

Thursday, May 2, 2024**6:00 PM****McFarland Municipal Center**
5915 Milwaukee St, McFarland
Community Room

AGENDA

The public may attend in-person or remotely through the Zoom webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/87543994777>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 875 4399 4777

Press *9 to raise/lower hand. Press *6 to mute/unmute.

1. CALL TO ORDER, ROLL CALL.
2. PUBLIC APPEARANCES.
 - a. This is an opportunity for members of the public to address the Public Works and Utilities Committee for items that are not on the agenda. Please remember this is a hybrid meeting conducted in person and through the Zoom online meeting platform. Meeting attendees wishing to address the Committee about items not on the agenda may do so at this time. Zoom attendees should type their name and address in the Question and Answer feature within the Zoom online meeting platform at this time. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. When you are called upon to speak, state your name, address, and provide your comments to the Committee for their consideration. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to public.works@mcfarland.wi.us to be included as part of the meeting.

Members of the public may also speak during their selected agenda item as they designate on the public comment form or in the Question and Answer feature on Zoom.
3. APPROVAL OF MINUTES.
 - a. Motion to approve the minutes of the March 25, 2024, Public Works & Utilities Committee meeting.
4. BUSINESS.
 - a. Discussion and action to make a recommendation to the Village Board regarding the award of contract for the 2024 Street & Utility Improvements project.
5. SCHEDULE NEXT MEETING DATE.
 - a. Wednesday, May 29, 2024, at 6:00 p.m.
6. ADJOURNMENT.

Any person who has a qualifying disability as defined by the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format should contact the McFarland Municipal Center at (608)838-3153, 5915 Milwaukee Street, McFarland, Wisconsin, or village.clerk@mcfarland.wi.us by 2:00 p.m. at least 5 business days prior to the meeting so that any necessary arrangements can be made to accommodate each request. If the meeting or request is less than 5 business days from the meeting, requests for accommodations may still be made and reasonable efforts will be made to accommodate each request.

VILLAGE OF MCFARLAND
Public Works & Utilities Committee Minutes

Monday, March 25, 2024 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Trustee Wreh called the regular meeting of the Public Works & Utilities Committee to order at 6:00 PM in the Community Room of the Municipal Center. This meeting was also held via Zoom webinar.

Members present: Edward Wreh, Hilary Brandt, Pauline Boness, Marc Nielsen, Chris Fredrick, Eric Kindschi

Members not present: Matthew Coan

Staff Present: Public Works Director Lee Igl, Assistant to the Public Works Director Aimee Irwin, Town & Country staff Tim Stieve

2. PUBLIC APPEARANCES.

- a. *This is an opportunity for members of the public to address the Public Works and Utilities Committee for items that are not on the agenda. Please remember this is a hybrid meeting conducted in person and through the Zoom online meeting platform. Meeting attendees wishing to address the Committee about items not on the agenda may do so at this time. Zoom attendees should type their name and address in the Question and Answer feature within the Zoom online meeting platform at this time. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. When you are called upon to speak, state your name, address, and provide your comments to the Committee for their consideration. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to public.works@mcfarland.wi.us to be included as part of the meeting.*

Members of the public may also speak during their selected agenda item as they designate on the public comment form or in the Question and Answer feature on Zoom.

None.

3. APPROVAL OF MINUTES.

- a. *Motion to approve the minutes of the February 26, 2024, Public Works & Utilities Committee meeting.*

Motion by Trustee Wreh, seconded by Boness, to approve the minutes of the February 26, 2024, Public Works & Utilities Committee meeting. Motion carries 5 - 0 - 1, with Fredrick abstaining.

4. BUSINESS.

- a. *Discussion regarding Well 5 design*

Stieve provided an overview of Well 5. Stieve explained that a study was last completed in 2012 regarding the well and the timeline was presented for design through construction.

- Trustee Wreh and Nielsen asked about the PSC rate case item included in the timeline for the well. Stieve stated he was unsure about this item and Igl explained details would be provided to the committee once known.
- Trustee Wreh asked how long the test period was for the test well. Stieve explained it would be a few days.
- Fredrick asked if it would be okay to delay the test well timing. Stieve stated there is cushion and redundancy in the system which would allow for the delay in the test well timing.
- Trustee Wreh asked how likely it would be that the site would not qualify. Stieve explained that it would be highly unlikely.

