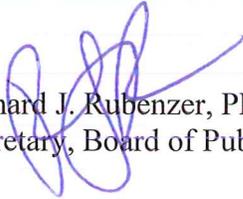


**CITY OF CHIPPEWA FALLS  
BOARD OF PUBLIC WORKS  
MEETING MINUTES  
MONDAY, APRIL 9, 2018 – 5:30 PM**

The Board of Public Works met in City Hall on Monday, April 9, 2018 at 5:30 PM. Present were Mayor Greg Hoffman, Director of Public Works Rick Rubenzer, Finance Manager Lynne Bauer and Alderperson Paul Olson. Absent was Darrin Senn. Max Gehler was also present at the meeting.

1. **Motion** by Olson, seconded by Bauer to approve the minutes of the March 12, 2018 Board of Public Works meeting. **All present voting aye. MOTION CARRIED.**
  
2. The Board of Public Works considered the attached bid summary and tabulation for the Miles Street (Wheaton St. to Coleman St.) reconstruction project. Director of Public Works Rubenzer noted that the two bids were extremely competitive with a \$493.77 (0.08%) difference in the two bids. The engineering estimate for the project was \$683,000. After a short discussion about differences in individual bid items;  
**Motion** by Olson, seconded by Bauer to recommend the Common Council accept the low bid of \$649,464.03 and award the contract for the Miles Street (Wheaton St. to Coleman St.) reconstruction project to Haas Sons Inc. Said award contingent on successful review of bid, performance and financial contract security and approval of all contract documents by City Attorney Ferg. **All present voting aye. MOTION CARRIED.**
  
3. The Board of Public Works considered the attached bid summary and tabulation for the State Street (Court St. to Grand Ave.) reconstruction project. Director of Public Works Rubenzer noted that the three bids were extremely competitive with a \$12,915.90 (1.72%) difference in the two low bids. The engineering estimate for the project was \$785,500. After a short discussion about differences in individual bid items;  
**Motion** by Rubenzer, seconded by Olson to recommend the Common Council accept the low bid of \$737,045.00 and award the contract for the State Street (Court St. to Grand Ave.) reconstruction project to Haas Sons Inc. Said award contingent on successful review of bid, performance and financial contract security and approval of all contract documents by City Attorney Ferg. **All present voting aye. MOTION CARRIED.**
  
4. **Motion** by Olson, seconded by Bauer to adjourn. **All present voting aye. MOTION CARRIED.** The Board of Public Works meeting adjourned at 5:43 P.M.

  
Richard J. Rubenzer, PE  
Secretary, Board of Public Works

**NOTICE OF PUBLIC MEETING**

CITY OF CHIPPEWA FALLS, WISCONSIN

IN ACCORDANCE with the provisions of Chapter 19, Subchapter IV of the Statutes of the State of Wisconsin, notice is hereby given that a public meeting of the:

**Board of Public Works: XXX**

**Reasonable accommodations for participation by individuals with disabilities will be made upon request. Please call 715-726-2736.**

Will be held on **Monday, March 26, 2018 at 5:30 P.M. in the City Hall Council Chambers**, Chippewa Falls, Wisconsin. Items of business to be discussed or acted upon at this meeting are shown on the attached Agenda or listed below:

**NOTE: If you are a board member and unable to attend this meeting, please contact the Engineering Dept at 726-2736.**

**NOTE:**

**THE BOARD OF PUBLIC WORKS MEETING**

**FOR**

**MONDAY, MARCH 26, 2018**

**IS**

**CANCELLED**

**DUE TO A LACK OF AGENDA ITEMS.**

**NOTICE IS HEREBY GIVEN THAT A MAJORITY OF THE CITY COUNCIL MAY BE PRESENT AT THIS MEETING TO GATHER INFORMATION ABOUT A SUBJECT OVER WHICH THEY HAVE DECISION MAKING RESPONSIBILITY.**

Please note that attachments to this agenda may not be final and are subject to change.  
This agenda may be amended as it is reviewed.

