HOWARD COUNTY - DEPARTMENT OF PLANNING AND ZONING

FY27 Engineering Unit Costs
Effective July 1, 2026

DPZ ITEM CODE	DESCRIPTION	UNIT	UNIT COST
GENERAL			
110100	Clearing & Grubbing (based on clearing wooded areas only)	AC	$7,640.87
110101	Tree Removal - Under 10" Diameter	EA	$423.19
110102	Tree Removal - 10" to 15" Diameter	EA	$528.98
110103	Tree Removal - 15" to 30" Diameter	EA	$1,057.97
110104	Tree Removal - Greater than 30" Diameter	EA	$2,480.34
110105	Transplant Street Trees	EA	$211.59
110106	Abandon Existing Well	LS	$3,056.35
110200	Removal & Disposal of Existing Buildings (specific based on size & materials)	LS	$31,739.01
110201	Engineers Office Type A	LS	$83,638.17
110202	Engineers Office Type B	LS	$52,898.35
110203	Engineers Office Type C	LS	$85,812.88
MAINTENANCE OF TRAFFIC			
110300	5" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$0.59
110301	5" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$0.59
110302	10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$0.59
110303	10" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$0.59
110304	12" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$2.35
110305	16" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$4.70
110306	24" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	$11.28
110310	4"Yellow Removable Preformed Pavement Line Markings	LF	$1.41
110311	4" White Removable Preformed Pavement Line Markings	LF	$1.76
110312	5"Yellow Removable Preformed Pavement Line Markings	LF	$1.47
110313	5" White Removable Preformed Pavement Line Markings	LF	$1.47
110314	10"Yellow Removable Preformed Pavement Line Markings	LF	$2.94
110315	10" White Removable Preformed Pavement Line Markings	LF	$2.94
110316	12" White Removable Preformed Pavement Line Markings	LF	$5.00
110317	16" White Removable Preformed Pavement Line Markings	LF	$6.23
110318	24" White Removable Preformed Pavement Line Markings	LF	$8.99
1103320	Removable Preformed Letters	EA	$82.29
1103321	Removable Preformed Symbols	EA	$323.27
1103322	Removable Preformed Arrows	EA	$273.90
1103323	Removable Preformed Numbers	EA	$273.90
1103324	Removal of Removable Preformed Letters, Symbols, Arrows and Numbers	EA	$531.33
1103325	Removal of Removable Preformed Pavement Markings - Any Width	LF	$0.59
110330	8" Removable Patterned Black Line Mask Tape for Maintenance of Traffic	LF	$3.53
110340	Maintenance of Traffic	LS	$38,792.12
110341	Bank Run Gravel Subbase for Maintenance of Traffic	TON	$34.09
110342	Graded Aggregate Subbase for Maintenance of Traffic	TON	$23.51
110343	Crusher Run Aggregate CR-6 for Maintenance of Traffic	TON	$34.09
110344	Graded Aggregate Base for Maintenance of Traffic	TON	$34.09
110345	Hot Mix Asphalt for Maintenance of Traffic	TON	$145.76
110346	Hot Mix Asphalt Curb for Maintenance of Traffic	LF	$8.23
110347	Steel Plate 8'x12'x1" max. for Maintenance of Traffic (Per Day)	EA/DY	$8.23
110350	Traffic Manager	DY	$176.33
110351	Arrow Panel	UD	$45.55
110352	Portable Flashing Arrow Panel	DY	$45.55
110353	Temporary Traffic Signs Type III Retro Reflective Sheeting	SF	$19.98
110354	Temporary Traffic Signs High Performance Wide Angle Retro reflective Sheeting	SF	$26.45
110355	Temporary Raised Pavement Markers	EA	$9.05
110356	Signs for Maintenance of Traffic (Rental)	DY	$12.93
110357	Removal of Temporary Raised Pavement Markers	EA	$2.17
110358	Traffic Cones - 28" with Retro reflective Bands (Rental)	DY	$64.65
110359	Removal of Existing Painted Stripe Markings - Any Width (Grinding)	LF	$2.00

110360	4" Temporary Pavement Striping Tape	LF	$2.00
110361	5" Temporary Pavement Striping Tape	LF	$2.70
110362	6" Temporary Pavement Striping Tape	LF	$2.70
110363	8" Temporary Pavement Striping Tape	LF	$3.53
110364	Removal of Temporary Pavement Striping Tape- Any Width	LF	$0.29
110365	Removal of Existing Pavement Markings - Any Width	EA	$28.21
110366	Remove Existing Word Markings (Each Letter)	EA	$18.81
110367	Remove Existing Stop Bars - 24"	LF	$8.23
110368	Tubular Markers	EA	$141.06
110369	Replacement of Tubular Marker Mast	EA	$82.29
110370	Cones for Maintenance of Traffic	EA	$30.56
110380	Temporary Concrete Single Face Traffic Barrier for Maintenance of Traffic	LF	$78.76
110381	Temporary Precast Concrete Traffic Barrier for Maintenance of Traffic	LF	$23.51
110382	Reset Temporary Concrete Barrier Single Face	LF	$21.16
110383	Precast Temporary Concrete Traffic Barrier Transition Left Side	EA	$5,877.59
110384	Precast Temporary Concrete Traffic Barrier Transition Right Side	EA	$5,877.59
110385	Reset Temporary Precast Concrete Traffic Barrier for Maintenance of Traffic	LF	$11.76
110386	Reflective Barrier Markers	EA	$27.04
110387	Removal of Reflective Barrier Markers	EA	$1.88
110388	Traffic Barrier W Beam for Maintenance of Traffic	LF	$73.47
110389	Wooden Barricade for Pedestrian Control	LF	$47.02
110390	Traffic Barrier W Beam Replacement for Maintenance of Traffic	LF	$58.78
110391	Reset Traffic Barrier W Beam for Maintenance of Traffic	LF	$44.08
110392	Type I Barricade for Maintenance of Traffic - 6' Length	EA	$293.88
110393	Type II Barricade for Maintenance of Traffic - 6' Length	EA	$311.51
110394	Type III Barricade for Maintenance of Traffic - 6' Length	EA	$387.92
110395	Replace Type III Barricade for Maintenance of Traffic	EA	$323.27
110400	Flagger	HR	$35.27
110401	Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	$411.43
110402	Replace Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	$453.75
110403	Vertical Panels	EA	$453.75
110404	Warning Lights	EA	$453.75
110405	Remove & Reset Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	$137.54
110406	Relocate Wood Sign Supports	EA	$47.02
110407	Sign Modifications to Overhead Sign Structures	SF	$18.81
110408	Relocate Sign	SF	$37.62
110409	Remove Sign	SF	$17.63
110410	Remove and Relocate Existing Signs	SF	$21.16
110411	Install or Remove Shield	EA	$45.85
110412	Cover Sign	SF	$3.53
110413	Relocate Sign Luminaires	EA	$47.02
110414	Remove and Salvage Existing Sign	EA	$188.08
110415	Temporary Orange Construction Fence	LF	$3.53
110416	Remove & Reset Temporary Orange Construction Fence	LF	$3.53
110417	Temporary Crash Cushion Telescoping Attenuator	EA	$25,861.42
110418	Remove and Reset Temporary Crash Cushion Telescoping Attenuator	EA	$2,821.25
110419	Temporary Crash Cushion Telescoping Attenuator Spare Parts Package	EA	$12,930.71
110420	Water Filled Barrier for Maintenance of Traffic	LF	$15.28
110421	Replacement Sections for Movable Type Concrete Barrier	EA	$1,257.81
110422	Drums for Maintenance of Traffic	EA	$88.16
110423	Replacement of Drums for Maintenance of Traffic	EA	$117.55
110424	Temporary Movable Type Concrete Traffic Barrier	LF	$24.69
110425	Portable Variable Message Sign	UD	$1,590.48
110426	Protection Vehicle w/Truck Mounted Attenuator, Variable Message Sign & Intrusion Alarm	UD	$1,146.13
110427	Truck Mounted Attenuator	UD	$264.49
110428	Protection Vehicle	UD	$225.70
110429	Removable Rumble Strips	LF	$11.76
110430	Speed Display Trailer	UD	$16.46
110445	Remove & Reset Temporary Type E Traffic Barrier End Treatment, Any Bays, Any Width	EA	$1,880.83

