

**NOTICE OF PUBLIC MEETING****Public Works Committee/**

Ryan Austin, Chairperson

Sheri Evanson, Secretary

Dennis Polach

Mayor Blaser

Notice is hereby given of a meeting of the Public Works Committee to be held in the **Council Chambers** at City Hall, 444 West Grand Ave, Wisconsin Rapids **5:00 pm on Thursday, September 8th, 2022**. **The public may listen to the meeting by calling 1-312-626-6799 Access code: 826 8210 2913**. The meeting will also be streamed LIVE on the City of Wisconsin Rapids Facebook page. This meeting is also available after its conclusion on the City's Facebook page and Community Media's YouTube page, which can be accessed at www.wr-cm.org. If a member of the public wishes to submit comments to the Public Works Committee regarding an agenda item and does not wish to be present in person, please contact Committee chair Ryan Austin via email at raustin@wirapids.org before the meeting.

Agenda

1. Call to order
2. Review Engineering & Street Department Monthly Activity Report.
3. Review the traffic study at 13th St S and Peach St and consider modifying the traffic control signage.
4. Review a request to establish a Quiet Zone for train horns on the east side of the city.
5. Review the bid results for the West Riverview Expressway Traffic Signal Improvement project and consider awarding the contract to the low, qualified bidder with scope revisions.
6. Review the 5-year Capital Improvement Plan.
7. Review a preliminary resolution for public work and improvements for Lincoln St between E Riverview Expressway and Peach St proposed for construction in 2024.
8. Review referral list
9. Set Next Meeting Date
10. Adjourn

Ryan Austin, Chairperson

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The City of Wisconsin Rapids provides access to meetings to all citizens. If access to this meeting through video or audio means is not possible due to a disability, notification to the City's IT Manager at 715-421-8288 at least 48 hours prior to the scheduled meeting is encouraged to request accommodations.



ENGINEERING DEPARTMENT
444 West Grand Avenue
Wisconsin Rapids, WI 54495-2780
 Engineering (715) 421-8205 FAX (715) 421-8291

ENGINEERING DEPARTMENT Monthly Activity Report

August 2022

Transportation Utility

- Several calls continue to come in each week with questions on the utility charge and special assessments.

Capital Improvement Planning

- Ongoing meetings are being held every couple weeks to discuss the CIP database and procedures.

Permits & Degradation

- 41 Permits/Applications (36 in July) for asphalt paving (5), driveway grades/concrete pour inspections (12), storm water (1), excavating (17), Street Privilege (1), storm connection (0), permit parking (3), banner (0), environmental testing well (0), contractor licenses (2)
 - This year – 226 permits & licenses
- 238 Diggers Locates for Storm Sewer & Sanitary Sewer (220 in July)
 - 7 Emergency locates
- Degradation fees - this year = \$74,890.44
 - This month = \$11,390.40 (3,254.40 in July)

Traffic

- Vision Triangle Complaints
 - 4th Ave N and W Grand Ave – Southbound left – review is complete. The westerly most parking stall on the north side of W Grand Ave closest to 4th Ave will be removed to allow better visibility and increase the safety of motorists attempting to see traffic coming from the east.
 - A vision issue was noted at the SW corner of Peach St and 20th St S due to vegetation in the vision triangle. A letter was sent to the property owner on 8/29/22 and the vision triangle was marked.
- Stop Sign / Yield Sign Requests
 - 13th St & Peach St – 4/22 – Review is complete.
 - 2nd St S and Davis Ave – 4/28/22
 - 11th & Apple St, 11th & Peach St, 10th St & Peach St – 5/24/22
 - Review is complete
 - 14th Ave N and McKinley St – review is complete.



ENGINEERING DEPARTMENT

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- ITS Standalone Signal Grant
 - One bid was received. Due to the high costs scope modifications are being proposed to continue moving forward with the safety improvement project within the grant amount.
 - The revised plans are out for bids and will be opened August 10th at 10AM.
- Signal complaints
 - 8th St & Pepper Ave – vehicle detection issue on left turn arrow. - 5/24/22
 - No equipment defects have been identified. Gridsmart updated the software to fix the problem.
 - Lincoln St & Expressway – vehicle detection issue on left turn arrow. - 5/24/22
 - No equipment defects have been identified. Gridsmart updated the software to fix the problem.
 - Nov. 2021 - Griffith and 8th St queuing. No issues or complaints have been received. The improvement installed last fall are working adequately.

Project Designs/Construction underway:

Maintenance Projects

- Sidewalk Concrete Cutting (Safe Step) – Work is complete.
- Sidewalk and Curb & Gutter Maintenance – Joslin Concrete will be performing another round of sidewalk replacements yet this fall.

2022 Reconstruction Projects

- Construction for 2022 Projects
 - DOA/Lyon Park Levee – Lyon Park work is anticipated to begin in September
- 2022 Contracts
 - Sewer Lining Contract (contract awarded to Visu Sewer) – the work is complete; however, there are two items that they will come back for:
 - A spot liner on 19th St in October
 - A more recent lining need on Chestnut St in September
 - Crushing Contract – complete
 - Asphalt Contract – American Asphalt has completed paving work on Smith St, Cherry St, DOA parking lot for the Levee Project, 14th Ave S, Kuhn Ave, Rosecrans St, Fremont St and some miscellaneous patch locations.
 - Concrete Contract – SD Ellenbecker is currently working in the East Riverview Expressway at Lincoln St. They just completed warranty work from last year's projects and are scheduled for curb and gutter on 9th Ave on 9/8.



ENGINEERING DEPARTMENT
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2023 Reconstruction Projects

- Preliminary Survey for 2023/2024 Projects
 - Oak St (E Jackson St to 16th St) – 100%
 - Shorewood Terrance (1st St N to Termini) – 100%
 - Apricot St and Broadway St – 100%
 - 9th St S (Peach St to Chestnut St) – 40%
 - Lincoln St (Expressway to Peach St) – 0% (2024 Project)
- Design for 2023 Projects
 - Oak St (E Jackson St to 16th St) – 65%
 - 9th St S (Peach St to Chestnut St) – 5%
 - Shorewood Terrace (1st St N to Termini) – 75%
 - Apricot St and Broadway St – 85%
 - Lincoln St (Expressway to Peach St) – 0% (2024 Project)

Storm Water Utility

- Soliciting for proposals in August (proposed as a October Public Works Agenda Item) to update the Storm Water Utility database. This work is budgeted in 2022 and is expected to be around \$7500.
- Storm Utility Billing Updates –
- Illicit Discharge and Detection Outfall Testing. We have been unable to secure test kit materials to perform the outfall testing in-house after many months of backorders. We are now looking at labs to perform tests on samples we collect.
- One Mile Cr. – Permits are still being reviewed.

Other Highlights

- Shari Libby is proposed to begin work on 9/6/22 as an engineering technician. Shari has spent the prior 20 years working as an engineering technician in WI.
- Preliminary site reviews were completed for the Dog Park project.
- Downtown River Wall Investigative work. JF Brennan performed a dive inspection along the downtown river wall the week of 8/29/22. A report will be provided in October. Additional efforts are underway to schedule inspections and proposals from building contractors for repairs above the water level.
- Survey and Design are complete for mid-block ped crossing on 32nd St. Material is on order so crosswalk pavement marking and ramps can be installed. Work is being scheduled in September.
- W Jackson St Update
 - Stage 1 is being opened on September 2nd. The final stage of construction on W Grand Ave between the Expressway and 6th Ave begins 9/2/22 with an anticipated completion in late October / early November.

WISCONSIN RAPIDS PUBLIC WORKS DIVISION
PUBLIC WORKS PROJECT UPDATES
August 30, 2022 Update #14

City Engineer:

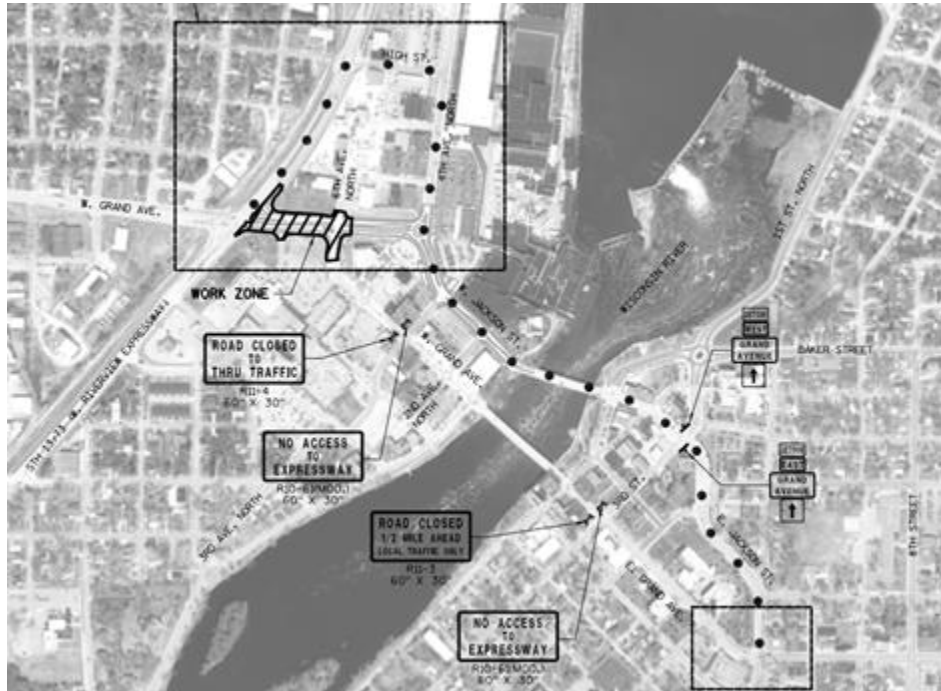
Joe Eichsteadt
Phone (715)-421-8251
Jeichsteadt@wirapids.org



W Jackson St

- **West Jackson St (W Riverview Expressway to Jackson St Bridge)**

- W Jackson St between the bridge and 4th Ave is set to open on Friday, 9/2/22. The Jackson St Bridge will be re-opened as well.
- Once W Jackson St is reopened W Grand Ave will be closed between W Riverview Expy and 6th Ave. as shown below.



- Anticipated completion is the end of October / early November
- Traffic will be detoured onto High St and 4th Ave N and back onto W Jackson St.
- Stage 2 Closure will affect one YMCA entrance along W Grand Ave. The other two primary entrances will be open for vehicle traffic. One along the W Riverview Expressway and the other is along W Grand Ave near 4th Ave N.
- A portion of Stage 2 work will require temporary traffic signals to be installed along the W Riverview Expressway at W Grand Ave and at some point during the work a single lane closure will be required along the W Riverview Expressway to accommodate the work near the intersection.

- **Fremont St (13th Ave to 14th Ave)**

- Asphalt pavement was installed

- **9th Ave N (W Grand Ave to Fremont St)**

- Work began Tuesday, July 19th at W Grand Ave and 9th Ave N.
- Curb and gutter is scheduled for Thursday and Friday, Sept 1 and 2.

- The last stretch of 9th Ave between High St and Fremont St will be completed after Fremont St work.
- **Fremont St (7th Ave to 10th Ave)**
 - Sanitary and water main work is ongoing between 7th Ave N and 8th Ave N.
- **Lyon Park Flood Levee Project**
 - Work at the DOT is complete.
 - Additional levee work will proceed further north in Lyon Park later in the construction season.