**CERTIFICATION**

I hereby certify that a copy of this Notice was placed in the Chippewa Herald mailbox, 1<sup>st</sup> floor, City Hall and posted on the City Hall Bulletin Board on Tuesday, March 20, 2018 at 9:00 AM by Mary Bowe.

**CITY OF CHIPPEWA FALLS  
BOARD OF PUBLIC WORKS  
MEETING MINUTES  
MONDAY, MARCH 12, 2018 – 5:30 PM**

The Board of Public Works met in City Hall on Monday, March 12, 2018 at 5:30 PM. Present were Mayor Greg Hoffman, Director of Public Works Rick Rubenzer, Finance Manager Lynne Bauer and Alderperson Paul Olson. Absent was Darrin Senn. Also attending was Assistant City Engineer Bill McElroy.

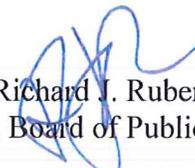
1. **Motion** by Olson, seconded by Bauer to approve the minutes of the February 12, 2018 Board of Public Works meeting. **All present voting aye. MOTION CARRIED.**
  
2. The Board of Public Works considered the attached Street Use Permit application from the Chippewa Falls Patriotic Council for the annual Memorial Day Parade to be held Monday, May 28, 2018.  
**Motion** by Olson, seconded by Bauer to recommend the Common Council approve the attached Street Use Permit application from the Chippewa Falls Patriotic Council for the annual Memorial Day Parade to be held Monday, May 28, 2018 and to not charge the Patriotic Council. **All present voting aye. MOTION CARRIED.**
  
3. **Motion** by Olson, seconded by Bauer to combine items 3-9. **All present voting aye. MOTION CARRIED.**  
Assistant City Engineer McElroy noted that the scope had changed and the Irvine Street project would no longer need ordinance action as there would only be spot curb and gutter repair. The Board considered the attached recommendations for street widths and functional classification from the Engineering Department.  
**Motion** by Olson, seconded by Bauer to recommend the Common Council to functionally classify as Collector and assign a street width of 38 feet face to face of curb, (existing width is 37 to 38 feet) for State Street from Grand Ave. to Court St.; to functionally classify as Local Street and assign a street width of 30 feet face to face of curb, (existing width is 30 feet) for Miles Street from Wheaton St. to Coleman St.; to functionally classify as Local Street and assign a street width of 30 feet face to face of curb, (existing width is 27.5 to 32 feet) for Ludgate Street from Oxford St. to Fleet St.; to functionally classify as Local Street and assign a street width of 30 feet face to face of curb, (existing width is 24 feet) for Lombard Street from Oxford St. to Regent St.; to functionally classify as Local Street and assign a street width of 30 feet face to face of curb, (existing width is 20 feet) for Oxford Street from Termini to Lombard St.; to functionally classify as Local Street and assign a street width of 30 feet face to face of curb, (existing width is 22 to 27 feet) for Regent Street from River St. to Ludgate St.  
**All present voting aye. MOTION CARRIED.**
  
4. Director of Public Works Rubenzer presented the attached agreement with Ayres Associates, Inc. for investigating repair options and completing a grant application for repair/replacement of the two slide gates, design and construction of guardrail and entrance security fencing on the east side of the dam, and design and construction of a

Please note, these are draft minutes and may be amended until approved by the Common Council.

small craft barrier line for the Glen Loch Dam. Ayres Associates, Inc. has performed Glen Loch Dam inspections since the 1980's and designed two previous dam rehabilitations. Repair and replacement of the slide gates has been identified as an action item since the 2012 inspection. The grant application is a reimbursable expense and the Glen Loch Dam would be a 50% WDNR funded and 50% City funded project should the grant be awarded. Project estimate is \$60,000.

**Motion** by Hoffman, seconded by Bauer to recommend the Common Council approve the attached agreement with Ayres Associates, Inc. to apply for a grant to replace/repair slide gates, guardrail and install small craft barrier at the Glen Loch Dam contingent on Committee #1 and Common Council approval. Also to authorize Director of Public Works Rubenzer to execute the agreement. **All present voting aye. MOTION CARRIED.**

5. **Motion** by Olson, seconded by Bauer to adjourn. **All present voting aye. MOTION CARRIED.** The Board of Public Works meeting adjourned at 5:45 P.M.

