



City Council Agenda Item Report

FROM: Scott Herbert – Public Works Superintendent

MEETING DATE: February 9, 2026

SUBJECT: **2026 Street & Utility Improvements**

DESCRIPTION:

Overview

To deliver on some of the needs identified in the City of Saugatuck's Capital Improvements Plan (CIP), Master Plan Survey, and Strategic Planning goals, Maple Street and other miscellaneous improvements have been a strong area of focus over the past couple of years. In the spring of 2025, City Council approved the proposal submitted by Fleis & Vandenbrink Engineering to assist with the design and bidding phase of the Maple Street project. The proposal schedule had estimated final design and permitting to be completed late 2025 with bidding in late 2025/early 2026 for construction. The bid opening was on January 27, 2026, in which the City secured 3 bids with the lowest bidder being **Schippers Excavating** out of West Olive, MI. in the amount of **\$4,334,036.50**. This cost is to be split between the City of Saugatuck and Saugatuck Township, and the financial breakdown is enclosed.

Scope of Work

The scope of the project consists of the following:

Maple Street Improvements:

- Water main replacement
- Water service extensions/replacements
- Sanitary sewer repairs/adjustments/extensions
- Stormwater detention
- Road rehabilitation
- Culvert repairs
- Concrete sidewalk

Additional Improvements:

- DPW driveway resurfacing
- Mary Street improvements
- Water Street gate valves
- Seawall/Concrete Improvements (Coghlin Park, Wicks Park, Spear Street Boat Launch, and Francis Street-End)

Project Costs

This is a large multi-jurisdictional project with funding from the MDOT (Category B grant), private property owners, Saugatuck Township, and Saugatuck City with a span across 3 fiscal years (FY 2024/25, FY 2025/26, and FY 2026/2027).

	<u>City of Saugatuck</u>	<u>Saugatuck Township</u>
Construction	\$3,191,066.50	\$1,142,970.00
Engineering Services	\$234,600.00	\$84,100.00
Total	\$3,425,666.50	\$1,227,070.00

Recommendation

City staff and engineering recommend awarding the contract to Schippers Excavating in the amount of \$4,334,036.50 for the construction portion of this project and to accept the proposal submitted by Fleis & Vandenbrink Engineering for project oversight and contract closeout in the amount of \$318,700.

Included Documents

Recommendation of Award - Enclosed

Bid Summary- Enclosed

Price Breakdown – Enclosed

Bid Tabs – Enclosed

Maple Street Construction Engineering Services – Enclosed

2026 Street and Utility Improvements Agreement - Enclosed

BUDGET ACTION REQUIRED:

Funds for the project were budgeted for this fiscal year, and no budget action is needed at this time. This project will carry over into the Fiscal Year 2026/2027 budget cycle. The City Manager has provided further details at the workshop meeting.

COMMITTEE/COMMISSION REVIEW:

N/A

LEGAL REVIEW:

N/A

SAMPLE MOTION:

Motion to award the 2026 Street and Utility project in the amount of \$4,334,036.50 to Schippers Excavating and to approve the proposal submitted by Fleis & Vandenbrink Engineering for construction engineering services – 2026 Street and Utility Improvements in the amount of \$318,700.

SECTION 00 52 00

AGREEMENT

This Agreement is by and between **City of Saugatuck** ("Owner") and _____ ("Contractor").

Terms used in this Agreement have the meanings stated in the General Conditions and the Supplementary Conditions.

Owner and Contractor hereby agree as follows:

ARTICLE 1 - WORK

- 1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: **2026 Street and Utility Improvements**

ARTICLE 2 - THE PROJECT

- 2.01 Project, of which the Work under the Contract Documents is a part, is generally described as follows: **2026 Street and Utility Improvements**

ARTICLE 3 - ENGINEER

- 3.01 The Owner has retained Fleis & VandenBrink Engineering, Inc. ("Engineer") to act as Owner's representative, assume all duties and responsibilities of Engineer, and have the rights and authority assigned to Engineer in the Contract.
- 3.02 The part of the Project that pertains to the Work has been designed by Engineer.

ARTICLE 4 - CONTRACT TIMES

4.01 *Time of the Essence*

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Dates*

- A. The Work will not begin before **February 15, 2026** and will be substantially complete on or before November 13, 2026, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **May 27, 2027**.

4.03 *Milestones*

- A. Parts of the Work shall be substantially completed on or before the following Milestone(s):
1. Milestone 1: All work on Water Street, Mary Street, Coghlin Park, Wicks Park, Francis Street, and Spear Street shall be completed on or before **May 22, 2026**.

4.04 *Liquidated Damages*

- A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed

and Milestones not achieved within the Contract Times, as duly modified. The parties also recognize the delays, expense, and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

1. *Substantial Completion*: Contractor shall pay Owner \$1,000 for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for Substantial Completion, until the Work is substantially complete.
 2. *Completion of Remaining Work*: After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner \$250 for each day that expires after such time until the Work is completed and ready for final payment.
 3. *Milestone 1*: Contractor shall pay Owner \$500 for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for achievement of Milestone 1, until Milestone 1 is achieved, or until the time specified for Substantial Completion is reached, at which time the rate indicated in Paragraph 4.05.A.1 will apply, rather than the Milestone rate.
 4. Liquidated damages for failing to timely attain Milestones, Substantial Completion, and final completion are not additive, and will not be imposed concurrently.
- B. If Owner recovers liquidated damages for a delay in completion by Contractor, then such liquidated damages are Owner's sole and exclusive remedy for such delay, and Owner is precluded from recovering any other damages, whether actual, direct, excess, or consequential, for such delay, except for special damages (if any) specified in this Agreement.

ARTICLE 5 - CONTRACT PRICE

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents, the amounts that follow, subject to adjustment under the Contract.

- A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item).

Unit Price Work					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Extended Price
				\$	\$
				\$	\$
				\$	\$
				\$	\$
				\$	\$
Total of all Extended Prices for Unit Price Work (subject to final adjustment based on actual quantities)					\$

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6 - PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

- A. Owner shall make progress payments on the basis of Contractor's Applications for Payment each month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.
 - 1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract.
 - a. 90 percent of the value of the Work completed (with the balance being retainage).
 - 1) If 50 percent or more of the Work has been completed, as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage; and
 - 2) Zero percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).
- B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 100 percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less 200 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

- A. Upon final completion and acceptance of the Work, Owner shall pay the remainder of the Contract Price in accordance with Paragraph 15.06 of the General Conditions.

6.04 *Consent of Surety*

- A. Owner will not make final payment, or return or release retainage at Substantial Completion or any other time, unless Contractor submits written consent of the surety to such payment, return, or release.

