

VILLAGE OF ARCANUM
Sanitary Sewer Separation Phase III - Contract E (Albright Street Reconstruction)

Bid Breakdown

Bid Date: Monday, June 21, 2010, 11:00 a.m.
 Engineer's Estimate: \$418,917.02 Base Bid

Item	Description	Quantity	Tumbusch Construction, Inc.				Milcon, Inc.				Brumbaugh Construction, Inc.			
			Material Unit Cost	Labor Unit Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Unit Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Unit Cost	Total Unit Cost	Total Cost
Base Bid Schedule														
202	Walk Removed	1025 S.F.	0.00	0.26	0.26	266.50	0.00	2.00	2.00	2,050.00	0.00	1.00	1.00	1,025.00
202	Catch Basin Removed	7 Each	11.80	68.18	79.98	559.86	100.00	300.00	400.00	2,800.00	0.00	100.00	100.00	700.00
202	Manhole Removed	4 Each	61.93	73.86	135.79	543.16	200.00	200.00	400.00	1,600.00	0.00	150.00	150.00	600.00
202	Pipe Removed	545 L.F.	3.46	3.26	6.72	3,662.40	4.00	8.00	12.00	6,540.00	2.00	8.00	10.00	5,450.00
203	Excavation, As Per Plan	1185 C.Y.	0.00	6.78	6.78	8,034.30	1.00	18.00	19.00	22,515.00	0.00	15.00	15.00	17,775.00
204	Subgrade Compaction	3858 S.Y.	0.00	0.27	0.27	1,041.66	0.00	1.00	1.00	3,858.00	0.00	1.50	1.50	5,787.00
204	Subgrade Preparation	350 C.Y.	11.77	11.51	23.28	8,148.00	18.00	14.00	32.00	11,200.00	15.00	10.00	25.00	8,750.00
204	Subgrade Stabilization - Geogrid	2000 S.Y.	2.80	0.36	3.16	6,320.00	4.00	0.50	4.50	9,000.00	3.00	1.00	4.00	8,000.00
301	Asphalt Concrete Base	442 C.Y.	0.00	125.18	125.18	55,329.56	92.00	26.00	118.00	52,156.00	65.00	65.00	130.00	57,460.00
304	Aggregate Base	471 C.Y.	12.30	12.98	25.28	11,906.88	17.00	12.00	29.00	13,659.00	15.00	20.00	35.00	16,485.00
408	Prime Coat	1275 Gal.	0.00	4.05	4.05	5,163.75	0.85	3.00	3.85	4,908.75	2.00	2.00	4.00	5,100.00
448	Asphalt Concrete, Surface	116.5 C.Y.	0.00	145.89	145.89	16,996.19	112.00	29.00	141.00	16,426.50	74.00	74.00	148.00	17,242.00
448	Asphalt Concrete, Intermediate	155.1 C.Y.	0.00	138.28	138.28	21,447.23	108.00	20.00	128.00	19,852.80	70.00	70.00	140.00	21,714.00
451	Reinforced Concrete Pavement	53.3 S.Y.	5.08	54.38	59.46	3,169.22	22.00	16.00	38.00	2,025.40	16.00	18.00	34.00	1,812.20
452	Non-Reinforced Concrete Pavement	701.4 S.Y.	1.31	40.64	41.95	29,423.73	20.00	15.00	35.00	24,549.00	14.00	18.00	32.00	22,444.80
603	4" Storm Drain Repair	1 Each	16.87	67.72	84.59	84.59	150.00	700.00	850.00	850.00	25.00	25.00	50.00	50.00
603	6" Storm Drain Repair	1 Each	36.09	67.72	103.81	103.81	160.00	700.00	860.00	860.00	50.00	25.00	75.00	75.00