  
Richard J. Rubenzer, PE  
Secretary, Board of Public Works



April 9, 2018

Subject: 2018 Chippewa Falls Reconstruction Projects – Bid Results

**Project:**     **Miles Street – (Wheaton Street to Coleman Street)**  
                  Low Bid – Haas Sons Inc. - \$649,464.03  
                  Engineer Estimate - \$683,000  
                  Anticipated Construction - June

**Project:**     **State Street – (Court Street to Grand Avenue)**  
                  Low Bid – Haas Sons Inc. - \$737,045.00  
                  Engineer Estimate – \$785,500  
                  Anticipated Construction - May

**Bid Tab Summary**

**Project: Miles Street & Utility Improvement Project**

Limits: Wheaton Street to Coleman Street

Engineering Estimate      \$683,000  
Project Length                      0.330 Miles

Item No.	Item	Unit	Est. Quantity	Haas Sons, Inc.		A-1 Excavating	
				Unit Price	Total Price	Unit Price	Total Price
201.0120	Clearing	ID	528	\$4.00	\$2,112.00	\$10.00	\$5,280.00
201.0220	Grubbing	ID	546	\$20.00	\$10,920.00	\$14.00	\$7,644.00
204.0100	Removing Pavement	SF	2446	\$0.55	\$1,345.30	\$0.60	\$1,467.60
204.0150	Removing Curb & Gutter	LF	3227	\$1.50	\$4,840.50	\$1.50	\$4,840.50
204.0155	Removing Concrete Sidewalk	SF	14583	\$0.35	\$5,104.05	\$0.40	\$5,833.20
204.0210	Removing Manholes, Storm	Each	7	\$250.00	\$1,750.00	\$275.00	\$1,925.00
204.0220	Removing Inlets	Each	20	\$75.00	\$1,500.00	\$200.00	\$4,000.00
204.0245	Removing Pipe, 12-Inch (Storm)	LF	249	\$8.00	\$1,992.00	\$8.00	\$1,992.00
205.0100	Excavation Common	CY	2524	\$8.00	\$20,192.00	\$7.00	\$17,668.00
305.0125	Base Aggregate Dense, 1 1/4-Inch	CY	1950	\$18.65	\$36,367.50	\$21.00	\$40,950.00
416.0160	Concrete Driveway, 7-Inch	SF	2733	\$5.00	\$13,665.00	\$5.30	\$14,484.90
460.5444	HMA Pavement 4 LT 58-34 S	Ton	1105	\$67.59	\$74,686.95	\$68.00	\$75,140.00
601.0110	Concrete Curb & Gutter, Type D, 30-Inch	LF	3251	\$11.00	\$35,761.00	\$9.50	\$30,884.50
602.0405	Concrete Sidewalk, 4-Inch	SF	14221	\$3.00	\$42,663.00	\$3.60	\$51,195.60
602.0505	Curb Ramp Detectable Warning Field Yellow	SF	304	\$36.50	\$11,096.00	\$38.00	\$11,552.00
608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	1327	\$29.50	\$39,146.50	\$29.00	\$38,483.00
608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	993.5	\$31.25	\$31,046.88	\$29.00	\$28,811.50
608.3021	Storm Sewer Pipe Class III-A 21-Inch	LF	10	\$50.00	\$500.00	\$56.00	\$560.00
608.3024	Storm Sewer Pipe Class III-A 24-Inch	LF	8	\$50.00	\$400.00	\$56.00	\$448.00
611.0530	Manhole Covers Type 1 Storm	Each	6	\$500.00	\$3,000.00	\$490.00	\$2,940.00
611.0624	Inlet Covers Type H-S	Each	20	\$400.00	\$8,000.00	\$610.00	\$12,200.00
611.1230	Catch Basins 2x3 FT	Each	20	\$825.00	\$16,500.00	\$975.00	\$19,500.00
611.2004	Manholes 4-FT DIA Storm	Each	5	\$1,775.00	\$8,875.00	\$1,460.00	\$7,300.00
611.2006	Manholes 6-FT DIA Storm	Each	1	\$4,875.00	\$4,875.00	\$6,500.00	\$6,500.00
611.8115	Adjusting Inlet Covers	Each	1	\$50.00	\$50.00	\$200.00	\$200.00
