

**1.10 BID TABULATION**

City of Muskegon Engineering Department	Project Engineer:	JB	Date:	4/14/2021
	Project Number:	H92037/H92046		
	Project description:	Monroe Street & Alley Improvements		
	Engineer's Estimate:	\$	273,934.15	

	Engineers Estimate	Jackson-Merkey Cont.	Wadel Stabilization Inc
<b>H 92037 Monroe, Third to Fourth</b>	\$ 168,643.20	\$ <b>174,646.25</b>	\$ 188,524.00
<b>H 92046 Alley Improvements</b>	\$ 105,290.95	\$ <b>163,616.60</b>	\$ 231,852.00

<b>BID TOTAL:</b>	\$ 273,934.15	\$ <b>338,262.85</b>	\$ 420,376.00
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**1.10 BID TABULATION**

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City of Muskegon Engineering Department			Project Engineer: KP		Date: 3/11/2021					
			Project Number: H92037							
			Project description: Monroe, Third to Fourth							
			Engineer's Estimate: \$ 168,643.20							
				Engineers Estimate			JMC		Wadel Stabilization Inc	
Line Item	Pay Code	Description	Units	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	1500001	Mobilization, Max	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 12,500.00	\$ 12,500.00	\$ 13,925.00	\$ 13,925.00
2	2040055	Sidewalk, Rem	Syd	184	\$ 5.00	\$ 920.00	\$ 15.00	\$ 2,760.00	\$ 11.50	\$ 2,116.00
3	2047011	Pavt, Rem, Modified	Syd	1267	\$ 5.00	\$ 6,335.00	\$ 7.80	\$ 9,882.60	\$ 7.10	\$ 8,995.70
4	2057002	Machine Grading, Modified	Sta	4.2	\$ 1,500.00	\$ 6,300.00	\$ 1,790.00	\$ 7,518.00	\$ 2,175.00	\$ 9,135.00
5	2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	4	\$ 100.00	\$ 400.00	\$ 180.00	\$ 720.00	\$ 130.00	\$ 520.00
6	2090001	Project Cleanup	LSUM	1	\$ 1,000.00	\$ 1,000.00	\$ 1,790.00	\$ 1,790.00	\$ 860.00	\$ 860.00
7	3020020	Aggregate Base, 8 inch	Syd	1127	\$ 8.00	\$ 9,016.00	\$ 12.00	\$ 13,524.00	\$ 12.50	\$ 14,087.50
8	3060021	Maintenance Gravel, LM	Cyd	5	\$ 20.00	\$ 100.00	\$ 24.00	\$ 120.00	\$ 27.80	\$ 139.00
9	5010025	Hand Patching	Ton	2	\$ 200.00	\$ 400.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00
10	5010051	HMA, 4E3	Ton	284	\$ 95.00	\$ 26,980.00	\$ 92.60	\$ 26,298.40	\$ 92.60	\$ 26,298.40
11	8010007	Driveway, Nonreinf Conc, 8 inch	Syd	98	\$ 40.00	\$ 3,920.00	\$ 45.00	\$ 4,410.00	\$ 45.00	\$ 4,410.00
12	8020038	Curb and Gutter, Conc, Det F4	Ft	696	\$ 20.00	\$ 13,920.00	\$ 18.50	\$ 12,876.00	\$ 18.50	\$ 12,876.00
13	8030044	Sidewalk, Conc, 4 inch	Sft	434	\$ 3.00	\$ 1,302.00	\$ 4.00	\$ 1,736.00	\$ 4.00	\$ 1,736.00
14	8030046	Sidewalk, Conc, 6 inch	Sft	296	\$ 4.00	\$ 1,184.00	\$ 4.00	\$ 1,184.00	\$ 4.00	\$ 1,184.00
15	8120022	Barricade, Type III, High Intensity, Lighted, Furn	Ea	4	\$ 50.00	\$ 200.00	\$ 70.00	\$ 280.00	\$ 85.00	\$ 340.00
16	8120023	Barricade, Type III, High Intensity, Lighted, Oper	Ea	4	\$ 1.00	\$ 4.00	\$ 1.00	\$ 4.00	\$ 5.00	\$ 20.00
17	8120170	Minor Traf Devices	LSUM	1	\$ 5,000.00	\$ 5,000.00	\$ 2,270.00	\$ 2,270.00	\$ 2,250.00	\$ 2,250.00
18	8120250	Plastic Drum, High Intensity, Furn	Ea	25	\$ 20.00	\$ 500.00	\$ 17.00	\$ 425.00	\$ 17.00	\$ 425.00