Stieve reviewed the site plan and explained the plan continues to be discussed with staff.

- Trustee Brandt asked about vacating the right-of-way. Stieve explained it would not result in a sale. Igl explained that after the right-of-way is vacated there would be a CSM to divide the three lots into two.
- Nielsen asked about a pathway through the village lot to connect to the school district lot to the north. Igl stated this could be looked at during design.

b. Discussion and action to make a recommendation to the Village Board regarding updates to ordinance 47-109 Sand and Grease Trap Installations.

Igl reviewed the enclosed ordinance update in order to be able to follow through and obtain compliance with applicable locations.

- Nielsen asked if other municipalities' ordinances were reviewed as part of this update. Igl stated that part of the ordinance is from another municipality with revisions provided by the village attorney.
- Boness asked if these locations were mostly businesses. Igl stated that the locations are commercial and/or businesses. Igl explained that courtesy notices were mailed to applicable property explaining the ordinance language that existed and how to be in compliance.
- Trustee Wreh asked how locations are being educated about this ordinance and what is required for compliance. Igl stated that letters were sent to half of the properties in the village by Town & Country Engineering, and they answered questions.
- Boness asked when letters were mailed. Igl stated that letters were mailed in May 2023.
- Fredrick recommended providing clear definitions of what it means to comply. Fredrick asked what if a location did not care to comply and was willing to pay the \$200 fee per day. Igl explained that the attorney felt the fee was adequate. Fredrick asked if the fee was reviewed. Igl stated that the fee would be reviewed annually as part of the budgeting process.
- Fredrick asked if the damage to a third party could be charged to the responsible property. Igl explained that situations were found quickly, but he would follow up with the attorney regarding this.

- Trustee Wreh asked if there would be variance or exceptions permitted. Igl explained that the process would include an initial conversation. If the property demonstrates that repairs are being done or work is occurring, it would be accepted as being worked towards compliance.

Motion by Trustee Wreh, seconded by Trustee Brandt, to recommend approval to the Village Board regarding updates to ordinance 47-109 Sand and Grease Trap Installations as presented. Motion rescinded by Trustee Wreh, seconded by Trustee Brandt.

Motion by Trustee Wreh, seconded by Trustee Brandt, to recommend approval to the Village Board regarding updates to ordinance 47-109 Sand and Grease Trap Installations as presented with discussions regarding third party damages prior to Village Board approval. Motion carries 6 - 0 - 0.

5. SCHEDULE NEXT MEETING DATE.

a. Monday, April 22, 2024, at 6:00 p.m.

6. ADJOURNMENT.

Motion by Trustee Wreh, seconded by Fredrick, to adjourn at 6:40 p.m.

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin board in accordance with Open Meetings Law.

Respectfully submitted,
Aimee Irwin
Assistant to the Public Works Director

McFarland
SUMMARY SHEET

MEETING DATE: Thursday, May 2, 2024

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Lee Igl, Public Works Director

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding the award of contract for the 2024 Street & Utility Improvements project.

PREVIOUS ACTION:

The Public Works & Utilities Committee recommended approval to the Village Board for the project and authorized the project for bid at their February 26, 2024, meeting.

The Village Board approved the project and authorized the project for bid on February 27, 2024.

ISSUE SUMMARY:

This project involves pavement, street, and utility improvements along Ivywood Trail, Village Public Works Site, Wisconsin Avenue, and the Lewis Park pathway. The scope of work at these locations is described as follows:

- Work at the Village Public Works site includes replacement of existing asphalt surface lot pavement, installation of new pavement areas, spot repair base course improvements, concrete sidewalk installation, bollard installation, hydrant relocation and pavement marking.
- Work at the Wisconsin Avenue location is located at the western termini of the street. This project consists of the adjustment of existing storm sewer inlet castings, curb and gutter removal and replacement, fine grading, rip-rap installation, and turf armament installation. Work at this project site should not affect driveway access to any residents. Storm water at this location currently overtops the curb and causes washout of existing turf and embankment surfaces. The goal of the work at this project location is to maximize the amount of water able to be accepted into the existing storm sewer inlets and to provide a distinct area for storm sewer overflow when water does overtops the curb.
- Work at Ivywood Trail includes pulverizing of existing asphalt, pavement base repairs, spot curb and gutter replacement, and repaving. The project limits are from the intersection of Ivywood Trail and Terminal Drive to the northern termini of Ivywood Trail. The Village will be utilizing LRIP grant funds to help fund a portion of this project. The purpose of the work at this location is to repair failing pavement.
- Work on the Lewis Park Path consists of the removal of existing asphalt and base course materials, installation of a new pavement base course, grading, installation of new pavement surface, and landscape restoration. This item was added following the review



of the 2024 project set by the committee in February 2024, as part of parks trail maintenance.

