

ARLINGTON COUNTY, VIRGINIA

**AGREEMENT NO. 19-037-ITB
AMENDMENT NUMBER 2**

This Amendment Number **2** is made on 12/13/2022 by the County and amends Agreement Number **19-037-ITB** ("Main Agreement") dated January 11, 2019, between Sagres Construction Corporation ("Contractor") and the County Board of Arlington County, Virginia ("County").

The County and the Contractor agree to amend the main contract called for under the Main Agreement as follows:

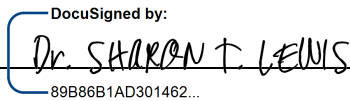
- PURSUANT TO PROVISION 4: CONTRACT TERM, THIS AGREEMENT IS HEREBY RENEWED FROM JANUARY 11, 2023, TO JANUARY 9, 2024. NO RENEWALS REMAIN.**
- PURSUANT TO SECTION 7: REPLACE ATTACHMENT G: PRICE BID OF CONTRACTOR IN ITS ENTIRETY WITH THE ATTACHED ATTACHMENT A: PRICING SHEET, which is incorporated into and made a part of this Amendment.**

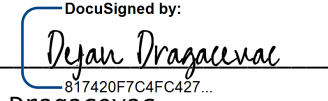
All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON
COUNTY, VIRGINIA

SAGRES CONSTRUCTION CORPORATION

AUTHORIZED SIGNATURE:  89B86B1AD301462...

AUTHORIZED SIGNATURE:  817420F7C4FC427...

NAME: DR. SHARON T. LEWIS

NAME: Dejan Dragacevac

TITLE: PURCHASING AGENT

TITLE: Vice President

DATE: 12/13/2022

DATE: 12/12/2022

19-037-ITB - ATTACHMENT A - PRICING SHEET

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.

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)

C1. GENERAL EARTH WORK

C1-1	General Excavation, only when not included in other pay items	800	CY	\$57.08	\$62.79	\$ 41,096.16	\$ 5,022.86
C1-2	Rock Excavation, only when not included in other pay items	10	CY	\$114.16	\$125.57	\$ 1,027.40	\$ 125.57
C1-3	Grading	5	SY	\$5.71	\$6.28	\$ 25.69	\$ 3.14
C1-4	Test Pits (or Test Bores), Up to 6' Deep (with restoration)	20	EA	\$1,084.48	\$1,141.56	\$ 19,520.68	\$ 2,283.12
C1-5	Test Pits (or Test Bores), Each VF Over 6' Deep (with restoration)	10	VF	\$228.31	\$256.85	\$ 2,054.81	\$ 256.85
C1-6	Select Borrow (VDOT Section 207 - Select Material, Type I)	5	CY	\$51.37	\$57.08	\$ 231.17	\$ 28.54
C1-7	Flowable Backfill (VDOT Special Provision S302G02-0610)	5	CY	\$513.70	\$570.78	\$ 2,311.66	\$ 285.39
C1-8	Geotextile Drainage Fabric In Place (VDOT Section 245.03.c)	250	SY	\$5.14	\$5.71	\$ 1,155.83	\$ 142.70
C1-9	Geotextile Stabilization Fabric In Place (VDOT Section 245.03.d.2)	100	SY	\$5.14	\$5.71	\$ 462.33	\$ 57.08
C1-10	Aggregate, Cement Treated (CTA), also known as "Hydraulic Cement Stabilization" (VDOT Section 307)	5	CY	\$216.90	\$216.90	\$ 976.03	\$ 108.45
C1-11	Aggregate, VDOT #1 (Compacted in Place per VDOT standards & Specs)	5	CY	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C1-12	Aggregate, VDOT #2 (Compacted in Place per VDOT standards & Specs)	5	CY	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C1-13	Aggregate, VDOT #8 (Compacted in Place per VDOT standards & Specs)	20	CY	\$114.16	\$114.16	\$ 2,054.81	\$ 228.31
C1-14	Aggregate, VDOT #21-A (Compacted in Place per VDOT standards & Specs)	80	CY	\$136.99	\$136.99	\$ 9,863.08	\$ 1,095.90
C1-15	Aggregate, Crusher Run VDOT #25 or approved equal (Compacted in Place per VDOT standards & Specs)	5	CY	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C1-16	Aggregate, VDOT #57 (Compacted in Place per VDOT standards & Specs)	50	CY	\$114.16	\$114.16	\$ 5,137.02	\$ 570.78
C1-17	Riprap, Dry Class I	5	SY	\$142.70	\$148.40	\$ 642.13	\$ 74.20
C1-18	Riprap, Dry Class II	5	SY	\$171.23	\$182.65	\$ 770.55	\$ 91.32
C1-19	Riprap, Mortared	5	SY	\$216.90	\$222.60	\$ 976.03	\$ 111.30
C1-20	Riprap, Grouted	5	SY	\$216.90	\$222.60	\$ 976.03	\$ 111.30
C1 SUBTOTAL						\$ 90,822.51	\$ 10,768.05

C2. CONCRETE WORK

C2-1	Rigid Concrete, Planing or Milling	5	SY/IN	\$136.99	\$136.99	\$ 616.44	\$ 68.49
C2-2	Concrete Curb, Standard Header Curb C-3 (Arlington County Detail R-2.0), includes curb for aprons, ramps, etc.	5	LF	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C2-3	Concrete Curb, Mountable Curb at Traffic Circle (Arlington County Detail R-2.7)	5	LF	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C2-4	Concrete Curb & Gutter, Standard C-2 and C-2R (Arlington County Detail R-2.0), includes curb & gutter for aprons, ramps, etc.	400	LF	\$108.45	\$114.16	\$ 39,041.35	\$ 4,566.24
C2-5	Valley Gutter (Arlington County Detail R-2.9, including all materials as shown in detail)	100	SY	\$142.70	\$148.40	\$ 12,842.55	\$ 1,484.03
C2-6	Concrete Sidewalk, 4" Thickness (Arlington County Detail R-2.0)	500	SY	\$102.74	\$108.45	\$ 46,233.18	\$ 5,422.41
C2-7	Concrete Sidewalk, 4" Thickness with WWF (VDOT Section 223.02.a.3)-Detail in Special Conditions-attachment B	50	SY	\$108.45	\$114.16	\$ 4,880.17	\$ 570.78

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C2-8	CG-12 Detectable Warning Surface - Truncated Domes	5	SY	\$285.39	\$313.93	\$ 1,284.26	\$ 156.96
C2-9	Concrete Pavers (Arlington County Detail R-2.1)	100	SY	\$251.14	\$256.85	\$ 22,602.89	\$ 2,568.51
C2-10	Concrete Pavers, Remove and Reset (Arlington County Detail R-2.1)	5	SY	\$285.39	\$296.81	\$ 1,284.26	\$ 148.40
C2-11	Concrete Paver Crosswalk (Arlington County Detail R-2.6, including all materials as shown in detail)	5	SY	\$450.92	\$513.70	\$ 2,029.12	\$ 256.85
C2-12	Concrete Paver Crosswalk, Remove and Reset (Arlington County Detail R-2.6, including all materials as shown in detail)	5	SY	\$507.99	\$565.07	\$ 2,285.97	\$ 282.54
C2-13	Concrete Driveway Entrance, 6" Thick Residential (Arlington County Details R-2.4A, R-2.4B, R-2.4C, R-2.4D)	150	SY	\$114.16	\$125.57	\$ 15,411.06	\$ 1,883.57
C2-14	Concrete Driveway Entrance, 9" Thick Commercial (Arlington County Details R-2.4A, R-2.4B, R-2.4C, R-2.4D)	5	SY	\$142.70	\$154.11	\$ 642.13	\$ 77.06
C2-15	Concrete Pier, Cradle, or Encasement (Arlington County Detail M-3.0)	5	CY	\$684.94	\$713.48	\$ 3,082.21	\$ 356.74
C2-16	Concrete Pier, Cradle, or Encasement (Arlington County Detail M-7.0)	5	CY	\$684.94	\$713.48	\$ 3,082.21	\$ 356.74
C2-17	Concrete and Formwork (VDOT Class A3), only when not included in other pay items	100	CY	\$1,141.56	\$1,255.72	\$ 102,740.40	\$ 12,557.16
C2-18	Concrete and Formwork (VDOT Class A4), only when not included in other pay items	5	CY	\$1,141.56	\$1,255.72	\$ 5,137.02	\$ 627.86
C2-19	Steel Reinforcement, Welded Wire Fabric (VDOT Section 406), only when not included in other pay items	5	LB	\$5.71	\$6.28	\$ 25.69	\$ 3.14
C2-20	Steel Reinforcement, Reinforcing Steel Bars #6 and smaller (VDOT Section 406), only when not included in other pay items	50	LB	\$5.71	\$6.28	\$ 256.85	\$ 31.39
C2-21	Steel Reinforcement, Reinforcing Steel Bars #7 up to #10 (VDOT Section 406), only when not included in other pay items	5	LB	\$5.71	\$6.28	\$ 25.69	\$ 3.14
C2-22	Saw Cutting (Asphalt or Concrete)	150	LF	\$11.42	\$11.42	\$ 1,541.11	\$ 171.23
				C2 SUBTOTAL		\$ 266,071.95	\$ 31,707.40
C3. ASPHALT WORK							
C3-1	Asphalt Concrete, Planing or Milling (1/2" to 3" Depth)	80	SY	\$17.12	\$17.12	\$ 1,232.88	\$ 136.99
C3-2	Asphalt Concrete, Base Course (VDOT BM-25.0A)	40	TON	\$285.39	\$285.39	\$ 10,274.04	\$ 1,141.56
C3-3	Asphalt Concrete, Intermediate Course (VDOT IM-19.0A)	5	TON	\$228.31	\$228.31	\$ 1,027.40	\$ 114.16
C3-4	Asphalt Concrete, Intermediate Course (VDOT IM-19.0D)	5	TON	\$228.31	\$228.31	\$ 1,027.40	\$ 114.16
C3-5	Asphalt Concrete, Surface Course (VDOT SM-9.5A)	40	TON	\$285.39	\$285.39	\$ 10,274.04	\$ 1,141.56
C3-6	Asphalt Concrete, Surface Course (VDOT SM-9.5D)	5	TON	\$285.39	\$285.39	\$ 1,284.26	\$ 142.70
C3-7	Asphalt Header Curb, 6"-8" (VDOT SM-9.5A)	50	LF	\$114.16	\$114.16	\$ 5,137.02	\$ 570.78
C3-8	Cold-Mix Asphalt (latest VDOT Standards for Cold Mix Asphalt Type P-1, P-2, and P-3).	5	TON	\$285.39	\$285.39	\$ 1,284.26	\$ 142.70
C3-9	Remove 8" to 10" Reinforced Concrete Paving	5	SY	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C3-10	Remove and Replace 8" to 10" Reinforced Concrete Paving VDOT Standards PR-3, PR-4, PR-5 and PR-6)	5	SY	\$285.39	\$285.39	\$ 1,284.26	\$ 142.70
				C3 SUBTOTAL		\$ 33,056.72	\$ 3,672.97
C4. STORM SEWER UTILITY WORK							
C4-1	Storm Manhole MH-1 (Arlington County Detail D-3.0), In Place (CAST-IN-PLACE)	15	VF	\$1,426.95	\$1,541.11	\$ 19,263.83	\$ 2,311.66
C4-2	Storm Manhole PH-1 (Arlington County Detail D-3.1), In Place (Pre-Cast)	15	VF	\$1,084.48	\$1,141.56	\$ 14,640.51	\$ 1,712.34

