

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
4.0010	Hour	Blading			\$ -
4.0020	LS	Construction and Maintenance of Detour(s)			\$ -
4.0025	LS	Maintenance of Detour(s)			\$ -
4.0055	LS	Remove Detour(s)			\$ -
9.0010	LS	Mobilization			\$ -
9.0550	LS	Tax on City Furnished Materials			\$ -
9.0551	LS	Tax on City Furnished Roadway Lighting Materials			\$ -
9.0552	LS	Tax on City Furnished Traffic Materials			\$ -
9.0700	LS	Extra Work			\$ -
9.0710	FA	Extra Work			\$ -
9.1000	Day	Incentive Pay			\$ -
9.1010	LS	Incentive Pay			\$ -
9.1400	Each	Value Engineering Credit			\$ -
9.2000	LS	Deduction, Material			\$ -
9.2010	LS	Deduction, Plan Deviation			\$ -
9.2020	LS	Deduction, Specification Failure			\$ -
9.1310	LS	Critical Path Method Schedule			\$ -
100.0010	Each	Clear and Grub Stump	\$ 195.71	\$ 186.00	\$ 195.30
100.0020	Each	Clear and Grub Tree	\$ 236.66	\$ 227.30	\$ 238.67
100.0100	LS	Clearing			\$ -
110.0010	SqYd	Remove Concrete Bridge Approach Slab	\$ 55.00		\$ -
110.0040	SqYd	Remove Concrete Bridge Slab			\$ -
110.0100	LS	Remove Concrete Footing(s)			\$ -
110.0130	Each	Remove Traffic Sign	\$ 10.70	\$ 14.65	\$ 15.38
110.0210	LS	Remove Building(s)			\$ -
110.0300	Ft	Remove Concrete Curb and Gutter	\$ 3.33	\$ 5.92	\$ 6.22
110.0310	Ft	Remove Concrete Curb	\$ 10.27	\$ 5.75	\$ 6.04
110.0320	Ft	Remove Concrete Gutter			\$ -
110.0340	Ft	Remove Asphalt Concrete Curb			\$ -
110.0400	Each	Remove Drop Inlet	\$ 318.63	\$ 627.17	\$ 658.53
110.0420	Each	Remove Drop Inlet Frame and Grate	\$ 226.67	\$ -	\$ -
110.0425	Each	Remove Junction Box	\$ 256.74	\$ 311.33	\$ 326.90
110.0465	Each	Abandon Sanitary Sewer Manhole		\$ 1,548.07	\$ 1,625.47
110.0466	Each	Abandon Water Manhole	\$ 443.00	\$ 649.20	\$ 681.66
110.0500	Ft	Remove Pipe Culvert	\$ 10.13	\$ 9.77	\$ 10.26
110.0510	Each	Remove Pipe End Section	\$ 223.75	\$ 131.37	\$ 137.94
110.0520	Ft	Remove Sewer Pipe	\$ 6.00	\$ 7.79	\$ 8.18
110.0525	Ft	Abandon Sanitary Sewer Pipe	\$ 6.48	\$ 21.00	\$ 22.05
110.0530	Ft	Remove Storm Sewer Pipe	\$ 7.81	\$ 10.05	\$ 10.55
110.0600	Ft	Remove Fence	\$ 0.75	\$ 0.66	\$ 0.69
110.0605	Ft	Remove Chain Link Fence	\$ 4.13	\$ 3.08	\$ 3.23
110.0645	Each	Remove Crash Cushion			\$ -
110.0700	Ft	Remove 3 Cable Guardrail		\$ 2.20	\$ 2.31
110.0705	Ft	Remove Cable Guardrail			\$ -
110.0730	Ft	Remove Beam Guardrail			\$ -
110.0740	Each	Remove 3 Cable Guardrail Anchor Assembly		\$ 165.00	\$ 173.25
110.0745	Each	Remove 3 Cable Guardrail Slip Base Anchor Assembly			\$ -
110.0750	Each	Remove Guardrail Terminal Anchor			\$ -
110.0760	Each	Remove Beam Guardrail Trailing End Terminal			\$ -
110.0770	Each	Remove W Beam Guardrail Breakaway Cable Terminal			\$ -
110.0780	Each	Remove W Beam Guardrail Modified Eccentric Loader			\$ -
110.0790	Each	Remove W Beam Guardrail Deformed End			\$ -
110.0800	Each	Remove W Beam Guardrail End Terminal			\$ -
110.0810	Ft	Remove Rubrail			\$ -
110.0820	Each	Remove Guide Post		\$ 20.00	\$ 21.00
110.0900	Each	Remove Parking Meter Post	\$ 54.00	\$ 93.00	\$ 97.65
110.1010	SqYd	Remove Asphalt Concrete Pavement	\$ 2.38	\$ 2.67	\$ 2.80
110.1050	SqYd	Remove Asphalt Concrete Approach Pavement			\$ -
110.1100	SqYd	Remove Concrete Pavement	\$ 5.40	\$ 6.16	\$ 6.47

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110.1110	SqYd	Remove Concrete Approach Pavement	\$ 4.98		\$ -
110.1120	SqYd	Remove Concrete Median Pavement			\$ -
110.1130	SqYd	Remove Concrete Driveway Pavement		\$ 6.18	\$ 6.49
110.1140	SqYd	Remove Concrete Sidewalk	\$ 4.58	\$ 6.22	\$ 6.53
110.1300	Ft	Remove Concrete Retaining Wall	\$ 19.96		\$ -
110.1400	Ft	Remove Pavement Marking, 4" or Equivalent	\$ 1.02	\$ 8.30	\$ 8.72
110.1410	Each	Remove Pavement Marking, Arrow	\$ 19.48	\$ 164.64	\$ 172.87
110.1420	Word	Remove Pavement Marking, Message			\$ -
110.1430	SqFt	Remove Pavement Marking, Area	\$ 0.09		\$ -
110.1440	Each	Remove Pavement Marking, Railroad Crossing			\$ -
110.1461	Each	Remove Sanitary Sewer Manhole	\$ 473.53	\$ 408.05	\$ 428.45
110.1462	Each	Remove Water Manhole	\$ 299.21	\$ 158.00	\$ 165.90
110.1530	Each	Remove Signal Pole Footing	\$ 408.33	\$ 624.00	\$ 655.20
110.1532	Each	Remove Controller Cabinet Footing	\$ 331.18	\$ 520.00	\$ 546.00
110.1540	Each	Remove Luminaire Pole Footing	\$ 168.27	\$ 231.09	\$ 242.64
110.1595	SqYd	Remove Articulated Concrete Mattress			\$ -
110.1600	SqYd	Remove Riprap			\$ -
110.1610	CuYd	Remove Riprap	\$ 18.10		\$ -
110.1650	Each	Remove Bank and Channel Protection Gabion			\$ -
110.1700	Ft	Remove Silt Fence	\$ 0.54	\$ 0.47	\$ 0.49
110.1800	Ft	Remove Railroad Track			\$ -
110.1910	Each	Remove Fire Hydrant	\$ 302.42	\$ 412.77	\$ 433.41
110.1912	Each	Remove & Relocate Fire Hydrant	\$ 805.65	\$ 2,206.34	\$ 2,316.66
110.1920	Each	Remove Tree Grate			\$ -
110.1930	Each	Remove Tree Planter		\$ 325.00	\$ 341.25
110.1940	Each	Remove Underground Storage Tank			\$ -
110.1950	MGal	Remove Contaminated Water			\$ -
110.1960	Each	Remove Valve Box	\$ 101.95	\$ 124.55	\$ 130.78
110.1970	Ft	Remove Water Main	\$ 5.92	\$ 7.55	\$ 7.93
110.3000	SqFt	Salvage Brick Pavers	\$ 10.50		\$ -
110.4000	Each	Salvage Crash Cushion		\$ 300.00	\$ 315.00
110.4100	Ft	Salvage 3 Cable Guardrail			\$ -
110.4110	Each	Salvage 3 Cable Guardrail Anchor Assembly			\$ -
110.4290	Ft	Salvage Beam Guardrail			\$ -
110.4300	Ft	Salvage Double Thrie Beam Guardrail			\$ -
110.4310	Ft	Salvage Thrie Beam Guardrail			\$ -
110.4320	Ft	Salvage Double W Beam Guardrail			\$ -
110.4330	Ft	Salvage W Beam Guardrail			\$ -
110.4340	Each	Salvage W Beam to Thrie Beam Guardrail Transition			\$ -
110.4350	Each	Salvage Beam Guardrail Trailing End Terminal			\$ -
110.4360	Each	Salvage W Beam Guardrail Breakaway Cable Terminal			\$ -
110.4370	Each	Salvage W Beam Guardrail Flared End Terminal			\$ -
110.4380	Each	Salvage W Beam Guardrail Tangent End Terminal			\$ -
110.5010	Each	Salvage Delineator	\$ 11.03	\$ 5.15	\$ 5.41
110.5020	Each	Salvage Traffic Sign	\$ 17.10	\$ 12.42	\$ 13.04
110.5021	Each	Salvage Traffic Sign for Reset	\$ 17.35	\$ 12.38	\$ 13.00
110.5022	Each	Salvage Object Marker	\$ 27.50	\$ 5.15	\$ 5.41
110.5100	Each	Salvage Luminaire Pole	\$ 184.39	\$ 268.64	\$ 282.07
110.5110	LS	Salvage Signal Equipment	\$ 5,205.00		\$ -
110.5135	LF	Salvage Fiber Optic Cable	\$ 0.32		\$ -
110.5450	CuYd	Salvage Riprap			\$ -
110.5451	Ton	Salvage Riprap		\$ 15.90	\$ 16.70
110.5500	Ft	Salvage Pipe			\$ -
110.5510	Each	Salvage Pipe End Section	\$ 400.00		\$ -
110.5700	Each	Salvage Manhole Frame and Lid	\$ 51.00		\$ -
110.5720	Each	Salvage Drop Inlet Frame and Grate Assembly			\$ -
110.5730	Ft	Salvage Water Main			\$ -
110.5740	Each	Salvage Fire Hydrant	\$ 315.00	\$ 300.00	\$ 315.00

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110.5750	Each	Salvage Fire Hydrant with Valve and Box			\$ -
110.5760	Each	Salvage Valve	\$ 100.00		\$ -
110.5770	Each	Salvage Valve Box	\$ 100.00		\$ -
110.5800	Ft	Salvage Fence			\$ -
110.5810	Ft	Salvage Chain Link Fence			\$ -
110.6000	Ft	Remove 3 Cable Guardrail For Reset			\$ -
110.6010	Each	Remove 3 Cable Guardrail Anchor Assembly For			\$ -
110.6200	Ft	Remove Double Thrie Beam Guardrail For Reset			\$ -
110.6210	Ft	Remove Thrie Beam Guardrail For Reset			\$ -
110.6220	Ft	Remove Double W Beam Guardrail For Reset			\$ -
110.6230	Ft	Remove W Beam Guardrail For Reset			\$ -
110.6240	Each	Remove W Beam To Thrie Beam Guardrail Transition For Reset			\$ -
110.6250	Each	Remove Beam Guardrail Trailing End Terminal			\$ -
110.6260	Each	Remove W Beam Guardrail Breakaway Cable Terminal For Reset			\$ -
110.6269	Each	Remove W Beam Guardrail End Terminal For Reset			\$ -
110.6270	Each	Remove W Beam Guardrail Flared End Terminal For			\$ -
110.6280	Each	Remove W Beam Guardrail Tangent End Terminal For Reset			\$ -
110.6300	Ft	Remove Rubrail For Reset			\$ -
110.7040	Each	Remove Gate For Reset			\$ -
110.7060	SqFt	Remove MSE Segmental Modular Wall For Reset			\$ -
110.7500	Ft	Remove Pipe For Reset	\$ 17.02	\$ 20.36	\$ 21.38
110.7510	Each	Remove Pipe End Section For Reset	\$ 261.25	\$ 193.50	\$ 203.18
110.7550	Ft	Remove Precast Concrete Box Culvert For Reset			\$ -
110.7560	Each	Remove Precast Concrete Box Culvert End Section For Reset			\$ -
110.7700	Each	Remove Drop Inlet Frame and Grate Assembly	\$ 100.00		\$ -
110.7710	Each	Remove Manhole Frame and Lid For Reset	\$ 153.13	\$ 175.88	\$ 184.67
110.7800	Ft	Remove Chain Link Fence For Reset	\$ 7.02	\$ 5.46	\$ 5.73
110.7802	Ft	Remove Fence For Reset		\$ 22.40	\$ 23.52
110.7900	Each	Remove Tree Grate For Reset			\$ -
110.8100	LFt	Saw Existing Asphalt	\$ 2.64	\$ 2.53	\$ 2.66
110.8110	LFt	Saw Existing PCC Concrete	\$ 6.32	\$ 6.24	\$ 6.55
120.0010	CuYd	Unclassified Excavation	\$ 5.71	\$ 4.78	\$ 5.02
120.0100	CuYd	Unclassified Excavation, Digouts	\$ 7.72	\$ 10.98	\$ 11.53
120.0150	CuYd	Unclassified Excavation, Grade Stabilization	\$ 7.92	\$ 8.66	\$ 9.09
120.0200	CuYd	Unclassified Excavation, Structure		\$ 2.65	\$ 2.78
120.0300	CuYd	Borrow Unclassified Excavation	\$ 7.35		\$ -
120.0400	CuYd	Select Subgrade Topping			\$ -
120.0420	CuYd	Contractor Furnished Select Subgrade topping			\$ -
120.0480	SqYd	Scarify and Recompact Subgrade	\$ 0.48	\$ 0.53	\$ 0.56
120.0500	CuYd	Option Borrow Excavation			\$ -
120.0600	CuYd	Contractor Furnished Borrow	\$ 5.97	\$ 5.32	\$ 5.59
120.0605	CuYd	Stockpile Contractor Furnished Borrow			\$ -
120.0900	CuYd	Contaminated Material Excavation		\$ 32.86	\$ 34.50
120.1000	CuYd	Muck Excavation	\$ 5.50		\$ -
120.1150	CuYd	Rock Excavation	\$ 136.24	\$ 25.67	\$ 26.95
120.2000	CuYd	Undercutting	\$ 2.09		\$ -

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120.4000	Sta	Grading			\$ -
120.6000	MGal	Water For Dust Control	\$ 27.57	\$ 10.00	\$ 10.50
120.6100	MGal	Water For Embankment	\$ 5.96	\$ 3.14	\$ 3.30
120.6200	MGal	Water For Granular Material	\$ 13.99	\$ 13.29	\$ 13.95
120.6300	MGal	Water For Vegetation	\$ 7.19	\$ 4.88	\$ 5.12
120.7000	Ton	Select Granular Backfill	\$ 10.39	\$ 11.02	\$ 11.57
120.9000	Ton	Pit Run Material			\$ -
205.0010	Lb	Dust Control Chloride	\$ 0.51	\$ 0.40	\$ 0.42
210.1005	Mile	Surface Preparation			\$ -
210.3000	Mile	Ordinary Roadway Shaping			\$ -
210.3500	Mile	Heavy Roadway Shaping			\$ -
230.0010	CuYd	Placing Topsoil	\$ 2.17	\$ 3.25	\$ 3.41
230.0020	CuYd	Placing Contractor Furnished topsoil	\$ 15.87	\$ 5.83	\$ 6.12
230.0100	LS	Remove and Replace Topsoil			\$ -
230.0300	CuYd	Salvage Topsoil	\$ 1.61	\$ 2.21	\$ 2.32
240.0010	Sta	Obliterate Old Road			\$ -
250.0010	LS	Incidental Work			\$ -
250.0015	LS	Incidental Work, Lighting			\$ -
250.0016	LS	Incidental Work, Traffic	\$ 520.50		\$ -
250.0020	LS	Incidental Work, Grading			\$ -
250.0030	LS	Incidental Work, Structure			\$ -
250.0040	LS	Incidental Work, Utilities			\$ -
260.0010	Ton	Subbase		\$ 13.82	\$ 14.51
260.0030	Ton	Subbase, Salvaged			\$ -
260.1010	Ton	Base Course	\$ 12.60	\$ 11.32	\$ 11.89
260.1030	Ton	Base Course, Salvaged	\$ 5.20		\$ -
260.2010	Ton	Gravel Cushion	\$ 12.10	\$ 25.00	\$ 26.25
260.3010	Ton	Gravel Surfacing	\$ 16.39	\$ 13.83	\$ 14.52
260.4000	Ton	Pea Gravel			\$ -
260.6010	Ton	Granular Material	\$ 20.62	\$ 22.66	\$ 23.79
260.7010	Ton	Trench Stabilization Material	\$ 13.84	\$ 5.93	\$ 6.23
260.7020	Ton	Select Fill	\$ 8.42	\$ 10.98	\$ 11.53
270.0110	Ton	Salvage and Stockpile Granular Material			\$ -
280.0010	SqYd	Process In Place Surfacing			\$ -
280.0020	SqYd	Process In Place Surfacing, Shoulder			\$ -
320.1200	Ton	Asphalt Concrete Composite	\$ 69.29	\$ 75.88	\$ 79.67
320.1250	Ton	Asphalt Concrete For Patching	\$ 118.42	\$ 108.26	\$ 113.67
330.0100	Ton	SS-1h or CSS-1h Asphalt For Tack			\$ -
330.0210	Ton	SS-1h or CSS-1h Asphalt For Flush Seal			\$ -
330.0300	Ton	SS-1h or CSS-1h Asphalt For Fog Seal			\$ -
330.2000	Ton	Sand For Flush Seal			\$ -
330.3000	Ton	Sand For Fog Seal			\$ -
332.0010	SqYd	Cold Milling Asphalt Concrete	\$ 1.59	\$ 1.78	\$ 1.87
350.0010	Lb	Asphalt Concrete Crack Sealing	\$ 1.44	\$ 1.45	\$ 1.52
350.0030	Ft	Asphalt Concrete Crack Sealing	\$ 1.60	\$ 0.97	\$ 1.02
360.0040	Ton	CRS-2 Asphalt For Surface Treatment			\$ -
360.0042	Ton	CRS-2P Asphalt For Surface Treatment			\$ -
360.0046	Ton	HFMS-2P Asphalt For Surface Treatment			\$ -
360.0048	Ton	HFRS-2 Asphalt For Surface Treatment			\$ -
360.0050	Ton	HFRS-2P Asphalt For Surface Treatment			\$ -
360.0060	Ton	MC-800 Asphalt For Surface Treatment			\$ -
360.0070	Ton	RC-800 Asphalt For Surface Treatment			\$ -
360.0100	Gal	Emulsion For Macrosurfacing			\$ -
360.1010	Ton	Type 1A Cover Aggregate			\$ -
360.1020	Ton	Type 1B Cover Aggregate			\$ -
360.1030	Ton	Type 2A Cover Aggregate			\$ -
360.1040	Ton	Type 2B Cover Aggregate			\$ -
360.1050	Ton	Type 3 Cover Aggregate			\$ -
360.1100	Ton	Aggregate For Macrosurfacing			\$ -
360.1200	Ton	Modified Cover Aggregate			\$ -
380.0010	SqYd	6" Nonreinforced PCC Pavement	\$ 49.37	\$ 71.50	\$ 75.08
380.0020	SqYd	6.5" Nonreinforced PCC Pavement			\$ -
380.0030	SqYd	7" Nonreinforced PCC Pavement			\$ -
380.0040	SqYd	7.5" Nonreinforced PCC Pavement			\$ -
380.0050	SqYd	8" Nonreinforced PCC Pavement	\$ 65.32	\$ 50.04	\$ 52.54
380.0060	SqYd	8.5" Nonreinforced PCC Pavement	\$ 38.00		\$ -
380.0070	SqYd	9" Nonreinforced PCC Pavement	\$ 41.24	\$ 37.43	\$ 39.30

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380.0080	SqYd	9.5" Nonreinforced PCC Pavement			\$ -
380.0090	SqYd	10" Nonreinforced PCC Pavement		\$ 75.00	\$ 78.75
380.1000	SqYd	6" Miscellaneous PCC Pavement			\$ -
380.1010	SqYd	7" Miscellaneous PCC Pavement			\$ -
380.1020	SqYd	7.5" Miscellaneous PCC Pavement			\$ -
380.1030	SqYd	8" Miscellaneous PCC Pavement			\$ -
380.1040	SqYd	8.5" Miscellaneous PCC Pavement			\$ -
380.1050	SqYd	9" Miscellaneous PCC Pavement			\$ -
380.1060	SqYd	9.5" Miscellaneous PCC Pavement			\$ -
380.1070	SqYd	10" Miscellaneous PCC Pavement	\$ 71.00		\$ -
380.3000	SqYd	4" PCC Driveway Pavement	\$ 37.51		\$ -
380.3020	SqYd	6" PCC Driveway Pavement	\$ 49.01	\$ 51.00	\$ 53.55
380.3040	SqYd	8" PCC Driveway Pavement			\$ -
380.3042	SqYd	8" Fast Track Concrete Driveway Pavement	\$ 99.27		\$ -
380.3520	SqYd	6" PCC Approach Pavement	\$ 46.61	\$ 44.65	\$ 46.88
380.3540	SqYd	8" PCC Approach Pavement		\$ 67.83	\$ 71.22
380.3542	SqYd	8" Fast Track Concrete Approach Pavement		\$ 71.72	\$ 75.31
380.4010	SqYd	6" PCC Fillet Section	\$ 64.11	\$ 75.27	\$ 79.03
380.4020	SqYd	6.5" PCC Fillet Section			\$ -
380.4030	SqYd	7" PCC Fillet Section			\$ -
380.4040	SqYd	7.5" PCC Fillet Section			\$ -
380.4050	SqYd	8" PCC Fillet Section	\$ 86.14	\$ 85.28	\$ 89.54
380.4060	SqYd	8.5" PCC Fillet Section	\$ 60.00		\$ -
380.4070	SqYd	9" PCC Fillet Section	\$ 83.14	\$ 83.33	\$ 87.50
380.4080	SqYd	9.5" PCC Fillet Section			\$ -
380.4090	SqYd	10" PCC Fillet Section			\$ -
380.5010	SqYd	Fast Track Concrete		\$ 60.00	\$ 63.00
380.5020	SqYd	Fast Track Concrete For PCC Pavement Repair		\$ 103.58	\$ 108.76
380.5030	SqYd	Nonreinforced PCC Pavement Repair	\$ 151.95	\$ 177.28	\$ 186.14
380.5040	Ft	Underpinning For PCC Pavement Repair			\$ -
380.6110	Each	Insert Steel Bar in PCC Pavement	\$ 12.64	\$ 13.66	\$ 14.34
380.6300	Ft	Reseal PCC Pavement Joint			\$ -
380.6310	Ft	Seal Random Cracks in PCC Pavement			\$ -
380.9010	Each	Temporary Gravel Crossing	\$ 144.60	\$ 792.86	\$ 832.50
390.0100	Ft	Saw and Seal Joint			\$ -
390.0200	SqFt	Repair Type A Spall			\$ -
390.0210	SqFt	Repair Type B Spall			\$ -
420.0100	CuYd	Structure Excavation, Bridge		\$ 13.00	\$ 13.65
420.0200	CuYd	Structure Excavation, Box Culvert			\$ -
420.0250	CuYd	Structure Excavation, Light Tower			\$ -
420.0300	CuYd	Structure Excavation, Retaining Wall	\$ 11.77	\$ 22.00	\$ 23.10
420.0400	CuYd	Structure Excavation, Miscellaneous			\$ -
450.0102	Ft	12" RCP Class 2, Furnish			\$ -
450.0103	Ft	12" RCP Class 3, Furnish	\$ 17.87	\$ 11.54	\$ 12.12
450.0104	Ft	12" RCP Class 4, Furnish			\$ -
450.0105	Ft	12" RCP Class 5, Furnish			\$ -
450.0110	Ft	12" RCP, Install	\$ 23.42	\$ 43.19	\$ 45.35
450.0112	Ft	15" RCP Class 2, Furnish			\$ -
450.0113	Ft	15" RCP Class 3, Furnish	\$ 18.63	\$ 18.99	\$ 19.94
450.0114	Ft	15" RCP Class 4, Furnish		\$ 17.68	\$ 18.56
450.0115	Ft	15" RCP Class 5, Furnish			\$ -
450.0120	Ft	15" RCP, Install	\$ 28.38	\$ 26.13	\$ 27.44
450.0122	Ft	18" RCP Class 2, Furnish			\$ -
450.0123	Ft	18" RCP Class 3, Furnish	\$ 22.19	\$ 14.68	\$ 15.41
450.0124	Ft	18" RCP Class 4, Furnish			\$ -
450.0125	Ft	18" RCP Class 5, Furnish			\$ -
450.0130	Ft	18" RCP, Install	\$ 28.28	\$ 27.40	\$ 28.77
450.0132	Ft	21" RCP Class 2, Furnish			\$ -
450.0133	Ft	21" RCP Class 3, Furnish			\$ -
450.0134	Ft	21" RCP Class 4, Furnish			\$ -
450.0135	Ft	21" RCP Class 5, Furnish			\$ -
450.0140	Ft	21" RCP, Install			\$ -
450.0142	Ft	24" RCP Class 2, Furnish			\$ -
450.0143	Ft	24" RCP Class 3, Furnish	\$ 31.53	\$ 21.47	\$ 22.54
450.0144	Ft	24" RCP Class 4, Furnish			\$ -
450.0145	Ft	24" RCP Class 5, Furnish			\$ -

