

ITEM NO.	VDOT Spec Section	ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		Branscome Inc.		The Blair Brothers, Inc.	
					UNIT PRICES	TOTAL PRICE	UNIT PRICES2	TOTAL PRICE3	UNIT PRICES4	TOTAL PRICE5
1	513	Mobilization	1	LS	\$151,000.00	\$151,000.00	\$132,400.00	\$132,400.00	\$149,057.00	\$149,057.00
2	517	Construction Surveying	1	LS	\$18,200.00	\$18,200.00	\$16,139.00	\$16,139.00	\$16,000.00	\$16,000.00
3	315	Asphalt Concrete Type SM-12.5A	1,463	TON	\$100.00	\$146,264.56	\$81.16	\$118,737.08	\$75.81	\$110,910.03
4	315	Asphalt Concrete Type BM-25.0A	2,193	TON	\$80.00	\$175,444.62	\$83.73	\$183,619.89	\$78.67	\$172,523.31
5	305	Aggregate Base Material Type I No. 21A	6,279	TON	\$35.00	\$219,778.88	\$37.00	\$232,323.00	\$28.64	\$179,830.56
6	502	Std. Combination Curb and Gutter CG-7	441	LF	\$20.00	\$8,820.00	\$23.00	\$10,143.00	\$16.01	\$7,060.41
7	502	Radial Combination Curb and Gutter CG-7	1,886	LF	\$25.00	\$47,147.50	\$23.00	\$43,378.00	\$16.01	\$30,194.86
8	502	Std. Curb CG-3	1,201	LF	\$25.00	\$30,025.00	\$17.00	\$20,417.00	\$14.96	\$17,966.96
9	502	Radial Curb CG-3	1,673	LF	\$35.00	\$58,555.00	\$17.00	\$28,441.00	\$14.96	\$25,028.08
10	502	NS Radial Curb Modified CG-3	594	LF	\$35.00	\$20,790.00	\$17.00	\$10,098.00	\$18.90	\$11,226.60
11	502	Concrete Class A4.5	71	CY	\$450.00	\$32,000.00	\$361.00	\$25,631.00	\$556.50	\$39,511.50
12	504	Hydraulic Cement Concrete Sidewalk 4"	750	SY	\$40.00	\$30,004.44	\$42.00	\$31,500.00	\$32.05	\$24,037.50
13	504	CG-12 Detectable Warning Surface	48	SY	\$300.00	\$14,466.67	\$284.00	\$13,632.00	\$131.25	\$6,300.00
14	504	Truncated Domes	13	SY	\$200.00	\$2,577.78	\$284.00	\$3,692.00	\$378.00	\$4,914.00
15	303	Regular Excavation	4,600	CY	\$15.00	\$69,000.00	\$37.75	\$173,650.00	\$28.20	\$129,720.00
16	303	Undercut Excavation	200	CY	\$30.00	\$6,000.00	\$31.00	\$6,200.00	\$40.37	\$8,074.00
17	303	Borrow Excavation	4,800	CY	\$25.00	\$120,000.00	\$19.75	\$94,800.00	\$23.63	\$113,424.00
18	280	Borrow Excavation - Min. CBR-20	1,500	CY	\$30.00	\$45,000.00	\$24.00	\$36,000.00	\$21.53	\$32,295.00
19	602	Topsoil, Class A 4"	1,556	CY	\$30.00	\$46,673.94	\$18.00	\$28,008.00	\$33.08	\$51,472.48
20	301	Clearing and Grubbing	3.1	AC	\$5,000.00	\$15,443.99	\$13,374.00	\$41,459.40	\$15,750.00	\$48,825.00
21	603	Regular Seed	752	LBS	\$12.00	\$9,024.00	\$15.75	\$11,844.00	\$9.10	\$6,843.20
22	603	Lime	11.9	TON	\$150.00	\$1,785.00	\$293.00	\$3,486.70	\$840.00	\$9,996.00
23	603	Fertilizer (15-30-15)	0.9	TON	\$1,550.00	\$1,395.00	\$2,349.00	\$2,114.10	\$1,680.00	\$1,512.00
24	505	Guardrail GR-2A 8' Post	150	LF	\$30.00	\$4,500.00	\$30.00	\$4,500.00	\$23.10	\$3,465.00
25	505	Guardrail Terminal GR-11	1	EA	\$1,000.00	\$1,000.00	\$1,245.00	\$1,245.00	\$945.00	\$945.00
26	505	Alternative Breakaway Cable Terminal (GR-9)	1	EA	\$2,500.00	\$2,500.00	\$3,736.00	\$3,736.00	\$2,835.00	\$2,835.00
27	507	Fence FE-CL	800	LF	\$55.00	\$44,000.00	\$15.50	\$12,400.00	\$16.17	\$12,936.00
28	303	Temporary Silt Fence	3,800	LF	\$2.50	\$9,500.00	\$1.50	\$5,700.00	\$1.58	\$6,004.00
29	303	Allaying Dust	80	HR	\$20.00	\$1,600.00	\$45.00	\$3,600.00	\$75.00	\$6,000.00
30	303	Inlet Protection, Type B	6	EA	\$300.00	\$1,800.00	\$190.00	\$1,140.00	\$367.50	\$2,205.00
31	303	Check Dam, Rock Type 1	5	EA	\$525.00	\$2,625.00	\$234.00	\$1,170.00	\$420.00	\$2,100.00
32	Suppl. Tech.	Fence Tree Protection	2,771	LF	\$2.50	\$6,927.50	\$1.50	\$4,156.50	\$3.15	\$8,728.65
33	508	Demolition of Pavement (Flexible)	5,739	SY	\$8.00	\$45,912.00	\$6.00	\$34,434.00	\$15.59	\$89,471.01
