

VILLAGE OF NEW BREMEN
Circle Drive Reconstruction

Bid Breakdown

Bid Date: Tuesday, December 22, 2015 @ 11:00 AM
Engineer's Estimate: \$ 666,500.00 - Base Bid

Item	Description	Quantity		PAB Construction Co.				Brumbaugh Construction, Inc.				Hume Supply, Inc.			
				<i>Material</i> <u>Unit Cost</u>	<i>Labor</i> <u>Cost</u>	<i>Total</i> <u>Unit Cost</u>	<i>Total</i> <u>Cost</u>	<i>Material</i> <u>Unit Cost</u>	<i>Labor</i> <u>Cost</u>	<i>Total</i> <u>Unit Cost</u>	<i>Total</i> <u>Cost</u>	<i>Material</i> <u>Unit Cost</u>	<i>Labor</i> <u>Cost</u>	<i>Total</i> <u>Unit Cost</u>	<i>Total</i> <u>Cost</u>
Base Bid															
202	Walk Removed	3,950	S.F.	0.00	1.25	1.25	4,937.50	0.75	0.75	1.50	5,925.00	0.00	0.95	0.95	3,752.50
202	Curb & Gutter Removed	3,790	L.F.	0.00	3.00	3.00	11,370.00	0.90	0.85	1.75	6,632.50	0.00	2.66	2.66	10,081.40
202	Concrete Pavement Removed, Drives	886	S.Y.	0.00	12.00	12.00	10,632.00	5.50	6.50	12.00	10,632.00	0.00	15.60	15.60	13,821.60
202	Catch Basin Removed	10	Each	0.00	200.00	200.00	2,000.00	90.00	145.00	235.00	2,350.00	0.00	232.64	232.64	2,326.40
202	Pipe Removed	55	L.F.	0.00	16.00	16.00	880.00	1.35	6.00	7.35	404.25	0.00	17.46	17.46	960.30
203	Excavation, As Per Plan	2000	C.Y.	0.00	15.00	15.00	30,000.00	10.00	6.00	16.00	32,000.00	0.00	11.67	11.67	23,340.00
204	Subgrade Compaction & Proof Rolling, As Per Plan	6565	S.Y.	0.00	0.80	0.80	5,252.00	0.30	0.45	0.75	4,923.75	0.30	0.37	0.67	4,398.55
204	Subgrade Preparation	100	C.Y.	25.00	20.00	45.00	4,500.00	28.00	8.00	36.00	3,600.00	4.11	4.71	8.82	882.00
204	Subgrade Stabilization, Geogrid Placement	600	S.Y.	4.00	1.00	5.00	3,000.00	4.50	0.70	5.20	3,120.00	4.24	2.12	6.36	3,816.00
301	Asphalt Concrete Base	735	C.Y.	80.00	30.00	110.00	80,850.00	73.00	37.00	110.00	80,850.00	67.24	67.24	134.48	98,842.80
304	Aggregate Base, As Per Plan	800	C.Y.	24.00	12.00	36.00	28,800.00	30.00	8.00	38.00	30,400.00	30.63	6.91	37.54	30,032.00
407	Tack Coat for Intermeditate Course	212	Gal.	2.00	1.00	3.00	636.00	1.70	0.60	2.30	487.60	1.15	1.15	2.30	487.60
441	Asphalt Concrete Surface Type 1 (448), PG 64-22	184	C.Y.	90.00	50.00	140.00	25,760.00	102.00	46.00	148.00	27,232.00	83.91	83.91	167.82	30,878.88
441	Asphalt Concrete Intermediate Type 2 (448)	257.7	C.Y.	80.00	40.00	120.00	30,924.00	86.00	39.00	125.00	32,212.50	70.11	70.12	140.23	36,137.27
452	Non-Reinforced Concrete Pavement	896	S.Y.	20.00	30.00	50.00	44,800.00	34.00	29.00	63.00	56,448.00	24.14	24.14	48.28	43,258.88
608	Concrete Walk, As Per Plan	4,059	S.F.	2.00	3.00	5.00	20,295.00	3.00	3.00	6.00	24,354.00	2.22	2.22	4.44	18,021.96
608	Curb Ramp with Truncated Domes	4	Each	150.00	150.00	300.00	1,200.00	315.00	485.00	800.00	3,200.00	189.66	189.65	379.31	1,517.24
609	Combination Curb & Gutter, As Per Plan	3,790	L.F.	6.00	8.00	14.00	53,060.00	7.65	6.50	14.15	53,628.50	7.59	7.59	15.18	57,532.20
611	4" Storm Drain Repair	1	Each	50.00	25.00	75.00	75.00	25.00	25.00	50.00	50.00	16.67	107.16	123.83	123.83
611	6" Storm Drain Repair	1	Each	70.00	30.00	100.00	100.00	45.00	25.00	70.00	70.00	29.05	107.00	136.05	136.05
611	8" Storm Drain Repair	1	Each	75.00	50.00	125.00	125.00	55.00	35.00	90.00	90.00	56.20	117.00	173.20	173.20
611	12" Storm Drain Repair	1	Each	100.00	75.00	175.00	175.00	65.00	45.00	110.00	110.00	111.76	113.00	224.76	224.76
611	8" Conduit Type 'B' (707.33)	885	L.F.	12.00	17.00	29.00	25,665.00	12.50	7.50	20.00	17,700.00	22.26	9.11	31.37	27,762.45
611	12" Conduit Type 'B' (707.33)	1357	L.F.	12.00	18.00	30.00	40,710.00	16.40	10.60	27.00	36,639.00	24.21	7.80	32.01	43,437.57
611	8" x 8" Tee (707.33)	38	Each	50.00	25.00	75.00	2,850.00	37.00	11.00	48.00	1,824.00	39.00	1.93	40.93	1,555.34
611	8" x 6" Reducer (707.33)	1	Each	50.00	25.00	75.00	75.00	22.50	8.50	31.00	31.00	35.70	53.50	89.20	89.20
611	8" x 4" Reducer (707.33)	2	Each	50.00	25.00	75.00	150.00	20.50	8.50	29.00	58.00	25.30	53.50	78.80	157.60
611	8" Cap	70	Each	12.00	8.00	20.00	1,400.00	8.00	6.00	14.00	980.00	7.52	27.50	35.02	2,451.40
611	Storm Manhole, Type 'A'	7	Each	1,300.00	700.00	2,000.00	14,000.00	1,100.00	650.00	1,750.00	12,250.00	1,057.06	448.00	1,505.06	10,535.42
611	Inlet, As Per Plan	10	Each	800.00	600.00	1,400.00	14,000.00	910.00	325.00	1,235.00	12,350.00	730.00	0.00	730.00	7,300.00
611	Manhole Reconstructed To Grade	5	Each	0.00	400.00	400.00	2,000.00	465.00	260.00	725.00	3,625.00	349.28	670.00	1,019.28	5,096.40