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C4-3	Storm Manhole MH-2 (Arlington County Detail D-3.3), In Place (CAST-IN-PLACE)	10	VF	\$1,426.95	\$1,541.11	\$ 12,842.55	\$ 1,541.11
C4-4	Storm Manhole MH-3 (Arlington County Detail D-3.4), In Place (CAST-IN-PLACE)	10	VF	\$1,426.95	\$1,541.11	\$ 12,842.55	\$ 1,541.11
C4-5	Storm Manhole PH-1 (Arlington County Detail D-3.1), In Place (PRECAST)	15	VF	\$1,084.48	\$1,141.56	\$ 14,640.51	\$ 1,712.34
C4-6	Storm Manhole MH-2 (Arlington County Detail D-3.3), In Place (PRECAST)	1	VF	\$1,426.95	\$1,541.11	\$ 1,284.26	\$ 154.11
C4-7	Storm Manhole MH-3 (Arlington County Detail D-3.4), In Place (PRECAST)	1	VF	\$1,426.95	\$1,541.11	\$ 1,284.26	\$ 154.11
C4-8	CB-2 (Arlington County Standards), In Place Up to 6' Deep (CAST-IN-PLACE)	2	EA	\$8,561.70	\$8,847.09	\$ 15,411.06	\$ 1,769.42
C4-9	CB-2 (Arlington County Standards), Each VF Over 6' Deep (CAST-IN-PLACE)	4	VF	\$1,426.95	\$1,541.11	\$ 5,137.02	\$ 616.44
C4-10	CB-2A or CB-2B (throat lengths from 8'-6" up to 16'-0"), In Place Up to 6' Deep, Arlington County Standards. (CAST-IN-PLACE)	1	EA	\$10,274.04	\$10,844.82	\$ 9,246.64	\$ 1,084.48
C4-11	CB-2A or CB-2B (throat lengths from 8'-6" up to 16'-0"), Each VF Over 6' Deep, Arlington County Standards. (CAST-IN-PLACE)	4	VF	\$1,712.34	\$1,826.50	\$ 6,164.42	\$ 730.60
C4-12	CB-4, In Place Up to 6' Deep, Arlington County Standards (CAST-IN-PLACE)	1	EA	\$10,274.04	\$10,844.82	\$ 9,246.64	\$ 1,084.48
C4-13	CB-4, Each VF Over 6' Deep, Arlington County Standards (CAST-IN-PLACE)	4	VF	\$1,712.34	\$1,826.50	\$ 6,164.42	\$ 730.60
C4-14	CB-2 (Arlington County Standards), In Place Up to 6' Deep (PRECAST)	1	EA	\$9,075.40	\$9,417.87	\$ 8,167.86	\$ 941.79
C4-15	CB-2 (Arlington County Standards), Each VF Over 6' Deep (PRECAST)	1	VF	\$1,426.95	\$1,541.11	\$ 1,284.26	\$ 154.11
C4-16	CB-2A or CB-2B (throat lengths from 8'-6" up to 16'-0"), In Place Up to 6' Deep, Arlington County Standards (PRECAST)	1	EA	\$9,417.87	\$9,703.26	\$ 8,476.08	\$ 970.33
C4-17	CB-2A or CB-2B (throat lengths from 8'-6" up to 16'-0"), Each VF Over 6' Deep, Arlington County Standards (PRECAST)	1	VF	\$1,426.95	\$1,541.11	\$ 1,284.26	\$ 154.11
C4-18	PCB-2, In Place Up to 6' Deep, Arlington County Standards (PRECAST)	1	EA	\$9,075.40	\$9,417.87	\$ 8,167.86	\$ 941.79
C4-19	PCB-2, Each VF Over 6' Deep, Arlington County Standards (PRECAST)	4	VF	\$1,426.95	\$1,541.11	\$ 5,137.02	\$ 616.44
C4-20	CB-4, In Place Up to 6' Deep, Arlington County Standards (PRECAST)	1	EA	\$9,703.26	\$9,988.65	\$ 8,732.93	\$ 998.87
C4-21	CB-4, Each VF Over 6' Deep, Arlington County Standards (PRECAST)	1	VF	\$1,426.95	\$1,541.11	\$ 1,284.26	\$ 154.11
C4-22	Yard Inlet (Arlington County Detail D-1.10), In Place Up to 6' Deep	2	EA	\$8,561.70	\$8,847.09	\$ 15,411.06	\$ 1,769.42
C4-23	Yard Inlet (Arlington County Detail D-1.10), Each VF Over 6' Deep	4	VF	\$1,426.95	\$1,541.11	\$ 5,137.02	\$ 616.44
C4-24	Yard Inlet Pre-Cast (Arlington County Detail D-1.11), In Place Up to 6' Deep	1	EA	\$8,561.70	\$8,847.09	\$ 7,705.53	\$ 884.71
C4-25	Yard Inlet Pre-Cast (Arlington County Detail D-1.11), Each VF Over 6' Deep	4	VF	\$1,426.95	\$1,541.11	\$ 5,137.02	\$ 616.44
C4-26	Grate Inlet Non-roadway Shallow (Arlington County Detail D-1.9), In Place Up to 6' Deep	5	EA	\$7,990.92	\$8,276.31	\$ 35,959.14	\$ 4,138.16
C4-27	Grate Inlet Non-roadway Shallow (Arlington County Detail D-1.9), Each VF Over 6' Deep	1	VF	\$1,369.87	\$1,484.03	\$ 1,232.88	\$ 148.40
C4-28	Grate Inlet Driveway (Arlington County Detail D-1.12)	1	LF	\$331.05	\$331.05	\$ 297.95	\$ 33.11
C4-29	Storm Manhole Frame and Cover, Remove & Replace	2	EA	\$570.78	\$570.78	\$ 1,027.40	\$ 114.16
C4-30	Catch Basin Structure Top, Remove & Replace	2	EA	\$5,707.80	\$5,707.80	\$ 10,274.04	\$ 1,141.56
C4-31	Drop Inlet Structure Top, Remove & Replace	2	EA	\$6,278.58	\$6,278.58	\$ 11,301.44	\$ 1,255.72
C4-32	Adjust Storm Manhole to New Grade (Arlington County Detail S-2.5), Type A	5	EA	\$1,426.95	\$1,426.95	\$ 6,421.28	\$ 713.48
C4-33	Adjust Storm Manhole to New Grade (Arlington County Detail S-2.5), Type B	5	EA	\$3,367.60	\$3,367.60	\$ 15,154.21	\$ 1,683.80
C4-34	Adjust Storm Manhole to New Grade (Arlington County Detail S-2.5), Type C	5	EA	\$2,568.51	\$2,568.51	\$ 11,558.30	\$ 1,284.26
C4-35	Convert Catch Basin to Manhole (CAST-IN-PLACE)	3	EA	\$2,853.90	\$2,853.90	\$ 7,705.53	\$ 856.17
C4-36	Convert Grate Inlet to Catch Basin (CAST-IN-PLACE)	3	EA	\$3,367.60	\$3,367.60	\$ 9,092.53	\$ 1,010.28

