County Council of Howard County, Maryland

2018 Legislative Session Legislative Day No. 5

Resolution No. 58-2018

Introduced by: The Chairperson at the request of the County Executive

A RESOLUTION approving schedules of fees and charges for functions regulated or administered by the Department of Planning and Zoning.

Introduced and read first time	, 2018.
	By order
Read for a second time at a public hearing on	, 2018.
	By order
This Resolution was read the third time and was a on, 2018.	dopted, Adopted with amendments, Failed, Withdrawn, by the County Council
	Certified By

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment

1	WHEREAS, Section 15.507 of the Howard County Code authorizes the County Council
2	to set, by Resolution, a non-refundable application fee to be charged to applicants who apply to
3	sell development rights to the County under the agricultural land preservation program; and
4	
5	WHEREAS, various sections of Title 16 of the Howard County Code authorize the
6	County Council to establish a variety of fees in relation to planning and zoning functions of the
7	County; and
8	
9	WHEREAS, pursuant to Title 16, Subtitle 2 of the Howard County Code, the County
10	Council acts as the Howard County Zoning Board and in their capacity as the Zoning Board, the
11	Council hears and considers zoning map amendments and zoning regulation text amendments;
12	and
13	
14	WHEREAS, Section 16.205 of the Howard County Code provides that any person may
15	petition the Zoning Board for approval of a development plan, upon payment of the proper fee;
16	and
17	
18	WHEREAS, pursuant to Section 16.212 of the Howard County Code, the County
19	Council shall establish a fee schedule for zoning map amendments and zoning regulation text
20	amendments; and
21	
22	WHEREAS, Section 16.133 of the Howard County Code allows a developer, under
23	certain circumstances, to pay a fee for the costs of off-site storm drainage facilities; and
24	
25	WHEREAS, Section 5-1603 of the Natural Resources Article of the Annotated Code of
26	Maryland allows for the recovery of costs incurred in a local forest conservation program; and
27	
28	WHEREAS, Section 18.909 of the Howard County Code allows a developer, under
29	certain circumstances, to pay a fee-in-lieu of constructing storm water management facilities;
30	and
31	

1						
2	WHEREAS, the Design Manual provides for waivers under certain circumstances from					
3	its standards for design, construction, and inspection of infrastructure and other improvements,					
4	and the County Executive has proposed a fee to cover the costs of processing waivers to the					
5	Design Manual that are submitted at the final stage of development; and					
6						
7	WHEREAS, as authorized by the passage of Council Resolution No. 78-2015, beginning					
8	on July 1, 2015, the Department of Planning and Zoning began to collect fees for the review and					
9	evaluation of sediment and erosion control plans including, but not limited to, environmental					
10	concept plans, final plans, and site development plans, on behalf of the Soil Conservation					
11	District; and					
12						
13	WHEREAS, the County Executive has recommended fee schedules for functions					
14	regulated by the Department of Planning and Zoning.					
15						
16	NOW, THEREFORE, BE IT RESOLVED by the County Council of Howard County,					
17	Maryland this day of, 2018 that it adopts the fee schedules attached to this					
18	Resolution; and					
19						
20	BE IT FURTHER RESOLVED that these fee schedules shall be effective July 1, 2018					
21	and shall remain in effect until changed or repealed by subsequent Resolution of the County					
22	Council.					

PLAN REVIEW FEES					
SINGLE FAMILY DETACHED	SINGLE-FAMILY ATTACHED, APARTMENTS AND MOBILE HOMES	COMMERCIAL AND INDUSTRIAL	OPEN SPACE AND PUBLIC FACILITIES ¹		
Sketch Plan					
\$400 per sheet, first 3 shed plus (a) \$300 per each addl sheet plus (a) \$ 15 per lot plus (b) \$ 10 per acre² for Open Space plus (f) \$ 20 per acre² for public roads (h) \$ 10 PDOX Electronic Submission (Per Shone-Time Fee) OR \$ 10 Paper Submission (I) Sheet Per Submission	plus (a) \$300 per each addl sheet plus (a) \$ 15 per acre² for Open Space plus (c) \$350 first 100 units³ (d) \$270 next 100 units³ (d) \$185 each additional 100 units³ plus (d) \$10 per acre² for Open Space plus (f) \$ 20 per acre² for public roads (h)	\$400 per sheet, first 3 sheets plus (a) \$300 per each addl sheet plus (a) \$100 per acre² plus (c) \$ 10 per acre² for Open Space plus (f) \$ 20 per acre² for public roads (h) \$ 10 PDOX Electronic Submission (Per Sheet One-Time Fee) OR \$ 10 Paper Submission (Per Sheet Per Submission)	\$400 per sheet, first 3 sheets plus (a) \$300 per each addl sheet plus (a) \$ 15 per acre² (g) \$ 10 PDOX Electronic Submission (Per Sheet One-Time Fee) OR \$ 10 Paper Submission (Per Sheet Per Submission)		
	Sheet Per Submission)				
Preliminary Subdivision P					
\$400 per sheet, first 3 she plus (a) \$300 per each addl sheet	ts \$400 per sheet, first 3 sheets plus (a) \$300 per each addl sheet plus	\$400 per sheet, first 3 sheets plus (a) \$300 per each addl sheet plus	\$400 per sheet, first 3 sheets plus (a) \$300 per each addl sheet		
plus (a) \$ 25 per lot plus (b) \$ 15 per acre² for Open Space plus (f) \$ 25 per acre² for public roads (h) \$ 10 PDOX Electronic Submission (Per Sh One-Time Fee) OR \$ 10 Paper Submission (l Sheet Per Submission)	(a) \$ 25 per acre² plus (c) \$525 first 100 units (d) \$400 next 100 units³ (d) \$275 each additional 100 units³ plus (d) \$ 15 per acre² for Open Space plus (f) \$ 25 per acre² for public roads (h) er \$ 10 PDOX Electronic	(a) \$100 per acre² plus (e) \$ 15 per acre² for Open Space plus (f) \$ 25 per acre² for public roads (h) \$ 10 PDOX Electronic Submission (Per Sheet One-Time Fee) OR \$ 10 Paper Submission (Per Sheet Per Submission)	plus (a) \$ 25 per acre² (g) \$ 10 PDOX Electronic Submission (Per Sheet One-Time Fee) OR \$ 10 Paper Submission (Per Sheet Per Submission)		

 ¹ Fees for open space or Recreation and Park projects that are not submitted with a residential or commercial development.
 ² Any portion over an acre will be assessed the full per acre fee; i.e. all fractions will be rounded up to the nearest acre.
 ³ Price per group of units also means price of a portion of that group of units

	SINGLE FAMILY DETACHED	A]	SINGLE-FAMILY ATTACHED, PARTMENTS AND MOBILE HOMES	C	OMMERCIAL AND INDUSTRIAL		OPEN SPACE AND IBLIC FACILITIES ¹
Prelin	ninary Equivalent Sketch l	Plan					
\$450 \$ 30 \$ 20	per sheet, first 3 sheets plus (a) per each addl sheet plus (a) per lot plus (b) per acre² for Open Space plus (f) per acre² for public roads (h) PDOX Electronic Submission (Per Sheet One-Time Fee) OR Paper Submission (Per Sheet Per Submission)	\$450 \$ 30 \$525 \$400 \$275 \$ 20	per sheet, first 3 sheets plus (a) per each addl sheet plus (a) per acre² plus (c) first 100 units (d) next 100 units³ (d) each additional 100 units³ plus (d) per acre² for Open Space plus (f) per acre² for public roads (h) PDOX Electronic Submission (Per Sheet One-Time Fee) OR Paper Submission (Per Sheet Per Submission)	\$450 \$150 \$ 20	per sheet, first 3 sheets plus (a) per each addl sheet plus (a) per acre² plus (e) per acre² for Open Space plus (f) per acre² for public roads (h) PDOX Electronic Submission (Per Sheet One-Time Fee) OR Paper Submission (Per Sheet Per Submission)		per sheet, first 3 sheets plus (a) per each addl sheet plus (a) per acre ² (g) PDOX Electronic Submission (Per Sheet One-Time Fee) OR Paper Submission (Per Sheet Per Submission)
T' 1	0 1 1' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '						
	Subdivision Plat	¢400		¢400		¢400	
	per sheet, first 3 sheets plus (a) per each addl sheet plus (a)		per sheet, first 3 sheets plus (a) per each addl sheet plus (a)		per sheet, first 3 sheets plus (a) per each addl sheet plus (a)		per sheet, first 3 sheets plus (a) per each addl sheet plus (a)
\$ 25	per lot plus (b) per acre ² for Open Space plus (f)	\$525	per acre ² plus (c) first 50 units (d) next 50 units ³ (d)	\$ 25	per acre ² plus (e) per acre ² for Open Space plus (f)	\$ 30 \$ 10	per acre ² (g) PDOX Electronic Submission (Per Sheet
	per acre ² for public roads (h)	\$275	units ³ plus (d)		per acre ² for public roads plus (h)		One-Time Fee) OR
\$ 40 \$ 35	construction plans (i) per acre ² for road right-	\$ 25 \$ 35	Space plus (f) per acre ² for public		per sheet for construction plans PDOX Electronic Submission (Per Sheet	\$ 10	Paper Submission (Per Sheet Per Submission)
\$ 10 \$ 10	of-way dedication plat (j) PDOX Electronic Submission (Per Sheet One-Time Fee) OR Paper Submission (Per	\$ 10	roads plus (h) per sheet for construction plans (i) PDOX Electronic Submission (Per Sheet One-Time Fee) OR	\$ 10	Submission (Per Sheet One-Time Fee) OR Paper Submission (Per Sheet Per Submission)		
	Sheet Per Submission)	\$ 10	Paper Submission (Per Sheet Per Submission)				

	SINGLE FAMILY DETACHED	A]	SINGLE-FAMILY ATTACHED, PARTMENTS AND MOBILE HOMES	C	OMMERCIAL AND INDUSTRIAL		OPEN SPACE AND IBLIC FACILITIES ¹
	Development Plan						
\$400	per sheet, first 3 sheets plus (a)	\$400	per sheet, first 3 sheets plus (a)	\$400	per sheet, first 3 sheets plus (a)	\$400	per sheet, first 3 sheets plus (a)
\$100	per each addl sheet plus (a)	\$100	per each addl sheet plus (a)	\$100	per each addl sheet plus (a)	\$100	per each addl sheet plus (a)
\$ 10	per acre ² (c) per unit (b)	\$525	per acre ² plus (c) first 50 units (d)		per acre ² of area disturbed (e)	\$ 30 \$ 10	per acre ² (g) PDOX Electronic
\$ 10	PDOX Electronic Submission (Per Sheet One-Time Fee)	\$400 \$275	each additional 50 units ³ plus (d)	\$ 10	PDOX Electronic Submission (Per Sheet One-Time Fee)		Submission (Per Sheet One-Time Fee) OR
\$ 10	OR Paper Submission (Per Sheet Per Submission)	\$ 10	PDOX Electronic Submission (Per Sheet One-Time Fee)	\$ 10	OR Paper Submission (Per Sheet Per Submission)	\$ 10	Paper Submission (Per Sheet Per Submission)
		\$ 10	OR Paper Submission (Per Sheet Per Submission)				
Site D	Development Plan (For De	molitio	n, Clearing and Grading O	nly)			
\$400	per sheet, first 3 sheets plus (a)	\$400	per sheet, first 3 sheets plus (a)	\$400	per sheet, first 3 sheets plus (a)	\$400	per sheet, first 3 sheets plus (a)
\$100	per each addl sheet plus (a)	\$100	per each addl sheet plus (a)	\$100	per each addl sheet plus (a)	\$100	per each addl sheet plus (a)
\$ 25 \$ 10	per acre ² (c) PDOX Electronic Submission (Per Sheet One-Time Fee)	\$ 25 \$ 10	per acre ² (c) PDOX Electronic Submission (Per Sheet One-Time Fee)	\$ 50 \$ 10	per acre ² (e) PDOX Electronic Submission (Per Sheet One-Time Fee)	\$ 10	PDOX Electronic Submission (Per Sheet One-Time Fee) OR
\$ 10	OR Paper Submission (Per Sheet Per Submission)	\$ 10	OR Paper Submission (Per Sheet Per Submission)	\$ 10	OR Paper Submission (Per Sheet Per Submission)	\$ 10	Paper Submission (Per Sheet Per Submission)

LEGEND (Corresponds to Plan Submission Worksheets)

- (a) Per sheet fee
- (b) Single-Family Detached (SFD) per lot/unit fee
- (c) Single-Family Detached (SFD)/Single-Family Attached (SFA), Apartment (APT) and Mobile Home (MH) per acre fee
- (d) SFA, APT and MH per unit fee
- (e) Commercial/Industrial per acre fee
- (f) Open Space per acre fee with subdivision plan
- (g) Open Space/Public Facilities per acre fee without subdivision plan
- (h) Public road per acre fee
- (i) Final Construction Plan per sheet fee
- (j) Road right-of-way dedication plat per acre fee
- (k) Poster fee
- (l) Forest Conservation Review Fee
- (m) Subdivision Supplemental per sheet fee

DEPARTMENT OF PLANNING AND ZONING FEE SCHEDULE

Effective July 1, 2018

MAJOR PLAN CHANGES

50% of the original fee but no less than a minimum of \$270. For the review and processing of plans requiring repeated resubmissions due to major redesign or failure to meet regulatory requirements. This fee applies for the $4^{\rm th}$ and subsequent submissions.

COMPREHENSIVE SKETCH AND FINAL DEVELOPMENT PLAN MAP AND CRITERIA

\$400 (non-refundable) – per application to the Planning Board for criteria approval, plus

\$150 per plan sheet, plus

\$15 per acre or portion of an acre.

The fee is assessed once with either comprehensive sketch plan or final development plan

ENVIRONMENTAL CONCEPT PLAN

\$400 per sheet

\$10 pdox electronic submission (per sheet one-time fee); or

\$10 paper submission (per sheet per submission)

WAIVER PETITION – SUBDIVISION REGULATIONS

\$450 for first 2 waiver sections, plus \$50 for each additional waiver section

\$350 maximum for Agricultural Preservation parcels

WAIVER REQUEST - DESIGN MANUAL

for all related changes associated with a waiver submitted after signature of the preliminary plan or for a request to pay a fee-in-lieu of constructing stormwater management.

WAIVER REQUEST – DESIGN MANUAL ALTERNATIVE

\$250 for an alternative design to meet a technical design standard.

RESIDENTIAL "WALK-THRU" REVISIONS

\$150 Per lot of single-family detached or attached housing

APPROVED PLAN REVISIONS⁴

\$200 Standard revision –

Processing fee for each submission

\$270 Non-standard -

Min for review and processing of proposed changes to approved road construction, water & sewer construction

and site development plans.

Processing fee equal to one-half of the computed plan processing fee based on the adopted Howard County fee schedule, but no less than a minimum fee of \$270.

HOUSE MODEL REVISIONS

\$100 Per lot of single family detached housing \$400 per building of single family attached housing or apartments, plus \$100 per sheet

CORRECTION PLAT/RESUBDIVISION PLAT FEE

\$300 per sheet for a correction plat, a plat of easement or a resubdivision plat to combine lots or reduce the number of lots. Resubdivision plats that create additional lots are subject to the per lot and per acre charges in the final subdivision plat fee schedule.

STREET RENAMING CHANGE

\$200 per application, plus

\$15 for each certified letter required by law

CERTIFIED LETTER

per letter required in association with a commercial/industrial site development plan adjoining a residential non-conforming use

POSTER FEE-LAND DEVELOPMENT (k)

\$25 per poster required by law or regulation

NEW TOWN AND MXD, ASDP/CSDP MEETINGS FEE

\$175 for Planning Board public meeting as required under the Zoning Regulations for amended site development plans or concept site development plans in New Town or MXD zones.

HEARING FEE

\$585 for Planning Board public hearing as required under Zoning Regulations.

