



Public Works Committee
Wednesday April 12, 2023
5:30 p.m.
Cravath Conference Room
Municipal Building - 2nd Floor
312 W Whitewater St
Whitewater, WI 53190

AGENDA

1. Call To Order And Roll Call
2. Approval Of Minutes From March 14, 2023
3. Hearing Of Citizen Comments
No formal Public Works Committee action will be taken during this meeting although issues raised may become a part of a future agenda. Participants are allotted a three minute speaking period. Specific items listed on the agenda may not be discussed at this time; however citizens are invited to speak to those specific issues at the time the Public Works Committee discusses that particular item.
4. New Business
 - 4.a. Discussion And Possible Action Regarding Design Elements With The N. Fremont Street Reconstruction Project.

Documents:

[1_SANITARY SEWER REPLACEMENT CONCEPT.PDF](#)
[2_SANITARY SEWER RELOCATION CONCEPT.PDF](#)
[3_SANITARY SEWER ALTERNATIVE COSTS.PDF](#)
[4_WATER MAIN MAP.PDF](#)
[ITEM 4A.PDF](#)
 - 4.b. Discussion And Possible Action Regarding Design Elements With The Ann Street/Fremont Street Reconstruction Project.

Documents:

[1_ANN STREET SIDEWALK.PDF](#)
[2_FREMONT STREET AND JAMES STREET SIDEWALK.PDF](#)
[3_FREMONT SIDEWALK CONSIDERATIONS.PDF](#)
[ITEM 4B.PDF](#)
 - 4.c. Discussion And Possible Action Regarding Design Elements With The Putnam Street Reconstruction Project.

Documents:

ITEM 4C.PDF
CONCEPTUAL DESIGN.PDF

5. Future Agenda Items

6. Adjournment

It is possible that members of, and possibly a quorum of members of, other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information over which they may have decision-making responsibility; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice. Anyone requiring special arrangements is asked to call the Office of the City Manager / City Clerk at least 72 hours prior to the meeting.



New 8" Sewer

Sewer to Remain
in Service

New 18" Sewer

NORTH
NO SCALE

North Fremont Street Sewer
Replacement Concept - Enhanced
Project



New 18" Sewer

Lateral extension

Abandon Sewer

New 18" Sewer

NORTH
NO SCALE

North Fremont Street Sewer
Abandonment Concept - Enhanced
Project

North Fremont Street Sanitary Sewer

City of Whitewater, Wisconsin

					Base Project		Enhanced Project	
	Item Description	Units	Unit Price	Quantity	Extension	Quantity	Extension	
Sanitary Sewer								
1	8-IN PVC Sanitary Sewer	LF	\$130.00	448	\$58,240.00			
2	8-IN C900 PVC Sanitary Sewer	LF	\$145.00	20	\$2,900.00	20	\$2,900.00	
3	18-IN PVC Sanitary Sewer	LF	\$200.00	30	\$6,000.00	717	\$143,400.00	
4	18-IN C900 PVC Sanitary Sewer	LF	\$225.00	420	\$94,500.00	423	\$95,175.00	
5	8-IN by 4-IN PVC Sanitary Sewer Wye Fitting	EA	\$300.00	4	\$1,200.00			
6	18-IN by 4-IN PVC Sanitary Sewer Wye Fitting	EA	\$1,000.00	3	\$3,000.00	7	\$7,000.00	
7	4-FT DIA Sanitary Sewer MH	EA	\$4,500.00	6	\$27,000.00	7	\$31,500.00	
8	4-IN PVC Sanitary Sewer Lateral	LF	\$90.00	280	\$25,200.00	280	\$25,200.00	
9	4-IN PVC Sanitary Sewer Lateral	LF	\$75.00			225	\$16,875.00	
10	Sewer Lateral Cleanout	EA	\$500.00			2	\$1,000.00	
11	Rock Excavation	LF	\$50.00					
12	Asphalt Patch-Parking Lot	SY	\$45.00			270	\$12,150.00	
13	Abandon Existing Sanitary Sewer	LS	\$2,000.00	1	\$2,000.00	1	\$2,000.00	
14	Abandon Existing Sanitary Sewer-Park	LS	\$5,000.00			1	\$5,000.00	
Total:					\$220,040.00	\$342,200.00		

Base project includes replacement of sanitary sewer as-is on Fremont Street. Enhanced project includes replacement of sanitary sewer on Fremont Street and abandonment of the existing sanitary sewer across Starin Park.