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C4-37	Partial Wall Repair of Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	5	SF	\$228.31	\$228.31	\$ 1,027.40	\$ 114.16
C4-38	Core Drill and Connect 15" to 24" Dia Concrete Pipe to Existing Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet	2	EA	\$2,853.90	\$2,853.90	\$ 5,137.02	\$ 570.78
C4-39	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	5	EA	\$1,712.34	\$1,712.34	\$ 7,705.53	\$ 856.17
C4-40	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	5	EA	\$2,283.12	\$2,283.12	\$ 10,274.04	\$ 1,141.56
C4-41	Core Drill and Connect PVC or HDPE Pipe (up to 6" diameter) to Existing Storm Pipe	2	EA	\$1,426.95	\$1,426.95	\$ 2,568.51	\$ 285.39
C4-42	Core Drill and Connect PVC or HDPE Pipe (up to 8" to 15" diameter) to Existing Storm Pipe	2	EA	\$1,997.73	\$1,997.73	\$ 3,595.91	\$ 399.55
C4-43	Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet, Remove	2	EA	\$2,168.96	\$2,168.96	\$ 3,904.14	\$ 433.79
C4-44	Storm Manhole, Catch Basin, Drop Inlet, Yard Inlet, or Grate Inlet, Abandon.	2	EA	\$1,141.56	\$1,141.56	\$ 2,054.81	\$ 228.31
C4-45	15" Pipe, RCP Class III, In Place Up to 6' Deep	25	LF	\$142.70	\$148.40	\$ 3,210.64	\$ 371.01
C4-46	15" Pipe, RCP Class III, In Place 6' to 8' Deep	5	LF	\$199.77	\$205.48	\$ 898.98	\$ 102.74
C4-47	18" Pipe, RCP Class III, In Place Up to 6' Deep	5	LF	\$165.53	\$171.23	\$ 744.87	\$ 85.62
C4-48	18" Pipe, RCP Class III, In Place 6' to 9' Deep	5	LF	\$222.60	\$228.31	\$ 1,001.72	\$ 114.16
C4-49	21" Pipe, RCP Class III, In Place Up to 6' Deep	5	LF	\$199.77	\$205.48	\$ 898.98	\$ 102.74
C4-50	21" Pipe, RCP Class III, In Place 6' to 10' Deep	5	LF	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C4-51	24" Pipe, RCP Class III, In Place Up to 6' Deep	5	LF	\$222.60	\$228.31	\$ 1,001.72	\$ 114.16
C4-52	24" Pipe, RCP Class III, In Place 6' to 11' Deep	5	LF	\$279.68	\$285.39	\$ 1,258.57	\$ 142.70
C4-53	30" Pipe, RCP Class III, In Place Up to 6' Deep	5	LF	\$239.73	\$245.44	\$ 1,078.77	\$ 122.72
C4-54	30" Pipe, RCP Class III, In Place 6' to 12' Deep	5	LF	\$285.39	\$291.10	\$ 1,284.26	\$ 145.55
C4-55	36" Pipe, RCP Class III, In Place Up to 6' Deep	5	LF	\$279.68	\$285.39	\$ 1,258.57	\$ 142.70
C4-56	36" Pipe, RCP Class III, In Place 6' to 13' Deep	5	LF	\$336.76	\$342.47	\$ 1,515.42	\$ 171.23
C4-57	15" Pipe, RCP Class IV, In Place Up to 6' Deep	5	LF	\$148.40	\$154.11	\$ 667.81	\$ 77.06
C4-58	15" Pipe, RCP Class IV, In Place 6' to 10' Deep	5	LF	\$205.48	\$211.19	\$ 924.66	\$ 105.59
C4-59	15" Pipe, RCP Class IV, In Place >10' Deep	5	LF	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C4-60	18" Pipe, RCP Class IV, In Place Up to 6' Deep	5	LF	\$176.94	\$182.65	\$ 796.24	\$ 91.32
C4-61	18" Pipe, RCP Class IV, In Place 6' to 10' Deep	5	LF	\$234.02	\$239.73	\$ 1,053.09	\$ 119.86
C4-62	18" Pipe, RCP Class IV, In Place > 10' Deep	5	LF	\$285.39	\$291.10	\$ 1,284.26	\$ 145.55
C4-63	21" Pipe, RCP Class IV, In Place Up to 6' Deep	5	LF	\$205.48	\$211.19	\$ 924.66	\$ 105.59
C4-64	21" Pipe, RCP Class IV, In Place 6' to 10' Deep	5	LF	\$262.56	\$268.27	\$ 1,181.51	\$ 134.13
C4-65	21" Pipe, RCP Class IV, In Place > 10' Deep	5	LF	\$336.76	\$342.47	\$ 1,515.42	\$ 171.23
C4-66	24" Pipe, RCP Class IV, In Place Up to 6' Deep	5	LF	\$228.31	\$234.02	\$ 1,027.40	\$ 117.01
C4-67	24" Pipe, RCP Class IV, In Place 6' to 10' Deep	5	LF	\$279.68	\$285.39	\$ 1,258.57	\$ 142.70
C4-68	24" Pipe, RCP Class IV, In Place > 10' Deep	5	LF	\$336.76	\$342.47	\$ 1,515.42	\$ 171.23
C4-69	30" Pipe, RCP Class IV, In Place Up to 6' Deep	5	LF	\$245.44	\$251.14	\$ 1,104.46	\$ 125.57
C4-70	30" Pipe, RCP Class IV, In Place 6' to 10' Deep	5	LF	\$291.10	\$296.81	\$ 1,309.94	\$ 148.40

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C4-71	30" Pipe, RCP Class IV, In Place > 10' Deep	5	LF	\$336.76	\$342.47	\$ 1,515.42	\$ 171.23
C4-72	36" Pipe, RCP Class IV, In Place Up to 6' Deep	5	LF	\$285.39	\$291.10	\$ 1,284.26	\$ 145.55
C4-73	36" Pipe, RCP Class IV, In Place 6' to 10' Deep	5	LF	\$342.47	\$348.18	\$ 1,541.11	\$ 174.09
C4-74	36" Pipe, RCP Class IV, In Place > 10' Deep	5	LF	\$399.55	\$405.25	\$ 1,797.96	\$ 202.63
C4-75	18" x 12" Elliptical Pipe (15" Equivalent), RCP Class III, In Place Up to 6' Deep	5	LF	\$199.77	\$205.48	\$ 898.98	\$ 102.74
C4-76	18" x 12" Elliptical Pipe (15" Equivalent), RCP Class IV, In Place Up to 6' Deep	5	LF	\$205.48	\$211.19	\$ 924.66	\$ 105.59
C4-77	23" x 14" Elliptical Pipe (18" Equivalent), RCP Class III, In Place Up to 6' Deep	5	LF	\$216.90	\$222.60	\$ 976.03	\$ 111.30
C4-78	23" x 14" Elliptical Pipe (18" Equivalent), RCP Class III, In Place 6' to 10' Deep	5	LF	\$285.39	\$291.10	\$ 1,284.26	\$ 145.55
C4-79	12" Pipe, HDPE, In Place Up to 6' Deep	5	LF	\$114.16	\$119.86	\$ 513.70	\$ 59.93
C4-80	12" Pipe, HDPE, In Place > 6' Deep	5	LF	\$142.70	\$148.40	\$ 642.13	\$ 74.20
C4-81	14" Pipe, HDPE, In Place Up to 6' Deep	5	LF	\$131.28	\$136.99	\$ 590.76	\$ 68.49
C4-82	14" Pipe, HDPE, In Place > 6' Deep	5	LF	\$165.53	\$171.23	\$ 744.87	\$ 85.62
C4-83	16" Pipe, HDPE, In Place Up to 6' Deep	5	LF	\$148.40	\$154.11	\$ 667.81	\$ 77.06
C4-84	16" Pipe, HDPE, In Place > 6' Deep	5	LF	\$182.65	\$188.36	\$ 821.92	\$ 94.18
C4-85	18" Pipe, HDPE, In Place Up to 6' Deep	5	LF	\$165.53	\$171.23	\$ 744.87	\$ 85.62
C4-86	18" Pipe, HDPE, In Place > 6' Deep	5	LF	\$194.07	\$199.77	\$ 873.29	\$ 99.89
C4-87	20" Pipe, HDPE, In Place Up to 6' Deep	5	LF	\$182.65	\$182.65	\$ 821.92	\$ 91.32
C4-88	20" Pipe, HDPE, In Place > 6' Deep	5	LF	\$216.90	\$222.60	\$ 976.03	\$ 111.30
C4-89	24" Pipe, HDPE, In Place Up to 6' Deep	5	LF	\$222.60	\$228.31	\$ 1,001.72	\$ 114.16
C4-90	24" Pipe, HDPE, In Place > 6' Deep	5	LF	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C4-91	4" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$142.70	\$148.40	\$ 642.13	\$ 74.20
C4-92	4" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$199.77	\$205.48	\$ 898.98	\$ 102.74
C4-93	6" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$142.70	\$148.40	\$ 642.13	\$ 74.20
C4-94	6" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$199.77	\$205.48	\$ 898.98	\$ 102.74
C4-95	8" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$148.40	\$154.11	\$ 667.81	\$ 77.06
C4-96	8" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$205.48	\$211.19	\$ 924.66	\$ 105.59
C4-97	12" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$171.23	\$176.94	\$ 770.55	\$ 88.47
C4-98	12" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$228.31	\$234.02	\$ 1,027.40	\$ 117.01
C4-99	16" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$199.77	\$205.48	\$ 898.98	\$ 102.74
C4-100	16" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C4-101	18" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$228.31	\$234.02	\$ 1,027.40	\$ 117.01
C4-102	18" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$285.39	\$291.10	\$ 1,284.26	\$ 145.55
C4-103	20" Pipe, DIP (Class 52), In Place Up to 6' Deep	5	LF	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C4-104	20" Pipe, DIP (Class 52), In Place > 6' Deep	5	LF	\$313.93	\$319.64	\$ 1,412.68	\$ 159.82
C4-105	4" Pipe, PVC (Schedule 40 or SDR 35) in Place up to 6' Deep	5	LF	\$68.49	\$74.20	\$ 308.22	\$ 37.10
C4-106	6" Pipe, PVC (Schedule 40 or SDR 35) in Place up to 6' Deep	100	LF	\$85.62	\$91.32	\$ 7,705.53	\$ 913.25
C4-107	8" Pipe, PVC (Schedule 40 or SDR 35), In Place up to 6' Deep	50	LF	\$91.32	\$97.03	\$ 4,109.62	\$ 485.16
C4-108	Cast in place stormwater management drainage structure (VDOT standard SWM-1)	1	EA	\$19,977.30	\$19,977.30	\$ 17,979.57	\$ 1,997.73
C4-109	Precast stormwater management drainage structure (VDOT standard SWM-1)	1	EA	\$17,123.40	\$17,123.40	\$ 15,411.06	\$ 1,712.34
C4-110	Underdrain, Standard VDOT UD-1	5	LF	\$51.37	\$57.08	\$ 231.17	\$ 28.54
C4-111	Underdrain, Standard VDOT UD-2	5	LF	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C4-112	Underdrain, Standard VDOT UD-4	5	LF	\$51.37	\$51.37	\$ 231.17	\$ 25.69