For more information please follow these links

Project Information, plans, schedule, street closure notifications - <https://www.wirapids.org/construction-projects.html>



Public Works Committee

Date of Request: 8/30/2022

Requestor: Dennis Polach (compiled by Joe Eichsteadt)

Request/Referral: Request from Polach to change traffic control at the intersection of Peach St and 13th St S.

Background information: See attached traffic study.

Options available: 1) do nothing, 2) install yield signs, 3) install stop signs

Action you are requesting the committee take: Change the signage from uncontrolled to either yield or stop control.

How will the item be financed?

Peach Street and 13th Street South Intersection Study

Background

Location

The intersection of Peach St and 13th St S is an uncontrolled intersection of two local roads. The speed limit on both streets is 25 mph. The primary concern raised about this intersection is drivers failing to yield and causing accidents. A traffic study has been conducted to address these concerns.

Accidents

There have been no preventable accidents at the intersection in the last ten years.

Study

Method

The traffic data for this study was collected using both an automatic traffic counting device and in-person observation. A traffic counting device was installed at the intersection and collected data over a period of two weeks.

Observation

The intersection was examined for line-of-sight obstructions within the vision triangle. Vision triangles are areas in the corners of intersections where objects could obstruct a driver's view of cross traffic. In these areas should be kept clear of plants or objects between 2 ½ to 10 feet tall. Because Peach St and 13th St S are both local roads the legs of the vision triangle extend 20 feet out from the intersection on both streets.

One minor vision obstruction was identified at the intersection. In the southwest vision triangle the view of eastbound vehicles on Peach Street is partially obstructed by an evergreen tree.

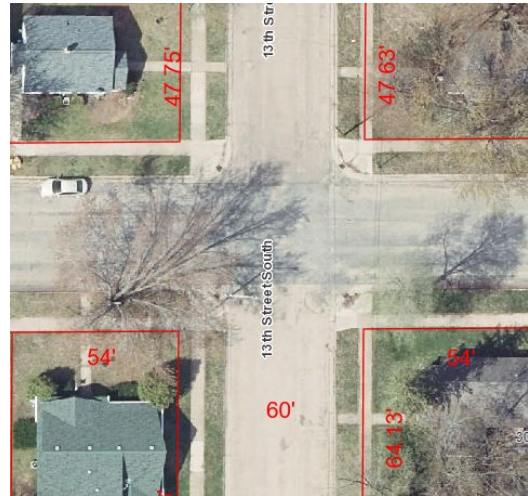


Figure 1 Intersection of Peach St and 13th St S

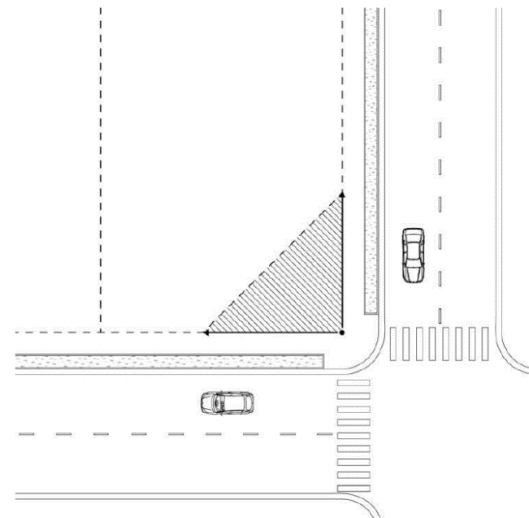


Figure 2 Vision Triangle



Figure 3 13th St NB



Figure 4 Peach St WB



Figure 5 13th St - SB



Figure 6 Peach St - EB

Results

An automatic traffic monitoring device collected data on both vehicle volumes and vehicle speeds. Traffic counts are reported as the number of vehicles per hour averaged over the eight-hour interval with the highest traffic volume for the day. Vehicle speeds are reported as the 85th percentile speed which is the speed the fastest 15% of vehicles exceeded.

Table 1 Traffic Count

Traffic Count (Vehicles Per Day)	
Peach Street	71
13 th Street South	43

Table 2 Traffic Speed

85 th Percentile Speed (mph)	
Peach Street	26
13 th Street South	27

Recommendation

Adding stop signs to an uncontrolled or two-way intersection is often suggested as a way to reduce vehicle speeds and make intersections safer. However, studies have found installing stop signs solves neither of these problems. Overuse of stop signs reduces their effectiveness because drivers tend to speed up between intersections rather than slow down. When drivers believe a stop sign is unnecessary, they are more likely to not come to a complete stop or ignore the sign. This leads to a general disregard for traffic laws. Unwarranted stop signs make intersections more dangerous for pedestrians, especially children, because they expect vehicles to stop but vehicles may ignore the sign. For these reasons stop sign should only be installed at intersection after a traffic study determines they are warranted.

Furthermore, stop signs and yield signs are used to assign right-of way to an intersection and reduce right angle accidents, but can increase other types of accidents such as rear end collisions.

The City of Wisconsin Rapids has adopted a policy to determine when additional traffic signage is necessary (Table 3). This policy is based on the Manual of Uniform Traffic Control Devices (MUTCD), a book of traffic standards created by the Federal Highway Administration, further supplemented by the WisDOT and adopted by the City of Wisconsin Rapids in Chapter 340. Based on these standards and the data collected from the study, no additional signage is recommended for this intersection.

- Traffic volume on the minor road is less than 100 vehicles per hour.
- There are no major obstructions within the vision corner.
- There have been no preventable traffic accidents within a 12-month period.
- Both Streets are classified as local.

Table 3 Wisconsin Rapids' Policy on Installation of Regulatory Signs

		NO CONTROL	YIELD SIGN	STOP SIGN, 2-WAY	STOP SIGN, 4-WAY	TRAFFIC SIGNAL
1	Avg Vol/hr for 8 hour period	< 100 veh/hr	> 100 veh/hr	> 250 veh/hr	300/hr - Major 200/hr - minor 500/hr - both	Meets warrants of the MUTCD
	Volume for 24 hours	< 1000 veh	> 1000 veh	≥ 3000 veh	5000 balanced volumes	
2	Visibility	No obstructions in the vision triangle	Minor obstructions in the vision triangle	vision triangle obstructed	blind intersection	
3	right angle accident in a 12 month period	no accidents	≥ 2	≥ 3	≥ 5	≥ 5
4	Street classification	local/local	local/local, thru/local, collector/local	thru street collector/local, arterial/local	collector/arterial, arterial/arterial	arterial/arterial
5	Other factors			T-intersection		meets pedestrian and school crossing
<p>**Two of five items are required to be considered for increasing the regulatory signage</p> <p>** Other considerations that need to be considered are Section 2B.04 of the MUTCD and Intersection Control pg 654 AASHTO 2004</p>						

No additional signage is recommended.

