



**OFFICIAL MEETING PACKET OF THE  
PUBLIC WORKS & UTILITY COMMITTEE**

**CHAIRPERSON/TRUSTEE NATE FIENE PRESIDING  
PUBLIC WORKS DIRECTOR MICHAEL WODALSKI; STAFF ADVISOR**

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This regular monthly meeting of the Public Works & Utility Committee, composed of five (5) appointed members, will convene, during the 21st session of the elected Board of Trustees, at ***Weston Municipal Center, which is located at 5500 Schofield Avenue, Weston, on MONDAY, June 8, 2020, at 4:30 p.m.***



**Village of Weston, Wisconsin  
ATTENTION – NOTICE OF PUBLIC MEETING**

Meeting: **PUBLIC WORKS & UTILITY COMMITTEE**

Members: **Fiene, Hubbard, Jensen, Zeyghami, Ziegler**

Ex-Officio: **Donner, Wodalski**

Date/Time: **Monday, June 8, 2020, at 4:30 p.m.**

Location: **Weston Municipal Center, 5500 Schofield Avenue, Weston, WI 54476**

Agenda: **The agenda packet will be sent out 3 days prior to the meeting.**

**Attendance: Committee members, Department Directors, and other guests, please indicate if you will, or will not, be attending so we may determine in advance if there will be a quorum with an RSVP to the Staff Advisor(s):**

<b><u>RSVP:</u></b>	<b>Michael Wodalski</b>	<b>Keith Donner</b>
	<a href="mailto:mwodalski@westonwi.gov">mwodalski@westonwi.gov</a>	<a href="mailto:kdonner@westonwi.gov">kdonner@westonwi.gov</a>
	<b>(715) 359-6114</b>	<b>(715) 359-6114</b>

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**PLEASE NOTE THE FOLLOWING INFORMATION:**

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This notice was posted at the Municipal Center, and on the Village's website at [www.westonwi.gov](http://www.westonwi.gov), and was emailed to local media outlets (Print, TV, and Radio) on 6/5/2020 @ 2:33 pm.. Any posted agenda is subject to change up until 24 hours prior to the date and time of the meeting.

A quorum of members from other Village governmental bodies (boards, commissions, and committees) may attend the above-noticed meeting to gather information. Should a quorum of other government bodies be present, this would constitute a meeting pursuant to State ex rel. Badke v. Greendale Village Bd., 173 Wis.2d 553,494 N.W.2d 408 (1993). Wisconsin State Statutes require all agendas for Committee, Commission, or Board meetings be posted in final form, 24 hours prior to the meeting.

Any person who has a qualifying disability, as defined by the Americans with Disabilities Act, requiring that meeting or material to be in an accessible location or format, must contact the Weston Municipal Center at 715-359-6114, so any necessary arrangements can be made to accommodate each request.



## VILLAGE OF WESTON, MARATHON COUNTY, WISCONSIN OFFICIAL MEETING AGENDA OF THE PUBLIC WORKS & UTILITY COMMITTEE

TO THE HONORABLE TRUSTEE NATE FIENE AND FOUR (4) APPOINTED MEMBERS OF THE PUBLIC WORKS COMMITTEE: The following items were listed on the agenda in the Village Clerk's Office, in accordance with Chapter 2 of the Village's Municipal Code and will be ready for your consideration at the next regular meeting of the Public Works Committee which has been scheduled for MONDAY, JUNE 8, 2020 @ 4:30 P.M., in the Board Room, at the Weston Municipal Center.

A quorum of members from other Village governmental bodies (boards, commissions, and committees) might attend the above-noticed meeting to gather information. Should a quorum of other government bodies be present at this meeting it would constitute a meeting pursuant to State ex rel. Badke v. Greendale Village Bd., 173 Wis.2d 553, 494 N.W.2d 408 (1993). No official actions other than those of the Public Works Committee shall take place.

Wisconsin State Statutes require all agendas for Committee, Commission, or Board meetings be posted in final form, 24 hours prior to the meeting. Any posted agenda is subject to change up until 24 hours prior to the date and time of the meeting.

### AGENDA ITEMS

1. Meeting called to order by Committee Chair Fiene.
2. Welcome, introductions and acknowledgement of guests.
3. Roll Call by Recording Secretary – Nate Fiene {C}, Tom Hubbard, John Jensen, Hooshang Zeyghami, Jon Ziegler {VC},
4. [Approval of 05/11/20 minute](#)

### PUBLIC COMMENTS

**Join Zoom Meeting by Computer (audio only meeting to make comments):**

<https://zoom.us/j/96039704695>

**Join Zoom Meeting by Phone (audio only meeting to make comments):**

+1 929 436 2866 US (New York)

+1 312 626 6799 US (Chicago)

Meeting ID: 960 3970 4695

### ACKNOWLEDGE WORK PRODUCT TRANSMITTALS

5. Acknowledgement of water and sewer permits and applications.

2302 Bellewood Ave - Paid

2108 Sherwood Ave - Paid

4906 Quirt Sann Dr - Paid



**VILLAGE OF WESTON, MARATHON COUNTY, WISCONSIN  
OFFICIAL MEETING AGENDA OF THE PUBLIC WORKS & UTILITY COMMITTEE**

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- 5105 Quirt Sann Dr - Paid
- 5202 Quirt Sann Dr - Paid
- 7102 Commerce Dr - Paid

**EDUCATION, PRESENTATIONS, AND REPORTS**

- 6. 2019 Municipal Separate Storm Sewer System (MS4) Report
- 7. Draft Water Master Plan Improvements Workshop Notes

**POLICY DISCUSSIONS AND RECOMMENDATIONS**

- 8. Harlyn Ave Lift Station Change Order No. 2
- 9. Discussion of Ryan St Utility Crossing RFP responses
- 10. Recommendation to send out the Crestwood Acres Neighborhood Reconstruction RFP
- 11. Discussion on the Weston Avenue Corridor Study
- 12. Discussion on Sidewalk Policy

**RESOLUTIONS/ORDINANCES**

None

**FUTURE ITEMS**

- 10. Next meeting date(s):
  - a. Monday, July 13, 2020 @ 4:30 p.m. Regular Meeting
  - b. Monday, August 10, 2020 @ 4:30 p.m. Regular Meeting
  - c. Monday, September 14, 2020 @ 4:30 p.m. Regular Meeting
- 11. Topics for future meetings
- 12. Remarks from Administrator
- 13. Remarks from Staff
  - a. CIP Project Status Updates:
    - I. Zinser St Utility Extension
    - II. Harlyn Ave Lift Station
  - b. Operations Staff Updates
    - I. Watermain Flushing
    - II. Well Rehabilitations
- 14. Remarks from Committee members.



**VILLAGE OF WESTON, MARATHON COUNTY, WISCONSIN  
OFFICIAL MEETING AGENDA OF THE PUBLIC WORKS & UTILITY COMMITTEE**

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15. Announcements.

**ADJOURNMENT BY 6 P.M.**

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**Village of Weston, Wisconsin**  
**OFFICIAL MEETING MINUTES OF THE PUBLIC WORKS & UTILITY COMMITTEE**  
**Monday, May 11, 2020, at 4:30 p.m.**

**AGENDA ITEMS**

1. Meeting called to order by Chairman – Nate Fiene at 4:30 p.m.
2. Welcome, introductions and acknowledgement of guests.

None.

3. Roll Call by Recording Secretary Coleman:

Nate Fiene {C}	Present
Hooshang Zeyghami	Present
Jon Ziegler {VC}	Present
John Jensen	Present
Tom Hubbard	Excused

4. Approval of 3/09/20 minutes.

M/S/P Ziegler/Jensen: to approve the minutes from the meeting 03/09/20 meeting.  
Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

Public Comments.

This is actually number 23 below. Oliver Burrows from 5008 Sunset St in Weston. He is requesting Public Works Committee to forward this to Village Board to allow for a variance for future modification requiring new or reconstruction areas to have sidewalks. Burrows indicated that these sidewalks have no where to go on the cul-de-sac streets of Sunset and Arrow. There are less than 12 houses on this street. Burrows indicated that he does not see a need for sidewalks in order to fulfill the original purpose or intent. The amount of foot traffic is minimal. Wodalski indicated the full ordinance is attached which was passed in 2015. Burrows said that from his research eliminating the sidewalks does change the cost of the project. It does not undermine the Village's purpose or vision of the Village. Burrows indicates there is no need for a sidewalk as there is no through traffic and only 14 houses. There is less than

25-30 people walking on this block each week. Zeyghami indicates if we change the ordinance, then we have to continue doing so for any future revised or new subdivisions. Jensen stated we have eliminated the creation of future cul-de-sacs. Ziegler agrees with Jensen, but how do you revise the ordinance so we don't have to change it. Ziegler said if it is revising the ordinance then it doesn't make sense. Zeyghami said we would have to change the ordinance so that they could vote on it. Fiene said he understands, he is worried about us setting a precedent. Others in less reasonable instances will come forth. Rewriting the ordinance may have an effect on future grants where it is warranted. Burrows said this is a one-time issue and not precedent setting. Wodalski says we have 92 cul-de-sacs in the Village, so we do have a lot of existing ones. Donner said we could look at the lengths of these cul-de-sacs. Burrows said there is no opportunity to connect the cul-de-sacs to any other roads. Ziegler said when we open it up to the public, you receive various understandings or misunderstandings. Fiene suggested that this be brought to the Board of Trustees to see if any more action can be taken. Burrows thanked us for allowing him to speak.

## **ACKNOWLEDGE WORK PRODCUT TRANSMITTALS**

5. Acknowledgement of water and sewer permits and applications.

None.

Wodalski indicates that items 6 – 14 is to give everyone an update as these items were previously approved by the board. Zeyghami asked before discussions that we obtain certificates of insurance on all these contractors to avoid liability. Wodalski indicates that we do have their certificates of liability to hold harmless the Village of Weston.

6. Mesker Well Rehabilitation
7. Foremost/Kerry Well Rehabilitation
8. Street Sweeper Lease Approval
9. End Loader Purchase
10. Bloedel Well Fence

Zeyghami asked to see the map. Wodalski indicates there is a heavily wooded area on the back side. The main reason is people are using this as their dog park and we are hoping this is a stage 1 deterrent and they are less likely to do anything with the well house. If it doesn't prevent it, we should finish it off and put a gate on it. Zeyghami said we should put the fence on it all the way around.

11. Weston School East Neighborhood Reconstruction Project Contract Award

- 12. Callon Ave Engineering Design Award
- 13. Frontage Rd and Evergreen Rd Engineering Design Award
- 14. Replacement Plow Truck/Grader Purchase
- 15. Fire Hydrant Painting RFP – current RFP we have is zero.

M/S/P Ziegler/Jensen: to acknowledge item 6 thru 15 items.  
 Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**EDUCATION, PRESENTATIONS, AND REPORTS**

None.

**POLICY DISCUSSIONS AND RECOMMENDATIONS**

- 16. Recommendation to Award 2020 Crack Sealing Project

Award Precision Seal Coating bid of \$98,940.

M/S/P Jensen/Ziegler: to award bid to Precision Seal Coating for the price of \$98,940.

Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

- 17. Recommendation to Award 2020 GSB-88 Pavement Sealing Project

Fahrner Asphalt bid \$66,815 which is Sandy Lane from Hewitt to Alex, Schofield Ave from Ryan to Highway J, and Neupert Ave: Business 51 to Alderson St.

M/S/P Zeyghami/Jensen approve awarding bid to Fahrner Asphalt for cost of \$66,815..

Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**18. Recommendation to Award 2020 Chip Seal/Micro Surface Project**

The recommendation is to continue with chip sealing with the fog seal as opposed to microsurfacing these streets. The fog seal locks in the loose chips and prevents the loose chips going down the drains and on the roads. Looking at cost, Scott Construction's bid amount to chip seal and fog seal was \$13,000 less than the microsurface.

M/S/P Jensen/Zeyghami motion to approve Scott Construction for chip sealing.  
 Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**19. Recommendation to Award 2020 Asphalt Overlay Project**

American Asphalt prices came in a little over budget, but we have some wiggle room with the overall surface maintenance budget with other items coming in under budget.

M/S/P Zeyghami/Jensen approved American Asphalt awarded Overlay Project.  
 Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**20. Recommendation to Award Ross Avenue Paving Project**

Wodalski stated at the 3/16 Board Meeting, it was approved to use \$250,000 from the TIF Funds to pay for the work on Schofield Ave in 2019 which was originally borrowed for. Thus, the board approved utilizing the \$250,000 to repave Ross Ave between Birch St and Camp Phillips with those funds. There were a couple different alternatives on bidding this project. Wodalski showed the breakdowns between the options. Utilizing a 25-foot pavement section for section A and then repaving the intersections near Camp Phillips, the cost is just over the \$250,000 mark at \$250,742 for just the 25 ft driving sections for A & B.

M/S/P Ziegler/Zeghami approved Paving Project  
Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**21. Recommendation to Award Schofield Avenue Concrete Repair Project**

\$133,820 from Birch St to Camp Phillips Rd, there are several slabs near Normandy St as well that will be repaired. CPR Inc was low bidder. CIP Budget was \$175,000 so we are under budget. CPR Inc. did some Schofield Ave repairs in 2014 or 2015 and they are a reputable concrete contractor.

M/S/P Jensen/Zeyghami approved to award Concrete Repairs to CPR Inc. for Cost of \$133,820  
Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**22. Recommendation to Purchase Replacement Skid Steer**

Several dealers dropped off demo units for staff to try out at Ryan Street. Staff's preference was the CAT machine because it had the best response, joy stick worked well and most fluid machine. Quotes Bobcat \$47,850, CAT \$55,508, and John Deere \$54,859. Staff prefers the CAT and they are very good to work with. They are here in Weston and we can rent attachments easily as well. Bobcats are not set up like CATs and hydraulics are different to attach parts to. Jason Lenhard (Village Fleet Foreman) indicated CAT was the unanimous preference by the operations staff out of the three.

M/S/P Fience/Ziegler approved purchase of CAT Skid Steer.  
Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

**23. Discussion and Possible Action following up from the Weston School East Neighborhood Reconstruction Project**

a. Replacement of Trees and Street Tree Planting

The question of street trees was brought up by residents. Normally we would replace a pine for a pine, maple for a maple. Some people want a maple for their pine. It is something we should look at as well. Village Arborist Falkowski has stated in the past that we should not plant trees in ditches.

M/S/P Zeyghami/Ziegler approve the replacement of trees for street tree planting offer trees to residents.

Yes Vote: 4 No Vote: 0 Abstain: 0 Not Voting: 1 Result: Pass

Nate Fiene	Yes
Jon Ziegler	Yes
John Jensen	Yes
Hooshang Zeyghami	Yes
Tom Hubbard	Excused

b. Sidewalk on Arrow and Sunset north of Kennedy Ave was discussed early with Oliver Burrows.

**24.** Update and Discussion on 2020 Street Maintenance Plan

Wodalski gave an overview of the 2020 Street Maintenance Plan with bid results now known. Overall, there is approximately \$3,000 in contingency left. It was further explained how the asphalt patching and concrete patching line items are utilized as we know there are repairs needed, but don't always have specific areas identified at the beginning of the year. If funds become tight during the year there may have to be areas that are deferred to a future year.

Then regarding the capital projects, the two major projects for 2020 are the Weston School East and Schofield Avenue projects where we are projecting after bids have been opened those to come in about \$300,000 under budget. Staff isn't suggesting we do anything with the monies right now as there isn't a guarantee those projects will end up under budget, but we may look at other areas later in the year if those costs do carry forward during the summer.

RESOLUTIONS/ORDINANCES

None.

FUTURE ITEMS

**25.** Next Meeting date(s):

- |  |                 |
|--|-----------------|
| a. Monday, June 8, 2020 @ 4:30 p.m.        | Regular Meeting |
| b. Monday, July 13, 2020 @ 4:30 p.m.       | Regular Meeting |
| c. Monday, August 10, 2020, @ 4:30 p.m.    | Regular Meeting |
| d. Monday, September 14, 2020, @ 4:30 p.m. | Regular Meeting |

26. Topics for future meetings.

27. Remarks from Administrator

28. Remarks from Statt

a. 2019 CIP Project Status Updates:

1. Zinser St Utility Extension

Crane Meadows paving should be done this week and ditch restoration the following week.

2. Harlyn Ave Lift Station

This Wednesday the new station should be starting up and all restoration work should be done by the end of the month.

b. Operations Staff Updates

1. Watermain Flushing

This has been started.

2. Spring Yard Waste Pick Up

Leaf pick up completed and brush should be done by Wednesday. There was extra brush this year as compared to previous years.

28. Remarks from Committee Members.

29. Announcements

**ADJOURNMENT BY 5:44 P.M.**

# REQUEST FOR CONSIDERATION

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<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Acknowledge transmittal of 2019 Municipal Separate Storm Sewer System (MS4) Annual Report to the Wisconsin Department of Natural Resources</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works Dan Raczkowski, Deputy Director of Public Works</b>
<b>Question:</b>	<b>Should the Public Works Committee acknowledge the submittal of the Village’s annual MS4 Report?</b>

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## Background

Pursuant to Wis. Adm. Code NR216.07(8) an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year. Attached is the Village of Weston’s report for 2019 in compliance with the Administrative Code.

As you may note reading through the annual permit, there are several items that the DNR is asking for more exact information on than in years past that is requiring us to keep track of more data. We are working with the Planning and Zoning Department to see how we can better track the erosion control inspection and enforcement actions taken throughout the year.