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C4-113	Endwall for Pipe Underdrain (VDOT Standard EW-12)	2	EA	\$656.40	\$656.40	\$ 1,181.51	\$ 131.28
C4-114	Combined Underdrain CD-1	5	LF	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C4-115	Combined Underdrain CD-2	5	LF	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C4-116	Paved ditch (VDOT standard PG-2A)	50	SY	\$108.45	\$114.16	\$ 4,880.17	\$ 570.78
C4-117	Paved ditch (VDOT standard PG-5)	50	SY	\$108.45	\$114.16	\$ 4,880.17	\$ 570.78
C4-118	Sodded ditch including fine grading	50	SY	\$22.83	\$22.83	\$ 1,027.40	\$ 114.16
C4-119	Cleaning with Video inspection, 4" to 24" Existing Storm/Sanitary, Pipes and Manholes	5	LF	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C4-120	Cleaning with Video inspection, 24" to 48" Existing Storm/Sanitary, Pipes and Manholes	5	LF	\$22.83	\$22.83	\$ 102.74	\$ 11.42
C4-121	Abandon storm pipe in place Including capping all open ends and completely filling sewer with flowable fill (All material types, sizes and depths)	15	LF	\$28.54	\$28.54	\$ 385.28	\$ 42.81
				C4 SUBTOTAL		\$ 473,802.77	\$ 54,411.32
C6. WATERMAIN WORK							
C6-1	Abandon/Remove Existing Fire Hydrant	1	EA	\$5,707.80	\$5,707.80	\$ 5,137.02	\$ 570.78
C6-2	Remove And Reset Existing Fire Hydrant	1	EA	\$7,990.92	\$7,990.92	\$ 7,191.83	\$ 799.09
C6-3	Install New Fire Hydrant (includes Fire Hydrant, Gate Valve with Valve Box and up to 20 LF 6-inch DIP CL-52)	1	EA	\$14,269.50	\$14,269.50	\$ 12,842.55	\$ 1,426.95
C6-4	Fire Hydrant Vertical Extension	1	EA	\$2,853.90	\$2,853.90	\$ 2,568.51	\$ 285.39
C6-5	Abandon Existing Corporation Stop (TO BE PERFORMED AS DIRECTED BY THE COUNTY PROJECT OFFICER)	1	EA	\$1,997.73	\$1,997.73	\$ 1,797.96	\$ 199.77
C6-6	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.	1	EA	\$3,139.29	\$3,139.29	\$ 2,825.36	\$ 313.93
C6-7	Service Taps - 3/4-inch and 1-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	50	LF	\$114.16	\$114.16	\$ 5,137.02	\$ 570.78
C6-8	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.	1	EA	\$3,367.60	\$3,367.60	\$ 3,030.84	\$ 336.76
C6-9	Service Re-Taps - 3/4-inch and 1-inch PER ADDITIONAL LINEAR FT. OVER 10 FT.	50	LF	\$114.16	\$114.16	\$ 5,137.02	\$ 570.78
C6-10	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.	1	EA	\$2,853.90	\$2,853.90	\$ 2,568.51	\$ 285.39
C6-11	Service Relocations - 3/4-inch and 1-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	1	LF	\$142.70	\$142.70	\$ 128.43	\$ 14.27
C6-12	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.	1	EA	\$5,137.02	\$5,137.02	\$ 4,623.32	\$ 513.70
C6-13	Service Taps - 1 1/2-inch and 2-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	50	LF	\$142.70	\$142.70	\$ 6,421.28	\$ 713.48

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C6-14	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.	1	EA	\$5,137.02	\$5,137.02	\$ 4,623.32	\$ 513.70
C6-15	Service Re-Taps - 1 1/2-inch and 2-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	50	LF	\$154.11	\$154.11	\$ 6,934.98	\$ 770.55
C6-16	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.	1	EA	\$5,137.02	\$5,137.02	\$ 4,623.32	\$ 513.70
C6-17	Service Relocations - 1 1/2-inch and 2-inch PER ADDITIONAL LINEAR FOOT OVER 10 FT.	1	LF	\$154.11	\$154.11	\$ 138.70	\$ 15.41
C6-18	Abandon Concrete Watermain Manhole	1	EA	\$1,426.95	\$1,426.95	\$ 1,284.26	\$ 142.70
C6-19	Abandon Existing Water Main (All sizes and depths)	5	LF	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C6-20	Water Meter Frame & Cover, Replace	1	EA	\$1,712.34	\$1,712.34	\$ 1,541.11	\$ 171.23
C6-21	Water Meter Box vertical Adjustment to New Grade	1	EA	\$1,113.02	\$1,113.02	\$ 1,001.72	\$ 111.30
C6-22	Water Valve Box vertical Adjustment to New Grade	1	EA	\$285.39	\$285.39	\$ 256.85	\$ 28.54
C6-23	Gas Valve Box vertical Adjustment to New Grade	1	EA	\$856.17	\$856.17	\$ 770.55	\$ 85.62
C6-24	Remove Existing Valve Boxes	1	EA	\$970.33	\$970.33	\$ 873.29	\$ 97.03
				C6 SUBTOTAL		\$ 81,688.89	\$ 9,076.54
C7. SANITARY SEWER WORK							
C7-1	Sanitary Sewer House Laterals (IN ACCORDANCE WITH Arlington County CONSTRUCTION STANDARDS AND SPECIFICATIONS SECTION 02510, PART 3, ITEM 3.5)	100	LF	\$399.55	\$428.09	\$ 35,959.14	\$ 4,280.85
C7-2	Adjust Sanitary Manhole to New Grade (Arlington County Detail S-2.5), Type A	5	EA	\$1,712.34	\$1,997.73	\$ 7,705.53	\$ 998.87
C7-3	Adjust Sanitary Manhole to New Grade (Arlington County Detail S-2.5), Type B	5	EA	\$3,710.07	\$3,995.46	\$ 16,695.32	\$ 1,997.73
C7-4	Adjust Sanitary Manhole to New Grade (Arlington County Detail S-2.5), Type C	5	EA	\$3,139.29	\$3,424.68	\$ 14,126.81	\$ 1,712.34
				C7 SUBTOTAL		\$ 74,486.79	\$ 8,989.79
C11. LANDSCAPE AND HARDSCAPE RESTORATION WORK							
C11-1	Tree and Shrub - Remove and Dispose, up to 6" DBH (Diameter at Breast Height)	15	EA	\$285.39	\$285.39	\$ 3,852.77	\$ 428.09
C11-2	Imported Topsoil	20	CY	\$108.45	\$108.45	\$ 1,952.07	\$ 216.90
C11-3	Topsoil for Street Trees, Backfill Soil Mixture of 3/4 Existing Soil and 1/4 Organic Material (per Arlington County DPR Specification)	10	CY	\$108.45	\$108.45	\$ 976.03	\$ 108.45
C11-4	Topsoil for Street Trees, Purchased Mixture (per Arlington County DPR Specification)	5	CY	\$108.45	\$108.45	\$ 488.02	\$ 54.22
C11-5	Compost (bio-retention specifications table on special conditions-Attachment A)	5	CY	\$165.53	\$165.53	\$ 744.87	\$ 82.76
C11-6	Shredded hardwood mulch; Aged 6 months minimum - Free of Trash & Debris	50	CY	\$85.62	\$85.62	\$ 3,852.77	\$ 428.09
C11-7	Seed, Mixture of 85% Tall Fescue/Bluegrass and 15% Annual Rye	60	SY	\$5.71	\$5.71	\$ 308.22	\$ 34.25
C11-8	Sod, Tall Fescue/Bluegrass Mixture	5	SY	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C11-9	Sod, Zoysia	5	SY	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C11-10	Hedge Row - Remove, Reset, and Mulch (Includes All Labor and Materials)	5	LF	\$222.60	\$222.60	\$ 1,001.72	\$ 111.30

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C11-11	Tree/Stump Removal - Class A. Remove and Dispose, Up to 6" DBH to 12" DBH (Diameter at Breast Height)	15	EA	\$1,426.95	\$1,426.95	\$ 19,263.83	\$ 2,140.43
C11-12	Tree/Stump Removal - Class B. Remove and Dispose, over 12" DBH to 18" DBH (Diameter at Breast Height)	5	EA	\$1,997.73	\$1,997.73	\$ 8,989.79	\$ 998.87
C11-13	Tree/Stump Removal - Class C. Remove and Dispose, over 18" DBH to 24" DBH (Diameter at Breast Height)	5	EA	\$2,568.51	\$2,568.51	\$ 11,558.30	\$ 1,284.26
C11-14	Tree/Stump Removal - Class D. Remove and Dispose, over 24" DBH to 30" DBH (Diameter at Breast Height)	5	EA	\$4,566.24	\$4,566.24	\$ 20,548.08	\$ 2,283.12
C11-15	Tree/Stump Removal - Class E. Remove and Dispose, over 30" DBH to 36" DBH (Diameter at Breast Height)	5	EA	\$5,707.80	\$5,707.80	\$ 25,685.10	\$ 2,853.90
C11-16	Trees, Deciduous - 0.75 to 1.0" caliper	5	EA	\$228.31	\$228.31	\$ 1,027.40	\$ 114.16
C11-17	Trees, Deciduous - 1.0 to 1.5" caliper	10	EA	\$285.39	\$285.39	\$ 2,568.51	\$ 285.39
C11-18	Trees, Deciduous - 1.5 to 2.0" caliper	5	EA	\$342.47	\$342.47	\$ 1,541.11	\$ 171.23
C11-19	Trees, Deciduous -4'-5' in height	5	EA	\$228.31	\$228.31	\$ 1,027.40	\$ 114.16
C11-20	Trees, Deciduous -5'-6' in height	5	EA	\$256.85	\$256.85	\$ 1,155.83	\$ 128.43
C11-21	Trees, Deciduous -6'-8' in height	5	EA	\$285.39	\$285.39	\$ 1,284.26	\$ 142.70
C11-22	Trees, Deciduous -8'-10' in height	5	EA	\$313.93	\$313.93	\$ 1,412.68	\$ 156.96
C11-23	Trees, Evergreen - 5.0 to 6.0' in height	10	EA	\$285.39	\$285.39	\$ 2,568.51	\$ 285.39
C11-24	Trees, Evergreen - 6.0 to 7.0' in height	5	EA	\$342.47	\$342.47	\$ 1,541.11	\$ 171.23
C11-25	Trees, Evergreen - 7.0' to 8.0' in height	5	EA	\$399.55	\$399.55	\$ 1,797.96	\$ 199.77
C11-26	Bare root Tree or Shrub Seedling 12"-24"	100	EA	\$14.27	\$14.27	\$ 1,284.26	\$ 142.70
C11-27	Bare root Tree or Shrub Seedling greater than 24"	100	EA	\$17.12	\$17.12	\$ 1,541.11	\$ 171.23
C11-28	Herbaceous plants (3" Deep plug Minimum)	250	EA	\$8.56	\$8.56	\$ 1,926.38	\$ 214.04
C11-29	Herbaceous Plant (Quart)	1000	EA	\$14.27	\$14.27	\$ 12,842.55	\$ 1,426.95
C11-30	Herbaceous Plant (#1 Container)	1000	EA	\$22.83	\$22.83	\$ 20,548.08	\$ 2,283.12
C11-31	Shrub (#1 Container)- Container or B&B	5	EA	\$34.25	\$34.25	\$ 154.11	\$ 17.12
C11-32	Shrub (#2 Container)- Container or B&B	25	EA	\$45.66	\$45.66	\$ 1,027.40	\$ 114.16
C11-33	Shrub (#3 Container)- Container or B&B	125	EA	\$57.08	\$57.08	\$ 6,421.28	\$ 713.48
C11-34	Shrub (#5 Container)- Container or B&B	50	EA	\$102.74	\$102.74	\$ 4,623.32	\$ 513.70
C11-35	Tree Staking (Arlington County Park and Recreation, 329300.6 and 329300.7)	5	EA	\$34.25	\$34.25	\$ 154.11	\$ 17.12
C11-36	Tree Pruning	5	EA	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C11-37	Root Pad (DPR Detail 311100.4)	5	EA	\$11.42	\$11.42	\$ 51.37	\$ 5.71
C11-38	Root Protection Matting	5	SF	\$5.71	\$5.71	\$ 25.69	\$ 2.85
C11-39	Brick Pavers, Including Concrete Base (Arlington County Detail R-2.1)	5	SY	\$399.55	\$399.55	\$ 1,797.96	\$ 199.77
C11-40	Permeable unit pavers installed - supplemental specifications section 02780	200	SY	\$222.60	\$222.60	\$ 40,068.76	\$ 4,452.08
C11-41	Brick Pavers, Remove and Reset (Arlington County Detail R-2.1)	5	SY	\$342.47	\$342.47	\$ 1,541.11	\$ 171.23
C11-42	Flagstone Walkway, Remove & Reset or Replace to Match Existing	5	SY	\$365.30	\$365.30	\$ 1,643.85	\$ 182.65
C11-43	Bollards (Supplemental Spec 13120)	5	EA	\$1,712.34	\$1,712.34	\$ 7,705.53	\$ 856.17
C11-44	Handrail (Arlington County Detail R-3.1)	5	LF	\$222.60	\$222.60	\$ 1,001.72	\$ 111.30
C11-45	Handrail - Ornamental (Arlington County Detail R-3.2)	5	LF	\$222.60	\$222.60	\$ 1,001.72	\$ 111.30
C11-46	Handrail - Trail Railing (Arlington County Detail R-3.3)	5	LF	\$199.77	\$199.77	\$ 898.98	\$ 99.89
C11-47	Handrail (Any Type or Material), Remove and Dispose	5	LF	\$39.95	\$39.95	\$ 179.80	\$ 19.98
C11-48	Wooden or Vinyl Fence (Typical Privacy, Picket, or Similar), Remove & Replace, Height Up to 6'	5	LF	\$97.03	\$97.03	\$ 436.65	\$ 48.52
C11-49	Wooden or Vinyl Fence (Typical Privacy, Picket, or Similar), Remove & Replace, Height Greater Than 6' Up to 8'	5	LF	\$142.70	\$142.70	\$ 642.13	\$ 71.35
C11-50	Chain Link Fence, Height Less Than or Equal to 6'	5	LF	\$85.62	\$85.62	\$ 385.28	\$ 42.81
C11-51	Chain Link Fence, Height Greater Than 6' Up to 8'	5	LF	\$108.45	\$108.45	\$ 488.02	\$ 54.22