6.05 *Interest*

- A. All amounts not paid when due will bear interest at the percent per annum rate 2.0% higher than the Prime Rate on the date of bid opening.

ARTICLE 7 - CONTRACT DOCUMENTS

7.01 *Contents*

- A. The Contract Documents consist of all of the following:
 - 1. This Agreement.
 - 2. Bonds
 - a. Performance bond (together with power of attorney).
 - b. Payment bond (together with power of attorney).
 - 3. General Conditions.
 - 4. Supplementary Conditions.
 - 5. Specifications as listed in the table of contents of the project manual.
 - 6. Drawings (not attached but incorporated by reference) consisting of 54 sheets with each sheet bearing the following general title: 2026 Street and Utility Improvements.
 - 7. Addenda (numbers _____ to _____, inclusive).
 - 8. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor's Bid.
 - b. Documentation submitted by Contractor prior to Notice of Award.
 - 9. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
 - a. Notice to Proceed.
 - b. Work Change Directives.
 - c. Change Orders.
- B. The Contract Documents listed in Paragraph 7.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 7.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the Contract.

ARTICLE 8 - REPRESENTATIONS, CERTIFICATIONS, AND STIPULATIONS

8.01 *Contractor's Representations*

- A. In order to induce Owner to enter into this Contract, Contractor makes the following representations:
 - 1. Contractor has examined and carefully studied the Contract Documents, including Addenda.
 - 2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 - 3. Contractor is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
 - 4. Contractor has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, if any, with respect to the Technical Data in such reports and drawings.
 - 5. Contractor has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (c) Contractor's safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
9. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

8.02 *Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 8.02:
 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution.
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

8.03 *Standard General Conditions*

- A. Owner stipulates that if the General Conditions that are made a part of this Contract are EJCDC® C 700, Standard General Conditions for the Construction Contract (2018), published by the Engineers Joint Contract Documents Committee, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or "track changes" (redline/strikeout), or in the Supplementary Conditions.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on _____, 20____ (which is the Effective Date of the Contract).

Owner:

City of Saugatuck

(typed or printed name of organization)

By:

(individual's signature)

Date:

(date signed)

Name:

(typed or printed)

Title:

(typed or printed)

Attest:

(individual's signature)

Title:

(typed or printed)

Address for giving notices:

102 Butler Street

PO Box 86

Saugatuck, MI 49453

Designated Representative:

Name:

(typed or printed)

Title:

(typed or printed)

Address:

Phone:

Email:

Contractor:

(typed or printed name of organization)

By:

(individual's signature)

Date:

(date signed)

Name:

(typed or printed)

Title:

(typed or printed)

(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

(individual's signature)

Title:

(typed or printed)

Address for giving notices:

Designated Representative:

Name:

(typed or printed)

Title:

(typed or printed)

Address:

Phone:

Email:

License No.:

(where applicable)

State:

END OF SECTION

City of Saugatuck

**2026 Street and Utility Project
Project 859772**

BID SUMMARY

BID OPENING: Tuesday, January 27, 2022 at 9:00 a.m.

Bidder (listed below from low to high)	Bid Amount	City Cost	Township Cost
1. Schippers Excavating	\$4,334,036.50	\$3,191,066.50	\$1,142,970.00
2. Redline Excavating	\$4,775,623.00	\$3,576,118.50	\$1,199,511.50
3. Milbocker & Sons	\$5,365,953.50	\$3,815,331.00	\$1,550,632.50