110450	Precast Temporary 32 inch F Shape Concrete Traffic Barrier	LF	$37.62
110451	Temporary Type E Taffic Barrier End Treatment for 25 MPH, Any Width	EA	$2,351.04
110452	Temporary Type E Taffic Barrier End Treatment for 40 MPH, Any Width	EA	$11,755.19
110453	Temporary Type E Taffic Barrier End Treatment for 50 MPH, Any Width	EA	$12,342.95
110454	Temporary Type E Taffic Barrier End Treatment for 60 MPH, Any Width	EA	$14,106.23
110455	Temporary Type E Taffic Barrier End Treatment for 65 MPH, Any Width	EA	$11,755.19
110456	Temporary Type E Taffic Barrier End Treatment for 70 MPH, Any Width	EA	$9,991.91
110457	Repair Temporary Traffic Barrier End Treatment, Any Type	EA	$9,169.05
110458	Temporary Traffic barrier End Treatment Spare Parts Package	EA	$2,468.59
110459	Precast Temporary 32 inch F Shape Concrete Traffic Barrier terminal End	EA	$4,114.32
110460	Precast Temporary 32 inch F Shape Concrete Traffic Barrier Transition Right Side Approach	EA	$6,230.25
110461	Precast Temporary 32 inch F Shape Concrete Traffic Barrier Transition Left Side Approach	EA	$5,760.04
EARTHWORK			
201000	Trim Existing Ditches	LF	$14.11
201001	Class 1 Excavation	CY	$28.21
201002	Class 1-A Excavation	CY	$62.30
201003	Class 2 Excavation	CY	$30.56
201004	Class 3 Excavation	CY	$37.62
201005	Class 5 Excavation	CY	$41.14
201006	Geosynthetic Stabilized Subgrade Using Graded Aggregate Base	CY	$67.00
201007	Unclassified Excavation	CY	$14.11
201008	Disposal of Petroleum Contaminated material	CY	$437.29
201010	Select Borrow	CY	$41.14
201011	Capping Borrow	CY	$44.67
201012	Modified Borrow	CY	$17.63
201013	Common Borrow	CY	$25.86
201014	Tamped Fill	CY	$45.85
201020	Test Pit Excavation	CY	$176.33
201030	Settlement Plates (ea)	DY	$8.23
201040	Dredging	CY	$423.19
PAVEMENT, STORM DRAIN & UTILITY REMOVAL			
210000	Removal of Existing Curb (Any Type)	LF	$8.23
210001	Removal of Existing Combination Curb & Gutter	LF	$8.23
210002	Remove Existing Asphalt Curb	LF	$1.88
210003	Sawcut - 2" Deep	LF	$4.70
210004	Sawcut - Full Depth	LF	$8.23
210005	Remove Existing Bituminous Pavement	SY	$35.27
210006	Remove Existing Sidewalk	SY	$47.02
210007	Removal of Paved Ditches	SY	$47.02
210008	Remove Existing Concrete Pavement	SY	$15.28
210009	Remove Existing Masonry	CY	$138.71
210010	Remove Existing Concrete Barrier (Any Type)	LF	$16.46
210011	Remove Existing Manhole	EA	$1,175.52
210100	Scarify Existing Asphalt Pavement	SY	$8.23
210201	Rehabilitate Stabilized Construction Entrance	TON	$31.74
210202	Class 3 Excavation for Incidental Construction	CY	$81.11
210300	Trench Backfill Using Select Borrow	CY	$36.73
210301	Trench Backfill	CY	$15.28
210302	Select Backfill Using No. 57 Aggregate	CY	$45.85
210303	Select Backfill Using Graded Aggregate Subbase	CY	$44.67
210304	Flowable Backfill for Utility Cuts	CY	$221.00
210305	Select Backfill Using Crusher Run Aggregate CR-6	CY	$44.67
210400	Removal of Existing Pipe	LF	$47.02
210401	Re-laid Old Pipe Culverts (Any Size)	LF	$52.90
210500	Mix 1 Concrete Miscellaneous Structures	CY	$587.76
210501	Mix 2 Concrete Miscellaneous Structures	CY	$740.58
210502	Brick Masonry Miscellaneous Structure	CY	$764.09
210503	Mix 3 Concrete Miscellaneous Structures	CY	$1,293.07

210504	Mix 6 Concrete Miscellaneous Structures+B1036	CY	$364.41
210505	Clean Existing Pipe - Any Size	LF	$15.28
210506	Clean Existing Inlets	EA	$399.68
210507	Clean Existing Underdrain Outlets	EA	$152.82
210508	Remove Existing Catch Basin, Manhole, Headwall	EA	$1,046.21
210509	Abandon Existing Catch Basin or Manhole	EA	$258.61
STORM DRAIN CONSTRUCTION			
302000	12" RCCP Class III	LF	$49.37
302001	15" RCCP Class III	LF	$58.78
302002	18" RCCP Class III	LF	$62.30
302003	21" RCCP Class III	LF	$74.06
302004	24" RCCP Class III	LF	$85.81
302005	27" RCCP Class III	LF	$95.22
302006	30" RCCP Class III	LF	$126.96
302007	33" RCCP Class III	LF	$144.59
302008	36" RCCP Class III	LF	$163.40
302009	42" RCCP Class III	LF	$192.79
302010	48" RCCP Class III	LF	$230.40
302011	54" RCCP Class III	LF	$257.44
302012	60" RCCP Class III	LF	$343.25
302013	66" RCCP Class III	LF	$366.76
302014	72" RCCP Class III	LF	$440.82
302015	78" RCCP Class III	LF	$514.88
302016	84" RCCP Class III	LF	$620.67
302017	90" RCCP Class III	LF	$697.08
302018	96" RCCP Class III	LF	$784.07
302100	12" RCCP Class IV	LF	$52.90
302101	15" RCCP Class IV	LF	$61.13
302102	18" RCCP Class IV	LF	$70.53
302103	21" RCCP Class IV	LF	$84.64
302104	24" RCCP Class IV	LF	$91.69
302105	27" RCCP Class IV	LF	$109.32
302106	30" RCCP Class IV	LF	$141.06
302107	33" RCCP Class IV	LF	$162.22
302108	36" RCCP Class IV	LF	$185.73
302109	42" RCCP Class IV	LF	$201.01
302110	48" RCCP Class IV	LF	$238.63
302111	54" RCCP Class IV	LF	$288.00
302112	60" RCCP Class IV	LF	$351.48
302113	66" RCCP Class IV	LF	$407.91
302114	72" RCCP Class IV	LF	$463.15
302115	78" RCCP Class IV	LF	$565.42
302116	84" RCCP Class IV	LF	$679.45
302117	90" RCCP Class IV	LF	$905.15
302118	96" RCCP Class IV	LF	$1,016.82
302300	12" RCCP Class V	LF	$54.07
302301	15" RCCP Class V	LF	$65.83
302302	18" RCCP Class V	LF	$74.06
302303	21" RCCP Class V	LF	$85.81
302304	24" RCCP Class V	LF	$101.09
302305	27" RCCP Class V	LF	$109.32
302306	30" RCCP Class V	LF	$146.94
302307	33" RCCP Class V	LF	$168.10
302308	36" RCCP Class V	LF	$186.91
302309	42" RCCP Class V	LF	$210.42
302310	48" RCCP Class V	LF	$251.56
302311	54" RCCP Class V	LF	$302.11
302312	60" RCCP Class V	LF	$366.76
302313	66" RCCP Class V	LF	$514.88
302314	72" RCCP Class V	LF	$630.08
302315	78" RCCP Class V	LF	$766.44
302316	84" RCCP Class V	LF	$905.15
302317	90" RCCP Class V	LF	$1,100.29
302318	96" RCCP Class V	LF	$1,126.15
303000	6" BCCMP - 16 gauge	LF	$32.91