34	508	Demolition of Pavement (Rigid)	2,179	SY	\$15.00	\$32,678.33	\$12.00	\$26,148.00	\$17.69	\$38,546.51
35	315	Sawcut - Asphalt Concrete Pavement	2,529	LF	\$10.00	\$25,290.00	\$1.25	\$3,161.25	\$4.20	\$10,621.80
36	315	Sawcut - Concrete Pavement	88	LF	\$30.00	\$2,640.00	\$6.00	\$528.00	\$5.25	\$462.00
37	510	Remove Fence	1,386	LF	\$6.50	\$9,009.00	\$4.00	\$5,544.00	\$2.63	\$3,645.18
38	510	Remove Sign	11	EA	\$90.00	\$990.00	\$166.00	\$1,826.00	\$36.75	\$404.25
39	510	Relocate Sign	3	EA	\$100.00	\$300.00	\$288.00	\$864.00	\$75.00	\$225.00
40	510	Remove Brick Monument	1	EA	\$200.00	\$200.00	\$929.00	\$929.00	\$2,100.00	\$2,100.00
41	520	Relocate Existing Fire Hydrant	1	EA	\$2,500.00	\$2,500.00	\$2,652.00	\$2,652.00	\$787.50	\$787.50
42	510	Remove Manhole	1	EA	\$300.00	\$300.00	\$3,258.00	\$3,258.00	\$1,312.50	\$1,312.50
43	412	Mill Asphalt Pavement	2,148	SY	\$5.00	\$10,741.67	\$4.50	\$9,666.00	\$3.00	\$6,444.00
44	502	Removal of Combination Curb and Gutter	842	LF	\$10.00	\$8,420.00	\$5.00	\$4,210.00	\$9.45	\$7,956.90
45	502	Removal of Curb	886	LF	\$10.00	\$8,860.00	\$4.00	\$3,544.00	\$8.93	\$7,911.98
46	520	Adjust Utility to Match Finished Grade	1	EA	\$500.00	\$500.00	\$1,475.00	\$1,475.00	\$682.50	\$682.50

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					UNIT PRICES	TOTAL PRICE	UNIT PRICES2	TOTAL PRICE3	UNIT PRICES4	TOTAL PRICE5
47	704	Type B, Class I Pavement Line Marking 4"	3,597	LF	\$1.50	\$5,395.50	\$0.53	\$1,906.41	\$0.59	\$2,122.23
48	704	Type B, Class I Pavement Line Marking 6"	192	LF	\$1.75	\$336.00	\$0.90	\$172.80	\$0.70	\$134.40
49	704	Type B, Class I Pavement Line Marking 8"	4,910	LF	\$2.00	\$9,820.00	\$1.10	\$5,401.00	\$1.18	\$5,793.80
50	704	Type B, Class I Pavement Line Marking 12"	60	LF	\$7.00	\$420.00	\$2.25	\$135.00	\$3.15	\$189.00
51	704	Type B, Class I Pavement Line Marking 24"	1,171	LF	\$10.00	\$11,706.00	\$3.60	\$4,215.60	\$4.20	\$4,918.20
52	704	Pavement Message Marking Elongated Arrow Single, Type B, Class 2	20	EA	\$160.00	\$3,200.00	\$256.00	\$5,120.00	\$204.75	\$4,095.00
53	704	Pavement Message Marking Elongated Arrow Double, Type B, Class 2	8	EA	\$200.00	\$1,600.00	\$398.00	\$3,184.00	\$362.25	\$2,898.00
54	704	Pavement Message Marking Elongated Arrow Triple, Type B, Class 2	4	EA	\$225.00	\$900.00	\$449.00	\$1,796.00	\$577.50	\$2,310.00
55	704	Pavement Message Marking Yield Triangles, Type B, Class 2	28	EA	\$25.00	\$700.00	\$57.00	\$1,596.00	\$78.75	\$2,205.00
56	701	Sign Panel	312	SF	\$35.00	\$10,934.00	\$28.00	\$8,736.00	\$24.25	\$7,566.00
57	701	Sign Post STP-1, 2"	44	EA	\$25.00	\$1,100.00	\$142.00	\$6,248.00	\$158.00	\$6,952.00
58	701	Sign Post STP-1, 2.5"	4	EA	\$30.00	\$120.00	\$165.00	\$660.00	\$160.00	\$640.00
59	520	Sanitary Sewer Pipe (8" DI)	399	LF	\$155.00	\$61,845.00	\$124.00	\$49,476.00	\$222.60	\$88,817.40
60	520	Sanitary Sewer Manhole (48" Diameter)	2	EA	\$5,000.00	\$10,000.00	\$6,161.00	\$12,322.00	\$5,250.00	\$10,500.00
61	520	Manhole Frame & Cover (Standard)	2	EA	\$750.00	\$1,500.00	\$722.00	\$1,444.00	\$787.50	\$1,575.00
62	520	16" DI (Restrained Joint Pipe)	278	LF	\$200.00	\$55,600.00	\$124.00	\$34,472.00	\$196.35	\$54,585.30
63	520	16" Butterfly Valves	3	EA	\$3,000.00	\$9,000.00	\$3,297.00	\$9,891.00	\$3,753.75	\$11,261.25
64	520	16" x 16" Tee (Cut In)	2	EA	\$10,000.00	\$20,000.00	\$2,791.00	\$5,582.00	\$9,660.00	\$19,320.00
65	520	16" Cap	2	EA	\$1,500.00	\$3,000.00	\$424.00	\$848.00	\$577.50	\$1,155.00