City of Saugatuck
2026 Street and Utility Improvements
Bid Tabulations

Job: 859772

Date: 1/29/2026

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineering Estimate		Schipper's Excavating		Redline Excavating		Milbocker & Sons	
				BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT
1	General Conditions, Bonds, and Insurance, Max 5	LSum	1	\$185,000.00	\$185,000.00	\$200,000.00	\$200,000.00	\$227,411.00	\$227,411.00	\$265,000.00	\$265,000.00
2	Pre-construction Video Survey	LSum	1	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$3,200.00	\$3,200.00	\$9,500.00	\$9,500.00
3	Dewatering	LSum	1	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$50,861.00	\$50,861.00	\$200,000.00	\$200,000.00
4	Tree Trimming	LSum	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$19,773.00	\$19,773.00	\$15,000.00	\$15,000.00
5	Exploratory Digging	Hr	6	\$2,500.00	\$15,000.00	\$300.00	\$1,800.00	\$835.00	\$5,010.00	\$700.00	\$4,200.00
6	Cash Allowance	Allow	30,000	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
7	Tree Rem, 6 inch to 18 inch	Ea	20	\$400.00	\$8,000.00	\$450.00	\$9,000.00	\$474.00	\$9,480.00	\$400.00	\$8,000.00
8	Tree Rem, 19 inch to 36 inch	Ea	4	\$1,400.00	\$5,600.00	\$1,500.00	\$6,000.00	\$1,329.00	\$5,316.00	\$1,100.00	\$4,400.00
9	Tree Rem, 37 inch or Larger	Ea	5	\$2,800.00	\$14,000.00	\$3,000.00	\$15,000.00	\$3,086.00	\$15,430.00	\$2,500.00	\$12,500.00
10	Cold Mill HMA Pavement	Syd	865	\$5.00	\$4,325.00	\$12.00	\$10,380.00	\$11.00	\$9,515.00	\$7.00	\$6,055.00
11	HMA Surface, Rem	Syd	3,500	\$6.00	\$21,000.00	\$4.00	\$14,000.00	\$11.00	\$38,500.00	\$6.00	\$21,000.00
12	HMA Base Crushing and Shaping	Syd	16,050	\$3.00	\$48,150.00	\$4.50	\$72,225.00	\$3.00	\$48,150.00	\$10.00	\$160,500.00
13	Concrete Driveway, Rem	Syd	815	\$12.00	\$9,780.00	\$7.00	\$5,705.00	\$14.00	\$11,410.00	\$11.00	\$8,965.00
14	Sidewalk, Rem	Syd	30	\$13.00	\$390.00	\$12.00	\$360.00	\$12.00	\$360.00	\$14.00	\$420.00
15	Curb and Gutter, Rem	Ft	250	\$12.00	\$3,000.00	\$8.00	\$2,000.00	\$13.00	\$3,250.00	\$13.00	\$3,250.00
16	Curb and Gutter, Rem, Modified	Ft	15	\$17.00	\$255.00	\$12.00	\$180.00	\$21.00	\$315.00	\$23.00	\$345.00
17	Guardrail, Rem	Ft	96	\$3.00	\$288.00	\$8.00	\$768.00	\$15.00	\$1,440.00	\$5.00	\$480.00
18	Sewer Rem, Less Than 24 inch	Ft	325	\$23.00	\$7,475.00	\$9.00	\$2,925.00	\$30.00	\$9,750.00	\$14.00	\$4,550.00
19	Dr Structure, Rem	Ea	3	\$400.00	\$1,200.00	\$500.00	\$1,500.00	\$984.00	\$2,952.00	\$500.00	\$1,500.00
20	Sign, Rem	Ea	11	\$25.00	\$275.00	\$100.00	\$1,100.00	\$92.00	\$1,012.00	\$100.00	\$1,100.00
21	Gate Box, Rem	Ea	9	\$375.00	\$3,375.00	\$600.00	\$5,400.00	\$510.00	\$4,590.00	\$250.00	\$2,250.00
22	Subgrade Undercutting, Type II	Cyd	150	\$35.00	\$5,250.00	\$24.00	\$3,600.00	\$57.00	\$8,550.00	\$35.00	\$5,250.00
23	Trench Undercut and Backfill	Cyd	200	\$70.00	\$14,000.00	\$40.00	\$8,000.00	\$63.00	\$12,600.00	\$45.00	\$9,000.00
24	Erosion Control, Inlet Protection, Fabric Drop	Ea	21	\$140.00	\$2,940.00	\$160.00	\$3,360.00	\$99.00	\$2,079.00	\$90.00	\$1,890.00
25	Erosion Control, Silt Fence	Ft	225	\$5.00	\$1,125.00	\$4.00	\$900.00	\$3.00	\$675.00	\$4.00	\$900.00
26	Leach Basin, 24 inch Dia	Ea	1	\$3,000.00	\$3,000.00	\$5,500.00	\$5,500.00	\$3,647.00	\$3,647.00	\$3,200.00	\$3,200.00
27	Leach Basin, 48 inch Dia	Ea	6	\$3,500.00	\$21,000.00	\$6,500.00	\$39,000.00	\$6,115.00	\$36,690.00	\$4,300.00	\$25,800.00
28	Dr Structure, 24 inch Dia	Ea	8	\$1,800.00	\$14,400.00	\$2,800.00	\$22,400.00	\$2,971.00	\$23,768.00	\$1,500.00	\$12,000.00
29	Dr Structure, 48 inch Dia	Ea	4	\$2,500.00	\$10,000.00	\$3,900.00	\$15,600.00	\$3,344.00	\$13,376.00	\$2,300.00	\$9,200.00
30	Nyloplast Drainage Basins	Ea	5	\$1,000.00	\$5,000.00	\$4,000.00	\$20,000.00	\$3,975.00	\$19,875.00	\$3,500.00	\$17,500.00
31	Outlet Control Structure, 72 inch Dia	Ea	1	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$8,220.00	\$8,220.00	\$20,000.00	\$20,000.00
32	Underdrain, 4 inch	Ft	460	\$10.00	\$4,600.00	\$7.00	\$3,220.00	\$22.00	\$10,120.00	\$7.00	\$3,220.00
33	Underdrain, 8 inch	Ft	2,734	\$25.00	\$68,350.00	\$24.00	\$65,616.00	\$30.00	\$82,020.00	\$25.00	\$68,350.00
34	Underdrain Outlet, 8 inch	Ea	3	\$50.00	\$150.00	\$300.00	\$900.00	\$275.00	\$825.00	\$325.00	\$975.00
35	Wye, 8 inch x 6 inch	Ea	1	\$600.00	\$600.00	\$500.00	\$500.00	\$344.00	\$344.00	\$750.00	\$750.00
36	Strom Sewer, 1-1/2 inch, PE	Ft	10	\$30.00	\$300.00	\$21.00	\$210.00	\$32.00	\$320.00	\$40.00	\$400.00
37	Storm Sewer, 4 inch, PE	Ft	15	\$40.00	\$600.00	\$30.00	\$450.00	\$32.00	\$480.00	\$80.00	\$1,200.00
38	Storm Sewer, 6 inch, PE	Ft	5	\$50.00	\$250.00	\$35.00	\$175.00	\$38.00	\$190.00	\$85.00	\$425.00
39	Storm Sewer, 12 inch, Conc	Ft	113	\$80.00	\$9,040.00	\$80.00	\$9,040.00	\$91.00	\$10,283.00	\$140.00	\$15,820.00
40	Storm Sewer, 15 inch, PE	Ft	6	\$100.00	\$600.00	\$110.00	\$660.00	\$78.00	\$468.00	\$85.00	\$510.00
41	Storm Sewer, 24 inch, Conc	Ft	53	\$210.00	\$11,130.00	\$150.00	\$7,950.00	\$132.00	\$6,996.00	\$150.00	\$7,950.00
42	End Section, 12 inch, Conc	Ea	3	\$600.00	\$1,800.00	\$500.00	\$1,500.00	\$1,137.00	\$3,411.00	\$850.00	\$2,550.00
43	End Section, 15 inch, Metal	Ea	1	\$550.00	\$550.00	\$600.00	\$600.00	\$307.00	\$307.00	\$350.00	\$350.00
44	End Section, 24 inch, Conc	Ea	1	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$1,548.00	\$1,548.00	\$1,300.00	\$1,300.00