303001	12" BCCMP - 16 gauge	LF	$65.83
303002	15" BCCMP - 16 gauge	LF	$77.58
303003	18" BCCMP - 16 gauge	LF	$91.69
303004	21" BCCMP - 16 gauge	LF	$109.32
303005	24" BCCMP - 16 gauge	LF	$126.96
303006	27" BCCMP - 16 gauge	LF	$146.94
303007	30" BCCMP - 16 gauge	LF	$156.34
303100	6" BCCMP - 14 gauge	LF	$37.62
303101	12" BCCMP - 14 gauge	LF	$43.49
303102	15" BCCMP - 14 gauge	LF	$47.02
303103	18" BCCMP - 14 gauge	LF	$105.80
303104	21" BCCMP - 14 gauge	LF	$124.61
303105	24" BCCMP - 14 gauge	LF	$142.24
303106	27" BCCMP - 14 gauge	LF	$156.34
303107	30" BCCMP - 14 gauge	LF	$175.15
303108	36" BCCMP - 14 gauge	LF	$215.12
303109	42" BCCMP - 14 gauge	LF	$251.56
303110	48" BCCMP - 14 gauge	LF	$284.48
303111	54" BCCMP - 14 gauge	LF	$319.74
303112	60" BCCMP - 14 gauge	LF	$358.53
304000	8" CMP Galvanized - 16 gauge	LF	$23.51
304001	10" CMP Galvanized - 16 gauge	LF	$25.86
304002	12" CMP Galvanized - 16 gauge	LF	$32.91
304003	15" CMP Galvanized - 16 gauge	LF	$38.79
304004	18" CMP Galvanized - 16 gauge	LF	$49.37
304005	21" CMP Galvanized - 16 gauge	LF	$52.90
304006	24" CMP Galvanized - 16 gauge	LF	$88.16
304100	24" CMP Galvanized - 14 gauge	LF	$62.30
304101	27" CMP Galvanized - 14 gauge	LF	$74.06
304102	30" CMP Galvanized - 14 gauge	LF	$88.16
304103	36" CMP Galvanized - 14 gauge	LF	$146.94
304104	42" CMP Galvanized - 14 gauge	LF	$175.15
304200	36" CMP Galvanized - 12 gauge	LF	$141.06
304201	48" CMP Galvanized - 12 gauge	LF	$197.49
304202	54" CMP Galvanized - 12 gauge	LF	$215.12
304300	60" CMP Galvanized - 10 gauge	LF	$302.11
304301	66" CMP Galvanized - 10 gauge	LF	$319.74
304500	72" CMP Galvanized - 8 gauge	LF	$336.20
305000	8" CMP Aluminized - 16 gauge	LF	$27.04
305001	10" CMP Aluminized - 16 gauge	LF	$35.27
305002	12" CMP Aluminized - 16 gauge	LF	$43.49
305003	15" CMP Aluminized - 16 gauge	LF	$49.37
305004	18" CMP Aluminized - 16 gauge	LF	$58.78
305005	21" CMP Aluminized - 16 gauge	LF	$64.65
305100	12" CMP Aluminized - 14 gauge	LF	$54.07
305101	15" CMP Aluminized - 14 gauge	LF	$58.78
305102	18" CMP Aluminized - 14 gauge	LF	$68.18
305103	21" CMP Aluminized - 14 gauge	LF	$74.06
305104	24" CMP Aluminized - 14 gauge	LF	$77.58
305105	27" CMP Aluminized - 14 gauge	LF	$88.16
305106	30" CMP Aluminized - 14 gauge	LF	$106.97
305200	36" CMP Aluminized - 12 gauge	LF	$123.43
305201	48" CMP Aluminized - 12 gauge	LF	$175.15
305202	54" CMP Aluminized - 12 gauge	LF	$210.42
305300	60" CMP Aluminized - 10 gauge	LF	$244.51
305301	66" CMP Aluminized - 10 gauge	LF	$272.72
305600	72" CMP Aluminized - 8 gauge	LF	$312.69

306000	12" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$58.78
306001	15" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$76.41
306002	18" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$79.94
306003	24" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$84.64
306004	30" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$126.96
306005	36" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$165.75
306307	48" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	$393.80
307000	4" PVC Schedule 40 Rigid Pipe	LF	$23.51
307001	6" PVC Schedule 40 Rigid Pipe	LF	$25.86
307002	8" PVC Schedule 40 Rigid Pipe	LF	$31.74
307003	10" PVC Schedule 40 Rigid Pipe	LF	$49.37
307004	12" PVC Schedule 40 Rigid Pipe	LF	$58.78
307100	Perforated 4" PVC Schedule 40 Rigid Pipe	LF	$29.39
307101	Perforated 6" PVC Schedule 40 Rigid Pipe	LF	$31.74
307102	Perforated 8" PVC Schedule 40 Rigid Pipe	LF	$37.62
307103	Perforated 10" PVC Schedule 40 Rigid Pipe	LF	$54.07
307104	Perforated 12" PVC Schedule 40 Rigid Pipe	LF	$64.65
308000	14"x23" Horiz. Ellipt. RCCP Class HE III	LF	$101.09
308001	19"x30" Horiz. Ellipt. RCCP Class HE III	LF	$123.43
308002	22"x34" Horiz. Ellipt. RCCP Class HE III	LF	$141.06
308003	24"x38" Horiz. Ellipt. RCCP Class HE III	LF	$159.87
308004	27"x42" Horiz. Ellipt. RCCP Class HE III	LF	$192.79
308005	29"x45" Horiz. Ellipt. RCCP Class HE III	LF	$230.40
308006	32"x49" Horiz. Ellipt. RCCP Class HE III	LF	$238.63
308007	34"x53" Horiz. Ellipt. RCCP Class HE III	LF	$255.09
308008	38"x60" Horiz. Ellipt. RCCP Class HE III	LF	$296.23
308009	43"x68" Horiz. Ellipt. RCCP Class HE III	LF	$357.36
308010	48"x76" Horiz. Ellipt. RCCP Class HE III	LF	$437.29
308011	53"x85" Horiz. Ellipt. RCCP Class HE III	LF	$460.80
308012	58"x91" Horiz. Ellipt. RCCP Class HE III	LF	$606.57
308013	63"x98" Horiz. Ellipt. RCCP Class HE III	LF	$692.38
308014	68"x106" Horiz. Ellipt. RCCP Class HE III	LF	$794.65
308015	72"x113" Horiz. Ellipt. RCCP Class HE III	LF	$979.21
308016	77"x121" Horiz. Ellipt. RCCP Class HE III	LF	$1,094.41
308017	82"x128" Horiz. Ellipt. RCCP Class HE III	LF	$1,196.68
308018	87"x136" Horiz. Ellipt. RCCP Class HE III	LF	$1,313.05
308100	14"x23" Horiz. Ellipt. RCCP Class HE IV	LF	$111.67
308101	19"x30" Horiz. Ellipt. RCCP Class HE IV	LF	$130.48
308102	22"x34" Horiz. Ellipt. RCCP Class HE IV	LF	$150.47
308103	24"x38" Horiz. Ellipt. RCCP Class HE IV	LF	$169.27
308104	27"x42" Horiz. Ellipt. RCCP Class HE IV	LF	$204.54
308105	29"x45" Horiz. Ellipt. RCCP Class HE IV	LF	$255.09
308106	32"x49" Horiz. Ellipt. RCCP Class HE IV	LF	$260.97
308107	34"x53" Horiz. Ellipt. RCCP Class HE IV	LF	$278.60
308108	38"x60" Horiz. Ellipt. RCCP Class HE IV	LF	$316.21
308109	43"x68" Horiz. Ellipt. RCCP Class HE IV	LF	$382.04
308110	48"x76" Horiz. Ellipt. RCCP Class HE IV	LF	$470.21
308111	53"x85" Horiz. Ellipt. RCCP Class HE IV	LF	$600.69
308112	58"x91" Horiz. Ellipt. RCCP Class HE IV	LF	$706.49
308113	63"x98" Horiz. Ellipt. RCCP Class HE IV	LF	$815.81
308114	68"x106" Horiz. Ellipt. RCCP Class HE IV	LF	$931.01
308115	72"x113" Horiz. Ellipt. RCCP Class HE IV	LF	$1,139.08
308116	77"x121" Horiz. Ellipt. RCCP Class HE IV	LF	$1,274.26
308117	82"x128" Horiz. Ellipt. RCCP Class HE IV	LF	$1,391.81
308118	87"x136" Horiz. Ellipt. RCCP Class HE IV	LF	$1,525.82
309000	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$106.97
309001	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$117.55
309002	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$126.96
309003	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$136.36
309004	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$146.94
309005	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$165.75
309006	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$175.15
309007	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$195.14

309008	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$253.91
309009	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$292.70
309010	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$342.08
309011	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$478.44
309012	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$517.23
309013	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	$576.00
309100	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$117.55
309101	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$126.96
309102	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$136.36
309103	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$146.94
309104	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$156.34
309105	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$165.75
309106	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$175.15
309107	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$204.54
309108	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$253.91
309109	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$302.11
309110	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$342.08
309111	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$487.84
309112	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$537.21
309113	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	$585.41
309200	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$117.55
309201	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$126.96
309202	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$136.36
309203	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$146.94
309204	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$165.75
309205	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$175.15
309206	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$185.73
309207	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$204.54
309208	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$272.72
309209	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$331.50
309210	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$351.48
309211	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$517.23
309212	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$556.02
309213	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	$634.78
309300	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$117.55
309301	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$126.96
309302	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$136.36
309303	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$156.34
309304	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$165.75
309305	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$185.73
309306	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$195.14
309307	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$215.12
309308	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$283.30
309309	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$342.08
309310	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$380.87
309311	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$526.63
309312	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$585.41
309313	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	$653.59
310000	17" x 13" CSP Pipe Arch - 16 gauge	LF	$54.07
310001	21" x 15" CSP Pipe Arch - 16 gauge	LF	$65.83
310002	24" x 18" CSP Pipe Arch - 16 gauge	LF	$82.29
310100	28" x 20" CSP Pipe Arch - 14 gauge	LF	$94.04
310101	35" x 24" CSP Pipe Arch - 14 gauge	LF	$117.55
310200	42" x 29" CSP Pipe Arch - 12 gauge	LF	$201.01
310201	49" x 33" CSP Pipe Arch - 12 gauge	LF	$218.65
310300	57" x 38" CSP Pipe Arch - 10 gauge	LF	$259.79
311000	17" x 13" CAP Pipe Arch - 16 gauge	LF	$65.83
311001	21" x 15" CAP Pipe Arch - 16 gauge	LF	$65.83
311002	24" x 18" CAP Pipe Arch - 16 gauge	LF	$82.29
311100	28" x 20" CAP Pipe Arch - 14 gauge	LF	$94.04

