

Duncan Water Main

File number 2013 - 027		ITB 4368		Engineer's Estimate		Douglas N. Higgins		Bailey Excavating		E.T. Mackenzie		Eversons Civil, LLC					
Item Number	Description	Unit	Est. Quant.	Estimated Unit		Unit Price		Total Cost		Unit Price		Total Cost		Unit Price		Total Cost	
				Price	Total Cost	Price	Total Cost	Price	Total Cost	Price	Total Cost	Price	Total Cost	Price	Total Cost		
114	Type A Lighted Arrow Board - Furnished & Operated	EA	2	\$ 850.00	\$ 1,700.00	\$ 850.00	\$ 1,700.00	\$ 850.00	\$ 1,700.00	\$ 335.00	\$ 670.00	\$ 665.00	\$ 1,330.00				
130	Protective Fencing	LF	2500	\$ 5.00	\$ 12,500.00	\$ 5.00	\$ 12,500.00	\$ 5.00	\$ 12,500.00	\$ 2.30	\$ 5,750.00	\$ 4.20	\$ 10,500.00				
135	Tree Removal 8' and Larger	EA	1	\$ 500.00	\$ 500.00	\$ 750.00	\$ 750.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 790.00	\$ 790.00				
140	Exploratory Excavations (0-10deep)	EA	4	\$ 800.00	\$ 3,200.00	\$ 500.00	\$ 2,000.00	\$ 1,000.00	\$ 4,000.00	\$ 2,850.00	\$ 11,400.00	\$ 1,045.00	\$ 4,180.00				
201	Protect Subversion - Max. \$ 20,000	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 10,100.00	\$ 10,100.00	\$ 20,000.00	\$ 20,000.00				
202	General Conditions - Max. \$ 40,000	LS	1	\$ 80,000.00	\$ 80,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 15,840.80	\$ 15,840.80	\$ 40,000.00	\$ 40,000.00				
203	Minor Traffic Control - Modified - Max. \$ 20,000	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00	\$ 0.01	\$ 0.01	\$ 20,000.00	\$ 20,000.00				
204	Audivisual Tape Coverage	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,880.00	\$ 1,880.00				
207	Machine Grading Modified	SY	200	\$ 20.00	\$ 4,000.00	\$ 25.00	\$ 5,000.00	\$ 12.00	\$ 2,400.00	\$ 19.00	\$ 3,800.00	\$ 12.00	\$ 2,400.00				
212	Subgrade Undercutting - Type I	CY	100	\$ 20.00	\$ 2,000.00	\$ 35.00	\$ 3,500.00	\$ 15.00	\$ 1,500.00	\$ 0.01	\$ 1.00	\$ 18.00	\$ 1,800.00				
213	Temporary 4 inch or 6 inch Water Main Line Stop	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 5,500.00	\$ 11,000.00	\$ 5,500.00	\$ 11,000.00	\$ 8,400.00	\$ 16,800.00	\$ 8,300.00	\$ 16,600.00				
220	Temporary HMA Pavement	TON	50	\$ 80.00	\$ 4,000.00	\$ 150.00	\$ 7,500.00	\$ 200.00	\$ 10,000.00	\$ 195.00	\$ 9,750.00	\$ 250.00	\$ 12,500.00				
230	Remove Concrete Curb or Curb & Gutter - Any Type	LF	2270	\$ 5.00	\$ 11,350.00	\$ 4.00	\$ 9,080.00	\$ 7.00	\$ 15,890.00	\$ 2.95	\$ 6,696.50	\$ 5.50	\$ 12,485.00				
231	Remove Concrete Sidewalk & Driveways - Any Thickness	SF	4942	\$ 5.00	\$ 24,710.00	\$ 1.00	\$ 4,942.00	\$ 0.75	\$ 3,706.50	\$ 0.85	\$ 4,200.70	\$ 1.00	\$ 4,942.00				
241	Adjust Structure Cover	EA	2	\$ 250.00	\$ 500.00	\$ 350.00	\$ 700.00	\$ 350.00	\$ 700.00	\$ 325.00	\$ 650.00	\$ 475.00	\$ 950.00				
242	Adjust Curb Inlet Structure Cover	EA	2	\$ 250.00	\$ 500.00	\$ 350.00	\$ 700.00	\$ 350.00	\$ 700.00	\$ 325.00	\$ 650.00	\$ 475.00	\$ 950.00				
244	Structure Covers	URS	1200	\$ 1.00	\$ 1,200.00	\$ 1.50	\$ 1,800.00	\$ 1.50	\$ 1,800.00	\$ 1.20	\$ 1,440.00	\$ 1.50	\$ 1,800.00				
