

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
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.
20229	Medium Riprap	C.Y.
20230	Medium 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 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.
20331	Abandon Sewer Access Structure	EACH
20332	Abandon Catchbasin	EACH

STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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
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	Silt Fence Complete	L.F.
21002	Erosion Matting, Class I, Type URBAN	S.Y.
21003	Erosion Matting, Class I, Type A	S.Y.
21004	Erosion Matting, Class I, Type B	S.Y.
21005	Erosion Matting, Class II, Type A	S.Y.
21006	Erosion Matting, Class II, Type B	S.Y.
21007	Erosion Matting, Class II, Type C	S.Y.
21008	Erosion Matting, Class III, Type A	S.Y.
21009	Erosion Matting, Class III, Type B	S.Y.
21010	Erosion Matting, Class III, Type C	S.Y.
21011	Erosion Matting, Class III, Type D	S.Y.
21012	Erosion Bales Complete	EACH
21013	Clear Stone Berm for Erosion Control	EACH
21014	Construction Entrance	EACH
21015	Inlet Protection, Type C	EACH
21016	Street Construction Entrance Berm	EACH
21017	Inlet Protection, Type D	EACH
21018	Silt Sock	L.F.
21021	Terrace Restoration	T.F.
21022	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

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ITEM NUMBER	TYPE OF WORK	UNIT
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)	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.
30301	5 Inch Concrete Sidewalk	S.F.
30302	7 Inch Concrete Sidewalk & Drive	S.F.
30303	Commercial Drive Opening	EACH
30311	Concrete Traffic Island	S.F.
30312	Concrete Mountable Median	S.F.
30313	Concrete Steps	S.F.
30330	Profile Sawcut	L.F.
30340	Curb Ramp Detectable Warning Fields	S.F.
30401	Reset Monument	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" Thick Concrete Sidewalk – Sidewalk Replacement Program	S.F.
30502	Remove and Replace 7" Thick Concrete Sidewalk – 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 Type E-0.3	TON

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ITEM NUMBER	TYPE OF WORK	UNIT
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
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.
40341	Ramping SAS	EACH
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" Thick Concrete Sidewalk - Resurfacing	S.F.
40392	Remove and Replace 7" Thick Concrete Sidewalk - 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.
40410	Concrete Speed Hump	S.Y.
40411	Concrete Pavement Reconstruction	S.Y.
40501	Infrared Seamless Patching	S.F.
40601	Pavement Crack Sealing	L.S.

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ITEM NUMBER	TYPE OF WORK	UNIT
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.
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
50370	Tracer Wire and Box	L.F.

STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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
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

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ITEM NUMBER	TYPE OF WORK	UNIT
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
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

STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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.
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 Televising	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.

STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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.
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 Pedsetrian Street Light Unit	EACH
60261	Electrical Trench	L.F.
60262	Electrical Trench Paved Roadway	EACH
60601	Install Unmetered Electric Service	EACH

STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
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
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	Trench Restoration for Water Main	L.F.
70425	Cut Out Existing Water Main Fitting	Each
70426	Cut Out and Replace Existing Water Main Valve	Each
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 1/2-Inch Service Lateral	L.F.
70442	Extend and Reconnect 2-Inch Service Lateral	L.F.

STANDARD BID ITEM NUMBERS

ITEM NUMBER	TYPE OF WORK	UNIT
70443	Reconnect or Disconnect 1-Inch Service Lateral	Each
70444	Reconnect or Disconnect 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	Install Electronic Water Marker	Each
70460	Furnish and Install Additional 4-Inch Fitting	Each
70461	Furnish and Install Additional 6-Inch Fitting	Each
70462	Furnish and Install Additional 8-Inch Fitting	Each
70463	Furnish and Install Additional 10-Inch Fitting	Each
70464	Furnish and Install Additional 12-Inch Fitting	Each
70465	Furnish and Install Additional 16-Inch Fitting	Each
70466	Furnish and Install Additional 20-Inch Fitting	Each