Uncontrolled Intersection Amongst Controlled Intersections



Figure 1 10th Street and East G Street



Figure 2 12th Street and Wylie Street



Figure 3 2nd Street and Franklin Street



Figure 4 2nd Street and Davis Avenue

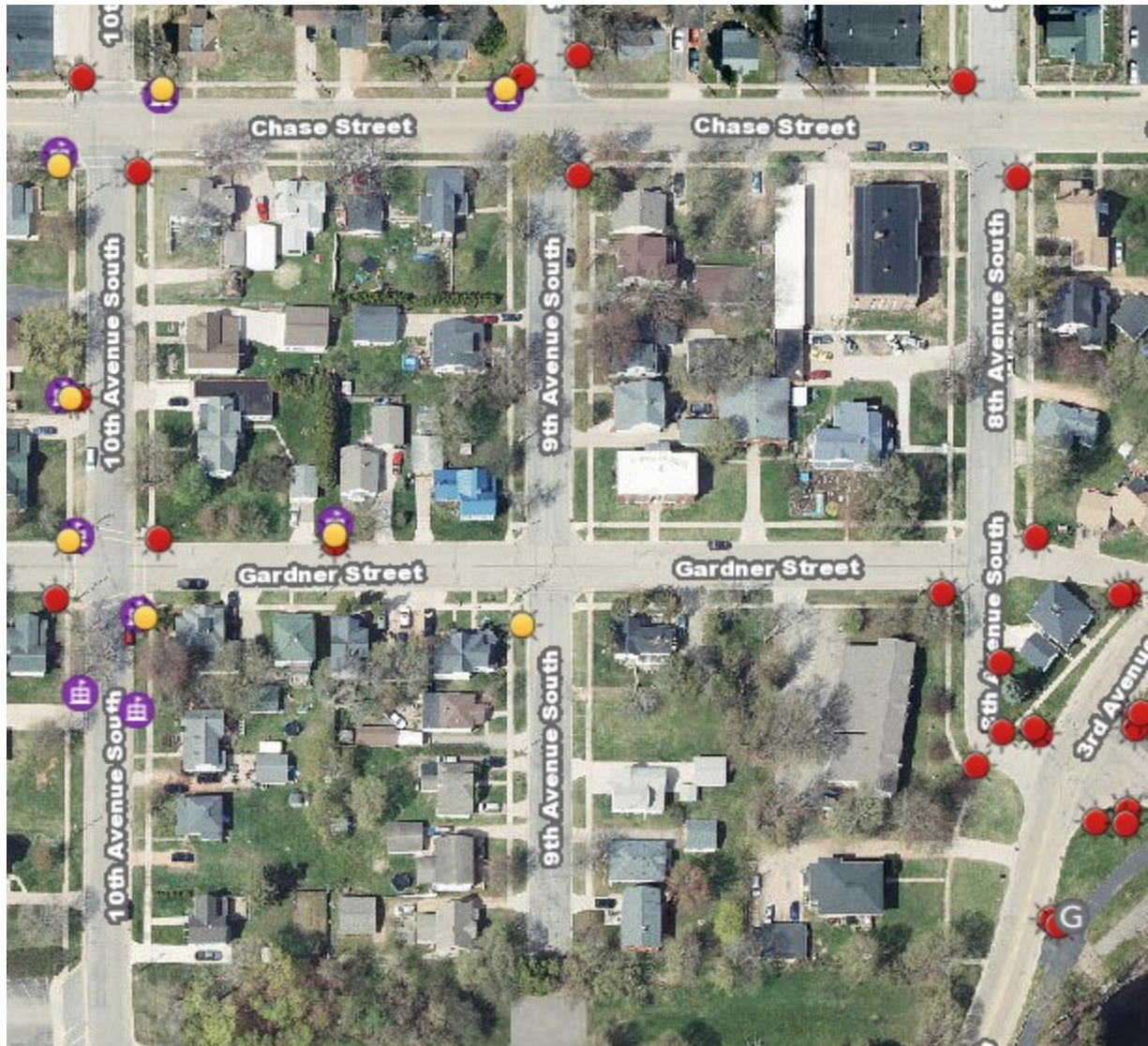


Figure 5 9th Avenue and Gardner Street



Figure 6 15th Street and Cook Avenue

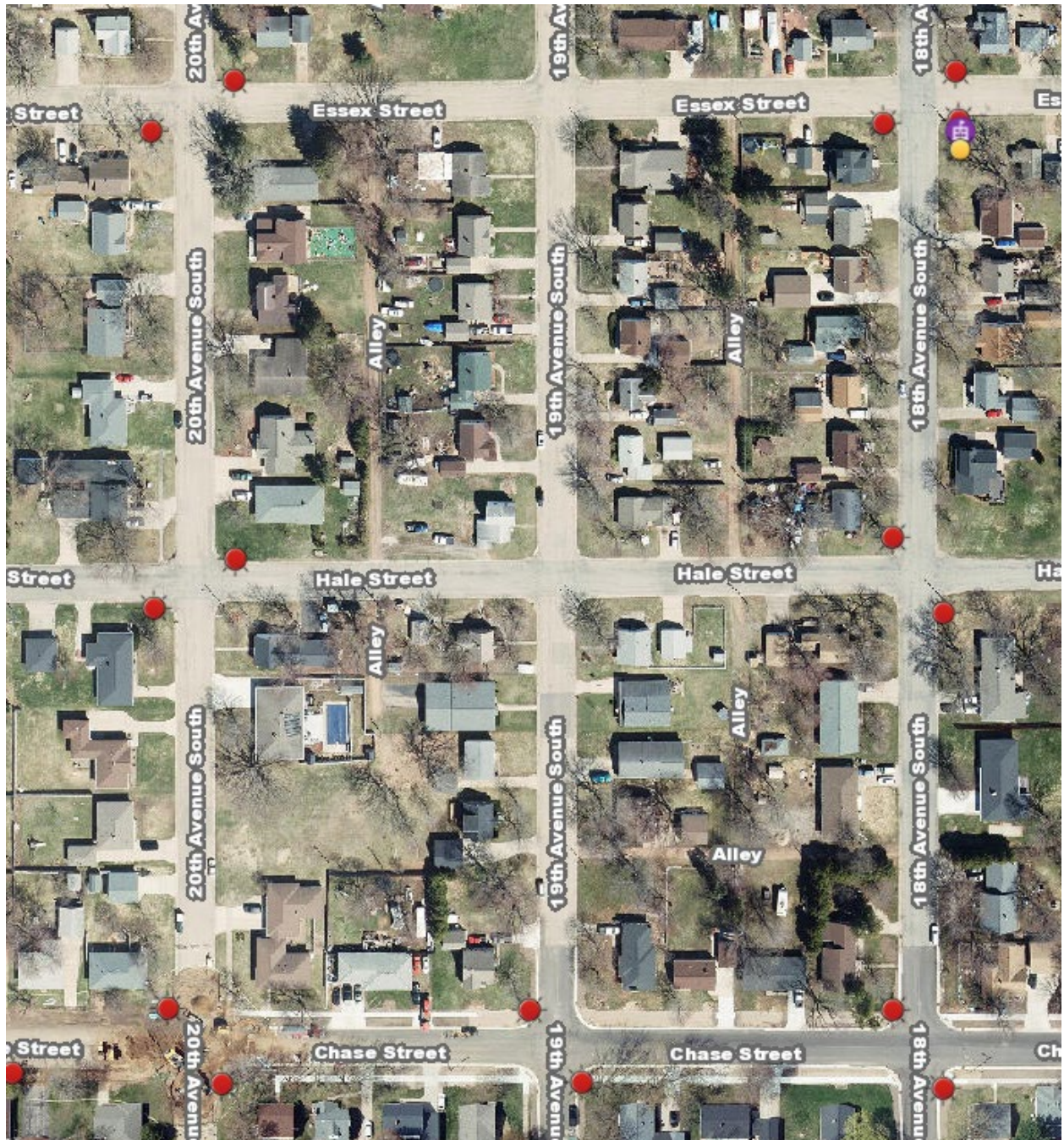


Figure 7 19th Avenue and Hale Street



Figure 8 17th Avenue and High Street



Figure 9 9th Avenue and Van Buren Street



Public Works Committee

Date of Request: 8/25/2022

Requestor: Tom Rayome on behalf of David Piltz 2740 Amundson St (compiled by Joe Eichsteadt, City Engineer)

Request/Referral: Review and consider establishment of a Quiet Zone for trains on the east side of the city.

Background information:

The requirements to establish a Railroad Quiet Zone require that all crossings have flashing lights and gates, the zone length be a minimum of 0.5 miles, and reduce the risk based on either of two scenarios:

- Reduce risk to fully compensate loss of train horn
- Reduce risk to less than the Nationwide Safety Average (determined by FRA annually)

There are several ways to reduce the risk at railroad crossings that will no longer be blowing horns. Such examples are to install medians, channelization, convert to one-way streets, four quadrant gates, grade separation between railroad and street, and close the street either temporarily or permanently.

The required paperwork includes submitting a Notice of Intent to the Federal Railroad Administration (FRA) followed by an application for a Quiet Zone. If the Quiet Zone is approved, safety devices can be installed. The Quiet Zone would go into effect once the Notice of Establishment was submitted.

The Quiet Zones are subject to 3-year or 5-year reviews to make sure that the crossings are still safe without horns. This is due to the many variables that change at individual crossings over time, such as, traffic volumes, train volumes, accident numbers, as well as the Nationwide Safety Average. The safer the crossing is the more permanent the Quiet Zone.

There are 5 crossing on the east side of the river: 1st St N, 26th St N, Kingston Rd, 32nd St, Wolosek Rd.

From 2016 the proposed improvements would be \$700,000+ to meet the safety requirements.

Additionally, the locomotive operator can still blow their horn if they determine it to be necessary.



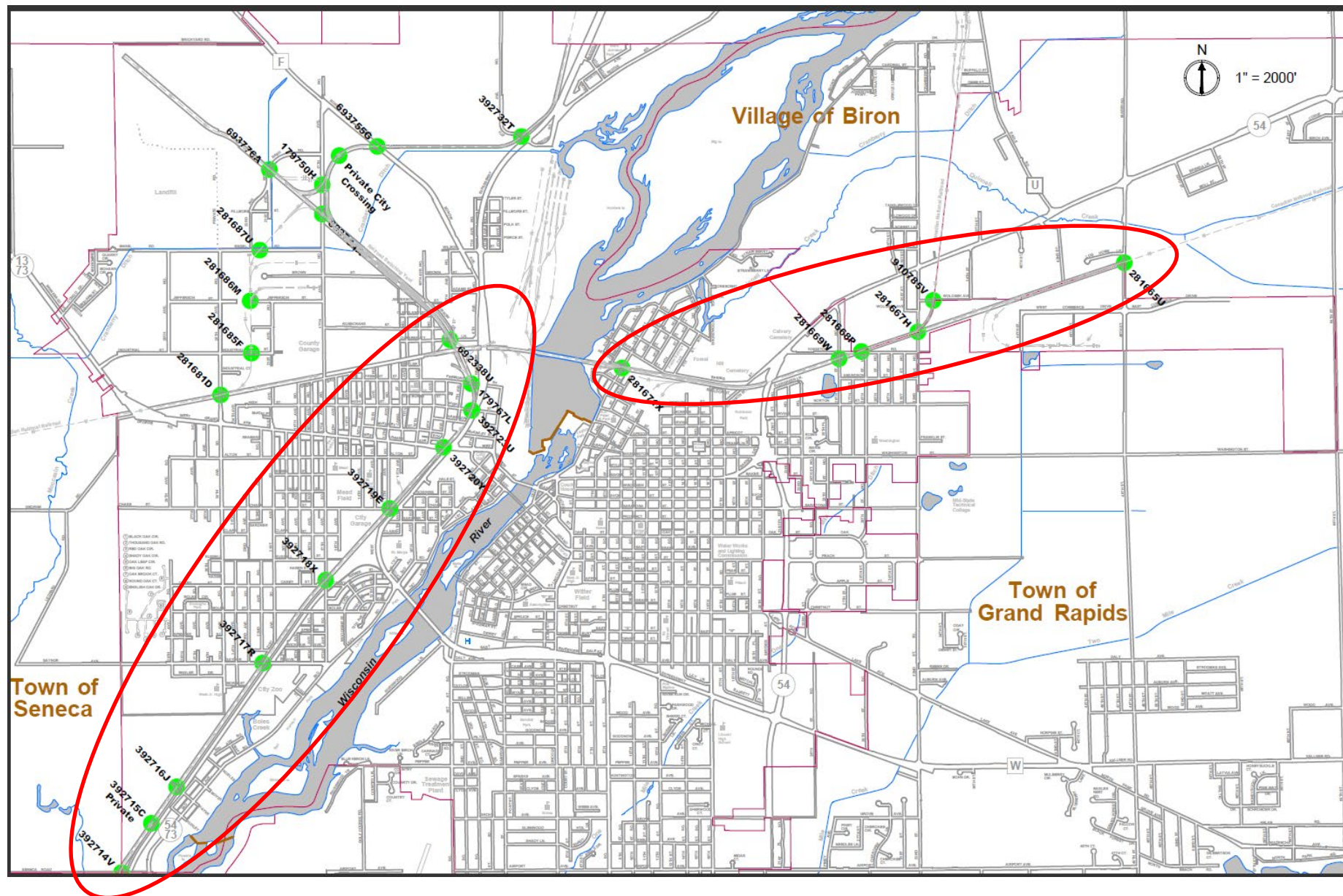
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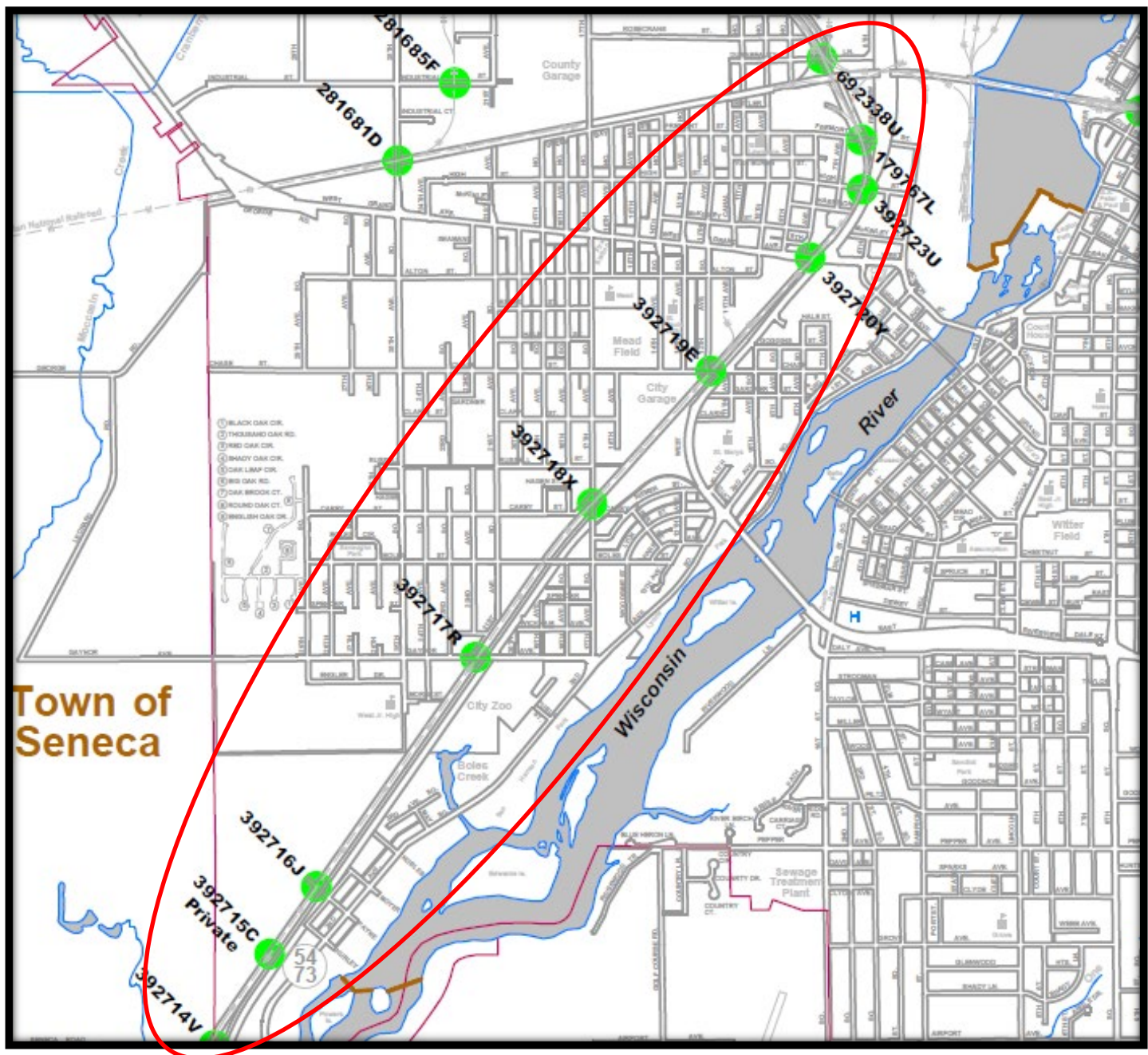
Continue assessing this as a potential project

