LINE, 4-INCH     | L.F. |
| 60942          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 6-INCH            | L.F. |
| 60943          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 8-INCH            | L.F. |
| 60944          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 12-INCH           | L.F. |
| 60945          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, LINE, 24-INCH           | L.F. |
| 60946          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE SHARROW    | EACH |
| 60947          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LANE       | EACH |
| 60948          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE STRAIGHT   | EACH |
| 60949          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LEFT ARR   | EACH |
| 60950          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LANE & ST  | EACH |
| 60951          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LANE & LEI | EACH |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK   | UNIT |
|----------------|--|------|
| 60952          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE DETECTOR    | EACH |
| 60953          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, LEFT ARROW       | EACH |
| 60954          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, RIGHT ARROW      | EACH |
| 60955          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, STRAIGHT ARROW   | EACH |
| 60956          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, STRAIGHT & LEFT  | EACH |
| 60957          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, STRAIGHT & RIGHT | EACH |
| 60958          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, WORD, ONLY               | EACH |
| 60970          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 4-INCH                         | L.F. |
| 60971          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, DOUBLE LINE, 4-INCH                  | L.F. |
| 60972          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 6-INCH                         | L.F. |
| 60973          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 8-INCH                         | L.F. |
| 60974          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 12-INCH                        | L.F. |
| 60975          | TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 24-INCH                        | L.F. |
| 70001          | FURNISH AND INSTALL 4 INCH PIPE & FITTINGS                                       | L.F. |
| 70002          | FURNISH AND INSTALL 6 INCH PIPE & FITTINGS                                       | L.F. |
| 70003          | FURNISH AND INSTALL 8 INCH PIPE & FITTINGS                                       | L.F. |
| 70004          | FURNISH AND INSTALL 10 INCH PIPE & FITTINGS                                      | L.F. |
| 70005          | FURNISH AND INSTALL 12 INCH PIPE & FITTINGS                                      | L.F. |
| 70006          | FURNISH AND INSTALL 16 INCH PIPE & FITTINGS                                      | L.F. |
| 70007          | FURNISH AND INSTALL 20 INCH PIPE & FITTINGS                                      | L.F. |
| 70008          | FURNISH AND INSTALL 24 INCH PIPE & FITTINGS                                      | L.F. |
| 70009          | FURNISH AND INSTALL 1 INCH SERVICE LATERALS                                      | L.F. |
| 70010          | FURNISH AND INSTALL 1 1/2 INCH SERVICE LATERALS                                  | L.F. |
| 70011          | FURNISH AND INSTALL 2 INCH SERVICE LATERALS                                      | L.F. |
| 70012          | FURNISH AND INSTALL 18 INCH STEEL CASING   | L.F. |
| 70013          | FURNISH AND INSTALL 20 INCH STEEL CASING   | L.F. |
| 70014          | FURNISH AND INSTALL 24 INCH STEEL CASING   | L.F. |
| 70015          | FURNISH AND INSTALL 30 INCH STEEL CASING   | L.F. |
| 70020          | HORIZONTAL DIRECTIONAL DRILL 8 INCH PIPE   | L.F. |
| 70021          | HORIZONTAL DIRECTIONAL DRILL 10 INCH PIPE  | L.F. |
| 70022          | HORIZONTAL DIRECTIONAL DRILL 12 INCH PIPE  | L.F. |
| 70023          | HORIZONTAL DIRECTIONAL DRILL 16 INCH PIPE  | L.F. |
| 70024          | HORIZONTAL DIRECTIONAL DRILL 20 INCH PIPE  | L.F. |
| 70025          | HORIZONTAL DIRECTIONAL DRILL 24 INCH PIPE  | L.F. |
| 70402          | ROCK EXCAVATION  | C.Y. |
| 70403          | ADDITIONAL EXCAVATION  | C.Y. |
| 70404          | REMOVAL OF EXCESS AMOUNTS OF BOULDERS  | C.Y. |
| 70405          | CUT-IN CONNECTION  | Each |
| 70407          | FURNISH AND INSTALL HYDRANT  | Each |
| 70408          | SELECT FILL - SAND FOR WATER   | L.F. |
| 70409          | UNDERCUT   | C.Y. |
| 70410          | LEAD SERVICE REPLACEMENT   | L.F. |
| 70413          | FURNISH AND INSTALL STYROFOAM  | L.F. |
| 70414          | CUT OFF EXISTING WATER MAIN  | Each |
| 70415          | ABANDON WATER VALVE BOX  | Each |
| 70416          | ABANDON HYDRANT  | Each |
| 70417          | ABANDON WATER VALVE ACCESS STRUCTURE   | Each |
| 70418          | ADJUST WATER VALVE BOX   | Each |
| 70419          | RELOCATE HYDRANT   | Each |
| 70420          | WATER VALVE ACCESS STRUCTURE   | Each |
| 70421          | INSTALL BOLTLESS RESTRAINED JOINT PIPE & FITTINGS                                | Each |
| 70422          | TUNNELING AND JACKING WATER PIPE   | L.F. |
| 70424          | TERRACE RESTORATION FOR WATER MAIN   | L.F. |
| 70425          | CUT OUT EXISTING WATER MAIN FITTING  | Each |
| 70426          | CUT OUT AND REPLACE EXISTING WATER MAIN VALVE                                    | Each |

## STANDARD BID ITEM NUMBERS

| ITEM<br>NUMBER | TYPE OF WORK  | UNIT |
|----------------|---|------|
| 70427          | FURNISH AND INSTALL 4-INCH WATER VALVE                    | Each |
| 70428          | FURNISH AND INSTALL 6-INCH WATER VALVE                    | Each |
| 70429          | FURNISH AND INSTALL 8-INCH WATER VALVE                    | Each |
| 70430          | FURNISH AND INSTALL 10-INCH WATER VALVE                   | Each |
| 70431          | FURNISH AND INSTALL 12-INCH WATER VALVE                   | Each |
| 70432          | FURNISH AND INSTALL 16-INCH WATER VALVE                   | Each |
| 70433          | FURNISH AND INSTALL 20-INCH WATER VALVE                   | Each |
| 70440          | EXTEND AND RECONNECT 1-INCH SERVICE LATERAL               | L.F. |
| 70441          | EXTEND AND RECONNECT 1 ½-INCH SERVICE LATERAL             | L.F. |
| 70442          | EXTEND AND RECONNECT 2-INCH SERVICE LATERAL               | L.F. |
| 70443          | DISCONNECT / RECONNECT 1-INCH SERVICE LATERAL             | Each |
| 70444          | DISCONNECT / RECONNECT 1 ½-INCH OR 2-INCH SERVICE LATERAL | Each |
| 70450          | FURNISH & INSTALL CURB BOX                                | Each |
| 70451          | FURNISH & INSTALL CURB STOP                               | Each |
| 70452          | ADJUST WATER SERVICE BOX                                  | Each |
| 70453          | ABANDON EXISTING CURB BOX                                 | Each |
| 70454          | REPLACE COPPER SERVICE LATERAL                            | L.F. |
| 70455          | PIPE PLUG FOR WATER MAIN INSTALLATION                     | Each |
| 70456          | FURNISH EXCAVATION AND DITCH FOR LIVE TAP                 | Each |