

## STANDARD BID ITEM NUMBERS

ITEM 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

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ITEM NUMBER	TYPE OF WORK	UNIT
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.
20302	SAWCUT CONCRETE FULL DEPTH	L.F.
20303	SAWCUT ASPHALT PAVEMENT	L.F.
20311	REMOVE SEWER ACCESS STRUCTURE	EACH
20312	REMOVE CATCHBASIN	EACH
20313	REMOVE INLET	EACH
20314	REMOVE PIPE	L.F.
20315	REMOVE PIPE - ASBESTOS	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	CLEARING	SY
20404	CLEARING	LUMP SUM
20406	GRUBBING	I.D.

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ITEM NUMBER	TYPE OF WORK	UNIT
20407	GRUBBING	STA.
20408	GRUBBING	SY
20409	GRUBBING	LUMP SUM
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.
20850	SOD DROUGHT WATERING	EACH
20970	TREES, SHRUBS, PERENNIALS AND GRASSES DROUGHT WATERING	EACH
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.
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.

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ITEM NUMBER	TYPE OF WORK	UNIT
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
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 A – COMPLETE	EACH
21046	INLET PROTECTION, TYPE A – PROVIDE & INSTALL	EACH
21047	INLET PROTECTION, TYPE A – MAINTAIN	EACH
21048	INLET PROTECTION, TYPE A – 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 - ORGANIC	S.Y.
21064	EROSION MATTING, CLASS I, TYPE B - ORGANIC	S.Y.
21071	EROSION MATTING, CLASS II, TYPE A - ORGANIC	S.Y.
21073	EROSION MATTING, CLASS II, TYPE C - ORGANIC	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.
21093	TURBIDITY BARRIER – COMPLETE	LF
21094	SILT CURTAIN – COMPLETE	LF
21095	INLET PROTECTION, TYPE B – COMPLETE	EACH
21096	INLET PROTECTION, TYPE B – PROVIDE & INSTALL	EACH
21097	INLET PROTECTION, TYPE B – MAINTAIN	EACH
21098	INLET PROTECTION, TYPE B – REMOVE	EACH
21110	TERRACE RAIN GARDEN	S.F.

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ITEM NUMBER	TYPE OF WORK	UNIT
21301	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
30121	EPOXY COATED BAR STEEL REINFORCING	LBS.
30122	EPOXY COATED BAR STEEL REINFORCING	L.F.
30131	COLD WEATHER PROTECTION OF CONCRETE SIDEWALK & DRIVE (POLYETHYLENE)	S.F.
30132	COLD WEATHER PROTECTION OF CONCRETE CURB & GUTTER (POLYETHYLENE)	L.F.
30133	COLD WEATHER PROTECTION OF CONCRETE SIDEWALK & DRIVE (STRAW)	S.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.
30211	TRAFFIC CIRCLE MOUNTABLE CONCRETE CURB & GUTTER	L.F.
30301	5 INCH CONCRETE SIDEWALK	S.F.
30302	7 INCH CONCRETE SIDEWALK & DRIVE	S.F.

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ITEM NUMBER	TYPE OF WORK	UNIT
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
40104	CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 5 (BREAKER RUN)	TON
40201	HMA PAVEMENT 3 LT 58-28 S	TON
40202	HMA PAVEMENT 4 LT 58-28 S	TON
40203	HMA PAVEMENT 3 MT 58-28 S	TON
40204	HMA PAVEMENT 4 MT 58-28 S	TON
40205	HMA PAVEMENT 4 MT 58-28 H	TON

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ITEM NUMBER	TYPE OF WORK	UNIT
40206	HMA PAVEMENT 3 HT 58-28 S	TON
40207	HMA PAVEMENT 4 HT 58-28 S	TON
40208	HMA PAVEMENT 2 HT 58-28 H	TON
40209	HMA PAVEMENT 3 HT 58-28 H	TON
40210	HMA PAVEMENT 4 HT 58-28 H	TON
40211	HMA PAVEMENT 4 HT 58-28 V	TON
40218	TACK 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	S.Y.
40308	RAMPING SAS	EACH
40311	PULVERIZE AND SHAPE	S.Y.
40321	UNDERCUT	C.Y.
40332	BASE PATCH GRINDING, METHOD 2	S.Y.
40333	BASE PATCH GRINDING, METHOD 3	S.Y.
40335	BASE PATCH GRINDING, METHOD 5	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.
40354	ASPHALT BASE PATCHING, OVER 10 INCHES	S.Y.
40358	PAVEMENT JOINT GRINDING	L.F.
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