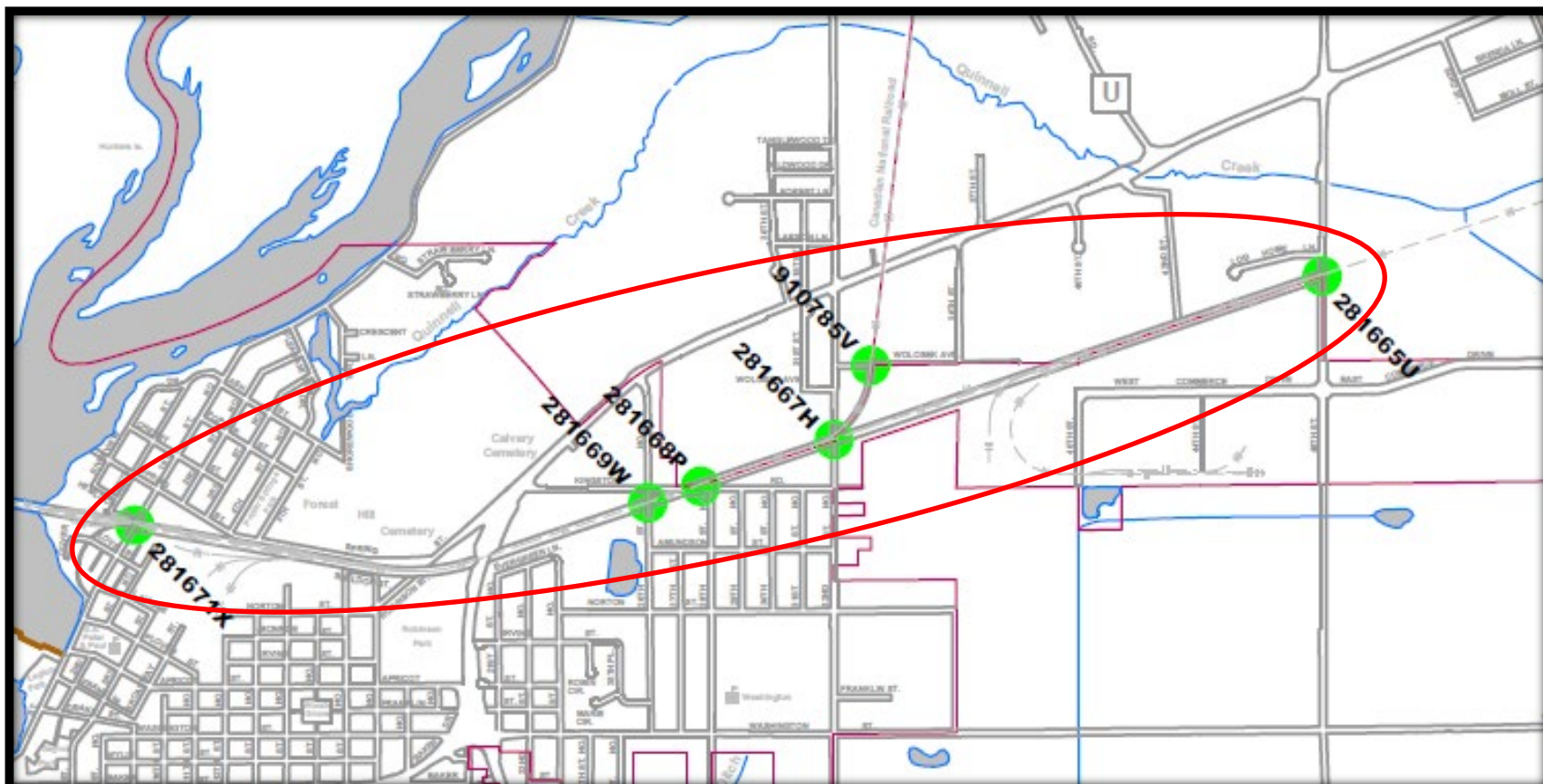
Consider identifying this as a project in the Capital Improvement Plan

Action you are requesting the committee take: TBD

How will the item be financed? TBD







WEST SIDE QUIET ZONE

SENECA RD TO DURABEAUTY LN – 8 CROSSINGS - \$700,000

SENECA - \$150,000
GAYNOR - \$175,000
17TH AVE - \$150,000
HIGH - \$25,000
FREMONT - \$200,000

Cancel

Change Scenario: WEST_SIDE_40464

Continue

Crossing	Street	Traffic	Warning Device	Pre-SSM	SSM	Risk	
179767L	FREMONT ST	20	Gates	0	0	1,633.26	<button>MODIFY</button>
392714V	SENECA RD	3200	Gates	0	0	16,537.01	<button>MODIFY</button>
392717R	GAYNOR AVE	3600	Gates	0	13	3,471.28	<button>MODIFY</button>
392718X	S 17TH AVE	1700	Gates	0	0	11,699.11	<button>MODIFY</button>
392719E	CHASE ST	3800	Gates	0	0	10,648.53	<button>MODIFY</button>
392720Y	GRAND AVE	13300	Gates	0	13	7,577.00	<button>MODIFY</button>
392723U	HIGH ST	2500	Gates	0	13	3,813.09	<button>MODIFY</button>
692338U	DURA BEAUTY LN	620	Gates	0	0	12,325.88	<button>MODIFY</button>

* Only Public At Grade Crossings are listed.

[Click](#) for [Supplementary Safety Measures \[SSM\]](#)

[Click](#) for ASM spreadsheet: **ASM** * Note: The use of ASMs requires an application to and approval from the FRA.

Summary

Proposed Quiet Zone:	WEST SIDE
Type:	New 24-hour QZ
Scenario:	WEST_SIDE_40464
Estimated Total Cost:	\$45,000.00
Nationwide Significant Risk Threshold:	13722 .00
Risk Index with Horns:	9528.67
Quiet Zone Risk Index:	8463.14

Select

EAST SIDE QUIET ZONE

1ST ST N TO WOLOSEK AVE – 5 CROSSINGS - \$600,000

1ST ST N - \$25,000
26TH ST N - \$200,000
KINGSTON - \$150,000
32ND ST - \$25,000
WOLOSEK - \$200,000

Cancel

Change Scenario: EAST_SIDE_40465

Continue

Crossing	Street	Traffic	Warning Device	Pre-SSM	SSM	Risk	
281667H	32ND ST	1700	Gates	0	13	2,461.93	MODIFY
281668P	KINGSTON RD	440	Gates	0	0	4,721.69	MODIFY
281669W	26TH ST	260	Gates	0	0	2,924.50	MODIFY
281671X	1ST ST	3400	Gates	0	13	1,066.28	MODIFY
910785Y	WOLOSEK AVE	100	Gates	0	0	589.24	MODIFY

* Only Public At Grade Crossings are listed.
Click for [Supplementary Safety Measures \[SSM\]](#)
Click for ASM spreadsheet: [ASM](#) * Note: The use of ASMs requires an application to and approval from the FRA.

Summary

Proposed Quiet Zone:	EAST SIDE
Type:	New 24-hour QZ
Scenario:	EAST_SIDE_40465
Estimated Total Cost:	\$30,000.00
Nationwide Significant Risk Threshold:	13722 .00
Risk Index with Horns:	3102.69
Quiet Zone Risk Index:	2352.73
<div>Select</div>	

Railroad Quiet Zone

Quiet Zone Requirements

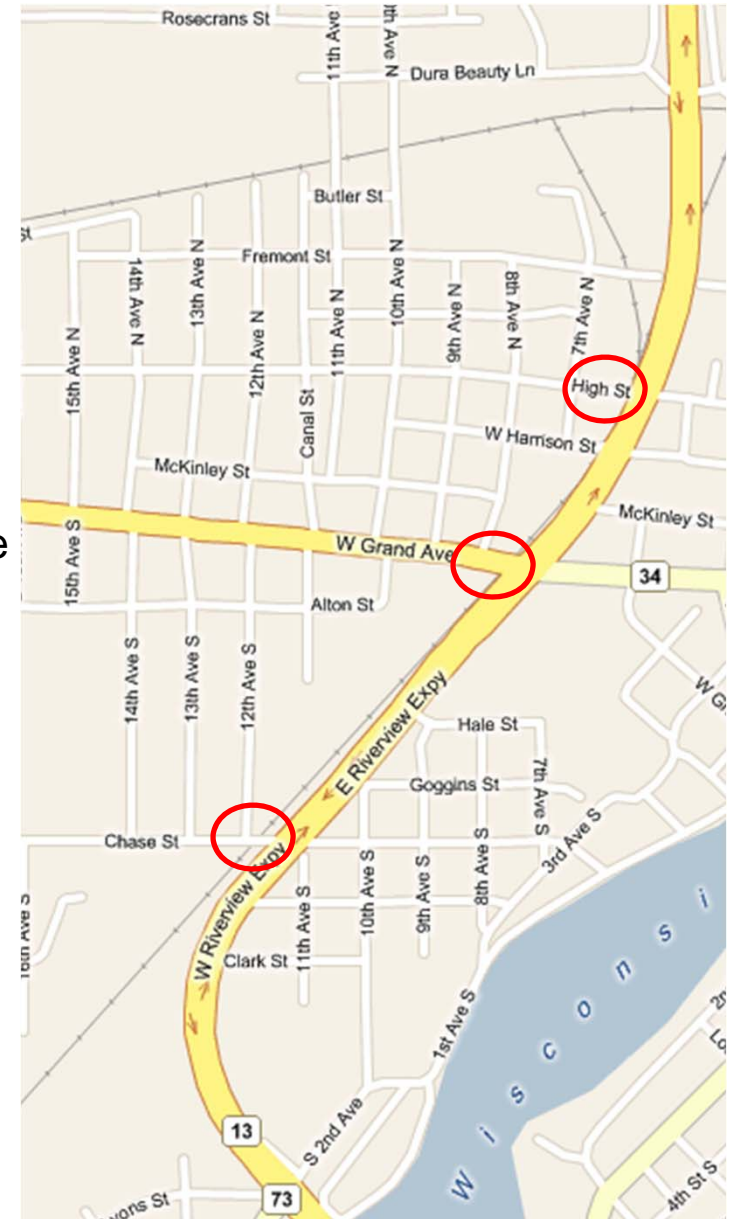
- Flashing Lights & Gates at every crossing
- Minimum of 0.5 miles in length
- Reduce risk to fully compensate loss of train horn

OR

- Reduce the risk to less than the nationwide safety average

Risk

- Quiet Zones are not permanent
 - Nationwide safety average changes annually
 - Traffic volumes change
 - Train volumes change
 - Accidents may increase
 - Etc.
- The more safety measures the permanent the quiet zone



Railroad Quiet Zone

Risk Calculation

- Federal Railroad Administration online calculator
- Preliminary calculations show that additional safety measures are required.