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			PAB Construction Co.				Brumbaugh Construction, Inc.				Hume Supply, Inc.				
<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	
Base Bid Cont'd.															
611	Manhole Adjusted to Grade	7	Each	0.00	400.00	400.00	2,800.00	55.00	120.00	175.00	1,225.00	153.55	365.00	518.55	3,629.85
614	Maintaining Traffic, As Per Plan	1	Lump	0.00	6,000.00	6,000.00	6,000.00	11,500.00	6,500.00	18,000.00	18,000.00	809.20	800.00	1,609.20	1,609.20
624	Mobilization	1	Lump	0.00	8,000.00	8,000.00	8,000.00	4,000.00	16,709.40	20,709.40	20,709.40	1,130.00	400.00	1,530.00	1,530.00
625	1" Conduit (725.051)	1620	L.F.	1.50	3.50	5.00	8,100.00	1.80	3.20	5.00	8,100.00	7.52	4.70	12.22	19,796.40
630	Removal of Grnd. Mtd. Signs, Supports & Reinstall	1	Lump	0.00	1,000.00	1,000.00	1,000.00	160.00	450.00	610.00	610.00	231.03	200.00	431.03	431.03
642	Stop Line	26	L.F.	2.00	10.00	12.00	312.00	5.90	2.50	8.40	218.40	6.79	7.00	13.79	358.54
642	Crosswalk Line	153	L.F.	1.00	7.00	8.00	1,224.00	2.95	1.25	4.20	642.60	2.00	2.60	4.60	703.80
659	Seeding & Mulching, Per Plan	870	S.Y.	2.00	4.00	6.00	5,220.00	4.30	4.35	8.65	7,525.50	8.87	2.76	11.63	10,118.10
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	5300	S.Y.	0.30	0.90	1.20	6,360.00	0.65	0.35	1.00	5,300.00	1.00	0.21	1.21	6,413.00
Spec.	8" Inserta Tee Connection	25	Each	225.00	75.00	300.00	7,500.00	147.00	33.00	180.00	4,500.00	179.29	117.00	296.29	7,407.25
Spec.	Drain Line Curb Openings, As Per Plan	2	Each	300.00	300.00	600.00	1,200.00	80.00	20.00	100.00	200.00	118.82	88.00	206.82	413.64
Spec.	Light Pole Base & Anchor Bolts, Per Plan	10	Each	175.00	300.00	475.00	4,750.00	165.00	260.00	425.00	4,250.00	253.45	250.00	503.45	5,034.50
Spec.	Bond Expense	1	Lump	9,000.00	0.00	9,000.00	9,000.00	6,975.00	0.00	6,975.00	6,975.00	10,606.90	0.00	10,606.90	10,606.90
Total Base Bid						\$521,687.50				\$542,433.00				\$547,183.01	