66	520	Fire Hydrant Assemblies	2	EA	\$5,500.00	\$11,000.00	\$6,057.00	\$12,114.00	\$4,725.00	\$9,450.00
67	520	2" Schedule 40 PVC	96	LF	\$15.00	\$1,440.00	\$13.00	\$1,248.00	\$26.25	\$2,520.00
68	512	Group 2 Channelizing Devices	75,200	DAY	\$1.00	\$75,200.00	\$0.28	\$21,056.00	\$0.55	\$41,360.00
69	512	Construction Pavement Marking (Ty. F Cl. I - 4")	10,000	LF	\$0.50	\$5,000.00	\$0.27	\$2,700.00	\$0.26	\$2,600.00
70	512	Construction Pavement Marking (Ty. F Cl. I - 24")	400	LF	\$2.50	\$1,000.00	\$2.56	\$1,024.00	\$3.15	\$1,260.00
71	512	Construction Pavement Marking Ty. D Elongated Arrow	60	EA	\$125.00	\$7,500.00	\$51.00	\$3,060.00	\$110.25	\$6,615.00
72	512	Electronic Arrow	400	HR	\$10.00	\$4,000.00	\$8.00	\$3,200.00	\$25.00	\$10,000.00
73	512	Traffic Barrier Service	200	LF	\$50.00	\$10,000.00	\$36.00	\$7,200.00	\$78.75	\$15,750.00
74	512	Flagger Service	120	HR	\$25.00	\$3,000.00	\$41.00	\$4,920.00	\$141.75	\$17,010.00
75	512	Construction signs	1,330	SF	\$15.00	\$19,950.00	\$34.00	\$45,220.00	\$26.25	\$34,912.50
76	Suppl. Tech.	Filter Media	465	CY	\$55.00	\$25,575.00	\$33.00	\$15,345.00	\$68.25	\$31,736.25
77	302	NS Shallow Depth Curb Inlet	2	EA	\$5,000.00	\$10,000.00	\$3,216.00	\$6,432.00	\$3,937.50	\$7,875.00
78	302	NS DI-3B Top, L=4'	1	EA	\$2,000.00	\$2,000.00	\$4,630.00	\$4,630.00	\$2,625.00	\$2,625.00
79	302	Drop Inlet DI-3B, L=4'	1	EA	\$5,000.00	\$5,000.00	\$4,630.00	\$4,630.00	\$5,381.25	\$5,381.25
80	302	Drop Inlet DI-3B, L=6'	1	EA	\$5,500.00	\$5,500.00	\$4,600.00	\$4,600.00	\$5,355.00	\$5,355.00
81	320	Drop Inlet DI-3BB, L=4'	1	EA	\$6,500.00	\$6,500.00	\$8,630.00	\$8,630.00	\$12,337.50	\$12,337.50
82	302	15" Concrete Pipe	415	LF	\$60.00	\$24,900.00	\$96.00	\$39,840.00	\$84.00	\$34,860.00
83	302	15" End Section ES-1	3	EA	\$900.00	\$2,700.00	\$1,620.00	\$4,860.00	\$1,050.00	\$3,150.00
84	204	Dry Riprap, Class I 18"	190	SY	\$56.00	\$10,640.00	\$70.00	\$13,300.00	\$95.00	\$18,050.00
85	314	Coarse Aggregate No. 8 (3" Depth)	86	TONS	\$40.00	\$3,440.00	\$56.00	\$4,816.00	\$56.66	\$4,872.76
86	504	Bedding Material No. 57 (18" Depth)	720	TONS	\$41.00	\$29,520.00	\$38.00	\$27,360.00	\$51.28	\$36,921.60
87	107	Landscape	1	LS	\$10,000.00	\$10,000.00	\$84,000.00	\$84,000.00	\$100,200.00	\$100,200.00
TOTAL BID						\$1,973,231.38		\$1,876,990.73		\$2,044,391.71

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					UNIT PRICES	TOTAL PRICE	UNIT PRICES6	TOTAL PRICE7	UNIT PRICES8	TOTAL PRICE9
1	513	Mobilization	1	LS	\$151,000.00	\$151,000.00	\$100,000.00	\$100,000.00	\$140,000.00	\$140,000.00
2	517	Construction Surveying	1	LS	\$18,200.00	\$18,200.00	\$23,100.00	\$23,100.00	\$29,997.00	\$29,997.00
3	315	Asphalt Concrete Type SM-12.5A	1,463	TON	\$100.00	\$146,264.56	\$83.30	\$121,867.90	\$90.00	\$131,670.00
4	315	Asphalt Concrete Type BM-25.0A	2,193	TON	\$80.00	\$175,444.62	\$78.60	\$172,369.80	\$96.00	\$210,528.00
5	305	Aggregate Base Material Type I No. 21A	6,279	TON	\$35.00	\$219,778.88	\$40.30	\$253,043.70	\$47.00	\$295,113.00
6	502	Std. Combination Curb and Gutter CG-7	441	LF	\$20.00	\$8,820.00	\$21.20	\$9,349.20	\$22.00	\$9,702.00
7	502	Radial Combination Curb and Gutter CG-7	1,886	LF	\$25.00	\$47,147.50	\$21.20	\$39,983.20	\$22.00	\$41,492.00
8	502	Std. Curb CG-3	1,201	LF	\$25.00	\$30,025.00	\$16.00	\$19,216.00	\$19.00	\$22,819.00
9	502	Radial Curb CG-3	1,673	LF	\$35.00	\$58,555.00	\$16.00	\$26,768.00	\$19.00	\$31,787.00
10	502	NS Radial Curb Modified CG-3	594	LF	\$35.00	\$20,790.00	\$16.00	\$9,504.00	\$22.00	\$13,068.00
