City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-8145
Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works Department

PUBLIC WORKS COMMITTEE
Tuesday, August 10, 2021
6:45 PM
South Conference Room

Agenda

1) Call to Order, Roll Call

2) Approval of Minutes

   a. July 13, 2021

3) Resolutions

   Action requested: review and recommend approval

   a. **RESOLUTION 3868** A Resolution Awarding an Architectural/Engineering Design Services Contract for a Combined Restroom, Concession and Storage Facility at Lemke Park to Kueny Architects, L.L.C. of Pleasant Prairie, Wisconsin in an Amount Not-to-Exceed $38,000

   b. **RESOLUTION 3870** A Resolution Granting a Permanent Easement to WE Energies for Installation of New Electrical Cables at the City's Department of Public Works Facility at 10800 North Industrial Drive

   c. **RESOLUTION 3871** A Resolution Approving a State/Municipal Maintenance Agreement (SMMA) and Three State/Municipal Financial Agreements (SMFA) for a State-Let Highway Project with the Wisconsin Department of Transportation for the County Line Road and Mequon Road Interchanges

   d. **RESOLUTION 3873** A Resolution Approving the Following Items: A) The Purchase of a John Deere 624P Loader from Brooks Tractor, Milwaukee, Wisconsin in the Amount of $232,043; B) The Purchase of Associated Plow & Wing Attachments from Universal Truck Equipment, Inc., Galesville, Wisconsin in the Amount of $35,947; and C) The Transfer of $228,715 from Various Department of Public Works Operating Accounts to the Department's Equipment Replacement Account

4) Discussion Items

   Discussion and Possible Action

   a. Wisconsin Department of Transportation Presentation on the I-43 North/South Corridor Project

b. 2021 Drainage Capital Improvement Program - Administrative Update and Upcoming Prioritization Meeting

c. Enhanced Fence on Mequon Road Bridge Over the Milwaukee River

d. No Engine Braking Signs on Mequon Rd

e. 2021 Work Plan (8.10.21)

5) Adjourn

Dated: August 10, 2021 */s/ Dale Mayr, Chair*

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the Public Works Department at 262-236-2913, Monday through Friday, 7:00 AM – 3:30 PM.

City of Mequon

See Agenda Packet for
Login and Complete Packet Details
Mequon, WI 53092
Phone: 262-236-8145
Fax: 262-242-9655

www.ci.mequon.wi.us
Public Works Department

PUBLIC WORKS COMMITTEE
Tuesday, July 13, 2021
6:30 PM
Virtual Meeting

Minutes

1) Call to Order, Roll Call
Chair Mayr called the meeting to order at 6:30 PM.

Present:
Chair Dale Mayr
Alderman Andrew Nerbun
Alderman Brian Parrish

Also present were Deputy Director of Public Works Weyker, Deputy Director of Utilities Driscoll, and Administrative Assistant Deuster.

2) Approval of Minutes

a. June 8, 2021 Minutes

RESULT: **Approved [Unanimous]**
MOVED BY: Alderman Parrish
SECONDED BY: Alderman Nerbun

AYES: Mayr, Nerbun, Parrish

3) Resolutions

Action requested: review and recommend approval

a. **RESOLUTION 3861** A Resolution Rejecting All Bids for the City of Mequon's 2021 Road Improvements Irrigation Removal Contract

RESULT: **Approved [Unanimous]**
MOVED BY: Alderman Nerbun
SECONDED BY: Alderman Parrish

Attachment: 07-13-2021 Mins_Public Works (6506 : July 13, 2021)

AYES:	Mayr, Nerbun, Parrish

b. **RESOLUTION 3862** A Resolution Awarding the Mequon Business Park Street Light Removal Contract to J Miller Electric of Port Washington, Wisconsin in the Amount of $42,000

Deputy Director of Public Works Weyker stated this is preparation for the business park project that is in next year's road program. These will make them We-Energies lights for future maintenance.

RESULT: **Approved [Unanimous]**
MOVED BY: Alderman Parrish
SECONDED BY: Alderman Nerbun

AYES:	Mayr, Nerbun, Parrish

c. **RESOLUTION 3863** A Resolution Authorizing an Agreement with the Wisconsin Department of Transportation for a Temporary Limited Easement at 9961 North Port Washington Road, in Connection with the I-43 Freeway Expansion Project

Alderman Nerbun inquired if the City was ok with the landscaping costs.

Deputy Director of Public Works Weyker stated the Water Utility Commission previously approved the compensation amount.

Alderman Parrish stated his understanding was the total dollar amount included the landscaping to gross it all up as a total cost.

Deputy Director of Public Works Weyker confirmed the TLE is for a driveway in conjunction with the I-43 project. The landscape is not great now and this will bring a more favorable improvement.

RESULT: **Approved [Unanimous]**
MOVED BY: Alderman Nerbun
SECONDED BY: Alderman Parrish

AYES:	Mayr, Nerbun, Parrish

d. **RESOLUTION 3864** A Resolution Awarding a Contract for 2021 Cleaning Services at the Public Safety Building to Vanguard Cleaning Systems, Greenfield, Wisconsin for a Total Not-to-Exceed Cost of $23,310

Alderman Mayr inquired on how discussions with the Future of the Fire Department Committee had come across a problem where there was no cleaning service on the east side and how it was not included in this even if not on a five day schedule but 1-2 times a week. Is there any chance to getting that added or can we approve it with the intention to add services over there.

Attachment: 07-13-2021 Mins_Public Works (6506 : July 13, 2021)

Deputy Director of Public Works Weyker stated this was not included in the resolution before the Committee but staff can inquire with Vanguard on the costs for the East Side Station separately.

RESULT: **Approved [Unanimous]**
MOVED BY: Alderman Parrish
SECONDED BY: Alderman Nerbun

AYES: Mayr, Nerbun, Parrish

4) Discussion Items

a. 2020 Work Plan (7.13.21)

Deputy Director of Public Works Weyker stated in the August meeting the purchase of a loader will be brought forward for approval.

Alderman Mayr stated a future agenda item would be the discussion of getting reflectors on the bump outs on Cedarburg Road similar to what the Village of Thiensville has. This will help improve the visibility there and the cost to install them.

Alderman Parrish inquired on a WisDOT safety measures at Mequon Road along the bridge. Along with a quarterly update on the Tidd 3 project especially along the OIT.

Alderman Nerbun stated he'd like to have a future discussion on the noise along Mequon Road by Semi's as they engine break along the road.

5) Adjourn

a. Motion to Adjourn at 6:52 PM.

RESULT: **Approved by Voice Acclamation [Unanimous]**
MOVED BY: Alderman Parrish
SECONDED BY: Alderman Nerbun

AYES: Mayr, Nerbun, Parrish

Respectfully Submitted,

Casey Deuster
Administrative Assistant

Attachment: 07-13-2021 Mins_Public Works (6506 : July 13, 2021)

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Parks and Forestry**

TO: **Public Works Committee**
FROM: **Mike Gies, Parks and Forestry Superintendent**
DATE: **July 21, 2021**
SUBJECT: **RESOLUTION 3868 A Resolution Awarding an Architectural/Engineering Design Services Contract for a Combined Restroom, Concession and Storage Facility at Lemke Park to Kueny Architects, L.L.C. of Pleasant Prairie, Wisconsin in an Amount Not-to-Exceed $38,000**

Background

Lemke Park is a 42-acre Community Park located in the southwest corner of Mequon. The primary amenities of the park include a pair of baseball fields, a park shelter, football fields, archery range, playground, and sand volleyball courts. Absent from those amenities is a permanent restroom facility to support the stakeholder groups that occupy time at the park. Currently two portable restrooms fulfill the needs of the users. With the expanded use of the park, it has become increasing obvious that a restroom facility is needed and a frequent request of user groups. According to National Park and Recreation Association standards, restroom facilities are listed as one of the primary features necessary for determining and supporting uses at a Community Park. In 2012, a park pavilion feature was added to the park. The addition of the combined restroom, concession, and storage facility just south of the existing pavilion would create a more synergistic common space between the existing pavilion and the new facility; creating a courtyard feel and gathering space in the park. This would also provide the park with the ability to generate new rental revenues, that were previously not realized due to the lack of a facility.

Per the Park and Open Space Plan updated in 2019, and a community survey initiated in connection with the 2019 update, restrooms facilities at Lemke Park were identified as a primary need of the Mequon Park and Open Space system. Now, in 2021, the Park and Open Space Board (POSB) has prioritized moving forward with a space needs analysis, and architectural, site, and design plans for future implementation of a new facility.

At the March POSB meeting the Board approved moving forward with an RFP for Architectural/Engineering Design Services for a Combined Restroom, Concession, and Storage Facility at Lemke Park. The RFP was issued April 20 with responses due back by June 4. Staff received (6) responses to the RFP.

All proposals received by the City are available for review by clicking here: <https://www.ci.mequon.wi.us/parks/page/architecturalengineering-design-services-combined-restroom-concession-and-storage-0>.

The POSB formed a subcommittee of members plus additional City staff to review the proposals and interview the top three consultant candidates. Interviews and scoring were completed by July 9.

Analysis

After the interviews two consultant firms rose to the top based on the following considerations:

- Incorporation and knowledge of the City's existing Master Plan for Lemke Park
- Community Involvement
- Sustainability Design
- Consideration of future maintenance needs and cost
- Needs Analysis based on current park usage and future usage
- A cost benefit analysis of potential revenues generated for the city
- Overall cost
- Marketing/fundraising/branding
- Overall accessibility and involvement
- Experience

The two firms that best met or exceeded the requirements based on their proposals and interviews were Kueny Architects, L.L.C. and Parkitecture and Planning.

Both consultants displayed good comprehension of the scope of work and an overall incorporation of past knowledge and experience. The consultant that met the highest aim of the needs for the City of Mequon on this project was Kueny Architects, L.L.C.

Fiscal Impact

In summary, the costs for the work as summarized in the proposal are as follows:

Firms brought in for Interviews	
Firm	**Price**
Kueny Architects, L.L.C	$33,826
Parkitecture & Planning	$45,392
Bloom	$69,465
Firms Disqualified Prior to Interviews	
Graef	$70,327
GCA	$88,000
Sketchworks Architecture	$97,800

Please note that the project was advertised as a Request for Proposal. Within the document, it outlines the City's ability to negotiate with any of the proposers, not solely the low proposer. While staff is recommending the lowest cost proposal, the POSB has based their recommendation on the quality of the proposer and proposal, rather than based solely upon cost.

Kueny Architects, L.L.C. completed the Facility Needs Analysis and design of the Combined

Department of Public Works facility and has extensive municipal design experience. Kueny Architects, L.L.C. is a full-service firm, with the capability to provide construction oversight services, if contracted.

Kueny Architects, L.L.C. has represented their proposal at a not-to-exceed cost of $33,826. As with previous contract awards, staff recommends award with a contingency for a total not-to-exceed contract cost of $38,000.

The contract will be funded using Park Impact Fees (PIF). The project deliverables will be received by the end of February 2022. The design and future installation of the facility at Lemke Park is based on current and future needs at the park which meet the requirements for usage of PIF. The future installation of the building will also utilize PIF but is also anticipated to utilize a combination of capital, private funding, and stakeholder funding.

Recommendation

A recommendation from the Public Works Committee is forthcoming on August 10, 2021.

Attachments:
Master Plan Final Report - LEMKE PARK (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3868

A Resolution Awarding an Architectural/Engineering Design Services Contract for a Combined Restroom, Concession and Storage Facility at Lemke Park to Kueny Architects, L.L.C. of Pleasant Prairie, Wisconsin in an Amount Not-to-Exceed $38,000

RECITALS

A. Staff issued a Request-for-Proposals for a Contract for Lemke Park: Design Services for a Combined Restroom, Concession, and Storage Facility.

B. Staff and the appointed Park and Open Space Board Subcommittee received and reviewed six proposals and firm qualifications and interviewed three firms for consideration.

C. Staff has determined that the proposals received are in accord with the Request for Proposals and that firm qualifications have been met and, on that basis, has made a recommendation to the Public Works Committee.

D. Architectural and Design Services are eligible for and therefore shall be funded through Park Impact Fees.

E. As the low proposer for all equitable efforts, staff recommends award to Kueny Architects, L.L.C of Pleasant Prairie, Wisconsin based upon the proposal amount of $33,826.

F. To provide for additional services that may result from execution of the contract and proper project design, the contract award amount shall be authorized with a contingency, for a total not-to-exceed cost of $38,000.

G. The Park and Open Space Board unanimously recommended approval at its meeting on July 21, 2021.

H. The Committee on Public Works at the meeting on August 10, 2021, approved staff's recommendation.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The Architectural/Engineering Design Services for a Combined Restroom, Concession, and Storage Facility at Lemke Park is awarded to Kueny Architects of Pleasant Prairie, Wisconsin, in an amount not to exceed $38,000, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. The Mayor and the City Clerk are authorized and directed to execute and deliver the same.

Approved by: John Wirth, Mayor

Date Approved: August 10, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on August 10, 2021.

Caroline Fochs, City Clerk

PROPOSED FACILITIES

1. NORTH PARKING LOT
   - 125 stalls
2. CENTRAL PARKING LOT
   - 25 stalls
3. SOUTH PARKING LOT
   - 52 stalls
4. YOUTH BASEBALL FIELD
   - 12 year-olds and under
   - Field dimensions: 200' LF, 200' CF, 200' RF
5. BASKETBALL COURT
6. STORAGE/RESTROOM BUILDING
7. CONCRETE PATH
   - Construct an 8' concrete or asphalt path connecting park facilities and providing ADA accessibility.
8. CONCRETE PADS
   - Install concrete pads under bleachers
9. TRAILS
   - Trail material to be determined
10. PARK ENTRANCE DRIVE
    - 24' wide, asphalt
11. FOOTBALL FIELD #1
    - With large bleachers from River Barn Park and potentially field lighting
12. FOOTBALL FIELD #2
    - With small bleachers and potentially field lighting
13. POTENTIAL RELOCATED ARCHERY
    - Consider relocation to another park
14. SHELTER
15. BASEBALL FIELD IMPROVEMENTS
    - Grass infield and raise pitcher's mound
16. BASEBALL PLAZA
    - Hardscape area with concession/ restroom building
17. BATTING CAGES
18. DROP-OFF CIRCLE
19. STORAGE SHED
    - 10' x 20'
20. SCOREBOARD
    - Relocated from River Barn Park
21. WATER TROUGHS
    - Moveable drinking water units
22. RIVER RESTORATION & STORMWATER MANAGEMENT



Lemke Park - Phasing Plan

City of Mequon, Wisconsin

ID | 52-0658

AYRES ASSOCIATES

1017 | 2019

0 50 100

Attachment: Master Plan Final Report - LEMKE PARK (RESOLUTION 3868 : Lemke RFP Award of Consultant to Kueny Architechts)

COST ESTIMATE

Project: LEMKE PARK
Project Number: 52-0658
Cost Estimate Status: PREFERRED CONCEPT

Date: 10/18/2019
Estimated by: JW, AO
Approved by: BT

AYRES ASSOCIATES

LEMKE PARK - PERFERRED CONCEPT

	Item	Qty.	Unit	Unit cost	Item Total	Comments
	MOBILIZATION	**1**	**LS**	**$100,000.00**	**$100,000.00**	
	EROSION CONTROL	**1**	**LS**	**$10,000.00**	**$10,000.00**	
	DEMOLITION	**1**	**LS**	**$30,000.00**	**$30,000.00**	
	EARTHWORK	**1**	**LS**	**$60,000.00**	**$60,000.00**	
				SUBTOTAL	**$200,000.00**	
PAVEMENT						
	BASE AGGREGATE DENSE, 1-1/4"	**8,040**	**TN**	**$20.00**	**$160,800.00**	
	ENTRANCE DRIVE PARKING LOT	5,045	TN			8"
	PATH SYSTEM	2,183	TN			8"
	BASKETBALL COURT	261	TN			8"
	CURB AND GUTTER	551	TN			6"
	ASPHALT PAVEMENT	**2,766**	**TN**	**$100.00**	**$276,600.00**	
	ENTRANCE DRIVE PARKING LOT	2,630	TN			4"
	BASKETBALL COURT	136	TN			4"
	PAVED PATH SYSTEM	**44,202**	**SF**	**$5.00**	**$221,010.00**	
	TRAIL SYSTEM	**57,864**	**SF**	**$2.50**	**$144,660.00**	**8' WIDE AGGREGATE TRAIL**
	CONCRETE CURB AND GUTTER, 18"	**5,008**	**LF**	**$30.00**	**$150,240.00**	**ENTRANCE DRIVE PARKING LOT**
	PAVEMENT MARKING STRIPING, 4"WHITE	**4,535**	**LF**	**$4.00**	**$18,140.00**	
	PAVEMENT MARKING ACCESSIBLE SYMBOLS	**10**	**EA**	**$500.00**	**$5,000.00**	
	PAVEMENT MARKING CROSSWALK	**1**	**EA**	**$2,500.00**	**$2,500.00**	
				SUBTOTAL	**$978,950.00**	
SITE AMMENTIES						
	PICNIC TABLES	**20**	**EA**	**$1,000.00**	**$20,000.00**	
	BIKE RACK	**4**	**EA**	**$1,500.00**	**$6,000.00**	
	BENCH	**15**	**EA**	**$1,000.00**	**$15,000.00**	
	TRASH / RECYCLING RECEPTACLES	**12**	**EA**	**$500.00**	**$6,000.00**	
	FLAG POLES	**2**	**EA**	**$5,000.00**	**$10,000.00**	
	PLAYER BENCHES	**10**	**EA**	**$3,000.00**	**$30,000.00**	
	BLEACHERS	**7**	**EA**	**$6,000.00**	**$42,000.00**	
	GRAND STANDS	**1**	**EA**	**$12,000.00**	**$12,000.00**	**RELOCATED FROM RIVER BARN PARK**
	DUMPSTER ENCLOSURE	**1**	**EA**	**$25,000.00**	**$25,000.00**	
	SHETER	**1**	**EA**	**$50,000.00**	**$50,000.00**	
	CONCESSION / RESTROOM BUILDING	**1**	**EA**	**$550,000.00**	**$550,000.00**	
	STORAGE / RESTROOM BUILDING	**1**	**EA**	**$350,000.00**	**$350,000.00**	
	FOOTBALL STORGE SHED	**1**	**EA**	**$10,000.00**	**$10,000.00**	
	RELOCATED FOOTBALL SCOREBOARD	**1**	**EA**	**$7,500.00**	**$7,500.00**	**RELOCATED FROM RIVER BARN PARK**
	RIVER RESTORATION AND STORMWATER MANAGEMENT	**1**	**LS**	**$200,000.00**	**$200,000.00**	
	PARKING LOT LIGHTING	**20**	**EA**	**$5,000.00**	**$100,000.00**	
	PEDESTRIAN LIGHTING	**10**	**EA**	**$3,000.00**	**$30,000.00**	
	SPORTS FACILITY LIGHITNG	**10**	**EA**	**$20,000.00**	**$200,000.00**	
				SUBTOTAL	**$1,663,500.00**	
SIGNAGE						
	REGULATORY SIGNS	**13**	**EA**	**$300.00**	**$3,900.00**	
	ADA SIGNAGE	10	EA			
	CROSSWALK SIGNS	2	EA			
	STOP SIGN	1	EA			
	WAYFINDING SIGN	**10**	**EA**	**$400.00**	**$4,000.00**	**DIRECTIONAL**
	RULE SIGNS	**5**	**EA**	**$500.00**	**$2,500.00**	
	PARK SIGN	**1**	**EA**	**$12,000.00**	**$12,000.00**	**ENTRANCE**
				SUBTOTAL	**$22,400.00**	

