

**ARLINGTON COUNTY, VIRGINIA
OFFICE OF THE PURCHASING AGENT
2100 CLARENDON BOULEVARD, SUITE 500
ARLINGTON, VIRGINIA 22201**

NOTICE OF CONTRACT AMENDMENT

A&M CONCRETE COPORATION 42685 DULLER TRADE COURT STERLING, VA 20166	ORIGINAL DATE ISSUED:	<u>MARCH 20, 2019</u>
	CURRENT REFERENCE NO:	<u>19-112-ITB-2</u>
	CONTRACT TITLE:	<u>ON-CALL CAPITAL CONSTRUCTION SERVICES (HORIZONTAL)</u>

**THIS IS A NOTICE OF AMENDMENT OF CONTRACT AND NOT AN ORDER. NO WORK IS AUTHORIZED UNTIL THE
VENDOR RECEIVES A VALID COUNTY PURCHASE ORDER ENCUMBERING CONTRACT FUNDS.**

The contract documents consist of the terms and conditions of Agreement No. 19-112-ITB-2, including any attachments or amendments thereto.

EFFECTIVE DATE: MARCH 20, 2022

EXPIRES: MARCH 19, 2022

RENEWALS: ONE (1), ONE (1) YEAR RENEWAL OPTIONS FROM MARCH 20, 2023 TO MARCH 19, 2024

COMMODITY CODE(S): 91345

LIVING WAGE: N

PROFESSIONAL SERVICES: N

ATTACHMENTS:

AMENDMENT NUMBER 03 (FORMERLY AMENDMENT NO. 2, MARCH 11, 2022)

EMPLOYEES NOT TO BENEFIT:

NO COUNTY EMPLOYEE SHALL RECEIVE ANY SHARE OR BENEFIT OF THIS CONTRACT NOT AVAILABLE TO THE GENERAL PUBLIC.

VENDOR CONTACT: BRIAN GROVER

VENDOR TEL. NO.: 703-544-0850

EMAIL ADDRESS: BGROVER@AMCONCRETE.NET

COUNTY CONTACT: GINO SQUARCIAFICO

COUNTY TEL. NO.: 703-228-7527

COUNTY EMAIL: Gsquarciafico@arlingtonva.us

PURCHASING DIVISION AUTHORIZATION

Sy Gezachew Title: **Procurement Officer** Date: **3/15/2022**

ARLINGTON COUNTY, VIRGINIA

**AGREEMENT NO. 19-112-ITB-2
AMENDMENT NUMBER 02**

This Amendment Number 2 is made on the date of execution by the County and amends Agreement Number 19-112-ITB-2 (“Main Agreement”) dated March 21, 2019 between **A&M Concrete Corporation** (“Contractor”) and the **County Board of Arlington County, Virginia** (“County”).

The County and the Contractor agree to amend the Main Agreement as follows:

1. **Contract Renewal:** Pursuant to CLAUSE 4: CONTRACT TERM, this agreement is hereby renewed for its first subsequent contract term beginning March 20, 2022 through March 19, 2023.
2. **Contract Price Adjustment** is hereby deleted in its entirety and changed to read:

The Contract Amount/unit price(s) will remain firm until twelve (12) consecutive calendar months from the day of execution of the contract by the County (“Price Adjustment Date”). To request a price adjustment, the Contractor or the County must submit a written request to the other party not less than 90 days before the Price Adjustment Date. Adjustments to the Contract Amount/unit price(s) will not exceed the percentage of escalation/de-escalation in the Engineering News Record (ENR) Construction Cost Index (CCI), 20-city average, ending in December of each year of the Contract.

Any Contract Amount/unit price(s) that result from this provision will become effective the day after the Price Adjustment Date and will be binding for 12 months. The new Price Adjustment Date will be 12 months after the price adjustment.

If the Contractor and the County have not agreed on a requested adjustment by 30 days before the Price Adjustment Date, the County may not renew the Contract, whether or not the County has previously elected to renew the Contract’s term.

3. **Contract Price Increase:** Pursuant to CLAUSE 7: Contract Price Adjustment (as amended above), the agreement is hereby increased by 8% per the most recent available data of Engineering News Record (ENR) Construction Cost Index (CCI), 20-city average. **Such increase will commence on March 20, 2022.**

Exhibit C – Price Bid of Contractor is hereby replaced in its entirety with the attached Exhibit C – Price Bid of Contractor, which is incorporated into and made a part of this Amendment.

4. **Force Majeure: CLAUSE 32. Is REPLACED IN ITS ENTIRETY WITH THE FOLLOWING LANGUAGE:**

Neither party will be held responsible for failure to perform the duties and responsibilities imposed by this Contract if such failure is due to a fire, riot, rebellion, natural disaster, war, act of terrorism or act of God that is beyond the control of the party and that makes performance impossible or illegal, unless otherwise specified in the Contract, provided that the affected party gives notice to the other party as soon as practicable after the force majeure event, including reasonable detail and the expected duration of the event's effect on the party.

5. **NOTICES: CLAUSE 50: remove Kamal Taktak, Project Officer and replace with:**

Gino Squarciafico, Project Officer
Arlington County
2100 Clarendon Boulevard, Suite 813
Arlington, Virginia 22201
Phone: (703) 228.7537
Email: Gsquarciafico@arlingtonva.us

6. **INCORPORATION OF COVID-19 VACCINATION POLICY FOR CONTRACTORS: CLAUSE 54.** COVID-19 Vaccination Policy for Contractors is hereby added to the Contract Terms and Conditions:

54. COVID-19 VACCINATION POLICY FOR CONTRACTORS

Due to the ongoing COVID-19 pandemic, the County has taken various steps to protect the welfare, health, safety, and comfort of the workforce and public at large. As part of these steps, the County has implemented various requirements with respect to health and safety including policies with respect to social distancing, the use of face-coverings and vaccine mandates. To protect the County's workforce and the public at large, all employees and subcontractors of the Contractor who are assigned to this Contract, must be fully vaccinated against COVID-19. Any contractor employee or subcontractor who is not fully vaccinated should be following a weekly testing protocol as established by the Contractor.

7. **INCORPORATION OF SEXUAL HARASSMENT POLICY: CLAUSE 55.** Sexual Harassment Policy is hereby added to the Contract Terms and Conditions:

55. SEXUAL HARASSMENT POLICY

If the Contractor employs more than five employees, the Contractor shall (i) provide annual training on the Contractor's sexual harassment policy to all supervisors and employees providing services in the Commonwealth, except such supervisors or employees that are required to complete sexual harassment training provided by the Department of Human Resource Management, and (ii) post the Contractor's sexual harassment policy in (a) a conspicuous public place in each building located in the Commonwealth that the Contractor owns or leases for business purposes and (b) the Contractor's employee handbook.

All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON
COUNTY, VIRGINIA

AUTHORIZED: DocuSigned by:
SIGNATURE: Dr. Sharon T. Lewis
89B86B1AD301462...
NAME: Dr. Sharon T. Lewis
TITLE: Purchasing Agent
DATE: 3/11/2022

A&M CONCRETE CORPORATION

AUTHORIZED: DocuSigned by:
SIGNATURE: Brian Grover
EBB4101D8786470...
NAME: Brian Grover
TITLE: Vice President
DATE: 3/11/2022

CAPITAL IMPROVEMENT PROJECT WORK CATEGORY

Capital Improvement Project Work shall consist generally of larger scale public works infrastructure and street improvement projects including construction, re-construction, and maintenance of: State and County streets, curbs & gutters, sidewalks, walkways, driveway aprons, sanitary sewer pipes and structures, water mains, storm sewer pipes and inlets, pavement markings and signage, traffic signals, streetlights, streetscapes and related site work.

PLEASE PROVIDE PRICES FOR ALL ITEMS LISTED

All Unit Prices on the Bid Form shall reflect and be inclusive of all costs, including but not limited to: tasks, labor, supplies, tools, equipment, transportation, mobilization, clearing and grubbing, demolition, saw-cutting, material provisions and installations, disposals, incidentals, and all things necessary to perform the work as set forth in accordance with project plans and specifications and in compliance with all Arlington County and VDOT Standards and Specifications.

MASTER ID#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL PRICE		UNIT PRICE Updated Rates ENR CCI 8% Increase		TOTAL PRICE Updated Rates ENR CCI 8% Increase	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.8 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.2 (TEQ)	BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.8 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.2 (TEQ)
C1	GENERAL EARTH WORK										
0200-C1-00010	General Excavation, only when not included in other pay items	16500	CY	\$50.00	\$53.75	\$660,000.00	\$177,375.00	\$54.00	\$58.05	\$712,800.00	\$191,565.00
0200-C1-00020	Rock Excavation, only when not included in other pay items	150	CY	\$150.00	\$161.25	\$18,000.00	\$4,837.50	\$162.00	\$174.15	\$19,440.00	\$5,224.50
0100-C1-00030	Test Pits (or Test Bores), Up to 6' Deep (with restoration)	30	EA	\$550.00	\$591.25	\$13,200.00	\$3,547.50	\$594.00	\$638.55	\$14,256.00	\$3,831.30
0100-C1-00040	Test Pits (or Test Bores), Each VF Over 6' Deep (with restoration)	30	VF	\$135.00	\$145.15	\$3,240.00	\$870.90	\$145.80	\$156.76	\$3,499.20	\$940.57
0200-C1-00041	Test Hole Excavation (Single Pole Foundation - Up to sixteen (16') deep)	30	EA	\$3,850.00	\$4,138.75	\$92,400.00	\$24,832.50	\$4,158.00	\$4,469.85	\$99,792.00	\$26,819.10
0200-C1-00050	Select Borrow (VDOT Section 207 - Select Material, Type I)	500	CY	\$65.00	\$69.90	\$26,000.00	\$6,990.00	\$70.20	\$75.49	\$28,080.00	\$7,549.20
0200-C1-00060	Flowable Backfill (VDOT Special Provision S302G02-0610)	500	CY	\$285.00	\$306.50	\$114,000.00	\$30,650.00	\$307.80	\$331.02	\$123,120.00	\$33,102.00
0200-C1-00070	Geotextile Drainage Fabric In Place (VDOT Section 245.03.c)	3000	SY	\$3.00	\$3.25	\$7,200.00	\$1,950.00	\$3.24	\$3.51	\$7,776.00	\$2,106.00
0200-C1-00071	Geotextile Stabilization Fabric In Place (VDOT Section 245.03.d.2)	3000	SY	\$3.00	\$3.25	\$7,200.00	\$1,950.00	\$3.24	\$3.51	\$7,776.00	\$2,106.00
0200-C1-00080	Geotextile for Rip Rap Bedding In Place (VDOT Section 245.03.b)	150	SY	\$5.00	\$5.40	\$600.00	\$162.00	\$5.40	\$5.83	\$648.00	\$174.96
0200-C1-00090	Aggregate, Cement Treated (CTA), also known as "Hydraulic Cement Stabilization" (VDOT Section 307)	300	CY	\$125.00	\$135.00	\$30,000.00	\$8,100.00	\$135.00	\$145.80	\$32,400.00	\$8,748.00
0200-C1-00100	Aggregate, VDOT #1 (Compacted in Place per VDOT standards & Specs)	15	CY	\$75.00	\$80.65	\$900.00	\$241.95	\$81.00	\$87.10	\$972.00	\$261.31
0200-C1-00110	Aggregate, VDOT #2 (Compacted in Place per VDOT standards & Specs)	15	CY	\$75.00	\$80.65	\$900.00	\$241.95	\$81.00	\$87.10	\$972.00	\$261.31
0200-C1-00120	Aggregate, VDOT #8 (Compacted in Place per VDOT standards & Specs)	15	CY	\$75.00	\$80.65	\$900.00	\$241.95	\$81.00	\$87.10	\$972.00	\$261.31
0200-C1-00130	Aggregate, VDOT #21-A (Compacted in Place per VDOT standards & Specs)	4300	CY	\$65.00	\$70.00	\$223,600.00	\$60,200.00	\$70.20	\$75.60	\$241,488.00	\$65,016.00
0200-C1-00140	Aggregate, VDOT #21-B (Compacted in Place per VDOT standards & Specs)	400	CY	\$65.00	\$70.00	\$20,800.00	\$5,600.00	\$70.20	\$75.60	\$22,464.00	\$6,048.00
0200-C1-00150	Aggregate, Crusher Run VDOT #25 or approved equal (Compacted in Place per VDOT standards & Specs)	15	CY	\$85.00	\$91.40	\$1,020.00	\$274.20	\$91.80	\$98.71	\$1,101.60	\$296.14
0200-C1-00160	Aggregate, VDOT #57 (Compacted in Place per VDOT standards & Specs)	1500	CY	\$65.00	\$69.90	\$78,000.00	\$20,970.00	\$70.20	\$75.49	\$84,240.00	\$22,647.60
0210-C1-00170	Riprap, Dry Class I	15	SY	\$140.00	\$150.50	\$1,680.00	\$451.50	\$151.20	\$162.54	\$1,814.40	\$487.62
0210-C1-00180	Riprap, Dry Class II	15	SY	\$160.00	\$172.00	\$1,920.00	\$516.00	\$172.80	\$185.76	\$2,073.60	\$557.28
0210-C1-00190	Riprap, Mortared	15	SY	\$365.00	\$392.40	\$4,380.00	\$1,177.20	\$394.20	\$423.79	\$4,730.40	\$1,271.38
0210-C1-00200	Riprap, Grouted	15	SY	\$365.00	\$392.40	\$4,380.00	\$1,177.20	\$394.20	\$423.79	\$4,730.40	\$1,271.38
0210-C1-00210	Riprap, Dumped Type (1) Core Riprap	15	TON	\$140.00	\$150.50	\$1,680.00	\$451.50	\$151.20	\$162.54	\$1,814.40	\$487.62
0210-C1-00220	Riprap, Dumped Type (2) Heavy Riprap	8	TON	\$168.00	\$180.60	\$1,075.20	\$288.96	\$181.44	\$195.05	\$1,161.22	\$312.08
	SUBTOTAL					\$1,313,075.20	\$353,097.81			\$1,418,121.22	\$381,345.63
C2	CONCRETE WORK										
0310-C2-00010	Rigid Concrete, Planing or Milling	75	SY/IN	\$65.00	\$69.90	\$3,900.00	\$1,048.50	\$70.20	\$75.49	\$4,212.00	\$1,132.38
0270-C2-00020	Concrete Curb, Standard Header Curb C-3 (Arlington County Detail R-2.0), includes curb for aprons, ramps, etc.	3750	LF	\$35.00	\$37.65	\$105,000.00	\$28,237.50	\$37.80	\$40.66	\$113,400.00	\$30,496.50
0270-C2-00030	Concrete Curb, Mountable Curb at Traffic Circle (Arlington County Detail R-2.7)	375	LF	\$35.00	\$37.65	\$10,500.00	\$2,823.75	\$37.80	\$40.66	\$11,340.00	\$3,049.65
0270-C2-00040	Concrete Curb, Standard 6" (VDOT CG-2), includes curb for aprons, ramps, etc.	300	LF	\$35.00	\$37.65	\$8,400.00	\$2,259.00	\$37.80	\$40.66	\$9,072.00	\$2,439.72
0270-C2-00050	Concrete Curb, Standard 4" (VDOT CG-3), includes curb for aprons, ramps, etc.	750	LF	\$35.00	\$37.65	\$21,000.00	\$5,647.50	\$37.80	\$40.66	\$22,680.00	\$6,099.30
0270-C2-00055	BID ITEM DELETED	-	-								
0270-C2-00060	Concrete Curb & Gutter, Standard C-2 and C-2R (Arlington County Detail R-2.0), includes curb & gutter for aprons, ramps, etc.	18000	LF	\$30.00	\$32.25	\$432,000.00	\$116,100.00	\$32.40	\$34.83	\$466,560.00	\$125,388.00
0270-C2-00070	Concrete Curb & Gutter, Combination 6" (VDOT CG-6), includes curb & gutter for aprons, ramps, etc.	1500	LF	\$30.00	\$32.25	\$36,000.00	\$9,675.00	\$32.40	\$34.83	\$38,880.00	\$10,449.00
0270-C2-00080	Concrete Curb & Gutter, Combination 4" (VDOT CG-7), includes curb & gutter for aprons, ramps, etc.	1500	LF	\$30.00	\$32.25	\$36,000.00	\$9,675.00	\$32.40	\$34.83	\$38,880.00	\$10,449.00
0270-C2-00090	Standard Entrance Gutter (VDOT CG-9D)	400	LF	\$160.00	\$172.00	\$51,200.00	\$13,760.00	\$172.80	\$185.76	\$55,296.00	\$14,860.80
0270-C2-00100	Valley Gutter (Arlington County Detail R-2.9, including all materials as shown in detail)	400	SY	\$160.00	\$172.00	\$51,200.00	\$13,760.00	\$172.80	\$185.76	\$55,296.00	\$14,860.80
0811-C2-00110	Concrete Sidewalk, 4" Thickness (Arlington County Detail R-2.0)	7500	SY	\$50.00	\$53.75	\$300,000.00	\$80,625.00	\$54.00	\$58.05	\$324,000.00	\$87,075.00
0811-C2-00111	Concrete Sidewalk, 4" Thickness with WWF (VDOT Section 223.02.a.3)	1000	SY	\$54.00	\$58.05	\$43,200.00	\$11,610.00	\$58.32	\$62.69	\$46,656.00	\$12,538.80
0811-C2-00120	Concrete Sidewalk, 6" Thickness	150	SY	\$78.00	\$83.85	\$9,360.00	\$2,515.50	\$84.24	\$90.56	\$10,108.80	\$2,716.74
0811-C2-00130	CG-12 Detectable Warning Surface - Truncated Domes	150	SY	\$280.00	\$301.00	\$33,600.00	\$9,030.00	\$302.40	\$325.08	\$36,288.00	\$9,752.40
0811-C2-00121	Concrete Sidewalk, 6" Thickness with WWF (Arlington County Standard H-3.1)	1000	SY	\$82.00	\$88.15	\$65,600.00	\$17,630.00	\$88.56	\$95.20	\$70,848.00	\$19,040.40
0812-C2-00130	Concrete Pavers (Arlington County Detail R-2.1)	15	SY	\$265.00	\$285.00	\$3,180.00	\$855.00	\$286.20	\$307.80	\$3,434.40	\$923.40
0812-C2-00140	Concrete Pavers, Remove and Reset (Arlington County Detail R-2.1)	100	SY	\$275.00	\$295.75	\$22,000.00	\$5,915.00	\$297.00	\$319.41	\$23,760.00	\$6,388.20
0813-C2-00150	Concrete Paver Crosswalk (Arlington County Detail R-2.6, including all materials as shown in detail)	15	SY	\$450.00	\$483.75	\$5,400.00	\$1,451.25	\$486.00	\$522.45	\$5,832.00	\$1,567.35
0813-C2-00160	Concrete Paver Crosswalk, Remove and Reset (Arlington County Detail R-2.6, including all materials as shown in detail)	30	SY	\$275.00	\$295.75	\$6,600.00	\$1,774.50	\$297.00	\$319.41	\$7,128.00	\$1,916.46
0811-C2-00170	Concrete Driveway Entrance, 6" Thick Residential (Arlington County Details R-2.4A, R-2.4B, R-2.4C, R-2.4D)	1800	SY	\$98.00	\$105.35	\$141,200.00	\$37,926.00	\$105.84	\$113.78	\$152,409.60	\$40,960.08
0811-C2-00180	Concrete Driveway Entrance, 9" Thick Commercial (Arlington County Details R-2.4A, R-2.4B, R-2.4C, R-2.4D)	450	SY	\$150.00	\$161.25	\$54,000.00	\$14,512.50	\$162.00	\$174.15	\$58,320.00	\$15,673.50

BID TAB

ITB NO. _____

03100-C3-0000	Concrete Steps Each (Arlington County Detail R-3.0, including all reinforcing bars as shown in detail)	200	LF-W	\$75.00	\$80.65	\$12,000.00	\$3,226.00	\$81.00	\$87.10	\$12,960.00	\$3,484.08
03100-C3-0010	Concrete Pier, Cradle, or Encasement (Arlington County Detail M-3.0)	15	CY	\$650.00	\$698.75	\$7,800.00	\$2,096.25	\$702.00	\$754.65	\$8,424.00	\$2,263.95
03100-C3-0020	Concrete Pier, Cradle, or Encasement (Arlington County Detail M-7.0)	15	CY	\$650.00	\$698.75	\$7,800.00	\$2,096.25	\$702.00	\$754.65	\$8,424.00	\$2,263.95
03100-C3-0030	Concrete and Formwork (VDOT Class A3), only when not included in other pay items	300	CY	\$695.00	\$747.15	\$166,800.00	\$44,829.00	\$750.60	\$806.92	\$180,144.00	\$48,415.32
03100-C3-0040	Concrete and Formwork (VDOT Class A4), only when not included in other pay items	300	CY	\$725.00	\$780.00	\$174,000.00	\$46,800.00	\$783.00	\$842.40	\$187,920.00	\$50,544.00
03100-C3-0050	Steel Reinforcement, Welded Wire Fabric (VDOT Section 406), only when not included in other pay items	1000	LB	\$3.00	\$3.25	\$2,400.00	\$650.00	\$3.24	\$3.51	\$2,592.00	\$702.00
03100-C3-0060	Steel Reinforcement, Reinforcing Steel Bars #6 and smaller (VDOT Section 406), only when not included in other pay items	1000	LB	\$4.00	\$4.30	\$3,200.00	\$860.00	\$4.32	\$4.64	\$3,456.00	\$928.80
03100-C3-0070	Steel Reinforcement, Reinforcing Steel Bars #7 up to #10 (VDOT Section 406), only when not included in other pay items	1000	LB	\$5.00	\$5.38	\$4,000.00	\$1,076.00	\$5.40	\$5.81	\$4,320.00	\$1,162.08
SUBTOTAL						\$1,817,260.00	\$488,464.50	SUBTOTAL	\$1,962,640.80	\$527,541.66	

C3 ASPHALT WORK

02600-C3-00010	Asphalt Concrete, Planing or Milling (1/2" to 3" Depth)	2000	SY	\$12.00	\$12.90	\$19,200.00	\$5,160.00	\$12.96	\$13.93	\$20,736.00	\$5,572.80
02600-C3-00020	Asphalt Concrete, Planing or Milling (In Excess of 3" Depth)	150	SY/IN	\$80.60	\$86.65	\$9,672.00	\$2,599.50	\$87.05	\$93.58	\$10,445.76	\$2,807.46
02600-C3-00030	Asphalt Concrete, Base Course (VDOT BM-25.0A)	5250	TON	\$145.00	\$155.90	\$609,000.00	\$163,695.00	\$156.60	\$168.37	\$657,720.00	\$176,790.60
02600-C3-00040	Asphalt Concrete, Base Course (VDOT BM-25.0D)	1500	TON	\$145.00	\$155.90	\$174,000.00	\$46,770.00	\$156.60	\$168.37	\$187,920.00	\$50,511.60
02600-C3-00050	Asphalt Concrete, Intermediate Course (VDOT IM-19.0A)	100	TON	\$210.00	\$225.75	\$16,800.00	\$4,515.00	\$226.80	\$243.81	\$18,144.00	\$4,876.20
02600-C3-00060	Asphalt Concrete, Intermediate Course (VDOT IM-19.0D)	100	TON	\$210.00	\$225.75	\$16,800.00	\$4,515.00	\$226.80	\$243.81	\$18,144.00	\$4,876.20
02600-C3-00070	Asphalt Concrete, Surface Course (VDOT SM-9.5A)	1050	TON	\$135.00	\$145.15	\$113,400.00	\$30,481.50	\$145.80	\$156.76	\$122,472.00	\$32,920.02
02600-C3-00080	Asphalt Concrete, Surface Course (VDOT SM-9.5D)	1050	TON	\$135.00	\$145.15	\$113,400.00	\$30,481.50	\$145.80	\$156.76	\$122,472.00	\$32,920.02
02600-C3-00090	Asphalt Concrete, Stamped - Imprinting Hot Mix Asphalt Concrete (per Supplemental Specification 02600)	750	SF	\$18.00	\$19.35	\$10,800.00	\$2,902.50	\$19.44	\$20.90	\$11,664.00	\$3,134.70
02600-C3-00100	Asphalt Concrete, Stamped - Heating Asphalt (per Supplemental Specification 02600)	750	SF	\$18.00	\$19.35	\$10,800.00	\$2,902.50	\$19.44	\$20.90	\$11,664.00	\$3,134.70
02600-C3-00110	Asphalt Concrete, Stamped - Provide and Install Streetbond Coating (per Supplemental Specification 02600)	3000	SF	\$12.00	\$12.90	\$28,800.00	\$7,740.00	\$12.96	\$13.93	\$31,104.00	\$8,359.20
02600-C3-00120	Asphalt Concrete, Stamped - Imprinted Asphalt Patching (per Supplemental Specification 02600)	300	SF	\$48.00	\$51.60	\$11,520.00	\$3,096.00	\$51.84	\$55.73	\$12,441.60	\$3,343.68
02600-C3-00130	Asphalt Header Curb, 6"-8" (VDOT SM-9.5A)	75	LF	\$45.00	\$48.40	\$2,700.00	\$726.00	\$48.60	\$52.27	\$2,916.00	\$784.08
02600-C3-00140	Cold-Mix Asphalt (latest VDOT Standards for Cold Mix Asphalt Type P-1, P-2, and P-3)	15	TON	\$350.00	\$376.25	\$4,200.00	\$1,128.75	\$378.00	\$406.35	\$4,536.00	\$1,219.05
03100-C3-00150	Remove 8" to 10" Reinforced Concrete Paving	150	SY	\$30.00	\$32.25	\$3,600.00	\$967.50	\$32.40	\$34.83	\$3,888.00	\$1,044.90
03100-C3-00160	Remove and Replace 8" to 10" Reinforced Concrete Paving VDOT Standards PR-3, PR-4, PR-5 and PR-6)	150	SY	\$180.00	\$193.50	\$21,600.00	\$5,805.00	\$194.40	\$208.98	\$23,328.00	\$6,269.40
SUBTOTAL						\$1,166,292.00	\$313,485.75	SUBTOTAL	\$1,259,595.36	\$338,564.61	

