

VILLAGE OF NEW BREMEN

Bear Drive Reconstruction

Bid Breakdown

Bid Date: Tuesday, May 31, 2011, 11:00 a.m.

Engineer's Estimate: \$263,056 Base Bid
 \$329,563 Alternate #1
 \$ 33,328 Alternate #2

Item	Description	Quantity	Tumbusch Construction				PAB Construction				
			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											
201	Clearing and Grubbing	1	Lump	0.00	107.00	107.00	107.00	0.00	1,200.00	1,200.00	1,200.00
202	Inlet Removed	3	Each	12.09	47.84	59.93	179.79	0.00	100.00	100.00	300.00
202	Manhole Removed	1	Each	84.64	27.38	112.02	112.02	0.00	300.00	300.00	300.00
202	6" Pipe Removed	12	L.F.	4.03	4.23	8.26	99.12	4.00	8.00	12.00	144.00
202	10" Pipe Removed	12	L.F.	4.03	4.23	8.26	99.12	4.00	8.00	12.00	144.00
202	12" Pipe Removed	76	L.F.	3.18	0.79	3.97	301.72	4.00	8.00	12.00	912.00
202	15" Pipe Removed	49	L.F.	3.21	3.67	6.88	337.12	4.00	8.00	12.00	588.00
202	Valve Removed	1	Each	315.09	585.80	900.89	900.89	300.00	700.00	1,000.00	1,000.00
202	Concrete Pavement Removed, Drives	343	S.Y.	0.00	3.46	3.46	1,186.78	0.00	9.00	9.00	3,087.00
202	Concrete Curb & Gutter Removed	1309	L.F.	0.00	0.68	0.68	890.12	0.00	3.00	3.00	3,927.00
202	Walk Removed	1657	S.F.	0.00	0.22	0.22	364.54	0.00	1.50	1.50	2,485.50
203	Excavation, As Per Plan	830	C.Y.	0.00	4.01	4.01	3,328.30	0.00	10.00	10.00	8,300.00
204	Subgrade Compaction	2517	S.Y.	0.00	0.27	0.27	679.59	0.00	1.00	1.00	2,517.00
204	Subgrade Preparation, As Per Plan	443	C.Y.	18.14	19.80	37.94	16,807.42	22.00	10.00	32.00	14,176.00
204	Subgrade Stabilization, Geogrid Placement	2005	S.Y.	8.54	0.56	9.10	18,245.50	5.00	2.00	7.00	14,035.00
301	Asphalt Concrete Base	288.7	C.Y.	0.00	121.65	121.65	35,120.36	80.00	40.00	120.00	34,644.00
304	Aggregate Base, As Per Plan	279	C.Y.	13.13	16.25	29.38	8,197.02	19.00	9.00	28.00	7,812.00
408	Prime Coat	832	Gal.	0.00	2.82	2.82	2,346.24	2.75	0.50	3.25	2,704.00
448	Asphalt Concrete Intermediate Course, Type 2, PG 64-2	101.1	C.Y.	0.00	128.55	128.55	12,996.41	80.00	44.00	124.00	12,536.40
448	Asphalt Concrete Surface Course, Type 1, PG 64-22	72.2	C.Y.	0.00	146.84	146.84	10,601.85	85.00	55.00	140.00	10,108.00
452	Non-Reinforced Concrete Pavement	341	S.Y.	0.58	37.70	38.28	13,053.48	20.00	22.00	42.00	14,322.00
603	4" Storm Drain Repair	1	Each	25.79	81.40	107.19	107.19	18.00	2.00	20.00	20.00
603	6" Storm Drain Repair	1	Each	54.04	81.40	135.44	135.44	26.00	4.00	30.00	30.00
603	8" Storm Drain Repair	1	Each	94.37	81.40	175.77	175.77	32.00	8.00	40.00	40.00
603	12" Storm Drain Repair	1	Each	156.97	81.40	238.37	238.37	75.00	25.00	100.00	100.00
603	6" Conduit, Type "C" (707.33)	21	L.F.	6.94	15.70	22.64	475.44	10.00	13.00	23.00	483.00
603	6" Cap, Type "C" (707.33)	1	Each	42.83	26.58	69.41	69.41	8.00	12.00	20.00	20.00
603	8" Conduit, Type "B" (707.33)	342	L.F.	4.62	16.14	20.76	7,099.92	10.00	13.00	23.00	7,866.00