FOREST CONSERVATION REVIEW FEE (1)

\$100 per sheet for the first sheet of a forest stand delineation or forest conservation plan, plus

\$30 per sheet for each additional sheet of a forest stand delineation or forest conservation plan

SUBDIVISION PLAN SUPPLEMENTAL SHEET FEE(m)⁴

\$100 per sheet for each sketch plan, preliminary plan, preliminary equivalent sketch plan, final subdivision plat or site development plan supplemental sheet that will require signature approval by DPZ

MITIGATION PLAN FEE

\$100 per sheet for the first sheet of an original mitigation plan submitted as a supplemental sheet in compliance with 401/404 wetland mitigation requirements, plus \$30 per sheet for each additional sheet of an original mitigation plan

FEE IN LIEU OF OPEN SPACE DEDICATION

\$1500 per lot or per dwelling unit, whichever is greater varies w/project. R&P Fee collected by DPZ

ADMINISTRATIVE ADJUSTMENTS

\$300 Bulk Regulations, plus \$25 poster fee \$100 Temporary Uses, plus \$25 poster fee

\$25 Subsequent hearings

NONCONFORMING USE

\$250 Confirmation of a nonconforming use, plus \$25 poster fee

ZONING BOARD MAP AMENDMENTS

\$695* Per amendment - If granted, petitioner will pay \$2 per acre map revisions (\$45 minimum, \$240 maximum)

\$510 Additional hearing

\$25 Poster Fee

COMPREHENSIVE ZONING MAP AMENDMENTS

\$250 Per Amendment

ZONING TEXT AMENDMENTS (ZRAs)

\$695* Per amendment

PRELIMINARY DEVELOPMENT PLAN AND CRITERIA

\$400 If granted, petitioner will pay \$15 per acre

BOARD OF APPEALS/HEARING EXAMINER

\$500 Conditional Uses, plus \$25 poster fee

\$300 Variance – residentially zoned, plus \$25 poster fee

\$500 Variance – other, plus \$25 poster fee

\$0 Variance – if recommended by the Design Advisory Panel and supported by the Department of Planning and Zoning

\$250 Modification of Conditions Decision & Order (variance and conditional use), plus \$25 poster fee

\$250 Appeal to Board of Appeals, plus \$25 poster fee (when required)

\$300 Confirm/Expand a nonconforming use, plus \$25 poster fee

\$310 Sign Variance, plus \$25 poster fee

\$250 Administrative Appeals

PERMIT FEES

\$250 Demolition permit review – for all principal structures and historic accessory structures

\$50 Demolition permit review – for non-historic accessory structures

\$25 Accessory apartments, home occupations, Christmas tree, snowball stands, farm produce stands, Class 1A Winery, Value-Added Processing, Pick-your-own enterprise, agritourism enterprise, or home-based contractor's permit and other permits as identified in Section 128.0 of the Howard County Zoning Regulations.

VERIFICATION LETTERS

\$150 Review of as-builts

\$50 Verification of Zoning, use, lot legality and/or other requirements

\$50 Request for procedural determination by the subdivision review committee (SRC) – Requests for originals only exempted

AGRICULTURAL LAND PRESERVATION PROGRAM

\$200 Application Fee

[[SINGLE SITE HISTORIC DISTRICT

\$200 Application Fee]]

EXCEPTIONS

- 1. The County Council or the Zoning Board, depending on whether it is a text amendment or a map amendment, may refund or waive all or part of the filing fee where the petitioner demonstrates to the satisfaction of the County Council or the Zoning Board that the payment of the fee would work an extraordinary hardship on the petitioner.
- 2. The County Council or the Zoning Board may refund part of the filing fee for withdrawn petitions.
- 3. The County Council waives fees associated with development of capital projects by Howard County, with the exception of print fees.
- 4. The County Council waives all fees for County grant funded stormwater management improvements for non-profit organizations participating in the stormwater program, with the exception of print fees.

DEPARTMENT OF PLANNING AND ZONING ENGINEERING REVIEW FEE SCHEDULE Effective July 1, 2018

These fees are pursuant to Section 16.130 and Section 16.131 of the Howard County Code, which requires developers to pay for the costs of public improvements (water and sewer facilities), which costs include the costs incurred by the Department of Planning & Zoning in reviewing the plans for the facilities:

COMMERCIAL, INDUSTRIAL & MULTI-FAMILY SITE DEVELOPMENT PLANS					
Total Estimated Site Construction Costs	Fee For Private Roads, Parking Lots & Storm Water Management**	Fee For Private Storm Drains, Water & Sewer**			
Less than \$ 50,000	2.75%	0.8%			
\$ 50,001 - \$150,000	2.50%	0.7%			
\$150,001 - \$250,000	2.25%	0.6%			
over \$250,000	2.00%	0.5%			

**

- 1. Fees represent half of the total fee charged. The total fee is shared between DPW and DPZ.
- 2. A partial advance fee is to be paid in full prior to submission of plan for signature approval. This partial fee shall be 50% of the fee based upon the developer's preliminary construction cost estimate. The minimum fee is \$100.
- 3. The final fee is calculated based on actual construction quantities and the Howard County Department of Planning and Zoning's approved unit prices and item codes, dated July 1, 2018 (see attached exhibit 1).
- 4. Final fee is to be paid in full prior to submission of plan for signature approval.

FINAL SUBDIVISIONS WITH PUBLIC ROADS AND STORM DRAINAGE STRUCTURES			
Cost of Improvements	Fee*		
Less than \$50,000	2.75% but not less than \$100		
\$50,001 - \$150,000	2.5%		
\$150,001 - \$250,000	2.25%		
Over \$250,000	2%		

*

- 1. Fees represent half of the total fee charged. The total fee is shared between DPW and DPZ.
- 2. A partial advance fee is to be paid in full prior to submission of plan for signature approval. This partial fee shall be 50% of the fee based upon the developer's preliminary construction cost estimate. The minimum fee is \$100.
- 3. The final fee is calculated based on actual construction quantities and the Howard County Department of Planning and Zoning approved unit prices and item codes, dated July 1, 2018 (see attached exhibit 1).
- 4. Final fee is to be paid in full prior to submission of plan for signature approval.

SITE DEVELOPMENT PLAN FOR SINGLE-FAMILY ATTACHED OR DETACHED HOUSING FRONTING ON PUBLIC ROADS			
Basis	Fees***		
Residential single-family detached	\$40 per lot		
Residential single-family semi-detached (duplex) site	\$30 per lot		
Residential single-family attached (townhouses on fee simple lots	\$15 per lot		
1st revisions of approved plans (excluding house footprint or location revisions)	Free		
2nd & subsequent revisions of approved plans (excluding house footprint or location revisions)	\$200 each		

^{***}Fee to be paid prior to initial submission of plan for review and approval. Minimum fee per plan \$100.

SUBDIVISION PLATS WITHOUT PUBLIC ROADS AND STORM DRAINAGE STRUCTURES		
Basis	Fee**	
Subdivision record plat without a concurrent subdivision	\$25 per lot	
plan	\$50 minimum per plat	
	\$500 maximum per plan	

^{**}Fee to be paid at first submission of plat for review.

1. For changes to approved subdivision plat with a concurrent subdivision plan, no charge for 1st revision; 2nd and subsequent revisions \$200 per plat submittal.

REVIEW OF SUBDIVISIONS AND SITE DEVELOPMENT PLANS WATER & SEWER FACILITIES*					
Work To Be Done	Partial Advance Fee	Total Fee			
Review of water or sewer systems, including engineering, administrative and legal costs associated with the review.	1.75% of DPZ's established unit cost for sewer main and established unit cost for water main and fire hydrant (attached as "Exhibit 1"). Must be deposited with application for preliminary plan approval based on quantities shown on developer's preliminary plan.	3.5% of DPZ's established unit cost for sewer main and established unit cost for water main and fire hydrant (attached as "Exhibit 1"), based on quantities shown on developer's approved construction drawings and paid prior to delivery of developer agreement for execution.			

^{*}Total fee of 7% is shared fees between DPZ and DPW

DEPARTMENT OF PLANNING AND ZONING REVIEW AND APPROVAL OF WATER & SEWER FACILITIES FOR SUBDIVISIONS AND SITE DEVELOPMENT Effective July 1, 2018

These fees are adopted pursuant to Section 16.130 of the Howard County Code which requires developers to pay for the costs of public improvements (water and sewer facilities) required by Section 16.131, which costs include the costs incurred by the Department of Planning and Zoning in reviewing the plans for the facilities and in inspecting them during construction.

Construction Inspection of Private and Public Water and Sewer

WORK	CHARGE* (NON-REBATABLE)
Single Family Detached (ex: R-12, R-20, etc.) No Minor Subdivisions	\$600 per lot
Townhome, Cluster Home No Minor Subdivisions	\$250 per lot
Minor Subdivisions, Site Development Plans, etc.	\$800 Lump Sum Administration and Project Coordination Fee, plus \$7 per linear foot Field Inspection Fee.
Inspection of private water & sewer 8" or larger (from the connection to within 5 feet of the building improvement).	\$800 Lump Sum Administration and Project Coordination Fee, plus \$7 per linear foot Field Inspection Fee.
TV Inspection	\$.60 per foot, to be paid prior to delivery of developer agreement for execution.

^{*} These fees cover the costs associated with the inspection of water and sewer facilities during the construction time established in the developer agreement and construction documents. If construction time exceeds the established time, additional inspection fees will be charged in the amount of 1.5% of the total estimated construction costs included in the developer agreement with a minimum fee of \$1,500.

This fee schedule requires developers to pay for the costs of inspection by the County or a designee for compliance with the County guidelines for Landscaping regulations:

LANDSCAPE INSPECTION FEES		
Landscape Surety Amount Percentage of Surety*		
\$0-10,000	1.5%	
\$10,001-\$20,000	1%	
\$20,001-\$30,000	.75%	
\$30,001 and up	.5%	

^{*}Fee not to be less than \$100

Note: A half-fee will be charged for the fourth and subsequent Inspections.

UNIT PRICES FOR LANDSCAPING SURETY		
Shade Trees	\$300 each	
Ornamental and evergreen trees	\$150 each	
Shrubs	\$ 30 each	
Fencing	\$ 10 per linear foot	
Walls	\$ 20 per linear foot	

This fee schedule requires developers to pay for the costs of inspection by the County or designee for compliance with the County guidelines for Forest Conservation regulations and is adopted pursuant to Section 5-1603 of the Natural Resources Article of the Annotated Code of Maryland that allows for the recovery of costs incurred in a local forest conservation program.

FOREST CONSERVATION INSPECTION FEES		
Forest Conservation Surety Amount Percentage of Surety*		
\$0-100,000	.4%	
\$100,001-\$150,000	.3%	
\$150,001 and up	.2%	

^{*}Fee not to be less than \$400 for three inspections.

Note: A half-fee or no less than \$200 will be charged for the fourth and subsequent inspections.

UNIT PRICES FOR FOREST CONSERVATION SURETY		
Forest Retention	\$0.20 per square foot	
Regeneration or Selective clearing with supplemental planting	\$0.40 per square foot	
Reforestation/Afforestation	\$0.50 per square foot	

This fee schedule allows a developer to pay for the costs of afforestation or reforestation by the County in accordance with the County guidelines for forest conservation regulations set forth in the Howard County Code, Sections 16.1210 and 16.1211.

Forest Conservation Fees			
	\$0.75 Per square foot within the Planned Service Area boundary		
Afforestation or reforestation	\$0.95 per square foot outside of the Planned Service Area boundary		
Easement abandonment	\$1.25 Per square foot		
Non-compliance with forest conservation	\$1.20 Per square foot		

DEPARTMENT OF PLANNING AND ZONING FEE SCHEDULE

Developer Drainage Fees and Stormwater Management Fee-in-Lieu Effective July 1, 2018

These fees are adopted pursuant to Section 16.133(c) and 18.909 of the Howard County Code which Requires that a developer pay an off-site drainage fee and allows the payment for fee-in-lieu of implementing best management practices for minor modifications to non-residential property.

DEVELOPER DRAINAGE FEES

WATERSHED	RESIDENTIAL DEVELOPMENT (Single Family or Two-Family)	MULTI-FAMILY, COMMERCIAL AND INDUSTRIAL DEVELOPMENT	
Little Patuxent	\$75/lot	\$325/acre	
Main Patuxent	\$75/lot	\$325/acre	
Middle Patuxent	\$75/lot	\$325/acre	
Patapsco	\$75/lot	\$325/acre	

STORMWATER MANAGEMENT FEE-IN-LIEU

Stormwater fee in lieu for ESD Device: \$35 per cubic foot of storage

Stormwater Fee in lieu for Non-ESD device: \$72,000 per acre foot of storage.

DEPARTMENT OF PLANNING AND ZONING HOWARD SOIL CONSERVATION REVIEW FEE SCHEDULE EFFECTIVE JULY 1, 2018

These fees are pursuant to Section 16.123(C)(3) of the Howard County Code, which requires developers to pay for the costs of review for Erosion and Sediment Control which includes the costs incurred by the Howard Soil Conservation District in reviewing the plans for development:

SEDIMENT AND EROSION CONTROL PLAN REVIEW			
Plan Type Review Fee			
Environmental Concept PlanFinal PlanSite Development Plan	\$90 per acre based on the Limit of Disturbance (LOD)		
Preliminary and Preliminary Equivalent PlanSketch Plan	\$45 per acre based on the Limit of Disturbance (LOD)		

If no subdivision or site development plan is required:

- A flat fee of \$250 will be charged for:
 - Single lot residential grading plans with a limit of disturbance of 2.0 acres or less
 - As-built structure review
- Lots with disturbance larger than 2.0 acres will be charged \$250, plus \$20 per acre based on the additional limit of disturbance (LOD).

