

**CITY OF VERONA**

**PUBLIC WORKS/SEWER & WATER COMMITTEE AGENDA**

**MONDAY, MARCH 8, 2021**

**5:00 P.M.**

**VERONA, WI 53593**

**Due to the COVID-19 pandemic, the Verona Public Works/Sewer & Water Committee will hold its meeting as a virtual meeting. The Verona Public Works/Sewer & Water Committee will not meet at City Hall, 111 Lincoln Street. Members of the Verona Public Works/Sewer & Water Committee and Staff will join the meeting by using Zoom Webinar, as described immediately below.**

**Members of the public can join the meeting using Zoom Webinar via a computer, tablet, or smartphone, or by calling into the meeting using phones, as described immediately below.**

**Join the meeting via computer, tablet, or smart phone:**

<https://zoom.us/j/98883438192>

Webinar ID: 988 8343 8192

**Join the meeting via phone by dialing:**

301-715-8592

Webinar ID: 988 8343 8192

**Agenda Items**

1. Call to order.
2. Roll call.
3. Approval of the minutes of the February 22, 2021 meeting of the Public Works/Sewer and Water Committee.
4. Discussion and action regarding awarding contract for Project 2021-101, Verona Asphaltic Street Rehabilitation Project.
5. Discussion and action regarding awarding contract for Project 2021-102, Pavement Surface Treatment Project.
6. Discussion and action regarding awarding contract for Project 2021-103, Verona Street Concrete Rehabilitation Project.
7. Discussion and action regarding awarding contract for Project 2021-104, Verona Pavement Marking Project.

8. Discussion and action regarding awarding contract for Project 2020-109, N. Main Street Water Main Replacement Project.
9. Discussion and action regarding awarding contract for Project 2018-114, Lincoln Street Stormwater Management Facility Project.
10. Discussion and action regarding Project ID 2018-108 Eastside interceptor gravity sanitary sewer replacement.
11. Adjourn.

Evan Touchett  
Chairperson

*Notice is hereby given that a majority of the City Council may be present at the meeting of the Public Works/Sewer & Water Committee to gather information about a subject over which they have decision-making responsibility.*

POSTED: Verona City Hall  
Miller's Market

ALL AGENDAS ARE POSTED ON THE CITY'S WEBSITE AT [www.ci.verona.wi.us](http://www.ci.verona.wi.us)

IF YOU NEED AN INTERPRETER, MATERIALS IN ALTERNATIVE FORMATS, OR OTHER ACCOMMODATION TO ACCESS THE MEETINGS, PLEASE CONTACT THE CITY CLERK AT 845-6495 AT LEAST 48 HOURS PRECEDING THE MEETING. EVERY REASONABLE EFFORT WILL BE MADE TO ACCOMMODATE YOUR REQUEST.

**CITY OF VERONA**

**MINUTES**

**PUBLIC WORKS/SEWER & WATER COMMITTEE**

**MONDAY, February 22, 2021**

1. The meeting was called to order by Mr. Touchett at 5:02pm.
2. Roll Call: Present: Evan Touchett, Charlie Ryan, Chad Kemp. Also present: Theran Jacobson, Director of Public Works; Carla Fischer, City Engineer, AECOM. **Note:** This was a remote meeting via Zoom and phone conference, instructions on how to join were included with the posted agenda.
3. MOVED by Touchett, seconded by Ryan, to approve the minutes of the January 25, 2021 meeting of the Public Works/Sewer and Water Committee. Motion carried 3-0.
4. MOVED by Touchett, seconded by Kemp, to recommend approval of change order no. 1 for Project ID 2018-108 Eastside Interceptor Replacement. Motion carried 3-0.
5. MOVED by Touchett, seconded by Ryan, to recommend approval of change order no. 2 for Project ID 2018-108 Eastside Interceptor Replacement. Motion carried 3-0.
6. MOVED by Touchett, seconded by Kemp, to recommend approval of Resolution R-21-007, Accepting Public Improvements adjacent to Verona Area High School. Motion carried 3-0.
7. DISCUSSION about Eastside Interceptor Gravity Sanitary Sewer Replacement.  
Jacobson stated the majority of the questions concerned the asphalt path, and noted there was support from this committee and the Park Board, as City of Verona Parks Director Walker and he presented to PWSW Committee at the last meeting held. At this point, staff is moving forward with constructing the path unless directed otherwise. Crews are putting pipe in the ground and the gravity sewer is in under CTH M. Crews are looking at digging the launch pit right now for the Force Main Bore under CTH M, and that's the next major construction task that will be done. Currently there are three crews on site.

Ryan stated he got a couple of emails that he needs to respond to about the path specifically. He clarified that there will be an unpaved portion?

Jacobson stated there is a 10 foot wide asphalt path that will go from South Main Street, County Highway M north along Badger Mill Creek up to the Ice Age Bridge that crosses Badger Mill Creek up near the Arbor Vitae Place connection. There will be a gravel section that will connect the asphalt path to Arbor Vitae Place. That is a 10 foot wide granite chip, similar to the Military Ridge State Trail. That was a request from Dane County during the design elements and easement negotiations, to define a trail through that 60 foot wide out-lot that the City owns. It's not a part of the pedestrian bike plan or any similar study; it's connectivity to that area (Eastview). That's the area that would be gravel. Regarding the asphalt path from M to the Ice Age trail bridge, it is just the asphalt path and then the Ice Age trail offset along Badger Mill Creek. Whatever top-dressing (walking path) the Ice Age trail ends up wanting to utilize, whether it's native ground or if they put a stone chips down in certain segments, those details will be determined at a later date. Maybe what (the emails) are referring to is

what is around the sanitary sewer manholes? We need to have a stable ground to drive maintenance equipment up to because the soils down there are very unstable otherwise, basically any vehicles the City takes down there will end up just buried to the axles based on some of the weights of them. What the City is going to end up doing is putting gravel pads in, but topdressing with six inches of topsoil, so they're basically camouflaged and hidden, but still have that base underneath to provide stability.

Ryan stated he thinks constituents may be concerned about the impervious parts of the path, and whether there would be run-off into the creek, and the overall issue of aesthetics.

Touchett noted that the asphalt path was part of the Bike and Pedestrian study, and most folks prefer riding bikes on asphalt, and that there has been a push from residents in the past to pave the Military Ridge Trail. He also noted this is about serving the community, not trying to protect someone's quiet backyard, much as he appreciates that, it discounts the rest of the city. Touchett noted for many years and before he's been on Council, the City has been trying to pave the Military Ridge State Trail.

Kemp noted he thinks people will use it more if paved. He likes the idea of making it a bike-able commute. He noted when his office was downtown, he rode his bike to work five or six different times, but if it had been paved, he probably would have all of the time. Kemp thinks environmental impacts overtime, if people are able to bike more, are: 1) people will use their bicycles more, which is healthier, and 2) it enables people to take a chunk out of their carbon footprint. So, he's been in favor of paving the whole thing (path).

Jacobson also noted the path will have a vegetative buffer between the Creek and Path, which is a best management practice for slowing and filtering runoff.

No motion taken.

8. MOVED by Kemp, seconded by Ryan adjourn at 5:31pm. Motion carried 3-0.

Note: These minutes were prepared by Theran Jacobson, Director of Public Works. These minutes are based on the notes of the recorder and are subject to change at a subsequent meeting.

## **Public Works/Sewer & Water Committee**

Listed below is an explanation of the items on the Public Works/Sewer & Water Committee agenda.

### **Item (4) Awarding contract for Project 2021-101, Verona Asphaltic Street Rehabilitation Project.**

Two bids were received for the project referenced above and are listed below in order lowest to highest:

- Payne & Dolan, Inc. of Fitchburg, WI in the amount of \$182,172.50.
- Wolf Paving & Excavating, Inc. of Sun Prairie, WI in the amount of \$183,233.50

The estimate without contingencies was \$268,095.00. The following bid items provided a significant reduction as compared to the estimate:

- Traffic control
- Milling Asphaltic Surface
- Mobilization
- HMA Pavement

Payne & Dolan has completed or currently working on other projects within the City of Verona. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Payne & Dolan has the personnel, equipment and financial assets necessary to complete the 2021-101, Verona Street Asphaltic Rehabilitation Project.

The streets included in the project are as follows:

- Locust Drive (Bruce Street to USH 18/151 bridge)
- Prairie Heights Drive (Locust Drive to CTH M)

### **Item (5) Awarding contract for Project 2021-102, Pavement Surface Treatment Project.**

One bid was received for the project referenced above and is listed below:

- Fahrner's Asphalt Sealers of Waunakee, WI in the amount of \$189,660.00.

The estimate without contingencies was \$187,000 (with contingencies was \$205,700.00).

Fahrner's has provided this service for the City of Verona most recently in 2020. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Fahrner's has the personnel, equipment and financial assets necessary to complete the 2021-102, Pavement Surface Treatment Project.

The streets included for chip seal in the project are as follows:

- Spruce Street

- Spruce Circle
- Birch Court
- Hickory Court
- Maple Road
- Ash Court
- Mahogany Way
- Walnut Street
- Cedar Court
- Poplar Way
- Pine Court
- Tamarack Way
- Kettle Woods Drive
- Lone Pine Way
- Kettle Court
- Ashton Drive
- Drumlin Drive
- Carter Court
- Esker Drive
- Wildcat Way

This project will also include a polymer Overlay for the following bridges:

- Wildcat Way
- Stewart's Woods Road
- Bruce Street
- Old PB

**Item (6) Awarding contract for Project 2021-103, Verona Street Concrete Rehabilitation Project.**

Three bids were received for the project referenced above and are listed below in order lowest to highest:

- CPR, Inc. of Brookfield, WI in the amount of \$89,725.00.
- Parisi Construction Co. Inc. of Verona, WI in the amount of \$106,335.00
- Raymond P. Cattell, Inc. of Madison, WI in the amount of \$116,775.00.