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineering Estimate		Schippers Excavating		Redline Excavating		Milbocker & Sons	
				BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT
45	Rip Rap, Plain	Ton	110	\$100.00	\$11,000.00	\$100.00	\$11,000.00	\$175.00	\$19,250.00	\$150.00	\$16,500.00
46	Culvert Cleanout	Ft	25	\$1,000.00	\$25,000.00	\$50.00	\$1,250.00	\$10.00	\$250.00	\$45.00	\$1,125.00
47	Sewer Tap, 1-1/2 inch	Ea	1	\$500.00	\$500.00	\$200.00	\$200.00	\$286.00	\$286.00	\$250.00	\$250.00
48	Sewer Tap, 4 inch	Ea	1	\$600.00	\$600.00	\$300.00	\$300.00	\$400.00	\$400.00	\$250.00	\$250.00
49	Sewer Tap, 6 inch	Ea	3	\$700.00	\$2,100.00	\$350.00	\$1,050.00	\$1,143.00	\$3,429.00	\$300.00	\$900.00
50	Sewer Tap, 12 inch	Ea	1	\$1,000.00	\$1,000.00	\$450.00	\$450.00	\$1,429.00	\$1,429.00	\$300.00	\$300.00
51	Sewer Tap, 15 inch	Ea	1	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$1,714.00	\$1,714.00	\$350.00	\$350.00
52	Sewer Tap, 21 inch	Ea	1	\$2,000.00	\$2,000.00	\$650.00	\$650.00	\$2,286.00	\$2,286.00	\$600.00	\$600.00
53	Sewer Tap, 8 inch to 24 inch	Ea	1	\$2,000.00	\$2,000.00	\$650.00	\$650.00	\$2,857.00	\$2,857.00	\$1,500.00	\$1,500.00
54	Dr Structure Tap, 3 inch	Ea	3	\$475.00	\$1,425.00	\$300.00	\$900.00	\$457.00	\$1,371.00	\$275.00	\$825.00
55	Dr Structure Tap, 12 inch	Ea	3	\$800.00	\$2,400.00	\$450.00	\$1,350.00	\$1,143.00	\$3,429.00	\$350.00	\$1,050.00
56	Dr Structure, Adj, Case 1	Ea	22	\$750.00	\$16,500.00	\$900.00	\$19,800.00	\$527.00	\$11,594.00	\$1,200.00	\$26,400.00
57	Dr Structure, Adj, Case 2	Ea	3	\$800.00	\$2,400.00	\$700.00	\$2,100.00	\$527.00	\$1,581.00	\$800.00	\$2,400.00
58	Dr Structure Cover, Type B	Ea	9	\$900.00	\$8,100.00	\$1,100.00	\$9,900.00	\$1,129.00	\$10,161.00	\$1,300.00	\$11,700.00
59	Dr Structure Cover, Type C	Ea	2	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$1,520.00	\$3,040.00	\$1,550.00	\$3,100.00
60	Dr Structure Cover, Type D	Ea	5	\$850.00	\$4,250.00	\$1,400.00	\$7,000.00	\$1,390.00	\$6,950.00	\$1,450.00	\$7,250.00
61	Dr Structure Cover, Type G	Ea	10	\$750.00	\$7,500.00	\$600.00	\$6,000.00	\$1,094.00	\$10,940.00	\$850.00	\$8,500.00
62	Dr Structure Cover, Type K	Ea	3	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00	\$1,519.00	\$4,557.00	\$1,150.00	\$3,450.00
63	Dr Structure Cover, Type Q	Ea	14	\$800.00	\$11,200.00	\$1,100.00	\$15,400.00	\$1,265.00	\$17,710.00	\$1,300.00	\$18,200.00
64	Dr Structure, Repair	Ea	11	\$1,000.00	\$11,000.00	\$800.00	\$8,800.00	\$4,000.00	\$44,000.00	\$4,750.00	\$52,250.00
65	Gate Box, Adj, Case 1	Ea	4	\$550.00	\$2,200.00	\$800.00	\$3,200.00	\$171.00	\$684.00	\$350.00	\$1,400.00
66	Subbase, CIP	Cyd	3,720	\$20.00	\$74,400.00	\$19.00	\$70,680.00	\$22.00	\$81,840.00	\$35.00	\$130,200.00
67	Aggregate Base	Ton	5,710	\$40.00	\$228,400.00	\$45.00	\$256,950.00	\$33.00	\$188,430.00	\$55.00	\$314,050.00
68	Aggregate Base, 6 inch	Syd	1,125	\$20.00	\$22,500.00	\$16.00	\$18,000.00	\$14.00	\$15,750.00	\$22.00	\$24,750.00
69	Aggregate Surface CSE	Ton	375	\$35.00	\$13,125.00	\$50.00	\$18,750.00	\$40.00	\$15,000.00	\$60.00	\$22,500.00
70	HMA, 4EL	Ton	2,320	\$110.00	\$255,200.00	\$93.00	\$215,760.00	\$121.00	\$280,720.00	\$90.00	\$208,800.00
71	HMA, 5EL	Ton	2,475	\$110.00	\$272,250.00	\$95.00	\$235,125.00	\$111.00	\$274,725.00	\$92.00	\$227,700.00
72	HMA Valley Gutter	Ft	2,815	\$2.50	\$7,037.50	\$2.00	\$5,630.00	\$2.00	\$5,630.00	\$1.00	\$2,815.00
73	HMA Approach	Ton	345	\$200.00	\$69,000.00	\$250.00	\$86,250.00	\$260.00	\$89,700.00	\$130.00	\$44,850.00
74	Hand Patching	Ton	70	\$250.00	\$17,500.00	\$280.00	\$19,600.00	\$279.00	\$19,530.00	\$175.00	\$12,250.00
75	HMA Spillway	Ea	5	\$500.00	\$2,500.00	\$800.00	\$4,000.00	\$122.00	\$610.00	\$300.00	\$1,500.00
76	Concrete Spillway	Ea	1	\$1,000.00	\$1,000.00	\$9,000.00	\$9,000.00	\$3,385.00	\$3,385.00	\$1,200.00	\$1,200.00
77	Driveway Nonreinf, Conc, 6 inch	Syd	795	\$60.00	\$47,700.00	\$65.00	\$51,675.00	\$70.00	\$55,650.00	\$60.00	\$47,700.00
78	Driveway, Nonreinf Conc, Decorative, 6 inch	Syd	50	\$150.00	\$7,500.00	\$200.00	\$10,000.00	\$157.00	\$7,850.00	\$100.00	\$5,000.00
79	Curb Conc, Det E2	Ft	45	\$50.00	\$2,250.00	\$60.00	\$2,700.00	\$47.00	\$2,115.00	\$28.00	\$1,260.00
80	Curb and Gutter, Conc, Det F4	Ft	415	\$35.00	\$14,525.00	\$40.00	\$16,600.00	\$41.00	\$17,015.00	\$23.00	\$9,545.00
81	Curb and Gutter, Conc, Rolled Curb	Ft	145	\$40.00	\$5,800.00	\$40.00	\$5,800.00	\$41.00	\$5,945.00	\$23.00	\$3,335.00
82	Sidewalk Grading	Ft	4,580	\$10.00	\$45,800.00	\$40.00	\$183,200.00	\$50.00	\$229,000.00	\$25.00	\$114,500.00
83	Sidewalk, Conc, 4 inch	Sft	17,615	\$5.00	\$88,075.00	\$6.50	\$114,497.50	\$5.00	\$88,075.00	\$4.50	\$79,267.50
84	Sidewalk, Conc, 6 inch	Sft	5,330	\$6.00	\$31,980.00	\$7.50	\$39,975.00	\$7.00	\$37,310.00	\$6.50	\$34,645.00
85	Detectable Warning Surface	Ft	100	\$50.00	\$5,000.00	\$120.00	\$12,000.00	\$95.00	\$9,500.00	\$75.00	\$7,500.00
86	Roadway Trenching	Ft	3,615	\$25.00	\$90,375.00	\$10.00	\$36,150.00	\$16.00	\$57,840.00	\$10.00	\$36,150.00
87	Utility Structure Adj (By Others)	Ea	1	\$500.00	\$500.00	\$500.00	\$500.00	\$2,857.00	\$2,857.00	\$700.00	\$700.00
88	Minor Traf Devices	LSum	1	\$20,000.00	\$20,000.00	\$60,000.00	\$60,000.00	\$12,572.00	\$12,572.00	\$500,000.00	\$500,000.00
89	Traf Regulator Control	LSum	1	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$20,573.00	\$20,573.00	\$5,000.00	\$5,000.00
90	Barricade, Type III, High Intensity, Lighted, Double	Ea	17	\$75.00	\$1,275.00	\$100.00	\$1,700.00	\$74.00	\$1,258.00	\$65.00	\$1,105.00
91	Barricade, Type III, High Intensity, Lighted, Double	Ea	17	\$10.00	\$170.00	\$5.00	\$85.00	\$7.00	\$119.00	\$5.00	\$85.00
92	Sign, Type B, Temp, Prismatic, Furn	Sft	400	\$4.50	\$1,800.00	\$4.00	\$1,600.00	\$3.00	\$1,200.00	\$3.00	\$1,200.00
93	Sign, Type B, Temp, Prismatic, Oper	Sft	400	\$1.00	\$400.00	\$1.00	\$400.00	\$2.00	\$800.00	\$1.00	\$400.00
94	Sign, Type B, Temp, Prismatic, Spec, Furn	Sft	100	\$6.00	\$600.00	\$8.00	\$800.00	\$8.00	\$800.00	\$7.00	\$700.00
95	Sign, Type B, Temp, Prismatic, Spec, Oper	Sft	100	\$1.00	\$100.00	\$1.00	\$100.00	\$2.00	\$200.00	\$1.00	\$100.00
96	Plastic Drum, High Intensity, Furn	Ea	300	\$25.00	\$7,500.00	\$20.00	\$6,000.00	\$19.00	\$5,700.00	\$17.00	\$5,100.00
97	Plastic Drum, High Intensity, Oper	Ea	300	\$1.00	\$300.00	\$1.00	\$300.00	\$2.00	\$600.00	\$1.00	\$300.00
98	Pedestrian Type II Barricade, Temp	Ea	28	\$75.00	\$2,100.00	\$120.00	\$3,360.00	\$114.00	\$3,192.00	\$100.00	\$2,800.00
99	Sign Cover, Type I	Ea	5	\$100.00	\$500.00	\$200.00	\$1,000.00	\$114.00	\$570.00	\$100.00	\$500.00
100	Salvage and Reinstall Sign	Ea	10	\$50.00	\$500.00	\$200.00	\$2,000.00	\$57.00	\$570.00	\$50.00	\$500.00