10100 Clearing & Grubbing (based on clearing wooded areas only)	ITEM CODE	EDESCRIPTION	UNIT	UNIT COST
101010 Clearing & Grubbing (based on clearing wooded areas only) AC \$5,000,00 110101 Tree Removal - Under 10" Diameter EA \$345,00 110102 Tree Removal - 10" to 15" Diameter EA \$345,00 110103 Tree Removal - 15" to 30" Diameter EA \$345,00 110104 Tree Removal - 15" to 30" Diameter EA \$1,055,00 110105 Trae Removal - Greater than 30" Diameter EA \$1,35,00 110106 Abaudon Existing Well LS \$2,000,00 110200 Removal & Disposal of Existing Buildings (specific based on size & materials) LS \$2,000,00 110201 Engineers Office Type A LS \$2,000,00 110202 Engineers Office Type B LS \$24,000,00 110203 Engineers Office Type B LS \$34,000,00 110204 Cellular Telephone EA \$1,000,00 110205 Engineers Office Type C LS \$34,000,00 110206 Digital Camera EA \$1,000,00 110207 Digital Camera EA \$1,000,00 110208 Trubber Toile (Per Month) MO \$55,00 110209 S" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110300 10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 2" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 2" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 2" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 2" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 2" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 2" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110310 4" Yellow Removable Preformed Pavement Line Markings LF \$0.25 110310		GENERAL		
10101 Tree Removal - Under 10" Diameter	110100		AC	\$5,000.00
101012 Tree Removal - 10" to 15" Diameter				
101013				
10104 Tree Removal - Greater than 30" Diameter EA \$1,625,00 10105 Transplant Street Trees EA \$135,00 10106 Abandon Existing Well S. \$2,000,00 10200 Removal & Disposal of Existing Buildings (specific based on size & materials) 1.5 \$10,300,00 10201 Engineers Office Type A LS \$20,000,00 10202 Engineers Office Type B LS \$24,000,00 10202 Engineers Office Type B LS \$34,000,00 10203 Engineers Office Type C LS \$34,000,00 10204 Cellular Telephone EA \$19,00 \$10020 EA \$10000 EA \$10,000,00 EA \$10000 EA \$10,000,00 EA \$10,				
101015				
101016 Abandon Existing Well LS \$2,000.00 110200 Removal & Disposal of Existing Buildings (specific based on size & materials) LS \$10,300.00 110201 Engineers Office Type A LS \$2,000.00 110202 Engineers Office Type B LS \$2,000.00 110203 Engineers Office Type C LS \$34,000.00 110204 Cellular Telephone EA \$19.00 110205 Portable Toilet (Per Month) MO \$95.00 110206 Digital Camera EA \$1,000.00				
110201 Engineers Office Type A		*		
110201 Engineers Office Type A	110200	Removal & Disposal of Existing Buildings (specific based on size & materials)	LS	\$10.300.00
110202 Engineers Office Type B		1 0 1		
110203		* **		
110204 Cellular Telephone EA \$19.00 110205 Portable Toilet (Per Month) MO \$95.00 110206 Digital Camera EA \$1,000.00 NO \$1000 EA \$1,000.00 EA				
110205		* **		
MAINTENANCE OF TRAFFIC		<u>*</u>		
MAINTENANCE OF TRAFFIC		· · · · · · · · · · · · · · · · · · ·		
110300 5" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110301 5" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110302 10" Yellow Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110303 10" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$0.25 110304 12" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$1.00 110305 16" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$2.00 110306 24" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$2.00 110306 24" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$1.00 110301 4"Yellow Removable Preformed Pavement Line Markings LF \$1.50 110311 4"White Removable Preformed Pavement Line Markings LF \$1.50 110312 5"White Removable Preformed Pavement Line Markings LF \$1.25 110313 5" White Removable Preformed Pavement Line Markings LF \$2.50 110316 12" White Removable Preformed Pavement Line Markings<				7-,000.00
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11030516" White Nontoxic Lead Free Waterborne Pavement Marking PaintLF\$2.0011030624" White Nontoxic Lead Free Waterborne Pavement Marking PaintLF\$4.801103104"Yellow Removable Preformed Pavement Line MarkingsLF\$1.201103114" White Removable Preformed Pavement Line MarkingsLF\$1.501103125"Yellow Removable Preformed Pavement Line MarkingsLF\$1.251103135" White Removable Preformed Pavement Line MarkingsLF\$1.2511031410"Yellow Removable Preformed Pavement Line MarkingsLF\$2.5011031510" White Removable Preformed Pavement Line MarkingsLF\$2.5011031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.65110320Removable Preformed SymbolsEA\$275.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed NumbersEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLF\$3.00110341Bank Run Gravel Subbase for Maintenance of TrafficLF\$3.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregat	110303	10" White Nontoxic Lead Free Waterborne Pavement Marking Paint		\$0.25
110306 24" White Nontoxic Lead Free Waterborne Pavement Marking Paint LF \$4.80 110310 4"Yellow Removable Preformed Pavement Line Markings LF \$1.20 110311 4" White Removable Preformed Pavement Line Markings LF \$1.50 110312 5"Yellow Removable Preformed Pavement Line Markings LF \$1.25 110313 5" White Removable Preformed Pavement Line Markings LF \$1.25 110314 10"Yellow Removable Preformed Pavement Line Markings LF \$2.50 110315 10" White Removable Preformed Pavement Line Markings LF \$2.50 110316 12" White Removable Preformed Pavement Line Markings LF \$4.25 110316 12" White Removable Preformed Pavement Line Markings LF \$5.30 110318 24" White Removable Preformed Pavement Line Markings LF \$5.30 110318 24" White Removable Preformed Pavement Line Markings LF \$7.65 1103320 Removable Preformed Letters EA \$770.00 1103321 Removable Preformed Arrows EA \$233.00 1103322 Removable		· · · · · · · · · · · · · · · · · · ·	LF	\$1.00
110310	110305	16" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	\$2.00
1103114" White Removable Preformed Pavement Line MarkingsLF\$1.501103125"Yellow Removable Preformed Pavement Line MarkingsLF\$1.251103135" White Removable Preformed Pavement Line MarkingsLF\$1.2511031410"Yellow Removable Preformed Pavement Line MarkingsLF\$2.5011031510" White Removable Preformed Pavement Line MarkingsLF\$2.5011031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.651103320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removable Preformed NumbersEA\$233.001103325Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLS\$33,000.00110341Bank Run Gravel Subbase for Maintenance of TrafficLS\$33,000.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$15.00	110306	24" White Nontoxic Lead Free Waterborne Pavement Marking Paint	LF	\$4.80
110312 5"Yellow Removable Preformed Pavement Line Markings LF \$1.25 110313 5" White Removable Preformed Pavement Line Markings LF \$1.25 110314 10"Yellow Removable Preformed Pavement Line Markings LF \$2.50 110315 10" White Removable Preformed Pavement Line Markings LF \$2.50 110316 12" White Removable Preformed Pavement Line Markings LF \$4.25 110317 16" White Removable Preformed Pavement Line Markings LF \$5.30 110318 24" White Removable Preformed Pavement Line Markings LF \$7.65 1103320 Removable Preformed Letters EA \$70.00 1103321 Removable Preformed Arrows EA \$233.00 1103322 Removable Preformed Arrows EA \$233.00 1103323 Removable Preformed Numbers EA \$233.00 1103324 Removable Preformed Pavement Markings - Any Width LF \$0.13 110340 Maintenance of Traffic LF \$3.00 110341 Bank Run Gravel Subbase for Maintenance of Traffic TON \$22.50<	110310	4"Yellow Removable Preformed Pavement Line Markings	LF	\$1.20
1103135" White Removable Preformed Pavement Line MarkingsLF\$1.2511031410"Yellow Removable Preformed Pavement Line MarkingsLF\$2.5011031510" White Removable Preformed Pavement Line MarkingsLF\$2.5011031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.651103320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removable Preformed Letters, Symbols, Arrows and NumbersEA\$452.001103325Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLS\$33,000.00110341Bank Run Gravel Subbase for Maintenance of TrafficLS\$33,000.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110311	4" White Removable Preformed Pavement Line Markings	LF	\$1.50
11031410"Yellow Removable Preformed Pavement Line MarkingsLF\$2.5011031510" White Removable Preformed Pavement Line MarkingsLF\$2.5011031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.651103320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removal of Removable Preformed Letters, Symbols, Arrows and NumbersEA\$452.001103325Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLS\$33,000.00110341Bank Run Gravel Subbase for Maintenance of TrafficTON\$22.50110342Graded Aggregate Subbase for Maintenance of TrafficTON\$15.00110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110312	5"Yellow Removable Preformed Pavement Line Markings	LF	\$1.25
11031510" White Removable Preformed Pavement Line MarkingsLF\$2.5011031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.651103320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removal of Removable Preformed Letters, Symbols, Arrows and NumbersEA\$452.001103325Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLS\$33,000.00110341Bank Run Gravel Subbase for Maintenance of TrafficLS\$33,000.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110313	5" White Removable Preformed Pavement Line Markings	LF	\$1.25
11031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.65110320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removal of Removable Preformed Letters, Symbols, Arrows and NumbersEA\$452.001103325Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLF\$3.00110341Bank Run Gravel Subbase for Maintenance of TrafficLS\$33,000.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110314		LF	\$2.50
11031612" White Removable Preformed Pavement Line MarkingsLF\$4.2511031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.65110320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removal of Removable Preformed Letters, Symbols, Arrows and NumbersEA\$452.001103325Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLF\$3.00110341Bank Run Gravel Subbase for Maintenance of TrafficLS\$33,000.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110315	· · · · · · · · · · · · · · · · · · ·	LF	\$2.50
11031716" White Removable Preformed Pavement Line MarkingsLF\$5.3011031824" White Removable Preformed Pavement Line MarkingsLF\$7.651103320Removable Preformed LettersEA\$70.001103321Removable Preformed SymbolsEA\$275.001103322Removable Preformed ArrowsEA\$233.001103323Removable Preformed NumbersEA\$233.001103324Removal of Removable Preformed Letters, Symbols, Arrows and NumbersEA\$452.001103325Removal of Removable Preformed Pavement Markings - Any WidthLF\$0.13110340Maintenance of TrafficLF\$3.00110341Bank Run Gravel Subbase for Maintenance of TrafficLS\$33,000.00110342Graded Aggregate Subbase for Maintenance of TrafficTON\$22.50110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50			LF	\$4.25
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110330 8" Removable Patterned Black Line Mask Tape for Maintenance of Traffic LS \$33,000.00 110340 Maintenance of Traffic LS \$33,000.00 110341 Bank Run Gravel Subbase for Maintenance of Traffic TON \$22.50 110342 Graded Aggregate Subbase for Maintenance of Traffic TON \$15.00 110343 Crusher Run Aggregate CR-6 for Maintenance of Traffic TON \$22.50	1103324	•	EA	\$452.00
110340 Maintenance of Traffic LS \$33,000.00 110341 Bank Run Gravel Subbase for Maintenance of Traffic TON \$22.50 110342 Graded Aggregate Subbase for Maintenance of Traffic TON \$15.00 110343 Crusher Run Aggregate CR-6 for Maintenance of Traffic TON \$22.50	1103325	Removal of Removable Preformed Pavement Markings - Any Width	LF	\$0.13
110341Bank Run Gravel Subbase for Maintenance of TrafficTON\$22.50110342Graded Aggregate Subbase for Maintenance of TrafficTON\$15.00110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110330	8" Removable Patterned Black Line Mask Tape for Maintenance of Traffic	LF	\$3.00
110342Graded Aggregate Subbase for Maintenance of TrafficTON\$15.00110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50	110340	Maintenance of Traffic	LS	\$33,000.00
110342Graded Aggregate Subbase for Maintenance of TrafficTON\$15.00110343Crusher Run Aggregate CR-6 for Maintenance of TrafficTON\$22.50				
110343 Crusher Run Aggregate CR-6 for Maintenance of Traffic TON \$22.50				
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110345 Hot Mix Asphalt for Maintenance of Traffic TON \$95.00		66 6		
110346 Hot Mix Asphalt Curb for Maintenance of Traffic LF \$5.50		*		
110347 Steel Plate 8'x12'x1" max. for Maintenance of Traffic (Per Day) EA/DY \$5.00		A		

ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
110350	Traffic Manager	DY	\$150.00
110351	Arrow Panel	UD	\$38.75
110352	Portable Flashing Arrow Panel	DY	\$38.75
110353	Temporary Traffic Signs Type III Retro reflective Sheeting	SF	\$12.50
110354	Temporary Traffic Signs High Performance Wide Angle Retro reflective Sheeting	SF	\$22.50
110355	Temporary Raised Pavement Markers	EA	\$6.25
110356	Signs for Maintenance of Traffic (Rental)	DY	\$10.00
110357	Removal of Temporary Raised Pavement Markers	EA	\$0.75
110358	Traffic Cones - 28" with Retro reflective Bands (Rental)	DY	\$43.75
110359	Removal of Existing Painted Stripe Markings - Any Width (Grinding)	LF	\$1.25
110360	4" Temporary Pavement Striping Tape	LF	\$1.30
110361	5" Temporary Pavement Striping Tape	LF	\$1.75
110362	6" Temporary Pavement Striping Tape	LF	\$1.75
110363	8" Temporary Pavement Striping Tape	LF	\$2.35
110364	Removal of Temporary Pavement Striping Tape- Any Width	LF	\$0.19
110365	Removal of Existing Pavement Markings - Any Width	LF	\$18.75
110366	Remove Existing Word Markings (Each Letter)	EA	\$12.50
110367	Remove Existing Stop Bars - 24"	LF	\$5.00
110368	Tubular Markers	EA	\$94.00
110369	Replacement of Tubular Marker Mast	EA	\$55.00
110370	Cones for Maintenance of Traffic	EA	\$20.00
110380	Temporary Concrete Single Face Traffic Barrier for Maintenance of Traffic	LF	\$20.00
110381	Temporary Precast Concrete Traffic Barrier for Maintenance of Traffic	LF	\$16.25
110382	Reset Temporary Concrete Barrier Single Face	LF	\$13.75
110383	Precast Temporary Concrete Traffic Barrier Transition Left Side	EA	\$5,000.00
110384	Precast Temporary Concrete Traffic Barrier Transition Right Side	EA	\$5,000.00
110385	Reset Temporary Precast Concrete Traffic Barrier for Maintenance of Traffic	LF	\$4.00
110386	Reflective Barrier Markers	EA	\$6.75
110387	Removal of Reflective Barrier Markers	EA	\$1.25
110388	Traffic Barrier W Beam for Maintenance of Traffic	LF	\$62.50
110389	Wooden Barricade for Pedestrian Control	LF	\$40.00
110390	Traffic Barrier W Beam Replacement for Maintenance of Traffic	LF	\$50.00
110391	Reset Traffic Barrier W Beam for Maintenance of Traffic	LF	\$37.50
110392	Type I Barricade for Maintenance of Traffic - 6' Length	EA	\$250.00
110393	Type II Barricade for Maintenance of Traffic - 6' Length	EA	\$265.00
110394	Type III Barricade for Maintenance of Traffic - 6' Length	EA	\$280.00
110395	Replace Type III Barricade for Maintenance of Traffic	EA	\$275.00
110400	Flagger	HR	\$15.65
110401	Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	\$350.00
110402	Replace Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traffic	BBL	\$331.25
110403	Vertical Panels	EA	\$61.25
110404	Warning Lights	EA	\$86.25
110405	Remove & Reset Temporary Crash Cushion Sand Filled Plastic Barrels for Maintenance of Traff	BBL	\$116.25
110406	Relocate Wood Sign Supports	EA	\$31.25
110407	Sign Modifications to Overhead Sign Structures	SF	\$12.50
110408	Relocate Sign	SF	\$31.25
110409	Remove Sign	SF	\$3.75

ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
110410	Remove and Relocate Existing Signs	SF	\$13.75
110411	Install or Remove Shield	EA	\$30.00
110412	Cover Sign	SF	\$2.50
110413	Relocate Sign Luminaires	EA	\$31.25
110414	Remove and Salvage Existing Sign	EA	\$125.00
110415	Temporary Orange Construction Fence	LF	\$2.00
110416	Remove & Reset Temporary Orange Construction Fence	LF	\$2.00
110417	Temporary Crash Cushion Telescoping Attenuator	EA	\$17,500.00
110418	Remove and Reset Temporary Crash Cushion Telescoping Attenuator	EA	\$1,875.00
110419	Temporary Crash Cushion Telescoping Attenuator Spare Parts Package	EA	\$8,750.00
110420	Water Filled Barrier for Maintenance of Traffic	LF	\$10.00
110421	Replacement Sections for Movable Type Concrete Barrier	EA	\$825.00
110422	Drums for Maintenance of Traffic	EA	\$62.50
110423	Replacement of Drums for Maintenance of Traffic	EA	\$77.50
110424	Temporary Movable Type Concrete Traffic Barrier	LF	\$16.50
110425	Portable Variable Message Sign	UD	\$135.00
110426	Protection Vehicle w/Truck Mounted Attenuator, Variable Message Sign & Intrusion Alarm	UD	\$750.00
110427	Truck Mounted Attenuator	UD	\$225.00
			+==+
110440	Temporary Type E Traffic Barrier End Treatment 3 Bays, Any Width	EA	\$5,200.00
110441	Temporary Type E Traffic Barrier End Treatment 4 Bays, Any Width	EA	\$5,800.00
110442	Temporary Type E Traffic Barrier End Treatment 6 Bays, Any Width	EA	\$16,000.00
110443	Temporary Type E Traffic Barrier End Treatment 8 Bays, Any Width	EA	\$20,000.00
110444	Temporary Type E Traffic Barrier End Treatment 9 Bays, Any Width	EA	\$25,000.00
110445	Remove & Reset Temporary Type E Traffic Barrier End Treatment, Any Bays, Any Width	EA	\$1,500.00
110446	Temporary Type E Traffic Barrier End Treatment 12 Bays, Up To 3 Feet Wide	EA	\$20,000.00
110447	Temporary Type J Traffic Barrier End Treatment 4 Cylinders	EA	\$12,000.00
110448	Temporary Type J Traffic Barrier End Treatment 9 Cylinders	EA	\$16,000.00
110449	Precast Temporary 32 inch F Shape Concrete Traffic Barrier Transition Left Side Approach	EA	\$8,000.00
110450	Precast Temporary 32 inch F Shape Concrete Traffic Barrier	LF	\$20.00
	EARTHWORK		
201000	Trim Existing Ditches	LF	\$7.00
201001	Class 1 Excavation	CY	\$7.00
201002	Class 1-A Excavation	CY	\$12.50
201003	Class 2 Excavation	CY	\$12.50
201004	Class 3 Excavation	CY	\$15.00
201005	Class 5 Excavation	CY	\$15.00
201006	Geosynthetic Stabilized Subgrade Using Graded Aggregate Base	CY	\$30.00
201007	Unclassified Excavation	CY	\$7.00
201008	Disposal of Petroleum Contaminated material	CY	\$70.00
201010	Select Borrow	CY	\$20.75
201011	Capping Borrow	CY	\$28.75
201012	Modified Borrow	CY	\$11.25
201013	Common Borrow	CY	\$8.75
201014	Tamped Fill	CY	\$30.00
201020	Test Pit Excavation	CY	\$75.00
201030	Settlement Plates (ea)	DY	\$5.00
201040	Dredging	CY	\$30.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
	PAVEMENT, STORM DRAIN & UTILITY REMOVAL		
210000	Removal of Existing Curb (Any Type)	LF	\$5.00
210001	Removal of Existing Combination Curb & Gutter	LF	\$5.00
210002	Remove Existing Asphalt Curb	LF	\$1.25
210003	Sawcut - 2" Deep	LF	\$2.50
210004	Sawcut - Full Depth	LF	\$5.00
210005	Remove Existing Bituminous Pavement	SY	\$7.50
210006	Remove Existing Sidewalk	SY	\$4.00
210007	Removal of Paved Ditches	SY	\$4.00
210008	Remove Existing Concrete Pavement	SY	\$10.00
210009	Remove Existing Masonry	CY	\$98.00
210010	Remove Existing Concrete Barrier (Any Type)	LF	\$13.75
210011	Remove Existing Manhole	EA	\$925.00
210100	Scarify Existing Asphalt Pavement	SY	\$5.50
210200	Stabilized Construction Entrance	TON	\$28.75
210201	Rehabilitate Stabilized Construction Entrance	TON	\$21.25
210202	Class 3 Excavation for Incidental Construction	CY	\$11.25
210300	Trench Backfill Using Select Borrow	CY	\$31.25
210301	Trench Backfill	CY	\$10.00
210302	Select Backfill Using No. 57 Aggregate	CY	\$28.75
210303	Select Backfill Using Graded Aggregate Subbase	CY	\$28.75
210304	Flowable Backfill for Utility Cuts	CY	\$65.00
210305	Select Backfill Using Crusher Run Aggregate CR-6	CY	\$28.75
210400	Removal of Existing Pipe	LF	\$20.50
210401	Re-laid Old Pipe Culverts (Any Size)	LF	\$33.75
210500	Mix 1 Concrete Miscellaneous Structures	CY	\$390.00
210501	Mix 2 Concrete Miscellaneous Structures	CY	\$485.00
210502	Brick Masonry Miscellaneous Structure	CY	\$500.00
210503	Mix 3 Concrete Miscellaneous Structures	CY	\$845.00
210504	Mix 6 Concrete Miscellaneous Structures	CY	\$235.00
210505	Clean Existing Pipe - Any Size	LF	\$10.00
210506	Clean Existing Inlets	EA	\$260.00
210507	Clean Existing Underdrain Outlets	EA	\$100.00
210508	Remove Existing Catch Basin, Manhole, Headwall	EA	\$687.50
210509	Abandon Existing Catch Basin or Manhole	EA	\$166.25
	STORM DRAIN CONSTRUCTION		
302000	12" RCCP Class III	LF	\$25.00
302001	15" RCCP Class III	LF	\$30.00
302002	18" RCCP Class III	LF	\$32.00
302003	21" RCCP Class III	LF	\$38.00
302004	24" RCCP Class III	LF	\$44.00
302005	27" RCCP Class III	LF	\$49.00
302006	30" RCCP Class III	LF	\$65.00
302007	33" RCCP Class III	LF	\$74.00
302008	36" RCCP Class III	LF	\$84.00
302009	42" RCCP Class III	LF	\$99.00
302010	48" RCCP Class III	LF	\$118.00
302011	54" RCCP Class III	LF	\$132.00
302012	60" RCCP Class III	LF	\$176.00
302013	66" RCCP Class III	LF	\$188.00
302014	72" RCCP Class III	LF	\$226.00
302015	78" RCCP Class III	LF	\$264.00
302016	84" RCCP Class III	LF	\$318.00
302017	90" RCCP Class III	LF	\$357.00
302018	96" RCCP Class III	LF	\$402.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
302100	12" RCCP Class IV	LF	\$27.00
302100	15" RCCP Class IV	LF	\$32.00
302102	18" RCCP Class IV	LF	\$36.00
302103	21" RCCP Class IV	LF	\$43.00
302104	24" RCCP Class IV	LF	\$48.00
302105	27" RCCP Class IV	LF	\$55.00
302106	30" RCCP Class IV	LF	\$72.00
302107	33" RCCP Class IV	LF	\$83.00
302108	36" RCCP Class IV	LF	\$95.00
302109	42" RCCP Class IV	LF	\$103.00
302110	48" RCCP Class IV	LF	\$122.00
302111	54" RCCP Class IV	LF	\$148.00
302112	60" RCCP Class IV	LF	\$180.00
302113	66" RCCP Class IV	LF	\$209.00
302114	72" RCCP Class IV	LF	\$237.00
302115	78" RCCP Class IV	LF	\$290.00
302116	84" RCCP Class IV	LF	\$348.00
302117	90" RCCP Class IV	LF	\$464.00
302118	96" RCCP Class IV	LF	\$521.00
302300	12" RCCP Class V	LF	\$28.00
302301	15" RCCP Class V	LF	\$34.00
302302	18" RCCP Class V	LF	\$38.00
302303	21" RCCP Class V	LF	\$44.00
302304	24" RCCP Class V	LF	\$52.00
302305	27" RCCP Class V	LF	\$56.00
302306	30" RCCP Class V	LF	\$75.00
302307	33" RCCP Class V	LF	\$86.00
302308	36" RCCP Class V	LF	\$96.00
302309	42" RCCP Class V	LF	\$108.00
302310	48" RCCP Class V	LF	\$129.00
302311	54" RCCP Class V	LF	\$155.00
302312	60" RCCP Class V	LF	\$188.00
302313 302314	66" RCCP Class V	LF LE	\$264.00 \$323.00
	72" RCCP Class V 78" RCCP Class V	LF	
302315 302316	84" RCCP Class V	LF LF	\$393.00 \$464.00
302310	90" RCCP Class V	LF LF	\$564.00
302317	96" RCCP Class V	LF LF	
302318	90 RCCF Class V	LF	\$577.00
303000	6" BCCMP - 16 gauge	LF	\$17.00
303001	12" BCCMP - 16 gauge	LF	\$34.00
303002	15" BCCMP - 16 gauge	LF	\$40.00
303003	18" BCCMP - 16 gauge	LF	\$47.00
303004	21" BCCMP - 16 gauge	LF	\$56.00
303005	24" BCCMP - 16 gauge	LF	\$65.00
303006	27" BCCMP - 16 gauge	LF	\$75.00
303007	30" BCCMP - 16 gauge	LF	\$80.00
303100	6" BCCMP - 14 gauge	LF	\$19.00
303101	12" BCCMP - 14 gauge	LF	\$22.00
303102	15" BCCMP - 14 gauge	LF	\$24.00
303103	18" BCCMP - 14 gauge	LF	\$54.00
303104	21" BCCMP - 14 gauge	LF	\$64.00
303105	24" BCCMP - 14 gauge	LF	\$73.00
303106	27" BCCMP - 14 gauge	LF	\$84.00
303107	30" BCCMP - 14 gauge	LF	\$90.00
303108	36" BCCMP - 14 gauge	LF	\$110.00
303109	42" BCCMP - 14 gauge	LF	\$129.00
303110	48" BCCMP - 14 gauge	LF	\$146.00
303111	54" BCCMP - 14 gauge	LF	\$164.00
303112	60" BCCMP - 14 gauge	LF	\$184.00

ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
304000	8" CMP Galvanized - 16 gauge	LF	\$12.00
304001	10" CMP Galvanized - 16 gauge	LF	\$13.00
304002	12" CMP Galvanized - 16 gauge	LF	\$17.00
304003	15" CMP Galvanized - 16 gauge	LF	\$20.00
304004	18" CMP Galvanized - 16 gauge	LF	\$25.00
304005	21" CMP Galvanized - 16 gauge	LF	\$27.00
304006	24" CMP Galvanized - 16 gauge	LF	\$45.00
304100	24" CMP Galvanized - 14 gauge	LF	\$32.00
304101	27" CMP Galvanized - 14 gauge	LF	\$38.00
304102	30" CMP Galvanized - 14 gauge	LF	\$45.00
304103	36" CMP Galvanized - 14 gauge	LF	\$75.00
304104	42" CMP Galvanized - 14 gauge	LF	\$90.00
304200	36" CMP Galvanized - 12 gauge	LF	\$72.00
304201	48" CMP Galvanized - 12 gauge	LF	\$101.00
304202	54" CMP Galvanized - 12 gauge	LF	\$110.00
304300	60" CMP Galvanized - 10 gauge	LF	\$155.00
304300	66" CMP Galvanized - 10 gauge	LF	\$155.00 \$164.00
304301	oo Civir Garvanized - 10 gauge	LI	\$104.00
304500	72" CMP Galvanized - 8 gauge	LF	\$172.00
305000	8" CMP Aluminized - 16 gauge	LF	\$14.00
305001	10" CMP Aluminized - 16 gauge	LF	\$18.00
305002	12" CMP Aluminized - 16 gauge	LF	\$22.00
305003	15" CMP Aluminized - 16 gauge	LF	\$25.00
305004	18" CMP Aluminized - 16 gauge	LF	\$30.00
305005	21" CMP Aluminized - 16 gauge	LF	\$33.00
305100	12" CMP Aluminized - 14 gauge	LF	\$28.00
305101	15" CMP Aluminized - 14 gauge	LF	\$30.00
305102	18" CMP Aluminized - 14 gauge	LF	\$35.00
305103	21" CMP Aluminized - 14 gauge	LF	\$38.00
305104	24" CMP Aluminized - 14 gauge	LF	\$40.00
305105	27" CMP Aluminized - 14 gauge	LF	\$45.00
305106	30" CMP Aluminized - 14 gauge	LF	\$55.00
305200	36" CMP Aluminized - 12 gauge	LF	\$63.00
305201	48" CMP Aluminized - 12 gauge	LF	\$93.00
305202	54" CMP Aluminized - 12 gauge	LF	\$108.00
305300	60" CMP Aluminized - 10 gauge	LF	\$125.00
305301	66" CMP Aluminized - 10 gauge	LF	\$140.00
303301	oo CMI Mammized - 10 gaage	Li	ψ140.00
305600	72" CMP Aluminized - 8 gauge	LF	\$160.00
306000	12" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$30.00
306001	15" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$35.00
306002	18" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$40.00
306003	24" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$45.00
306004	30" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$65.00
306005	36" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$85.00
306006	39" HDPE, Smooth Inside, Plastic Rigid Pipe	LF	\$105.00
307000	4" PVC Schedule 40 Rigid Pipe	LF	\$12.00
307001	6" PVC Schedule 40 Rigid Pipe	LF	\$13.00
307002	8" PVC Schedule 40 Rigid Pipe	LF	\$16.00
307003	10" PVC Schedule 40 Rigid Pipe	LF	\$25.00
307004	12" PVC Schedule 40 Rigid Pipe	LF	\$30.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
307100	Perforated 4" PVC Schedule 40 Rigid Pipe	LF	\$15.00
307101	Perforated 6" PVC Schedule 40 Rigid Pipe	LF	\$16.00
307102	Perforated 8" PVC Schedule 40 Rigid Pipe	LF	\$19.00
307103	Perforated 10" PVC Schedule 40 Rigid Pipe	LF	\$28.00
307104	Perforated 12" PVC Schedule 40 Rigid Pipe	LF	\$33.00
308000	14"x23" Horiz. Ellipt. RCCP Class HE III	LF	\$52.00
308001	19"x30" Horiz. Ellipt. RCCP Class HE III	LF	\$63.00
308002	22"x34" Horiz. Ellipt. RCCP Class HE III	LF	\$72.00
308003	24"x38" Horiz. Ellipt. RCCP Class HE III	LF	\$82.00
308004	27"x42" Horiz. Ellipt. RCCP Class HE III	LF	\$99.00
308005	29"x45" Horiz. Ellipt. RCCP Class HE III	LF	\$118.00
308006	32"x49" Horiz. Ellipt. RCCP Class HE III	LF	\$122.00
308007	34"x53" Horiz. Ellipt. RCCP Class HE III	LF	\$131.00
308008	38"x60" Horiz. Ellipt. RCCP Class HE III	LF	\$152.00
308009	43"x68" Horiz. Ellipt. RCCP Class HE III	LF	\$183.00
308010	48"x76" Horiz. Ellipt. RCCP Class HE III	LF	\$224.00
308011	53"x85" Horiz. Ellipt. RCCP Class HE III	LF	\$236.00
308012	58"x91" Horiz. Ellipt. RCCP Class HE III	LF	\$311.00
308013	63"x98" Horiz. Ellipt. RCCP Class HE III	LF	\$355.00
308014	68"x106" Horiz. Ellipt. RCCP Class HE III	LF	\$407.00
308015	72"x113" Horiz. Ellipt. RCCP Class HE III	LF	\$502.00
308016	77"x121" Horiz. Ellipt. RCCP Class HE III	LF	\$561.00
308017	82"x128" Horiz. Ellipt. RCCP Class HE III	LF	\$613.00
308018	87"x136" Horiz. Ellipt. RCCP Class HE III	LF	\$673.00
308100	14"x23" Horiz. Ellipt. RCCP Class HE IV	LF	\$57.00
308101	19"x30" Horiz. Ellipt. RCCP Class HE IV	LF	\$67.00
308102	22"x34" Horiz. Ellipt. RCCP Class HE IV	LF	\$77.00
308103	24"x38" Horiz. Ellipt. RCCP Class HE IV	LF	\$87.00
308104	27"x42" Horiz. Ellipt. RCCP Class HE IV	LF	\$105.00
308105	29"x45" Horiz. Ellipt. RCCP Class HE IV	LF	\$131.00
308106	32"x49" Horiz. Ellipt. RCCP Class HE IV	LF	\$134.00
308107	34"x53" Horiz. Ellipt. RCCP Class HE IV	LF	\$143.00
308108	38"x60" Horiz. Ellipt. RCCP Class HE IV	LF	\$162.00
308109	43"x68" Horiz. Ellipt. RCCP Class HE IV	LF	\$196.00
308110	48"x76" Horiz. Ellipt. RCCP Class HE IV	LF	\$241.00
308111	53"x85" Horiz. Ellipt. RCCP Class HE IV	LF	\$308.00
308112 308113	58"x91" Horiz. Ellipt. RCCP Class HE IV	LF LF	\$362.00 \$418.00
308113	63"x98" Horiz. Ellipt. RCCP Class HE IV 68"x106" Horiz. Ellipt. RCCP Class HE IV	LF	\$477.00
308115	72"x113" Horiz. Ellipt. RCCP Class HE IV	LF	\$584.00
308116	77"x121" Horiz. Ellipt. RCCP Class HE IV	LF	\$653.00
308117	82"x128" Horiz. Ellipt. RCCP Class HE IV	LF	\$713.00
308118	87"x136" Horiz. Ellipt. RCCP Class HE IV	LF	\$782.00
309000	15" DCCD ASTM C 261 Pubbar Casket Pine Class A 25	IE	\$55.00
309000	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25 18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF LF	
309001	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$60.00 \$65.00
309002	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$70.00
309004	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$75.00
309005	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$85.00
309006	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$90.00
309007	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$100.00
309008	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$130.00
309009	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$150.00
309010	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$175.00
309011	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$245.00
309012	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$265.00
309013	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class A-25	LF	\$295.00

ITEM CODE	DESCRIPTION	UNIT	UNIT COST
309100	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$60.00
309101	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$65.00
309102	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$70.00
309103	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$75.00
309104	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$80.00
309105	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$85.00
309106	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$90.00
309107	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$105.00
309108	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$130.00
309109 309110	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25 54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF LF	\$155.00 \$175.00
309110	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$250.00
309111	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$275.00
309113	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class B-25	LF	\$300.00
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309200	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$60.00
309201	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$65.00
309202	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$70.00
309203	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$75.00
309204	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$85.00
309205	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$90.00
309206	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$95.00
309207	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$105.00
309208	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$140.00
309209	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$170.00
309210	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$180.00
309211	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF	\$265.00
309212 309213	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25 72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class C-25	LF LF	\$285.00 \$325.00
309213	72 RCCF, ASTIN C-301, Rubber Gasket Fipe, Class C-23	LI	\$323.00
309300	15" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$60.00
309301	18" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$65.00
309302	21" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$70.00
309303	24" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$80.00
309304	27" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$85.00
309305	30" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$95.00
309306	33" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$100.00
309307	36" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$110.00
309308	42" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$145.00
309309	48" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$175.00
309310	54" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$195.00
309311	60" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$270.00
309312	66" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$300.00
309313	72" RCCP, ASTM C-361, Rubber Gasket Pipe, Class D-25	LF	\$335.00
310000	17" x 13" CSP Pipe Arch - 16 gauge	LF	\$28.00
310001	21" x 15" CSP Pipe Arch - 16 gauge	LF	\$34.00
310002	24" x 18" CSP Pipe Arch - 16 gauge	LF	\$42.00
310100	28" x 20" CSP Pipe Arch - 14 gauge	LF	\$48.00
310101	35" x 24" CSP Pipe Arch - 14 gauge	LF	\$60.00
310200	42" x 29" CSP Pipe Arch - 12 gauge	LF	\$103.00
310200	49" x 33" CSP Pipe Arch - 12 gauge	LF	\$112.00
310201	12 gauge		Ψ112.00
310300	57" x 38" CSP Pipe Arch - 10 gauge	LF	\$133.00
311000	17" x 13" CAP Pipe Arch - 16 gauge	LF	\$28.00
311001	21" x 15" CAP Pipe Arch - 16 gauge	LF	\$34.00
311002	24" x 18" CAP Pipe Arch - 16 gauge	LF	\$42.00
211100	20" 20" CAR R' - A 1 14	1.5	#40.00
311100	28" x 20" CAP Pipe Arch - 14 gauge	LF	\$48.00 \$60.00
311101	35" x 24" CAP Pipe Arch - 14 gauge	LF	\$60.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
311200	42" x 29" CAP Pipe Arch - 12 gauge	LF	\$103.00
311201	49" x 33" CAP Pipe Arch - 12 gauge	LF	\$112.00
311202	57" x 38" CAP Pipe Arch - 12 gauge	LF	\$133.00
212000			000.00
312000	17" x 13" CM Pipe Arch - Coated & Paved - 16 gauge	LF	\$38.00
312001	21" x 15" CM Pipe Arch - Coated & Paved - 16 gauge	LF	\$46.00
312100	28" x 20" CM Pipe Arch - Coated & Paved - 14 gauge	LF	\$64.00
312101	35" x 24" CM Pipe Arch - Coated & Paved - 14 gauge	LF	\$79.00
312200	42" x 29" CM Pipe Arch - Coated & Paved - 12 gauge	LF	\$127.00
312201	49" x 33" CM Pipe Arch - Coated & Paved - 12 gauge	LF	\$145.00
312202	57" x 38" CM Pipe Arch - Coated & Paved - 12 gauge	LF	\$169.00
313000	17" x 13" ALCM Pipe Arch - Coated & Paved - 16 gauge	LF	\$38.00
313001	21" x 15" ALCM Pipe Arch - Coated & Paved - 16 gauge	LF	\$46.00
313100	28" x 20" ALCM Pipe Arch - Coated & Paved - 14 gauge	LF	\$64.00
313101	35" x 24" ALCM Pipe Arch - Coated & Paved - 14 gauge	LF	\$79.00
212200	42" 20" ALCM Disc Appl. Control & Doved 12	IE	\$127.00
313200	42" x 29" ALCM Pipe Arch - Coated & Paved - 12 gauge 49" x 33" ALCM Pipe Arch - Coated & Paved - 12 gauge	LF LF	\$127.00
313201 313202	57" x 38" ALCM Pipe Arch - Coated & Paved - 12 gauge	LF LF	\$145.00 \$169.00
313202	37 × 30 ALCM Tipe Aich - Coaled & Laveu - 12 gauge	EI.	\$107.00
314000	8" BCMP Galvanized - 16 gauge	LF	\$15.00
314001	10" BCMP Galvanized - 16 gauge	LF	\$19.00
314002	12" BCMP Galvanized - 16 gauge	LF	\$24.00
314003	15" BCMP Galvanized - 16 gauge	LF	\$29.00
314004	18" BCMP Galvanized - 16 gauge	LF	\$34.00
314100	24" BCMP Galvanized - 14 gauge	LF	\$53.00
314101	30" BCMP Galvanized - 14 gauge	LF	\$64.00
	2. 2 2		40
214200	36" BCMP Galvanized - 12 gauge	LF	\$100.00
214201	48" BCMP Galvanized - 12 gauge	LF	\$130.00
21.4200	60" PCMD Columnized 10 gauge	LF	\$102.00
314300	60" BCMP Galvanized - 10 gauge	LF	\$193.00
314400	72" BCMP Galvanized - 8 gauge	LF	\$302.00