Costs exclude granular backfill, bypass pumping, and rock excavation.





Public Works Agenda Item

Meeting Date:	April 12, 2023
Agenda Item:	4a. Fremont Street
Staff Contact (name, email, phone):	Brad Marquardt, bmarquardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

During a review meeting between Strand and City staff, it was noted that now would be the time to relocate or abandon the sanitary sewer and water main that run under Treyton Field if so desired.

Sanitary Sewer: There is an 18 inch sanitary sewer than runs from Lauderdale Drive south under Treytons Field (with a manhole behind second base). It then turns east to Fremont Street where it runs south to Starin Road under the street. The relocation would involve installing a new sanitary line north of Treytons Field that would run east to Fremont Street and then south under Fremont Street to Starin Road. The lateral from the concession stand would need to be extended to Fremont Street. The relocation would require all new 18 inch pipe, including additional 18 inch pipe along the north side of Treytons Field compared to replacing the 8 inch and 18 inch pipes, respectively, that currently exist in Fremont Street if the sewer is not relocated.

Water main: There is a 12 inch water main running from Lauderdale Drive south to Starin Road that goes under Treytons Field. There is also an 8 inch water main in Fremont Street currently proposed to be replaced with an 8 inch pipe. If the 8 inch water main in Fremont was upsized to 12 inch, the 12 inch water main under Treytons Field could be abandoned resulting in negligible differences in volume and pressure in the watermain continuing north on Fremont Street. The water lateral from the concession stand would need to be extended to Fremont Street.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

The Public Works Committee and Common Council approved the Task Order for design in August 2022.

FINANCIAL IMPACT

(If none, state N/A)

The estimated cost to replace the existing sanitary sewer as is in Fremont Street is \$220,040. The enhanced version of relocating the sanitary sewer is estimated at \$342,200.

The estimated cost to upsize the water main from 8 inch to 12 inch and abandon the line under Treytons Field is \$58,000.