625.0100	Topsoil	SY	3930	\$3.20	\$12,576.00	\$2.50	\$9,825.00
627.0200	Mulching	SY	3930	\$1.44	\$5,659.20	\$0.40	\$1,572.00
628.7015	Inlet Protection, Type C	Each	21	\$40.00	\$840.00	\$60.00	\$1,260.00
629.0210	Fertilizer Type B	CWT	2.48	\$150.00	\$372.00	\$100.00	\$248.00
625.0140	Seed Mixture No. 40	LB	71	\$38.40	\$2,726.40	\$3.00	\$213.00
638.2102	Moving Sign Type II	Each	13	\$120.00	\$1,560.00	\$100.00	\$1,300.00
643.0100	Traffic Control (Project)	Each	1	\$2,000.00	\$2,000.00	\$8,100.00	\$8,100.00
690.0150	Sawing Asphalt	LF	488	\$2.00	\$976.00	\$2.00	\$976.00
1256.0003	Sanitary Sewer Main, 12-Inch	LF	1726	\$33.00	\$56,958.00	\$31.00	\$53,506.00
1256.0009	Sanitary Service Pipe & Riser 4-6-Inch	LF	1241	\$23.75	\$29,473.75	\$23.00	\$28,543.00
1256.0040	Manhole 4-ft Dia Sanitary	Each	5	\$2,200.00	\$11,000.00	\$2,150.00	\$10,750.00
1256.0060	Manhole Covers Type 1 (Sanitary)	Each	5	\$500.00	\$2,500.00	\$490.00	\$2,450.00
1256.0061	Adjusting Manhole Covers (Sanitary)	Each	1	\$200.00	\$200.00	\$200.00	\$200.00
1256.0201	Removing Sanitary Sewer	LF	30	\$10.00	\$300.00	\$20.00	\$600.00
1256.0102	Sanitary Wye 12"x4", 12"x6"	Each	38	\$225.00	\$8,550.00	\$215.00	\$8,170.00
1256.0110	Maintain Sanitary Sewer Flow	LMP	1	\$3,500.00	\$3,500.00	\$500.00	\$500.00
1256.0111	Connect to Existing Sanitary Sewer	Each	4	\$225.00	\$900.00	\$900.00	\$3,600.00
1256.0112	Reconnect Existing Sanitary Service	Each	38	\$40.00	\$1,520.00	\$40.00	\$1,520.00
1256.0115	Tracer Wire Access Box, Sanitary	Each	37	\$45.00	\$1,665.00	\$45.00	\$1,665.00
1256.0200	Removing Manholes, Sanitary	Each	4	\$250.00	\$1,000.00	\$350.00	\$1,400.00
1257.0002	Water Main, 6-Inch	LF	1749	\$26.50	\$46,348.50	\$25.00	\$43,725.00
1257.0009	Hydrant Lead DI 6-Inch	LF	46.5	\$45.00	\$2,092.50	\$40.00	\$1,860.00
1257.0080	Connect to Existing Water Main	Each	1	\$575.00	\$575.00	\$1,000.00	\$1,000.00
1257.0090	Gate Valve & Box 6-Inch	Each	8	\$1,175.00	\$9,400.00	\$1,010.00	\$8,080.00
1257.0030	Water Service 1-Inch	LF	1172	\$23.00	\$26,956.00	\$20.00	\$23,440.00
1257.0051	Corporation Stop 1-Inch	Each	39	\$155.00	\$6,045.00	\$180.00	\$7,020.00
1257.0070	Curb Stop and Box 1-Inch	Each	39	\$180.00	\$7,020.00	\$235.00	\$9,165.00
1257.0081	Reconnect Ex Water Service	Each	39	\$70.00	\$2,730.00	\$50.00	\$1,950.00
1257.0110	Fire Hydrant	Each	4	\$3,275.00	\$13,100.00	\$3,375.00	\$13,500.00
1257.0130	Water Main Fittings	LB	380	\$8.00	\$3,040.00	\$5.00	\$1,900.00
1257.0131	Insulation 2-Inch	SF	1000	\$1.50	\$1,500.00	\$1.80	\$1,800.00
1257.0160	Adjusting Gate Valve Box	Each	1	\$250.00	\$250.00	\$100.00	\$100.00
1257.0190	Tracer Wire Access Box, Water	Each	36	\$47.00	\$1,692.00	\$45.00	\$1,620.00
1257.0201	Removing Fire Hydrant	Each	2	\$250.00	\$500.00	\$100.00	\$200.00
1257.0300	Abandon Water Main	Each	5	\$250.00	\$1,250.00	\$200.00	\$1,000.00
1257.0150	Hot Tap, 6-Inch	Each	2	\$2,650.00	\$5,300.00	\$1,500.00	\$3,000.00
1611.1000	Connect to Ex Storm Sewer	Each	4	\$250.00	\$1,000.00	\$600.00	\$2,400.00