C4 STORM SEWER UTILITY WORK

02550-C4-00010	Storm Manhole MH-1 (Arlington County Detail D-3.0), In Place, DEPTH < 8'	21	EA	\$7,900.00	\$8,492.50	\$132,720.00	\$35,668.50	\$8,532.00	\$9,171.90	\$143,337.60	\$38,521.98
02550-C4-00020	Storm Manhole MH-2 (Arlington County Detail D-3.3), In Place, DEPTH < 8'	9	EA	\$8,900.00	\$9,567.50	\$64,080.00	\$17,221.50	\$9,612.00	\$10,332.90	\$69,206.40	\$18,599.22
02550-C4-00030	Storm Manhole MH-3 (Arlington County Detail D-3.4), In Place, DEPTH < 8'	9	EA	\$11,800.00	\$12,685.00	\$84,960.00	\$22,833.00	\$12,744.00	\$13,699.80	\$91,756.80	\$24,659.64
02550-C4-00040	Storm Manhole MH-4 (Arlington County Detail D-3.5), In Place, DEPTH < 8'	9	EA	\$9,900.00	\$10,642.50	\$71,280.00	\$19,156.50	\$10,692.00	\$11,493.90	\$76,982.40	\$20,689.02
02550-C4-00050	Storm Manhole (VDOT MH-1, MH1-A), In Place, DEPTH < 8'	17	EA	\$8,900.00	\$9,567.50	\$121,040.00	\$32,529.50	\$9,612.00	\$10,332.90	\$130,723.20	\$35,131.86
02550-C4-00060	Storm Manhole PH-1 (Arlington County Detail D-3.1), In Place, DEPTH < 8'	25	EA	\$8,900.00	\$9,567.50	\$178,000.00	\$47,837.50	\$9,612.00	\$10,332.90	\$192,240.00	\$51,664.50
02550-C4-00070	Storm Manhole (VDOT MH-2), In Place, DEPTH < 8'	9	VF	\$1,050.00	\$1,128.75	\$7,560.00	\$2,031.75	\$1,134.00	\$1,219.05	\$8,164.80	\$2,194.29
02550-C4-00080	Storm Manhole MH-1 (Arlington County Detail D-3.0), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,050.00	\$1,128.75	\$16,800.00	\$4,515.00	\$1,134.00	\$1,219.05	\$18,144.00	\$4,876.20
02550-C4-00090	Storm Manhole PH-1 (Arlington County Detail D-3.1), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,050.00	\$1,128.75	\$16,800.00	\$4,515.00	\$1,134.00	\$1,219.05	\$18,144.00	\$4,876.20
02550-C4-00100	Storm Manhole MH-2 (Arlington County Detail D-3.3), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,250.00	\$1,343.75	\$20,000.00	\$5,375.00	\$1,350.00	\$1,451.25	\$21,600.00	\$5,805.00
02550-C4-00110	Storm Manhole MH-3 (Arlington County Detail D-3.4), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,500.00	\$1,612.50	\$24,000.00	\$6,450.00	\$1,620.00	\$1,741.50	\$25,920.00	\$6,966.00
02550-C4-00120	Storm Manhole MH-4 (Arlington County Detail D-3.5), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,300.00	\$1,397.50	\$20,800.00	\$5,590.00	\$1,404.00	\$1,509.30	\$22,464.00	\$6,037.20
02550-C4-00130	Storm Manhole (VDOT MH-1, MH1-A), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,050.00	\$1,128.75	\$16,800.00	\$4,515.00	\$1,134.00	\$1,219.05	\$18,144.00	\$4,876.20
02550-C4-00140	Storm Manhole (VDOT MH-2), In Place, PER ADDITIONAL VF OVER 8'	20	VF	\$1,050.00	\$1,128.75	\$16,800.00	\$4,515.00	\$1,134.00	\$1,219.05	\$18,144.00	\$4,876.20
02550-C4-00150	CB-2 (Arlington County Standards), In Place Up to 6' Deep	30	EA	\$6,900.00	\$7,417.50	\$165,600.00	\$44,505.00	\$7,452.00	\$8,010.90	\$178,948.00	\$48,065.40
02550-C4-00160	CB-2 (Arlington County Standards), Each VF Over 6' Deep	50	VF	\$950.00	\$1,021.25	\$38,000.00	\$10,212.50	\$1,026.00	\$1,102.95	\$41,040.00	\$11,029.50
02550-C4-00170	CB-2A or CB-2B (throat lengths from 8'-6" up to 16'-0"), In Place Up to 6' Deep, Arlington County Standards	15	EA	\$9,500.00	\$10,212.50	\$114,000.00	\$30,637.50	\$10,260.00	\$11,029.50	\$123,120.00	\$33,088.50
02550-C4-00180	CB-2A or CB-2B (throat lengths from 8'-6" up to 16'-0"), Each VF Over 6' Deep, Arlington County Standards	30	VF	\$1,050.00	\$1,128.75	\$25,200.00	\$6,772.50	\$1,134.00	\$1,219.05	\$27,216.00	\$7,314.30
02550-C4-00190	CB-4, In Place Up to 6' Deep, Arlington County Standards	2	EA	\$9,500.00	\$10,212.50	\$15,200.00	\$4,085.00	\$10,260.00	\$11,029.50	\$16,416.00	\$4,411.80
02550-C4-00200	CB-4, Each VF Over 6' Deep, Arlington County Standards	10	VF	\$1,050.00	\$1,128.75	\$8,400.00	\$2,257.50	\$1,134.00	\$1,219.05	\$9,072.00	\$2,438.10
02550-C4-00210	PCB-2, In Place Up to 6' Deep, Arlington County Standards	20	EA	\$7,200.00	\$7,740.00	\$115,200.00	\$30,960.00	\$7,776.00	\$8,359.20	\$124,416.00	\$33,436.80
02550-C4-00220	PCB-2, Each VF Over 6' Deep, Arlington County Standards	10	VF	\$950.00	\$1,021.25	\$7,600.00	\$2,042.50	\$1,026.00	\$1,102.95	\$8,208.00	\$2,205.90
02550-C4-00230	Curb Drop Inlet, Standard VDOT DI-1 (12" to 24" Pipe), In Place Up to 10' Deep	8	EA	\$6,200.00	\$6,665.00	\$39,680.00	\$10,664.00	\$6,696.00	\$7,198.20	\$42,854.40	\$11,517.12
02550-C4-00240	Curb Drop Inlet, Standard VDOT DI-2A (12" to 24" Pipe), In Place Up to 9' Deep	8	EA	\$6,400.00	\$6,880.00	\$40,960.00	\$11,008.00	\$6,912.00	\$7,430.40	\$44,236.80	\$11,888.64
02550-C4-00250	Curb Drop Inlet, Standard VDOT DI-2B (12" to 24" Pipe), In Place Up to 9' Deep, Inlet Throat Length 4' to 20'	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80
02550-C4-00260	Curb Drop Inlet, Standard VDOT DI-2C (12" to 24" Pipe), In Place Up to 9' Deep, Inlet Throat Length 6' to 20'	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80
02550-C4-00270	Curb Drop Inlet, Standard VDOT DI-2D (30" to 48" Pipe), In Place Up to 9' Deep	8	EA	\$10,900.00	\$11,717.50	\$69,760.00	\$18,748.00	\$11,772.00	\$12,654.90	\$75,340.80	\$20,247.84
02550-C4-00280	Curb Drop Inlet, Standard VDOT DI-2E (30" to 48" Pipe), In Place Up to 9' Deep, Inlet Throat Length 6' to 20'	8	EA	\$14,500.00	\$15,587.50	\$92,800.00	\$24,940.00	\$15,660.00	\$16,834.50	\$100,224.00	\$26,935.20
02550-C4-00290	Curb Drop Inlet, Standard VDOT DI-2F (30" to 48" Pipe), In Place Up to 9' Deep, Inlet Throat Length 6' to 20'	8	EA	\$14,500.00	\$15,587.50	\$92,800.00	\$24,940.00	\$15,660.00	\$16,834.50	\$100,224.00	\$26,935.20
02550-C4-00300	Curb Drop Inlet, Standard VDOT DI-3A (12" to 30" Pipe), In Place Up to 8' Deep	8	EA	\$7,500.00	\$8,062.50	\$48,000.00	\$12,900.00	\$8,100.00	\$8,707.50	\$51,840.00	\$13,932.00
02550-C4-00310	Curb Drop Inlet, Standard VDOT DI-3AA (12" to 30" Pipe), Each VF Over 8' Deep	8	VF	\$1,500.00	\$1,612.50	\$9,600.00	\$2,580.00	\$1,620.00	\$1,741.50	\$10,368.00	\$2,786.40
02550-C4-00320	Curb Drop Inlet, Standard VDOT DI-3B (12" to 30" Pipe), In Place Up to 8' Deep, Inlet Throat Length 4' to 20'	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80

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0250-C4-00050	Curb Drop Inlet, Standard VDOT DI-3BB (12" to 30" Pipe), Each VF Over 8' Deep, Inlet Throat Length 4' to 20'	8	VF	\$1,700.00	\$1,827.50	\$10,880.00	\$2,924.00	\$1,836.00	\$1,973.70	\$11,750.40	\$3,157.92
0250-C4-00070	Curb Drop Inlet, Standard VDOT DI-3C (12" to 30" Pipe), In Place Up to 8' Deep, Inlet Throat Length 6' to 20'	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80
0250-C4-00080	Curb Drop Inlet, Standard VDOT DI-3CC (12" to 30" Pipe), Each VF Over 8' Deep, Inlet Throat Length 6' to 20'	8	VF	\$2,200.00	\$2,365.00	\$14,080.00	\$3,784.00	\$2,376.00	\$2,554.20	\$15,206.40	\$4,086.72
0250-C4-00090	Curb Drop Inlet, Standard (with Utility Space) VDOT DI-3D (12" to 30" Pipe), In Place Up to 8' Deep	8	EA	\$8,900.00	\$9,567.50	\$56,960.00	\$15,308.00	\$9,612.00	\$10,332.90	\$61,516.80	\$16,532.64
0250-C4-00000	Curb Drop Inlet, Standard (with Utility Space) VDOT DI-3E (12" to 30" Pipe), In Place Up to 8' Deep, Inlet Throat Length 4' to 20'	8	EA	\$11,500.00	\$12,362.50	\$73,600.00	\$19,780.00	\$12,420.00	\$13,351.50	\$79,488.00	\$21,362.40
0250-C4-00010	Curb Drop Inlet, Standard (with Utility Space) VDOT DI-3F (12" to 30" Pipe), In Place Up to 8' Deep, Inlet Throat Length 6' to 20'	8	EA	\$11,500.00	\$12,362.50	\$73,600.00	\$19,780.00	\$12,420.00	\$13,351.50	\$79,488.00	\$21,362.40
0250-C4-00020	Curb Drop Inlet, Standard VDOT DI-4A (36" to 48" Pipe), In Place Up to 8' Deep	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80
0250-C4-00030	Curb Drop Inlet, Standard VDOT DI-4B (36" to 48" Pipe), In Place Up to 8' Deep, Inlet Throat Length 6' to 20'	8	EA	\$12,500.00	\$13,437.50	\$80,000.00	\$21,500.00	\$13,500.00	\$14,512.50	\$86,400.00	\$23,220.00
0250-C4-00040	Curb Drop Inlet, Standard VDOT DI-4C (36" to 48" Pipe), In Place Up to 8' Deep, Inlet Throat Length 8' to 20'	8	EA	\$12,500.00	\$13,437.50	\$80,000.00	\$21,500.00	\$13,500.00	\$14,512.50	\$86,400.00	\$23,220.00
0250-C4-00050	Curb Drop Inlet, Standard (with Utility Space) VDOT DI-4D (36" to 48" Pipe), In Place Up to 8' Deep	8	EA	\$13,600.00	\$14,620.00	\$87,040.00	\$23,392.00	\$14,688.00	\$15,789.60	\$94,003.20	\$25,263.36
0250-C4-00060	Curb Drop Inlet, Standard (with Utility Space) VDOT DI-4E (36" to 48" Pipe), In Place Up to 8' Deep, Inlet Throat Length 6' to 20'	8	EA	\$16,500.00	\$17,737.50	\$105,600.00	\$28,380.00	\$17,820.00	\$19,156.50	\$114,048.00	\$30,650.40
0250-C4-00070	Curb Drop Inlet, Standard (with Utility Space) VDOT DI-4F (36" to 48" Pipe), In Place Up to 8' Deep, Inlet Throat Length 8' to 20'	8	EA	\$16,500.00	\$17,737.50	\$105,600.00	\$28,380.00	\$17,820.00	\$19,156.50	\$114,048.00	\$30,650.40
0250-C4-00020	Standard Ditch Drop Inlet, VDOT DI-5 (12" to 42" Pipe), All Depths	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80
0250-C4-00025	Grate Inlet, Standard VDOT DI-7 (12" to 42" Pipe), All Depths	8	EA	\$10,500.00	\$11,287.50	\$67,200.00	\$18,060.00	\$11,340.00	\$12,190.50	\$72,576.00	\$19,504.80
0250-C4-00026	15" Pipe Tee Section Drop Inlet, VDOT DI-9, All depths (PRECAST)	5	EA	\$8,200.00	\$8,815.00	\$32,800.00	\$8,815.00	\$8,856.00	\$9,520.20	\$35,424.00	\$9,520.20
0250-C4-00030	Yard Inlet (Arlington County Detail D-1.10), In Place Up to 6' Deep	8	EA	\$5,800.00	\$6,235.00	\$37,120.00	\$9,976.00	\$6,264.00	\$6,733.80	\$40,089.60	\$10,774.08
0250-C4-00030	Yard Inlet (Arlington County Detail D-1.10), Each VF Over 6' Deep	8	VF	\$875.00	\$940.65	\$5,600.00	\$1,505.04	\$945.00	\$1,015.90	\$6,048.00	\$1,625.44
0250-C4-00000	Yard Inlet Pre-Cast (Arlington County Detail D-1.11), In Place Up to 6' Deep	8	EA	\$5,800.00	\$6,235.00	\$37,120.00	\$9,976.00	\$6,264.00	\$6,733.80	\$40,089.60	\$10,774.08
0250-C4-00010	Yard Inlet Pre-Cast (Arlington County Detail D-1.11), Each VF Over 6' Deep	8	VF	\$850.00	\$913.75	\$5,440.00	\$1,462.00	\$918.00	\$986.85	\$5,875.20	\$1,578.96
0250-C4-00030	Grate Inlet Non-roadway Shallow (Arlington County Detail D-1.9), In Place Up to 6' Deep	10	EA	\$5,600.00	\$6,020.00	\$44,800.00	\$12,040.00	\$6,048.00	\$6,501.60	\$48,384.00	\$13,003.20
0250-C4-00040	Grate Inlet Non-roadway Shallow (Arlington County Detail D-1.9), Each VF Over 6' Deep	10	VF	\$860.00	\$924.50	\$6,880.00	\$1,849.00	\$928.80	\$998.46	\$7,430.40	\$1,996.92
0250-C4-00050	Grate Inlet Driveway (Arlington County Detail D-1.12)	10	LF	\$1,250.00	\$1,343.75	\$10,000.00	\$2,687.50	\$1,350.00	\$1,451.25	\$10,800.00	\$2,902.50
0250-C4-00060	Storm Manhole Frame and Cover, Remove & Replace	8	EA	\$1,400.00	\$1,505.00	\$8,960.00	\$2,408.00	\$1,512.00	\$1,625.40	\$9,676.80	\$2,600.64
0250-C4-00070	Catch Basin Structure Top, Remove & Replace	8	EA	\$5,400.00	\$5,805.00	\$34,560.00	\$9,288.00	\$5,832.00	\$6,269.40	\$37,324.80	\$10,031.04
0250-C4-00080	Drop Inlet Structure Top, Remove & Replace	8	EA	\$4,800.00	\$5,160.00	\$30,720.00	\$8,256.00	\$5,184.00	\$5,572.80	\$33,177.60	\$8,916.48
0250-C4-00090	Adjust Storm Manhole to New Grade (Arlington County Detail S-2.5), Type A	60	EA	\$1,900.00	\$2,042.50	\$91,200.00	\$24,510.00	\$2,052.00	\$2,205.90	\$98,496.00	\$26,470.80
0250-C4-00000	Adjust Storm Manhole to New Grade (Arlington County Detail S-2.5), Type B	8	EA	\$2,500.00	\$2,687.50	\$16,000.00	\$4,300.00	\$2,700.00	\$2,902.50	\$17,280.00	\$4,644.00
0250-C4-00010	Adjust Storm Manhole to New Grade (Arlington County Detail S-2.5), Type C	8	EA	\$3,100.00	\$3,332.50	\$19,840.00	\$5,332.00	\$3,348.00	\$3,599.10	\$21,427.20	\$5,758.56
0250-C4-00020	Convert Catch Basin to Manhole	20	EA	\$3,900.00	\$4,192.50	\$62,400.00	\$16,770.00	\$4,212.00	\$4,527.90	\$67,392.00	\$18,111.60
0250-C4-00030	Convert Grate Inlet to Catch Basin	8	EA	\$6,100.00	\$6,557.50	\$39,040.00	\$10,492.00	\$6,588.00	\$7,082.10	\$42,163.20	\$11,331.36
0250-C4-00040	Partial Wall Repair of Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	400	SF	\$65.00	\$69.90	\$20,800.00	\$5,592.00	\$70.20	\$75.49	\$22,464.00	\$6,039.36
0250-C4-00050	Core Drill and Connect 15" to 24" Dia Concrete Pipe to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	15	EA	\$3,900.00	\$4,192.50	\$46,800.00	\$12,577.50	\$4,212.00	\$4,527.90	\$50,544.00	\$13,583.70
0250-C4-00051	Core Drill and Connect 27" to 42" Dia Concrete Pipe to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	15	LF	\$6,500.00	\$6,987.50	\$78,000.00	\$20,962.50	\$7,020.00	\$7,546.50	\$84,240.00	\$22,639.50
0250-C4-00052	Core Drill and Connect 8" to 14" Dia Ductile Iron Pipe to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	15	LF	\$3,200.00	\$3,440.00	\$38,400.00	\$10,320.00	\$3,456.00	\$3,715.20	\$41,472.00	\$11,145.60
0250-C4-00053	Core Drill and Connect 16" to 24" Dia Ductile Iron Pipe to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	15	LF	\$4,200.00	\$4,515.00	\$50,400.00	\$13,545.00	\$4,536.00	\$4,876.20	\$54,432.00	\$14,628.60
0250-C4-00050	Core Drill and Connect PVC or HDPE Pipe (up to 6" diameter) to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	15	EA	\$950.00	\$1,021.25	\$11,400.00	\$3,063.75	\$1,026.00	\$1,102.95	\$12,312.00	\$3,308.85
0250-C4-00070	Core Drill and Connect PVC or HDPE Pipe (8" to 15" diameter) to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	15	EA	\$1,950.00	\$2,096.25	\$23,400.00	\$6,288.75	\$2,106.00	\$2,263.95	\$25,272.00	\$6,791.85
0250-C4-00080	BID ITEM DELETED	-	-								
0250-C4-00090	BID ITEM DELETED	-	-								
0250-C4-00000	Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet, Remove	15	EA	\$2,200.00	\$2,365.00	\$26,400.00	\$7,095.00	\$2,376.00	\$2,554.20	\$28,512.00	\$7,662.60
0250-C4-00010	Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet, Abandon	15	EA	\$2,400.00	\$2,580.00	\$28,800.00	\$7,740.00	\$2,592.00	\$2,786.40	\$31,104.00	\$8,359.20
0250-C4-00020	15" Pipe, RCP Class III, In Place Up to 6' Deep	750	LF	\$140.00	\$150.50	\$84,000.00	\$22,575.00	\$151.20	\$162.54	\$90,720.00	\$24,381.00
0250-C4-00030	15" Pipe, RCP Class III, In Place Up to 8' Deep	150	LF	\$148.00	\$159.10	\$17,760.00	\$4,773.00	\$159.84	\$171.83	\$19,180.80	\$5,154.84
0250-C4-00040	18" Pipe, RCP Class III, In Place Up to 6' Deep	450	LF	\$140.00	\$150.50	\$50,400.00	\$13,545.00	\$151.20	\$162.54	\$54,432.00	\$14,628.60
0250-C4-00050	18" Pipe, RCP Class III, In Place Up to 9' Deep	75	LF	\$160.00	\$172.00	\$9,600.00	\$2,580.00	\$172.80	\$185.76	\$10,368.00	\$2,786.40
0250-C4-00060	21" Pipe, RCP Class III, In Place Up to 6' Deep	300	LF	\$148.00	\$159.10	\$35,520.00	\$9,546.00	\$159.84	\$171.83	\$38,361.60	\$10,309.68
0250-C4-00070	21" Pipe, RCP Class III, In Place Up to 10' Deep	75	LF	\$175.00	\$188.15	\$10,500.00	\$2,822.25	\$189.00	\$203.20	\$11,340.00	\$3,048.03
0250-C4-00080	24" Pipe, RCP Class III, In Place Up to 6' Deep	150	LF	\$160.00	\$172.00	\$19,200.00	\$5,160.00	\$172.80	\$185.76	\$20,736.00	\$5,572.80
0250-C4-00090	24" Pipe, RCP Class III, In Place Up to 11' Deep	40	LF	\$200.00	\$215.00	\$6,400.00	\$1,720.00	\$216.00	\$232.20	\$6,912.00	\$1,857.60
0250-C4-00000	27" Pipe, RCP Class III, In Place Up to 6' Deep	150	LF	\$168.00	\$180.60	\$20,160.00	\$5,418.00	\$181.44	\$195.05	\$21,772.80	\$5,851.44
0250-C4-00010	27" Pipe, RCP Class III, In Place Up to 11' Deep	40	LF	\$280.00	\$301.00	\$8,960.00	\$2,408.00	\$302.40	\$325.08	\$9,676.80	\$2,600.64
0250-C4-00020	30" Pipe, RCP Class III, In Place Up to 6' Deep	150	LF	\$200.00	\$215.00	\$24,000.00	\$6,450.00	\$216.00	\$232.20	\$25,920.00	\$6,966.00
0250-C4-00030	30" Pipe, RCP Class III, In Place Up to 12' Deep	40	LF	\$280.00	\$301.00	\$8,960.00	\$2,408.00	\$302.40	\$325.08	\$9,676.80	\$2,600.64
0250-C4-00040	33" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$220.00	\$236.50	\$13,200.00	\$3,547.50	\$237.60	\$255.42	\$14,256.00	\$3,831.30
0250-C4-00050	33" Pipe, RCP Class III, In Place Up to 12' Deep	15	LF	\$360.00	\$387.00	\$4,320.00	\$1,161.00	\$388.80	\$417.96	\$4,665.60	\$1,253.88
0250-C4-00060	36" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$240.00	\$258.00	\$14,400.00	\$3,870.00	\$279.20	\$295.20	\$15,552.00	\$4,179.60
0250-C4-00070	36" Pipe, RCP Class III, In Place Up to 13' Deep	15	LF	\$360.00	\$387.00	\$4,320.00	\$1,161.00	\$388.80	\$417.96	\$4,665.60	\$1,253.88
0250-C4-00080	42" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$290.00	\$311.75	\$17,400.00	\$4,676.25	\$313.20	\$336.69	\$18,792.00	\$5,050.35
0250-C4-00090	42" Pipe, RCP Class III, In Place Up to 13' Deep	15	LF	\$420.00	\$451.50	\$5,040.00	\$1,354.50	\$453.60	\$487.62	\$5,443.20	\$1,462.86

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0250-CA-00800	48" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$320.00	\$344.00	\$19,200.00	\$5,160.00	\$345.60	\$371.52	\$20,736.00	\$5,572.80
0250-CA-00810	48" Pipe, RCP Class III, In Place 6' to 13' Deep	15	LF	\$490.00	\$526.75	\$5,880.00	\$1,580.25	\$529.20	\$568.89	\$6,350.40	\$1,706.67
0250-CA-00811	54" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$420.00	\$451.50	\$25,200.00	\$6,772.50	\$453.60	\$487.62	\$27,216.00	\$7,314.30
0250-CA-00812	54" Pipe, RCP Class III, In Place 6' to 13' Deep	15	LF	\$590.00	\$634.25	\$7,080.00	\$1,902.75	\$637.20	\$684.99	\$7,646.40	\$2,054.97
0250-CA-00813	60" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$420.00	\$451.50	\$25,200.00	\$6,772.50	\$453.60	\$487.62	\$27,216.00	\$7,314.30
0250-CA-00814	60" Pipe, RCP Class III, In Place 6' to 13' Deep	15	LF	\$690.00	\$741.75	\$8,280.00	\$2,225.25	\$745.20	\$801.09	\$8,942.40	\$2,403.27
0250-CA-00815	66" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$575.00	\$618.15	\$34,500.00	\$9,275.25	\$621.00	\$667.60	\$37,260.00	\$10,014.03
0250-CA-00816	66" Pipe, RCP Class III, In Place 6' to 13' Deep	15	LF	\$750.00	\$806.25	\$9,000.00	\$2,418.75	\$810.00	\$870.75	\$9,720.00	\$2,612.25
0250-CA-00817	72" Pipe, RCP Class III, In Place Up to 6' Deep	75	LF	\$690.00	\$741.75	\$41,400.00	\$11,126.25	\$745.20	\$801.09	\$44,712.00	\$12,016.35
0250-CA-00818	72" Pipe, RCP Class III, In Place 6' to 13' Deep	15	LF	\$1,100.00	\$1,182.50	\$13,200.00	\$3,547.50	\$1,188.00	\$1,277.10	\$14,256.00	\$3,831.30
0250-CA-00820	15" Pipe, RCP Class IV, In Place Up to 6' Deep	200	LF	\$140.00	\$150.50	\$22,400.00	\$6,020.00	\$151.20	\$162.54	\$24,192.00	\$6,501.60
0250-CA-00820	15" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$180.00	\$193.50	\$5,760.00	\$1,548.00	\$194.40	\$208.98	\$6,220.80	\$1,671.84
0250-CA-00840	15" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$240.00	\$258.00	\$7,680.00	\$2,064.00	\$259.20	\$278.64	\$8,294.40	\$2,229.12
0250-CA-00850	18" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$140.00	\$150.50	\$8,400.00	\$2,257.50	\$151.20	\$162.54	\$9,072.00	\$2,438.10
0250-CA-00860	18" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$160.00	\$172.00	\$5,120.00	\$1,376.00	\$172.80	\$185.76	\$5,529.60	\$1,486.08
0250-CA-00870	18" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$220.00	\$236.50	\$7,040.00	\$1,892.00	\$237.60	\$255.42	\$7,603.20	\$2,043.36
0250-CA-00880	21" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$160.00	\$172.00	\$9,600.00	\$2,580.00	\$172.80	\$185.76	\$10,368.00	\$2,786.40
0250-CA-00890	21" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$200.00	\$215.00	\$6,400.00	\$1,720.00	\$216.00	\$232.20	\$6,912.00	\$1,857.60
0250-CA-00890	21" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$260.00	\$279.50	\$8,320.00	\$2,236.00	\$280.80	\$301.86	\$8,985.60	\$2,414.88
0250-CA-00910	24" Pipe, RCP Class IV, In Place Up to 6' Deep	150	LF	\$180.00	\$193.50	\$21,600.00	\$5,805.00	\$194.40	\$208.98	\$23,328.00	\$6,269.40
0250-CA-00920	24" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$240.00	\$258.00	\$7,680.00	\$2,064.00	\$259.20	\$278.64	\$8,294.40	\$2,229.12
0250-CA-00930	24" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$290.00	\$311.75	\$9,280.00	\$2,494.00	\$313.20	\$336.69	\$10,024.00	\$2,693.52
0250-CA-00940	30" Pipe, RCP Class IV, In Place Up to 6' Deep	150	LF	\$280.00	\$301.00	\$33,600.00	\$9,030.00	\$302.40	\$325.08	\$36,288.00	\$9,752.40
0250-CA-00950	30" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$320.00	\$344.00	\$10,240.00	\$2,752.00	\$345.60	\$371.52	\$11,059.20	\$2,972.16
0250-CA-00960	30" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$360.00	\$387.00	\$11,520.00	\$3,096.00	\$388.80	\$417.96	\$12,441.60	\$3,343.68
0250-CA-00970	33" Pipe, RCP Class IV, In Place Up to 6' Deep	150	LF	\$260.00	\$279.50	\$31,200.00	\$8,385.00	\$280.80	\$301.86	\$33,696.00	\$9,055.80
0250-CA-00980	33" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$320.00	\$344.00	\$10,240.00	\$2,752.00	\$345.60	\$371.52	\$11,059.20	\$2,972.16
0250-CA-00990	33" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$380.00	\$408.50	\$12,160.00	\$3,268.00	\$410.40	\$441.18	\$13,132.80	\$3,529.44
0250-CA-01000	36" Pipe, RCP Class IV, In Place Up to 6' Deep	150	LF	\$240.00	\$258.00	\$28,800.00	\$7,740.00	\$259.20	\$278.64	\$31,104.00	\$8,359.20
0250-CA-01010	36" Pipe, RCP Class IV, In Place 6' to 10' Deep	40	LF	\$360.00	\$387.00	\$11,520.00	\$3,096.00	\$388.80	\$417.96	\$12,441.60	\$3,343.68
0250-CA-01020	36" Pipe, RCP Class IV, In Place 10' to 16' Deep	40	LF	\$420.00	\$451.50	\$13,440.00	\$3,612.00	\$453.60	\$487.62	\$14,515.20	\$3,900.96
0250-CA-01030	42" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$330.00	\$354.75	\$19,800.00	\$5,321.25	\$356.40	\$383.13	\$21,384.00	\$5,746.95
0250-CA-01040	42" Pipe, RCP Class IV, In Place 6' to 10' Deep	15	LF	\$400.00	\$430.00	\$4,800.00	\$1,290.00	\$432.00	\$464.40	\$5,184.00	\$1,393.20
0250-CA-01050	42" Pipe, RCP Class IV, In Place 10' to 16' Deep	15	LF	\$460.00	\$494.50	\$5,520.00	\$1,483.50	\$496.80	\$534.06	\$5,961.60	\$1,602.18
0250-CA-01060	48" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$350.00	\$376.25	\$21,000.00	\$5,643.75	\$378.00	\$406.35	\$22,680.00	\$6,095.25
0250-CA-01070	48" Pipe, RCP Class IV, In Place 6' to 10' Deep	15	LF	\$420.00	\$451.50	\$5,040.00	\$1,354.50	\$453.60	\$487.62	\$5,443.20	\$1,462.86
0250-CA-01080	48" Pipe, RCP Class IV, In Place 10' to 16' Deep	15	LF	\$520.00	\$559.00	\$6,240.00	\$1,677.00	\$561.60	\$603.72	\$6,739.20	\$1,811.16
0250-CA-01081	54" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$480.00	\$516.00	\$28,800.00	\$7,740.00	\$518.40	\$557.28	\$31,104.00	\$8,359.20
0250-CA-01082	54" Pipe, RCP Class IV, In Place 6' to 10' Deep	15	LF	\$560.00	\$602.00	\$6,720.00	\$1,806.00	\$604.80	\$650.16	\$7,257.60	\$1,950.48
0250-CA-01083	54" Pipe, RCP Class IV, In Place 10' to 16' Deep	15	LF	\$680.00	\$731.00	\$8,160.00	\$2,193.00	\$734.40	\$789.48	\$8,812.80	\$2,368.44
0250-CA-01084	60" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$530.00	\$569.75	\$31,800.00	\$8,546.25	\$572.40	\$615.33	\$34,344.00	\$9,229.95
0250-CA-01085	60" Pipe, RCP Class IV, In Place 6' to 10' Deep	15	LF	\$635.00	\$682.65	\$7,620.00	\$2,047.95	\$685.80	\$737.26	\$8,229.60	\$2,211.79
0250-CA-01086	60" Pipe, RCP Class IV, In Place 10' to 16' Deep	15	LF	\$720.00	\$774.00	\$8,640.00	\$2,322.00	\$777.60	\$835.92	\$9,331.20	\$2,507.76
0250-CA-01087	66" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$635.00	\$683.65	\$38,100.00	\$10,254.75	\$685.80	\$738.34	\$41,148.00	\$11,075.13
0250-CA-01088	66" Pipe, RCP Class IV, In Place 6' to 10' Deep	15	LF	\$725.00	\$780.00	\$8,700.00	\$2,340.00	\$783.00	\$842.40	\$9,396.00	\$2,527.20
0250-CA-01089	66" Pipe, RCP Class IV, In Place 10' to 16' Deep	15	LF	\$850.00	\$915.00	\$10,200.00	\$2,745.00	\$918.00	\$988.20	\$11,016.00	\$2,964.60
0250-CA-01090	72" Pipe, RCP Class IV, In Place Up to 6' Deep	75	LF	\$865.00	\$921.00	\$49,200.00	\$13,222.50	\$885.60	\$952.02	\$53,136.00	\$14,280.30
0250-CA-01091	72" Pipe, RCP Class IV, In Place 6' to 10' Deep	15	LF	\$865.00	\$930.00	\$10,380.00	\$2,790.00	\$934.20	\$1,004.40	\$11,210.40	\$3,012.20
0250-CA-01092	72" Pipe, RCP Class IV, In Place 10' to 16' Deep	15	LF	\$1,050.00	\$1,128.75	\$12,600.00	\$3,386.25	\$1,134.00	\$1,219.05	\$13,608.00	\$3,657.15
0250-CA-01090	ARCH Pipe 18" x 11" (15" Equivalent), RCP Class III, In Place Up to 6' Deep	100	LF	\$160.00	\$172.00	\$12,800.00	\$3,440.00	\$172.80	\$185.76	\$13,824.00	\$3,715.20
0250-CA-01100	ARCH Pipe 18" x 11" (15" Equivalent), RCP Class IV, In Place Up to 6' Deep	20	LF	\$220.00	\$236.50	\$3,520.00	\$946.00	\$237.60	\$255.42	\$3,801.60	\$1,021.68
0250-CA-01110	23" x 14" Elliptical Pipe (18" Equivalent), RCP Class III, In Place Up to 6' Deep	100	LF	\$160.00	\$172.00	\$12,800.00	\$3,440.00	\$172.80	\$185.76	\$13,824.00	\$3,715.20
0250-CA-01120	23" x 14" Elliptical Pipe (18" Equivalent), RCP Class III, In Place 6' to 10' Deep	20	LF	\$280.00	\$301.00	\$4,480.00	\$1,204.00	\$302.40	\$325.08	\$4,838.40	\$1,300.32
0250-CA-01130	30" x 19" Elliptical Pipe (24" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$220.00	\$236.50	\$13,200.00	\$3,547.50	\$237.60	\$255.42	\$14,256.00	\$3,831.30
0250-CA-01140	30" x 19" Elliptical Pipe (24" Equivalent), RCP Class III, In Place 6' to 10' Deep	15	LF	\$320.00	\$344.00	\$3,840.00	\$1,032.00	\$345.60	\$371.52	\$4,147.20	\$1,114.56
0250-CA-01150	38" x 24" Elliptical Pipe (30" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$260.00	\$279.50	\$15,600.00	\$4,192.50	\$280.80	\$301.86	\$16,848.00	\$4,527.90
0250-CA-01160	38" x 24" Elliptical Pipe (30" Equivalent), RCP Class III, In Place 6' to 10' Deep	15	LF	\$420.00	\$451.50	\$5,040.00	\$1,354.50	\$453.60	\$487.62	\$5,443.20	\$1,462.86
0250-CA-01170	45" x 29" Elliptical Pipe (36" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$290.00	\$311.75	\$17,400.00	\$4,676.25	\$313.20	\$336.69	\$18,792.00	\$5,050.35
0250-CA-01180	45" x 29" Elliptical Pipe (36" Equivalent), RCP Class III, In Place 6' to 10' Deep	15	LF	\$450.00	\$483.75	\$5,400.00	\$1,451.25	\$486.00	\$522.45	\$5,832.00	\$1,567.35
0250-CA-01181	53" x 34" Elliptical Pipe (42" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$350.00	\$376.25	\$21,000.00	\$5,643.75	\$378.00	\$406.35	\$22,680.00	\$6,095.25
0250-CA-01182	53" x 34" Elliptical Pipe (42" Equivalent), RCP Class III, In Place 6' to 13' Deep	15	LF	\$480.00	\$516.00	\$5,760.00	\$1,548.00	\$518.40	\$557.28	\$6,220.80	\$1,671.84
0250-CA-01183	60" x 38" Elliptical Pipe (48" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$410.00	\$440.75	\$24,600.00	\$6,611.25	\$442.80	\$476.01	\$26,568.00	\$7,140.15
0250-CA-01184	60" x 38" Elliptical Pipe (48" Equivalent), RCP Class III, In Place 6' to 13' Deep	15	LF	\$550.00	\$591.25	\$6,600.00	\$1,773.75	\$594.00	\$638.55	\$7,128.00	\$1,915.65
0250-CA-01185	68" x 43" Elliptical Pipe (54" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$520.00	\$559.00	\$31,200.00	\$8,385.00	\$561.60	\$603.72	\$33,696.00	\$9,055.80
0250-CA-01186	68" x 43" Elliptical Pipe (54" Equivalent), RCP Class III, In Place 6' to 13' Deep	15	LF	\$720.00	\$774.00	\$8,640.00	\$2,322.00	\$777.60	\$835.92	\$9,331.20	\$2,507.76
0250-CA-01187	76" x 48" Elliptical Pipe (60" Equivalent), RCP Class III, In Place Up to 6' Deep	75	LF	\$590.00	\$634.25	\$35,400.00	\$9,513.75	\$637.20	\$684.99	\$38,232.00	\$10,274.85
0250-CA-01188	76" x 48" Elliptical Pipe (60" Equivalent), RCP Class III, In Place 6' to 13' Deep	15	LF	\$895.00	\$962.15	\$10,740.00	\$2,886.45	\$966.60	\$1,039.12	\$11,599.20	\$3,117.37
0250-CA-01190	12" Pipe, HDPE, In Place Up to 6' Deep	75	LF	\$120.00	\$129.00	\$7,200.00	\$1,935.00	\$129.60	\$139.32	\$7,776.00	\$2,089.80
0250-CA-01200	12" Pipe, HDPE, In Place 6' to 13' Deep	10	LF	\$180.00	\$193.50	\$1,440.00	\$387.00	\$194.40	\$208.98	\$1,555.20	\$417.96
0250-CA-01210	15" Pipe, HDPE, In Place Up to 6' Deep	75	LF	\$140.00	\$150.50	\$8,400.00	\$2,257.50	\$151.20	\$		