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**Attached Docs:** - 2019 MS4 Report

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**Committee Action:** - N/A

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**Fiscal Impact:** - Storm water activities are paid for out of the Storm Water Utility Fund.

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**Recommendation:** Staff recommends acknowledging the report.

## Recommended Language for Official Action

**I Recommend acknowledgement of the 2019 Village of Weston Municipal Separate Storm Sewer System (MS4) Report.**

**Or, Something else**

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Additional action:

# Submittal of Annual Reports and other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

## Reporting Information

Will you be completing the Annual Report or other submittal type?  Annual Report  Other

Project Name: MS4

County: Marathon

Municipality: Weston, Village

Permit Number: S050075

Facility Number: 31060

Reporting Year: 2019

Is this submittal also satisfying an Urban Nonpoint Source Grant funded deliverable?  Yes  No

## Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

### Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Complete all required fields on the annual report form and upload required attachments
- Attach the following other supporting documents as appropriate using the attachments tab above
  - Public Education and Outreach Annual Report Summary
  - Public Involvement and Participation Annual Report Summary
  - Illicit Discharge Detection and Elimination Annual Report Summary
  - Construction Site Pollution Control Annual Report Summary
  - Post-Construction Storm Water Management Annual Report Summary
  - Pollution Prevention Annual Report Summary
    - Leaf and Yard Waste Management
    - Municipal Facility (BMP) Inspection Report
    - Municipal Property SWPPP
    - Municipally Property Inspection Report
    - Winter Road Maintenance
  - Storm Sewer Map Annual Report Attachment
  - Storm Water Quality Management Annual Report Attachment
  - TMDL Attachment
  - Storm Water Consortium/Group Report

- Municipal Cooperation Attachment
- Other Annual Report Attachment
  
- Attach the following permit compliance documents as appropriate using the attachments tab above
  - Storm Water Management Program (*S050075-03 general permittees shall have a written storm water management program that describes in detail how the permittee intends to comply with the permit requirements for each minimum control measure. Updated programs are due to the department by March 31, 2021.*)
    - Public Education and Outreach Program
    - Public Involvement and Participation Program
    - Illicit Discharge Detection and Elimination Program
    - Construction Site Pollutant Control Program
    - Post-Construction Storm Water Management Program
    - Pollution Prevention Program
      - Municipal Storm Water Management Facility (BMP) Inventory (*S050075-03 general permittees 2.6.1 - inventory due to the department by March 31, 2021.*)
      - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan (*S050075-03 general permittees 2.6.2 – document due to the department by March 31, 2021.*)
  
- Sign and Submit form

**Municipal Contact Information- Complete**

**Notice:** Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**Note:** Compliance items must be submitted using the Attachments tab.

**Municipality Information**

**Name of Municipality:** Weston, Village

**Facility ID # or (FIN):** 31060

**Updated Information:**  Check to update mailing address information

**Mailing Address:** 5500 Schofield Avenue

**Mailing Address 2:**

**City:** Weston

**State:** Wisconsin

**Zip Code:** 54476      xxxxx or xxxxx-xxxx

**Primary Municipal Contact Person (Authorized Representative for MS4 Permit)**

The "Authorized Representative" or "Authorized Municipal Contact" includes the municipal official that was charged with compliance and oversight of the permit conditions, and has signature authority for submitting permit documents to the Department (i.e., Mayor, Municipal Administrator, Director of Public Works, City Engineer).

Select to **create new** primary contact

**First Name:** Michael

**Last Name:** Wodalski

Select to **update** current contact information

**Title:** Director of Public Works

**Mailing Address:** 5500 Schofield Avenue

**Mailing Address 2:**

**City:** Weston

**State:** WI

**Zip Code:** 54476-4395      xxxxx or xxxxx-xxxx

**Phone Number:** 715-359-6114      Ext:      xxx-xxx-xxxx

**Email:** mwodalski@westonwi.gov

**Additional Contacts Information (Optional)**

- I&E Program
- IDDE Program
- IDDE Response Procedure Manual

**Individual with responsibility for:  
(Check all that apply)**

- Municipal-wide Water Quality Plan
- Ordinances
- Pollution Prevention Program
- Post-Construction Program
- Winter roadway maintenance

**First Name:** Dan

**Last Name:** Raczkowski

**Title:** Deputy Director

**Mailing Address:** 5500 Schofield Ave

**Mailing Address 2:**

**City:** Weston

**State:** WI

**Zip Code:** 54476      xxxxx or xxxxx-xxxx

**Phone Number:** 715-241-2632      Ext:      xxx-xxx-xxxx

**Email:** draczkowski@westonwi.gov

1. Does the municipality rely on another entity to satisfy some of the permit requirements? If yes, enter entity name (government, consultant, group/organization).

Yes    No

Public Education and Outreach: North Central Wisconsin Storm Water Coalition

Public Involvement and Participation: North Central Wisconsin Storm Water Coalition

Illicit Discharge Detection and Elimination:

Construction Site Pollutant Control:

Post-Construction Storm Water Management:

Pollution Prevention

2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

Yes    No

**Minimum Control Measures- Section 1 : Complete****1. Public Education and Outreach**

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Mechanism that best describes how the topic message was conveyed to your population. Use the **Add Activity** to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events).

<b>Topic:</b> Detection and elimination of illicit discharges			
<b>Mechanism</b>	<b>Quantity</b> (optional)	<b>Est. People Reached</b> (optional)	<b>Regional Effort?</b> (optional)
<u>Passive print media (brochures at front desk, posters, etc.)</u>	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<u>Educational activities (School presentations, summer camps, etc)</u>	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<u>Informational booth at event</u>	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<u>Website</u>	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<u>Government event (public hearing, council meeting, etc.)</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input checked="" type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

<b>Topic:</b> Management of materials that may cause storm water pollution from automobiles, pet waste, household hazardous waste and household practices			
<b>Mechanism</b>	<b>Quantity</b> (optional)	<b>Est. People Reached</b> (optional)	<b>Regional Effort?</b> (optional)
<u>Passive print media (brochures at front desk, posters, etc.)</u>	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<u>Other</u>	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

<b>Topic:</b> Beneficial onsite reuse of leaves and grass clippings/proper use of lawn and garden fertilizers and pesticides			
<b>Mechanism</b>	<b>Quantity</b> (optional)	<b>Est. People Reached</b> (optional)	<b>Regional Effort?</b> (optional)
	<u>Select...</u>	<u>Select...</u>	<input checked="" type="radio"/> Yes <input type="radio"/> No

Passive print media (brochures at front desk, posters, etc.)

Select all applicable audiences targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

**Topic:** Management of stream banks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
Educational activities (School presentations, summer camps, etc)	Select...	Select...	<input checked="" type="radio"/> Yes <input type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

**Topic:** Infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
Active distribution of print media (mailings, newsletters)	Select...	Select...	<input checked="" type="radio"/> Yes <input type="radio"/> No
Signage	Select...	Select...	<input checked="" type="radio"/> Yes <input type="radio"/> No
Direct one-on-one communication	Select...	Select...	<input type="radio"/> Yes <input checked="" type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

**Topic:** Inform and where appropriate educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
Direct one-on-one communication	Select...	Select...	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

**Topic:** Identify businesses and activities that may pose a storm water contamination concern, and where appropriate, educate specific audiences on methods of storm water pollution prevention

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
<u>Direct one-on-one communication</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

**Topic:** Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
<u>Direct one-on-one communication</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No
<u>Government event (public hearing, council meeting, etc.)</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

**Topic:** Other (describe):

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
<u>Select...</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable audiences targeted for this topic.

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

**b.** Brief Public Education and Outreach program information for inclusion in the Annual Report. If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

The North Central Storm Water Coalition runs a commercial every spring on the local news channels which targets Storm Water runoff. See attached list of activities.

## Minimum Control Measures - Section 2 : Complete

### 2. Public Involvement and Participation

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the mechanism that best describes how the topic message was conveyed to your population. Use the Add Activity to add multiple mechanisms. For Quantity, choose the range for number Mechanisms chosen (i.e., number of workshops, events).

Topic: Storm Water Management Plan and/or updates			
Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
<u>Website</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No
<u>Government Event (Public Hearing, Council Meeting, etc)</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable participants targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

Topic: Storm water related ordinance and/or updates			
Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
<u>Website</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No
<u>Government Event (Public Hearing, Council Meeting, etc)</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable participants targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

Topic: MS4 Annual Report			
Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
<u>Government Event (Public Hearing, Council Meeting, etc)</u>	<u>Select...</u>	<u>Select...</u>	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable participants targeted for this topic.

- Contractors  General Public  Public Employees  Residential  School Groups  
 Business  Developers  Industries  Other:

Topic: Volunteer Opportunities			
Mechanism	Quantity	Est. People Reached	Regional Effort?

	(optional)	(optional)	(optional)
Clean-up events	Select...	Select...	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable participants targeted for this topic.

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

Topic: Other (describe) : <input type="text"/>			
Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
Select...	Select...	Select...	<input type="radio"/> Yes <input type="radio"/> No

Select all applicable participants targeted for this topic .

- Contractors
  General Public
  Public Employees
  Residential
  School Groups  
 Business
  Developers
  Industries
  Other:

**b. Brief Public Involvement and Participation program information for inclusion in the Annual Report.**  
 If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

Please reference the NCWSC attachment.

Form 3400-224 (09/19)

### Minimum Control Measures - Section 3 : Complete

#### 3. Illicit Discharge Detection and Elimination

- a. How many total outfalls does the municipality have?   Unsure
- b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?   Unsure
- c. From the municipality's routine screening, how many were confirmed illicit discharges?   Unsure
- d. How many illicit discharge complaints did the municipality receive?   Unsure
- e. From the complaint received, how many were confirmed illicit discharges?   Unsure
- f. How many of the identified illicit discharges did the municipality eliminate in the reporting year?   Unsure

(If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)

- g. How many of the following enforcement mechanisms did the municipality use to enforce its illicit discharge ordinance? Check all that apply and enter the number of each used in the reporting year.  Unsure

- Verbal Warning   
 Written Warning (including email)

Notice of Violation

0

Civil Penalty/ Citation

0

0

Additional Information: No Illicit Discharges were found or reported in 2019.

- h. Brief Illicit Discharge Detection and Elimination program information for inclusion in the Annual Report. If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

See attached report for the Illicit Discharge Detection and Elimination Inspections.

Form 3400-224 (08/19)

## Minimum Control Measures - Section 4 : Complete

### 4. Construction Site Pollutant Control

- a. How many total construction sites were active at any point in the reporting year?   Unsure
- b. How many construction sites did the municipality issue permits for in the reporting year?   Unsure
- c. Do the above numbers include sites <1 acre?  Yes  No  Unsure
- d. How many erosion control inspections did the municipality complete in the reporting year?   Unsure

- e. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.  Unsure

No Authority

Verbal Warning

14

Written Warning (including email)

8

Notice of Violation

Civil Penalty/ Citation

Stop Work Order

1

Forfeiture of Deposit

Other - Describe below

- f. Brief Construction Site Pollutant Control program information for inclusion in the Annual Report. If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

Village Staff enforces the N.R. 151 DNR Standard on Construction Site Erosion Control. Enforcement occurs as part of regular on site inspections for building projects. Some of the active sites in 2019 were initially permitted in 2018.

**Minimum Control Measures - Section 5 : Complete**

**5. Post-Construction Storm Water Management**

a. How many sites with new structural storm water management facilities\* have received local approval ?   Unsure

\*Engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins, grassed swales, permeable pavement, catch basin sumps, etc.

b. How many privately owned storm water management facilities were inspected in the reporting year ?   Unsure

Inspections completed by private land owners should be included in the reported number.

c. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism?  Unsure  
Check all that apply and enter the number of each used in the reporting year.

- No Authority
- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- Forfeiture of Deposit
- Complete Maintenance
- Bill Responsible Party
- Other - Describe below

d. Brief Post-Construction Storm Water Management program information for inclusion in the Annual Report . If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

**Minimum Control Measures - Section 6 : Complete**

**6. Pollution Prevention**

Storm Water Management Facility Inspections (ponds, biofilters, etc.)  Not Applicable

a. Enter the total number of municipally owned or operated structural storm water management facilities ?   Unsure

b. How many new municipally owned storm water management facilities were installed in the reporting year ?   Unsure

c. How many municipally owned storm water management facilities were inspected in the reporting year?   Unsure

d. What elements are looked at during inspections (250 character limit)?

Vegetation maintenance, erosion, structural integrity, illicit discharges.

e. How many of these facilities required maintenance?   Unsure

Public Works Yards & Other Municipally Owned Properties (SWPPP Plan Review)  Not Applicable

f. How many inspections of municipal properties have been conducted in the reporting year?   Unsure

g. Have amendments to the SWPPPs been made?  Yes  No  Unsure

h. If yes, describe what changes have been made (200 character limit):

Collection Services - *Street Sweeping / Cleaning Program*  Not Applicable

i. Did the municipality conduct street sweeping/cleaning during the reporting year?  
 Yes  No  Unsure

j. If known, how many tons of material was removed?   Unsure

k. Does the municipality have a low hazard exemption for this material?  Yes  No

l. If street cleaning is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?

Yes

No - Explain \_\_\_\_\_

Not Applicable

Collection Services - *Catch Basin Sump Cleaning Program*  Not Applicable

m. Did the municipality conduct catch basin sump cleaning during the reporting year?  
 Yes  No  Unsure

n. How many catch basin sumps were cleaned in the reporting year?   Unsure

o. If known, how many tons of material was collected?   Unsure

p. Does the municipality have a low hazard exemption for this material?  Yes  No

q. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?

Yes

No - Explain \_\_\_\_\_

Not Applicable

Collection Services - *Leaf Collection Program*  Not Applicable

- r. Does the municipality conduct curbside leaf collection?  Yes  No  Unsure
- s. Does the municipality notify homeowners about pickup?  Yes  No  Unsure
- t. Where are the residents directed to store the leaves for collection?  
 Pile on terrace  Pile in street  Bags on terrace  Unsure  
 Other - Describe \_\_\_\_\_
- u. What is the frequency of collection?  
 Once in Spring and twice in the Fall \_\_\_\_\_
- v. Is collection followed by street sweeping/cleaning?  Yes  No  Unsure

Winter Road Management  Not Applicable

\*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

- w. How many lane-miles of roadway is the municipality responsible for doing snow and ice control?   Unsure
- x. Provide amount of de-icing products used by month last winter season?  
 Solids (tons) (ex. sand, or salt-sand)

Product	Oct	Nov	Dec	Jan	Feb	Mar
Salt	<input type="text" value="0"/>	<input type="text" value="500"/>	<input type="text" value="725"/>	<input type="text" value="875"/>	<input type="text" value="220"/>	<input type="text" value="200"/>
Salt/sand mix	<input type="text" value="0"/>	<input type="text" value="90"/>	<input type="text" value="140"/>	<input type="text" value="180"/>	<input type="text" value="120"/>	<input type="text" value="30"/>

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
Brine	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="500"/>	<input type="text" value="1238"/>	<input type="text" value="1725"/>	<input type="text" value="0"/>

- y. Was salt applying machinery calibrated in the reporting year?  Yes  No  Unsure
- z. Have municipal personnel attended salt reduction strategy training in the reporting year?  Yes  No  Unsure

If yes, describe what training was provided (250 character limit):

When:

How many attended:

Internal (Staff) Education & Communication

- aa. Has training or education been held for municipal or other personnel involved in implementing each of the pollution prevention program elements?  Yes  No  Unsure

If yes, describe what training was provided (250 character limit):

When:

How many attended:

ab.

Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs and its requirements.

**Elected Officials**

Elected Officials are updated annually with the submission of the annual report and as topics arise throughout the year.

**Municipal Officials**

Through site plan submissions and as other projects come up officials are updated on current regulations.

Appropriate Staff ( such as operators, Department heads, and those that interact with public)

Review the construction site erosion control guide with staff, inspectors and the public as projects are submitted.

- ac. Brief Pollution Prevention program information for inclusion in the Annual Report . If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

**Minimum Control Measures - Section 7 : Complete**

**7. Storm Sewer System Map**

- a. Did the municipality update their storm sewer map this year?  Yes  No  Unsure

If yes, check the areas the map items that got updated or changed:

- Storm water treatment facilities
- Storm pipes
- Vegetated swales
- Outfalls
- Other - Describe below

- b. Brief Storm Sewer System Map information for inclusion in the Annual Report. If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

See attached Map

**Final Evaluation - Complete****Fiscal Analysis**

Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

<b>Annual Expenditure</b> Reporting Year	<b>Budget</b> Reporting Year	<b>Budget</b> Upcoming Year	<b>Source of Funds</b>
---	---------------------------------	--------------------------------	------------------------

**Element:** Public Education and Outreach

1250	1500	2000	<u>Storm water utility</u>
------	------	------	----------------------------

**Element:** Public Involvement and Participation

192	433	200	<u>Storm water utility</u>
-----	-----	-----	----------------------------

**Element:** Illicit Discharge Detection and Elimination

75	100	100	<u>Storm water utility</u>
----	-----	-----	----------------------------

**Element:** Construction Site Pollutant Control

0	0	0	<u>Storm water utility</u>
---	---	---	----------------------------

**Element:** Post-Construction Storm Water Management

176,164	119,468	139,592	<u>Storm water utility</u>
---------	---------	---------	----------------------------

**Element:** Pollution Prevention

20068	22313	20120	<u>Storm water utility</u>
-------	-------	-------	----------------------------

**Element:** Storm Water Quality Management

0	0	0	<u>Storm water utility</u>
---	---	---	----------------------------

**Element:** Storm Sewer System Map

0	0	0	<u>Storm water utility</u>
---	---	---	----------------------------

**Other (describe)**


<input type="text"/>	<input type="text"/>	<input type="text"/>	<u>Select...</u>
----------------------	----------------------	----------------------	------------------

Please provide a justification for a "0" entered in the Fiscal Analysis

We do not have separate accounts for all of the categories asked for in the report so it is difficult to state exactly how much of the fund is broken out between each category.