251	Abandon Fire Hydrant	EA	3	\$ 250.00	\$ 750.00	\$ 500.00	\$ 1,500.00	\$ 650.00	\$ 1,950.00	\$ 1,100.00	\$ 3,300.00	\$ 500.00	\$ 1,500.00				
252	Sewer Bulkhead, 4-inch through 18-inch Diameter	EA	4	\$ 50.00	\$ 200.00	\$ 350.00	\$ 1,400.00	\$ 400.00	\$ 1,600.00	\$ 30.30	\$ 121.20	\$ 250.00	\$ 1,000.00				
254	6-inch W/raped Underdrain	LF	2035	\$ 10.00	\$ 20,350.00	\$ 6.00	\$ 12,210.00	\$ 8.75	\$ 17,806.25	\$ 8.20	\$ 16,687.00	\$ 10.00	\$ 20,350.00				
261	21AA Limestone - C.I.P.	CY	100	\$ 20.00	\$ 2,000.00	\$ 35.00	\$ 3,500.00	\$ 40.00	\$ 4,000.00	\$ 26.00	\$ 2,600.00	\$ 43.00	\$ 4,300.00				
262	Aggregate Base Course, 21AA - C.I.P.	CY	1400	\$ 18.00	\$ 25,200.00	\$ 35.00	\$ 49,000.00	\$ 30.00	\$ 42,000.00	\$ 44.00	\$ 61,600.00	\$ 45.00	\$ 63,000.00				
270	"No Parking" Signs	EA	56	\$ 50.00	\$ 2,800.00	\$ 50.00	\$ 2,800.00	\$ 50.00	\$ 2,800.00	\$ 40.00	\$ 2,240.00	\$ 75.00	\$ 4,200.00				
271	Portable, Changeable Message Sign - Furn. & Oper.	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00	\$ 1,200.00	\$ 2,400.00	\$ 1,650.00	\$ 3,300.00	\$ 1,200.00	\$ 2,400.00				
272	Plastic Drum - Lighted, Furnished and Operated	EA	150	\$ 35.00	\$ 5,250.00	\$ 12.00	\$ 1,800.00	\$ 15.00	\$ 2,250.00	\$ 13.50	\$ 2,025.00	\$ 15.00	\$ 2,250.00				
273	Type III Lighted Barricade, Furnished & Operated	EA	6	\$ 115.00	\$ 690.00	\$ 70.00	\$ 420.00	\$ 115.00	\$ 690.00	\$ 61.00	\$ 366.00	\$ 75.00	\$ 450.00				
274	Temporary Type B Signs	SF	150	\$ 4.50	\$ 675.00	\$ 3.50	\$ 525.00	\$ 3.50	\$ 525.00	\$ 3.60	\$ 540.00	\$ 3.50	\$ 525.00				
292	Planting - Tree	EA	1	\$ 250.00	\$ 250.00	\$ 750.00	\$ 750.00	\$ 1,200.00	\$ 1,200.00	\$ 800.00	\$ 800.00	\$ 530.00	\$ 530.00				
320	12 inch Class IV RCP Trench Detail I	LF	400	\$ 120.00	\$ 48,000.00	\$ 40.00	\$ 16,000.00	\$ 77.50	\$ 31,000.00	\$ 92.00	\$ 36,800.00	\$ 84.00	\$ 33,600.00				
353	4 inch SDR 35 PVC Service Lead	LF	200	\$ 60.00	\$ 12,000.00	\$ 60.00	\$ 12,000.00	\$ 65.00	\$ 13,000.00	\$ 3.00	\$ 600.00	\$ 70.00	\$ 14,000.00				
366	Inlet Junction Chamber	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,300.00	\$ 2,300.00	\$ 2,250.00	\$ 2,250.00	\$ 2,500.00	\$ 2,500.00				
367	Single Inlet	EA	17	\$ 2,000.00	\$ 34,000.00	\$ 1,350.00	\$ 22,950.00	\$ 1,575.00	\$ 26,775.00	\$ 1,700.00	\$ 28,900.00	\$ 1,550.00	\$ 26,350.00				
385	Sewer Pipe Abandonment	LF	400	\$ 2.00	\$ 800.00	\$ 10.00	\$ 4,000.00	\$ 25.00	\$ 10,000.00	\$ 0.01	\$ 4.00	\$ 12.00	\$ 4,800.00				
386	Sewer Structure Abandonment	EA	18	\$ 200.00	\$ 3,600.00	\$ 300.00	\$ 5,400.00	\$ 200.00	\$ 3,600.00	\$ 0.10	\$ 1.80	\$ 375.00	\$ 6,750.00				
391	Pipe Undercut & Retill (6AA)	CY	100	\$ 20.00	\$ 2,000.00	\$ 20.00	\$ 2,000.00	\$ 40.00	\$ 4,000.00	\$ 0.01	\$ 1.00	\$ 60.00	\$ 600.00				
401	6 inch Class 50 DIP w/polypwrap, TD-I	LF	2150	\$ 85.00	\$ 182,750.00	\$ 115.00	\$ 247,250.00	\$ 105.00	\$ 225,750.00	\$ 120.00	\$ 258,000.00	\$ 112.80	\$ 242,520.00				
402	6 inch Class 50 DIP w/polypwrap, TD-I	LF	70	\$ 80.00	\$ 5,600.00	\$ 150.00	\$ 10,500.00	\$ 95.00	\$ 6,650.00	\$ 105.00	\$ 7,350.00	\$ 105.00	\$ 7,350.00				