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0250-C4-0329	12x10' single box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$5,100.00	\$5,482.50	\$81,600.00	\$21,930.00	\$5,508.00	\$5,921.10	\$88,128.00	\$23,684.40
0250-C4-0330	12x12' single box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$5,600.00	\$6,020.00	\$89,600.00	\$24,080.00	\$6,048.00	\$6,501.60	\$96,768.00	\$26,006.40
0250-C4-0331	4'x4' double box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$3,600.00	\$3,870.00	\$57,600.00	\$15,480.00	\$3,888.00	\$4,179.60	\$62,208.00	\$16,718.40
0250-C4-0332	5'x5' double box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$4,200.00	\$4,515.00	\$67,200.00	\$18,060.00	\$4,536.00	\$4,876.20	\$72,576.00	\$19,504.80
0250-C4-0333	6'x6' double box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$4,400.00	\$4,730.00	\$70,400.00	\$18,920.00	\$4,752.00	\$5,108.40	\$76,032.00	\$20,433.60
0250-C4-0334	8'x8' double box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$5,200.00	\$5,590.00	\$83,200.00	\$22,360.00	\$5,616.00	\$6,037.20	\$89,856.00	\$24,148.80
0250-C4-0335	10'x10' double box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$6,400.00	\$6,880.00	\$102,400.00	\$27,520.00	\$6,912.00	\$7,430.40	\$110,592.00	\$29,721.60
0250-C4-0336	4'x4' triple box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$4,900.00	\$5,267.50	\$78,400.00	\$21,070.00	\$5,292.00	\$5,688.90	\$84,672.00	\$22,755.60
0250-C4-0337	5'x5' triple box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$5,300.00	\$5,697.50	\$84,800.00	\$22,790.00	\$5,724.00	\$6,153.30	\$91,584.00	\$24,613.20
0250-C4-0338	6'x6' triple box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$5,900.00	\$6,342.50	\$94,400.00	\$25,370.00	\$6,372.00	\$6,849.90	\$101,952.00	\$27,399.60
0250-C4-0339	8'x8' triple box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$7,200.00	\$7,740.00	\$115,200.00	\$30,960.00	\$7,776.00	\$8,359.20	\$124,416.00	\$33,436.80
0250-C4-0340	10'x10' triple box culvert (Fills to 25')- VDOT Road and Bridge Standards - Section 1000	20	LF	\$9,200.00	\$9,890.00	\$147,200.00	\$39,560.00	\$9,936.00	\$10,681.20	\$158,976.00	\$42,724.80
0250-C4-0341	Standard wing for 4' high box culvert (1 side only)- VDOT Road and Bridge Standards - Section 1000	4	EA	\$2,800.00	\$3,010.00	\$8,960.00	\$2,408.00	\$3,024.00	\$3,250.80	\$9,676.80	\$2,600.64
0250-C4-0342	Standard wing for 5' high box culvert (1 side only)- VDOT Road and Bridge Standards - Section 1000	4	EA	\$3,400.00	\$3,655.00	\$10,880.00	\$2,924.00	\$3,672.00	\$3,947.40	\$11,750.40	\$3,157.92
0250-C4-0343	Standard wing for 6' high box culvert (1 side only)- VDOT Road and Bridge Standards - Section 1000	4	EA	\$4,200.00	\$4,515.00	\$13,440.00	\$3,612.00	\$4,536.00	\$4,876.20	\$14,515.20	\$3,900.96
0250-C4-0344	Standard wing for 8' high box culvert (1 side only)- VDOT Road and Bridge Standards - Section 1000	4	EA	\$5,600.00	\$6,020.00	\$17,920.00	\$4,816.00	\$6,048.00	\$6,501.60	\$19,353.60	\$5,201.28
0250-C4-0345	Standard wing for 10' high box culvert (1 side only)- VDOT Road and Bridge Standards - Section 1000	4	EA	\$7,200.00	\$7,740.00	\$23,040.00	\$6,192.00	\$7,776.00	\$8,359.20	\$24,883.20	\$6,687.36
0250-C4-0346	Standard wing for 12'x6' box culvert - VDOT Road and Bridge Standards - Section 1000	4	EA	\$7,900.00	\$8,492.50	\$25,280.00	\$6,794.00	\$8,532.00	\$9,171.90	\$27,302.40	\$7,337.52
0250-C4-0347	Standard wing for 12'x8' box culvert - VDOT Road and Bridge Standards - Section 1000	4	EA	\$8,200.00	\$8,815.00	\$26,240.00	\$7,052.00	\$8,856.00	\$9,520.20	\$28,339.20	\$7,616.16
0250-C4-0348	Standard wing for 12'x10' box culvert - VDOT Road and Bridge Standards - Section 1000	4	EA	\$8,400.00	\$9,030.00	\$26,880.00	\$7,224.00	\$9,072.00	\$9,752.40	\$29,030.40	\$7,801.92
0250-C4-0349	Standard wing for 12'x12' box culvert - VDOT Road and Bridge Standards - Section 1000	4	EA	\$8,700.00	\$9,352.50	\$27,840.00	\$7,482.00	\$9,396.00	\$10,100.70	\$30,067.20	\$8,080.56
0250-C4-0350	Standard Endwall for pipe culverts 15" circular (VDOT standard EW-1)	4	EA	\$1,450.00	\$1,558.75	\$4,640.00	\$1,247.00	\$1,566.00	\$1,683.45	\$5,011.20	\$1,346.76
0250-C4-0351	Standard Endwall for pipe culverts 18" circular (VDOT standard EW-1)	4	EA	\$1,650.00	\$1,773.75	\$5,280.00	\$1,419.00	\$1,782.00	\$1,915.65	\$5,702.40	\$1,532.52
0250-C4-0352	Standard Endwall for pipe culverts 24" circular (VDOT standard EW-1)	4	EA	\$2,100.00	\$2,257.50	\$6,720.00	\$1,806.00	\$2,268.00	\$2,438.10	\$7,257.60	\$1,950.48
0250-C4-0353	Standard Endwall for pipe culverts 30" circular (VDOT standard EW-1)	4	EA	\$2,900.00	\$3,117.50	\$9,280.00	\$2,494.00	\$3,132.00	\$3,366.90	\$10,022.40	\$2,693.52
0250-C4-0354	Standard Endwall for pipe culverts 36" circular (VDOT standard EW-1)	4	EA	\$3,100.00	\$3,332.50	\$9,920.00	\$2,666.00	\$3,348.00	\$3,599.10	\$10,713.60	\$2,879.28
0250-C4-0355	Standard Endwall for pipe culverts 42" circular (VDOT standard EW-2)	4	EA	\$7,500.00	\$8,062.50	\$24,000.00	\$6,450.00	\$8,100.00	\$8,707.50	\$25,920.00	\$6,966.00
0250-C4-0356	Standard Endwall for pipe culverts 48" circular (VDOT standard EW-2)	4	EA	\$8,200.00	\$8,815.00	\$26,240.00	\$7,052.00	\$8,856.00	\$9,520.20	\$28,339.20	\$7,616.16
0250-C4-0357	Standard Endwall for pipe culverts 54" circular (VDOT standard EW-2)	2	EA	\$9,500.00	\$10,212.50	\$15,200.00	\$4,085.00	\$10,260.00	\$11,029.50	\$16,416.00	\$4,411.80
0250-C4-0358	Standard Endwall for pipe culverts 60" circular (VDOT standard EW-2)	2	EA	\$10,900.00	\$11,717.50	\$17,440.00	\$4,687.00	\$11,772.00	\$12,654.90	\$18,835.20	\$5,061.96
0250-C4-0359	Standard Endwall for pipe culverts 72" circular (VDOT standard EW-2)	1	EA	\$12,500.00	\$13,437.50	\$10,000.00	\$2,687.50	\$13,500.00	\$14,512.50	\$10,800.00	\$2,902.50
0250-C4-0360	Standard Endwall for pipe culverts 84" circular (VDOT standard EW-2)	1	EA	\$14,500.00	\$15,587.50	\$11,600.00	\$3,117.50	\$15,660.00	\$16,834.50	\$12,528.00	\$3,366.90
0250-C4-0361	Precast Endwall for pipe culverts 15" circular (VDOT standard EW-1PC)	4	EA	\$1,350.00	\$1,451.25	\$4,320.00	\$1,161.00	\$1,458.00	\$1,567.35	\$4,665.60	\$1,253.88
0250-C4-0362	Precast Endwall for pipe culverts 18" circular (VDOT standard EW-1PC)	4	EA	\$1,600.00	\$1,720.00	\$5,120.00	\$1,376.00	\$1,728.00	\$1,857.60	\$5,529.60	\$1,486.08
0250-C4-0363	Precast Endwall for pipe culverts 24" circular (VDOT standard EW-1PC)	4	EA	\$2,100.00	\$2,257.50	\$6,720.00	\$1,806.00	\$2,268.00	\$2,438.10	\$7,257.60	\$1,950.48
0250-C4-0364	Precast Endwall for pipe culverts 30" circular (VDOT standard EW-1PC)	4	EA	\$2,900.00	\$3,117.50	\$9,280.00	\$2,494.00	\$3,132.00	\$3,366.90	\$10,022.40	\$2,693.52
0250-C4-0365	Precast Endwall for pipe culverts 36" circular (VDOT standard EW-1PC)	4	EA	\$3,100.00	\$3,332.50	\$9,920.00	\$2,666.00	\$3,348.00	\$3,599.10	\$10,713.60	\$2,879.28
0250-C4-0366	Precast Endwall for pipe culverts 42" circular (VDOT standard EW-2PC)	4	EA	\$7,900.00	\$8,492.50	\$25,280.00	\$6,794.00	\$8,532.00	\$9,171.90	\$27,302.40	\$7,337.52
0250-C4-0367	Precast Endwall for pipe culverts 48" circular (VDOT standard EW-2PC)	4	EA	\$7,900.00	\$8,492.50	\$25,280.00	\$6,794.00	\$8,532.00	\$9,171.90	\$27,302.40	\$7,337.52
0250-C4-0368	Precast Endwall for pipe culverts 54" circular (VDOT standard EW-2PC)	2	EA	\$10,500.00	\$11,287.50	\$16,800.00	\$4,515.00	\$11,340.00	\$12,190.50	\$18,144.00	\$4,876.20
0250-C4-0369	Precast Endwall for pipe culverts 60" circular (VDOT standard EW-2PC)	1	EA	\$11,200.00	\$12,040.00	\$8,960.00	\$2,408.00	\$12,096.00	\$13,003.20	\$9,676.80	\$2,600.64
0250-C4-0370	Precast Endwall for pipe culverts 72" circular (VDOT standard EW-2PC)	1	EA	\$12,500.00	\$13,437.50	\$10,000.00	\$2,687.50	\$13,500.00	\$14,512.50	\$10,800.00	\$2,902.50
0250-C4-0371	Precast Endwall for pipe culverts 84" circular (VDOT standard EW-2PC)	1	EA	\$14,500.00	\$15,587.50	\$11,600.00	\$3,117.50	\$15,660.00	\$16,834.50	\$12,528.00	\$3,366.90
0250-C4-0372	Standard Endwall for pipe culverts 23"x14" (18" circular equivalent) elliptical pipe (VDOT standard EW-2A)	4	EA	\$3,100.00	\$3,332.50	\$9,920.00	\$2,666.00	\$3,348.00	\$3,599.10	\$10,713.60	\$2,879.28
0250-C4-0373	Standard Endwall for pipe culverts 30"x19" (24" circular equivalent) elliptical pipe (VDOT standard EW-2A)	4	EA	\$3,400.00	\$3,655.00	\$10,880.00	\$2,924.00	\$3,672.00	\$3,947.40	\$11,750.40	\$3,157.92
0250-C4-0374	Standard Endwall for pipe culverts 38"x24" (30" circular equivalent) elliptical pipe (VDOT standard EW-2A)	4	EA	\$4,900.00	\$5,267.50	\$15,680.00	\$4,214.00	\$5,292.00	\$5,688.90	\$16,934.40	\$4,551.12
0250-C4-0375	Standard Endwall for pipe culverts 45"x29" (36" circular equivalent) elliptical pipe (VDOT standard EW-2A)	4	EA	\$5,400.00	\$5,805.00	\$17,280.00	\$4,644.00	\$5,832.00	\$6,269.40	\$18,662.40	\$5,015.52
0250-C4-0376	Standard Endwall for pipe culverts 53"x34" (42" circular equivalent) elliptical pipe (VDOT standard EW-2A)	4	EA	\$8,400.00	\$9,030.00	\$26,880.00	\$7,224.00	\$9,072.00	\$9,752.40	\$29,030.40	\$7,801.92
0250-C4-0377	Standard Endwall for pipe culverts 60"x38" (48" circular equivalent) elliptical pipe (VDOT standard EW-2A)	4	EA	\$9,500.00	\$10,212.50	\$30,400.00	\$8,170.00	\$10,260.00	\$11,029.50	\$32,832.00	\$8,823.60
0250-C4-0378	Precast Endwall for pipe culverts 23"x14" (18" circular equivalent) elliptical pipe (VDOT standard EW-2APC)	4	EA	\$2,950.00	\$3,171.25	\$9,440.00	\$2,537.00	\$3,186.00	\$3,424.95	\$10,195.20	\$2,739.96
0250-C4-0379	Precast Endwall for pipe culverts 30"x19" (24" circular equivalent) elliptical pipe (VDOT standard EW-2APC)	4	EA	\$3,700.00	\$3,977.50	\$11,840.00	\$3,182.00	\$3,996.00	\$4,295.70	\$12,787.20	\$3,436.56
0250-C4-0380	Precast Endwall for pipe culverts 38"x24" (30" circular equivalent) elliptical pipe (VDOT standard EW-2APC)	4	EA	\$4,900.00	\$5,267.50	\$15,680.00	\$4,214.00	\$5,292.00	\$5,688.90	\$16,934.40	\$4,551.12

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0250-C4-02689	Precast Endwall for pipe culverts 45"x29" (36" circular equivalent) elliptical pipe (VDOT standard EW-2APC)	4	EA	\$5,500.00	\$5,912.50	\$17,600.00	\$4,730.00	\$5,940.00	\$6,385.50	\$19,008.00	\$5,108.40
0250-C4-02690	Precast Endwall for pipe culverts 53"x34" (42" circular equivalent) elliptical pipe (VDOT standard EW-2APC)	2	EA	\$8,200.00	\$8,815.00	\$13,120.00	\$3,526.00	\$8,856.00	\$9,520.20	\$14,169.60	\$3,808.08
0250-C4-02693	Precast Endwall for pipe culverts 60"x38" (48" circular equivalent) elliptical pipe (VDOT standard EW-2APC)	2	EA	\$8,900.00	\$9,567.50	\$14,240.00	\$3,827.00	\$9,612.00	\$10,332.90	\$15,379.20	\$4,133.16
0250-C4-02694	Flared end-section for 12" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$650.00	\$698.75	\$2,080.00	\$559.00	\$702.00	\$754.65	\$2,246.40	\$603.72
0250-C4-02695	Flared end-section for 15" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$950.00	\$1,021.25	\$3,040.00	\$817.00	\$1,026.00	\$1,102.95	\$3,283.20	\$882.36
0250-C4-02696	Flared end-section for 18" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$1,050.00	\$1,128.75	\$3,360.00	\$903.00	\$1,134.00	\$1,219.05	\$3,628.80	\$975.24
0250-C4-02670	Flared end-section for 21" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$1,050.00	\$1,128.75	\$3,360.00	\$903.00	\$1,134.00	\$1,219.05	\$3,628.80	\$975.24
0250-C4-02680	Flared end-section for 24" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$1,250.00	\$1,343.75	\$4,000.00	\$1,075.00	\$1,350.00	\$1,451.25	\$4,320.00	\$1,161.00
0250-C4-02690	Flared end-section for 27" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$1,500.00	\$1,612.50	\$4,800.00	\$1,290.00	\$1,620.00	\$1,741.50	\$5,184.00	\$1,393.20
0250-C4-02700	Flared end-section for 30" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$1,750.00	\$1,881.25	\$5,600.00	\$1,505.00	\$1,890.00	\$2,031.75	\$6,048.00	\$1,625.40
0250-C4-02710	Flared end-section for 36" concrete pipe culvert (VDOT standard ES-1)	4	EA	\$2,750.00	\$2,956.25	\$8,800.00	\$2,365.00	\$2,970.00	\$3,192.75	\$9,504.00	\$2,554.20
0250-C4-02720	Flared end-section for 42" concrete pipe culvert (VDOT standard ES-1)	2	EA	\$3,500.00	\$3,762.50	\$5,600.00	\$1,505.00	\$3,780.00	\$4,063.50	\$6,048.00	\$1,625.40
0250-C4-02730	Flared end-section for 48" concrete pipe culvert (VDOT standard ES-1)	2	EA	\$4,300.00	\$4,622.50	\$6,880.00	\$1,849.00	\$4,644.00	\$4,992.30	\$7,430.40	\$1,996.92
0250-C4-02740	Flared end-section for 54" concrete pipe culvert (VDOT standard ES-1)	1	EA	\$5,400.00	\$5,805.00	\$4,320.00	\$1,161.00	\$5,832.00	\$6,269.40	\$4,665.60	\$1,253.88
0250-C4-02750	Flared end-section for 60" concrete pipe culvert (VDOT standard ES-1)	1	EA	\$5,950.00	\$6,396.25	\$4,760.00	\$1,279.25	\$6,426.00	\$6,907.95	\$5,140.80	\$1,381.59
0250-C4-02760	Flared end-section for 23"x14" elliptical concrete pipe culvert (VDOT standard ES-1A)	4	EA	\$1,500.00	\$1,612.50	\$4,800.00	\$1,290.00	\$1,620.00	\$1,741.50	\$5,184.00	\$1,393.20
0250-C4-02770	Flared end-section for 30"x19" elliptical concrete pipe culvert (VDOT standard ES-1A)	4	EA	\$1,600.00	\$1,720.00	\$5,120.00	\$1,376.00	\$1,728.00	\$1,857.60	\$5,529.60	\$1,486.08
0250-C4-02780	Flared end-section for 38"x24" elliptical concrete pipe culvert (VDOT standard ES-1A)	4	EA	\$2,950.00	\$3,171.25	\$9,440.00	\$2,537.00	\$3,186.00	\$3,424.95	\$10,195.20	\$2,739.96
0250-C4-02790	Flared end-section for 45"x29" elliptical concrete pipe culvert (VDOT standard ES-1A)	2	EA	\$4,500.00	\$4,837.50	\$7,200.00	\$1,935.00	\$4,860.00	\$5,224.50	\$7,776.00	\$2,089.80
0250-C4-02800	Flared end-section for 53"x34" elliptical concrete pipe culvert (VDOT standard ES-1A)	1	EA	\$5,200.00	\$5,590.00	\$4,160.00	\$1,118.00	\$5,616.00	\$6,037.20	\$4,492.80	\$1,207.44
0250-C4-02810	Flared end-section for 60"x38" elliptical concrete pipe culvert (VDOT standard ES-1A)	1	EA	\$6,200.00	\$6,665.00	\$4,960.00	\$1,333.00	\$6,696.00	\$7,198.20	\$5,356.80	\$1,439.64
0250-C4-02840	Junction Box, Pre-Cast for 48" pipe culvert (VDOT standard JB-1), In Place	50	VF	\$1,750.00	\$1,881.25	\$70,000.00	\$18,812.50	\$1,890.00	\$2,031.75	\$75,600.00	\$20,317.50
0250-C4-02830	Junction Box, Pre-Cast for 12" to 36" Dia pipe culvert (VDOT standard JB-1), In Place	50	VF	\$1,350.00	\$1,451.25	\$54,000.00	\$14,512.50	\$1,458.00	\$1,567.35	\$58,320.00	\$15,673.50
0250-C4-02850	Junction Box, Pre-Cast for 54" pipe culvert (VDOT standard JB-1), In Place	40	VF	\$2,100.00	\$2,257.50	\$67,200.00	\$18,060.00	\$2,268.00	\$2,438.10	\$72,576.00	\$19,504.80
0250-C4-02860	Junction Box, Pre-Cast for 60" pipe culvert (VDOT standard JB-1), In Place	20	VF	\$2,200.00	\$2,365.00	\$35,200.00	\$9,460.00	\$2,376.00	\$2,554.20	\$38,016.00	\$10,216.80
0250-C4-02870	Junction Box, Pre-Cast for 66" pipe culvert (VDOT standard JB-1), In Place	20	VF	\$2,500.00	\$2,687.50	\$40,000.00	\$10,750.00	\$2,700.00	\$2,902.50	\$43,200.00	\$11,610.00
0250-C4-02880	Junction Box, Pre-Cast for 72" pipe culvert (VDOT standard JB-1), In Place	20	VF	\$2,800.00	\$3,010.00	\$44,800.00	\$12,040.00	\$3,024.00	\$3,250.80	\$48,384.00	\$13,003.20
0250-C4-02831	Junction Box, Cast in place for 12" to 36" Dia pipe culvert (VDOT standard JB-1), In Place	20	VF	\$2,900.00	\$3,117.50	\$46,400.00	\$12,470.00	\$3,132.00	\$3,366.90	\$50,112.00	\$13,467.60
0250-C4-02890	Junction Box, Cast in place, for 48" pipe culvert (VDOT standard JB-1), In Place	20	VF	\$3,200.00	\$3,440.00	\$51,200.00	\$13,760.00	\$3,456.00	\$3,715.20	\$55,296.00	\$14,860.80
0250-C4-02900	Junction Box, Cast in place, for 54" pipe culvert (VDOT standard JB-1), In Place	10	VF	\$4,900.00	\$5,267.50	\$39,200.00	\$10,535.00	\$5,292.00	\$5,688.90	\$42,336.00	\$11,377.80
0250-C4-02900	Junction Box, Cast in place, for 60" pipe culvert (VDOT standard JB-1), In Place	10	VF	\$5,150.00	\$5,536.25	\$41,200.00	\$11,072.50	\$5,562.00	\$5,979.15	\$44,496.00	\$11,958.30
0250-C4-02910	Junction Box, Cast in place, for 66" pipe culvert (VDOT standard JB-1), In Place	10	VF	\$5,500.00	\$5,912.50	\$44,000.00	\$11,825.00	\$5,940.00	\$6,385.50	\$47,520.00	\$12,771.00
0250-C4-02910	Junction Box, Cast in place, for 72" pipe culvert (VDOT standard JB-1), In Place	10	VF	\$5,600.00	\$6,020.00	\$44,800.00	\$12,040.00	\$6,048.00	\$6,501.60	\$48,384.00	\$13,003.20
0250-C4-03150	Standard paved flume for 12" pipe (VDOT standard PG-4)	5	SY	\$200.00	\$215.00	\$800.00	\$215.00	\$216.00	\$232.20	\$864.00	\$232.20
0250-C4-03160	Standard paved flume for 15" pipe (VDOT standard PG-4)	5	SY	\$200.00	\$215.00	\$800.00	\$215.00	\$216.00	\$232.20	\$864.00	\$232.20
0250-C4-03170	Standard paved flume for 18" pipe (VDOT standard PG-4)	5	SY	\$220.00	\$236.50	\$880.00	\$236.50	\$237.60	\$255.42	\$950.40	\$255.42
0250-C4-03180	Standard paved flume for 21" pipe (VDOT standard PG-4)	5	SY	\$220.00	\$236.50	\$880.00	\$236.50	\$237.60	\$255.42	\$950.40	\$255.42
0250-C4-03190	Standard paved flume for 24" pipe (VDOT standard PG-4)	5	SY	\$220.00	\$236.50	\$880.00	\$236.50	\$237.60	\$255.42	\$950.40	\$255.42
0250-C4-03200	Standard Energy dissipator for use with paved flumes (VDOT standard EG-1, 1A)	15	CY	\$1,400.00	\$1,505.00	\$16,800.00	\$4,515.00	\$1,512.00	\$1,625.40	\$18,144.00	\$4,876.20
0250-C4-03210	Precast energy dissipator (VDOT standard EG-1, 1A PC)	5	CY	\$1,400.00	\$1,505.00	\$5,600.00	\$1,505.00	\$1,512.00	\$1,625.40	\$6,048.00	\$1,625.40
0250-C4-03310	Cast in place stormwater management drainage structure (VDOT standard SWM-1)	4	EA	\$19,500.00	\$20,962.50	\$62,400.00	\$16,770.00	\$21,060.00	\$22,639.50	\$67,392.00	\$18,111.60
0250-C4-03320	Precast stormwater management drainage structure (VDOT standard SWM-1)	2	EA	\$12,500.00	\$13,437.50	\$20,000.00	\$5,375.00	\$13,500.00	\$14,512.50	\$21,600.00	\$5,805.00
0250-C4-03400	Underdrain, Standard VDOT UD-1	450	LF	\$28.00	\$30.10	\$10,080.00	\$2,709.00	\$30.24	\$32.51	\$10,886.40	\$2,925.72
0250-C4-03430	Underdrain, Standard VDOT UD-2	200	LF	\$30.00	\$32.25	\$4,800.00	\$1,290.00	\$32.40	\$34.83	\$5,184.00	\$1,393.20
0250-C4-03440	Underdrain, Standard VDOT UD-4	200	LF	\$20.00	\$21.50	\$3,200.00	\$860.00	\$21.60	\$23.22	\$3,456.00	\$928.80
0250-C4-03470	Endwall for Pipe Underdrain (VDOT Standard EW-12)	1	EA	\$650.00	\$698.75	\$520.00	\$139.75	\$702.00	\$754.65	\$561.60	\$150.93
0250-C4-03490	Combined Underdrain CD-1	200	LF	\$30.00	\$32.25	\$4,800.00	\$1,290.00	\$32.40	\$34.83	\$5,184.00	\$1,393.20
0250-C4-03460	Combined Underdrain CD-2	200	LF	\$30.00	\$32.25	\$4,800.00	\$1,290.00	\$32.40	\$34.83	\$5,184.00	\$1,393.20
0250-C4-03220	Paved ditch (VDOT standard PG-2A)	5	SY	\$200.00	\$215.00	\$800.00	\$215.00	\$216.00	\$232.20	\$864.00	\$232.20
0250-C4-03130	Paved ditch (VDOT standard PG-5)	5	SY	\$200.00	\$215.00	\$800.00	\$215.00	\$216.00	\$232.20	\$864.00	\$232.20
0250-C4-03140	Sodded ditch including fine grading	50	SY	\$20.00	\$21.50	\$800.00	\$215.00	\$216.00	\$232.20	\$864.00	\$232.20
0250-C4-03550	Cleaning with Video inspection, 4" to 24" Existing Storm/Sanitary Pipes and Manholes	400	LF	\$12.00	\$12.90	\$3,840.00	\$1,032.00	\$12.96	\$13.93	\$4,147.20	\$1,114.56
0250-C4-03501	Cleaning with Video inspection, 24" to 48" Existing Storm/Sanitary Pipes and Manholes	300	LF	\$12.00	\$12.90	\$2,880.00	\$774.00	\$12.96	\$13.93	\$3,110.40	\$835.92
0250-C4-03480	Abandon storm pipe in place Including capping all open ends and completely filling sewer with flowable fill (All material types, sizes and depths)	250	LF	\$68.00	\$73.10	\$13,600.00	\$3,655.00	\$73.44	\$78.95	\$14,688.00	\$3,947.40
SUBTOTAL						\$8,552,220.00	\$2,298,434.44	SUBTOTAL	\$9,236,397.60	\$2,482,309.20	