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C11-52	Chain Link Fence - Relocate, Height Less Than or Equal to 6'	5	LF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C11-53	Chain Link Fence - Relocate, Height Greater Than 6' Up to 8'	5	LF	\$74.20	\$74.20	\$ 333.91	\$ 37.10
C11-54	Chain Link Fence - Remove & Dispose, Height Less Than or equal to 6'	5	LF	\$28.54	\$28.54	\$ 128.43	\$ 14.27
C11-55	Chain Link Fence - Remove & Dispose, Height Greater Than 6' Up to 8'	5	LF	\$34.25	\$34.25	\$ 154.11	\$ 17.12
C11-56	Fence and Posts (Any Size or Material), Remove & Dispose, only when not included in other pay items	5	LF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C11-57	Landscape/Retaining Wall, Excluding Foundation (Segmental Non-Reinforced Interlocking Concrete Wall), Height Less Than 3' Exposed Face (Versa-Lok, or County Approved Alternate System)	5	SF	\$74.20	\$74.20	\$ 333.91	\$ 37.10
C11-58	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)	5	SF	\$22.83	\$22.83	\$ 102.74	\$ 11.42
C11-59	Landscape/Retaining Wall (Block, Brick, Segmental, or Similar), Height Greater Than 3' Exposed Face, Remove and Dispose (Foundation Removal Paid Separately under Rock Excavation)	5	SF	\$28.54	\$28.54	\$ 128.43	\$ 14.27
C11-60	Landscape Wall, Repoint and Repair	5	SY	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C11-61	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.0, including all materials as shown in drawing)	5	CF	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C11-62	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.1, including all materials as shown in drawing except Concrete Base)	5	CF	\$51.37	\$51.37	\$ 231.17	\$ 25.69
C11-63	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.2, including all materials as shown in drawing)	5	CF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C11-64	Retaining Wall - Mortar Rubble (Arlington County Detail R-4.3, including all materials as shown in drawing except Concrete Base)	5	CF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C11-65	Retaining Wall - Concrete Base (Arlington County Detail R-4.1 or R-4.3 Only)	5	CF	\$39.95	\$39.95	\$ 179.80	\$ 19.98
C11-66	Retaining Wall - Concrete Gravity (VDOT RW-2)	5	CF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C11-67	Retaining Wall - Concrete Gravity (VDOT RW-3)	5	CF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C11-68	Retaining Wall - Rustication Treatment, Brick or Vertical Groove (VDOT RW-2, or VDOT RW-3)	5	SY	\$22.83	\$22.83	\$ 102.74	\$ 11.42
C11-69	Retaining Wall, Repoint and Repair	5	SY	\$205.48	\$205.48	\$ 924.66	\$ 102.74
				C11-SUBTOTAL		\$ 228,828.56	\$ 25,425.40
C13. EROSION AND SEDIMENT CONTROL WORK							
C13-1	Mulch/Mat Construction Entrance (Detail in special conditions - Attachment C)	5	EA	\$3,995.46	\$3,995.46	\$ 17,979.57	\$ 1,997.73
C13-2	Silt Fence, with Wire Support (Virginia Erosion & Sediment Control Handbook Standard & Specification 3.05)	500	LF	\$6.28	\$6.28	\$ 2,825.36	\$ 313.93
C13-3	Silt Fence, without Wire Support (Virginia Erosion & Sediment Control Handbook Standard & Specification 3.05)	200	LF	\$5.71	\$5.71	\$ 1,027.40	\$ 114.16
C13-4	Storm Drain Inlet Protection, Silt Fence Drop Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	20	EA	\$285.39	\$285.39	\$ 5,137.02	\$ 570.78
C13-5	Storm Drain Inlet Protection, Gravel & Wire Mesh Drop Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	5	EA	\$285.39	\$285.39	\$ 1,284.26	\$ 142.70

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C13-6	Storm Drain Inlet Protection, Block & Gravel Drop Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	1	EA	\$285.39	\$285.39	\$ 256.85	\$ 28.54
C13-7	Storm Drain Inlet Protection, Gravel Curb Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	1	EA	\$285.39	\$285.39	\$ 256.85	\$ 28.54
C13-8	Storm Drain Inlet Protection, Block & Gravel Curb Inlet Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.07)	1	EA	\$285.39	\$285.39	\$ 256.85	\$ 28.54
C13-9	Culvert Inlet Protection, Silt Fence Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.08)	1	EA	\$228.31	\$228.31	\$ 205.48	\$ 22.83
C13-10	Culvert Inlet Protection, Stone Combination Application (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.08)	1	EA	\$570.78	\$570.78	\$ 513.70	\$ 57.08
C13-11	Install and Remove Temporary Diversion Dike (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.09)	1	LF	\$57.08	\$57.08	\$ 51.37	\$ 5.71
C13-12	Rock Check Dam (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.20)	1	EA	\$513.70	\$513.70	\$ 462.33	\$ 51.37
C13-13	Install and Remove Temporary Fill Diversion (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.10)	5	LF	\$28.54	\$28.54	\$ 128.43	\$ 14.27
C13-14	Dewatering Structure (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.26)	1	EA	\$2,226.04	\$2,226.04	\$ 2,003.44	\$ 222.60
C13-15	6' Chain Link Tree Protection Fence (per Arlington County DPR Standard 02231.1)	5	LF	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C13-16	4' Chain Link Tree Protection Fence (per Arlington County DPR Standard 02231.2)	400	LF	\$39.95	\$39.95	\$ 14,383.66	\$ 1,598.18
C13-17	Root Pruning (per Arlington County DPR Standard 02231.5)	100	LF	\$17.12	\$17.12	\$ 1,541.11	\$ 171.23
C13-18	Tree Protection, Fencing and Amoring Applications (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.38)	200	LF	\$11.42	\$11.42	\$ 2,054.81	\$ 228.31
C13-20	Stormwater Channel excavation grass lined - seeded (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$85.62	\$85.62	\$ 385.28	\$ 42.81
C13-21	Stormwater Channel grass line seeded Rip Rap 12", non grouted (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$97.03	\$97.03	\$ 436.65	\$ 48.52
C13-22	Stormwater Channel grass line seeded Rip Rap 18", non grouted (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$108.45	\$108.45	\$ 488.02	\$ 54.22
C13-23	Stormwater Channel grass line sodded (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$34.25	\$34.25	\$ 154.11	\$ 17.12
C13-24	Stormwater Channel grass line sodded Rip Rap 12", non grouted (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$108.45	\$108.45	\$ 488.02	\$ 54.22
C13-25	Stormwater Channel grass line sodded Rip Rap 18", non grouted (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C13-26	Stormwater Channel excavation Rip Rap 12" non grouted (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$199.77	\$199.77	\$ 898.98	\$ 99.89
C13-27	Stormwater Channel excavation Rip Rap 18" non grouted (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.17)	5	SY	\$228.31	\$228.31	\$ 1,027.40	\$ 114.16