			VTF Excavation LLC				Helms & Sons Excavating, Inc.				
<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	<u>Material Unit Cost</u>	<u>Labor Cost</u>	<u>Total Unit Cost</u>	<u>Total Cost</u>	
Base Bid											
202	Walk Removed	3,950	S.F.	0.43	1.11	1.54	6,083.00	0.00	1.25	1.25	4,937.50
202	Curb & Gutter Removed	3,790	L.F.	0.00	3.22	3.22	12,203.80	0.00	2.50	2.50	9,475.00
202	Concrete Pavement Removed, Drives	886	S.Y.	2.85	7.44	10.29	9,116.94	0.00	10.75	10.75	9,524.50
202	Catch Basin Removed	10	Each	20.00	60.52	80.52	805.20	0.00	150.00	150.00	1,500.00
202	Pipe Removed	55	L.F.	5.51	5.04	10.55	580.25	0.00	7.25	7.25	398.75
203	Excavation, As Per Plan	2000	C.Y.	7.49	6.82	14.31	28,620.00	0.00	16.75	16.75	33,500.00
204	Subgrade Compaction & Proof Rolling, As Per Plan	6565	S.Y.	0.00	0.55	0.55	3,610.75	0.00	1.00	1.00	6,565.00
204	Subgrade Preparation	100	C.Y.	30.42	15.19	45.61	4,561.00	22.00	28.00	50.00	5,000.00
204	Subgrade Stabilization, Geogrid Placement	600	S.Y.	4.47	0.62	5.09	3,054.00	3.50	2.00	5.50	3,300.00
301	Asphalt Concrete Base	735	C.Y.	60.00	62.18	122.18	89,802.30	100.00	22.75	122.75	90,221.25
304	Aggregate Base, As Per Plan	800	C.Y.	24.80	14.47	39.27	31,416.00	22.00	11.25	33.25	26,600.00
407	Tack Coat for Intermeditate Course	212	Gal.	2.69	0.00	2.69	570.28	2.00	0.50	2.50	530.00
441	Asphalt Concrete Surface Type 1 (448), PG 64-22	184	C.Y.	63.80	102.01	165.81	30,509.04	116.00	37.25	153.25	28,198.00
441	Asphalt Concrete Intermediate Type 2 (448)	257.7	C.Y.	60.00	71.30	131.30	33,836.01	110.00	18.00	128.00	32,985.60