315000	8" BCMP Aluminized - 16 gauge	LF	\$15.00
315001	10" BCMP Aluminized - 16 gauge	LF	\$19.00
315002	12" BCMP Aluminized - 16 gauge	LF	\$24.00
315003 315004	15" BCMP Aluminized - 16 gauge 18" BCMP Aluminized - 16 gauge	LF LF	\$29.00 \$34.00
313004	18 BCMF Aluminized - 10 gauge	LI	\$34.00
315100	24" BCMP Aluminized - 14 gauge	LF	\$53.00
315101	30" BCMP Aluminized - 14 gauge	LF	\$64.00

315200	36" BCMP Aluminized - 12 gauge	LF	\$100.00
315201	48" BCMP Aluminized - 12 gauge	LF	\$130.00
315300	60" BCMP Aluminized - 10 gauge	LF	\$193.00
315400	72" BCMP Aluminized - 8 gauge	LF	\$302.00
320000	Standard A Headwall - 12" Pipe	EA	\$1,000.00
320000	Standard A Headwall - 12 Tipe Standard A Headwall - 15" Pipe	EA	\$1,000.00
320001	Standard A Headwall - 18" Pipe	EA	\$1,400.00
320003	Standard A Headwall - 21" Pipe	EA	\$1,500.00
320004	Standard A Headwall - 24" Pipe	EA	\$1,600.00
320005	Standard A Headwall - 27" Pipe	EA	\$1,700.00
320006	Standard A headwall - 30" Pipe	EA	\$2,400.00
320007	Standard A headwall - 33" Pipe	EA	\$3,125.00
320008	Standard A Headwall - 36" Pipe	EA	\$2,600.00
320009	Standard A Headwall - 42" Pipe	EA	\$3,200.00
320010	Standard A Headwall - 48" Pipe	EA	\$4,200.00
320011	Standard A Headwall - 54" Pipe	EA	\$5,400.00

ITEM CODE	EDESCRIPTION	UNIT	UNIT COST
320012	Standard A Headwall - 60" Pipe	EA	\$6,600.00
320013	Standard A Headwall - 66" Pipe	EA	\$7,600.00
320014	Standard A Headwall - 72" Pipe	EA	\$9,200.00
321000	Standard C Endwall - 12" Pipe	EA	\$500.00
321001	Standard C Endwall - 15" Pipe	EA	\$700.00
321002	Standard C Endwall - 18" Pipe	EA	\$800.00
321003	Standard C Endwall - 21" Pipe	EA	\$1,100.00
321004	Standard C Endwall - 24" Pipe	EA	\$1,300.00
321005	Standard C Endwall - 27" Pipe	EA	\$1,600.00
321006	Standard C Endwall - 30" Pipe	EA	\$1,800.00
321007	Standard C Endwall - 33" Pipe	EA	\$2,700.00
321008	Standard C Endwall - 36" Pipe	EA	\$3,500.00
321009	Standard C Endwall - 42" Pipe	EA	\$4,300.00
321010	Standard C Endwall - 48" Pipe	EA	\$5,100.00
321011	Standard C Endwall - 54" Pipe	EA	\$6,400.00
321012	Standard C Endwall - 60" Pipe	EA	\$7,400.00
322000	Standard C Headwall - 17" x 13" CMPA	EA	\$500.00
322001	Standard C Headwall - 21" x 15" CMPA	EA	\$700.00
322002	Standard C Headwall - 24" x 18" CMPA	EA	\$800.00
322003	Standard C Headwall - 28" x 20" CMPA	EA	\$900.00
322004	Standard C Headwall - 35" x 24" CMPA	EA	\$1,500.00
322005	Standard C Headwall - 42" x 29" CMPA	EA	\$1,600.00
322006	Standard C Headwall - 49" x 33" CMPA	EA	\$3,600.00
322007	Standard C Headwall - 57" x 38" CMPA	EA	\$3,500.00
322008	Standard C Headwall - 64" x 43" CMPA	EA	\$4,900.00
322009	Standard C Headwall - 71" x 47" CMPA	EA	\$5,000.00
323000	Standard E Headwall - 12" Pipe	EA	\$700.00
323001	Standard E Headwall - 15" Pipe	EA	\$800.00
323002	Standard E Headwall - 18" Pipe	EA	\$1,000.00
323003	Standard E Headwall - 21" Pipe	EA	\$1,300.00
323004	Standard E Headwall - 24" Pipe	EA	\$1,500.00
323005	Standard E Headwall - 27" Pipe	EA	\$1,900.00
323006	Standard E Headwall - 30" Pipe	EA	\$2,200.00
323007	Standard E Headwall - 33" Pipe	EA	\$3,300.00
323008	Standard E Headwall - 36" Pipe	EA	\$4,200.00
323009	Standard E Headwall - 42" Pipe	EA	\$5,200.00
323010	Standard E Headwall - 48" Pipe	EA	\$6,200.00
323011	Standard E Headwall - 54" Pipe	EA	\$7,600.00
323012	Standard E Headwall - 60" Pipe	EA	\$8,900.00
324000	Standard E Headwall - 13" x 11" CMPA	EA	\$590.00
324001	Standard E Headwall - 17" x 13" CMPA	EA	\$600.00
324002	Standard E Headwall - 21" x 15" CMPA	EA	\$1,100.00
324003	Standard E Headwall - 24" x 18" CMPA	EA	\$1,200.00
324004	Standard E Headwall - 28" x 20" CMPA	EA	\$1,300.00
324005	Standard E Headwall - 35" x 24" CMPA	EA	\$2,000.00
324006	Standard E Headwall - 42" x 29" CMPA	EA	\$2,100.00
324007	Standard E Headwall - 49" x 33" CMPA	EA	\$4,700.00
324008	Standard E Headwall - 57" x 38" CMPA	EA	\$4,800.00
324009	Standard E Headwall - 64" x 43" CMPA	EA	\$6,600.00
324010	Standard E Headwall - 71" x 47" CMPA	EA	\$6,700.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
325000	Standard O Headwall - 18" Pipe	EA	\$800.00
325001	Standard O Headwall - 21" Pipe	EA	\$1,000.00
325002	Standard O Headwall - 24" Pipe	EA	\$1,200.00
325003	Standard O Headwall - 27" Pipe	EA	\$1,300.00
325004	Standard O Headwall - 30" Pipe	EA	\$1,500.00
325005	Standard O Headwall - 36" Pipe	EA	\$2,200.00
325006	Standard O Headwall - 42" Pipe	EA	\$2,800.00
325007	Standard O Headwall - 48" Pipe	EA	\$3,500.00
325008	Standard O Headwall - 54" Pipe	EA	\$4,100.00
325009	Standard O Headwall - 60" Pipe	EA	\$5,000.00
325010	Standard O Headwall - 66" Pipe	EA EA	\$5,800.00 \$6,800.00
325011	Standard O Headwall - 72" Pipe	EA	\$0,800.00
326000	Standard O Headwall - 14" x 23" HERCCP	EA	\$700.00
326001	Standard O Headwall - 19" x 30" HERCCP	EA	\$1,000.00
326002	Standard O Headwall - 22" x 34" HERCCP	EA	\$1,200.00
326003	Standard O Headwall - 24" x 38" HERCCP	EA	\$1,400.00
326004	Standard O headwall - 27" x 42" HERCCP	EA	\$1,600.00
326005	Standard O Headwall - 29" x 45" HERCCP	EA	\$1,800.00
326006	Standard O Headwall - 34" x 53" HERCCP	EA	\$2,300.00
326007	Standard O Headwall - 38" x 60" HERCCP	EA	\$2,800.00
326008	Standard O Headwall - 43" x 68" HERCCP	EA	\$3,500.00
330000	12" HDPE End Section	EA	\$315.00
330001	15" HDPE End Section	EA	\$355.00
330002	18" HDPE End Section	EA	\$405.00
330003	24" HDPE End Section	EA	\$470.00
330004	30" HDPE End Section	EA	\$770.00
330005	36" HDPE End Section	EA	\$1,065.00
330006	39" HDPE End Section	EA	\$1,250.00
340000	Concrete End Section 12" RCCP	EA	\$325.00
340001	Concrete End Section 15" RCCP	EA	\$375.00
340002	Concrete End Section 18" RCCP	EA	\$400.00
340003	Concrete End Section 21" RCCP	EA	\$440.00
340004	Concrete End Section 24" RCCP	EA	\$530.00
340005	Concrete End Section 27" RCCP	EA	\$600.00
340006	Concrete End Section 30" RCCP	EA	\$700.00
340007	Concrete End Section 33" RCCP	EA	\$975.00
340008	Concrete End Section 36" RCCP	EA	\$1,000.00
340009	Concrete End Section 42" RCCP	EA	\$1,300.00
340010	Concrete End Section 48" RCCP	EA	\$1,700.00
340011	Concrete End Section 54" RCCP	EA	\$1,900.00
340012	Concrete End Section 60" RCCP	EA	\$2,300.00
340013	Concrete End Section 66" RCCP	EA	\$2,800.00
340014	Concrete End Section 72" RCCP	EA	\$3,200.00
341000	Concrete End Section - 14" x 23" HERCCP	EA	\$350.00
341001	Concrete End Section - 19" x 30" HERCCP	EA	\$450.00
341002	Concrete End Section - 22" x 34" HERCCP	EA	\$500.00
341003	Concrete End Section - 24" x 38" HERCCP	EA	\$550.00
341004	Concrete End Section - 27" x 42" HERCCP	EA	\$850.00
341005	Concrete End Section - 29" x 45" HERCCP	EA	\$1,200.00
341006	Concrete End Section - 32" x 49" HERCCP	EA	\$1,300.00
341007	Concrete End Section - 34" x 53" HERCCP	EA	\$1,400.00
341008	Concrete End Section - 38" x 60" HERCCP	EA	\$1,700.00
341009	Concrete End Section - 43" x 68" HERCCP	EA	\$2,100.00
341010	Concrete End Section - 48" x 76" HERCCP	EA	\$2,500.00
350000	End Section 12" CMP	EA	\$290.00
350001	End Section 15" CMP	EA	\$375.00
350002	End Section 18" CMP	EA	\$405.00
350003	End Section 21" CMP	EA	\$430.00
350004	End Section 24" CMP	EA	\$475.00
350005	End Section 27" CMP	EA	\$550.00
350006	End Section 30" CMP	EA	\$625.00
350007	End Section 33" CMP	EA	\$740.00
350008	End Section 36" CMP	EA	\$1,100.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
350009	End Section 42" CMP	EA	\$1,300.00
350010	End Section 48" CMP	EA	\$1,600.00
350011	End Section 54" CMP	EA	\$2,000.00
350012	End Section 60" CMP	EA	\$2,300.00
350013	End Section 66" CMP	EA	\$2,400.00
350014	End Section 72" CMP	EA	\$2,500.00
350015	End Section 78" CMP	EA	\$3,200.00
350016	End Section 84" CMP	EA	\$3,800.00
251000	End Section 17" v 12" CMDA	EΛ	\$150.00
351000 351001	End Section 17" x 13" CMPA End Section 21" x 15" CMPA	EA EA	\$150.00
351001	End Section 24" x 18" CMPA	EA	\$200.00 \$145.00
351002	End Section 24" x 16" CMPA End Section 28" x 20" CMPA	EA	\$325.00
351003	End Section 35" x 24" CMPA	EA	\$405.00
351005	End Section 42" x 29" CMPA	EA	\$525.00
351005	End Section 42" x 23" CMPA End Section 49" x 33" CMPA	EA	\$625.00
351007	End Section 57" x 38" CMPA	EA	\$700.00
351007	End Section 64" x 43" CMPA	EA	\$750.00
351009	End Section 71" x 47" CMPA	EA	\$825.00
351010	End Section 77" x 52" CMPA	EA	\$875.00
351011	End Section 83" x 57" CMPA	EA	\$950.00
360000	Single WR Inlet	EA	\$1,750.00
360001	Single WR Inlet - Vertical Depth Exceeds 4 ft.	VF	\$160.00
360002	Standard WR Inlet	EA	\$2,450.00
360003	Standard WR Inlet - Vertical Depth Exceeds 4 ft.	VF	\$160.00
360004	Precast Single WR Inlet	EA	\$1,700.00
360005	Precast Single WR Inlet - Vertical Depth Exceeds 4 ft.	VF	\$250.00
360006	Precast WR Inlet	EA	\$3,100.00
360007	Precast WR Inlet - Vertical Depth Exceeds 4 ft.	VF	\$175.00
360008	Precast NR Inlet	EA	\$1,750.00
360009	Precast NR Inlet - Vertical Depth Exceeds 4 ft.	VF	\$160.00
360010	Standard WRM Inlet	EA	\$3,750.00
360011	Standard WRM Inlet - Vertical Depth Exceeds 4 ft.	VF	\$200.00
361000	Standard 5' COG Inlet	EA	\$2,750.00
361001	Standard 5' COG - Vertical Depth Exceeds 6 ft.	VF	\$210.00
361002	Standard 10' COG Inlet	EA	\$4,125.00
361003	Standard 10' COG - Vertical Depth Exceeds 6 ft.	VF	\$220.00
361004	Standard 15' COG Inlet	EA	\$5,500.00
361005	Standard 15' COG - Vertical Depth Exceeds 6 ft.	VF	\$250.00
361006	Standard 20' COG Inlet	EA	\$6,200.00
361007	Standard 20' COG - Vertical Depth Exceeds 6 ft.	VF	\$250.00
362000	Standard 5' COS Inlet	EA	\$2,750.00
362001	Standard 5 COS met Standard 5 COS - Vertical Depth Exceeds 6 ft.	VF	\$2,730.00
362001	Standard 10' COS Inlet	EA	\$4,125.00
362002	Standard 10 COS - Nertical Depth Exceeds 6 ft.	VF	\$220.00
362004	Standard 15' COS Inlet	EA	\$5,500.00
362005	Standard 15' COS - Vertical Depth Exceeds 6 ft.	VF	\$250.00
362006	Standard 20' COS Inlet	EA	\$6,200.00
362007	Standard 20 COS - Nertical Depth Exceeds 6 ft.	VF	\$250.00
		• •	#200.00
363000	A-5	EA	\$2,300.00
363001	Precast Standard A-5 Inlet	EA	\$1,900.00
363002	A-10	EA	\$3,600.00
363003	Precast Standard A-10 Inlet	EA	\$3,200.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
364000	Type "C" Inlet	EA	\$2,750.00
364001	Type "C" Inlet - Vertical Depth Exceeds 4 ft.	VF	\$210.00
364002	Type "D" Inlet	EA	\$1,750.00
364003	Type "D" Inlet - Vertical Depth Exceeds 4 ft.	VF	\$160.00
364004	Precast Standard Type "D" Inlet	EA	\$1,150.00
364005	Type "E" Inlet Type "E" Inlet Vertical Death Exceeds 4 ft	EA	\$3,000.00
364006 364007	Type "E" Inlet - Vertical Depth Exceeds 4 ft.	VF EA	\$160.00 \$3.750.00
364007	Type "E" Combination Inlet Type "E" Combination Inlet - Vertical Depth Exceeds 4 ft.	VF	\$3,750.00 \$160.00
364009	Type "J" Inlet	EA	\$2,400.00
364010	Type "J" Inlet - Vertical Depth Exceeds 4 ft.	VF	\$310.00
364011	Type "K" Inlet	EA	\$2,200.00
364012	Type "K" Inlet - Vertical Depth Exceeds 4 ft.	VF	\$160.00
364013	Type "S" Combination Inlet	EA	\$1,900.00
364014	Type "S" Combination Inlet - Vertical Depth Exceeds 4 ft.	VF	\$160.00
364015	Type Single - "S"	EA	\$2,600.00
364016	Type Single "S" - Vertical Depth Exceeds 4 ft.	VF	\$160.00
364017	Type Double - "S"	EA	\$3,200.00
364018	Type Double "S" - Vertical Depth Exceeds 4 ft.	VF	\$190.00
364019 364020	Double Type "S" Combination Inlet (Parallel to Curb) Double Type "S" Combination Inlet (Normal to Curb)	EA EA	\$2,300.00 \$2,300.00
364021	Double Type "S" Combination - Vertical Depth Exceeds 4 ft.	VF	\$190.00
364022	Yard Inlet	EA	\$1,800.00
364023	Yard Inlet - Vertical Depth Exceeds 4 ft.	VF	\$230.00
364024	Precast Open End Grate	EA	\$1,250.00
365000	Adjust Existing Inlet	EA	\$600.00
365001	Reconstruct Existing Inlet	EA	\$2,000.00
270000	F. 11 Constant 15 1/2 27 1	Ε.Δ	#225 OO
370000 370001	Field Connection - 15" to 27" Field Connection - 15" to 30"	EA EA	\$325.00
370001	Field Connection - 15" to 33"	EA	\$350.00 \$375.00
370002	Field Connection - 15" to 36"	EA	\$400.00
370004	Field Connection - 15" to 42"	EA	\$450.00
370005	Field Connection - 15" to 48"	EA	\$500.00
370006	Field Connection - 15" to 54"	EA	\$550.00
370007	Field Connection - 15" to 60"	EA	\$600.00
370008	Field Connection - 18" to 60"	EA	\$650.00
370009	Field Connection - 24" to 60"	EA	\$700.00
370010	Field Connection - 27" to 60"	EA	\$750.00
370011	Field Connection - 30" to 48"	EA	\$750.00
370012	Field Connection - 30" to 60"	EA	\$750.00
380000	Type A-Manhole - (Brick) 4' Diameter	EA	\$2,600.00
380001	Type A-Manhole - (Brick) 5' Diameter	EA	\$2,800.00
380002	Type A-Manhole - (Brick) 6' Diameter	EA	\$3,600.00
380003	Type A-Manhole - (Brick) 4' Diameter Offset	EA	\$3,200.00
380004	Type B-Manhole (Shallow Brick) - 4' Diameter	EA	\$2,300.00
380005	Type C-Manhole (Precast) - 4' Diameter (12" - 24" Pipes)	EA	\$2,000.00
380006	Type C-Manhole (Precast) - 4' Diameter - Vertical Depth Exceeds 8'	VF	\$150.00
380007	Type C-Manhole (Precast) - 5' Diameter (27" - 36" Pipes) Type C-Manhole (Precast) - 5' Diameter - Vertical Depth Exceeds 8'	EA	\$3,300.00
380008 380009	Type C-Manhole (Precast) - 5 Diameter - vertical Depth Exceeds 8 Type C-Manhole (Precast) - 6 Diameter (42" - 48" Pipes)	VF EA	\$200.00 \$5,000.00
380010	Type C-Manhole (Precast) - 6' Diameter - Vertical Depth Exceeds 8'	VF	\$300.00
380011	Type C-Manhole (Precast) - 7' Diameter (54" - 60" Pipes)	EA	\$7,200.00
380012	Type C-Manhole (Precast) - 7' Diameter - Vertical Depth Exceeds 8'	VF	\$400.00
380013	Type C-Manhole (Precast) - 8' Diameter (72" - 84" Pipes)	EA	\$9,375.00
380014	Type C-Manhole (Precast) - 8' Diameter - Vertical Depth Exceeds 8'	VF	\$500.00
380015	Type C-Manhole (Precast) - 10' Diameter (90" - 96" Pipes)	EA	\$12,500.00
380016	Type C-Manhole (Precast) - 10' Diameter - Vertical Depth Exceeds 8'	VF	\$600.00
380017	Type C-Manhole (Precast Shallow) - 4' Diameter	EA	\$2,600.00
380018	Type C-Manhole (Precast Shallow) - 5' Diameter	EA	\$3,200.00
380019 380020	Manhole Cover Manhole Steps	EA EA	\$1,000.00 \$25.00
300020		LA	φ23.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
390000	Subgrade Trench Drains	LF	\$9.00
391000	4" Perforated Circular Pipe Underdrain	LF	\$6.50
391001	6" Perforated Circular Pipe Underdrain	LF	\$7.50
391002	6" Perforated Circular Pipe Underdrain	LF	\$9.00
391003	8" Perforated Circular Pipe Underdrain	LF	\$10.00
391004	4" Circular Pipe Underdrain Outlets	LF	\$9.00
391005	6" Circular Pipe Underdrain Outlets	LF	\$12.50
391006	8" Circular Pipe Underdrain Outlets	LF	\$21.50
391007	Aggregate Backfill for Underdrains	CY	\$28.00
391008	Geotextile for Underdrains	SY	\$5.00
392000	4" PVC Pipe Schedule 80	LF	\$12.50
392001	6" PVC Pipe Schedule 80	LF	\$25.00
392002	4" Perforated PVC Pipe Schedule 80	LF	\$15.00
392003	6" Perforated PVC Pipe Schedule 80	LF	\$45.00
272002	o Tonoraled I vo Tipe Bonedate of		Ψ.5.00
	SEDIMENT & EROSION CONTROL		
393000	Temporary Slope Drain - 12" Pipe	LF	\$14.00
393001	Temporary Slope Drain - 18" Pipe	LF	\$18.00
393002	Temporary Slope Drain - 24" Pipe	LF	\$32.00
393003	Temporary Slope Drain - 30" Pipe	LF	\$45.00
393004	Remove & Reset Temporary Slope Drain - 12" Pipe	LF	\$9.00
393005	Remove & Reset Temporary Slope Drain - 18" Pipe	LF	\$8.00
393006	Remove & Reset Temporary Slope Drain - 24" Pipe	LF	\$6.00
393007	Remove & Reset Temporary Slope Drain - 30" Pipe	LF	\$5.00
393008	Erosion & Sediment Control Original Excavation	CY	\$9.00
393009	Erosion & Sediment Control Cleanout Excavation	CY	\$7.00
393010	Earth Dike	LF	\$4.00
393011	Perimeter Dike/Swale	LF	\$4.00
393012	Inlet Protection	EA	\$200.00
393013	Diversion Dike	LF	\$4.00
393014	Straw Bales	LF	\$4.00
393015	Placed Rip-Rap for Sediment Control	TON	\$40.00
	STORM DRAIN OUTFALL STABILIZATION		****
400000	Gabions - 6' x 3' x 1' Basket (Stone, Basket, Filter Cloth)	EA	\$180.00
400001	Gabions - 6' x 3' x 1.5' Basket (Stone, Basket, Filter Cloth)	EA	\$240.00
400002	Gabions - 6' x 3' x 3' Basket (Stone, Basket, Filter Cloth)	EA	\$360.00
400003	Gabions - 9' x 3' x 3' Basket (Stone, Basket, Filter Cloth)	EA	\$460.00
400004	Gabions - 9' x 6' x .75' Basket (Stone, Basket, Filter Cloth)	EA	\$360.00
400005	Gabions - 12' x 3' x 1' Basket (Stone, Basket, Filter Cloth)	EA	\$310.00
400006	Gabions - 12' x 3' x 3' Basket (Stone, Basket, Filter Cloth)	EA	\$680.00
400007	Gabions - 12' x 6' x .75' Basket (Stone, Basket, Filter Cloth)	EA	\$450.00
400100	MSHA Class 0 Ungrouted Rip-rap	SY	\$60.00
400101	MSHA Class 1 Ungrouted Rip-rap	SY	\$90.00
400102	MSHA Class 2 Ungrouted Rip-rap	SY	\$100.00
400103	MSHA Class 3 Ungrouted Rip-rap	SY	\$120.00
400200	No. 2 Stone (3/4" - 1-1/2")	CY	\$40.00
400300	Geotextile Class "C" - Filter Cloth or Blanket	SY	\$9.00
400301	Geotextile Class "F" - Slope Silt Fence	LF	\$1.50
400302	Geotextile Class "F" - Channel Silt Fence	LF	\$2.00
400303	Remove & Reset Geotextile Class "F" Silt Fence	LF	\$1.50
400304	Super Silt Fence	LF	\$8.00
400305	Orange Safety Fence	LF	\$3.00
	RETAINING & NOISE WALLS		
450000	Concrete Retaining Wall - 6' high, 33 deg. surcharge	LF	\$400.00
450001	Concrete Retaining Wall - 8' high, 33 deg. surcharge	LF	\$500.00
450002	Concrete Retaining Wall - 10' high, 33 deg. surcharge	LF	\$600.00
450003	Concrete Retaining Wall - 20' high, 500 lbs. per LF surcharge	LF	\$1,600.00