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450.0149	Ft	24" RCP For Jacking, Furnish			\$ -
450.0150	Ft	24" RCP, Install	\$ 27.72	\$ 23.29	\$ 24.45
450.0152	Ft	27" RCP Class 2, Furnish			\$ -
450.0153	Ft	27" RCP Class 3, Furnish			\$ -
450.0154	Ft	27" RCP Class 4, Furnish			\$ -
450.0155	Ft	27" RCP Class 5, Furnish			\$ -
450.0160	Ft	27" RCP, Install			\$ -
450.0162	Ft	30" RCP Class 2, Furnish		\$ 21.92	\$ 23.02
450.0163	Ft	30" RCP Class 3, Furnish	\$ 44.19	\$ 36.89	\$ 38.73
450.0164	Ft	30" RCP Class 4, Furnish		\$ 48.00	\$ 50.40
450.0165	Ft	30" RCP Class 5, Furnish	\$ 81.00		\$ -
450.0168	Ft	30" RCP Class 5000D, Furnish			\$ -
450.0169	Ft	30" RCP For Jacking, Furnish			\$ -
450.0170	Ft	30" RCP, Install	\$ 36.36	\$ 42.09	\$ 44.19
450.0182	Ft	36" RCP Class 2, Furnish			\$ -
450.0183	Ft	36" RCP Class 3, Furnish	\$ 65.25	\$ 51.85	\$ 54.44
450.0184	Ft	36" RCP Class 4, Furnish			\$ -
450.0185	Ft	36" RCP Class 5, Furnish			\$ -
450.0189	Ft	36" RCP For Jacking, Furnish			\$ -
450.0190	Ft	36" RCP, Install	\$ 40.64	\$ 34.98	\$ 36.73
450.0192	Ft	42" RCP Class 2, Furnish		\$ 37.49	\$ 39.36
450.0193	Ft	42" RCP Class 3, Furnish		\$ 86.32	\$ 90.64
450.0194	Ft	42" RCP Class 4, Furnish			\$ -
450.0195	Ft	42" RCP Class 5, Furnish			\$ -
450.0196	Ft	42" RCP Class 4000D, Furnish			\$ -
450.0197	Ft	42" RCP Class 3600D, Furnish			\$ -
450.0199	Ft	42" RCP For Jacking, Furnish			\$ -
450.0200	Ft	42" RCP, Install		\$ 37.89	\$ 39.78
450.0202	Ft	48" RCP Class 2, Furnish			\$ -
450.0203	Ft	48" RCP Class 3, Furnish	\$ 117.01	\$ 95.50	\$ 100.28
450.0204	Ft	48" RCP Class 4, Furnish			\$ -
450.0205	Ft	48" RCP Class 5, Furnish			\$ -
450.0209	Ft	48" RCP For Jacking, Furnish			\$ -
450.0210	Ft	48" RCP, Install	\$ 42.55	\$ 70.00	\$ 73.50
450.0212	Ft	54" RCP Class 2, Furnish			\$ -
450.0213	Ft	54" RCP Class 3, Furnish		\$ 156.00	\$ 163.80
450.0214	Ft	54" RCP Class 4, Furnish			\$ -
450.0215	Ft	54" RCP Class 5, Furnish			\$ -
450.0219	Ft	54" RCP For Jacking, Furnish			\$ -
450.0220	Ft	54" RCP, Install		\$ 52.00	\$ 54.60
450.0222	Ft	60" RCP Class 2, Furnish			\$ -
450.0223	Ft	60" RCP Class 3, Furnish	\$ 180.00		\$ -
450.0224	Ft	60" RCP Class 4, Furnish			\$ -
450.0225	Ft	60" RCP Class 5, Furnish			\$ -
450.0230	Ft	60" RCP, Install	\$ 60.00		\$ -
450.0232	Ft	66" RCP Class 2, Furnish			\$ -
450.0233	Ft	66" RCP Class 3, Furnish			\$ -
450.0234	Ft	66" RCP Class 4, Furnish	\$ 355.00		\$ -
450.0235	Ft	66" RCP Class 5, Furnish			\$ -
450.0240	Ft	66" RCP, Install	\$ 81.50		\$ -
450.0242	Ft	72" RCP Class 2, Furnish			\$ -
450.0243	Ft	72" RCP Class 3, Furnish			\$ -
450.0244	Ft	72" RCP Class 4, Furnish			\$ -
450.0245	Ft	72" RCP Class 5, Furnish			\$ -
450.0250	Ft	72" RCP, Install			\$ -
450.0252	Ft	78" RCP Class 2, Furnish			\$ -
450.0253	Ft	78" RCP Class 3, Furnish			\$ -
450.0254	Ft	78" RCP Class 4, Furnish			\$ -
450.0255	Ft	78" RCP Class 5, Furnish			\$ -
450.0260	Ft	78" RCP, Install			\$ -
450.0262	Ft	84" RCP Class 2, Furnish			\$ -
450.0263	Ft	84" RCP Class 3, Furnish			\$ -
450.0264	Ft	84" RCP Class 4, Furnish			\$ -
450.0265	Ft	84" RCP Class 5, Furnish			\$ -
450.0270	Ft	84" RCP, Install			\$ -
450.0272	Ft	90" RCP Class 2, Furnish			\$ -
450.0273	Ft	90" RCP Class 3, Furnish			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.0274	Ft	90" RCP Class 4, Furnish			\$ -
450.0275	Ft	90" RCP Class 5, Furnish			\$ -
450.0280	Ft	90" RCP, Install			\$ -
450.0282	Ft	96" RCP Class 2, Furnish			\$ -
450.0283	Ft	96" RCP Class 3, Furnish			\$ -
450.0284	Ft	96" RCP Class 4, Furnish			\$ -
450.0285	Ft	96" RCP Class 5, Furnish			\$ -
450.0290	Ft	96" RCP, Install			\$ -
450.0303	Ft	108" RCP Class 3, Furnish			\$ -
450.0304	Ft	108" RCP Class 4, Furnish			\$ -
450.0310	Ft	108" RCP, Install			\$ -
450.0400	Each	12" RCP Bend, Furnish			\$ -
450.0401	Each	12" RCP Bend, Install			\$ -
450.0404	Each	15" RCP Bend, Furnish			\$ -
450.0405	Each	15" RCP Bend, Install			\$ -
450.0408	Each	18" RCP Bend, Furnish		\$ 416.00	\$ 436.80
450.0409	Each	18" RCP Bend, Install		\$ 312.00	\$ 327.60
450.0412	Each	21" RCP Bend, Furnish			\$ -
450.0413	Each	21" RCP Bend, Install			\$ -
450.0416	Each	24" RCP Bend, Furnish	\$ 703.25	\$ 572.00	\$ 600.60
450.0417	Each	24" RCP Bend, Install	\$ 255.63	\$ 312.00	\$ 327.60
450.0420	Each	27" RCP Bend, Furnish			\$ -
450.0421	Each	27" RCP Bend, Install			\$ -
450.0424	Each	30" RCP Bend, Furnish			\$ -
450.0425	Each	30" RCP Bend, Install			\$ -
450.0428	Each	36" RCP Bend, Furnish		\$ 1,144.00	\$ 1,201.20
450.0429	Each	36" RCP Bend, Install		\$ 416.00	\$ 436.80
450.0432	Each	42" RCP Bend, Furnish			\$ -
450.0433	Each	42" RCP Bend, Install			\$ -
450.0436	Each	48" RCP Bend, Furnish	\$ 2,100.00		\$ -
450.0437	Each	48" RCP Bend, Install	\$ 350.00		\$ -
450.0440	Each	54" RCP Bend, Furnish			\$ -
450.0441	Each	54" RCP Bend, Install			\$ -
450.0444	Each	60" RCP Bend, Furnish			\$ -
450.0445	Each	60" RCP Bend, Install			\$ -
450.0448	Each	66" RCP Bend, Furnish			\$ -
450.0449	Each	66" RCP Bend, Install			\$ -
450.0452	Each	72" RCP Bend, Furnish			\$ -
450.0453	Each	72" RCP Bend, Install			\$ -
450.0460	Each	84" RCP Bend, Furnish			\$ -
450.0461	Each	84" RCP Bend, Install			\$ -
450.0700	Each	RCP Tee, Furnish			\$ -
450.0701	Each	RCP Tee, Install			\$ -
450.2000	Each	12" RCP Flared End, Furnish	\$ 544.00		\$ -
450.2001	Each	12" RCP Flared End, Install	\$ 344.00		\$ -
450.2004	Each	15" RCP Flared End, Furnish	\$ 438.59		\$ -
450.2005	Each	15" RCP Flared End, Install	\$ 219.50		\$ -
450.2008	Each	18" RCP Flared End, Furnish	\$ 557.80	\$ 414.70	\$ 435.44
450.2009	Each	18" RCP Flared End, Install	\$ 205.22	\$ 215.00	\$ 225.75
450.2012	Each	21" RCP Flared End, Furnish			\$ -
450.2013	Each	21" RCP Flared End, Install			\$ -
450.2016	Each	24" RCP Flared End, Furnish	\$ 565.13	\$ 445.60	\$ 467.88
450.2017	Each	24" RCP Flared End, Install	\$ 192.42	\$ 255.36	\$ 268.13
450.2020	Each	27" RCP Flared End, Furnish			\$ -
450.2021	Each	27" RCP Flared End, Install			\$ -
450.2024	Each	30" RCP Flared End, Furnish	\$ 597.88		\$ -
450.2025	Each	30" RCP Flared End, Install	\$ 271.66	\$ 409.45	\$ 429.92
450.2028	Each	36" RCP Flared End, Furnish	\$ 841.68		\$ -
450.2029	Each	36" RCP Flared End, Install	\$ 258.50		\$ -
450.2032	Each	42" RCP Flared End, Furnish		\$ 780.00	\$ 819.00
450.2033	Each	42" RCP Flared End, Install		\$ 416.00	\$ 436.80
450.2036	Each	48" RCP Flared End, Furnish	\$ 310.20	\$ 920.00	\$ 966.00
450.2037	Each	48" RCP Flared End, Install	\$ 1,108.45	\$ 300.00	\$ 315.00
450.2040	Each	54" RCP Flared End, Furnish			\$ -
450.2041	Each	54" RCP Flared End, Install			\$ -
450.2044	Each	60" RCP Flared End, Furnish			\$ -
450.2045	Each	60" RCP Flared End, Install			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.2048	Each	66" RCP Flared End, Furnish	\$ 2,360.00		\$ -
450.2049	Each	66" RCP Flared End, Install	\$ 688.00		\$ -
450.2052	Each	72" RCP Flared End, Furnish			\$ -
450.2053	Each	72" RCP Flared End, Install			\$ -
450.2056	Each	78" RCP Flared End, Furnish			\$ -
450.2057	Each	78" RCP Flared End, Install			\$ -
450.2060	Each	84" RCP Flared End, Furnish			\$ -
450.2061	Each	84" RCP Flared End, Install			\$ -
450.2064	Each	90" RCP Flared End, Furnish			\$ -
450.2065	Each	90" RCP Flared End, Install			\$ -
450.2200	Each	24" RCP Sloped End, Furnish			\$ -
450.2201	Each	24" RCP Sloped End, Install			\$ -
450.2204	Each	30" RCP Sloped End, Furnish			\$ -
450.2205	Each	30" RCP Sloped End, Install			\$ -
450.2207	Each	36" RCP Sloped End with Bars, Furnish			\$ -
450.2208	Each	36" RCP Sloped End, Furnish			\$ -
450.2209	Each	36" RCP Sloped End, Install			\$ -
450.2211	Each	42" RCP Sloped End with Bars, Furnish			\$ -
450.2212	Each	42" RCP Sloped End, Furnish			\$ -
450.2213	Each	42" RCP Sloped End, Install			\$ -
450.2216	Each	48" RCP Sloped End, Furnish			\$ -
450.2217	Each	48" RCP Sloped End, Install			\$ -
450.2220	Each	54" RCP Sloped End, Furnish			\$ -
450.2221	Each	54" RCP Sloped End, Install			\$ -
450.2224	Each	60" RCP Sloped End, Furnish			\$ -
450.2225	Each	60" RCP Sloped End, Install			\$ -
450.2250	Each	96" RCP Sectional End, Furnish			\$ -
450.2251	Each	96" RCP Sectional End, Install			\$ -
450.2254	Each	108" RCP Sectional End, Furnish			\$ -
450.2255	Each	108" RCP Sectional End, Install			\$ -
450.2258	Each	120" RCP Sectional End, Furnish			\$ -
450.2259	Each	120" RCP Sectional End, Install			\$ -
450.2300	Each	15" RCP Safety End, Furnish			\$ -
450.2301	Each	15" RCP Safety End with Bars, Furnish			\$ -
450.2303	Each	15" RCP Safety End, Install			\$ -
450.2304	Each	18" RCP Safety End, Furnish		\$ 416.00	\$ 436.80
450.2305	Each	18" RCP Safety End with Bars, Furnish			\$ -
450.2307	Each	18" RCP Safety End, Install		\$ 312.00	\$ 327.60
450.2308	Each	24" RCP Safety End, Furnish		\$ 624.00	\$ 655.20
450.2309	Each	24" RCP Safety End with Bars, Furnish			\$ -
450.2311	Each	24" RCP Safety End, Install		\$ 312.00	\$ 327.60
450.2400	Each	RCP Arch to Round Transition Furnish			\$ -
450.2401	Each	RCP Arch to Round Transition Install			\$ -
450.2402	Each	RCP Round to Arch Transition Furnish			\$ -
450.2403	Each	RCP Round to Arch Transition Install			\$ -
450.3002	Ft	18" RCP Arch Class 2, Furnish			\$ -
450.3003	Ft	18" RCP Arch Class 3, Furnish	\$ 48.80		\$ -
450.3004	Ft	18" RCP Arch Class 4, Furnish			\$ -
450.3010	Ft	18" RCP Arch, Install	\$ 27.80		\$ -
450.3012	Ft	24" RCP Arch Class 2, Furnish			\$ -
450.3013	Ft	24" RCP Arch Class 3, Furnish	\$ 54.80		\$ -
450.3020	Ft	24" RCP Arch, Install	\$ 36.19		\$ -
450.3022	Ft	30" RCP Arch Class 2, Furnish			\$ -
450.3023	Ft	30" RCP Arch Class 3, Furnish			\$ -
450.3024	Ft	30" RCP Arch Class 4, Furnish			\$ -
450.3030	Ft	30" RCP Arch, Install		\$ 58.00	\$ 60.90
450.3032	Ft	36" RCP Arch Class 2, Furnish			\$ -
450.3033	Ft	36" RCP Arch Class 3, Furnish	\$ 101.65		\$ -
450.3034	Ft	36" RCP Arch Class 4, Furnish			\$ -
450.3040	Ft	36" RCP Arch, Install	\$ 29.36		\$ -
450.3042	Ft	42" RCP Arch Class 2, Furnish			\$ -
450.3043	Ft	42" RCP Arch Class 3, Furnish			\$ -
450.3044	Ft	42" RCP Arch Class 4, Furnish			\$ -
450.3049	Ft	42" RCP Arch For Jacking, Furnish	\$ 119.85		\$ -
450.3050	Ft	42" RCP Arch, Install	\$ 29.56		\$ -
450.3052	Ft	48" RCP Arch Class 2, Furnish			\$ -
450.3053	Ft	48" RCP Arch Class 3, Furnish	\$ 144.05	\$ 145.60	\$ 152.88



Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.3054	Ft	48" RCP Arch Class 4, Furnish			\$ -
450.3060	Ft	48" RCP Arch, Install	\$ 48.90	\$ 41.60	\$ 43.68
450.3062	Ft	54" RCP Arch Class 2, Furnish			\$ -
450.3063	Ft	54" RCP Arch Class 3, Furnish	\$ 177.00	\$ 176.80	\$ 185.64
450.3064	Ft	54" RCP Arch Class 4, Furnish			\$ -
450.3070	Ft	54" RCP Arch, Install	\$ 35.00	\$ 46.80	\$ 49.14
450.3072	Ft	60" RCP Arch Class 2, Furnish			\$ -
450.3073	Ft	60" RCP Arch Class 3, Furnish		\$ 228.80	\$ 240.24
450.3074	Ft	60" RCP Arch Class 4, Furnish			\$ -
450.3080	Ft	60" RCP Arch, Install			\$ -
450.3082	Ft	72" RCP Arch Class 2, Furnish			\$ -
450.3083	Ft	72" RCP Arch Class 3, Furnish			\$ -
450.3084	Ft	72" RCP Arch Class 4, Furnish			\$ -
450.3090	Ft	72" RCP Arch, Install			\$ -
450.3092	Ft	84" RCP Arch Class 2, Furnish			\$ -
450.3093	Ft	84" RCP Arch Class 3, Furnish			\$ -
450.3094	Ft	84" RCP Arch Class 4, Furnish			\$ -
450.1300	Ft	84" RCP Arch, Install			\$ -
450.1302	Ft	96" RCP Arch Class 2, Furnish			\$ -
450.1310	Ft	96" RCP Arch, Install			\$ -
450.1312	Ft	108" RCP Arch Class 2, Furnish			\$ -
450.1320	Ft	108" RCP Arch, Install			\$ -
450.3304	Each	18" RCP Arch Bend, Furnish			\$ -
450.3305	Each	18" RCP Arch Bend, Install			\$ -
450.3308	Each	21" RCP Arch Bend, Furnish			\$ -
450.3309	Each	21" RCP Arch Bend, Install			\$ -
450.3312	Each	24" RCP Arch Bend, Furnish			\$ -
450.3313	Each	24" RCP Arch Bend, Install			\$ -
450.3316	Each	27" RCP Arch Bend, Furnish			\$ -
450.3317	Each	27" RCP Arch Bend, Install			\$ -
450.3320	Each	30" RCP Arch Bend, Furnish			\$ -
450.3321	Each	30" RCP Arch Bend, Install			\$ -
450.3324	Each	36" RCP Arch Bend, Furnish			\$ -
450.3325	Each	36" RCP Arch Bend, Install			\$ -
450.3328	Each	42" RCP Arch Bend, Furnish			\$ -
450.3329	Each	42" RCP Arch Bend, Install			\$ -
450.3332	Each	48" RCP Arch Bend, Furnish			\$ -
450.3333	Each	48" RCP Arch Bend, Install			\$ -
450.3336	Each	54" RCP Arch Bend, Furnish			\$ -
450.3337	Each	54" RCP Arch Bend, Install	\$ 400.00		\$ -
450.3340	Each	60" RCP Arch Bend, Furnish			\$ -
450.3341	Each	60" RCP Arch Bend, Install			\$ -
450.3344	Each	66" RCP Arch Bend, Furnish			\$ -
450.3345	Each	66" RCP Arch Bend, Install			\$ -
450.3348	Each	72" RCP Arch Bend, Furnish			\$ -
450.3349	Each	72" RCP Arch Bend, Install			\$ -
450.3352	Each	78" RCP Arch Bend, Furnish			\$ -
450.3353	Each	78" RCP Arch Bend, Install			\$ -
450.3356	Each	84" RCP Arch Bend, Furnish			\$ -
450.3357	Each	84" RCP Arch Bend, Install			\$ -
450.4500	Each	18" RCP Arch Flared End, Furnish	\$ 1,088.90		\$ -
450.4501	Each	18" RCP Arch Flared End, Install	\$ 536.10		\$ -
450.4504	Each	24" RCP Arch Flared End, Furnish			\$ -
450.4505	Each	24" RCP Arch Flared End, Install			\$ -
450.4508	Each	30" RCP Arch Flared End, Furnish			\$ -
450.4509	Each	30" RCP Arch Flared End, Install			\$ -
450.4512	Each	36" RCP Arch Flared End, Furnish			\$ -
450.4513	Each	36" RCP Arch Flared End, Install			\$ -
450.4516	Each	42" RCP Arch Flared End, Furnish		\$ 800.00	\$ 840.00
450.4517	Each	42" RCP Arch Flared End, Install		\$ 650.00	\$ 682.50
450.4520	Each	48" RCP Arch Flared End, Furnish			\$ -
450.4521	Each	48" RCP Arch Flared End, Install			\$ -
450.4524	Each	54" RCP Arch Flared End, Furnish			\$ -
450.4525	Each	54" RCP Arch Flared End, Install			\$ -
450.4528	Each	60" RCP Arch Flared End, Furnish		\$ 1,560.00	\$ 1,638.00
450.4529	Each	60" RCP Arch Flared End, Install		\$ 364.00	\$ 382.20
450.4532	Each	72" RCP Arch Flared End, Furnish			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.4533	Each	72" RCP Arch Flared End, Install			\$ -
450.4536	Each	84" RCP Arch Flared End, Furnish			\$ -
450.4537	Each	84" RCP Arch Flared End, Install			\$ -
450.4600	Each	24" RCP Arch Sloped End, Furnish			\$ -
450.4601	Each	24" RCP Arch Sloped End, Install			\$ -
450.4604	Each	30" RCP Arch Sloped End, Furnish			\$ -
450.4605	Each	30" RCP Arch Sloped End, Install			\$ -
450.4606	Each	36" RCP Arch Sloped End, Furnish			\$ -
450.4607	Each	36" RCP Arch Sloped End, Install			\$ -
450.4608	Each	42" RCP Arch Sloped End, Furnish			\$ -
450.4609	Each	42" RCP Arch Sloped End, Install			\$ -
450.4637	Each	96" RCP Arch Sectional End, Furnish			\$ -
450.4638	Each	96" RCP Arch Sectional End, Install			\$ -
450.4650	Each	18" RCP Arch Safety End, Furnish			\$ -
450.4651	Each	18" RCP Arch Safety End with Bars, Furnish			\$ -
450.4653	Each	18" RCP Arch Safety End, Install			\$ -
450.4709	Ft	6" CMP 16 Gauge, Furnish			\$ -
450.4710	Ft	6" CMP, Install			\$ -
450.4719	Ft	8" CMP 16 Gauge, Furnish			\$ -
450.4720	Ft	8" CMP, Install			\$ -
450.4729	Ft	10" CMP 16 Gauge, Furnish			\$ -
450.4730	Ft	10" CMP, Install			\$ -
450.4739	Ft	12" CMP 16 Gauge, Furnish	\$ 10.18	\$ 11.66	\$ 12.24
450.4740	Ft	12" CMP, Install	\$ 20.68	\$ 40.00	\$ 42.00
450.4749	Ft	15" CMP 16 Gauge, Furnish		\$ 15.89	\$ 16.68
450.4750	Ft	15" CMP, Install			\$ -
450.4759	Ft	18" CMP 16 Gauge, Furnish	\$ 19.80		\$ -
450.4760	Ft	18" CMP, Install	\$ 10.00	\$ 14.47	\$ 15.19
450.4768	Ft	24" CMP 14 Gauge, Furnish			\$ -
450.4769	Ft	24" CMP 16 Gauge, Furnish			\$ -
450.4770	Ft	24" CMP, Install			\$ -
450.4777	Ft	30" CMP 12 Gauge, Furnish			\$ -
450.4778	Ft	30" CMP 14 Gauge, Furnish			\$ -
450.4779	Ft	30" CMP 16 Gauge, Furnish	\$ 30.00		\$ -
450.4780	Ft	30" CMP, Install	\$ 70.00		\$ -
450.4787	Ft	36" CMP 12 Gauge, Furnish			\$ -
450.4788	Ft	36" CMP 14 Gauge, Furnish			\$ -
450.4789	Ft	36" CMP 16 Gauge, Furnish		\$ 31.67	\$ 33.25
450.4790	Ft	36" CMP, Install		\$ 21.09	\$ 22.14
450.4797	Ft	42" CMP 3x1 12 Gauge, Furnish			\$ -
450.4798	Ft	42" CMP 3x1 14 Gauge, Furnish			\$ -
450.4799	Ft	42" CMP 3x1 16 Gauge, Furnish			\$ -
450.4800	Ft	42" CMP, Install			\$ -
450.4807	Ft	48" CMP 3x1 12 Gauge, Furnish			\$ -
450.4808	Ft	48" CMP 3x1 14 Gauge, Furnish			\$ -
450.4809	Ft	48" CMP 3x1 16 Gauge, Furnish			\$ -
450.4810	Ft	48" CMP, Install			\$ -
450.4817	Ft	54" CMP 3x1 12 Gauge, Furnish			\$ -
450.4818	Ft	54" CMP 3x1 14 Gauge, Furnish			\$ -
450.4819	Ft	54" CMP 3x1 16 Gauge, Furnish			\$ -
450.4820	Ft	54" CMP, Install			\$ -
450.4827	Ft	60" CMP 3x1 12 Gauge, Furnish			\$ -
450.4828	Ft	60" CMP 3x1 14 Gauge, Furnish			\$ -
450.4829	Ft	60" CMP 3x1 16 Gauge, Furnish			\$ -
450.4830	Ft	60" CMP, Install			\$ -
450.4837	Ft	66" CMP 3x1 12 Gauge, Furnish			\$ -
450.4838	Ft	66" CMP 3x1 14 Gauge, Furnish			\$ -
450.4839	Ft	66" CMP 3x1 16 Gauge, Furnish			\$ -
450.4840	Ft	66" CMP, Install			\$ -
450.4847	Ft	72" CMP 3x1 10 Gauge, Furnish			\$ -
450.4848	Ft	72" CMP 3x1 12 Gauge, Furnish			\$ -
450.4849	Ft	72" CMP 3x1 14 Gauge, Furnish			\$ -
450.4850	Ft	72" CMP, Install			\$ -
450.4857	Ft	78" CMP 3x1 10 Gauge, Furnish			\$ -
450.4858	Ft	78" CMP 3x1 12 Gauge, Furnish			\$ -
450.4859	Ft	78" CMP 3x1 14 Gauge, Furnish			\$ -
450.4860	Ft	78" CMP, Install			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.4867	Ft	84" CMP 3x1 10 Gauge, Furnish			\$ -
450.4868	Ft	84" CMP 3x1 12 Gauge, Furnish			\$ -
450.4869	Ft	84" CMP 3x1 14 Gauge, Furnish			\$ -
450.4870	Ft	84" CMP, Install			\$ -
450.4877	Ft	90" CMP 3x1 10 Gauge, Furnish			\$ -
450.4878	Ft	90" CMP 3x1 12 Gauge, Furnish			\$ -
450.4879	Ft	90" CMP 3x1 14 Gauge, Furnish			\$ -
450.4880	Ft	90" CMP, Install			\$ -
450.4887	Ft	96" CMP 3x1 8 Gauge, Furnish			\$ -
450.4888	Ft	96" CMP 3x1 10 Gauge, Furnish			\$ -
450.4889	Ft	96" CMP 3x1 12 Gauge, Furnish			\$ -
450.4890	Ft	96" CMP, Install			\$ -
450.4994	Ft	108" CMP 5x1 10 Gauge, Furnish			\$ -
450.4999	Ft	108" CMP, Install			\$ -
450.5000	Each	12" CMP Elbow, Furnish			\$ -
450.5001	Each	12" CMP Elbow, Install			\$ -
450.5005	Each	15" CMP Elbow, Furnish			\$ -
450.5006	Each	15" CMP Elbow, Install			\$ -
450.5010	Each	18" CMP Elbow, Furnish			\$ -
450.5011	Each	18" CMP Elbow, Install			\$ -
450.5015	Each	24" CMP Elbow, Furnish			\$ -
450.5016	Each	24" CMP Elbow, Install			\$ -
450.5020	Each	30" CMP Elbow, Furnish	\$ 600.00		\$ -
450.5021	Each	30" CMP Elbow, Install	\$ 600.00		\$ -
450.5025	Each	36" CMP Elbow, Furnish			\$ -
450.5026	Each	36" CMP Elbow, Install			\$ -
450.5030	Each	42" CMP Elbow, Furnish			\$ -
450.5031	Each	42" CMP Elbow, Install			\$ -
450.5035	Each	48" CMP Elbow, Furnish			\$ -
450.5036	Each	48" CMP Elbow, Install			\$ -
450.5040	Each	54" CMP Elbow, Furnish			\$ -
450.5041	Each	54" CMP Elbow, Install			\$ -
450.5045	Each	60" CMP Elbow, Furnish			\$ -
450.5046	Each	60" CMP Elbow, Install			\$ -
450.5050	Each	66" CMP Elbow, Furnish			\$ -
450.5051	Each	66" CMP Elbow, Install			\$ -
450.5055	Each	72" CMP Elbow, Furnish			\$ -
450.5056	Each	72" CMP Elbow, Install			\$ -
450.5060	Each	78" CMP Elbow, Furnish			\$ -
450.5061	Each	78" CMP Elbow, Install			\$ -
450.5065	Each	84" CMP Elbow, Furnish			\$ -
450.5066	Each	84" CMP Elbow, Install			\$ -
450.5070	Each	90" CMP Elbow, Furnish			\$ -
450.5071	Each	90" CMP Elbow, Install			\$ -
450.5075	Each	96" CMP Elbow, Furnish			\$ -
450.5076	Each	96" CMP Elbow, Install			\$ -
450.5100	Each	CMP Tee, Furnish			\$ -
450.5101	Each	CMP Tee, Install			\$ -
450.5120	Each	CMP Cross, Furnish			\$ -
450.5121	Each	CMP Cross, Install			\$ -
450.5140	Each	CMP Wye, Furnish			\$ -
450.5141	Each	CMP Wye, Install			\$ -
450.5160	Each	CMP Reducer, Furnish			\$ -
450.5161	Each	CMP Reducer, Install			\$ -
450.5203	Each	12" CMP Flared End, Furnish	\$ 74.45		\$ -
450.5204	Each	12" CMP Flared End, Install	\$ 129.25		\$ -
450.5207	Each	15" CMP Flared End, Furnish			\$ -
450.5208	Each	15" CMP Flared End, Install			\$ -
450.5211	Each	18" CMP Flared End, Furnish			\$ -
450.5212	Each	18" CMP Flared End, Install			\$ -
450.5215	Each	24" CMP Flared End, Furnish			\$ -
450.5216	Each	24" CMP Flared End, Install			\$ -
450.5219	Each	30" CMP Flared End, Furnish			\$ -
450.5220	Each	30" CMP Flared End, Install			\$ -
450.5223	Each	36" CMP Flared End, Furnish		\$ 342.09	\$ 359.19
450.5224	Each	36" CMP Flared End, Install		\$ 150.00	\$ 157.50
450.5227	Each	42" CMP Flared End, Furnish			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.5228	Each	42" CMP Flared End, Install			\$ -
450.5231	Each	48" CMP Flared End, Furnish			\$ -
450.5232	Each	48" CMP Flared End, Install			\$ -
450.5235	Each	54" CMP Flared End, Furnish			\$ -
450.5236	Each	54" CMP Flared End, Install			\$ -
450.5239	Each	60" CMP Flared End, Furnish			\$ -
450.5240	Each	60" CMP Flared End, Install			\$ -
450.5243	Each	66" CMP Flared End, Furnish			\$ -
450.5244	Each	66" CMP Flared End, Install			\$ -
450.5247	Each	72" CMP Flared End, Furnish			\$ -
450.5248	Each	72" CMP Flared End, Install			\$ -
450.5251	Each	78" CMP Flared End, Furnish			\$ -
450.5252	Each	78" CMP Flared End, Install			\$ -
450.5255	Each	84" CMP Flared End, Furnish			\$ -
450.5256	Each	84" CMP Flared End, Install			\$ -
450.5280	Each	84" CMP Step Beveled End, Furnish			\$ -
450.5281	Each	84" CMP Step Beveled End, Install			\$ -
450.5290	Each	108" CMP Step Beveled End, Furnish			\$ -
450.5291	Each	108" CMP Step Beveled End, Install			\$ -
450.5302	Each	15" CMP Sloped End, Furnish			\$ -
450.5303	Each	15" CMP Sloped End, Install			\$ -
450.5306	Each	18" CMP Sloped End, Furnish		\$ 164.20	\$ 172.41
450.5307	Each	18" CMP Sloped End, Install		\$ 100.00	\$ 105.00
450.5310	Each	24" CMP Sloped End, Furnish			\$ -
450.5311	Each	24" CMP Sloped End, Install			\$ -
450.5314	Each	30" CMP Sloped End, Furnish			\$ -
450.5315	Each	30" CMP Sloped End, Install			\$ -
450.5317	Each	36" CMP Sloped End with Bars, Furnish			\$ -
450.5318	Each	36" CMP Sloped End, Furnish			\$ -
450.5319	Each	36" CMP Sloped End, Install			\$ -
450.5322	Each	42" CMP Sloped End, Furnish			\$ -
450.5323	Each	42" CMP Sloped End, Install			\$ -
450.5326	Each	48" CMP Sloped End, Furnish			\$ -
450.5327	Each	48" CMP Sloped End, Install			\$ -
450.5330	Each	54" CMP Sloped End, Furnish			\$ -
450.5331	Each	54" CMP Sloped End, Install			\$ -
450.5334	Each	60" CMP Sloped End, Furnish			\$ -
450.5335	Each	60" CMP Sloped End, Install			\$ -
450.5402	Each	15" CMP Safety End, Furnish			\$ -
450.5403	Each	15" CMP Safety End, Install			\$ -
450.5405	Each	18" CMP Safety End with Bars, Furnish			\$ -
450.5406	Each	18" CMP Safety End, Furnish	\$ 303.30	\$ 184.72	\$ 193.96
450.5407	Each	18" CMP Safety End, Install	\$ 75.00	\$ 100.00	\$ 105.00
450.5409	Each	24" CMP Safety End with Bars, Furnish			\$ -
450.5410	Each	24" CMP Safety End, Furnish			\$ -
450.5411	Each	24" CMP Safety End, Install			\$ -
450.5414	Each	30" CMP Safety End, Furnish			\$ -
450.5415	Each	30" CMP Safety End with Bars, Furnish			\$ -
450.5417	Each	30" CMP Safety End, Install			\$ -
450.5420	Each	36" CMP Safety End, Furnish			\$ -
450.5421	Each	36" CMP Safety End with Bars, Furnish			\$ -
450.5423	Each	36" CMP Safety End, Install			\$ -
450.5426	Each	42" CMP Safety End, Furnish			\$ -
450.5427	Each	42" CMP Safety End with Bars, Furnish			\$ -
450.5429	Each	42" CMP Safety End, Install			\$ -
450.5432	Each	48" CMP Safety End, Furnish			\$ -
450.5433	Each	48" CMP Safety End with Bars, Furnish			\$ -
450.5435	Each	48" CMP Safety End, Install			\$ -
450.5438	Each	54" CMP Safety End, Furnish			\$ -
450.5439	Each	54" CMP Safety End with Bars, Furnish			\$ -
450.5441	Each	54" CMP Safety End, Install			\$ -
450.5444	Each	60" CMP Safety End, Furnish			\$ -
450.5445	Each	60" CMP Safety End with Bars, Furnish			\$ -
450.5447	Each	60" CMP Safety End, Install			\$ -
450.5509	Ft	18" CMP Arch 16 Gauge, Furnish			\$ -
450.5510	Ft	18" CMP Arch, Install			\$ -
450.5519	Ft	24" CMP Arch 16 Gauge, Furnish			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.5520	Ft	24" CMP Arch, Install			\$ -
450.5529	Ft	30" CMP Arch 16 Gauge, Furnish			\$ -
450.5530	Ft	30" CMP Arch, Install			\$ -
450.5539	Ft	36" CMP Arch 16 Gauge, Furnish			\$ -
450.5540	Ft	36" CMP Arch, Install			\$ -
450.5549	Ft	42" CMP Arch 14 Gauge, Furnish			\$ -
450.5550	Ft	42" CMP Arch, Install			\$ -
450.5559	Ft	48" CMP Arch 3x1 14 Gauge, Furnish			\$ -
450.5560	Ft	48" CMP Arch, Install			\$ -
450.5569	Ft	54" CMP Arch 3x1 14 Gauge, Furnish			\$ -
450.5570	Ft	54" CMP Arch, Install			\$ -
450.5579	Ft	60" CMP Arch 3x1 14 Gauge, Furnish			\$ -
450.5580	Ft	60" CMP Arch, Install			\$ -
450.5589	Ft	72" CMP Arch 3x1 14 Gauge, Furnish			\$ -
450.5590	Ft	72" CMP Arch, Install			\$ -
450.5599	Ft	84" CMP Arch 3x1 14 Gauge, Furnish			\$ -
450.5600	Ft	84" CMP Arch, Install			\$ -
450.5710	Each	18" CMP Arch Elbow, Furnish			\$ -
450.5711	Each	18" CMP Arch Elbow, Install			\$ -
450.5715	Each	24" CMP Arch Elbow, Furnish			\$ -
450.5716	Each	24" CMP Arch Elbow, Install			\$ -
450.5720	Each	30" CMP Arch Elbow, Furnish			\$ -
450.5721	Each	30" CMP Arch Elbow, Install			\$ -
450.5725	Each	36" CMP Arch Elbow, Furnish			\$ -
450.5726	Each	36" CMP Arch Elbow, Install			\$ -
450.5730	Each	42" CMP Arch Elbow, Furnish			\$ -
450.5731	Each	42" CMP Arch Elbow, Install			\$ -
450.5735	Each	48" CMP Arch Elbow, Furnish			\$ -
450.5736	Each	48" CMP Arch Elbow, Install			\$ -
450.5740	Each	54" CMP Arch Elbow, Furnish			\$ -
450.5741	Each	54" CMP Arch Elbow, Install			\$ -
450.5745	Each	60" CMP Arch Elbow, Furnish			\$ -
450.5746	Each	60" CMP Arch Elbow, Install			\$ -
450.5750	Each	66" CMP Arch Elbow, Furnish			\$ -
450.5751	Each	66" CMP Arch Elbow, Install			\$ -
450.5755	Each	72" CMP Arch Elbow, Furnish			\$ -
450.5756	Each	72" CMP Arch Elbow, Install			\$ -
450.5760	Each	78" CMP Arch Elbow, Furnish			\$ -
450.5761	Each	78" CMP Arch Elbow, Install			\$ -
450.5765	Each	84" CMP Arch Elbow, Furnish			\$ -
450.5766	Each	84" CMP Arch Elbow, Install			\$ -
450.5770	Each	90" CMP Arch Elbow, Furnish			\$ -
450.5771	Each	90" CMP Arch Elbow, Install			\$ -
450.5775	Each	96" CMP Arch Elbow, Furnish			\$ -
450.5776	Each	96" CMP Arch Elbow, Install			\$ -
450.5802	Each	18" CMP Arch Flared End, Furnish			\$ -
450.5803	Each	18" CMP Arch Flared End, Install			\$ -
450.5806	Each	24" CMP Arch Flared End, Furnish			\$ -
450.5807	Each	24" CMP Arch Flared End, Install			\$ -
450.5810	Each	30" CMP Arch Flared End, Furnish			\$ -
450.5811	Each	30" CMP Arch Flared End, Install			\$ -
450.5814	Each	36" CMP Arch Flared End, Furnish			\$ -
450.5815	Each	36" CMP Arch Flared End, Install			\$ -
450.5818	Each	42" CMP Arch Flared End, Furnish			\$ -
450.5819	Each	42" CMP Arch Flared End, Install			\$ -
450.5822	Each	48" CMP Arch Flared End, Furnish			\$ -
450.5823	Each	48" CMP Arch Flared End, Install			\$ -
450.5826	Each	54" CMP Arch Flared End, Furnish			\$ -
450.5827	Each	54" CMP Arch Flared End, Install			\$ -
450.5830	Each	60" CMP Arch Flared End, Furnish			\$ -
450.5831	Each	60" CMP Arch Flared End, Install			\$ -
450.5834	Each	72" CMP Arch Flared End, Furnish			\$ -
450.5835	Each	72" CMP Arch Flared End, Install			\$ -
450.5902	Each	18" CMP Arch Sloped End, Furnish			\$ -
450.5903	Each	18" CMP Arch Sloped End, Install			\$ -
450.5906	Each	24" CMP Arch Sloped End, Furnish			\$ -
450.5907	Each	24" CMP Arch Sloped End, Install			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.5910	Each	30" CMP Arch Sloped End, Furnish			\$ -
450.5911	Each	30" CMP Arch Sloped End, Install			\$ -
450.5913	Each	36" CMP Arch Sloped End with Bars, Furnish			\$ -
450.5914	Each	36" CMP Arch Sloped End, Furnish			\$ -
450.5915	Each	36" CMP Arch Sloped End, Install			\$ -
450.5917	Each	42" CMP Arch Sloped End with Bars, Furnish			\$ -
450.5918	Each	42" CMP Arch Sloped End, Furnish			\$ -
450.5919	Each	42" CMP Arch Sloped End, Install			\$ -
450.5921	Each	48" CMP Arch Sloped End with Bars, Furnish			\$ -
450.5922	Each	48" CMP Arch Sloped End, Furnish			\$ -
450.5923	Each	48" CMP Arch Sloped End, Install			\$ -
450.5926	Each	54" CMP Arch Sloped End, Furnish			\$ -
450.5927	Each	54" CMP Arch Sloped End, Install			\$ -
450.5930	Each	60" CMP Arch Sloped End, Furnish			\$ -
450.5931	Each	60" CMP Arch Sloped End, Install			\$ -
450.5934	Each	72" CMP Arch Sloped End, Furnish			\$ -
450.5935	Each	72" CMP Arch Sloped End, Install			\$ -
450.6002	Each	15" CMP Arch Safety End, Furnish			\$ -
450.6003	Each	15" CMP Arch Safety End, Install			\$ -
450.6006	Each	18" CMP Arch Safety End, Furnish			\$ -
450.6007	Each	18" CMP Arch Safety End, Install			\$ -
450.6010	Each	24" CMP Arch Safety End, Furnish			\$ -
450.6011	Each	24" CMP Arch Safety End, Install			\$ -
450.6014	Each	30" CMP Arch Safety End, Furnish			\$ -
450.6015	Each	30" CMP Arch Safety End with Bars, Furnish			\$ -
450.6017	Each	30" CMP Arch Safety End, Install			\$ -
450.6020	Each	36" CMP Arch Safety End, Furnish			\$ -
450.6021	Each	36" CMP Arch Safety End with Bars, Furnish			\$ -
450.6023	Each	36" CMP Arch Safety End, Install			\$ -
450.6026	Each	42" CMP Arch Safety End, Furnish			\$ -
450.6027	Each	42" CMP Arch Safety End with Bars, Furnish			\$ -
450.6029	Each	42" CMP Arch Safety End, Install			\$ -
450.6032	Each	48" CMP Arch Safety End, Furnish			\$ -
450.6033	Each	48" CMP Arch Safety End with Bars, Furnish			\$ -
450.6035	Each	48" CMP Arch Safety End, Install			\$ -
450.6038	Each	54" CMP Arch Safety End, Furnish			\$ -
450.6039	Each	54" CMP Arch Safety End with Bars, Furnish			\$ -
450.6041	Each	54" CMP Arch Safety End, Install			\$ -
450.6044	Each	60" CMP Arch Safety End, Furnish			\$ -
450.6045	Each	60" CMP Arch Safety End with Bars, Furnish			\$ -
450.6047	Each	60" CMP Arch Safety End, Install			\$ -
450.6050	Each	72" CMP Arch Safety End, Furnish			\$ -
450.6051	Each	72" CMP Arch Safety End with Bars, Furnish			\$ -
450.6053	Each	72" CMP Arch Safety End, Install			\$ -
450.6109	Ft	12" Slotted CMP 16 Gauge, Furnish			\$ -
450.6110	Ft	12" Slotted CMP, Install			\$ -
450.6119	Ft	15" Slotted CMP 16 Gauge, Furnish			\$ -
450.6120	Ft	15" Slotted CMP, Install			\$ -
450.6129	Ft	18" Slotted CMP 16 Gauge, Furnish			\$ -
450.6130	Ft	18" Slotted CMP, Install			\$ -
450.6139	Ft	24" Slotted CMP 16 Gauge, Furnish			\$ -
450.6140	Ft	24" Slotted CMP, Install			\$ -
450.6149	Ft	30" Slotted CMP 16 Gauge, Furnish			\$ -
450.6150	Ft	30" Slotted CMP, Install			\$ -
450.7300	Ft	12" Corrugated Polyethylene Pipe, Furnish			\$ -
450.7301	Ft	12" Corrugated Polyethylene Pipe, Install			\$ -
450.7302	Ft	18" Corrugated Polyethylene Pipe, Furnish			\$ -
450.7303	Ft	18" Corrugated Polyethylene Pipe, Install			\$ -
450.7304	Ft	24" Corrugated Polyethylene Pipe, Furnish	\$ 25.20		\$ -
450.7305	Ft	24" Corrugated Polyethylene Pipe, Install	\$ 36.75		\$ -
450.7306	Ft	30" Corrugated Polyethylene Pipe, Furnish			\$ -
450.7307	Ft	30" Corrugated Polyethylene Pipe, Install			\$ -
450.7308	Ft	36" Corrugated Polyethylene Pipe, Furnish			\$ -
450.7309	Ft	36" Corrugated Polyethylene Pipe, Install			\$ -
450.7330	Each	12" Corrugated Polyethylene Pipe Flared End, Furnish			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.7331	Each	12" Corrugated Polyethylene Pipe Flared End, Install			\$ -
450.7332	Each	18" Corrugated Polyethylene Pipe Flared End, Furnish			\$ -
450.7333	Each	18" Corrugated Polyethylene Pipe Flared End, Install			\$ -
450.7334	Each	24" Corrugated Polyethylene Pipe Flared End, Furnish	\$ 236.25		\$ -
450.7335	Each	24" Corrugated Polyethylene Pipe Flared End, Install			\$ -
450.7336	Each	30" Corrugated Polyethylene Pipe Flared End, Furnish			\$ -
450.7337	Each	30" Corrugated Polyethylene Pipe Flared End, Install			\$ -
450.7338	Each	36" Corrugated Polyethylene Pipe Flared End, Furnish			\$ -
450.7339	Each	36" Corrugated Polyethylene Pipe Flared End, Install			\$ -
450.7998	Each	12" CMP to RCP Transition, Furnish			\$ -
450.7999	Each	12" RCP to CMP Transition, Furnish			\$ -
450.8000	Each	12" Pipe Transition, Install			\$ -
450.8003	Each	15" CMP to RCP Transition, Furnish			\$ -
450.8004	Each	15" RCP to CMP Transition, Furnish			\$ -
450.8005	Each	15" Pipe Transition, Install			\$ -
450.8008	Each	18" CMP to RCP Transition, Furnish			\$ -
450.8009	Each	18" RCP to CMP Transition, Furnish			\$ -
450.8010	Each	18" Pipe Transition, Install			\$ -
450.8013	Each	24" CMP to RCP Transition, Furnish			\$ -
450.8014	Each	24" RCP to CMP Transition, Furnish			\$ -
450.8015	Each	24" Pipe Transition, Install			\$ -
450.8018	Each	30" CMP to RCP Transition, Furnish			\$ -
450.8019	Each	30" RCP to CMP Transition, Furnish			\$ -
450.8020	Each	30" Pipe Transition, Install			\$ -
450.8023	Each	36" CMP to RCP Transition, Furnish			\$ -
450.8024	Each	36" RCP to CMP Transition, Furnish			\$ -
450.8025	Each	36" Pipe Transition, Install			\$ -
450.8028	Each	42" CMP to RCP Transition, Furnish			\$ -
450.8029	Each	42" RCP to CMP Transition, Furnish			\$ -
450.8030	Each	42" Pipe Transition, Install			\$ -
450.8033	Each	48" CMP to RCP Transition, Furnish			\$ -
450.8034	Each	48" RCP to CMP Transition, Furnish			\$ -
450.8035	Each	48" Pipe Transition, Install			\$ -
450.8038	Each	54" CMP to RCP Transition, Furnish			\$ -
450.8039	Each	54" RCP to CMP Transition, Furnish			\$ -
450.8040	Each	54" Pipe Transition, Install			\$ -
450.8043	Each	60" CMP to RCP Transition, Furnish			\$ -
450.8044	Each	60" RCP to CMP Transition, Furnish			\$ -
450.8045	Each	60" Pipe Transition, Install			\$ -
450.8048	Each	66" CMP to RCP Transition, Furnish			\$ -
450.8049	Each	66" RCP to CMP Transition, Furnish			\$ -
450.8050	Each	66" Pipe Transition, Install			\$ -
450.8053	Each	72" CMP to RCP Transition, Furnish			\$ -
450.8054	Each	72" RCP to CMP Transition, Furnish			\$ -
450.8055	Each	72" Pipe Transition, Install			\$ -
450.8103	Each	15" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8104	Each	15" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8105	Each	15" Pipe Arch Transition, Install			\$ -
450.8108	Each	18" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8109	Each	18" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8110	Each	18" Pipe Arch Transition, Install			\$ -
450.8113	Each	24" CMP Arch to RCP Arch Transition, Furnish			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.8114	Each	24" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8115	Each	24" Pipe Arch Transition, Install			\$ -
450.8118	Each	30" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8119	Each	30" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8120	Each	30" Pipe Arch Transition, Install			\$ -
450.8123	Each	36" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8124	Each	36" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8125	Each	36" Pipe Arch Transition, Install			\$ -
450.8128	Each	42" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8129	Each	42" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8130	Each	42" Pipe Arch Transition, Install			\$ -
450.8133	Each	48" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8134	Each	48" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8135	Each	48" Pipe Arch Transition, Install			\$ -
450.8138	Each	54" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8139	Each	54" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8140	Each	54" Pipe Arch Transition, Install			\$ -
450.8143	Each	60" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8144	Each	60" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8145	Each	60" Pipe Arch Transition, Install			\$ -
450.8148	Each	72" CMP Arch to RCP Arch Transition, Furnish			\$ -
450.8149	Each	72" RCP Arch to CMP Arch Transition, Furnish			\$ -
450.8150	Each	72" Pipe Arch Transition, Install			\$ -
450.8200	Each	Reset Smooth Tapered Sleeve			\$ -
450.8205	Each	15" Smooth Tapered Sleeve, Furnish			\$ -
450.8206	Each	15" Smooth Tapered Sleeve, Install			\$ -
450.8209	Each	18" Smooth Tapered Sleeve, Furnish			\$ -
450.8210	Each	18" Smooth Tapered Sleeve, Install			\$ -
450.8213	Each	24" Smooth Tapered Sleeve, Furnish			\$ -
450.8214	Each	24" Smooth Tapered Sleeve, Install			\$ -
450.8217	Each	30" Smooth Tapered Sleeve, Furnish			\$ -
450.8218	Each	30" Smooth Tapered Sleeve, Install			\$ -
450.8221	Each	36" Smooth Tapered Sleeve, Furnish			\$ -
450.8222	Each	36" Smooth Tapered Sleeve, Install			\$ -
450.8225	Each	42" Smooth Tapered Sleeve, Furnish			\$ -
450.8226	Each	42" Smooth Tapered Sleeve, Install			\$ -
450.8229	Each	48" Smooth Tapered Sleeve, Furnish			\$ -
450.8230	Each	48" Smooth Tapered Sleeve, Install			\$ -
450.8233	Each	54" Smooth Tapered Sleeve, Furnish			\$ -
450.8234	Each	54" Smooth Tapered Sleeve, Install			\$ -
450.8500	Each	Trash Guard, Furnish			\$ -
450.8501	Each	Trash Guard, Install			\$ -
450.8600	Each	Flap Gate	\$ 2,400.00		\$ -
450.8650	Each	Slide Gate			\$ -
450.8660	Each	Slide Gate with Opener			\$ -
450.8690	Each	Sluice Gate			\$ -
450.8700	Each	Gatewell Structure			\$ -
450.8710	LS	Gatewell and Outlet Structure			\$ -
450.9000	Ft	Reset Pipe	\$ 20.90	\$ 45.00	\$ 47.25
450.9001	Each	Reset Pipe End Section	\$ 261.25	\$ 314.75	\$ 330.49
450.9500	Ft	12" Storm Sewer Bedding Material		\$ 5.00	\$ 5.25



Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
450.9510	Ft	15" Storm Sewer Bedding Material	\$ 2.88	\$ 12.22	\$ 12.83
450.9520	Ft	18" Storm Sewer Bedding Material		\$ 5.46	\$ 5.73
450.9530	Ft	21" Storm Sewer Bedding Material	\$ 3.00		\$ -
450.9540	Ft	24" Storm Sewer Bedding Material	\$ 3.25	\$ 7.00	\$ 7.35
450.9550	Ft	27" Storm Sewer Bedding Material			\$ -
450.9560	Ft	30" Storm Sewer Bedding Material	\$ 4.00	\$ 8.50	\$ 8.93
450.9570	Ft	36" Storm Sewer Bedding Material	\$ 5.00		\$ -
450.9580	Ft	42" Storm Sewer Bedding Material		\$ 9.00	\$ 9.45
450.9590	Ft	48" Storm Sewer Bedding Material	\$ 6.50		\$ -
450.9600	Ft	54" Storm Sewer Bedding Material	\$ 7.00		\$ -
450.9610	Ft	60" Storm Sewer Bedding Material	\$ 9.00		\$ -
450.9620	Ft	66" Storm Sewer Bedding Material			\$ -
450.9630	Ft	72" Storm Sewer Bedding Material			\$ -
450.9640	Ft	84" Storm Sewer Bedding Material			\$ -
450.9650	Ft	96" Storm Sewer Bedding Material			\$ -
450.9660	Ft	108" Storm Sewer Bedding Material			\$ -
450.9700	Ft	Butyl Rope, Furnish			\$ -
450.9710	Ft	Butyl Rope, Install			\$ -
460.0010	CuYd	Class A45 Concrete, Bridge Barrier			\$ -
460.0030	CuYd	Class A45 Concrete, Bridge Deck			\$ -
460.0050	CuYd	Class A45 Concrete, Bridge			\$ -
460.0070	CuYd	Class A45 Concrete, Bridge Repair			\$ -
460.0100	CuYd	Class A45 Concrete, Miscellaneous			\$ -
460.0120	CuYd	Class A45 Concrete, Box Culvert		\$ 556.50	\$ 584.33
460.0150	SqYd	Concrete Approach Slab For Bridge	\$ 195.00		\$ -
460.0160	SqYd	Concrete Approach Sleeper Slab For Bridge			\$ -
460.0200	SqFt	Special Surface Finish			\$ -
460.0375	Each	Concrete Insert			\$ -
460.0380	Each	Install Dowel in Concrete		\$ 16.80	\$ 17.64
460.0382	Ft	Install Dowel in Rock			\$ -
460.0400	SqFt	Form Liner			\$ -
460.0500	Each	Deck Drain, Girder Bridge			\$ -
460.0502	Each	Deck Drain, Slab Bridge			\$ -
462.0100	CuYd	Class M6 Concrete	\$ 686.31	\$ 718.59	\$ 754.52
462.0200	CuYd	Controlled Density Fill (K-Crete)	\$ 295.00	\$ 153.76	\$ 161.45
480.0100	Lb	Reinforcing Steel	\$ 1.55	\$ 1.21	\$ 1.27
480.0200	Lb	Epoxy Coated Reinforcing Steel			\$ -
530.0300	SqFt	Type C Concrete Retaining Wall	\$ 77.33	\$ 175.00	\$ 183.75
530.0410	SqFt	MSE Segmental Block Wall	\$ 26.25		\$ -
530.1411	SqFt	Reset MSE Segmental Block Wall			\$ -
550.0010	CuYd	Low Slump Dense Concrete Bridge Deck Overlay			\$ -
550.0015	CuYd	Latex Modified Bridge Deck Overlay			\$ -
550.0020	SqYd	Bridge Sidewalk Overlay			\$ -
550.0040	SqYd	Steel Grid Deck Repair			\$ -
550.0100	SqYd	Concrete Removal Type 1A			\$ -
550.0105	SqYd	Concrete Removal Type 2A			\$ -
550.0110	SqYd	Concrete Removal Type 1B			\$ -
550.0120	SqYd	Concrete Removal Type 1C			\$ -
550.0130	SqYd	Concrete Removal Type 1D			\$ -
550.0140	Ft	Concrete Removal Type B			\$ -
550.0200	CuYd	Class A45 Concrete Fill			\$ -
550.0500	SqYd	Finishing and Curing			\$ -
560.4001	Ft	Special Precast Concrete Box Culvert, Furnish			\$ -
560.4002	Ft	Special Precast Concrete Box Culvert, Install			\$ -
560.4003	Each	Special Precast Concrete Box Culvert End Section, Furnish			\$ -
560.4004	Each	Special Precast Concrete Box Culvert End Section, Install			\$ -
600.0200	Each	Type II Field Laboratory			\$ -
620.0010	Ft	Type 1 Right-of-Way Fence		\$ 2.18	\$ 2.29
620.0020	Ft	Type 2 Right-of-Way Fence		\$ 2.68	\$ 2.81
620.0030	Ft	Type 3 Right-of-Way Fence			\$ -
620.0040	Ft	Type 4 Right-of-Way Fence		\$ 2.57	\$ 2.70
620.0050	Ft	Type 5 Right-of-Way Fence			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
620.0060	Ft	Type 6 Right-of-Way Fence			\$ -
620.0110	Ft	Type 1s Right-of-Way Fence			\$ -
620.0120	Ft	Type 2s Right-of-Way Fence			\$ -
620.0130	Ft	Type 3s Right-of-Way Fence			\$ -
620.0140	Ft	Type 4s Right-of-Way Fence			\$ -
620.0150	Ft	Type 5s Right-of-Way Fence			\$ -
620.0160	Ft	Type 6s Right-of-Way Fence		\$ 3.28	\$ 3.44
620.0510	Ft	Type 1 Temporary Fence			\$ -
620.0515	Ft	Type 1A Temporary Fence			\$ -
620.0520	Ft	Type 2 Temporary Fence			\$ -
620.0530	Ft	Type 3 Temporary Fence			\$ -
620.0540	Ft	Temporary Fence			\$ -
620.0600	Ft	Wood Privacy Fence			\$ -
620.0610	Ft	Split Rail Wood Fence	\$ 17.45		\$ -
620.1020	Each	2 Post Panel		\$ 148.87	\$ 156.31
620.1030	Each	3 Post Panel		\$ 183.39	\$ 192.56
620.2012	Each	12' Tubular Gate			\$ -
620.2014	Each	14' Tubular Gate			\$ -
620.2016	Each	16' Tubular Gate			\$ -
620.2018	Each	18' Tubular Gate			\$ -
620.2020	Each	20' Tubular Gate			\$ -
620.2100	Each	Reset Gate			\$ -
620.3000	Ft	Install Fence			\$ -
620.4000	Ft	Repair Fence			\$ -
620.4100	Ft	Reset Fence		\$ 22.40	\$ 23.52
621.0040	Ft	4' Chain Link Fence with Top Rail	\$ 22.51	\$ 35.48	\$ 37.25
621.0060	Ft	6' Chain Link Fence with Top Rail		\$ 33.48	\$ 35.15
621.0080	Ft	8' Chain Link Fence with Top Rail			\$ -
621.0140	Ft	4' Chain Link Fence with Tension Wired Top			\$ -
621.0160	Ft	6' Chain Link Fence with Tension Wired Top			\$ -
621.0180	Ft	8' Chain Link Fence with Tension Wired Top			\$ -
621.0300	Ft	Chain Link Fence For Bridge Sidewalk	\$ 14.24		\$ -
621.0410	Each	Pedestrian Swing Gate			\$ -
621.0420	Each	Single Vehicular Swing Gate			\$ -
621.0430	Each	Double Vehicular Swing Gate			\$ -
621.0500	Ft	Modify Chain Link Fence			\$ -
621.0510	SqFt	Replace Chain Link Fence Fabric			\$ -
621.0520	Ft	Reset Chain Link Fence	\$ 13.15	\$ 11.96	\$ 12.56
629.0100	Ft	3 Cable Guardrail		\$ 22.00	\$ 23.10
629.0110	Ft	NCHRP 350 Test Level 3 High Tension Cable Guardrail			\$ -
629.0200	Ft	Reset 3 Cable Guardrail			\$ -
629.0220	Ft	Reset 3 Cable Guardrail, Cable Only			\$ -
629.0290	Each	NCHRP 350 Test Level 3 High Tension Cable Guardrail Anchor Assembly			\$ -
629.0300	Each	3 Cable Guardrail Slip Base Anchor Assembly			\$ -
629.0400	Each	3 Cable Guardrail Anchor Assembly		\$ 770.00	\$ 808.50
629.0410	Each	Reset 3 Cable Guardrail Anchor Assembly			\$ -
629.0420	Each	3 Cable Guardrail Anchor Assembly w/New Anchor and Salvaged Hardware			\$ -
629.0440	Each	Refurbish 3 Cable Guardrail Anchor Assembly			\$ -
629.0450	Each	Retension 3 Cable Guardrail			\$ -
629.0500	Each	W Beam to High Tension Cable Guardrail Transition			\$ -
629.1000	Ft	Repair 3 Cable Guardrail			\$ -
629.1100	Each	3 Cable Guardrail End Post			\$ -
629.1102	Each	3 Cable Guardrail Intermediate Post			\$ -
629.1103	Each	3 Cable Guardrail Slip Base Anchor Post			\$ -
629.1104	Each	3 Cable Guardrail Post, Winter			\$ -
629.1106	Each	Drive Down 3 Cable Guardrail Post			\$ -
629.1107	Each	High Tension Cable Guardrail Post			\$ -
629.1108	Each	Reset 3 Cable Guardrail Post			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
629.1110	Each	Cable Anchor Bracket			\$ -
629.1112	Each	Cable Splice			\$ -
629.1114	Each	3 Cable Guardrail J Hook Bolt			\$ -
629.1116	Each	Steel Turnbuckle Cable End Assembly			\$ -
629.1118	Each	Spring Cable End Assembly with Turnbuckle			\$ -
629.1120	Each	W Beam to 3 Cable Transition Bracket			\$ -
629.1122	Each	3 Cable Guardrail End Post Cap			\$ -
629.2000	Ft	Cable Divider			\$ -
629.8000	Each	Spreader Bar			\$ -
629.8010	Each	Cable Tension Indicator			\$ -
629.9000	Ft	Crossover Closure			\$ -
629.9010	Ft	Interim Crossover Closure			\$ -
629.9050	Ft	Reset Crossover Closure			\$ -
629.9060	Ft	Reset Interim Crossover Closure			\$ -
630.0010	Ft	Straight Class A Thrie Beam Guardrail with Wood			\$ -
630.0020	Ft	Curved Class A Thrie Beam Guardrail with Wood			\$ -
630.0050	Ft	Straight Class B Thrie Beam Guardrail with Wood			\$ -
630.0110	Ft	Straight Double Class A Thrie Beam Guardrail with Wood Posts			\$ -
630.0120	Ft	Straight Double Class B Thrie Beam Guardrail with Wood Posts			\$ -
630.0200	Ft	Straight Class A Thrie Beam Rail			\$ -
630.0210	Ft	Straight Class B Thrie Beam Rail			\$ -
630.0250	Ft	Straight Double Class A Thrie Beam Rail			\$ -
630.1010	Ft	Straight Class A W Beam Guardrail with Wood			\$ -
630.1015	Ft	Straight Class A W Beam Guardrail with CRT Posts			\$ -
630.1020	Ft	Curved Class A W Beam Guardrail with Wood Posts			\$ -
630.1025	Ft	Curved Class A W Beam Guardrail with CRT Posts			\$ -
630.1050	Ft	Straight Class B W Beam Guardrail with Wood			\$ -
630.1060	Ft	Curved Class B W Beam Guardrail with Wood Posts			\$ -
630.1140	Ft	Straight Double Class A W Beam Guardrail with Wood			\$ -
630.1150	Ft	Straight Double Class B W Beam Guardrail with Wood			\$ -
630.1160	Ft	Curved Double Class B W Beam Guardrail with Wood			\$ -
630.1200	Ft	Straight Class A W Beam Rail			\$ -
630.1210	Ft	Straight Class B W Beam Rail			\$ -
630.1250	Ft	Straight Double Class A W Beam Rail			\$ -
630.1400	Ft	Straight Back to Back Class A W Beam Guardrail with			\$ -
630.2000	Each	W Beam to Thrie Beam Guardrail Transition			\$ -
630.2010	Each	W Beam Guardrail End Terminal			\$ -
630.2015	Each	W Beam Guardrail Flared End Terminal			\$ -
630.2020	Each	W Beam Guardrail Tangent End Terminal			\$ -
630.2025	Each	W Beam Guardrail Backslope Terminal			\$ -
630.2030	Each	W Beam Guardrail Breakaway Cable Terminal			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
630.2035	Each	W Beam Guardrail Special Anchor Assembly			\$ -
630.2050	Each	Beam Guardrail Trailing End Terminal			\$ -
630.2100	Each	Beam Guardrail Post			\$ -
630.2105	Each	Beam Guardrail Block			\$ -
630.2110	Each	Beam Guardrail Post and Block			\$ -
630.2120	Each	Beam Guardrail Post and Block, Winter			\$ -
630.2200	Each	W Beam Guardrail End Block Adapter			\$ -
630.2205	Each	Breakaway Cable Terminal End Post			\$ -
630.2210	Each	Breakaway Cable Terminal End Rail			\$ -
630.2215	Each	W Beam Guardrail End Section Buffer			\$ -
630.2220	Each	Tangent End Terminal Extruder Head			\$ -
630.2225	Each	Tangent End Terminal Wood Post			\$ -
630.2230	Each	Tangent End Terminal Wood Post and Block			\$ -
630.2235	Ft	Tangent End Terminal Rail			\$ -
630.2300	Ft	Rubrail			\$ -
630.3010	Ft	Class B Bridge Guardrail, Design 1T			\$ -
630.3020	Ft	Class B Bridge Guardrail, Design 2T			\$ -
630.3025	Ft	Class B Bridge Guardrail, Modified Design 2T			\$ -
630.5000	Ft	Install State Furnished Guardrail with Wood Posts			\$ -
630.5100	Ft	Reset Thrie Beam Guardrail with Wood Posts			\$ -
630.5110	Ft	Reset Double Thrie Beam Guardrail with Wood			\$ -
630.5120	Ft	Reset Thrie Beam Rail			\$ -
630.5130	Ft	Reset Double Thrie Beam Rail			\$ -
630.5140	Ft	Reset W Beam Guardrail with Wood Posts	\$ 36.35		\$ -
630.5150	Ft	Reset Double W Beam Guardrail with Wood Posts			\$ -
630.5160	Ft	Reset W Beam Rail			\$ -
630.5170	Ft	Reset Double W Beam Rail			\$ -
630.5180	Each	Reset W Beam Guardrail Breakaway Cable Terminal			\$ -
630.5190	Each	Reset W Beam to Thrie Beam Guardrail Transition			\$ -
630.5200	Each	Reset W Beam to Thrie Beam Transition Rail			\$ -
630.5207	Each	Reset W Beam Guardrail Flared End Terminal			\$ -
630.5208	Each	Reset W Beam Guardrail Tangent End Terminal			\$ -
630.5209	Each	Reset W Beam Guardrail End Terminal			\$ -
630.5210	Each	Reset Beam Guardrail Trailing End Terminal			\$ -
630.5220	Ft	Reset Rubrail			\$ -
630.5500	Each	Furnish Beam Guardrail Post and Block			\$ -
630.5510	Each	Furnish Beam Guardrail Post			\$ -
630.5520	Each	Drive Down Beam Guardrail Post			\$ -
630.5530	Each	Remove and Reset Beam Guardrail Post and Block			\$ -
630.5540	Each	Reset Beam Guardrail Post			\$ -
630.5550	Each	Reset Beam Guardrail Post and Block			\$ -
632.1110	Ft	2.0 Lb/Ft Flanged Channel Post		\$ 4.44	\$ 4.66
632.1130	Ft	3.0 Lb/Ft Flanged Channel Post		\$ 6.61	\$ 6.94
632.1320	Ft	2.0"x2.0" Perforated Tube Post	\$ 9.61	\$ 9.48	\$ 9.95
632.1330	Ft	2.25"x2.25" Perforated Tube Post	\$ 8.77	\$ 10.22	\$ 10.73
632.1340	Ft	2.5"x2.5" Perforated Tube Post	\$ 10.41	\$ 13.07	\$ 13.72
632.2000	Each	4"x4" Amber Delineator with 1.12 Lb/Ft Post			\$ -
632.2002	Each	4"x4" Amber Delineator Back to Back with 1.12			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
632.2020	Each	4"x4" White Delineator with 1.12 Lb/Ft Post	\$ 34.20		\$ -
632.2022	Each	4"x4" White Delineator Back to Back with 1.12 Lb/Ft Post			\$ -
632.2500	Each	Type 1 Yellow Object Marker			\$ -
632.2520	Each	Type 2 Object Marker	\$ 34.20		\$ -
632.2530	Each	Type 3 Object Marker		\$ 45.52	\$ 47.80
632.3050	SqFt	Furnish Sheet Aluminum Sign with Reflective Sheeting	\$ 21.33	\$ 21.69	\$ 22.77
632.3060	Each	Install Traffic Sign on Post	\$ 18.04	\$ 15.63	\$ 16.41
632.3065	Each	Install Traffic Sign on Street Light	\$ 81.78	\$ 22.40	\$ 23.52
632.3070	Each	Install Traffic Sign on Mast Arm	\$ 420.21	\$ 525.00	\$ 551.25
632.3075	Each	Install Traffic Sign on Wood Pole			\$ -
633.0010	Ft	Cold Applied Plastic Pavement Marking, 4"	\$ 3.10	\$ 3.25	\$ 3.41
633.0015	Ft	Cold Applied Plastic Pavement Marking, 6"	\$ 4.24	\$ 4.73	\$ 4.97
633.0020	Ft	Cold Applied Plastic Pavement Marking, 8"	\$ 5.73		\$ -
633.0025	Ft	Cold Applied Plastic Pavement Marking, 12"	\$ 9.07	\$ 10.30	\$ 10.82
633.0030	Ft	Cold Applied Plastic Pavement Marking, 24"	\$ 17.40	\$ 18.99	\$ 19.94
633.0035	SqFt	Cold Applied Plastic Pavement Marking, Area			\$ -
633.0040	Each	Cold Applied Plastic Pavement Marking, Arrow	\$ 40.12	\$ 271.34	\$ 284.91
633.0045	Each	Cold Applied Plastic Pavement Marking, Combination Arrow		\$ 367.50	\$ 385.88
633.0050	Word	Cold Applied Plastic Pavement Marking, Message			\$ -
633.0055	Each	Cold Applied Plastic Pavement Marking, Railroad Crossing			\$ -
633.0060	Each	Cold Applied Plastic Pavement Marking, School			\$ -
633.0062	Each	Cold Applied Plastic Pavement Marking, Symbol		\$ 315.00	\$ 330.75
633.1000	Gal	Epoxy Pavement Marking Paint, White			\$ -
633.1005	Gal	Epoxy Pavement Marking Paint, Yellow			\$ -
633.1100	Ft	Epoxy Pavement Marking Paint, 4" White	\$ 0.64	\$ 1.07	\$ 1.12
633.1105	Ft	Epoxy Pavement Marking Paint, 4" Yellow	\$ 0.66	\$ 0.93	\$ 0.98
633.1110	Ft	Epoxy Pavement Marking Paint, 8" White	\$ 1.61	\$ 2.29	\$ 2.40
633.1115	Ft	Epoxy Pavement Marking Paint, 8" Yellow			\$ -
633.1120	Ft	Epoxy Pavement Marking Paint, 12" White	\$ 4.16		\$ -
633.1125	Ft	Epoxy Pavement Marking Paint, 12" Yellow			\$ -
633.1130	Ft	Epoxy Pavement Marking Paint, 24" White	\$ 5.10	\$ 5.38	\$ 5.65
633.1135	Ft	Epoxy Pavement Marking Paint, 24" Yellow	\$ 4.17	\$ 4.20	\$ 4.41
633.1150	SqFt	Epoxy Pavement Marking Paint, Area	\$ 4.12	\$ 7.50	\$ 7.88
633.1155	Each	Epoxy Pavement Marking Paint, Arrow	\$ 29.24	\$ 48.73	\$ 51.17
633.1160	Each	Epoxy Pavement Marking Paint, Combination Arrow		\$ 62.20	\$ 65.31
633.1165	Word	Epoxy Pavement Marking Paint, Message			\$ -
633.1170	Each	Epoxy Pavement Marking Paint, Railroad Crossing			\$ -
633.1180	Ft	Surface Preparation For Pavement Marking, 4"	\$ 0.34	\$ 0.25	\$ 0.26
633.1182	Ft	Surface Preparation For Pavement Marking, 8"	\$ 0.62	\$ 0.40	\$ 0.42
633.1184	Ft	Surface Preparation For Pavement Marking, 12"	\$ 1.25		\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
633.1186	Ft	Surface Preparation For Pavement Marking, 24"	\$ 2.60	\$ 2.10	\$ 2.21
633.1188	SqFt	Surface Preparation For Pavement Marking, Area	\$ 2.97	\$ 3.10	\$ 3.26
633.1190	Each	Surface Preparation For Pavement Marking, Arrow	\$ 15.62	\$ 34.53	\$ 36.26
633.1192	Each	Surface Preparation For Pavement Marking, Combination Arrow			\$ -
633.1192	Word	Surface Preparation For Pavement Marking, Message			\$ -
633.1192	Each	Surface Preparation For Pavement Marking, Railroad Crossing			\$ -
633.1300	Gal	Pavement Marking Paint, White	\$ 17.55	\$ 16.40	\$ 17.22
633.1305	Gal	Pavement Marking Paint, Yellow	\$ 16.55	\$ 16.20	\$ 17.01
633.1400	Ft	Pavement Marking Paint, 4" White	\$ 2.18	\$ 5.45	\$ 5.72
633.1405	Ft	Pavement Marking Paint, 4" Yellow	\$ 1.20	\$ 2.12	\$ 2.23
633.1410	Ft	Pavement Marking Paint, 8" White	\$ 2.10		\$ -
633.1415	Ft	Pavement Marking Paint, 8" Yellow			\$ -
633.1420	Ft	Pavement Marking Paint, 12" White			\$ -
633.1425	Ft	Pavement Marking Paint, 12" Yellow			\$ -
633.1430	Ft	Pavement Marking Paint, 24" White		\$ 2.09	\$ 2.19
633.1435	Ft	Pavement Marking Paint, 24" Yellow		\$ 1.90	\$ 2.00
633.1440	SqFt	Pavement Marking Paint, Area	\$ 3.22		\$ -
633.1445	Each	Pavement Marking Paint, Arrow		\$ 24.24	\$ 25.45
633.1450	Each	Pavement Marking Paint, Combination Arrow			\$ -
633.1455	Word	Pavement Marking Paint, Message			\$ -
633.5000	Ft	Groove Pavement For Pavement Marking, 4"	\$ 0.27	\$ 0.37	\$ 0.39
633.5002	Ft	Groove Pavement For Pavement Marking, 6"	\$ 1.00	\$ 0.79	\$ 0.83
633.5005	Ft	Groove Pavement For Pavement Marking, 8"	\$ 1.04	\$ 0.40	\$ 0.42
633.5010	Ft	Groove Pavement For Pavement Marking, 12"	\$ 1.94	\$ 2.69	\$ 2.82
633.5015	Ft	Groove Pavement For Pavement Marking, 24"	\$ 3.76	\$ 3.32	\$ 3.49
634.0010	Hour	Flagging	\$ 27.11	\$ 31.01	\$ 32.56
634.0100	Unit	Traffic Control	\$ 1.19	\$ 1.07	\$ 1.12
634.0120	LS	Traffic Control, Miscellaneous		\$ 1.55	\$ 1.63
634.0330	Ft	Raised Pavement Markers			\$ -
634.0380	Each	Tubular Marker	\$ 34.86		\$ -
634.0420	Each	Type C Advance Warning Arrow Panel	\$ 63.95	\$ 70.33	\$ 73.85
634.0430	Each	Vertical Panel			\$ -
634.0500	Each	4"x8" Amber Delineator Back to Back, Barrier Mounted			\$ -
634.0510	Each	4"x8" White Delineator Back to Back, Barrier Mounted			\$ -
634.0520	Each	4"x8" Delineator, Barrier Mounted			\$ -
634.0525	Each	Linear Delineation System Panel, Barrier Mounted			\$ -
634.0530	Each	Flexible Delineator		\$ 95.10	\$ 99.86
634.0600	Ft	4" Temporary Pavement Marking Tape Type 1			\$ -
634.0610	Ft	4" Temporary Pavement Marking Tape Type 2	\$ 1.07		\$ -
634.0640	Ft	Temporary Pavement Marking	\$ 0.43	\$ 0.63	\$ 0.66
634.0700	Each	Traffic Control Movable Concrete Barrier	\$ 361.76	\$ 850.00	\$ 892.50
634.0705	Each	Remove and Reset Traffic Control Movable Concrete Barrier			\$ -
634.0750	Each	Temporary Concrete Barrier End Protection			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
634.0755	Each	Remove and Reset Temporary Concrete Barrier End			\$ -
634.0760	Each	Temporary Concrete Barrier End Protection Module Set or Repair Kit			\$ -
634.0896	Each	Portable Temporary Traffic Signal System	\$ 21,340.50		\$ -
634.0910	Site	Temporary Traffic Signal System	\$ 13,913.00		\$ -
634.1215	Each	Contractor Furnished Portable Changeable Message Sign	\$ 40.76	\$ 2,138.38	\$ 2,245.30
635.0405	Each	Install Direct Bury Luminaire Pole-25' Height			\$ -
635.0410	Each	Install Direct Bury Luminaire Pole-35' Height			\$ -
635.0415	Each	Install Historic Post Top Luminaire Pole-15' Height	\$ 336.00		\$ -
635.0420	Each	Install Decorative Luminaire Pole with Arm-21' Height			\$ -
635.0430	Each	Install Breakaway Base Luminaire Pole with Arm-			\$ -
635.0431	Each	Install Breakaway Base Luminaire Pole with Arm-	\$ 284.46		\$ -
635.0432	Each	Install Breakaway Base Luminaire Pole with Arm-	\$ 304.50		\$ -
635.0433	Each	Install Breakaway Base Luminaire Pole with Arm-		\$ 2,233.08	\$ 2,344.73
635.0440	Each	Install Breakaway Base Luminaire Pole with Twin Arms-			\$ -
635.0445	Each	Install Breakaway Base Luminaire Pole with Twin Arms-			\$ -
635.0450	Each	Install Breakaway Base Luminaire Pole with Twin Arms-		\$ 2,900.00	\$ 3,045.00
635.0460	Each	Install Wood Utility Pole	\$ 442.80		\$ -
635.2320	Each	Install Pedestal Signal Pole	\$ 300.00		\$ -
635.2325	Each	Install Signal Pole with 15' Mast Arm			\$ -
635.2326	Each	Install Signal Pole with 20' Mast Arm	\$ 1,000.00		\$ -
635.2327	Each	Install Signal Pole with 25' Mast Arm	\$ 962.50		\$ -
635.2328	Each	Install Signal Pole with 30' Mast Arm	\$ 1,070.00		\$ -
635.2329	Each	Install Signal Pole with 35' Mast Arm			\$ -
635.2330	Each	Install Signal Pole with 40' Mast Arm	\$ 1,225.00	\$ 7,300.00	\$ 7,665.00
635.2331	Each	Install Signal Pole with 45' Mast Arm			\$ -
635.2332	Each	Install Signal Pole with 50' Mast Arm			\$ -
635.2333	Each	Install Signal Pole with 55' Mast Arm			\$ -
635.2334	Each	Install Signal Pole with 60' Mast Arm	\$ 1,353.30	\$ 9,400.00	\$ 9,870.00
635.2335	Each	Install Signal Pole with 65' Mast Arm	\$ 1,353.30	\$ 12,400.00	\$ 13,020.00
635.2340	Each	Install Signal Pole with 15' Mast Arm and Luminaire Arm(s)			\$ -
635.2341	Each	Install Signal Pole with 20' Mast Arm and Luminaire Arm(s)			\$ -
635.2342	Each	Install Signal Pole with 25' Mast Arm and Luminaire Arm(s)			\$ -
635.2343	Each	Install Signal Pole with 30' Mast Arm and Luminaire Arm(s)	\$ 1,031.40		\$ -
635.2344	Each	Install Signal Pole with 35' Mast Arm and Luminaire Arm(s)	\$ 1,090.80		\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
635.2345	Each	Install Signal Pole with 40' Mast Arm and Luminaire Arm(s)	\$ 1,116.60		\$ -
635.2346	Each	Install Signal Pole with 45' Mast Arm and Luminaire Arm(s)	\$ 1,207.50		\$ -
635.2347	Each	Install Signal Pole with 50' Mast Arm and Luminaire Arm(s)		\$ 9,830.00	\$ 10,321.50
635.2348	Each	Install Signal Pole with 55' Mast Arm and Luminaire Arm(s)	\$ 1,457.40		\$ -
635.2349	Each	Install Signal Pole with 60' Mast Arm and Luminaire Arm(s)		\$ 10,500.00	\$ 11,025.00
635.2350	Each	Install Signal Pole with 65' Mast Arm and Luminaire Arm(s)	\$ 1,457.40	\$ 17,750.00	\$ 18,637.50
635.2390	Each	Install 3 Section Vehicle Signal Head	\$ 252.85	\$ 745.00	\$ 782.25
635.2391	Each	Install 5 Section Vehicle Signal Head	\$ 252.43	\$ 1,120.00	\$ 1,176.00
635.5015	Ft	1.5' Diameter Footing			\$ -
635.5020	Ft	2' Diameter Footing	\$ 94.03	\$ 92.36	\$ 96.98
635.5025	Ft	2.5' Diameter Footing	\$ 191.71		\$ -
635.5030	Ft	3' Diameter Footing	\$ 197.81	\$ 208.00	\$ 218.40
635.5035	Ft	3.5' Diameter Footing			\$ -
635.5051	Each	Street Light Spread Footing		\$ 2,475.00	\$ 2,598.75
635.5062	Each	Anchor Bolts	\$ 529.06	\$ 26.07	\$ 27.37
635.5100	Each	Controller Cabinet Footing	\$ 1,101.93	\$ 1,700.00	\$ 1,785.00
635.5312	Each	12" Diameter Junction Box	\$ 588.17	\$ 455.00	\$ 477.75
635.5318	Each	18" Diameter Junction Box	\$ 828.09	\$ 874.14	\$ 917.85
635.5324	Each	24" Diameter Junction Box	\$ 852.36	\$ 767.83	\$ 806.22
635.5330	Each	30" Diameter Junction Box	\$ 1,171.98	\$ 915.00	\$ 960.75
635.5413	Each	Install Battery Backup System	\$ 447.55	\$ 5,000.00	\$ 5,250.00
635.5480	Each	Power Feed- Elevated Transformer to Single Meter Pedestal	\$ 1,451.00	\$ 1,977.39	\$ 2,076.26
635.5481	Each	Power Feed-Elevated Transformer to Double Meter Pedestal	\$ 1,977.90	\$ 4,300.00	\$ 4,515.00
635.5482	Each	Power Feed-Ground Power Source to Single Meter Pedestal	\$ 1,826.65	\$ 1,475.00	\$ 1,548.75
635.5483	Each	Power Feed-Ground Power Source to Double Meter Pedestal	\$ 1,691.25	\$ 5,800.00	\$ 6,090.00
635.5491	Each	Tie To Existing Conduit	\$ 82.09	\$ 117.60	\$ 123.48
635.5492	Each	Tie To Existing Light Base	\$ 160.50		\$ -
635.5493	Each	Tie To Existing Signal Footing	\$ 139.10		\$ -
635.5494	Each	Tie To Existing Junction Box	\$ 114.86	\$ 105.02	\$ 110.27
635.5495	Each	Tie To Existing Power Source	\$ 177.55		\$ -
635.5498	Each	Install Locator Ball and Tracer Wire	\$ 96.78	\$ 95.09	\$ 99.84
635.5530	Each	Preformed Detector Loop		\$ 525.00	\$ 551.25
635.5540	Each	Sawed-In Detector Loop			\$ -
635.5547	Each	Traffic Counter Surface Utility Box			\$ -
635.5554	Each	Install Single Emergency Vehicle Preemption Detector Head	\$ 385.52	\$ 660.00	\$ 693.00
635.5555	Each	Install Double Emergency Vehicle Preemption Detector Head	\$ 5,852.00		\$ -
635.5556	Each	Install Emergency Vehicle Preemption Controller	\$ 455.14	\$ 3,400.00	\$ 3,570.00
635.5910	Each	Pedestrian Push Button Pole	\$ 481.55	\$ 325.00	\$ 341.25
635.5920	Each	Pedestrian Signal Head			\$ -



Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
635.5922	Each	Pedestrian Signal Head with Countdown Timer	\$ 337.70	\$ 515.00	\$ 540.75
635.5930	Each	Pedestrian Crossing Sign	\$ 98.54	\$ 85.00	\$ 89.25
635.6960	Each	Install Controllor Cabinet	\$ 898.93		\$ -
635.6970	Each	Install Pedestrian Push Button	\$ 98.42	\$ 160.00	\$ 168.00
635.8010	Ft	1" Rigid Galvanized Steel Conduit			\$ -
635.8015	Ft	1.5" Rigid Galvanized Steel Conduit		\$ 6.80	\$ 7.14
635.8020	Ft	2" Rigid Galvanized Steel Conduit	\$ 10.84	\$ 9.19	\$ 9.65
635.8025	Ft	2.5" Rigid Galvanized Steel Conduit	\$ 14.84	\$ 12.00	\$ 12.60
635.8030	Ft	3" Rigid Galvanized Steel Conduit	\$ 17.01	\$ 13.00	\$ 13.65
635.8040	Ft	4" Rigid Galvanized Steel Conduit	\$ 22.57	\$ 18.00	\$ 18.90
635.8050	Ft	5" Rigid Galvanized Steel Conduit	\$ 62.46	\$ 30.00	\$ 31.50
635.8113	Ft	1" Rigid Conduit, Schedule 40		\$ 7.54	\$ 7.92
635.8115	Ft	1.5" Rigid Conduit, Schedule 40			\$ -
635.8120	Ft	2" Rigid Conduit, Schedule 40	\$ 2.91	\$ 3.97	\$ 4.17
635.8125	Ft	2.5" Rigid Conduit, Schedule 40			\$ -
635.8130	Ft	3" Rigid Conduit, Schedule 40	\$ 7.29		\$ -
635.8135	Ft	3.5" Rigid Conduit, Schedule 40			\$ -
635.8140	Ft	4" Rigid Conduit, Schedule 40	\$ 7.32		\$ -
635.8150	Ft	5" Rigid Conduit, Schedule 40			\$ -
635.8160	Ft	6" Rigid Conduit, Schedule 40			\$ -
635.8210	Ft	1" Rigid Conduit, Schedule 80			\$ -
635.8215	Ft	1.5" Rigid Conduit, Schedule 80			\$ -
635.8220	Ft	2" Rigid Conduit, Schedule 80	\$ 3.76	\$ 5.94	\$ 6.24
635.8225	Ft	2.5" Rigid Conduit, Schedule 80	\$ 5.52		\$ -
635.8230	Ft	3" Rigid Conduit, Schedule 80			\$ -
635.8235	Ft	3.5" Rigid Conduit, Schedule 80			\$ -
635.8240	Ft	4" Rigid Conduit, Schedule 80			\$ -
635.8250	Ft	5" Rigid Conduit, Schedule 80			\$ -
635.8280	Ft	8" Rigid Conduit, Schedule 80			\$ -
635.8330	Ft	2" Innerduct, SDR 13.5	\$ 4.60	\$ 3.42	\$ 3.59
635.9014	Ft	1/C #4 AWG Copper Wire	\$ 1.20		\$ -
635.9016	Ft	1/C #6 AWG Copper Wire	\$ 0.79		\$ -
635.9018	Ft	1/C #8 AWG Copper Wire	\$ 0.59	\$ 0.86	\$ 0.90
635.9020	Ft	1/C #10 AWG Copper Wire			\$ -
635.9122	Ft	1/C #12 AWG Copper Wire	\$ 0.38		\$ -
635.9302	Ft	2/C #14 AWG IMSA Copper Cable, K1	\$ 1.06	\$ 0.70	\$ 0.74
635.9303	Ft	3/C #14 AWG IMSA Copper Cable, K1	\$ 1.28	\$ 0.75	\$ 0.79
635.9304	Ft	4/C #14 AWG IMSA Copper Cable, K1	\$ 1.52	\$ 0.90	\$ 0.95
635.9305	Ft	5/C #14 AWG IMSA Copper Cable, K1	\$ 1.93	\$ 1.00	\$ 1.05
635.9307	Ft	7/C #14 AWG IMSA Copper Cable, K1	\$ 2.34	\$ 1.20	\$ 1.26
635.9312	Ft	12/C #14 AWG IMSA Copper Cable, K1			\$ -
635.9319	Ft	19/C #14 AWG IMSA Copper Cable, K1			\$ -
635.9320	Ft	20/C #14 AWG IMSA Copper Cable, K1	\$ 5.17		\$ -
635.9325	Ft	25/C #14 AWG IMSA Copper Cable, K1		\$ 4.20	\$ 4.41
635.9600	Ft	#16 AWG Copper Twisted Shielded Pair	\$ 0.83		\$ -
635.9650	Ft	Emergency Vehicle Preemption Cable	\$ 2.04	\$ 0.70	\$ 0.74
635.9635	Ft	Install Street Light Wire	\$ 0.78	\$ 1.13	\$ 1.19
635.9850	Ft	12 Single Mode Fiber Optic Cable	\$ 2.65		\$ -
635.9852	Ft	24 Single Mode Fiber Optic Cable	\$ 2.10	\$ 1.75	\$ 1.84
635.9854	Ft	36 Single Mode Fiber Optic Cable			\$ -
635.9856	Ft	60 Single Mode/12 MultiMode Fiber Optic Cable			\$ -
635.9858	Ft	12 Single Mode/12 MultiMode Fiber Optic Cable	\$ 1.51		\$ -
635.9860	Ft	12 Single Mode/24 MultiMode Fiber Optic Cable	\$ 1.40		\$ -
635.9862	Ft	24 Single Mode/24 MultiMode Fiber Optic Cable	\$ 3.29	\$ 4.16	\$ 4.37
635.9870	Each	Terminate Individual Fiber	\$ 49.56	\$ 62.02	\$ 65.12
635.9872	LS	Fiber Optic Testing			\$ -
635.9880	Each	Termination Enclosures	\$ 362.50	\$ 413.34	\$ 434.01
635.9883	Each	Patch Cords	\$ 50.17	\$ 32.22	\$ 33.83
635.9885	Each	Fusion Splices	\$ 39.70	\$ 41.79	\$ 43.88
650.2100	Ft	Special Concrete Curb and Gutter	\$ 34.76	\$ 29.23	\$ 30.69
650.2105	Ft	Special Concrete Curb	\$ 25.32	\$ 24.30	\$ 25.52