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ITEM NUMBER	TYPE OF WORK	UNIT
40381	REMOVE AND REPLACE CONCRETE CURB & GUTTER, MACHINE PLACED - RESURFACING	L.F.
40382	REMOVE AND REPLACE CONCRETE CURB & GUTTER, HAND PLACED - RESURFACING	L.F.
40383	REMOVE AND REPLACE CONCRETE CURB & GUTTER, SPECIAL - 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.
40404	11 INCH CONCRETE PAVEMENT	S.Y.
40405	12 INCH CONCRETE PAVEMENT	S.Y.
40407	CONCRETE PAVEMENT JOINT SEALING	L.F.
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.
40801	CHIP SEAL	LUMP SUM
50101	RCBC ROOF REPAIR, TYPE I	EACH
50102	RCBC ROOF REPAIR, TYPE II	EACH
50103	RECONSTRUCT BENCH AND FLOWLINE(S)	EACH
50104	REBUILD 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.



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ITEM NUMBER	TYPE OF WORK	UNIT
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.
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	SANITARY SEWER LATERAL - RESURFACING	L.F.
50355	SANITARY SEWER LATERAL - PRESSURE PIPE	L.F.
50356	RECONNECT	EACH
50357	RECONNECT - PRESSURE PIPE	EACH
50358	SANITARY SEWER RISER	V.F.
50359	COMPRESSION COUPLING	EACH

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ITEM NUMBER	TYPE OF WORK	UNIT
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.
50370	TRACER WIRE AND BOX	L.F.
50371	LATERAL BACKFLOW PREVENTOR	EACH
50372	LATERAL CLEAN OUT	EACH
50390	SEWER ELECTRONIC MARKERS	EACH
50401	12 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50402	15 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50403	18 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50404	21 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50405	24 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50406	27 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50407	30 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50408	33 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50409	36 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50410	42 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50411	48 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50412	54 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50413	60 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50414	66 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50415	72 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50416	78 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50417	84 INCH TYPE I RCP STORM SEWER PIPE	L.F.
50418	14 INCH X 23 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50419	19 INCH X 30 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50420	24 INCH X 38 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50421	29 INCH X 45 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50422	34 INCH X 53 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50423	38 INCH X 60 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50424	43 INCH X 68 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50425	48 INCH X 76 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50426	53 INCH X 83 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50427	58 INCH X 91 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50428	63 INCH X 98 INCH TYPE I HERCP STORM SEWER PIPE	L.F.

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50429	68 INCH X 106 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50430	72 INCH X 113 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50431	77 INCH X 123 INCH TYPE I HERCP STORM SEWER PIPE	L.F.
50432	12 INCH TYPE II PAVEMENT STORM SEWER PIPE	L.F.
50433	15 INCH TYPE II PAVEMENT STORM SEWER PIPE	L.F.
50434	18 INCH TYPE II PAVEMENT STORM SEWER PIPE	L.F.
50435	24 INCH TYPE II PAVEMENT STORM SEWER PIPE	L.F.
50436	30 INCH TYPE II PAVEMENT STORM SEWER PIPE	L.F.
50437	36 INCH TYPE II PAVEMENT STORM SEWER PIPE	L.F.
50440	6 INCH TYPE III STORM SEWER PIPE	L.F.
50441	8 INCH TYPE III STORM SEWER PIPE	L.F.
50442	10 INCH TYPE III STORM SEWER PIPE	L.F.
50443	12 INCH TYPE III STORM SEWER PIPE	L.F.
50444	15 INCH TYPE III STORM SEWER PIPE	L.F.
50445	18 INCH TYPE III STORM SEWER PIPE	L.F.
50446	21 INCH TYPE III STORM SEWER PIPE	L.F.
50447	24 INCH TYPE III STORM SEWER PIPE	L.F.
50448	30 INCH TYPE III STORM SEWER PIPE	L.F.
50449	36 INCH TYPE III STORM SEWER PIPE	L.F.
50450	12 INCH TYPE IV DRIVEWAY CULVERT STORM SEWER PIPE	L.F.
50451	15 INCH TYPE IV DRIVEWAY CULVERT STORM SEWER PIPE	L.F.
50452	18 INCH TYPE IV DRIVEWAY CULVERT STORM SEWER PIPE	L.F.
50453	21 INCH TYPE IV DRIVEWAY CULVERT STORM SEWER PIPE	L.F.
50454	24 INCH TYPE IV DRIVEWAY CULVERT STORM SEWER PIPE	L.F.
50455	<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
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

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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
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
50766	TERRACE INLET TYPE 1	EACH

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
50767	TERRACE INLET TYPE 2	EACH
50768	TERRACE INLET TYPE 3	EACH
50769	TERRACE INLET TYPE 4	EACH
50770	TERRACE INLET TYPE 5	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
50793	PRIVATE STORM SEWER RECONNECT, TYPE 1	EACH
50794	PRIVATE STORM SEWER RECONNECT, TYPE 2	EACH
50795	PRIVATE STORM SEWER LATERAL	EACH
50797	EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL	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.
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.