603	8" Storm Drain Repair	1 Each	58.97	67.72	126.69	126.69	200.00	800.00	1,000.00	1,000.00	75.00	25.00	100.00	100.00
603	12" Storm Drain Repair	1 Each	115.58	75.64	191.22	191.22	300.00	1,000.00	1,300.00	1,300.00	125.00	25.00	150.00	150.00
603	4" Conduit, Type 'B' (707.31)	430 L.F.	3.23	3.48	6.71	2,885.30	4.00	16.00	20.00	8,600.00	3.00	9.00	12.00	5,160.00
603	12" Storm Sewer, Type 'B' (707.33)	170 L.F.	11.61	25.68	37.29	6,339.30	7.00	26.00	33.00	5,610.00	13.00	27.00	40.00	6,800.00
603	15" Storm Sewer, Type 'B' (707.33)	186 L.F.	12.67	13.23	25.90	4,817.40	10.00	28.00	38.00	7,068.00	15.00	33.00	48.00	8,928.00
603	18" Storm Sewer, Type 'B' (707.33)	235 L.F.	18.96	19.60	38.56	9,061.60	12.00	29.00	41.00	9,635.00	16.00	34.00	50.00	11,750.00
604	Storm Manhole, Type 'A'	5 Each	1,361.78	828.16	2,189.94	10,949.70	750.00	400.00	1,150.00	5,750.00	800.00	1,100.00	1,900.00	9,500.00
604	Catch Basin, Type 'A', As Per Plan	9 Each	838.58	513.77	1,352.35	12,171.15	400.00	300.00	700.00	6,300.00	800.00	600.00	1,400.00	12,600.00
604	Catch Basin, O.D.O.T. 2-2B	3 Each	627.51	738.81	1,366.32	4,098.96	380.00	300.00	680.00	2,040.00	450.00	550.00	1,000.00	3,000.00
604	Manhole Reconstructed to Grade	7 Each	177.43	127.28	304.71	2,132.97	50.00	200.00	250.00	1,750.00	100.00	300.00	400.00	2,800.00
608	Concrete Walk, As Per Plan	5907 S.F.	0.11	3.32	3.43	20,261.01	1.40	1.40	2.80	16,539.60	1.00	2.00	3.00	17,721.00
608	Curb Ramp w/Truncated Domes	5 Each	0.00	253.80	253.80	1,269.00	150.00	100.00	250.00	1,250.00	100.00	100.00	200.00	1,000.00
608	Concrete Steps	6 L.F.	0.00	76.01	76.01	456.06	30.00	60.00	90.00	540.00	10.00	35.00	45.00	270.00
609	Combination Curb and Gutter, As Per Plan	1690 L.F.	0.00	10.35	10.35	17,491.50	6.00	4.00	10.00	16,900.00	6.00	4.00	10.00	16,900.00
609	8" Wide Concrete Curb, As Per Plan	78 L.F.	0.30	32.27	32.57	2,540.46	4.00	20.00	24.00	1,872.00	7.00	9.00	16.00	1,248.00
614	Maintaining Traffic	1 L.S.	0.00	843.54	843.54	843.54	500.00	1,000.00	1,500.00	1,500.00	0.00	5,000.00	5,000.00	5,000.00
624	Mobilization	1 L.S.	0.00	3,375.11	3,375.11	3,375.11	200.00	1,800.00	2,000.00	2,000.00	0.00	4,597.00	4,597.00	4,597.00
630	Removal of Grd. Mounted Signs, Reerection	1 L.S.	43.20	596.46	639.66	639.66	10.00	590.00	600.00	600.00	50.00	400.00	450.00	450.00
659	Seeding and Mulching, As Per Plan	1250 S.Y.	0.60	3.57	4.17	5,212.50	2.60	3.00	5.60	7,000.00	0.50	3.50	4.00	5,000.00