311101	35" x 24" CAP Pipe Arch - 14 gauge	LF	$117.55
311200	42" x 29" CAP Pipe Arch - 12 gauge	LF	$201.01
311201	49" x 33" CAP Pipe Arch - 12 gauge	LF	$218.65
311202	57" x 38" CAP Pipe Arch - 12 gauge	LF	$259.79
312000	17" x 13" CM Pipe Arch - Coated & Paved - 16 gauge	LF	$74.06
312001	21" x 15" CM Pipe Arch - Coated & Paved - 16 gauge	LF	$89.34
312100	28" x 20" CM Pipe Arch - Coated & Paved - 14 gauge	LF	$124.61
312101	35" x 24" CM Pipe Arch - Coated & Paved - 14 gauge	LF	$153.99
312200	42" x 29" CM Pipe Arch - Coated & Paved - 12 gauge	LF	$248.03
312201	49" x 33" CM Pipe Arch - Coated & Paved - 12 gauge	LF	$283.30
312202	57" x 38" CM Pipe Arch - Coated & Paved - 12 gauge	LF	$330.32
313000	17" x 13" ALCM Pipe Arch - Coated & Paved - 16 gauge	LF	$74.06
313001	21" x 15" ALCM Pipe Arch - Coated & Paved - 16 gauge	LF	$89.34
313100	28" x 20" ALCM Pipe Arch - Coated & Paved - 14 gauge	LF	$124.61
313101	35" x 24" ALCM Pipe Arch - Coated & Paved - 14 gauge	LF	$153.99
313200	42" x 29" ALCM Pipe Arch - Coated & Paved - 12 gauge	LF	$248.03
313201	49" x 33" ALCM Pipe Arch - Coated & Paved - 12 gauge	LF	$283.30
313202	57" x 38" ALCM Pipe Arch - Coated & Paved - 12 gauge	LF	$330.32
314000	8" BCMP Galvanized - 16 gauge	LF	$29.39
314001	10" BCMP Galvanized - 16 gauge	LF	$37.62
314002	12" BCMP Galvanized - 16 gauge	LF	$47.02
314003	15" BCMP Galvanized - 16 gauge	LF	$56.42
314004	18" BCMP Galvanized - 16 gauge	LF	$65.83
314100	24" BCMP Galvanized - 14 gauge	LF	$103.45
314101	30" BCMP Galvanized - 14 gauge	LF	$124.61
314200	36" BCMP Galvanized - 12 gauge	LF	$195.14
314201	48" BCMP Galvanized - 12 gauge	LF	$253.91
314300	60" BCMP Galvanized - 10 gauge	LF	$376.17
314400	72" BCMP Galvanized - 8 gauge	LF	$588.93
315000	8" BCMP Aluminized - 16 gauge	LF	$29.39
315001	10" BCMP Aluminized - 16 gauge	LF	$37.62
315002	12" BCMP Aluminized - 16 gauge	LF	$47.02
315003	15" BCMP Aluminized - 16 gauge	LF	$56.42
315004	18" BCMP Aluminized - 16 gauge	LF	$65.83
315100	24" BCMP Aluminized - 14 gauge	LF	$103.45
315101	30" BCMP Aluminized - 14 gauge	LF	$124.61
315200	36" BCMP Aluminized - 12 gauge	LF	$195.14
315201	48" BCMP Aluminized - 12 gauge	LF	$253.91
315300	60" BCMP Aluminized - 10 gauge	LF	$376.17
315400	72" BCMP Aluminized - 8 gauge	LF	$588.93
320000	Standard A Headwall - 12" Pipe	EA	$1,998.38
320001	Standard A Headwall - 15" Pipe	EA	$2,468.59
320002	Standard A Headwall - 18" Pipe	EA	$2,703.69
320003	Standard A Headwall - 21" Pipe	EA	$2,938.80
320004	Standard A Headwall - 24" Pipe	EA	$3,173.90
320005	Standard A Headwall - 27" Pipe	EA	$3,291.45
320006	Standard A headwall - 30" Pipe	EA	$4,702.08
320007	Standard A headwall - 33" Pipe	EA	$6,112.70
320008	Standard A Headwall - 36" Pipe	EA	$5,054.73
320009	Standard A Headwall - 42" Pipe	EA	$6,230.25
320010	Standard A Headwall - 48" Pipe	EA	$8,228.63

320011	Standard A Headwall - 54" Pipe	EA	$10,579.67
320012	Standard A Headwall - 60" Pipe	EA	$12,930.71
320013	Standard A Headwall - 66" Pipe	EA	$14,811.54
320014	Standard A Headwall - 72" Pipe	EA	$17,985.44
321000	Standard C Endwall - 12" Pipe	EA	$881.64
321001	Standard C Endwall - 15" Pipe	EA	$2,233.49
321002	Standard C Endwall - 18" Pipe	EA	$2,468.59
321003	Standard C Endwall - 21" Pipe	EA	$2,821.25
321004	Standard C Endwall - 24" Pipe	EA	$3,173.90
321005	Standard C Endwall - 27" Pipe	EA	$3,937.99
321006	Standard C Endwall - 30" Pipe	EA	$4,702.08
321007	Standard C Endwall - 33" Pipe	EA	$5,995.15
321008	Standard C Endwall - 36" Pipe	EA	$7,288.22
321009	Standard C Endwall - 42" Pipe	EA	$8,228.63
321010	Standard C Endwall - 48" Pipe	EA	$9,169.05
321011	Standard C Endwall - 54" Pipe	EA	$12,519.28
321012	Standard C Endwall - 60" Pipe	EA	$14,458.88
323000	Standard E Headwall - 12" Pipe	EA	$1,410.62
323001	Standard E Headwall - 15" Pipe	EA	$1,528.17
323002	Standard E Headwall - 18" Pipe	EA	$1,998.38
323003	Standard E Headwall - 21" Pipe	EA	$2,586.14
323004	Standard E Headwall - 24" Pipe	EA	$2,938.80
323005	Standard E Headwall - 27" Pipe	EA	$3,761.66
323006	Standard E Headwall - 30" Pipe	EA	$4,349.42
323007	Standard E Headwall - 33" Pipe	EA	$6,465.35
323008	Standard E Headwall - 36" Pipe	EA	$8,228.63
323009	Standard E Headwall - 42" Pipe	EA	$10,109.46
323010	Standard E Headwall - 48" Pipe	EA	$12,107.85
323011	Standard E Headwall - 54" Pipe	EA	$14,811.54
323012	Standard E Headwall - 60" Pipe	EA	$17,397.68
324000	Standard E Headwall - 13" x 11" CMPA	EA	$1,152.01
324001	Standard E Headwall - 17" x 13" CMPA	EA	$1,175.52
324002	Standard E Headwall - 21" x 15" CMPA	EA	$2,115.93
324003	Standard E Headwall - 24" x 18" CMPA	EA	$2,351.04
324004	Standard E Headwall - 28" x 20" CMPA	EA	$2,586.14
324005	Standard E Headwall - 35" x 24" CMPA	EA	$3,879.21
324006	Standard E Headwall - 42" x 29" CMPA	EA	$4,114.32
324007	Standard E Headwall - 49" x 33" CMPA	EA	$9,169.05
324008	Standard E Headwall - 57" x 38" CMPA	EA	$9,404.15
324009	Standard E Headwall - 64" x 43" CMPA	EA	$12,930.71
324010	Standard E Headwall - 71" x 47" CMPA	EA	$13,048.26
325000	Standard O Headwall - 18" Pipe	EA	$1,528.17
325001	Standard O Headwall - 21" Pipe	EA	$1,963.12
325002	Standard O Headwall - 24" Pipe	EA	$2,351.04
325003	Standard O Headwall - 27" Pipe	EA	$2,586.14
325004	Standard O Headwall - 30" Pipe	EA	$2,938.80
325005	Standard O Headwall - 36" Pipe	EA	$4,349.42
325006	Standard O Headwall - 42" Pipe	EA	$5,407.39
325007	Standard O Headwall - 48" Pipe	EA	$6,818.01
325008	Standard O Headwall - 54" Pipe	EA	$7,993.53
325009	Standard O Headwall - 60" Pipe	EA	$9,756.81
325010	Standard O Headwall - 66" Pipe	EA	$11,284.98
325011	Standard O Headwall - 72" Pipe	EA	$13,283.36
326000	Standard O Headwall - 14" x 23" HERCCP	EA	$1,410.62
326001	Standard O Headwall - 19" x 30" HERCCP	EA	$1,998.38
326002	Standard O Headwall - 22" x 34" HERCCP	EA	$2,351.04
326003	Standard O Headwall - 24" x 38" HERCCP	EA	$2,703.69
326004	Standard O headwall - 27" x 42" HERCCP	EA	$3,173.90
326005	Standard O Headwall - 29" x 45" HERCCP	EA	$3,526.56
326006	Standard O Headwall - 34" x 53" HERCCP	EA	$4,466.97
326007	Standard O Headwall - 38" x 60" HERCCP	EA	$5,407.39
326008	Standard O Headwall - 43" x 68" HERCCP	EA	$6,818.01
330000	12" HDPE End Section	EA	$587.76