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineering Estimate		Schipper's Excavating		Redline Excavating		Milbocker & Sons	
				BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT
101	Sign, Type IIIB	Sft	116	\$25.00	\$2,900.00	\$10.00	\$1,160.00	\$14.00	\$1,624.00	\$20.00	\$2,320.00
102	Post, Steel, 3 lb	Ft	406	\$10.00	\$4,060.00	\$10.00	\$4,060.00	\$10.00	\$4,060.00	\$9.00	\$3,654.00
103	Pavt Mrkg, Waterborne, 4 inch, White	Ft	9,250	\$0.50	\$4,625.00	\$0.30	\$2,775.00	\$3.00	\$27,750.00	\$0.40	\$3,700.00
104	Pavt Mrkg, Waterborne, 4 inch, Yellow	Ft	8,350	\$0.50	\$4,175.00	\$0.30	\$2,505.00	\$3.00	\$25,050.00	\$0.40	\$3,340.00
105	Pavt Mrkg, Waterborne, 24 inch, Stop Bar	Ft	135	\$10.00	\$1,350.00	\$10.00	\$1,350.00	\$14.00	\$1,890.00	\$4.00	\$540.00
106	Pavt Mrkg, Waterborne, 12 inch, Crosswalk	Ft	410	\$6.00	\$2,460.00	\$5.00	\$2,050.00	\$7.00	\$2,870.00	\$1.50	\$615.00
107	Mary Street Pavement Markings	LSum	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00
108	Guardrail, Type MGS-8, 72 inch Post	Ft	241	\$14.00	\$3,374.00	\$30.00	\$7,230.00	\$35.00	\$8,435.00	\$27.00	\$6,507.00
109	Guardrail, Type MGS-8, 72 inch Post, Curved	Ft	0	\$20.00	\$0.00	\$60.00	\$0.00	\$45.00	\$0.00	\$40.00	\$0.00
110	Guardrail Departing Terminal, Type MGS	Ea	4	\$1,100.00	\$4,400.00	\$1,300.00	\$5,200.00	\$1,714.00	\$6,856.00	\$1,000.00	\$4,000.00
111	Guardrail Departing Terminal, Type 2M	Ea	2	\$3,300.00	\$6,600.00	\$3,000.00	\$6,000.00	\$3,429.00	\$6,858.00	\$2,600.00	\$5,200.00
112	Surface Restoration	Syd	15,000	\$6.00	\$90,000.00	\$6.50	\$97,500.00	\$15.00	\$225,000.00	\$5.00	\$75,000.00
113	High Velocity Mulch Blanket	Syd	120	\$2.00	\$240.00	\$4.00	\$480.00	\$3.00	\$360.00	\$3.50	\$420.00
114	Mailbox, Post	Ea	40	\$150.00	\$6,000.00	\$150.00	\$6,000.00	\$257.00	\$10,280.00	\$250.00	\$10,000.00
115	Water Main, DI, 6 inch	Ft	143	\$110.00	\$15,730.00	\$120.00	\$17,160.00	\$91.00	\$13,013.00	\$125.00	\$17,875.00
116	Water Main, DI, 8 inch	Ft	4,206	\$125.00	\$525,750.00	\$135.00	\$567,810.00	\$171.00	\$719,226.00	\$165.00	\$693,990.00
117	Water Main, DI, 12 inch	Ft	25	\$150.00	\$3,750.00	\$200.00	\$5,000.00	\$257.00	\$6,425.00	\$225.00	\$5,625.00
118	Polyethylene Encasement	Ft	135	\$25.00	\$3,375.00	\$4.00	\$540.00	\$59.00	\$7,965.00	\$4.00	\$540.00
119	45 Deg Bend, 6 inch	Ea	4	\$600.00	\$2,400.00	\$500.00	\$2,000.00	\$686.00	\$2,744.00	\$400.00	\$1,600.00
120	45 Deg Bend, 8 inch	Ea	43	\$700.00	\$30,100.00	\$700.00	\$30,100.00	\$914.00	\$39,302.00	\$500.00	\$21,500.00
121	8 inch x 6 inch Reducer	Ea	3	\$650.00	\$1,950.00	\$580.00	\$1,740.00	\$457.00	\$1,371.00	\$450.00	\$1,350.00
122	8 inch x 8 inch x 6 inch Tee	Ea	10	\$1,000.00	\$10,000.00	\$900.00	\$9,000.00	\$1,714.00	\$17,140.00	\$800.00	\$8,000.00
123	8 inch x 8 inch x 8 inch Tee	Ea	8	\$1,200.00	\$9,600.00	\$1,000.00	\$8,000.00	\$2,057.00	\$16,456.00	\$875.00	\$7,000.00
124	12 inch x 12 inch x 6 inch Tee	Ea	1	\$1,500.00	\$1,500.00	\$1,400.00	\$1,400.00	\$3,429.00	\$3,429.00	\$1,350.00	\$1,350.00
125	12 inch x 12 inch x 8 inch Tee	Ea	1	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$3,657.00	\$3,657.00	\$1,400.00	\$1,400.00
126	12 inch x 12 inch x 12 inch Tee	Ea	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$4,572.00	\$4,572.00	\$1,700.00	\$1,700.00
127	Connect to Ex WM	Ea	16	\$5,000.00	\$80,000.00	\$4,000.00	\$64,000.00	\$7,429.00	\$118,864.00	\$2,600.00	\$41,600.00
128	Cut & Plug Ex WM	Ea	15	\$2,500.00	\$37,500.00	\$3,000.00	\$45,000.00	\$3,657.00	\$54,855.00	\$275.00	\$4,125.00
129	Cap, 8 Inch	Ea	2	\$650.00	\$1,300.00	\$1,500.00	\$3,000.00	\$571.00	\$1,142.00	\$325.00	\$650.00
130	Gate Valve and Box, 6 inch	Ea	11	\$2,200.00	\$24,200.00	\$2,000.00	\$22,000.00	\$2,857.00	\$31,427.00	\$1,825.00	\$20,075.00
131	Gate Valve and Box, 8 inch	Ea	21	\$2,800.00	\$58,800.00	\$2,500.00	\$52,500.00	\$3,657.00	\$76,797.00	\$2,450.00	\$51,450.00
132	Gate Valve and Box, 12 inch	Ea	5	\$4,800.00	\$24,000.00	\$4,000.00	\$20,000.00	\$5,715.00	\$28,575.00	\$4,100.00	\$20,500.00
133	Remove Hydrant	Ea	7	\$1,200.00	\$8,400.00	\$600.00	\$4,200.00	\$686.00	\$4,802.00	\$650.00	\$4,550.00
134	Hydrant	Ea	11	\$5,700.00	\$62,700.00	\$4,500.00	\$49,500.00	\$6,286.00	\$69,146.00	\$4,000.00	\$44,000.00
135	Hydrant Extension	Ea	1	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$1,372.00	\$1,372.00	\$800.00	\$800.00
136	Corp Stop, 1 inch	Ea	2	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$286.00	\$572.00	\$500.00	\$1,000.00
137	Corp Stop, Curb Stop & Box, 1 inch	Ea	47	\$1,200.00	\$56,400.00	\$1,150.00	\$54,050.00	\$686.00	\$32,242.00	\$1,300.00	\$61,100.00
138	Corp Stop, Curb Stop & Box, 2 inch	Ea	6	\$2,500.00	\$15,000.00	\$2,500.00	\$15,000.00	\$2,057.00	\$12,342.00	\$2,300.00	\$13,800.00
139	Meter Pit, Rem	Ea	3	\$200.00	\$600.00	\$800.00	\$2,400.00	\$571.00	\$1,713.00	\$900.00	\$2,700.00
140	Meter Moved Into Basement	Ea	3	\$2,500.00	\$7,500.00	\$3,000.00	\$9,000.00	\$4,572.00	\$13,716.00	\$3,500.00	\$10,500.00
141	Water Service Connect	Ea	28	\$550.00	\$15,400.00	\$1,000.00	\$28,000.00	\$914.00	\$25,592.00	\$250.00	\$7,000.00
142	Water Service Building Connect	Ea	21	\$2,000.00	\$42,000.00	\$3,000.00	\$63,000.00	\$2,857.00	\$59,997.00	\$2,500.00	\$52,500.00
143	Water Service, 1 inch, Open Cut or Augur	Ft	4965	\$50.00	\$248,250.00	\$55.00	\$273,075.00	\$43.00	\$213,495.00	\$65.00	\$322,725.00
144	Water Service, 2 inch, Open Cut or Augur	Ft	1650	\$80.00	\$132,000.00	\$85.00	\$140,250.00	\$63.00	\$103,950.00	\$75.00	\$123,750.00
145	Water Service Branch	Ea	4	\$250.00	\$1,000.00	\$1,200.00	\$4,800.00	\$571.00	\$2,284.00	\$1,800.00	\$7,200.00
146	Sanitary Lateral, Forcemain, HDPE, DD, 3 inch	Ft	1150	\$70.00	\$80,500.00	\$70.00	\$80,500.00	\$32.00	\$36,800.00	\$95.00	\$109,250.00
147	Sanitary Manhole, 24 inch	Ea	1	\$4,000.00	\$4,000.00	\$6,500.00	\$6,500.00	\$5,143.00	\$5,143.00	\$4,200.00	\$4,200.00
148	Insertatee, 6 inch	Ea	1	\$500.00	\$500.00	\$1,150.00	\$1,150.00	\$286.00	\$286.00	\$4,600.00	\$4,600.00
149	Sanitary Lateral, 6 inch	Ft	30	\$75.00	\$2,250.00	\$110.00	\$3,300.00	\$91.00	\$2,730.00	\$100.00	\$3,000.00
150	Sanitary Lateral Cap, 3 inch	Ea	3	\$500.00	\$1,500.00	\$100.00	\$300.00	\$143.00	\$429.00	\$250.00	\$750.00
151	Bollard, Remove and Replace	Ea	4	\$4,000.00	\$16,000.00	\$400.00	\$1,600.00	\$571.00	\$2,284.00	\$1,600.00	\$6,400.00
152	Underground Storage	LSum	1	\$120,000.00	\$120,000.00	\$55,000.00	\$55,000.00	\$84,579.00	\$84,579.00	\$200,000.00	\$200,000.00
153	Split Rail Wood Fence, 42 inch	Ft	290	\$65.00	\$18,850.00	\$16.00	\$4,640.00	\$28.00	\$8,120.00	\$75.00	\$21,750.00
154	Segmental Block Retaining Wall	Sft	1335	\$100.00	\$133,500.00	\$60.00	\$80,100.00	\$77.00	\$102,795.00	\$100.00	\$133,500.00
155	Hold Pole	Ea	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,714.00	\$3,428.00	\$5,000.00	\$10,000.00
156	Coglin Park Repairs	LSum	1	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$5,143.00	\$5,143.00	\$40,000.00	\$40,000.00