Options to reduce risk

- Temporary or Permanent Closing
- Grade Separation between roadway and railroad (Expensive)
- Four-quadrant gates (Expensive)
- One-way Streets with gates
- Mountable median with channelization
- Non-traversable median (West Grand already has medians)



Four-quadrant Gate

Railroad Quiet Zone

Channelization

- \$13,000 per railroad crossing
 - minimum requirement at High Street to get Quiet Zone, subject to 3 year review
- \$26,000 for both Chase St. and High Street
 - Obtain a larger safety factor, subject to 5 year review
- Snow removal is difficult, material is plastic



Railroad Quiet Zone

Medians

- \$25,000 per railroad crossing
 - Minimum requirement at High Street to get Quiet Zone, subject to 3 year review
- \$50,000 for both Chase St. and High St.
 - Obtain a larger safety factor, subject to 5 year review
- Durable and long lasting



Railroad Quiet Zone

Remaining Steps

1. Prepare Notice of Intent and Submit to the Federal Railroad Administration (60 day comment period)
2. Submit application for Quiet Zone (review of technical data)
3. Upon approval, construct safety device, i.e. median or channelization
4. Submit Notice of Establishment

Additional Requirements

- Either a 3-year review or 5-year review

FRA Contact: Tammy Wagner – FRA Regional Director



Public Works Committee

Date of Request: 9/1/2022

Requestor: Joe Eichsteadt, City Engineer

Request/Referral: Review the bid results for the West Riverview Expressway Traffic Signal Improvement project and consider awarding the contract to the low, qualified bidder.

Background information:

The project was rebid mid-August with one bid from Pember Companies at \$793,617.05. The Engineering Estimate was \$465,285.65. Here is a summary of major cost discrepancies.

					Engineer Estimate		Pember Companies, Inc.		
Line Item No.	Item Code	Item Description	UofM	Quantity	Unit Price	Extension	Unit Price	Extension	
	Base Bid								
59	SPV.0060.09	NEMA TS-2 Type 2 Traffic Signal Control Cabinet and Controller	EA	3	\$23,000.00	\$69,000.00	\$44,000.00	\$132,000.00	(\$63,000.00)
48	661.02	Temporary Traffic Signals	LS	1	\$50,000.00	\$50,000.00	\$110,000.00	\$110,000.00	(\$60,000.00)
2	N/A	Traffic Control	LS	1	\$10,000.00	\$10,000.00	\$52,000.00	\$52,000.00	(\$42,000.00)
1	N/A	Mobilization, Bonds, and Insurance	LS	1	\$25,000.00	\$25,000.00	\$63,825.00	\$63,825.00	(\$38,825.00)
60	SPV.0060.10	Railroad Preemption System Interface	EA	3	\$3,000.00	\$9,000.00	\$13,200.00	\$39,600.00	(\$30,600.00)
52	SPV.0060.02	Remove, Salvage and Reinstall Traffic Signal Equipment (W Riverview Expy & W Grand Ave)	EA	1	\$4,000.00	\$4,000.00	\$20,550.00	\$20,550.00	(\$16,550.00)
51	SPV.0060.01	Remove, Salvage and Reinstall Traffic Signal Equipment (W Riverview Expy & High St)	EA	1	\$500.00	\$500.00	\$15,600.00	\$15,600.00	(\$15,100.00)
62	SPV.0060.12	Video Vehicle Tracking and Detection System (W Riverview Expy & High St)	EA	1	\$31,000.00	\$31,000.00	\$45,000.00	\$45,000.00	(\$14,000.00)
64	SPV.0060.14	Video Vehicle Tracking and Detection System (W Riverview Expy & Chase St)	EA	1	\$31,000.00	\$31,000.00	\$45,000.00	\$45,000.00	(\$14,000.00)

From the June Public Works Meeting

January 2022 – MSA & CBS Squared firms were selected to design the signal improvements along the Expressway at Chase St, Grand Ave and High St.

The DOT Grant is funding ~\$535,000 at a 90/10 split for the upgrade of the traffic signals along the Expressway at Chase St, W Grand Ave and High St.

The engineering fees are \$71,355.

The project design is complete and has been out for bid for several weeks. Bid results are due June 17th.

Results will be reviewed ahead of the meeting and a staff recommendation will be provided at the meeting along with a summary of the bid results.



Options available: Given the single bid and high price tag we worked through options available to us.

1. Award to the low, qualified bidder. This would require the City funding the difference.
2. Deny bids and consider reapplying and rebidding in the future. This would forego the safety improvements to the users of the roadway system.
3. Award the project based to the low, qualified bidder contingent upon a modified scope.
 - a. The modified scope allows the City to still pursue the safety project, albeit in a smaller version. It also maximizes the grant amount.
 - b. Modified Scope removes the improvements at Chase St and High St and focusing solely on W Grand Ave. With this change it is expected to reduce the contract cost of the project to be around \$465,000 which is back in-line with the expected budget and grant amounts.
 - c. DOT approves of the modified scope and will allow the City to reapply for the improvements at the other two intersections.
 - d. We are verifying with Pember Co. how the modified scope affects their unit prices and if they would agree to a change order to reduce the scope of the project. The exact numbers may be available at the 9/8/22 meeting. If not, we will include the change order information at a future meeting.

Action you are requesting the committee take: Award the project to Pember Companies, the low, qualified bidder, contingent upon a reduced scope that only includes improvements at W Grand Ave.

How will the item be financed? The project is financed through the 2022 Traffic Control Budget and 90% of the original grant amount will be reimbursed by the DOT.



Public Works Committee

Date of Request: September 2, 2022

Requestor: Joe Eichsteadt

Request/Referral: Review the proposed 2023-2027 Public Works Construction Capital Improvement Plan.

Background information: The Capital Improvement Plan was last reviewed in September and October of 2021.

Projects are identified based on need of each asset type (street, sanitary, water, storm) and then divided into years based upon mileage of reconstruction. In any given year, the City has capacity to rebuild about 1 mile per year.

Proposed mileage by year (City Construction):

2023 - 1.23 miles
2024 – 1.05 miles
2025 – 1.03 miles
2026 – 1.22 miles
2027 – 1.09 miles

In summary, the draft CIP document for 2023 thru 2027 makes the following adjustments to projects from the current 5-year plan for 2022-2026.

1. McKinley St (8th Ave to 14th Ave) was proposed in 2023, but is proposed to move to 2025
2. 13th Ave N (W Grand Ave to Termini) was proposed in 2024, but is proposed to move to 2025
3. 16th Ave N (W Grand Ave to High St) was proposed in 2024, but is proposed to move to 2026
4. Lincoln St (Chestnut St to E Grand Ave) is proposed in 2024, but is being expanded to include the segment between the Expressway and Chestnut St and adjusted south of E Grand Ave one block to Peach St.
5. West Side interceptor sewer and Gaynor Ave Sewer are proposed for lining/repair/replacement as soon as 2024.
6. Wylie St (8th St N to 10th St N) was added to 2024.
7. 12th St N (Baker St to Franklin St) was proposed in 2025, but is proposed to move to 2027
8. 2nd St N (Spring St to Pleasant View Dr) was proposed in 2025, but is proposed to move to 2026
9. Edgewood Pl (STH 34 to Reddin Rd) was proposed in 2025, but is proposed to move to 2027
10. Lyons St (13th Ave S to Boles St) was proposed in 2025, but is proposed to move to 2026
11. Franklin St (12th St N to 14th St N) was proposed in 2026, but is proposed to move to 2027
12. Riverview Dr (1st St N to Spring St) was proposed in 2026, but is proposed to move to 2027.
13. Baker St (8th St N to 18th St N) is being proposed in 2027.



Options available:

Action you are requesting the committee take: No action is requested at this meeting.
Approval of the 5-year plan will be requested in October.