C5 GUARDRAIL

0250-C3-00010	Guardrail VDOT GR-2	25	LF	\$48.00	\$51.60	\$960.00	\$258.00	\$51.84	\$55.73	\$1,036.80	\$278.64
0250-C3-00020	Guardrail VDOT GR-2A	25	LF	\$60.00	\$64.50	\$1,200.00	\$322.50	\$64.80	\$69.66	\$1,296.00	\$348.30
0250-C3-00030	Guardrail VDOT GR-2, 7' post	25	LF	\$58.00	\$62.35	\$1,160.00	\$311.75	\$62.64	\$67.34	\$1,252.80	\$336.69
0250-C3-00040	Guardrail VDOT GR-2, 8' post	25	LF	\$66.00	\$70.95	\$1,320.00	\$354.75	\$71.28	\$76.63	\$1,425.60	\$383.13
0250-C3-00050	Guardrail Terminal Treatment, VDOT GR-6	10	LF	\$3,600.00	\$3,870.00	\$28,800.00	\$7,740.00	\$3,888.00	\$4,179.60	\$31,104.00	\$8,359.20
0250-C3-00060	Guardrail Terminal Installation Site Preparation, VDOT GR-7	5	EA	\$3,600.00	\$3,870.00	\$14,400.00	\$3,870.00	\$3,888.00	\$4,179.60	\$15,552.00	\$4,179.60

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0500-CF-00070	Guardrail End Terminal Treatment, VDOT GR-11	5	EA	\$1,200.00	\$1,290.00	\$4,800.00	\$1,290.00	\$1,296.00	\$1,393.20	\$5,184.00	\$1,393.20
0500-CF-00080	Fixed Object Attachment, VDOT GR-FOA-1	10	EA	\$3,200.00	\$3,440.00	\$25,600.00	\$6,880.00	\$3,456.00	\$3,715.20	\$27,648.00	\$7,430.40
0500-CF-00090	Fixed Object Attachment, VDOT GR-FOA-2	10	EA	\$1,500.00	\$1,612.50	\$12,000.00	\$3,225.00	\$1,620.00	\$1,741.50	\$12,960.00	\$3,483.00
0500-CF-00100	Remove existing Guardrail (All types)	25	LF	\$30.00	\$32.25	\$600.00	\$161.25	\$32.40	\$34.83	\$648.00	\$174.15
0500-CF-00110	Reset existing Guardrail (All types)	25	LF	\$60.00	\$64.50	\$1,200.00	\$322.50	\$64.80	\$69.66	\$1,296.00	\$348.30
				SUBTOTAL		\$92,040.00	\$24,735.75		SUBTOTAL	\$99,403.20	\$26,714.61

C6 WATERMAIN WORK

0500-CF-01000	36-Inch Water Main, DIP CL-52, Upto 6' Deep	20	LF	\$890.00	\$956.75	\$14,240.00	\$3,827.00	\$961.20	\$1,033.29	\$15,379.20	\$4,133.16
0500-CF-01010	36-Inch Water Main, DIP CL-52, > 6' Deep	10	LF	\$1,050.00	\$1,128.75	\$8,400.00	\$2,257.50	\$1,134.00	\$1,219.05	\$9,072.00	\$2,438.10
0500-CF-01020	30-Inch Water Main, DIP CL-52, Upto 6' Deep	20	LF	\$650.00	\$698.75	\$10,400.00	\$2,795.00	\$702.00	\$754.65	\$11,232.00	\$3,018.60
0500-CF-01030	30-Inch Water Main, DIP CL-52, > 6' Deep	10	LF	\$860.00	\$924.50	\$6,880.00	\$1,849.00	\$928.80	\$998.46	\$7,430.40	\$1,996.92
0500-CF-01040	24-Inch Water Main, DIP CL-52, Upto 6' Deep	25	LF	\$440.00	\$473.00	\$8,800.00	\$2,365.00	\$475.20	\$510.84	\$9,504.00	\$2,554.20
0500-CF-01050	24-Inch Water Main, DIP CL-52, > 6' Deep	10	LF	\$620.00	\$666.50	\$4,960.00	\$1,333.00	\$669.60	\$719.82	\$5,356.80	\$1,439.64
0500-CF-01060	20-Inch Water Main, DIP CL-52, Upto 6' Deep	25	LF	\$385.00	\$415.00	\$7,700.00	\$2,075.00	\$415.80	\$448.20	\$8,316.00	\$2,241.00
0500-CF-01070	20-Inch Water Main, DIP CL-52, > 6' Deep	10	LF	\$540.00	\$580.50	\$4,320.00	\$1,161.00	\$583.20	\$626.94	\$4,665.60	\$1,253.88
0500-CF-01080	18-Inch Water Main, DIP CL-52, Upto 6' Deep	25	LF	\$320.00	\$344.00	\$6,400.00	\$1,720.00	\$345.60	\$371.52	\$6,912.00	\$1,857.60
0500-CF-01090	18-Inch Water Main, DIP CL-52, > 6' Deep	10	LF	\$400.00	\$430.00	\$3,200.00	\$860.00	\$432.00	\$464.40	\$3,456.00	\$928.80
0500-CF-01100	16-Inch Water Main, DIP CL-52, Upto 6' Deep	50	LF	\$320.00	\$344.00	\$12,800.00	\$3,440.00	\$345.60	\$371.52	\$13,824.00	\$3,715.20
0500-CF-01110	16-Inch Water Main, DIP CL-52, > 6' Deep	25	LF	\$390.00	\$419.25	\$7,800.00	\$2,096.25	\$421.20	\$452.79	\$8,424.00	\$2,263.95
0500-CF-01120	12-Inch Water Main, DIP CL-52, Upto 6' Deep	100	LF	\$220.00	\$236.50	\$17,600.00	\$4,730.00	\$237.60	\$255.42	\$19,008.00	\$5,108.40
0500-CF-01130	12-Inch Water Main, DIP CL-52, > 6' Deep	25	LF	\$280.00	\$301.00	\$5,600.00	\$1,505.00	\$302.40	\$325.08	\$6,048.00	\$1,625.40
0500-CF-01140	8-Inch Water Main, DIP CL-52, Upto 6' Deep	1000	LF	\$180.00	\$193.50	\$144,000.00	\$38,700.00	\$194.40	\$208.98	\$155,520.00	\$41,796.00
0500-CF-01150	8-Inch Water Main, DIP CL-52, > 6' Deep	200	LF	\$200.00	\$215.00	\$32,000.00	\$8,600.00	\$216.00	\$232.20	\$34,560.00	\$9,288.00
0500-CF-01160	6-Inch Water Main, DIP CL-53, Upto 6' Deep	250	LF	\$180.00	\$193.50	\$36,000.00	\$9,675.00	\$194.40	\$208.98	\$38,880.00	\$10,449.00
0500-CF-01170	6-Inch Water Main, DIP CL-53, > 6' Deep	50	LF	\$200.00	\$215.00	\$8,000.00	\$2,150.00	\$216.00	\$232.20	\$8,640.00	\$2,322.00
0500-CF-01180	4-Inch Water Main, DIP CL-53, Upto 6' Deep	250	LF	\$140.00	\$150.50	\$28,000.00	\$7,525.00	\$151.20	\$162.54	\$30,240.00	\$8,127.00
0500-CF-01190	4-Inch Water Main, DIP CL-53, > 6' Deep	50	LF	\$180.00	\$193.50	\$7,200.00	\$1,935.00	\$194.40	\$208.98	\$7,776.00	\$2,089.80
0500-CF-01200	3-Inch Water Main, DIP CL-52, Upto 6' Deep	250	LF	\$140.00	\$150.50	\$28,000.00	\$7,525.00	\$151.20	\$162.54	\$30,240.00	\$8,127.00
0500-CF-01210	3-Inch Water Main, DIP CL-52, > 6' Deep	50	LF	\$200.00	\$215.00	\$8,000.00	\$2,150.00	\$216.00	\$232.20	\$8,640.00	\$2,322.00
0500-CF-01220	36-Inch Butterfly Valve & Valve Box	1	EA	\$23,000.00	\$24,725.00	\$18,400.00	\$4,945.00	\$24,840.00	\$26,703.00	\$19,872.00	\$5,340.60
0500-CF-01230	30-Inch Butterfly Valve & Valve Box	1	EA	\$21,500.00	\$23,112.50	\$17,200.00	\$4,622.50	\$23,220.00	\$24,961.50	\$18,576.00	\$4,992.30
0500-CF-01240	24-Inch Butterfly Valve & Valve Box	1	EA	\$11,500.00	\$12,362.50	\$9,200.00	\$2,472.50	\$12,420.00	\$13,351.50	\$9,936.00	\$2,670.30
0500-CF-01250	20-Inch Butterfly Valve & Valve Box	1	EA	\$8,500.00	\$9,137.50	\$6,800.00	\$1,827.50	\$9,180.00	\$9,868.50	\$7,344.00	\$1,973.70
0500-CF-01260	18-Inch Butterfly Valve & Valve Box	1	EA	\$6,900.00	\$7,417.50	\$5,520.00	\$1,483.50	\$7,452.00	\$8,010.90	\$5,961.60	\$1,602.18
0500-CF-01270	16-Inch Butterfly Valve & Valve Box	1	EA	\$5,900.00	\$6,342.50	\$4,720.00	\$1,268.50	\$6,372.00	\$6,849.90	\$5,097.60	\$1,369.98
0500-CF-01110	16-Inch Gate Valve & Valve Box	1	EA	\$12,900.00	\$13,867.50	\$10,320.00	\$2,773.50	\$13,932.00	\$14,976.90	\$11,145.60	\$2,995.38
0500-CF-01130	14-Inch Gate Valve & Valve Box	1	EA	\$8,900.00	\$9,567.50	\$7,120.00	\$1,913.50	\$9,612.00	\$10,332.90	\$7,689.60	\$2,066.58
0500-CF-01140	12-Inch Gate Valve & Valve Box	5	EA	\$3,800.00	\$4,085.00	\$15,200.00	\$4,085.00	\$4,104.00	\$4,411.80	\$16,416.00	\$4,411.80
0500-CF-01150	8-Inch Gate Valve & Valve Box	10	EA	\$1,900.00	\$2,042.50	\$15,200.00	\$4,085.00	\$2,052.00	\$2,205.90	\$16,416.00	\$4,411.80
0500-CF-01160	6-Inch Gate Valve & Valve Box	5	EA	\$1,400.00	\$1,505.00	\$5,600.00	\$1,505.00	\$1,512.00	\$1,625.40	\$6,048.00	\$1,625.40
0500-CF-01170	4-Inch Gate Valve & Valve Box	1	EA	\$1,200.00	\$1,290.00	\$960.00	\$258.00	\$1,296.00	\$1,393.20	\$1,036.80	\$278.64
0500-CF-01180	Connect To Existing 36-Inch Water Main	1	EA	\$13,500.00	\$14,512.50	\$10,800.00	\$2,902.50	\$14,580.00	\$15,673.50	\$11,664.00	\$3,134.70
0500-CF-01190	Connect To Existing 30 Inch Water Main	1	EA	\$11,200.00	\$12,040.00	\$8,960.00	\$2,408.00	\$12,096.00	\$13,003.20	\$9,676.80	\$2,600.64
0500-CF-01200	Connect To Existing 24-Inch Water Main	1	EA	\$7,900.00	\$8,492.50	\$6,320.00	\$1,698.50	\$8,532.00	\$9,171.90	\$6,825.60	\$1,834.38
0500-CF-01210	Connect To Existing 20-Inch Water Main	1	EA	\$7,500.00	\$8,062.50	\$6,000.00	\$1,612.50	\$8,100.00	\$8,707.50	\$6,480.00	\$1,741.50
0500-CF-01220	Connect To Existing 18-Inch Water Main	1	EA	\$6,900.00	\$7,417.50	\$5,520.00	\$1,483.50	\$7,452.00	\$8,010.90	\$5,961.60	\$1,602.18
0500-CF-01230	Connect To Existing 16-Inch Water Main	1	EA	\$6,500.00	\$6,987.50	\$5,200.00	\$1,397.50	\$7,020.00	\$7,546.50	\$5,616.00	\$1,509.30
0500-CF-01240	Connect To Existing 12-Inch Water Main	4	EA	\$3,800.00	\$4,085.00	\$12,160.00	\$3,268.00	\$4,104.00	\$4,411.80	\$13,132.80	\$3,529.44
0500-CF-01250	Connect To Existing 8-Inch Water Main	5	EA	\$2,500.00	\$2,687.50	\$10,000.00	\$2,687.50	\$2,700.00	\$2,902.50	\$10,800.00	\$2,902.50
0500-CF-01260	Connect To Existing 6-Inch Water Main	5	EA	\$2,400.00	\$2,580.00	\$9,600.00	\$2,580.00	\$2,592.00	\$2,786.40	\$10,368.00	\$2,786.40
0500-CF-01270	Connect To Existing 4-Inch Water Main	1	EA	\$2,400.00	\$2,580.00	\$1,920.00	\$516.00	\$2,592.00	\$2,786.40	\$2,073.60	\$557.28
0500-CF-01280	2-Inch Air Release Or Vacuum Valve In Concrete Manhole For All Diameter Of Water Mains	1	EA	\$9,500.00	\$10,212.50	\$7,600.00	\$2,042.50	\$10,260.00	\$11,029.50	\$8,208.00	\$2,205.90
0500-CF-01290	2-Inch Blowoff Valve Assembly & Box	1	EA	\$6,200.00	\$6,665.00	\$4,960.00	\$1,333.00	\$6,696.00	\$7,198.20	\$5,356.80	\$1,439.64
0500-CF-01300	Abandon/Remove Existing Fire Hydrant	10	EA	\$950.00	\$1,021.25	\$7,600.00	\$2,042.50	\$1,026.00	\$1,102.95	\$8,208.00	\$2,205.90
0500-CF-01310	Remove And Reset Existing Fire Hydrant	4	EA	\$3,400.00	\$3,655.00	\$10,880.00	\$2,924.00	\$3,672.00	\$3,947.40	\$11,750.40	\$3,157.92
0500-CF-01320	Install New Fire Hydrant (Includes Fire Hydrant, Gate Valve with Valve Box and up to 20 LF 6-inch DIP CL-52)	10	EA	\$6,800.00	\$7,310.00	\$54,400.00	\$14,620.00	\$7,344.00	\$7,894.80	\$58,752.00	\$15,789.60
0500-CF-01330	Fire Hydrant Vertical Extension	5	EA	\$1,800.00	\$1,935.00	\$7,200.00	\$1,935.00	\$1,944.00	\$2,089.80	\$7,776.00	\$2,089.80
0500-CF-01340	Cut & Cap 24-Inch Water Main	1	EA	\$4,200.00	\$4,515.00	\$3,360.00	\$903.00	\$4,536.00	\$4,876.20	\$3,628.80	\$975.24
0500-CF-01350	Cut & Cap 20-Inch Water Main	1	EA	\$4,200.00	\$4,515.00	\$3,360.00	\$903.00	\$4,536.00	\$4,876.20	\$3,628.80	\$975.24
0500-CF-01360	Cut & Cap 18-Inch Water Main	1	EA	\$2,400.00	\$2,580.00	\$1,920.00	\$516.00	\$2,592.00	\$2,786.40	\$2,073.60	\$557.28
0500-CF-01370	Cut & Cap 16-Inch Water Main	1	EA	\$2,400.00	\$2,580.00	\$1,920.00	\$516.00	\$2,592.00	\$2,786.40	\$2,073.60	\$557.28
0500-CF-01380	Cut & Cap 12-Inch Water Main	1	EA	\$2,200.00	\$2,365.00	\$1,760.00	\$473.00	\$2,376.00	\$2,554.20	\$1,900.80	\$510.84
0500-CF-01390	Cut & Cap 10-Inch Water Main	1	EA	\$1,600.00	\$1,720.00	\$1,280.00	\$344.00	\$1,728.00	\$1,857.60	\$1,382.40	\$371.52
0500-CF-01400	Cut & Cap 8-Inch Water Main	5	EA	\$1,400.00	\$1,505.00	\$5,600.00	\$1,505.00	\$1,512.00	\$1,625.40	\$6,048.00	\$1,625.40
0500-CF-01410	Cut & Cap 6-Inch Water Main	5	EA	\$1,400.00	\$1,505.00	\$5,600.00	\$1,505.00	\$1,512.00	\$1,625.40	\$6,048.00	\$1,625.40
0500-CF-01420	Cut & Cap 4-Inch Water Main	5	EA	\$1,400.00	\$1,505.00	\$5,600.00	\$1,505.00	\$1,512.00	\$1,625.40	\$6,048.00	\$1,625.40
0500-CF-01430	4-Inch TEAM Insertion Valve And Box	2	EA	\$16,500.00	\$17,737.50	\$26,400.00	\$7,095.00	\$17,820.00	\$19,156.50	\$28,512.00	\$7,662.60
0500-CF-01440	6-Inch TEAM Insertion Valve And Box	4	EA	\$16,500.00	\$17,737.50	\$52,800.00	\$14,190.00	\$17,820.00	\$19,156.50	\$57,024.00	\$15,325.20
0500-CF-01450	8-Inch TEAM Insertion Valve And Box	4	EA	\$20,500.00	\$22,037.50	\$65,600.00	\$17,630.00	\$22,140.00	\$23,800.50	\$70,848.00	\$19,040.40
0500-CF-01460	12-Inch TEAM Insertion Valve And Box	4	EA	\$28,500.00	\$30,637.50	\$91,200.00	\$24,510.00	\$30,780.00	\$33,088.50	\$98,496.00	\$26,470.80
0500-CF-01470	4-Inch EZ Valve Insertion Valve And Box	2	EA	\$15,000.00	\$16,125.00	\$24,000.00	\$6,450.00	\$16,200.00	\$17,415.00	\$25,920.00	\$6,966.00
0500-CF-01480	6-Inch EZ Valve Insertion Valve And Box	4	EA	\$15,200.00	\$16,340.00	\$48,640.00	\$13,072.00	\$16,416.00	\$17,647.20	\$52,531.20	\$14,117.76
0500-CF-01490	8-Inch EZ Valve Insertion Valve And Box	4	EA	\$17,500.00	\$18,812.50	\$56,000.00	\$15,050.00	\$18,900.00			

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02550-CI-00520	8" x 6" Tap/Sleeve On Iron Pipe, Valve & Valve Box	5	EA	\$10,500.00	\$11,287.50	\$42,000.00	\$11,287.50	\$11,340.00	\$12,190.50	\$45,360.00	\$12,190.50
02550-CI-00520	6" x 6" Tap/Sleeve On Iron Pipe, Valve & Valve Box	5	EA	\$10,500.00	\$11,287.50	\$42,000.00	\$11,287.50	\$11,340.00	\$12,190.50	\$45,360.00	\$12,190.50
02550-CI-00560	Casing pipe, Bore and Jack (3/8" wall T) - 16" NPS	50	LF	\$1,450.00	\$1,558.75	\$58,000.00	\$15,587.50	\$1,566.00	\$1,683.45	\$62,640.00	\$16,834.50
02550-CI-00560	Casing pipe, Bore and Jack (3/8" wall T) - 20" NPS	50	LF	\$1,650.00	\$1,773.75	\$66,000.00	\$17,737.50	\$1,782.00	\$1,915.65	\$71,280.00	\$19,156.50
02550-CI-00560	Casing pipe, Bore and Jack (3/8" wall T) - 22" NPS	50	LF	\$1,650.00	\$1,773.75	\$66,000.00	\$17,737.50	\$1,782.00	\$1,915.65	\$71,280.00	\$19,156.50
02550-CI-00560	Casing pipe, Bore and Jack (3/8" wall T) - 24" NPS	50	LF	\$1,650.00	\$1,773.75	\$66,000.00	\$17,737.50	\$1,782.00	\$1,915.65	\$71,280.00	\$19,156.50
02550-CI-00560	Casing pipe, Bore and Jack (3/8" wall T) - 30" NPS	25	LF	\$2,850.00	\$3,063.75	\$57,000.00	\$15,318.75	\$3,078.00	\$3,308.85	\$61,560.00	\$16,544.25
02550-CI-00600	PVC Pipe (4" or 6"), SDR 35 (less than 14' of cover), only when not included in other pay items	250	LF	\$320.00	\$344.00	\$64,000.00	\$17,200.00	\$345.60	\$371.52	\$69,120.00	\$18,576.00
02550-CI-00610	PVC Pipe (4" or 6"), SDR 26 or stronger (14' to 20' of cover), only when not included in other pay items	250	LF	\$480.00	\$516.00	\$96,000.00	\$25,800.00	\$518.40	\$557.28	\$103,680.00	\$27,864.00
02550-CI-00620	Abandon Existing Corporation Stop (TO BE PERFORMED AS DIRECTED BY THE COUNTY PROJECT OFFICER)	2	EA	\$1,650.00	\$1,773.75	\$2,640.00	\$709.50	\$1,782.00	\$1,915.65	\$2,851.20	\$766.26
02550-CI-00630	Service Taps - 3/4-inch and 1-inch (TAP MAIN, INSTALL COPPER TUBING, INSTALL ANGLE VALVES, CORPORATION COCK, METER BOX AND METER YOKE/METER, CONNECT TO EXISTING PRIVATE SERVICE LINE, BACKFILL AND EXCAVATION)--UP TO 10 FT.	10	EA	\$2,600.00	\$2,795.00	\$20,800.00	\$5,590.00	\$2,808.00	\$3,018.60	\$22,464.00	\$6,037.20
02550-CI-00640	Service Taps - 3/4-inch and 1-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	100	LF	\$85.00	\$91.40	\$6,800.00	\$1,828.00	\$91.80	\$98.71	\$7,344.00	\$1,974.24
02550-CI-00650	Service Re-Taps - 3/4-inch and 1-inch (TAP MAIN, INSTALL COPPER TUBING, CONNECT TO EXISTING SERVICE LINE, ABANDON CORPORATION COCK FROM EXISTING SERVICE LINE, BACKFILL AND EXCAVATION)--UP TO 10 FT.	2	EA	\$2,800.00	\$3,010.00	\$4,480.00	\$1,204.00	\$3,024.00	\$3,250.80	\$4,838.40	\$1,300.32
02550-CI-00660	Service Re-Taps - 3/4-inch and 1-inch PER ADDITIONAL LINEAR FT. OVER 10 FT.	20	LF	\$85.00	\$91.40	\$1,360.00	\$365.60	\$91.80	\$98.71	\$1,468.80	\$394.85
02550-CI-00670	Water Meter Relocations - - 3/4-inch and 1-inch (INSTALL COPPER TUBING, CONNECT TO EXISTING COUNTY AND PRIVATE SERVICE LINES, PROVIDE NEW ANGLE VALVES, RELOCATE METER HOUSING AND METER YOKE, BACKFILL AND EXCAVATION)--UP TO 10 FT.	75	EA	\$2,600.00	\$2,795.00	\$156,000.00	\$41,925.00	\$2,808.00	\$3,018.60	\$168,480.00	\$45,279.00
02550-CI-00680	Service Relocations - 3/4-inch and 1-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	100	LF	\$85.00	\$91.40	\$6,800.00	\$1,828.00	\$91.80	\$98.71	\$7,344.00	\$1,974.24
02550-CI-00690	Service Taps - 1 1/2-inch and 2-inch (TAP MAIN, INSTALL COPPER TUBING, INSTALL GATE VALVES, CORPORATION COCK, METER BOX AND METER, CONNECT TO EXISTING PRIVATE SERVICE LINE, BACKFILL AND EXCAVATION)--UP TO 10 FT.	4	EA	\$4,500.00	\$4,837.50	\$14,400.00	\$3,870.00	\$4,860.00	\$5,224.50	\$15,552.00	\$4,179.60
02550-CI-00700	Service Taps - 1 1/2-inch and 2-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	40	LF	\$95.00	\$102.15	\$3,040.00	\$817.20	\$102.60	\$110.32	\$3,283.20	\$882.58
02550-CI-00710	Service Re-Taps - 1 1/2-inch and 2-inch (TAP MAIN, INSTALL COPPER TUBING, CONNECT TO EXISTING SERVICE LINE, ABANDON CORPORATION COCK FROM EXISTING SERVICE LINE, BACKFILL AND EXCAVATION)--UP TO 10 FT.	2	EA	\$5,900.00	\$6,342.50	\$9,440.00	\$2,537.00	\$6,372.00	\$6,849.90	\$10,195.20	\$2,739.96
02550-CI-00720	Service Re-Taps - 1 1/2-inch and 2-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	20	LF	\$95.00	\$102.15	\$1,520.00	\$408.60	\$102.60	\$110.32	\$1,641.60	\$441.29
02550-CI-00730	Water Meter Relocations - 1 1/2-inch and 2-inch (INSTALL COPPER TUBING, CONNECT TO EXISTING COUNTY AND PRIVATE SERVICE LINES, PROVIDE NEW GATE VALVES, RELOCATE METER HOUSING AND METER, BACKFILL AND EXCAVATION)--UP TO 10 FT.	4	EA	\$4,200.00	\$4,515.00	\$13,440.00	\$3,612.00	\$4,536.00	\$4,876.20	\$14,515.20	\$3,900.96
02550-CI-00740	Service Relocations - 1 1/2-inch and 2-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	40	LF	\$95.00	\$102.15	\$3,040.00	\$817.20	\$102.60	\$110.32	\$3,283.20	\$882.58
02550-CI-00750	Abandon Concrete Watermain Manhole	2	EA	\$950.00	\$1,021.25	\$1,520.00	\$408.50	\$1,026.00	\$1,102.95	\$1,641.60	\$441.18
02550-CI-00760	Abandon Existing Water Main (All sizes and depths)	100	LF	\$65.00	\$70.00	\$5,200.00	\$1,400.00	\$70.20	\$75.60	\$5,616.00	\$1,512.00
02550-CI-00770	Water Meter Frame & Cover, Replace	20	EA	\$450.00	\$483.75	\$7,200.00	\$1,935.00	\$486.00	\$522.45	\$7,776.00	\$2,089.80
02550-CI-00780	Water Meter Box vertical Adjustment to New Grade	100	EA	\$450.00	\$483.75	\$36,000.00	\$9,675.00	\$486.00	\$522.45	\$38,880.00	\$10,449.00
02550-CI-00790	Water Valve Box vertical Adjustment to New Grade	50	EA	\$550.00	\$591.25	\$22,000.00	\$5,912.50	\$594.00	\$638.55	\$23,760.00	\$6,385.50
02550-CI-00800	Gas Valve Box vertical Adjustment to New Grade	10	EA	\$550.00	\$591.25	\$4,400.00	\$1,182.50	\$594.00	\$638.55	\$4,752.00	\$1,277.10
02550-CI-00810	Non-Freeze Boxed Ground Hydrant (with Locking Cover and Key), Jay R. Smith or County approved equal (Excavation, Install Copper Tubing, Connect to County Water Meter, Install Ground Hydrant w/Compacted Pea Gravel, Backfill, and Surface Grade Restoration	5	EA	\$4,200.00	\$4,515.00	\$16,800.00	\$4,515.00	\$4,536.00	\$4,876.20	\$18,144.00	\$4,876.20
02550-CI-00820	Remove Existing Valve Boxes	10	EA	\$450.00	\$483.75	\$3,600.00	\$967.50	\$486.00	\$522.45	\$3,888.00	\$1,044.90
				SUBTOTAL	\$2,568,900.00	\$690,401.60	\$690,401.60	SUBTOTAL	\$2,774,412.00	\$745,633.73	