330001	15" HDPE End Section	EA	$693.56
330002	18" HDPE End Section	EA	$787.60
330003	24" HDPE End Section	EA	$916.90
330004	30" HDPE End Section	EA	$1,504.66
330005	36" HDPE End Section	EA	$2,080.67
330006	39" HDPE End Section	EA	$2,468.59
340000	Concrete End Section 12" RCCP	EA	$717.07
340001	Concrete End Section 15" RCCP	EA	$822.86
340002	Concrete End Section 18" RCCP	EA	$1,140.25
340003	Concrete End Section 21" RCCP	EA	$1,257.81
340004	Concrete End Section 24" RCCP	EA	$1,410.62
340005	Concrete End Section 27" RCCP	EA	$1,763.28
340006	Concrete End Section 30" RCCP	EA	$2,115.93
340007	Concrete End Section 33" RCCP	EA	$2,468.59
340008	Concrete End Section 36" RCCP	EA	$2,821.25
340009	Concrete End Section 42" RCCP	EA	$2,586.14
340010	Concrete End Section 48" RCCP	EA	$3,291.45
340011	Concrete End Section 54" RCCP	EA	$3,761.66
340012	Concrete End Section 60" RCCP	EA	$4,466.97
340013	Concrete End Section 66" RCCP	EA	$5,407.39
340014	Concrete End Section 72" RCCP	EA	$6,230.25
341000	Concrete End Section - 14" x 23" HERCCP	EA	$681.80
341001	Concrete End Section - 19" x 30" HERCCP	EA	$881.64
341002	Concrete End Section - 22" x 34" HERCCP	EA	$975.68
341003	Concrete End Section - 24" x 38" HERCCP	EA	$1,069.72
341004	Concrete End Section - 27" x 42" HERCCP	EA	$1,645.73
341005	Concrete End Section - 29" x 45" HERCCP	EA	$2,351.04
341006	Concrete End Section - 32" x 49" HERCCP	EA	$2,586.14
341007	Concrete End Section - 34" x 53" HERCCP	EA	$2,703.69
341008	Concrete End Section - 38" x 60" HERCCP	EA	$3,291.45
341009	Concrete End Section - 43" x 68" HERCCP	EA	$4,114.32
341010	Concrete End Section - 48" x 76" HERCCP	EA	$4,937.18
350000	End Section 12" CMP	EA	$564.25
350001	End Section 15" CMP	EA	$728.82
350002	End Section 18" CMP	EA	$787.60
350003	End Section 21" CMP	EA	$846.37
350004	End Section 24" CMP	EA	$928.66
350005	End Section 27" CMP	EA	$1,069.72
350006	End Section 30" CMP	EA	$1,222.54
350007	End Section 33" CMP	EA	$1,445.89
350008	End Section 36" CMP	EA	$2,115.93
350009	End Section 42" CMP	EA	$2,586.14
350010	End Section 48" CMP	EA	$3,173.90
350011	End Section 54" CMP	EA	$3,879.21
350012	End Section 60" CMP	EA	$4,466.97
350013	End Section 66" CMP	EA	$4,702.08
350014	End Section 72" CMP	EA	$4,937.18
350015	End Section 78" CMP	EA	$6,230.25
350016	End Section 84" CMP	EA	$7,405.77
351000	End Section 17" x 13" CMPA	EA	$293.88
351001	End Section 21" x 15" CMPA	EA	$387.92
351002	End Section 24" x 18" CMPA	EA	$478.44
351003	End Section 28" x 20" CMPA	EA	$634.78
351004	End Section 35" x 24" CMPA	EA	$787.60
351005	End Section 42" x 29" CMPA	EA	$1,022.70
351006	End Section 49" x 33" CMPA	EA	$1,222.54
351007	End Section 57" x 38" CMPA	EA	$1,363.60
351008	End Section 64" x 43" CMPA	EA	$1,410.62
351009	End Section 71" x 47" CMPA	EA	$1,610.46
351010	End Section 77" x 52" CMPA	EA	$1,704.50
351011	End Section 83" x 57" CMPA	EA	$1,857.32
360004	Precast Single WR Inlet	EA	$3,291.45
360005	Precast Single WR Inlet - Vertical Depth Exceeds 4 ft.	VF	$481.96
360008	Precast NR Inlet	EA	$3,409.00

360009	Precast NR Inlet - Vertical Depth Exceeds 4 ft.	VF	$305.63
360010	Standard WRM Inlet	EA	$7,288.22
360011	Standard WRM Inlet - Vertical Depth Exceeds 4 ft.	VF	$387.92
361000	Standard 5' COG Inlet	EA	$5,042.98
361001	Standard 5' COG - Vertical Depth Exceeds 6 ft.	VF	$440.82
361002	Standard 10' COG Inlet	EA	$7,405.77
361003	Standard 10' COG - Vertical Depth Exceeds 6 ft.	VF	$440.82
361004	Standard 15' COG Inlet	EA	$10,109.46
361005	Standard 15' COG - Vertical Depth Exceeds 6 ft.	VF	$440.82
361006	Standard 20' COG Inlet	EA	$11,696.41
361007	Standard 20' COG - Vertical Depth Exceeds 6 ft.	VF	$440.82
362000	Standard 5' COS Inlet	EA	$4,408.20
362001	Standard 5' COS - Vertical Depth Exceeds 6 ft.	VF	$429.06
362002	Standard 10' COS Inlet	EA	$6,665.19
362003	Standard 10' COS - Vertical Depth Exceeds 6 ft.	VF	$429.06
362004	Standard 15' COS Inlet	EA	$6,818.01
362005	Standard 15' COS - Vertical Depth Exceeds 6 ft.	VF	$429.06
362006	Standard 20' COS Inlet	EA	$13,295.12
362007	Standard 20' COS - Vertical Depth Exceeds 6 ft.	VF	$429.06
363000	Precast Standard A-5 Inlet (Vertical Depth Exceeds 6 ft.)	VF	$201.01
363001	Precast Standard A-5 Inlet	EA	$4,055.54
363002	Precast Standard A-10 Inlet (Vertical Depth Exceeds 6 ft.)	VF	$411.43
363003	Precast Standard A-10 Inlet	EA	$4,584.52
364000	Precast Type "D" Inlet with Beehive Grate	EA	$2,703.69
364004	Precast Type "D" Inlet	EA	$2,233.49
364005	Type "E" Inlet	EA	$5,524.94
364006	Type "E" Inlet - Vertical Depth Exceeds 4 ft.	VF	$587.76
364007	Type "E" Combination Inlet	EA	$5,407.39
364008	Type "E" Combination Inlet - Vertical Depth Exceeds 4 ft.	VF	$382.04
364013	Type "S" Combination Inlet	EA	$3,879.21
364014	Type "S" Combination Inlet - Vertical Depth Exceeds 6 ft.	VF	$188.08
364015	Type Single - "S"	EA	$3,879.21
364016	Type Single "S" - Vertical Depth Exceeds 4 ft.	VF	$235.10
364017	Type Double - "S"	EA	$5,289.84
364018	Type Double "S" - Vertical Depth Exceeds 4 ft.	VF	$481.96
364019	Double Type "S" Combination Inlet (Parallel to Curb)	EA	$6,147.96
364020	Double Type "S" Combination Inlet (Normal to Curb)	EA	$6,147.96
364021	Double Type "S" Combination - Vertical Depth Exceeds 4 ft.	VF	$775.84
364022	Yard Inlet	EA	$2,750.71
364023	Yard Inlet - Vertical Depth Exceeds 4 ft.	VF	$528.98
364024	Precast Open End Grate	EA	$2,445.08
364025	Type Double WR Inlet	EA	$5,289.84
364027	Flow Through Inlet	EA	$5,877.59
364029	Inlet Depression	EA	$587.76
365000	Adjust Existing Inlet	EA	$752.33
365001	Convert Existing Inlet to Manhole	EA	$2,351.04
370000	Field Connection - 15" to 27"	EA	$634.78
370001	Field Connection - 15" to 30"	EA	$681.80
370002	Field Connection - 15" to 33"	EA	$728.82
370003	Field Connection - 15" to 36"	EA	$775.84
370004	Field Connection - 15" to 42"	EA	$881.64
370005	Field Connection - 15" to 48"	EA	$975.68
370006	Field Connection - 15" to 54"	EA	$1,069.72
370007	Field Connection - 15" to 60"	EA	$1,175.52
370008	Field Connection - 18" to 60"	EA	$1,269.56
370009	Field Connection - 24" to 60"	EA	$1,363.60
370010	Field Connection - 27" to 60"	EA	$1,469.40
370011	Field Connection - 30" to 48"	EA	$1,469.40
370012	Field Connection - 30" to 60"	EA	$1,469.40
371000	HDPE Pipe Connection to RCCP - Private	EA	$1,000.00
380005	Type C-Manhole (Precast) - 4' Diameter (12" - 24" Pipes)	EA	$4,819.63