Enclosed are project exhibits and Town & Country's recommendation letter regarding the bids received. Twelve general contractors, subcontractors, and material suppliers requested sets of plans, specifications and bidding documents. Three contractors submitted bids. Of the bids received, Speedway Sand & Gravel, Inc. of Middleton, Wisconsin was the low bidder for the base bid or the base bid and supplemental bid. Town & Country, along with staff, recommend the award of contract to Speedway Sand & Gravel, Inc. for the base bid plus supplemental bids for S1, S2, and S3.

FINANCIAL/BUDGET IMPACT:

The 2024 budget was approved with the following allocations:

Revenues - The following revenues have been allocated to fund the project:

\$331,250	Street Maintenance - Capital Funds Account 400-57310-820-102
\$ 20,500	Local Roads Improvement Grant (LRIG)
\$345,000	Stormwater utility - Capital Funds Account 400-57310-823-000
\$100,000	<u>Pedestrian Trails</u> - Capital Funds Account 400-57620-825-102
\$796,750	Total Project Revenue

Expenses - Included within your packet is the recommendation letter for the project based on the bid received:

\$265,051	2024 Street and Utility Improvements Low Bid (base bid plus S1, S2, and S3 supplemental bids)
\$ 20,006	Wisconsin Avenue Stormwater Improvements
\$ 34,336	Lewis Park Pathway
\$ 11,000	Design Engineers & Consulting
\$ 20,000	Construction Administration
\$ 35,000	Contingency (10%)
\$ (393)	<u>Rounding</u>
\$385,000	Total Project Expense

VILLAGE PLAN REFERENCE:

[Long Range Capital Improvement Plan](#)

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommended action:

Motion, second to make a recommendation to the Village Board to award contract to Speedway Sand & Gravel, Inc. of Middleton for an amount of \$319,394.00 including the base bid and supplemental bid items S1, S2 and S3, with additional expenses for engineering, construction



administration, and contingency for a total project cost in amount of \$385,000.

ATTACHMENTS:

1. Recommendation Ltr
2. MC 221 Public Works Parking Lot
3. Public Works Parking Lot Estimate
4. Wisconsin Ave Storm Sewer
5. Wisconsin Avenue Storm Sewer Estimate
6. Ivywood Trail Resurfacing
7. Ivywood Trail Estimate

April 24, 2024

Village of McFarland
5915 Milwaukee Street, P.O. Box 110
McFarland, WI 53558

Attention: Ms. Cassandra Suettinger, Interim Village Administrator

Subject: Analysis of Bids and Recommendation for Award of Contracts; 2024
Street and Utility Improvements; Village of McFarland

Bid Deadline: April 18, 2024 at 9:00 a.m. local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for the 2024 Street and Utility Improvements project and to recommend award of a contract. This project involves paving and site improvements at the Village Public Works lot, resurfacing and spot curb and gutter replacements on Ivywood Trail, storm sewer and drainage improvements on Wisconsin Avenue, and multi-use trail surface replacement at Lewis Park, including supplemental items for property corner replacement, excavation and disposal of bad subbase below subgrade, Breaker Run replacement and pavement patching.

The pre-bid estimate for the base bid was \$290,775.50. Twelve general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Three contractors submitted bids.

A summary of the bids is as follows:

Contractor	Base Bid	Supplemental Bid Total
Speedway Sand & Gravel, Inc.	\$258,586.60	\$80,007.00
R & T Voegeli Excavating, LLC	\$278,839.35	\$65,938.80
Wolf Paving	\$295,182.65	\$88,482.00

All of the bids were properly submitted.

The low bidder, using the base bid only, or the base bid and supplemental bid is Speedway Sand & Gravel, Inc. of Middleton, Wisconsin, an experienced utility and street contractor that completed similar work for the Village of McFarland on Paulson Road in 2023. The bid prices are lower than the original budget due to competitive market pricing and lower than projected asphalt pricing. We recommend that Speedway Sand & Gravel, Inc. be awarded a contract for the base bid, plus supplemental bid items S1, S2, and S3, if the budgets allow, for a total of \$319,393.60. The acceptance of supplemental bid item S4 is not recommended due to pricing.