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Base Bid Schedule (continued)																	
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	3189	S.Y.	0.00	0.97	0.97	3,093.33	0.60	0.30	0.90	2,870.10	0.50	0.50	1.00	3,189.00		
33 11 13	12" Water Line (AWWA C-151)	948	L.F.	43.14	13.70	56.84	53,884.32	40.00	15.00	55.00	52,140.00	59.00	33.00	92.00	87,216.00		
33 11 13	6" Water Line (AWWA C-151)	6	L.F.	61.69	28.53	90.22	541.32	20.00	15.00	35.00	210.00	74.00	33.00	107.00	642.00		
33 11 13	12" x 12" Tapping Sleeve w/Valve	1	Each	3,415.55	1,162.71	4,578.26	4,578.26	3,600.00	1,400.00	5,000.00	5,000.00	3,500.00	3,000.00	6,500.00	6,500.00		
33 11 13	12" x 12" Tee	3	Each	559.32	79.08	638.40	1,915.20	300.00	200.00	500.00	1,500.00	305.00	200.00	505.00	1,515.00		
33 11 13	12" x 6" Tee	1	Each	405.01	79.08	484.09	484.09	250.00	150.00	400.00	400.00	215.00	190.00	405.00	405.00		
33 11 13	12" x 6" Reducer	2	Each	204.81	52.72	257.53	515.06	125.00	125.00	250.00	500.00	110.00	150.00	260.00	520.00		
33 11 13	12" x 4" Reducer	1	Each	194.11	52.73	246.84	246.84	125.00	125.00	250.00	250.00	102.00	150.00	252.00	252.00		
33 11 13	12" Plug	1	Each	170.48	52.73	223.21	223.21	90.00	100.00	190.00	190.00	75.00	125.00	200.00	200.00		
33 11 13	12" - 45° Bend	2	Each	358.04	52.72	410.76	821.52	200.00	200.00	400.00	800.00	185.00	200.00	385.00	770.00		
33 11 13	6" - 45° Bend	2	Each	142.63	52.72	195.35	390.70	75.00	125.00	200.00	400.00	70.00	125.00	195.00	390.00		
33 11 13	4" - 45° Bend	2	Each	112.68	52.72	165.40	330.80	60.00	110.00	170.00	340.00	50.00	100.00	150.00	300.00		
33 11 13	6" Cutting-In-Sleeve	1	Each	439.86	274.74	714.60	714.60	420.00	380.00	800.00	800.00	410.00	250.00	660.00	660.00		
33 11 13	4" Cutting-In-Sleeve	1	Each	348.71	274.74	623.45	623.45	350.00	300.00	650.00	650.00	320.00	250.00	570.00	570.00		
33 12 13	Water Service Connection Installed	6	Each	14.95	386.74	401.69	2,410.14	400.00	800.00	1,200.00	7,200.00	335.00	430.00	765.00	4,590.00		
33 12 13	Water Service Line Installed	280	L.F.	4.47	8.41	12.88	3,606.40	7.00	18.00	25.00	7,000.00	13.00	22.00	35.00	9,800.00		
33 12 16	12" Gate Valve with Box	6	Each	1,716.70	153.64	1,870.34	11,222.04	1,400.00	600.00	2,000.00	12,000.00	1,600.00	800.00	2,400.00	14,400.00		
33 12 16	6" Gate Valve with Box	1	Each	637.96	127.28	765.24	765.24	950.00	800.00	1,750.00	1,750.00	650.00	450.00	1,100.00	1,100.00		
33 12 19	Fire Hydrant Installed	2	Each	829.45	400.74	1,230.19	2,460.38	200.00	800.00	1,000.00	2,000.00	0.00	2,200.00	2,200.00	4,400.00		
33 31 00	6" Sanitary Sewer Lateral	70	L.F.	12.35	25.62	37.97	2,657.90	8.00	50.00	58.00	4,060.00	23.00	27.00	50.00	3,500.00		
33 31 00	6" - 90° Bend	2	Each	12.35	0.00	12.35	24.70	20.00	100.00	120.00	240.00	13.00	150.00	163.00	326.00		
33 31 00	6" - 45° Bend	1	Each	24.87	0.00	24.87	24.87	20.00	100.00	120.00	120.00	12.00	150.00	162.00	162.00		
33 31 00	6" Cap	2	Each	6.45	0.00	6.45	12.90	15.00	95.00	110.00	220.00	10.00	150.00	160.00	320.00		
Spec	Paver Brick Drive Removed and Installed	235	S.F.	1.20	5.45	6.65	1,562.75	2.00	4.00	6.00	1,410.00	1.00	12.00	13.00	3,055.00		
Spec	Mailboxes Removed and Reset	1	L.S.	43.20	676.34	719.54	719.54	100.00	400.00	500.00	500.00	50.00	100.00	150.00	150.00		
Spec	12" Inserta Tee Connection	5	Each	276.30	52.72	329.02	1,645.10	350.00	250.00	600.00	3,000.00	350.00	200.00	550.00	2,750.00		
Spec	Bond Expense	1	L.S.	0.00	4,546.80	4,546.80	4,546.80	6,300.00	0.00	6,300.00	6,300.00	0.00	5,000.00	5,000.00	5,000.00		
Total:							<u>\$377,085.42</u>					<u>\$403,955.15</u>					<u>\$456,126.00</u>