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineering Estimate		Schippers Excavating		Redline Excavating		Milbocker & Sons	
				BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT	BID UNIT PRICE	BID AMOUNT
157	Wicks Park Repairs	LSum	1	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$7,429.00	\$7,429.00	\$60,000.00	\$60,000.00
158	Francis Street Repairs	LSum	1	\$75,000.00	\$75,000.00	\$65,000.00	\$65,000.00	\$23,773.00	\$23,773.00	\$50,000.00	\$50,000.00
159	Spear Street Repairs	LSum	1	\$60,000.00	\$60,000.00	\$25,000.00	\$25,000.00	\$43,432.00	\$43,432.00	\$60,000.00	\$60,000.00
160	Monument Box	Ea	8	\$650.00	\$5,200.00	\$1,000.00	\$8,000.00	\$286.00	\$2,288.00	\$800.00	\$6,400.00
161	Monument Box, Preservation	Ea	8	\$550.00	\$4,400.00	\$1,500.00	\$12,000.00	\$229.00	\$1,832.00	\$1,500.00	\$12,000.00
162	Sanitary MH, Top Section Replacement	Ea	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,857.00	\$2,857.00	\$2,000.00	\$2,000.00
Total:				\$4,228,824.50		Total: \$4,334,036.50		Total: \$4,775,630.00		Total: \$5,365,963.50	
						As-Read: \$4,322,956.50		As-Read: \$4,775,630.00			
						Difference: \$11,080.00		Difference: \$0.00			