The estimate without contingencies was \$151,775.00. The following bid items provided a significant reduction as compared to the estimate:

- Concrete Pavement Repair
- Concrete Pavement Replacement
- Mobilization
- Traffic Control

CPR, Inc. has not completed any project in the City of Verona in the past. CPR, Inc. completed the Bidder's Proof of Responsibility form required. This form was accepted by City staff on 2/15/2021. Based on the Bidder's Proof of Responsibility, references checked, and the company's past experience, Public Works Staff is of the opinion that CPR, Inc. has the personnel, equipment, and financial assets necessary to complete the 2021-103, City of Verona Concrete Street Rehabilitation project.

The streets included in the project are as follows:

- West Verona Avenue (West End Circle to Epic Lane)
- This does not include any intersection work at Epic Lane but staff recommends performing this similar work at the intersection of Epic Lane / W. Verona Avenue.

**Item (7) Awarding contract for Project 2021-104, Verona Pavement Marking Project.**

One bid was received for the project referenced above and is listed below:

- Brickline, Inc. of Madison, WI in the amount of \$36,217.50.

The estimate without contingencies was \$62,300.00. The following bid items provided a significant reduction as compared to the estimate:

- Mobilization
- Marking Line 4-Inch Epoxy
- Marking Line 8-Inch Epoxy
- Marking Crosswalk 6-Inch Epoxy

Brickline has successfully completed a number of projects in the City of Verona as a sub-contractor. Most recently Brickline completed the VASD public transportation improvement project as a sub-contractor. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Brickline has the personnel, equipment and financial assets necessary to complete the 2021-104, City of Verona Pavement Marking Project.

The streets included in the project are as follows:

- 2021-101, Verona Asphaltic Street Rehabilitation Project
- 2021-102, Pavement Surface Treatment Project
- 2021-103, Verona Street Concrete Rehabilitation Project
- Portions of Northern Lights Road

**Item (8) Awarding contract for Project 2020-109, N. Main Street Water Main Replacement Project.**

Seven bids were received for the project referenced above and are listed below in order lowest to highest:

- Maddrell Excavating, LLC of Brodhead, WI in the amount of \$219,507.25.

- S&L Underground, Inc. of Lodi, WI in the amount of \$227,202.93.
- Parisi Construction Co. Inc. of Verona, WI in the amount of \$241,306.50.
- Capitol Underground, Inc. of Sun Prairie, WI in the amount of \$254,272.15.
- Badgerland Excavating, Corp. of Madison, WI in the amount of \$258,520.25.
- E & N Hughes Co. Inc. of Monroe, WI in the amount of \$262,116.70.
- G-Pro Excavating & Landscaping, LLC of Monfort, WI in the amount of \$291,329.00.

The estimate without contingencies was \$280,675.00. The following bid items provided a significant reduction as compared to the estimate:

- Base Aggregates
- Mobilization
- Traffic Control
- Select Trench Backfill
- 10-Inch Ductile Iron Water Main

Maddrell Excavating, LLC has successfully completed a number of other utility projects throughout the City of Verona; most recently the annual pond dredging projects and the 2018 S. Shuman & W. Park Lane street and utility replacement. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Maddrell Excavating has the personnel, equipment and financial assets necessary to complete the 2020-109, N. Main Street Water Main Replacement Project.

**Item (9) Awarding contract for Project 2018-114, Lincoln Street Stormwater Management Facility Project.**

Five bids were received and are listed below in order lowest to highest:

- Drax, Inc. of Madison, WI in the amount of \$1,573,038.00.
- Integrity Grading and Excavating of Schofield, WI in the amount of \$1,608,812.98.
- Fischer Excavating, Inc of Freeport, IL in the amount of \$1,793,263.00
- R.G. Huston Company, Inc. of Cottage Grove, WI in the amount of \$2,076,557.55.
- Parisi Construction Co. Inc. of Verona, WI in the amount of \$2,231,775.50.

The estimate without contingencies was \$1,863,874.50. The following bid items provided a significant reduction as compared to the estimate:

- Common Excavation
- Seeding
- Traffic Control
- 4-Inch Geoweb
- Colored Concrete Infill
- Rock Excavation
- Pipe Underdrain 6-Inch
- Cleanouts



Drax, Inc. in 2017 successfully completed the Lincoln Street lower channel maintenance & rehabilitation phase II project (ID 2017-109). Based on past work performed in the City of Verona and references checked, Public Works staff is of the opinion that Drax, Inc. has the personnel, equipment and financial assets necessary to complete the 2018-114, Lincoln Street stormwater management facility project.

**Item (10) Project ID 2018-108 Eastside interceptor gravity sanitary sewer replacement.**

Staff will provide a construction update on the Eastside Interceptor Replacement Project.



# City of Verona

Public Works Department  
410 Investment Court  
Verona, WI 53593

Phone: (608) 845-6695 Fax: (608) 845-5761  
Email: [theran.jacobson@ci.verona.wi.us](mailto:theran.jacobson@ci.verona.wi.us)

March 1, 2021

Verona City Council Members  
111 Lincoln Street  
Verona, WI 53593

Subject: **Letter of Recommendation**  
**2021-101, 2021 City of Verona Street Asphaltic Rehabilitation Project**

Dear Council Members:

In accordance with the Official Notice to Bidders, the office of the Public Works Director accepted sealed bids for the above named project until 11:00 a.m. local time on February 24, 2021. Following the close of bidding, the bids received were publicly opened virtually via Zoom and read aloud. Staff has reviewed the bids received. A copy of the Bid Tabulation is attached.

Two bids were received and are listed below in order lowest to highest:

- Payne & Dolan, Inc. of Fitchburg, WI in the amount of \$182,172.50.
- Wolf Paving & Excavating, Inc. of Sun Prairie, WI in the amount of \$183,233.50

The estimate without contingencies was \$268,095.00. The following bid items provided a significant reduction as compared to the estimate:

- Traffic control
- Milling Asphaltic Surface
- Mobilization
- HMA Pavement

Payne & Dolan has completed the 2020 rehabilitation project for the City of Verona and also as a sub-contractor in 2016, 2017, 2018, and 2019 for various other projects. Payne & Dolan has also successfully completed a number of other projects throughout the City of Verona as the prime contractor. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Payne & Dolan has the personnel, equipment and financial assets necessary to complete the 2021-101, 2021 City of Verona Street Asphaltic Rehabilitation Project.

I would therefore recommend that the City of Verona accept the bid of Payne & Dolan for the 2021-101, 2021 City of Verona Street Asphaltic Rehabilitation Project and recommend awarding a contract to Payne & Dolan in the amount of \$182,172.50.

The streets included in the project are as follows:

- Locust Drive (Bruce Street to USH 18/151 bridge)
- Prairie Heights Drive (Locust Drive to CTH M)

I will be pleased to answer any questions concerning the recommendations set forth.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Theran P. Jacobson', with a long horizontal flourish extending to the right.

Theran P. Jacobson, P.E.  
Public Works Director

Drafted / reviewed by:  
EAS/tpj

S:\PROJECTS\2021-101\_STREET REHABILITATION ASPHALT\DESIGN - PERMITTING - BIDDING\BIDDING\LETTER OF RECOMMENDATION\2021-101, ASPHALT REHABILITATION LETTER OF RECOMMENDATION\_2021-03-01.DOCX

**2021-101, 2021 Asphaltic Street Rehabilitation Project  
CITY OF VERONA, WISCONSIN**

Bid Date: 24-Feb-21 11:00 Bid Time

**2021-101, 2021 Asphaltic Street Rehabilitation Project  
For  
City of Verona, Wisconsin**

Item	Description	Unit Price	Units	Engineers Estimate		Payne & Dolan, Inc		Wolf Paving		Unit Price	Total
				Est Quantity	Total	Unit Price	Total	Unit Price	Total		
1204.0120	Removing Asphaltic Surface Milling	13000	SY	\$ 3.00	\$ 39,000.00	\$ 1.25	\$ 16,250.00	\$ 1.63	\$ 21,190.00		\$ -
1204.0150	Removing Curb & Gutter	500	LF	\$ 20.00	\$ 10,000.00	\$ 7.50	\$ 3,750.00	\$ 5.00	\$ 2,500.00		\$ -
1204.0155	Removing Concrete Sidewalk/Driveway	200	SY	\$ 25.00	\$ 5,000.00	\$ 13.00	\$ 2,600.00	\$ 16.00	\$ 3,200.00		\$ -
1204.0300	Removing Distressed Pavement Milling	300	SY	\$ 4.50	\$ 1,350.00	\$ 3.00	\$ 900.00	\$ 9.50	\$ 2,850.00		\$ -
1205.0100	Excavation Common	150	CY	\$ 20.00	\$ 3,000.00	\$ 17.00	\$ 2,550.00	\$ 17.80	\$ 2,670.00		\$ -
1305.0120	Base Aggregate Dense 1-1/4-Inch	175	Ton	\$ 20.00	\$ 3,500.00	\$ 17.00	\$ 2,975.00	\$ 16.80	\$ 2,940.00		\$ -
1315.0100	Asphaltic Base	50	Ton	\$ 150.00	\$ 7,500.00	\$ 90.00	\$ 4,500.00	\$ 88.00	\$ 4,400.00		\$ -
1416.0170	Concrete Driveway 7-Inch	65	SY	\$ 75.00	\$ 4,875.00	\$ 55.00	\$ 3,575.00	\$ 63.50	\$ 4,127.50		\$ -
1455.0605	Tack Coat	900	Gal	\$ 3.00	\$ 2,700.00	\$ 2.00	\$ 1,800.00	\$ 3.00	\$ 2,700.00		\$ -
1460.5224	HMA Pavement 4 LT 58-28 S	1550	Ton	\$ 75.00	\$ 116,250.00	\$ 68.50	\$ 106,175.00	\$ 65.70	\$ 101,835.00		\$ -
1465.0110	Asphaltic Surface Patching	50	Ton	\$ 150.00	\$ 7,500.00	\$ 110.00	\$ 5,500.00	\$ 110.00	\$ 5,500.00		\$ -
1601.0110	Concrete Curb & Gutter 30-Inch Type D	500	LF	\$ 40.00	\$ 20,000.00	\$ 33.00	\$ 16,500.00	\$ 32.50	\$ 16,250.00		\$ -
1602.0410	Concrete Sidewalk 5-Inch	650	SF	\$ 10.00	\$ 6,500.00	\$ 6.50	\$ 4,225.00	\$ 6.05	\$ 3,932.50		\$ -
1602.0420	Concrete Sidewalk 7-Inch	610	SF	\$ 12.00	\$ 7,320.00	\$ 7.25	\$ 4,422.50	\$ 6.55	\$ 3,995.50		\$ -
1602.0515	Curb Ramp Detectable Warning Field Natural Patina	40	SF	\$ 40.00	\$ 1,600.00	\$ 45.00	\$ 1,800.00	\$ 35.00	\$ 1,400.00		\$ -
1619.1000	Mobilization	1	EA	\$ 20,000.00	\$ 20,000.00	\$ 1,400.00	\$ 1,400.00	\$ 500.00	\$ 500.00		\$ -
1643.5000	Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,743.00	\$ 1,743.00		\$ -
1690.1000	Sawing Pavement	1000	LF	\$ 2.00	\$ 2,000.00	\$ 2.25	\$ 2,250.00	\$ 1.50	\$ 1,500.00		\$ -
<b>Bid Total</b>					<b>\$ 268,095.00</b>		<b>\$ 182,172.50</b>		<b>\$ 183,233.50</b>		<b>\$ -</b>
Contingency				10%	\$ 26,809.50	Bid Bond		5%		5%	
Total w. Contingency					\$ 294,904.50						