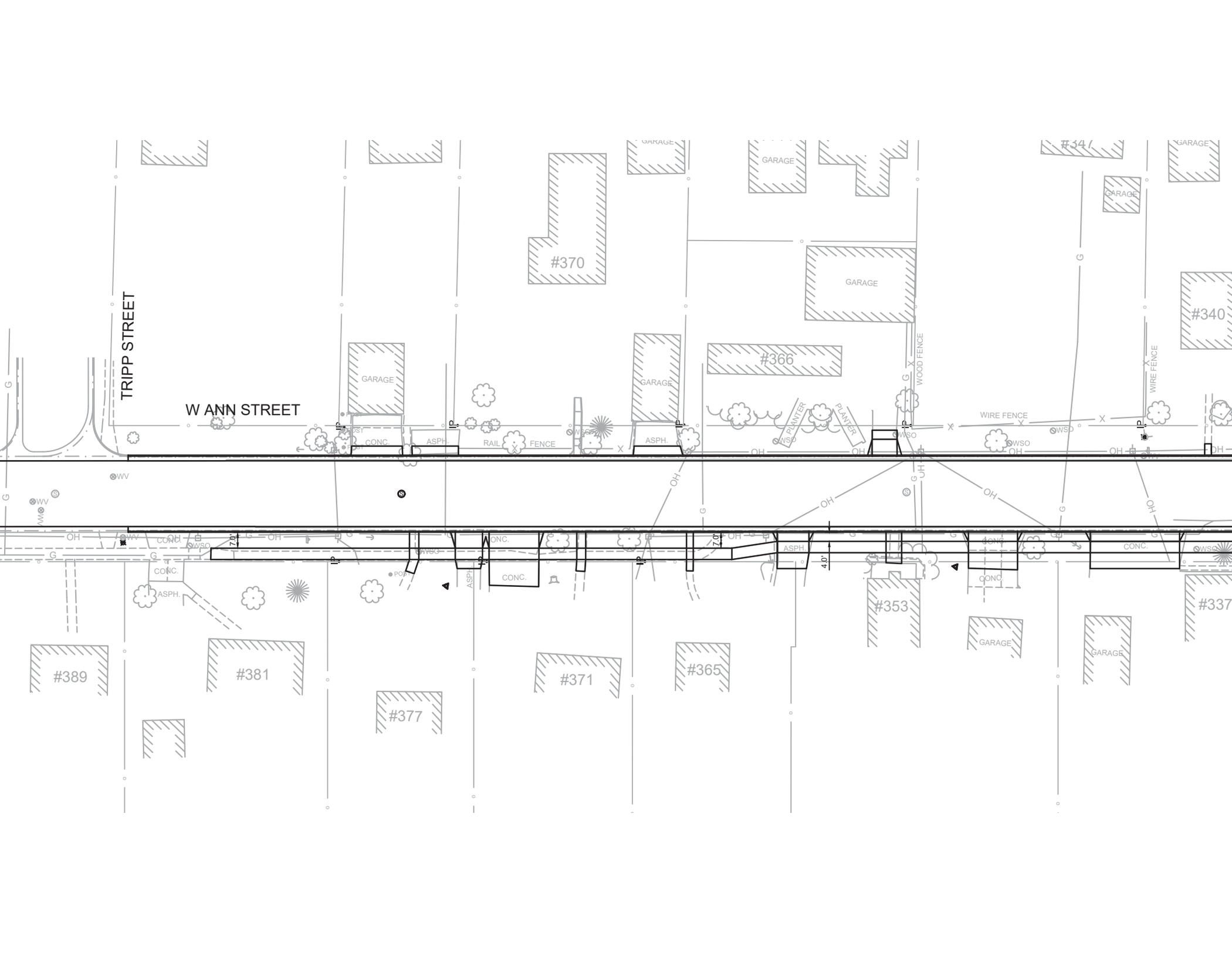
STAFF RECOMMENDATION

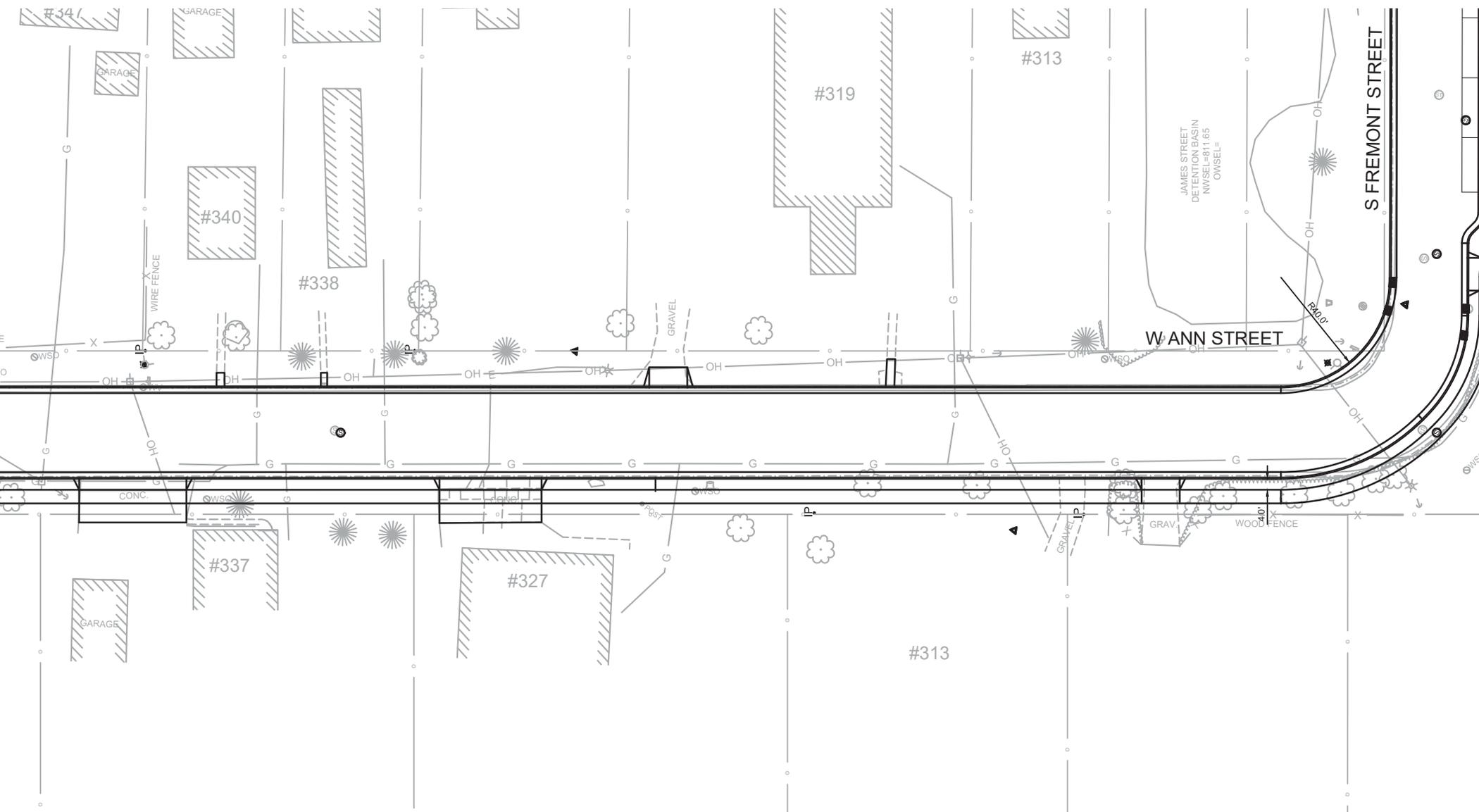
Staff is looking for direction from the Committee on how to proceed.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Sanitary Sewer Replacement Concept
 2. Sanitary Sewer Relocation Concept
 3. Sanitary Sewer Alternative Costs
 4. Water Main Map
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GARAGE

