

City of Ferndale Main Street Phase 2a Project - 3rd to Washington 2095 Main Street Ferndale, Washington 98248				ENGINEER'S ESTIMATE eichhardt & Ebe Engineering, Inc 423 Front Street Lynden, WA 98224 Phone: (360) 354-3687		Strider Construction 4721 Northwest Rd Bellingham, WA 98226 Phone: (360) 380-1234		MATHEMATICAL ERROR Interwest Construction Inc. (ICI) 651 North Hill Blvd. Burlington, WA 98233 Phone: (360) 757-7574		MATHEMATICAL ERROR Faber Brother Construction 131 E. Grover Lynden, WA 98264 Phone: (360) 354-3500		Colacurcio Brothers Construction 3287 H Street Rd. Blaine, WA 98230 Phone: (360) 332-4044		Tiger Construction LTD 6280 Everson Goshen Road Everson, WA 98247 Phone: (360) 966-7252		MATHEMATICAL ERROR G.G. Excavation Inc 9669 Padillia Heights Road Anacortes, WA 98221 Phone: (360) 293-4810	
By: Toni Segerman																	
Date: 10-Aug-10																	
Item No.		Quantity	Unit	Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount
Schedule A - Civil Items																	
1	Mobilization	1	LS	\$135,000.00	\$135,000.00	\$100,000.00	\$100,000.00	\$98,000.00	\$98,000.00	\$128,712.00	\$128,712.00	\$149,000.00	\$149,000.00	\$42,150.00	\$42,150.00	\$102,000.00	\$102,000.00
2	Minor Changes	1	FA	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
3	SPCC Plan	1	LS	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,150.40	\$2,150.40	\$626.39	\$626.39	\$1,080.00	\$1,080.00	\$368.20	\$368.20
4	Flaggers and Spotters	3,000	HR	\$43.00	\$129,000.00	\$42.00	\$126,000.00	\$42.00	\$126,000.00	\$58.05	\$174,150.00	\$46.32	\$138,960.00	\$46.70	\$140,100.00	\$44.86	\$134,580.00
5	Other Traffic Control Labor	450	HR	\$43.00	\$19,350.00	\$42.00	\$18,900.00	\$42.00	\$18,900.00	\$53.76	\$24,192.00	\$46.32	\$20,844.00	\$46.70	\$21,015.00	\$44.86	\$20,187.00
6	Project Temporary Traffic Control	1	LS	\$15,000.00	\$15,000.00	\$8,500.00	\$8,500.00	\$8,500.00	\$8,500.00	\$10,165.00	\$10,165.00	\$3,474.16	\$3,474.16	\$12,970.00	\$12,970.00	\$15,840.84	\$15,840.84
7	Clearing and Grubbing	1	LS	\$35,000.00	\$35,000.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$11,849.60	\$11,849.60	\$16,773.89	\$16,773.89	\$21,880.00	\$21,880.00	\$6,893.84	\$6,893.84
8	Removal of Structures and Obstructions	1	LS	\$45,000.00	\$45,000.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00	\$34,375.97	\$34,375.97	\$28,116.24	\$28,116.24	\$54,690.00	\$54,690.00	\$26,963.85	\$26,963.85
9	Removing Drainage Structures	26	EA	\$300.00	\$7,800.00	\$110.00	\$2,860.00	\$275.00	\$7,150.00	\$516.99	\$13,441.74	\$421.16	\$10,950.16	\$250.00	\$6,500.00	\$474.20	\$12,329.20
10	Saw-cut ACP	50,000	LF-IN	\$0.75	\$37,500.00	\$0.20	\$10,000.00	\$0.25	\$12,500.00	\$0.19	\$9,500.00	\$0.35	\$17,500.00	\$0.35	\$17,500.00	\$0.33	\$16,500.00