415	8' 90' Bend	EA	2	\$ 350.00	\$ 700.00	\$ 600.00	\$ 1,200.00	\$ 835.00	\$ 1,670.00	\$ 660.00	\$ 1,320.00	\$ 789.00	\$ 1,578.00				
416	8' 22-1/2' Bend	EA	2	\$ 350.00	\$ 700.00	\$ 600.00	\$ 1,200.00	\$ 750.00	\$ 1,500.00	\$ 660.00	\$ 1,320.00	\$ 675.00	\$ 1,350.00				
417	8' 11-1/4' Bend	EA	4	\$ 350.00	\$ 1,400.00	\$ 600.00	\$ 2,400.00	\$ 740.00	\$ 2,960.00	\$ 660.00	\$ 2,640.00	\$ 662.00	\$ 2,648.00				
419	8' 45' Bend	EA	6	\$ 350.00	\$ 2,100.00	\$ 600.00	\$ 3,600.00	\$ 760.00	\$ 4,560.00	\$ 660.00	\$ 3,960.00	\$ 710.00	\$ 4,260.00				
420	8' x 8' Reducer	EA	7	\$ 300.00	\$ 2,100.00	\$ 500.00	\$ 3,500.00	\$ 600.00	\$ 4,200.00	\$ 590.00	\$ 4,130.00	\$ 560.00	\$ 3,920.00				
421	6' 45' Bend	EA	4	\$ 300.00	\$ 1,200.00	\$ 600.00	\$ 2,400.00	\$ 580.00	\$ 2,320.00	\$ 550.00	\$ 2,200.00	\$ 523.00	\$ 2,092.00				
432	8' x 8' x 8' Tee	EA	7	\$ 350.00	\$ 2,450.00	\$ 1,000.00	\$ 7,000.00	\$ 1,215.00	\$ 8,505.00	\$ 750.00	\$ 5,250.00	\$ 1,080.00	\$ 7,560.00				
440	Fire Hydrant Assembly	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 4,000.00	\$ 20,000.00	\$ 4,130.00	\$ 20,650.00	\$ 4,050.00	\$ 20,250.00	\$ 4,000.00	\$ 20,000.00				
443	8' Gate Valve-in-Box	EA	6	\$ 1,500.00	\$ 9,000.00	\$ 1,800.00	\$ 10,800.00	\$ 1,650.00	\$ 9,900.00	\$ 1,650.00	\$ 9,900.00	\$ 1,800.00	\$ 10,800.00				
449	8' Gate Valve-in-Wall	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 4,500.00	\$ 4,500.00	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,480.00	\$ 4,480.00				
460	Excavate and Backfill for Water Services and Leads	LF	890	\$ 60.00	\$ 53,400.00	\$ 30.00	\$ 26,700.00	\$ 35.50	\$ 31,595.00	\$ 87.45	\$ 77,830.50	\$ 60.00	\$ 53,400.00				
481	Water Main Pipe Abandonment	LF	2150	\$ 1.00	\$ 2,150.00	\$ 6.00	\$ 12,900.00	\$ 1.00	\$ 2,150.00	\$ 1.70	\$ 3,655.00	\$ 4.00	\$ 8,600.00				
482	Gate Valve-in-Box Abandonment	EA	3	\$ 200.00	\$ 600.00	\$ 250.00	\$ 750.00	\$ 350.00	\$ 1,050.00	\$ 1,250.00	\$ 3,750.00	\$ 300.00	\$ 900.00				
483	Gate Valve-in-Wall Abandonment	EA	3	\$ 400.00	\$ 1,200.00	\$ 450.00	\$ 1,350.00	\$ 850.00	\$ 2,550.00	\$ 1,450.00	\$ 4,350.00	\$ 430.00	\$ 1,290.00				
614	3 inch Sch 80 PVC Conduits	LF	2200	\$ 5.00	\$ 11,000.00	\$ 6.00	\$ 13,200.00	\$ 6.35	\$ 13,970.00	\$ 7.50	\$ 16,500.00	\$ 10.00	\$ 22,000.00				
620	Communication Handhole	EA	4	\$ 500.00	\$ 2,000.00	\$ 1,000.00	\$ 4,000.00	\$ 935.00	\$ 3,740.00	\$ 1,150.00	\$ 4,600.00	\$ 1,200.00	\$ 4,800.00				
703	Inlet Filter	EA	19	\$ 100.00	\$ 1,900.00	\$ 175.00	\$ 3,325.00	\$ 175.00	\$ 3,325.00	\$ 96.90	\$ 1,841.10	\$ 125.00	\$ 2,375.00				
800	Silt Fence	LF	1200	\$ 1.00	\$ 1,200.00	\$ 2.00	\$ 2,400.00	\$ 3.00	\$ 3,600.00	\$ 3.25	\$ 3,900.00	\$ 2.00	\$ 2,400.00				
891	Cleanup & Restoration	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 3,000.00	\$ 3,000.00	\$ 10,000.00	\$ 10,000.00	\$ 0.01	\$ 0.01	\$ 3,500.00	\$ 3,500.00				
TOTAL						\$ 703,825.00		\$ 655,427.00		\$ 669,337.75		\$ 688,900.00				\$ 744,735.00	