603	8" x 8" Tee, Type "C" (707.33)	15	Each	28.46	14.18	42.64	639.60	70.00	80.00	150.00	2,250.00
603	8" Cap, Type "C" (707.33)	31	Each	3.78	0.00	3.78	117.18	8.00	12.00	20.00	620.00
603	15" x 8" Tee, Type "B" (707.33)	1	Each	160.71	106.32	267.03	267.03	200.00	100.00	300.00	300.00
603	12" Conduit, Type "B" (707.33)	99	L.F.	10.53	14.90	25.43	2,517.57	16.00	13.00	29.00	2,871.00
603	15" Conduit, Type "B" (707.33)	238	L.F.	9.51	13.75	23.26	5,535.88	17.00	13.00	30.00	7,140.00
603	18" Conduit, Type "B" (707.33)	352	L.F.	20.65	15.78	36.43	12,823.36	19.00	16.00	35.00	12,320.00
603	18" End Cap, Type "B" (707.33)	1	Each	26.15	0.00	26.15	26.15	75.00	50.00	125.00	125.00
603	24" Conduit, Type "B" (707.33)	98	L.F.	30.22	25.29	55.51	5,439.98	29.00	20.00	49.00	4,802.00
604	Inlet, As Per Plan	8	Each	817.67	530.62	1,348.29	10,786.32	750.00	450.00	1,200.00	9,600.00
604	Storm Manhole, Type "A"	5	Each	874.62	815.69	1,690.31	8,451.55	1,100.00	700.00	1,800.00	9,000.00
604	Manhole Adjusted to Grade	1	Each	32.10	82.72	114.82	114.82	100.00	200.00	300.00	300.00
608	Concrete Walk, As Per Plan	2158	S.F.	0.06	3.37	3.43	7,401.94	1.50	2.00	3.50	7,553.00
608	Curb Ramp with Truncated Domes, As Per Plan	5	Each	0.00	272.85	272.85	1,364.25	200.00	100.00	300.00	1,500.00
609	Combination Curb and Gutter, As Per Plan	1309	L.F.	0.00	9.82	9.82	12,854.38	5.00	5.50	10.50	13,744.50
614	Maintaining Traffic, As Per Plan	1	Lump	0.00	343.12	343.12	343.12	0.00	1,200.00	1,200.00	1,200.00
624	Mobilization	1	Lump	0.00	395.37	395.37	395.37	0.00	3,500.00	3,500.00	3,500.00
625	1" Conduit (725.05), As Per Plan	1309	L.F.	0.00	2.32	2.32	3,036.88	0.75	2.00	2.75	3,599.75
630	Removal of Grd. Mounted Signs and Supports and Reer	1	Lump	74.90	58.28	133.18	133.18	0.00	400.00	400.00	400.00
638	6" Cutting-In Sleeve, Valve, and Valve Box	1	Each	1,367.05	1,222.98	2,590.03	2,590.03	1,700.00	1,300.00	3,000.00	3,000.00
638	Valve Box Adjusted to Grade	1	Each	21.40	53.16	74.56	74.56	0.00	100.00	100.00	100.00
638	Service Box Adjusted to Grade	3	Each	21.40	68.26	89.66	268.98	0.00	100.00	100.00	300.00
659	Seeding & Mulching, As Per Plan	630	S.Y.	0.00	3.45	3.45	2,173.50	1.00	3.00	4.00	2,520.00
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	2081	S.Y.	0.00	1.03	1.03	2,143.43	0.30	0.70	1.00	2,081.00
33 31 00	10" Sanitary Sewer	12	L.F.	24.16	58.07	82.23	986.76	20.00	40.00	60.00	720.00
Spec.	Light Pole Base with Anchor Bolts, As Per Plan	6	Each	0.00	321.84	321.84	1,931.04	120.00	280.00	400.00	2,400.00
Spec.	Mailboxes Removed and Reset	1	Lump	96.30	526.78	623.08	623.08	0.00	500.00	500.00	500.00
Spec.	8" Inserta Tee Connection	9	Each	133.75	53.16	186.91	1,682.19	125.00	100.00	225.00	2,025.00
Spec	Bond Expense	1	Lump	0.00	1,592.96	1,592.96	1,592.96	3,100.00	0.00	3,100.00	3,100.00
Total Base Bid						\$220,571.01				\$241,372.15	