11	Saw-cut PCC	1,500	LF-IN	\$1.00	\$1,500.00	\$0.65	\$975.00	\$0.60	\$900.00	\$0.80	\$1,200.00	\$0.68	\$1,020.00	\$0.68	\$1,020.00	\$1.21	\$1,815.00
12	Saw-cut PCC - Trench	1,700	LF-IN	\$1.50	\$2,550.00	\$0.60	\$1,020.00	\$0.60	\$1,020.00	\$0.84	\$1,428.00	\$1.21	\$2,057.00	\$0.68	\$1,156.00	\$1.35	\$2,295.00
13	Hazardous Material Handling And Disposal	1	FA	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
14	Hazardous Material Excavation Incl. Haul	500	CY	\$25.00	\$12,500.00	\$8.00	\$4,000.00	\$6.00	\$3,000.00	\$81.06	\$40,530.00	\$12.12	\$6,060.00	\$17.40	\$8,700.00	\$80.85	\$40,425.00
15	This Item Intentionally Left Blank						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
16	Roadway Excavation Including Haul	4,500	CY	\$9.00	\$40,500.00	\$12.50	\$56,250.00	\$8.75	\$39,375.00	\$10.67	\$48,015.00	\$11.19	\$50,355.00	\$10.30	\$46,350.00	\$11.27	\$50,715.00
17	Unsuitable Foundation Excavation Including Haul	300	CY	\$12.00	\$3,600.00	\$6.00	\$1,800.00	\$12.75	\$3,825.00	\$16.26	\$4,878.00	\$13.41	\$4,023.00	\$15.20	\$4,560.00	\$11.27	\$3,381.00
18	Embankment Compaction	250	CY	\$5.00	\$1,250.00	\$3.00	\$750.00	\$4.00	\$1,000.00	\$3.76	\$940.00	\$4.28	\$1,070.00	\$3.05	\$762.50	\$5.39	\$1,347.50
19	Water	100	MGal	\$35.00	\$3,500.00	\$10.00	\$1,000.00	\$25.00	\$2,500.00	\$7.00	\$700.00	\$37.82	\$3,782.00	\$28.90	\$2,890.00	\$51.77	\$5,177.00
20	Structure Excavation Class B Including Haul	3,100	CY	\$9.00	\$27,900.00	\$5.00	\$15,500.00	\$7.20	\$22,320.00	\$12.47	\$38,657.00	\$11.94	\$37,014.00	\$16.70	\$51,770.00	\$16.80	\$52,080.00
21	Shoring or Extra Excavation Class B Including Haul	18,000	SF	\$0.50	\$9,000.00	\$0.10	\$1,800.00	\$0.15	\$2,700.00	\$1.00	\$18,000.00	\$0.16	\$2,880.00	\$0.11	\$1,980.00	\$0.93	\$16,740.00
22	Construction Geotextile for Separation	8,000	SY	\$1.00	\$8,000.00	\$1.25	\$10,000.00	\$1.20	\$9,600.00	\$0.76	\$6,080.00	\$1.12	\$8,960.00	\$1.05	\$8,400.00	\$0.70	\$5,600.00
23	Construction Geotextile, Tack	1,500	SY	\$7.00	\$10,500.00	\$3.00	\$4,500.00	\$6.20	\$9,300.00	\$11.00	\$16,500.00	\$5.47	\$8,205.00	\$5.50	\$8,250.00	\$11.22	\$16,830.00
24	Gravel Base	11,150	Ton	\$9.00	\$100,350.00	\$7.50	\$83,625.00	\$11.25	\$125,437.50	\$8.03	\$89,534.50	\$7.17	\$79,945.50	\$10.20	\$113,730.00	\$10.43	\$116,294.50
25	Crushed Surfacing Top Course	400	Ton	\$20.00	\$8,000.00	\$17.00	\$6,800.00	\$22.50	\$9,000.00	\$22.08	\$8,832.00	\$21.92	\$8,768.00	\$19.80	\$7,920.00	\$28.02	\$11,208.00
26	HMA for Preleveling Class 1/2" PG 64-22	350	Ton	\$60.00	\$21,000.00	\$80.00	\$28,000.00	\$82.00	\$28,700.00	\$75.00	\$26,250.00	\$85.51	\$29,928.50	\$84.90	\$29,715.00	\$76.47	\$26,764.50