\* - Apparent Low Bidder

Total \$ 294,904.50



# City of Verona

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410 Investment Court  
Verona, WI 53593

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Email: [theran.jacobson@ci.verona.wi.us](mailto:theran.jacobson@ci.verona.wi.us)

March 1, 2021

Verona City Council Members  
111 Lincoln Street  
Verona, WI 53593

Subject: **Letter of Recommendation**  
**2021-102, 2021 City of Verona Pavement Surface Treatment Project**

Dear Council Members:

In accordance with the Official Notice to Bidders, the office of the Public Works Director accepted sealed bids for the above named project until 11:00 a.m. local time on February 24, 2021. Following the close of bidding, the bids received were publicly opened virtually via Zoom and read aloud. Staff has reviewed the bids received. A copy of the Bid Tabulation is attached.

One bid was received and is listed below:

- Fahrner Asphalt Sealers of Waunakee, WI in the amount of \$189,660.00.

The estimate without contingencies was \$187,000 and with contingencies was \$205,700.00.

Fahrner Asphalt Sealers has provided this service for the City of Verona over the past eight years and has performed at or above City expectations. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Fahrner Asphalt Sealers has the personnel, equipment and financial assets necessary to complete the 2021-102, 2021 City of Verona Pavement Surface Treatment Project.

I would therefore recommend that the City of Verona accept the bid of Fahrner Asphalt Sealers for the 2021-102, 2021 City of Verona Pavement Surface Treatment Project and recommend awarding a contract to Fahrner Asphalt Sealers in the amount of \$189,660.00.

The streets included for chip seal in the project are as follows:

- Spruce Street
- Spruce Circle
- Birch Court
- Hickory Court
- Maple Road
- Ash Court
- Mahogany Way

- Walnut Street
- Cedar Court
- Poplar Way
- Pine Court
- Tamarack Way
- Kettle Woods Drive
- Lone Pine Way
- Kettle Court
- Ashton Drive
- Drumlin Drive
- Carter Court
- Esker Drive
- Wildcat Way

This project will also include a polymer Overlay for the following bridges:

- Wildcat Way
- Stewart's Woods Road
- Bruce Street
- Old PB

I will be pleased to answer any questions concerning the recommendations set forth.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Theran P. Jacobson', with a long horizontal flourish extending to the right.

Theran P. Jacobson, P.E.  
Public Works Director

Drafted / reviewed by:  
EAS/tpj

S:\PROJECTS\2021-102\_2021\_PAVEMENT\_SURFACE\_TREATMENT\DESIGN - PERMITTING - BIDDING\BIDDING\LETTER OF RECOMMENDATION\2021-102, PAVEMENT SURFACE TREATMENT LETTER OF RECOMMENDATION\_2021-03-01.DOCX

**BID TABULATION**

**2021-102, 2021 Pavement Surface Treatment  
CITY OF VERONA, WISCONSIN**

Bid Date:

24-Feb-21

11:00 Bid Time

**2021-102, 2021 Pavement Surface Treatment  
For  
City of Verona, Wisconsin**

Item	Description	Quantity	Units	Engineers Estimate		Fahrner Asphalt Sealers		Unit Price	Total	Unit Price	Total
				Unit Price	Total	Unit Price	Total				
1475.0100	Chip Seal (Granite Chip Seal)	54,000	S.Y	\$ 2.10	\$ 113,400.00	\$ 1.96	\$ 105,840.00		\$ -		\$ -
1477.1000	Infrared Heats (5-FTx7-FT)	50	EA	\$ 210.00	\$ 10,500.00	\$ 180.00	\$ 9,000.00		\$ -		\$ -
1509.5100.S	Polymer Overlay	1,100	SY	\$ 40.00	\$ 44,000.00	\$ 53.00	\$ 58,300.00		\$ -		\$ -
1643.5000	Traffic Control	1	L.S	\$ 10,000.00	\$ 10,000.00	\$ 9,500.00	\$ 9,500.00		\$ -		\$ -
SPV.0180.01	GSB-88 Emulsified Asphalt Seal Coat	5,200	SY	\$ 1.75	\$ 9,100.00	\$ 1.35	\$ 7,020.00		\$ -		\$ -
<b>Bid Total</b>					<b>\$ 187,000.00</b>		<b>\$ 189,660.00</b>		<b>\$ -</b>		<b>\$ -</b>
Contingency				10%	\$ 18,700.00	Bid Bond 5%					
Total w. Contingency					\$ 205,700.00						

\* - Apparent Low Bidder

Total \$ 205,700.00



# City of Verona

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410 Investment Court  
Verona, WI 53593

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Email: [theran.jacobson@ci.verona.wi.us](mailto:theran.jacobson@ci.verona.wi.us)

March 1, 2021

Verona City Council Members  
111 Lincoln Street  
Verona, WI 53593

Subject: **Letter of Recommendation**  
**2021-103, 2021 City of Verona Concrete Street Rehabilitation Project**

Dear Council Members:

In accordance with the Official Notice to Bidders, the office of the Public Works Director accepted sealed bids for the above named project until 11:00 a.m. local time on February 24, 2021. Following the close of bidding, the bids received were publicly opened virtually via Zoom and read aloud. Staff has reviewed the bids received. A copy of the Bid Tabulation is attached.

Three bids were received and are listed below in order lowest to highest:

- CPR, Inc. of Brookfield, WI in the amount of \$89,725.00.
- Parisi Construction Co. Inc. of Verona, WI in the amount of \$106,335.00
- Raymond P. Cattell, Inc. of Madison, WI in the amount of \$116,775.00.

The estimate without contingencies was \$151,775.00. The following bid items provided a significant reduction as compared to the estimate:

- Concrete Pavement Repair
- Concrete Pavement Replacement
- Mobilization
- Traffic Control

Although CPR, Inc has not completed any project in the City of Verona in the past, CPR Inc completed the Bidders Proof of Responsibility form required. This form was accepted by City staff on 2/15/2021. Based on the Bidders Proof of Responsibility, references checked, and the company's past experience, Public Works Staff is of the opinion that CPR, Inc has the personnel, equipment, and financial assets necessary to complete the 2021-103, 2021 City of Verona Concrete Street Rehabilitation project.

I would therefore recommend that the City of Verona accept the bid of CPR, Inc. for the 2021-103, 2021 City of Verona Concrete Street Rehabilitation Project and recommend awarding a contract to CPR, Inc. in the amount of \$89,725.00.



The streets included in the project are as follows:

- West Verona Avenue (West End Circle to Epic Lane)
- This does not include any intersection work at Epic Lane but staff recommends perform this similar work at the intersection of Epic Lane / W. Verona Avenue.

I will be pleased to answer any questions concerning the recommendations set forth.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Theran P. Jacobson', with a long horizontal flourish extending to the right.

Theran P. Jacobson, P.E.  
Public Works Director

Drafted / reviewed by:  
EAS/tpj

S:\PROJECTS\2021-103\_STREET\_REHABILITATION\_CONCRETE\DESIGN - PERMITTING - BIDDING\BIDDING\LETTER OF RECOMMENDATION\2021-103, CONCRETE REHABILITATION LETTER OF RECOMMENDATION\_2021-03-01.DOCX

BID TABULATION

2021-103, 2021 Concrete Pavement Rehabilitation Project  
CITY OF VERONA, WISCONSIN

Bid Date:

24-Feb-21

11:00 Bid Time

2021-103, 2021 Concrete Pavement Rehabilitation Project  
For  
City of Verona, Wisconsin