How will the item be financed? Public Works Construction Fund

DRAFT Public Works Street and Utility Capital Plan			9/2/2022															
Category	Asset	From	To	Approximate Length or quantity	Year installed	Age	Improvement Description	Year	Condition Rating - Pavement:	Date of condition rating	Engineering	Construction Estimate	Funding Source	Percentage	Total	Street Department Build?	Resolution/Approval Date	
Storm Sewer	9th St S	Peach St	Chestnut St	1034	1967	55	Reconstruct	2023			\$ 8,399.00	\$ 79,399.00	Stormwater Utility	100%	\$ 87,798.00	y		
Streets (new/reconstruct)	9th St S	Peach St	Chestnut St	1270	1967	55	Reconstruct	2023	3	2016	\$ 15,001.00	247,733	Public Works Construction Fund	100%	\$ 262,734.00	y		
Wastewater Utility	9th St S	Peach St	Chestnut St	1212	1930	92	Reconstruct	2023			\$ 8,399.00	\$ 177,399.00	Wastewater Utility	100%	\$ 185,798.00	y		
Water Utility	9th St S	Peach St	Chestnut St	2070	1930	92	Reconstruct	2023			\$ 4,201.00	\$ 122,201.00	Water Utility	100%	\$ 126,402.00	y		
Storm Sewer	Apricot St	Broadway St	11th St N	493	1970	52		2023			\$ 3,649.00	\$ 29,149.00	Stormwater Utility	100%	\$ 32,798.00	y	8/17/21	
Streets (new/reconstruct)	Apricot St	Broadway St	11th St N	493	1970	52	Reconstruct	2023	4	2016	\$ 6,976.50	\$ 163,913.50	Public Works Construction Fund	100%	\$ 170,890.00	y	8/17/21	
Storm Sewer	Broadway St	Franklin St	Appricot St	365	1971	51		2023			\$ 3,649.00	\$ 29,149.00	Stormwater Utility	100%	\$ 32,798.00	y	8/17/21	
Streets (new/reconstruct)	Broadway St	Franklin St	Appricot St	365	1971	51	Reconstruct	2023	5	2016	\$ 6,976.50	\$ 163,913.50	Public Works Construction Fund	100%	\$ 170,890.00	y	8/17/21	
Wastewater Utility	Broadway St	Franklin St	Apricot St	225	1971	51	Reconstruct or Line	2023			\$ 3,750.00	\$ 43,750.00	Public Works Construction Fund					
Storm Sewer	Oak St	Jackson St	16th Street	3900	1968	54		2023			\$ 24,030.00	\$ 171,030.00	Stormwater Utility	100%	\$ 195,060.00	y		
Streets (new/reconstruct)	Oak St	Jackson St	16th Street	1700	1968	54	Reconstruct	2023	4	2016	\$ 42,920.00	\$ 816,919.00	Public Works Construction	100%	\$ 859,839.00	y		
Wastewater Utility	Oak St	Jackson St	16th Street	2310	1915	107	Reconstruct - Wastewater Priority	2023			\$ 24,030.00	\$ 296,029.00	Wastewater Utility	100%	\$ 320,059.00	y		
Water Utility	Oak St	Jackson St	16th Street	2310	1915	107	Reconstruct	2023			\$ 12,020.00	\$ 535,020.00	Water Utility	100%	\$ 547,040.00	y		
Storm Sewer	One Mile Creek Structure	Two Mile Ave					Reconstruct	2023			\$ 10,500.00	\$ 330,800.00	Stormwater Utility	100%	\$ 341,300.00	n	2021 Budget	
Wastewater Plant	Phos Removal						New permit may have unattainable P limits	2023			40,000	\$ 400,000.00	Wastewater Utility	100%	\$ 440,000.00			
Water Utility	Raw Water Main							2023				\$ 266,000.00	Water Utility	100%	\$ 266,000.00	n		
Storm Sewer	Shorewood Ter	1st St N	Termini	523	1964	58	Reconstruct	2023			\$ 6,066.00	\$ 97,066.00	Stormwater Utility	100%	\$ 103,132.00	y		
Streets (new/reconstruct)	Shorewood Ter	1st St N	Termini	690	1964	58	Reconstruct	2023	3	2016	\$ 10,834.00	\$ 210,834.00	Public Works Construction Fund	100%	\$ 221,668.00	y		
Wastewater Utility	Shorewood Ter	1st St N	Termini	644	1964	58	Reconstruct	2023			\$ 6,066.00	\$ 84,066.00	Wastewater Utility	100%	\$ 90,132.00	y		
Water Utility	Shorewood Ter	1st St N	Termini	597	1964	58	Reconstruct	2023			\$ 3,034.00	\$ 62,034.00	Water Utility	100%	\$ 65,068.00	y		
Wastewater Plant	Tertiary Filtration						Effluent Filtration to meet new phos limits	2023			25,000	\$ 200,000.00	Wastewater Utility	100%	\$ 225,000.00	y		
Streets (new/reconstruct)	W Riverview Expressway	Chase St	West Grand Ave				Reconstruct	2023				\$ 570,808.00	Public Works Construction Fund			y		
Storm Sewer	14th Av N	W Grand Av	Fremont St	855	1967	55	Reconstruct	2024			\$ 9,405.00	\$ 94,050.00	Stormwater Utility	100%	\$ 103,455.00	y		
Streets (new/reconstruct)	14th Av N	W Grand Av	Fremont St	1450	1967	55	Reconstruct	2024	5	2016	\$ 27,840.00	\$ 278,400.00	Public Works Construction Fund	100%	\$ 306,240.00	y		
Wastewater Utility	14th Av N	W Grand Av	Fremont St	1470	1916	106	Reconstruct	2024			\$ 21,315.00	\$ 213,150.00	Wastewater Utility	100%	\$ 234,465.00	n		
Water Utility	14th Av N	W Grand Av	Fremont St	1470	1916	106	Reconstruct	2024			\$ 11,025.00	\$ 110,250.00	Water Utility	100%	\$ 121,275.00	y		
Storm Sewer	15th Av N	W Grand Av	High St	812			Reconstruct	2024			\$ 8,932.00	\$ 89,320.00	Stormwater Utility	100%	\$ 98,252.00	y		
Streets (new/reconstruct)	15th Av N	W Grand Av	High St	812	1967	55	Reconstruct	2024	5	2016	\$ 16,240.00	\$ 162,400.00	Public Works Construction Fund	100%	\$ 178,640.00	y		
Wastewater Utility	15th Av N	W Grand Av	High St	812			Reconstruct	2024			\$ 11,774.00	\$ 117,740.00	Wastewater Utility	100%	\$ 129,514.00	n		
Water Utility	15th Av N	W Grand Av	High St	734			Reconstruct	2024			\$ 5,505.00	\$ 55,050.00	Water Utility	100%	\$ 60,555.00	y		
Streets (new/reconstruct)	East Jackson St	Jackson St Bridge	East Grand Av	2075	1978	44	Reconstruct	2024	5	2016	\$ 87,742.13	\$ 3,509,685.00	Public Works Construction Fund (20%) WI DOT LRIP (80%)	20%	\$ 719,485.43	n		
Wastewater Utility	East Jackson St	Jackson St Bridge	East Grand Ave	2075	1976	46	Reconstruct or reline	2024			\$ 30,087.50	\$ 300,875.00	Wastewater Utility	100%	\$ 330,962.50	y		
Storm Sewer	Lincoln St	East Grand Ave	E Riverview Expy	685	1968	54	Reconstruct	2024			\$ 7,535.00	\$ 75,350.00	Stormwater Utility	100%	\$ 82,885.00	y		
Streets (new/reconstruct)	Lincoln St	East Grand Ave	E Riverview Expy	2420	1953	69	Reconstruct	2024	4	2016	\$ 13,434.32	\$ 537,372.62	Public Works Construction Fund	100%	\$ 550,806.93	y		
Wastewater Utility	Lincoln St	East Grand Ave	E Riverview Expy	1500	1941	81	Reconstruct	2024			\$ 20,250.00	\$ 202,500.00	Wastewater Utility	100%	\$ 222,750.00	y		
Water Utility	Lincoln St	East Grand Ave	E Riverview Expy	1500	1968	54	Reconstruct	2024			\$ 12,000.00	\$ 120,000.00	Water Utility	100%	\$ 132,000.00	y		
Water Utility	Raw Water Main							2024				\$ 304,000.00	Water Utility	100%	\$ 304,000.00	n		
Storm Sewer	River Wall						Grout repairs on river wall	2024				\$ 730,000.00	Stormwater Utility	100%	\$ 730,000.00	n		
Wastewater Utility	Westside Interceptor	Gaynor Ave	W Jackson St	7600			Line	2024				\$ 1,500,000.00	Wastewater Utility	100%		n		
Wastewater Utility	Gaynor Ave	25th Ave S	18th Ave S	2250			Line	2024				\$ 450,000.00	Wastewater Utility	100%		n		
Wastewater Utility	Wylie St	8th St N	10th St N	500			Reconstruct	2024										
Streets (new/reconstruct)	Wylie St	8th St N	10th St N	675			Reconstruct	2024										
Storm Sewer	Wylie St	8th St N	10th St N	100			Reconstruct	2024										
Water Utility	Wylie St	8th St N	10th St N	675			Reconstruct	2024										
Storm Sewer	McKinley St	8th Av N	14th Av N	580	1939	83	Reconstruct	2025			\$ 5,800.00	\$ 58,000.00	Stormwater Utility	100%	\$ 63,800.00	y		
Wastewater Utility	McKinley St	8th Av N	14th Av N	1700	1939	83	Reconstruct	2025			\$ 24,650.00	\$ 246,500.00	Wastewater Utility	100%	\$ 271,150.00	y		
Water Utility	McKinley St	8th Av N	14th Av N	700	1939	83	Reconstruct	2025			\$ 5,950.00	\$ 59,500.00	Water Utility	100%	\$ 65,450.00	y		