27	HMA Class 1/2" PG 64-22	2,900	Ton	\$65.00	\$188,500.00	\$85.00	\$246,500.00	\$82.00	\$237,800.00	\$82.00	\$237,800.00	\$84.85	\$246,065.00	\$84.90	\$246,210.00	\$83.60	\$242,440.00
28	HMA Class 1" PG 64-22	1,900	Ton	\$62.00	\$117,800.00	\$87.00	\$165,300.00	\$79.00	\$150,100.00	\$81.00	\$153,900.00	\$82.33	\$156,427.00	\$81.70	\$155,230.00	\$82.59	\$156,921.00
28A	HMA for Temporary Pavement Section Class 1/2" PG 64-22	200	Ton	\$60.00	\$12,000.00	\$95.00	\$19,000.00	\$120.00	\$24,000.00	\$90.00	\$18,000.00	\$133.86	\$26,772.00	\$132.50	\$26,500.00	\$91.76	\$18,352.00
28B	HMA for Trench Section Class 1/2" PG 64-22	250	Ton	\$70.00	\$17,500.00	\$100.00	\$25,000.00	\$124.00	\$31,000.00	\$130.00	\$32,500.00	\$77.52	\$19,380.00	\$138.00	\$34,500.00	\$157.01	\$39,252.50
29	Planing Bituminous Pavement	8,200	SY	\$3.50	\$28,700.00	\$3.00	\$24,600.00	\$2.25	\$18,450.00	\$1.70	\$13,940.00	\$2.54	\$20,828.00	\$2.00	\$16,400.00	\$2.29	\$18,778.00
30	Job Mix Compliance Price Adjustment	1	Calc	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
31	Compaction Price Adjustment	1	Calc	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	Asphalt Cost Price Adjustment	1	Calc.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32A	Pedestrian Railing	115	LF	\$65.00	\$7,475.00	\$100.00	\$11,500.00	\$80.00	\$9,200.00	\$49.23	\$5,661.45	\$91.35	\$10,505.25	\$140.00	\$16,100.00	\$127.45	\$14,656.75
33-48	These Items Intentionally Left Blank						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
49	Adjustments to Finish Grades	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$35,326.32	\$35,326.32	\$10,264.54	\$10,264.54	\$12,620.00	\$12,620.00	\$9,600.00	\$9,600.00
50	This Item Intentionally Left Blank						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
51	ESC Lead	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$4,998.75	\$4,998.75	\$925.73	\$925.73	\$1,081.00	\$1,081.00	\$8,367.49	\$8,367.49
52	Inlet Protection	45	EA	\$75.00	\$3,375.00	\$50.00	\$2,250.00	\$65.00	\$2,925.00	\$44.17	\$1,987.65	\$79.91	\$3,595.95	\$50.00	\$2,250.00	\$56.04	\$2,521.80
53	Permanent Erosion Control Blanket	300	SY	\$3.00	\$900.00	\$4.00	\$1,200.00	\$6.00	\$1,800.00	\$6.10	\$1,830.00	\$4.62	\$1,386.00	\$3.60	\$1,080.00	\$4.04	\$1,212.00
54	Stabilized Construction Entrance	200	SY	\$10.00	\$2,000.00	\$7.00	\$1,400.00	\$10.00	\$2,000.00	\$19.27	\$3,854.00	\$14.27	\$2,854.00	\$12.60	\$2,520.00	\$17.62	\$3,524.00
55	Silt Fence	1,200	LF	\$3.50	\$4,200.00	\$2.50	\$3,000.00	\$3.50	\$4,200.00	\$4.57	\$5,484.00	\$3.94	\$4,728.00	\$2.70	\$3,240.00	\$3.40	\$4,080.00
56	Seeded Lawn Installation	1,000	SY	\$4.00	\$4,000.00	\$6.50	\$6,500.00	\$5.00	\$5,000.00	\$6.39	\$6,390.00	\$5.28	\$5,280.00	\$5.30	\$5,300.00	\$5.00	\$5,000.00
57	Landscaping Restoration	1	FA	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