Attachment: Master Plan Final Report - LEMKE PARK (RESOLUTION 3868 : Lemke RFP Award of Consultant to Kueny Architechts)

Ayres Associates Inc.
5201 East Terrace Drive, Suite 200, Madison, WI 53718
T 608.255.0800 www.AyresAssociates.com

SPORT FACILITIES						
	BASKETBALL COURT	**1**	**EA**	**$20,000.00**	**$20,000.00**	**FURNISH / INSTALL**
	12 AND UNDER BASEBALL FIELD	**1**	**EA**	**$85,000.00**	**$85,000.00**	
	BASEBALL FIELD IMPROVEMENTS	**1**	**LS**	**$10,000.00**	**$10,000.00**	**GRASS INFIELD AND RASIED PITCHERS MOUND**
	BATTING CAGES	**2**	**EA**	**$15,000.00**	**$30,000.00**	
	FOOTBALL FIELD	**2**	**EA**	**$30,000.00**	**$60,000.00**	
	RELOCATED ARCHERY RANGE	**1**	**LS**	**$10,000.00**	**$10,000.00**	
	RELOCATED HORSESHOE PIT	**1**	**LS**	**$5,000.00**	**$5,000.00**	
	RELOCATED VOLLEYBALL COURT	**1**	**LS**	**$3,000.00**	**$3,000.00**	**CONCEPT 4 ONLY**
				SUBTOTAL	**$223,000.00**	
UTILTIES						
	WATER CONNECTION	**1**	**LS**	**$50,000.00**	**$50,000.00**	
	CONNECT TO EXISITNG	1	EA	$2,000.00	$2,000.00	
	WATER SERVICE, 2"	1,200	LF	$40.00	$48,000.00	
	SANITARY	**1**	**LS**	**$92,000.00**	**$92,000.00**	
	CONNECT TO EXISITNG	1	EA	$2,000.00	$2,000.00	
	SANITARY SERVICE, 6"	1,500	LF	$50.00	$75,000.00	
	CLEANOUTS	15	EA	$1,000.00	$15,000.00	
	SITE ELECTRICAL	**1**	**LS**	**$125,000.00**	**$125,000.00**	
	STORM SEWER	**1**	**LS**	**$127,500.00**	**$127,500.00**	
	STRUCTURES	10	EA	$2,000.00	$20,000.00	LARGE PARKING LOT
	PIPE	1,150	LF	$50.00	$57,500.00	LARGE PARKING LOT
	STORMWATER MANAGEMENT	1	LS	$50,000.00	$50,000.00	
				SUBTOTAL	**$394,500.00**	
LANDSCAPING						
	TREES	**150**	**EA**	**$500.00**	**$75,000.00**	
	SHRUBS	**40**	**EA**	**$50.00**	**$2,000.00**	
	LAWN RESTORATION	**1**	**LS**	**$40,000.00**	**$40,000.00**	
				SUBTOTAL	**$117,000.00**	
				Total	**$3,599,350.00**	
				7% Contingency	$251,954.50	
					$3,851,304.50	

Attachment: Master Plan Final Report - LEMKE PARK (RESOLUTION 3868 : Lemke RFP Award of Consultant to Kueny Architechts)

City of Mequon

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www.ci.mequon.wi.us **Office of Public Works**

TO: **Public Works Committee**
FROM: **Kristen Lundeen, Director of Public Works/City Engineer**
DATE: **August 10, 2021**
SUBJECT: **RESOLUTION 3870 A Resolution Granting a Permanent Easement to WE Energies for Installation of New Electrical Cables at the City's Department of Public Works Facility at 10800 North Industrial Drive**

Background

Staff received the following request from We Energies:

> We Energies requests an easement across the north portion of a City of Mequon Department of Public Works parcel to install new electrical cables. The existing cables have been failing repeatedly and must now be replaced with new cables with a higher load rating. These new cables will serve your building at 10800 North Industrial Drive and will greatly improve the future reliability of the electrical service there. We Energies would like to complete this work as soon as we can obtain the necessary railroad license and easement.

Analysis

The easement is required for We Energies to replace failing infrastructure with a direct benefit to the Combined Department of Public Works facility. The attached legal description and exhibit for the easement will be updated after installation, to reflect the final location.

Fiscal Impact

Compensation for easements is generally not provided when there is a direct benefit to the grantor. The proposed easement and associated cable replacement do not result in a fiscal impact to the City.

Recommendation

Staff recommends that the Public Works Committee favorably endorse, and the Common Council approve the resolution granting a permanent easement to We Energies at 10800 North Industrial Drive.

Attachments:
We Energies Easement (PDF)
We Energies Construction Sketch (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3870

A Resolution Granting a Permanent Easement to WE Energies for Installation of New Electrical Cables at the City's Department of Public Works Facility at 10800 North Industrial Drive

RECITALS

A. The City of Mequon owns land at 10800 North Industrial Drive.

B. WE Energies has proposed to install new electrical cables with a higher load rating to replace the existing cables have been failing repeatedly.

C. Staff has reviewed WE Energies requested easement and is in agreement with the proposed installation, restoration and easement agreement.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin, that the City hereby grants the easements to WE Energies as proposed and shown on the attached easement documents and that the appropriate City officials be authorized to execute the easement documents.

Approved by: John Wirth, Mayor

Date Approved: August 10, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on August 10, 2021.

Caroline Fochs, City Clerk

DISTRIBUTION EASEMENT
UNDERGROUND

Document Number

WR NO. **4618618** IO NO. **CR0817**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **CITY OF MEQUON,** hereinafter referred to as "Grantor", owner of land, hereby grants and warrants to **WISCONSIN ELECTRIC POWER COMPANY, a Wisconsin corporation doing business as We Energies,** hereinafter referred to as "Grantee", a permanent easement upon, within, beneath, over and across a part of Grantor's land hereinafter referred to as "easement area".

The easement area is described as the North 15 feet of **Parcel 1 of Certified Survey Map No. 2114** as recorded in the office of the Register of Deeds for Ozaukee County in Volume 15 of Certified Survey Maps on Pages 362, 363, and 364, as Document No. 422334 and being a division of a part of the **Northeast ¼ of the Southeast ¼ of Section 27** and the **Northwest ¼ of the Southwest ¼ of Section 26**, Township 9 North, Range 21 East, City of Mequon, Ozaukee County, Wisconsin.

RETURN TO:
We Energies
PROPERTY RIGHTS & INFORMATION GROUP
231 W. MICHIGAN STREET, ROOM P129
PO BOX 2046
MILWAUKEE, WI 53201-2046

14-027-13-007.00
(Parcel Identification Number)

1. **Purpose:** The purpose of this easement is to construct, install, operate, maintain, repair, replace and extend underground utility facilities, conduit and cables, electric pad-mounted transformers, manhole, electric pad-mounted switch-fuse units, electric pad-mounted vacuum fault interrupter, concrete slabs, power pedestals, riser equipment, terminals and markers, together with all necessary and appurtenant equipment under and above ground as deemed necessary by Grantee, all to transmit electric energy, signals, television and telecommunication services, including the customary growth and replacement thereof. Trees, bushes, branches and roots may be trimmed or removed so as not to interfere with Grantee's use of the easement area.

2. **Access:** Grantee or its agents shall have the right to enter and use Grantor's land with full right of ingress and egress over and across the easement area and adjacent lands of Grantor for the purpose of exercising its rights in the easement area.

3. **Buildings or Other Structures:** Grantor agrees that no structures will be erected in the easement area or in such close proximity to Grantee's facilities as to create a violation of all applicable State of Wisconsin electric codes or any amendments thereto.

4. **Elevation:** Grantor agrees that the elevation of the ground surface existing as of the date of the initial installation of Grantee's facilities within the easement area will not be altered by more than 4 inches without the written consent of Grantee.

5. **Restoration:** Grantee agrees to restore or cause to have restored Grantor's land, as nearly as is reasonably possible, to the condition existing prior to such entry by Grantee or its agents. This restoration, however, does not apply to any trees, bushes, branches or roots which may interfere with Grantee's use of the easement area.

6. **Exercise of Rights:** It is agreed that the complete exercise of the rights herein conveyed may be gradual and not fully exercised until some time in the future, and that none of the rights herein granted shall be lost by non-use.

7. **Binding on Future Parties:** This grant of easement shall be binding upon and inure to the benefit of the heirs, successors and assigns of all parties hereto.

8. **Easement Review**: Grantor acknowledges receipt of materials which describe Grantor's rights and options in the easement negotiation process and furthermore acknowledges that Grantor has had at least 5 days to review this easement document *or* voluntarily waives the five day review period.

Attachment: We Energies Easement (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

Grantor:

CITY OF MEQUON

By: _____

JOHN WIRTH, MAYOR

By: _____

CAROLINE FOCHS, CITY CLERK

Personally came before me in Ozaukee County, Wisconsin on _____, 2021, the above named John Wirth, the Mayor, and Caroline Fochs, the City Clerk of the CITY OF MEQUON, for the municipal corporation, by its authority, and pursuant to Resolution _____ adopted by its Common Council on _____, 2021.

_____
Notary Public Signature, State of Wisconsin

_____
Notary Public Name (Typed or Printed)

(NOTARY STAMP/SEAL) My commission expires _____

Attachment: We Energies Easement (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

This instrument was drafted by Douglas J. Hartmann on behalf of Wisconsin Electric Power Company, PO Box 2046, Milwaukee, Wisconsin 53201-2046.

ELECTRIC WORK REQUEST

4618618

[X] C [ ] T [ ] V: Mequon

CUST/PROJ NAME: Mequon Z3854 Emergent CR

PROJECT LOCATION: 10800 N Industrial Drive

PREPARED BY: Dan Bandor

E-MAIL: Daniel.Bandor@WE-Energies.com

OFFICE #: 262-884-6718 CELL #: 414-2541865

PROJECT ID: NOC2008 IO #: CR0817

OPERATING MAPS: 4176-7832-04

EXISTING FEEDER: Z3954 [Substation]

PROPOSED FEEDER: Z3954

T-R-S - ¼Q: T9N R21E Sec27SE CGS#: N/A

TYPE OF WORK:

[ ] CONVERSION kV to kV

[X] CABLE REPLACEMENT

[ ] FEEDER CUT

[ ] PAVING RELOCATION

[ ] REBUILD

[ ] OTHER

STAKING REQUIREMENTS:

[ ] SURVEYOR [ ] STAKED

[ ] DESIGNER [ ] NOT NEEDED

RESTORE PRIVATE PROPERTY:

[ ] YES [ ] NO

JU COMPANY
PROJECT #:
CONSTRUCTION CONTACT:
PHONE # , CELL #
EMAIL

JU COMPANY
PROJECT #:
CONSTRUCTION CONTACT:
PHONE # , CELL #
EMAIL

JU COMPANY
PROJECT #:
CONSTRUCTION CONTACT:
PHONE # , CELL #
EMAIL

RAILROAD PERMITTING/FLAGGING REQUIRED [X] YES [ ] NO

RR NAME Union Pacific RR

[ ] **THIS IS A JUMPP PROJECT** [X] **THIS IS NOT A JUMPP PROJECT**

[ ] ROW TO OBTAIN EASEMENT / ADD EASEMENT. SURVEYOR TO STAKE C/L AND MARK WIDTH OF EASEMENT ON STAKE.

[ ] ROW TO CONTACT CST/DESIGNER FOR EASEMENT REQ'S.

[X] NO NEW EASEMENTS REQUIRED

EROSION CONTROL NOTES

[X] IF DISTURBANCE OCCURS IN SUMMER, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED. IF DISTURBANCE OCCURS IN WINTER, TEMPORARY STABILIZATION SHALL BE SOIL STABILIZER, UNLESS NOTED. FINAL STABILIZATION IS REQUIRED IN SPRING.

[ ] IF DISTURBANCE OCCURS WITHIN THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE SOIL STABILIZER, UNLESS NOTED. IF DISTURBANCE OCCURS OUTSIDE THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED.

[ ] IF DISTURBANCE OCCURS IN AGRICULTURAL FIELDS, SOIL SEGREGATION WILL NEED TO TAKE PLACE TO RETURN FIELDS TO PRE-CONSTRUCTION SOIL STRATIFICATION AND TO PRE-CONSTRUCTION ELEVATIONS.

[ ] DEPENDING ON THE TIME OF YEAR AND WEATHER CONDITIONS, CONSIDER USING PLATES/MATS IN WETLANDS OR CROSSING DITCHES.

[ ] STOCKPILE MATERIALS SHALL BE PLACED UPSLOPE FROM EXCAVATION. IF STOCKPILE MATERIALS MUST BE PLACED DOWNSLOPE OF EXCAVATION, PROTECT STOCKPILES WITH 12" WATTLES.

[ ] PROJECT SPECIFIC EROSION CONTROL NOTES:

1PHASE OH FOOTAGE: _____ 3PHASE OH FOOTAGE: _____

1PHASE DB FOOTAGE: _____ 3PHASE DB FOOTAGE: _____

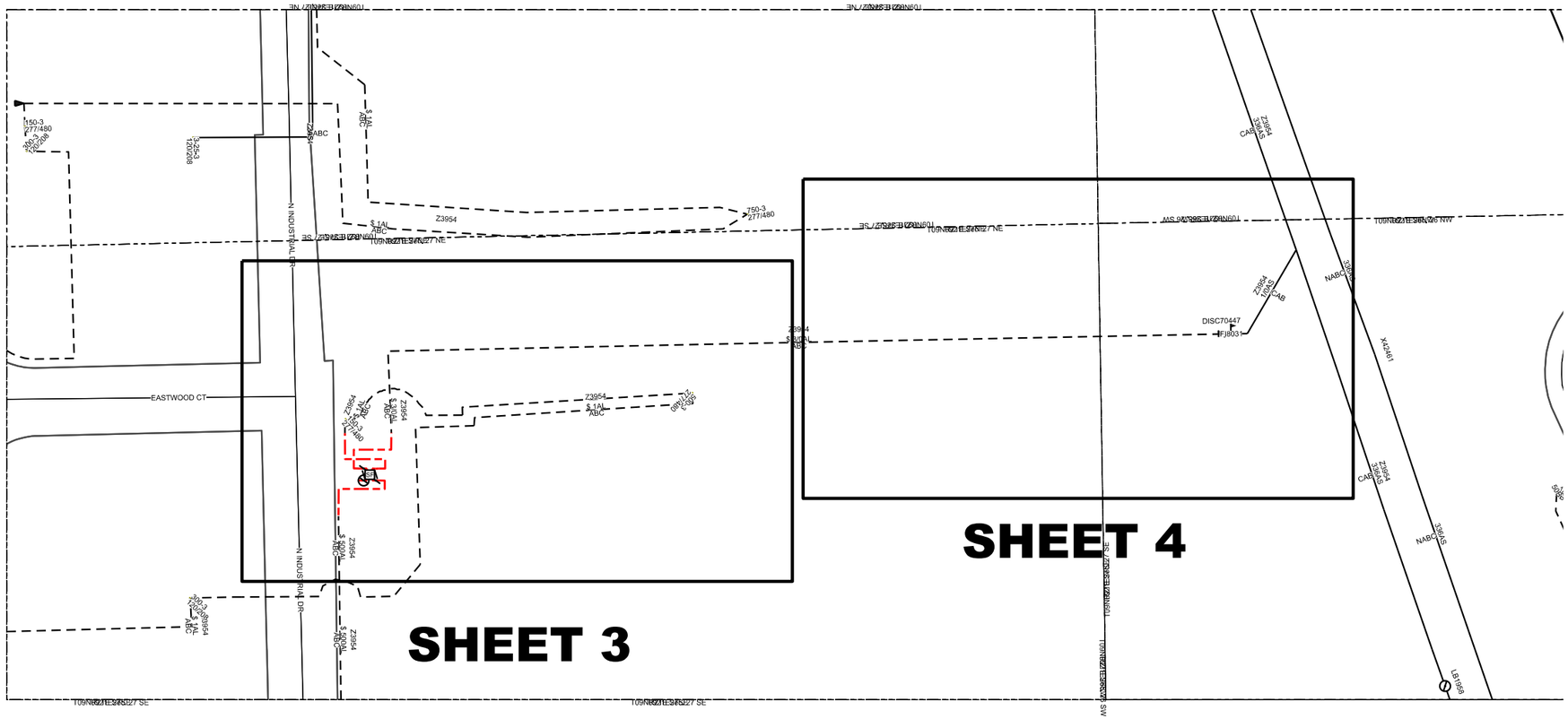
MUG CONDUIT FOOTAGE: _____ MUG CABLE FOOTAGE: _____

OF POLE INSTALLATIONS/REPLACEMENTS: _____

OF URD EQUIPMENT INSTALLATIONS/REPLACEMENTS: _____

3.b.b

N



Attachment: We Energies Construction Sketch (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