**Haas Sons, Inc.**

\$649,464.03

**A-1 Excavating**

\$649,957.80

**Bid Tab Summary**

Project: State Street & Utility Improvement Project  
 Limits: Grand Avenue to Court Street

Engineering Estimate      \$785,500  
 Project Length              0.370 Miles

Item No.	Item	Unit	Est. Quantity	Haas Sons, Inc.		A-1 Excavating		McCabe	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
201.0120	Clearing	ID	719	\$8.00	\$5,752.00	\$10.00	\$7,190.00	\$10.00	\$7,190.00
201.0220	Grubbing	ID	749	\$16.00	\$11,984.00	\$14.00	\$10,486.00	\$10.00	\$7,490.00
204.0100	Removing Pavement	SF	1890	\$0.55	\$1,039.50	\$0.60	\$1,134.00	\$2.00	\$3,780.00
204.0150	Removing Curb & Gutter	LF	3879	\$1.50	\$5,818.50	\$1.50	\$5,818.50	\$1.00	\$3,879.00
204.0155	Removing Concrete Sidewalk	SF	19359	\$0.35	\$6,775.65	\$0.40	\$7,743.60	\$2.00	\$38,718.00
204.0210	Removing Manholes, Storm	Each	6	\$250.00	\$1,500.00	\$275.00	\$1,650.00	\$300.00	\$1,800.00
204.0220	Removing Inlets	Each	17	\$75.00	\$1,275.00	\$200.00	\$3,400.00	\$150.00	\$2,550.00
204.0245	Removing Pipe, 12-Inch (Storm)	LF	322	\$12.00	\$3,864.00	\$8.00	\$2,576.00	\$10.00	\$3,220.00
205.0100	Excavation Common	CY	4425	\$7.00	\$30,975.00	\$7.00	\$30,975.00	\$9.00	\$39,825.00
305.0125	Base Aggregate Dense, 1 1/4-Inch	CY	2793	\$18.65	\$52,089.45	\$21.00	\$58,653.00	\$22.00	\$61,446.00
416.0160	Concrete Driveway, 7-Inch	SF	1717	\$5.50	\$9,443.50	\$5.60	\$9,615.20	\$5.50	\$9,443.50
460.5223	HMA Pavement 3 LT 58-28 S	Ton	1220	\$53.47	\$65,233.40	\$53.00	\$64,660.00	\$50.70	\$61,854.00
460.5244	HMA Pavement 4 LT 58-34 S	Ton	1220	\$53.87	\$65,721.40	\$56.00	\$68,320.00	\$53.90	\$65,758.00
601.0110	Concrete Curb & Gutter, Type D, 30-Inch	LF	3881	\$9.00	\$34,929.00	\$9.10	\$35,317.10	\$9.00	\$34,929.00
602.0405	Concrete Sidewalk, 4-Inch	SF	19454	\$3.40	\$66,143.60	\$3.50	\$68,089.00	\$3.40	\$66,143.60
602.0505	Curb Ramp Detectable Warning Field Yellow	SF	376	\$35.00	\$13,160.00	\$35.00	\$13,160.00	\$35.00	\$13,160.00
608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	1381	\$30.50	\$42,120.50	\$29.00	\$40,049.00	\$21.00	\$29,001.00
611.0530	Manhole Covers Type 1 Storm	Each	6	\$500.00	\$3,000.00	\$490.00	\$2,940.00	\$506.00	\$3,036.00
611.0624	Inlet Covers Type H	Each	10	\$400.00	\$4,000.00	\$610.00	\$6,100.00	\$526.00	\$5,260.00