58-60	These Items Intentionally Left Blank						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
61	Cement Concrete Curb & Gutter	4,500	LF	\$11.00	\$49,500.00	\$14.00	\$63,000.00	\$14.50	\$65,250.00	\$8.92	\$40,140.00	\$11.88	\$53,480.00	\$15.40	\$69,300.00	\$10.80	\$48,600.00
62	Cement Concrete Pedestrian Curb	325	LF	\$18.00	\$5,850.00	\$22.00	\$7,150.00	\$20.00	\$6,500.00	\$26.08	\$8,476.00	\$14.32	\$4,654.00	\$14.00	\$4,550.00	\$20.00	\$6,500.00
63	Painted Yellow Curb	350	LF	\$12.00	\$4,200.00	\$2.00	\$700.00	\$1.00	\$350.00	\$2.00	\$700.00	\$2.11	\$738.50	\$1.05	\$367.50	\$2.04	\$714.00
64	Cement Concrete Driveway	420	SY	\$45.00	\$18,900.00	\$36.00	\$15,120.00	\$43.00	\$18,060.00	\$42.63	\$17,904.60	\$47.16	\$19,807.20	\$43.20	\$18,144.00	\$40.00	\$16,800.00
65	Raised Pavement Markers, Type 1	18.65	HUND	\$200.00	\$3,730.00	\$220.00	\$4,103.00	\$155.00	\$2,890.75	\$295.00	\$5,501.75	\$310.57	\$5,792.13	\$164.50	\$3,067.93	\$300.77	\$5,609.36
66	Raised Pavement Markers, Type 2	3.7	HUND	\$400.00	\$1,480.00	\$505.00	\$1,868.50	\$285.00	\$1,054.50	\$400.00	\$1,480.00	\$421.11	\$1,558.11	\$302.50	\$1,119.25	\$407.83	\$1,508.97
67	Cement Concrete Sidewalk	2,500	SY	\$32.00	\$80,000.00	\$30.00	\$75,000.00	\$32.00	\$80,000.00	\$21.02	\$52,550.00	\$31.46					

Schedule B - Water Main Work																	
84	Saw-cut ACP	20,000	LF-IN	\$0.75	\$15,000.00	\$0.30	\$6,000.00	\$0.25	\$5,000.00	\$0.21	\$4,200.00	\$0.35	\$7,000.00	\$0.35	\$7,000.00	\$0.33	\$6,600.00
85	Saw-cut PCC Trench	8,000	LF-IN	\$1.00	\$8,000.00	\$0.60	\$4,800.00	\$0.60	\$4,800.00	\$0.45	\$3,600.00	\$1.21	\$9,680.00	\$0.68	\$5,440.00	\$0.69	\$5,520.00
86	Gravel Base	1800	TON	\$9.00	\$16,200.00	\$8.00	\$14,400.00	\$7.20	\$12,960.00	\$8.57	\$15,426.00	\$6.16	\$11,088.00	\$6.85	\$12,330.00	\$7.95	\$14,310.00
87	D.I. Pipe for Water Main 4 In. Diam.	15	LF	\$25.00	\$375.00	\$20.00	\$300.00	\$43.00	\$645.00	\$51.82	\$777.30	\$48.01	\$720.15	\$60.50	\$907.50	\$128.27	\$1,924.05
88	D.I. Pipe for Water Main 6 In. Diam.	70	LF	\$30.00	\$2,100.00	\$24.00	\$1,680.00	\$32.50	\$2,275.00	\$21.33	\$1,493.10	\$24.91	\$1,743.70	\$59.30	\$4,151.00	\$50.53	\$3,537.10
89	D.I. Pipe for Water Main 8 In. Diam.	525	LF	\$38.00	\$19,950.00	\$30.00	\$15,750.00	\$40.00	\$21,000.00	\$32.15	\$16,878.75	\$47.08	\$24,706.50	\$48.70	\$25,567.50	\$79.08	\$41,506.50
90	D.I. Pipe for Water Main 12 In. Diam.	1,200	LF	\$45.00	\$54,000.00	\$38.00	\$45,600.00	\$45.00	\$54,000.00	\$38.38	\$46,056.00	\$52.70	\$63,240.00	\$56.90	\$68,280.00	\$67.96	\$81,552.00
91	Stovepipe Watermain, 8 In. Diam.	2	EA	\$3,000.00	\$6,000.00	\$2,500.00	\$5,000.00	\$1,850.00	\$3,700.00	\$1,515.76	\$3,031.52	\$2,436.95	\$4,873.90	\$2,005.00	\$4,010.00	\$3,163.28	\$6,326.56