C7 SANITARY SEWER WORK

02510-C7-00010	Sanitary Sewer - 8" PVC, SDR 35, DEPTH < 8'	50	LF	\$360.00	\$387.00	\$14,400.00	\$3,870.00	\$388.80	\$417.96	\$15,552.00	\$4,179.60
02510-C7-00020	Sanitary Sewer - 8" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$395.00	\$425.00	\$6,320.00	\$1,700.00	\$426.60	\$459.00	\$6,825.60	\$1,836.00
02510-C7-00030	Sanitary Sewer - 8" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$560.00	\$602.00	\$4,480.00	\$1,204.00	\$604.80	\$650.16	\$4,838.40	\$1,300.32
02510-C7-00040	Sanitary Sewer - 10" PVC, SDR 35, DEPTH < 8'	50	LF	\$275.00	\$295.65	\$11,000.00	\$2,956.50	\$297.00	\$319.30	\$11,880.00	\$3,193.02
02510-C7-00050	Sanitary Sewer - 10" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$375.00	\$403.15	\$6,000.00	\$1,612.60	\$405.00	\$435.40	\$6,480.00	\$1,741.61
02510-C7-00060	Sanitary Sewer - 10" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$550.00	\$591.25	\$4,400.00	\$1,182.50	\$594.00	\$638.55	\$4,752.00	\$1,277.10
02510-C7-00070	Sanitary Sewer - 12" PVC, SDR 35, DEPTH < 8'	50	LF	\$275.00	\$295.65	\$11,000.00	\$2,956.50	\$297.00	\$319.30	\$11,880.00	\$3,193.02
02510-C7-00080	Sanitary Sewer - 12" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$375.00	\$403.15	\$6,000.00	\$1,612.60	\$405.00	\$435.40	\$6,480.00	\$1,741.61
02510-C7-00090	Sanitary Sewer - 12" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$420.00	\$451.50	\$3,360.00	\$903.00	\$453.60	\$487.62	\$3,628.80	\$975.24
02510-C7-00100	Sanitary Sewer - 15" PVC, SDR 35, DEPTH < 8'	50	LF	\$320.00	\$344.00	\$12,800.00	\$3,440.00	\$345.60	\$371.52	\$13,824.00	\$3,715.20
02510-C7-00110	Sanitary Sewer - 15" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$440.00	\$473.00	\$7,040.00	\$1,892.00	\$475.20	\$510.84	\$7,603.20	\$2,043.36
02510-C7-00120	Sanitary Sewer - 15" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$650.00	\$698.75	\$5,200.00	\$1,397.50	\$702.00	\$754.65	\$5,616.00	\$1,509.30
02510-C7-00130	Sanitary Sewer - 18" PVC, SDR 35, DEPTH < 8'	50	LF	\$320.00	\$344.00	\$12,800.00	\$3,440.00	\$345.60	\$371.52	\$13,824.00	\$3,715.20
02510-C7-00140	Sanitary Sewer - 18" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$540.00	\$580.50	\$8,640.00	\$2,322.00	\$583.20	\$626.94	\$9,331.20	\$2,507.76
02510-C7-00150	Sanitary Sewer - 18" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$650.00	\$698.75	\$5,200.00	\$1,397.50	\$702.00	\$754.65	\$5,616.00	\$1,509.30
02510-C7-00160	Sanitary Sewer - 21" PVC, SDR 35, DEPTH < 8'	50	LF	\$345.00	\$370.90	\$13,800.00	\$3,709.00	\$372.60	\$400.57	\$14,904.00	\$4,005.72
02510-C7-00170	Sanitary Sewer - 21" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$420.00	\$451.50	\$6,720.00	\$1,806.00	\$453.60	\$487.62	\$7,257.60	\$1,950.48
02510-C7-00180	Sanitary Sewer - 21" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$540.00	\$580.50	\$4,320.00	\$1,161.00	\$583.20	\$626.94	\$4,665.60	\$1,253.88
02510-C7-00190	Sanitary Sewer - 24" PVC, SDR 35, DEPTH < 8'	50	LF	\$345.00	\$370.90	\$13,800.00	\$3,709.00	\$372.60	\$400.57	\$14,904.00	\$4,005.72
02510-C7-00200	Sanitary Sewer - 24" PVC, SDR 35, 8' ≤ DEPTH < 14'	20	LF	\$540.00	\$580.50	\$8,640.00	\$2,322.00	\$583.20	\$626.94	\$9,331.20	\$2,507.76
02510-C7-00210	Sanitary Sewer - 24" PVC, SDR 26, 14' ≤ DEPTH ≤ 20	10	LF	\$650.00	\$698.75	\$5,200.00	\$1,397.50	\$702.00	\$754.65	\$5,616.00	\$1,509.30
02510-C7-00240	Sanitary Sewer- 8"DIP CLASS 52, DEPTH < 8'	50	LF	\$280.00	\$301.00	\$11,200.00	\$3,010.00	\$302.40	\$325.00	\$12,096.00	\$3,250.80
02510-C7-00250	Sanitary Sewer- 8"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$420.00	\$451.50	\$6,720.00	\$1,806.00	\$453.60	\$487.62	\$7,257.60	\$1,950.48
02510-C7-00260	Sanitary Sewer- 8"DIP CLASS 52, 15' ≤ DEPTH ≤ 20	10	LF	\$560.00	\$602.00	\$4,480.00	\$1,204.00	\$604.80	\$650.16	\$4,838.40	\$1,300.32
02510-C7-00270	Sanitary Sewer- 10"DIP CLASS 52, DEPTH < 8'	50	LF	\$280.00	\$301.00	\$11,200.00	\$3,010.00	\$302.40	\$325.00	\$12,096.00	\$3,250.80
02510-C7-00280	Sanitary Sewer- 10"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$360.00	\$387.00	\$5,760.00	\$1,548.00	\$388.80	\$417.96	\$6,220.80	\$1,671.84
02510-C7-00290	Sanitary Sewer- 10"DIP CLASS 52, 15' ≤ DEPTH ≤ 20	10	LF	\$390.00	\$419.25	\$3,120.00	\$838.50	\$421.20	\$452.79	\$3,369.60	\$905.58
02510-C7-00300	Sanitary Sewer- 12"DIP CLASS 52, DEPTH < 8'	50	LF	\$290.00	\$311.75	\$11,600.00	\$3,117.50	\$313.20	\$336.69	\$12,528.00	\$3,366.90
02510-C7-00310	Sanitary Sewer- 12"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$390.00	\$419.25	\$6,240.00	\$1,677.00	\$421.20	\$452.79	\$6,739.20	\$1,811.16
02510-C7-00320	Sanitary Sewer- 12"DIP CLASS 52, 15' ≤ DEPTH ≤ 20	10	LF	\$450.00	\$483.75	\$3,600.00	\$967.50	\$486.00	\$522.45	\$3,888.00	\$1,044.90

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02510-C7-00600	Sanitary Sewer- 14"DIP CLASS 52, DEPTH < 8'	50	LF	\$360.00	\$387.00	\$14,400.00	\$3,870.00	\$388.80	\$417.96	\$15,552.00	\$4,179.60
02510-C7-00610	Sanitary Sewer- 14"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$480.00	\$516.00	\$7,680.00	\$2,064.00	\$518.40	\$557.28	\$8,294.40	\$2,229.12
02510-C7-00620	Sanitary Sewer- 14"DIP CLASS 52, 15' ≤ DEPTH ≤ 20'	10	LF	\$650.00	\$698.75	\$5,200.00	\$1,397.50	\$702.00	\$754.65	\$5,616.00	\$1,509.30
02510-C7-00630	Sanitary Sewer- 18"DIP CLASS 52, DEPTH < 8'	50	LF	\$380.00	\$408.50	\$15,200.00	\$4,085.00	\$410.40	\$441.18	\$16,416.00	\$4,411.80
02510-C7-00640	Sanitary Sewer- 18"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$480.00	\$516.00	\$7,680.00	\$2,064.00	\$518.40	\$557.28	\$8,294.40	\$2,229.12
02510-C7-00650	Sanitary Sewer- 18"DIP CLASS 52, 15' ≤ DEPTH ≤ 20'	10	LF	\$650.00	\$698.75	\$5,200.00	\$1,397.50	\$702.00	\$754.65	\$5,616.00	\$1,509.30
02510-C7-00670	Sanitary Sewer- 20"DIP CLASS 52, DEPTH < 8'	50	LF	\$410.00	\$440.75	\$16,400.00	\$4,407.50	\$442.80	\$476.01	\$17,712.00	\$4,760.10
02510-C7-00680	Sanitary Sewer- 20"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$520.00	\$559.00	\$8,320.00	\$2,236.00	\$561.60	\$603.72	\$8,985.60	\$2,414.88
02510-C7-00690	Sanitary Sewer- 20"DIP CLASS 52, 15' ≤ DEPTH ≤ 20'	10	LF	\$750.00	\$806.25	\$6,000.00	\$1,612.50	\$810.00	\$870.75	\$6,480.00	\$1,741.50
02510-C7-00700	Sanitary Sewer- 24"DIP CLASS 52, DEPTH < 8'	50	LF	\$480.00	\$516.00	\$19,200.00	\$5,160.00	\$518.40	\$557.28	\$20,736.00	\$5,572.80
02510-C7-00710	Sanitary Sewer- 24"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$590.00	\$634.25	\$9,440.00	\$2,537.00	\$637.20	\$684.99	\$10,195.20	\$2,739.96
02510-C7-00720	Sanitary Sewer- 24"DIP CLASS 52, 15' ≤ DEPTH ≤ 20'	10	LF	\$890.00	\$956.75	\$7,120.00	\$1,913.50	\$961.20	\$1,033.29	\$7,689.60	\$2,066.58
02510-C7-00730	Sanitary Sewer- 30"DIP CLASS 52, DEPTH < 8'	50	LF	\$580.00	\$623.50	\$23,200.00	\$6,235.00	\$626.40	\$673.38	\$25,056.00	\$6,733.80
02510-C7-00740	Sanitary Sewer- 30"DIP CLASS 52, 8' ≤ DEPTH < 15'	20	LF	\$750.00	\$806.25	\$12,000.00	\$3,225.00	\$810.00	\$870.75	\$12,960.00	\$3,483.00
02510-C7-00750	Sanitary Sewer- 30"DIP CLASS 52, 15' ≤ DEPTH ≤ 20'	10	LF	\$1,050.00	\$1,128.75	\$8,400.00	\$2,257.50	\$1,134.00	\$1,219.05	\$9,072.00	\$2,438.10
02510-C7-00810	Boring And Jacking 18" TO 24" Casing Pipe With 8" TO 12" Carrier Pipe PER Arlington County SPECIFICATION SECTION 02951 AND DETAIL M-4.0	100	LF	\$1,950.00	\$2,096.25	\$156,000.00	\$41,925.00	\$2,106.00	\$2,263.95	\$168,480.00	\$45,279.00
02510-C7-00820	Manhole - Precast Concrete, 4' ID, DEPTH < 8'	9	EA	\$9,200.00	\$9,890.00	\$66,240.00	\$17,802.00	\$9,936.00	\$10,681.20	\$71,539.20	\$19,226.16
02510-C7-00810	Manhole-Precast Concrete 4' I.D. DEPTH > 8', PER ADDITIONAL VF OVER 8'	20	VF	\$1,500.00	\$1,612.50	\$24,000.00	\$6,450.00	\$1,620.00	\$1,741.50	\$25,920.00	\$6,966.00
02510-C7-00820	Manhole-Precast Concrete 5' I.D. DEPTH < 8'	9	EA	\$11,900.00	\$12,792.50	\$85,680.00	\$23,026.50	\$12,852.00	\$13,815.90	\$92,534.40	\$24,868.62
02510-C7-00830	Manhole-Precast Concrete 5' I.D. DEPTH > 8', PER ADDITIONAL VF OVER 8'	20	VF	\$1,750.00	\$1,881.25	\$28,000.00	\$7,525.00	\$1,890.00	\$2,031.75	\$30,240.00	\$8,127.00
02510-C7-00840	Manhole-Construct Over Existing Sewer, Arlington County DRAWING S-2.2 (PAYMENT SHALL BE FOR DOGHOUSE BASE AND REMAINDER OF MANHOLE SHALL BE PAID UNDER VF PRICES FOR MANHOLES PER ITEM ABOVE)	4	EA	\$12,200.00	\$13,115.00	\$39,040.00	\$10,492.00	\$13,176.00	\$14,164.20	\$42,163.20	\$11,331.36
02510-C7-00850	Sanitary Sewer Drop Connection, All sizes, (Arlington County Detail S-2.3)	20	VF	\$650.00	\$698.75	\$10,400.00	\$2,795.00	\$702.00	\$754.65	\$11,232.00	\$3,018.60
02510-C7-00850	Abandon Existing Sanitary Manhole	2	EA	\$1,950.00	\$2,096.25	\$3,120.00	\$838.50	\$2,106.00	\$2,263.95	\$3,369.60	\$905.58
02510-C7-00850	Connect To Existing Sanitary Manhole	5	EA	\$1,500.00	\$1,612.50	\$6,000.00	\$1,612.50	\$1,620.00	\$1,741.50	\$6,480.00	\$1,741.50
02510-C7-00870	Sanitary Sewer House Laterals(IN ACCORDANCE WITH Arlington County CONSTRUCTION STANDARDS AND SPECIFICATIONS SECTION 02510, PART 3, ITEM 3.5)	100	LF	\$325.00	\$350.00	\$26,000.00	\$7,000.00	\$351.00	\$378.00	\$28,080.00	\$7,560.00
02510-C7-00880	Adjust Sanitary Manhole to New Grade (Arlington County Detail S-2.5), Type A	5	EA	\$1,900.00	\$2,042.50	\$7,600.00	\$2,042.50	\$2,052.00	\$2,205.90	\$8,208.00	\$2,205.90
02510-C7-00880	Adjust Sanitary Manhole to New Grade (Arlington County Detail S-2.5), Type B	3	EA	\$2,500.00	\$2,687.50	\$6,000.00	\$1,612.50	\$2,700.00	\$2,902.50	\$6,480.00	\$1,741.50
02510-C7-00880	Adjust Sanitary Manhole to New Grade (Arlington County Detail S-2.5), Type C	3	EA	\$3,100.00	\$3,332.50	\$7,440.00	\$1,999.50	\$3,348.00	\$3,599.10	\$8,035.20	\$2,159.46
SUBTOTAL							\$866,000.00	\$232,752.70	SUBTOTAL	\$935,280.00	\$251,372.92

C8 TRAFFIC SIGNAL WORK

11100-C8-00010	Cord Drill, Install and Seal Conduit Through Foundation Wall	2	EA	\$1,650.00	\$1,773.75	\$2,640.00	\$709.50	\$1,782.00	\$1,915.65	\$2,851.20	\$766.26
11100-C8-00020	Furnish and Install 2 inch Steel Conduit and Fittings	100	LF	\$35.00	\$37.65	\$2,800.00	\$753.00	\$37.80	\$40.66	\$3,024.00	\$813.24
11100-C8-00030	Furnish and Install 2 inch PVC Conduit and Fittings	250	LF	\$18.00	\$19.35	\$3,600.00	\$967.50	\$19.44	\$20.90	\$3,888.00	\$1,044.90
11100-C8-00040	Furnish and Install 3 inch Steel Conduit and Fittings	100	LF	\$45.00	\$48.40	\$3,600.00	\$968.00	\$48.60	\$52.27	\$3,888.00	\$1,045.44
11100-C8-00050	Furnish and Install 3 inch PVC Conduit and Fittings	250	LF	\$20.00	\$21.50	\$4,000.00	\$1,075.00	\$21.60	\$23.22	\$4,320.00	\$1,161.00
11100-C8-00060	Furnish and Install 4 inch PVC Conduit and Fittings	100	LF	\$20.00	\$21.50	\$1,600.00	\$430.00	\$21.60	\$23.22	\$1,728.00	\$464.40
11100-C8-00070	Furnish and Install 2 inch Conduit Riser	50	LF	\$20.00	\$21.50	\$800.00	\$215.00	\$23.22	\$24.66	\$864.00	\$232.20
11100-C8-00080	Trenching - Asphalt	100	LF	\$65.00	\$70.00	\$5,200.00	\$1,400.00	\$70.20	\$75.60	\$5,616.00	\$1,512.00
11100-C8-00090	Trenching - Exposed Concrete Roadway	250	LF	\$65.00	\$70.00	\$13,000.00	\$3,500.00	\$70.20	\$75.60	\$14,040.00	\$3,780.00
11100-C8-00100	Trenching - Concrete Sidewalk	250	LF	\$65.00	\$70.00	\$13,000.00	\$3,500.00	\$70.20	\$75.60	\$14,040.00	\$3,780.00
11100-C8-00110	Trenching - Earth	250	LF	\$16.00	\$17.20	\$3,200.00	\$860.00	\$17.28	\$18.58	\$3,456.00	\$928.80
11100-C8-00120	Boring 1-2" Conduit	100	LF	\$45.00	\$48.40	\$3,600.00	\$968.00	\$48.60	\$52.27	\$3,888.00	\$1,045.44
11100-C8-00130	Boring 2-2" Conduit	100	LF	\$55.00	\$59.15	\$4,400.00	\$1,183.00	\$59.40	\$63.88	\$4,752.00	\$1,277.64
11100-C8-00140	Boring 3-2" Conduit	50	LF	\$64.00	\$68.80	\$2,560.00	\$688.00	\$69.12	\$74.30	\$2,764.80	\$743.04
11100-C8-00150	Boring 4-2" Conduit	50	LF	\$74.00	\$79.55	\$2,960.00	\$795.50	\$79.92	\$85.91	\$3,196.80	\$859.14
11100-C8-00160	Boring 1-3" Conduit	100	LF	\$51.00	\$54.85	\$4,080.00	\$1,097.00	\$55.08	\$59.24	\$4,406.40	\$1,184.76
11100-C8-00170	Boring 1-4" Conduit	100	LF	\$58.00	\$62.35	\$4,640.00	\$1,247.00	\$62.64	\$67.34	\$5,011.20	\$1,346.76
11100-C8-00180	Boring 2-4" Conduit	100	LF	\$65.00	\$70.00	\$5,200.00	\$1,400.00	\$70.20	\$75.60	\$5,616.00	\$1,512.00
11100-C8-00190	Furnish and Install Quazite Junction Box and Cover (TS4-4)	4	EA	\$1,200.00	\$1,290.00	\$3,840.00	\$1,032.00	\$1,296.00	\$1,393.20	\$4,147.20	\$1,114.56
11100-C8-00200	Furnish and Install Large Junction Box (TS 4-5)	2	EA	\$2,200.00	\$2,365.00	\$3,520.00	\$946.00	\$2,376.00	\$2,554.20	\$3,801.60	\$1,021.68
11100-C8-00210	Furnish and Install Oversize Junction Box (TS 4-6)	1	EA	\$3,200.00	\$3,440.00	\$2,560.00	\$688.00	\$3,456.00	\$3,715.20	\$2,764.80	\$743.04
11100-C8-00220	Install Loop Detector Stub - Out	1	EA	\$650.00	\$698.75	\$520.00	\$139.75	\$702.00	\$754.65	\$561.60	\$150.93
11100-C8-00230	Re-Enter Existing Foundation	1	EA	\$1,290.00	\$1,386.75	\$1,032.00	\$277.35	\$1,393.20	\$1,497.69	\$1,114.56	\$299.54
11100-C8-00240	Re-Enter Existing Junction Boxes	2	EA	\$1,290.00	\$1,386.75	\$2,064.00	\$554.70	\$1,393.20	\$1,497.69	\$2,229.12	\$599.08
11100-C8-00250	Install cabinet foundation (P - Type) with workpad	2	EA	\$4,500.00	\$4,837.50	\$7,200.00	\$1,935.00	\$4,860.00	\$5,224.50	\$7,776.00	\$2,089.80
11100-C8-00260	Install Pole Foundation - 2.5 Ft Diameter By 5.5 Ft Depth (Design #0)	2	EA	\$1,750.00	\$1,881.25	\$2,800.00	\$752.50	\$1,890.00	\$2,031.75	\$3,024.00	\$812.70
11100-C8-00270	Install Pole Foundation - 3 Ft Diameter by 10.5 Ft Depth (Design #1)	2	EA	\$13,500.00	\$14,512.50	\$21,600.00	\$5,805.00	\$14,580.00	\$15,673.50	\$23,328.00	\$6,269.40
11100-C8-00280	Install Pole Foundation - 3 Ft Diameter by 12.5 Ft Depth (Design # 1A)	2	EA	\$14,500.00	\$15,587.50	\$23,200.00	\$6,235.00	\$15,660.00	\$16,834.50	\$25,056.00	\$6,733.80
11100-C8-00290	Install Pole Foundation - 3 Ft Diameter by 16 Ft (Design #1B)	2	EA	\$16,500.00	\$17,737.50	\$26,400.00	\$7,095.00	\$17,820.00	\$19,156.50	\$28,512.00	\$7,662.60
11100-C8-00300	Install Pole Foundation - 4 Ft Diameter by 10.5 Ft Depth (Design #2)	2	EA	\$15,500.00	\$16,662.50	\$24,800.00	\$6,665.00	\$16,740.00	\$17,995.50	\$26,784.00	\$7,198.20
11100-C8-00310	Install Pole Foundation - 4 Ft Diameter by 12.5 Ft Depth (Design #3)	2	EA	\$15,900.00	\$17,092.50	\$25,440.00	\$6,837.00	\$17,172.00	\$18,459.90	\$27,475.20	\$7,383.96
11100-C8-00320	Install Pole Foundation - 4 Ft Diameter by 14 Ft Depth (Design #4)	2	EA	\$15,900.00	\$17,092.50	\$25,440.00	\$6,837.00	\$17,172.00	\$18,459.90	\$27,475.20	\$7,383.96
11100-C8-00330	Install Strain Pole Foundation, (Design #3)	2	EA	\$15,500.00	\$16,662.50	\$24,800.00	\$6,665.00	\$16,740.00	\$17,995.50	\$26,784.00	\$7,198.20
11100-C8-00340	Install Pedestrian Pole Foundation, (Design #0)	2	EA	\$1,600.00	\$1,720.00	\$2,560.00	\$688.00	\$1,728.00	\$1,857.60	\$2,764.80	\$743.04
11100-C8-00350	Demolish Existing Pedestal Pole Foundation	4	EA	\$950.00	\$1,021.25	\$3,040.00	\$817.00	\$1,026.00	\$1,102.95	\$3,283.20	\$882.36
11100-C8-00360	Demolish Existing Signal or Strain Pole Foundation	4	EA	\$2,500.00	\$2,687.50	\$8,000.00	\$2,150.00	\$2,700.00	\$2,902.50	\$8,640.00	\$2,322.00
11100-C8-00370	Demolish Existing Cabinet Foundation	2	EA	\$1,900.00	\$2,042.50	\$3,040.00	\$817.00	\$2,052.00	\$2,205.90	\$3,283.20	\$882.36
11100-C8-00380	Furnish and Install Ground-Mounted Controller Cabinet	2	EA	\$19,500.00	\$20,962.50	\$31,200.00	\$8,385.00	\$21,060.00	\$22,639.50	\$33,696.00	\$9,055.80
11100-C8-00390	Furnish and Install Pole-Mount Controller Cabinet	2	EA	\$18,200.00	\$19,565.00	\$29,120.00	\$7,826.00	\$19,656.00	\$21,130.20	\$31,449.60	\$8,452.08
11100-C8-00400	Furnish and Install Meter Pedestal	2	EA	\$5,990.00	\$6,342.50	\$9,440.00	\$2,537.00	\$6,372.00	\$6,849.90	\$10,195.20	\$2,739.96
11100-C8-00410	Pull Cable In Conduit	250	FT	\$3.00	\$3.25	\$600.00	\$162.50	\$3.24	\$3.51	\$648.00	\$175.50
11100-C8-00420	Remove Cable In Conduit	100	FT	\$2.00	\$2.15	\$160.00	\$43.00	\$2.16	\$2.32	\$172.80	\$46.44
11100-C8-00430	Furnish and Install Triplex service cable in Conduit	100	FT	\$8.00							