611.0639	Inlet Covers Type H-S	Each	7	\$400.00	\$2,800.00	\$610.00	\$4,270.00	\$526.00	\$3,682.00
611.1230	Catch Basins 2x3 FT	Each	17	\$950.00	\$16,150.00	\$1,020.00	\$17,340.00	\$822.00	\$13,974.00
611.2004	Manholes 4-FT DIA Storm	Each	6	\$1,925.00	\$11,550.00	\$1,690.00	\$10,140.00	\$1,640.00	\$9,840.00
625.0100	Topsoil	SY	2750	\$2.80	\$7,700.00	\$2.50	\$6,875.00	\$3.40	\$9,350.00
627.0200	Mulching	SY	2750	\$1.44	\$3,960.00	\$0.40	\$1,100.00	\$1.45	\$3,987.50
628.7015	Inlet Protection, Type C	Each	17	\$40.00	\$680.00	\$60.00	\$1,020.00	\$55.00	\$935.00
629.0210	Fertilizer Type B	CWT	2	\$150.00	\$300.00	\$100.00	\$200.00	\$144.00	\$288.00
630.0140	Seed Mixture No. 40	LB	50	\$38.40	\$1,920.00	\$5.00	\$250.00	\$38.50	\$1,925.00
634.0616	Posts Wood, 4X6-Inch X 16-FT	Each	1	\$65.00	\$65.00	\$80.00	\$80.00	\$65.00	\$65.00
638.2102	Moving Sign Type II	Each	6	\$120.00	\$720.00	\$100.00	\$600.00	\$120.00	\$720.00
643.0100	Traffic Control (Project)	Each	1	\$1,500.00	\$1,500.00	\$8,400.00	\$8,400.00	\$3,000.00	\$3,000.00
690.0150	Sawing Asphalt	LF	508	\$2.00	\$1,016.00	\$2.00	\$1,016.00	\$2.00	\$1,016.00
1256.0001	Sanitary Sewer Main, 8-Inch	LF	1268.5	\$28.00	\$35,518.00	\$27.00	\$34,249.50	\$27.00	\$34,249.50
1256.0003	Sanitary Sewer Main, 12-Inch	LF	10	\$53.00	\$530.00	\$48.00	\$480.00	\$41.00	\$410.00
1256.0004	Sanitary Sewer Main, 15-Inch	LF	10	\$57.50	\$575.00	\$53.00	\$530.00	\$45.00	\$450.00
1256.0009	Sanitary Service Pipe & Riser 4-6-Inch	LF	1353	\$25.75	\$34,839.75	\$23.00	\$31,119.00	\$24.00	\$32,472.00
1256.0040	Manhole 4-ft Dia Sanitary	Each	6	\$2,175.00	\$13,050.00	\$2,125.00	\$12,750.00	\$2,030.00	\$12,180.00
1256.0060	Manhole Covers Type 1 (Sanitary)	Each	6	\$500.00	\$3,000.00	\$490.00	\$2,940.00	\$506.00	\$3,036.00
1256.0061	Adjusting Manhole Covers (Sanitary)	Each	1	\$250.00	\$250.00	\$200.00	\$200.00	\$278.00	\$278.00
1256.0100	Sanitary Wye 8"x4", 8"x6"	Each	34	\$130.00	\$4,420.00	\$95.00	\$3,230.00	\$81.00	\$2,754.00
1256.0102	Sanitary Wye 12"x4", 12"x6"	Each	7	\$50.00	\$350.00	\$415.00	\$2,905.00	\$190.00	\$1,330.00
1256.0110	Maintain Sanitary Sewer Flow	LMP	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
1256.0111	Connect to Existing Sanitary Sewer	Each	5.00	\$50.00	\$250.00	\$900.00	\$4,500.00	\$341.00	\$1,705.00