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
650.7000	Ft	Concrete Curb & Gutter Type SF66	\$ 15.98	\$ 20.01	\$ 21.01
650.7010	Ft	Concrete Curb & Gutter Type SF66.5			\$ -
650.7020	Ft	Concrete Curb & Gutter Type SF67			\$ -
650.7030	Ft	Concrete Curb & Gutter Type SF67.5			\$ -
650.7040	Ft	Concrete Curb & Gutter Type SF68	\$ 26.87	\$ 26.96	\$ 28.31
650.7050	Ft	Concrete Curb & Gutter Type SF68.5			\$ -
650.7060	Ft	Concrete Curb & Gutter Type SF69	\$ 14.28	\$ 17.26	\$ 18.12
650.7070	Ft	Concrete Curb & Gutter Type SF69.5			\$ -
650.7080	Ft	Concrete Curb & Gutter Type SF610			\$ -
650.8000	SqYd	Concrete Valley Gutter 6" Thick	\$ 65.77	\$ 71.26	\$ 74.82
650.8010	SqYd	Concrete Valley Gutter 6.5" Thick			\$ -
650.8020	SqYd	Concrete Valley Gutter 7" Thick			\$ -
650.8030	SqYd	Concrete Valley Gutter 7.5" Thick			\$ -
650.8040	SqYd	Concrete Valley Gutter 8" Thick		\$ 60.00	\$ 63.00
650.8050	SqYd	Concrete Valley Gutter 8.5" Thick			\$ -
650.8060	SqYd	Concrete Valley Gutter 9" Thick			\$ -
650.8070	SqYd	Concrete Valley Gutter 9.5" Thick			\$ -
650.8080	SqYd	Concrete Valley Gutter 10" Thick			\$ -
651.0040	SqFt	4" Concrete Sidewalk	\$ 4.10	\$ 4.75	\$ 4.99
651.0050	SqFt	5" Concrete Sidewalk			\$ -
651.0060	SqFt	6" Concrete Sidewalk	\$ 4.60	\$ 5.33	\$ 5.60
651.0080	SqFt	8" Concrete Sidewalk			\$ -
651.0140	SqFt	4" Reinforced Concrete Sidewalk			\$ -
651.0150	SqFt	5" Reinforced Concrete Sidewalk			\$ -
651.0160	SqFt	6" Reinforced Concrete Sidewalk	\$ 7.17		\$ -
651.0440	SqFt	4" Colored and Patterned Concrete Sidewalk			\$ -
651.0450	SqFt	5" Colored and Patterned Concrete Sidewalk	\$ 34.65	\$ 31.60	\$ 33.18
651.0460	SqFt	6" Colored and Patterned Concrete Sidewalk	\$ 4.49	\$ 13.00	\$ 13.65
651.0540	SqFt	4" Colored Concrete Sidewalk	\$ 8.53	\$ 13.15	\$ 13.81
651.0550	SqFt	5" Colored Concrete Sidewalk			\$ -
651.0560	SqFt	6" Colored Concrete Sidewalk	\$ 5.01	\$ 6.19	\$ 6.50
651.5000	Ft	Sidewalk Trench Drain		\$ 249.60	\$ 262.08
651.6010	SqFt	Detectable Warning Surface	\$ 47.21	\$ 42.68	\$ 44.81
670.1200	Each	Type B Frame and Grate Assembly	\$ 575.00	\$ 585.94	\$ 615.24
670.5200	Each	Special Frame and Grate Assembly			\$ -
670.5202	Each	Special Frame and Grate	\$ 550.00	\$ 375.00	\$ 393.75
670.6000	Each	Adjust Drop Inlet	\$ 421.88	\$ 1,600.00	\$ 1,680.00
670.6005	Each	Modify Drop Inlet			\$ -
670.8000	Ft	Trench Drain			\$ -
670.8020	Each	Slotted Vane Drain Assembly			\$ -
<p>671 Series-Manholes. The SDDOT 671 bid item series was not used as a guide for developing the City bid item list relevant to manholes and sanitary sewer. All relevant sanitary sewer bid items from this series are located in the 950 series-Sanitary Sewer.</p> <p>The appropriate storm sewer bid items relating to manholes are listed below.</p>					
671.0100	Each	Adjust Junction Box	\$ 364.29		\$ -
671.6100	Each	Type Y Manhole Frame and Lid	\$ 320.95	\$ 354.81	\$ 372.55
680.0010	Ft	2' Deep Edge Drain			\$ -
680.0011	Ft	2' to 4' Deep Edge Drain			\$ -
680.0012	Ft	4' to 6' Deep Edge Drain			\$ -
680.0015	Each	Edge Drain Outlet			\$ -
680.0040	Ft	4" Underdrain Pipe			\$ -
680.0060	Ft	6" Underdrain Pipe			\$ -
680.0240	Ft	4" Corrugated Polyethylene Drainage Tubing	\$ 4.50		\$ -
680.0260	Ft	6" Corrugated Polyethylene Drainage Tubing			\$ -
680.0280	Ft	8" Corrugated Polyethylene Drainage Tubing			\$ -
680.0440	Ft	4" Slotted Corrugated Polyethylene Drainage Tubing		\$ 7.22	\$ 7.58

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
680.0660	Ft	6" Slotted Corrugated Polyethylene Drainage Tubing			\$ -
680.1040	Ft	4" Pipe Sock	\$ 0.20	\$ 1.10	\$ 1.16
680.2000	Each	Concrete Headwall for Underdrain			\$ -
680.2010	Each	Precast Concrete Headwall for Drain			\$ -
680.2500	Ton	Porous Backfill	\$ 50.00	\$ 28.45	\$ 29.87
680.2502	Ton	Crushed Rock			\$ -
700.0110	Ton	Class A Riprap	\$ 36.43	\$ 28.81	\$ 30.25
700.0210	Ton	Class B Riprap	\$ 34.68	\$ 35.49	\$ 37.26
700.0310	Ton	Class C Riprap	\$ 28.35	\$ 31.98	\$ 33.58
700.0410	Ton	Class D Riprap			\$ -
700.0510	Ton	Class E Riprap			\$ -
700.0610	Ton	Class F Riprap			\$ -
700.1010	Ton	Special Riprap			\$ -
700.2010	Ton	Place Riprap			\$ -
720.1010	CuYd	PVC Coated Bank and Channel Protection Gabion			\$ -
720.1015	CuYd	Bank and Channel Protection Gabion	\$ 200.55		\$ -
730.0100	Bu	Cover Crop Seeding	\$ 33.34	\$ 101.15	\$ 106.21
730.0251	Lb	Special Permanent Seed Mixture 1	\$ 17.06	\$ 8.58	\$ 9.01
730.0252	Lb	Special Permanent Seed Mixture 2	\$ 19.50	\$ 17.29	\$ 18.15
730.0253	Lb	Special Permanent Seed Mixture 3		\$ 28.96	\$ 30.41
730.1200	SqYd	Hydroseeding	\$ 2.09	\$ 0.12	\$ 0.13
731.0100	Lb	Fertilizing	\$ 1.11	\$ 1.14	\$ 1.20
732.0100	Ton	Mulching	\$ 217.11		\$ -
732.0200	Ton	Fiber Mulching	\$ 1,663.76	\$ 1,476.18	\$ 1,549.99
732.0300	Ton	Bonded Fiber Matrix	\$ 1,482.55	\$ 1,819.99	\$ 1,910.99
733.0100	SqYd	Sodding	\$ 3.43	\$ 5.53	\$ 5.81
734.0105	SqYd	Erosion Control Blanket	\$ 1.78	\$ 2.13	\$ 2.24
734.0135	SqYd	Turf Reinforcement Mat	\$ 3.68	\$ 4.09	\$ 4.29
734.0150	Ft	6" Diameter Erosion Control Wattle	\$ 2.63	\$ 7.06	\$ 7.41
734.0151	Ft	9" Diameter Erosion Control Wattle	\$ 3.47	\$ 3.21	\$ 3.37
734.0154	Ft	12" Diameter Erosion Control Wattle	\$ 3.30	\$ 3.38	\$ 3.55
734.0160	Ft	20" Diameter Erosion Control Wattle		\$ 242.11	\$ 254.22
734.0325	Acre	Surface Roughening			\$ -
734.0405	Ton	Rock Check Dam	\$ 80.81	\$ 35.71	\$ 37.50
734.0601	Ft	Silt Fence	\$ 3.39	\$ 3.42	\$ 3.59
734.0610	CuYd	Mucking Silt Fence	\$ 0.98	\$ 4.93	\$ 5.18
734.0620	Ft	Repair Silt Fence	\$ 0.71	\$ 0.43	\$ 0.45
734.0630	Ft	Floating Silt Curtain	\$ 16.00	\$ 22.00	\$ 23.10
734.0850	Each	Inlet Protection	\$ 81.77	\$ 75.53	\$ 79.31
734.0862	Ft	12" Temporary Slope Drain			\$ -
734.0868	Ft	18" Temporary Slope Drain			\$ -
734.0871	Ft	21" Temporary Slope Drain			\$ -
734.0874	Ft	24" Temporary Slope Drain			\$ -
734.0880	Ft	30" Temporary Slope Drain			\$ -
734.5010	Hour	Sweeping	\$ 98.23	\$ 100.24	\$ 105.25
734.6001	Each	Temporary Vehicle Tracking Control	\$ 756.78	\$ 570.08	\$ 598.58
734.6005	Ft	Rough Cut Street Control	\$ 10.00	\$ 5.00	\$ 5.25
734.6006	Each	Concrete Washout Area	\$ 449.84	\$ 281.58	\$ 295.66
734.6011	Each	Temporary Stream Crossing	\$ 3,460.00	\$ 2,500.00	\$ 2,625.00
735.0100	Each	Perennial Plant, Furnish and Plant			\$ -
735.0110	Each	1 Gallon Perennial Plant, Furnish and Plant		\$ 19.59	\$ 20.57
735.0120	Each	2 Gallon Perennial Plant, Furnish and Plant			\$ -
735.1000	Each	Shrub, Furnish and Plant		\$ 42.50	\$ 44.63
735.1112	Each	12" Deciduous Shrub, Furnish and Plant			\$ -
735.1118	Each	18" Deciduous Shrub, Furnish and Plant			\$ -
735.1120	Each	2' Deciduous Shrub, Furnish and Plant			\$ -
735.1130	Each	3' Deciduous Shrub, Furnish and Plant			\$ -
735.1140	Each	4' Deciduous Shrub, Furnish and Plant			\$ -
735.1150	Each	5' Deciduous Shrub, Furnish and Plant			\$ -
735.1160	Each	6' Deciduous Shrub, Furnish and Plant			\$ -
735.1170	Each	7' Deciduous Shrub, Furnish and Plant			\$ -
735.1180	Each	8' Deciduous Shrub, Furnish and Plant			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
735.1190	Each	9' Deciduous Shrub, Furnish and Plant			\$ -
735.1200	Each	10' Deciduous Shrub, Furnish and Plant			\$ -
735.1205	Each	1 Gallon Deciduous Shrub, Furnish and Plant			\$ -
735.1210	Each	2 Gallon Deciduous Shrub, Furnish and Plant	\$ 44.00		\$ -
735.1306	Each	6" Coniferous Evergreen, Furnish and Plant			\$ -
735.1309	Each	9" Coniferous Evergreen, Furnish and Plant			\$ -
735.1312	Each	12" Coniferous Evergreen, Furnish and Plant			\$ -
735.1315	Each	15" Coniferous Evergreen, Furnish and Plant			\$ -
735.1318	Each	18" Coniferous Evergreen, Furnish and Plant			\$ -
735.1320	Each	2' Coniferous Evergreen, Furnish and Plant			\$ -
735.1330	Each	3' Coniferous Evergreen, Furnish and Plant			\$ -
735.1340	Each	4' Coniferous Evergreen, Furnish and Plant			\$ -
735.1350	Each	5' Coniferous Evergreen, Furnish and Plant			\$ -
735.1360	Each	6' Coniferous Evergreen, Furnish and Plant			\$ -
735.1370	Each	7' Coniferous Evergreen, Furnish and Plant	\$ 367.50		\$ -
735.1380	Each	8' Coniferous Evergreen, Furnish and Plant			\$ -
735.1390	Each	9' Coniferous Evergreen, Furnish and Plant			\$ -
735.1400	Each	10' Coniferous Evergreen, Furnish and Plant			\$ -
735.1404	Each	Coniferous Evergreen, Furnish			\$ -
735.1405	Each	Coniferous Evergreen, Plant			\$ -
735.1510	Each	1 Gallon Coniferous Shrub, Furnish and Plant			\$ -
735.1520	Each	2 Gallon Coniferous Shrub, Furnish and Plant			\$ -
735.2000	Each	Tree Seedling, Furnish and Plant			\$ -
735.2020	Each	2' to 4' Tree, Furnish and Plant			\$ -
735.2040	Each	4' to 6' Tree, Furnish and Plant			\$ -
735.2060	Each	6' to 8' Tree, Furnish and Plant			\$ -
735.2080	Each	8' to 10' Tree, Furnish and Plant			\$ -
735.2100	Each	10' to 15' Tree, Furnish and Plant			\$ -
735.2202	Each	2' Deciduous Tree, Furnish and Plant			\$ -
735.2203	Each	3' Deciduous Tree, Furnish and Plant			\$ -
735.2204	Each	4' Deciduous Tree, Furnish and Plant			\$ -
735.2205	Each	5' Deciduous Tree, Furnish and Plant			\$ -
735.2206	Each	0.5" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2207	Each	0.75" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2210	Each	1" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2212	Each	1.25" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2215	Each	1.5" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2217	Each	1.75" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2220	Each	2" Caliper Deciduous Tree, Furnish and Plant	\$ 335.10	\$ 366.67	\$ 385.00