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#338

#319

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WIRE FENCE

GRAVEL

W ANN STREET

S FREMONT STREET

JAMES STREET
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OWSEL=

CONC.

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GARAGE

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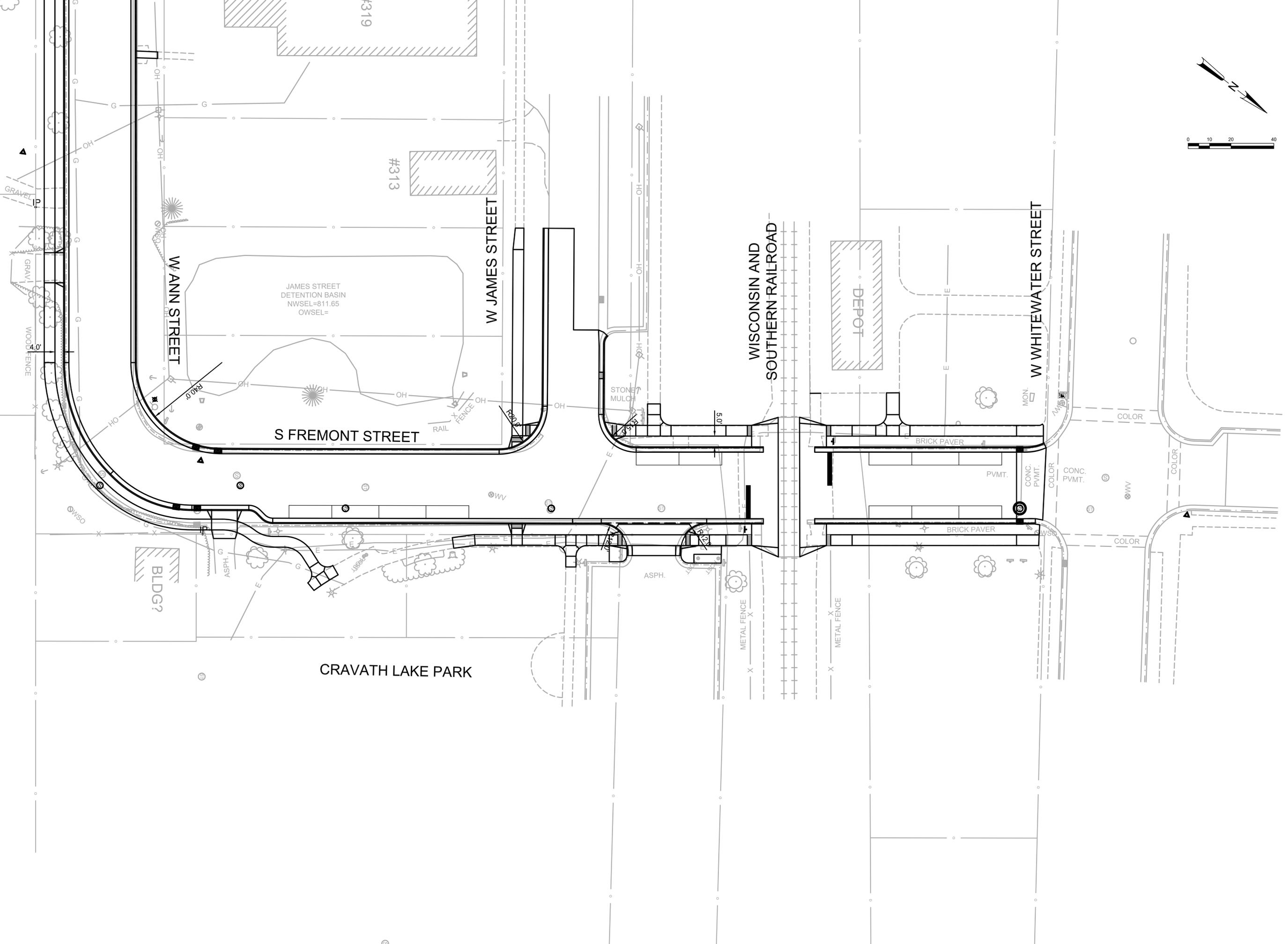
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WANN STREET