1256.0112	Reconnect Existing Sanitary Service	Each	41	\$40.00	\$1,640.00	\$40.00	\$1,640.00	\$100.00	\$4,100.00
1256.0115	Tracer Wire Access Box, Sanitary	Each	41	\$45.00	\$1,845.00	\$45.00	\$1,845.00	\$60.00	\$2,460.00
1256.0200	Removing Manholes, Sanitary	Each	6	\$200.00	\$1,200.00	\$350.00	\$2,100.00	\$341.00	\$2,046.00
1257.0002	Water Main, 6-Inch	LF	2002.5	\$26.50	\$53,066.25	\$27.00	\$54,067.50	\$24.00	\$48,060.00
1257.0005	Water Main, 16-Inch	LF	85	\$58.50	\$4,972.50	\$66.00	\$5,610.00	\$61.00	\$5,185.00
1257.0009	Hydrant Lead DI 6-Inch	LF	67.5	\$37.00	\$2,497.50	\$41.00	\$2,767.50	\$38.00	\$2,565.00
1257.0030	Water Service 1-Inch	LF	1277.5	\$25.00	\$31,937.50	\$20.00	\$25,550.00	\$24.00	\$30,660.00
1257.0032	Water Service 2-Inch	LF	3	\$32.00	\$96.00	\$104.00	\$312.00	\$115.00	\$345.00
1257.0051	Corporation Stop 1-Inch	Each	41	\$150.00	\$6,150.00	\$170.00	\$6,970.00	\$194.00	\$7,954.00
1257.0070	Curb Stop and Box 1-Inch	Each	38	\$175.00	\$6,650.00	\$230.00	\$8,740.00	\$236.00	\$8,968.00
1257.0080	Connect to Existing Water Main	Each	6	\$975.00	\$5,850.00	\$1,333.00	\$7,998.00	\$1,950.00	\$11,700.00
1257.0081	Reconnect Ex Water Service	Each	42	\$70.00	\$2,940.00	\$50.00	\$2,100.00	\$100.00	\$4,200.00
1257.0090	Gate Valve & Box 6-Inch	Each	18	\$1,175.00	\$21,150.00	\$1,010.00	\$18,180.00	\$898.00	\$16,164.00
1257.0110	Fire Hydrant	Each	5	\$3,275.00	\$16,375.00	\$3,375.00	\$16,875.00	\$3,170.00	\$15,850.00
1257.0130	Water Main Fittings	LB	684	\$8.00	\$5,472.00	\$5.00	\$3,420.00	\$5.00	\$3,420.00
1257.0131	Insulation 2-Inch	SF	100	\$1.70	\$170.00	\$3.00	\$300.00	\$1.40	\$140.00
1257.0190	Tracer Wire Access Box, Water	Each	37	\$45.00	\$1,665.00	\$45.00	\$1,665.00	\$60.00	\$2,220.00
1257.0200	Removing Manholes, Water	Each	1	\$250.00	\$250.00	\$350.00	\$350.00	\$341.00	\$341.00
1257.0201	Removing Fire Hydrant	Each	2	\$250.00	\$500.00	\$100.00	\$200.00	\$512.00	\$1,024.00
1257.0300	Abandon Water Main	Each	5	\$150.00	\$750.00	\$200.00	\$1,000.00	\$341.00	\$1,705.00
1257.0150	Hot Tap, 6-Inch	Each	1	\$2,650.00	\$2,650.00	\$1,500.00	\$1,500.00	\$2,390.00	\$2,390.00
1611.1000	Connect to Ex Storm Sewer	Each	7	\$250.00	\$1,750.00	\$600.00	\$4,200.00	\$341.00	\$2,387.00

**Haas Sons, Inc.**  
\$737,045.00

**A-1 Excavating**  
\$749,960.90

**McCabe**  
\$772,014.10