380006	Type C-Manhole (Precast) - 4' Diameter - Vertical Depth Exceeds 8'	VF	$235.10
380007	Type C-Manhole (Precast) - 5' Diameter (27" - 36" Pipes)	EA	$6,935.56
380008	Type C-Manhole (Precast) - 5' Diameter - Vertical Depth Exceeds 8'	VF	$528.98
380009	Type C-Manhole (Precast) - 6' Diameter (42" - 48" Pipes)	EA	$9,756.81
380010	Type C-Manhole (Precast) - 6' Diameter - Vertical Depth Exceeds 8'	VF	$352.66
380011	Type C-Manhole (Precast) - 7' Diameter (54" - 60" Pipes)	EA	$15,105.42
380012	Type C-Manhole (Precast) - 7' Diameter - Vertical Depth Exceeds 8'	VF	$940.42
380013	Type C-Manhole (Precast) - 8' Diameter (72" - 84" Pipes)	EA	$17,397.68
380014	Type C-Manhole (Precast) - 8' Diameter - Vertical Depth Exceeds 8'	VF	$822.86
380015	Type C-Manhole (Precast) - 10' Diameter (90" - 96" Pipes)	EA	$26,096.52
380016	Type C-Manhole (Precast) - 10' Diameter - Vertical Depth Exceeds 8'	VF	$952.17
380017	Type C-Manhole (Precast Shallow) - 4' Diameter	EA	$5,207.55
380018	Type C-Manhole (Precast Shallow) - 5' Diameter	EA	$6,230.25
380019	Manhole Cover	EA	$1,175.52
380020	Manhole Steps	EA	$29.39
390000	Subgrade Trench Drains	LF	$14.11
391000	4" Perforated Circular Pipe Underdrain	LF	$11.76
391001	6" Perforated Circular Pipe Longitudinal Underdrain	LF	$18.81
391002	6" Perforated Circular Pipe Underdrain	LF	$21.16
391003	8" Perforated Circular Pipe Underdrain	LF	$24.69
391004	4" Circular Pipe Underdrain Outlets	LF	$11.76
391005	6" Circular Pipe Underdrain Outlets	LF	$32.91
391006	8" Circular Pipe Underdrain Outlets	LF	$56.42
391007	Aggregate Backfill for Underdrains	CY	$58.78
391008	Geotextile for Underdrains	SY	$9.40
392000	4" PVC Pipe Schedule 80	LF	$24.69
392001	6" PVC Pipe Schedule 80	LF	$49.37
392002	4" Perforated PVC Pipe Schedule 80	LF	$29.39
392003	6" Perforated PVC Pipe Schedule 80	LF	$88.16
SEDIMENT & EROSION CONTROL			
393000	Temporary Slope Drain - 12" Pipe	LF	$28.21
393001	Temporary Slope Drain - 18" Pipe	LF	$35.27
393002	Temporary Slope Drain - 24" Pipe	LF	$62.30
393003	Temporary Slope Drain - 30" Pipe	LF	$88.16
393004	Remove & Reset Temporary Slope Drain - 12" Pipe	LF	$17.63
393005	Remove & Reset Temporary Slope Drain - 18" Pipe	LF	$15.28
393006	Remove & Reset Temporary Slope Drain - 24" Pipe	LF	$11.76
393007	Remove & Reset Temporary Slope Drain - 30" Pipe	LF	$9.40
393008	Erosion & Sediment Control Original Excavation	CY	$31.74
393009	Erosion & Sediment Control Cleanout Excavation	CY	$32.91
393010	Earth Dike	LF	$8.23
393011	Perimeter Dike/Swale	LF	$8.23
393012	Inlet Protection	EA	$235.10
393013	Diversion Dike	LF	$8.23
393014	Straw Bales	LF	$11.76
393015	Placed Rip-Rap for Sediment Control	TON	$61.13
STORM DRAIN OUTFALL STABILIZATION			
400000	Gabions - 6' x 3' x 1' Basket (Stone, Basket, Filter Cloth)	EA	$270.37
400001	Gabions - 6' x 3' x 1.5' Basket (Stone, Basket, Filter Cloth)	EA	$364.41
400002	Gabions - 6' x 3' x 3' Basket (Stone, Basket, Filter Cloth)	EA	$552.49
400003	Gabions - 9' x 3' x 3' Basket (Stone, Basket, Filter Cloth)	EA	$705.31
400004	Gabions - 9' x 6' x .75' Basket (Stone, Basket, Filter Cloth)	EA	$552.49
400005	Gabions - 12' x 3' x 1' Basket (Stone, Basket, Filter Cloth)	EA	$470.21
400006	Gabions - 12' x 3' x 3' Basket (Stone, Basket, Filter Cloth)	EA	$1,034.46
400007	Gabions - 12' x 6' x .75' Basket (Stone, Basket, Filter Cloth)	EA	$693.56
400100	MSHA Class 0 Ungrouted Rip-rap	SY	$70.53
400101	MSHA Class 1 Ungrouted Rip-rap	SY	$105.80
400102	MSHA Class 2 Ungrouted Rip-rap	SY	$117.55
400103	MSHA Class 3 Ungrouted Rip-rap	SY	$141.06
400200	No. 2 Stone (3/4" - 1-1/2")	CY	$47.02
400300	Geotextile Class "C" - Filter Cloth or Blanket	SY	$10.58

400301	Geotextile Class "F" - Slope Silt Fence	LF	$1.76
400302	Geotextile Class "F" - Channel Silt Fence	LF	$2.35
400303	Remove & Reset Geotextile Class "F" Silt Fence	LF	$1.76
400304	Super Silt Fence	LF	$11.76
400305	Orange Safety Fence	LF	$4.70
400306	Stabilized Construction Entrance	EA	$352.66
400307	Remove & Reset Super Silt Fence	LF	$8.23
RETAINING & NOISE WALLS			
450000	Concrete Retaining Wall - 6' high, 33 deg. surcharge	LF	$611.27
450001	Concrete Retaining Wall - 8' high, 33 deg. surcharge	LF	$764.09
450002	Concrete Retaining Wall - 10' high, 33 deg. surcharge	LF	$916.90
450003	Concrete Retaining Wall - 20' high, 500 lbs. per LF surcharge	LF	$2,468.59
450100	CMU Retaining Wall (6" Thick - Reinforced, Excluding Footing)	SF	$10.58
450101	CMU Retaining Wall (8" Thick - Reinforced, Excluding Footing)	SF	$11.76
450102	CMU Retaining Wall (10" Thick - Reinforced, Excluding Footing)	SF	$15.28
450103	CMU Retaining Wall (12" Thick - Reinforced, Excluding Footing)	SF	$16.46
450200	Timber Retaining Wall - 3' high	LF	$68.18
450300	GeoGrid Block Retaining Walls (Excluding Footing)	SF	$30.56
450400	Noise Barrier System Height Up To 24'	SF	$21.16
450401	Wooden Noise Wall Height Up To 8'	SF	$18.81
STREET CONSTRUCTION & PAVEMENT MARKINGS			
500000	Gravel Base Course Graded Aggregate (GAB)	IN/SY	$4.70
500001	CR-6 Base Course	IN/SY	$1.76
500002	2" Sawcut	LF	$4.70
500003	Full Depth Sawcut	LF	$7.05
500004	Mill Existing Asphalt - 0" to 2" Deep	SY	$11.76
500005	Rubberized Crack Sealer	GAL	$42.32
500006	HMA SuperPave Final Surface	IN/SY	$8.23
500007	HMA SuperPave Intermediate	IN/SY	$7.05
500008	HMA SuperPave Base	IN/SY	$5.88
500009	Chip Seal Double Surface Treatment	IN/SY	$3.53
500100	P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$64.07
500101	P-2 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$72.29
500102	P-3 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$41.73
500103	P-4 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$115.20
500104	P-5 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$117.55
500105	P-6 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$132.83
500106	P-7 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$91.98
500107	P-8 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	$69.36
500200	P-1 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$57.01
500201	P-2 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$53.49
500202	P-3 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$65.24
500203	P-4 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$86.99
500204	P-5 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$89.34
500205	P-6 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$99.92
500206	P-7 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$82.58
500207	P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	$62.30
500300	P-1 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$47.61
500301	P-2 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$48.78
500302	P-3 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$51.14
500303	P-4 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$67.00
500304	P-5 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$84.64
500305	P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$90.51
500306	P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$75.53
500307	P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	$50.55
500400	P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$51.72
500401	P-2 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$62.30
500402	P-3 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$74.06
500403	P-4 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$94.04