Item	Description	Estimated Quantity	Units	Engineer's Estimate		CPR Inc.		Raymond P. Cattell Inc.		Parisi Construction Co. Inc.	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1204.0110	Removing Asphaltic Surface	375	SY	\$ 8.00	\$ 3,000.00	\$ 5.00	\$ 1,875.00	\$ 9.00	\$ 3,375.00	\$ 4.20	\$ 1,575.00
1204.0150	Removing Curb & Gutter	200	LF	\$ 20.00	\$ 4,000.00	\$ 5.00	\$ 1,000.00	\$ 8.00	\$ 1,600.00	\$ 8.00	\$ 1,600.00
1202.0100	Excavation Common	75	CY	\$ 25.00	\$ 1,875.00	\$ 30.00	\$ 2,250.00	\$ 25.00	\$ 1,875.00	\$ 20.00	\$ 1,500.00
1305.0110	Base Aggregate Dense 3/4-Inch	50	Ton	\$ 25.00	\$ 1,250.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 22.00	\$ 1,100.00
1305.0120	Base Aggregate Dense 1 1/4-Inch	50	Ton	\$ 18.00	\$ 900.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 22.00	\$ 1,100.00
1305.0130	Base Aggregate Dense 3-Inch	100	Ton	\$ 18.00	\$ 1,800.00	\$ 20.00	\$ 2,000.00	\$ 10.00	\$ 1,000.00	\$ 15.00	\$ 1,500.00
1305.0500	Shaping Shoulders	650	LF	\$ 2.00	\$ 1,300.00	\$ 5.00	\$ 3,250.00	\$ 5.00	\$ 3,250.00	\$ 2.00	\$ 1,300.00
1416.0610	Drilled Tie Bars	30	EA	\$ 20.00	\$ 600.00	\$ 6.00	\$ 180.00	\$ 12.50	\$ 375.00	\$ 12.00	\$ 360.00
1416.0620	Drilled Dowel Bars	600	EA	\$ 25.00	\$ 15,000.00	\$ 12.00	\$ 7,200.00	\$ 12.50	\$ 7,500.00	\$ 16.00	\$ 9,600.00
1416.1710	Concrete Pavement Repair	350	SY	\$ 125.00	\$ 43,750.00	\$ 85.00	\$ 29,750.00	\$ 116.00	\$ 40,600.00	\$ 120.00	\$ 42,000.00
1416.1720	Concrete Pavement Replacement	150	SY	\$ 150.00	\$ 22,500.00	\$ 85.00	\$ 12,750.00	\$ 116.00	\$ 17,400.00	\$ 120.00	\$ 18,000.00
1460.5224	HMA Pavement 4 LT 58-28 S	80	Ton	\$ 120.00	\$ 9,600.00	\$ 134.00	\$ 10,720.00	\$ 125.00	\$ 10,000.00	\$ 130.00	\$ 10,400.00
1601.0130	Concrete Curb and Gutter 30-Inch Type A	200	LF	\$ 40.00	\$ 8,000.00	\$ 20.00	\$ 4,000.00	\$ 40.00	\$ 8,000.00	\$ 32.00	\$ 6,400.00
1619.1000	Mobilization	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,500.00	\$ 8,500.00	\$ 2,000.00	\$ 2,000.00
1643.5000	Traffic Control	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 4,550.00	\$ 4,550.00	\$ 6,500.00	\$ 6,500.00	\$ 4,700.00	\$ 4,700.00
1690.1000	Sawing Pavement	1,600	LF	\$ 2.00	\$ 3,200.00	\$ 2.00	\$ 3,200.00	\$ 3.00	\$ 4,800.00	\$ 2.00	\$ 3,200.00
<b>Bid Total</b>				\$	<b>151,775.00</b>	\$	<b>89,725.00</b>	\$	<b>116,775.00</b>	\$	<b>106,335.00</b>
Contingency				10%	\$ 15,177.50	Bid Bond		5%		5%	
Total w. Contingency				\$	166,952.50						

\* - Apparent Low Bidder



# City of Verona

Public Works Department  
410 Investment Court  
Verona, WI 53593

Phone: (608) 845-6695 Fax: (608) 845-5761  
Email: [theran.jacobson@ci.verona.wi.us](mailto:theran.jacobson@ci.verona.wi.us)

March 1, 2021

Verona City Council Members  
111 Lincoln Street  
Verona, WI 53593

Subject: **Letter of Recommendation**  
**2021-104, 2021 City of Verona Pavement Marking Project**

Dear Council Members:

In accordance with the Official Notice to Bidders, the office of the Public Works Director accepted sealed bids for the above named project until 11:00 a.m. local time on February 24, 2021. Following the close of bidding, the bids received were publicly opened virtually via Zoom and read aloud. Staff has reviewed the bids received. A copy of the Bid Tabulation is attached.

One bid was received and is listed below:

- Brickline, Inc. of Madison, WI in the amount of \$36,217.50.

The estimate without contingencies was \$62,300.00. The following bid items provided a significant reduction as compared to the estimate:

- Mobilization
- Marking Line 4-Inch Epoxy
- Marking Line 8-Inch Epoxy
- Marking Crosswalk 6-Inch Epoxy

Brickline has successfully completed a number of projects in the City of Verona as a sub-contractor and recently completed VASD public transportation improvement project. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Brickline has the personnel, equipment and financial assets necessary to complete the 2021-104, 2021 City of Verona Pavement Marking Project.

I would therefore recommend that the City of Verona accept the bid of Brickline for the 2021-104, 2021 City of Verona Pavement Marking Project and recommend awarding a contract to Brickline, Inc. in the amount of \$36,217.50.

I will be pleased to answer any questions concerning the recommendations set forth.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Theran P. Jacobson', with a long horizontal flourish extending to the right.

Theran P. Jacobson, P.E.  
Public Works Director

Drafted / reviewed by:  
EAS/tpj

S:\PROJECTS\2021-104\_2021 PAVEMENT MARKING\DESIGN - PERMITTING - BIDDING\BIDDING\LETTER OF RECOMMENDATION\2021-104,  
PAVEMENT MARKING LETTER OF RECOMMENDATION\_2021-03-01.DOCX

BID TABULATION

2021-104, 2021 City of Verona Pavement Marking Re-Stripe Project  
CITY OF VERONA, WISCONSIN

Bid Date:

24-Feb-21

11:00 Bid Time

2021-104, 2021 City of Verona Pavement Marking Re-Stripe Project  
For  
City of Verona, Wisconsin

Item	Description	Estimated Quantity	Units	Engineer's Estimate		Brickline, Inc		Unit Cost	Total	Unit Cost	Total
				Unit Cost	Total	Unit Cost	Total				
1619.1000	MOBILIZATION	4	EACH	\$ 1,500.00	\$ 6,000.00	\$ 650.00	\$ 2,600.00		\$ -		\$ -
1646.1020	MARKING LINE EPOXY 4-INCH	10,500	LF	\$ 2.00	\$ 21,000.00	\$ 0.95	\$ 9,975.00		\$ -		\$ -
1646.3020	MARKING LINE EPOXY 8-INCH	1,800	LF	\$ 4.00	\$ 7,200.00	\$ 1.80	\$ 3,240.00		\$ -		\$ -
1646.5220	MARKING SYMBOL EPOXY	10	EACH	\$ 250.00	\$ 2,500.00	\$ 225.00	\$ 2,250.00		\$ -		\$ -
1646.6105	MARKING STOP LINE EPOXY 18-INCH	450	LF	\$ 12.00	\$ 5,400.00	\$ 12.25	\$ 5,512.50		\$ -		\$ -
1646.7420	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	1,670	LF	\$ 12.00	\$ 20,040.00	\$ 7.50	\$ 12,525.00		\$ -		\$ -
1646.8320	MARKING PARKING STALL EPOXY	20	LF	\$ 8.00	\$ 160.00	\$ 5.75	\$ 115.00		\$ -		\$ -
<b>Bid Total</b>					<b>\$ 62,300.00</b>		<b>\$ 36,217.50</b>		<b>\$ -</b>		<b>\$ -</b>
Contingency				10%	\$ 6,230.00	Bid Bond 5%					
Total w. Contingency					\$ 68,530.00				\$ -		\$ -

\* - Apparent Low Bidder



# City of Verona

Public Works Department  
410 Investment Court  
Verona, WI 53593

Phone: (608) 845-6695 Fax: (608) 845-5761  
Email: [theran.jacobson@ci.verona.wi.us](mailto:theran.jacobson@ci.verona.wi.us)

March 1, 2021

Verona City Council Members  
111 Lincoln Street  
Verona, WI 53593

Subject: **Letter of Recommendation**  
**2020-109, N. Main Street Watermain Replacement Project**

Dear Council Members:

In accordance with the Official Notice to Bidders, the office of the Public Works Director accepted sealed bids for the above named project until 11:00 a.m. local time on February 24, 2021. Following the close of bidding, the bids received were publicly opened virtually via Zoom and read aloud. Staff has reviewed the bids received. A copy of the Bid Tabulation is attached.

Seven bids were received and are listed below in order lowest to highest:

- Maddrell Excavating, LLC of Brodhead, WI in the amount of \$219,507.25.
- S&L Underground, Inc. of Lodi, WI in the amount of \$227,202.93.
- Parisi Construction Co. Inc. of Verona, WI in the amount of \$241,306.50.
- Capitol Underground, Inc. of Sun Prairie, WI in the amount of \$254,272.15.
- Badgerland Excavating, Corp. of Madison, WI in the amount of \$258,520.25.
- E & N Hughes Co. Inc. of Monroe, WI in the amount of \$262,116.70.
- G-Pro Excavating & Landscaping, LLC of Monfort, WI in the amount of \$291,329.00.

The estimate without contingencies was \$280,675.00. The following bid items provided a significant reduction as compared to the estimate:

- Base Aggregates
- Mobilization
- Traffic Control
- Select Trench Backfill
- 10-Inch Ductile Iron Water Main

Maddrell Excavating, LLC has successfully completed a number of other utility projects throughout the City of Verona; most recently annual pond dredging and 2018 S. Shuman & W. Park Lane replacement. Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Maddrell Excavating has the personnel,

equipment and financial assets necessary to complete the 2020-109, N. Main Street Water Main Replacement Project.

I would therefore recommend that the City of Verona accept the bid of Maddrell Excavating for the 2020-109, N. Main Street Water Main Replacement Project and recommend awarding a contract to Maddrell Excavating in the amount of \$219,507.25.

I will be pleased to answer any questions concerning the recommendations set forth.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Theran P. Jacobson', with a long horizontal flourish extending to the right.