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11100-CR-00060	Furnish and Install 12'-16' Pedestal Pole	4	EA	\$2,200.00	\$2,365.00	\$7,040.00	\$1,892.00	\$2,376.00	\$2,554.20	\$7,603.20	\$2,043.36
11100-CR-00070	Furnish and Install Wood Pole	2	EA	\$5,800.00	\$6,235.00	\$9,280.00	\$2,494.00	\$6,264.00	\$6,733.80	\$10,022.40	\$2,693.52
11100-CR-00080	Furnish and Install Down Guys	2	EA	\$975.00	\$1,050.00	\$1,560.00	\$420.00	\$1,053.00	\$1,134.00	\$1,684.80	\$453.60
11100-CR-00090	Remove strain Pole	2	EA	\$1,900.00	\$2,042.50	\$3,040.00	\$817.00	\$2,052.00	\$2,205.90	\$3,283.20	\$882.36
11100-CR-00100	Remove pole with mast arm(s)	4	EA	\$5,800.00	\$6,235.00	\$18,560.00	\$4,988.00	\$6,264.00	\$6,733.80	\$20,044.80	\$5,387.04
11100-CR-00110	Remove Wood Pole	2	EA	\$650.00	\$698.75	\$1,040.00	\$279.50	\$702.00	\$754.65	\$1,123.20	\$301.96
11100-CR-00120	Remove Down Guys	2	EA	\$450.00	\$483.75	\$720.00	\$193.50	\$486.00	\$525.45	\$777.60	\$208.98
11100-CR-00130	Install Steel Messenger Span	10	LF	\$10.00	\$10.75	\$80.00	\$21.50	\$10.80	\$11.61	\$86.40	\$23.22
11100-CR-00140	Install Cable on Steel Span Messenger with Nylon Ties	10	LF	\$6.00	\$6.45	\$48.00	\$12.90	\$6.48	\$6.97	\$51.84	\$13.93
11100-CR-00150	Install Cable on Steel Span Messenger with Cable Rings	50	LF	\$12.00	\$12.90	\$480.00	\$129.00	\$12.96	\$13.93	\$518.40	\$139.32
11100-CR-00160	Remove Steel Span With Cables	100	LF	\$12.00	\$12.90	\$960.00	\$258.00	\$12.96	\$13.93	\$1,036.80	\$278.64
11100-CR-00170	Furnish & Install 3-Section Vehicle Head	5	EA	\$1,300.00	\$1,397.50	\$5,200.00	\$1,397.50	\$1,404.00	\$1,509.30	\$5,616.00	\$1,509.30
11100-CR-00180	Furnish & Install 5-Section Vehicle Head	5	EA	\$2,100.00	\$2,257.50	\$8,400.00	\$2,257.50	\$2,268.00	\$2,438.10	\$9,072.00	\$2,438.10
11100-CR-00190	Furnish & Install pedestrian signal head	5	EA	\$1,350.00	\$1,451.25	\$5,400.00	\$1,451.25	\$1,458.00	\$1,567.35	\$5,832.00	\$1,567.35
11100-CR-00200	Remove & Dispose of Vehicle Heads	5	EA	\$165.00	\$177.40	\$660.00	\$177.40	\$178.20	\$191.59	\$712.80	\$191.59
11100-CR-00210	Remove & Dispose of Pedestrian Heads	5	EA	\$165.00	\$177.40	\$660.00	\$177.40	\$178.20	\$191.59	\$712.80	\$191.59
11100-CR-00220	Install Cable in Traffic Poles and Mast Arms	500	LF	\$3.00	\$3.25	\$1,200.00	\$325.00	\$3.24	\$3.51	\$1,296.00	\$351.00
11100-CR-00230	Furnish and Install Pedestrian Push Button	4	EA	\$595.00	\$639.65	\$1,904.00	\$511.72	\$642.60	\$690.82	\$2,056.32	\$552.66
11100-CR-00240	Furnish and Install Audible Accessible Polara Type Push Button	4	EA	\$3,200.00	\$3,440.00	\$10,240.00	\$2,752.00	\$3,456.00	\$3,715.20	\$11,059.20	\$2,972.16
11100-CR-00250	Furnish and Install Overhead Video Detection Camera	4	EA	\$9,750.00	\$10,481.25	\$31,200.00	\$8,385.00	\$10,530.00	\$11,319.75	\$33,696.00	\$9,055.80
11100-CR-00260	Furnish and Install Overhead Pre-Emption Detector	4	EA	\$3,500.00	\$3,762.50	\$11,200.00	\$3,010.00	\$3,780.00	\$4,063.50	\$12,096.00	\$3,250.80
11100-CR-00270	Furnish and Install LED Countdown Modules in 16" Housing (Per Head)	5	EA	\$1,250.00	\$1,343.75	\$5,000.00	\$1,343.75	\$1,350.00	\$1,451.25	\$5,400.00	\$1,451.25
11100-CR-00280	Install CCTV Camera and cable in Conduit/Pole/Arm	1	EA	\$4,500.00	\$4,837.50	\$3,600.00	\$967.50	\$4,860.00	\$5,224.50	\$3,888.00	\$1,044.90
11100-CR-00290	Replace Existing CCTV camera and Lead in Cable	1	EA	\$16,500.00	\$17,737.50	\$13,200.00	\$3,547.50	\$17,820.00	\$19,156.50	\$14,256.00	\$3,831.30
11100-CR-00300	Replace existing CCTV camera	1	EA	\$15,000.00	\$16,125.00	\$12,000.00	\$3,225.00	\$16,200.00	\$17,415.00	\$12,960.00	\$3,483.00
11100-CR-00310	Remove Underground Communications Cables	50	LF	\$2.00	\$2.15	\$80.00	\$21.50	\$2.16	\$2.32	\$86.40	\$23.22
11100-CR-00320	Remove Aerial Communications Cables	50	LF	\$2.00	\$2.15	\$80.00	\$21.50	\$2.16	\$2.32	\$86.40	\$23.22
11100-CR-00330	Install 3/8" Steel Messenger Span	50	LF	\$8.00	\$8.60	\$320.00	\$86.00	\$8.64	\$9.29	\$345.60	\$92.88
11100-CR-00340	Furnish and Install RTMS unit (Solar)	1	EA	\$49,500.00	\$53,212.50	\$39,600.00	\$10,642.50	\$53,460.00	\$57,469.50	\$42,768.00	\$11,493.90
11100-CR-00350	Furnish and Install RTMS unit (AC)	1	EA	\$24,500.00	\$26,337.50	\$19,600.00	\$5,267.50	\$26,460.00	\$28,444.50	\$21,168.00	\$5,688.90
11100-CR-00360	Furnish and Install Speed indicator Units (Solar)	1	EA	\$13,500.00	\$14,512.50	\$10,800.00	\$2,902.50	\$14,580.00	\$15,673.50	\$11,664.00	\$3,134.70
11100-CR-00370	Furnish and Install Speed indicator Units (AC)	1	EA	\$12,300.00	\$13,222.50	\$9,840.00	\$2,644.50	\$13,284.00	\$14,280.30	\$10,627.20	\$2,856.06
11100-CR-00380	Furnish and install RJ-45 connector	3	EA	\$75.00	\$80.65	\$180.00	\$48.39	\$81.00	\$87.10	\$194.40	\$52.26
11100-CR-00390	Furnish and Install UPS and Supplementary Cabinet	1	EA	\$9,700.00	\$10,427.50	\$7,760.00	\$2,085.50	\$10,476.00	\$11,261.70	\$8,380.80	\$2,252.34
11100-CR-00400	Furnish 14 AWG 7 Conductor Cable	500	LF	\$2.00	\$2.15	\$800.00	\$215.00	\$2.16	\$2.32	\$864.00	\$232.20
11100-CR-00410	Furnish 18 AWG 3 Pair Conductor Cable	250	LF	\$2.00	\$2.15	\$400.00	\$107.50	\$2.16	\$2.32	\$432.00	\$116.10
11100-CR-00420	Furnish 14 AWG 3 Conductor Cable	500	LF	\$2.00	\$2.15	\$800.00	\$215.00	\$2.16	\$2.32	\$864.00	\$232.20
11100-CR-00430	Furnish Extra High Strength Strand Cable	50	LF	\$8.00	\$8.60	\$320.00	\$86.00	\$8.64	\$9.29	\$345.60	\$92.88
11100-CR-00440	Furnish 12 AWG 2 Conductor Cable w/ground	500	LF	\$4.00	\$4.30	\$1,600.00	\$430.00	\$4.32	\$4.64	\$1,728.00	\$464.40
11100-CR-00450	Furnish Single Arm Round Pole Shaft 20' TO 40' Arms (Non-Ornamental)	4	EA	\$12,900.00	\$13,867.50	\$41,280.00	\$11,094.00	\$13,932.00	\$14,976.90	\$44,582.40	\$11,981.52
11100-CR-00460	Furnish Single Arm Round Pole Shaft 42' TO 50' Arms (Non-Ornamental)	4	EA	\$14,500.00	\$15,587.50	\$46,400.00	\$12,470.00	\$15,660.00	\$16,834.50	\$50,112.00	\$13,467.60
11100-CR-00470	Furnish Single Arm Round Pole Shaft 52' TO 60' Arms (Non-Ornamental)	4	EA	\$16,500.00	\$17,737.50	\$52,800.00	\$14,190.00	\$17,820.00	\$19,156.50	\$57,024.00	\$15,325.20
11100-CR-00480	Furnish Single Arm Round Pole Shaft 62' TO 70' Arms (Non-Ornamental)	4	EA	\$21,500.00	\$23,112.50	\$68,800.00	\$18,490.00	\$23,220.00	\$24,961.50	\$74,304.00	\$19,969.20
11100-CR-00490	Furnish 20' to 40' Mast Arms (Non-Ornamental)	4	EA	\$6,300.00	\$6,772.50	\$20,160.00	\$5,418.00	\$6,804.00	\$7,314.30	\$21,772.80	\$5,851.44
11100-CR-00500	Furnish 42' to 50' Mast Arms (Non-Ornamental)	4	EA	\$7,200.00	\$7,740.00	\$23,040.00	\$6,192.00	\$7,776.00	\$8,359.20	\$24,883.20	\$6,687.36
11100-CR-00510	Furnish 52' to 60' Mast Arms (Non-Ornamental)	4	EA	\$10,500.00	\$11,287.50	\$33,600.00	\$9,030.00	\$11,340.00	\$12,190.50	\$36,288.00	\$9,752.40
11100-CR-00520	Furnish 62' to 70' Mast Arms (Non-Ornamental)	4	EA	\$11,500.00	\$12,362.50	\$36,800.00	\$9,890.00	\$12,420.00	\$13,351.50	\$39,744.00	\$10,681.20
11100-CR-00530	Furnish Twin Arm Round Pole Shaft 20' TO 40' Arms (Non-Ornamental)	4	EA	\$14,500.00	\$15,587.50	\$46,400.00	\$12,470.00	\$15,660.00	\$16,834.50	\$50,112.00	\$13,467.60
11100-CR-00540	Furnish Twin Arm Round Pole Shaft 20' TO 50' Arms (Non-Ornamental)	4	EA	\$18,500.00	\$19,887.50	\$59,200.00	\$15,910.00	\$19,980.00	\$21,478.50	\$63,936.00	\$17,182.80
11100-CR-00550	Furnish Twin Arm Round Pole Shaft 20' TO 60' Arms (Non-Ornamental)	4	EA	\$21,000.00	\$22,575.00	\$67,200.00	\$18,060.00	\$22,680.00	\$24,381.00	\$72,576.00	\$19,504.80
11100-CR-00560	Furnish Single Arm Round Pole Shaft 20' TO 40' Arms (Ornamental)	4	EA	\$13,200.00	\$14,190.00	\$42,240.00	\$11,352.00	\$14,256.00	\$15,325.20	\$45,619.20	\$12,260.16
11100-CR-00570	Furnish Single Arm Round Pole Shaft 42' TO 50' Arms (Ornamental)	4	EA	\$15,200.00	\$16,340.00	\$48,640.00	\$13,072.00	\$16,416.00	\$17,647.20	\$52,531.20	\$14,117.76
11100-CR-00580	Furnish Single Arm Round Pole Shaft 52' TO 60' Arms (Ornamental)	4	EA	\$19,500.00	\$20,962.50	\$62,400.00	\$16,770.00	\$21,060.00	\$22,639.50	\$67,392.00	\$18,111.60
11100-CR-00590	Furnish Single Arm Round Pole Shaft 62' TO 70' Arms (Ornamental)	4	EA	\$21,500.00	\$23,112.50	\$68,800.00	\$18,490.00	\$23,220.00	\$24,961.50	\$74,304.00	\$19,969.20
11100-CR-01000	Furnish 20' to 40' Mast Arms (Ornamental)	4	EA	\$6,950.00	\$7,471.25	\$22,240.00	\$5,977.00	\$7,506.00	\$8,068.95	\$24,019.20	\$6,455.16
11100-CR-01010	Furnish 42' to 50' Mast Arms (Ornamental)	4	EA	\$7,950.00	\$8,546.25	\$25,440.00	\$6,837.00	\$8,586.00	\$9,229.95	\$27,475.20	\$7,383.96
11100-CR-01020	Furnish 52' to 60' Mast Arms (Ornamental)	4	EA	\$10,500.00	\$11,287.50	\$33,600.00	\$9,030.00	\$11,340.00	\$12,190.50	\$36,288.00	\$9,752.40
11100-CR-01030	Furnish 62' to 70' Mast Arms (Ornamental)	4	EA	\$12,500.00	\$13,437.50	\$40,000.00	\$10,750.00	\$13,500.00	\$14,512.50	\$43,200.00	\$11,610.00
11100-CR-01040	Furnish Twin Arm Round Pole Shaft 20' TO 40' Arms (Ornamental)	4	EA	\$16,500.00	\$17,737.50	\$52,800.00	\$14,190.00	\$17,820.00	\$19,156.50	\$57,024.00	\$15,325.20
11100-CR-01050	Furnish Twin Arm Round Pole Shaft 20' TO 50' Arms (Ornamental)	4	EA	\$17,500.00	\$18,812.50	\$56,000.00	\$15,050.00	\$18,900.00	\$20,317.50	\$60,480.00	\$16,254.00
11100-CR-01060	Furnish Twin Arm Round Pole Shaft 20' TO 60' Arms (Ornamental)	4	EA	\$21,200.00	\$22,790.00	\$67,840.00	\$18,232.00	\$22,896.00	\$24,613.20	\$73,267.20	\$19,690.56
11100-CR-01070	Furnish 30' Strain Pole	4	EA	\$14,500.00	\$15,587.50	\$46,400.00	\$12,470.00	\$15,660.00	\$16,834.50	\$50,112.00	\$13,467.60
11100-CR-01080	Furnish Transformer Base	4	EA	\$975.00	\$1,050.00	\$3,120.00	\$840.00	\$1,053.00	\$1,134.00	\$3,369.60	\$907.20
11100-CR-01090	Furnish 10' Clamp-on Lighting Arm	4	EA	\$1,250.00	\$1,343.75	\$4,000.00	\$1,075.00	\$1,350.00	\$1,451.25	\$4,320.00	\$1,161.00
11100-CR-01100	Furnish and Install Loop Wire in Saw Cut	500	LF	\$3.00	\$3.25	\$1,200.00	\$325.00	\$3.24	\$3.51	\$1,296.00	\$351.00
11100-CR-01110	Saw Cut for Loop Detector (includes furnishing and installing loop sealant)	500	LF	\$20.00	\$21.50	\$8,000.00	\$2,150.00	\$21.60	\$23.22	\$8,640.00	\$2,322.00
SUBTOTAL						\$1,710,828.00	\$468,525.61	SUBTOTAL	\$1,847,694.24	\$506,007.66	

C9 STREET LIGHTING WORK

14030-CR-00010	Furnish and Install 1 inch Steel Riser on Wooden Poles	50	LF	\$22.00	\$23.65	\$880.00	\$236.50	\$23.76	\$25.54	\$950.40	\$255.42
14030-CR-00020	Furnish and Install 1 inch Steel Conduit on Wall Surfaces	20	LF	\$32.00	\$34.40	\$512.00	\$137.60	\$34.56	\$37.15	\$552.96	\$148.61
14030-CR-00030	Furnish and Install 2 inch SCH 80 HDPE Direct Bore Conduit (Detail 14030-01)	500	LF	\$45.00	\$48.40	\$18,000.00	\$4,840.00	\$48.60	\$52.27	\$19,440.00	\$5,227.20
14030-CR-00040	Furnish and Install 2 Inch SCH 40 PVC Conduit in Trench (Detail 14030-01)	1000	LF	\$20.00	\$21.50	\$16,000.00	\$4,300.00	\$21.60	\$23.22	\$17,280.00	\$4,644.00
14030-CR-00050	Furnish and Install 2 inch SCH 40 PVC Conduit in Road Crossing (Detail 14030-01)	500	LF	\$58.00	\$62.35	\$23,200.00	\$6,235.00	\$62.64	\$67.34	\$25,056.00	\$6,733.80
14030-CR-00060	Trenching - Asphalt	100	LF	\$52.00	\$55.90	\$4,160.00	\$				

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14030-CF-00040	Remove Existing Conduit	100	LF	\$6.00	\$6.45	\$480.00	\$129.00	\$6.48	\$6.97	\$518.40	\$139.32
14030-CF-00050	Remove Underground Conduit	100	LF	\$6.50	\$7.00	\$520.00	\$140.00	\$7.02	\$7.56	\$561.60	\$151.20
14030-CF-00060	Remove Conduit from Wall Surface (e.g, retaining wall, bridge deck)	20	LF	\$4.00	\$4.30	\$64.00	\$17.20	\$4.32	\$4.64	\$69.12	\$18.58
14040-CF-00070	Furnish and Install Junction Box and Lid SMALL (Detail 14040-01)	20	EA	\$1,750.00	\$1,881.25	\$28,000.00	\$7,525.00	\$1,890.00	\$2,031.75	\$30,240.00	\$8,127.00
14040-CF-00080	Furnish and Install Junction Box and Lid LARGE (Detail 14040-02)	10	EA	\$1,950.00	\$2,096.25	\$15,600.00	\$4,192.50	\$2,106.00	\$2,263.95	\$16,848.00	\$4,527.90
14040-CF-00090	Furnish and Install Junction Box Lid SMALL (Detail 14040-01)	2	EA	\$975.00	\$1,048.13	\$1,560.00	\$419.25	\$1,053.00	\$1,131.98	\$1,684.80	\$452.79
14040-CF-00200	Furnish and Install Junction Box Lid LARGE (Detail 14040-02)	10	EA	\$1,100.00	\$1,182.50	\$8,800.00	\$2,365.00	\$1,188.00	\$1,277.10	\$9,504.00	\$2,554.20
14040-CF-00210	Furnish and Install Wall Mount Junction Box and Lid	5	EA	\$650.00	\$698.75	\$2,600.00	\$698.75	\$702.00	\$754.65	\$2,808.00	\$754.65
14040-CF-00220	Enter Existing Junction Box	10	EA	\$1,290.00	\$1,386.75	\$10,320.00	\$2,773.50	\$1,393.20	\$1,497.69	\$11,145.60	\$2,995.38
14040-CF-00230	Remove Junction Box SMALL	5	EA	\$650.00	\$698.75	\$2,600.00	\$698.75	\$702.00	\$754.65	\$2,808.00	\$754.65
14040-CF-00240	Remove Junction Box LARGE	2	EA	\$975.00	\$1,050.00	\$1,560.00	\$420.00	\$1,053.00	\$1,134.00	\$1,684.80	\$453.60
14040-CF-00250	Adjust Existing Junction Box to Grade	5	EA	\$1,250.00	\$1,343.75	\$5,000.00	\$1,343.75	\$1,350.00	\$1,451.25	\$5,400.00	\$1,451.25
14050-CF-00260	Furnish & Install # 6" Copper Stranded XHHW-2 including grounding conductor per AC 2020 Lighting Specifications, Section 14050: Lighting Conductors	20	LF					\$13.25	\$14.00	\$212.00	\$56.00
14050-CF-00270	Furnish & Install # 12 UF Cable with ground wire	20	LF	\$5.00	\$5.40	\$80.00	\$21.60	\$5.40	\$5.83	\$86.40	\$23.33
14050-CF-00280	Remove Conductor	50	LF	\$2.00	\$2.15	\$80.00	\$21.50	\$2.16	\$2.32	\$86.40	\$23.22
14060-CF-00290	Install Streetlight Pole Foundation (Detail 14060-01)	2	EA	\$1,750.00	\$1,881.25	\$2,800.00	\$752.50	\$1,890.00	\$2,031.75	\$3,024.00	\$812.70
14060-CF-00300	Install Roadway Light Pole Foundation (Detail 14060-03)	2	EA	\$1,950.00	\$2,096.25	\$3,120.00	\$838.50	\$2,106.00	\$2,263.95	\$3,369.60	\$905.58
14060-CF-00310	Install Shallow Depth Foundation (Detail 14060-02)	2	EA	\$1,950.00	\$2,096.25	\$3,120.00	\$838.50	\$2,106.00	\$2,263.95	\$3,369.60	\$905.58
14060-CF-00320	Enter Existing Foundation	2	EA	\$1,250.00	\$1,343.75	\$2,000.00	\$537.50	\$1,350.00	\$1,451.25	\$2,160.00	\$580.50
14060-CF-00340	Demolish Existing Foundation	2	EA	\$2,950.00	\$3,171.25	\$4,720.00	\$1,268.50	\$3,186.00	\$3,424.95	\$5,097.60	\$1,369.98
14060-CF-00350	Removal of Existing Foundation - up to 4' Deep	2	EA	\$5,400.00	\$5,805.00	\$8,640.00	\$2,322.00	\$5,832.00	\$6,269.40	\$9,331.20	\$2,507.76
14060-CF-00360	Removal of Existing Foundation - 4' to 8' Deep	2	EA	\$11,900.00	\$12,792.50	\$19,040.00	\$5,117.00	\$12,852.00	\$13,815.90	\$20,563.20	\$5,526.36
14100-CF-00370	Furnish and Install Meter Pan, Pedestal, Control Box and Components. As per AC 2020 Lighting Specifications, Section 14100: Electrical Services and Standard DWG no. 14100-01	2	EA					\$9,350.00	\$9,850.00	\$14,960.00	\$3,940.00
14110-CF-00380	Furnish and install wallpack LED luminaire	2	EA	\$2,900.00	\$3,117.50	\$4,640.00	\$1,247.00	\$3,132.00	\$3,366.90	\$5,011.20	\$1,346.76
14080-CF-00390	Single Aluminum Carlyle	40	EA	\$4,200.00	\$4,515.00	\$134,400.00	\$36,120.00	\$4,536.00	\$4,876.20	\$145,152.00	\$39,009.60
14080-CF-00400	Single Composite Carlyle	2	EA	\$4,200.00	\$4,515.00	\$6,720.00	\$1,806.00	\$4,536.00	\$4,876.20	\$7,257.60	\$1,950.48
14055-CF-00410	Decorative Post-Top Aluminum Streetlight Pole with Double Post-Top Luminaires. As per AC 2020 Lighting Specifications, Section 14112: Typical Light Pole/Luminaire Combinations and Standards DWG no. 14112-02	5	EA					\$16,225.00	\$17,050.00	\$64,900.00	\$17,050.00
14055-CF-00420	Double Composite Carlyle	2	EA	\$4,500.00	\$4,837.50	\$7,200.00	\$1,935.00	\$4,860.00	\$5,224.50	\$7,776.00	\$2,089.80
14055-CF-00430	Single Teardrop	2	EA	\$3,500.00	\$3,762.50	\$5,600.00	\$1,505.00	\$3,780.00	\$4,063.50	\$6,048.00	\$1,625.40
14055-CF-00440	Single Teardrop with Carlyle Rear Mount	2	EA	\$5,600.00	\$6,020.00	\$8,960.00	\$2,408.00	\$6,048.00	\$6,501.60	\$9,676.80	\$2,600.64
14055-CF-00450	Dual Arm Teardrop	5	EA	\$5,600.00	\$6,020.00	\$22,400.00	\$6,020.00	\$6,048.00	\$6,501.60	\$24,192.00	\$6,501.60
14055-CF-00460	Cobra Decorative	5	EA	\$1,900.00	\$2,042.50	\$7,600.00	\$2,042.50	\$2,052.00	\$2,205.90	\$8,208.00	\$2,205.90
14055-CF-00470	Cobra Direct-Buried Non-Decorative	5	EA	\$8,950.00	\$9,621.25	\$35,800.00	\$9,621.25	\$9,666.00	\$10,390.95	\$38,664.00	\$10,390.95
SUBTOTAL						\$458,616.00	\$123,264.15	\$575,377.28	\$154,171.28		

C10 PAVEMENT MARKING AND SIGNAGE WORK

02000-C10-00010	Four (4) Inch Transverse Markings	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02000-C10-00020	Six (6) Inch Transverse Markings	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02000-C10-00030	Twelve (12) Inch Transverse Markings	75	LF	\$6.00	\$6.45	\$360.00	\$96.75	\$6.48	\$6.97	\$388.80	\$104.49
02000-C10-00040	Eighteen (18) Inch Transverse Markings	750	LF	\$6.50	\$7.00	\$3,900.00	\$1,050.00	\$7.02	\$7.56	\$4,212.00	\$1,134.00
02000-C10-00050	Twenty Four (24) Inch Transverse Markings, Note: Used For Continental (Ladder) Crosswalk	750	LF	\$9.50	\$10.21	\$5,700.00	\$1,531.50	\$10.26	\$11.03	\$6,156.00	\$1,654.02
02000-C10-00060	Yield Line Markings (Twenty Four (24) Inch Triangle/Twelve (12) Inch Spacing), Note: LF is Width of Lane for Units	150	LF	\$30.00	\$32.25	\$3,600.00	\$967.50	\$32.40	\$34.83	\$3,888.00	\$1,044.90
02000-C10-00070	Four (4) Inch Longitudinal Solid Line	15000	LF	\$1.00	\$1.10	\$12,000.00	\$3,300.00	\$1.08	\$1.19	\$12,960.00	\$3,564.00
02000-C10-00080	Four (4) Inch Longitudinal Skip Line (Ten (10) Foot Line/Thirty (30) Foot Spacing), Note: Forty (40) LF Consists of Ten (10) LF of Marking and Thirty (30) LF of Space	750	LF	\$1.00	\$1.10	\$600.00	\$165.00	\$1.08	\$1.19	\$648.00	\$178.20
02000-C10-00090	Four (4) Inch Longitudinal Skip Line (Ten (10) Foot Line/Twenty (20) Foot Spacing), Note: Thirty (30) LF Consists of Ten (10) LF of Marking and Twenty (20) LF of Space	750	LF	\$1.00	\$1.10	\$600.00	\$165.00	\$1.08	\$1.19	\$648.00	\$178.20
02000-C10-00100	Four (4) Inch Longitudinal Skip Line (Two (2) Foot Line/Ten (10) Foot Spacing), Note: Twelve (12) LF Consists of Two (2) LF of Marking and Ten (10) LF of Space, **Turn Lane Skips**	375	LF	\$1.00	\$1.10	\$300.00	\$82.50	\$1.08	\$1.19	\$324.00	\$89.10
02000-C10-00110	Four (4) Inch Longitudinal Skip Line (Three (3) Foot Line/Nine (9) Foot Spacing), Note: 12 LF Consists of 3 LF of Marking and 9 LF of Space, **Centerline For Bike Trail Only**	150	LF	\$1.00	\$1.10	\$120.00	\$33.00	\$1.08	\$1.19	\$129.60	\$35.64
02000-C10-00120	Six (6) Inch Longitudinal Solid Line	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02000-C10-00130	Six (6) Inch Longitudinal Skip Line (Ten (10) Foot Line/Thirty (30) Foot Spacing), Note: Forty (40) LF Consists of Ten (10) LF of Marking and Thirty (30) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02000-C10-00140	Six (6) Inch Longitudinal Skip Lane (Ten (10) Foot Line/Twenty (20) Foot Spacing), Note: Thirty (30) LF Consists of Ten (10) LF of Marking and Twenty (20) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02000-C10-00150	Six (6) Inch Longitudinal Skip Line (Two (2) Foot Line/Ten (10) Foot Spacing), Note: Twelve (12) LF Consists of Two (2) LF of Marking and Ten (10) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02000-C10-00160	Six (6) Inch Longitudinal Skip Line (Two (2) Foot Line/ Four (4) Foot Spacing), Note: Twelve (12) LF Consists of Two (2) LF of Marking and Four (4) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02000-C10-00170	Twelve (12) Inch Yellow Longitudinal Centerline, Two - Four (4) Inch Yellow Lines with Four (4) Inch Separation	3750	LF	\$2.00	\$2.15	\$6,000.00	\$1,612.50	\$2.16	\$2.32	\$6,480.00	\$1,741.50
02000-C10-00180	Twelve (12) Inch Yellow Two-Way Left Turn Lane Marking, (One-Four (4) Inch Solid Yellow Skip Line (10/30) with Four (4) Inch Spacing), Note: Forty (40) LF Consists of Ten (10) LF of Marking and Thirty (30) LF of Space Next To Forty (40) LF of Marking	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02000-C10-00190	Twelve (12) Inch Yellow Longitudinal Reversible Lane Marking, Two - Four (4) Inch Yellow Skip Lines (10/30) with Four (4) Inch Spacing	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66