500404	P-5 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$109.32
500405	P-6 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$118.14
500406	P-8 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	$61.13
500500	P-1 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$48.78
500501	P-2 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$53.49
500502	P-3 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$65.24
500503	P-4 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$88.16
500504	P-5 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$97.57
500505	P-6 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$106.38
500506	P-8 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	$57.01
500600	P-1 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$45.85
500601	P-2 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$53.49
500602	P-3 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$59.36
500603	P-4 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$76.41
500604	P-5 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$91.69
500605	P-6 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$97.57
500606	P-8 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	$57.01
500700	Concrete Pavement	IN/SY	$11.76
501000	HMA - Bituminous Curb	LF	$7.05
501001	Standard Barrier Curb	LF	$37.62
501002	Concrete Curb & Gutter Transition	LF	$52.90
501003	Concrete Curb & Gutter	LF	$30.56
501004	Modified Curb & Gutter	LF	$30.56
501005	Precast Concrete Wheel Stops - Fixed	EA	$70.53
501006	Monolithic Concrete Median	SF	$94.04
502000	Concrete Sidewalk - 4" Thick	SY	$70.53
502001	Monolithic Concrete Curb & Sidewalk	SY	$98.74
502002	Brick Pavers	SF	$38.79
502003	Macadam Path or Sidewalk	IN/SY	$11.76
502004	Concrete Flush Curb	LF	$18.81
502100	Sidewalk Ramp Type "A"	EA	$881.64
502101	Sidewalk Ramp Type "B"	EA	$1,410.62
502102	Sidewalk Ramp Type "C"	EA	$881.64
502103	Sidewalk Ramp Type "B" Dual Ramp	EA	$2,351.04
502104	Warning Surface, Detachable 2' x 5'	EA	$176.33
502200	Residential Driveway w/Sidewalk Setback from Curb	EA	$1,410.62
502201	Residential Driveway w/Sidewalk Adjacent to Curb	EA	$1,410.62
502202	Residential Driveway w/Modified Curb	EA	$1,410.62
502203	Residential Driveway w/Bit. Curb & Sidewalk	EA	$940.42
502204	Residential Driveway w/o Sidewalk	EA	$940.42
502205	Residential Driveway, Open Section Road	EA	$499.60
502206	Commercial Driveway on Closed Section Road	EA	$6,700.46
502207	Commercial Driveway on Open Section Road	EA	$6,700.46
502208	Commercial Driveway - High Volume	EA	$6,700.46
502209	Commercial Driveway, Concrete Apron	EA	$6,700.46
503000	Guard Rail W Beam	LF	$41.14
503001	Dead End Type "A" Barricade	LF	$47.02
503002	Dead End Type "C" Barricade	LF	$61.13
503003	Guard Rail w/Beam Anchor	LF	$34.09
503004	Type 1 - End Flare	EA	$940.42
503005	Type 2 - End Flare	EA	$1,057.97
503006	Guard Rail Remove & Reset	LF	$25.86
503007	Guard Rail Removal and Disposal	LF	$10.58
503008	Dead End Type "B" Barricade	LF	$54.07
504000	Chain Link Fence - 6'	LF	$30.56
504001	Chain Link Fence - 8'	LF	$38.79
504002	Terminal Post 6' Chain Link fence	EA	$18.81
504003	Terminal Post 8' Chain Link Fence	EA	$28.21
504004	Gate - 6' for 6' Chain Link Fence+	EA	$213.94
504005	Gate - 12' for 6' Chain Link Fence	EA	$423.19

504006	Gate - 12' for 8' Chain Link Fence	EA	$493.72
504007	Chain Link Fence Remove & Reset	LF	$18.81
504008	Chain Link Fence Removal and Disposal	LF	$3.53
504009	Wood Stock Fence	LF	$24.69
504010	Wood Fence Removal and Disposal	LF	$3.53
FINE GRADING AND LANDSCAPING			
505000	Placing Salvaged Topsoil (2" depth)	SY	$3.53
505001	Top Soil - Furnished & Placed (2" depth)	SY	$4.70
505002	Temporary Seeding & Mulching	SY	$0.47
505003	Straw Mulching	SY	$0.29
505004	Solid Sodding	SY	$7.05
505005	Seeding	SY	$1.18
505006	Seeding & Mulching	SY	$4.70
505007	Soil Stabilization Matting (Miramat, Curlex, etc.)	SY	$7.05
506000	Selective Tree Trimming	EA	$188.08
506001	Street Trees	EA	$576.00
506002	Furnish & Plant Acer Rubrum (Red Maple) - 2" C BB	EA	$293.88
506003	Furnish & Plant Crataegus (Flowering Hawthorne) - 2" C BB	EA	$293.88
506004	Furnish & Plant Gleditsia Triacanthos Inermis (Thorny Honey Locust) - 2" C BB	EA	$293.88
506005	Furnish & Plant Quercus Palustris (Pin Oak) - 2" C BB	EA	$293.88
SIGNAGE			
750000	Install New Signs Supplied by County	SF	$41.14
750001	Stop signs	EA	$587.76
750002	Street Signs	EA	$587.76
RAILROAD TRACK INSTALLATION			
760000	Railroad Ties	LF	$47.02
760001	Railroad Track Installation	LF	$161.05
UTILITY ADJUSTMENTS & HANDRAILS			
770000	Adjust Existing Utility Appurtenances to Finished Grade - LT 12" Circ.	EA	$199.84
770001	Adjust Existing Utility Appurtenances to Finished Grade - 12" to 29" Circ.	EA	$329.15
770002	Adjust Existing Utility Appurtenances to Finished Grade - GT 29" Circ.	EA	$411.43
770003	Galvanized Handrails (3 rails)	LF	$57.60
770004	Wood Handrails (3 rails)	LF	$38.79
STORMWATER MANAGEMENT FACILITIES			
800000	Corrugated Metal Riser Structure	EA	$5,760.04
800001	Corrugated Metal Trash Rack for CM Riser	EA	$3,409.00
800002	Corrugated Metal Anti-Seep Collar	EA	$1,152.01
800100	Reinforced Concrete Riser Structure	CY	$1,293.07
800101	A-2 Concrete Cradle	CY	$1,293.07
800102	Reinforced Concrete Anti-Seep Collar	CY	$1,293.07
800103	Sand Filter Diaphragm	CY	$52.90
800104	Reinforced Concrete	CY	$1,293.07
800200	Rock Vane	EA	$8,463.74
800201	Log Vane	EA	$3,173.90
800202	Flush Cut	EA	$1,410.62
800203	Root Wad Revetment	EA	$3,644.11
800204	Rock J-Hook Vane	EA	$9,286.60
800205	Rock Cross Vane	EA	$10,344.57
800206	Boulder Bank Stabilization	LF	$152.82
800207	Live Stakes	EA	$5.88
800208	Live Branch Layering	LF	$23.51
800209	Coir Fiber Erosion Control Matting	SY	$9.40
800210	Stream Diversion and Dewatering	LS	$76,408.73
800300	Sand (washed) for Bioretention	CY	$47.02
800301	Pea Gravel (washed) for Bioretention	CY	$47.02
800302	Planting Soil for Bioretention	CY	$38.79
800303	Mulch for Bioretention	CY	$42.32
800304	Trees for Bioretention	EA	$458.45
800305	Shrubs for Bioretention	EA	$235.10
800306	Grasses for Bioretention	SY	$2.35

800400	F-6 Bioretention	SF	$54.07
800401	M-1 Rainwater Harvesting	EA	$7,640.87
800402	M-2 Submerged Gravel Wetlands	EA	$7,640.87
800403	M-3 Landscape Infiltration	LF	$305.63
800404	M-4 Infiltration Berm	LF	$152.82
800405	M-5 Dry Wells (complete)	EA	$7,640.87
800406	M-6 Micro-Bioretention (complete)	EA	$7,640.87
800407	M-7 Rain Gardens (complete)	EA	$7,640.87
800408	M-8 Swales	LF	$152.82
800409	M-9 Enhanced Filters	EA	$7,640.87
800410	A-1 Green Roofs	LS	
800411	A-2 Permeable Concrete (complete)	SY	$117.55
800412	A-3 Reinforced Turf	SY	$76.41
800413	Lowrise SWM Control Structure	CY	$1,293.07
800414	A-2 Permeable Asphalt (complete)	SY	$58.78
800500	Clay Backfill for Core Trench	CY	$58.78

UNDERGROUND UTILITIES

Boring & Jacking

820000	Boring & Jacking Water	LF	$309.16
820001	Boring & Jacking Sewer	LF	$573.65
820002	36" Steel Casing Pipe (Boring/Jacking)	LF	$146.94