WR 4618618

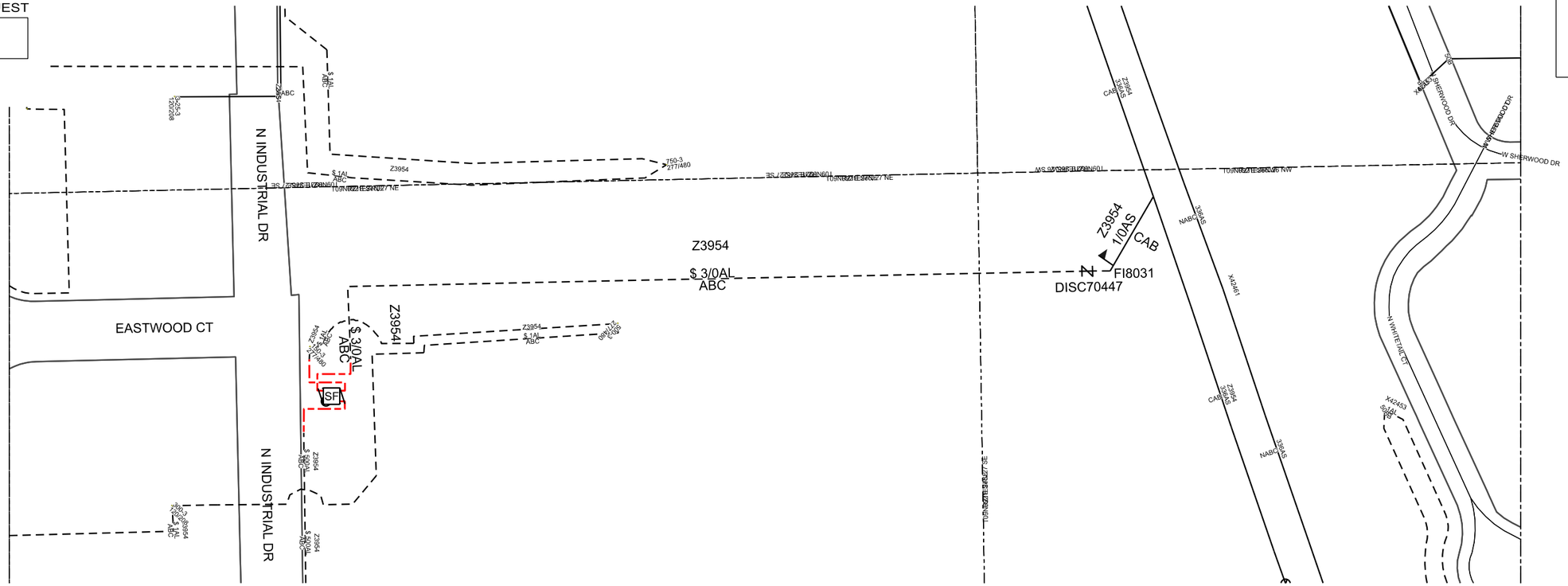
REV.	DESCRIPTION	BY	DA
0	DESIGN APPROVED FOR CONSTRUCTION	DB	6/11/

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SHE

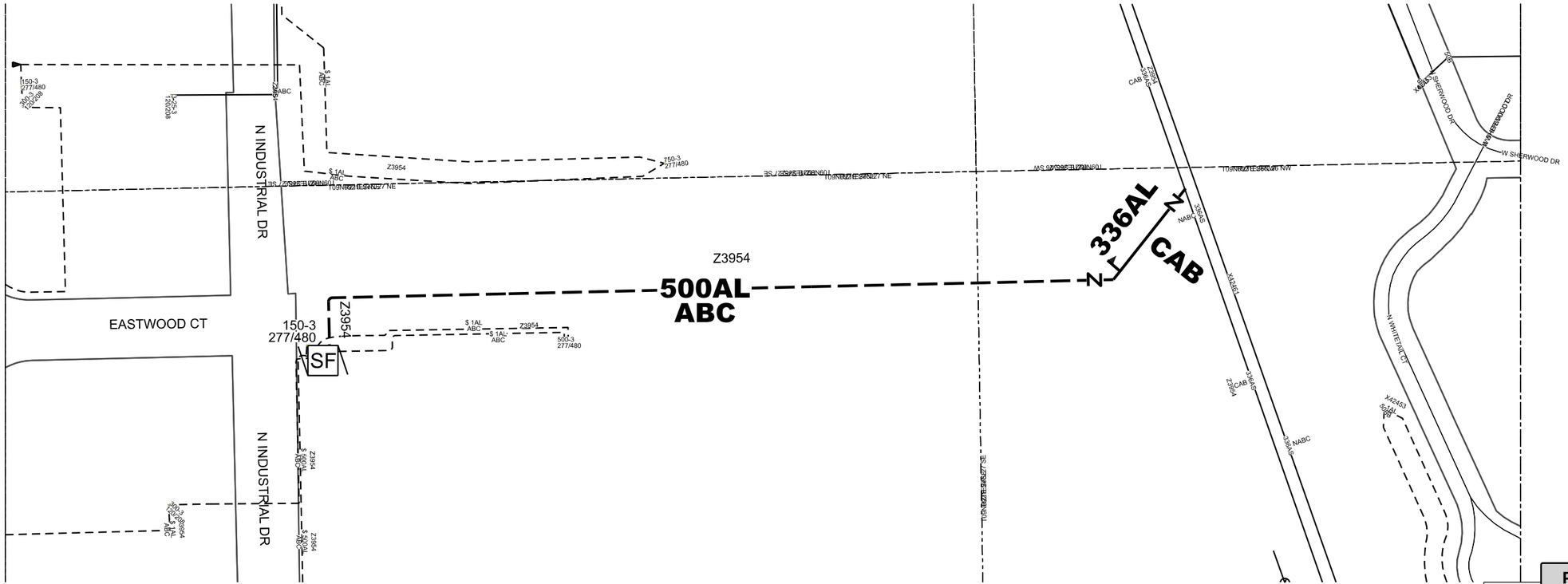
ELECTRIC WORK REQUEST

4618618



EXISTING FEEDER Z3984

PROPOSED FEEDER Z3984



Attachment: We Energies Construction Sketch (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

ELECTRIC WORK REQUEST

4618618

3.b.b

N

110 ENV 8, 27

120 ENV 8, 27

1,150'

DISCONTINUED Z19

DISCONTINUED Z19

UNK UNK UNK

PL PL

Z15 242'

Z15 400'

Proposed 15' Easement

Proposed 15' Easement

EASTWOOD CT

GAS GAS GAS GAS GAS

W W W

SAN SAN

FO FO FO FO FO

91U3591
150-3
277/480

in 6"duct Z15 83'

Z14 359'

Z14 347'

Z13

Z13

GEN

16U00643
500-3
277/480

SF

SG

100 90U4747
SW-FU
RETAG

N INDUSTRIAL DR

Z14 Z15

10800

SW/VFI DIA. 90U4747

LB#4637 LB#4629

TO 47-48 TO [EMPTY]

TO 47-24 TO 47-R05

RETAG

100E LB#4572

A B C C B A

SCALE 1" = 40'

SH

Attachment: We Energies Construction Sketch (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

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ELECTRIC WORK REQUEST

4618618

3.b.b

FCI ATTRIBUTE

PLANNING
- Feeder Z3954
- Mount# 21–
- Direction East
- Pole Ht 55'
- Phase ABC
- Type (OH/UG) OH

PROTECTION
- Size _____
- Const. Units _____
- FCI # 801647

INSTALLATION
- Manufacturer _____
- Date Manufactured _____
- Installation Date _____
- AØ Serial # _____
- BØ Serial # _____
- CØ Serial # _____

•• IF LOCATION IS ADJUSTED, CALL PLANNING ENG.

•• CALL EDCC WHEN INSTALLATION COMPLETE

CONSTRUCTION NOTES:
Points 150 & 155 can be accessed from N Whitetail Court if needed

T09NR21E Sec. 27 NE
T09NR21E Sec. 27 SE

T09NR21E Sec. 26 NW
T09NR21E Sec. 26 SW

155 (68-32453 40-)

150 **21-_____**
40-3
STD110-21.5
10"SCR,25',7/16"P,5/16"N

ENV 9-12.23

130 ENV 8, 27

DISCONTINUED Z19

PL

Z15 400'

Proposed 15' Easement

SHEET 3

Storage Area

Storage Building

Storage Area

DISCONTINUED Z19

PL

N

Proposed 15' Easement

145 (75-0605 40-3)

140 **21-_____**
55-3
STD110-14.5
STD129-78.4
10"SCR,25',3/8"P
10"SCR,23',3/8"P,5/16"N

ENV 9-15.23

78-2201
45'

PL

Path

Union Pacific RR

Telegraph Wires

ATC LINES

Z7 X7 N3
170'

153'
Z4 N

Z7 N2
154'

Z7 X7 N3
151'

ATC Tower

Path

ATC LINES

Telegraph Wires

Union Pacific RR

R/W NOTE:
We will need permission for Point 140 Anchor

SCALE 1" = 40'

SH

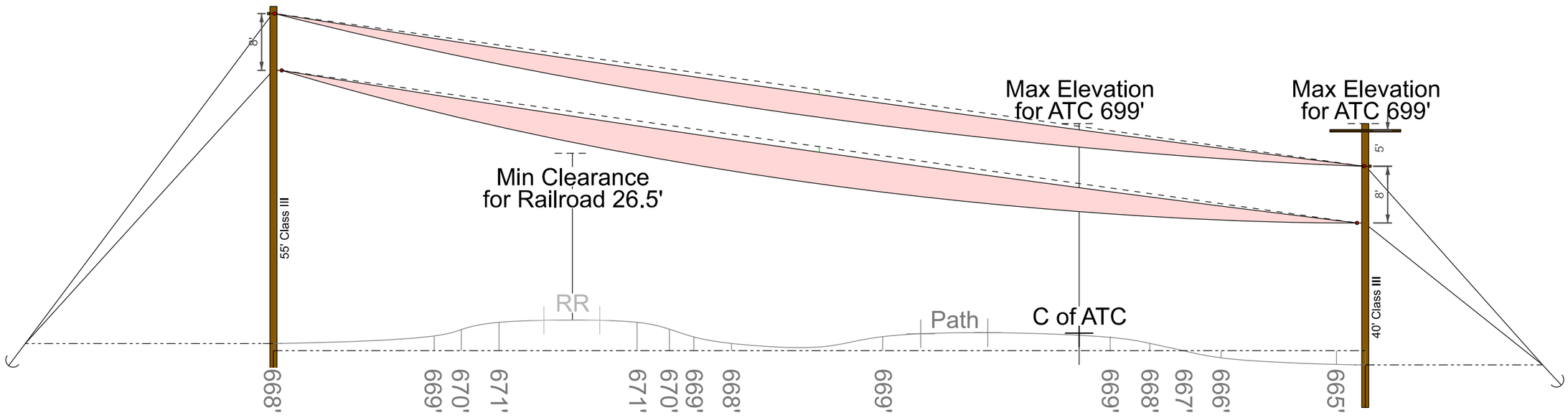
Attachment: We Energies Construction Sketch (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

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ELECTRIC WORK REQUEST

4618618

3.b.b



SCALE 1" = 40'

SH

Packet Pg. 22

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Attachment: We Energies Construction Sketch (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

WE ENERGIES - ELECTRIC OPERATIONS

CLEARANCE NOTES:

-LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD.

-MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE.

-THIS APPLIES TO GAS AND WATER MAINS.

-MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS.

-MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER.

-MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS.

NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.

STANDARD WIRE KEY

OVERHEAD PRIMARY
E, F, H, Q, R, W, X or Z

Z	1 #2 ACSR
Z1	1 #1/0 ACSR
Z2	1 #3/0 ACSR
Z3	3 #2 ACSR
Z4	3 #1/0 ACSR
Z5	3 #3/0 ACSR
Z7	3 #336 ACSR
Z9	SPECIAL LIST ON SKETCH
Z10	1 WIRE REMOVAL
Z11	2 WIRE REMOVAL
Z12	3WIRE REMOVAL

DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z

Z13	1 #1 AL 25KV	X22	1 #2 Cu 15kV
Z14	3 #1 AL 25KV	X23	3 #2 Cu 15kV
Z15	3 #500 AL 28KV	Z24	1 #2 Cu 25kV
X16	1 #2 AL 15KV	Z25	3 #2 Cu 25kV
X17	3 #2 AL 15KV	X26	3 #500 Cu 15kV
X18	3 #500 AL 15KV	Z27	3 #500 Cu 28kV
R19	3 #1/0 AL 35KV	Z28	3 #750 Cu 28kV
R20	3 #750 AL 35KV	Z29	SPECIAL - LIST ON SKETCH
Z21	3 #750 AL 28KV		

NEUTRAL

N	1-#2 ACSR
N1	1-#1/0 ACSR
N2	1-#3/0 ACSR
N3	1-#4/0 AL
N4	1-#336 ACSR
N5	REMOVAL

GUYING

G	1/4" ARM GUY
G1	5/16" ARM GUY
G2	3/8" ARM GUY
G3	5/16" POLE GUY
G4	3/8" POLE GUY
G5	7/16" POLE GUY

SECONDARY - 1PHASE

S	6DX
S1	4 TX
S2	2 TX
S3	1/0 TXR
S4	3/0 TXR
S5	350 TXR
S6	750 TXR
S7	1/0 TXF
S8	4/0 TXF
S9	336 TXR
S10	750 TXF
S11	3 WIRE REMOVAL
S12	3 WIRE MAIN
S14	6DX CIC
S15	1/0TX CIC

SECONDARY -

$	1/0 TXF
$1	4/0 TXF
$2	336 TXF
$3	3/0 TX
$4	350 TX
$5	750 TX
$6	1/0 QXF
$7	3/0 QXF
$8	350 QXR
$9	750 QXR
$10	3 WIRE REMOVAL
$11	3/0 QXR
$12	4 WIRE REMOVAL

EROSION CONTROL LEGEND

ENV 8, 27	APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
A/B/C/D	INLET PROTECTION, TYPE
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	SAND or ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
DW	APPROXIMATE DEWATERING BASIN LOCATION
	SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

2. If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
3. Erosion Control BMR's shall meet or exceed the approved WDNR Storm Watter Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
4. Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
5. When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

6. Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
   a. Any quantity of oil is spilled into surface water;
   b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
   c. Any oil spill containing greater than 500 ppm PCB;
   d. Five gallons or more of oil spilled to the ground;
   e. Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

8. Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

9. As much as practicable, the majorityof the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
10. All work shall be conducted to minimize soil disturance. No rutting will be allowed within the wetlands.
11. If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
12. Excavated soils cannot be stockpiled in wetlands.

Waterways

13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.
16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
18. Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Species

19. Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
21. Exclusion fencing must be installed at the work area prior to March 15.
22. A qualified biologist must be present when conducting work at this location.

Invasive Species

23. State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Rights-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/).

Cultural and Historical Resources, cont.

24. The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
26. A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
   a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
   b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
   c. A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.

Attachment: We Energies Construction Sketch (RESOLUTION 3870 : We Energies Easement @ 10800 N Industrial Dr)

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Public Works**

TO: **Public Works Committee**
FROM: **Kristen Lundeen, Director of Public Works/City Engineer**
DATE: **August 10, 2021**
SUBJECT: **RESOLUTION 3871 A Resolution Approving a State/Municipal Maintenance Agreement (SMMA) and Three State/Municipal Financial Agreements (SMFA) for a State-Let Highway Project with the Wisconsin Department of Transportation for the County Line Road and Mequon Road Interchanges**

Background

The I-43 North/South Corridor project that the Wisconsin Department of Transportation (WisDOT) will undertake, including the widening of the mainline through the corridor to three lanes and reconstruction of multiple interchanges, will appear to travelers as a singular project. However, WisDOT has the project broken down into multiple bidding packages, each with its own set of plans and agreements.

The City of Mequon and WisDOT have already entered into agreements for the Highland Road interchange, and the Sewer and Water Utility for water main relocation and sanitary manhole adjustments. In addition to those agreements, WisDOT is requesting approval of:

- A State/Municipal Maintenance Agreement (SMMA) for the sidewalk installed as a part of the project
- A State/Municipal Financial Agreement (SMFA) for the sanitary sewer work associated with the County Line Road Interchange project
- A SMFA for the water main work associated with the County Line Road Interchange project
- A SMFA for the sanitary sewer work associated with the Mequon Road Interchange project

Analysis

State/Municipal Maintenance Agreement (SMMA) Sidewalk

The SMMA for the sidewalk installed as a part of the project obligates the City of Mequon to maintain the sidewalk installed as a part of the project. WisDOT does not maintain sidewalks and assigns maintenance responsibility to the local jurisdiction, as the City of Mequon is required to on Mequon Road. Similarly, Ozaukee County does not maintain sidewalks and assigns maintenance responsibility to the local municipality, as the City of Mequon is required to on Port Washington Road.

The I-43 project proposes installation of sidewalks on Port Washington Road, County Line

Road, Mequon Road, Highland Road and the bridge on Donges Bay Road (see the attached exhibit to the agreement). The Joint Mequon-Thiensville Pedestrian and Bikeway Commission previously requested that Ozaukee County install pedestrian/bicycle facilities between Port Lane and County Line Road, as included in the proposed project.

Under the SMMA, the City of Mequon would accept responsibility for snow removal and maintenance, up to and including replacement when required. While the sidewalk provides for pedestrian and bicycle connectivity, it would significantly impact the snow removal operations for the City. If approved, staff will follow with a sidewalk snow removal policy discussion to address the impact on operations. The policy discussion could consider assigning snow removal responsibility to adjacent property owners, adjusting the City's response time to meet current equipment, personnel and operational capabilities, or increasing equipment and/or personnel to meet the needs of the additional infrastructure.

In addition, the City will accept responsibility for maintenance and repair of the sidewalk. The City's operation and maintenance budgets include limited funding for sidewalk shaving (the process of grinding down the trip hazards typically created by the freeze/thaw cycle), mudjacking (the process of lifting sections of sidewalk that have settled) and replacement. Addition of sidewalk will require adequate funding to maintain in the long term.

Alternatively, if the City decides not to enter into the SMMA with WisDOT, the sidewalk would be removed from the project and not installed as a result.

State/Municipal Financial Agreement (SMFA) - Sanitary Sewer
The two SMFAs for the Sewer Utility cover sanitary sewer work that will be completed under the WisDOT projects at County Line Road and Mequon Road. This is work that cannot be completed prior to the project by the Sewer Utility. According to the SMFA, the Municipality will be billed for work completed which is not chargeable to federal/state funds.

State/Municipal Financial Agreement (SMFA) - Water
Likewise, the SMFA for the Water Utility covers water main work that will be completed under the WisDOT project at County Line Road. This is work that cannot be completed prior to the project by the Water Utility. According to the SMFA, the Municipality will be billed for work completed which is not chargeable to federal/state funds.

Fiscal Impact
The SMMA for sidewalks will increase operation and maintenance costs for the Department of Public Works. As indicated and if approved, City staff will follow with a policy discussion which will determine the extent of the fiscal impact. The policy will determine whether the level of service will be adjusted to meet current financial constraints, or whether additional funding will be provided to cover the additional demand on equipment and personnel as a result of the sidewalk installation.

The SMFAs have the following fiscal impacts:

- County Line Road - Sewer Utility: $3,050
- County Line Road - Water Utility: $5,850

- Mequon Road - Sewer Utility: $150

Recommendation

Staff recommends that the Sewer Utility District Commission review and approve the resolution authorizing the two SMFAs for the sanitary sewer work associated with the County Line Road and Mequon Road Interchange projects.

Staff further recommends that the Water Utility District Commission review and approve the SMFA for the water utility work associated with the County Line Road Interchange project.

Staff further recommends that the Public Works Committee and Common Council review the obligations of the City as included in the SMMA, determine whether to accept the impact on operations pending a policy review of sidewalk snow removal, and take the corresponding action on the resolution authorizing the SMMA.

Should the Public Works Committee or the Common Council determine that the City is not willing to accept maintenance responsibility for any new sidewalk, it should make a recommendation to amend the resolution to deny the SMMA. Alternatively, it could conditionally approve the SMMA pending amendments to remove specific sections of sidewalk, if not all of the proposed sections are acceptable.

Attachments:
SMMA Sidewalk (PDF)
SMFA: Sanitary - County Line Interchange (PDF)
SMFA: Sanitary - Mequon Rd Interchange (PDF)
SMFA: Water - County Line Interchange (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3871

A Resolution Approving a State/Municipal Maintenance Agreement (SMMA) and Three State/Municipal Financial Agreements (SMFA) for a State-Let Highway Project with the Wisconsin Department of Transportation for the County Line Road and Mequon Road Interchanges

RECITALS

A. The Wisconsin Department of Transportation (WisDOT) is planning to reconstruct the Interstate 43 corridor from 4 lanes to 6 lanes, which includes construction to change roadway profiles at Highland Road, Donges Bay Road, County Line Road and Port Washington Road.

B. WisDOT has several packages for bidding, each with a unique project number, resulting in the requirement for individual agreements per project number.

C. WisDOT will include adjustments to the City of Mequon sanitary sewer system as a part of the County Line Road and Mequon Road Interchange projects at a total financial obligation of $3,200, which will be funded by the Gravity Sewer capital account.

D. WisDOT will include adjustments to the Mequon Water Utility infrastructure as a part of the County Line Road project at a total financial obligation of $5,850, which will be funded by the Buried Utility capital account.

E. WisDOT is requesting approval of an agreement obligating the City to the long-term maintenance of the sidewalk, including snow removal and maintenance and repair of the concrete. Acceptance of the agreement will require a policy discussion to determine how to incorporate the obligations into City operations and budget.