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02900-C10-00020	Longitudinal Wide Double Skip Line, Two - Ten (10) Foot Lines/Thirty (30) Foot Spacing, Note: Forty (40) LF Consists of Ten (10) LF of Marking and Thirty (30) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02900-C10-00020	Longitudinal Wide Double Skip Line, Two - Ten (10) Foot Lines/Twenty (20) Foot Spacing, Note: Thirty (30) LF Consists of Ten (10) LF of Marking and Twenty (20) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02900-C10-00020	Longitudinal Wide Double Skip Line, Two - Two (2) Foot Lines/Ten (10) Foot Spacing, Note: Twelve (12) LF Consists of Two (2) LF of Marking and Ten (10) LF of Space	75	LF	\$2.00	\$2.15	\$120.00	\$32.25	\$2.16	\$2.32	\$129.60	\$34.83
02900-C10-00030	Eight (8) Foot Letters, Note: 'Turn Only' (for example)	15	EA	\$150.00	\$161.25	\$1,800.00	\$483.75	\$162.00	\$174.15	\$1,944.00	\$522.45
02900-C10-00030	Single Arrows	38	EA	\$135.00	\$145.13	\$4,104.00	\$1,102.95	\$145.80	\$156.74	\$4,432.32	\$1,191.19
02900-C10-00030	Combination Arrows	8	EA	\$215.00	\$231.15	\$1,376.00	\$369.84	\$232.20	\$249.64	\$1,486.08	\$399.43
02900-C10-00030	Lane Reduction Arrows	8	EA	\$650.00	\$698.75	\$4,160.00	\$1,118.00	\$702.00	\$754.65	\$4,492.80	\$1,207.44
02900-C10-00070	Thirteen (13) Foot Yield Ahead Symbol	8	EA	\$350.00	\$376.25	\$2,240.00	\$602.00	\$378.00	\$406.35	\$2,419.20	\$650.16
02900-C10-00080	Speed Hump Markings (MUTCD Fig. 3B-29 Option A, or Fig. 3B-30 Option B), Two (2) Each Per Hump, **Each Hump Will Have 2 - 1 In Each Direction**	8	EA	\$900.00	\$967.50	\$5,760.00	\$1,548.00	\$972.00	\$1,044.90	\$6,220.80	\$1,671.84
02900-C10-00090	Standard Bicycle Symbols (MUTCD, Chapter 9C, Figure 9C-3), "Bike Symbol", "Helmeted Bicyclist Symbol"	75	EA	\$335.00	\$360.15	\$20,100.00	\$5,402.25	\$361.80	\$388.96	\$21,708.00	\$5,834.43
02900-C10-00090	Standard Bicycle Symbols (MUTCD, Chapter 9C, Figure 9C-9), "Shared Lane Marking"	75	EA	\$450.00	\$483.75	\$27,000.00	\$7,256.25	\$486.00	\$522.45	\$29,160.00	\$7,836.75
02900-C10-00100	Standard Bicycle Symbols (MUTCD, Chapter 9C, Figure 9C-7), "Bike Detector Symbol"	8	EA	\$250.00	\$268.75	\$1,600.00	\$430.00	\$270.00	\$290.25	\$1,728.00	\$464.40
02900-C10-00100	Six (6) Foot Bicycle Lane Arrow (Only for Multi-Use or Bikes Opposing Traffic)	8	EA	\$135.00	\$145.15	\$864.00	\$232.24	\$145.80	\$156.76	\$933.12	\$250.82
02900-C10-00030	Preferential Lane Symbol	8	EA	\$1,200.00	\$1,290.00	\$7,680.00	\$2,064.00	\$1,296.00	\$1,393.20	\$8,294.40	\$2,229.12
02900-C10-00040	Handicap Symbol (Off-Street)	8	EA	\$375.00	\$403.15	\$2,400.00	\$645.04	\$405.00	\$435.40	\$2,592.00	\$696.64
02900-C10-00030	Colorized Bike Lane Coatings (per Supplemental Specification 02901)	75	SY	\$55.00	\$59.15	\$3,300.00	\$887.25	\$59.40	\$63.88	\$3,564.00	\$958.23
02900-C10-00060	Removal of Existing Longitudinal Lines (Up To and Including Six (6) Inch Width), Note: Base Unit For Removal	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02900-C10-00070	Removal of Existing Longitudinal Lines (Each Additional Six (6) Inch Increment), Note: Add to Base Unit for Lines Wider Than Six (6) Inches	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02900-C10-00080	Removal of Existing Transverse Lines (Up To and Including Six (6) Inch Width), Note: Base Unit For Removal	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02900-C10-00090	Removal of Existing Transverse Lines (Each Additional Six (6) Inch Increment), Note: Add to Base Unit For Lines Wider Than Six (6) Inches	150	LF	\$2.00	\$2.15	\$240.00	\$64.50	\$2.16	\$2.32	\$259.20	\$69.66
02900-C10-00040	Removal of Existing Symbols, Letters, or Arrows	15	EA	\$150.00	\$161.25	\$1,800.00	\$483.75	\$162.00	\$174.15	\$1,944.00	\$522.45
02900-C10-00040	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Install per Detail SG-1.0	150	EA	\$525.00	\$564.40	\$63,000.00	\$16,932.00	\$567.00	\$609.55	\$68,040.00	\$18,286.56
02900-C10-00040	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Relocate with Existing Post	150	EA	\$275.00	\$295.65	\$33,000.00	\$8,869.50	\$297.00	\$319.30	\$35,640.00	\$9,579.06
02900-C10-00040	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Relocate with New Post	40	EA	\$475.00	\$510.65	\$15,200.00	\$4,085.20	\$513.00	\$551.50	\$16,416.00	\$4,412.02
02900-C10-00040	Traffic Control Sign (Typical Stop, Yield, No Parking, Speed Limit, or Similar), Mount Sign to Light or Utility Pole	40	EA	\$375.00	\$403.15	\$12,000.00	\$3,225.20	\$405.00	\$435.40	\$12,960.00	\$3,483.22
02900-C10-00060	Portable Changeable Message Sign	15	DAY	\$125.00	\$134.40	\$1,500.00	\$403.20	\$135.00	\$145.15	\$1,620.00	\$435.46
02900-C10-00025	Twelve (12) Inch Yellow Gore Markings, Twenty (20) Foot Spacing @ 45 Degree	150	LF	\$4.00	\$4.30	\$480.00	\$129.00	\$4.32	\$4.64	\$518.40	\$139.32
02900-C10-00065	Pavement Marking Type D, Temporary Pavement Marking Tape	1000	LF	\$4.00	\$4.30	\$3,200.00	\$860.00	\$4.32	\$4.64	\$3,456.00	\$928.80
02900-C10-00044	Remove and Reset Existing signs with New posts	20	EA	\$535.00	\$575.15	\$8,560.00	\$2,300.60	\$577.80	\$621.16	\$9,244.80	\$2,484.65
	SUBTOTAL					\$257,184.00	\$69,207.77		SUBTOTAL	\$277,758.72	\$74,744.39

C11 LANDSCAPE AND HARDSCAPE RESTORATION WORK

02800-C11-00001	BID ITEM DELETED	-	-								
02800-C11-00002	BID ITEM DELETED	-	-								
02800-C11-00010	Imported Topsoil	750	CY	\$50.00	\$53.75	\$30,000.00	\$8,062.50	\$54.00	\$58.05	\$32,400.00	\$8,707.50
02800-C11-00020	Topsoil for Street Trees, Backfill Soil Mixture of 3/4 Existing Soil and 1/4 Organic Material (per Arlington County DPR Specification)	375	CY	\$105.00	\$112.90	\$31,500.00	\$8,467.50	\$113.40	\$121.93	\$34,020.00	\$9,144.90
02800-C11-00030	Topsoil for Street Trees, Purchased Mixture (per Arlington County DPR Specification)	375	CY	\$105.00	\$112.90	\$31,500.00	\$8,467.50	\$113.40	\$121.93	\$34,020.00	\$9,144.90
02800-C11-00035	Compost	150	CY	\$95.00	\$102.15	\$11,400.00	\$3,064.50	\$102.60	\$110.32	\$12,312.00	\$3,309.66
02800-C11-00040	Shredded hardwood mulch; Aged 6 months minimum - Free of Trash & Debris	150	CY	\$60.00	\$64.50	\$7,200.00	\$1,935.00	\$64.80	\$69.66	\$7,776.00	\$2,089.80
02800-C11-00050	Seed, Mixture of 85% Tall Fescue/Bluegrass and 15% Annual Rye	150	SY	\$3.00	\$3.25	\$360.00	\$97.50	\$3.24	\$3.51	\$388.80	\$105.30
02800-C11-00060	Sod, Tall Fescue/Bluegrass Mixture	3750	SY	\$10.00	\$10.75	\$30,000.00	\$8,062.50	\$10.80	\$11.61	\$32,400.00	\$8,707.50
02800-C11-00070	Sod, Zoysia	2000	SY	\$14.00	\$15.05	\$22,400.00	\$6,020.00	\$15.12	\$16.25	\$24,192.00	\$6,501.60
02800-C11-00080	Hedge Row - Remove, Reset, and Mulch (Includes All Labor and Materials)	450	LF	\$30.00	\$32.25	\$10,800.00	\$2,902.50	\$32.40	\$34.83	\$11,664.00	\$3,134.70
02800-C11-00090	Tree/Stump Removal - Class A. Remove and Dispose, Up to 6" DBH to 12" DBH (Diameter at Breast Height)	10	EA	\$850.00	\$913.75	\$6,800.00	\$1,827.50	\$918.00	\$986.85	\$7,344.00	\$1,973.70
02800-C11-00100	Tree/Stump Removal - Class B. Remove and Dispose, over 12" DBH to 18" DBH (Diameter at Breast Height)	6	EA	\$1,850.00	\$1,988.75	\$8,880.00	\$2,386.50	\$1,998.00	\$2,147.85	\$9,590.40	\$2,577.42
02800-C11-00110	Tree/Stump Removal - Class C. Remove and Dispose, over 18" DBH to 24" DBH (Diameter at Breast Height)	6	EA	\$2,700.00	\$2,902.50	\$12,960.00	\$3,483.00	\$2,916.00	\$3,134.70	\$13,996.80	\$3,761.64
02800-C11-00120	Tree/Stump Removal - Class D. Remove and Dispose, over 24" DBH to 30" DBH (Diameter at Breast Height)	4	EA	\$3,500.00	\$3,762.50	\$11,200.00	\$3,010.00	\$3,780.00	\$4,063.50	\$12,096.00	\$3,250.80
02800-C11-00130	Tree/Stump Removal - Class E. Remove and Dispose, over 30" DBH to 36" DBH (Diameter at Breast Height)	4	EA	\$4,250.00	\$4,568.75	\$13,600.00	\$3,655.00	\$4,590.00	\$4,934.25	\$14,688.00	\$3,947.40
02800-C11-00140	Tree/Stump Removal - Class F. Remove and Dispose, over 36" DBH to 42" DBH (Diameter at Breast Height)	2	EA	\$5,250.00	\$5,643.75	\$8,400.00	\$2,257.50	\$5,670.00	\$6,095.25	\$9,072.00	\$2,438.10
02800-C11-00150	Tree/Stump Removal - Class G. Remove and Dispose, over 42" DBH to 48" DBH (Diameter at Breast Height)	2	EA	\$6,750.00	\$7,256.25	\$10,800.00	\$2,902.50	\$7,290.00	\$7,836.75	\$11,664.00	\$3,134.70
02800-C11-00160	Tree/Stump Removal - Class H. Remove and Dispose, over 48" DBH (Diameter at Breast Height)	2	EA	\$7,000.00	\$7,525.00	\$11,200.00	\$3,010.00	\$7,560.00	\$8,127.00	\$12,096.00	\$3,250.80
02800-C11-00060	Trees, Deciduous - 0.75 to 1.0" caliper	50	EA	\$120.00	\$129.00	\$4,800.00	\$1,290.00	\$129.60	\$139.32	\$5,184.00	\$1,393.20
02800-C11-00060	Trees, Deciduous - 1.0 to 1.5" caliper	50	EA	\$180.00	\$193.50	\$7,200.00	\$1,935.00	\$194.40	\$208.98	\$7,776.00	\$2,089.80
02800-C11-00062	Trees, Deciduous - 1.5 to 2.0" caliper	50	EA	\$245.00	\$263.40	\$9,800.00	\$2,634.00	\$264.60	\$284.47	\$10,584.00	\$2,844.72
02800-C11-00062	Trees, Deciduous - 2.0 to 2.5" caliper	50	EA	\$250.00	\$268.75	\$10,000.00	\$2,687.50	\$270.00	\$290.25	\$10,800.00	\$2,902.50
02800-C11-00064	Trees, Deciduous - 2.5 to 3.0" caliper	40	EA	\$320.00	\$344.00	\$10,240.00	\$2,752.00	\$345.60	\$371.52	\$11,059.20	\$2,972.16
02800-C11-00065	Trees, Deciduous - 3.0 to 3.5" caliper	5	EA	\$440.00	\$473.00	\$1,760.00	\$473.00	\$475.20	\$510.84	\$1,900.80	\$510.84
02800-C11-00066	Trees, Deciduous -4'-5' in height	5	EA	\$95.00	\$102.15	\$380.00	\$102.15	\$102.60	\$110.32	\$410.40	\$110.32
02800-C11-00067	Trees, Deciduous -5'-6' in height	10	EA	\$120.00	\$129.00	\$960.00	\$258.00	\$129.60	\$139.32	\$1,036.80	\$278.64

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03800-C11-00068	Trees, Deciduous -6'-8' in height	30	EA	\$180.00	\$193.50	\$4,320.00	\$1,161.00	\$194.40	\$208.98	\$4,665.60	\$1,253.88
03800-C11-00069	Trees, Deciduous -8'-10' in height	50	EA	\$220.00	\$236.50	\$8,800.00	\$2,365.00	\$237.60	\$255.42	\$9,504.00	\$2,554.20
03800-C11-00070	Trees, Evergreen - 5.0 to 6.0' in height	5	EA	\$220.00	\$236.50	\$880.00	\$236.50	\$237.60	\$255.42	\$950.40	\$255.42
03800-C11-00071	Trees, Evergreen - 6.0 to 7.0' in height	5	EA	\$220.00	\$236.50	\$880.00	\$236.50	\$237.60	\$255.42	\$950.40	\$255.42
03800-C11-00074	Trees, Evergreen - 7.0' to 8.0' in height	5	EA	\$320.00	\$344.00	\$1,280.00	\$344.00	\$345.60	\$371.52	\$1,382.40	\$371.52
03800-C11-00072	Trees, Evergreen - 8.0 to 10.0' in height	5	EA	\$375.00	\$403.15	\$1,500.00	\$403.15	\$405.00	\$435.40	\$1,620.00	\$435.40
03800-C11-00073	Trees, Evergreen - 10.0 to 12.0' in height	5	EA	\$450.00	\$483.75	\$1,800.00	\$483.75	\$486.00	\$522.45	\$1,944.00	\$522.45
03800-C11-00090	Bare root Tree or Shrub Seedling 12"-24"	4	EA	\$6.00	\$6.45	\$19.20	\$5.16	\$6.48	\$6.97	\$20.74	\$5.57
03800-C11-00051	Bare root Tree or Shrub Seedling greater than 24"	2	EA	\$32.00	\$34.40	\$51.20	\$13.76	\$34.56	\$37.15	\$55.30	\$14.86
03800-C11-00070	Herbaceous plants (3" Deep plug Minimum)	500	EA	\$5.00	\$5.40	\$2,000.00	\$540.00	\$5.40	\$5.83	\$2,160.00	\$583.20
03800-C11-00070	Herbaceous Plant (Quart)	200	EA	\$6.00	\$6.45	\$960.00	\$258.00	\$6.48	\$6.97	\$1,036.80	\$278.64
03800-C11-00070	Herbaceous Plant (#1 Container)	200	EA	\$12.00	\$12.90	\$1,920.00	\$516.00	\$12.96	\$13.93	\$2,073.60	\$557.28
03800-C11-00080	Shrub (#1 Container)- Container or B&B	200	EA	\$12.00	\$12.90	\$1,920.00	\$516.00	\$12.96	\$13.93	\$2,073.60	\$557.28
03800-C11-00090	Shrub (#2 Container)- Container or B&B	200	EA	\$22.00	\$23.65	\$3,520.00	\$946.00	\$23.76	\$25.54	\$3,801.60	\$1,021.68
03800-C11-00100	Shrub (#3 Container)- Container or B&B	200	EA	\$32.00	\$34.40	\$5,120.00	\$1,376.00	\$34.56	\$37.15	\$5,529.60	\$1,486.08
03800-C11-00110	Shrub (#5 Container)- Container or B&B	200	EA	\$60.00	\$64.50	\$9,600.00	\$2,580.00	\$64.80	\$69.66	\$10,368.00	\$2,786.40
03800-C11-00081	Tree Staking (Arlington County Park and Recreation, 02930.6 and 02930.7)	150	EA	\$12.00	\$12.90	\$1,440.00	\$387.00	\$12.96	\$13.93	\$1,555.20	\$417.96
31130-C11-00092	Tree Pruning	50	EA	\$300.00	\$322.50	\$12,000.00	\$3,225.00	\$324.00	\$348.30	\$12,960.00	\$3,483.00
31130-C11-00095	Root Pad (DPR Detail 311100.4)	12	CY	\$525.00	\$565.00	\$5,040.00	\$1,356.00	\$567.00	\$610.20	\$5,443.20	\$1,464.48
31130-C11-00094	Root Protection Matting	2000	SF	\$12.00	\$12.90	\$19,200.00	\$5,160.00	\$12.96	\$13.93	\$20,736.00	\$5,572.80
03800-C11-00070	Brick Pavers, Including Concrete Base (Arlington County Detail R-2.1)	150	SY	\$260.00	\$279.50	\$31,200.00	\$8,385.00	\$280.80	\$301.86	\$33,696.00	\$9,055.80
03800-C11-00011	BID ITEM DELETED	-	-								
03800-C11-00010	Brick Pavers, Remove and Reset (Arlington County Detail R-2.1)	375	SY	\$220.00	\$236.50	\$66,000.00	\$17,737.50	\$237.60	\$255.42	\$71,280.00	\$19,156.50
03800-C11-00010	Flagstone Walkway, Remove & Reset or Replace to Match Existing	75	SY	\$320.00	\$344.00	\$19,200.00	\$5,160.00	\$345.60	\$371.52	\$20,736.00	\$5,572.80
13120-C11-00030	Bollards (Supplemental Spec 13120)	20	EA	\$750.00	\$806.25	\$12,000.00	\$3,225.00	\$810.00	\$870.75	\$12,960.00	\$3,483.00
05000-C11-00040	Handrail (Arlington County Detail R-3.1)	75	LF	\$275.00	\$295.65	\$16,500.00	\$4,434.75	\$297.00	\$319.30	\$17,820.00	\$4,789.53
05000-C11-00050	Handrail - Ornamental (Arlington County Detail R-3.2)	150	LF	\$250.00	\$268.75	\$30,000.00	\$8,062.50	\$270.00	\$290.25	\$32,400.00	\$8,707.50
05000-C11-00060	Handrail - Trail Railing (Arlington County Detail R-3.3)	75	LF	\$315.00	\$338.65	\$18,900.00	\$5,079.75	\$340.20	\$365.74	\$20,412.00	\$5,486.13
05000-C11-00070	Handrail (Any Type or Material), Remove and Dispose	75	LF	\$98.00	\$105.35	\$5,880.00	\$1,580.25	\$105.84	\$113.78	\$6,350.40	\$1,706.67
03800-C11-00080	Wooden or Vinyl Fence (Typical Privacy, Picket, or Similar), Remove & Replace, Height Up to 6'	150	LF	\$68.00	\$73.10	\$8,160.00	\$2,193.00	\$73.44	\$78.95	\$8,812.80	\$2,368.44
03800-C11-00090	Wooden or Vinyl Fence (Typical Privacy, Picket, or Similar), Remove & Replace, Height Greater Than 6' Up to 8'	75	LF	\$78.00	\$83.85	\$4,680.00	\$1,257.75	\$84.24	\$90.56	\$5,054.40	\$1,358.37
03800-C11-00020	Chain Link Fence, Height Less Than or Equal to 6'	225	LF	\$30.00	\$32.25	\$5,400.00	\$1,451.25	\$32.40	\$34.83	\$5,832.00	\$1,567.35
03800-C11-00010	Chain Link Fence, Height Greater Than 6' Up to 8'	150	LF	\$42.00	\$45.15	\$5,040.00	\$1,354.50	\$45.36	\$48.76	\$5,443.20	\$1,462.86
03800-C11-00020	Chain Link Fence - Relocate, Height Less Than or Equal to 6'	225	LF	\$12.00	\$12.90	\$2,160.00	\$580.50	\$12.96	\$13.93	\$2,332.80	\$626.94
03800-C11-00030	Chain Link Fence - Relocate, Height Greater Than 6' Up to 8'	150	LF	\$22.00	\$23.65	\$2,640.00	\$709.50	\$23.76	\$25.54	\$2,851.20	\$766.26
03800-C11-00040	Chain Link Fence - Remove & Dispose, Height Less Than or equal to 6'	225	LF	\$10.00	\$10.75	\$1,800.00	\$483.75	\$10.80	\$11.61	\$1,944.00	\$522.45
03800-C11-00050	Chain Link Fence - Remove & Dispose, Height Greater Than 6' Up to 8'	150	LF	\$14.00	\$15.05	\$1,680.00	\$451.50	\$15.12	\$16.25	\$1,814.40	\$487.62
03800-C11-00060	Fence and Posts (Any Size or Material), Remove & Dispose, only when not included in other pay items	150	LF	\$22.00	\$23.65	\$2,640.00	\$709.50	\$23.76	\$25.54	\$2,851.20	\$766.26
03800-C11-00070	Landscape/Retaining Wall, Excluding Foundation (Segmental Non-Reinforced Interlocking Concrete Wall), Height Less Than 3' Exposed Face (Versa-Lok, or County Approved Alternate System)	450	SF	\$110.00	\$118.25	\$39,600.00	\$10,642.50	\$118.80	\$127.71	\$42,768.00	\$11,493.90
03800-C11-00080	Landscape/Retaining Wall (Block, Brick, Segmental, or Similar), Height Less Than or Equal to 3' Exposed Face, Remove and Dispose (Foundation Removal Paid Separately under Rock Excavation)	150	SF	\$50.00	\$53.75	\$6,000.00	\$1,612.50	\$54.00	\$58.05	\$6,480.00	\$1,741.50
03800-C11-00090	Landscape/Retaining Wall (Block, Brick, Segmental, or Similar), Height Greater Than 3' Exposed Face, Remove and Dispose (Foundation Removal Paid Separately under Rock Excavation)	150	SF	\$50.00	\$53.75	\$6,000.00	\$1,612.50	\$54.00	\$58.05	\$6,480.00	\$1,741.50
03800-C11-00000	Landscape Wall, Repoint and Repair	150	SY	\$100.00	\$107.50	\$12,000.00	\$3,225.00	\$108.00	\$116.10	\$12,960.00	\$3,483.00
03800-C11-00010	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.0, including all materials as shown in drawing)	450	CF	\$45.00	\$48.40	\$16,200.00	\$4,356.00	\$48.60	\$52.27	\$17,496.00	\$4,704.48
03800-C11-00020	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.1, including all materials as shown in drawing except Concrete Base)	450	CF	\$45.00	\$48.40	\$16,200.00	\$4,356.00	\$48.60	\$52.27	\$17,496.00	\$4,704.48
03800-C11-00030	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.2, including all materials as shown in drawing)	450	CF	\$45.00	\$48.40	\$16,200.00	\$4,356.00	\$48.60	\$52.27	\$17,496.00	\$4,704.48
03800-C11-00040	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.3, including all materials as shown in drawing except Concrete Base)	1050	CF	\$45.00	\$48.40	\$37,800.00	\$10,164.00	\$48.60	\$52.27	\$40,824.00	\$10,977.12
03800-C11-00050	Retaining Wall - Concrete Base (Arlington County Detail R-4.1 or R-4.3 Only)	875	CF	\$50.00	\$53.75	\$35,000.00	\$9,406.25	\$54.00	\$58.05	\$37,800.00	\$10,158.75
03800-C11-00060	Retaining Wall - Concrete Gravity (VDOT RW-2)	75	CF	\$75.00	\$80.65	\$4,500.00	\$1,209.75	\$81.00	\$87.10	\$4,860.00	\$1,306.53
03800-C11-00070	Retaining Wall - Concrete Gravity (VDOT RW-3)	75	CF	\$75.00	\$80.65	\$4,500.00	\$1,209.75	\$81.00	\$87.10	\$4,860.00	\$1,306.53
03800-C11-00080	Retaining Wall - Rustication Treatment, Brick or Vertical Groove (VDOT RW-2, or VDOT RW-3)	150	SY	\$395.00	\$424.65	\$47,400.00	\$12,739.50	\$426.60	\$458.62	\$51,192.00	\$13,758.66
03800-C11-00090	Retaining Wall, Repoint and Repair	150	SY	\$120.00	\$129.00	\$14,400.00	\$3,870.00	\$129.60	\$139.32	\$15,552.00	\$4,179.60
	SUBTOTAL					\$882,878.40	\$237,297.60		SUBTOTAL	\$946,156.03	\$254,305.14

C12 BUS STOP SHELTER AND FURNISHINGS

13130-C12-00000	Bus Shelter Pad (Supplemental Spec 13180)	50	SY	\$140.00	\$150.50	\$5,600.00	\$1,505.00	\$151.20	\$162.54	\$6,048.00	\$1,625.40
13130-C12-00000	Install Bus Shelter Unit, 4' x 10' Traditional Cantilever Shelter (Supplemental Spec 13190)	2	EA	\$3,800.00	\$4,085.00	\$6,080.00	\$1,634.00	\$4,104.00	\$4,411.80	\$6,566.40	\$1,764.72
13130-C12-00000	Install Bus Shelter Unit, 5' x 12' Traditional Shelter (Supplemental Spec 13190)	5	EA	\$4,800.00	\$5,160.00	\$19,200.00	\$5,160.00	\$5,184.00	\$5,572.80	\$20,736.00	\$5,572.80
13130-C12-00040	Install Bus Shelter Unit, 6' x 16' Traditional Shelter (Supplemental Spec 13190)	1	EA	\$5,800.00	\$6,235.00	\$4,640.00	\$1,247.00	\$6,264.00	\$6,733.80	\$5,011.20	\$1,346.76
13130-C12-00050	Install Bus Shelter Unit, 4' x 10' Contemporary Cantilever Shelter (Supplemental Spec 13200)	2	EA	\$3,800.00	\$4,085.00	\$6,080.00	\$1,634.00	\$4,104.00	\$4,411.80	\$6,566.40	\$1,764.72
13130-C12-00060	Install Bus Shelter Unit, 5' x 12' Contemporary Shelter (Supplemental Spec 13200)	5	EA	\$4,800.00	\$5,160.00	\$19,200.00	\$5,160.00	\$5,184.00	\$5,572.80	\$20,736.00	\$5,572.80
13130-C12-00070	Install Bus Shelter Unit, 6' x 16' Contemporary Shelter (Supplemental Spec 13200)	1	EA	\$5,800.00	\$6,235.00	\$4,640.00	\$1,247.00	\$6,264.00	\$6,733.80	\$5,011.20	\$1,346.76
13130-C12-00080	Install Traditional 6' Bus Shelter Bench (Supplemental Spec 13210)	8	EA	\$1,200.00	\$1,290.00	\$7,680.00	\$2,064.00	\$1,296.00	\$1,393.20	\$8,294.40	\$2,229.12
13130-C12-00090	Install Contemporary 6' Bus Shelter Bench (Supplemental Spec 13220)	8	EA	\$1,200.00	\$1,290.00	\$7,680.00	\$2,064.00	\$1,296.00	\$1,393.20	\$8,294.40	\$2,229.12
13130-C12-00000	Install 6' Free-standing Bench (Supplemental Spec 13230)	10	EA	\$1,200.00	\$1,290.00	\$9,600.00	\$2,580.00	\$1,296.00	\$1,393.20	\$10,368.00	\$2,786.40