This will be a unit price contract. That is, the contractor will be paid for the work actually performed on the basis on the unit prices bid. This means that the final line item costs

could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Respectfully,
TOWN & COUNTRY ENGINEERING, INC.

Tim Stieve, P.E.
Project Engineer

TS:sai
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BID TABULATION

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Project: 2024 Street and Utility Improvements; Village of McFarland
 Engineer's Project Number: MC 221 Bid Deadline: April 18, 2024 at 9:00 a.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID		PRE-BID ESTIMATE		Speedway Sand & Gravel, Inc.		R & T Voegeli Excavating, LLC		Wolf Paving	
		QUANT.	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID											
Public Works Facility Lot Improvements											
1.1	6" Ductile Iron CL52 Water Main or Hydrant Lead	10	lin. ft.	\$ 100.00	\$ 1,000.00	\$ 94.03	\$ 940.30	\$ 145.00	\$ 1,450.00	\$ 152.00	\$ 1,520.00
1.2	6" Gate Valve & Box	1	each	\$ 3,000.00	\$ 3,000.00	\$ 3,013.57	\$ 3,013.57	\$ 2,875.00	\$ 2,875.00	\$ 3,150.00	\$ 3,150.00
1.3	Hydrants	1	each	\$ 7,500.00	\$ 7,500.00	\$ 7,077.18	\$ 7,077.18	\$ 7,450.00	\$ 7,450.00	\$ 7,950.00	\$ 7,950.00
1.4	Excavation/Fill to Plan Subgrade	1	lump sum	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 9,300.00	\$ 9,300.00	\$ 8,900.00	\$ 8,900.00
1.5	1.5" Hot-Mix Asphalt Surface Course, Type 5 LT	290	ton	\$ 88.00	\$ 25,520.00	\$ 82.00	\$ 23,780.00	\$ 99.50	\$ 28,855.00	\$ 88.00	\$ 25,520.00
1.6	1.75" Hot-Mix Asphalt Lower Course, Type 4 LT	339	ton	\$ 86.00	\$ 29,154.00	\$ 80.00	\$ 27,120.00	\$ 89.00	\$ 30,171.00	\$ 85.00	\$ 28,815.00
1.7	Thickend Edge Sidewalk	365	sq. ft.	\$ 12.00	\$ 4,380.00	\$ 24.67	\$ 9,005.65	\$ 18.00	\$ 6,570.00	\$ 14.00	\$ 5,110.00
1.8	Concrete Bollards	7	each	\$ 750.00	\$ 5,250.00	\$ 1,110.00	\$ 7,770.00	\$ 900.00	\$ 6,300.00	\$ 950.00	\$ 6,650.00
1.9	Clean & Tack	3,055	sq. yds.	\$ 0.50	\$ 1,527.50	\$ 0.10	\$ 305.50	\$ 0.20	\$ 611.00	\$ 0.20	\$ 611.00
1.10	Permanent Pavement Markings	1	lump sum	\$ 2,500.00	\$ 2,500.00	\$ 1,750.00	\$ 1,750.00	\$ 1,950.00	\$ 1,950.00	\$ 1,750.00	\$ 1,750.00
1.11	Sawcutting Existing Concrete and Asphalt Pavements	200	lin. ft.	\$ 2.50	\$ 500.00	\$ 5.00	\$ 1,000.00	\$ 3.00	\$ 600.00	\$ 1.95	\$ 390.00
1.12	Topsoil Restoration, Hydro-Seeding, & Fertilizing	333	sq. yds.	\$ 10.00	\$ 3,330.00	\$ 10.95	\$ 3,646.35	\$ 8.00	\$ 2,664.00	\$ 8.90	\$ 2,963.70
1.13	Erosion Control	1	lump sum	\$ 2,000.00	\$ 2,000.00	\$ 950.00	\$ 950.00	\$ 2,300.00	\$ 2,300.00	\$ 500.00	\$ 500.00
1.14	Pulverizing and Grading Existing Asphalt	2,868	sq. yds.	\$ 2.50	\$ 7,170.00	\$ 0.95	\$ 2,724.60	\$ 2.55	\$ 7,313.40	\$ 6.00	\$ 17,208.00
1.15	0.75" Crushed Aggregate Base Course	63	tons	\$ 20.00	\$ 1,260.00	\$ 20.00	\$ 1,260.00	\$ 22.00	\$ 1,386.00	\$ 29.00	\$ 1,827.00
1.16	3" Breaker Run Base Course	125	tons	\$ 20.00	\$ 2,500.00	\$ 21.00	\$ 2,625.00	\$ 20.25	\$ 2,531.25	\$ 27.00	\$ 3,375.00
Wisconsin Avenue Storm Sewer Improvements											
2.1	Curb Inlet Casting Adjustments	3	each	\$ 2,500.00	\$ 7,500.00	\$ 645.00	\$ 1,935.00	\$ 100.00	\$ 300.00	\$ 120.00	\$ 360.00
2.2	Remove and Replace 30" Curb and Gutter	50	lin. ft.	\$ 40.00	\$ 2,000.00	\$ 42.99	\$ 2,149.50	\$ 72.00	\$ 3,600.00	\$ 68.00	\$ 3,400.00
2.3	Grade Existing Turf Area	1	lump sum	\$ 5,000.00	\$ 5,000.00	\$ 4,400.00	\$ 4,400.00	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00
2.4	Install Tied Concrete Block Matting	150	sq. ft.	\$ 45.00	\$ 6,750.00	\$ 17.00	\$ 2,550.00	\$ 25.75	\$ 3,862.50	\$ 27.60	\$ 4,140.00
2.5	Rip-Rap	5	cu. yds.	\$ 40.00	\$ 200.00	\$ 100.00	\$ 500.00	\$ 140.00	\$ 700.00	\$ 180.00	\$ 900.00
2.6	3" Hot-Mix Asphalt Surface Course, Type 5LT	37	sq. yds.	\$ 25.00	\$ 925.00	\$ 33.00	\$ 1,221.00	\$ 30.00	\$ 1,110.00	\$ 52.60	\$ 1,946.20
2.7	Erosion Control	1	lump sum	\$ 2,000.00	\$ 2,000.00	\$ 2,250.00	\$ 2,250.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
2.8	Stairway Replacement Allowance	1	lump sum	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00