F. The Sewer Utility District Commission approved entering into two State/Municipal Financial Agreements to include Sanitary Utility Work as part of the WisDOT I-43 project at its meeting on August 10, 2021.

G. The Mequon Municipal Water Utility Commission approved entering into a State/Municipal Financial Agreement to include Water Utility Work as a part of the WisDOT I-43 project at its meeting on August 10, 2021.

H. The Public Works Committee approved entering into a State/Municipal Maintenance Agreement for sidewalks installed as a part of the project, subject to a policy discussion on sidewalk snow removal, at its meeting on August 10, 2021.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Mequon Municipal Water Utility Commission and Common Council of the City of Mequon, Wisconsin that:

1. Staff is authorized to enter into State/Municipal Maintenance Agreement for sidewalk maintenance, subject to a policy discussion on sidewalk snow removal, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. Staff is authorized to enter into State/Municipal Funding Agreements to adjust sanitary sewer facilities for the freeway expansion project, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

3. Staff is authorized to enter into a State/Municipal Funding Agreement to adjust water facilities for the freeway expansion project, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

4. The Director of Public Works/City Engineer, Mayor and the City Clerk are authorized and directed to execute and deliver the same.

_____

Approved by: John Wirth, Mayor

Date Approved: August 10, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on August 10, 2021.

_____

Caroline Fochs, City Clerk

STATE/MUNICIPAL **MAINTENANCE** **AGREEMENT**	Date: July 28, 2021 ID: 1229-04-74, 1229-04-75, 1229-04-76 Road Name: IH 43 Limits: W County Line Rd Interchange to STH 60 County: Milwaukee

The signatory City of **Mequon**, hereinafter called the Municipality, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the State, to initiate and affect this agreement to include the associated maintenance responsibilities hereinafter described.

The authority for the Municipality to enter into this agreement with the State is provided by Section 84.07(1) of the Statutes. Wisconsin statutes, Wisconsin Administrative Code, and State policy serve as the defining documents for State Highway maintenance responsibilities.

DESCRIPTION OF FACILITY:

Facility description upon completion of State project – As determined by project ID 1229-04-74, 1229-04-75, 1229-04-76

Facility description upon signature – The proposed roadway improvement is a reconstruction of IH 43 and surrounding roadways.

This request shall constitute agreement between the Municipality and the State; is subject to the terms and conditions that follow (pages [2] – [4]); is made by the undersigned under proper authority to make such request for the designated Municipality and upon signature by the State, delivery to the Municipality and upon fully executed signature of associated, applicable State Municipal Financial Agreement for project 1229-04-74, 1229-04-75 & 1229-04-76. The initiation and signature of the agreement will be subject to all the applicable federal and state regulations. No term or provision of neither the State/Municipal Maintenance Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Maintenance Agreement.

Signed for and in behalf of the **City of Mequon** (Please sign in blue ink)	
Name (print)	Title
Signature	Date
Signed for and in behalf of the **State** (Please sign in blue ink)	
Name Brian Roper	Title **WisDOT SE Region Maintenance Chief**
Signature	Date

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

TERMS AND CONDITIONS:

1. In order to guarantee the Municipality's foregoing agreements to maintain the facility to State standards, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold General Transportation Aids or monies otherwise due and payable by the State to the municipality, as determined by the State, for any maintenance the State must perform to the facility should the Municipality fail to comply with the agreement.

2. The State will not install any additional items, not necessitated for the safe and efficient flow of traffic, to a state highway facility without the Municipality agreeing to maintain those items. The State is responsible for maintaining the through travel way of any given highway facility under the State's jurisdiction including:

   (a) The energy, operation, repair and replacement of traffic signals and associated street lighting required for the signalized intersections within the limits of this agreement for:

      1. Signalized intersections at County Line Rd/Port Washington Rd Interchange, Mequon Rd Interchange, CTH C (Pioneer Rd) interchange, STH 60 Interchange.

   (b) Signing and pavement marking necessitated for the safe and efficient flow of traffic except those items listed in #3.

   (c) Permitting authority of utilities and access control on all State Trunk, US and Interstate Highways.

3. The Municipality shall at its own cost and expense maintain all portions within the specified limits of this agreement that lie within its jurisdiction for such maintenance through statutory requirements in a manner satisfactory to the State and shall make ample provision for such maintenance each year to include:

   (a) Maintain all items outside, and under, the travel way to include, but not limited to, parking lanes, curb and gutter, drainage facilities, sidewalks, multi-use paths, retaining walls, pedestrian refuge islands and landscaping features.

   (b) Remove snow and ice from sidewalks, multi-use paths, and pedestrian refuge islands along N Port Washington Road, N Port Washington Ln, W County Line Rd, N. Katherine Dr, Donges Bay Rd, Mequon Rd (including on and off ramps at IH 43), and Highland Rd. Reference Attachment 1 appended to this document for sidewalk locations and Attachment 2 letter from Ozaukee County appended to this document for N Port Washington Rd.

   (c) Implement a street sweeping program to help prevent the accumulation of dirt, sand, leaves, paper, or other clogging debris.

   (d) Maintain and accept responsibility for the energy, operation, maintenance, repair, and replacement of the street lighting system along N Port Washington Road.

      i. The Municipality shall accept responsibility for locating utilities for Digger's Hotline.

      ii. If at any time the Municipality should choose to turn off or remove street lighting, in part or in whole, funded with federal/state dollars, the State will determine potential conflicts and approve/disapprove such request. If removal is approved by the State, the Municipality will reimburse to the State an amount determined by Federal and State coordination.

   (e) Maintain clear right-of-way of all encroachments.

   (f) Maintain crosswalk pavement markings. The municipality shall obtain a permit with the State (contact Traffic Operations Unit (signing and marking)).

   (g) Maintain signs and pavement markings not necessary for the safe and efficient movement of traffic (no parking signs, wayfinding signs, etc.). The municipality shall obtain a permit with the State (contact Traffic Operations Unit (signing and marking)).

   (h) Maintain and accept responsibility for the following as applicable to this agreement:

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

1. Water utilities underneath and adjacent to N Port Washington Rd, N Port Washington Ln, N Katherine Dr and Highland Rd.

2. Sanitary Sewer underneath and adjacent to County Line Rd, N Port Washington Ln, N Port Washington Rd, Donges Bay Rd, Mequon Rd and Highland Rd.

4. The Municipality, within the specified limits, agrees to:

   (a) Prohibit angle parking along Mequon Rd (STH 167/STH57).

   (b) Regulate parking along the highway. The Municipality will file a parking declaration with the State.

   (c) The Municipality will coordinate with the State to obtain any necessary Work on Right-of-Way Permits for maintenance performed on or within the state highway facility or state right-of-way.

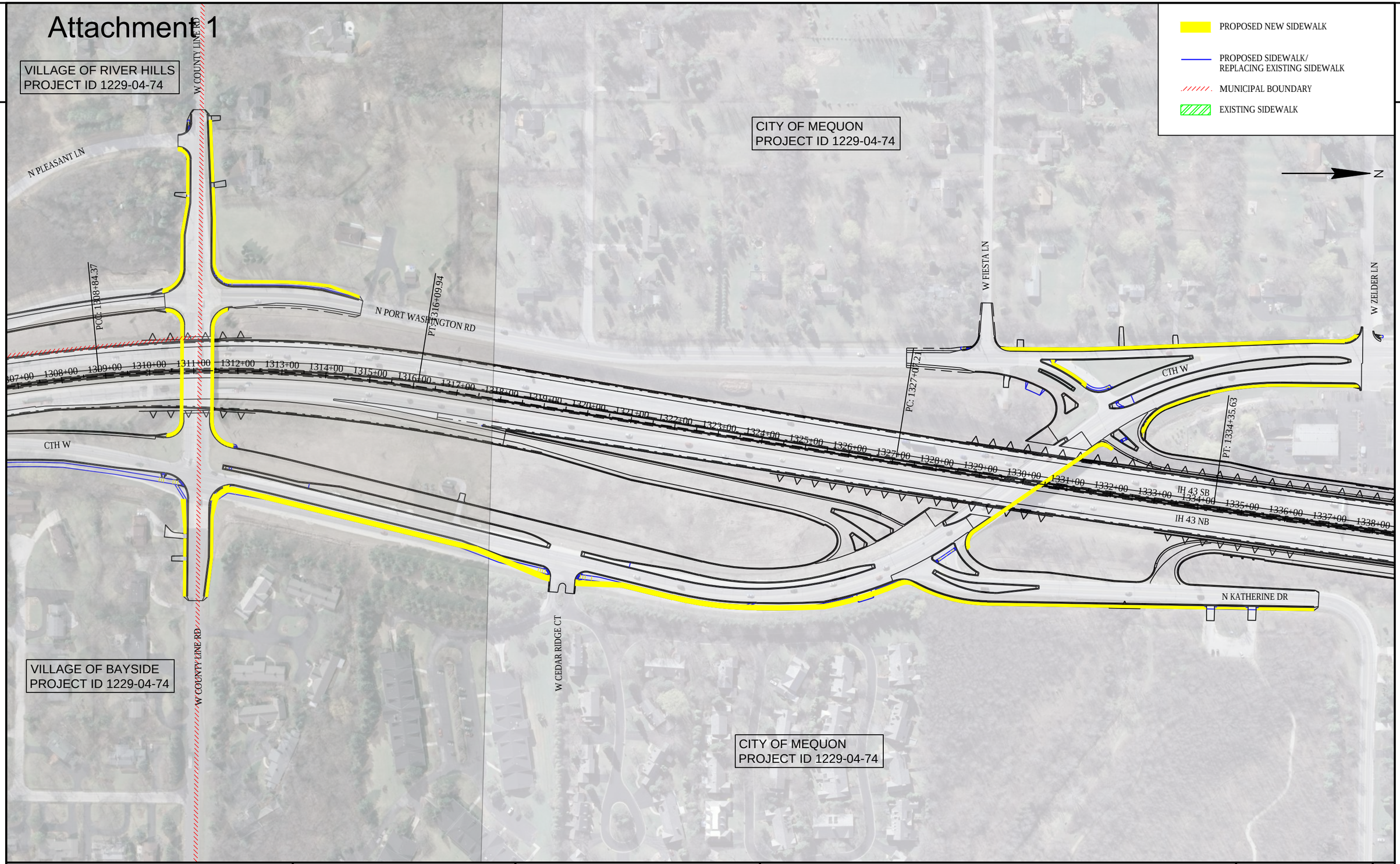
5. This agreement does not remove the current municipal maintenance responsibility.

6. The State or Municipality may request an amendment to this agreement to include specific features later requested by the Municipality throughout the design process.

7. Upon completion of each construction project, 1229-04-74, 1229-04-75 and 1229-04-76 the Municipality will assume all afore mentioned maintenance responsibilities.

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

Attachment 1

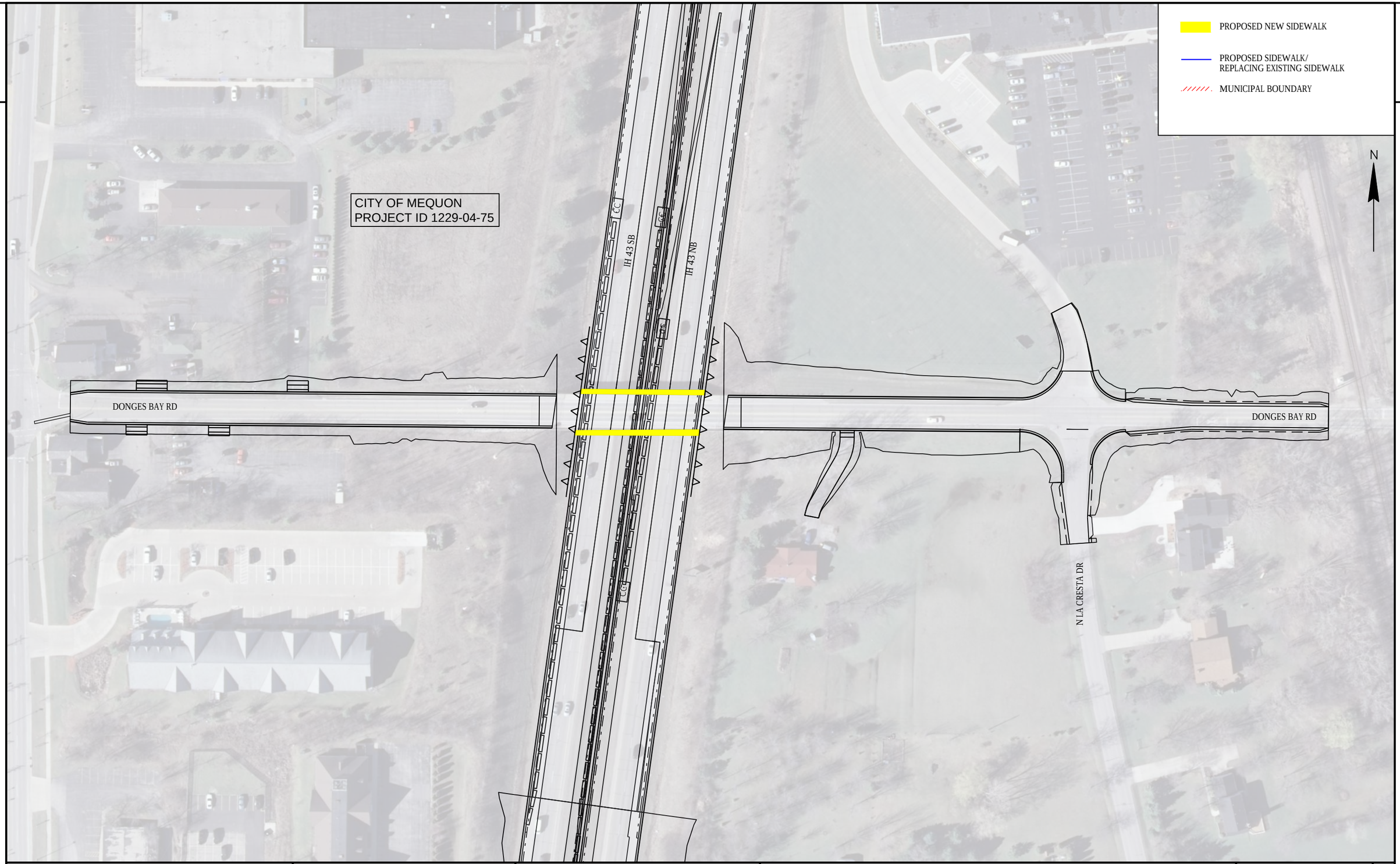


PROJECT NO: 1229-04-74	HWY: IH 43	COUNTY: MILWAUKEE/OZAUKEE	PROPOSED SIDEWALK - VILLAGE OF BAYSIDE / VILLAGE OF RIVER HILLS / CITY OF MEQUON	SHEET	E

FILE NAME : C:\CADDLIB\PW\HNTB_NARGUELLES\GREATLAKES\D0280611\SIDEWALK EXHIBIT.DWG
LAYOUT NAME - PORT WASHINGTON RD

PLOT DATE : 7/15/2021 2:37 PM PLOT BY : NICOLE ARGÜELLES PLOT NAME : PLOT SCALE : ############

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)



PROJECT NO: 1229-04-75	HWY: IH 43	COUNTY: OZAUKEE	PROPOSED SIDEWALK - CITY OF MEQUON	SHEET	E

FILE NAME : C:\CADDLIB\PW\HNTB_NARGUELLES\GREATLAKES\D0280611\SIDEWALK EXHIBIT.DWG
LAYOUT NAME - DONGES BAY

PLOT DATE : 6/30/2021 5:46 PM PLOT BY : NICOLE ARGÜELLES PLOT NAME : PLOT SCALE : 1 IN:100 FT

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

2

2

PROPOSED NEW SIDEWALK

PROPOSED SIDEWALK/
REPLACING EXISTING SIDEWALK

MUNICIPAL BOUNDARY

CITY OF MEQUON
PROJECT ID 1229-04-75

BUS STOP #2746

CTH W

IH 43 SB

IH 43 NB

RAILROAD

MEQUON RD

MEQUON RD

N

PROJECT NO: 1229-04-75	HWY: IH 43	COUNTY: OZAUKEE	PROPOSED SIDEWALK - CITY OF MEQUON	SHEET	E

FILE NAME : C:\CADDLIB\PW\HNTB_NARGUELLES\GREATLAKES\D0280611\SIDEWALK EXHIBIT.DWG
LAYOUT NAME - MEQUON RD

PLOT DATE : 6/30/2021 5:48 PM PLOT BY : NICOLE ARGÜELLES PLOT NAME : PLOT SCALE : 1 IN:100 FT

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

2

2

PROPOSED NEW SIDEWALK

PROPOSED SIDEWALK/
REPLACING EXISTING SIDEWALK

MUNICIPAL BOUNDARY

CITY OF MEQUON
PROJECT ID 1229-04-75

CONCORDIA
UNIVERSITY

N

CTH W

IH 43 SB

IH 43 NB

N LAKE SHORE DR

HIGHLAND RD

HIGHLAND RD

BUS STOP #2748

BUS STOP #2749

PROJECT NO: 1229-04-76	HWY: IH 43	COUNTY: OZAUKEE	PROPOSED SIDEWALK - CITY OF MEQUON	SHEET	E

FILE NAME : C:\CADDLIB\PW\HNTB_NARGUELLES\GREATLAKES\D0280611\SIDEWALK EXHIBIT.DWG
LAYOUT NAME - HIGHLAND RD

PLOT DATE : 6/30/2021 5:50 PM PLOT BY : NICOLE ARGÜELLES PLOT NAME : PLOT SCALE : 1 IN:200 FT

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

Ozaukee County Highway Department
410 South Spring Street
Port Washington, Wisconsin 53074-0994
Jon E. Edgren, P.E. – Director of Public Works
Phone 262-238-8335 Fax 262-238-8343

July 29, 2021

Mr. Steve Hoff
Wisconsin Department of Transportation
141 N.W. Barstow Street
Waukesha, WI 53188
VIA E-MAIL: Steve.Hoff@dot.wi.gov

RE: Sidewalk Construction along CTH W (N. Port Washington Rd)
I-43 Expansion Project (ID 1229-04-74)

Dear Mr. Hoff:

The Wisconsin Department of Transportation (WisDOT) has notified the Ozaukee County Highway Department of their intent to construct sidewalks in various locations adjacent to County Trunk Highway (CTH) W (N. Port Washington Road), which is under Ozaukee County jurisdiction, as part of WisDOT's I-43/County Line Road Interchange project (ID 1229-04-74). (See attached map for approximate locations.)

Ozaukee County has no objections to the construction of sidewalk along CTH W, but we do not accept maintenance responsibilities for sidewalk. Therefore, any future sidewalk maintenance, repairs, snow removal, etc..., would need to be designated to the local municipality, which should be the City of Mequon for the given locations.

Please feel free to contact me at 262-238-8335 if you have any questions, comments, or concerns.