## Water Quality

**a:** Were there any known water quality improvements in the receiving waters to which the municipality's storm sewer system directly discharges to?

Yes  No  Unsure      If Yes, explain below:

**b:** Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

Yes  No  Unsure      If Yes, explain below:

**c:** Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year?

Yes  No  Unsure

**d:** Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

Yes  No  Unsure

## Additional Information

Based on the municipality's storm water program evaluation, describe any proposed changes to the municipality's storm water program. If your response exceeds the 250 character limit, attach supplemental information on the attachments page.

The Village will be updating it's Stormwater Management Plan in 2020.

**Requests for Assistance on Understanding Permit Programs**

Would the municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control
- Post-Construction Storm Water Management
- Pollution Prevention
- Storm Water Quality Management
- Storm Sewer System Map
- Water Quality Concerns
- Compliance Schedule Items Due
- MS4 Program Evaluation

## Required Attachments and Supplemental Information

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

\*Required Item

**Note:** To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

### Attach - Other Supporting Documents

#### AR EO

 File Attachment

[2019NCWSC--PublicEducationandOutreachTable.docx](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

### Attach - Permit Compliance Documents

#### IDDE Program

 File Attachment

[2019MS4IDDReport.docx](#)

#### PP BMPInventory

 File Attachment

[MunicipalCenterMap.pdf](#)

#### PP BMPInventory

 File Attachment

[StormMS4\\_110322\\_11x17.pdf](#)

#### PP BMPInventory

 File Attachment

[RyanStMap.pdf](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

- Storm Water Management Program (*S050075-03 general permittees shall have a written storm water management program that describes in detail how the permittee intends to comply with the permit requirements for each minimum control measure. Updated programs are due to the department by March 31, 2021.*)
  - Public Education and Outreach Program
  - Public Involvement and Participation Program
  - Illicit Discharge Detection and Elimination Program
  - Construction Site Pollutant Control Program
  - Post-Construction Storm Water Management Program
  - Pollution Prevention Program
    - Municipal Storm Water Management Facility (BMP) Inventory (*S050075-03 general permittees*)

*2.6.1 - inventory due to the department by March 31, 2021.)*

- Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan (*S050075-03 general permittees 2.6.2 – document due to the department by March 31, 2021.)*)

## Sign and Submit Your Application

### Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Submit and Send to the DNR button

**NOTE:** For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

### Terms and Conditions

**Certification:** I hereby certify that I am an authorized representative of the municipality covered under Weston, Village MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Signee (must check current role prior to accepting terms and conditions)

- Authorized municipal contact using WAMS ID.
- Delegation of Signature Authority ( Form 3400-220 ) for agent signing on the behalf of the authorized municipal contact.
- Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

**Name:** Michael Wodalski

**Title:** Director of Public Works

Authorized Signature.

- I accept the above terms and conditions.

Signed by : i:0#.f|wamsmembership|mwodalski on 2020-03-31T11:43:06

You have already signed and submitted this application to the DNR. Please [contact the Wisconsin DNR](#) for assistance.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.

## Public Education and Outreach

**Goal: Increase awareness of storm water pollution on surface waters.**

Topic Area	Delivery Mechanism	Target Audience	Active or Passive	Measurement Tools
1. Illicit Discharge Detection and Elimination				
	a. Village of Rothschild – Becker, Schmidt and Peggy Lane Reconstruction Project, installation of stormwater inlets with top cast as “Dump no Waste, Drains to River”.	General Public	Passive	Local residents along project site.
2. Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing				
	a. Rubber Ducky, 30-second TV commercials.	General Public for 9-county area	Passive	1-week campaign before an on Earth Day, on the following stations: WAOW, WSAW, & WZAW
	b. Rubber Ducky, 30-second TV commercials.	General Public in Baraboo	Passive	1-week campaign on Retro TV43
	c. Sponsorship of PaddleQuest (a 3-day event in August that sends canoers and kayaker teams onto the Wisconsin River to gather trash, play games and solve riddles at checkpoints to score tokens).	Portage County’s General Public	Active	About 50 teams of 3 pay to play. Advertising for this event reaches into the broad community.
	d. Wisconsin River Cleanup – presentation at the welcome event for participants.	Marathon County General Public	Active	About 300 kids clean up areas in the Wisconsin River, one-time event in spring on Lake Wausau.
	e. Looping Rubber Ducky Educational infomercial in the Village of Rothschild lobby	General Public	Passive	Village of Rothschild walk-in customers/visitors.

## Public Education and Outreach

Topic Area	Delivery Mechanism	Target Audience	Active or Passive	Measurement Tools
3. Yard Waste Management/Pesticide and Fertilizer Application				
	a. Farm Tech Days 2018 booth.	Generally farmers from across the state	Active	40,000 participants
	b. On November 20, 2019, the Coalition Chair and UW-Extension gave a nonpoint pollution presentation and gave free phosphorus t-shirts at DC Everest.	High school students	Active	36 students
	c. On November 15, 2019, the Coalition Chair and UW-Extension gave a nonpoint pollution presentation and gave free phosphorus t-shirts at Mosinee High School.	High school students	Active	10 students
	d. On October 15, 2019, the Coalition Chair and UW-Extension gave a nonpoint pollution presentation and gave free phosphorus t-shirts at Stevens Point High School.	High school students	Active	31 students
	e. On November 12, 2019, the Coalition Chair and UW-Extension gave a nonpoint pollution presentation and gave free phosphorus t-shirts at Wausau West High School.	High school students	Active	40 students
	f. On November 11, 2019, the Coalition Chair and UW-Extension gave a nonpoint pollution presentation and gave free phosphorus t-shirts at Wisconsin Rapids High School.	High school students	Active	39 students
	g. Village of Rothschild – MS4 Stormwater informational Article – Spring 2019 Newsletter	General Public	Passive	Village of Rothschild residents
	h. Village of Weston – Farmer’s Market Event on May 18, 2019.	General Public	Active	Equipment such as the street sweeper and leaf vacuum truck were on display at the Weston Farmer’s market. Staff was stationed at the vehicles to tell people what the equipment is used for. This was very popular with kids climbing into the trucks and then talking with the parents on the purpose and need of the equipment. Also, proper placement of yard waste and other items was discussed.

## Public Education and Outreach

4. Stream and Shoreline Management				
	a. Presentation and t-shirts given away at each Member community's FFA chapter.	All Member Community FFA Chapters	Active	Over 500 FFA members
	a. _____.			
	b. _____.			
5. Residential Infiltration				
	a. Rain garden located at 5500 Schofield Ave, Weston, WI	General Public of Weston	Passive	50+ people pass by it daily.
	b. Website has rain garden information on it.	Weston Residents	Passive	unknown
	c. _____.			
6. Construction Sites and Post-Construction Storm Water Management				
	a. Construction Site Erosion Control Field Guide.	Contractors	Active	Field guide provided to up to 20 contractors who came in for permits. During inspections field guides are referenced when talking to contractors to ensure they understand what needs to be done.
	b. Contractor training event.	Contractors in Wausau	Active	10 contractors participated.
	c. _____.			
	d. _____.			

## Public Education and Outreach

Topic Area	Delivery Mechanism	Target Audience	Active or Passive	Measurement Tools
7. Pollution Prevention				
	a. Marathon County Highway Department provided a walkthrough at the highway shop.	Students	Active	Over 50 students.
	b. On May 22, 2019, the City of Stevens Point Public Utilities Department gave a tour and presentations to 134 4 <sup>th</sup> grade students and 15 faculty members.	Students and faculty	Active	134 students
	c. On November 11, 2019, Marathon County Highway Department provided a tour of their facilities to cub scouts and parents to learn about winter maintenance including controlling and reducing salt usage on county highways shop.	Cub scouts and parents	Active	65-70 scouts 30-40 parents
8. Green Infrastructure/ Low Impact Development				
	a. Rain garden located at _____.	General Public for _____	Passive	__#__ of people pass by it daily.
	b. Website has rain garden information on it.	General Public	Passive	(unknown if anyone is linking to this)
	a. _____.			



# **Village of Weston**

## **MS4 Illicit Discharge Survey**

### **Dry Weather – Major Outfalls**

**2019**

## **Summary**

As part of the Village’s General Permit to discharge under the Wisconsin Pollutant Discharge Elimination System (WPDES), the Village is required to implement and enforce a program to remove illicit connections and discharges to the Municipal Separate Storm Sewer System (MS4). To begin this program, initial field screening at all major outfalls during dry weather periods has to be conducted, which this report summarizes.

The Village’s storm water system contains sixteen (16) major outfalls (discharge points). “Major” having one of the two following meanings: (1) Pipes with an inside diameter of 36 inches or more or equivalent conveyance which is associated with a drainage area of more than 50 acres; (2) Pipes with an inside diameter of 12 inches or more or equivalent conveyance which receives storm water runoff from land zoned for industrial activity with 2 or more acres of industrial activity, but not land zoned for industrial activity that does not have any industrial activity present.

A discharge flow was observed in five (5) of the outfalls during “dry weather” conditions. All of the water quality testing from the 5 outfalls indicated there were no typical “illicit” discharges occurring at the time of the sampling.

Storm water from the Village drains to five water bodies. Northeast Weston drains to Big Sandy Creek, the south portion of the eastern extent of the Village drains to Bull Junior Creek, southern Weston drains to Cedar Creek, the north, western and central portions of the Village drain to the Eau Claire River, and the west central portion of the Village drains through the Village of Rothschild into the Wisconsin River.

## **Introduction**

The Weston storm sewer system is a mix of older storm sewers and relatively new piping systems. The majority of the system falls into the 0-20 year range with replacements and updates being done yearly. Weston has been a fast growing municipality and as such, many of the utilities are updated regularly.

All together, the Weston systems collect and transport storm water from residential, commercial and industrial areas within the Village. Weston has two storm sewers that discharge into Rothschild en route to the Wisconsin River which are located on Jelinek Ave. and Heuss Ave.

## **Inventory**

The Village met with Brad Johnson of the Wisconsin Department of Natural Resources (WDNR) on September 25, 2011 to go over the major outfalls in the Village of Weston. It was agreed upon that past maps which have been sent to the WDNR did not correctly identify/classify the major outfalls, and as such there are now 16 major outfalls in the Village of Weston as shown on the attached map. The major outfalls that were listed previously included cross culverts and outfalls that fed into detention basins and were not direct flows into a water body. As such, the attached map has these previous outfalls listed as either exempt or shown correctly as a culvert.

From a study conducted in 2009, there are 75 drainage basins in the Village which are serviced by storm sewers. Some are as small as a single curb/gutter inlet and a single pipe discharging into an adjacent grassed swale, while others service an extensive area with many catch basins and pipe segments. These smaller basins all contribute to the major detention basins which are shown on the attached map.

As noted above, there are sixteen (16) major outfalls identified in the Village of Weston. Two (2) of these outfalls convey storm water to the Village of Rothschild at Heuss Ave. and Jelinek Ave.

One (1) outfall is only 12 in. and would not typically be considered a major outfall, but after discussions with Brad Johnson of WDNR this outfall was added, and is located just south of STH 29 at Birch St. One of the main reasons for this addition is that this outfall serves the Hospital area and drains directly into a wetland system.

**Table 1: Village of Weston Major Outfalls**

Outfall Number	Pipe Size (in)	Receiving Body	Discharge Location	Basin Land Use
WR-1	54	Wisc. River	Heuss Ave. @ Rothschild/Weston Border	Residential, Institutional
WR-2	36	Wisc. River	Jelinek Ave. @ Rothschild/Weston Border	Residential, Institutional, Commercial
ECR-1	72	Eau Claire River	Northeast corner of Pleasant View Dr.	Residential, Commercial, Industrial
ECR-2	72	Eau Claire River	~1,000 ft. east of Camp Phillips Rd. at Eau Claire Ave.	Residential, Industrial, Institutional
ECR-3	60	Eau Claire River	North end of LeDuc St.	Residential, Industrial
ECR-4	42	Big Sandy Creek	West end of Cathy St.	Residential
ECR-5	36	Big Sandy Creek	West end of Alex St.	Residential
ECR-6	24	Eau Claire River	East end of Morning View St.	Residential
ECR-7	36	Eau Claire River	River Bend Rd., by N Apache Ln.	Residential
ECR-8	24	Eau Claire River	West end of Kiowa Ln.	Residential
ECR-9	36	Eau Claire River	Meridian Ave. extended on east side of Weston Dog Park	Industrial
ECR-10	24	Eau Claire River	West end of Lang Ln.	Residential
ECR-11	84	Eau Claire River	North end of Ryan St.	Residential, Industrial
ECR-12	48	Eau Claire River	Callon Ave. between Zinser St. and Dusk St.	Residential, Industrial
CC-1	12	Wisc. River	Birch St. at south side of STH 29	Commercial, Institutional
CC-2	54	Cedar Creek	SE corner of Meadow Rock Dr. and Camp Phillips Rd.	Commercial, Industrial

## Dry Weather Flows

Dry weather flows were observed in the following five (5) Major Outfalls:

1. **WR-1:** This 54-inch pipe is located on Heuss Avenue and flows into the Village of Rothschild's system at Volkman Street. A constant dry weather flow over one-inch was observed. Sample was taken via manhole on Heuss Avenue. The area served is mainly between Birch St to the East, STH 29 to the South and Neupert Ave to the North. This area consists of primarily residential and institutional land users.



**Picture 1: Pipe with an Arrow is the pipe that drains water from the Kennedy Park Stream down to Heuss Avenue. This pipe has a slightly lower invert than the other three pipes which flow down Jelinek Avenue. Sample was taken further downstream via a manhole on Heuss Avenue.**

2. **WR-2:** This 42-inch pipe is located on Jelinek Avenue and flows into the Village of Rothschild's system at Business Highway 51. A constant dry weather flow over one-inch was observed. Sample was taken via a manhole at the corner of Jelinek Ave and Machmueller St. The area served is mainly between Birch St to the East, Everest Ave to the South and Neupert Ave to the North. This area consists of primarily residential and institutional land users. WR-1 and WR-2 are fed via the stream flowing through Kennedy Park between Alderson St. and Alta Verde St.



Picture 2: WR-2 (Intersection of Machmueller St and Jelinek Ave looking West towards BUS 51.

3. **ECR-2:** This 72-inch outfall located approximately 1,000 ft. east of Camp Phillips Rd. at Eau Claire Ave. serves the north central part of the Village's storm water system. A constant dry weather flow over one-inch was observed. The area served is mainly between Ross Ave. and E. Everest Ave. from just west of Camp Phillips Rd. to Von Kanel St. This area consists of both residential and industrial customers, along with Weston Elementary School.



Picture 4: ECR-3 (~1,000 ft. east of Camp Phillips Rd. at Eau Claire Ave.)

4. **ECR-9**: This 36-inch outfall located approximately 800 ft. east of Regent St. at Meridian Ave. serves just a small area consisting mainly of Meridian Ave. Regent St. and Saxon Ave. A dry weather flow of one-inch or less was observed. This area consists solely of industrial customers.



Picture 1: ECR-9 (~800 ft. east of Regent St. at Meridian Ave.)

5. **CC-1**: This 12-inch outfall located just south of STH 29 at Birch St. serves the northern part of the Village's storm water system around the hospital. A dry weather flow of about one-inch was observed. The area served is mainly Stone Ridge Dr., Ministry Parkway, Cranberry Blvd. and the Hospital. This area consists of commercial and institutional customers.



Picture 5: CC-1 (south of STH29 at Birch St.)

## Water Quality

Dry weather flows were observed in Ten (10) of the major outfalls. Observations were made at least three days after the most recent rainfall event. Water quality tests were completed utilizing Hach Storm Water Test Kit Cat. No. 24813-00. No illicit discharges were observed. Results are presented in Table 2 below.