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
735.2225	Each	2.5" Caliper Deciduous Tree, Furnish and Plant	\$ 389.45	\$ 520.00	\$ 546.00
735.2230	Each	3" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2235	Each	3.5" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2240	Each	4" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2250	Each	5" Caliper Deciduous Tree, Furnish and Plant			\$ -
735.2260	Each	5' Whip, Deciduous Tree, Furnish and Plant			\$ -
735.2265	Each	6' Deciduous Tree, Furnish and Plant			\$ -
735.3000	Each	Salvage, Store, and Replant Shrub			\$ -
735.3010	Each	Salvage, Store, and Replant Tree			\$ -
735.4000	Each	Tree Trimming	\$ 500.00	\$ 181.45	\$ 190.52
735.5010	Each	1 Gallon Ornamental Grass, Furnish and Plant		\$ 19.31	\$ 20.28
735.5020	Each	2 Gallon Ornamental Grass, Furnish and Plant	\$ 188.58		\$ -
735.5050	Each	Transplant Tree		\$ 438.14	\$ 460.05
831.0050	SqYd	Geotextile Fabric For Subgrade Stabilization	\$ 2.23	\$ 2.25	\$ 2.36
831.0100	SqYd	Type A Drainage Fabric		\$ 5.45	\$ 5.72
831.0110	SqYd	Type B Drainage Fabric	\$ 2.47	\$ 2.93	\$ 3.08
831.0200	SqYd	Woven Geotextile Separator		\$ 4.24	\$ 4.45
831.0210	SqYd	Non-woven Geotextile Separator	\$ 7.00		\$ -
831.0300	SqYd	MSE Geotextile Fabric	\$ 4.00		\$ -
831.1010	SqYd	Geogrid Reinforcement		\$ 5.50	\$ 5.78
900.0100	Ft	4" Ductile Iron Watermain	\$ 41.73		\$ -
900.0101	Ft	6" Ductile Iron Watermain	\$ 41.65	\$ 52.85	\$ 55.49
900.0102	Ft	8" Ductile Iron Watermain	\$ 51.56	\$ 44.00	\$ 46.20
900.0103	Ft	10" Ductile Iron Watermain			\$ -
900.0104	Ft	12" Ductile Iron Watermain	\$ 81.66	\$ 50.00	\$ 52.50
900.0105	Ft	16" Ductile Iron Watermain	\$ 51.55	\$ 56.44	\$ 59.26
900.0106	Ft	20" Ductile Iron Watermain	\$ 78.45	\$ 68.86	\$ 72.30
900.0107	Ft	24" Ductile Iron Watermain	\$ 76.26	\$ 98.12	\$ 103.03
900.0108	Ft	30" Ductile Iron Watermain		\$ 211.88	\$ 222.47
900.0109	Ft	36" Ductile Iron Watermain			\$ -
900.0200	Ft	4" C900 DR 18 PVC Watermain	\$ 23.78		\$ -
900.0201	Ft	6" C900 DR 18 PVC Watermain	\$ 25.98	\$ 27.76	\$ 29.15
900.0202	Ft	8" C900 DR 18 PVC Watermain	\$ 30.22	\$ 27.91	\$ 29.31
900.0203	Ft	10" C900 DR 18 PVC Watermain	\$ 35.50	\$ 36.23	\$ 38.04
900.0204	Ft	12" C900 DR 18 PVC Watermain	\$ 73.26	\$ 38.83	\$ 40.77
900.0205	Ft	16" C905 DR 18 PVC Watermain			\$ -
900.0206	Ft	20" C905 DR 18 PVC Watermain			\$ -
900.0207	Ft	24" C905 DR 18 PVC Watermain			\$ -
900.0208	Ft	30" C905 DR 18 PVC Watermain			\$ -
900.0209	Ft	36" C905 DR 18 PVC Watermain			\$ -
900.0300	Ft	4" Restrained Joint PVC Pipe		\$ 50.00	\$ 52.50
900.0301	Ft	6" Restrained Joint PVC Pipe		\$ 55.00	\$ 57.75
900.0302	Ft	8" Restrained Joint PVC Pipe		\$ 60.00	\$ 63.00
900.0303	Ft	10" Restrained Joint PVC Pipe			\$ -
900.0304	Ft	12" Restrained Joint PVC Pipe			\$ -
900.0350	Ft	16" Restrained Joint Ductile Iron Pipe			\$ -
900.0351	Ft	20" Restrained Joint Ductile Iron Pipe			\$ -
900.0352	Ft	24" Restrained Joint Ductile Iron Pipe			\$ -
900.0353	Ft	30" Restrained Joint Ductile Iron Pipe			\$ -
900.0354	Ft	36" Restrained Joint Ductile Iron Pipe			\$ -
900.0400	Each	Valve Box	\$ 238.80	\$ 254.36	\$ 267.08
900.0401	Each	4" MJ Gate Valve with Box	\$ 1,073.48		\$ -
900.0402	Each	6" MJ Gate Valve with Box	\$ 1,076.87	\$ 1,029.19	\$ 1,080.65
900.0403	Each	8" MJ Gate Valve with Box	\$ 1,477.75	\$ 1,331.23	\$ 1,397.79
900.0404	Each	10" MJ Gate Valve with Box			\$ -
900.0405	Each	12" MJ Gate Valve with Box	\$ 2,536.71	\$ 2,505.41	\$ 2,630.68
900.0406	Each	16" MJ Butterfly Valve with Box			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
900.0407	Each	20" MJ Butterfly Valve with Box			\$ -
900.0408	Each	24" MJ Butterfly Valve with Box			\$ -
900.0409	Each	30" MJ Butterfly Valve with Box			\$ -
900.0410	Each	36" MJ Butterfly Valve with Box			\$ -
900.0450	Each	Valve Box Adjustment	\$ 218.99	\$ 248.19	\$ 260.60
900.0451	Each	Valve Box Extension	\$ 150.00	\$ 209.82	\$ 220.31
900.0452	Each	Valve Box Replacement	\$ 635.00	\$ 372.10	\$ 390.71
900.0500	Each	4" MJ Elbow 11.25/22.5/45 Degree			\$ -
900.0501	Each	6" MJ Elbow 11.25/22.5/45 Degree	\$ 261.66	\$ 296.67	\$ 311.50
900.0502	Each	8" MJ Elbow 11.25/22.5/45 Degree	\$ 343.39	\$ 291.69	\$ 306.27
900.0503	Each	10" MJ Elbow 11.25/22.5/45 Degree	\$ 283.00		\$ -
900.0504	Each	12" MJ Elbow 11.25/22.5/45 Degree	\$ 489.50	\$ 427.69	\$ 449.07
900.0505	Each	16" MJ Elbow 11.25/22.5/45 Degree	\$ 680.65	\$ 650.00	\$ 682.50
900.0506	Each	20" MJ Elbow 11.25/22.5/45 Degree	\$ 1,034.00		\$ -
900.0507	Each	24" MJ Elbow 11.25/22.5/45 Degree			\$ -
900.0508	Each	30" MJ Elbow 11.25/22.5/45 Degree			\$ -
900.0509	Each	36" MJ Elbow 11.25/22.5/45 Degree			\$ -
900.0600	Each	4" MJ Elbow 90 Degree			\$ -
900.0601	Each	6" MJ Elbow 90 Degree	\$ 300.20	\$ 767.75	\$ 806.14
900.0602	Each	8" MJ Elbow 90 Degree	\$ 317.50	\$ 890.00	\$ 934.50
900.0603	Each	10" MJ Elbow 90 Degree			\$ -
900.0604	Each	12" MJ Elbow 90 Degree	\$ 347.00		\$ -
900.0605	Each	16" MJ Elbow 90 Degree			\$ -
900.0606	Each	20" MJ Elbow 90 Degree			\$ -
900.0607	Each	24" MJ Elbow 90 Degree			\$ -
900.0608	Each	30" MJ Elbow 90 Degree			\$ -
900.0609	Each	36" MJ Elbow 90 Degree			\$ -
900.0700	Each	4" x 4" MJ Tee			\$ -
900.0701	Each	6" x 6" MJ Tee		\$ 425.00	\$ 446.25
900.0702	Each	6" x 4" MJ Tee			\$ -
900.0703	Each	8" x 8" MJ Tee	\$ 446.57	\$ 589.43	\$ 618.90
900.0704	Each	8" x 6" MJ Tee	\$ 399.39	\$ 376.85	\$ 395.69
900.0705	Each	8" x 4" MJ Tee	\$ 449.40		\$ -
900.0706	Each	10" x 10" MJ Tee			\$ -
900.0707	Each	10" x 8" MJ Tee	\$ 532.00		\$ -
900.0708	Each	10" x 6" MJ Tee			\$ -
900.0709	Each	10" x 4" MJ Tee			\$ -
900.0710	Each	12" x 12" MJ Tee	\$ 757.30		\$ -
900.0711	Each	12" x 10" MJ Tee			\$ -
900.0712	Each	12" x 8" MJ Tee		\$ 487.70	\$ 512.09
900.0713	Each	12" x 6" MJ Tee	\$ 628.53	\$ 555.19	\$ 582.95
900.0714	Each	12" x 4" MJ Tee			\$ -
900.0715	Each	16" x 16" MJ Tee			\$ -
900.0716	Each	16" x 12" MJ Tee		\$ 800.00	\$ 840.00
900.0717	Each	16" x 10" MJ Tee			\$ -
900.0718	Each	16" x 8" MJ Tee	\$ 839.82	\$ 813.33	\$ 854.00
900.0719	Each	16" x 6" MJ Tee	\$ 866.33	\$ 700.00	\$ 735.00
900.0720	Each	16" x 4" MJ Tee			\$ -
900.0721	Each	20" x 20" MJ Tee		\$ 1,800.00	\$ 1,890.00
900.0722	Each	20" x 16" MJ Tee			\$ -
900.0723	Each	20" x 12" MJ Tee		\$ 2,000.00	\$ 2,100.00
900.0724	Each	20" x 10" MJ Tee			\$ -
900.0725	Each	20" x 8" MJ Tee	\$ 1,240.80	\$ 1,808.16	\$ 1,898.57
900.0726	Each	20" x 6" MJ Tee	\$ 1,214.95	\$ 1,650.00	\$ 1,732.50
900.0727	Each	20" x 4" MJ Tee			\$ -
900.0728	Each	24" x 24" MJ Tee		\$ 5,000.00	\$ 5,250.00
900.0729	Each	24" x 20" MJ Tee			\$ -
900.0730	Each	24" x 16" MJ Tee			\$ -
900.0731	Each	24" x 12" MJ Tee			\$ -
900.0732	Each	30" x 30" MJ Tee			\$ -
900.0733	Each	30" x 24" MJ Tee			\$ -
900.0734	Each	30" x 20" MJ Tee			\$ -
900.0735	Each	30" x 16" MJ Tee			\$ -
900.0736	Each	30" x 12" MJ Tee			\$ -
900.0737	Each	36" x 36" MJ Tee			\$ -
900.0738	Each	36" x 30" MJ Tee			\$ -
900.0739	Each	36" x 24" MJ Tee			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
900.0740	Each	36" x 20" MJ Tee			\$ -
900.0741	Each	36" x 16" MJ Tee			\$ -
900.0742	Each	36" x 12" MJ Tee			\$ -
900.0800	Each	6" x 4" MJ Reducer	\$ 281.00		\$ -
900.0801	Each	8" x 4" MJ Reducer		\$ 300.00	\$ 315.00
900.0802	Each	8" x 6" MJ Reducer	\$ 274.38	\$ 306.19	\$ 321.50
900.0803	Each	10" x 4" MJ Reducer			\$ -
900.0804	Each	10" x 6" MJ Reducer			\$ -
900.0805	Each	10" x 8" MJ Reducer	\$ 291.00	\$ 153.30	\$ 160.97
900.0806	Each	12" x 4" MJ Reducer			\$ -
900.0807	Each	12" x 6" MJ Reducer			\$ -
900.0808	Each	12" x 8" MJ Reducer	\$ 351.49	\$ 176.73	\$ 185.57
900.0809	Each	12" x 10" MJ Reducer	\$ 488.99	\$ 425.00	\$ 446.25
900.0810	Each	16" x 6" MJ Reducer		\$ 500.00	\$ 525.00
900.0811	Each	16" x 8" MJ Reducer			\$ -
900.0812	Each	16" x 10" MJ Reducer			\$ -
900.0813	Each	16" x 12" MJ Reducer		\$ 600.00	\$ 630.00
900.0814	Each	20" x 10" MJ Reducer			\$ -
900.0815	Each	20" x 12" MJ Reducer	\$ 827.20	\$ 600.00	\$ 630.00
900.0816	Each	20" x 16" MJ Reducer	\$ 827.20	\$ 921.52	\$ 967.60
900.0817	Each	24" x 12" MJ Reducer			\$ -
900.0818	Each	24" x 16" MJ Reducer			\$ -
900.0819	Each	24" x 20" MJ Reducer	\$ 1,292.50	\$ 2,500.00	\$ 2,625.00
900.0820	Each	30" x 12" MJ Reducer			\$ -
900.0821	Each	30" x 16" MJ Reducer		\$ 3,201.40	\$ 3,361.47
900.0822	Each	30" x 20" MJ Reducer		\$ 3,300.00	\$ 3,465.00
900.0823	Each	30" x 24" MJ Reducer		\$ 4,200.00	\$ 4,410.00
900.0824	Each	36" x 12" MJ Reducer			\$ -
900.0825	Each	36" x 16" MJ Reducer			\$ -
900.0826	Each	36" x 20" MJ Reducer			\$ -
900.0827	Each	36" x 24" MJ Reducer			\$ -
900.0828	Each	36" x 30" MJ Reducer			\$ -
900.0900	Each	4" x 4" MJ Cross			\$ -
900.0901	Each	6" x 4" MJ Cross			\$ -
900.0902	Each	6" x 6" MJ Cross			\$ -
900.0903	Each	8" x 4" MJ Cross			\$ -
900.0904	Each	8" x 6" MJ Cross	\$ 465.00		\$ -
900.0905	Each	8" x 8" MJ Cross	\$ 460.91	\$ 390.79	\$ 410.33
900.0906	Each	10" x 4" MJ Cross			\$ -
900.0907	Each	10" x 6" MJ Cross			\$ -
900.0908	Each	10" x 8" MJ Cross		\$ 650.00	\$ 682.50
900.0909	Each	10" x 10" MJ Cross			\$ -
900.0910	Each	12" x 4" MJ Cross			\$ -
900.0911	Each	12" x 6" MJ Cross			\$ -
900.0912	Each	12" x 8" MJ Cross	\$ 80,785.00		\$ -
900.0913	Each	12" x 10" MJ Cross			\$ -
900.0914	Each	12" x 12" MJ Cross		\$ 653.14	\$ 685.80
900.0915	Each	16" x 8" MJ Cross	\$ 755.56		\$ -
900.0916	Each	16" x 10" MJ Cross			\$ -
900.0917	Each	16" x 12" MJ Cross	\$ 1,397.98		\$ -
900.0918	Each	16" x 16" MJ Cross			\$ -
900.0919	Each	20" x 12" MJ Cross	\$ 1,757.80		\$ -
900.0920	Each	20" x 16" MJ Cross			\$ -
900.0921	Each	20" x 20" MJ Cross	\$ 3,257.10		\$ -
900.0922	Each	24" x 12" MJ Cross			\$ -
900.0923	Each	24" x 16" MJ Cross	\$ 2,705.47		\$ -
900.0924	Each	24" x 20" MJ Cross			\$ -
900.0925	Each	24" x 24" MJ Cross			\$ -
900.0926	Each	30" x 12" MJ Cross			\$ -
900.0927	Each	30" x 16" MJ Cross			\$ -
900.0928	Each	30" x 20" MJ Cross			\$ -
900.0929	Each	30" x 24" MJ Cross		\$ 8,078.88	\$ 8,482.82
900.0930	Each	30" x 30" MJ Cross			\$ -
900.0931	Each	36" x 12" MJ Cross			\$ -
900.0932	Each	36" x 16" MJ Cross			\$ -
900.0933	Each	36" x 20" MJ Cross			\$ -
900.0934	Each	36" x 24" MJ Cross			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
900.0935	Each	36" x 30" MJ Cross			\$ -
900.0936	Each	36" x 36" MJ Cross			\$ -
900.1000	Each	4" MJ Plug	\$ 100.00		\$ -
900.1001	Each	6" MJ Plug	\$ 125.00	\$ 142.67	\$ 149.80
900.1002	Each	8" MJ Plug	\$ 179.65	\$ 104.00	\$ 109.20
900.1003	Each	10" MJ Plug			\$ -
900.1004	Each	12" MJ Plug	\$ 241.10		\$ -
900.1005	Each	16" MJ Plug	\$ 1,297.17	\$ 1,040.00	\$ 1,092.00
900.1006	Each	20" MJ Plug			\$ -
900.1007	Each	24" MJ Plug	\$ 1,560.19		\$ -
900.1008	Each	30" MJ Plug			\$ -
900.1009	Each	36" MJ Plug			\$ -
900.1050	Each	4" SJ Plug			\$ -
900.1051	Each	6" SJ Plug	\$ 102.72	\$ 91.08	\$ 95.63
900.1052	Each	8" SJ Plug	\$ 120.91	\$ 78.08	\$ 81.98
900.1053	Each	10" SJ Plug	\$ 158.36	\$ 178.55	\$ 187.48
900.1054	Each	12" SJ Plug		\$ 130.86	\$ 137.40
900.1055	Each	16" SJ Plug			\$ -
900.1056	Each	20" SJ Plug		\$ 700.00	\$ 735.00
900.1057	Each	24" SJ Plug			\$ -
900.1058	Each	30" SJ Plug			\$ -
900.1059	Each	36" SJ Plug			\$ -
900.1100	Each	4" MJ Cap	\$ 100.43		\$ -
900.1101	Each	6" MJ Cap	\$ 173.16	\$ 172.84	\$ 181.48
900.1102	Each	8" MJ Cap	\$ 179.96	\$ 94.37	\$ 99.09
900.1103	Each	10" MJ Cap	\$ 163.79	\$ 150.00	\$ 157.50
900.1104	Each	12" MJ Cap	\$ 284.35	\$ 417.01	\$ 437.86
900.1105	Each	16" MJ Cap		\$ 457.55	\$ 480.43
900.1106	Each	20" MJ Cap	\$ 568.70	\$ 350.00	\$ 367.50
900.1107	Each	24" MJ Cap	\$ 723.80	\$ 1,205.75	\$ 1,266.04
900.1108	Each	30" MJ Cap			\$ -
900.1109	Each	36" MJ Cap			\$ -
900.1200	Each	4" MJ Long Sleeve	\$ 234.01	\$ 250.00	\$ 262.50
900.1201	Each	6" MJ Long Sleeve	\$ 275.48	\$ 342.95	\$ 360.10
900.1202	Each	8" MJ Long Sleeve	\$ 326.79	\$ 289.85	\$ 304.34
900.1203	Each	10" MJ Long Sleeve	\$ 363.50	\$ 425.00	\$ 446.25
900.1204	Each	12" MJ Long Sleeve	\$ 401.68	\$ 384.83	\$ 404.07
900.1205	Each	16" MJ Long Sleeve	\$ 827.74	\$ 813.33	\$ 854.00
900.1206	Each	20" MJ Long Sleeve	\$ 936.50		\$ -
900.1207	Each	24" MJ Long Sleeve	\$ 1,518.52		\$ -
900.1208	Each	30" MJ Long Sleeve			\$ -
900.1209	Each	36" MJ Long Sleeve			\$ -
900.1310	Each	4" MJ Oversize Sleeve	\$ 250.00		\$ -
900.1311	Each	6" MJ Oversize Sleeve	\$ 416.25	\$ 600.00	\$ 630.00
900.1312	Each	8" MJ Oversize Sleeve	\$ 575.00		\$ -
900.1313	Each	10" MJ Oversize Sleeve		\$ 600.00	\$ 630.00
900.1314	Each	12" MJ Oversize Sleeve		\$ 750.00	\$ 787.50
900.1315	Each	16" MJ Oversize Sleeve			\$ -
900.1316	Each	20" MJ Oversize Sleeve	\$ 2,500.00	\$ 1,500.00	\$ 1,575.00
900.1317	Each	24" MJ Oversize Sleeve			\$ -
900.1318	Each	30" MJ Oversize Sleeve			\$ -
900.1319	Each	36" MJ Oversize Sleeve			\$ -
900.1400	Each	4" M.J. Retainer Gland	\$ 61.03	\$ 60.00	\$ 63.00
900.1401	Each	6" M.J. Retainer Gland	\$ 59.57	\$ 58.21	\$ 61.12
900.1402	Each	8" M.J. Retainer Gland	\$ 79.53	\$ 67.92	\$ 71.32
900.1403	Each	10" M.J. Retainer Gland	\$ 97.33	\$ 112.14	\$ 117.75
900.1404	Each	12" M.J. Retainer Gland	\$ 138.15	\$ 128.84	\$ 135.28
900.1405	Each	16" M.J. Retainer Gland	\$ 357.95	\$ 180.39	\$ 189.41
900.1406	Each	20" M.J. Retainer Gland	\$ 325.71	\$ 350.00	\$ 367.50
900.1407	Each	24" M.J. Retainer Gland	\$ 799.19		\$ -
900.1408	Each	30" M.J. Retainer Gland			\$ -
900.1409	Each	36" M.J. Retainer Gland			\$ -
900.1502	Each	Fire Hydrant	\$ 3,039.32	\$ 3,100.15	\$ 3,255.16
900.1503	Each	6" Fire Hydrant Extension	\$ 580.00		\$ -
900.1504	Each	12" Fire Hydrant Extension	\$ 599.86	\$ 768.70	\$ 807.14
900.1505	Each	18" Fire Hydrant Extension	\$ 705.49	\$ 838.97	\$ 880.92
900.1506	Each	24" Fire Hydrant Extension	\$ 723.80	\$ 936.00	\$ 982.80



Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
900.1507	Each	Temporary Fire Hydrant	\$ 1,313.42	\$ 1,016.80	\$ 1,067.64
900.1700	Each	4" Watermain Adjustment			\$ -
900.1701	Each	6" Watermain Adjustment	\$ 1,198.33	\$ 1,560.00	\$ 1,638.00
900.1702	Each	8" Watermain Adjustment	\$ 1,777.43	\$ 2,180.00	\$ 2,289.00
900.1703	Each	10" Watermain Adjustment	\$ 2,070.00		\$ -
900.1704	Each	12" Watermain Adjustment	\$ 1,525.65	\$ 3,950.00	\$ 4,147.50
900.1705	Each	16" Watermain Adjustment		\$ 2,500.00	\$ 2,625.00
900.1706	Each	20" Watermain Adjustment			\$ -
900.1707	Each	24" Watermain Adjustment			\$ -
900.1708	Each	30" Watermain Adjustment			\$ -
900.1709	Each	36" Watermain Adjustment			\$ -
900.1750	Each	Connect To Existing Watermain	\$ 691.34	\$ 1,283.00	\$ 1,347.15
900.1751	Each	Cut and Tie To Existing Watermain	\$ 1,061.63	\$ 1,206.90	\$ 1,267.25
900.5152	SqYd	Weed Barrier Fabric			\$ -
900.5400	LS	Sprinkler System			\$ -
900.5410	LS	Modify Sprinkler System			\$ -
900.6000	Ft	Water Service Trench Excavating and Backfilling	\$ 30.43	\$ 19.05	\$ 20.00
900.6001	Each	Water Service Disconnect Excavate and Backfilling		\$ 1,551.50	\$ 1,629.08
900.6002	Each	Water Service Setback Excavate and Backfilling		\$ 200.17	\$ 210.18
900.6003	Each	Water Service Reconnect Excavate and Backfilling		\$ 191.05	\$ 200.60
900.6004	Each	Excavate and Backfill for City furnished Smith Tap and	\$ 33.04	\$ 1,099.67	\$ 1,154.65
900.6100	Each	Restrain Existing Valve			\$ -
900.6105	Each	Restrain Existing Pipe Joint			\$ -
900.6200	Each	5/8" Backflow Preventor			\$ -
900.6201	Each	3/4" Backflow Preventor			\$ -
900.6203	Each	1" Backflow Preventor			\$ -
900.6204	Each	1 1/2" Backflow Preventor			\$ -
900.6205	Each	2" Backflow Preventor			\$ -
900.6210	Each	Above Ground Heated Enclosure For Backflow			\$ -
900.6250	Each	Valve Box Marker	\$ 60.71		\$ -
900.7000	Ft	1" Watermain Bypass Pipe			\$ -
900.7001	Ft	2" Watermain Bypass Pipe			\$ -
900.7002	Ft	4" Watermain Bypass Pipe			\$ -
900.8000	Ft	4" Watermain Bedding Material	\$ 3.58	\$ 3.00	\$ 3.15
900.8001	Ft	6" Watermain Bedding Material	\$ 3.55	\$ 3.64	\$ 3.82
900.8002	Ft	8" Watermain Bedding Material	\$ 3.72	\$ 3.29	\$ 3.45
900.8003	Ft	10" Watermain Bedding Material	\$ 3.78	\$ 4.27	\$ 4.48
900.8004	Ft	12" Watermain Bedding Material	\$ 4.52	\$ 4.55	\$ 4.78
900.8005	Ft	16" Watermain Bedding Material	\$ 5.56	\$ 5.89	\$ 6.18
900.8006	Ft	20" Watermain Bedding Material	\$ 6.72	\$ 5.20	\$ 5.46
900.8007	Ft	24" Watermain Bedding Material	\$ 8.19	\$ 8.32	\$ 8.74
900.8008	Ft	30" Watermain Bedding Material		\$ 9.75	\$ 10.24
900.8009	Ft	36" Watermain Bedding Material			\$ -
950.0100	Ft	8" Sanitary Sewer Pipe 0' to 6' Deep	\$ 61.41	\$ 55.79	\$ 58.58
950.0101	Ft	8" Sanitary Sewer Pipe 6' to 8' Deep	\$ 36.20	\$ 41.16	\$ 43.22
950.0102	Ft	8" Sanitary Sewer Pipe 8' to 10' Deep	\$ 43.47	\$ 45.20	\$ 47.46
950.0103	Ft	8" Sanitary Sewer Pipe 10' to 12' Deep	\$ 25.07	\$ 29.66	\$ 31.14
950.0104	Ft	8" Sanitary Sewer Pipe 12' to 14' Deep	\$ 33.04	\$ 29.32	\$ 30.79
950.0105	Ft	8" Sanitary Sewer Pipe 14' to 16' Deep	\$ 33.06	\$ 49.15	\$ 51.61
950.0106	Ft	8" Sanitary Sewer Pipe 16' to 18' Deep	\$ 97.20	\$ 47.48	\$ 49.85
950.0107	Ft	8" Sanitary Sewer Pipe 18' to 20' Deep	\$ 113.40	\$ 35.32	\$ 37.09
950.0108	Ft	8" Sanitary Sewer Pipe 20' to 22' Deep		\$ 98.36	\$ 103.28
950.0109	Ft	8" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0110	Ft	8" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0111	Ft	8" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0112	Ft	8" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0200	Ft	10" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0201	Ft	10" Sanitary Sewer Pipe 6' to 8' Deep		\$ 30.00	\$ 31.50
950.0202	Ft	10" Sanitary Sewer Pipe 8' to 10' Deep	\$ 40.00	\$ 45.05	\$ 47.30

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
950.0203	Ft	10" Sanitary Sewer Pipe 10' to 12' Deep	\$ 33.43	\$ 68.19	\$ 71.60
950.0204	Ft	10" Sanitary Sewer Pipe 12' to 14' Deep		\$ 33.98	\$ 35.68
950.0205	Ft	10" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.0206	Ft	10" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0207	Ft	10" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.0208	Ft	10" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0209	Ft	10" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0210	Ft	10" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0211	Ft	10" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0212	Ft	10" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0300	Ft	12" Sanitary Sewer Pipe 0' to 6' Deep		\$ 97.50	\$ 102.38
950.0301	Ft	12" Sanitary Sewer Pipe 6' to 8' Deep		\$ 32.25	\$ 33.86
950.0302	Ft	12" Sanitary Sewer Pipe 8' to 10' Deep	\$ 42.00	\$ 36.22	\$ 38.03
950.0303	Ft	12" Sanitary Sewer Pipe 10' to 12' Deep		\$ 43.06	\$ 45.21
950.0304	Ft	12" Sanitary Sewer Pipe 12' to 14' Deep		\$ 117.50	\$ 123.38
950.0305	Ft	12" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.0306	Ft	12" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0307	Ft	12" Sanitary Sewer Pipe 18' to 20' Deep		\$ 177.50	\$ 186.38
950.0308	Ft	12" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0309	Ft	12" Sanitary Sewer Pipe 22' to 24' Deep		\$ 197.50	\$ 207.38
950.0310	Ft	12" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0311	Ft	12" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0312	Ft	12" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0400	Ft	15" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0401	Ft	15" Sanitary Sewer Pipe 6' to 8' Deep		\$ 40.00	\$ 42.00
950.0402	Ft	15" Sanitary Sewer Pipe 8' to 10'		\$ 42.00	\$ 44.10
950.0403	Ft	15" Sanitary Sewer Pipe 10' to 12' Deep		\$ 45.00	\$ 47.25
950.0404	Ft	15" Sanitary Sewer Pipe 12' to 14' Deep		\$ 50.00	\$ 52.50
950.0405	Ft	15" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.0406	Ft	15" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0407	Ft	15" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.0408	Ft	15" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0409	Ft	15" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0410	Ft	15" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0411	Ft	15" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0412	Ft	15" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0500	Ft	18" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0501	Ft	18" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.0502	Ft	18" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.0503	Ft	18" Sanitary Sewer Pipe 10' to 12' Deep	\$ 31.42		\$ -
950.0504	Ft	18" Sanitary Sewer Pipe 12' to 14' Deep	\$ 31.00		\$ -
950.0505	Ft	18" Sanitary Sewer Pipe 14' to 16' Deep	\$ 33.50		\$ -
950.0506	Ft	18" Sanitary Sewer Pipe 16' to 18' Deep	\$ 37.00	\$ 240.45	\$ 252.47
950.0507	Ft	18" Sanitary Sewer Pipe 18' to 20' Deep	\$ 41.50		\$ -
950.0508	Ft	18" Sanitary Sewer Pipe 20' to 22' Deep	\$ 55.00		\$ -
950.0509	Ft	18" Sanitary Sewer Pipe 22' to 24' Deep	\$ 65.50	\$ 270.45	\$ 283.97
950.0510	Ft	18" Sanitary Sewer Pipe 24' to 26' Deep	\$ 83.00		\$ -
950.0511	Ft	18" Sanitary Sewer Pipe 26' to 28' Deep	\$ 100.00		\$ -
950.0512	Ft	18" Sanitary Sewer Pipe 28' to 30' Deep	\$ 117.00		\$ -
950.0600	Ft	21" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0601	Ft	21" Sanitary Sewer Pipe 6' to 8' Deep		\$ 60.00	\$ 63.00
950.0602	Ft	21" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.0603	Ft	21" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.0604	Ft	21" Sanitary Sewer Pipe 12' to 14' Deep		\$ 36.40	\$ 38.22
950.0605	Ft	21" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.0606	Ft	21" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0607	Ft	21" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.0608	Ft	21" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0609	Ft	21" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0610	Ft	21" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0611	Ft	21" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0612	Ft	21" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0700	Ft	24" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0701	Ft	24" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.0702	Ft	24" Sanitary Sewer Pipe 8' to 10' Deep		\$ 72.00	\$ 75.60
950.0703	Ft	24" Sanitary Sewer Pipe 10' to 12' Deep		\$ 75.00	\$ 78.75
950.0704	Ft	24" Sanitary Sewer Pipe 12' to 14' Deep	\$ 106.92	\$ 80.00	\$ 84.00