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Bear Drive Reconstruction

Bid Breakdown

Bid Date: Tuesday, May 31, 2011, 11:00 a.m.
 Engineer's Estimate: \$263,056 Base Bid
 \$329,563 Alternate #1
 \$ 33,328 Alternate #2

Item	Description	Quantity	Tumbusch Construction				PAB Construction			
			Material Unit Cost	Labor Unit Cost	Total Unit Cost	Total Cost	Material Unit Cost	Labor Unit Cost	Total Unit Cost	Total Cost
Alternate No. 1 Schedule										
201	Clearing and Grubbing	1 Lump	0.00	0.00	0.00	0.00	0.00	1,800.00	1,800.00	1,800.00
202	Inlet Removed	2 Each	11.98	47.40	59.38	118.76	0.00	100.00	100.00	200.00
202	Manhole Removed	1 Each	83.85	27.13	110.98	110.98	0.00	300.00	300.00	300.00
202	6" Pipe Removed	15 L.F.	4.00	4.19	8.19	122.85	4.00	8.00	12.00	180.00
202	12" Pipe Removed	39 L.F.	3.15	0.78	3.93	153.27	4.00	8.00	12.00	468.00
202	15" Pipe Removed	5 L.F.	3.18	3.64	6.82	34.10	4.00	8.00	12.00	60.00
202	Concrete Pavement Removed, Drives	743 S.Y.	0.00	3.45	3.45	2,563.35	0.00	9.00	9.00	6,687.00
202	Concrete Curb & Gutter Removed	1840 L.F.	0.00	0.67	0.67	1,232.80	0.00	3.00	3.00	5,520.00
202	Walk Removed	2160 S.F.	0.00	0.21	0.21	453.60	0.00	1.50	1.50	3,240.00
203	Excavation, As Per Plan	1144 C.Y.	0.00	3.99	3.99	4,564.56	0.00	10.00	10.00	11,440.00
204	Subgrade Compaction	3270 S.Y.	0.00	0.27	0.27	882.90	0.00	1.00	1.00	3,270.00
204	Subgrade Preparation, As Per Plan	607 C.Y.	17.97	19.61	37.58	22,811.06	22.00	10.00	32.00	19,424.00
204	Subgrade Stabilization, Geogrid Placement	2746 S.Y.	8.46	0.55	9.01	24,741.46	5.00	2.00	7.00	19,222.00
301	Asphalt Concrete Base	369 C.Y.	0.00	120.52	120.52	44,471.88	80.00	40.00	120.00	44,280.00
304	Aggregate Base, As Per Plan	382 C.Y.	13.01	16.11	29.12	11,123.84	19.00	9.00	28.00	10,696.00
408	Prime Coat	1063 Gal.	0.00	2.80	2.80	2,976.40	2.75	0.50	3.25	3,454.75
448	Asphalt Concrete Intermediate Course, Type 2, PG 64-2	129.1 C.Y.	0.00	127.36	127.36	16,442.18	80.00	44.00	124.00	16,008.40
448	Asphalt Concrete Surface Course, Type 1, PG 64-22	92.2 C.Y.	0.00	145.45	145.45	13,410.49	85.00	55.00	140.00	12,908.00
452	Non-Reinforced Concrete Pavement	757 S.Y.	0.58	37.34	37.92	28,705.44	20.00	22.00	42.00	31,794.00
603	8" Conduit, Type "B" (707.33)	511 L.F.	4.58	15.98	20.56	10,506.16	10.00	13.00	23.00	11,753.00
603	8" x 8" Tee, Type "C" (707.33)	19 Each	28.20	14.05	42.25	802.75	70.00	80.00	150.00	2,850.00
603	8" Cap, Type "C" (707.33)	39 Each	3.74	0.00	3.74	145.86	8.00	12.00	20.00	780.00
603	12" Conduit, Type "B" (707.33)	305 L.F.	10.43	14.77	25.20	7,686.00	16.00	13.00	29.00	8,845.00
603	12" x 8" Tee, Type "C" (707.33)	1 Each	169.93	202.95	372.88	372.88	150.00	100.00	250.00	250.00
603	18" Conduit, Type "B" (707.33)	605 L.F.	20.46	15.64	36.10	21,840.50	19.00	16.00	35.00	21,175.00