Water

820100	4" DIP	LF	$58.78
820101	6" DIP	LF	$65.83
820102	8" DIP	LF	$70.53
820103	12" DIP	LF	$89.34
820104	16" DIP	LF	$94.04
820110	4" C-900 PVC	LF	$30.56
820111	6" C-900 PVC	LF	$35.27
820112	8" C-900 PVC	LF	$42.32
820113	10" C-900 PVC	LF	$54.07
820114	12" C-900 PVC	LF	$61.13
820120	3/4" Copper WHC	LF	$35.27
820121	1" Copper WHC	LF	$36.44
820122	1-1/2" Copper WHC	LF	$41.14
820123	2" Copper WHC	LF	$42.32
820124	3" PVC Schedule 40 WHC	LF	$47.02
820125	4" PVC Schedule 40 WHC	LF	$51.72
820130	1-1/2" Drains	EA	$1,175.52
820131	Blow off valve	EA	$10,579.67
820132	Air Release valve & Vault	EA	$6,700.46
820140	8" x 4" Tapping Sleeve & Valve	EA	$1,763.28
820141	8" x 6" Tapping Sleeve & Valve	EA	$2,204.10
820142	8" x 8" Tapping Sleeve & Valve	EA	$3,673.50
820143	8" x 12" Tapping Sleeve & Valve	EA	$7,346.99
820150	4" Gate Valve & Box	EA	$705.31
820151	6" Gate Valve & Box	EA	$822.86
820152	8" Gate Valve & Box	EA	$940.42
820153	10" Gate Valve & Box	EA	$1,175.52
820154	12" Gate Valve & Box	EA	$1,410.62
820155	16" Gate Valve & Vault (Precast)	EA	$7,053.11
820160	3/4" Meter Vault for outside metering	EA	$514.88
820161	1" Meter Vault for outside metering	EA	$587.76
820162	1-1/2" Meter Vault for outside metering	EA	$734.70
820163	2" Meter Vault for outside metering	EA	$1,249.58
820164	3" Meter Vault for outside metering	EA	$4,408.20
820165	4" Meter Vault for outside metering	EA	$5,142.90
820166	6" Meter Vault for outside metering	EA	$10,285.79

820170	Fire Hydrants, FH Tee and Valve	EA	$2,938.80
820171	Fire Suppression Tank (5,000 gal) and Concrete Slab	EA	$8,052.30
820172	Removal of abandoned 6" or 8" water mains	LF	$35.27
Sewer			
820200	4" PVC Schedule 40 (less than 12' deep)	LF	$64.65
820201	6" PVC Schedule 40 (less than 12' deep)	LF	$70.53
820202	8" PVC Schedule 40 (less than 12' deep)	LF	$76.41
820203	10" PVC Schedule 40 (less than 12' deep)	LF	$82.29
820204	12" PVC Schedule 40 (less than 12' deep)	LF	$88.16
820205	8" PVC Schedule 40 (12' - 16' deep)	LF	$81.11
820206	8" PVC Schedule 40 (greater than 16' deep)	LF	$97.57
820210	8" DIP Sewer (all depths)	LF	$88.16
820211	10" DIP Sewer (all depths)	LF	$99.92
820212	12" DIP Sewer (all depths)	LF	$111.67
820220	4" C-900 PVC Sewer Pipe	LF	$82.29
820221	6" C-900 PVC Sewer Pipe	LF	$88.16
820222	8" C-900 PVC Sewer Pipe	LF	$94.04
820223	10" C-900 PVC Sewer Pipe	LF	$105.80
820224	12" C-900 PVC Sewer Pipe	LF	$109.32
820230	4' Sewer Manhole	EA	$2,938.80
820231	Sewer Cleanouts	EA	$1,175.52
820232	Type A Drop Connection	EA	$1,246.05
820233	Type B Drop Connection	EA	$1,392.99
820234	Oil/Grease Interceptors	EA	$7,346.99
Shared Septic			
Piping and Drain Fields			
820300	1-1/4" SDP 11 PVC (Low Pressure Sewer)	LF	$17.63
820301	1-1/2" SDP 11 PVC SHC (Low Pressure Sewer)	LF	$23.51
820302	2" Sewer Force Main	LF	$29.39
820303	4" Sewer Force Main	LF	$41.14
820304	Drain Field Trenches, gravity, 4" PVC, 3' depth including tile	LF	$9.40
Pumps/Distribution System Controls/Buildings			
820310	Simplex Grinder Pump	EA	$4,702.08
820311	Duplex Grinder Pump	EA	$9,404.15
820312	Duplex Submersible Pumps	EA	$9,404.15
820313	Flushing Connections	EA	$1,763.28
820314	Concrete Settling Tank	EA	$2,938.80
820315	Monitoring Well	EA	$1,763.28
820316	Distribution Box	EA	$1,175.52
820317	Electrical Controls and Telemetry	EA	$17,632.78
820318	Blower/Distribution Pumpsets/Controls	EA	$23,510.38
820319	Septic Tanks	Per 1000 Gal	$1,763.28
820320	Treatment/Chemical/Storage Building	EA	$35,265.57
TRAFFIC SIGNAL & STREET LIGHTS			
870000	Traffic Signal (complete)	LS	$58,775.95
870001	LED-100 Colonial (American Electric) post-top fixture mounted on a 14-foot black fiberglass pole	EA	$1,645.73
870002	LED-150 Colonial (American Electric) post-top fixture mounted on a 14-foot black fiberglass pole	EA	$1,763.28
870003	LED-100 "Premier-Colonial" (Cooper) post-top fixture mounted on a 14-foot black fiberglass pole	EA	$1,822.05
870004	LED-150 "Premier-Colonial" (Cooper) post-top fixture mounted on a 14-foot black fiberglass pole	EA	$1,939.61
870005	LED-100 "Modern" post-top fixture (black) mounted on a 14-foot black fiberglass pole	EA	$1,645.73
870006	LED-150 "Modern" post-top fixture (black) mounted on a 14-foot black fiberglass pole	EA	$1,645.73
870007	LED-100 "Acorn-Maple Lawn" post-top fixture mounted on a 14-foot black fiberglass pole	EA	$3,291.45
870008	LED-150 "Acorn-Maple Lawn" post-top fixture mounted on a 14-foot black fiberglass pole	EA	$3,291.45
870009	LED-100 "Acorn-Maple Lawn" post-top fixture mounted on a 12-foot black fiberglass pole (with a shroud)	EA	$4,349.42
870010	LED-150 "Acorn-Maple Lawn" post-top fixture mounted on a 14-foot black fiberglass pole (with a shroud)	EA	$4,349.42
870011	LED-100 cobra fixtures (American Electric) mounted at 30' on a bronze fiberglass pole using a 6’ arm	EA	$2,145.32
870012	LED-100 cobra fixtures (American Electric) mounted at 30' on a bronze fiberglass pole using a 12’ arm	EA	$2,321.65
870013	LED-150 cobra fixtures (American Electric) mounted at 30' on a bronze fiberglass pole using a 6’ arm	EA	$2,174.71
870014	LED-150 cobra fixtures (American Electric) mounted at 30' on a bronze fiberglass pole using a 12’ arm	EA	$2,351.04
870015	LED-150 cobra fixtures (Hadco) mounted at 30' on a bronze fiberglass pole using a 6’ arm	EA	$2,292.26
870016	LED-150 cobra fixtures (Hadco) mounted at 30' on a bronze fiberglass pole using a 12’ arm	EA	$2,468.59

870017	LED-200 cobra fixtures (Hadco) mounted at 30' on a bronze fiberglass pole using a 6’ arm	EA	$2,409.81
870018	LED-200 cobra fixtures (Hadco) mounted at 30' on a bronze fiberglass pole using a 12’ arm	EA	$2,586.14
870019	LED-250 cobra fixtures (American Electric) mounted at 30' on a bronze fiberglass pole using a 6’ arm	EA	$2,292.26
870020	LED-250 cobra fixtures (American Electric) mounted at 30' on a bronze fiberglass pole using a 12’ arm	EA	$2,468.59
870021	LED-250 cobra fixtures (Hadco) mounted at 30' on a bronze fiberglass pole using a 6’ arm	EA	$2,527.37
870022	LED-250 cobra fixtures (Hadco) mounted at 30' on a bronze fiberglass pole using a 12’ arm	EA	$2,703.69
870023	LED-150 "Tear Drop" fixture mounted at 23' on a black fibberglass pole (with a shroud) using a 4-foot arm	EA	$4,760.85
870024	Removal of existing County street light	EA	$587.76
870025	Relocation of existing County street light	EA	$1,175.52
870026	Transformer (equipment, installation and cable)	EA	$3,526.56
870027	Hand Box (installed by BGE in grass area)	EA	$293.88
870028	Hand Box (installedby developer in the sidewalk)	EA	$235.10
870029	LED-150 cobra fixture mounted on existing BGE overhead pole (Lease of fixture & arm for 2 years)	EA	$352.66
870030	LED-250 cobra fixture mounted on existing BGE overhead pole (Lease of fixture & arm for 2 years)	EA	$470.21
870031	Pulling Cable through conduit	LS	

Developer Street Lights *

Energy and Maintenance (For 2 years)

870600	100-WATT HPS Vapor Fixture	$84.00
870601	150-WATT HPS Vapor Fixture	$90.00
870602	250-WATT HPS Vapor Fixture	$100.00
870603	400-WATT HPS Vapor Fixture	$120.00
870604	100-WATT MH Fixture	$138.00
870605	150-WATT MH Fixture	$145.00

Energy (For 2 years)

870620	LED-100 Post-Top Fixture	$10.00
870621	LED-150 Post-Top Fixture	$12.00
870622	LED-100 COBRA Fixture	$10.00
870623	LED-150 COBRA Fixture	$15.00
870624	LED-200 COBRA Fixture	$19.00
870625	LED-250 COBRA Fixture	$30.00

*** PASS-THROUGH FEES BASED ON RATES SET BY BGE**