Theran P. Jacobson, P.E.  
Public Works Director

Drafted / reviewed by:  
EAS/tpj

S:\PROJECTS\2020-109\_N. MAIN ST WATERMAIN REPLACEMENT\DESIGN - PERMITTING - BIDDING\BIDDING\LETTER OF RECOMMENDATION\2020-109, N. MAIN WATER MAIN REPLACEMENT LETTER OF RECOMMENDATION\_2021-03-01.DOCX

BID TABULATION

2020-109, N. Main Street Watermain Replacement  
CITY OF VERONA, WISCONSIN

Bid Date:

24-Feb-21

11:00 Bid Time

2020-109, N. Main Street Watermain Replacement  
For  
City of Verona, Wisconsin

Item	Description	Quantity	Units	Engineers Estimate		Maddrell Excavating LLC		Capitol Underground, Inc		E & N Hughes Co. Inc.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1204.0150	Removing Curb & Gutter	182	LF	\$ 9.00	\$ 1,638.00	\$ 4.00	\$ 728.00	\$ 4.65	\$ 846.30	\$ 8.00	\$ 1,456.00
1204.0155	Removing Concrete Sidewalk	20	SY	\$ 9.00	\$ 180.00	\$ 5.00	\$ 100.00	\$ 31.00	\$ 620.00	\$ 6.15	\$ 123.00
1205.0100	Excavation Common	620	CY	\$ 15.00	\$ 9,300.00	\$ 14.00	\$ 8,680.00	\$ 19.70	\$ 12,214.00	\$ 15.60	\$ 9,672.00
1305.0120	Base Aggregate Dense 1 1/4-Inch	380	TON	\$ 20.00	\$ 7,600.00	\$ 12.00	\$ 4,560.00	\$ 18.80	\$ 7,144.00	\$ 28.00	\$ 10,640.00
1305.0130	Base Aggregate Dense 3-Inch	660	TON	\$ 20.00	\$ 13,200.00	\$ 12.00	\$ 7,920.00	\$ 17.30	\$ 11,418.00	\$ 10.30	\$ 6,798.00
1455.0605	Tack Coat	30	GAL	\$ 5.00	\$ 150.00	\$ 3.00	\$ 90.00	\$ 3.00	\$ 90.00	\$ 3.45	\$ 103.50
1460.5224	HMA Pavement 4 LT 58-28S	155	TON	\$ 85.00	\$ 13,175.00	\$ 84.00	\$ 13,020.00	\$ 84.00	\$ 13,020.00	\$ 96.00	\$ 14,880.00
1460.6224	HMA Pavement 4 MT 58-28S	135	TON	\$ 95.00	\$ 12,825.00	\$ 82.75	\$ 11,171.25	\$ 82.75	\$ 11,171.25	\$ 95.00	\$ 12,825.00
1601.0110	Concrete Curb & Gutter 30-Inch Type D	182	LF	\$ 50.00	\$ 9,100.00	\$ 35.00	\$ 6,370.00	\$ 43.00	\$ 7,826.00	\$ 40.00	\$ 7,280.00
1602.0410	Concrete Sidewalk 5-Inch	472	SF	\$ 15.00	\$ 7,080.00	\$ 7.00	\$ 3,304.00	\$ 9.35	\$ 4,413.20	\$ 9.80	\$ 4,625.60
1602.0500	Curb Ramp Detectable Warning Field (Natural Patina)	40	SF	\$ 60.00	\$ 2,400.00	\$ 52.00	\$ 2,080.00	\$ 30.00	\$ 1,200.00	\$ 35.00	\$ 1,400.00
1619.1000	Mobilization	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 18,000.00	\$ 18,000.00	\$ 14,250.00	\$ 14,250.00	\$ 3,990.00	\$ 3,990.00
1625.0100	6-Inch Topsoil	2,120	SY	\$ 5.50	\$ 11,660.00	\$ 6.00	\$ 12,720.00	\$ 5.65	\$ 11,978.00	\$ 7.00	\$ 14,840.00
1628.1504	Silt Fence	824	LF	\$ 2.00	\$ 1,648.00	\$ 3.00	\$ 2,472.00	\$ 3.50	\$ 2,884.00	\$ 1.90	\$ 1,565.60
1628.2008	Erosion Mat Urban Class I Type B	2,120	SY	\$ 2.00	\$ 4,240.00	\$ 3.75	\$ 7,950.00	\$ 2.90	\$ 6,148.00	\$ 2.30	\$ 4,876.00
1628.7020	Inlet Protection, Framed	6	EA	\$ 150.00	\$ 900.00	\$ 125.00	\$ 750.00	\$ 160.00	\$ 960.00	\$ 300.00	\$ 1,800.00
1628.8001.S	Erosion Logs	24	LF	\$ 10.00	\$ 240.00	\$ 150.00	\$ 3,600.00	\$ 22.00	\$ 528.00	\$ 9.00	\$ 216.00
1630.0140	Seeding Mixture No. 40	38	LB	\$ 10.00	\$ 380.00	\$ 20.00	\$ 760.00	\$ 41.00	\$ 1,558.00	\$ 5.50	\$ 209.00
1643.5000	Traffic Control	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 1,500.00	\$ 1,500.00	\$ 14,450.00	\$ 14,450.00	\$ 8,617.00	\$ 8,617.00
1650.1000	Construction Staking Project	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,500.00	\$ 5,500.00	\$ 5,141.00	\$ 5,141.00	\$ 4,025.00	\$ 4,025.00
1690.1000	Sawing Pavement	340	LF	\$ 2.50	\$ 850.00	\$ 3.00	\$ 1,020.00	\$ 2.50	\$ 850.00	\$ 3.00	\$ 1,020.00
2204.1218.S	Remove and Reset 18-Inch Reinforced Concrete Pipe and Apron Endwall	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,850.00	\$ 1,850.00	\$ 1,670.00	\$ 1,670.00	\$ 1,160.00	\$ 1,160.00
2520.8000	Concrete Pipe Collar - Ex. Pipe Connections	1	EA	\$ 750.00	\$ 750.00	\$ 2,100.00	\$ 2,100.00	\$ 570.00	\$ 570.00	\$ 369.00	\$ 369.00
2611.8110	Adjusting Manhole Covers	1	EA	\$ 250.00	\$ 250.00	\$ 750.00	\$ 750.00	\$ 255.00	\$ 255.00	\$ 620.00	\$ 620.00
2611.8115	Adjusting Inlet Covers	1	EA	\$ 500.00	\$ 500.00	\$ 750.00	\$ 750.00	\$ 255.00	\$ 255.00	\$ 420.00	\$ 420.00
3209.4000	Select Trench Backfill (Water Main)	525	TF	\$ 32.00	\$ 16,800.00	\$ 12.00	\$ 6,300.00	\$ 14.35	\$ 7,533.75	\$ 22.60	\$ 11,865.00
3801.0110	10-Inch Dia. Ductile Iron Water Main	896	LF	\$ 80.00	\$ 71,680.00	\$ 72.00	\$ 64,512.00	\$ 99.50	\$ 89,152.00	\$ 122.00	\$ 109,312.00
3803.0106	Water Valve and Valve Box (6-inch)	1	EA	\$ 2,800.00	\$ 2,800.00	\$ 1,850.00	\$ 1,850.00	\$ 1,710.00	\$ 1,710.00	\$ 1,465.00	\$ 1,465.00
3803.0110	Water Valve and Valve Box (10-inch)	2	EA	\$ 4,100.00	\$ 8,200.00	\$ 2,650.00	\$ 5,300.00	\$ 3,125.00	\$ 6,250.00	\$ 2,781.00	\$ 5,562.00
3804.0106	Hydrant Lead, 6-Inch	19	LF	\$ 75.00	\$ 1,425.00	\$ 95.00	\$ 1,805.00	\$ 75.35	\$ 1,431.65	\$ 69.00	\$ 1,311.00
3805.0100	Fire Hydrant	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 5,500.00	\$ 5,500.00	\$ 4,665.00	\$ 4,665.00	\$ 4,487.00	\$ 4,487.00
3806.1000	Insulation, Polystyrene	32	SF	\$ 7.00	\$ 224.00	\$ 50.00	\$ 1,600.00	\$ 4.00	\$ 128.00	\$ 2.50	\$ 80.00
3807.0108	Connect to Existing Water Main (8-Inch)	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00	\$ 2,549.00	\$ 2,549.00
3807.0110	Connect to Existing Water Main (10-Inch)	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 2,600.00	\$ 2,600.00	\$ 1,600.00	\$ 1,600.00	\$ 4,690.00	\$ 4,690.00
3807.0112	Connect to Existing Water Main (12-Inch)	1	EA	\$ 3,500.00	\$ 3,500.00	\$ 2,600.00	\$ 2,600.00	\$ 1,650.00	\$ 1,650.00	\$ 2,856.00	\$ 2,856.00
3808.0100	Adjusting Existing Valves	2	EA	\$ 400.00	\$ 800.00	\$ 450.00	\$ 900.00	\$ 325.00	\$ 650.00	\$ 103.00	\$ 206.00
3809.0110.S	Abandon Water Main (6-Inch to 10-Inch)	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,850.00	\$ 3,850.00	\$ 1,919.00	\$ 1,919.00
3809.0210	Abandon Water Valve (10-Inch)	1	EA	\$ 500.00	\$ 500.00	\$ 750.00	\$ 750.00	\$ 260.00	\$ 260.00	\$ 220.00	\$ 220.00
3809.0310	Remove Water Main (10-Inch)	38	LF	\$ 40.00	\$ 1,520.00	\$ 35.00	\$ 1,330.00	\$ 27.00	\$ 1,026.00	\$ 10.00	\$ 380.00
3809.0312	Remove Water Main (12-Inch)	4	LF	\$ 40.00	\$ 160.00	\$ 35.00	\$ 140.00	\$ 29.00	\$ 116.00	\$ 10.00	\$ 40.00
3809.0410	Remove Water Valve (10-Inch)	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 775.00	\$ 775.00	\$ 250.00	\$ 250.00
3809.0500	Remove Hydrant	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,125.00	\$ 1,125.00	\$ 515.00	\$ 515.00	\$ 1,394.00	\$ 1,394.00
<b>Bid Total</b>					<b>\$ 280,675.00</b>		<b>\$ 219,507.25</b>		<b>\$ 254,272.15</b>		<b>\$ 262,116.70</b>
Contingency				10%	\$ 28,067.50	<b>Bid Bond</b>	5%		5%		5%
Total w. Contingency					\$ 308,742.50						

\* - Apparent Low Bidder

Total \$ 308,742.50



BID TABULATION

2020-109, N. Main Street Watermain Replacement  
CITY OF VERONA, WISCONSIN

Bid Date:

24-Feb-21

2020-109, N. Main Street Watermain Replacement  
For  
City of Verona, Wisconsin

Item	Description	Quantity	Units	S & L Underground, Inc.		Badgerland Excavating, Corp		G-Pro Excavating & Landscaping		Parisi Construction Co. Inc.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1204.0150	Removing Curb & Gutter	182	LF	\$ 4.30	\$ 782.60	\$ 3.00	\$ 546.00	\$ 4.00	\$ 728.00	\$ 10.00	\$ 1,820.00
1204.0155	Removing Concrete Sidewalk	20	SY	\$ 23.80	\$ 476.00	\$ 10.00	\$ 200.00	\$ 45.00	\$ 900.00	\$ 20.00	\$ 400.00
1205.0100	Excavation Common	620	CY	\$ 12.44	\$ 7,712.80	\$ 42.00	\$ 26,040.00	\$ 22.00	\$ 13,640.00	\$ 21.75	\$ 13,485.00
1305.0120	Base Aggregate Dense 1 1/4-Inch	380	TON	\$ 21.80	\$ 8,284.00	\$ 18.00	\$ 6,840.00	\$ 15.00	\$ 5,700.00	\$ 16.50	\$ 6,270.00
1305.0130	Base Aggregate Dense 3-Inch	660	TON	\$ 13.50	\$ 8,910.00	\$ 15.00	\$ 9,900.00	\$ 15.00	\$ 9,900.00	\$ 14.50	\$ 9,570.00
1455.0605	Tack Coat	30	GAL	\$ 3.00	\$ 90.00	\$ 3.50	\$ 105.00	\$ 3.00	\$ 90.00	\$ 0.20	\$ 6.00
1460.5224	HMA Pavement 4 LT 58-28S	155	TON	\$ 84.85	\$ 13,151.75	\$ 90.00	\$ 13,950.00	\$ 84.00	\$ 13,020.00	\$ 110.00	\$ 17,050.00
1460.6224	HMA Pavement 4 MT 58-28S	135	TON	\$ 83.60	\$ 11,286.00	\$ 88.00	\$ 11,880.00	\$ 83.00	\$ 11,205.00	\$ 100.00	\$ 13,500.00
1601.0110	Concrete Curb & Gutter 30-Inch Type D	182	LF	\$ 35.35	\$ 6,433.70	\$ 22.00	\$ 4,004.00	\$ 35.00	\$ 6,370.00	\$ 35.00	\$ 6,370.00
1602.0410	Concrete Sidewalk 5-Inch	472	SF	\$ 7.10	\$ 3,351.20	\$ 8.50	\$ 4,012.00	\$ 7.00	\$ 3,304.00	\$ 9.00	\$ 4,248.00
1602.0500	Curb Ramp Detectable Warning Field (Natural Patina)	40	SF	\$ 52.50	\$ 2,100.00	\$ 35.00	\$ 1,400.00	\$ 52.00	\$ 2,080.00	\$ 46.25	\$ 1,850.00
1619.1000	Mobilization	1	LS	\$ 9,850.00	\$ 9,850.00	\$ 45,000.00	\$ 45,000.00	\$ 31,500.00	\$ 31,500.00	\$ 5,000.00	\$ 5,000.00
1625.0100	6-Inch Topsoil	2,120	SY	\$ 7.10	\$ 15,052.00	\$ 5.00	\$ 10,600.00	\$ 12.00	\$ 25,440.00	\$ 3.40	\$ 7,208.00
1628.1504	Silt Fence	824	LF	\$ 2.00	\$ 1,648.00	\$ 1.50	\$ 1,236.00	\$ 3.00	\$ 2,472.00	\$ 2.10	\$ 1,730.40
1628.2008	Erosion Mat Urban Class I Type B	2,120	SY	\$ 1.70	\$ 3,604.00	\$ 1.80	\$ 3,816.00	\$ 3.00	\$ 6,360.00	\$ 2.40	\$ 5,088.00
1628.7020	Inlet Protection, Framed	6	EA	\$ 290.00	\$ 1,740.00	\$ 220.00	\$ 1,320.00	\$ 225.00	\$ 1,350.00	\$ 310.00	\$ 1,860.00
1628.8001.S	Erosion Logs	24	LF	\$ 5.30	\$ 127.20	\$ 8.00	\$ 192.00	\$ 15.00	\$ 360.00	\$ 8.50	\$ 204.00
1630.0140	Seeding Mixture No. 40	38	LB	\$ 5.00	\$ 190.00	\$ 20.00	\$ 760.00	\$ 20.00	\$ 760.00	\$ 21.25	\$ 807.50
1643.5000	Traffic Control	1	LS	\$ 6,900.00	\$ 6,900.00	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 7,300.00	\$ 7,300.00
1650.1000	Construction Staking Project	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 5,500.00	\$ 5,500.00	\$ 4,500.00	\$ 4,500.00	\$ 1,700.00	\$ 1,700.00
1690.1000	Sawing Pavement	340	LF	\$ 2.00	\$ 680.00	\$ 2.00	\$ 680.00	\$ 3.00	\$ 1,020.00	\$ 2.40	\$ 816.00
2204.1218.S	Remove and Reset 18-Inch Reinforced Concrete Pipe and Apron Endwall	1	LS	\$ 1,196.00	\$ 1,196.00	\$ 500.00	\$ 500.00	\$ 2,100.00	\$ 2,100.00	\$ 2,500.00	\$ 2,500.00
2520.8000	Concrete Pipe Collar - Ex. Pipe Connections	1	EA	\$ 568.00	\$ 568.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 540.00	\$ 540.00
2611.8110	Adjusting Manhole Covers	1	EA	\$ 355.00	\$ 355.00	\$ 300.00	\$ 300.00	\$ 500.00	\$ 500.00	\$ 430.00	\$ 430.00
2611.8115	Adjusting Inlet Covers	1	EA	\$ 355.00	\$ 355.00	\$ 300.00	\$ 300.00	\$ 550.00	\$ 550.00	\$ 430.00	\$ 430.00
3209.4000	Select Trench Backfill (Water Main)	525	TF	\$ 0.01	\$ 5.25	\$ 0.01	\$ 5.25	\$ 5.00	\$ 2,625.00	\$ 1.00	\$ 525.00
3801.0110	10-Inch Dia. Ductile Iron Water Main	896	LF	\$ 103.50	\$ 92,736.00	\$ 76.00	\$ 68,096.00	\$ 108.00	\$ 96,768.00	\$ 94.00	\$ 84,224.00
3803.0106	Water Valve and Valve Box (6-inch)	1	EA	\$ 1,807.00	\$ 1,807.00	\$ 2,200.00	\$ 2,200.00	\$ 1,470.00	\$ 1,470.00	\$ 2,900.00	\$ 2,900.00
3803.0110	Water Valve and Valve Box (10-inch)	2	EA	\$ 3,130.00	\$ 6,260.00	\$ 3,200.00	\$ 6,400.00	\$ 2,815.00	\$ 5,630.00	\$ 4,200.00	\$ 8,400.00
3804.0106	Hydrant Lead, 6-Inch	19	LF	\$ 80.00	\$ 1,520.00	\$ 80.00	\$ 1,520.00	\$ 73.00	\$ 1,387.00	\$ 100.00	\$ 1,900.00
3805.0100	Fire Hydrant	1	EA	\$ 4,508.00	\$ 4,508.00	\$ 3,600.00	\$ 3,600.00	\$ 4,080.00	\$ 4,080.00	\$ 4,800.00	\$ 4,800.00
3806.1000	Insulation, Polystyrene	32	SF	\$ 3.00	\$ 96.00	\$ 1.50	\$ 48.00	\$ 15.00	\$ 480.00	\$ 6.80	\$ 217.60
3807.0108	Connect to Existing Water Main (8-Inch)	1	EA	\$ 1,027.00	\$ 1,027.00	\$ 2,200.00	\$ 2,200.00	\$ 2,500.00	\$ 2,500.00	\$ 3,300.00	\$ 3,300.00
3807.0110	Connect to Existing Water Main (10-Inch)	1	EA	\$ 3,870.00	\$ 3,870.00	\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00	\$ 12,700.00	\$ 12,700.00
3807.0112	Connect to Existing Water Main (12-Inch)	1	EA	\$ 4,955.00	\$ 4,955.00	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 7,000.00	\$ 7,000.00
3808.0100	Adjusting Existing Valves	2	EA	\$ 200.00	\$ 400.00	\$ 250.00	\$ 500.00	\$ 400.00	\$ 800.00	\$ 360.00	\$ 720.00
3809.0110.S	Abandon Water Main (6-Inch to 10-Inch)	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 3,500.00	\$ 3,500.00	\$ 650.00	\$ 650.00
3809.0210	Abandon Water Valve (10-Inch)	1	EA	\$ 200.00	\$ 200.00	\$ 300.00	\$ 300.00	\$ 500.00	\$ 500.00	\$ 180.00	\$ 180.00
3809.0310	Remove Water Main (10-Inch)	38	LF	\$ 0.01	\$ 0.38	\$ 15.00	\$ 570.00	\$ 30.00	\$ 1,140.00	\$ 15.50	\$ 589.00
3809.0312	Remove Water Main (12-Inch)	4	LF	\$ 0.01	\$ 0.04	\$ 100.00	\$ 400.00	\$ 100.00	\$ 400.00	\$ 29.50	\$ 118.00
3809.0410	Remove Water Valve (10-Inch)	1	EA	\$ 0.01	\$ 0.01	\$ 800.00	\$ 800.00	\$ 500.00	\$ 500.00	\$ 1,200.00	\$ 1,200.00
3809.0500	Remove Hydrant	1	EA	\$ 475.00	\$ 475.00	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00	\$ 1,700.00	\$ 1,700.00
<b>Bid Total</b>					<b>\$ 227,202.93</b>		<b>\$ 258,520.25</b>		<b>\$ 291,329.00</b>		<b>\$ 241,306.50</b>
Contingency					5%		5%		5%		5%
Total w. Contingency											

\* - Apparent Low Bidder



# City of Verona

Public Works Department  
410 Investment Court  
Verona, WI 53593

Phone: (608) 845-6695 Fax: (608) 845-5761  
Email: [theran.jacobson@ci.verona.wi.us](mailto:theran.jacobson@ci.verona.wi.us)

March 1, 2021

Verona City Council Members  
111 Lincoln Street  
Verona, WI 53593

Subject: **Letter of Recommendation**  
**2018-114, Lincoln Street Stormwater Facility Project**

Dear Council Members:

In accordance with the Official Notice to Bidders, the office of the Public Works Director accepted sealed bids for the above named project until 11:00 a.m. local time on February 24, 2021. Following the close of bidding, the bids received were publicly opened virtually via Zoom and read aloud. Staff has reviewed the bids received. A copy of the Bid Tabulation is attached.