City of Muskegon Engineering Department	Project Engineer:	KP	Date:	3/11/2021
	Project Number:	H92037		
	Project description:	Monroe, Third to Fourth		
	Engineer's Estimate:	\$ 168,643.20		

				Engineers Estimate	JMC	Wadel Stabilization Inc
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PAGE 1 TOTAL \$ 92,481.00 \$ 98,598.00 \$ 99,617.60

					Engineers Estimate		JMC		Wadel Stabilization Inc	
					Unit Price	Total	Unit Price	Total	Unit Price	Total
19	8120251	Plastic Drum, High Intensity, Oper	Ea	25	\$ 1.00	\$ 25.00	\$ 1.00	\$ 25.00	\$ 1.00	\$ 25.00
20	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	148	\$ 5.50	\$ 814.00	\$ 4.00	\$ 592.00	\$ 4.00	\$ 592.00
21	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	148	\$ 1.00	\$ 148.00	\$ 1.00	\$ 148.00	\$ 1.00	\$ 148.00
22	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	Sft	8	\$ 8.56	\$ 68.48	\$ 7.00	\$ 56.00	\$ 7.00	\$ 56.00
23	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	Sft	8	\$ 1.34	\$ 10.72	\$ 1.00	\$ 8.00	\$ 1.00	\$ 8.00
24	8160062	Topsoil Surface, Furn, 4 inch	Syd	854	\$ 3.00	\$ 2,562.00	\$ 5.70	\$ 4,867.80	\$ 4.00	\$ 3,416.00
25	8167011	Hydroseeding	Syd	854	\$ 1.00	\$ 854.00	\$ 1.50	\$ 1,281.00	\$ 1.00	\$ 854.00
26	8237001	Watermain, DI, 8 inch, Tr Det G, Modified	Ft	406	\$ 70.00	\$ 28,420.00	\$ 79.50	\$ 32,277.00	\$ 67.00	\$ 27,202.00
27	8237001	Water Service, 1 inch, Copper Type k	Ft	527	\$ 30.00	\$ 15,810.00	\$ 35.45	\$ 18,682.15	\$ 36.00	\$ 18,972.00
28	8237001	Water Service, Private Property, 1 inch	Ft	123	\$ 50.00	\$ 6,150.00	\$ 20.60	\$ 2,533.80	\$ 33.80	\$ 4,157.40
29	8237050	Bend, 8 inch, 45 Degree, DI MJ	Ea	4	\$ 350.00	\$ 1,400.00	\$ 760.00	\$ 3,040.00	\$ 555.00	\$ 2,220.00
30	8237050	Sleeve, 8 inch, Long, DI MJ	Ea	2	\$ 450.00	\$ 900.00	\$ 915.00	\$ 1,830.00	\$ 835.00	\$ 1,670.00
31	8237050	Corporation Stop, 1 inch	Ea	15	\$ 350.00	\$ 5,250.00	\$ 105.00	\$ 1,575.00	\$ 737.00	\$ 11,055.00
32	8237050	Curb Stop and Box, 1 inch	Ea	15	\$ 350.00	\$ 5,250.00	\$ 265.50	\$ 3,982.50	\$ 855.00	\$ 12,825.00
33	8237050	Cut and Cap, 6 inch Watermain	Ea	2	\$ 500.00	\$ 1,000.00	\$ 575.00	\$ 1,150.00	\$ 893.00	\$ 1,786.00
34	8237050	Water Service, Building Connection, 1 inch	Ea	5	\$ 1,500.00	\$ 7,500.00	\$ 800.00	\$ 4,000.00	\$ 784.00	\$ 3,920.00
PAGE 2 TOTAL						\$ 76,162.20		\$ 76,048.25		\$ 88,906.40