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C13-28	Outlet protection concrete 4"(per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.18)	5	SY	\$108.45	\$108.45	\$ 488.02	\$ 54.22
C13-29	Outlet protection grouted rip rap, 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.18)	5	SY	\$142.70	\$142.70	\$ 642.13	\$ 71.35
C13-30	Outlet protection non-grouted rip rap, 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.18)	5	SY	\$108.45	\$108.45	\$ 488.02	\$ 54.22
C13-31	Biologs with live stakes streambank protection (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.22)	15	LF	\$39.95	\$39.95	\$ 539.39	\$ 59.93
C13-32	Gabions streambank protection (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.23)	5	CY	\$656.40	\$656.40	\$ 2,953.79	\$ 328.20
C13-33	Streambank protection - Grouted rip rap 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.23)	5	SY	\$142.70	\$142.70	\$ 642.13	\$ 71.35
C13-34	Streambank protection - Non-Grouted rip rap 18" (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.23)	10	SY	\$108.45	\$108.45	\$ 976.03	\$ 108.45
C13-35	Imbricated Riprap (Per DEQ Virginia Stream restoration and stabilization best management practices guide, Chapter 4, Section 1, Practice 1.3, Detail 1.3)	10	CY/TON	\$679.23	\$679.23	\$ 6,113.05	\$ 679.23
C13-36	Sandbag/Stone Diversion (Per DEQ Virginia Stream restoration and stabilization best management practices guide, Chapter 4, Section 5, Practice 5.2, Detail 5.2)	5	EA	\$2,283.12	\$2,283.12	\$ 10,274.04	\$ 1,141.56
C13-37	Permanent Soil stabilization mat - slope installation, Type C (VDOT standard EC-3)	5	SY	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C13-38	Permanent Soil stabilization mat - culvert outlet protection installation (VDOT standard EC-3)	5	SY	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C13-39	Permanent Soil stabilization mat - ditch installation, Type A and B (VDOT standard EC-3)	5	SY	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C13-40	Temporary Soil stabilization mat - slope/ditch installation (VDOT standard EC-2)	5	SY	\$11.42	\$11.42	\$ 51.37	\$ 5.71
C13-41	Temporary jute mesh protective covering (VDOT standard EC-2)	5	SY	\$17.12	\$17.12	\$ 77.06	\$ 8.56
C13-42	Straw mulck with tack	5	SY	\$5.71	\$5.71	\$ 25.69	\$ 2.85
C13-43	Gravel construction entrance, including wash rack (per Virginia Erosion & Sediment Control Handbook Standard & Specification 3.02)	5	EA	\$2,853.90	\$2,853.90	\$ 12,842.55	\$ 1,426.95
				C13 SUBTOTAL		\$ 91,361.90	\$ 10,151.32

C15. UNLISTED WORK							
C15-1	Foreman With Pick-up Truck	100	Hourly	\$159.82	\$171.23	\$ 14,383.66	\$ 1,712.34
C15-2	Backhoe With Operator	50	Hourly	\$182.65	\$194.07	\$ 8,219.23	\$ 970.33
C15-3	Loader With Operator	50	Hourly	\$182.65	\$194.07	\$ 8,219.23	\$ 970.33
C15-4	Tandem/Tri-Axle Dump Truck With Driver	10	Hourly	\$165.53	\$176.94	\$ 1,489.74	\$ 176.94
C15-5	Single Axle Dump Truck With Driver	10	Hourly	\$108.45	\$119.86	\$ 976.03	\$ 119.86
C15-6	Labor - Pipe Layer	50	Hourly	\$85.62	\$91.32	\$ 3,852.77	\$ 456.62
C15-7	Labor - Concrete Finisher	100	Hourly	\$74.20	\$79.91	\$ 6,678.13	\$ 799.09
C15-8	Labor - Manhole Builder	50	Hourly	\$74.20	\$79.91	\$ 3,339.06	\$ 399.55
C15-9	Labor - Skilled	50	Hourly	\$68.49	\$79.91	\$ 3,082.21	\$ 399.55
C15-10	Labor - Unskilled	500	Hourly	\$57.08	\$68.49	\$ 25,685.10	\$ 3,424.68
C15-11	Flagman	50	Hourly	\$57.08	\$68.49	\$ 2,568.51	\$ 342.47
C15-12	Misc. Equipment Operator	10	Hourly	\$102.74	\$108.45	\$ 924.66	\$ 108.45
C15-13	Rubber Tire Loader	5	Hourly	\$68.49	\$74.20	\$ 308.22	\$ 37.10
C15-14	Skid Steer Loader	10	Hourly	\$68.49	\$74.20	\$ 616.44	\$ 74.20

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C15-15	Track Excavator With Operator	10	Hourly	\$205.48	\$216.90	\$ 1,849.33	\$ 216.90
C15-16	Air Compressor With Tools	5	Hourly	\$39.95	\$45.66	\$ 179.80	\$ 22.83
C15-17	Tool Truck or Trailer with Tools Incidental to work	5	Hourly	\$57.08	\$62.79	\$ 256.85	\$ 31.39
C15-18	Trench Compactor	50	Hourly	\$45.66	\$51.37	\$ 2,054.81	\$ 256.85
C15-19	Pavement Breaker	50	Hourly	\$51.37	\$57.08	\$ 2,311.66	\$ 285.39
C15-20	Welding (Includes All Labor And Equipment)	10	Hourly	\$136.99	\$142.70	\$ 1,232.88	\$ 142.70
C15-21	Lighting With Generator	10	Hourly	\$34.25	\$34.25	\$ 308.22	\$ 34.25
C15-22	Roadway Steel Plates - EA	5	DAY	\$114.16	\$114.16	\$ 513.70	\$ 57.08
C15-23	Excavation Trench Box - EA	5	DAY	\$285.39	\$285.39	\$ 1,284.26	\$ 142.70
C15-24	Electronic Arrow Board	10	Hourly	\$17.12	\$17.12	\$ 154.11	\$ 17.12
C15-25	Work Zone Set-Up - Includes Signs, Channelizers And Cones	5	DAY	\$1,997.73	\$2,226.04	\$ 8,989.79	\$ 1,113.02
C15-26	Boom Truck with Driver/Operator	10	Hourly	\$256.85	\$262.56	\$ 2,311.66	\$ 262.56
C15-27	Tractor Trailer with Driver	10	Hourly	\$171.23	\$176.94	\$ 1,541.11	\$ 176.94
C15-28	4" or Greater Dewatering Pump	5	DAY	\$399.55	\$399.55	\$ 1,797.96	\$ 199.77
C15-29	Tapping Machine	20	Hourly	\$22.83	\$22.83	\$ 410.96	\$ 45.66
C15-30	Jack Hammer	20	Hourly	\$28.54	\$28.54	\$ 513.70	\$ 57.08
C15-33	1st Class Lineman	10	Hourly	\$57.08	\$62.79	\$ 513.70	\$ 62.79
C15-34	3rd Class Lineman	20	Hourly	\$57.08	\$62.79	\$ 1,027.40	\$ 125.57
C15-35	Utility Truck w/ Tools	5	Hourly	\$136.99	\$142.70	\$ 616.44	\$ 71.35
C15-36	Pole Truck w/ Operator	5	Hourly	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C15-37	Aerial Lift Truck w/ Operator	5	Hourly	\$256.85	\$262.56	\$ 1,155.83	\$ 131.28
C15-39	Pole Trailer	5	Hourly	\$57.08	\$57.08	\$ 256.85	\$ 28.54
C15-40	Cable Trailer	5	Hourly	\$57.08	\$57.08	\$ 256.85	\$ 28.54
				C15 SUBTOTAL		\$ 111,036.69	\$ 13,633.08

C17. STORMWATER WORK

C17-1	Aggregate, Double Washed VDOT #8 (Uncompacted in Place, Choking Layer)	50	CY	\$114.16	\$114.16	\$ 5,137.02	\$ 570.78
C17-2	Aggregate, Double Washed VDOT #57 (Uncompacted in Place)	200	CY	\$114.16	\$114.16	\$ 20,548.08	\$ 2,283.12
C17-3	Inlet Protection/ Energy Dissipaton (3"-6" Rounded River Rock)	20	CY	\$428.09	\$428.09	\$ 7,705.53	\$ 856.17
C17-4	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)	300	LF	\$108.45	\$108.45	\$ 29,281.01	\$ 3,253.45
C17-5	Bioretention Filter Media - Refer to attached bioretention construction notes in special conditions-Attachment A	500	CY	\$142.70	\$148.40	\$ 64,212.75	\$ 7,420.14
C17-6	15" Dia. Overflow Riser/ Inlet Drain with Dome type grate up to 6' deep - detail in special conditions-Attachment D	5	EA	\$2,853.90	\$2,853.90	\$ 12,842.55	\$ 1,426.95
C17-7	18" Dia. Overflow Riser/ Inlet Drain with dome type grate up to 6' deep - detail in special conditions-Attachment D	5	EA	\$3,139.29	\$3,139.29	\$ 14,126.81	\$ 1,569.65
C17-8	24" Dia. Overflow Riser/ Inlet Drain with dome type grate up to 6' deep - detail in special conditions-Attachment D	5	EA	\$3,424.68	\$3,424.68	\$ 15,411.06	\$ 1,712.34
C17-9	30" Dia. Overflow Riser/ Inlet Drain with dome type grate up to 6' deep - detail in special conditions-Attachment D	5	EA	\$3,710.07	\$3,710.07	\$ 16,695.32	\$ 1,855.04
C17-10	PVC Cleanout with Cap-detail in special conditions-Attachment E	20	EA	\$856.17	\$856.17	\$ 15,411.06	\$ 1,712.34
C17-11	30mil HDPE or PVC Impermeable liner installed in place	100	SY	\$11.42	\$11.42	\$ 1,027.40	\$ 114.16
C17-12	4" Permeable Concrete in place	5	CY	\$856.17	\$856.17	\$ 3,852.77	\$ 428.09
C17-13	6" Permeable Concrete in place	200	CY	\$627.86	\$627.86	\$ 113,014.44	\$ 12,557.16
C17-14	8" Permeable Concrete in place	200	CY	\$456.62	\$456.62	\$ 82,192.32	\$ 9,132.48
C17-15	Shrub 12"-18" Tall - Container or B&B	5	EA	\$34.25	\$34.25	\$ 154.11	\$ 17.12
C17-16	Thickened Concrete Curb & Gutter - Detail in special conditions - Attachment G	100	CY	\$1,027.40	\$1,027.40	\$ 92,466.36	\$ 10,274.04
C17-17	Edge Wall -Detail in special conditions - Attachment H	50	CY	\$1,027.40	\$1,027.40	\$ 46,233.18	\$ 5,137.02
C17-18	Trench Drain-Detail in special conditions - Attachment I	15	CY	\$1,084.48	\$1,084.48	\$ 14,640.51	\$ 1,626.72