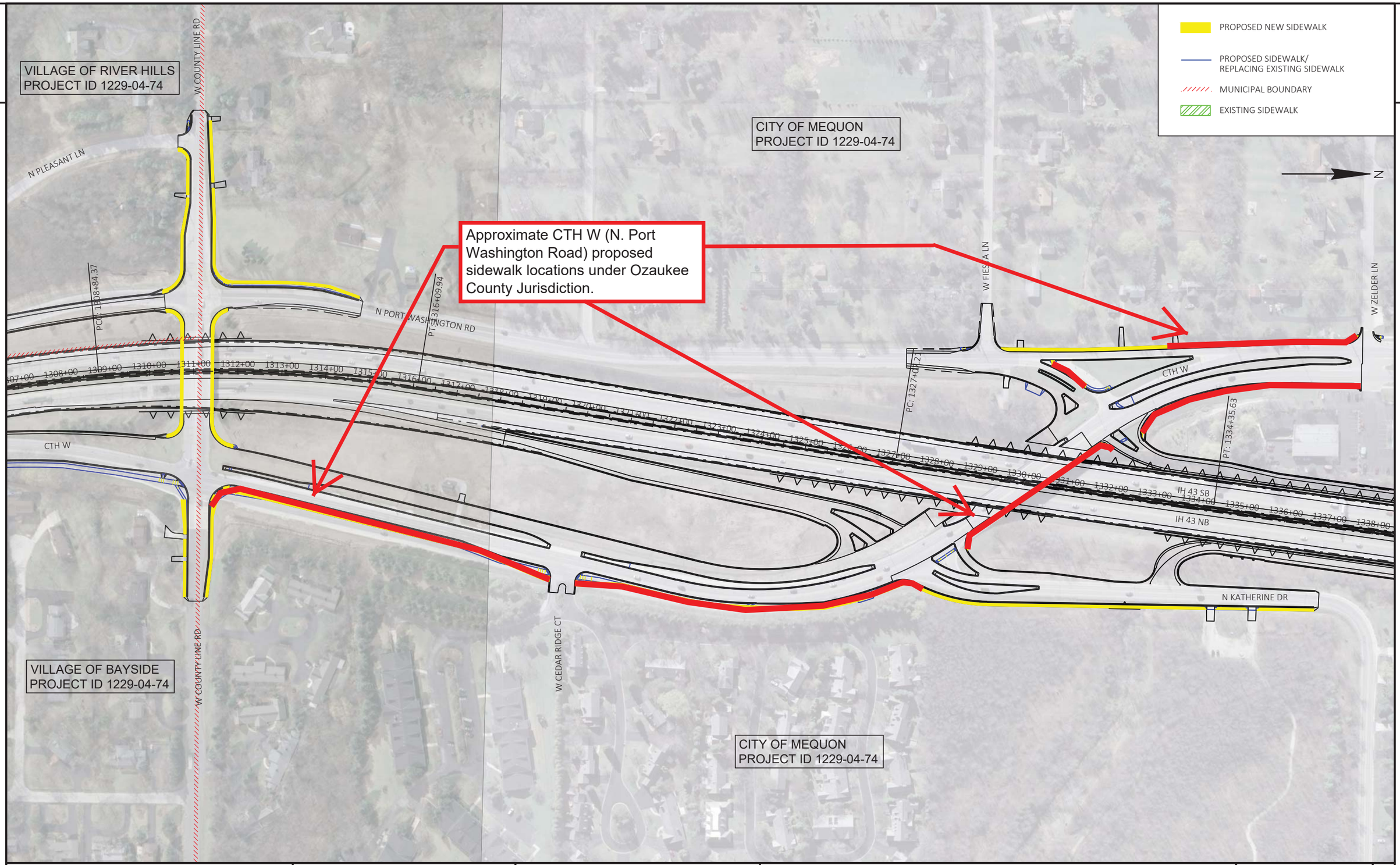
Sincerely,

Jon E. Edgren, P.E.
Ozaukee County Director of Public Works

Cc: Warren Guettel, Ozaukee County's Construction Superintendent,
wguettel@co.ozaukee.wi.us

N:\State Highways\I-43\Projects\Expansion Project\I-43 - County Line Rd Interchange\Hoff_JEE^I-43 Expansion Sidewalk on CTH W.docx

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)



PROJECT NO: 1229-04-74	HWY: IH 43	COUNTY: MILWAUKEE/OZAUKEE	PROPOSED SIDEWALK - VILLAGE OF BAYSIDE / VILLAGE OF RIVER HILLS / CITY OF MEQUON	SHEET	E

FILE NAME : C:\CADDLIB\PW\HNTB_NARGUELLES\GREATLAKES\D0280611\SIDEWALK EXHIBIT.DWG
LAYOUT NAME - PORT WASHINGTON RD

PLOT DATE : 7/15/2021 2:37 PM PLOT BY : PLOT NAME : PLOT SCALE : ##########

Attachment: SMMA Sidewalk (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

STATE/MUNICIPAL FINANCIAL AGREEMENT FOR A STATE- LET HIGHWAY PROJECT	Date: July 29 2021 I.D.:1229-04-74 Road Name: IH 43 Title: I-43 NORTH SOUTH FREEWAY Limits: W COUNTY LINE RD INTERCHANGE County: Ozaukee Roadway Length: 1.22 Miles

The signatory **City of Mequon**, hereinafter called the Municipality, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the State, to initiate and affect the highway or street improvement hereinafter described.

The authority for the Municipality to enter into this agreement with the State is provided by Section 86.25(1), (2), and (3) of the Statutes.

NEEDS AND ESTIMATE SUMMARY:

Existing Facility - Describe and give reason for request: Improvement

Proposed Improvement - Nature of work: As determined by project scoping.

Describe non-participating work included in the project and other work necessary to finish the project completely which will be undertaken independently by the municipality: A nominal amount is included to cover items in paragraph 4 (to be adjusted in the final plan).

TABLE 1: SUMMARY OF COSTS

Phase		Total Est. Cost	Federal/State Funds	%	Municipal Funds	% *
Preliminary Engineering:						
Plan Development		$ -	$ -	100%	$ -	0%
[1]Construction:						
Participating		$ 66,690,000	$ 66,690,000	100%	$ -	0%
Utility (Sanitary)		$ 30,500	$ 27,450	90%	$ 3,050	10%
Total Cost Distribution		**$ 66,720,500**	**$ 66,717,450**		**$ 3,050**	

1 Estimates include construction engineering

This request shall constitute agreement between the Municipality and the State; is subject to the terms and conditions that follow (pages [2] – [3]); is made by the undersigned under proper authority to make such request for the designated Municipality, upon signature by the State, upon fully executed signature of applicable State Municipal Maintenance Agreement and delivery to the Municipality. The initiation and accomplishment of the improvement will be subject to the applicable federal and state regulations. No term or provision of neither the

Attachment: SMFA: Sanitary - County Line Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

State/Municipal Financial Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Financial Agreement.

Signed for and in behalf of the **City of Mequon** (please sign in blue ink)	
Name (print)	Title
Signature	Date
Signed for and in behalf of the **State** (please sign in blue ink)	
Name **Tony Barth**	Title **WisDOT SE Region Planning Chief**
Signature	Date

TERMS AND CONDITIONS:

1. The Municipality shall pay to the State all costs incurred by the State in connection with the improvement which exceeds federal/state financing commitments or are ineligible for federal/state financing. Local participation shall be limited to the items and percentages set forth in the Summary of Costs table, which shows Municipal funding participation. In order to guarantee the Municipality's foregoing agreements to pay the State, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold the required reimbursement amount as determined by the State from General Transportation Aids or any moneys otherwise due and payable by the State to the Municipality.

2. Funding of each project phase is subject to inclusion in an approved program and per the State's Facility Development Manual (FDM) standards. Federal aid and/or state transportation fund financing will be limited to participation in the costs of the following items as specified in the Summary of Costs:

   (a) Design engineering and state review services.

   (b) Real Estate necessitated for the improvement.

   (c) Compensable utility adjustment and railroad force work necessitated for the project.

   (d) The grading, base, pavement, curb and gutter, and structure costs to State standards, excluding the cost of parking areas.

   (e) Storm sewer mains, culverts, laterals, manholes, inlets, catch basins, and connections for surface water drainage of the improvement; including replacement and/or adjustments of existing storm sewer manhole covers and inlet grates as needed.

   (f) Construction engineering incidental to inspection and supervision of actual construction work, except for inspection, staking, and testing of sanitary sewer and water main.

   (g) Signing and pavement marking necessitated for the safe and efficient flow of traffic, including detour routes.

   (h) Replacement of existing sidewalks necessitated by construction and construction of new sidewalk at the time of construction. Sidewalk is considered to be new if it's constructed in a location where it has not existed before.

   (i) Replacement of existing driveways, in kind, necessitated by the project.

   (j) New installations or alteration resulting from roadway construction of standard State street lighting and traffic signals or devices. Alteration may include salvaging and replacement of existing components.

Attachment: SMFA: Sanitary - County Line Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

3. Work necessary to complete the improvement to be financed entirely by the Municipality or other utility or facility owner includes the following items:

   (a) New installations of or alteration of sanitary sewers and connections, water, gas, electric, telephone, telegraph, fire or police alarm facilities, parking meters, and similar utilities.

   (b) New installation or alteration of signs not necessary for the safe and efficient flow of traffic.

   (c) Roadway and bridge width in excess of standards.

   (d) Construction inspection, staking, and material testing and acceptance for construction of sanitary sewer and water main.

   (e) Provide complete plans, specifications, and estimates for sanitary sewer and water main work. The Municipality assumes full responsibility for the design, installation, inspection, testing, and operation of the sanitary sewer and water system. This relieves the State and all of its employees from the liability for all suits, actions, or claims resulting from the sanitary sewer and water system construction.

   (f) Parking lane costs.

   (g) Coordinate, clean up, and fund any hazardous materials encountered for city utility construction. All hazardous material cleanup work shall be performed in accordance to state and federal regulations.

4. As the work progresses, the Municipality will be billed for work completed which is not chargeable to federal/state funds. Upon completion of the project, a final audit will be made to determine the final division of costs.

5. If the Municipality should withdraw the project, it shall reimburse the State for any costs incurred by the State in behalf of the project.

6. The work will be administered by the State and may include items not eligible for federal/state participation.

7. The Municipality shall, in cooperation with the State, assist with public relations for the project and announcements to the press and such outlets as would generally alert the affected property owners and the community of the nature, extent, and timing of the project and arrangements for handling traffic within and around the project.

8. Basis for local participation:

   (a) Funding for preliminary engineering 100% State

   (b) Funding for construction of standard roadway items – 100% State.

   (c) Funding for utilities 90% State, 10% Municipal, per chapter 84.295, State Statute

   (d) Funding for non-participating items 100% Municipality.

Comments and Clarification: This agreement is an active agreement that may need to be amended as the project is designed. It is understood that these amendments may be needed as some issues have not been fully evaluated or resolved. The purpose of this agreement is to specify the local and state involvement in funding the project. A signed agreement is required before the State will prepare or participate in the preparation of detailed designs, acquire right-of-way, or participate in construction of a project that merits local involvement.

Attachment: SMFA: Sanitary - County Line Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

STATE/MUNICIPAL FINANCIAL AGREEMENT FOR A STATE- LET HIGHWAY PROJECT	Date: July 29 2021 I.D.:1229-04-75 Road Name: IH 43 Title: I-43 NORTH SOUTH FREEWAY Limits: MEQUON RD INTERCHANGE County: Ozaukee Roadway Length: 2.53 Miles

The signatory **City of Mequon**, hereinafter called the Municipality, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the State, to initiate and affect the highway or street improvement hereinafter described.

The authority for the Municipality to enter into this agreement with the State is provided by Section 86.25(1), (2), and (3) of the Statutes.

NEEDS AND ESTIMATE SUMMARY:

Existing Facility - Describe and give reason for request: Improvement

Proposed Improvement - Nature of work: As determined by project scoping.

Describe non-participating work included in the project and other work necessary to finish the project completely which will be undertaken independently by the municipality: A nominal amount is included to cover items in paragraph 4 (to be adjusted in the final plan).

TABLE 1: SUMMARY OF COSTS

Phase		Total Est. Cost	Federal/State Funds	%	Municipal Funds	% *
Preliminary Engineering:						
Plan Development		$ -	$ -	100%	$ -	0%
[1]Construction:						
Participating		$ 53,812,000	$ 53,812,000	100%	$ -	0%
Utility (Sanitary)		$ 1,500	$ 1,350	90%	$ 150	10%
Total Cost Distribution		**$ 53,813,500**	**$ 53,813,350**		**$ 150**	

1 Estimates include construction engineering

This request shall constitute agreement between the Municipality and the State; is subject to the terms and conditions that follow (pages [2] – [3]); is made by the undersigned under proper authority to make such request for the designated Municipality, upon signature by the State, upon fully executed signature of applicable State Municipal Maintenance Agreement and delivery to the Municipality. The initiation and accomplishment of the improvement will be subject to the applicable federal and state regulations. No term or provision of neither the

Attachment: SMFA: Sanitary - Mequon Rd Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

State/Municipal Financial Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Financial Agreement.

Signed for and in behalf of the **City of Mequon** (please sign in blue ink)	
Name (print)	Title
Signature	Date
Signed for and in behalf of the **State** (please sign in blue ink)	
Name **Tony Barth**	Title **WisDOT SE Region Planning Chief**
Signature	Date

TERMS AND CONDITIONS:

1. The Municipality shall pay to the State all costs incurred by the State in connection with the improvement which exceeds federal/state financing commitments or are ineligible for federal/state financing. Local participation shall be limited to the items and percentages set forth in the Summary of Costs table, which shows Municipal funding participation. In order to guarantee the Municipality's foregoing agreements to pay the State, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold the required reimbursement amount as determined by the State from General Transportation Aids or any moneys otherwise due and payable by the State to the Municipality.

2. Funding of each project phase is subject to inclusion in an approved program and per the State's Facility Development Manual (FDM) standards. Federal aid and/or state transportation fund financing will be limited to participation in the costs of the following items as specified in the Summary of Costs:

   (a) Design engineering and state review services.

   (b) Real Estate necessitated for the improvement.

   (c) Compensable utility adjustment and railroad force work necessitated for the project.

   (d) The grading, base, pavement, curb and gutter, and structure costs to State standards, excluding the cost of parking areas.

   (e) Storm sewer mains, culverts, laterals, manholes, inlets, catch basins, and connections for surface water drainage of the improvement; including replacement and/or adjustments of existing storm sewer manhole covers and inlet grates as needed.

   (f) Construction engineering incidental to inspection and supervision of actual construction work, except for inspection, staking, and testing of sanitary sewer and water main.

   (g) Signing and pavement marking necessitated for the safe and efficient flow of traffic, including detour routes.

   (h) Replacement of existing sidewalks necessitated by construction and construction of new sidewalk at the time of construction. Sidewalk is considered to be new if it's constructed in a location where it has not existed before.

   (i) Replacement of existing driveways, in kind, necessitated by the project.

   (j) New installations or alteration resulting from roadway construction of standard State street lighting and traffic signals or devices. Alteration may include salvaging and replacement of existing components.

Attachment: SMFA: Sanitary - Mequon Rd Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

3. Work necessary to complete the improvement to be financed entirely by the Municipality or other utility or facility owner includes the following items:

   (a) New installations of or alteration of sanitary sewers and connections, water, gas, electric, telephone, telegraph, fire or police alarm facilities, parking meters, and similar utilities.

   (b) New installation or alteration of signs not necessary for the safe and efficient flow of traffic.

   (c) Roadway and bridge width in excess of standards.

   (d) Construction inspection, staking, and material testing and acceptance for construction of sanitary sewer and water main.

   (e) Provide complete plans, specifications, and estimates for sanitary sewer and water main work. The Municipality assumes full responsibility for the design, installation, inspection, testing, and operation of the sanitary sewer and water system. This relieves the State and all of its employees from the liability for all suits, actions, or claims resulting from the sanitary sewer and water system construction.

   (f) Parking lane costs.

   (g) Coordinate, clean up, and fund any hazardous materials encountered for city utility construction. All hazardous material cleanup work shall be performed in accordance to state and federal regulations.

4. As the work progresses, the Municipality will be billed for work completed which is not chargeable to federal/state funds. Upon completion of the project, a final audit will be made to determine the final division of costs.

5. If the Municipality should withdraw the project, it shall reimburse the State for any costs incurred by the State in behalf of the project.

6. The work will be administered by the State and may include items not eligible for federal/state participation.

7. The Municipality shall, in cooperation with the State, assist with public relations for the project and announcements to the press and such outlets as would generally alert the affected property owners and the community of the nature, extent, and timing of the project and arrangements for handling traffic within and around the project.

8. Basis for local participation:

   (a) Funding for preliminary engineering 100% State

   (b) Funding for construction of standard roadway items – 100% State.

   (c) Funding for utilities 90% State, 10% Municipal, per chapter 84.295, State Statute

   (d) Funding for non-participating items 100% Municipality.

Comments and Clarification: This agreement is an active agreement that may need to be amended as the project is designed. It is understood that these amendments may be needed as some issues have not been fully evaluated or resolved. The purpose of this agreement is to specify the local and state involvement in funding the project. A signed agreement is required before the State will prepare or participate in the preparation of detailed designs, acquire right-of-way, or participate in construction of a project that merits local involvement.

Attachment: SMFA: Sanitary - Mequon Rd Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

STATE/MUNICIPAL FINANCIAL AGREEMENT FOR A STATE- LET HIGHWAY PROJECT	Date: July 29 2021 I.D.:1229-04-74 Road Name: IH 43 Title: I-43 NORTH SOUTH FREEWAY Limits: W COUNTY LINE RD INTERCHANGE County: Ozaukee Roadway Length: 1.22 Miles

The signatory **Mequon Municipal Water Utility**, hereinafter called the Municipality, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the State, to initiate and affect the highway or street improvement hereinafter described.

The authority for the Municipality to enter into this agreement with the State is provided by Section 86.25(1), (2), and (3) of the Statutes.

NEEDS AND ESTIMATE SUMMARY:

Existing Facility - Describe and give reason for request: Improvement

Proposed Improvement - Nature of work: As determined by project scoping.

Describe non-participating work included in the project and other work necessary to finish the project completely which will be undertaken independently by the municipality: A nominal amount is included to cover items in paragraph 4 (to be adjusted in the final plan).

TABLE 1: SUMMARY OF COSTS

Phase		Total Est. Cost	Federal/State Funds	%	Municipal Funds	% *
Preliminary Engineering:						
Plan Development		$ -	$ -	100%	$ -	0%
[1]Construction:						
Participating		$ 66,690,000	$ 66,690,000	100%	$ -	0%
Utility (Water)		$ 58,500	$ 52,650	90%	$ 5,850	10%
Total Cost Distribution		**$ 66,748,500**	**$ 66,742,650**		**$ 5,850**	

1 Estimates include construction engineering

This request shall constitute agreement between the Municipality and the State; is subject to the terms and conditions that follow (pages [2] – [3]); is made by the undersigned under proper authority to make such request for the designated Municipality, upon signature by the State, upon fully executed signature of applicable State Municipal Maintenance Agreement and delivery to the Municipality. The initiation and accomplishment of the improvement will be subject to the applicable federal and state regulations. No term or provision of neither the

Attachment: SMFA: Water - County Line Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

State/Municipal Financial Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Financial Agreement.