604	Inlet, As Per Plan	4 Each	810.03	525.66	1,335.69	5,342.76	750.00	450.00	1,200.00	4,800.00
604	Storm Manhole, Type "A"	3 Each	866.44	808.07	1,674.51	5,023.53	1,100.00	700.00	1,800.00	5,400.00
604	Manhole Adjusted to Grade	2 Each	31.80	81.95	113.75	227.50	100.00	200.00	300.00	600.00
608	Concrete Walk, As Per Plan	2505 S.F.	0.06	3.35	3.41	8,542.05	1.50	2.00	3.50	8,767.50
609	Combination Curb and Gutter, As Per Plan	1840 L.F.	0.00	9.73	9.73	17,903.20	5.00	5.50	10.50	19,320.00
614	Maintaining Traffic, As Per Plan	1 Lump	0.00	1,505.20	1,505.20	1,505.20	0.00	1,800.00	1,800.00	1,800.00
625	1" Conduit (725.05), As Per Plan	1840 L.F.	0.00	1.09	1.09	2,005.60	0.75	2.00	2.75	5,060.00
630	Removal of Grd. Mounted Signs and Supports and Rec	1 Lump	37.10	150.29	187.39	187.39	0.00	600.00	600.00	600.00
638	Valve Box Adjusted to Grade	1 Each	21.20	52.66	73.86	73.86	0.00	100.00	100.00	100.00
638	Service Box Adjusted to Grade	7 Each	21.20	67.62	88.82	621.74	0.00	100.00	100.00	700.00
659	Seeding & Mulching, As Per Plan	770 S.Y.	0.00	3.41	3.41	2,625.70	1.00	3.00	4.00	3,080.00
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	2657 S.Y.	0.00	1.03	1.03	2,736.71	0.30	0.70	1.00	2,657.00
Spec.	Light Pole Base with Anchor Bolts, As Per Plan	9 Each	0.00	350.73	350.73	3,156.57	120.00	280.00	400.00	3,600.00
Spec.	Mailboxes Removed and Reset	1 Lump	143.10	1,685.15	1,828.25	1,828.25	0.00	800.00	800.00	800.00
Spec.	8" Inserta Tee Connection	15 Each	132.50	52.66	185.16	2,777.40	125.00	100.00	225.00	3,375.00
Spec.	12" Inserta Tee Connection	1 Each	244.86	52.66	297.52	297.52	250.00	150.00	400.00	400.00
Spec.	Bond Expense	1 Lump	0.00	3,908.80	3,908.80	3,908.80	4,300.00	0.00	4,300.00	4,300.00
Total Alternate No. 1						\$275,037.85				\$301,964.65
					<i>* written total on bid proposal</i>	<i>\$275,143.85 *</i>				
Alternate No. 2 Schedule										
254	Pavement Planing, Asphalt Concrete	1089 S.Y.	0.00	4.36	4.36	4,748.04	0.00	5.00	5.00	5,445.00
407	Tack Coat	526 Gal.	0.00	2.05	2.05	1,078.30	2.00	1.00	3.00	1,578.00
448	Asphalt Concrete Surface Course, Type 1, PG 64-22	91.4 C.Y.	0.00	139.45	139.45	12,745.73	85.00	55.00	140.00	12,796.00
604	Manhole Adjusted to Grade	5 Each	30.75	79.24	109.99	549.95	100.00	400.00	500.00	2,500.00
614	Maintaining Traffic, As Per Plan	1 Lump	0.00	102.50	102.50	102.50	0.00	1,000.00	1,000.00	1,000.00
624	Mobilization	1 Lump	0.00	102.50	102.50	102.50	0.00	2,000.00	2,000.00	2,000.00
638	Valve Box Adjusted to Grade	4 Each	20.50	50.92	71.42	285.68	50.00	150.00	200.00	800.00
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	2632 S.Y.	0.00	0.97	0.97	2,553.04	0.30	0.70	1.00	2,632.00
Spec.	Bond Expense	1 Lump	0.00	260.35	260.35	260.35	500.00	0.00	500.00	500.00
Total Alternate No. 2						\$22,426.09				\$29,251.00