**Table 2: Field Test Results**

OUTFALL	TEMP °F	pH	CHLORINE	COPPER	PHENOLS	DETERG
WR-1	52	8.4	0.0	0 / 0 = 0	0.0	0.0
WR-2	52	8.9	0.0	0 / 0 = 0	0.0	0.0
ECR-1	55	8.9	0.0	0 / 0 = 0	0.0	0.0
ECR-2	55	8.9	0.0	0 / 0 = 0	0.0	0.8
ECR-7	57	8.8	0.0	0 / 0 = 0	0.0	0.0
ECR-9	46	8.1	0.0	0 / 0 = 0	0.0	0.0
ECR-11	50	8.9	0.0	0 / 0 = 0	0.0	0.0
ECR-12	50	8.9	0.0	0 / 0 = 0	0.0	0.0
CC-1	48	9.0	0.0	0 / 0 = 0	0.0	0.0
CC-2	46	9.2	0.0	0 / 0 = 0	0.0	0.0

Outfalls were observed on 10-8-19 and 10-18-2019

**APPENDIX A**

**VILLAGE OF WESTON STORM SEWER MAP**

# Storm Sewer System Map



**Legend**

**Storm Sewer DIAMETER**

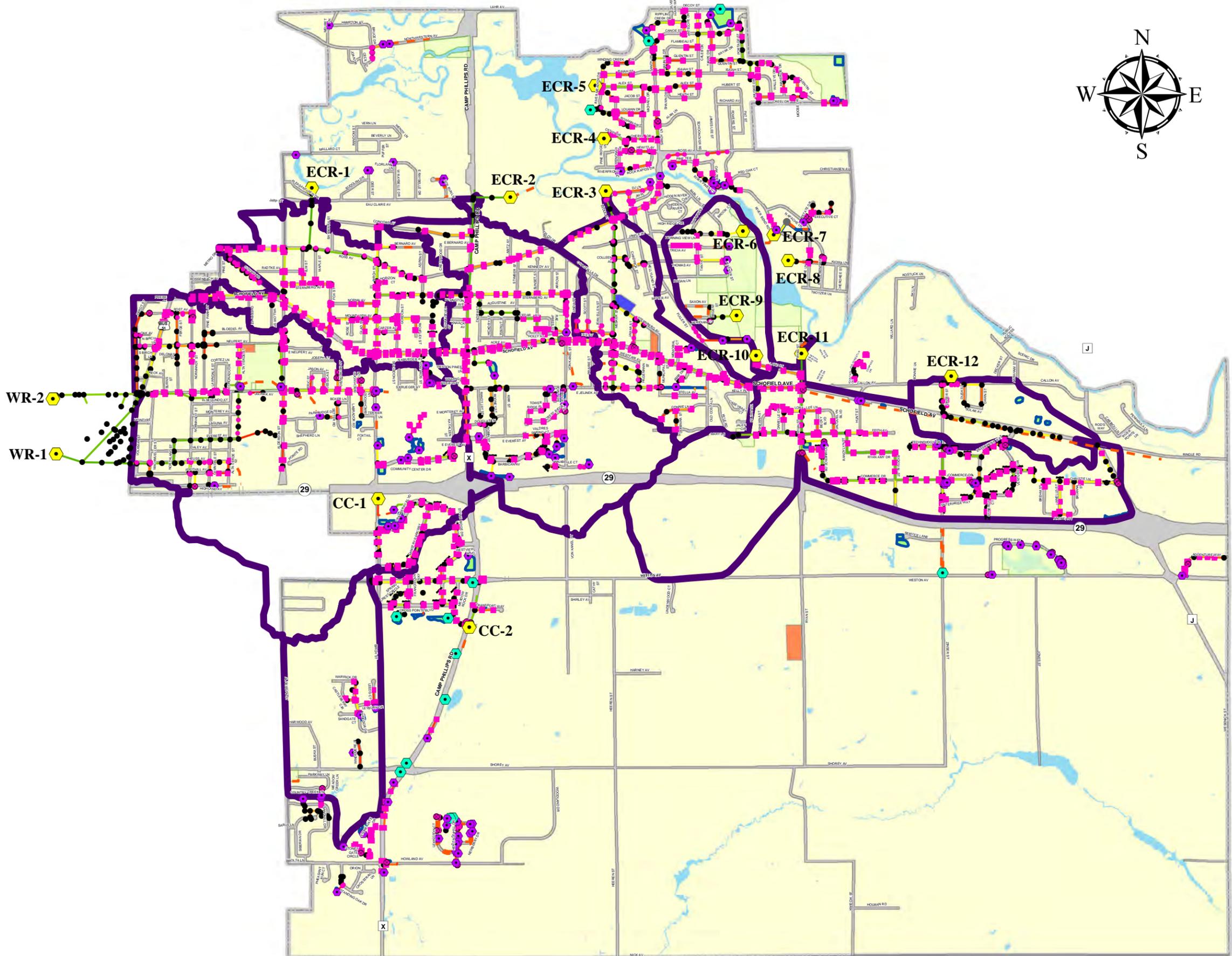
- 84
- 76
- 72
- 60
- 54
- 48
- 42
- 36
- 32
- 30
- 27
- 24
- 21
- 18
- 15
- 12
- 10
- 8
- 6

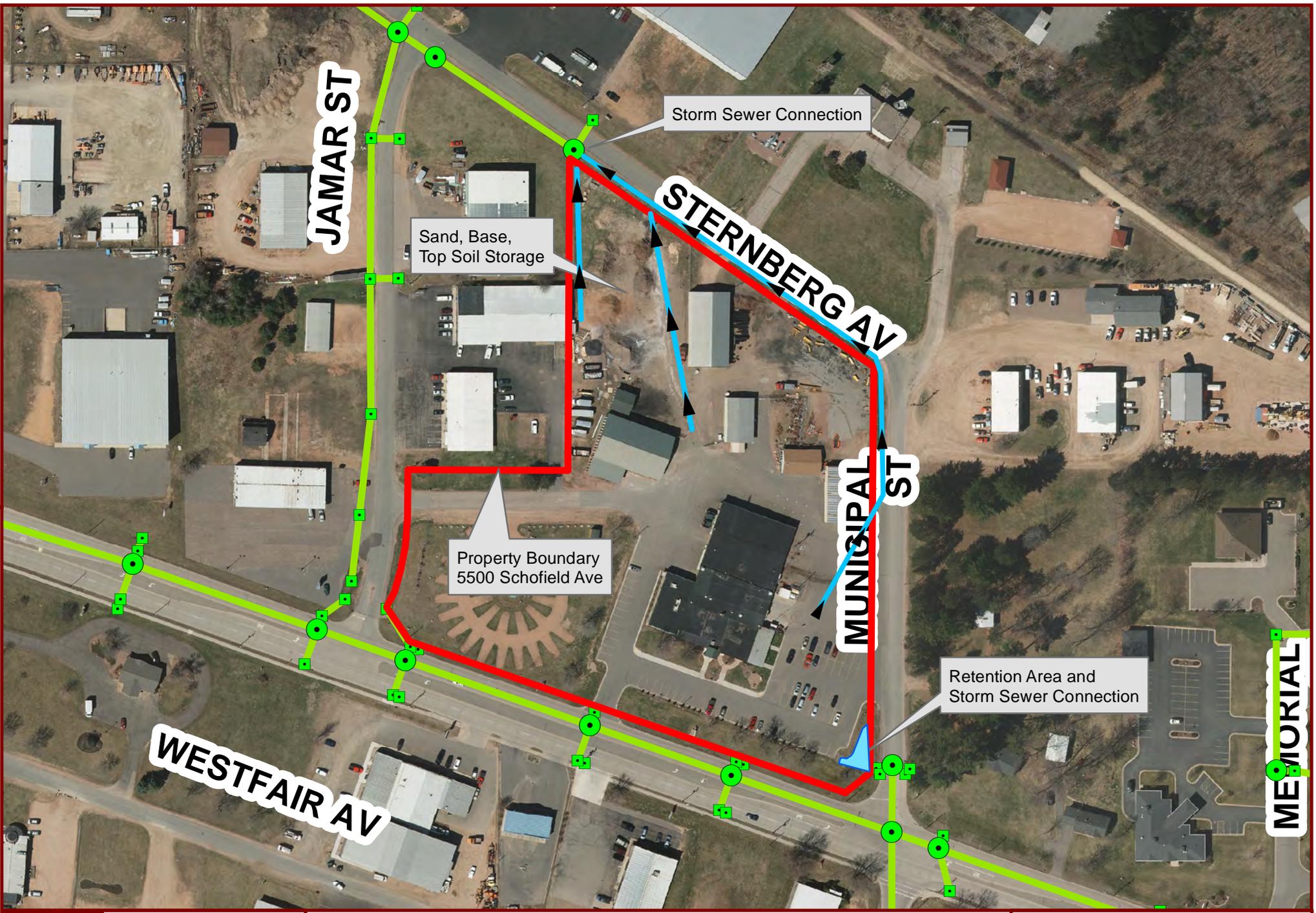
**Outfalls**

- Minor
- Major
- Major, Exempt
- <all other values>

**Inlet Type**

- Catch Basin
- Endwall
- Inlet
- Manhole
- Culvert
- Ditch
- Basin Boundary
- Detention Pond
- Drainage\_basins
- Municipal Garages, Storage Areas
- Park
- Safety Building, Garages
- Water






**Village of Weston**  
Municipal Center  
5500 Schofield Ave

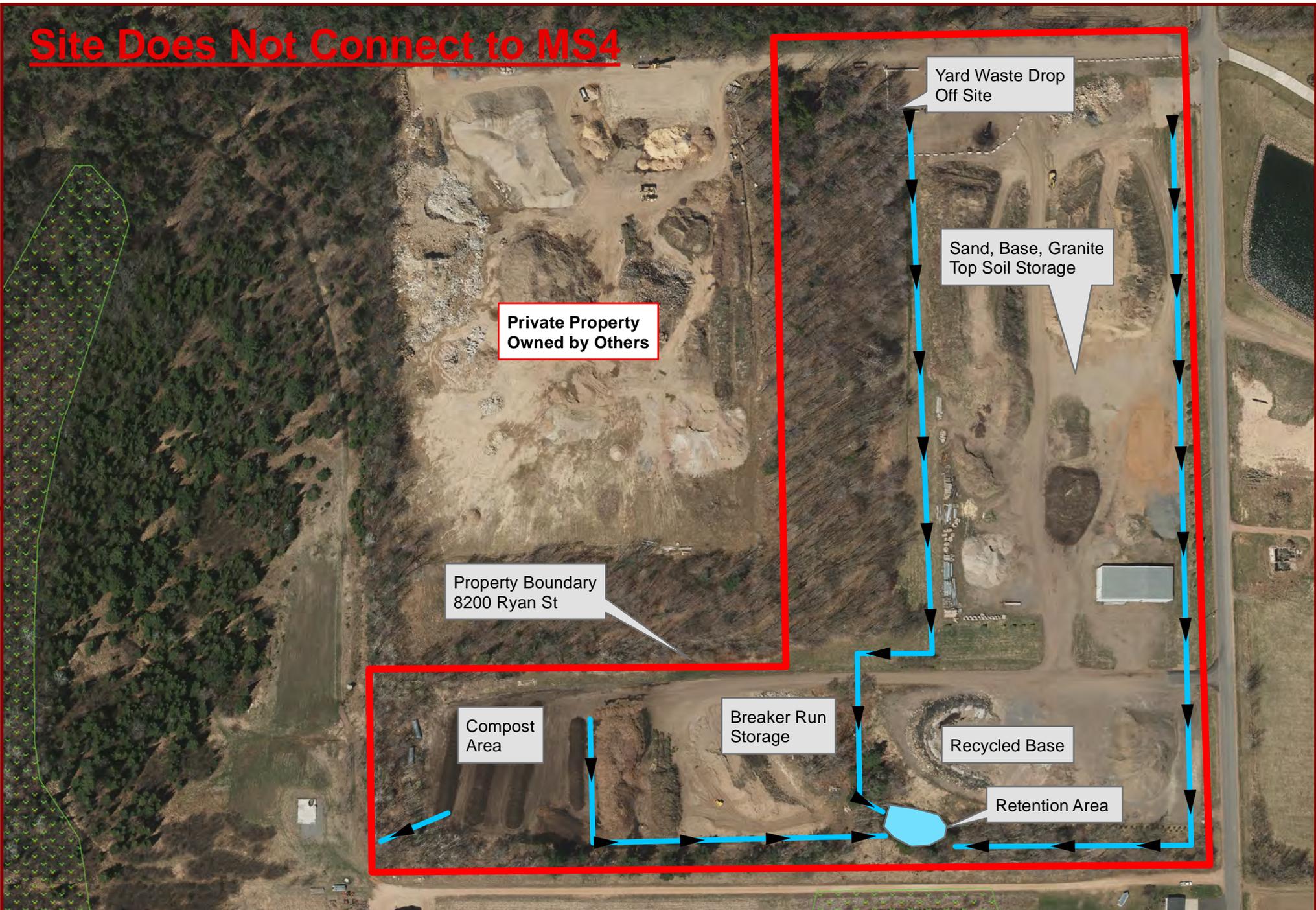
**Legend**

- Storm Manhole
- Storm Inlet
- Storm Sewer
- ▶ Drainage Pattern



0 75 150 300  
Feet

# Site Does Not Connect to MS4



 <b>Village of Weston</b> Yard Site 8200 Ryan St	<b>Legend</b>			
	 Storm Manhole	 Storm Sewer	 Drainage Pattern	
	 Storm Inlet	 Wetlands		
				
				0 75 150 300 Feet

# REQUEST FOR CONSIDERATION

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<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Acknowledge Preliminary Draft of Water System Study Report regarding Capital Improvements</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works Josh Swenson, Utility Superintendent</b>
<b>Question:</b>	<b>Should the Public Works Committee acknowledge the Preliminary Draft of the Water System Study Report regarding Capital Improvements?</b>

---

## Background

We are nearing the end stages of the water system master plan study and included in the packet is the section related to the capital improvement recommendations from AECOM. This is one of the final steps before wrapping up the completed study. This item is for informational purposes as we begin discussing the needs for future system improvements over the coming years.

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**Attached Docs:** - Preliminary Draft of the Improvement Plan

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**Committee Action:** - N/A

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**Fiscal Impact:** - Projected Capital Costs are included in the report

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**Recommendation:** Staff recommends acknowledging the report.

## Recommended Language for Official Action

**I Recommend acknowledgement of the Draft Water System Improvement Planning Report.**

**Or, Something else**

---

Additional action:

# Water Master Plan Improvement Planning Workshop

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June 4, 2020 – 9:00 am

## Agenda

- ◆ **Water System Evaluation Summary**
- ◆ **Future Supply/Storage**
  - ◆ Recommended Supply Improvements
  - ◆ Recommended Storage Improvements
- ◆ **Recommended System Improvements**
  - ◆ Recommended Iron and Manganese Water Treatment Plant
  - ◆ Recommended Water Distribution System Improvements
  - ◆ Recommended Water System Mains for Development
  - ◆ Recommended Water System Master Plan
- ◆ **Water System Evaluation with Improvements**
  - ◆ Available Fire Flows
  - ◆ Fire Flow Adequacy
  - ◆ Water System Pressures
- ◆ **Kerry System**
  - ◆ Reliable Supply
  - ◆ Rothschild Connection
  - ◆ Kerry Tower/Well Pump
  - ◆ Water Quality
  - ◆ Generator
- ◆ **Capital Improvement Plan**
- ◆ **Well 7 and Building Design**