<b>H 92037 MONROE</b>	<b>TOTAL:</b>	<b>\$ 168,643.20</b>		<b>\$ 174,646.25</b>		<b>\$ 188,524.00</b>
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**1.10 BID TABULATION**

City of Muskegon  
Engineering Department

Project Engineer: JB Date: 3/11/2021  
Project Number: H92046  
Project description: Alley Improvements  
Engineer's Estimate: \$ 105,290.00

Line Item	Pay Code	Description	Units	Quantity	Engineers Estimate		JMC		Wadel Stabilization Inc	
					Unit Price	Total	Unit Price	Total	Unit Price	Total
1	1500001	Mobilization, Max	LSUM	1	\$ 12,000.00	\$ 12,000.00	\$ 13,800.00	\$ 13,800.00	\$ 13,925.00	\$ 13,925.00
2	2030011	Dr Structure, Rem	Ea	8	\$ 351.00	\$ 2,808.00	\$ 600.00	\$ 4,800.00	\$ 763.00	\$ 6,104.00
3	2030015	Sewer, Rem, Less than 24 inch	Ft	400	\$ 13.86	\$ 5,544.00	\$ 30.00	\$ 12,000.00	\$ 10.10	\$ 4,040.00
4	2047011	Pavt, Rem, Modified	Syd	1000	\$ 5.00	\$ 5,000.00	\$ 15.50	\$ 15,500.00	\$ 16.00	\$ 16,000.00
5	2057002	Machine Grading, Modified	Sta	4	\$ 1,500.00	\$ 6,000.00	\$ 2,920.00	\$ 11,680.00	\$ 2,255.00	\$ 9,020.00
6	2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	4	\$ 100.00	\$ 400.00	\$ 160.00	\$ 640.00	\$ 130.00	\$ 520.00
7	2090001	Project Cleanup	LSUM	1	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 860.00	\$ 860.00
8	3020020	Aggregate Base, 8 inch	Syd	890	\$ 8.00	\$ 7,120.00	\$ 15.50	\$ 13,795.00	\$ 14.00	\$ 12,460.00
9	4027001	Sewer, PVC SDR 35, 10 inch, Tr Det B	Ft	15	\$ 35.00	\$ 525.00	\$ 405.00	\$ 6,075.00	\$ 153.00	\$ 2,295.00
10	4027001	Sewer, PVC SDR 35, 12 inch, Tr Det B	Ft	400	\$ 35.00	\$ 14,000.00	\$ 51.50	\$ 20,600.00	\$ 153.00	\$ 61,200.00
11	4027050	Sewer WYE, PVC SDR 35, 12 INCH X 8 INCH	Ea	8	\$ 150.00	\$ 1,200.00	\$ 330.00	\$ 2,640.00	\$ 874.00	\$ 6,992.00
12	4027050	Sewer Lateral, PVC SDR 35, 8 Inch, TR DET B, Modified	Ea	8	\$ 500.00	\$ 4,000.00	\$ 1,270.00	\$ 10,160.00	\$ 478.00	\$ 3,824.00
13	4027050	Sewer Bulkhead, 12 Inch	Ea	2	\$ 200.00	\$ 400.00	\$ 315.00	\$ 630.00	\$ 859.00	\$ 1,718.00
14	4030010	Dr Structure Cover, Type B	Ea	3	\$ 506.15	\$ 1,518.45	\$ 800.00	\$ 2,400.00	\$ 1,045.00	\$ 3,135.00
15	4030025	Dr Structure Cover, Type D	Ea	3	\$ 577.50	\$ 1,732.50	\$ 750.00	\$ 2,250.00	\$ 1,150.00	\$ 3,450.00
16	4030210	Dr Structure, 48 inch dia	Ea	6	\$ 1,500.00	\$ 9,000.00	\$ 1,460.00	\$ 8,760.00	\$ 8,475.00	\$ 50,850.00
17	4030250	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	7	\$ 200.00	\$ 1,400.00	\$ 1,210.00	\$ 8,470.00	\$ 111.00	\$ 777.00
18	4037050	Dr Structure, Adj, Case 1, Modified	Ea	1	\$ 500.00	\$ 500.00	\$ 985.00	\$ 985.00	\$ 625.00	\$ 625.00
					Page 1 sub-total	\$ 74,147.95		\$ 137,185.00		\$ 197,795.00