BID TABULATION

PAGE 2 OF 3

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 Engineer's Project Number: MC 221 Bid Deadline: April 18, 2024 at 9:00 a.m. local time

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Ivywood Trail Resurfacing											
3.1	Remove and Replace 30" Curb and Gutter, <50 ft sections	150	lin. ft.	\$ 45.00	\$ 6,750.00	\$ 42.99	\$ 6,448.50	\$ 72.00	\$ 10,800.00	\$ 68.00	\$ 10,200.00
3.2	Remove and Replace 30" Curb and Gutter, >50 ft sections	100	lin. ft.	\$ 35.00	\$ 3,500.00	\$ 42.99	\$ 4,299.00	\$ 72.00	\$ 7,200.00	\$ 68.00	\$ 6,800.00
3.3	1.5" Hot-Mix Asphalt Surface Course, Type 5 LT	425	ton	\$ 88.00	\$ 37,400.00	\$ 81.00	\$ 34,425.00	\$ 86.00	\$ 36,550.00	\$ 81.00	\$ 34,425.00
3.4	1.75" Hot-Mix Asphalt Lower Course, Type 4 LT	496	ton	\$ 86.00	\$ 42,656.00	\$ 79.00	\$ 39,184.00	\$ 85.00	\$ 42,160.00	\$ 78.00	\$ 38,688.00
3.5	Clean & Tack	4,474	sq. yds.	\$ 0.50	\$ 2,237.00	\$ 0.10	\$ 447.40	\$ 0.20	\$ 894.80	\$ 0.20	\$ 894.80
3.6	Permanent Signage	1	lump sum	\$ 2,500.00	\$ 2,500.00	\$ 1,625.00	\$ 1,625.00	\$ 1,250.00	\$ 1,250.00	\$ 1,400.00	\$ 1,400.00
3.7	Sawcutting Existing Concrete and Asphalt Pavements	33	lin. ft.	\$ 2.00	\$ 66.00	\$ 10.00	\$ 330.00	\$ 8.00	\$ 264.00	\$ 1.95	\$ 64.35
3.8	Topsoil Restoration, Hydro-Seeding, & Fertilizing	200	sq. yds.	\$ 10.00	\$ 2,000.00	\$ 10.95	\$ 2,190.00	\$ 8.50	\$ 1,700.00	\$ 8.90	\$ 1,780.00
3.9	Erosion Control	1	lump sum	\$ 2,000.00	\$ 2,000.00	\$ 1,625.00	\$ 1,625.00	\$ 900.00	\$ 900.00	\$ 1,050.00	\$ 1,050.00
3.10	Traffic Control	1	lump sum	\$ 2,000.00	\$ 2,000.00	\$ 1,900.00	\$ 1,900.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
3.11	Pulverizing and Grading Existing Asphalt	4,474	sq. yds.	\$ 2.50	\$ 11,185.00	\$ 0.85	\$ 3,802.90	\$ 1.90	\$ 8,500.60	\$ 4.90	\$ 21,922.60
Lewis Park Path Replacement											
4.1	Excavation/Fill to Plan Subgrade	1	lin. ft.	\$ 15,000.00	\$ 15,000.00	\$ 4,400.00	\$ 4,400.00	\$ 7,700.00	\$ 7,700.00	\$ 8,960.00	\$ 8,960.00
4.2	3" Hot-Mix Asphalt Surface Course, Type 5LT	110	ton	\$ 92.00	\$ 10,120.00	\$ 90.00	\$ 9,900.00	\$ 105.00	\$ 11,550.00	\$ 96.00	\$ 10,560.00