92	Stovepipe Watermain, 12 In. Diam.	3	EA	\$3,500.00	\$10,500.00	\$4,000.00	\$12,000.00	\$2,800.00	\$8,400.00	\$2,150.04	\$6,450.12	\$2,911.74	\$8,735.22	\$2,687.00	\$8,061.00	\$4,571.30	\$13,713.90
93	Connect to Existing Watermain 4 In. Diam.	1	EA	\$1,500.00	\$1,500.00	\$550.00	\$550.00	\$1,400.00	\$1,400.00	\$1,280.24	\$1,280.24	\$1,260.67	\$1,260.67	\$453.00	\$453.00	\$1,216.85	\$1,216.85
94	Connect to Existing Watermain 6 In. Diam.	2	EA	\$1,500.00	\$3,000.00	\$700.00	\$1,400.00	\$800.00	\$1,600.00	\$1,173.44	\$2,346.88	\$1,294.37	\$2,588.74	\$493.00	\$986.00	\$1,234.18	\$2,468.36
95	Connect to Existing Watermain 8 In. Diam.	4	EA	\$1,750.00	\$7,000.00	\$700.00	\$2,800.00	\$800.00	\$3,200.00	\$929.08	\$3,716.32	\$1,449.57	\$5,798.28	\$1,128.00	\$4,512.00	\$1,221.95	\$4,887.80
96	Connect to Existing Watermain 12 In. Diam.	6	EA	\$2,500.00	\$15,000.00	\$1,000.00	\$6,000.00	\$900.00	\$5,400.00	\$1,488.83	\$8,932.98	\$1,654.25	\$9,925.50	\$1,545.00	\$9,270.00	\$1,165.53	\$6,993.18
97	Blow off Assembly	1	EA	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,733.08	\$1,733.08	\$1,553.61	\$1,553.61	\$2,037.00	\$2,037.00	\$2,028.84	\$2,028.84
98	PVC C905 Casing	200	LF	\$65.00	\$13,000.00	\$50.00	\$10,000.00	\$60.00	\$12,000.00	\$33.55	\$6,710.00	\$106.12	\$21,224.00	\$84.90	\$16,980.00	\$130.89	\$26,178.00
99	Testing Water Main	1	LS	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$6,417.60	\$6,417.60	\$2,206.46	\$2,206.46	\$2,950.00	\$2,950.00	\$2,249.09	\$2,249.09
100	Gate Valve, 4 In.	1	EA	\$1,200.00	\$1,200.00	\$600.00	\$600.00	\$625.00	\$625.00	\$479.42	\$479.42	\$667.87	\$667.87	\$433.00	\$433.00	\$770.43	\$770.43
101	Gate Valve, 8 In.	7	EA	\$1,500.00	\$10,500.00	\$1,100.00	\$7,700.00	\$1,050.00	\$7,350.00	\$844.99	\$5,914.93	\$1,084.90	\$7,454.30	\$940.00	\$6,580.00	\$1,362.20	\$9,535.40
102	Gate Valve, 12 In.	8	EA	\$1,750.00	\$14,000.00	\$2,000.00	\$16,000.00	\$1,800.00	\$14,400.00	\$1,501.80	\$12,014.40	\$1,793.55	\$14,348.40	\$1,807.00	\$14,456.00	\$2,176.80	\$17,414.40
103	Tapping Sleeve and Gate Valve Assembly, 12"x6"	1	EA	\$3,500.00	\$3,500.00	\$3,750.00	\$3,750.00	\$2,200.00	\$2,200.00	\$2,522.73	\$2,522.73	\$3,206.54	\$3,206.54	\$3,217.00	\$3,217.00	\$3,178.34	\$3,178.34
104	Tapping Sleeve and Gate Valve Assembly, 12"x8"	4	EA	\$4,000.00	\$16,000.00	\$4,500.00	\$18,000.00	\$2,650.00	\$10,600.00	\$3,233.36	\$12,933.44	\$3,885.59	\$15,542.36	\$3,778.00	\$15,112.00	\$3,851.25	\$15,405.00
105	Hydrant Assembly	8	EA	\$3,700.00	\$29,600.00	\$4,500.00	\$36,000.00	\$3,500.00	\$28,000.00	\$3,205.85	\$25,646.80	\$3,643.18	\$29,145.44	\$3,342.00	\$26,736.00	\$4,422.04	\$35,376.32
106	Service Connection 1 In. Diam.	26	EA	\$900.00	\$23,400.00	\$850.00	\$22,100.00	\$1,150.00	\$29,900.00	\$1,102.40	\$28,662.40	\$1,013.92	\$26,361.92	\$1,110.00	\$28,860.00	\$1,461.90	\$38,009.40