11	502	Concrete Class A4.5	71	CY	\$450.00	\$32,000.00	\$318.00	\$22,578.00	\$400.00	\$28,400.00
12	504	Hydraulic Cement Concrete Sidewalk 4"	750	SY	\$40.00	\$30,004.44	\$29.70	\$22,275.00	\$40.00	\$30,000.00
13	504	CG-12 Detectable Warning Surface	48	SY	\$300.00	\$14,466.67	\$265.00	\$12,720.00	\$126.00	\$6,048.00
14	504	Truncated Domes	13	SY	\$200.00	\$2,577.78	\$265.00	\$3,445.00	\$259.00	\$3,367.00
15	303	Regular Excavation	4,600	CY	\$15.00	\$69,000.00	\$33.50	\$154,100.00	\$54.00	\$248,400.00
16	303	Undercut Excavation	200	CY	\$30.00	\$6,000.00	\$54.30	\$10,860.00	\$35.00	\$7,000.00
17	303	Borrow Excavation	4,800	CY	\$25.00	\$120,000.00	\$26.80	\$128,640.00	\$20.00	\$96,000.00
18	280	Borrow Excavation - Min. CBR-20	1,500	CY	\$30.00	\$45,000.00	\$26.80	\$40,200.00	\$20.00	\$30,000.00
19	602	Topsoil, Class A 4"	1,556	CY	\$30.00	\$46,673.94	\$38.00	\$59,128.00	\$40.00	\$62,240.00
20	301	Clearing and Grubbing	3.1	AC	\$5,000.00	\$15,443.99	\$17,500.00	\$54,250.00	\$15,000.00	\$46,500.00
21	603	Regular Seed	752	LBS	\$12.00	\$9,024.00	\$13.30	\$10,001.60	\$16.00	\$12,032.00
22	603	Lime	11.9	TON	\$150.00	\$1,785.00	\$425.00	\$5,057.50	\$360.00	\$4,284.00
23	603	Fertilizer (15-30-15)	0.9	TON	\$1,550.00	\$1,395.00	\$2,120.00	\$1,908.00	\$2,400.00	\$2,160.00
24	505	Guardrail GR-2A 8' Post	150	LF	\$30.00	\$4,500.00	\$23.30	\$3,495.00	\$32.00	\$4,800.00
25	505	Guardrail Terminal GR-11	1	EA	\$1,000.00	\$1,000.00	\$955.00	\$955.00	\$1,250.00	\$1,250.00
26	505	Alternative Breakaway Cable Terminal (GR-9)	1	EA	\$2,500.00	\$2,500.00	\$2,870.00	\$2,870.00	\$3,500.00	\$3,500.00
27	507	Fence FE-CL	800	LF	\$55.00	\$44,000.00	\$14.72	\$11,776.00	\$15.00	\$12,000.00
28	303	Temporary Silt Fence	3,800	LF	\$2.50	\$9,500.00	\$0.95	\$3,610.00	\$2.00	\$7,600.00
29	303	Allaying Dust	80	HR	\$20.00	\$1,600.00	\$62.10	\$4,968.00	\$60.00	\$4,800.00
30	303	Inlet Protection, Type B	6	EA	\$300.00	\$1,800.00	\$66.60	\$399.60	\$163.00	\$978.00
31	303	Check Dam, Rock Type 1	5	EA	\$525.00	\$2,625.00	\$1,060.00	\$5,300.00	\$2,500.00	\$12,500.00
32	Suppl. Tech.	Fence Tree Protection	2,771	LF	\$2.50	\$6,927.50	\$0.87	\$2,410.77	\$2.00	\$5,542.00
33	508	Demolition of Pavement (Flexible)	5,739	SY	\$8.00	\$45,912.00	\$13.10	\$75,180.90	\$3.00	\$17,217.00
34	508	Demolition of Pavement (Rigid)	2,179	SY	\$15.00	\$32,678.33	\$21.80	\$47,502.20	\$5.00	\$10,895.00
35	315	Sawcut - Asphalt Concrete Pavement	2,529	LF	\$10.00	\$25,290.00	\$1.10	\$2,781.90	\$2.00	\$5,058.00
36	315	Sawcut - Concrete Pavement	88	LF	\$30.00	\$2,640.00	\$4.20	\$369.60	\$6.00	\$528.00
37	510	Remove Fence	1,386	LF	\$6.50	\$9,009.00	\$8.95	\$12,404.70	\$4.00	\$5,544.00
38	510	Remove Sign	11	EA	\$90.00	\$990.00	\$315.57	\$3,471.27	\$120.00	\$1,320.00
39	510	Relocate Sign	3	EA	\$100.00	\$300.00	\$320.37	\$961.11	\$300.00	\$900.00
40	510	Remove Brick Monument	1	EA	\$200.00	\$200.00	\$3,100.00	\$3,100.00	\$650.00	\$650.00
41	520	Relocate Existing Fire Hydrant	1	EA	\$2,500.00	\$2,500.00	\$2,640.00	\$2,640.00	\$5,407.00	\$5,407.00
42	510	Remove Manhole	1	EA	\$300.00	\$300.00	\$3,310.00	\$3,310.00	\$2,338.00	\$2,338.00
43	412	Mill Asphalt Pavement	2,148	SY	\$5.00	\$10,741.67	\$5.30	\$11,384.40	\$12.00	\$25,776.00
44	502	Removal of Combination Curb and Gutter	842	LF	\$10.00	\$8,420.00	\$5.50	\$4,631.00	\$4.00	\$3,368.00
45	502	Removal of Curb	886	LF	\$10.00	\$8,860.00	\$5.30	\$4,695.80	\$5.00	\$4,430.00
46	520	Adjust Utility to Match Finished Grade	1	EA	\$500.00	\$500.00	\$315.00	\$315.00	\$800.00	\$800.00