DRAFT Public Works Street and Utility Capital Plan				9/2/2022													
Category	Asset	From	To	Approximate Length or quantity	Year installed	Age	Improvement Description	Year	Condition Rating - Pavement:	Date of condition rating	Engineering	Construction Estimate	Funding Source	Percentage	Total	Street Department Build?	Resolution/Approval Date
Streets (new/reconstruct)	McKinley St	8th Ave N	14th Ave N	2020	1982	40	Reconstruct	2025	8	2016	\$ 6,569.93	\$ 262,797.15	Public Works Construction Fund	100%	\$ 269,367.08	y	
Storm Sewer	13th Av N	W Grand Av	Termini	1687	1967	55	Reconstruct?	2025			\$ 18,557.00	\$ 185,570.00	Stormwater Utility	100%	\$ 204,127.00	y	
Streets (new/reconstruct)	13th Av N	W Grand Av	Termini	1804	1967	55	Reconstruct	2025	3	2016	\$ 34,636.80	\$ 346,368.00	Public Works Construction Fund	100%	\$ 381,004.80	y	
Wastewater Utility	13th Av N	W Grand Av	Termini	2032	1935	87	Reconstruct	2025			\$ 29,464.00	\$ 294,640.00	Wastewater Utility	100%	\$ 324,104.00	n	
Water Utility	13th Av N	W Grand Av	Termini	1367	1935	87	Reconstruct	2025			\$ 10,252.50	\$ 102,525.00	Water Utility	100%	\$ 112,777.50	y	
Storm Sewer	Apricot St	15th St N	17th St N	856	1963	59		2025			\$ 5,136.00	\$ 51,360.00					
Streets (new/reconstruct)	Apricot St	15th St N	17th St N	600	1963	59	Reconstruct	2025	5	2016	\$ 11,520.00	\$ 115,200.00	Public Works Construction Fund	100%	\$ 126,720.00	y	
Wastewater Utility	Apricot St	15th St N	17th St N	600	1939	83	Reconstruct	2025			\$ 8,100.00	\$ 81,000.00	Wastewater Utility	100%	\$ 89,100.00	y	
Streets (new/reconstruct)	Grand Ave Bridge				1992	30	Deck Maintenance	2025	4	2016	\$ 56,430.00	\$ 1,026,000.00	Public Works Construction Fund	20%	\$ 216,486.00	n	
Streets (new/reconstruct)	Harrison Av	7th Av N	9th Av N	867	1976	46	Reconstruct	2025	3	2016	\$ 2,819.87	\$ 112,794.62	Public Works Construction Fund	100%	\$ 115,614.48	y	
Wastewater Utility	Harrison Av	7th Ave N	9th Ave N	350	1922	100	Reconstruct	2025			\$ 4,725.00	\$ 47,250.00	Wastewater Utility	100%	\$ 51,975.00	y	
Water Utility	Raw Water Main							2025				\$ 304,000.00	Water Utility	100%	\$ 304,000.00	n	
Storm Sewer	16th Ave N	W Grand Av	High St	837	1915	107	Reconstruct	2026			\$ 9,207.00	\$ 92,070.00	Stormwater Utility	100%	\$ 101,277.00	y	
Streets (new/reconstruct)	16th Ave N	W Grand Av	High St	780	1960	62	Reconstruct	2026			\$ 10,140.00	\$ 101,400.00	Public Works Construction Fund	100%	\$ 111,540.00	y	
Wastewater Utility	16th Ave N	W Grand Av	High St	780	1915	107	Reconstruct	2026			\$ 11,310.00	\$ 113,100.00	Wastewater Utility	100%	\$ 124,410.00	y	
Water Utility	16th Ave N	W Grand Av	High St	780	1915	107	Reconstruct	2026			\$ 5,850.00	\$ 58,500.00					
Wastewater Utility	16th St S	Peach St	Oak St	680			Reconstruct or Line	2026			\$ 9,520.00	\$ 95,200.00	Wastewater Utility	100%	\$ 104,720.00	y	
Wastewater Plant	2 Mile Lift						Update Station Controls, add screen	2026			\$5,000	\$100,000	Wastewater Collection System Fund/Public Works Construction	100%	\$ 105,000.00		
Wastewater Utility	2nd Ave S	Westside Lift Station	Hurley St	4700			Reconstruct and Line	2026				\$ 950,000.00	Wastewater Utility	100%		n	
Storm Sewer	2nd St N	Spring St	Pleasant View Dr	2091	1953	69	Reconstruct	2026			\$ 25,092.00	\$ 250,920.00	Stormwater Utility	100%	\$ 276,012.00	y	
Streets (new/reconstruct)	2nd St N	Spring St	Pleasant View Dr	2091	1953	69	Reconstruct	2026	5	2016	\$ 40,147.20	\$ 401,472.00	Public Works Construction Fund	100%	\$ 441,619.20	y	
Wastewater Utility	2nd St N	Spring St	Pleasant View Dr	2091	1953	69	Reline?	2026			\$ 28,228.50	\$ 282,285.00	Wastewater Utility	100%	\$ 310,513.50	n	
Water Utility	2nd St N	Spring St	Pleasant View Dr	2091	1929	93	Reconstruct	2026			\$ 15,682.50	\$ 156,825.00	Water Utility	100%	\$ 172,507.50	y	
Water Utility	2nd St S	Birch St	Mead St	650	1923	99	Spot Repairs	2026			\$ 5,200.00	\$ 52,000.00	Water Utility	100%	\$ 57,200.00	y	
Storm Sewer	2nd St S	Birch St	Mead St	1093	1981	41	Reconstruct	2026			\$ 12,897.40	\$ 128,974.00	Stormwater Utility	100%	\$ 141,871.40	y	
Streets (new/reconstruct)	2nd St S	Birch St	Mead St	2200	1981	41	Reconstruct	2026	5	2016	\$ 42,240.00	\$ 422,400.00	Public Works Construction Fund	100%	\$ 464,640.00	y	
Wastewater Utility	2nd St S	Birch St	Mead St	250	1923	99	Spot Repairs	2026			\$ 2,375.00	\$ 23,750.00	Wastewater Utility	100%	\$ 26,125.00	y	
Streets (new/reconstruct)	East Riverview Expressway	Expressway Bridge	8th St S	4386	1980	42	Resurface	2026			\$ 84,211.20	\$ 842,112.00	Public Works Construction Fund	100%	\$ 926,323.20	n	
Streets (new/reconstruct)	Expressway Bridge			1460	1979	43	Reconstruct	2026			\$ 88,000.00	\$ 1,600,000.00	Public Works Construction Fund	5%	\$ 84,400.00	n	
Water Utility	Lyons St	13th Av S	Boles St	1110	1951	71	Reconstruct	2026			\$ 9,990.00	\$ 99,900.00	Water Utility	100%	\$ 109,890.00	y	
Streets (new/reconstruct)	Lyons St	13th Av S	Boles St	1110	1967	55	Reconstruct	2026	5	2016	\$ 21,312.00	\$ 213,120.00	Public Works Construction Fund	100%	\$ 234,432.00	y	
Wastewater Utility	Lyons St	13th Av S	Boles St	1110	1951	71	Reconstruct	2026			\$ 14,985.00	\$ 149,850.00	Wastewater Utility	100%	\$ 164,835.00	y	
Storm Sewer	12th St N	Baker St	Franklin St	801	1968	54	Reconstruct	2027			\$ 9,612.00	\$ 96,120.00	Stormwater Utility	100%	\$ 105,732.00	y	
Streets (new/reconstruct)	12th St N	Baker St	Franklin St	801	1953	69	Reconstruct	2027	5	2016	\$ 15,379.20	\$ 153,792.00	Public Works Construction Fund	100%	\$ 169,171.20	y	

DRAFT Public Works Street and Utility Capital Plan				9/2/2022			<div><div>WISCONSIN</div><div>RAPIDS</div></div>													
Category	Asset	From	To	Approximate Length or quantity	Year installed	Age	Improvement Description	Year	Condition Rating - Pavement:	Date of condition rating	Engineering	Construction Estimate	Funding Source	Percentage	Total	Street Department Build?	Resolution/Approval Date			
Wastewater Utility	12th St N	Baker St	Franklin St	801	1968	54	Reconstruct	2027	Very Poor	2013	\$ 10,813.50	\$ 108,135.00	Wastewater Utility	100%	\$ 118,948.50	y				
Water Utility	12th St N	Baker St	Franklin St	801	1912	110	Reconstruct	2027			\$ 6,007.50	\$ 60,075.00	Water Utility	100%	\$ 66,082.50	y				
Streets (new/reconstruct)	14th St N	Wylie St	Washington St	235	1967	55	Reconstruct/Resurface	2027	4	2016	\$ 764.32	\$ 30,572.94	Parks	100%	\$ 31,337.26	y				
Water Utility	17th Ave N	Engel Rd	Bonow Ave					2027												
Streets (new/reconstruct)	Baker St	8th St N	18th St N	3400	1984	38	Reconstruct	2027	5	2016	\$ 90,100.00	\$ 901,000.00	Public Works Construction Fund	100%	\$ 991,100.00	y				
Storm Sewer	Baker St	8th St N	18th St N	2000	1984	38		2027			\$ 16,000.00	\$ 160,000.00	Stormwater Utility	100%	\$ 176,000.00	y				
Streets (new/reconstruct)	East Riverview Expressway	8th St S	CR W	4618	1980	42	Resurface	2027			\$ 66,961.00	\$ 669,610.00		100%	\$ 736,571.00	n				
Storm Sewer	Edgewood Pl	Reddin Rd	STH 34	891			Reconstruct	2027			\$ 10,692.00	\$ 106,920.00	Stormwater Utility	100%	\$ 117,612.00	y				
Water Utility	Edgewood Pl	Reddin Rd	Marigold St	583	1962	60	Reconstruct	2027			\$ 4,664.00	\$ 46,640.00	Water Utility	100%	\$ 51,304.00	y				
Streets (new/reconstruct)	Edgewood PL	Reddin Rd	STH 34	891	1965	57	Reconstruct	2027	4	2016	\$ 17,107.20	\$ 171,072.00	Public Works Construction Fund	100%	\$ 188,179.20	y				
Wastewater Utility	Edgewood Pl	Reddin Rd	Marigold St	675	1962	60	Reconstruct	2027			\$ 9,112.50	\$ 91,125.00	Wastewater Utility	100%	\$ 100,237.50	y				
Streets (new/reconstruct)	Franklin St	12th St N	14th St N	663	1973	49	Reconstruct	2027	5	2016	\$ 12,729.60	\$ 127,296.00	Public Works Construction Fund	100%	\$ 140,025.60	y				
Streets (new/reconstruct)	Jackson St Bridge			1994			Redeck	2027			\$ 104,500.00	\$ 1,900,000.00	Public Works Construction Fund	20%	\$ 400,900.00	n				
Water Utility	Pepper Ave	Lincoln St	12th St S					2027												
Water Utility	Riverview Dr	1st St N	Spring St	1300	1952	70	Reconstruct	2027			\$ 12,350.00	\$ 123,500.00	Water Utility	100%	\$ 135,850.00	y				
Storm Sewer	Riverview Dr	1st St N	Spring St	620	1952	70	Reconstruct	2027			\$ 8,060.00	\$ 80,600.00	Stormwater Utility	100%	\$ 88,660.00	y				
Streets (new/reconstruct)	Riverview Dr	1st St N	Spring St	1300	1981	41	Reconstruct	2027	3	2016	\$ 28,600.00	\$ 286,000.00	Public Works Construction Fund	100%	\$ 314,600.00	y				

2023 Construction Projects (Street, Sanitary, Storm, Water)

Public Works Capital Improvements

Oak St (Jackson St to 16th St) PROJECT SUMMARY

- **Project Length: 3590**
- **Construction Year: 2023**
- **Total Cost of Improvements: \$2,132,000**
- **Road Classification: Local Road**

Project Need

Pavement Condition

	Install Date	Condition
Pavement	1967	4 Poor
Curb & Gutter	1967	4 Poor

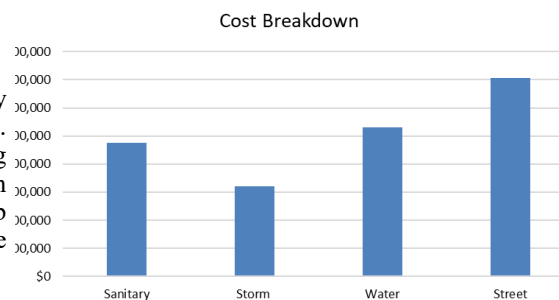
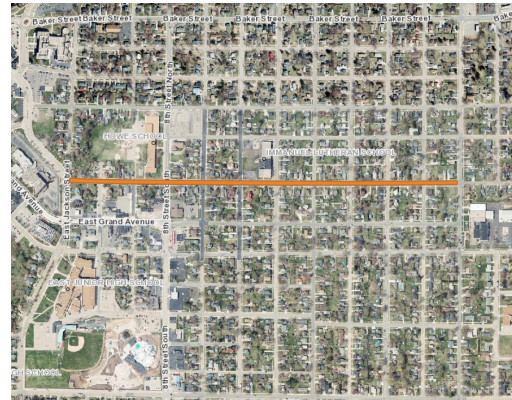
The section of Oak Street from Jackson St to 16th St previously constructed in 1967. The pavement structure is at its end of life. The asphalt pavement is no longer flexible, settling and rutting are evident. The curb and gutter sections are faulting along with several areas of missing pieces of curb. Settlement of the curb and gutter has also limited draining which is accelerating the deterioration.

Underground Utilities

	Install Date	Condition	Material	Proposed Work
Sanitary Sewer	1967	Poor	15", 21" Clay	Replace
Water Main	1912	Poor	6" , 8" Ductile Iron	Replace
Storm Sewer	1967	Good	21" Concrete	None

Project Adoption	Date
Preliminary Resolution	
Final Resolution	

The sanitary sewer is in poor condition with severe cracking and potential failure, and is anticipated to be replaced. The storm sewer is in good condition and is not anticipated to be replaced. The water main is 110 years old and in poor condition and is expected to be replaced during this project.



*Costs do not include WWLC material or labor costs.

Public Works Capital Improvements

9th St (Peach St to Chestnut St) PROJECT SUMMARY

- **Project Length: 1260 Ft**
- **Construction Year: 2023**
- **Total Cost of Improvements: \$ 683,000**
- **Road Classification: Local Road**

Project Need

Pavement Condition

	Install Date	Condition
Pavement	1967	3 Poor
Curb & Gutter	1967	3 Poor

The section of 9th St. from Peach St. to Chestnut St. was previously constructed in 1967. The pavement structure is at its end of life. The asphalt pavement is no longer flexible, settling and rutting are evident. The curb and gutter sections are faulting along with several areas of missing pieces of curb. Settlement of the curb and gutter has also limited draining which is accelerating the deterioration.