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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 #8 WIRES 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.
60256	FURNISH & INSTALL 2 #6 AND 1 #8 WIRES IN EXISTING OR CONTRACTOR-INSTALLED CONDUIT	L.F.

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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 LB-9 BASE	EACH
60409	CONSTRUCTION OFFSET BASE	EACH
60411	CONSTRUCT TYPE "G" BASE	EACH
60412	CONSTRUCT TYPE "M" BASE	EACH
60413	CONSTRUCT TYPE "P" BASE	EACH
60414	BASE FOR MULTISPACE PARKING METER	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 ELECTRICAL UTILITY ACCESS STRUCTURE	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 PEDSETRIAN 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
60708	CONSTRUCT ELECTRICAL HANDHOLE TYPE 7	EACH



## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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.
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.

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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
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

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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.

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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 ARROW	EACH
60949	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LEFT ARROW	EACH
60950	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LANE & STRAIGHT ARROW	EACH
60951	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, BIKE LANE & LEFT ARROW	EACH
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 ARROW	EACH
60957	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, STRAIGHT & RIGHT ARROW	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.

## STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
70010	HORIZONTAL DIRECTIONAL DRILL 8 INCH PIPE	L.F.
70011	HORIZONTAL DIRECTIONAL DRILL 10 INCH PIPE	L.F.
70012	HORIZONTAL DIRECTIONAL DRILL 12 INCH PIPE	L.F.
70013	HORIZONTAL DIRECTIONAL DRILL 16 INCH PIPE	L.F.
70014	HORIZONTAL DIRECTIONAL DRILL 20 INCH PIPE	L.F.
70015	HORIZONTAL DIRECTIONAL DRILL 24 INCH PIPE	L.F.
70020	FURNISH AND INSTALL 18 INCH CASING	L.F.
70021	FURNISH AND INSTALL 20 INCH CASING	L.F.
70022	FURNISH AND INSTALL 24 INCH CASING	L.F.
70023	FURNISH AND INSTALL 30 INCH CASING	L.F.
70030	FURNISH AND INSTALL 4-INCH WATER VALVE	EACH
70031	FURNISH AND INSTALL 6-INCH WATER VALVE	EACH
70032	FURNISH AND INSTALL 8-INCH WATER VALVE	EACH
70033	FURNISH AND INSTALL 10-INCH WATER VALVE	EACH
70034	FURNISH AND INSTALL 12-INCH WATER VALVE	EACH
70035	FURNISH AND INSTALL 16-INCH WATER VALVE	EACH
70036	FURNISH AND INSTALL 20-INCH WATER VALVE	EACH
70040	FURNISH, INSTALL AND SALVAGE HYDRANT	EACH
70041	RELOCATE HYDRANT	EACH
70050	FURNISH AND INSTALL 1 INCH SERVICE LATERALS	EACH
70051	FURNISH AND INSTALL 1 1/2 INCH SERVICE LATERALS	EACH
70052	FURNISH AND INSTALL 2 INCH SERVICE LATERALS	EACH
70053	REPLACE 1-INCH COPPER SERVICE LATERAL	EACH
70054	REPLACE 1 ½-INCH COPPER SERVICE LATERAL	EACH
70055	REPLACE 2-INCH COPPER SERVICE LATERAL	EACH
70056	RECONNECT 1-INCH SERVICE LATERAL	EACH
70057	RECONNECT 1 ½-INCH SERVICE LATERAL	EACH
70058	RECONNECT 2-INCH SERVICE LATERAL	EACH
70080	CUT-IN OR CONNECT TO EXISTING WATER SYSTEM	EACH
70081	FURNISH EXCAVATION AND DITCH FOR LIVE TAP	EACH
70082	CUT OFF EXISTING WATER MAIN	EACH
70090	ABANDON WATER VALVE BOX	EACH
70091	ABANDON WATER VALVE ACCESS STRUCTURE	EACH
70101	FURNISH AND INSTALL STYROFOAM	L.F.

## STANDARD BID ITEM NUMBERS

<b>ITEM NUMBER</b>	<b>TYPE OF WORK</b>	<b>UNIT</b>
70102	LANDSCAPE RESTORATION FOR WATER MAIN	T.F.
70103	WATER VALVE ACCESS STRUCTURE	EACH
70104	ADJUST WATER VALVE BOX	EACH
70105	PIPE PLUG FOR WATER MAIN INSTALLATION	EACH
70106	ROCK EXCAVATION	C.Y.
70107	REMOVAL OF EXCESS AMOUNTS OF BOULDERS	C.Y.
70108	ADDITIONAL EXCAVATION	C.Y.
70109	UNDERCUT	C.Y.
70110	TEMPORARY WATER SUPPLY SYSTEM	L.S.