Five bids were received and are listed below in order lowest to highest:

- Drax, Inc. of Madison, WI in the amount of \$1,573,038.00.
- Integrity Grading and Excavating of Schofield, WI in the amount of \$1,608,812.98.
- Fischer Excavating, Inc of Freeport, IL in the amount of \$1,793,263.00
- R.G. Huston Company, Inc. of Cottage Grove, WI in the amount of \$2,076,557.55.
- Parisi Construction Co. Inc. of Verona, WI in the amount of \$2,231,775.50.

The estimate without contingencies was \$1,863,874.50 and with contingencies was \$2,050,261.95. The following bid items provided a significant reduction as compared to the estimate:

- Common Excavation
- Fiber Reinforced Matrix
- Biotic Soil Media
- Seeding
- Traffic Control
- 4-Inch Geoweb
- Colored Concrete Infill
- Excavation Rock
- Pipe Underdrain 6-Inch
- Cleanouts

Drax, Inc. in 2017 successfully completed the Lincoln Street Lower Channel Maintenance & Rehabilitation Phase II project (2017-109). Based on past work performed in the City of Verona and references checked, Public Works Staff is of the opinion that Drax, Inc. has the personnel, equipment and financial assets necessary to complete the 2018-114, Lincoln Street Stormwater Facility Project.

I would therefore recommend that the City of Verona accept the bid of Drax, Inc. for the 2018-114, 2021 Lincoln Street Stormwater Facility Project and recommend awarding a contract to Drax, Inc. in the amount of \$1,573,038.00.

I will be pleased to answer any questions concerning the recommendations set forth.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Theran P. Jacobson', with a long horizontal flourish extending to the right.

Theran P. Jacobson, P.E.  
Public Works Director

Drafted / reviewed by:  
EAS/tpj

S:\PROJECTS\2018-114\_LINCOLN STREET STORMWATER FACILITY\DESIGN - PERMITTING - BIDDING\BIDDING\LETTER OF RECOMMENDATION\2018-114, LINCOLN STREET STORMWATER MANAGEMENT FACILITY LETTER OF RECOMMENDATION\_2021-03-01.DOCX