Denotes a mathematical error in Contractor's Bid that has been corrected.



January 29, 2026

Via Email: rcummins@saugatuckcity.com

Ryan Cummins, City Manager
City of Saugatuck
102 Butler Street
P.O. Box 86
Saugatuck, MI 49453

RE: Proposal for Construction Engineering Services – 2026 Street and Utility Improvements

Dear Ryan:

As you are aware, we received bids for the 2026 Street and Utility Improvements on January 27, 2026 and anticipate the City to make an award at the February 9, 2026 council meeting, moving toward the construction phase of the project. We anticipate construction to begin in 2026 when the frost laws are lifted at the end of March/early April and continue until mid-November 2026.

Based on our understanding of the construction schedule, we have prepared the attached Work Plan and Proposed Engineering Fees for construction engineering services for the project. We have based our fees on a 30-week construction period. If the schedule deviates significantly, either shorter or longer, we propose to adjust the budget proportionally for those tasks affected by the schedule.

We propose to complete the scope of work identified in the attached Work Plan for the following lump sum fees:

Task	Construction Engineering Fees		
	Township	City	Total
Construction Administration	\$13,300	\$37,000	\$50,300
Construction Staking	\$10,700	\$29,900	\$40,600
On-Site Observation & Testing	\$56,100	\$156,600	\$212,700
Off-Site Testing	\$700	\$1,900	\$2,600
Contract Closeout	\$3,300	\$9,200	\$12,500
Total Proposed Budget	\$84,100	\$234,600	\$318,700

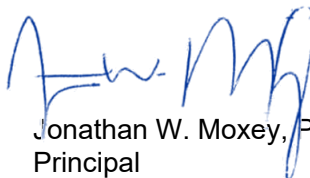
The breakdown for construction engineering services is based on the calculated breakdown of constructions costs (as outlined in the Recommendation of Award dated 1/28/2026), which works out to approximately 26% for the Township and 74% for the City.

We are excited for the opportunity to continue our work with you on this project! Authorization to proceed with construction phase services can be given by returning a copy of this proposal signed below as indicated. In the meantime, please feel free to contact us with any questions.

Sincerely,

FLEIS & VANDENBRINK


Peter Tierney, P.E.
Project Manager


Jonathan W. Moxey, P.E.
Principal

WORK AUTHORIZATION

Fleis & VandenBrink is hereby authorized to proceed with the Scope of Services presented in this proposal in accordance with the existing Professional Services Agreement for General Consultation dated November 13, 2018.

By: Jamie Wolters, City Clerk

Date

By: Holly Anderson, City Mayor

Date

WORK PLAN

Construction Engineering Services

1. Prepare the Notice of Award after an award is made by the City.
2. Review bonds and insurances provided by the Contractor and assemble contracts for signatures. Distribute executed contracts electronically (PDF).
3. Schedule and attend the pre-construction meeting with the Contractor, City representatives, Township representatives, Kalamazoo Sewer and Water Authority (KLSWA), Saugatuck Township Fire District (STFD), private utility companies and other stakeholders, as appropriate. Prepare and distribute meeting minutes.
4. Perform construction staking for the improvements. We will provide staking for the water main, roadway and sidewalk, responding to contractor requests.
5. Provide project administration and engineering consultation throughout the construction period (30 weeks assumed), including:
 - Schedule and progress meetings once every two (2) with the Contractor and City staff. Prepare and distribute meeting minutes.
 - Review shop drawings and other project submittals.
 - Review Contractor pay applications and, if appropriate, submit a recommendation to the City for approval.
 - Maintain project records.
6. Provide on-site observation and testing during project construction activities. Based on our understanding of the project schedule, we have included 30 weeks of observation at an average of 50 hours per week. The field technician's duties will include:
 - Provide daily record keeping of construction activities.
 - Address complaints filed with the City, if any.
 - Provide on-site density testing of soils, concrete testing and density testing of asphalt paving.
7. Provide and coordinate off-site materials testing as required (e.g., sieve analysis of soils and concrete cylinder breaks). Off-site testing services will be sub-contracted to a qualified independent testing consultant and are included in our budget.
8. Conduct a final review meeting on site with the Contractor, KLSWA, and City staff to review the completed work. Prepare a final punch list of remaining work items. Provide follow-up review to see that the punch list items have been addressed.
9. Prepare record drawings reflecting the as-constructed improvements.
10. Coordinate final payment with release of retainage and contract closeout.
11. Update appropriate GIS records resulting from the project.