City of Muskegon Engineering Department	Project Engineer:	JB	Date:	3/11/2021
	Project Number:	H92046		
	Project description:	Alley Improvements		
	Engineer's Estimate:	\$	105,290.00	

Line Item	Pay Code	Description	Units	Quantity	Engineers Estimate		JMC		Wadel Stabilization Inc	
					Unit Price	Total	Unit Price	Total	Unit Price	Total

					Engineers Estimate		JMC		Wadel Stabilization Inc	
					Unit Price	Total	Unit Price	Total	Unit Price	Total
19	5010025	Hand Patching	Ton	4	\$ 100.00	\$ 400.00	\$ 150.00	\$ 600.00	\$ 150.00	\$ 600.00
20	5010051	HMA, 4E3	Ton	196	\$ 95.00	\$ 18,620.00	\$ 92.60	\$ 18,149.60	\$ 94.50	\$ 18,522.00
21	8010007	Driveway, Nonreinf Conc, 8 inch	Syd	22	\$ 40.00	\$ 880.00	\$ 45.00	\$ 990.00	\$ 45.00	\$ 990.00
22	8020038	Curb and Gutter, Conc, Det F4	Ft	75	\$ 20.00	\$ 1,500.00	\$ 20.00	\$ 1,500.00	\$ 20.00	\$ 1,500.00
23	8030044	Sidewalk, Conc, 4 inch	Sft	155	\$ 3.00	\$ 465.00	\$ 4.00	\$ 620.00	\$ 4.00	\$ 620.00
24	8030047	Sidewalk, Conc, 7 inch	Sft	200	\$ 4.50	\$ 900.00	\$ 4.00	\$ 800.00	\$ 4.00	\$ 800.00
25	8120022	Barricade, Type III, High Intensity, Lighted, Furn	Ea	4	\$ 50.00	\$ 200.00	\$ 70.00	\$ 280.00	\$ 85.00	\$ 340.00
26	8120023	Barricade, Type III, High Intensity, Lighted, Oper	Ea	4	\$ 1.00	\$ 4.00	\$ 1.00	\$ 4.00	\$ 5.00	\$ 20.00
27	8120028	Plastic Drum with High Intensity Sheeting, Furnished	ea	20	\$ 20.00	\$ 400.00	\$ 17.00	\$ 340.00	\$ 17.00	\$ 340.00
28	8120029	Plastic Drum with High Intensity Sheeting, Operated	ea	20	\$ 1.00	\$ 20.00	\$ 1.00	\$ 20.00	\$ 1.00	\$ 20.00
29	8120170	Minor Traf Devices	LSUM	1	\$ 5,000.00	\$ 5,000.00	\$ 1,400.00	\$ 1,400.00	\$ 8,725.00	\$ 8,725.00
30	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	116	\$ 5.50	\$ 638.00	\$ 4.00	\$ 464.00	\$ 4.00	\$ 464.00
31	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	116	\$ 1.00	\$ 116.00	\$ 4.00	\$ 464.00	\$ 1.00	\$ 116.00
32	8207051	Above Ground Video Survey	LSUM	1	\$ 2,000.00	\$ 2,000.00	\$ 800.00	\$ 800.00	\$ 1,000.00	\$ 1,000.00
					PAGE 2 TOTAL		\$ 31,143.00	\$ 26,431.60	\$ 34,057.00	

<b>H 92046 ALLEY</b>	<b>TOTAL:</b>	<b>\$ 105,290.95</b>		<b>\$ 163,616.60</b>		<b>\$ 231,852.00</b>
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