W JAMES STREET

S FREMONT STREET

WISCONSIN AND SOUTHERN RAILROAD

W WHITEWATER STREET

JAMES STREET DETENTION BASIN
NWSL=811.65
OWSEL=

DEPOT

STONE MULCH

BRICK PAVER

PVMT.

CONC. PVMT.

BRICK PAVER

CONC. PVMT.

BLDG?

CRAVATH LAKE PARK

ASPH.

METAL FENCE

METAL FENCE

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GRAVEL

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WOOD FENCE

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OH

NOTE: EXISTING SIDEWALK ENDS AT 365 WEST ANN STREET. NO PEDESTRIAN CONNECTIVITY EXISTS.

CASUAL JOE'S BBQ

LOT A -DEPOT- PARKING

PUBLIC PARKING

ANN STREET

JAMES STREET DETENTION BASIN

JAMES STREET

WISCONSIN AND SOUTHERN RAILROAD

DEPOT TRAIN STATION MUSEUM

WHITEWATER STREET

WHITEWATER MUNICIPAL BUILDING

NEW SIDEWALK EXTENSION TO IMPROVE PEDESTRIAN ACCESS TO SOUTH SIDE OF JAMES STREET

REMOVE CURB RAMP AND CROSSWALK WITHIN RR R/W

REMOVE CURB RAMP LEADING TO PARKING LOT ENTRANCE

NEW SIDEWALK CONNECTION TO DEPOT

FREMONT STREET

NEW PEDESTRIAN CROSSINGS

NEW SIDEWALK EXTENSION ON ANN STREET TO IMPROVE PEDESTRIAN ACCESS TO FREMONT STREET AND PARK

NEW ANN STREET SIDEWALK CONNECTION TO CRAVATH PARK SIDEWALK

PROVIDE ADA COMPLIANT PEDESTRIAN ROUTE ACROSS PARKING LOT ENTRANCE

PROVIDE ADA COMPLIANT PEDESTRIAN CROSSING ON BOTH SIDES OF STREET AT RR CROSSING

CRAVATH LAKEFRONT AMPHITHEATER

LOT B -LAKEFRONT- PARKING



Public Works Agenda Item

Meeting Date: April 12, 2023

Agenda Item: 4b. Ann Street-Fremont Street

Staff Contact (name, email, phone): Brad Marquardt, bmarquardt@whitewater-wi.gov, 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

Currently on Ann Street, there is sidewalk extending on the south side from Franklin Street to Trippe Street and then east of Trippe Street approximately 270 feet where the sidewalk empties onto the pavement of Ann Street. Staff is considering extending the sidewalk further east to tie into existing sidewalk on Fremont Street. To accommodate the sidewalk extension, it is being proposed to move the sidewalk closer to the curb to minimize impacts to private properties. This would leave a 4 foot terrace width for snow storage. Existing trees and brush in the terrace area would need to be removed, though some trees are marked for removal already and others are not in the best of condition.