Maple Street and other Street and Utility Work - Funding Plan

Pre-Design Funding Plan	
Township Half/Share of Water Main Replacement, Sanitary Repairs, and Rehabilitation of Road Over Watermain	\$1,300,000
MDOT Category B Grant - City Road Rehabilitation	\$250,000
Water-Sewer Fund	\$900,000
Local Streets Fund	\$1,220,000
General Fund	\$920,000

Post-Bid Funding Plan	
Contribution from Township - Water Main Replacement, Sanitary Repairs, and Rehabilitation of Road Over Watermain (Less 1/6 of MDOT Cat B Grant)	\$1,261,403.33
MDOT Category B Grant - Township Portion	\$41,666.67
MDOT Category B Grant - City Portion	\$208,333.33
Water Fund	\$916,010.00
Sewer Fund	\$96,000.00
Local Streets Fund	\$1,371,751.25
General Fund	\$1,004,721.93
720 N Maple Reimbursement	\$18,850
Total	\$4,918,736.50

Beginning FY 25/26 Fund Balance	Ending FY 25/26 Fund Balance Based on Budgeted Use of Fund Balance (Note: Budget includes 60% of Maple Street Pre-Design Estimates, Gate Valve, Seawall Repairs, and Street Resurfacing)
580,813.64	244,313.64
226,660.57	180,160.57
2,564,301.50	2,069,801.50
7,444,857.08	5,871,577.08

Anticipated Budgetary Savings

Street Resurfacing in FY 25/26 - Local Streets	50,000
Street Resurfacing in FY 25/26 - Major Streets	40,000
Cost of Sidewalk - General Fund	98,000
DPW Parking Lot - General Fund	11,550

Water Revenue Per Year

Water Infrastructure Fee	350,000
--------------------------	---------

Road Revenue Per Year

Local Road Millage	415,000
County Road Millage	190,000
Act 51*	190,000

**City of Saugatuck
2026 Street Improvements
Subcategory Breakdown**

Subcategory	Design Engineering	As-Bid Construction	Construction Engineering	Subcategory Total	Pre-Design Estimate	Comments
Water Main Replacement - City	\$ 48,000.00	\$ 744,650.00	\$ 52,000.00	\$ 844,650.00	\$ 835,000.00	See note 3 below.
Water Main Replacement - Township	\$ 48,000.00	\$ 806,575.00	\$ 52,000.00	\$ 906,575.00	\$ 835,000.00	See note 3 below.
Sanitary Sewer Repairs - City	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	\$ 60,000.00	See note 1 below.
Sanitary Sewer Repairs - Township	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	\$ 60,000.00	See note 1 below.
Crush & Shape Road Rehab - City	\$ 60,600.00	\$ 968,838.75	\$ 67,400.00	\$ 1,096,838.75	\$ 1,005,000.00	
Crush & Shape Road Rehab - Township	\$ 26,000.00	\$ 336,395.00	\$ 32,100.00	\$ 394,495.00	\$ 405,000.00	
5-Foot Concrete Sidewalk - City	\$ 60,000.00	\$ 841,827.75	\$ 70,000.00	\$ 971,827.75	\$ 1,070,000.00	
Underground Stormwater Detention - City	\$ 10,000.00	\$ 103,200.00	\$ 10,000.00	\$ 123,200.00	\$ 120,000.00	
Culvert Repairs - City	\$ 1,400.00	\$ 25,100.00	\$ 1,600.00	\$ 28,100.00	\$ 30,000.00	
DPW Parking Lot Paving - City	\$ 9,000.00	\$ 138,442.50	\$ 11,000.00	\$ 158,442.50	\$ 170,000.00	
Sanitary Service Extensions - City	\$ 1,000.00	\$ 92,000.00	\$ 1,000.00	\$ 94,000.00	\$ 20,000.00	See note 2 below.
Seawall and Road End Improvements - City	N/A	\$ 160,000.00	\$ 6,000.00	\$ 166,000.00	N/A	
Mary Street Improvements - City	N/A	\$ 33,397.50	\$ 7,000.00	\$ 40,397.50	N/A	
Water Street Gate Valves - City	N/A	\$ 74,760.00	\$ 6,600.00	\$ 81,360.00	N/A	
Water Service Extensions - City	N/A	\$ 8,850.00	N/A	\$ 8,850.00	N/A	See noted 2 below.
Total	\$ 268,000.00	\$ 4,334,036.50	\$ 316,700.00	\$ 4,918,736.50	N/A	

Note 1: Sanitary sewer and manholes were evaluated during design. The chimney condition issues were such that they will be addressed with normal adjustment of castings. The sewer condition is such that repairs are not urgent and can be addressed with lining in the future without impacting the road.

Note 2: Costs for extensions are estimates only to be refined based on actual quantities used during construction.

Note 3: Water service replacement costs assume all unknown services need to be replaced to the home. There are more unknown services on the Township side. All services materials to be confirmed during construction.

RECOMMENDATION OF AWARD

January 28, 2026

Via Email: rcummins@saugatuckcity.com

Ryan Cummins, City Manager
City of Saugatuck
102 Butler Street, P.O. Box 86
Saugatuck, MI 49453

RE: 2026 Street and Utility Improvements

Dear Ryan:

We have reviewed the bids received on January 27, 2026 for the above referenced project. Three bids were received, and the bid summary is attached.

The low bidder is Schippers Excavating of West Olive, Michigan with a bid amount of \$4,334,036.50. We have worked with Schippers Excavating on a number of previous projects and feel they are capable of meeting the project requirements. Schippers is prequalified by the Michigan Department of Transportation in 8 different categories of construction, including those that are applicable to this project. Below is a summary of the as-bid construction costs compared to pre-design and engineer's estimates:

Category	Pre-Design Estimate	Engineer's Estimate	As-Bid
Maple Street & DPW – City	\$2,905,000.00	\$2,930,409.50	\$2,997,669.00
Maple Street - Township	\$1,140,000.00	\$1,068,415.00	\$1,142,970.00
Seawall Improvements (City)	N/A	\$200,000.00	\$160,000.00
Mary Street Improvements (City)	N/A	\$30,000.00	\$33,397.50
Total	N/A	\$4,228,824.50	\$4,334,036.50

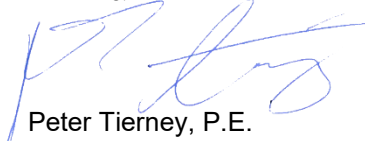
City	Township	Total
\$3,191,066.50	\$1,142,970.00	\$4,334,036.50

Based on the above information we recommend the City award the 2026 Street and Utility project in the amount of \$4,334,036.50 to Schippers Excavating.

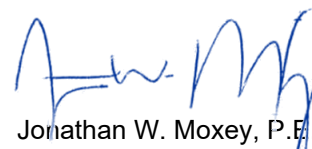
Please feel free to call with any questions.

Sincerely,

FLEIS & VANDENBRINK



Peter Tierney, P.E.
Project Manager



Jonathan W. Moxey, P.E.
Principal

Cc: Scott Herbert, DPW Superintendent

Enclosure