TABLE 9-1: SUMMARY OF WATER SYSTEM EVALUATION

Main System	
Well Water Quality	
<ul style="list-style-type: none"> <li>Well 1 (Alta Verde) exceeds the secondary standards for TDS, manganese, and iron.</li> <li>Well 5 (Bloedel) exceeds the secondary standards for manganese.</li> <li>Well 3 (Mesker) exceeds the secondary standards for manganese and iron.</li> <li>Corrosion control is managed through pH adjustment and blended phosphate addition.</li> </ul>	<ul style="list-style-type: none"> <li>Well 4 (Sternberg) and Well 6 (Rippling Creek) appear to meet secondary standards.</li> <li>The water treatment facility for Wells 3 and 4 provides pH adjustment through the air stripping tower (no longer needed for VOC treatment).</li> <li>Wells 1, 5, and 6 pH adjustment is completed with chemical feed systems.</li> </ul>
Supply	
<ul style="list-style-type: none"> <li>Existing Reliable Well Capacity: 3.31 MGD</li> <li>Design 2020 Maximum Day Demand: 3.43 MGD</li> <li>Design 2040 Maximum Day Demand: 5.98 MGD</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate reliable supply capacity to meet existing design maximum day demands (-0.1 MGD)</li> <li>Deficiency in reliable supply capacity projected to increase to ~2.7 MGD by 2040.</li> </ul>
Storage	
<ul style="list-style-type: none"> <li>Existing storage deficiency of approximately 0.4 MG (storage requirement 1.26 MG).</li> <li>Future storage deficiency projected to be approximately 0.79 MG (storage requirement 1.64 MG).</li> <li>Not currently filling existing storage tanks.</li> </ul>	
System Reliability	
<ul style="list-style-type: none"> <li>Single river crossing at Ross Avenue to distribution system north of Eau Claire River (single well north of river, Rippling Creek Well)</li> <li>The Utility can maintain water supply (existing and projected future average day demands) provided with auxiliary sources of power in the event of a power emergency or interruption. The Utility has standby power/engine at Well 1 (Alta Verde), Well 3 (Mesker/WTP), Well 4 (Sternberg), Well 5 (Bloedel), Well 6 (Rippling Creek).</li> </ul>	
Water System Pressures	
Minimum System Pressures: ~40 to 45 psi	Minimum pressure near Summit Tower and near the hospital along Weston Avenue.
Maximum System Pressures: ~90 to 95 psi	Maximum pressure near the Village of Rothschild.
Average System Pressure: ~75 psi	
Per NR 811, the minimum and maximum normal static pressure in the distribution system shall be 35 psi and 100 psi, respectively. The system pressure shall be maintained at a minimum of 20 psi under emergency conditions.	
Available Fire Flows	
Approximately 89 percent of the hydrants meet the fire flow requirements.	Fire Flow Requirements: 500 gpm to 3,500 gpm
<p>Areas deficient include:</p> <ul style="list-style-type: none"> <li>Near Saint Clare's Hospital along Weston Avenue/Birch Street (3,500 gpm requirement)</li> <li>Industrial areas (3,500 gpm requirements) south of Highway 29 on east side of Village (dead ends)</li> <li>Commercial area/dead end south of Highway 29 east side of Village</li> <li>Multi-family areas along Winding Ridge Way and Weston Pines Lane (2,500 gpm requirement)</li> <li>Near YMCA on Howland Avenue (south dead end, 3,500 gpm requirement)</li> <li>Northern industrial area along Bernard Avenue (3,500 gpm requirement)</li> <li>Multi-family area served by dead end in Village of Rothschild</li> <li>Near DC Everest Senior High School along Alderson Street</li> <li>Multiple dead ends</li> </ul>	
Hydraulic Capacity (Headloss/Velocity)	
<ul style="list-style-type: none"> <li>No water mains have higher than recommended velocities or headlosses.</li> </ul>	<p>Guidelines</p> <ul style="list-style-type: none"> <li>AWWA Manual M32 recommends that all pipe velocities should be less than 4 to 6 feet per second (fps) during normal operation.</li> <li>AWWA Manual M32 recommends headlosses in pipes less than 16-inches in diameter should be less than 5 to 7 feet per 1,000 feet of pipe during normal operating conditions. The recommended headloss limit for larger pipes in AWWA Manual M32 is 2 to 3 feet per 1,000 feet of pipe during normal operating conditions.</li> </ul>
Water Main Reinvestment (KANEW Analysis)	
<ul style="list-style-type: none"> <li>The Utility's water distribution system is an "newer" water system; approximately 40 percent of the water mains are less than 20 years old and nearly 20 percent of the water mains are over 45 years old.</li> <li>Based on the long and short life expectancies in the KANEW analysis, the total recommended replacement lengths in the first 10 years of replacement are approximately 0.8 miles (0.73 percent) and 8.1 miles (7.5 percent), respectively.</li> <li>Based on the long and short life expectancies in the KANEW analysis, the total replacement lengths over the 20 year period of replacement are approximately 6.4 miles (5.4 percent) and 15.0 miles (13.9 percent), respectively.</li> </ul> <p>Note: AWWA Research Foundation developed KANEW software to be used to perform replacement rate analysis for water system based on water main inventory.</p>	
Condition Assessment	
<ul style="list-style-type: none"> <li>Well 1 (Alta Verde) – structure and pump are in poor condition; pump motor is 20 years old.</li> <li>The control system should have a significant upgrade due to inaccessibility of replacement equipment (includes Kerry System).</li> <li>The electrical at Well 3 (Mesker) is in very poor condition.</li> <li>The booster pumps at the treatment plant (air stripper) are in poor condition.</li> <li>Pump at Well 4 (Sternberg) is in poor condition.</li> <li>2012 Summit Tower Inspection Report noted concrete spalling, cracking and deteriorating along with sediment in tank, limited access to tower noted (exterior last painted 1983).</li> <li>All other well facility structures, pumps, electrical, HVAC, and chemical feed were noted to be in good to fair condition.</li> </ul>	
Kerry Water System	
<ul style="list-style-type: none"> <li>Adequate supply capacity from well to meet Kerry maximum day demand (reliability from emergency connection with Village of Rothschild and portable diesel generator hookup).</li> <li>Kerry Tower is leaking in multiple locations; updates are needed for the overflow termination to meet DNR Codes and coating is nearing obsolete.</li> <li>Well 2 exceeds the secondary standards for manganese. Kerry personnel have indicated issues with pinhole leaks in stainless steel pipe in the facility.</li> <li>Well 2 pump in poor condition.</li> <li>Kerry personnel indicated phosphorus is a challenge in the water supply due to proposed phosphorus limits in wastewater discharge.</li> <li>Manual operation of valves, coordination with Village of Rothschild, and flushing is needed to use emergency connection.</li> <li>Dependent on Rothschild for fire protection.</li> </ul>	

TABLE 9-2: RELIABLE SUPPLY CAPACITY WITH RECOMMENDED IMPROVEMENTS - MAIN SYSTEM

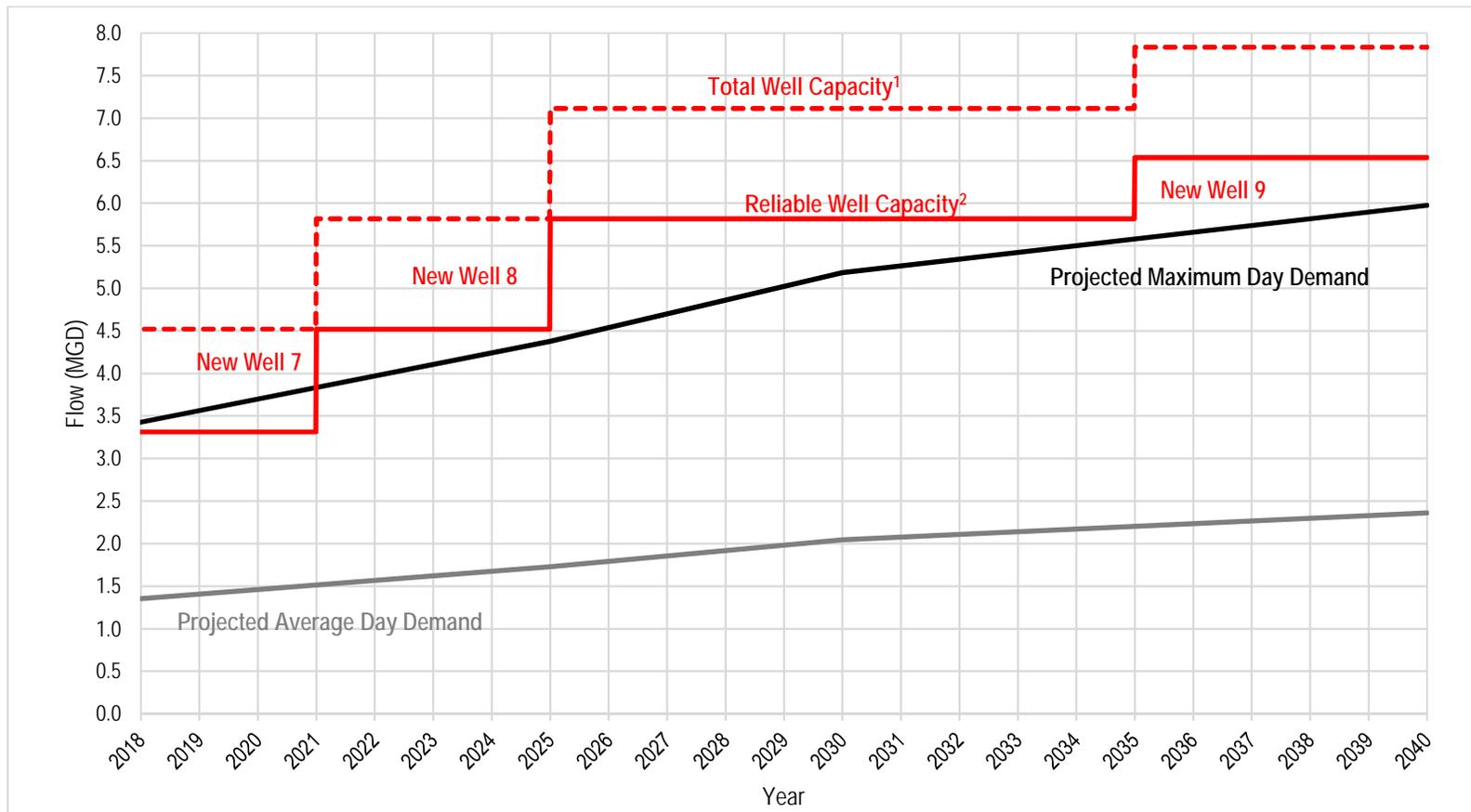
Water Supply Source	Supply Capacities <sup>1</sup>	
	(gpm)	(MGD)
<b>Groundwater Wells</b>		
Alta Verde (Well 1)	510	0.73
Mesker (Well 3)	530	0.76
Sternberg (Well 4)	840	1.21
Bloedel (Well 5)	800	1.15
Rippling Creek (Well 6)	460	0.66
New Well 7 <sup>2</sup>	900	1.30
New Well 8 <sup>2</sup>	900	1.30
New Well 9 <sup>3</sup>	500	0.72
Total Pumping Supply Capacity	5,440	7.83
Less: Largest Supply Unit	900	1.30
<b>Reliable Supply of Groundwater Wells</b>	<b>4,540</b>	<b>6.54</b>
<b>Groundwater Wells with Booster Pumps</b>		
Alta Verde (Well 1)	510	0.73
Booster Pump 1 (for Mester (Well 3)	1,100	1.58
Booster Pump 2 (for Sternberg Well 4)	1,100	1.58
Bloedel (Well 5)	800	1.15
Rippling Creek (Well 6)	460	0.66
New Well 7 <sup>2</sup>	900	1.30
New Well 8 <sup>2</sup>	900	1.30
New Well 9 <sup>3</sup>	500	0.72
Total Pumping Supply Capacity	6,270	9.03
Less: Largest Supply Unit	1,100	1.58
<b>Reliable Supply of Groundwater Wells with Booster Pumps</b>	<b>5,170</b>	<b>7.44</b>
Footnote:		
<sup>1</sup> Supply capacities from three month average of EMOR daily readings.		
<sup>2</sup> Estimated capacities available from wellfield based on modeling of aquifer, assumed to be constructed by 2030.		
<sup>3</sup> Minimum capacity anticipated from review of other wells in area, assumed to be constructed between 2030 and 2040.		

TABLE 9-3: SUPPLY CAPACITY WITH RECOMMENDED IMPROVEMENTS - MAIN SYSTEM

	<u>2030 Projected</u>	<u>2040 Projected</u>
Total Average Annual Pumpage (MGY)	750	860
Average Day Pumpage (gpm)	1,420	1,640
Design Maximum Day Pumpage (gpm) <sup>1</sup>	3,600	4,150
Reliable Supply Capacity (gpm)	<u>4,040</u>	<u>4,540</u>
<b>ADDITIONAL CAPACITY REQUIRED (gpm)</b>	<b>None</b>	<b>None</b>
<b>Excess Reliable Supply Capacity (gpm)</b>	<b>440</b>	<b>390</b>

Footnote:

<sup>1</sup> Design maximum day pumpage requirements were based on a main system maximum day factor of 2.53.



**FIGURE 9-10**  
**SUMMARY OF PROJECTED MAXIMUM DAY DEMAND AND RELIABLE SUPPLY CAPACITY**

Footnotes:

<sup>1</sup> Total Well Capacity assumes current well capacities will remain constant..

<sup>2</sup> Reliable Supply Capacity is the Total Supply Capacity less the largest well capacity.

TABLE 9-4: STORAGE REQUIREMENTS WITH RECOMMENDED IMPROVEMENTS - MAIN SYSTEM

	Projected <u>2030</u>	Projected <u>2040</u>
<b><u>SUPPLY REQUIREMENTS</u></b>		
Design Average Day Demand (gpm)	1,420	1,640
Design Maximum Day Demand (gpm)	3,600	4,150
Design Peak Hour Demand (gpm)	5,760	6,640
Present Reliable Supply Capacity (gpm)	<b>4,040</b>	<b>4,540</b>
<b><u>STORAGE REQUIREMENTS</u></b>		
Peak Hour Equalizing Requirements (gallons) <sup>1</sup>	659,000	759,000
Optimum Fire Protection Needs (gallons) <sup>2</sup>	630,000	630,000
Operational/Reserve Storage (gallons; 15% of Total) <sup>3</sup>	<u>228,000</u>	<u>246,000</u>
<b>Total Optimum Storage Requirements (gallons)</b>	<b>1,517,000</b>	<b>1,635,000</b>
Available Effective Storage Capacity (gallons):		
Business Park Tower	500,000	500,000
Everest Tower	250,000	250,000
New Weston Ave. Tower	750,000	750,000
Summit Tower - Demolished	-	-
New East Tower	-	500,000
<b>Total Effective Storage Capacity</b>	<b>1,500,000</b>	<b>2,000,000</b>
<b>Total Capacity Required (gallons)</b>	<b>17,000</b>	<b>None</b>

Footnotes:

<sup>1</sup> Peak hour storage is storage required to meet demands which exceed the maximum day demand rate assuming the reliable supply capacity is equal to the maximum day demand rate.

<sup>2</sup> Optimum fire protection based on requirement for 3,500 gpm for 180 minutes.

<sup>3</sup> Operational/Reserve storage is storage required to provide a start/stop range for pump operation and an emergency reserve storage supply.



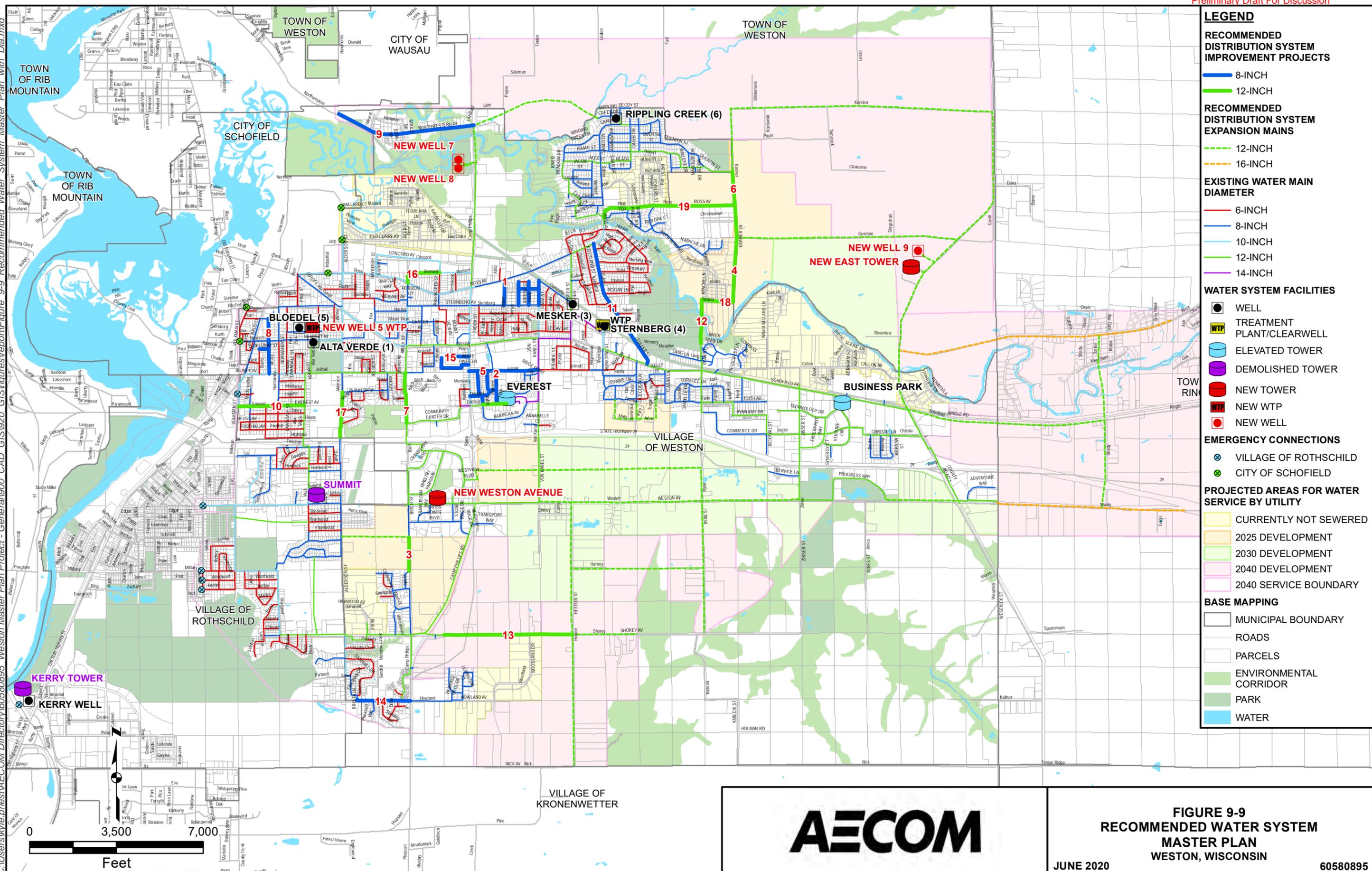
TABLE 9-7: SUMMARY OF WATER DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS

Project Number	Type of Project	Recommended Diameter	Approximate Length	Improvement Reasoning	Reference to Weston CIP Project Number	Description	Estimated Cost <sup>2</sup>
1	Replacement	8-inch	4,720 feet	Coordination with Street Project and Replacement of AC Pipe	PW19-School	Replace existing 6-inch and 8-inch AC and DI pipe installed between 1969 and 1990 with 8-inch pipe.	\$ 614,000
2	Replacement	8-inch	4,710 feet	Coordination with Street Project, System Reliability and Replacement of AC Pipe	PW20-Crest	Replace existing 1969 6-inch and 8-inch AC pipe with 8-inch pipe. Replace 8-inch under Everest Ave from Barbican Ave to the 16-inch main at Everest Tower with 12-inch pipe for system reliability.	\$ 761,000
		12-inch	990 feet				
3	New Construction	12-inch	1,350 feet	Coordination with Street Project	PW21-BirchS	Install new 12-inch main under Birch St from 8-inch main under Leeds Ct to approximately 600 feet south of Cross Point Blvd. Additional 8-inch main under Birch St between Shorey Ave and Leyburn Dr associated with PW21-BirchS is not recommended for replacement.	\$ 203,000
4	New Construction	12-inch	2,600 feet	Coordination with Street Project	PW21-Kraemer	Install new 12-inch pipe under Kraemer Ln from Trotzer Ln to Gusman Rd.	\$ 390,000
5	Replacement	8-inch	1,090 feet	Coordination with Street Project and Replacement of AC Pipe	PW22-EJEL-VK	Replace existing 6-inch asbestos cement pipe under Jelinek Ave from Camp Phillips Rd to Kirk St with 8-inch pipe. Install new 8-inch pipe under Jelinek Ave from Kirk St to Von Kanel St. Additional 14-inch main under Von Kanel St associated with PW22-EJEL-VK is not recommended for replacement.	\$ 364,000
	New Construction	8-inch	1,710 feet				
6	New Construction	12-inch	1,360 feet	Coordination with Street Project	PW22-Ross	Install new 12-inch pipe under Kraemer Ln from Ross Ae to Quentin St.	\$ 204,000
7	Not currently used.						
8	Replacement	8-inch	2,620 feet	Coordination with Street Project	PW23-Ferge	Replace existing 6-inch asbestos cement pipe with 8-inch pipe.	\$ 341,000
9	New Construction	8-inch	5,650 feet	Coordination with Street Project	PW23-Nrwstrn	Install new 8-inch main to unsewered area.	\$ 735,000
10	Replacement	12-inch	2,650 feet	Coordination with Street Project	PW24-Everest	Replace existing 10-inch asbestos cement pipe under Everest Ave from Volkman St to Alta Verde St with new 12-inch pipe.	\$ 398,000
11	Replacement	8-inch	5,420 feet	Coordination with Street Project	PW24-Fuller	Replace all existing 6-inch and 8-inch pipe installed in 1989-1999 under Fuller St from Ross Ave to Schofield Ave with 8-inch pipe.	\$ 705,000
12	River Crossing	12-inch	1,750 feet	System Reliability	N/A	Install new 12-inch pipe for the new Ryan St river crossing.	\$ 315,000
13	New Construction	12-inch	5,180 feet	Coordination with Street Project	PW21-Shorey	Install new 12-inch pipe under Shorey Ave from approximately 800 feet east of Camp Phillips Rd to Heeren St. Existing 12-inch main under Shorey Ave from Camp Phillips Rd is not recommended for replacement.	\$ 777,000
14	Not currently used.						
15	Replacement	8-inch	2,460 feet	Fire Flow Deficiency	N/A	Replace existing 6-inch pipe under Weston Pines Ln and Winding Ridge Way with 8-inch pipe to address local fire flow deficiencies near multi-family areas.	\$ 320,000
16	Replacement	12-inch	1,670 feet	Fire Flow Deficiency	N/A	Replace existing 6-inch pipe under Birch St from Ross Ave to Bernard Ave and Bernard Ave from Birch St to Aspen St with 12-inch pipe to address local fire flow deficiencies near the northern industrial area.	\$ 251,000
17	Replacement	12-inch	1,800 feet	Fire Flow Deficiency	N/A	Replace existing 8-inch pipe under Alderson St from Park Ridge Dr to Hwy 29 with 12-inch pipe to address local fire flow deficiencies near DC Everest Senior High School.	\$ 270,000
18	New Construction	12-inch	1,270 feet	System Reliability	N/A	Install new 12-inch main under Trotzer Ln to connect new Ryan St river crossing to new expansion main under Kramer Ln (Project 4) for system reliability.	\$ 191,000
19	New Construction	12-inch	6,880 feet	System Reliability	N/A	Install new 12-inch main under Ross Ave from Sandy Ln to Kramer Ln and Kramer Ln from Ross Ave to Gusman Rd to connect the Ryan St river crossing to the system.	\$ 1,032,000

## Footnotes:

<sup>1</sup>Water mains associated with Weston CIP projects PW23-BirchN and PW22-Howland are not recommended for replacement.

<sup>2</sup>Water main cost estimated using \$130/ft for 8-inch mains, \$150/ft for 12-inch mains and \$180/ft for 12-inch river crossings. Water main estimates are general planning numbers and do not include complete roadway replacement.



**LEGEND**

**RECOMMENDED DISTRIBUTION SYSTEM IMPROVEMENT PROJECTS**

- 8-INCH
- 12-INCH

**RECOMMENDED DISTRIBUTION SYSTEM EXPANSION MAINS**

- 12-INCH
- 16-INCH

**EXISTING WATER MAIN DIAMETER**

- 6-INCH
- 8-INCH
- 10-INCH
- 12-INCH
- 14-INCH

**WATER SYSTEM FACILITIES**

- WELL
- TREATMENT PLANT/CLEARWELL
- ELEVATED TOWER
- DEMOLISHED TOWER
- NEW TOWER
- NEW WTP
- NEW WELL

**EMERGENCY CONNECTIONS**

- VILLAGE OF ROTHSCHILD
- CITY OF SCHOFIELD

**PROJECTED AREAS FOR WATER SERVICE BY UTILITY**

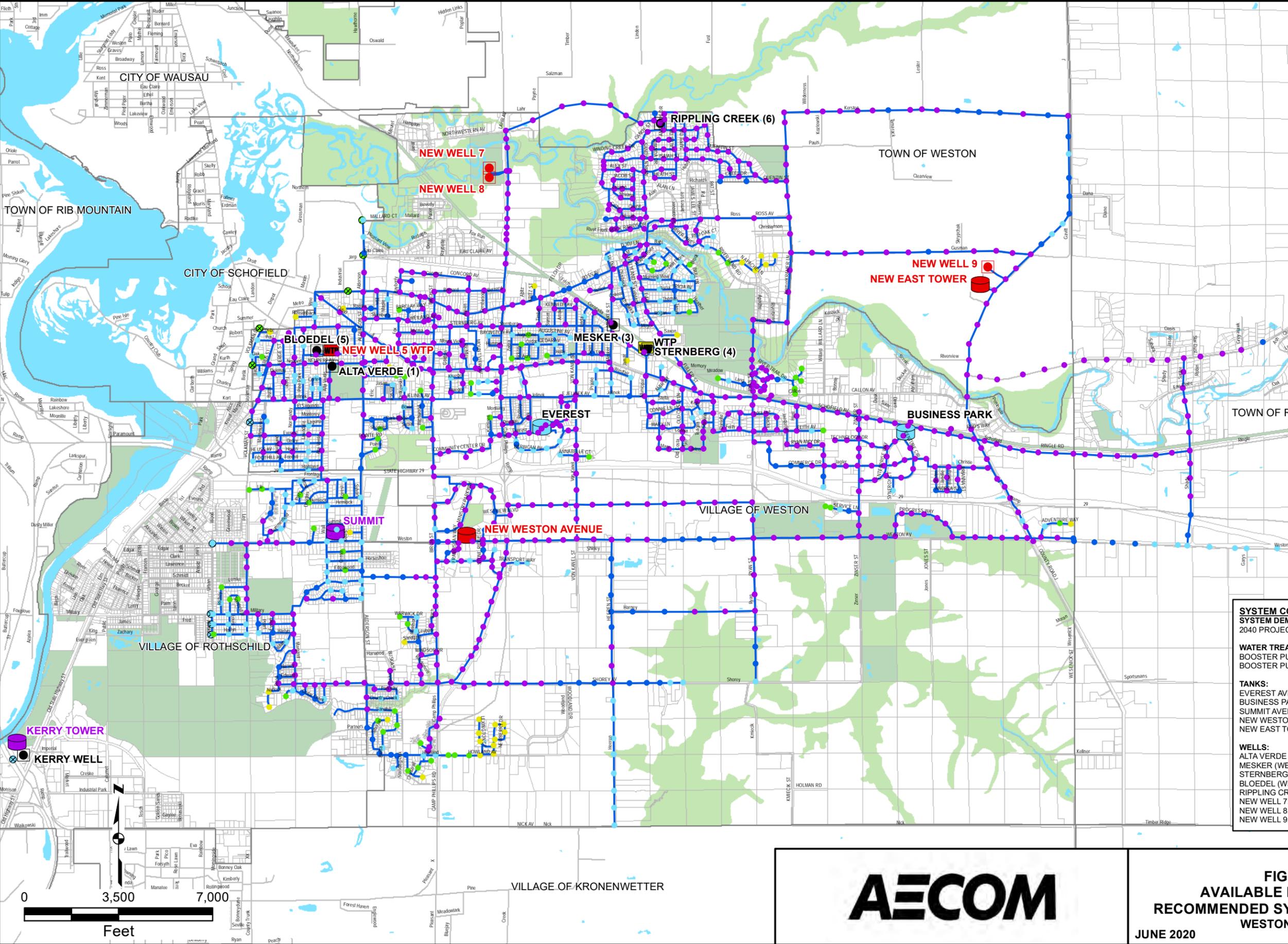
- CURRENTLY NOT SEWERED
- 2025 DEVELOPMENT
- 2030 DEVELOPMENT
- 2040 DEVELOPMENT
- 2040 SERVICE BOUNDARY

**BASE MAPPING**

- MUNICIPAL BOUNDARY
- ROADS
- PARCELS
- ENVIRONMENTAL CORRIDOR
- PARK
- WATER



FIGURE 9-9  
RECOMMENDED WATER SYSTEM  
MASTER PLAN  
WESTON, WISCONSIN



**LEGEND**

**AVAILABLE FIRE FLOW MAINTAINING 20 PSI**

- LESS THAN 500 GPM
- 500 - 1,000 GPM
- 1,000 - 1,750 GPM
- 1,750 GPM - 2,500 GPM
- 2,500 GPM - 3,500 GPM
- 3,500 GPM - 4,000 GPM
- GREATER THAN 4,000 GPM

**WATER SYSTEM FACILITIES**

- WELL
- WTP TREATMENT PLANT/CLEARWELL
- ELEVATED TOWER
- DEMOLISHED TOWER
- NEW TOWER
- NEW WTP
- NEW WELL
- WATER MAIN

**EMERGENCY CONNECTIONS**

- VILLAGE OF ROTHSCHILD
- CITY OF SCHOFIELD

**BASE MAPPING**

- MUNICIPAL BOUNDARY
- ROADS
- PARCELS
- ENVIRONMENTAL CORRIDOR
- PARK
- WATER

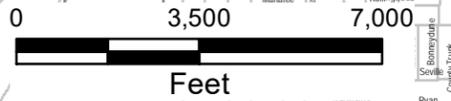
**SYSTEM CONDITIONS**

**SYSTEM DEMAND:**  
2040 PROJECTED MAIN PEAK HOUR DEMAND: 5.98 MGD

**WATER TREATMENT PLANT:**  
BOOSTER PUMP 1: 1,200 GPM  
BOOSTER PUMP 2: NOT OPERATING

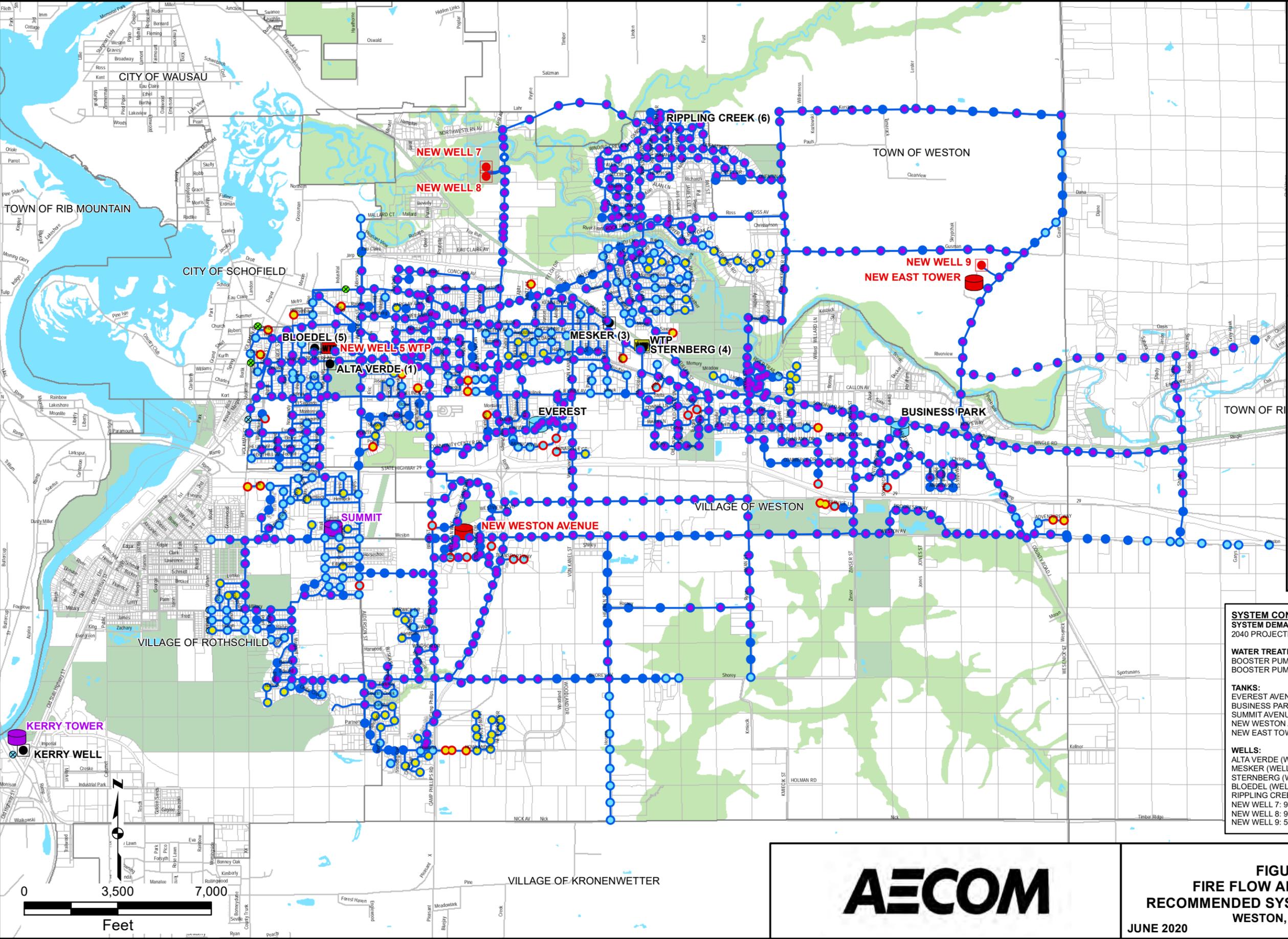
**TANKS:**  
EVEREST AVENUE TOWER: 16 FEET (15 FEET LOW)  
BUSINESS PARK TOWER: 20 FEET (15 FEET LOW)  
SUMMIT AVENUE TOWER: DEMOLISHED  
NEW WESTON AVENUE TOWER: 25 FEET (15 FEET LOW)  
NEW EAST TOWER: 20 FEET (15 FEET LOW)

**WELLS:**  
ALTA VERDE (WELL 1): 510 GPM  
MESKER (WELL 3): 530 GPM  
STERNBERG (WELL 4): 840 GPM  
BLOEDEL (WELL 5): 800 GPM  
RIPPLING CREEK (WELL 6): 460 GPM  
NEW WELL 7: 900 GPM  
NEW WELL 8: 900 GPM  
NEW WELL 9: 500 GPM



**FIGURE 9-5**  
**AVAILABLE FIRE FLOW WITH**  
**RECOMMENDED SYSTEM IMPROVEMENTS**  
**WESTON, WISCONSIN**

JUNE 2020 60580895



**LEGEND**

**FIRE FLOW**

- DOES NOT MEET REQUIREMENT
- MEETS REQUIREMENT

**AVAILABLE FIRE FLOW MAINTAINING 20 PSI**

- LESS THAN 500 GPM
- 500 - 1,000 GPM
- 1,000 - 1,750 GPM
- 1,750 - 2,500 GPM
- 2,500 - 3,500 GPM
- 3,500 - 4,000 GPM
- GREATER THAN 4,000 GPM