ITEM#	DESCRIPTION	TOTAL ESTIMATED ANNUAL QUANTITY (TEQ)	UNIT	UNIT PRICE (UP)		TOTAL ESTIMATED PRICE	
				BASE BID WORK	RESTRICTED HOURS WORK	BASE BID WORK (UP) X 0.9 (TEQ)	RESTRICTED HOURS WORK (UP) X 0.1 (TEQ)
C17-19	Shallow inlet Frame, Grate, 6" curb box-Neenah Foundary R-3165 or approved equal	5	EA	\$2,796.82	\$2,796.82	\$ 12,585.70	\$ 1,398.41
C17-20	Shrub 18"-24" Tall - Container or B&B	10	EA	\$39.95	\$39.95	\$ 359.59	\$ 39.95
C17-21	Shrub 24"-36" Tall - Container or B&B	5	EA	\$85.62	\$85.62	\$ 385.28	\$ 42.81
				C17 SUBTOTAL		\$568,282.84	\$63,427.93

C16. MOT AND RE-MOBILIZATION WORK

C16-1	Maintenance of Traffic (MOT) within Arterial Street with flagging operations. Multiplier, expressed as a percentage, to be added to the total amount of each project assignment cost. (For example, estimating an average project assignment cost of \$150,000 and a 1% multiplier = 0.01 x \$150,000 = \$1,500 would be added to the project assignment cost)	5%	%	2,019,439.62	231,263.79	\$ 100,971.98	\$ 11,563.19
C16-2	Maintenance of Traffic (MOT) within Arterial Street without flagging operations. Multiplier, expressed as a percentage, to be added to the total amount of each project assignment cost. (For example, estimating an average project assignment cost of \$150,000 and a 1% multiplier = 0.01 x \$150,000 = \$1,500 would be added to the project assignment cost)	3%	%	2,019,439.62	231,263.79	\$ 60,583.19	\$ 6,937.91
C16-3	Maintenance of Traffic (MOT) within Non-Arterial Street with flagging operations. Multiplier, expressed as a percentage, to be added to the total amount of each project assignment cost. (For example, estimating an average project assignment cost of \$150,000 and a 1% multiplier = 0.01 x \$150,000 = \$1,500 would be added to the project assignment cost)	3%	%	2,019,439.62	231,263.79	\$ 60,583.19	\$ 6,937.91
C16-4	Maintenance of Traffic (MOT) within Non-Arterial Street without flagging operations. Multiplier, expressed as a percentage, to be added to the total amount of each project assignment cost. (For example, estimating an average project assignment cost of \$150,000 and a 1% multiplier = 0.01 x \$150,000 = \$1,500 would be added to the project assignment cost)	2%	%	2,019,439.62	231,263.79	\$ 40,388.79	\$ 4,625.28
C16-5	Re-Mobilization (For On-Call Contracts Only). Multiplier, expressed as a percentage, to be added to the total amount of each project assignment cost. (For example, estimating an average project assignment cost of \$150,000 and a 1% multiplier = 0.01 x \$150,000 = \$1,500 would be added to the project assignment cost)	2%	%	2,019,439.62	231,263.79	\$ 40,388.79	\$ 4,625.28
C16-6	Mobilization and De-Mobilization. (For On-Call Contracts Only). Multiplier, expressed as a percentage, to be added to the total amount of each project assignment cost. (For example, estimating an average project assignment cost of \$150,000 and a 1% multiplier = 0.01 x \$150,000 = \$1,500 would be added to the project assignment cost)	5%	%	2,019,439.62	231,263.79	\$ 100,971.98	\$ 11,563.19
				C16 SUBTOTAL		\$ 403,887.92	\$ 46,252.76

CONTRACT TOTAL \$ 2,423,327.54 \$ 277,516.55

CONSTRUCTION ECONOMICS

ENR's 20-city average cost indexes, wages and material prices. Historical data for ENR's 20 cities can be found at [ENR.com/economics](https://enr.com/economics)

Construction Cost Index

+5.7%

ANNUAL INFLATION RATE

OCT. 2022

1913=100	INDEX VALUE	MONTH	YEAR
CONSTRUCTION COST	13174.92	0.0%	+5.7%
COMMON LABOR	24634.46	0.0%	+1.1%
WAGE \$/HR.	47.36	0.0%	+1.1%

The Construction Cost Index's annual escalation rose 5.7%, while the monthly component stayed flat.

Building Cost Index

+9.9%

ANNUAL INFLATION RATE

OCT. 2022

1913=100	INDEX VALUE	MONTH	YEAR
BUILDING COST	7965.04	+0.1%	+9.9%
SKILLED LABOR	11304.38	+0.1%	+3.0%
WAGE \$/HR.	62.38	+0.1%	+3.0%

The Building Cost Index was up 9.9% on an annual basis, while the monthly component rose 0.1%.

Materials Cost Index

+0.1%

MONTHLY INFLATION RATE

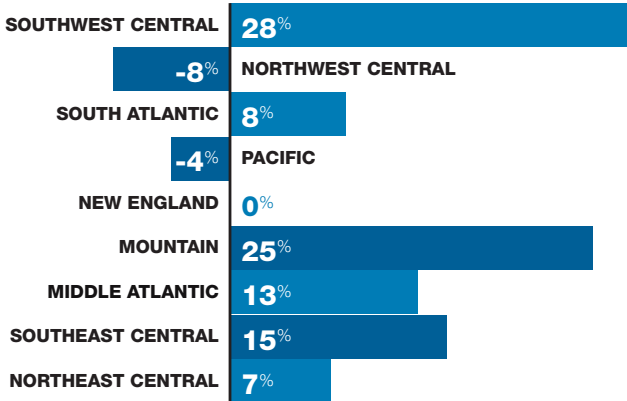
OCT. 2022

1913=100	INDEX VALUE	MONTH	YEAR
MATERIALS COST	5894.04	+0.1%	+19.4%
CEMENT \$/TON	172.48	-1.4%	+14.9%
STEEL \$/CWT	92.74	+1.1%	+26.3%
LUMBER \$/MBF	1092.84	-1.8%	+8.1%

The MCI rose 0.1% since last month, while the annual escalation rate increased 19.4%.

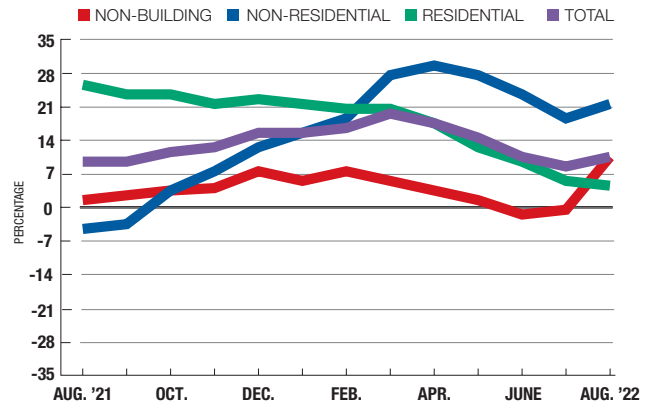
Construction Starts Regional growth trends vs. national trends

SOUTHWEST CENTRAL STARTS UP 15%



SOURCE: DODGE DATA & ANALYTICS. YEAR-TO-YEAR PERCENT CHANGE IN VALUE OF TOTAL PROJECTS STARTED FEBRUARY 2022 FOR 12-MONTH ROLLING TOTALS.

NON-RESIDENTIAL STARTS ON THE RISE



SOURCE: DODGE DATA & ANALYTICS. YEAR-TO-YEAR PERCENT CHANGE FOR 12-MONTH ROLLING NATIONAL TOTAL STARTS.

The total dollar value of new construction starts in Florida in July was 12.2% above July 2021's level, according to Dodge Data & Analytics. The residential sector increased 14.9%, while non-residential work increased 22.3% from the same time last year. Non-building construction decreased 10.2% in the same time period.

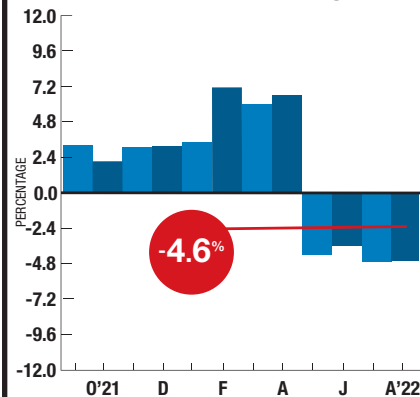
FLORIDA CONSTRUCTION STARTS: \$/MIL.	2022 JUL.	2022 JUN.	2021 JUL.	% CHG. MONTH	% CHG. YEAR
TOTAL CONSTRUCTION	93,798,392	93,301,238	83,603,947	+0.5	+12.2
NON-RESIDENTIAL	21,680,346	21,001,929	17,723,714	+3.2	+22.3
COMMERCIAL, MANUFACTURING	13,094,563	12,677,685	9,925,589	+3.3	+31.9
STORES, SHOPPING CENTERS	2,310,727	2,262,241	1,563,454	+2.1	+47.8
OFFICE, BANK BUILDINGS	1,986,953	1,884,057	1,262,099	+5.5	+57.4
HOTELS, MOTELS	1,032,187	1,021,071	836,935	+1.1	+23.3
MANUFACTURING BUILDINGS	352,200	381,536	351,179	-7.7	+0.3
INSTITUTIONAL	8,585,783	8,324,244	7,798,125	+3.1	+10.1
EDUCATIONAL BUILDINGS	2,511,345	2,476,726	2,476,845	+1.4	+1.4
HEALTH CARE FACILITIES	3,248,497	3,124,537	2,962,034	+4.0	+9.7
RESIDENTIAL	59,333,637	60,171,484	51,640,836	-1.4	+14.9
NON-BUILDING	12,784,409	12,127,825	14,239,397	+5.4	-10.2
HIGHWAYS, BRIDGES	4,969,487	5,390,906	5,118,829	-7.8	-2.9
ENVIRONMENTAL PUBLIC WORKS	3,986,717	3,605,012	3,242,197	+10.6	+23.0
POWER, UTILITIES	1,832,423	1,338,933	4,393,600	+36.9	-58.3

SOURCE: DODGE DATA & ANALYTICS CONSTRUCTION STARTS. TOTALS MAY NOT ADD UP DUE TO EXCLUSION OF OTHER CATEGORIES. 12-MONTH ROLLING TOTALS FOR FLORIDA.