Signed for and in behalf of the **Mequon Municipal Water Utility** (please sign in blue ink)	
Name (print)	Title
Signature	Date
Signed for and in behalf of the **State** (please sign in blue ink)	
Name **Tony Barth**	Title **WisDOT SE Region Planning Chief**
Signature	Date

TERMS AND CONDITIONS:

1. The Municipality shall pay to the State all costs incurred by the State in connection with the improvement which exceeds federal/state financing commitments or are ineligible for federal/state financing. Local participation shall be limited to the items and percentages set forth in the Summary of Costs table, which shows Municipal funding participation. In order to guarantee the Municipality's foregoing agreements to pay the State, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold the required reimbursement amount as determined by the State from General Transportation Aids or any moneys otherwise due and payable by the State to the Municipality.

2. Funding of each project phase is subject to inclusion in an approved program and per the State's Facility Development Manual (FDM) standards. Federal aid and/or state transportation fund financing will be limited to participation in the costs of the following items as specified in the Summary of Costs:

   (a) Design engineering and state review services.

   (b) Real Estate necessitated for the improvement.

   (c) Compensable utility adjustment and railroad force work necessitated for the project.

   (d) The grading, base, pavement, curb and gutter, and structure costs to State standards, excluding the cost of parking areas.

   (e) Storm sewer mains, culverts, laterals, manholes, inlets, catch basins, and connections for surface water drainage of the improvement; including replacement and/or adjustments of existing storm sewer manhole covers and inlet grates as needed.

   (f) Construction engineering incidental to inspection and supervision of actual construction work, except for inspection, staking, and testing of sanitary sewer and water main.

   (g) Signing and pavement marking necessitated for the safe and efficient flow of traffic, including detour routes.

   (h) Replacement of existing sidewalks necessitated by construction and construction of new sidewalk at the time of construction. Sidewalk is considered to be new if it's constructed in a location where it has not existed before.

   (i) Replacement of existing driveways, in kind, necessitated by the project.

   (j) New installations or alteration resulting from roadway construction of standard State street lighting and traffic signals or devices. Alteration may include salvaging and replacement of existing components.

Attachment: SMFA: Water - County Line Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

3. Work necessary to complete the improvement to be financed entirely by the Municipality or other utility or facility owner includes the following items:

   (a) New installations of or alteration of sanitary sewers and connections, water, gas, electric, telephone, telegraph, fire or police alarm facilities, parking meters, and similar utilities.

   (b) New installation or alteration of signs not necessary for the safe and efficient flow of traffic.

   (c) Roadway and bridge width in excess of standards.

   (d) Construction inspection, staking, and material testing and acceptance for construction of sanitary sewer and water main.

   (e) Provide complete plans, specifications, and estimates for sanitary sewer and water main work. The Municipality assumes full responsibility for the design, installation, inspection, testing, and operation of the sanitary sewer and water system. This relieves the State and all of its employees from the liability for all suits, actions, or claims resulting from the sanitary sewer and water system construction.

   (f) Parking lane costs.

   (g) Coordinate, clean up, and fund any hazardous materials encountered for city utility construction. All hazardous material cleanup work shall be performed in accordance to state and federal regulations.

4. As the work progresses, the Municipality will be billed for work completed which is not chargeable to federal/state funds. Upon completion of the project, a final audit will be made to determine the final division of costs.

5. If the Municipality should withdraw the project, it shall reimburse the State for any costs incurred by the State in behalf of the project.

6. The work will be administered by the State and may include items not eligible for federal/state participation.

7. The Municipality shall, in cooperation with the State, assist with public relations for the project and announcements to the press and such outlets as would generally alert the affected property owners and the community of the nature, extent, and timing of the project and arrangements for handling traffic within and around the project.

8. Basis for local participation:

   (a) Funding for preliminary engineering 100% State

   (b) Funding for construction of standard roadway items – 100% State.

   (c) Funding for utilities 90% State, 10% Municipal, per chapter 84.295, State Statute

   (d) Funding for non-participating items 100% Municipality.

Comments and Clarification: This agreement is an active agreement that may need to be amended as the project is designed. It is understood that these amendments may be needed as some issues have not been fully evaluated or resolved. The purpose of this agreement is to specify the local and state involvement in funding the project. A signed agreement is required before the State will prepare or participate in the preparation of detailed designs, acquire right-of-way, or participate in construction of a project that merits local involvement.

Attachment: SMFA: Water - County Line Interchange (RESOLUTION 3871 : WisDOT SMMA and SMFA for County Line and Mequon Road)

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Public Works**

TO: **Public Works Committee**
FROM: **Tim Weyker, Deputy Director of Public Works**
DATE: **August 2, 2021**
SUBJECT: **RESOLUTION 3873 A Resolution Approving the Following Items: A) The Purchase of a John Deere 624P Loader from Brooks Tractor, Milwaukee, Wisconsin in the Amount of $232,043; B) The Purchase of Associated Plow & Wing Attachments from Universal Truck Equipment, Inc., Galesville, Wisconsin in the Amount of $35,947; and C) The Transfer of $228,715 from Various Department of Public Works Operating Accounts to the Department's Equipment Replacement Account**

Background

In April of this year, Resolution 3835 was passed authorizing staff to exceed the 2021 Public Works Equipment Replacement Capital Account balance by $225,000 for the purchase of a new loader with snowplow & wing attachments. The loader purchase is justified to provide greater efficiency for snow removal operations, but it will be a beneficial unit for the Department throughout the rest of the year as well. The loader will provide greater efficiency at the City's brush site during brush grinding operations (where spoils are loaded for a private contractor charging by the hour), as well as for other, larger tree removal operations. Staff seeks the approval for the purchase of this loader with snowplow & wing attachments with the goal of reducing the time needed for snow removal and cleanup from approximately 8 hours to 6 hours (see attached April memo and memo from the City's Highway Superintendent for more detailed analysis and justification).

Analysis

Staff solicited and received 3 bids for new loaders. The low bid was from Brooks Tractor for a John Deere 624P Loader for $232,043. According to Brooks Tractor, the price increase of new loaders has been steady at 2% per year over the last several years and is projected to increase at the same rate next year (see attached Bid Summary).

Staff also solicited and received 4 quotes for snowplow & wing attachments for the loader. The lowest two quotes for snowplow & wing attachments did not meet required specifications. Staff recommends the lowest quote meeting specifications from Universal Truck Equipment, Inc. for $35,947. Staff consulted with other communities that had installed the lower priced snowplow & wing attachments on their loaders and verified that they were not happy with the performance and maintenance issues. As with this year's plow truck purchase, the plow and wing portion of the purchase has increased more drastically (approximately 20%), mainly due to the rise in steel prices (see attached Quote Summary).

The combined total cost for the new loader and snowplow & wing attachments is $267,990.

Fiscal Impact

Resolution 3835 authorized staff to exceed the 2021 Public Works Equipment Replacement Capital Account balance by $225,000 for the purchase of a new loader with snowplow & wing attachments. The current unencumbered Equipment Replacement Account balance is $39,275.

Staff is requesting that a total of $228,715 for the purchase of a new loader with snowplow & wing attachments be transferred from various departmental salary and benefits accounts (from realized savings due to staff vacancies throughout the year) to the DPW Equipment Replacement Account.

Recommendation

It is staff's recommendation that the Public Works Committee favorably endorse, and the Common Council approve the attached resolution approving the funds transfer of $228,715, and the purchase of a John Deere 624P loader and Universal snowplow & wing attachments to the respective low bidders shown above for a total cost of $267,990.

Attachments:
April 2021 Public Works Memo_Loader with Snowplow & Wing (PDF)
Memo from Highway Superintendent (DOC)
Quote Summary - 2021 Plow & Wing for Loader (PDF)
Bid Summary - 2021 Loader (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 3873

A Resolution Approving the Following Items: A) The Purchase of a John Deere 624P Loader from Brooks Tractor, Milwaukee, Wisconsin in the Amount of $232,043; B) The Purchase of Associated Plow & Wing Attachments from Universal Truck Equipment, Inc., Galesville, Wisconsin in the Amount of $35,947; and C) The Transfer of $228,715 from Various Department of Public Works Operating Accounts to the Department's Equipment Replacement Account

RECITALS

A. Resolution 3835 passed on April 13, 2021, authorized staff to exceed the public works equipment replacement capital account balance by $225,000 for the purchase of a new loader with snowplow & wing attachments, in addition to the replacement of existing equipment in the DPW fleet during fiscal year 2021.

B. The Department of Public Works' Fleet Division solicited bids and/or quotes for the new loader and for the snowplow & wing.

C. All of the bid proposals and quotes were reviewed by staff for compliance with requirements specified.

D. Staff recommends the purchase of a John Deere 624P loader from Brooks Tractor, Milwaukee, Wisconsin for $232,043 and for a Universal Snowplow & Wing Attachments from Universal Truck Equipment, Inc., Galesville, Wisconsin for $35,947. The total purchase price for the loader and the snowplow & wing attachments as recommended is $267,990.

E. Adequate funds are currently not available for the purchase of this loader in the Department of Public Works equipment replacement fund, Account # 410787-725012-10359.

F. There are excess funds available in various Department of Public Works salary and benefits accounts resulting from staff vacancies throughout the year in 2021.

G. The Public Works Committee favorably recommended the resolution at its meeting on August 10, 2021.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. Salary and benefit savings totaling $228,715 from divisional salary and benefit accounts in Buildings Maintenance #110326, Forestry #110363, Engineering #110358 and Highway #110359 shall be transferred to the DPW Equipment Replacement Account # 410787-725012-10359.

2. The Agreement for the Purchase of a John Deere 624P loader as bid, is approved and awarded to Brooks Tractor, Milwaukee, Wisconsin in an amount not-to-exceed $232,043, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

3. The Agreement for the Purchase of a Universal Plow & Wing as quoted, is approved, and awarded to Universal Truck Equipment, Inc., of Galesville, Wisconsin in an amount not-to-exceed $35,947, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

4. The Mayor and City Clerk are authorized and directed to execute and deliver the same.

_____

Approved by: John Wirth, Mayor

Date Approved: August 10, 2021

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on August 10, 2021.

_____

Caroline Fochs, City Clerk

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Public Works

TO: Common Council
FROM: Tim Weyker, Deputy Director of Public Works
DATE: April 13, 2021
SUBJECT: RESOLUTION 3835 A Resolution Authorizing City Staff to Exceed the Public Works Equipment Replacement Capital Account Balance by $225,000 During 2021 for the Purchase of a New Loader Vehicle with Snowplow and Wing Attachments

Background

The Department of Public Works (DPW) Equipment Replacement Program provides for the replacement of vehicles and equipment for all divisions within the Department. The Wastewater Division and the Water Utility have separate budgets that support the replacement of their respective equipment. The DPW's equipment replacement program provides funding for smaller items such as lawn mowers and chain saws to larger vehicles such as snowplow trucks, loaders, and excavators.

In order to provide more efficiency during winter snow removal operations, staff is requesting authorization for a one-time expenditure for the purchase of a new loader with the appropriate snowplow and wing attachments to aid in citywide snow removal efforts. Please see the attached memo from Highway Division Superintendent, Rich Haczynski, which explains and justifies the efficiencies that could be realized by adding a new loader to the fleet. In addition to the points made in the memo by Supt. Haczynski, there were several times during this last winter that DPW had every available snowplow on the road clearing snow, including the grader and the current loader. There are currently two vacancies in the Highway Division. Once at full staff, there will be two more plow drivers available that could be utilized during any given snow event.

Analysis

In 2018, the City contracted with Mercury Associates, Inc. for a Fleet Rightsizing and Replacement Study. The rightsizing aspect of the study's report was realized shortly after the Mercury study and recommended units in the fleet were eliminated. The fleet replacement aspect of the study gave recommended replacement cycles and annual budget expenditure recommendations. The current DPW equipment replacement budget is less, and the current equipment replacement cycle is greater, than the recommendations of the study. In light of this, staff does not recommend adding a new piece of equipment at the sacrifice of replacing the existing equipment listed below.

2021 Equipment Replacement Staff Recommendation (in priority order)

Unit #	Year	Description	Estimate	Comments
318	2001	Plow Truck	$195,000	Frame of dump box rusted beyond repair.

Attachment: April 2021 Public Works Memo_Loader with Snowplow & Wing (RESOLUTION 3873 : 2021 Equipment Replacement Program -

339	1961	Rubber Tire Roller	$39,000	60 years old, unreliable, and unsafe
203	1999	1 Ton Pickup Truck	$30,000	Pickup bed and lift gate rusted out.
403*	2009	1 Ton Dump Truck	$9,000	*Replacing dump box only - rusted out.
456	2012	Zero Turn Mower	$14,000	Used daily in summer and needs replacing.
359	1997	Culvert Steamer	$9,000	Vital to clear frozen culverts
354	1996	Asphalt Heater	$8,000	Trailer and frame rusted out.
516*	2011	Buildings Vehicle	$9,000	*Replace with used Sewer Utility truck
			$313,000	

Fiscal Impact

The DPW Equipment Replacement account balance is currently $408,000. Sale of the above listed equipment at auction is estimated to total approximately $20,150. Unit 409 was approved and ordered for $70,500 last year, but to date has not been delivered. The 2021 lease payment for the four Chevy Malibu City Hall pool vehicles is $19,650. Considering the sale of equipment and these two current obligations, the remaining account balance available for equipment replacement in 2021 is **$338,000.** The estimated cost of a new loader with snowplow and wing is $250,000.

According to the Fleet Rightsizing and Replacement Study, cost savings realized from the rightsizing of the fleet were projected to be $71,000 in 2019 and $174,000 in 2020 for a total of $245,000. The savings from rightsizing was projected to be $121,000 in 2021.

Each equipment purchase that requires Public Works Committee and Common Council approval will come before the bodies with associated resolutions authorizing the purchase. For any purchase(s) that exceed the allocated budget for 2021, staff will provide a source for the funds. Based upon seven (7) current vacancies within the Department, it is anticipated that the majority of funding needed to finance this supplemental purchase can be fulfilled with anticipated salary and benefit savings that have been, or that will continue to be, realized into mid-2021. Accordingly, and pending the Common Council's concurrence with staff's recommendation as proposed, a forthcoming resolution memorializing the necessary transfer of funds to account for this additional, one-time expenditure will be presented once final vehicle and equipment purchase prices have been obtained.

Recommendation

A recommendation is forthcoming from the Public Works Committee on April 13, 2021.

Attachments:
Memo from Highway Superintendent (DOC)

Attachment: April 2021 Public Works Memo_Loader with Snowplow & Wing (RESOLUTION 3873 : 2021 Equipment Replacement Program -

City of Mequon

11333 N. Cedarburg
Mequon, WI 53092-
Phone (262) 236-2913
Fax (262) 238-1580

www.ci.mequon.wi.us

Public Works Department

Date: March 19, 2021

To: Tim Weyker, Deputy Director of Public Works

From: Rich Haczynski, Highway Superintendent

Subject: Need for a Second Pay Loader with Plow & Wing

Reasons the Department of Public Works needs another loader for snow plowing:

In the last 10 years the City of Mequon has given 3.69 miles of straight easy to plow roads to Ozaukee County to maintain. In the same 10 years we have acquired 5.26 miles of road which is subdivisions, including may courts and dead-end stubs. In 2004, the Public Works Department had 299 cul-de-sacs and dead ends. Today the department has 321 cul-de-sacs and dead ends to maintain which are very hard and time consuming to plow with a big plow truck. These trucks do not turn the greatest when pushing snow. In all courts we try and push most of the snow to the inside of the court, so we do not fill all the driveways with a wall of snow. The loader pivots in center and can wrap around a court very easy. Right now, we have one loader with plow and wing set up for plowing (first got the loader to help in courts in 1985). The route we have for the loader has been in place since 2004 and consists of 45 courts to plow. This route takes about 5.5 hours at which point the loader jumps over to help in other sections with courts to try to get routes done faster. Now a complete clean up with 15 trucks and loader is taking close to 8 hours as compared to 10 years ago when it took 5.5 to 6 hours.

My plow drivers struggle to get through all these new courts, so we decided to do a time test in one of our newest subdivisions, the Enclave. During a large heavy snow event we had a truck and loader do the exact same courts, just opposite sides of the street. What we observed was the loader had no problem doing the court completely in seven minutes. The truck on the other hand had problems getting around the court and took him twenty-three minutes to finish. In that time, the loader did two other courts. This determined that the loader does three courts in the same time as a truck can do one. If we could add another loader to our fleet, I hope to get our complete plow clean up time back to the 5.5 to 6 hours instead of the 8 hours it is taking us now with all the new roads we have acquired.

In 1985 the City of Mequon had one loader with plow and wing set up to help with courts. Since 1985 many courts and dead ends have been added to the City of Mequon. Plow routes have gotten bigger and in turn are taking more time. I feel if we can add another loader with plow and wing to our routes, we could improve our time on getting the roads cleared to that 5-6 hour mark instead of 8 hours.

Attachment: Memo from Highway Superintendent (RESOLUTION 3873 : 2021 Equipment Replacement Program - Purchase of A New Loader)

CITY OF MEQUON
WISCONSIN

QUOTES RECEIVED FOR: _2021 Plow & Wing for Loader

BIDDER	Wausau Equipment Company	Henke Manufacturing Corporation	Universal Truck Equipment	Henke Manufacturing Corporation
MAKE	Wausau	Henke	Universal	Henke
MODEL	HHS 4211-PW11	41R12 – PPW10	UTA-12-43H AHW/UTF 10	REL12 – PPW10
COMMENTS	DOES NOT MEET SPECS - Plow does not have dual trip or individual trip spring replacement specified.	DOES NOT MEET SPECS - Plow does not have the Husting hitch we specified.	POSITIVE – Plows on our trucks are Universal, so we stock replacement parts.	
BID	$31,907	$35,234	$35,947	$45,894

Attachment: Quote Summary - 2021 Plow & Wing for Loader [Revision 1] (RESOLUTION 3873 : 2021

CITY OF MEQUON
WISCONSIN

BIDS RECEIVED FOR: _2021 Loader

BID NUMBER #1896

BID OPENING: 07-06-2021

TIME: 10:00AM

BIDDER	Brooks Tractor	Miller & Bradford & Risberg, Inc	Fabick Cat
MAKE	John Deere	Case	Caterpillar
MODEL	624 P	721 G	938 M
BID	$232,043	$241,156	$243,365

Attachment: Bid Summary - 2021 Loader (RESOLUTION 3873 : 2021 Equipment Replacement Program -

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Engineering**

TO: **Public Works Committee**
FROM: **Kristen Lundeen, Director of Public Works/City Engineer**
DATE: **August 10, 2021**
SUBJECT: **Wisconsin Department of Transportation Presentation on the I-43 North/South Corridor Project**

Background

Staff from the Wisconsin Department of Transportation (WisDOT) and design consultants from HNTB Corporation will be in attendance at the August 10 Common Council meeting to give a presentation on the I-43 North/South Corridor Project.

Project Overview

The I-43 North-South Freeway is among the busiest routes in Wisconsin and is a critical Interstate link between southeast Wisconsin and the entire state. I-43 provides access to manufacturers, merchants, commuters and tourists within southeast Wisconsin, the Milwaukee metropolitan area, and other areas including Green Bay, Sheboygan, Manitowoc and Chicago.

WisDOT has maintained and rehabilitated the ramps, bridges, pavements and other structures on I-43 for 50 years. The North-South Freeway has exceeded its design life and it is no longer economical to maintain.

This project includes the expansion of I-43 from four to six lanes, the reconstruction of five existing interchanges along the corridor, and the replacement of the Union Pacific railroad bridge over I-43 in Glendale. The project also includes the expansion of a section of Port Washington Road in Glendale from two lanes to four lanes. During construction, WisDOT will work to keep two lanes open in each direction - similar to existing conditions.