**WATER SYSTEM FACILITIES**

- WELL
- WTP TREATMENT PLANT/CLEARWELL
- ELEVATED TOWER
- DEMOLISHED TOWER
- NEW TOWER
- NEW WTP
- NEW WELL
- WATER MAIN

**EMERGENCY CONNECTIONS**

- VILLAGE OF ROTHSCHILD
- CITY OF SCHOFIELD

**BASE MAPPING**

- MUNICIPAL BOUNDARY
- ROADS
- PARCELS
- ENVIRONMENTAL CORRIDOR
- PARK
- WATER

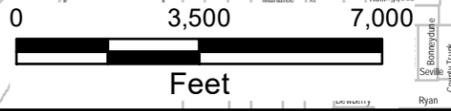
**SYSTEM CONDITIONS**

**SYSTEM DEMAND:**  
2040 PROJECTED MAIN PEAK HOUR DEMAND: 5.98 MGD

**WATER TREATMENT PLANT:**  
BOOSTER PUMP 1: 1,200 GPM  
BOOSTER PUMP 2: NOT OPERATING

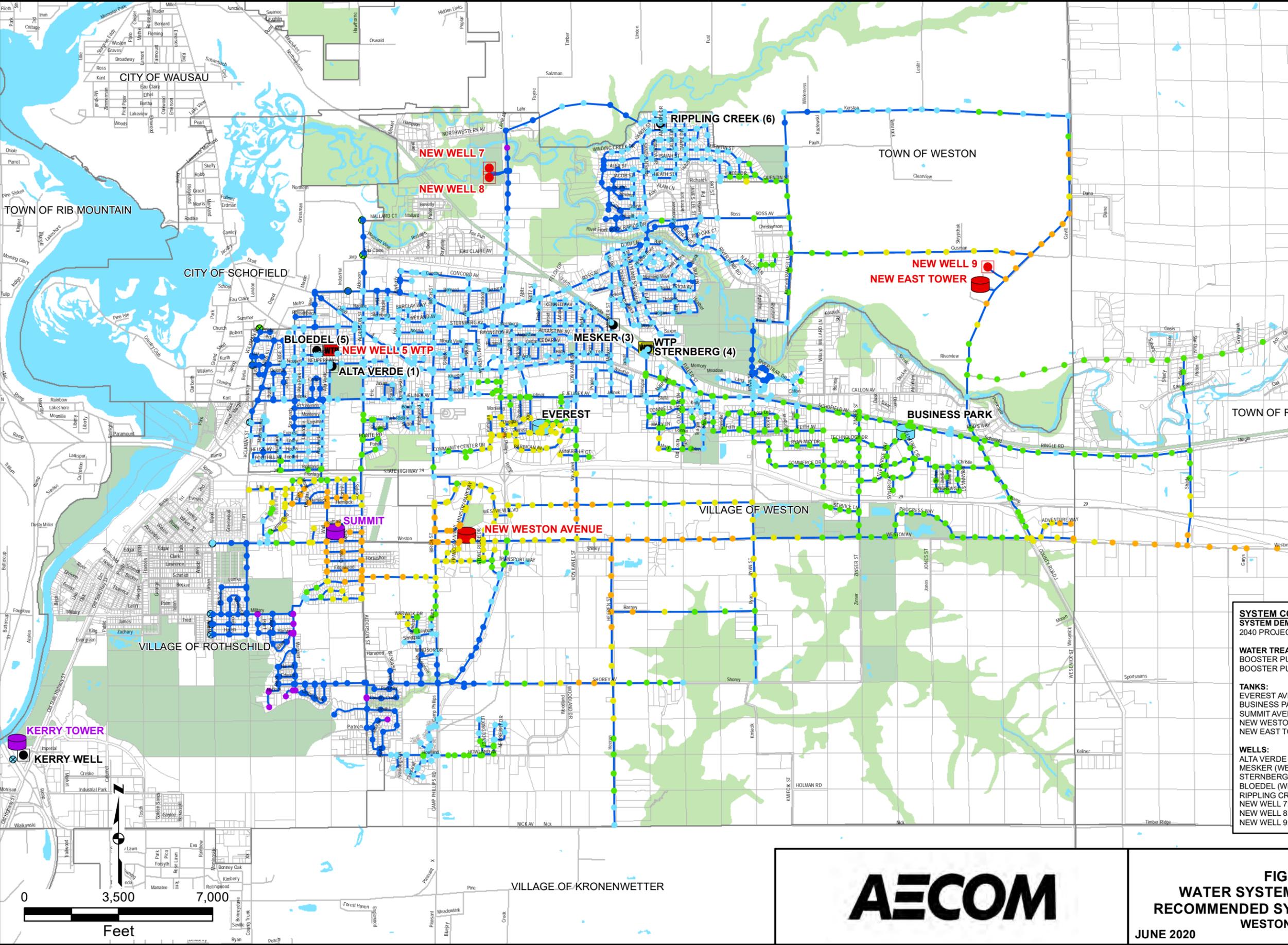
**TANKS:**  
EVEREST AVENUE TOWER: 16 FEET (15 FEET LOW)  
BUSINESS PARK TOWER: 20 FEET (15 FEET LOW)  
SUMMIT AVENUE TOWER: DEMOLISHED  
NEW WESTON AVENUE TOWER: 25 FEET (15 FEET LOW)  
NEW EAST TOWER: 20 FEET (15 FEET LOW)

**WELLS:**  
ALTA VERDE (WELL 1): 510 GPM  
MESKER (WELL 3): 530 GPM  
STERNBERG (WELL 4): 840 GPM  
BLOEDEL (WELL 5): 800 GPM  
RIPPLING CREEK (WELL 6): 460 GPM  
NEW WELL 7: 900 GPM  
NEW WELL 8: 900 GPM  
NEW WELL 9: 500 GPM



**FIGURE 9-6**  
**FIRE FLOW ADEQUACY WITH**  
**RECOMMENDED SYSTEM IMPROVEMENTS**  
**WESTON, WISCONSIN**

JUNE 2020 60580895



**LEGEND**

**WATER SYSTEM PRESSURE**

- 40 - 50 PSI
- 50 - 60 PSI
- 60 - 70 PSI
- 70 - 80 PSI
- 80 - 90 PSI
- 90 - 93 PSI

**WATER SYSTEM FACILITIES**

- WELL
- TREATMENT PLANT/CLEARWELL
- ELEVATED TOWER
- DEMOLISHED TOWER
- NEW TOWER
- NEW WTP
- NEW WELL
- WATER MAIN

**EMERGENCY CONNECTIONS**

- VILLAGE OF ROTHSCHILD
- CITY OF SCHOFIELD

**BASE MAPPING**

- MUNICIPAL BOUNDARY
- ROADS
- PARCELS
- ENVIRONMENTAL CORRIDOR
- PARK
- WATER

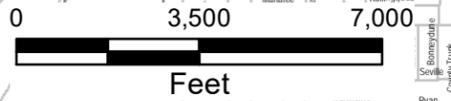
**SYSTEM CONDITIONS**

**SYSTEM DEMAND:**  
2040 PROJECTED MAIN PEAK HOUR DEMAND: 6,640 GPM

**WATER TREATMENT PLANT:**  
BOOSTER PUMP 1: NOT OPERATING  
BOOSTER PUMP 2: NOT OPERATING

**TANKS:**  
EVEREST AVENUE TOWER: 16 FEET (15 FEET LOW)  
BUSINESS PARK TOWER: 20 FEET (15 FEET LOW)  
SUMMIT AVENUE TOWER: DEMOLISHED  
NEW WESTON AVENUE TOWER: 25 FEET (15 FEET LOW)  
NEW EAST TOWER: 20 FEET (15 FEET LOW)

**WELLS:**  
ALTA VERDE (WELL 1): NOT OPERATING  
MESKER (WELL 3): NOT OPERATING  
STERNBERG (WELL 4): NOT OPERATING  
BLOEDEL (WELL 5): NOT OPERATING  
RIPPLING CREEK (WELL 6): NOT OPERATING  
NEW WELL 7: NOT OPERATING  
NEW WELL 8: NOT OPERATING  
NEW WELL 9: NOT OPERATING



**FIGURE 9-4**  
**WATER SYSTEM PRESSURES WITH**  
**RECOMMENDED SYSTEM IMPROVEMENTS**  
**WESTON, WISCONSIN**

JUNE 2020 60580895

**Summary of Kerry System findings:**

1. Reliable supply – power outage (connect to Rothschild (manual valve operation) or portable generator)
2. Rothschild connection – flushing prior to use and agreement needs to be revisited
3. Kerry Tower in need of repair, coating system is nearing obsolete (zinc-coating)
4. Well pump poor condition
5. Water quality – being addressed through microbial disinfection and removal of phosphate (under review)

COMPARISON OF THE KERRY SYSTEM POTENTIAL ALTERNATIVES

Alternative No.	Alternative Description	Details	Probability of Success	Cost	Maintenance Items	Advantages	Cons	Recommended
1	Move to Only Rothschild Supply	<ul style="list-style-type: none"> <li>• Purchase water at \$2.85 per 1,000 gallons (PSC, average)</li> <li>• Current invoice rate is about \$1.50 per 1,000 gallon (2019 Kerry bill)</li> <li>• Average Day Demand: 0.71 MGD (490 gpm)</li> <li>• Approximately \$2,011 per day purchasing water from Rothschild</li> </ul>	L	\$734,000 per year	None	<ul style="list-style-type: none"> <li>• Minimal capital cost.</li> <li>• Reduced maintenance needs.</li> </ul>	<ul style="list-style-type: none"> <li>• Excessive operating cost.</li> <li>• 2019 Kerry Water bill was \$393,314</li> </ul>	No
2a	Continue to Update System	<ul style="list-style-type: none"> <li>• Remove Kerry Tower from service (\$90,000)</li> <li>• Install surge tank (\$21,000)</li> <li>• Install new generator (\$143,000)</li> <li>• Retain manually opened Rothschild backup supply connection</li> </ul>	M	\$254,000	Bladder recharging and tank painting. Generator maintenance	<ul style="list-style-type: none"> <li>• Removes long-term tower maintenance and zinc coating issues.</li> <li>• Improves reliability with site generator.</li> <li>• Provides smaller tank for surge protection</li> </ul>	<ul style="list-style-type: none"> <li>• In the long-term maintenance is required for the well, building, and other components</li> </ul>	Discuss
2b		<ul style="list-style-type: none"> <li>• Repair and paint Kerry Tower (\$125,000)</li> <li>• Auto opening system with Rothschild (\$72,000)</li> <li>• Hydrant flushing system for service from Rothschild (\$25,000)</li> </ul>	M	\$222,000	Ongoing cost for tower repainting.	<ul style="list-style-type: none"> <li>• Existing tank is not sufficient for reliable supply so additional system to connect to Rothschild automatically would provide backup supply as needed.</li> </ul>	<ul style="list-style-type: none"> <li>• In the long-term maintenance is required for the well, building, and other components.</li> </ul>	Discuss

L – Low likelihood of success, M – Medium likelihood of success, H – High likelihood of success.

TABLE 9-10: CAPITAL IMPROVEMENTS PLAN

<b>Short-Term Improvements (5 Years)</b>	<b>Estimated Cost<sup>1,3,5,6</sup></b>
New Well 7 Including Well, Pump, VFD Controls, Building, Chemical Feed equipment, SCADA, Generator and Site Work	\$1,890,000
New Weston Avenue 0.75 MG Composite Tower with Altitude Valve, Site Work, Telemetry, and Piping	\$2,190,000
New Iron and Manganese WTP Pilot Study	\$10,000
New Iron and Manganese WTP (includes pressure filters with backwash tank and chemical feed in new building at Well 5, new building and pump at Well 1, piping from Well 1 to WTP, Well 5 pump modifications with VFD controls, and standby generator)	\$3,665,000
Well 3 (Mesker) Electrical Improvements Including VFD	\$90,000
Demolish Summit Tower	\$40,000
Ryan Street River Crossing (approximately 1,750 feet of 12-inch water main)	\$315,000
Distribution System Improvements (approximately 5.4 miles of 8-inch and approximately 4.9 miles of 12-inch main, includes replacement and new mains, refer to Table 9-7)	\$7,560,000
SCADA Upgrades Including New Computer System at the WTP (Air Stripper), Existing Towers and Wells	\$520,000
Kerry System Improvements	TBD
Transmission Mains for Development (approximately 2.7 miles of 12-inch main)	\$1,872,000
<b>Subtotal</b>	<b>\$18,152,000</b>
Engineering and Contingencies <sup>2</sup>	\$7,260,800
<b>Total</b>	<b>\$25,412,800</b>
<b>Mid-Term Improvements (6 - 10 years)</b>	<b>Estimated Cost<sup>1,3,5,6</sup></b>
New Well 8 Including Pitless Well, Pump, VFD Controls and Piping	\$320,000
Well 4 (Sternberg) Pump Replacement and VFD Addition	\$50,000
WTP (Air Stripper) Booster Pumps Replacement and New VFD	\$90,000
Water Main Replacement - Year 6-10: (~ 1,800 feet and \$234,000 per year) <sup>4</sup>	\$1,170,000
Transmission Mains for Development (approximately 5.0 miles of 12-inch main)	\$3,406,000
<b>Subtotal</b>	<b>\$5,036,000</b>
Engineering and Contingencies <sup>2</sup>	\$2,014,400
<b>Total</b>	<b>\$7,050,400</b>
<b>Long-Term Improvements (11 - 20 years)</b>	<b>Estimated Cost<sup>1,3,5,6</sup></b>
New Well 9 Including well, pump, VFD controls, building, chemical feed equipment, SCADA, standby generator and site work	\$1,890,000
New East 0.5 MG Composite Tower with altitude valve, site work, telemetry, and piping	\$1,940,000
Water Main Replacement - Years 11-20 (~ 1,800 feet and \$234,000 per year) <sup>4</sup>	\$2,340,000
Transmission Mains for Development ( approximately 3.6 miles of 16-inch main, approximately 12.7 miles of 12-inch main, and four additional river crossings)	\$12,800,000
<b>Subtotal</b>	<b>\$18,970,000</b>
Engineering and Contingencies <sup>2</sup>	\$7,588,000
<b>Total</b>	<b>\$26,558,000</b>
<b>Grand Total</b>	<b>\$59,021,200</b>

**Footnotes:**

<sup>1</sup>Water main costs were estimated using \$130/foot for 8-inch replacement, \$150/foot for 12-inch replacement, \$130/foot for 12-inch expansion, \$160/ft for 16-inch expansion, and \$180/foot for 12-inch river crossings. Water main estimates are general planning numbers and do not include complete roadway replacement.

Estimates do not include land or easement purchase, if necessary.

<sup>2</sup>Assumed 15 percent for engineering design and construction administration/inspection and 25 percent for contingencies

<sup>3</sup>The enclosed Engineer's Opinion of Probable Cost is only an estimate of possible construction costs for budgeting purposes. This estimate is limited to the conditions existing at its issuance and is not a guarantee of actual price or cost. Uncertain market conditions such as, but not limited to: local labor or contractor availability, wages, other work, material market fluctuations, price escalations, force majeure events, and developing bidding conditions, etc. may affect the accuracy of this estimate. AECOM is not responsible for any variance from this estimate or actual prices and conditions obtained.

<sup>4</sup>Water main replacement cost is based on 8-inch water main.

<sup>5</sup>This estimate is an AACE Class 4 Order of Magnitude cost estimate.

<sup>6</sup>Estimates are 2020 dollars.