107	Service Connection 2 In. Diam.	4	EA	\$1,200.00	\$4,800.00	\$2,750.00	\$11,000.00	\$2,600.00	\$10,400.00	\$2,438.73	\$9,754.92	\$2,645.16	\$10,580.64	\$1,295.00	\$5,180.00	\$2,925.31	\$11,701.24
Total Schedule B					\$283,125.00		\$246,430.00		\$244,355.00		\$226,978.93		\$283,652.20		\$273,509.00		\$352,402.76
Sales Tax @ 8.5% (Schedule B)					\$24,065.63		\$20,946.55		\$20,770.18		\$19,293.21		\$24,110.44		\$23,248.27		\$29,954.23
Total Schedule B					\$307,190.63		\$267,376.55		\$265,125.18		\$246,272.14		\$307,762.64		\$296,757.27		\$382,356.99

Schedule C - Sanitary Work																	
108	Saw-cut ACP	1,700	LF-IN	\$0.75	\$1,275.00	\$0.30	\$510.00	\$0.25	\$425.00	\$0.56	\$952.00	\$0.35	\$595.00	\$0.42	\$714.00	\$0.44	\$748.00
109	Saw-cut PCC Trench	1,000	LF-IN	\$1.00	\$1,000.00	\$0.60	\$600.00	\$0.60	\$600.00	\$0.97	\$970.00	\$1.21	\$1,210.00	\$0.68	\$680.00	\$0.88	\$880.00
110	Gravel Base	100	TON	\$10.00	\$1,000.00	\$9.00	\$900.00	\$7.60	\$760.00	\$13.03	\$1,303.00	\$6.16	\$616.00	\$5.20	\$520.00	\$8.44	\$844.00
111	Manhole 48 In. Diam. Type 3	1	EA	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$5,800.00	\$5,800.00	\$3,376.28	\$3,376.28	\$6,136.89	\$6,136.89	\$6,161.00	\$6,161.00	\$2,159.70	\$2,159.70
112	Solid Locking Ring and Cover	15	EA	\$400.00	\$6,000.00	\$425.00	\$4,500.00	\$300.00	\$3,000.00	\$349.65	\$5,244.75	\$275.07	\$4,126.05	\$255.50	\$3,832.50	\$302.20	\$4,533.00
113	Connection to Existing Manhole	1	EA	\$1,250.00	\$1,250.00	\$650.00	\$650.00	\$1,200.00	\$1,200.00	\$1,689.46	\$1,689.46	\$1,335.68	\$1,335.68	\$1,770.00	\$1,770.00	\$555.94	\$555.94
114	PVC Sanitary Sewer Pipe 8 In. Diam.	260	LF	\$35.00	\$9,100.00	\$18.00	\$4,680.00	\$33.00	\$8,580.00	\$22.32	\$5,803.20	\$50.48	\$13,124.80	\$73.50	\$19,110.00	\$54.55	\$14,183.00
115	PVC Sanitary Sewer Pipe 12 In. Diam.	20	LF	\$45.00	\$900.00	\$40.00	\$800.00	\$50.00	\$1,000.00	\$83.91	\$1,678.20	\$103.33	\$2,066.60	\$94.50	\$1,890.00	\$121.60	\$2,432.00
116	Testing Sewer Pipe	270	LF	\$1.00	\$270.00	\$2.00	\$540.00	\$1.50	\$405.00	\$4.85	\$1,309.50	\$2.12	\$572.40	\$3.55	\$958.50	\$1.55	\$418.50
Total Schedule C					\$24,295.00		\$15,680.00		\$25,145.00		\$22,326.39		\$29,783.42		\$35,636.00		\$26,764.14
Sales Tax @ 8.5% (Schedule C)					\$2,065.08		\$1,332.80		\$2,137.33		\$1,897.74		\$2,531.59		\$3,029.06		\$2,274.10
TOTAL Schedule C					\$26,360.08		\$17,012.80		\$27,282.33		\$24,224.13		\$32,315.01		\$38,665.06		\$29,038.24

Schedule D - Retaining Wall, 3-8 Feet and 2.5 Feet																	
A1-1	Structure Excavation Class A Including Haul	275	CY	\$15.00	\$4,125.00	\$10.00	\$2,750.00	\$15.00	\$4,125.00	\$11.24	\$3,091.00	\$17.75	\$4,881.25	\$19.20	\$5,280.00	\$23.07	\$6,344.25