45110 CMU Rentining Wolf (0" Thick - Rentoreach Excluding Fronting) SF \$3.00 451102 CMU Rentining Wolf (10" Thick - Rentoreach Excluding Fronting) SF \$3.00 45102 CMU Rentining Wolf (10" Thick - Reinforced, Excluding Fronting) SF \$3.00 45102 CMU Rentining Wolf (10" Thick - Reinforced, Excluding Fronting) SF \$3.00 45102 Cmu Rentining Wolf (10" Thick - Reinforced, Excluding Fronting) SF \$3.00 452020 Timber Rentining Wolf (12" Thick - Reinforced, Excluding Fronting) SF \$3.00 453020 GeneField Block Retaining Wolfs (Excluding Fronting) SF \$3.00 453020 CeneField Block Retaining Wolfs (Excluding Fronting) SF \$3.00 453020 Solice Barrier System Height Up To 2" SF \$14.00 453020 STREET CONSTRUCTION & PAVEMENT MARKINGS 500000 STREET CONSTRUCTION & PAVEMENT MARKINGS SF \$1.25 500000 CR of Base Curuse Graded Aggregate (GAB) Nisyy \$1.50 500000 STREET CONSTRUCTION & PAVEMENT MARKINGS In Fig. 1.50 500000 Fig. 10 Excluding Fronting Marking Ma	ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
450101 CMU Retaining Wall (3" Thick - Reinforced, Excluding Footing) SF \$10.00 450103 CMU Retaining Wall (12" Thick - Reinforced, Excluding Footing) SF \$11.00 450103 CMU Retaining Wall (12" Thick - Reinforced, Excluding Footing) SF \$11.00 450200 Timber Retaining Wall (12" Thick - Reinforced, Excluding Footing) SF \$20.00 450300 GeoGrid Block Retaining Walls (Excluding Footing) SF \$20.00 450400 Noise Barrier System Height Up To 24" SF \$14.00 450401 Noise Barrier System Height Up To 24" SF \$14.00 450401 Noise Naise Wall Height Up To 8" SF \$15.00 500001 Cravel Base Course Graded Aggregate (GAB) INSY \$1.50 500001 Cravel Base Course Graded Aggregate (GAB) INSY \$1.50 500001 Cravel Base Course Graded Aggregate (GAB) INSY \$1.50 500001 Exclusive Graded Aggregate (GAB) INSY \$1.50 500001 Exclusive Graded Aggregate (GAB) INSY \$1.50 500001 Exclusive Graded Aggregate (GAB) INSY \$1.50 500000 Rull Easting Aphali - 0" to 2" Deep SY \$1.00 500000 Rull Easting Aphali - 0" to 2" Deep SY \$1.00 500000 Rull Easting Aphali - 0" to 2" Deep SY \$1.00 500000 Rull Assprative Base INSY \$2.50 500000 Pi-1 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.20 500000 Pi-1 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.20 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 3 to ≤ (Min. HAM aw GAB) SY \$3.50 500001 Pi-2 Paving Section - CBR 5 to < (Min. HAM aw GAB) SY \$3.50	450100	CMU Poteining Well (6" Thick Painforced Evoluting Footing)	ÇE	\$7.00
450102 CMU Rentaining Wall (10" Thick - Reinforced, Excluding Footing) SF \$10.00				
450200 Timber Retaining Wall (12" Thick - Reinforced, Excluding Footing) SF \$10.00				
450200 Timber Retaining Walls (Excluding Footing) SF \$20.00 450400 Noise Barrier System Height Up To 24* SF \$14.00 450401 Wooden Noise Wall Height Up To 24* SF \$14.00 450401 Wooden Noise Wall Height Up To 8* SF \$12.50 STREET CONSTRUCTION & PAVEMENT MARKINGS STREET CONSTRUCTION & PAVEMENT MARKINGS 500000 CR-6-Base Course Graded Agregate (GAB) IN/SY \$1.50 500000 CR-6-Base Course Graded Agregate (GAB) IN/SY \$1.50 500000 CR-6-Base Course IN/SY \$1.50 500000 Full Depth Sawcut LF \$4.00 500000 Full Depth Sawcut LF \$6.00 500000 Full Depth Sawcut LF \$6.00 500000 Full Depth Sawcut LF \$6.00 500000 HubA SuperPave Intermediate IN/SY \$3.50 500000 HubA SuperPave Intermediate IN/SY \$3.50 500000 HubA SuperPave Intermediate IN/SY \$3.50 500000 Full Depth Surface Treatment IN/SY \$3.50 500000 P-1 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.20 500100 P-2 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.20 500100 P-2 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.20 500100 P-2 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500101 P-2 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500101 P-2 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500101 P-2 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500102 P-3 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500103 P-4 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500104 P-5 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500107 P-8 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500108 P-7 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500109 P-7 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500100 P-7 Paving Section - CBB 3 to ≤ (Min. IBMA w/ GAB) SY \$3.50 500100 P-7 Paving Section - CBB				
450300 GeoGrid Block Retaining Walls (Excluding Footing) SF \$20.00 450401 Noise Barrier System Height Up To 24* SF \$14.00 450401 Wooden Noise Wall Height Up To 24* SF \$12.50 STREET CONSTRUCTION & PAVEMENT MARKINGS 500000 CR-6 Base Course Groded Aggregate (GAB) IN/SY \$1.50 500000 CR-6 Base Course Groded Aggregate (GAB) IN/SY \$1.50 500000 CR-6 Base Course Groded Aggregate (GAB) IN/SY \$1.50 500000 CR-6 Base Course Groded Aggregate (GAB) IN/SY \$1.50 500000 Full Depth Sawcut LF \$6.00 500000 Full Depth Sawcut LF \$6.00 500000 Hull Esting Asphalt -0* to 2** Deep SY \$10.00 500000 Rubberized Crack Soeler GAL \$28.00 500000 Hull AS SuperPave Butermediate IN/SY \$3.50 500000 Hull AS SuperPave Base IN/SY \$3.50 500000 P.1 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$2.00 500100 P.1 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.20 500100 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.20 500100 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 3 to 5 (Min. HMA w/ GAB) SY \$3.50 500101 P.2 Paving Section - CBR 5 to 7 (Min. HMA w/ GAB) SY				
Section	450200	Timber Retaining Wall - 3' high	LF	\$45.00
STREET CONSTRUCTION & PAVEMENT MARKINGS	450300	GeoGrid Block Retaining Walls (Excluding Footing)	SF	\$20.00
STREET CONSTRUCTION & PAVEMENT MARKINGS 500000 Gravel Base Course Graded Aggregate (GAB) IN/SY \$2.00	450400	Noise Barrier System Height Up To 24'	SF	\$14.00
500000 Gravel Base Course Graded Aggregate (GAB) INSY \$3.20 500001 Cze. 6 Base Course I.F \$4.00 500002 2" Sawcut I.F \$4.00 500003 Full Depth Sawcut I.F \$5.00 500008 Rulbertzed Crack Scaler GAI. \$28.00 500008 Rubbertzed Crack Scaler IRS Y \$10.00 500009 HMA SuperPave Intermediate INSY \$3.20 500009 Chil MA SuperPave Base INSY \$3.20 500009 Chil MA SuperPave Base INSY \$3.20 500000 P.I Paving Section - CBR 3 to <5 (Min. HMA w (GAB)	450401	Wooden Noise Wall Height Up To 8'	SF	\$12.50
500000 Gravel Base Course Graded Aggregate (GAB) INSY \$3.20 500001 Cze. 6 Base Course I.F \$4.00 500002 2" Sawcut I.F \$4.00 500003 Full Depth Sawcut I.F \$5.00 500008 Rulbertzed Crack Scaler GAI. \$28.00 500008 Rubbertzed Crack Scaler IRS Y \$10.00 500009 HMA SuperPave Intermediate INSY \$3.20 500009 Chil MA SuperPave Base INSY \$3.20 500009 Chil MA SuperPave Base INSY \$3.20 500000 P.I Paving Section - CBR 3 to <5 (Min. HMA w (GAB)				
500010 CR-6 Base Course I.F \$40.0 500002 2° Sawcut I.F \$6.00 500003 Full Depth Sawcut I.F \$6.00 500004 Mill Existing Asphalt - 0° to 2° Deep SY \$10.00 500006 Rubbertzed Crack Sealer GAL \$23.00 500006 HMA SuperPaw Base IN/SY \$3.50 500008 HMA SuperPaw Base IN/SY \$3.25 500009 Full Spatial Section - CBR 3 to <5 (Min. HMA w (GAB)		STREET CONSTRUCTION & PAVEMENT MARKINGS		
500002 2" Saveut LF \$4.00 500003 Full Depth Saveut LF \$5.00 500003 Rubbertzed Crack Sealer GAL \$28.00 500006 HMA SuperPave Intermediate IN/SY \$3.00 500007 HMA SuperPave Base IN/SY \$3.50 500008 HMA SuperPave Base IN/SY \$3.20 500009 Chip Seal Double Surface Treatmen IN/SY \$3.20 500100 P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)				
500003 Full Depth Saveur LF \$.60 500004 Bill Existing Asphalt -0" to 2" Deep SY \$10.00 500005 Rubberized Crack Sealer GAL \$28.00 500006 HMA SuperPave Brad Surface IN/SY \$3.50 500008 HMA SuperPave Base IN/SY \$3.25 500009 Chip Seal Double Surface Treatment IN/SY \$3.20 500100 P-1 Paving Section - CBR 3 to <5 (Min. HMA w (GAB)				
500004 Mill Existing Asphalt - 0" to 2" Deep SY \$10.00 500005 Bubberized Crick Scaler GAL \$28.00 500006 HMA SuperPave Intermediate IN/SY \$3.50 500008 HMA SuperPave Base IN/SY \$3.25 500009 Chip Scal Double Surface Treatment IN/SY \$2.20 500100 P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)				
500005 Rubbertzed Crack Sealer GAL \$22,00 500006 HMA SuperPave Intermediate IN/SY \$3,30 500008 HMA SuperPave Intermediate IN/SY \$3,25 500009 Chip Seal Double Surface Treatment IN/SY \$2,20 500100 P-1 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$29,50 500101 P-2 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$32,00 500101 P-2 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$32,00 500102 P-3 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$32,50 500104 P-5 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56,50 500105 P-6 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36,50 500106 P-7 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB) SY \$36,50 500107 P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB) SY \$36,50 500201 P-1 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB) SY \$31,25 500202 P-3 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB) SY <td></td> <td>·</td> <td></td> <td></td>		·		
500006 HMA SuperPave Final Surface IN/SY \$4.00 500007 HMA SuperPave Base IN/SY \$3.25 500009 Chip Seal Double Surface Treatment IN/SY \$3.25 500009 Chip Seal Double Surface Treatment IN/SY \$3.25 500100 P-1 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$29.50 500101 P-2 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$39.25 500103 P-4 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$55.00 500104 P-5 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.00 500105 P-6 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$65.00 500106 P-6 Paving Section - CBR 5 to ≤ (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 5 to < (Min. HMA w/ GAB)		T 1		
500007 HMA SuperPave Intermediate IN/SY \$3.50 500008 HMA SuperPave Base IN/SY \$3.25 500009 Chip Seal Double Surface Treatment IN/SY \$2.00 500100 P-1 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$32.00 500101 P-2 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$32.05 500103 P-3 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$54.00 500104 P-5 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.00 500105 P-6 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.50 500106 P-7 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)				
500008 IMAA SuperPave Base IN/SY \$3.25 500009 Chip Seal Double Surface Treatment IN/SY \$2.90 500100 P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)		•		
500009 Chip Seal Double Surface Treatment IN/SY \$2.00 500100 P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)		*		
500100 P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB) SY \$29.50 500101 P-2 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)		•		
500101 P-2 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$39.25 500102 P-3 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$59.25 500103 P-4 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.50 500104 P-5 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.50 500106 P-7 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500009	Chip Seal Double Surface Treatment	IN/SY	\$2.00
500101 P-2 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$39.25 500102 P-3 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$59.25 500103 P-4 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.50 500104 P-5 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.50 500106 P-7 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500100	P-1 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$29.50
500103 P-4 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$56.50 500104 P-5 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$56.50 500105 P-6 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 5 to ₹0 (Min. HMA w/ GAB) SY \$31.00 500200 P-1 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$26.50 500201 P-2 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$24.00 500202 P-3 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$42.00 500203 P-4 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$44.50 500204 P-5 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$44.50 500205 P-6 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$32.50 500207 P-8 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$32.50 500207 P-8 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY \$32.50 500301 P-1 Paving Section - CBR 5 to ₹7 (Min. HMA w/ GAB) SY <			SY	\$32.00
500104 P-5 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$56.50 500105 P-6 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.55 500107 P-7 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$36.55 500107 P-8 Paving Section - CBR 3 to ≤ (Min. HMA w/ GAB) SY \$31.00 500200 P-1 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500102	P-3 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$39.25
500105 P-6 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$36.55 500106 P-7 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$36.50 500107 P-8 Paving Section - CBR 3 to ≤5 (Min. HMA w/ GAB) SY \$31.00 500200 P-1 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500103	P-4 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$54.00
500106 P-7 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	500104	P-5 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$56.50
500107 P-8 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	500105	P-6 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$63.75
500200 P-1 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500106	P-7 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$36.50
500201 P-2 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500107	P-8 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)	SY	\$31.00
500202 P-3 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500200	P-1 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$26.50
500203 P-4 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500201	P-2 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$24.00
500204 P-5 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500202	P-3 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$31.25
500205 P-6 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500203	P-4 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$42.00
500206 P-7 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	500204	P-5 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$44.50
500207 P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB) SY \$28.00 500300 P-1 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$22.50 500301 P-2 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$20.00 500302 P-3 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$25.25 500303 P-4 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$32.75 500304 P-5 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$42.50 500305 P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$45.75 500306 P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$45.75 500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$23.00 500400 P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500205	P-6 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$49.75
500300 P-1 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$22.50 500301 P-2 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$20.00 500302 P-3 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$25.25 500303 P-4 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$32.75 500304 P-5 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$42.50 500305 P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$45.75 500306 P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR 3 to <5 (Min. HMA w/ GAB)		P-7 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)		
500301 P-2 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$20.00 500302 P-3 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$25.25 500303 P-4 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$32.75 500304 P-5 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$42.50 500305 P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$45.75 500306 P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500207	P-8 Paving Section - CBR 5 to <7 (Min. HMA w/ GAB)	SY	\$28.00
500302 P-3 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$25.25 500303 P-4 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$32.75 500304 P-5 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$42.50 500305 P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$45.75 500306 P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$23.00 500400 P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500300	The state of the s	SY	\$22.50
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500304P-5 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)SY\$42.50500305P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)SY\$45.75500306P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)SY\$29.50500307P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)SY\$23.00500400P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)		` ,		
500305 P-6 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$45.75 500306 P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$23.00 $10000000000000000000000000000000000$		· · · · · · · · · · · · · · · · · · ·		
500306 P-7 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$29.50 500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$23.00		· · · · · · · · · · · · · · · · · · ·		
500307 P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB) SY \$23.00 500400 P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)		· · · · · · · · · · · · · · · · · · ·		
500400 P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)		` ,		
500401 P-2 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500307	P-8 Paving Section - CBR ≥ 7 (Min. HMA w/ GAB)	SY	\$23.00
500401 P-2 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500400	P-1 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	\$25.38
500403 P-4 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500401	P-2 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	
500404 P-5 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500402	P-3 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	\$36.13
500405 P-6 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500403	P-4 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	\$46.50
500406 P-8 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	500404	P-5 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	\$53.75
500500 P-1 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	500405	P-6 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	\$58.63
500501 P-2 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	500406	P-8 Paving Section - CBR 3 to <5 (Min. HMA with Constant GAB)	SY	\$20.00
500501 P-2 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	500500	P-1 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	\$23.75
500502 P-3 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)		•		
500504 P-5 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB) SY \$47.25 500505 P-6 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB) SY \$52.13	500502	P-3 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	\$31.25
500505 P-6 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB) SY \$52.13	500503	P-4 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	\$43.25
	500504	P-5 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	\$47.25
500506 P-8 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB) SY \$26.00		•		\$52.13
	500506	P-8 Paving Section - CBR 5 to <7 (Min. HMA with Constant GAB)	SY	\$26.00