4.3	0.75" Crushed Aggregate Base Course	386	ton	\$ 20.00	\$ 7,720.00	\$ 20.00	\$ 7,720.00	\$ 20.30	\$ 7,835.80	\$ 30.00	\$ 11,580.00
4.4	6" Thick Concrete Driveway Aprons	115	sq. ft.	\$ 8.00	\$ 920.00	\$ 16.28	\$ 1,872.20	\$ 16.00	\$ 1,840.00	\$ 12.00	\$ 1,380.00
4.5	Truncated Dome Panels	20	sq. ft.	\$ 20.00	\$ 400.00	\$ 51.00	\$ 1,020.00	\$ 55.00	\$ 1,100.00	\$ 50.00	\$ 1,000.00
4.6	Sawcutting Existing Concrete and Asphalt Pavements	20	lin. ft.	\$ 2.50	\$ 50.00	\$ 10.00	\$ 200.00	\$ 8.00	\$ 160.00	\$ 1.95	\$ 39.00
4.7	Topsoil Restoration, Hydro-Seeding, & Fertilizing	578	sq. yds.	\$ 10.00	\$ 5,780.00	\$ 10.95	\$ 6,329.10	\$ 7.50	\$ 4,335.00	\$ 8.50	\$ 4,913.00
4.8	Erosion Control	1	lump sum	\$ 2,000.00	\$ 2,000.00	\$ 2,250.00	\$ 2,250.00	\$ 2,375.00	\$ 2,375.00	\$ 2,820.00	\$ 2,820.00
4.9	Remove and Replace 30" Curb & Gutter	15	lin. ft.	\$ 35.00	\$ 525.00	\$ 42.99	\$ 644.85	\$ 75.00	\$ 1,125.00	\$ 68.00	\$ 1,020.00
	BASE BID TOTAL				\$ 290,775.50		\$ 258,586.60		\$ 278,839.35		\$ 295,182.65

BID TABULATION

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 Engineer's Project Number: MC 221 Bid Deadline: April 18, 2024 at 9:00 a.m. local time

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		QUANT.	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SUPPLEMENTAL BID ITEMS											
S1	Property Corner Replacement	1	each	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00
S2	Excavation and Disposal of Bad Subbase Below Subgrade	940	cu. yds.	\$ 20.00	\$ 18,800.00	\$ 22.00	\$ 20,680.00	\$ 22.00	\$ 20,680.00	\$ 28.00	\$ 26,320.00
S3	3" Breaker Run Replacement of Excavation of Bad Subbase Below Subgrade	1,887	tons	\$ 20.00	\$ 37,740.00	\$ 21.00	\$ 39,627.00	\$ 17.40	\$ 32,833.80	\$ 26.00	\$ 49,062.00
S4	3" Pavement Patching	300	sq. yd.	\$ 27.00	\$ 8,100.00	\$ 64.00	\$ 19,200.00	\$ 39.75	\$ 11,925.00	\$ 41.00	\$ 12,300.00
	SUPPLEMENTAL BID TOTAL				\$ 65,140.00		\$ 80,007.00		\$ 65,938.80		\$ 88,482.00



PROJECT NO.:
MC 221

DRAWING FILE:
MC 221 BASE.DWG

DRAWN BY:
T.J.S.