A1-2	Shoring or Extra Excavation Class A	1	LS	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$3,200.00	\$3,200.00	\$3,158.33	\$5,964.00	\$5,964.00	\$1,478.18	\$1,478.18	
A1-3	Retaining Wall	1,370	SF	\$50.00	\$68,500.00	\$50.00	\$68,500.00	\$44.00	\$60,280.00	\$42.60	\$58,362.00	\$45.29	\$62,047.30	\$37.70	\$51,649.00	\$43.43	\$59,499.10
A1-4	Gravel Backfill for Wall	600	TON	\$13.00	\$7,800.00	\$10.00	\$6,000.00	\$13.25	\$7,950.00	\$16.98	\$10,188.00	\$15.06	\$9,036.00	\$13.40	\$8,040.00	\$12.70	\$7,620.00
A1-5	Pedestrian Railing	100	LF	\$75.00	\$7,500.00	\$150.00	\$15,000.00	\$80.00	\$8,000.00	\$46.31	\$4,631.00	\$91.62	\$9,162.00	\$129.50	\$12,950.00	\$152.94	\$15,294.00
A1-6	Underdrain Pipe, 4 In. Diam.	300	LF	\$7.00	\$2,100.00	\$5.00	\$1,500.00	\$8.00	\$2,400.00	\$5.67	\$1,701.00	\$10.83	\$3,249.00	\$25.70	\$7,710.00	\$8.37	\$2,511.00
A1-7	Solid Wall PVC Storm Sewer Pipe, 6 In. Diam.	31	LF	\$20.00	\$620.00	\$9.00	\$279.00	\$14.00	\$434.00	\$64.39	\$1,996.09	\$14.47	\$448.57	\$25.20	\$781.20	\$29.64	\$918.84
A1-8	Permanent Erosion Control Blanket	100	SY	\$10.00	\$1,000.00	\$3.00	\$300.00	\$6.00	\$600.00	\$4.39	\$439.00	\$9.15	\$915.00	\$4.62	\$462.00	\$6.96	\$696.00
A1-9	Chain Link Fence Type 1 (MOD)	170	LF	\$35.00	\$5,950.00	\$40.00	\$6,800.00	\$24.00	\$4,080.00	\$39.00	\$6,630.00	\$40.01	\$6,801.70	\$30.30	\$5,151.00	\$24.10	\$4,097.00
A1-10	Quarry Spalls	100	TON	\$25.00	\$2,500.00	\$30.00	\$3,000.00	\$27.00	\$2,700.00	\$29.52	\$2,952.00	\$21.00	\$2,100.00	\$23.80	\$2,380.00	\$14.93	\$1,493.00
A1-11	Seeded Lawn Installation	200	SY	\$4.00	\$800.00	\$10.00	\$2,000.00	\$5.00	\$1,000.00	\$9.14	\$1,828.00	\$5.26	\$1,052.00	\$5.30	\$1,060.00	\$5.00	\$1,000.00
A1-12	Plant Selection English Ivy Hederahelix - 1 Gallon Container	120	EA	\$12.00	\$1,440.00	\$15.00	\$1,800.00	\$10.00	\$1,200.00	\$13.75	\$1,650.00	\$10.53	\$1,263.60	\$10.60	\$1,272.00	\$10.00	\$1,200.00
Total Schedule D					\$105,835.00		\$108,929.00		\$94,769.00		\$96,668.09		\$103,661.75		\$103,152.20		\$102,151.37

Schedule E - Storm Drain Work																	
117	Saw-cut PCC - Trench	3,400	LF-IN	\$1.50	\$5,100.00	\$0.60	\$2,040.00	\$0.60	\$2,040.00	\$0.90	\$3,060.00	\$1.21	\$4,114.00	\$0.68	\$2,312.00	\$0.68	\$2,312.00
118	Removing Portland Cement Concrete Pavement	250	CY	\$25.00	\$6,250.00	\$12.00	\$3,000.00	\$33.00	\$8,250.00	\$36.70	\$9,175.00	\$34.33	\$8,582.50	\$63.70	\$15,925.00	\$43.85	\$10,962.50
119	Gravel Base	1,200	TON	\$9.00	\$10,800.00	\$9.00	\$10,800.00	\$7.60	\$9,120.00	\$8.96	\$10,752.00	\$6.17	\$7,404.00	\$7.05	\$8,460.00	\$8.84	\$10,608.00
120	Corrugated Poly Storm Sewer Pipe 6 In. Diam.	15	LF	\$20.00	\$300.00	\$15.00	\$225.00	\$20.00</									