The I-43 North-South Freeway project stretches from Silver Spring Drive up to WIS 60, spanning 14 miles in Milwaukee and Ozaukee Counties.

Project Information

Residents interested in obtaining more information or monitoring project progress may view WisDOT's project website at: Wisconsin Department of Transportation I-43 North-South (Silver Spring Dr. to WIS 60), Glendale to Grafton - Milwaukee and Ozaukee counties (wisconsindot.gov) <https://wisconsindot.gov/Pages/projects/by-region/se/43crdr/default.aspx>.

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092-1930
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Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Engineering**

TO: **Public Works Committee**
FROM: **Cole McCraw, Assistant City Engineer**
DATE: **August 10, 2021**
SUBJECT: **2021 Drainage Capital Improvement Program - Administrative Update and Upcoming Prioritization Meeting**

Background

In the past, the Drainage Capital Improvement Program (CIP) prioritization meeting has been held annually in June. The prioritization meeting allows the Public Works Committee and residents to meet and discuss items on the CIP list. Prior to meeting, City staff sends invitations to those with open CIP items to participate in the meeting.

The last prioritization meeting was held in 2019 to prioritize the *Major and Secondary Drainage Way CIP List*. In June 2020, staff requested that the CIP prioritization meeting be delayed and the *Major and Secondary Drainage Way CIP List* remain in effect until in-person meetings could be scheduled. Due to COVID-19 restrictions, in-person meetings were unable to be scheduled until August of this year.

The meeting delay did not, however, prevent items on the list from being completed. Several items on the 2019 CIP list were completed by Public Works and Engineering staff. Staff successfully completed 24 of the 41 total 2019 CIP items, leaving only 17 remaining items to be reprioritized.

Analysis

An intent of this memo is to establish a date to discuss prioritization. With establishment of a meeting date, staff can send invitations to impacted residents. This public meeting was historically scheduled on a separate evening from the Common Council meeting to allow ample time for review and discussion. Alternatively, an earlier meeting time on a Council night could be considered.

To generate the updated CIP list, staff will remove completed items/projects from the existing CIP list. These residents were notified that their project was completed and will be removed from the CIP list.

Additionally, staff recommends removing items with a local basin size. Basin sizes are designated as a major drainage channel, secondary drainage channel, or local drainageway According to the City of Mequon Stormwater Drainage Policy. The 2021 *Major and Secondary Drainage Way CIP List* should only include those items/projects that are designated as a major or secondary drainage channel. These projects will be added to a list of projects for Public Works Highway Division to complete.

In the fall of 2020, the Public Works Committee added a series a culvert replacements to the CIP list per the FreshWater Engineering report for the Prairie View Lane and Lakeshore Drive area. The report indicated area culvert modifications as a high priority for a cost-effective improvement.

At the prioritization meeting, staff will also provide an overview of the top prioritized projects for consideration.

Fiscal Impact

Capital funding is established annually through the fiscal year budget process. The balance in the capital account is approximately $165,000 which should allow for multiple projects or studies to be considered pending confirmation of the prioritization.

Recommendation

Staff recommends that Public Works Committee establish a date for the prioritization meeting. The meeting date should allow sufficient time for staff to send notices to impacted property owners, a minimum of three weeks. As previously indicated, consideration should be given to the timing of the meeting so that interested parties have sufficient time to discuss the projects on the list.

Attachments:
2019 Major and Secondary Drainage Way CIP List (PDF)

2019 Major and Secondary Drainage CIP **Acct #** 410798-730010-10013 8/4/2021

\\client\g$\drainage\drainage policy administration & cip\drainage - cip\2- Major and Secondary Drainage Way CIP List.xlsx

COMPLETE
In conjunction with road program in 2019
Possible Future Road Project
Draft Plan

Plan Provided	Priority Status	Eval. Score	Map #	inquiry #	Project Address		Basin Size	Description/General Solution	Estimated Cost
	1	128	1	2010-13	1415/1426 W	Donges Bay Rd.		work with the Cedar Ridge HOA to establish a water surface elevation of 95	not to exceed $20,000
X	2*					Revere/Prairie View		FreshWater report recommendations at Revere and Prairie View	
	2	127	2	2008-26	11739 N	Shorecliff Ln.		failed county drain tile starting at 11658N Pinehurst -need to replace +/- 400' pipe and install 2 MH's.	$55,000.00
X	3	99	3	2013-8	11628/50 N	Shorecliff Ln.		300' - 12" ADS Pipe into county tile to alleviate flooding	$19,500.00
X	4	126		2018-40	3025 W	Country Club Dr.	loc.	regrade ditch +/- 400' per plan	
X	5	125	4	2010-34	1516 W	Fiesta Ln.	Sec.	water flows over the road during heavy events/install 1000' 18" hdpe in ditch	$100,000.00
	6	120	5	staff		Ranch/Hickory/Chestnut	Maj.	Clear Drainage Easement to help water flow in heavy rain events	$20,000.00
X	7	115		staff	7601 W +/-	Cheverny Dr.	Sec.	icing at intersection. **Draft plan** for re-ditching to south	
X	8	115		staff	12001 N +/-	Wauwatosa Rd.	loc.	**draft plan** to re-ditch at NW corner Freistadt Rd. so curb can drain	
X	9	110		staff	13030 N	Cedarburg Rd.	loc.	regrade ditch - silted in south of driveway - advise owner their culv. Is bad	
X	10	110		staff	11538 N	Oriole Ln.	Sec.	replace 30" cmp. - holes - plan drafted - +/-600' - 30" Hdpe.,	$25000 for materials
	11	100	6	staff	900 W	County Line Rd.	Maj.	Fish Creek Drainage- restore erosion south of Katherine Kearney Carpenter Park	$80,000.00
	12	100		staff	12023 N +/-	Corporate Pkwy.	Maj.	**see 1025 W Glen Oaks Ln**. - west side of x-rd. culverts blocked by sediment and cattails- permit needed	
	13	100		2014-28	1025 W	Glen Oaks Ln.	Maj.	Clean out sediment build-up 5' 10' in front of 4 x-rd. culv. Ends - W & E sides of Corporate Pkwy.- permit needed	
	14	93	7	2013-21	9821 N	Courtland Dr.	loc.	grade swale through sewer easement at west side of property - water at NW corner	$3,000.00
X	15	90	31	2017-22	221 E	Mequon Rd.	loc.	Replace 18 - 48' x-rd. culv. under Mequon Rd. at Lakeview Pl.- 130' pipe -regrade ditches +/- 800' per plan	
	16	90		staff	11548 N	Laguna Dr.	Sec.	install 4 - 15" additional pipes under bike path N of cul de sac	
	17	89		staff	3408 W	Woodsview Ct.	loc.	roads ices up. Install CB onto pipe on north side of road. Locate pipe	
	18	83	14	2015-22	3607 W	Haven Ct.	loc.	grade 4 driveways to drain toward CB's	
X	19	83		2018-47	11633 N	Lake Shore Dr.	loc.	regrade ditch +/- 200' per plan	
	20	82		2018-12	14106 N	Cedarburg Rd.	loc.	replace 8 drwy. Culv.'s and regrade ditch farther east 1000' with road re-paving, per plan - no costs to property owners	
X	21	82	16	2011-39	3419 W	Meadowview Ct.	loc.	Fairway Ln. ditch is eroded - install 350' - 6" tile and backfill	$17,500.00
X	22	82	15	2015-05	4926 W	County Line Rd.	loc.	regrade roadside ditches per plan to drain - 300'	$3,000.00
X	23	81		2018-76	120 E	Highview Dr.	loc.	regrade roadside ditch to 40' to east per plan	
	24	80		staff	13300 N +/-	Cedarburg Rd.	Maj.	muck sediment from east and west inverts	
X	25	79	23	2008-58	4904 W	County Line Rd.	loc.	roadside ditch needs to be regraded 500' +/-	$7,500.00
X	26	79	22	2003-47	9615 N	Cedarburg Rd.	loc.	ditch from W side of drwy. on County Line to 200' W-move ditch 4' north	$3,000.00
X	27	79	21	2015-46	12126 N	Lake Shore Dr.	loc.	regrade roadside ditch per plan to drain - 350'	$3,500.00
X	28	78		2018-22	1641 W	Winslow Dr.	loc.	regrade ditch +/- 80' per plan	
	29	77		staff	5600 W	Reibs Ln.	loc.	ditch from lift sta. W & N 200' to drwy. Culv. - draft plan	
	30	76	28	2011-41	701 W	Mequon Rd.	loc.	move ditch south at road rehab time or enclose ditch 300'	$4,500.00
X	31	76		2018-87	13922 N	Foxtail Ln.	loc.	regrade ditch +/- 225' per plan	
X	32	74		2018-78	1515 W	River Oaks Ln.	loc.	relay drwy. Culv. And regrade and restore ditch 175' per plan	
	33	68			1726 W	River Oaks Ln.	loc.	~~regrade ditch per plan along Shoreland Dr.~~ - prop. Owner to enclose	
X	34	67		2018-25	1309 W	Liebau Rd.	loc.	regrade ditch +/- 400' per plan	
X	35	65		2018-73	2815 W	Ranch Rd.	Sec.	regrade rip-rap east of driveway slightly to drain better	
X	36	62		2018-33	12601 N +/-	River Rd.	loc.	regrade ditch 200' per plan	
X	37	60		2018-17	5307 W	Hillcrest Dr.	loc.	install 200' +/- 12" hdpe. With road paving - move to south as far as possible	
X	38	58	38	2003-46	7247 W	Highland Ridge Dr.	loc.	regrade west roadside ditch to drain road at entrance restore all bad areas approximately 250'	$3,750.00
X	39	51		2018-37	3628 W	Turnberry Dr.	loc.	rub ditching bucket through ditch per plan to smooth it out and restore	
X	40	49		2018-64	9521 W	Huntington Dr.	loc.	regrade ditch 60' per plan	
X	41	49		2018-53	2519 W	Range Line Terrace	loc.	regrade ditch +/- 200' per plan	

**added to CIP list November 10, 2020*

Attachment: 2019 Major and Secondary Drainage Way CIP List (6500 : 2021 Drainage CIP)

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Engineering**

TO: **Public Works Committee**
FROM: **Kristen Lundeen, Director of Public Works/City Engineer**
DATE: **August 10, 2021**
SUBJECT: **Enhanced Fence on Mequon Road Bridge Over the Milwaukee River**

At the July Public Works meeting, the Committee requested that Staff contact WisDOT to inquire about options for safer pedestrian railings on the Mequon Road bridge over the Milwaukee River. Subsequently Staff received the following from WisDOT staff:

> There is a proposed resurfacing project on Mequon Road in FY 2028, that will be potentially placing a concrete overlay on the bridge. If the fence load would not add excess load to the bridge, WisDOT could include the work for this fence in the project scope, at the cost of the City, as an option.
>
> The City of Mequon would be required to maintain and fully fund the project for an additional chain-link fence. This would also require going through the permitting process to perform work on WisDOT structures. The additional fence would need to be approved by Maintenance and Bureau of Structures.
>
> The Bureau of Structures would consider the addition of a chain link fence mounted to the back face of the existing parapet. The existing steel H-rail needs to remain for the crash worthiness of the parapet. Please note B-45-3 has very large overhang sidewalks and the additional weight of a chain link fence may not be possible structurally.
>
> If the City would like to move forward with the request, it must submit the proposed design for the additional fence. This should be designed by a professional engineer as to ensure the overhang additional weight was considered in the design. When the design is approved, WisDOT can start the permitting process for the bridge.
>
> If the City would like to wait for the project in FY 2028, WisDOT would consider the option for Non-Participating that the crews could do the work but the city would still pay for it. Again, the maintenance of the fence will be the responsibility of the City after it is constructed.

City of Mequon

11333 N. Cedarburg Road
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www.ci.mequon.wi.us **Office of Engineering**

TO: **Public Works Committee**
FROM: **Kristen Lundeen, Director of Public Works/City Engineer**
DATE: **August 10, 2021**
SUBJECT: **No Engine Braking Signs on Mequon Rd**

Background

At the June Public Works meeting, the Committee requested that Staff pursue the installation of No Engine Braking signs on Mequon Road, specifically near Homestead High School.

Analysis

Staff contacted the Wisconsin Department of Transportation with the request, who responded with the following:

> Attached is the statewide policy regarding a permit WisDOT can issue to install them at the border as you enter Mequon if you are interested in pursuing that. Mequon would need to send me a letter of request along with a map showing the borders of Mequon and then I can issue a permit to the City.
>
> A sign is not needed to enforce engine braking. The statutes already cover it. Just like seat belts. Law enforcement does not need a sign to enforce the seat belt law.
>
> Statute:
> 347.39 Mufflers.
> 347.39(1)(1) No person shall operate on a highway any motor vehicle subject to registration unless such motor vehicle is equipped with an adequate muffler in constant operation and properly maintained to prevent any excessive or unusual noise or annoying smoke. This subsection also applies to motor bicycles.
> 347.39(2) (2) No muffler or exhaust system on any vehicle mentioned in sub. (1) shall be equipped with a cutout, bypass or similar device nor shall there be installed in the exhaust system of any such vehicle any device to ignite exhaust gases so as to produce flame within or without the exhaust system. No person shall modify the exhaust system of any such motor vehicle in a manner which will amplify or increase the noise emitted by the motor of such vehicle above that emitted by the muffler originally installed on the vehicle, and such original muffler shall comply with all the requirements of this section.
> 347.39(3) (3) In this section, “muffler" means a device consisting of a series of chambers of baffle plates or other mechanical design for receiving exhaust gases from an internal combustion engine and which is effective in reducing noise.
> 347.39 History History: 1983 a. 243.
> 347.39 Cross-reference Cross-reference: See also ss. Trans 305.20 and 305.39, Wis. adm. code.

Fiscal Impact

The signs were not specifically budgeted, but will be purchased from the City's Signs/Striping operation account. The purchase will result in fewer installations of street and regulatory signage.

Action Items

Staff will acquire and install the signs according to the terms outlined in the permit. No sign will be installed at the Homestead High School location, as it was specifically denied by WisDOT.

Attachments:
WisDOT Engine Braking Policy (PDF)
City of Mequon engine braking permit STH 57-167 7-28-21 (PDF)

placed after the last at-grade intersection and the R5057B sign (see Figure 2) BEYOND NEXT EXIT *may* be used to supplement the R5-7 sign. The R5-57 sign *should* be placed on all freeway on-ramps after this point.

Figure 1

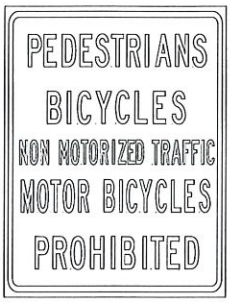


Figure 2



2-2-30 Engine Brake Signing January 2018

PURPOSE

One method of slowing the motion of a vehicle is to use the compression of the engine as part of vehicle braking. This method is often referred to as compression braking or exhaust braking. Engine braking can produce excessive, undesirable noise when muffler systems are not functioning as designed or are otherwise inadequate.

Noise from engine braking in vehicles with inadequate muffler systems has led some communities to take actions to restrict the noise. Compression braking is typically an unavoidable result of operating a vehicle that the driver cannot prevent or fully disengage. However, for some vehicles there are driver choices as to whether or when engine compression braking is used. Objectionable noise levels *may* be produced by any car or truck when using compression braking and often are related to equipment failure or aftermarket modifications.

There are several advantages to compression braking on vehicles and especially on large trucks. In addition to assisting deceleration, when a truck engine brake system is engaged, it helps prevent the conventional truck air brakes from overheating, thus saving on the normal wearing life of the truck air brakes. This is especially true on roadways with steep downgrades with long distances, where the safety of the truck can be enhanced using engine brakes.

Communities have installed or requested signing on state highways to address noise concerns associated with use of compression braking. The Department controls traffic signs on highways maintained by the state. Local governments do not have the authority to erect signs on those highways except when written permission is provided by the Department.

The Department supports efforts to deal with excessive noise from all vehicles and encourages enforcement of laws requiring effective mufflers (for example, State Statute Section 347.39). The use of signs specific to engine or compression braking has become popular among many communities, although it is unclear whether those signs are effective or necessary. Generally, the Department does not allow installation of traffic signs on state highways that have not been shown to be necessary or effective. In the case of engine braking, the Department has chosen to work with communities and allow limited use of these signs on state highways under certain conditions, despite the lack of evidence that they are effective in reducing noise problems.

POLICY

The Department *may* permit local governments to place signs on highways under WisDOT jurisdiction subject to

Attachment: WisDOT Engine Braking Policy (6479 : No Engine Braking Signs on Mequon Rd)

the requirements included here:

1. Requests for a permit to allow these signs must be in writing to the WisDOT Regional Office and *should* contain the following information
    a. Locations where signs are to be installed, including state highway route number and distance to the nearest public roadway intersection
    b. Sign offset (distance from edge of travel lane) and type of post to be used
    c. Assurance that sign will be free standing (not attached to other signs)
2. The local government **shall** be responsible for supplying, installing, and maintaining the signs in conformance with the permit. The local government **shall** furnish their identification sticker on the sign.
3. The local government must be committed to actively enforce the requirements of the signs with local law enforcement personnel.
4. Only the standard ENGINE BRAKE MUFFLERS REQUIRED sign (R10-64) *may* be used on highways under state maintenance responsibility and those signs *may* be installed only on conventional highways at or near the corporate limits of the community (see Figure 1). This sign **shall not** be used on freeways, expressways, interchange ramps, or site-specific locations on conventional highways.
    a. For freeway locations going through communities, engine brake signs *may* be permitted on conventional state highways after the entry point to the conventional highway from the freeway, provided signs are already approved at the city/village limits.
    b. Engine brake signs *may* be allowed for urbanized townships provided they have the means to enforce it. Documentation **shall** be provided by the local law enforcement indicating that the ordinance will be enforced throughout the township. Urbanized townships are defined by having at least two of the following features:
        i. Urban cross section
        ii. Residential development abutting the highway that meets the definition of "semi urban district" as defined in Wisconsin State Statutes 346.57(1)(b)
        iii. Reduced speed zone
        iv. Qualify for an unincorporated community sign.

    For qualifying urban townships, only 1 sign is allowed in each direction on any given state highway. The signs **shall** be installed at the township limits.
    c. The local government must obtain the approval of the appropriate Regional office for the location of the sign. The sign language **shall** meet the requirements of the WisDOT R10-64 sign plate as described in item 4.
    d. Any other signs related to use of engine braking installed on highways under WisDOT jurisdiction within or for the local government that do not meet the requirements of this policy *should* be replaced by the local government, as opportunities arise (knockdowns, improvement projects or replacement due to age) to comply with this policy.

Figure 2. R10-64 Sign



2-2-35 Littering Signs — September 2000

PURPOSE

The intent of this guideline is to eliminate signs that inform the public about fines for littering since the signs are not necessary for the guidance or warning of traffic.