CHECKED BY:
B.R.B.

DATE:
2-20-24

REVISIONS:

SCALE:
0 5 10 20

SHEET:
1

2024 STREET AND UTILITY IMPROVEMENTS
Ivywood Trail, Public Works Site, Wisconsin Ave
Village of McFarland, Wisconsin

6264 Nesbitt Road
Madison, WI 53719
(608) 273-3350
www.tcengineers.net

tc

TOWN & COUNTRY
ENGINEERING, INC.

PUBLIC WORKS SITE IMPROVEMENTS

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STREET IMPROVEMENTS COST ESTIMATE

CLIENT NAME:
PROJECT NAME:

Village of McFarland
Public Works
Resurface Asphalt Parking Lot
February 21, 2024

DATE OF ESTIMATE:

PHYSICAL ASSUMPTIONS:

Existing Parking Lot Area, Sq. Yds.	3095.114
Average Base Repl. Req'd Depth, Inches:	3
2.5" Asphalt Driveway or Parking Area, Sq. Yds:	3095.114
Perimeter requiring Topsoiling, Feet:	300
Width of Topsoiling, Each Side, Feet:	2
Sawcutting Length, Feet:	200
Asphalt Safety Factor:	1.1

COST ASSUMPTIONS:

Bad Subbase Excavation Cost, Per Cu. Yd.:	\$22.00
Bad Subbase Replac. Br. Run Cost, Per Ton:	\$20.00
3/4" Crushed Aggregate Cost, Per Ton:	\$20.00
Parking Lot Pavement Cost, Per Sq. Yd.	\$20.00
Topsoil Restoration Cost, Per Sq. Yd.:	\$3.00
Seeding, Fertilizing & Mulching Cost, Per Sq. Yd.:	\$3.00
Sawcutting Cost, Per Lineal Foot:	\$4.00
Erosion Control Allowance, Lump Sum:	\$1,500.00
Traffic Control Allowance, Lump Sum:	\$1,500.00

Assumptions

1. Ex. gravel base can be regraded and reused

COST ESTIMATE:

Description:	Units	Unit Price	Estimated Cost
Mobilization, Bonds & Insurances	1 l.s.	\$5,808 l.s.	\$5,808
Removal & Disposal of Existing Asphalt	3095.114 s.y.	\$5.00 /s.y.	\$15,476
Grading of Existing Base Course	3095.114 c.y.	\$4.00 /c.y.	\$12,380
Excavation of Bad Materials Below Ex. Base	258 c.y.	\$22.00 /c.y.	\$5,676
3" Breaker Run Replacement of Bad Subbase	258.5 tons	\$20.00 /ton	\$5,170
3/4" Crushed Aggregate Base Course	258.5 tons	\$20.00 /ton	\$5,170
Sawcutting	200 l.f.	\$4.00 /l.f.	\$800
Asphalt Parking Lot	3404.6254 s.y.	\$20.00 /s.y.	\$68,093
Topsoil Restoration	67 s.y.	\$3.00 /s.y.	\$201
Seeding, Fertilizing & Mulching	67 s.y.	\$3.00 /s.y.	\$201
Erosion Control	1 l.s.	\$1,500.00 l.s.	\$1,500
Signing and Traffic Control	1 l.s.	\$1,500.00 l.s.	\$1,500
Bulk Filling Station and Plumbing Work	1 l.s.	\$30,000.00 l.s.	\$30,000
30" Curb and Gutter	85 l.f.	\$25.00 /l.f.	\$2,125
Hydrant and Valve Relocation	1 l.s.	\$10,000.00 l.s.	\$10,000

CONSTRUCTION SUBTOTAL

Engineering	@	13 %	\$21,333
Contingency	@	10 %	\$16,410

TOTAL

\$201,843

**2024 Street and Utility Improvements
Village of McFarland
Wisconsin Avenue Storm Sewer**

Existing Storm Outfall

Wisconsin Ave

Card Ave

Existing Inlet (Typ.)

N

0 4.25 8.5 17

Feet

tc TOWN & COUNTRY
ENGINEERING, INC.