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					UNIT PRICES	TOTAL PRICE	UNIT PRICES6	TOTAL PRICE7	UNIT PRICES8	TOTAL PRICE9
47	704	Type B, Class I Pavement Line Marking 4"	3,597	LF	\$1.50	\$5,395.50	\$0.50	\$1,798.50	\$1.00	\$3,597.00
48	704	Type B, Class I Pavement Line Marking 6"	192	LF	\$1.75	\$336.00	\$0.85	\$163.20	\$1.00	\$192.00
49	704	Type B, Class I Pavement Line Marking 8"	4,910	LF	\$2.00	\$9,820.00	\$1.10	\$5,401.00	\$1.00	\$4,910.00
50	704	Type B, Class I Pavement Line Marking 12"	60	LF	\$7.00	\$420.00	\$2.10	\$126.00	\$2.00	\$120.00
51	704	Type B, Class I Pavement Line Marking 24"	1,171	LF	\$10.00	\$11,706.00	\$3.30	\$3,864.30	\$4.00	\$4,684.00
52	704	Pavement Message Marking Elongated Arrow Single, Type B, Class 2	20	EA	\$160.00	\$3,200.00	\$239.00	\$4,780.00	\$270.00	\$5,400.00
53	704	Pavement Message Marking Elongated Arrow Double, Type B, Class 2	8	EA	\$200.00	\$1,600.00	\$371.00	\$2,968.00	\$420.00	\$3,360.00
54	704	Pavement Message Marking Elongated Arrow Triple, Type B, Class 2	4	EA	\$225.00	\$900.00	\$419.00	\$1,676.00	\$474.00	\$1,896.00
55	704	Pavement Message Marking Yield Triangles, Type B, Class 2	28	EA	\$25.00	\$700.00	\$53.10	\$1,486.80	\$60.00	\$1,680.00
56	701	Sign Panel	312	SF	\$35.00	\$10,934.00	\$25.70	\$8,018.40	\$29.00	\$9,048.00
57	701	Sign Post STP-1, 2"	44	EA	\$25.00	\$1,100.00	\$133.00	\$5,852.00	\$150.00	\$6,600.00
58	701	Sign Post STP-1, 2.5"	4	EA	\$30.00	\$120.00	\$154.00	\$616.00	\$174.00	\$696.00
59	520	Sanitary Sewer Pipe (8" DI)	399	LF	\$155.00	\$61,845.00	\$130.00	\$51,870.00	\$140.00	\$55,860.00
60	520	Sanitary Sewer Manhole (48" Diameter)	2	EA	\$5,000.00	\$10,000.00	\$4,390.00	\$8,780.00	\$14,454.00	\$28,908.00
61	520	Manhole Frame & Cover (Standard)	2	EA	\$750.00	\$1,500.00	\$537.00	\$1,074.00	\$762.00	\$1,524.00
62	520	16" DI (Restrained Joint Pipe)	278	LF	\$200.00	\$55,600.00	\$161.00	\$44,758.00	\$157.00	\$43,646.00
63	520	16" Butterfly Valves	3	EA	\$3,000.00	\$9,000.00	\$5,040.00	\$15,120.00	\$4,062.00	\$12,186.00
64	520	16" x 16" Tee (Cut In)	2	EA	\$10,000.00	\$20,000.00	\$7,850.00	\$15,700.00	\$6,000.00	\$12,000.00
65	520	16" Cap	2	EA	\$1,500.00	\$3,000.00	\$671.00	\$1,342.00	\$650.00	\$1,300.00
66	520	Fire Hydrant Assemblies	2	EA	\$5,500.00	\$11,000.00	\$7,170.00	\$14,340.00	\$8,000.00	\$16,000.00
67	520	2" Schedule 40 PVC	96	LF	\$15.00	\$1,440.00	\$34.20	\$3,283.20	\$35.00	\$3,360.00
68	512	Group 2 Channelizing Devices	75,200	DAY	\$1.00	\$75,200.00	\$0.96	\$72,192.00	\$0.40	\$30,080.00
69	512	Construction Pavement Marking (Ty. F Cl. I - 4")	10,000	LF	\$0.50	\$5,000.00	\$0.26	\$2,600.00	\$0.25	\$2,500.00
70	512	Construction Pavement Marking (Ty. F Cl. I - 24")	400	LF	\$2.50	\$1,000.00	\$2.40	\$960.00	\$3.00	\$1,200.00
71	512	Construction Pavement Marking Ty. D Elongated Arrow	60	EA	\$125.00	\$7,500.00	\$47.80	\$2,868.00	\$54.00	\$3,240.00
72	512	Electronic Arrow	400	HR	\$10.00	\$4,000.00	\$83.90	\$33,560.00	\$2.00	\$800.00
73	512	Traffic Barrier Service	200	LF	\$50.00	\$10,000.00	\$38.50	\$7,700.00	\$39.00	\$7,800.00
74	512	Flagger Service	120	HR	\$25.00	\$3,000.00	\$19.60	\$2,352.00	\$54.00	\$6,480.00
75	512	Construction signs	1,330	SF	\$15.00	\$19,950.00	\$4.00	\$5,320.00	\$30.00	\$39,900.00
76	Suppl. Tech.	Filter Media	465	CY	\$55.00	\$25,575.00	\$65.40	\$30,411.00	\$75.00	\$34,875.00
77	302	NS Shallow Depth Curb Inlet	2	EA	\$5,000.00	\$10,000.00	\$5,080.00	\$10,160.00	\$4,000.00	\$8,000.00
78	302	NS DI-3B Top, L=4'	1	EA	\$2,000.00	\$2,000.00	\$3,780.00	\$3,780.00	\$4,000.00	\$4,000.00