Signs with the message $500 FINE FOR THROWING LITTER OR TRASH ON HIGHWAYS KEEP WISCONSIN CLEAN (R5-56) have been installed on state highways in the past. The purpose of these signs was to discourage littering and to reinforce to motorists the maximum statutory fine for littering on highways. While littering has the potential to create safety hazards as well as diminishing the quality of state highways, there is reason to believe that usage of these signs has a minimal effect on curbing littering problems. The State Patrol has mentioned that these signs have little effect on the motoring public, the law is very difficult to enforce, and citations have very rarely been given out. The State Patrol does not object to removing these signs. Due to

Attachment: WisDOT Engine Braking Policy (6479 : No Engine Braking Signs on Mequon Rd)

Division of Transportation
System Development
Southeast Regional Office
141 N.W. Barstow Street
P.O. Box 798
Waukesha, WI 53187-0798

Governor Tony Evers
Secretary Craig Thompson
wisconsindot.gov
Telephone: (262) 548-5903
FAX: (262) 548-5662
Email: waukesha.dtd@dot.wi.gov

July 28, 2021

City of Mequon
11333 N. Cedarburg Rd 60W
Mequon, Wisconsin 53092-1930

Attn: Tim Weyker, Deputy Director of Public Works

RE: **Signing Permit:** No Engine Braking
City of Mequon
Ozaukee County

Dear Mr. Weyker:

Reference is made to your letter of July 28, 2021attached subject as above with request for permit for engine braking signs at the borders as you enter City of Mequon.

This letter of response will serve as the **permit to install and maintain NO ENGINE BRAKING signing** at the locations shown below as you enter the City of Mequon per the parameters indicated and drawing attached. Please place the signs where shown on the attached and as described below. **DO NOT PLACE ON EXISTING WisDOT POSTS.**

A. **On State Highway 167 Eastbound, 400 feet east of Wasaukee Road near the City of Mequon border per attached map (exhibit A). Place sign on right. Use 4 x 6 Wood Posts with holes drilled per state plate A4-11 attached or 2 x 2 tubular steel posts or 4 x 4 wood posts. The mounting height shall be 6' minimum to the bottom of the sign per standard sign plate A4-3 and A4-8 attached with an offset distance as shown on the state plate attached.**

B. **On State Highway 57/167 Westbound, 350 feet west of Port Washington Road (CTH W) in the terrace area between the curb and gutter of Mequon Road and the sidewalk area. Place sign on right. Use 4 x 6 Wood Posts with holes drilled per state plate A4-11 attached or 2 x 2 tubular steel post or 4 x 4 wood posts. The mounting height shall be 7' minimum to the bottom of the sign per standard sign plate A4-3 and A4-8 attached with an offset distance as shown on the state plate attached.**

C. **On STH 57 Northbound at County line Road – replace existing NO ENGINE BRAKING sign with standard R10-64 (ENGINE BRAKING MUFFLERS REQUIRED) sign on existing post.**

Attachment: City of Mequon engine braking permit STH 57-167 7-28-21 (6479 : No Engine Braking Signs on Mequon Rd)

Please contact Jenny Buckett in our WisDOT sign shop coordinator for Ozaukee county at 414-750-2427 to obtain approval for the staked location prior to installing sign.

The signs shall be the WisDOT standard R10-64 (ENGINE BRAKING MUFFLERS REQUIRED) as shown on the enclosed detail sheet. The 36-inch by 36-inch sign is the standard size.

Installation shall be in accordance with the enclosed standard plate A4-3. Mounting height shall be at least 6' 3" (+/- 3") measured from the right edgeline pavement marking for the rural location and 7' 3" (+/- 3") for the urban location.

Signs shall be freestanding and no other signs shall be attached to these posts.

It shall be the responsibility of the local law enforcement personnel to enforce the engine braking restrictions per statutes.

It will be your responsibility to contact Diggers Hotline prior to installation.

If you have any questions, you may contact me at (262) 548-6763.

Sincerely,

Thomas A. Heydel

Thomas A. Heydel, P.E.
SE Region Traffic Signing and Marking Engineer

Enclosures: exhibits and sign plates

N:spo/operations/signing/permits/engine braking signs/City of Mequon engine braking signs 7-28-21

cc: Jenny Buckett

Attachment: City of Mequon engine braking permit STH 57-167 7-28-21 (6479 : No Engine Braking Signs on Mequon Rd)

City of Mequon

11333 N. Cedarburg Rd 60W
Mequon, WI 53092-1930
Phone (262) 236-2913
Fax (262) 238-1580

www.ci.mequon.wi.us

Public Works Department

July 28, 2021

Tom Heydel, MSCE, P.E,
SE Region Traffic and Design Engineer
WISDOT SE Region
141 NW Barstow St
Waukesha, Wisconsin 53187

Tom,

The City of Mequon formally requests the installation of "Engine Brake Mufflers Required" (R10-64) signs on Mequon Road (STH 167 and STH 57).

One location would be on the West corporate limits of the City of Mequon. This sign would be on STH 167 approximately 400' East of Wasaukee Road and be installed in line with existing roadside signs in that area which appears to be approximately 18' south of the edge of the Eastbound travel lane.

Another location would be after the entry point onto Mequon Road from I-43 on the East end of Mequon Road. The State Highway portion of Mequon Road on the East end does not extend past I-43 to the corporate City limits (Lake Michigan). The segment of Mequon Road between I-43 and Port Washington Road is already clustered with signs, so the request is to install this sign West of Port Washington Road. This sign would be on STH 167 / STH 57 approximately 350' West of Port Washington Road (CTH W) in the terrace area between the curb & gutter of Mequon Road and the sidewalk approximately 10' North of the Westbound travel lane.

Denied TAH

A third area requested on Mequon Road is just prior to the descending hill as Westbound traffic starts to slow down for the signals at the intersection of Mequon Road (STH167 and STH 57) and Cedarburg Road (STH 57). This sign would be on STH 167 /STH 57 approximately 350' West of Eastgate Drive in the terrace area between the curb & gutter of Mequon Road and the sidewalk approximately 10' North of the Westbound travel lane.

These signs would be on free standing wood 4" X 4" posts with a City of Mequon identification sticker attached. Along with this request for sign installation, the City would replace the "No Engine Braking" sign currently installed on Cedarburg Road (STH 57) at County Line Road with the standard "Engine Brake Mufflers Required" (R10-64) sign on the same post as shown on the attached picture.

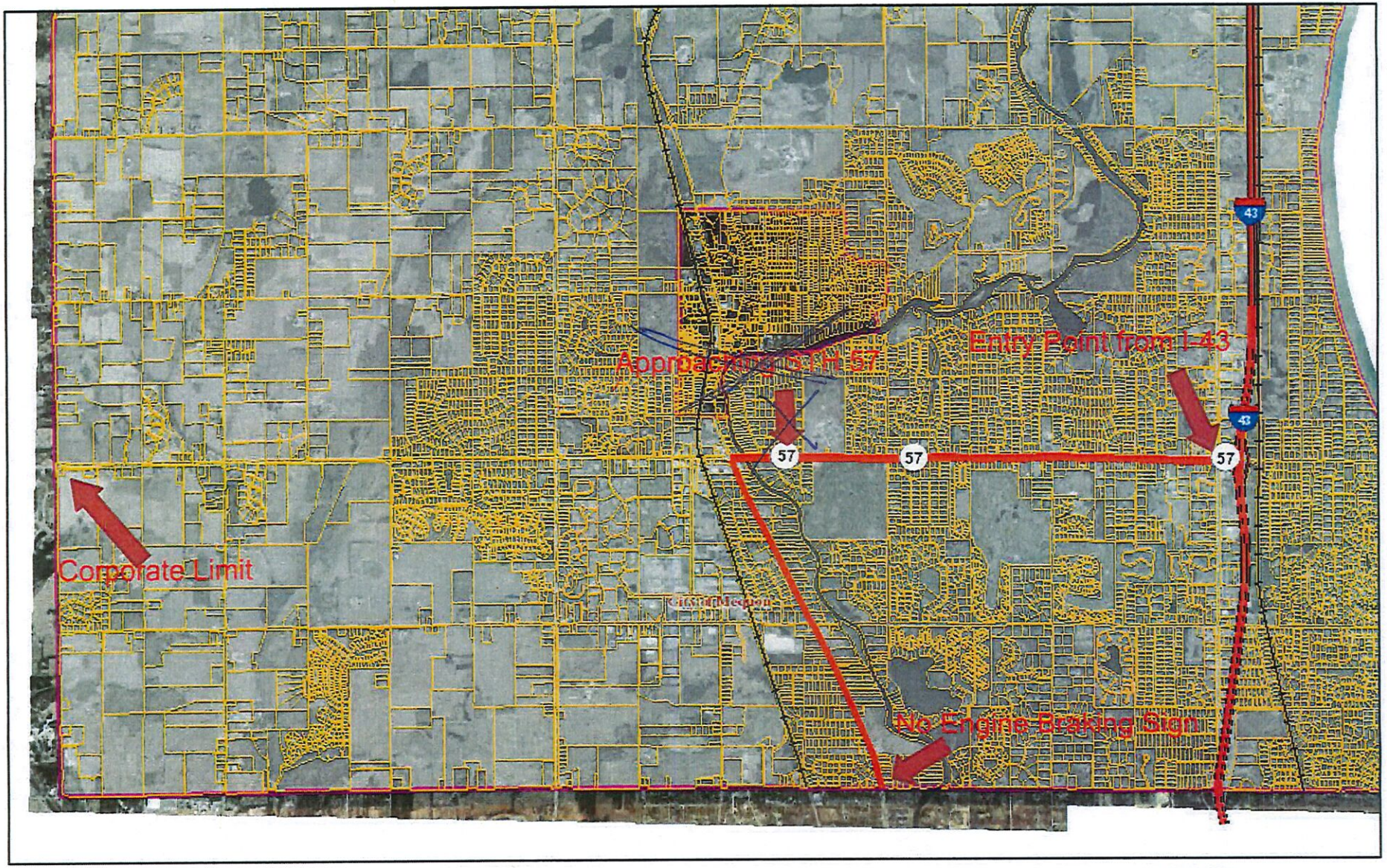
The Mequon Police Department will enforce State Statute Section 347.39 as well as the City of Mequon local ordinance 82-8. On the following page is text from an email to me from the Police Chief concerning this matter.

Respectfully,

Timothy J. Weyker, Deputy Director of Public Works

Attachment: City of Mequon engine braking permit STH 57-167 7-28-21 (6479 : No Engine Braking Signs on Mequon Rd)

City of Mequon



7/28/2021, 9:10:48 AM

1:72,224

0 0.45 0.9 1.8 mi

0 0.5 1 2 km

Civil Divisions: Town, City, Village

Parcels: Road Right-of-Way, Condominium, Road Reservation, Gap, Overlap, Tax Parcel

Highways: US Highway, State Highway

Attachment: City of Mequon engine braking permit STH 57-167 7-28-21 (6479 : No Engine Braking Signs on Mequon Rd)

EXHIBIT A



We always appreciate more signage, as signs at the entries only of a city that is 48 square miles does not always cut it. When officers need to enforce this, reference to a closer sign is very much appreciated.

I had an officer go out and look about a month ago and this is what was stated.

> Officers checked the main trucking corridors entering the City. "No Engine Braking" signage was located the intersections of: County Line/Granville (N/B), County LIne/Wauwatosa Rd (N/B), County Line/Cedarburg (N/B), Pioneer/Granville (S/B), and Wasaukee/Freistadt (E/B). No signage was located in the Mequon Road/Port Washington Rd/I-43 corridor, as well as on Mequon Rd E/B from Wasaukee Rd. Compression braking is prohibited by City Ordinance 82-8. The addition of more signage on major thoroughfares, stating same, would be advantageous to enforcement efforts. I definitely feel the addition of more signage will be needed for enforcement efforts. Especially along Mequon Rd in the areas of Wauwatosa Rd and Cedarburg Rd.

Thank you,

Patrick T. Pryor

Patrick T. Pryor
Mequon Police Department
Chief of Police
PPryor@ci.mequon.wi.us
11300 N. Buntrock Ave
Mequon, WI 53092
262-242-3500
262-242-7655

Attachment: City of Mequon engine braking permit STH 57-167 7-28-21 (6479 : No Engine Braking Signs on Mequon Rd)

City of Mequon

11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us **Office of Engineering**

TO: **Public Works Committee**
FROM: **Kristen Lundeen, Director of Public Works/City Engineer**
DATE: **August 10, 2021**
SUBJECT: **2021 Work Plan (8.10.21)**

Attached for the Board's review is a copy of the proposed work plan for 2021.

WisDOT Quarterly Update
In lieu of an update this month, WisDOT staff is appearing at the Common Council meeting to provide an update on the I-43 project. Staff has nothing further to report on the Wauwatosa Road or Cedarburg Road projects.

OIT Crossing/Mequon Road Corridor
The design consultant is finalizing a memo which summarizes WisDOT's response to the City's request for a modification to the OIT Crossing and Mequon Road corridor. That memo will include a series of decisions that the City must complete prior to moving forward with design and permitting. It is anticipated that that memo will be provided ahead of meeting and that the meeting may be requested ahead of the September Common Council meeting.

Attachments:
2021 Work Plan (8.10.21) (PDF)

Public Works Committee
2021 Work Plan (August 10, 2021)

Month	Agenda Topics
August	• Approval of a Transfer of Funds in the Amount of $228,715 for, and the Purchase of, a John Deere 624P Loader from Brooks Tractor, Milwaukee, Wisconsin for $232,043 and Plow & Wing Attachments from Universal Truck Equipment, Inc., Galesville, Wisconsin for $35,947 for a Total Cost of $267,990 • Granting an Easement to WE Energies to Install New Electrical Cables at the City's Combined Department of Public Works Facility at 10800 North Industrial Drive • Approval of a State/Municipal Maintenance Agreement (SMMA) and Three State/Municipal Financial Agreements (SMFA) for a State-Let Highway Project with the Wisconsin Department of Transportation for the County Line Road and Mequon Road Interchanges • 2021 Drainage Capital Improvement Program - Administrative Update and Upcoming Prioritization Meeting • No Engine Braking Signs on Mequon Rd • WisDOT Response to Request for Enhanced Railings on Mequon Road Bridge

Future Agenda Topics

- Review of Standard Specifications for Land Development, for update and specifically as it relates to regulations of berms
- Sidewalks on Wauwatosa Road
- Prioritization of Drainage CIP
- Review/reprioritization of Shorecliff drain tile CIP project
- Hawthorne Road
- Prioritization of culvert replacement associated with the Prairie View Lane drainage study
- EAB Update
- WisDOT Update (quarterly)
- Sidewalk Snow Removal Policy
- Policy language for structures (i.e. Little Free Library) within the building setback
- Quarterly update on OIT Crossing/Mequon Road Corridor

2021 Completed Items:

- Contract Award for the Demolition of the City Owned Residential Structures at 11236 and 11242 North Cedarburg Road
- Approval of the Lion's Club Special Event Agreement for Lion's Fest at Rotary Park
- Extension of the 2020 Policy for Mequon Community Pool and Parks Operations Due to COVID-19
- Establishment a Template Memorandum of Understanding for Private Water Trusts Operating in the Public Right-of-Way
- Approval of a Special Event Agreement for Annual Gathering on the Green Festivities Held During the Third Week of July in Rotary Park
- Approval of an Annual Special Event Agreement for the Jewish Food Festival in August at Rotary Park
- Award of the Reuter Pavilion Roof and Gutter Replacement Contract to Larson's Building Services of Mequon, Wisconsin in the Amount of $28,660
- Notification to the Wisconsin Department of Transportation (WisDOT) of the City's Intent to Install an Eastbound Turn Lane on Mequon Road at its Intersection with Weston Drive, in Connection with the Ozaukee Inter-Urban Trail Crossing Improvement Project in the Town Center Neighborhood
- 2021 Road Program Contract Authorization
- Authorization of City Staff to Exceed the Public Works Equipment Replacement Capital Account Balance by $225,000 During 2021 for the Purchase of a New Loader Vehicle with Snowplow and Wing Attachments
- Approval of the Purchase of a 2016 Dynapac CP142 9-Wheel Rubber Tire Roller from Centex Equipment Sales of Early, Texas for a Total Cost of $39,000
- Award of the 2021 Crack Sealing Contract to Thunder Road of Genesee, Wisconsin in an Amount Not-to-Exceed $181,000
- Award of the 2021 GSB-88 Bituminous Seal Contract to Fahrner Asphalt Sealers, of Waunakee, Wisconsin, in an Amount Not-to-Exceed $188,000
- Awarding of the 2021 Road Improvements Contract to Payne & Dolan of Jackson, Wisconsin, in the Amount of $1,047,750
- Award of the Rotary Park Parking Lot Improvements Contract to Stark Pavement of Brookfield, Wisconsin in the Amount of $487,000
- Authorization for the Execution of an Agreement with WE Energies for the Replacement of Street Lights in Phase I of the Mequon Business Park at a Cost of $275,000

Attachment: 2021 Work Plan (8.10.21) (6480 : 2021 Work Plan (8.10.21))

- Repeal of the 2021 Policy for Mequon Community Pool and Parks Operations Due to COVID-19 and Establishment of the Mequon Community Pool and Parks Standard Operating Procedures Due to COVID-19
- Authorization of the Execution of an Amended State Municipal Agreement with the Wisconsin Department of Transportation for Design and Construction of the Highland Road Interchange and Subsequent Authorization for Execution of an Amendment to the Intergovernmental Agreement with Ozaukee County for the Same
- Approval of a Contract with SMB Landscape Contractors, Thiensville, Wisconsin for Baseball Field Management Services at Rennicke and Schmit Fields During the 2021 Season in the Amount of $15,500
- Award of a Three-Year Contract for Median Maintenance to Northern Exposure Landscaping, Inc., of Mequon, Wisconsin at an Annual Cost of $25,000
- Award of a Contract for Ash Tree Removal Services to Wallace Tree and Landscape Inc. of Glendale, Wisconsin in the Amount of $13,750
- Authorization an agreement with the Wisconsin Department of Transportation to purchase for a temporary limited easement at Katherine Kearney Carpenter Park for the I-43 North South Freeway Project.
- Identification of Public Improvement Projects within Tax Increment District No. 3 for Design and Development Prior to April 15, 2023
- Award of a Contract for HVAC Preven Maintenance Services During the Period May 1, 2021 - April 30, 2022 to Dillett Mechanical Services, Waukesha, Wisconsin in the Amount of $21,168
- Approval of the Purchase and Installation of a Replacement Plow Truck and Related Components from Lakeside International, LLC Milwaukee, Wisconsin, Universal Truck Equipment, Galesville, Wisconsin and Olson Trailer & Body, Green Bay, Wisconsin for a Total Cost of $199,433
- Authorization of the City of Mequon's Notice of Intent to We Energies for the Relocation of Overhead
- Policy Discussion Regarding the Regulation of Little Free Libraries
- Approval of the Acquisition of a Drainage Easement and the Award of a Contract to Replace a Failed Storm Sewer Culvert Across the Property at 9731 N. Courtland Drive for a Total Cost of $34,625
- Approval of the Mequon Business Park Street Light Removal Contract to J Miller Electric of Port Washington, Wisconsin in the Amount of $42,000
- Approval of the Rejection of All Bids for the City of Mequon's 2021 Road Improvements Irrigation Removal Contract
- Approval of the Contract for 2021 Cleaning Services at the Public Safety Building to Vanguard Cleaning Systems of SE Wisconsin, Greenfield, Wisconsin for an Estimated Monthly Cost of $2,891 and a One-time Deep Clean cost of $5,964 for a Total Cost not to Exceed $23,310

Attachment: 2021 Work Plan (8.10.21) (6480 : 2021 Work Plan (8.10.21))