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13130-C12-00110	Install 4' Traditional Bus Shelter Perch Bench (Supplemental Spec 13240)	10	EA	\$1,200.00	\$1,290.00	\$9,600.00	\$2,580.00	\$1,296.00	\$1,393.20	\$10,368.00	\$2,786.40
13130-C12-00120	Install 4' Traditional Bus Shelter Leaning Rail (Supplemental Spec 13250)	10	EA	\$1,200.00	\$1,290.00	\$9,600.00	\$2,580.00	\$1,296.00	\$1,393.20	\$10,368.00	\$2,786.40
13130-C12-00130	Install Bus Shelter Litter Receptacle (Supplemental Spec 13260)	10	EA	\$950.00	\$1,021.25	\$7,600.00	\$2,042.50	\$1,026.00	\$1,102.95	\$8,208.00	\$2,205.90
13130-C12-00140	Install 8' Traditional Newspaper Box Corral (Supplemental Spec 13270)	5	EA	\$1,500.00	\$1,612.50	\$6,000.00	\$1,612.50	\$1,620.00	\$1,741.50	\$6,480.00	\$1,741.50
13130-C12-00150	Install Traditional/Contemporary Bicycle Rack (Supplemental Spec 13280)	5	EA	\$750.00	\$806.25	\$3,000.00	\$806.25	\$810.00	\$870.75	\$3,240.00	\$870.75
13130-C12-00160	Bus Shelter (Any Type), Remove and Dispose, or Remove and Salvage	5	EA	\$2,500.00	\$2,687.50	\$10,000.00	\$2,687.50	\$2,700.00	\$2,902.50	\$10,800.00	\$2,902.50
13130-C12-00170	Bus Shelter Furnishings (Any Type), Remove and Dispose, or Remove and Salvage	10	EA	\$850.00	\$913.75	\$6,800.00	\$1,827.50	\$918.00	\$986.85	\$7,344.00	\$1,973.70
13130-C12-00180	Install Traditional 8' Bus Shelter Bench (Supplemental Spec 13210)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00190	Install Contemporary 8' Bus Shelter Bench (Supplemental Spec 13220)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00200	Install 8' Free-standing Bench (Supplemental Spec 13230)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00210	Install 6' Traditional Bus Shelter Perch Bench (Supplemental Spec 13240)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00220	Install 6' Contemporary Bus Shelter Leaning Rail (Supplemental Spec 13250)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00230	Install 4' Contemporary Bus Shelter Perch Bench (Supplemental Spec 13240)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00240	Install 6' Traditional Bus Shelter Leaning Rail (Supplemental Spec 13250)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00250	Install 6' Contemporary Bus Shelter Perch Bench (Supplemental Spec 13240)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00260	Install 4' Contemporary Bus Shelter Leaning Rail (Supplemental Spec 13250)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00270	Install Bus Shelter Recycling Receptacle (Supplemental Spec 13260)	5	EA	\$950.00	\$1,021.25	\$3,800.00	\$1,021.25	\$1,026.00	\$1,102.95	\$4,104.00	\$1,102.95
13130-C12-00280	Install 10' Traditional Newspaper Box Corral (Supplemental Spec 13270)	5	EA	\$1,800.00	\$1,935.00	\$7,200.00	\$1,935.00	\$1,944.00	\$2,089.80	\$7,776.00	\$2,089.80
13130-C12-00290	Install 8' Contemporary Newspaper Box Corral (Supplemental Spec 13270)	5	EA	\$1,500.00	\$1,612.50	\$6,000.00	\$1,612.50	\$1,620.00	\$1,741.50	\$6,480.00	\$1,741.50
13130-C12-00300	Install 10' Contemporary Newspaper Box Corral (Supplemental Spec 13270)	5	EA	\$1,800.00	\$1,935.00	\$7,200.00	\$1,935.00	\$1,944.00	\$2,089.80	\$7,776.00	\$2,089.80
13130-C12-00310	BID ITEM DELETED	-	-								
13130-C12-00320	BID ITEM DELETED	-	-								
13130-C12-00330	BID ITEM DELETED	-	-								
				SUBTOTAL		\$201,400.00	\$54,126.25	SUBTOTAL		\$217,512.00	\$58,456.35

C13 EROSION AND SEDIMENT CONTROL WORK											
01500-C13-00002	Mulch/Mat Construction Entrance (See ITB Attachment)	10	EA	\$4,800.00	\$5,160.00	\$38,400.00	\$10,320.00	\$5,184.00	\$5,572.80	\$41,472.00	\$11,145.60
01500-C13-00010	Silt Fence, with Wire Support (Virginia Erosion & Sediment Control Handbook Standard & Specification 3.05)	750	LF	\$5.00	\$5.40	\$3,000.00	\$810.00	\$5.40	\$5.83	\$3,240.00	\$874.80
01500-C13-00020	Silt Fence, without Wire Support (Virginia Erosion & Sediment Control Handbook Standard & Specification 3.05)	750	LF	\$5.00	\$5.40	\$3,000.00	\$810.00	\$5.40	\$5.83	\$3,240.00	\$874.80
01500-C13-00030	Storm Drain Inlet Protection, Silt Fence Drop Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	50	EA	\$350.00	\$376.25	\$14,000.00	\$3,762.50	\$378.00	\$406.35	\$15,120.00	\$4,063.50
01500-C13-00040	Storm Drain Inlet Protection, Gravel & Wire Mesh Drop Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	50	EA	\$425.00	\$456.90	\$17,000.00	\$4,569.00	\$459.00	\$493.45	\$18,360.00	\$4,934.52
01500-C13-00050	Storm Drain Inlet Protection, Block & Gravel Drop Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	50	EA	\$525.00	\$564.40	\$21,000.00	\$5,644.00	\$567.00	\$609.55	\$22,680.00	\$6,095.52
01500-C13-00060	Storm Drain Inlet Protection, Gravel Curb Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	50	EA	\$450.00	\$483.75	\$18,000.00	\$4,837.50	\$486.00	\$522.45	\$19,440.00	\$5,224.50
01500-C13-00070	Storm Drain Inlet Protection, Block & Gravel Curb Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	50	EA	\$525.00	\$564.40	\$21,000.00	\$5,644.00	\$567.00	\$609.55	\$22,680.00	\$6,095.52
01500-C13-00080	Culvert Inlet Protection, Silt Fence Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.08)	1	EA	\$525.00	\$564.40	\$420.00	\$112.88	\$567.00	\$609.55	\$453.60	\$121.91
01500-C13-00090	Culvert Inlet Protection, Stone Combination Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.08)	1	EA	\$1,750.00	\$1,881.25	\$1,400.00	\$376.25	\$1,890.00	\$2,031.75	\$1,512.00	\$406.35
01500-C13-00100	Install and Remove Temporary Diversion Dike (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.09)	100	LF	\$12.00	\$12.90	\$960.00	\$258.00	\$12.96	\$13.93	\$1,036.80	\$278.64
01500-C13-00110	Rock Check Dam (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.20)	4	EA	\$485.00	\$521.40	\$1,552.00	\$417.12	\$523.80	\$563.11	\$1,676.16	\$450.49
01500-C13-00120	Install and Remove Temporary Fill Diversion (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.10)	25	LF	\$16.00	\$17.20	\$320.00	\$86.00	\$17.28	\$18.58	\$345.60	\$92.88
01500-C13-00130	Dewatering Structure (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.26)	25	EA	\$1,250.00	\$1,343.75	\$25,000.00	\$6,718.75	\$1,350.00	\$1,451.25	\$27,000.00	\$7,256.25
01500-C13-00130	6' Chain Link Tree Protection Fence (per Arlington County DPR Standard 02231.1)	225	LF	\$16.00	\$17.20	\$2,880.00	\$774.00	\$17.28	\$18.58	\$3,110.40	\$835.92
01500-C13-00140	4' Chain Link Tree Protection Fence (per Arlington County DPR Standard 02231.2)	100	LF	\$16.00	\$17.20	\$1,280.00	\$344.00	\$17.28	\$18.58	\$1,382.40	\$371.52
01500-C13-00150	Root Pruning (per Arlington County DPR Standard 02231.5)	400	LF	\$15.00	\$16.15	\$4,800.00	\$1,292.00	\$16.20	\$17.44	\$5,184.00	\$1,395.36
01500-C13-00160	Tree Protection, Fencing and Amoring Applications (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.38)	750	LF	\$12.00	\$12.90	\$7,200.00	\$1,935.00	\$12.96	\$13.93	\$7,776.00	\$2,089.80
01500-C13-00170	Diversion (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.12)	75	LF	\$12.00	\$12.90	\$720.00	\$193.50	\$12.96	\$13.93	\$777.60	\$208.98
01500-C13-00180	Install and Remove Temporary sediment trap (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.13)	175	CY	\$85.00	\$91.40	\$11,900.00	\$3,199.00	\$91.80	\$98.71	\$12,852.00	\$3,454.92
01500-C13-00190	Temporary sediment basin (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.14) and sediment basin removal and fill upon completion	25	CY	\$85.00	\$91.40	\$1,700.00	\$457.00	\$91.80	\$98.71	\$1,836.00	\$493.56
01500-C13-00200	BID ITEM DELETED	-	-								
01500-C13-00210	BID ITEM DELETED	-	-								
01500-C13-00220	BID ITEM DELETED	-	-								
01500-C13-00230	BID ITEM DELETED	-	-								
01500-C13-00240	BID ITEM DELETED	-	-								

BID TAB

ITB NO. _____

01500-C13-00070	BID ITEM DELETED	-	-								
01500-C13-00080	BID ITEM DELETED	-	-								
01500-C13-00090	BID ITEM DELETED	-	-								
01500-C13-00090	Outlet protection concrete 4"(per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.18)	25	SY	\$95.00	\$102.15	\$1,900.00	\$510.75	\$102.60	\$110.32	\$2,052.00	\$551.61
01500-C13-00100	Outlet protection grouted rip rap, 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.18)	25	SY	\$250.00	\$268.75	\$5,000.00	\$1,343.75	\$270.00	\$290.25	\$5,400.00	\$1,451.25
01500-C13-00090	Outlet protection non-grouted rip rap, 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.18)	25	SY	\$95.00	\$102.15	\$1,900.00	\$510.75	\$102.60	\$110.32	\$2,052.00	\$551.61
01500-C13-00090	BID ITEM DELETED	-	-								
01500-C13-00090	Gabions streambank protection (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.23)	75	CY	\$330.00	\$354.75	\$19,800.00	\$5,321.25	\$356.40	\$383.13	\$21,384.00	\$5,746.95
01500-C13-00090	Streambank protection - Grouted rip rap 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.23)	25	SY	\$295.00	\$317.15	\$5,900.00	\$1,585.75	\$318.60	\$342.52	\$6,372.00	\$1,712.61
01500-C13-00090	Streambank protection - Non-Grouted rip rap 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.23)	25	SY	\$280.00	\$301.00	\$5,600.00	\$1,505.00	\$302.40	\$325.08	\$6,048.00	\$1,625.40
01500-C13-00070	Imbricated Riprap (Per DEQ Virginia Stream restoration and stabilization best management practices guide, Chapter 4, Section 1, Practice 1.3, Detail 1.3)	5	CY	\$650.00	\$698.75	\$2,600.00	\$698.75	\$702.00	\$754.65	\$2,808.00	\$754.65
01500-C13-00090	BID ITEM DELETED	-	-								
01500-C13-00090	Permanent Soil stabilization mat - slope installation, Type C (VDOT standard EC-3)	25	SY	\$10.00	\$10.75	\$200.00	\$53.75	\$10.80	\$11.61	\$216.00	\$58.05
01500-C13-00090	Permanent Soil stabilization mat - culvert outlet protection installation (VDOT standard EC-3)	5	SY	\$10.00	\$10.75	\$40.00	\$10.75	\$10.80	\$11.61	\$43.20	\$11.61
01500-C13-00090	Permanent Soil stabilization mat - ditch installation, Type A and B (VDOT standard EC-3)	5	SY	\$10.00	\$10.75	\$40.00	\$10.75	\$10.80	\$11.61	\$43.20	\$11.61
01500-C13-00090	Temporary Soil stabilization mat - slope/ditch installation (VDOT standard EC-2)	25	SY	\$10.00	\$10.75	\$200.00	\$53.75	\$10.80	\$11.61	\$216.00	\$58.05
01500-C13-00090	BID ITEM DELETED	-	-								
01500-C13-00090	Straw mulch with tack	25	SY	\$10.00	\$10.75	\$200.00	\$53.75	\$10.80	\$11.61	\$216.00	\$58.05
01500-C13-00090	Gravel construction entrance, including wash rack (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.02)	2	EA	\$4,800.00	\$5,160.00	\$7,680.00	\$2,064.00	\$5,184.00	\$5,572.80	\$8,294.40	\$2,229.12
				SUBTOTAL		\$246,592.00	\$66,283.25	SUBTOTAL		\$266,319.36	\$71,585.91

C15 UNLISTED WORK

01500-C15-00010	Foreman With Pick-up Truck	40	Hourly	\$75.00	\$75.00	\$2,400.00	\$600.00	\$81.00	\$81.00	\$2,592.00	\$648.00
01500-C15-00020	Backhoe With Operator	40	Hourly	\$125.00	\$125.00	\$4,000.00	\$1,000.00	\$135.00	\$135.00	\$4,320.00	\$1,080.00
01500-C15-00030	Loader With Operator	40	Hourly	\$195.00	\$195.00	\$6,240.00	\$1,560.00	\$210.60	\$210.60	\$6,739.20	\$1,684.80
01500-C15-00040	Tandem/Tri-Axle Dump Truck With Driver	40	Hourly	\$95.00	\$95.00	\$3,040.00	\$760.00	\$102.60	\$102.60	\$3,283.20	\$820.80
01500-C15-00050	Single Axle Dump Truck With Driver	40	Hourly	\$78.00	\$78.00	\$2,496.00	\$624.00	\$84.24	\$84.24	\$2,695.68	\$673.92
01500-C15-00060	Labor - Pipe Layer	80	Hourly	\$35.00	\$35.00	\$2,240.00	\$560.00	\$37.80	\$37.80	\$2,419.20	\$604.80
01500-C15-00070	Labor - Concrete Finisher	80	Hourly	\$38.00	\$38.00	\$2,432.00	\$608.00	\$41.04	\$41.04	\$2,626.56	\$656.64
01500-C15-00080	Labor - Manhole Builder	80	Hourly	\$38.00	\$38.00	\$2,432.00	\$608.00	\$41.04	\$41.04	\$2,626.56	\$656.64
01500-C15-00090	Labor - Skilled	80	Hourly	\$35.00	\$35.00	\$2,240.00	\$560.00	\$37.80	\$37.80	\$2,419.20	\$604.80
01500-C15-00100	Labor - Unskilled	120	Hourly	\$28.00	\$28.00	\$2,688.00	\$672.00	\$30.24	\$30.24	\$2,903.04	\$725.76
01500-C15-00110	Flagman	120	Hourly	\$35.00	\$35.00	\$3,360.00	\$840.00	\$37.80	\$37.80	\$3,628.80	\$907.20
01500-C15-00120	Misc. Equipment Operator	40	Hourly	\$65.00	\$65.00	\$2,080.00	\$520.00	\$70.20	\$70.20	\$2,246.40	\$561.60
01500-C15-00130	Rubber Tire Loader	40	Hourly	\$125.00	\$125.00	\$4,000.00	\$1,000.00	\$135.00	\$135.00	\$4,320.00	\$1,080.00
01500-C15-00140	Skid Steer Loader	40	Hourly	\$65.00	\$65.00	\$2,080.00	\$520.00	\$70.20	\$70.20	\$2,246.40	\$561.60
01500-C15-00150	Track Excavator With Operator	40	Hourly	\$165.00	\$165.00	\$5,280.00	\$1,320.00	\$178.20	\$178.20	\$5,702.40	\$1,425.60
01500-C15-00160	Air Compressor With Tools	80	Hourly	\$18.00	\$18.00	\$1,152.00	\$288.00	\$19.44	\$19.44	\$1,244.16	\$311.04
01500-C15-00170	Tool Truck or Trailer with Tools Incidental to work	80	Hourly	\$24.00	\$24.00	\$1,536.00	\$384.00	\$25.92	\$25.92	\$1,658.88	\$414.72
01500-C15-00180	Trench Compactor	80	Hourly	\$12.00	\$12.00	\$768.00	\$192.00	\$12.96	\$12.96	\$829.44	\$207.36
01500-C15-00190	Pavement Breaker	80	Hourly	\$25.00	\$25.00	\$1,600.00	\$400.00	\$27.00	\$27.00	\$1,728.00	\$432.00
01500-C15-00200	Welding (Includes All Labor And Equipment)	40	Hourly	\$125.00	\$125.00	\$4,000.00	\$1,000.00	\$135.00	\$135.00	\$4,320.00	\$1,080.00
01500-C15-00210	Lighting With Generator	40	Hourly	\$9.00	\$9.00	\$288.00	\$72.00	\$9.72	\$9.72	\$311.04	\$77.76
01500-C15-00220	Roadway Steel Plates - EA	50	DAY	\$50.00	\$50.00	\$2,000.00	\$500.00	\$54.00	\$54.00	\$2,160.00	\$540.00
01500-C15-00230	Excavation Trench Box - EA	30	DAY	\$350.00	\$350.00	\$8,400.00	\$2,100.00	\$378.00	\$378.00	\$9,072.00	\$2,268.00
01500-C15-00240	Electronic Arrow Board	1200	Hourly	\$4.00	\$4.00	\$3,840.00	\$960.00	\$4.32	\$4.32	\$4,147.20	\$1,036.80
01500-C15-00250	Work Zone Set-Up - Includes Signs, Channelizers And Cones	180	DAY	\$950.00	\$950.00	\$136,800.00	\$34,200.00	\$1,026.00	\$1,026.00	\$147,744.00	\$36,936.00
01500-C15-00260	Boom Truck with Driver/Operator	40	Hourly	\$180.00	\$180.00	\$5,760.00	\$1,440.00	\$194.40	\$194.40	\$6,228.80	\$1,555.20
01500-C15-00270	Tractor Trailer with Driver	40	Hourly	\$120.00	\$120.00	\$3,840.00	\$960.00	\$129.60	\$129.60	\$4,147.20	\$1,036.80
01500-C15-00280	4" or Greater Dewatering Pump	30	DAY	\$750.00	\$750.00	\$18,000.00	\$4,500.00	\$810.00	\$810.00	\$19,440.00	\$4,860.00
01500-C15-00290	Tapping Machine	40	Hourly	\$35.00	\$35.00	\$1,120.00	\$280.00	\$37.80	\$37.80	\$1,209.60	\$302.40
01500-C15-00300	Jack Hammer	80	Hourly	\$5.00	\$5.00	\$320.00	\$80.00	\$5.40	\$5.40	\$345.60	\$86.40
01500-C15-00310	BID ITEM DELETED	120	Hourly					\$0.00		\$0.00	
01500-C15-00320	Pipe Layer Helper	120	Hourly	\$35.00	\$35.00	\$3,360.00	\$840.00	\$37.80	\$37.80	\$3,628.80	\$907.20
01500-C15-00330	1st Class Lineman	40	Hourly	\$55.00	\$55.00	\$1,760.00	\$440.00	\$59.40	\$59.40	\$1,900.80	\$475.20
01500-C15-00340	3rd Class Lineman	40	Hourly	\$55.00	\$55.00	\$1,760.00	\$440.00	\$59.40	\$59.40	\$1,900.80	\$475.20
01500-C15-00350	Utility Truck w/ Tools	40	Hourly	\$145.00	\$145.00	\$4,640.00	\$1,160.00	\$156.60	\$156.60	\$5,011.20	\$1,252.80
01500-C15-00360	Pole Truck w/ Operator	40	Hourly	\$320.00	\$320.00	\$10,240.00	\$2,560.00	\$345.60	\$345.60	\$11,059.20	\$2,764.80
01500-C15-00370	Aerial Lift Truck w/ Operator	40	Hourly	\$235.00	\$235.00	\$7,520.00	\$1,880.00	\$253.80	\$253.80	\$8,121.60	\$2,030.40
01500-C15-00380	BID ITEM DELETED	-	-								
01500-C15-00390	Pole Trailer	40	Hourly	\$55.00	\$55.00	\$1,760.00	\$440.00	\$59.40	\$59.40	\$1,900.80	\$475.20
01500-C15-00400	Cable Trailer	40	Hourly	\$45.00	\$45.00	\$1,440.00	\$360.00	\$48.60	\$48.60	\$1,555.20	\$388.80
				SUBTOTAL		\$268,912.00	\$67,228.00	SUBTOTAL		\$290,424.96	\$72,606.24

C16 MOT AND RE-MOBILIZATION WORK

01500-C16-00010	BID ITEM DELETED	-	-								
				SUBTOTAL				SUBTOTAL			

C17 STORMWATER WORK

ACSWM-C17-00010	Aggregate, Double Washed VDOT #8 (Uncompacted in Place, Choking Layer)	600	CY	\$65.00	\$69.90	\$31,200.00	\$8,388.00	\$70.20	\$75.49	\$33,696.00	\$9,059.04
ACSWM-C17-00010	Aggregate, VDOT #21-A (Uncompacted in Place)	1200	CY	\$65.00	\$69.90	\$62,400.00	\$16,776.00	\$70.20	\$75.49	\$67,392.00	\$18,118.08
ACSWM-C17-00020	Aggregate, Double Washed VDOT #57-A (Uncompacted in Place)	850	CY	\$65.00	\$69.90	\$44,200.00	\$11,883.00	\$70.20	\$75.49	\$47,736.00	\$12,833.64
ACSWM-C17-00030	Inlet Protection/ Energy Dissipator (3"-6" Rounded River Rock)	125	CY	\$250.00	\$268.75	\$25,000.00	\$6,718.75	\$270.00	\$290.25	\$27,000.00	\$7,256.25
ACSWM-C17-00050	6" Perforated Pipe, PVC (Schedule 40 or SDR 35, perforated 3/8" holes at 6" on center, Maximum of 3 rows of perforations) in Place up to 6' Deep)	600	LF	\$50.00	\$53.75	\$24,000.00	\$6,450.00	\$54.00	\$58.05	\$25,920.00	\$6,966.00

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ACSWM-C17-00110	Bioretention Filter Media	7500	CY	\$85.00	\$91.40	\$510,000.00	\$137,100.00	\$91.80	\$98.71	\$550,800.00	\$148,068.00
ACSWM-C17-00200	15" Dia. Overflow Riser/ Inlet Drain	15	EA	\$6,200.00	\$6,665.00	\$74,400.00	\$19,995.00	\$6,696.00	\$7,198.20	\$80,352.00	\$21,594.60
ACSWM-C17-00200	18" Dia. Overflow Riser/ Inlet Drain	4	EA	\$6,500.00	\$6,987.50	\$20,800.00	\$5,590.00	\$7,020.00	\$7,546.50	\$22,464.00	\$6,037.20
ACSWM-C17-00200	24" Dia. Overflow Riser/ Inlet Drain	2	EA	\$7,200.00	\$7,740.00	\$11,520.00	\$3,096.00	\$7,776.00	\$8,359.20	\$12,441.60	\$3,343.68
ACSWM-C17-00200	30" Dia. Overflow Riser/ Inlet Drain	1	EA	\$8,900.00	\$9,567.50	\$7,120.00	\$1,913.50	\$9,612.00	\$10,332.90	\$7,689.60	\$2,066.58
ACSWM-C17-00300	PVC Cleanout with Cap	30	EA	\$650.00	\$698.75	\$15,600.00	\$4,192.50	\$702.00	\$754.65	\$16,848.00	\$4,527.90
ACSWM-C17-00300	30mil HDPE or PVC Impermeable liner installed in place	3000	SY	\$7.95	\$8.55	\$19,080.00	\$5,130.00	\$8.59	\$9.23	\$20,606.40	\$5,540.40
03000-C11-00001	Permeable Unit Pavers installed (Supplemental Spec 02780)	46	SY	\$185.00	\$198.90	\$6,808.00	\$1,829.88	\$199.80	\$214.81	\$7,352.64	\$1,976.27
ACSWM-C17-00410	4" Permeable Concrete in place	6	CY	\$635.00	\$682.65	\$3,048.00	\$819.18	\$685.80	\$737.26	\$3,291.84	\$884.71
ACSWM-C17-00420	6" Permeable Concrete in place	8	CY	\$635.00	\$682.65	\$4,064.00	\$1,092.24	\$685.80	\$737.26	\$4,389.12	\$1,179.62
ACSWM-C17-00430	8" Permeable Concrete in place	25	CY	\$595.00	\$640.00	\$11,900.00	\$3,200.00	\$642.60	\$691.20	\$12,852.00	\$3,456.00
ACSWM-C17-00500	Thickened Concrete Curb & Gutter - Detail in special conditions - See ITB Attachment	50	CY	\$650.00	\$700.00	\$26,000.00	\$7,000.00	\$702.00	\$756.00	\$28,080.00	\$7,560.00
ACSWM-C17-00600	Shrub 12"-18" Tall - Container or B&B	150	EA	\$30.00	\$32.25	\$3,600.00	\$967.50	\$32.40	\$34.83	\$3,888.00	\$1,044.90
ACSWM-C17-00510	Edge Wall - Detail in special conditions- See ITB Attachment	225	CY	\$795.00	\$855.00	\$143,100.00	\$38,475.00	\$858.60	\$923.40	\$154,548.00	\$41,553.00
ACSWM-C17-00520	Trench Drain - See ITB Attachment	300	CY	\$1,195.00	\$1,285.00	\$286,800.00	\$77,100.00	\$1,290.60	\$1,387.80	\$309,744.00	\$83,268.00
ACSWM-C17-00530	Shallow Inlet Frame, Grate, 6" curb box- Neenah Foundary R-3165 or approved equal	20	EA	\$3,400.00	\$3,655.00	\$54,400.00	\$14,620.00	\$3,672.00	\$3,947.40	\$58,752.00	\$15,789.60
ACSWM-C17-00610	Shrub 18"-24" Tall - Container or B&B	150	EA	\$45.00	\$48.40	\$5,400.00	\$1,452.00	\$48.60	\$52.27	\$5,832.00	\$1,568.16
ACSWM-C17-00620	Shrub 24"-36" Tall - Container or B&B	150	EA	\$45.00	\$48.40	\$5,400.00	\$1,452.00	\$48.60	\$52.27	\$5,832.00	\$1,568.16
SUBTOTAL						\$1,389,032.00	\$373,410.67		SUBTOTAL	\$1,507,507.20	\$405,259.79

CONTRACT TOTAL (EXCLUDING PERCENTAGE ITEMS)		\$21,791,229.60	\$5,860,715.85	New Totals	\$23,614,599.97	\$6,350,619.12
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PERCENTAGE LINE ITEMS				
	Bid Percentage	Unit	Total Price	
01500-SA-00000	SWPPP Administration	1	%	\$276,519.45
01000-MOT-00010	Maintenance of Traffic (MOT)	5	%	\$1,382,597.27
01000-MOB-00030	Mobilization and De-Mobilization (5% Max)	5	%	\$1,382,597.27
01000-C16-00030	Re-Mobilization (5% Max)	5	%	\$1,382,597.27
PERCENTAGE LINE ITEMS SUBTOTAL:			\$4,424,311.27	
GRAND TOTAL BID PRICE :			\$26,215,540.87	

01500-SA-00000	SWPPP Administration	1	%	\$299,652.19
01000-MOT-00010	Maintenance of Traffic (MOT)	5	%	\$1,498,260.95
01000-MOB-00030	Mobilization and De-Mobilization (5% Max)	5	%	\$1,498,260.95
01000-C16-00030	Re-Mobilization (5% Max)	5	%	\$1,498,260.95
PERCENTAGE LINE ITEMS SUBTOTAL:			\$4,794,435.05	
GRAND TOTAL BID PRICE :			\$28,409,035.02	


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February 21, 2022

Arlington County, Virginia
2100 Clarendon Blvd, Suite 813
Arlington, VA 22201

Attention: Mr. Juan Javier
Engineer III

Reference: Arlington County, VA
On-Call Capital Improvement Projects
Contract No.: 19-112-ITB
A&M Job No.: 19-473
**19-112-ITB Request for Ammended
Contract Line Items - Revision 1**
Letter No. 006

Dear Mr. Javier,

In Accordance with your written request for A&M Concrete to provide additional line item pricing for new line items established by Arlington County to be included in the Master List of Line Items as follows:

New or Amended Line Items

Master ID#	Description	Qty	Unit	U. Price	Unit Price Restricted Hours
14050-C9-00260	Furnish & Install # 6" Copper Stranded XHHW-2 including grounding conductor per AC 2020 Lighting Specifications, Section 14050: Lighting Conductors	20.00	LF	\$ 13.25	\$ 14.00
14065-C9-00930	Decorative Post-Top Aluminum Streetlight Pole with Double Post-Top Luminaires. As per AC 2020 Lighting Specifications, Section 14112: Typical Light Pole/Luminaire Combinations and Standards DWG no. 14112-02	5.00	EA	\$16,225.00	\$ 17,050.00
14100-C9-00630	Furnish and Install Meter Pan, Pedestal, Control Box and Components. As per AC 2020 Lighting Specifications, Section 14100: Electrical Services and Standard DWG no. 14100-01	2.00	EA	\$ 9,350.00	\$ 9,850.00



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Specifications below for amended scope on line item 14050-C9-00260:

SECTION 14050

LIGHTING CONDUCTORS

The remainder of the Section shall remain the same except as deleted or modified herein.

PART 4 MEASUREMENT AND PAYMENT

Delete

- (a) Furnish Conductor shall be measured and paid for on a linear foot basis.
- (b) Install Conductor will be measured and paid for on a linear foot basis. Several conductors pulled into a single conduit at the shall be measured by the length of the pull rather than the total length of the conductors installed. Cost for pulling conductors shall include all connectors, splice enclosures, or other appurtenances required for making the electrical connections.
 - 1. The cost of installing or replacing pull rope shall be incidental to the cost of pulling conductor.

Add

- (a) Furnishing and installing all conductor(s) and/or cable(s) for streetlights is included in a single price paid per linear foot measured by the length of conduit installed. The Unit Price shall include the cost of all conductors, fittings, connections, slack, securing terminals and other incidentals necessary for the Work as detailed in the County Lighting Specifications.
 - 1. The size, number and/or required slack length of the conductor(s) and/or cable(s) will not be assessed independently for payment.
 - 2. The cost of installing or replacing pull rope shall be incidental to the cost of the conductor(s).
- (b) THIS LINE INTENTIONALLY LEFT BLANK

A&M is seeking approval for the additional work requested and execution of the Extension for the Master contract as previously discussed

Should you have any questions or concerns, please let us know.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian Grover', is written over a faint circular stamp.

Brian Grover
Vice President

Cc: 19-473 Project File