79	302	Drop Inlet DI-3B, L=4'	1	EA	\$5,000.00	\$5,000.00	\$5,280.00	\$5,280.00	\$5,000.00	\$5,000.00
80	302	Drop Inlet DI-3B, L=6'	1	EA	\$5,500.00	\$5,500.00	\$5,520.00	\$5,520.00	\$5,000.00	\$5,000.00
81	320	Drop Inlet DI-3BB, L=4'	1	EA	\$6,500.00	\$6,500.00	\$12,300.00	\$12,300.00	\$12,500.00	\$12,500.00
82	302	15" Concrete Pipe	415	LF	\$60.00	\$24,900.00	\$234.00	\$97,110.00	\$69.00	\$28,635.00
83	302	15" End Section ES-1	3	EA	\$900.00	\$2,700.00	\$2,040.00	\$6,120.00	\$1,100.00	\$3,300.00
84	204	Dry Riprap, Class I 18"	190	SY	\$56.00	\$10,640.00	\$95.20	\$18,088.00	\$75.00	\$14,250.00
85	314	Coarse Aggregate No. 8 (3" Depth)	86	TONS	\$40.00	\$3,440.00	\$100.00	\$8,600.00	\$75.00	\$6,450.00
86	504	Bedding Material No. 57 (18" Depth)	720	TONS	\$41.00	\$29,520.00	\$105.00	\$75,600.00	\$75.00	\$54,000.00
87	107	Landscape	1	LS	\$10,000.00	\$10,000.00	\$106,000.00	\$106,000.00	\$120,000.00	\$120,000.00
TOTAL BID						\$1,973,231.38		\$2,208,435.55		\$2,244,785.00

ITEM NO.	VDOT Spec Section	ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		Shamrock Construction Corporation		Vico Construction Company	
					UNIT PRICES	TOTAL PRICE	UNIT PRICES10	TOTAL PRICE11	UNIT PRICES12	TOTAL PRICE13
1	513	Mobilization	1	LS	\$151,000.00	\$151,000.00	\$133,768.00	\$133,768.00	\$390,570.00	\$390,570.00
2	517	Construction Surveying	1	LS	\$18,200.00	\$18,200.00	\$30,000.00	\$30,000.00	\$22,882.00	\$22,882.00
3	315	Asphalt Concrete Type SM-12.5A	1,463	TON	\$100.00	\$146,264.56	\$98.00	\$143,374.00	\$94.00	\$137,522.00
4	315	Asphalt Concrete Type BM-25.0A	2,193	TON	\$80.00	\$175,444.62	\$93.00	\$203,949.00	\$97.00	\$212,721.00
5	305	Aggregate Base Material Type I No. 21A	6,279	TON	\$35.00	\$219,778.88	\$30.00	\$188,370.00	\$34.00	\$213,486.00
6	502	Std. Combination Curb and Gutter CG-7	441	LF	\$20.00	\$8,820.00	\$40.00	\$17,640.00	\$27.00	\$11,907.00
7	502	Radial Combination Curb and Gutter CG-7	1,886	LF	\$25.00	\$47,147.50	\$42.00	\$79,212.00	\$55.00	\$103,730.00
8	502	Std. Curb CG-3	1,201	LF	\$25.00	\$30,025.00	\$39.00	\$46,839.00	\$19.00	\$22,819.00
9	502	Radial Curb CG-3	1,673	LF	\$35.00	\$58,555.00	\$41.00	\$68,593.00	\$47.00	\$78,631.00
10	502	NS Radial Curb Modified CG-3	594	LF	\$35.00	\$20,790.00	\$45.00	\$26,730.00	\$47.00	\$27,918.00
11	502	Concrete Class A4.5	71	CY	\$450.00	\$32,000.00	\$500.00	\$35,500.00	\$996.00	\$70,716.00
12	504	Hydraulic Cement Concrete Sidewalk 4"	750	SY	\$40.00	\$30,004.44	\$50.00	\$37,500.00	\$80.00	\$60,000.00
13	504	CG-12 Detectable Warning Surface	48	SY	\$300.00	\$14,466.67	\$200.00	\$9,600.00	\$218.00	\$10,464.00
14	504	Truncated Domes	13	SY	\$200.00	\$2,577.78	\$200.00	\$2,600.00	\$10.00	\$130.00
15	303	Regular Excavation	4,600	CY	\$15.00	\$69,000.00	\$15.00	\$69,000.00	\$30.00	\$138,000.00
16	303	Undercut Excavation	200	CY	\$30.00	\$6,000.00	\$15.00	\$3,000.00	\$30.00	\$6,000.00
17	303	Borrow Excavation	4,800	CY	\$25.00	\$120,000.00	\$15.00	\$72,000.00	\$30.00	\$144,000.00
18	280	Borrow Excavation - Min. CBR-20	1,500	CY	\$30.00	\$45,000.00	\$30.00	\$45,000.00	\$35.00	\$52,500.00
19	602	Topsoil, Class A 4"	1,556	CY	\$30.00	\$46,673.94	\$50.00	\$77,800.00	\$34.00	\$52,904.00
20	301	Clearing and Grubbing	3.1	AC	\$5,000.00	\$15,443.99	\$15,000.00	\$46,500.00	\$14,026.00	\$43,480.60
21	603	Regular Seed	752	LBS	\$12.00	\$9,024.00	\$15.00	\$11,280.00	\$0.60	\$451.20
22	603	Lime	11.9	TON	\$150.00	\$1,785.00	\$400.00	\$4,760.00	\$139.00	\$1,654.10