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Bid Breakdown

Item	Description	Quantity		VTF Excavation LLC				Helms & Sons Excavation, Inc.			
				<u>Material</u> <u>Unit Cost</u>	<u>Labor</u> <u>Cost</u>	<u>Total</u> <u>Unit Cost</u>	<u>Total</u> <u>Cost</u>	<u>Material</u> <u>Unit Cost</u>	<u>Labor</u> <u>Cost</u>	<u>Total</u> <u>Unit Cost</u>	<u>Total</u> <u>Cost</u>
Base Bid Cont.											
452	Non-Reinforced Concrete Pavement	896	S.Y.	25.53	35.80	61.33	54,951.68	20.00	36.00	56.00	50,176.00
608	Concrete Walk, As Per Plan	4,059	S.F.	2.79	2.64	5.43	22,040.37	2.00	3.75	5.75	23,339.25
608	Curb Ramp with Truncated Domes	4	Each	288.36	264.94	553.30	2,213.20	300.00	115.00	415.00	1,660.00
609	Combination Curb & Gutter, As Per Plan	3,790	L.F.	5.00	9.38	14.38	54,500.20	6.00	8.75	14.75	55,902.50
611	4" Storm Drain Repair	1	Each	24.55	147.74	172.29	172.29	50.00	25.00	75.00	75.00
611	6" Storm Drain Repair	1	Each	52.86	147.75	200.61	200.61	75.00	25.00	100.00	100.00
611	8" Storm Drain Repair	1	Each	90.07	147.74	237.81	237.81	100.00	25.00	125.00	125.00
611	12" Storm Drain Repair	1	Each	137.66	147.75	285.41	285.41	125.00	25.00	150.00	150.00
611	8" Conduit Type 'B' (707.33)	885	L.F.	22.75	19.76	42.51	37,621.35	21.00	34.00	55.00	48,675.00
611	12" Conduit Type 'B' (707.33)	1357	L.F.	21.42	14.71	36.13	49,028.41	25.00	34.75	59.75	81,080.75 *
611	8" x 8" Tee (707.33)	38	Each	35.93	36.94	72.87	2,769.06	56.00	34.00	90.00	3,420.00
611	8" x 6" Reducer (707.33)	1	Each	38.66	36.95	75.61	75.61	40.00	35.00	75.00	75.00
611	8" x 4" Reducer (707.33)	2	Each	35.43	36.94	72.37	144.74	37.00	33.00	70.00	140.00
611	8" Cap	70	Each	7.86	5.28	13.14	919.80	9.00	31.00	40.00	2,800.00
611	Storm Manhole, Type 'A'	7	Each	1,911.94	1,038.95	2,950.89	20,656.23	1,075.00	900.00	1,975.00	13,825.00
611	Inlet, As Per Plan	10	Each	1,410.90	692.63	2,103.53	21,035.30	1,150.00	900.00	2,050.00	20,500.00
611	Manhole Reconstructed To Grade	5	Each	0.00	615.68	615.68	3,078.40	725.00	400.00	1,125.00	5,625.00
611	Manhole Adjusted to Grade	7	Each	0.00	461.75	461.75	3,232.25	600.00	225.00	825.00	5,775.00
614	Maintaining Traffic, As Per Plan	1	Lump	1,755.00	590.99	2,345.99	2,345.99	0.00	2,200.00	2,200.00	2,200.00
624	Mobilization	1	Lump	8,307.00	3,351.82	11,658.82	11,658.82	0.00	9,750.00	9,750.00	9,750.00
625	1" Conduit (725.051)	1620	L.F.	1.18	2.00	3.18	5,151.60	0.75	5.00	5.75	9,315.00
630	Removal of Grnd. Mtd. Signs, Supports & Reinstall	1	Lump	100.00	515.89	615.89	615.89	0.00	920.00	920.00	920.00
642	Stop Line	26	L.F.	5.00	6.70	11.70	304.20	1.00	8.00	9.00	234.00
642	Crosswalk Line	153	L.F.	2.00	3.85	5.85	895.05	1.00	4.00	5.00	765.00
659	Seeding & Mulching, Per Plan	870	S.Y.	5.43	3.84	9.27	8,064.90	0.50	5.25	5.75	5,002.50
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	5300	S.Y.	0.70	0.40	1.10	5,830.00	0.50	0.50	1.00	5,300.00
Spec.	8" Inserta Tee Connection	25	Each	142.20	73.88	216.08	5,402.00	100.00	65.00	165.00	4,125.00
Spec.	Drain Line Curb Openings, As Per Plan	2	Each	101.79	73.88	175.67	351.34	100.00	105.00	205.00	410.00
Spec.	Light Pole Base & Anchor Bolts, Per Plan	10	Each	200.00	312.46	512.46	5,124.60	100.00	385.00	485.00	4,850.00
Spec.	Bond Expense	1	Lump	3,988.39	0.00	3,988.39	3,988.39	0.00	5,650.00	5,650.00	5,650.00
Total Base Bid				<u>\$577,664.07</u>				<u>\$614,700.60</u>			

*Bid amount changed to correct mathematical error.