Underground Utilities

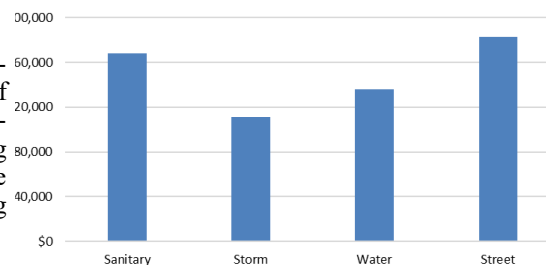
	Install Date	Condition	Material	Proposed Work
Sanitary Sewer	1928	Poor	12" Clay	Replace
Water Main	Unknown	Poor	4", 6" Unknown	Replace
Storm Sewer	1967	Poor	12", 15" Concrete, Clay	Replace

Project Adoption	Date
Preliminary Resolution	
Final Resolution	

The sanitary sewer is 94 years old and is in poor condition with severe cracking and potential failure, and is anticipated to be replaced. The storm sewer is 55 years old and in poor condition and is anticipated to be replaced. The water main is in poor condition and is expected to be replaced during this project.



Cost Breakdown



*Costs do not include WWLC material or labor costs.

Public Works Capital Improvements

Apricot St (Broadway St to 11th St N)
Broadway St (Franklin St to Apricot St)
PROJECT SUMMARY

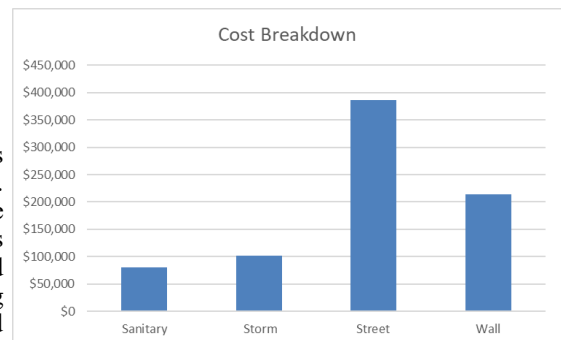
- **Project Length: 815 Ft**
- **Construction Year: 2023**
- **Total Cost of Improvements: \$ 505,000**
- **Road Classification: Local Road**

Project Need

Pavement Condition

	Install Date	Condition
Pavement	1958 (Apricot)	3
	1967 (Broadway)	Poor
Curb & Gutter	1958 (Apricot)	3
	1967 (Broadway)	Poor

The section of Apricot St. from 11th St. N to Broadway St. was previously constructed in 1953. And the section of Broadway St. from Apricot St. to Franklin St. was constructed in 1967. The pavement structure is at its end of life. The asphalt pavement is no longer flexible, settling and rutting are evident. The curb and gutter sections are faulting along with several areas of missing pieces of curb. Settlement of the curb and gutter has also limited draining which is accelerating the deterioration.



Underground Utilities

	Install Date	Condition	Material	Proposed Work
Sanitary Sewer	1972	Poor	8" Clay / PVC	Spot Repairs
Water Main	1982	Poor	6" Unknown	Replace
Storm Sewer	1970	Poor	12", 15" Clay/ PVC	Replace

Project Adoption	Date
Preliminary Resolution	1/15/2019
Final Resolution	

The sanitary sewer is 49 years old and is in poor condition with severe cracking and potential failure, and is anticipated to be replaced. The storm sewer is 51 years old and in poor condition and is anticipated to be replaced. The water main is 39 years old and is expected to be replaced during this project.

8/4/2020

Public Works Capital Improvements

Shorewood Ter. (1st St to Dead End) PROJECT SUMMARY

- **Project Length: 379 Ft**
- **Construction Year: 2023**
- **Total Cost of Improvements: \$ 431,000**
- **Road Classification: Local Road**

Project Need

Pavement Condition

	Install Date	Condition
Pavement	1971	3 Poor
Curb & Gutter	1971	3 Poor

The section of Shorewood Terrace from 1st street to the dead end was previously constructed in 1971. The pavement structure is at its end of life. The asphalt pavement is no longer flexible, settling and rutting are evident. The curb and gutter sections are faulting along with several areas of missing pieces of curb. Settlement of the curb and gutter has also limited draining which is accelerating the deterioration.

Underground Utilities

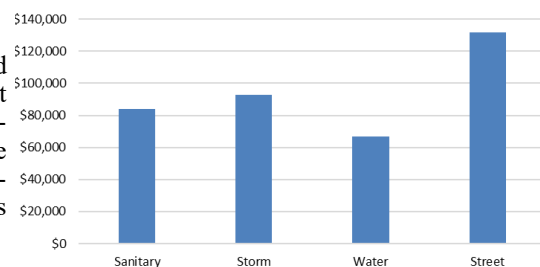
	Install Date	Condition	Material	Proposed Work
Sanitary Sewer	Unknown	Poor	8" Clay	Replace
Water Main	1964	Poor	6" Unknown	Replace
Storm Sewer	Unknown	Poor	15" Unknown	Replace

Project Adoption	Date
Preliminary Resolution	
Final Resolution	

The sanitary sewer is in poor condition with severe cracking and potential failure, and is anticipated to be replaced. The storm sewer is in poor condition and is anticipated to be replaced. The water main is in poor condition and is expected to be replaced during this project.



Cost Breakdown



*Costs do not include WWLC material or labor costs.

Public Works Capital Improvements

West Riverview Expressway (Chase St. to W. Grand Ave.)

- **Project Length:** Ft 2000
- **Construction Year:** 2023
- **Total Cost of Improvements:** \$666,902
- **Road Classification:** Expressway

Project Need

Pavement Condition

	Install Date	Condition
Pavement	1976	Poor
Curb & Gutter	1976	Poor

The section of the West Riverview Expressway was previously constructed in 1976. Sections of the concrete pavement are cracked and failing. Sections curb and gutter sections are faulting and settling.

This section of concrete pavement has been maintained many times in the past 46 years. These maintenance activities have included joint repairs and panel replacements.

Since this segment of roadway is Connecting Highway the City's responsible is limited to joint repair and panel replacement. The DOT's responsibility includes reconstruction and replacement.

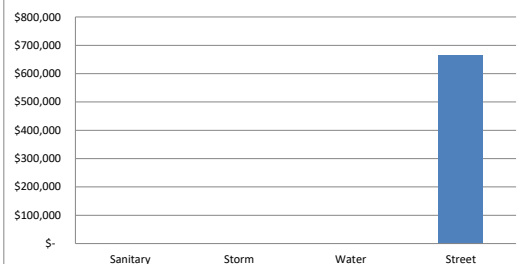
We have evaluated other alternatives and have had multiple conversations with the DOT. The DOT would allow the City to go beyond the limits of the Connecting Highway agreement in order to pursue a higher level of rehabilitation work. Unfortunately, the DOT will not be able to offer any financial assistance in this work. They recommend continuing to perform joint repairs.

City staff don't believe that joint repairs is an option at this point considering the level of deterioration at the joints and through most of the panels. Panel replacements could continue; however, the ride quality not really be improved and the effort will be cost prohibitive.

The DOT is only able to offer another Connecting Highway project in 2030 either on 8th St S or the Riverview Expressway. With these projects the City pays for 25% of the design and DOT pays 100% of the construction.



Expy (Chase St to W Grand) - Concr. Pavement
Maintenance Rehab





Public Works Committee

Date of Request: 8/25/2022

Requestor: Joe Eichsteadt, City Engineer

Request/Referral: Review and consider a preliminary resolution for public improvements on Lincoln Street between East Riverview Expressway to Peach St proposed in 2024.

Background information:

The draft 5-year Capital Improvement Plan for consideration in 2022 proposes Lincoln St in 2024 switching McKinley St from 2024 to 2025 from the 5-year CIP approved in 2021.

Preliminary resolutions are an authorization to notice the public of an upcoming improvement as well as a milestone to begin survey work on upcoming projects.



Options available: Consider approving the preliminary resolution for public improvements

Action you are requesting the committee take: approve the preliminary resolution for public improvements on Lincoln Street between East Riverview Expressway to Peach St proposed in 2024

How will the item be financed? Future budget

Resolution #_____(2022)

Initial Resolution Regarding the Common Council's Intent to
Perform Public Work and Improvements

IT IS HEREBY RESOLVED by the Wisconsin Rapids Common Council:

1. The Common Council declares its intention to perform public work and improvements as described below:

Reconstruction of Lincoln Street, between East Riverview Expressway and Peach Street; including permanent street surfacing, concrete sidewalk, concrete driveway approach, curb & gutter, storm sewer, sanitary sewer, water main and associated service lines.

The property to be impacted is within the following project area:

Property bordering the following roadways with the following parcel numbers: Lincoln Street, between East Riverview Expressway and Peach Street;

3408359,3408357,3408353,3408352,3408351,3408346,3408344,3408343,3408338,3408337,3408335,3408330,3408329,3408328,3408327,3408324,3408323,3408322,3408222,3408221,3408219,3408218,3408217,3408216,3408215,3407943,3407942,3407941,3407940,3407939,3407938,3407937,3407936,3407935,3407933,3407932,3407923,3407916,3407897,3407850,3407849,3407825.

2. The Common Council determines that the above improvements are for the health, safety, and general welfare of the City and its citizens.
3. The Common Council does approve of the scope of the project and authorizes the City to proceed with these improvements upon passage of this Resolution.
4. The City Engineer shall cause notice of this Resolution to be given stating the nature of the proposed improvements and the general boundary lines of the proposed project area.
5. This Resolution shall take effect immediately upon passage.

Adopted this_____day of September, 2022.

Shane E. Blaser, Mayor

Jennifer G. Gossick, City Clerk

PUBLIC WORKS COMMITTEE REFERRAL LIST:

2022

1. Request from Alderperson Tom Rayome to discuss the future of 8th St S. (2016)
2. Request by Alderperson Cattnach to reconsider the City's overnight parking ordinance (2021)
3. ~~Request by Alderperson Austin to consider developing a Responsible Bidder Ordinance~~
4. ~~Request by Alderperson Kellogg to study traffic speed along Chestnut from 8th Street to Hill Street and make recommendations (2020) — study was done when there were no school-related activities. Will continue study when school is in session and will report back to committee.~~
5. ~~Request by Alderperson Evanson to review parking ordinance for any inconsistencies between ordinance language and signage throughout the City (2021)~~
6. ~~Request by Alderperson Bemke to perform an intersection analysis and determine sign warrants, if any, for 12th St S and Chestnut St.~~
7. Request by Alderperson Austin to consider a feasibility study for reducing noise and vehicle delays due to railroad tracks along the west side of the City at and between crossing from Gaynor Ave to High St.
8. ~~Request by residents along Smith St and Cherry St to not reinstall sidewalk along these road projects.~~
9. ~~Review and approve the conditions for a street privilege permit for Mead Witter Foundation, Inc.~~
10. Review the bid results for the West Riverview Expressway Traffic Signal Improvement project and consider awarding the contract to the low, qualified bidder.
11. Request from Zacher to consider removing pavers in west boulevard of 2nd Ave S between roundabout and Lyons St and replacing with colored, stamped concrete.
12. Request from Austin to discuss the Biron wastewater agreement at a special PW meeting.
13. Request from Rayome for Quiet Zones for trains on the east side of city. (Referral Attached)
14. Request from Polach to change traffic control at the intersection of Peach St and 13th St S from uncontrolled to either yield or stop control.