CONSTRUCTION ECONOMICS

The price for aluminum sheet fell 4.6% in August after declining 4.7% in July, according to the Bureau of Labor Statistics' producer price index. The annual index sits at -3.7%. ENR's 20-city average monthly price for aluminum sheet fell 0.6%, with yearly prices rising 18.3% above October 2021's level. The average price for standard structural shapes increased 23.8% from October 2021's prices, while monthly prices increased 0.2% since September. Both types of stainless-steel plate experienced yearly increases, as did all three types of stainless-steel sheet.

PRODUCER PRICE INDEX ALUMINUM SHEET Monthly Percent Change

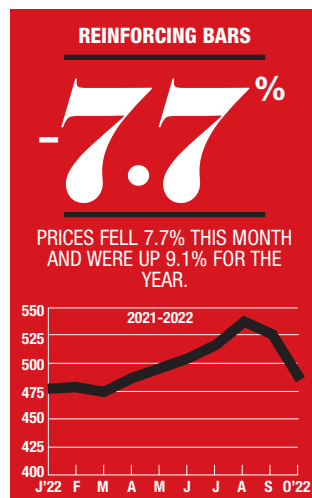


SOURCE: BUREAU OF LABOR STATISTICS

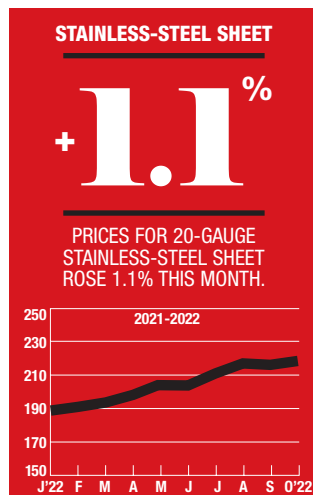
ENR's Materials Prices For October 2022



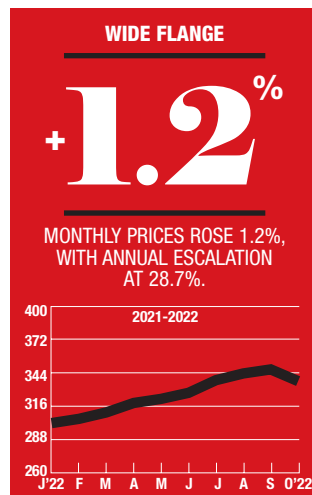
1992=100



1992=100



1992=100



1992=100

20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
STANDARD STRUCTURAL SHAPES				
Average	CWT	92.93	+0.2	+23.8
Channel beams, 6" Deep, 8.2 LB/LF	CWT	86.83	0.0	+20.3
I-beams, 6" Deep, 12.5 LB/LF	CWT	96.97	-0.6	+21.3
Wide-flange, 8" Deep, 31 LB/LF	CWT	94.73	+1.2	+28.7
REINFORCING BARS				
Grade 60, No. 4	CWT	69.65	-7.7	+9.1
HOT-ROLLED CARBON-STEEL PLATE				
12 gauge, 48" x 10'	CWT	87.62	-2.2	+13.3
ALUMINUM SHEET				
3003H14, 36" x 96"	CWT	326.81	-0.6	+18.3
STAINLESS-STEEL SHEET				
14 gauge	CWT	301.46	-0.3	+16.3
16 gauge	CWT	298.71	+0.8	+15.9
20 gauge	CWT	310.78	+1.1	+26.0
STAINLESS-STEEL PLATE				
304, 1/4", 72" x 240"	CWT	289.04	-1.5	+13.9
316, 1/4", 96" x 140"	CWT	345.59	-0.4	+8.0
STEEL PILING (H-PILE)				
HP10 x 42	CWT	37.57	-0.1	-0.4

SOURCE: ENR

PLATTS* STEEL SPOT MARKET PRICES: SEPT. 2022

Reinforcing bar, No. 5	TON	900.00	-10.0	-6.3
Plate	TON	1748.57	-2.9	+0.2

SOURCE: *PLATTS S&P GLOBAL REBAR SOUTHERN U.S.; PLATE PRICES U.S. SOUTHEAST AVERAGE; HOT-ROLLED COIL PRICES INDIANA

CONSTRUCTION ECONOMICS

Structural Steel, Rebar, Building Sheet, Piling For October 2022

City prices reflect quotes from single sources and can be volatile. They are not meant to be the prevailing price for a city. Data are a mix of list and transaction prices and may include ENR estimates. Do not compare prices between locations. Use city information to analyze national trends.

ITEM	UNIT	ATLANTA	BALTIMORE	BIRMINGHAM	BOSTON	CHICAGO	CINCINNATI	CLEVELAND	DALLAS	DENVER	DETROIT
STANDARD STRUCTURAL SHAPES											
AVERAGE	CWT	+89.03	50.99	78.42	94.11	87.41	57.68	48.18	+89.35	88.47	-161.69
CHANNEL BEAMS, 6" DEEP, 8.2 LB/LF	CWT	+85.55	49.48	76.50	90.97	84.60	77.73	49.82	86.45	83.51	-130.44
I-BEAMS, 6" DEEP, 12.5 LB/LF	CWT	+93.43	56	78.29	97.35	90.71	47.8	48.4	91.08	92.74	-180.40
WIDE-FLANGE, 8" DEEP, 31 LB/LF	CWT	+88.12	47.5	80.46	94.00	86.93	47.5	46.32	+90.51	89.15	+174.22
REINFORCING BARS											
GRADE 60, No. 4	CWT	76.73	-70.45	-77.30	+90.33	77.12	-66.75	-63.50	-74.05	79.21	-67.94
HOT-ROLLED CARBON-STEEL PLATE											
12 GAUGE, 48" x 10'	CWT	-92.85	46.12	89.20	109.34	98.73	46.12	44.8	-112.00	-97.25	-125.30
BUILDING SHEET AND PLATE											
ALUM. SHEET, 3003H14, 36" x 96"	CWT	318.92	173.8	280.33	+324.62	-310.44	190	186	-319.42	335.42	-558.40
STAINLESS-STEEL SHEET											
14 GAUGE	CWT	284.50	166.42	245.33	-339	270.04	266.54	162	-273.60	307.84	+610.20
16 GAUGE	CWT	277.21	169.67	240.57	-281	266.83	285.27	164	-271.08	301.96	+638.20
20 GAUGE	CWT	290.97	173.44	235.69	-348	262.96	152	167	+279.25	310.39	+681.40
STAINLESS-STEEL PLATE											
304, ¼", 72" x 240"	CWT	289.00	157	228.73	290.28	-302.51	154	176.76	300.35	285.63	+520.33
316, ¼", 96" x 140"	CWT	240.38	320	293.86	345.49	-342.05	349	238	348.12	320.12	522.40
STEEL PILING: H-PILE											
HP10 x 42	CWT	36.05	44	33.60	38.15	-37.25	33.44	30.22	37.00	41.79	30.42

ITEM	UNIT	KANSAS CITY	LOS ANGELES	MINNEAPOLIS	NEW ORLEANS	NEW YORK	PHILADELPHIA	PITTSBURGH	ST. LOUIS	SAN FRANCISCO	SEATTLE
STANDARD STRUCTURAL SHAPES											
AVERAGE	CWT	44.33	+155	-168.25	+87.68	98.47	-94.11	52.33	44.7	174.00	92.67
CHANNEL BEAMS, 6" DEEP, 8.2 LB/LF	CWT	46.82	+155	-135.05	+85.05	91.20	+87.98	49.48	49	135.00	87.00
I-BEAMS, 6" DEEP, 12.5 LB/LF	CWT	42.84	155	-188.40	+90.52	102.39	+98.05	60	43.1	186.00	96.88
WIDE-FLANGE, 8" DEEP, 31 LB/LF	CWT	43.33	+155	+181.30	+87.48	101.83	-96.30	47.5	42	+201.00	94.12
REINFORCING BARS											
GRADE 60, No. 4	CWT	-68.40	+66.4	-64.20	78.93	-74.35	-76.65	-63.80	-67.23	88.37	71.30
HOT-ROLLED CARBON-STEEL PLATE											
12 GAUGE, 48" x 10'	CWT	43.88	+170	-116.40	81.78	-89.57	-86.02	44	42.5	105.65	108.76
BUILDING SHEET AND PLATE											
ALUM. SHEET, 3003H14, 36" x 96"	CWT	194.88	340	-565.30	315.20	+323.73	-304.48	189	183.88	797.00	325.33
STAINLESS-STEEL SHEET											
14 GAUGE	CWT	160.8	+415	585.45	262.97	290.65	292.08	166	156.25	432.00	342.50
16 GAUGE	CWT	167.1	+415	+614.88	259.75	284.33	286.26	170	157.6	432.96	290.62
20 GAUGE	CWT	169.68	+435	+705.20	256.62	297.10	300.81	173	175.36	433.92	367.89
STAINLESS-STEEL PLATE											
304, ¼", 72" x 240"	CWT	202.1	+460	-460.20	289.04	281.27	272.40	192	197.1	-482.05	272.65
316, ¼", 96" x 140"	CWT	234.1	+450	-505.20	331.95	338.08	329.76	220	202	-541.04	347.83
STEEL PILING: H-PILE											
HP10 x 42	CWT	30.42	83.81	30.56	37.05	36.94	37.19	30.22	30	34.6	38.67

+ OR - DENOTES PRICE HAS RISEN OR FALLEN SINCE PREVIOUS REPORT. ALL PRICES ARE FOR WAREHOUSE OR CITY. STAINLESS-STEEL SHEET PRICES ARE FOR TYPE 304, 2B FINISH, 48 X 120-IN. STEEL PILES ARE HIGH-STRENGTH A572. SOME PRICES MAY INCLUDE TAXES OR DISCOUNTS. PRODUCT SPECIFICATIONS MAY VARY DEPENDING ON WHAT IS MOST COMMONLY USED OR MOST ACCESSIBLE IN A CITY. QUANTITIES ARE GENERALLY TRUCKLOADS.