Additionally, on the south side of James Street the sidewalk ends about 100 feet short of Fremont Street. Staff is considering installing sidewalk in this stretch to complete the connectivity.

Other sidewalk considerations include the removal of sidewalk extending from the depot to Fremont Street within the railroad right of way and the corresponding curb ramps on each side, adding new sidewalk on the north side of the depot connecting Fremont Street to the depot, removing the curb ramp on the west side of Fremont across from the access point to Lot B, adding curb ramps and a crosswalk on the south side of James Street.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

Public Works Committee approved the Task Order for design at the August 9, 2022 meeting. Council approved the Task Order at the August 16, 2022 meeting.

FINANCIAL IMPACT

(If none, state N/A)

The estimated cost to install the additional sidewalk on Ann Street is \$21,000. The cost to install sidewalk on James Street is estimated at \$3,000.

STAFF RECOMMENDATION

Staff is looking for input from the Committee on the extension of the sidewalk, but would recommend to move forward with the sidewalk extension on Ann Street and James Street.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Ann Street Sidewalk
 2. Fremont Street and James Street Sidewalk
 3. Fremont Sidewalk Considerations
-



Public Works Agenda Item

Meeting Date:	April 12, 2023
Agenda Item:	4c. Putnam Street Design
Staff Contact (name, email, phone):	Brad Marquardt, bmarquardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what when, where, why)

When the Task Order was approved for Strand to do the design work for Putnam Street, the Public Works Committee asked for Strand to investigate options other than the installation of curb and gutter. Putnam Street is approximately 600 feet in length. Currently there is approximately 264 feet of curb and gutter on the east/south side and 108 feet on the west side. After reviewing the existing conditions, the layout of the street and the use of the surrounding properties, Strand is recommending the installation of curb and gutter for the following reasons:

1. Curb and gutter defines and delineates the vehicle travel way. This is important due to the large private parking areas along the east side of Putnam Street.
2. Curb and gutter prevents vehicles from pulling off of the street at random locations which can cause damage to the edge of pavement and rutting of turf areas.
3. Curb and gutter provides support for the edge of pavement which helps prevent cracking. If curb and gutter is not installed, regularly maintained gravel shoulders would be recommended.
4. Curb and gutter controls and directs stormwater. This is particularly important on Putnam Street where longitudinal slopes are very flat in some areas. If curb and gutter is not installed, ditches and driveway culverts would be recommended to control drainage and protect the pavement structure. Properly constructed ditches can be very disruptive to private property. (It also should be noted that Putnam Street is very narrow with the street taking up nearly all of the right-of-way. Any ditches/culverts would be on private property.)
5. Curb and gutter is generally considered part of standard street infrastructure in most urban areas. The investment in curb and gutter tends to enhance property values over time.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

Public Works Committee approved the Task Order at the August 9, 2022 meeting. Council approved the Task Order at the August 16, 2022 meeting.

FINANCIAL IMPACT

(If none, state N/A)

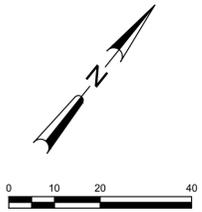
While there is cost associated with the installation of curb and gutter, there would be other costs associated with gravel shoulders, ditches and culverts if curb and gutter is not installed. The estimated cost of curb and gutter is \$25,000.

STAFF RECOMMENDATION

Staff recommends to move forward with the installation of curb and gutter on Putnam Street.

ATTACHMENT(S) INCLUDED
(If none, state N/A)

1. Conceptual Design
-



S JANESVILLE STREET

W WALWORTH STREET

S PUTNAM STREET

CG#

#527

#503
#501

#513
#511

#503

#517

#543

#533

#521

#545

MH 30-5

MH 29-5