23	603	Fertilizer (15-30-15)	0.9	TON	\$1,550.00	\$1,395.00	\$1,000.00	\$900.00	\$291.00	\$261.90
24	505	Guardrail GR-2A 8' Post	150	LF	\$30.00	\$4,500.00	\$25.00	\$3,750.00	\$26.00	\$3,900.00
25	505	Guardrail Terminal GR-11	1	EA	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,046.00	\$1,046.00
26	505	Alternative Breakaway Cable Terminal (GR-9)	1	EA	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,138.00	\$3,138.00
27	507	Fence FE-CL	800	LF	\$55.00	\$44,000.00	\$15.00	\$12,000.00	\$16.00	\$12,800.00
28	303	Temporary Silt Fence	3,800	LF	\$2.50	\$9,500.00	\$1.00	\$3,800.00	\$4.00	\$15,200.00
29	303	Allaying Dust	80	HR	\$20.00	\$1,600.00	\$50.00	\$4,000.00	\$76.00	\$6,080.00
30	303	Inlet Protection, Type B	6	EA	\$300.00	\$1,800.00	\$300.00	\$1,800.00	\$280.00	\$1,680.00
31	303	Check Dam, Rock Type 1	5	EA	\$525.00	\$2,625.00	\$500.00	\$2,500.00	\$1,279.00	\$6,395.00
32	Suppl. Tech.	Fence Tree Protection	2,771	LF	\$2.50	\$6,927.50	\$1.00	\$2,771.00	\$5.00	\$13,855.00
33	508	Demolition of Pavement (Flexible)	5,739	SY	\$8.00	\$45,912.00	\$12.00	\$68,868.00	\$28.00	\$160,692.00
34	508	Demolition of Pavement (Rigid)	2,179	SY	\$15.00	\$32,678.33	\$20.00	\$43,580.00	\$7.00	\$15,253.00
35	315	Sawcut - Asphalt Concrete Pavement	2,529	LF	\$10.00	\$25,290.00	\$5.00	\$12,645.00	\$8.00	\$20,232.00
36	315	Sawcut - Concrete Pavement	88	LF	\$30.00	\$2,640.00	\$10.00	\$880.00	\$17.00	\$1,496.00
37	510	Remove Fence	1,386	LF	\$6.50	\$9,009.00	\$5.00	\$6,930.00	\$6.00	\$8,316.00
38	510	Remove Sign	11	EA	\$90.00	\$990.00	\$100.00	\$1,100.00	\$58.00	\$638.00
39	510	Relocate Sign	3	EA	\$100.00	\$300.00	\$100.00	\$300.00	\$116.00	\$348.00
40	510	Remove Brick Monument	1	EA	\$200.00	\$200.00	\$1,000.00	\$1,000.00	\$291.00	\$291.00
41	520	Relocate Existing Fire Hydrant	1	EA	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$9,058.00	\$9,058.00
42	510	Remove Manhole	1	EA	\$300.00	\$300.00	\$1,000.00	\$1,000.00	\$753.00	\$753.00
43	412	Mill Asphalt Pavement	2,148	SY	\$5.00	\$10,741.67	\$4.00	\$8,592.00	\$4.00	\$8,592.00
44	502	Removal of Combination Curb and Gutter	842	LF	\$10.00	\$8,420.00	\$10.00	\$8,420.00	\$11.00	\$9,262.00
45	502	Removal of Curb	886	LF	\$10.00	\$8,860.00	\$10.00	\$8,860.00	\$11.00	\$9,746.00
46	520	Adjust Utility to Match Finished Grade	1	EA	\$500.00	\$500.00	\$500.00	\$500.00	\$466.00	\$466.00

ITEM NO.	VDOT Spec Section	ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		Shamrock Construction Corporation		Vico Construction Company	
					UNIT PRICES	TOTAL PRICE	UNIT PRICES10	TOTAL PRICE11	UNIT PRICES12	TOTAL PRICE13
47	704	Type B, Class I Pavement Line Marking 4"	3,597	LF	\$1.50	\$5,395.50	\$1.00	\$3,597.00	\$0.60	\$2,158.20
48	704	Type B, Class I Pavement Line Marking 6"	192	LF	\$1.75	\$336.00	\$1.00	\$192.00	\$0.90	\$172.80
49	704	Type B, Class I Pavement Line Marking 8"	4,910	LF	\$2.00	\$9,820.00	\$1.50	\$7,365.00	\$1.10	\$5,401.00
50	704	Type B, Class I Pavement Line Marking 12"	60	LF	\$7.00	\$420.00	\$4.00	\$240.00	\$2.30	\$138.00
51	704	Type B, Class I Pavement Line Marking 24"	1,171	LF	\$10.00	\$11,706.00	\$5.00	\$5,855.00	\$3.70	\$4,332.70
52	704	Pavement Message Marking Elongated Arrow Single, Type B, Class 2	20	EA	\$160.00	\$3,200.00	\$220.00	\$4,400.00	\$2.60	\$52.00
53	704	Pavement Message Marking Elongated Arrow Double, Type B, Class 2	8	EA	\$200.00	\$1,600.00	\$400.00	\$3,200.00	\$406.00	\$3,248.00
54	704	Pavement Message Marking Elongated Arrow Triple, Type B, Class 2	4	EA	\$225.00	\$900.00	\$600.00	\$2,400.00	\$460.00	\$1,840.00