6264 Nesbitt Road
Madison, WI 53719
(608) 273-3350
www.tcengineers.net

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Date: 2/21/2024
Path: J:\JOBS\McFarland\MC-221-M 2024 Street and Utility Improvements\7. Drawings\GIS\2024 Street and Utility Improvements.aprx



Reconstruct
Pedestrian Lake Access
Stairway

Create new low
point and swale in
landscape

PEDESTRIAN
ACCESS ONLY

Raise Casting Rim

Raise Casting Rim

Raise Casting Rim

Create new low point in
top of curb for overflow

Turf Reinforcement
in overflow swale



Ongoing erosion issue

Current Overflow Path



ACCESS ONLY

Existing Pedestrian
Access Steps

Ongoing erosion issue

Current Low Point and
Overflow Path

Storm Sewer Estimate

CLIENT NAME:
PROJECT NAME:

DATE OF ESTIMATE:

Village of McFarland
2024 Street and Utility Improvements
Wisconsin Avenue Storm Sewer
February 21, 2024

COST ESTIMATE:

Description:	Units	Unit Price	Estimated Cost
12" Dia. Class V RCP Storm Sewer	lin. ft.	\$70.00 /lin. ft.	\$0
15" Dia. Class IV RCP Storm Sewer	lin. ft.	\$75.00 /lin. ft.	\$0
18" Dia. Class III RCP Storm Sewer	lin. ft.	\$72.00 /lin. ft.	\$0
24" Dia. Class III RCP Storm Sewer	lin. ft.	\$85.00 /lin. ft.	\$0
Street Inlets, Including Castings	each	\$2,000.00 each	\$0
Street Inlet Castings	3 each	\$1,500.00 each	\$4,500
Storm Sewer Manhole, Including Castings	each	\$2,400.00 each	\$0
Area Inlets, Including Castings	each	\$1,800.00 each	\$0
12" RCP Apron Endwalls	each	\$1,500.00 each	\$0
15" RCP Apron Endwalls, With Grates	each	\$1,800.00 each	\$0
18" RCP Apron Endwalls, With Grates	each	\$2,400.00 each	\$0
24" RCP Apron Endwalls, With Grates	each	\$3,000.00 each	\$0
Topsoil Restoration, Seeding, Fertilizing & Mulching Allowance	66.66667 sq. yd.	\$5.50 /sq. yd.	\$367
Other Erosion Control	1 lump sum	\$1,500.00 lump sum	\$1,500
Lanscaping and Access Allowance	1 lump sum	\$15,000.00 lump sum	\$15,000
Remove and Replace 30" Curb and Gutter	50 lin. ft.	\$45.00 /lin. ft.	\$2,250
Turf and Slope Reinforcement	1 lump sum	\$7,000.00 lump sum	\$7,000

CONSTRUCTION SUBTOTAL

Basic Design Eng. & Const. Admin.	@ 13 %	\$30,617
Resident Inspection	@ 4 %	\$3,980
Contingency	@ 15 %	\$1,225
		\$4,593

TOTAL

\$40,414

2024 Street and Utility Improvements
Village of McFarland
Ivywood Trail Resurfacing

4,473.57 sq yd

0153060

Feet

N

tc

TOWN & COUNTRY
ENGINEERING, INC.

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Date: 2/21/2024
Path: J:\JOBS\McFarland\Mc-00-00\Mapping\ArcGIS Pro Working Map\McFarland Working Map.aprx

CLIENT NAME:	Village of McFarland
PROJECT NAME:	Long Range CIP
	Various Streets
DATE OF ESTIMATE:	9/9/2023

			Unit Prices															
Street Name	From	To	Length	Avg. Width	Area (syd)	\$ 3.50	\$ 78.00	\$ 0.50	\$ 80.00	\$ 50.00	\$ 45.00	\$ 650.00			13%	10%		
Ivywood Trail	Terminal Drive	Termini	1170	36	4680	pulverize	1.75" Binder	Tack	1.5" Surface	Curb R&R (30%)	Base Repair (25%)	Markings	Casting Adj.	Subtotal	Eng	Contingency	Estimated Cost	
						\$ 16,380.00	\$ 36,732.15	\$ 2,340.00	\$ 32,292.00	\$ 17,550.00	\$ 42,120.00		\$ 3,042.00	\$ 150,456.15	\$ 19,559.30	\$ 15,045.62	\$ 185,100	