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
950.0705	Ft	24" Sanitary Sewer Pipe 14' to 16' Deep	\$ 106.92		\$ -
950.0706	Ft	24" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0707	Ft	24" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.0708	Ft	24" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0709	Ft	24" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0710	Ft	24" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0711	Ft	24" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0712	Ft	24" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0800	Ft	27" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0801	Ft	27" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.0802	Ft	27" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.0803	Ft	27" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.0804	Ft	27" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.0805	Ft	27" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.0806	Ft	27" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0807	Ft	27" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.0808	Ft	27" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0809	Ft	27" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0810	Ft	27" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0811	Ft	27" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0812	Ft	27" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.0900	Ft	30" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.0901	Ft	30" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.0902	Ft	30" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.0903	Ft	30" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.0904	Ft	30" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.0905	Ft	30" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.0906	Ft	30" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.0907	Ft	30" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.0908	Ft	30" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.0909	Ft	30" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.0910	Ft	30" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.0911	Ft	30" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.0912	Ft	30" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.1000	Ft	33" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.1001	Ft	33" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.1002	Ft	33" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.1003	Ft	33" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.1004	Ft	33" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.1005	Ft	33" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.1006	Ft	33" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.1007	Ft	33" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.1008	Ft	33" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.1009	Ft	33" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.1010	Ft	33" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.1011	Ft	33" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.1012	Ft	33" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.1100	Ft	36" Sanitary Sewer Pipe 0' to 6' Deep		\$ 335.00	\$ 351.75
950.1101	Ft	36" Sanitary Sewer Pipe 6' to 8' Deep		\$ 158.00	\$ 165.90
950.1102	Ft	36" Sanitary Sewer Pipe 8' to 10' Deep		\$ 159.00	\$ 166.95
950.1103	Ft	36" Sanitary Sewer Pipe 10' to 12' Deep		\$ 161.00	\$ 169.05
950.1104	Ft	36" Sanitary Sewer Pipe 12' to 14' Deep		\$ 165.40	\$ 173.67
950.1105	Ft	36" Sanitary Sewer Pipe 14' to 16' Deep		\$ 167.40	\$ 175.77
950.1106	Ft	36" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.1107	Ft	36" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.1108	Ft	36" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.1109	Ft	36" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.1110	Ft	36" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.1111	Ft	36" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.1112	Ft	36" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.1200	Ft	42" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.1201	Ft	42" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.1202	Ft	42" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.1203	Ft	42" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.1204	Ft	42" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.1205	Ft	42" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.1206	Ft	42" Sanitary Sewer Pipe 16' to 18' Deep			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
950.1207	Ft	42" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.1208	Ft	42" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.1209	Ft	42" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.1210	Ft	42" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.1211	Ft	42" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.1212	Ft	42" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.1300	Ft	48" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.1301	Ft	48" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.1302	Ft	48" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.1303	Ft	48" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.1304	Ft	48" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.1305	Ft	48" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.1306	Ft	48" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.1307	Ft	48" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.1308	Ft	48" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.1309	Ft	48" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.1310	Ft	48" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.1311	Ft	48" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.1312	Ft	48" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.1400	Ft	54" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.1401	Ft	54" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.1402	Ft	54" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.1403	Ft	54" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.1404	Ft	54" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.1405	Ft	54" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.1406	Ft	54" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.1407	Ft	54" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.1408	Ft	54" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.1409	Ft	54" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.1410	Ft	54" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.1411	Ft	54" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.1412	Ft	54" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.1500	Ft	60" Sanitary Sewer Pipe 0' to 6' Deep			\$ -
950.1501	Ft	60" Sanitary Sewer Pipe 6' to 8' Deep			\$ -
950.1502	Ft	60" Sanitary Sewer Pipe 8' to 10' Deep			\$ -
950.1503	Ft	60" Sanitary Sewer Pipe 10' to 12' Deep			\$ -
950.1504	Ft	60" Sanitary Sewer Pipe 12' to 14' Deep			\$ -
950.1505	Ft	60" Sanitary Sewer Pipe 14' to 16' Deep			\$ -
950.1506	Ft	60" Sanitary Sewer Pipe 16' to 18' Deep			\$ -
950.1507	Ft	60" Sanitary Sewer Pipe 18' to 20' Deep			\$ -
950.1508	Ft	60" Sanitary Sewer Pipe 20' to 22' Deep			\$ -
950.1509	Ft	60" Sanitary Sewer Pipe 22' to 24' Deep			\$ -
950.1510	Ft	60" Sanitary Sewer Pipe 24' to 26' Deep			\$ -
950.1511	Ft	60" Sanitary Sewer Pipe 26' to 28' Deep			\$ -
950.1512	Ft	60" Sanitary Sewer Pipe 28' to 30' Deep			\$ -
950.2000	Ft	8" Sanitary Sewer Pipe Bedding Material	\$ 4.79	\$ 6.21	\$ 6.52
950.2001	Ft	10" Sanitary Sewer Pipe Bedding Material	\$ 5.99	\$ 5.04	\$ 5.29
950.2002	Ft	12" Sanitary Sewer Pipe Bedding Material	\$ 6.13	\$ 5.27	\$ 5.53
950.2003	Ft	15" Sanitary Sewer Pipe Bedding Material		\$ 7.00	\$ 7.35
950.2004	Ft	18" Sanitary Sewer Pipe Bedding Material	\$ 9.40	\$ 6.00	\$ 6.30
950.2005	Ft	21" Sanitary Sewer Pipe Bedding Material		\$ 10.27	\$ 10.78
950.2006	Ft	24" Sanitary Sewer Pipe Bedding Material	\$ 16.20	\$ 9.00	\$ 9.45
950.2007	Ft	27" Sanitary Sewer Pipe Bedding Material			\$ -
950.2008	Ft	30" Sanitary Sewer Pipe Bedding Material			\$ -
950.2009	Ft	33" Sanitary Sewer Pipe Bedding Material			\$ -
950.2010	Ft	36" Sanitary Sewer Pipe Bedding Material		\$ 15.00	\$ 15.75
950.2011	Ft	42" Sanitary Sewer Pipe Bedding Material			\$ -
950.2012	Ft	48" Sanitary Sewer Pipe Bedding Material			\$ -
950.2013	Ft	54" Sanitary Sewer Pipe Bedding Material			\$ -
950.2014	Ft	60" Sanitary Sewer Pipe Bedding Material			\$ -
950.3000	Each	6"X 4" Sewer Wye/Tap	\$ 58.00		\$ -
950.3001	Each	6"X 6" Sewer Wye/Tap			\$ -
950.3002	Each	8"X 4" Sewer Wye/Tap	\$ 125.62	\$ 303.80	\$ 318.99
950.3003	Each	8"X 6" Sewer Wye/Tap	\$ 209.24	\$ 228.36	\$ 239.78
950.3004	Each	8"X 8" Sewer Wye/Tap			\$ -
950.3005	Each	10"X 4" Sewer Wye/Tap	\$ 195.00		\$ -
950.3006	Each	10"X 6" Sewer Wye/Tap	\$ 450.00	\$ 400.00	\$ 420.00

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
950.3007	Each	10"X 8" Sewer Wye/Tap			\$ -
950.3008	Each	12"X 4" Sewer Wye/Tap			\$ -
950.3009	Each	12"X 6" Sewer Wye/Tap		\$ 253.00	\$ 265.65
950.3010	Each	12"X 8" Sewer Wye/Tap			\$ -
950.3011	Each	15"X 4" Sewer Wye/Tap			\$ -
950.3012	Each	15"X 6" Sewer Wye/Tap			\$ -
950.3013	Each	15"X 8" Sewer Wye/Tap			\$ -
950.3014	Each	18"X 4" Sewer Wye/Tap			\$ -
950.3015	Each	18"X 6" Sewer Wye/Tap			\$ -
950.3016	Each	18"X 8" Sewer Wye/Tap			\$ -
950.3017	Each	24"X 4" Sewer Wye/Tap			\$ -
950.3018	Each	24"X 6" Sewer Wye/Tap	\$ 1,805.00		\$ -
950.3019	Each	24"X 8" Sewer Wye/Tap	\$ 54.60		\$ -
950.3100	Each	4" Sewer Couplings		\$ 47.86	\$ 50.25
950.3101	Each	6" Sewer Couplings	\$ 94.33	\$ 113.31	\$ 118.98
950.3102	Each	8" Sewer Couplings	\$ 109.95	\$ 140.43	\$ 147.45
950.3103	Each	10" Sewer Couplings	\$ 226.50	\$ 204.29	\$ 214.50
950.3104	Each	12" Sewer Couplings	\$ 105.00	\$ 187.25	\$ 196.61
950.3105	Each	15" Sewer Couplings	\$ 333.65	\$ 448.00	\$ 470.40
950.3106	Each	18" Sewer Couplings		\$ 571.36	\$ 599.93
950.3107	Each	24" Sewer Couplings	\$ 919.20		\$ -
950.3108	Each	36" Sewer Couplings			\$ -
950.3109	Each	42" Sewer Couplings			\$ -
950.3110	Each	48" Sewer Couplings			\$ -
950.3111	Each	54" Sewer Couplings			\$ -
950.3112	Each	60" Sewer Couplings			\$ -
950.3200	Each	4" Sewer Caps/Plugs	\$ 19.73	\$ 67.10	\$ 70.46
950.3201	Each	6" Sewer Caps/Plugs		\$ 67.90	\$ 71.30
950.3202	Each	8" Sewer Caps/Plugs	\$ 68.88	\$ 135.71	\$ 142.50
950.3203	Each	10" Sewer Caps/Plugs		\$ 157.50	\$ 165.38
950.3204	Each	12" Sewer Caps/Plugs	\$ 106.00		\$ -
950.3205	Each	15" Sewer Caps/Plugs			\$ -
950.3206	Each	18" Sewer Caps/Plugs	\$ 337.00		\$ -
950.3207	Each	21" Sewer Caps/Plugs			\$ -
950.3208	Each	24" Sewer Caps/Plugs			\$ -
950.3209	Each	27" Sewer Caps/Plugs			\$ -
950.3210	Each	30" Sewer Caps/Plugs			\$ -
950.3211	Each	33" Sewer Caps/Plugs			\$ -
950.3212	Each	36" Sewer Caps/Plugs			\$ -
950.3213	Each	42" Sewer Caps/Plugs			\$ -
950.3214	Each	48" Sewer Caps/Plugs			\$ -
950.3215	Each	54" Sewer Caps/Plugs			\$ -
950.3216	Each	60" Sewer Caps/Plugs			\$ -
950.3300	Each	4" Sewer Bends	\$ 25.00	\$ 112.46	\$ 118.08
950.3301	Each	6" Sewer Bends	\$ 36.00	\$ 51.41	\$ 53.98
950.3302	Each	8" Sewer Bends		\$ 97.50	\$ 102.38
950.3303	Each	10" Sewer Bends		\$ 127.50	\$ 133.88
950.3304	Each	12" Sewer Bends			\$ -
950.3305	Each	15" Sewer Bends			\$ -
950.3306	Each	18" Sewer Bends			\$ -
950.3307	Each	21" Sewer Bends			\$ -
950.3308	Each	24" Sewer Bends			\$ -
950.3309	Each	27" Sewer Bends			\$ -
950.3310	Each	30" Sewer Bends			\$ -
950.3311	Each	33" Sewer Bends			\$ -
950.3312	Each	36" Sewer Bends		\$ 3,600.00	\$ 3,780.00
950.3313	Each	42" Sewer Bends			\$ -
950.3314	Each	48" Sewer Bends			\$ -
950.3315	Each	54" Sewer Bends			\$ -
950.3316	Each	60" Sewer Bends			\$ -
950.3400	Each	4" Sewer Cleanout Assembly			\$ -
950.3401	Each	6" Sewer Cleanout Assembly	\$ 513.00		\$ -
950.3402	Each	8" Sewer Cleanout Assembly		\$ 450.00	\$ 472.50
950.3403	Each	10" Sewer Cleanout Assembly			\$ -
950.4000	Each	48" Manhole 0'-6' Deep	\$ 2,740.00	\$ 2,502.43	\$ 2,627.55
950.4001	Each	48" Manhole 6'-8' Deep	\$ 3,213.92	\$ 2,736.40	\$ 2,873.22
950.4002	Each	48" Manhole 8'-10' Deep	\$ 3,702.00	\$ 2,945.30	\$ 3,092.57

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
950.4003	Each	48" Manhole 10'-12' Deep	\$ 3,559.37	\$ 3,118.92	\$ 3,274.87
950.4004	Each	48" Manhole 12'-14' Deep	\$ 6,391.54	\$ 3,625.33	\$ 3,806.60
950.4005	Each	48" Manhole 14'-16' Deep	\$ 2,842.36	\$ 5,250.00	\$ 5,512.50
950.4006	Each	48" Manhole 16'-18' Deep			\$ -
950.4007	Each	48" Manhole 18'-20' Deep	\$ 4,411.80	\$ 3,120.00	\$ 3,276.00
950.4008	Each	48" Manhole 20'-22' Deep			\$ -
950.4009	Each	48" Manhole 22'-24' Deep			\$ -
950.4010	Each	48" Manhole 24'-26' Deep			\$ -
950.4011	Each	48" Manhole 26'-28' Deep			\$ -
950.4012	Each	48" Manhole 28'-30' Deep			\$ -
950.4100	Each	48" Lined Manhole 0'-6' Deep			\$ -
950.4101	Each	48" Lined Manhole 6'-8' Deep		\$ 3,080.00	\$ 3,234.00
950.4102	Each	48" Lined Manhole 8'-10' Deep	\$ 4,895.00	\$ 4,496.67	\$ 4,721.50
950.4103	Each	48" Lined Manhole 10'-12' Deep	\$ 4,487.16	\$ 4,760.00	\$ 4,998.00
950.4104	Each	48" Lined Manhole 12'-14' Deep		\$ 10,435.53	\$ 10,957.31
950.4105	Each	48" Lined Manhole 14'-16' Deep	\$ 7,127.54		\$ -
950.4106	Each	48" Lined Manhole 16'-18' Deep		\$ 7,384.00	\$ 7,753.20
950.4107	Each	48" Lined Manhole 18'-20' Deep			\$ -
950.4108	Each	48" Lined Manhole 20'-22' Deep			\$ -
950.4109	Each	48" Lined Manhole 22'-24' Deep			\$ -
950.4110	Each	48" Lined Manhole 24'-26' Deep			\$ -
950.4111	Each	48" Lined Manhole 26'-28' Deep			\$ -
950.4112	Each	48" Lined Manhole 28'-30' Deep			\$ -
950.4200	Each	60" Lined Manhole 0'-6' Deep		\$ 14,375.00	\$ 15,093.75
950.4201	Each	60" Lined Manhole 6'-8' Deep			\$ -
950.4202	Each	60" Lined Manhole 8'-10' Deep			\$ -
950.4203	Each	60" Lined Manhole 10'-12' Deep		\$ 10,414.00	\$ 10,934.70
950.4204	Each	60" Lined Manhole 12'-14' Deep	\$ 11,880.00	\$ 9,092.50	\$ 9,547.13
950.4205	Each	60" Lined Manhole 14'-16' Deep	\$ 10,383.16	\$ 11,695.00	\$ 12,279.75
950.4206	Each	60" Lined Manhole 16'-18' Deep		\$ 19,498.00	\$ 20,472.90
950.4207	Each	60" Lined Manhole 18'-20' Deep	\$ 17,140.00		\$ -
950.4208	Each	60" Lined Manhole 20'-22' Deep			\$ -
950.4209	Each	60" Lined Manhole 22'-24' Deep	\$ 21,130.00	\$ 12,688.00	\$ 13,322.40
950.4210	Each	60" Lined Manhole 24'-26' Deep			\$ -
950.4211	Each	60" Lined Manhole 26'-28' Deep	\$ 25,390.00		\$ -
950.4212	Each	60" Lined Manhole 28'-30' Deep	\$ 25,670.00		\$ -
950.4300	Each	72" Lined Manhole 0'-6' Deep			\$ -
950.4301	Each	72" Lined Manhole 6'-8' Deep			\$ -
950.4302	Each	72" Lined Manhole 8'-10' Deep		\$ 9,975.00	\$ 10,473.75
950.4303	Each	72" Lined Manhole 10'-12' Deep			\$ -
950.4304	Each	72" Lined Manhole 12'-14' Deep			\$ -
950.4305	Each	72" Lined Manhole 14'-16' Deep			\$ -
950.4306	Each	72" Lined Manhole 16'-18' Deep			\$ -
950.4307	Each	72" Lined Manhole 18'-20' Deep			\$ -
950.4308	Each	72" Lined Manhole 20'-22' Deep			\$ -
950.4309	Each	72" Lined Manhole 22'-24' Deep		\$ 39,700.00	\$ 41,685.00
950.4310	Each	72" Lined Manhole 24'-26' Deep			\$ -
950.4311	Each	72" Lined Manhole 26'-28' Deep			\$ -
950.4312	Each	72" Lined Manhole 28'-30' Deep			\$ -
950.4400	Each	84" Lined Manhole 0'-6' Deep			\$ -
950.4401	Each	84" Lined Manhole 6'-8' Deep			\$ -
950.4402	Each	84" Lined Manhole 8'-10' Deep			\$ -
950.4403	Each	84" Lined Manhole 10'-12' Deep			\$ -
950.4404	Each	84" Lined Manhole 12'-14' Deep			\$ -
950.4405	Each	84" Lined Manhole 14'-16' Deep			\$ -
950.4406	Each	84" Lined Manhole 16'-18' Deep			\$ -
950.4407	Each	84" Lined Manhole 18'-20' Deep		\$ 52,067.50	\$ 54,670.88
950.4408	Each	84" Lined Manhole 20'-22' Deep			\$ -
950.4409	Each	84" Lined Manhole 22'-24' Deep			\$ -
950.4410	Each	84" Lined Manhole 24'-26' Deep			\$ -
950.4411	Each	84" Lined Manhole 26'-28' Deep			\$ -
950.4412	Each	84" Lined Manhole 28'-30' Deep			\$ -
950.4500	Each	96" Lined Manhole 0'-6' Deep			\$ -
950.4501	Each	96" Lined Manhole 6'-8' Deep			\$ -
950.4502	Each	96" Lined Manhole 8'-10' Deep			\$ -
950.4503	Each	96" Lined Manhole 10'-12' Deep			\$ -
950.4504	Each	96" Lined Manhole 12'-14' Deep			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
950.4505	Each	96" Lined Manhole 14'-16' Deep			\$ -
950.4506	Each	96" Lined Manhole 16'-18' Deep			\$ -
950.4507	Each	96" Lined Manhole 18'-20' Deep			\$ -
950.4508	Each	96" Lined Manhole 20'-22' Deep			\$ -
950.4509	Each	96" Lined Manhole 22'-24' Deep			\$ -
950.4510	Each	96" Lined Manhole 24'-26' Deep			\$ -
950.4511	Each	96" Lined Manhole 26'-28' Deep			\$ -
950.4512	Each	96" Lined Manhole 28'-30' Deep			\$ -
950.4600	Each	108" Lined Manhole 0'-6' Deep			\$ -
950.4601	Each	108" Lined Manhole 6'-8' Deep			\$ -
950.4602	Each	108" Lined Manhole 8'-10' Deep			\$ -
950.4603	Each	108" Lined Manhole 10'-12' Deep			\$ -
950.4604	Each	108" Lined Manhole 12'-14' Deep			\$ -
950.4605	Each	108" Lined Manhole 14'-16' Deep			\$ -
950.4606	Each	108" Lined Manhole 16'-18' Deep			\$ -
950.4607	Each	108" Lined Manhole 18'-20' Deep			\$ -
950.4608	Each	108" Lined Manhole 20'-22' Deep			\$ -
950.4609	Each	108" Lined Manhole 22'-24' Deep			\$ -
950.4610	Each	108" Lined Manhole 24'-26' Deep			\$ -
950.4611	Each	108" Lined Manhole 26'-28' Deep			\$ -
950.4612	Each	108" Lined Manhole 28'-30' Deep			\$ -
950.4700	Each	Manhole Drop Section	\$ 2,897.50	\$ 1,049.15	\$ 1,101.61
950.4800	Each	4" Boots For Manhole		\$ 100.00	\$ 105.00
950.4801	Each	6" Boots For Manhole	\$ 178.20	\$ 110.00	\$ 115.50
950.4802	Each	8" Boots For Manhole	\$ 128.76	\$ 117.75	\$ 123.64
950.4803	Each	10" Boots For Manhole	\$ 165.05	\$ 170.00	\$ 178.50
950.4804	Each	12" Boots For Manhole	\$ 163.00	\$ 166.85	\$ 175.19
950.4805	Each	15" Boots For Manhole	\$ 243.66	\$ 235.00	\$ 246.75
950.4806	Each	18" Boots For Manhole	\$ 257.00	\$ 233.86	\$ 245.55
950.4807	Each	21" Boots For Manhole	\$ 332.00	\$ 286.00	\$ 300.30
950.4808	Each	24" Boots For Manhole	\$ 323.07	\$ 320.00	\$ 336.00
950.4809	Each	27" Boots For Manhole			\$ -
950.4810	Each	30" Boots For Manhole	\$ 325.97		\$ -
950.4811	Each	33" Boots For Manhole			\$ -
950.4812	Each	36" Boots For Manhole		\$ 430.00	\$ 451.50
950.4813	Each	42" Boots For Manhole			\$ -
950.4900	Ft	4" Sewer Service Riser Pipe			\$ -
950.4901	Ft	6" Sewer Service Riser Pipe		\$ 25.23	\$ 26.49
950.4910	Each	Reconnect Sewer Service		\$ 433.15	\$ 454.81
950.4950	Ft	4" Sanitary Sewer Service	\$ 19.88	\$ 47.41	\$ 49.78
950.4951	Ft	6" Sanitary Sewer Service	\$ 20.34	\$ 20.99	\$ 22.04
950.5000	Each	Adjust Manhole	\$ 250.69	\$ 332.57	\$ 349.20
950.5010	Each	Reconstruct Manhole	\$ 1,365.04	\$ 2,946.28	\$ 3,093.59
950.5100	Each	Connection Into Existing Manhole	\$ 566.67	\$ 693.33	\$ 728.00
950.5110	Each	Manhole Restoration			\$ -
950.5120	Each	Manhole Bench and Invert Reconstruct	\$ 1,382.87	\$ 1,435.00	\$ 1,506.75
950.5125	Each	Manhole Invert Reconstruct	\$ 1,833.33		\$ -
950.5200	LS	Trench Dewatering			\$ -
950.5250	LS	Sanitary Sewer Temporary Bypass	\$ 5,500.00	\$ 648.42	\$ 680.84
950.5300	Each	Manhole Frame and Cover	\$ 432.04	\$ 485.58	\$ 509.86
950.5310	Each	Manhole Frame with Bolt Down Cover Plate	\$ 524.33	\$ 823.39	\$ 864.56
950.5320	Each	Manhole External Frame Seal	\$ 303.30	\$ 333.75	\$ 350.44
950.5401	Each	Manhole Marker-Type 1	\$ 191.16	\$ 160.10	\$ 168.11
950.5402	Each	Manhole Marker-Type 2			\$ -
950.5410	Each	Manhole Construction Plate Marker	\$ 160.14	\$ 134.28	\$ 140.99
950.5500	Ft	Sanitary Sewer Pipe Insulation	\$ 7.56	\$ 7.92	\$ 8.32
950.5510	Each	Sanitary Sewer Spot Repair	\$ 800.00	\$ 3,252.50	\$ 3,415.13
950.5600	Each	Manhole Exfiltration/Vacuum Test	\$ 412.90	\$ 186.18	\$ 195.49
950.5610	Ft	Sanitary Sewer Exfiltration Testing	\$ 1.11	\$ 0.79	\$ 0.83
950.5620	Ft	PVC Sewer Pipe Deflection Test	\$ 2.63	\$ 0.76	\$ 0.80
950.5700	Each	Locating Utility	\$ 385.41	\$ 165.39	\$ 173.66
950.5710	Each	Verify Utility	\$ 169.60	\$ 174.29	\$ 183.00
950.5720	Each	Sanitary Sewer Pipe Lining Repair			\$ -
950.5750	Ft	Sanitary Sewer Force Main Tracer Wire	\$ 0.25		\$ -
950.5451	Each	Sanitary Sewer Main Tracer Wire Terminal Box			\$ -

Bid Item Number	Unit	Item Description	2015 AWC	2016 AWC	2017 Projection - 5% increase
998.0100	LS	Railroad Protective Insurance			\$ -
999.0020	Each	Remove and Reset Neighborhood Mailbox	\$ 167.88		\$ -
999.1015	SqFt	Brick Pavers For Sidewalk			\$ -
999.1080	Ft	Orange Plastic Safety Fence	\$ 1.41		\$ -
999.5160	Each	Planter			\$ -
999.5220	Each	Tree Grate			\$ -
999.5240	Each	Reset Tree Grate			\$ -
999.5140	Each	Parking Meter Post			\$ -
999.5147	SqYd	Articulated Concrete Mattress			\$ -
999.5148	SqYd	Articulated Concrete Mattress, Install			\$ -
999.5154	CuFt	Shredded Bark Mulch			\$ -
999.5155	SqYd	2" Depth Shredded Bark Mulch			\$ -
999.5156	SqYd	3" Depth Shredded Bark Mulch	\$ 8.96		\$ -
999.5157	SqYd	4" Depth Shredded Bark Mulch			\$ -
999.5158	CuYd	Amending Existing Topsoil			\$ -
999.7003	Each	Pedestrian Bridge			\$ -
					\$ -
		<b>OLD BID ITEMS</b>			\$ -
450.4010	Each	Connect Sump Drain			\$ -
450.4011	Each	Connect to Existing Storm Sewer Junction			\$ -
450.4012	Each	Core into Existing Manhole			\$ -
					\$ -
451.5190	Each	Bore Obstruction			\$ -
999.0005	LFt	" Casing Pipe			\$ -
999.0006	LFt	" Boring			\$ -
999.0007	LFt	" Carrier Pipe			\$ -