55	704	Pavement Message Marking Yield Triangles, Type B, Class 2	28	EA	\$25.00	\$700.00	\$100.00	\$2,800.00	\$58.00	\$1,624.00
56	701	Sign Panel	312	SF	\$35.00	\$10,934.00	\$35.00	\$10,920.00	\$28.00	\$8,736.00
57	701	Sign Post STP-1, 2"	44	EA	\$25.00	\$1,100.00	\$300.00	\$13,200.00	\$145.00	\$6,380.00
58	701	Sign Post STP-1, 2.5"	4	EA	\$30.00	\$120.00	\$325.00	\$1,300.00	\$169.00	\$676.00
59	520	Sanitary Sewer Pipe (8" DI)	399	LF	\$155.00	\$61,845.00	\$310.00	\$123,690.00	\$141.00	\$56,259.00
60	520	Sanitary Sewer Manhole (48" Diameter)	2	EA	\$5,000.00	\$10,000.00	\$15,000.00	\$30,000.00	\$4,330.00	\$8,660.00
61	520	Manhole Frame & Cover (Standard)	2	EA	\$750.00	\$1,500.00	\$1,500.00	\$3,000.00	\$1,199.00	\$2,398.00
62	520	16" DI (Restrained Joint Pipe)	278	LF	\$200.00	\$55,600.00	\$285.00	\$79,230.00	\$197.00	\$54,766.00
63	520	16" Butterfly Valves	3	EA	\$3,000.00	\$9,000.00	\$5,000.00	\$15,000.00	\$2,896.00	\$8,688.00
64	520	16" x 16" Tee (Cut In)	2	EA	\$10,000.00	\$20,000.00	\$8,500.00	\$17,000.00	\$9,299.00	\$18,598.00
65	520	16" Cap	2	EA	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,255.00	\$2,510.00
66	520	Fire Hydrant Assemblies	2	EA	\$5,500.00	\$11,000.00	\$7,000.00	\$14,000.00	\$5,788.00	\$11,576.00
67	520	2" Schedule 40 PVC	96	LF	\$15.00	\$1,440.00	\$20.00	\$1,920.00	\$66.00	\$6,336.00
68	512	Group 2 Channelizing Devices	75,200	DAY	\$1.00	\$75,200.00	\$0.50	\$37,600.00	\$0.60	\$45,120.00
69	512	Construction Pavement Marking (Ty. F Cl. I - 4")	10,000	LF	\$0.50	\$5,000.00	\$0.50	\$5,000.00	\$0.30	\$3,000.00
70	512	Construction Pavement Marking (Ty. F Cl. I - 24")	400	LF	\$2.50	\$1,000.00	\$4.00	\$1,600.00	\$2.60	\$1,040.00
71	512	Construction Pavement Marking Ty. D Elongated Arrow	60	EA	\$125.00	\$7,500.00	\$125.00	\$7,500.00	\$52.00	\$3,120.00
72	512	Electronic Arrow	400	HR	\$10.00	\$4,000.00	\$5.00	\$2,000.00	\$52.00	\$20,800.00
73	512	Traffic Barrier Service	200	LF	\$50.00	\$10,000.00	\$100.00	\$20,000.00	\$116.00	\$23,200.00
74	512	Flagger Service	120	HR	\$25.00	\$3,000.00	\$25.00	\$3,000.00	\$52.00	\$6,240.00
75	512	Construction signs	1,330	SF	\$15.00	\$19,950.00	\$20.00	\$26,600.00	\$11.00	\$14,630.00
76	Suppl. Tech.	Filter Media	465	CY	\$55.00	\$25,575.00	\$40.00	\$18,600.00	\$82.00	\$38,130.00
77	302	NS Shallow Depth Curb Inlet	2	EA	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$3,486.00	\$6,972.00
78	302	NS DI-3B Top, L=4'	1	EA	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$2,484.00	\$2,484.00
79	302	Drop Inlet DI-3B, L=4'	1	EA	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$3,992.00	\$3,992.00
80	302	Drop Inlet DI-3B, L=6'	1	EA	\$5,500.00	\$5,500.00	\$6,000.00	\$6,000.00	\$4,125.00	\$4,125.00
81	320	Drop Inlet DI-3BB, L=4'	1	EA	\$6,500.00	\$6,500.00	\$17,000.00	\$17,000.00	\$7,005.00	\$7,005.00
82	302	15" Concrete Pipe	415	LF	\$60.00	\$24,900.00	\$110.00	\$45,650.00	\$76.00	\$31,540.00
83	302	15" End Section ES-1	3	EA	\$900.00	\$2,700.00	\$2,000.00	\$6,000.00	\$740.00	\$2,220.00
84	204	Dry Riprap, Class I 18"	190	SY	\$56.00	\$10,640.00	\$82.00	\$15,580.00	\$109.00	\$20,710.00
85	314	Coarse Aggregate No. 8 (3" Depth)	86	TONS	\$40.00	\$3,440.00	\$50.00	\$4,300.00	\$63.00	\$5,418.00
86	504	Bedding Material No. 57 (18" Depth)	720	TONS	\$41.00	\$29,520.00	\$50.00	\$36,000.00	\$59.00	\$42,480.00
87	107	Landscape	1	LS	\$10,000.00	\$10,000.00	\$110,000.00	\$110,000.00	\$241,579.00	\$241,579.00
TOTAL BID						\$1,973,231.38		\$2,279,950.00		\$2,840,339.50