ITEM CODI	DESCRIPTION	UNIT	LINIT COST
500600	E DESCRIPTION P-1 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	UNIT COST \$22.13
500601	P-2 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	\$24.00
500601	P-3 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	\$28.00
500603	P-4 Paving Section - CBR \geq 7 (Min. HMA with Constant GAB)	SY	\$36.75
500604	P-5 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	\$44.00
500605	P-6 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	\$47.25
500606	P-8 Paving Section - CBR ≥ 7 (Min. HMA with Constant GAB)	SY	\$26.00
200000	To runing section Content (initial runing constant Gras)	51	Ψ20.00
500700	Concrete Pavement	IN/SY	\$10.00
501000	HMA - Bituminous Curb	LF	\$6.00
501001	Standard Barrier Curb	LF	\$17.00
501002	Concrete Curb & Gutter Transition	LF	\$25.00
501003	Concrete Curb & Gutter	LF	\$14.00
501004	Modified Curb & Gutter	LF	\$14.00
501005	Precast Concrete Wheel Stops - Fixed	EA	\$45.00
501006	Monolithic Concrete Median	SF	\$49.00
502000	Construction of the state of th	GV	¢22.00
502000	Concrete Sidewalk - 4" Thick	SY	\$32.00
502001	Monolithic Concrete Curb & Sidewalk	SY	\$45.00
502002	Brick Pavers	SF	\$15.00
502003	Macadam Path or Sidewalk	IN/SY	\$5.50
502100	Sidewalk Ramp Type "A"	EA	\$575.00
502101	Sidewalk Ramp Type "B"	EA	\$925.00
502102	Sidewalk Ramp Type "C"	EA	\$575.00

502200	Residential Driveway w/Sidewalk Setback from Curb	EA	\$950.00
502201	Residential Driveway w/Sidewalk Adjacent to Curb	EA	\$950.00
502202	Residential Driveway w/Modified Curb	EA	\$950.00
502203	Residential Driveway w/Bit. Curb & Sidewalk	EA	\$625.00
502204	Residential Driveway w/o Sidewalk	EA	\$625.00
502205	Residential Driveway, Open Section Road	EA	\$325.00
502206	Commercial Driveway on Closed Section Road	EA	\$4,400.00
502207	Commercial Driveway on Open Section Road	EA	\$4,400.00
502208	Commercial Driveway - High Volume	EA	\$4,400.00
503000	Guard Rail W Beam	LF	\$17.50
503001	Dead End Type "A" Barricade	LF	\$30.00
503002	Dead End Type "C" Barricade	LF	\$40.00
503003	Guard Rail w/Beam Anchor	LF	\$22.00
503004	Type 1 - End Flare	EA	\$625.00
503005	Type 2 - End Flare	EA	\$675.00
503006	Guard Rail Remove & Reset	LF	\$17.00
503007	Guard Rail Removal and Disposal	LF	\$7.25
504000	Chain Link Fence - 6'	LF	\$20.00
504001	Chain Link Fence - 8'	LF	\$25.00
504002	Terminal Post 6' Chain Link fence	EA	\$12.50
504003	Terminal Post 8' Chain Link Fence	EA	\$18.75
504004	Gate - 6' for 6' Chain Link Fence	EA	\$140.00
504005	Gate - 12' for 6' Chain Link Fence	EA	\$275.00
504006	Gate - 12' for 8' Chain Link Fence	EA	\$325.00
504007	Chain Link Fence Remove & Reset	LF	\$12.50
504008	Chain Link Fence Removal and Disposal	LF	\$2.00
504009	Wood Stock Fence	LF	\$16.50
504010	Wood Fence Removal and Disposal	LF	\$2.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
112 0021	FINE GRADING AND LANDSCAPING	01111	01111 0001
505000	Placing Salvaged Topsoil (2" depth)	SY	\$2.75
505001	Top Soil - Furnished & Placed (2" depth)	SY	\$3.25
505002	Temporary Seeding & Mulching	SY	\$0.40
505003	Straw Mulching	SY	\$0.25
505004	Solid Sodding	SY	\$3.00
505005	Seeding	SY	\$0.40
505006	Seeding & Mulching	SY	\$0.80
505007	Soil Stabilization Matting (Miramat, Curlex, etc.)	SY	\$2.75
506000	Selective Tree Trimming	EA	\$120.00
506001	Street Trees	EA	\$375.00
506002	Furnish & Plant Acer Rubrum (Red Maple) - 2" C BB	EA	\$190.00
506003	Furnish & Plant Crataegus (Flowering Hawthorne) - 2" C BB	EA	\$190.00
506004	Furnish & Plant Gleditsia Triacanthos Inermis (Thorny Honey Locust) - 2" C BB	EA	\$190.00
506005	Furnish & Plant Quercus Palustris (Pin Oak) - 2" C BB	EA	\$190.00
	SIGNAGE		
750000	Install New Signs Supplied by County	SF	\$10.00
750001	Stop signs	EA	\$110.00
750002	Street Signs	EA	\$125.00
	RAILROAD TRACK INSTALLATION		
760000	Railroad Ties	LF	\$30.00
760001	Railroad Track Installation	LF	\$105.00
	UTILITY ADJUSTMENTS & HANDRAILS		
770000	Adjust Existing Utility Appurtenances to Finished Grade - LT 12" Circ.	EA	\$170.00
770001	Adjust Existing Utility Appurtenances to Finished Grade - 12" to 29" Circ.	EA	\$250.00
770002	Adjust Existing Utility Appurtenances to Finished Grade - GT 29" Circ.	EA	\$340.00
770003	Galvanized Handrails (3 rails)	LF	\$37.50
770004	Wood Handrails (3 rails)	LF	\$25.00
	STORMWATER MANAGEMENT FACILITIES		
800000	Corrugated Metal Riser Structure	EA	\$3,750.00
800001	Corrugated Metal Trash Rack for CM Riser	EA	\$2,250.00
800002	Corrugated Metal Anti-Seep Collar	EA	\$750.00
800100	Reinforced Concrete Riser Structure	CY	\$825.00
800101	A-2 Concrete Cradle	CY	\$825.00
800102	Reinforced Concrete Anti-Seep Collar	CY	\$825.00
800103	Sand Filter Diaphragm	CY	\$33.25
800104	Reinforced Concrete	CY	\$825.00
800200	Rock Vane	EA	\$5,500.00
800201	Log Vane	EA	\$2,100.00
800202	Flush Cut	EA	\$900.00
800203	Root Wad Revetment	EA	\$2,400.00
800204	Rock J-Hook Vane	EA	\$6,100.00
800205	Rock Cross Vane	EA	\$6,800.00
800206	Boulder Bank Stabilization	LF	\$100.00
800207	Live Stakes	EA	\$4.00
800208	Live Branch Layering	LF	\$15.00
800209	Coir Fiber Erosion Control Matting	SY	\$5.00
800210	Stream Diversion and Dewatering	LS	\$50,000.00
800300	Sand (washed) for Bioretention	CY	\$30.00
800301	Pea Gravel (washed) for Bioretention	CY	\$30.00
800302	Planting Soil for Bioretention	CY	\$25.00
800303	Mulch for Bioretention	CY	\$28.00
800304	Trees for Bioretention	EA	\$300.00
800305	Shrubs for Bioretention	EA	\$150.00
800306	Grasses for Bioretention	SY	\$1.00

ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
800400	Rain Garden/Biorentention Facility (complete)	EA	\$6,500.00
800401	Infiltration Trench (Stone Only)	CY	\$60.00
800402	Dry Well (Complete)	EA	\$6,500.00
800403	Pervious Concrete (w/12" of #57 stone)	SY	\$80.00
800500	Clay Backfill for Core Trench	CY	\$20.00
	UNDERGROUND UTILITIES		
	Boring & Jacking		
820000	Boring & Jacking Water	LF	\$263.00
820001	Boring & Jacking Sewer	LF	\$488.00
820002	36" Steel Casing Pipe (Boring/Jacking)	LF	\$125.00
	Water		
820100	4" DIP	LF	\$50.00
820101	6" DIP	LF	\$56.00
820102	8" DIP	LF	\$60.00
820103	12" DIP	LF	\$76.00
820104	16" DIP	LF	\$80.00
820110	4" C-900 PVC	LF	\$26.00
820111	6" C-900 PVC	LF	\$30.00
820112	8" C-900 PVC	LF	\$36.00
820113	10" C-900 PVC	LF	\$46.00
820114	12" C-900 PVC	LF	\$52.00
820120	3/4" Copper WHC	LF	\$30.00
820121	1" Copper WHC	LF	\$31.00
820122	1-1/2" Copper WHC	LF	\$35.00
820123	2" Copper WHC	LF	\$36.00
820124	3" PVC Schedule 40 WHC	LF	\$40.00
820125	4" PVC Schedule 40 WHC	LF	\$44.00
820130	1-1/2" Drains	EA	\$1,000.00
820131	Blow off valve	EA	\$9,000.00
820132	Air Release valve & Vault	EA	\$5,700.00
820140	8" x 4" Tapping Sleeve & Valve	EA	\$1,500.00
820141	8" x 6" Tapping Sleeve & Valve	EA	\$1,875.00
820142	8" x 8" Tapping Sleeve & Valve	EA	\$3,125.00
820143	8" x 12" Tapping Sleeve & Valve	EA	\$6,250.00
820150	4" Gate Valve & Box	EA	\$600.00
820151	6" Gate Valve & Box	EA	\$700.00
820152	8" Gate Valve & Box	EA	\$800.00
820153	10" Gate Valve & Box	EA	\$1,000.00
820154	12" Gate Valve & Box	EA	\$1,200.00
820155	16" Gate Valve & Vault (Precast)	EA	\$6,000.00
820160	3/4" Meter Vault for outside metering	EA	\$438.00
820161	1" Meter Vault for outside metering	EA	\$500.00
820162	1-1/2" Meter Vault for outside metering	EA	\$625.00
820163	2" Meter Vault for outside metering	EA	\$1,063.00
820164	3" Meter Vault for outside metering	EA	\$3,750.00
820165	4" Meter Vault for outside metering	EA	\$4,375.00
820166	6" Meter Vault for outside metering	EA	\$8,750.00
820170	Fire Hydrants, FH Tee and Valve	EA	\$2,500.00
820171	Fire Suppression Tank (5,000 gal) and Concrete Slab	EA	\$6,850.00
820172	Removal of abandoned 6" or 8" water mains	LF	\$30.00
	Sewer		
820200	4" PVC Schedule 40 (less than 12' deep)	LF	\$55.00
820201	6" PVC Schedule 40 (less than 12' deep)	LF	\$60.00
820202	8" PVC Schedule 40 (less than 12' deep)	LF	\$65.00
820203	10" PVC Schedule 40 (less than 12' deep)	LF	\$70.00
820204	12" PVC Schedule 40 (less than 12' deep)	LF	\$75.00
820205	8" PVC Schedule 40 (12' - 16' deep)	LF	\$69.00
820206	8" PVC Schedule 40 (greater than 16' deep)	LF	\$83.00

ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
820210	8" DIP Sewer (all depths)	LF	\$75.00
820211	10" DIP Sewer (all depths)	LF	\$85.00
820212	12" DIP Sewer (all depths)	LF	\$95.00
820220	4" C-900 PVC Sewer Pipe	LF	\$70.00
820221	6" C-900 PVC Sewer Pipe	LF	\$75.00
820222	8" C-900 PVC Sewer Pipe	LF	\$80.00
820223	10" C-900 PVC Sewer Pipe	LF	\$90.00
820224	12" C-900 PVC Sewer Pipe	LF	\$93.00
820230	4' Sewer Manhole	EA	\$2,500.00
820231	Sewer Cleanouts	EA	\$1,000.00
820232	Type A Drop Connection	EA	\$1,060.00
820233	Type B Drop Connection	EA	\$1,185.00
820234	Oil/Grease Interceptors	EA	\$6,250.00
	Shared Septic		
	Piping and Drain Fields		
820300	1-1/4" SDP 11 PVC (Low Pressure Sewer)	LF	\$15.00
820301	1-1/2" SDP 11 PVC SHC (Low Pressure Sewer)	LF	\$20.00
820302	2" Sewer Force Main	LF	\$25.00
820303	4" Sewer Force Main	LF	\$35.00
820304	Drain Field Trenches, gravity, 4" PVC, 3' depth including tile	LF	\$8.00
	Pumps/Distribution System Controls/Buildings		
820310	Simplex Grinder Pump	EA	\$4,000.00
820311	Duplex Grinder Pump	EA	\$8,000.00
820312	Duplex Submersible Pumps	EA	\$8,000.00
820313	Flushing Connections	EA	\$1,500.00
820314	Concrete Settling Tank	EA	\$2,500.00
820315	Monitoring Well	EA	\$1,500.00
820316	Distribution Box	EA	\$1,000.00
820317	Electrical Controls and Telemetry	EA	\$15,000.00
820318	Blower/Distribution Pumpsets/Controls	EA	\$20,000.00
820319	Septic Tanks	Per 1000 Gal	\$1,500.00
820320	Treatment/Chemical/Storage Building	EA	\$30,000.00
	SIGNAGE & ELECTRICAL WORK		****
870000	3/4" Electrical Conduit-PVC Schedule 80-Riser	LF	\$1.00
870001	3/4" Electrical Conduit-PVC Schedule 80-Pushed	LF	\$2.00
870002	3/4" Electrical Conduit-PVC Schedule 80-Trenched	LF	\$3.00
870003	3/4" Electrical Conduit-PVC Schedule 80-Slotted	LF	\$2.00
870004	3/4" Electrical Conduit-PVC Schedule 80-Elbow	EA	\$5.00
870005	1" Electrical Conduit-PVC Schedule 80-Riser	LF	\$2.50
870006	1" Electrical Conduit-PVC Schedule 80-Pushed	LF	\$5.00
870007	"Electrical Conduit-PVC Schedule 80-Trenched "Electrical Conduit-PVC Schedule 80-Slotted	LF	\$2.00
870008 870009	1" Electrical Conduit-PVC Schedule 80-Elbow	LF EA	\$5.00 \$7.50
870009	2" Electrical Conduit-PVC Schedule 80-Riser	LF	\$5.00
870010	2" Electrical Conduit-PVC Schedule 80-Pushed	LF LF	\$18.50
870011	2" Electrical Conduit-PVC Schedule 80-Trenched	LF	\$5.00
870012	2" Electrical Conduit-PVC Schedule 80-Slotted	LF	\$18.50
870013	2" Electrical Conduit-PVC Schedule 80-Elbow	EA	\$9.00
870015	3" Electrical Conduit-PVC Schedule 80-Riser	LF	\$10.00
870015	3" Electrical Conduit-PVC Schedule 80-Pushed	LF	\$20.00
870010	3" Electrical Conduit-PVC Schedule 80-Trenched	LF	\$6.50
870017	3" Electrical Conduit-PVC Schedule 80-Slotted	LF	\$7.00
870019	3" Electrical Conduit-PVC Schedule 80-Elbow	EA	\$15.00
870020	4" Electrical Conduit-PVC Schedule 80-Riser	LF	\$15.00
870021	4" Electrical Conduit-PVC Schedule 80-Pushed	LF	\$20.00
870021	4" Electrical Conduit-PVC Schedule 80-Trenched	LF	\$6.50
870023	4" Electrical Conduit-PVC Schedule 80-Slotted	LF	\$21.00
870024	4" Electrical Conduit-PVC Schedule 80-Elbow	EA	\$45.00

ITEM CODE	E DESCRIPTION	UNIT	UNIT COST
870200	2" U-guard	LF	\$11.00
870201	3" U-guard	LF	\$15.00
870202	Trenching & Backfill	LF	\$7.00
870203	Meter Socket	EA	\$50.00
870204	Disconnect Switch NEMA Type 3R-30 Amp	EA	\$135.00
870205	Disconnect Switch NEMA Type 3R-60 Amp	EA	\$150.00
870206	Disconnect Switch NEMA Type 4-30 Amp Stainless Steel	EA	\$1,100.00
870207	Disconnect Switch NEMA Type 4-60 Amp Stainless Steel	EA	\$1,200.00
870208	Ground Rod w/Clamp	EA	\$20.00
870209	Breakaway Connector Kit-Bussman #HEBAWRLC-J or Approved Equal	EA LF	\$50.00
870210 870211	Install County Supplied Telemetry Cable-Self Supporting (Overhead)(Any Size) Install County Supplied Telemetry Cable-Jelly Filled (Underground)(Up to 12 Pairs)	LF LF	\$0.60 \$0.60
870211	Install County Supplied Telemetry Cable-Jelly Filled (Underground)(Oper 12 Pairs)	LF	\$1.10
870213	Install LDF4 Coaxial Cable	LF	\$0.50
870214	Install Opticom Detector Cable	LF	\$5.00
870215	Loop Wire - 14 THWN in 1/4" Flexible Tubing-For Loop Detector Work Independent of Other S	LF	\$1.00
870216	Loop Wire - 14 AWG THWN in 1/4" Flexible Tubing	LF	\$1.00
870217	Belden 8281 Coaxial Cable	LF	\$1.25
870218	Install County Supplied Video Camera Cable (Traficam)	LF	\$0.50
870219	Install County Supplied Autoscope Video Cable	LF	\$5.00
870300	Electrical Cable-1 Conductor-14 AWG Aluminum Shielded (Loop Lead in Wire)	LF	\$0.25
870301	Electrical Cable-2 Conductor-14 AWG Aluminum Shielded (Loop Lead in Wire)	LF	\$1.25
870302	Electrical Cable-2 Conductor-14 AWG-ISMA 19-1	LF	\$0.40
870303	Electrical Cable-3 Conductor-14 AWG-ISMA 19-1	LF	\$0.60
870304	Electrical Cable-5 Conductor-14 AWG-ISMA 19-1	LF	\$1.35
870305	Electrical Cable-7 Conductor-14 AWG-ISMA 19-1	LF	\$1.45
870306	Electrical Cable-10 Conductor-14 AWG-ISMA 19-1	LF	\$1.25
870307	Electrical Cable-15 Conductor-14 AWG-ISMA 19-1	LF	\$1.35
870308	Electrical Cable-20 Conductor-14 AWG-ISMA 19-1	LF	\$1.60
870309	Electrical Cable-2 Conductor-12 AWG Copper Type TC	LF	\$1.25
870310	Electrical Cable-2 Conductor-10 AWG Copper Type TC	LF LF	\$1.25
870311 870312	Electrical Cable-1 Conductor-10 AWG-THWN Copper Electrical Cable-1 Conductor-8 AWG-THWN Copper	LF LF	\$0.30 \$0.85
870312	Electrical Cable-1 Conductor-8 AWG-111WW Copper Electrical Cable-1 Conductor-8 AWG-Solid Bare Copper	LF	\$0.55
870313	Electrical Cable-1 Conductor-6 AWG-Stranded Bare Copper	LF	\$0.65
870315	Electrical Cable-1 Conductor-6 AWG-THWN-Copper	LF	\$0.65
870316	Electrical Cable-1 Conductor-4 AWG-THWN-Copper	LF	\$0.70
870400	Ground mount sign supports	LF	\$15.00
870401	Install sign 0 to \leq 5SF (Overhead Post)	EA	\$5.50
870402	Install sign > 5 SF to ≤ 25 SF (Overhead Post)	EA	\$100.00
870403	Install sign > 25 SF to ≤ 50 SF (Overhead Post)	EA	\$50.00
870404	Install sign > 50 SF to ≤ 100 SF (Overhead Post)	EA	\$55.00
870410	Install Lighting Pole With Arm (Includes T-Base)	EA	\$350.00
870411	Install Lighting Arm on Strain Pole or Mast Arm Pole	EA	\$350.00
870412	Install Cobra Style Luminaire	EA	\$5.50
870413	Wood Pole - Class II (40')	EA	\$55.00
870414	Install Wood Pole	EA	\$11.00
870415	Install Strain Pole	EA	\$55.00
870416	Install Mast Arm Pole	EA	\$275.00
870417	Install Mast Arm	EA	\$275.00
870418	Install Pedestal Pole-Any Size-With Breakaway Base	EA	\$250.00
870419	Install Pedestal Pole-Any Size-on Existing Breakaway Base	EA	\$150.00
870420	Install 12' Washington Style Cast Iron Lamp Post	EA	\$2.25
870421	Install 14' Aluminum Pole with Solar or AC Powered Flashing School Zone Beacon/Sign Assem	EA	\$220.00
870422 870423	Up to 2" Weather Head 3" Weather Head	EA EA	\$10.00 \$45.00
870424	Fuenish & Install Elbow in Existing Concrete Base-Includes Concrete	EA	\$165.00
870425	Grout Existing/New Pole Base	EA	\$25.00
870426	3/8" Span Wire	LF	\$0.25
870427	1/4" Span Wire	LF	\$0.20
870428	Adjust Span or Tether	EA	\$0.80
870429	Bull Ring	EA	\$1.25
870430	Black Guy	EA	\$1.00
870431	Adjust Black Guy	EA	\$1.00
870432	Install Signal Head	EA	\$105.00

ITEM CODI	E DESCRIPTION	UNIT	UNIT COST
870433	Install Optically Programmed Signal Head	EA	\$3.50
870434	Insatll Pedestrian Signal Head	EA	\$94.00
870435	Install Pedestrian Pushbutton and Sign	EA	\$25.00
870436	Install Mast Arm Mounted Video Camera Detector w/County Supplied Astro-bracket Clamps	EA	\$225.00
870437	Photo Cell	EA	\$11.00
870438	Install Pole Mounted Radio Antenna w/County Supplied Astro Bracket Clamps	EA	\$72.00
870439	Install Opticom Detector w/County Supplied Astro Bracket Clamps	EA	\$50.00
870440	Install Flasher Cabinet	EA	\$55.00
870441	Install Terminal Cabinet (Splice Cabinet)	EA	\$28.00
870442	Install Control Cabinet-Base or Pole Mounted	EA	\$500.00
870443	Adjust Elevation of Existing Handbox-Frame and Cover	EA	\$50.00
870444	Traffic Signal Handbox (Pullbox)	EA	\$700.00
870445	Traffic Signal Handbox-Over Existing Conduits and Cable	EA	\$22.00
870446	Remove and Reinstall Existing Conduit Cable (Any Number)	LF	\$5.00
870447	Saw Cut 4-1/2" depth	LF	\$7.50
870448	Saw Cut 4-1/2" depth-For Loop Detector Work Independent of other Signal Work	LF	\$7.50
870449	Install Micro Loop Detector	EA	\$50.00
870500	Clean and Paint Strain Pole	EA	\$28.00
870501	Clean and Paint Pedestal Pole	EA	\$300.00
870502	Clean and Paint Mst Arm Pole	EA	\$350.00
870503	Clean and Paint Mast Arm	EA	\$350.00
870504	Clean and Paint Streetlight Arm	EA	\$275.00
870510	Relocate Any Existing Signal Head (Including Aiming and Adjusting)	EA	\$75.00
870511	Removal and Salvage of Signs Less Than 50 SF	EA	\$6.00
870512	Removal and Salvage of Signs Greater Than 50 SF	EA	\$11.00
870513	Removal and Salvage of Lighting Pole with Arm	EA	\$140.00
870514	Removal and Salvage of Lighting Arm on Pole	EA	\$13.00
870515	Removal and Salvage of Luminaire	EA	\$1.25
870516	Removal and Salvage of Span & Associated Wiring	EA	\$12.00
870517	Removal and Salvage Wood Pole	EA	\$1.25
870518	Removal and Salvage Strain Pole	EA	\$6.00
870519	Removal and Salvage Traffic Signal Mast Arm Pole	EA	\$165.00
870520	Remove Foundation 12" Below Grade	CY	\$450.00
870521	Removal and Salvage Mast Arm	EA	\$55.00
870522	Removal and Salvage Pedestal Pole	EA	\$30.00
870523	Removal and Salvage Pedestal Pole and Breakaway Base	EA	\$50.00
870524	Removal and Salvage Cabinet	EA	\$55.00
870525	Removal Signal Handbox	EA	\$5.00
870526	Relocate Existing Handbox	EA	\$13.00
870527	Removal and Salvage Any Signal Head	EA	\$35.00
870528	Removal and Salvage Pedestrian Signal Head	EA	\$20.00
870529	Removal and Salvage Pedestian Pushbutton & Sign	EA	\$20.00
	Developer Street Lights*		
	Energy and Maintenance (For 2 years)		
870600	100-WATT HPS Vapor Fixture	EA	\$84.00
870601	150-WATT HPS Vapor Fixture	EA	\$90.00
870602	250-WATT HPS Vapor Fixture	EA	\$100.00
870603	400-WATT HPS Vapor Fixture	EA	\$120.00
870604	100-WATT MH Fixture	EA	\$138.00
870605	150-WATT MH Fixture	EA	\$145.00
	Energy (For 2 years)		
870620	LED-100 Post-Top Fixture	EA	[[\$8.00]]\$10.00
870621	LED-150 Post-Top Fixture	EA	[[\$10.00]]\$12.00
870622	LED-100 COBRA Fixture	EA	[[\$12.00]]\$10.00
870623	LED-150 COBRA Fixture	EA	[[\$14.00]]\$15.00
870624	LED-200 COBRA Fixture	EA	\$19.00
870625	LED-250 COBRA Fixture	EA	[[\$25.00]]\$30.00

^{*}PASS-THROUGH FEES BASED ON RATES SET BY BGE