**BID TABULATION**  
**2018-114 Lincoln Street Stormwater Quality Management Facility**  
**CITY OF VERONA, WISCONSIN**

Bid Date: 24-Feb-21 11:00 Bid Time

**2018-114 Lincoln Street Stormwater Quality Management Facility**  
**For**  
**City of Verona, Wisconsin**

Item	Description	Quantity	Units	Engineers Estimate		Drax, Inc		Integrity Grading & Excavating		Fischer Excavating, Inc.		R.G. Huston Company, Inc.		Parisi Construction Co. Inc	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1201.0300	Clearing and Grubbing	1	AC	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,700.00	\$ 2,700.00
1204.0100	Removing Pavement	47	SY	\$ 11.00	\$ 517.00	\$ 5.00	\$ 235.00	\$ 4.09	\$ 192.23	\$ 2.25	\$ 105.75	\$ 9.85	\$ 462.95	\$ 3.00	\$ 141.00
1204.0150	Removing Curb & Gutter	30	LF	\$ 9.00	\$ 270.00	\$ 10.00	\$ 300.00	\$ 4.10	\$ 123.00	\$ 17.00	\$ 510.00	\$ 36.70	\$ 1,101.00	\$ 10.50	\$ 315.00
1205.0100	Excavation Common	1	LS	\$ 781,650.00	\$ 781,650.00	\$ 468,000.00	\$ 468,000.00	\$ 674,246.27	\$ 674,246.27	\$ 678,000.00	\$ 678,000.00	\$ 899,975.00	\$ 899,975.00	\$ 950,000.00	\$ 950,000.00
1215.0100.S	Import Clay Liner Material	6,066	CY	\$ 15.00	\$ 90,900.00	\$ 37.35	\$ 226,341.00	\$ 15.00	\$ 90,900.00	\$ 16.00	\$ 96,960.00	\$ 21.75	\$ 131,805.00	\$ 13.25	\$ 80,295.00
1215.0200.S	Install Clay Liner Material	6,066	CY	\$ 10.00	\$ 60,600.00	\$ 12.00	\$ 72,720.00	\$ 6.01	\$ 36,420.60	\$ 11.00	\$ 66,660.00	\$ 2.00	\$ 12,120.00	\$ 6.30	\$ 38,178.00
1220.0001.S	Geocomposite Drainage Layer	8,000	SY	\$ 1.50	\$ 12,000.00	\$ 3.00	\$ 24,000.00	\$ 8.52	\$ 68,160.00	\$ 2.50	\$ 20,000.00	\$ 12.45	\$ 99,600.00	\$ 9.70	\$ 77,600.00
1465.0110	Asphaltic Surface Patching	10	TON	\$ 200.00	\$ 2,000.00	\$ 150.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ 395.00	\$ 3,950.00	\$ 400.00	\$ 4,000.00	\$ 160.00	\$ 1,600.00
1470.0001.S	Gravel Path	110	TON	\$ 50.00	\$ 5,500.00	\$ 20.00	\$ 2,200.00	\$ 51.19	\$ 5,630.90	\$ 19.00	\$ 2,090.00	\$ 45.20	\$ 4,972.00	\$ 10.75	\$ 1,182.50
1470.0002.S	Remove & Replace Military Ridge State Trail	1	TON	\$ 50.00	\$ 50.00	\$ 1,000.00	\$ 1,000.00	\$ 51.19	\$ 51.19	\$ 10,800.00	\$ 10,800.00	\$ 77.30	\$ 77.30	\$ 1,700.00	\$ 1,700.00
1601.0110	Concrete Curb and Gutter 30-inch Type D	30	LF	\$ 65.00	\$ 1,950.00	\$ 100.00	\$ 3,000.00	\$ 150.00	\$ 4,500.00	\$ 55.00	\$ 1,650.00	\$ 70.50	\$ 2,115.00	\$ 44.50	\$ 1,335.00
1606.0200	Riprap Medium	95	CY	\$ 75.00	\$ 7,125.00	\$ 100.00	\$ 9,500.00	\$ 88.98	\$ 8,453.10	\$ 85.00	\$ 8,075.00	\$ 79.70	\$ 7,571.50	\$ 87.00	\$ 8,265.00
1619.1000	Mobilization	1	EACH	\$ 122,000.00	\$ 122,000.00	\$ 250,000.00	\$ 250,000.00	\$ 114,673.37	\$ 114,673.37	\$ 38,900.00	\$ 38,900.00	\$ 152,590.00	\$ 152,590.00	\$ 400,000.00	\$ 400,000.00
1625.0100	Topsoil	16,700	SY	\$ 4.50	\$ 75,150.00	\$ 2.00	\$ 33,400.00	\$ 1.20	\$ 20,040.00	\$ 2.00	\$ 33,400.00	\$ 2.20	\$ 36,740.00	\$ 1.30	\$ 21,710.00
1625.0200	Mulching	14,250	SY	\$ 0.50	\$ 7,125.00	\$ 0.30	\$ 4,275.00	\$ 0.24	\$ 3,420.00	\$ 0.24	\$ 3,420.00	\$ 0.25	\$ 3,562.50	\$ 0.25	\$ 3,562.50
1628.1504	Silt Fence	2,210	LF	\$ 2.00	\$ 4,420.00	\$ 3.00	\$ 6,630.00	\$ 1.80	\$ 3,978.00	\$ 1.80	\$ 3,978.00	\$ 1.80	\$ 3,978.00	\$ 2.30	\$ 5,083.00
1628.2008	Erosion Mat Urban Class I Type B	16,910	SY	\$ 2.00	\$ 33,820.00	\$ 2.00	\$ 33,820.00	\$ 1.75	\$ 29,592.50	\$ 1.75	\$ 29,592.50	\$ 1.75	\$ 29,592.50	\$ 1.60	\$ 27,056.00
1628.7020	Inlet Protection Type D	5	EACH	\$ 150.00	\$ 750.00	\$ 70.00	\$ 350.00	\$ 100.00	\$ 500.00	\$ 100.00	\$ 500.00	\$ 100.00	\$ 500.00	\$ 120.00	\$ 600.00
1628.7020	Temporary Ditch Check	25	LF	\$ 10.00	\$ 250.00	\$ 80.00	\$ 2,000.00	\$ 8.00	\$ 200.00	\$ 8.00	\$ 200.00	\$ 8.00	\$ 200.00	\$ 8.00	\$ 200.00
1628.7560	Tracking Pads	2	EACH	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00	\$ 4,495.05	\$ 8,990.10	\$ 12,900.00	\$ 25,800.00	\$ 2,125.00	\$ 4,250.00	\$ 1,600.00	\$ 3,200.00
1628.8000.S	Silt Fence Relief	5	EACH	\$ 200.00	\$ 1,000.00	\$ 50.00	\$ 250.00	\$ 150.00	\$ 750.00	\$ 150.00	\$ 750.00	\$ 150.00	\$ 750.00	\$ 270.00	\$ 1,350.00
1628.8001.S	Erosion Logs	2,750	LF	\$ 10.00	\$ 27,500.00	\$ 8.00	\$ 22,000.00	\$ 7.80	\$ 21,450.00	\$ 7.80	\$ 21,450.00	\$ 7.80	\$ 21,450.00	\$ 8.00	\$ 22,000.00
1628.9000.S	Turf Reinforcement Mat Class III, Type D	4,140	SY	\$ 11.00	\$ 45,540.00	\$ 15.50	\$ 64,170.00	\$ 15.50	\$ 64,170.00	\$ 15.50	\$ 64,170.00	\$ 16.85	\$ 69,759.00	\$ 14.00	\$ 57,960.00
1628.9000.S	Fiber Reinforced Matrix	4,140	SY	\$ 5.00	\$ 20,700.00	\$ 2.25	\$ 9,315.00	\$ 1.20	\$ 4,968.00	\$ 1.20	\$ 4,968.00	\$ 1.20	\$ 4,968.00	\$ 0.75	\$ 3,105.00
1628.9001.S	Biotic Soil Media	4,140	SY	\$ 4.00	\$ 16,560.00	\$ 2.25	\$ 9,315.00	\$ 1.20	\$ 4,968.00	\$ 1.20	\$ 4,968.00	\$ 1.20	\$ 4,968.00	\$ 0.90	\$ 3,726.00
1629.0205	Fertilizer Type A	6	CWT	\$ 75.00	\$ 450.00	\$ 200.00	\$ 1,200.00	\$ 60.00	\$ 360.00	\$ 60.00	\$ 360.00	\$ 60.00	\$ 360.00	\$ 80.00	\$ 480.00
1630.0140	Seeding Mixture No. 40	190	LB	\$ 10.00	\$ 1,900.00	\$ 1.00	\$ 190.00	\$ 15.00	\$ 2,850.00	\$ 15.00	\$ 2,850.00	\$ 15.00	\$ 2,850.00	\$ 10.00	\$ 1,900.00
1630.0190.S	Side Slope Seed Mixture	14,350	SY	\$ 2.25	\$ 32,287.50	\$ 0.60	\$ 8,610.00	\$ 0.60	\$ 8,610.00	\$ 0.60	\$ 8,610.00	\$ 0.60	\$ 8,610.00	\$ 0.80	\$ 11,480.00
1630.0191.S	Shoreline Seed Mixture	4,660	SY	\$ 3.00	\$ 13,980.00	\$ 0.50	\$ 2,330.00	\$ 0.85	\$ 3,961.00	\$ 0.85	\$ 3,961.00	\$ 0.85	\$ 3,961.00	\$ 0.80	\$ 3,728.00
1630.0192.S	Bioretention Area Seed Mixture	5,405	SY	\$ 3.00	\$ 16,215.00	\$ 0.60	\$ 3,243.00	\$ 0.75	\$ 4,053.75	\$ 0.75	\$ 4,053.75	\$ 0.75	\$ 4,053.75	\$ 0.80	\$ 4,324.00
1630.0400.S	Nurse Crop	170	LB	\$ 6.00	\$ 1,020.00	\$ 1.00	\$ 170.00	\$ 5.00	\$ 850.00	\$ 5.00	\$ 850.00	\$ 5.00	\$ 850.00	\$ 3.20	\$ 544.00
1632.0101	Trees (Evergreen, B&B, 2-inch)	5	EACH	\$ 665.00	\$ 3,325.00	\$ 300.00	\$ 1,500.00	\$ 525.00	\$ 2,625.00	\$ 525.00	\$ 2,625.00	\$ 525.00	\$ 2,625.00	\$ 640.00	\$ 3,200.00
1632.0101	Trees (Sugar Maple, B&B, 2-inch)	6	EACH	\$ 665.00	\$ 3,990.00	\$ 300.00	\$ 1,800.00	\$ 675.00	\$ 4,050.00	\$ 675.00	\$ 4,050.00	\$ 675.00	\$ 4,050.00	\$ 800.00	\$ 4,800.00
1632.0101	Trees (Red Oak, B&B, 2-inch)	3	EACH	\$ 665.00	\$ 1,995.00	\$ 400.00	\$ 1,200.00	\$ 800.00	\$ 2,400.00	\$ 800.00	\$ 2,400.00	\$ 800.00	\$ 2,400.00	\$ 800.00	\$ 2,400.00
1632.0101	Trees (Hackberry, B&B, 2-inch)	3	EACH	\$ 665.00	\$ 1,995.00	\$ 400.00	\$ 1,200.00	\$ 600.00	\$ 1,800.00	\$ 600.00	\$ 1,800.00	\$ 600.00	\$ 1,800.00	\$ 800.00	\$ 2,400.00
1632.9101.S	Landscape Planting Surveillance and Care Cycles	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 3,130.00	\$ 3,130.00	\$ 3,130.00	\$ 3,130.00	\$ 3,130.00	\$ 3,130.00	\$ 9,500.00	\$ 9,500.00
1643.5000	Traffic Control	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,440.00	\$ 1,440.00	\$ 2,390.00	\$ 2,390.00	\$ 1,440.00	\$ 1,440.00	\$ 1,500.00	\$ 1,500.00
1645.0112	Geotextile Type DF Schedule B	930	SY	\$ 2.00	\$ 1,860.00	\$ 2.00	\$ 1,860.00	\$ 1.01	\$ 939.30	\$ 2.50	\$ 2,325.00	\$ 2.50	\$ 2,325.00	\$ 1.50	\$ 1,395.00
1645.0120	Geotextile, Type HR	190	SY	\$ 4.00	\$ 760.00	\$ 5.00	\$ 950.00	\$ 1.85	\$ 351.50	\$ 6.00	\$ 1,140.00	\$ 4.15	\$ 788.50	\$ 2.30	\$ 437.00
1650.1000	Construction Staking Project	1	LF	\$ 15,000.00	\$ 15,000.00	\$ 9,000.00	\$ 9,000.00	\$ 4,856.00	\$ 4,856.00	\$ 4,860.00	\$ 4,860.00	\$ 1,500.00	\$ 1,500.00	\$ 1,900.00	\$ 1,900.00
1660.0001.S	4-Inch Geoweb	2,020	SY	\$ 40.00	\$ 80,800.00	\$ 15.00	\$ 30,300.00	\$ 26.40	\$ 53,328.00	\$ 26.40	\$ 53,328.00	\$ 26.40	\$ 53,328.00	\$ 26.50	\$ 53,530.00
1660.0002.S	Colored Concrete Infill	1,325	SY	\$ 50.00	\$ 66,250.00	\$ 26.00	\$ 34,450.00	\$ 62.30	\$ 82,547.50	\$ 62.00	\$ 82,150.00	\$ 62.30	\$ 82,547.50	\$ 100.00	\$ 132,500.00
1680.0001.S	Bioretention Area Engineered Soil	3,600	CY	\$ 22.00	\$ 79,200.00	\$ 13.00	\$ 46,800.00	\$ 12.74	\$ 45,864.00	\$ 11.00	\$ 39,600.00	\$ 32.65	\$ 117,540.00	\$ 12.50	\$ 45,000.00
1680.0002.S	Coarse Aggregate No. 2 Stone	2,100	TON	\$ 10.00	\$ 21,000.00	\$ 20.00	\$ 42,000.00	\$ 24.87	\$ 52,227.00	\$ 32.00	\$ 67,200.00	\$ 30.30	\$ 63,630.00	\$ 20.50	\$ 43,050.00
2204.0220	Removing Inlets	1	EACH	\$ 300.00	\$ 300.00	\$ 500.00	\$ 500.00	\$ 482.23	\$ 482.23	\$ 350.00	\$ 350.00	\$ 450.00	\$ 450.00	\$ 590.00	\$ 590.00
2204.1221	Removing Storm Sewer 21-inch and less	301	LF	\$ 20.00	\$ 6,020.00	\$ 10.00	\$ 3,010.00	\$ 19.10	\$ 5,749.10	\$ 10.00	\$ 3,010.00	\$ 40.60	\$ 12,220.60	\$ 23.50	\$ 7,073.50
2204.1227	Removing Storm Sewer 27-inch	20	LF	\$ 50.00	\$ 1,000.00	\$ 10.00	\$ 200.00	\$ 24.81	\$ 496.20	\$ 10.00	\$ 200.00	\$ 44.95	\$ 899.00	\$ 23.50	\$ 470.00
2205.0200	Excavation Rock (Storm Sewer)	340	CY	\$ 60.00	\$ 20,400.00	\$ 25.00	\$ 8,500.00	\$ 75.00	\$ 25,500.00	\$ 72.00	\$ 24,480.00	\$ 78.40	\$ 26,656.00	\$ 10.00	\$ 3,400.00
2522.1037	Apron Endwalls for Culvert Pipe Reinforced Concrete 27-Inch	1	EACH	\$ 1,750.00	\$ 1,750.00	\$ 1,000.00	\$ 1,000.00	\$ 1,883.60	\$ 1,883.60	\$ 1,800.00	\$ 1,800.00	\$ 2,275.00	\$ 2,275.00	\$ 1,800.00	\$ 1,800.00
2522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	1	EACH	\$ 2,700.00	\$ 2,700.00	\$ 1,000.00	\$ 1,000.00	\$ 2,485.18	\$ 2,485.18	\$ 2,600.00	\$ 2,600.00	\$ 2,935.00	\$ 2,935.00	\$ 2,300.00	\$ 2,300.00
2608.0327	Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	35	LF	\$ 100.00	\$ 3,500.00	\$ 80.00	\$ 2,800.00	\$ 91.91	\$ 3,216.85	\$ 111.00	\$ 3,885.00	\$ 86.40	\$ 3,024.00	\$ 79.00	\$ 2,765.00
2608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	78	LF	\$ 150.00	\$ 11,700.00	\$ 90.00	\$ 7,020.00	\$ 138.31	\$ 10,788.18	\$ 200.00	\$ 15,600.00	\$ 115.00	\$ 8,970.00	\$ 120.00	\$ 9,360.00
2611.2004	Manholes 4-FT Diameter	1	EACH	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,810.16	\$ 4,810.16	\$ 2,800.00	\$ 2,800.00	\$ 3,140.00	\$ 3,140.00	\$ 3,100.00	\$ 3,100.00
2611.2009.S	5-FT Diameter Outlet Structure	1	EACH	\$ 15,000.00	\$ 15,000.00	\$ 7,500.00	\$ 7,500.00	\$ 4,349.97	\$ 4,349.97	\$ 4,300.00	\$ 4,300.00	\$ 5,470.00	\$ 5,470.00	\$ 3,700.00	\$ 3,700.00
2612.0106	Pipe Underdrain 6-Inch	1,960	LF	\$ 15.00	\$ 29,400.00	\$ 10.00	\$ 19,600.00	\$ 9.44	\$ 18,502.40	\$ 36.00	\$ 70,560.00</				