PROJECT \_\_\_\_\_

CLIENT \_\_\_\_\_

PROJECT NUMBER \_\_\_\_\_

SHEET TITLE \_\_\_\_\_

SHEET NUMBER \_\_\_\_\_

10-C-01



Well 7 - 900gpm

Samose

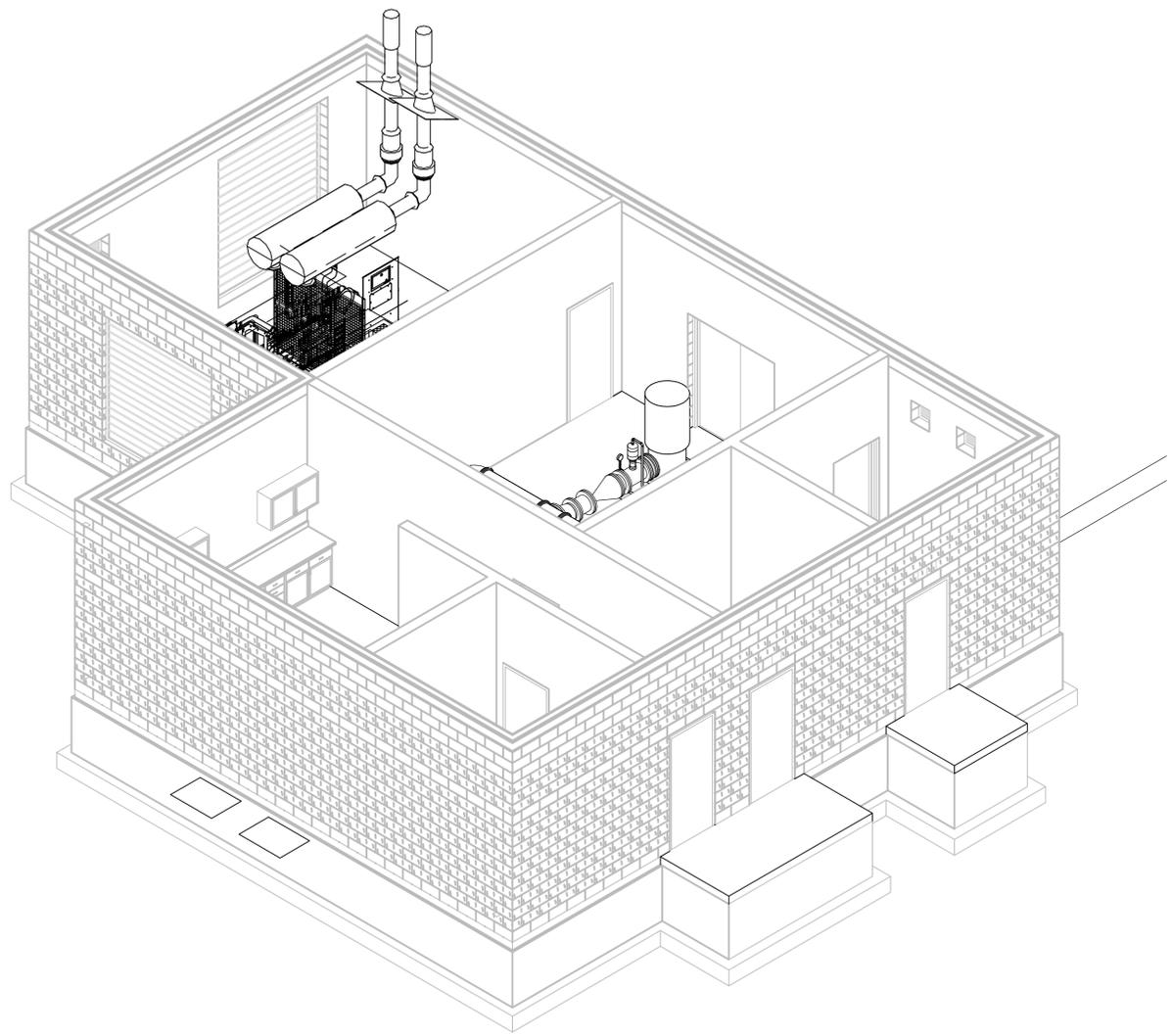
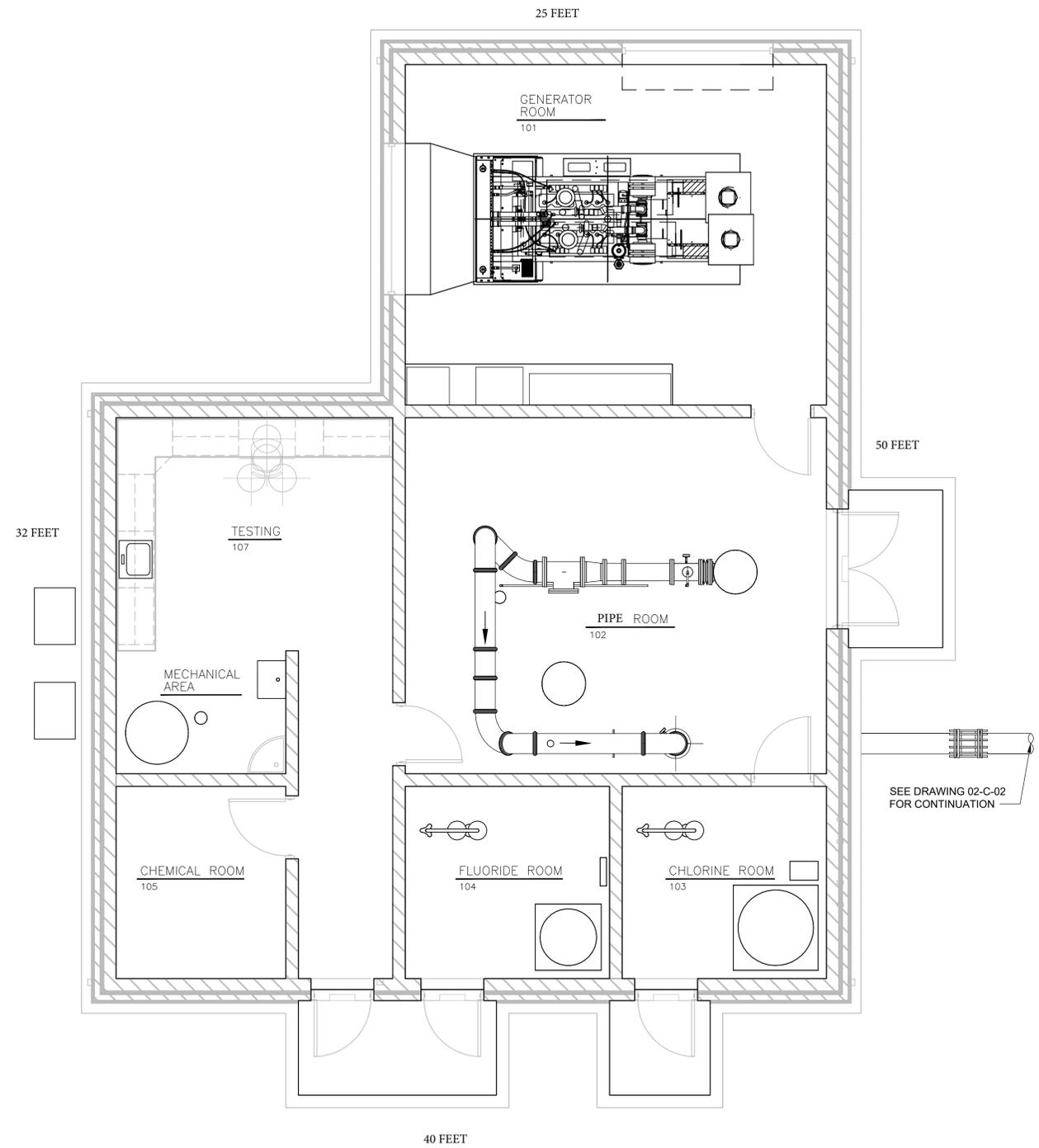
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Google Earth

Project Management Initials: Designer: \_\_\_\_\_ Checked: \_\_\_\_\_ Approved: \_\_\_\_\_

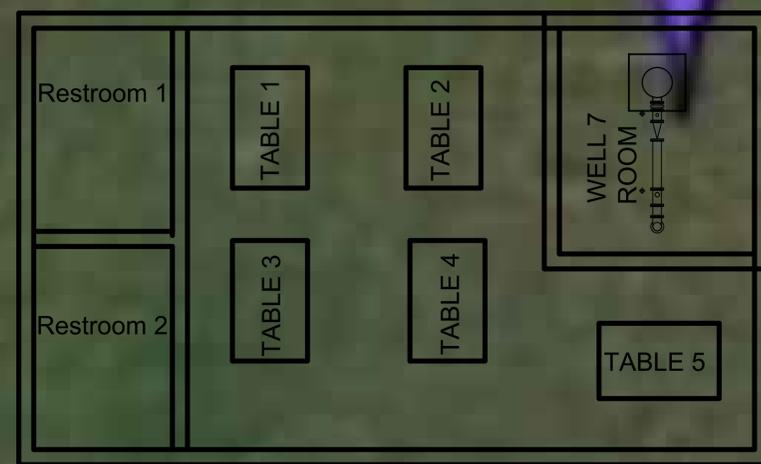
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Project Management Initials: \_\_\_\_\_ Designer: \_\_\_\_\_ Checked: \_\_\_\_\_ Approved: \_\_\_\_\_



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# Well 7 - 900gpm



Project Management Initials: Designer: \_\_\_\_\_ Checked: \_\_\_\_\_ Approved: \_\_\_\_\_

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PROJECT NUMBER \_\_\_\_\_

SHEET NUMBER \_\_\_\_\_

7-D-01



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## Dirksen Nature Park – Tigard, OR

Case Studies



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### Recent Case Studies

-  [Sugar Beet Park – Fort Collins, CO](#)  
January 14, 2020
-  [Bandon Crossings Golf Course – Bandon, OR](#)  
November 5, 2019
-  [Dirksen Nature Park – Tigard, OR](#)  
July 30, 2019
-  [North Shore Community Park – Mecca, CA](#)  
June 25, 2019
-  [Silent Heroes of the Cold War Memorial – Near Las Vegas, NV](#)  
February 6, 2019
-  [Catalina Island Conservancy – Santa Catalina Island, CA](#)  
January 22, 2019

The Dirksen Nature Park in Tigard, Oregon has received several widescale improvements since it was established in 2010. The park is the second largest in Tigard and offers 48-acres of green space, educational opportunities, and recreation. The development of the park was delayed for several years while a plan was in place and funding secured. One of the goals of the park is to create a high-quality park for the community while preserving the beautiful landscape of the area. The Dirksen Nature Park Education Center is another feature that was added to the park and provides a large classroom for field-trips, summer camps, and other events. During the winter, one area of the park is a thriving wetlands habitat and can be explored by visitors using a boardwalk. The City of Tigard also needed to install restrooms in the park and provide a suitable area for picnics and hosting events.

[View Drawings](#)

### The Solution

The City of Tigard contacted Romtec to design, supply, and construct a conventional restroom building with a large extended roof. This is a large building with a footprint of over 1400 square feet. The extended roof covers several picnic tables to provide visitors with a place to relax and sit down while being sheltered from the elements. The other half of the building features three restrooms. Two of these are multiuser restrooms while the third is a family restroom. All three restrooms were designed for ADA accessibility with accessible fixtures, grab bars, and space for wheelchair clearance. The exterior of the building was designed with a fiber cement board & batten siding and a dressed fieldstone wainscot. The fieldstone is also used for the column wraps on the supports for the extended roof. Altogether, the new interpretive shelter and restroom building will help to support visitors enjoy the beautiful Dirksen Nature Park. The City of Tigard has done an excellent job developing this park while preserving around 70% of the natural land.

## Share your thoughts

[Comment](#)



# REQUEST FOR CONSIDERATION

---

<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Harlyn Ave Lift Station Project – Change Order #2</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works Josh Swenson, Utility Superintendent</b>
<b>Question:</b>	<b>Should the Public Works Committee Recommend Approving Change Order #2 for the Harlyn Ave Lift Station Project?</b>

---

## Background

As the Harlyn Lift Station was coming to completion, the utility operators asked if the concrete sidewalk around the generator and control panels could be extended further to improve maintenance moving forward. A main concern was for snow removal in winter and allowing for more room to maneuver around the equipment.

With the increase in extending the concrete, WPS needed to remove an old pole before the concrete work could be completed. Overall, the change order is asking for an increase of contract costs of \$775 for the additional concrete quantity as well as a time extension of 30 days so WPS can remove the pole.

---

**Attached Docs:** - Change Order documents from Becher Hoppe and Pember

---

**Committee Action:** - N/A

---

**Fiscal Impact:** - Total increase in the contract is \$775 bringing the new total to \$315,125.

---

**Recommendation:** Staff recommends approving the Change Order for the increased cost as well as the time extension.

---

## Recommended Language for Official Action

**I move to Recommend the Village Board approve Change Order #2 as presented with an increase in contract cost of \$775 for the additional concrete sidewalk quantity and time extension of 30 days to accommodate the pole removal by WPS.**

**Or, Something else**

---

Additional action:

---



330 N. 4th Street, Wausau, WI 54403-5417  
715-845-8000 | becherhoppe.com

June 4, 2020

Mr. Michael Wodalski, PE  
Director of Public Works  
Village of Weston  
5500 Schofield Ave  
Weston, WI 54476

Subject: Harlyn Avenue Lift Station Replacement – Change Order #2

*Email*

Dear Michael:

Enclosed herewith is a change order associated with Pember Companies, Inc. work on the Harlyn Avenue Lift Station Replacement. The change order is for revisions for additional sidewalk per the request of Village Staff and to the completion date to account for this work, requiring pole removal by WPS.

I agree with the requested completion date of July 1, 2020 to ensure sufficient time for all work to be completed.

Sincerely,

A handwritten signature in black ink that reads "Matthew Patterson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Matthew Patterson, PE  
Project Engineer

MRP

Enclosures

cc: Josh Swenson, Village of Weston Utility Superintendent

# CHANGE ORDER

No: 2

PROJECT: Village of Weston: Harlyn Ave Lift Station

DATE OF ISSUANCE: June 4, 2020 EFFECTIVE DATE: June 4, 2020

OWNER: **Village of Weston** OWNER's Contract No.: N/A

ENGINEER: **Becher-Hoppe Associates, Inc.** ENGINEER'S Contract No.: **2018.048**  
Wausau, WI

CONTRACTOR: **Pember Companies Inc**  
Menomonie, WI

You are directed to make the following changes in the Contract Documents.

- Description:
1. Price addition for 2' x 24" concrete sidewalk added
  2. Change in contract dates.

- Reason for Change Order:
1. Village staff requested additional concrete sidewalk around the generator and control pannel for ease of maintainence
  2. Contract time extension for additioinal work, requires WPS to remove a power pole before sidewalk can be formed and poored

Attachments: (List documents supporting change)  
Weston CO1 Sidewalk Addition.pdf  
Weston Extension Request.pdf

<b>CHANGE IN CONTRACT PRICE:</b>	<b>CHANGE IN CONTRACT TIMES:</b>
Original Contract Price	Original Contract Times
\$314,350.00	Substantial Completion: November 1, 2019
	Ready for final payment: November 15, 2019
	<i>days or dates</i>
Net change from previous Change Orders No. 0 to No. 1	Net change from previous Change Orders No. 0 to No. 1
\$0.00	213
	<i>days</i>
Contract Price prior to this Change Order	Contract times prior to this Change Order
\$314,350.00	Substantial Completion: June 1, 2020
	Ready for final payment: June 15, 2020
	<i>days or dates</i>
Net Increase of this Change Order	Net Increase of this Change Order
\$775.00	30 <i>days</i>
Contract Price with all approved Change Orders	Contract Times with all approved Change Orders
\$315,125.00	Substantial Completion: July 1, 2020
	Ready for final payment: July 15, 2020
	<i>days or dates</i>

<b>RECOMMENDED:</b>	<b>APPROVED:</b>	<b>ACCEPTED:</b>
Becher-Hoppe Associates, Inc.	Village of Weston	Pember Companies Inc
By: 	By: _____	By: _____
<i>Engineer (Authorized Signature)</i>	<i>Owner (Authorized Signature)</i>	<i>Contractor (Authorized Signature)</i>
Date: June 4, 2020	Date: _____	Date: _____



N4449 - 469th Street  
Menomonie, Wisconsin 54751  
Phone: 715-235-0316 Fax: 715-235-9006  
Grading \* Utility Installation  
Curb and Gutter \* Sidewalk

CHANGE ORDER NO. 1

Date: 5/29/2020  
Project Name: Weston - Harlyn Ave. Lift Station  
Job #: 19-445  
Project Manager: Nicole Bowman  
Contact Phone: \_\_\_\_\_  
Contact Email: \_\_\_\_\_  
Change Requested By: Village of Weston

**DESCRIPTION OF CHANGE ORDER:**

Add approximately 2' x 24' concrete sidewalk behind the new curb on each side of the new equipment  
Need WPS to remove old pole before work can be completed

CHANGE IN CONTRACT AMOUNT: \$ 775 Increase  
CHANGE IN CONTRACT TIME: Add 30 days to accomdate WPS pole removal

**APPROVED:**

---

*Signature* *Title/Company* *Date*



N4449 - 469th Street  
Menomonie, Wisconsin 54751  
Phone: 715-235-0316 Fax: 715-235-9006  
Grading \* Utility Installation  
Curb and Gutter \* Sidewalk

May 29, 2020

Becher-Hoppe Associates, Inc.  
Matt Patterson, PE  
330 N. 4<sup>th</sup> Street  
Wausau, WI 54403

RE: Harlyn Avenue Lift Station – Village of Weston, WI

Please accept this letter as Pember Companies, Inc. request for a time extension to complete the work for the project know as Harlyn Avenue Lift Station for the Village of Weston, WI.

We are requesting this extension for the additional change order work for the sidewalk behind the new curb on each side of the new equipment pads. In order for the sidewalk to be poured we need WPS to remove the old power pole. It is unclear to when WPS will perform this work so we are requesting a 30 day extension. Once the pole is removed we will pour the additional sidewalk and complete the asphalt pavement and touch up final restoration.

We look forward to hearing from you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nicole Bowman', written over a horizontal line.

Nicole Bowman  
Project Manager

# REQUEST FOR CONSIDERATION

---

<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Discussion on receipt of Ryan St Utility River Crossing RFPs</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works Josh Swenson, Utility Superintendent</b>
<b>Question:</b>	<b>Discussion Item only</b>

---

## Background

The proposals for the Ryan St Utility River Crossing were received this past Wednesday, June 3<sup>rd</sup>. The proposals were sent out to 5 firms (AECOM, Becher Hoppe, Clark Dietz, Mi-Tech and MSA). Staff received from 4 of the firms with Mi-Tech electing to not submit a proposal.

Proposals are being evaluated on:

- 1) Project Understanding and Approach (30%);
- 2) Firm Background and Experience (20%);
- 3) Staff Background and Experience (20%);
- 4) Cost (20%);
- 5) Reference Checks (10%)

All proposals seem to cover the basic needs of the request; however, staff is still reviewing for finer detail and we need to follow up on a few items, so a recommendation is not being made for this upcoming meeting. Attached is the RFP and Addendum that was sent out.

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**Attached Docs:** - RFP and Addendum #1

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**Committee Action:** - N/A

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**Fiscal Impact:** - Proposal costs have a range with some right near the CIP amount of \$63,200 and others slightly higher.

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**Recommendation:** Staff does not have a recommendation for this item at this time.

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## Recommended Language for Official Action

**No Recommendation is needed.**

**Or, Something else**

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Additional action:



REQUEST FOR PROPOSALS  
FOR  
WATER AND SEWER MAIN DESIGN  
RYAN ST RIVER CROSSING

**Village of Weston, Wisconsin**

May 14, 2020

## INTRODUCTION

The Village of Weston desires assistance from a qualified consultant to prepare construction plans and bidding documents for a water and sanitary sewer extension project.

This request for proposals is for design services related to the installation of water and sanitary sewer mains as well as potential for reconstruction of residential streets. The primary purpose of the project is to create a second watermain crossing of the Eau Claire river to create redundancy and loop the Village's water supply. In tandem, an extension of the sanitary sewer is required to open up new service area for the utility north of the Eau Claire River. The project consists of extending sanitary sewer and watermain from Ryan Street north under the Eau Claire River to near Trotzer Lane and Apache Lane. Then extend utilities north on Apache Lane until meeting the existing utilities located at N Apache Lane and Estate Drive. The secondary purpose of this project is to look at conceptual layouts to further serve areas to the east of Kramer Lane with sanitary sewer.

## SCOPE OF WORK

To provide prospective consultants some background on the proposed project, the following materials are attached: (\*.pdf files):

- GIS map of the neighborhood showing approximate location of existing utility mains with material and pipe size.
- 2019 Sanitary Sewer Master Plan Update which includes additional information on extending sanitary sewer north of the Eau Claire River: <https://westonwi.gov/DocumentCenter/View/6458/Sanitary-Sewer-Master-Plan-Update-Final-103019-reduced>

In general, the consultant shall complete the design documents to reconstruct the roadway and install water and sanitary sewer mains within the primary project area. A secondary part of the water main and sanitary sewer system analysis will include an evaluation of extending utilities to current unsewered areas of the Village.

The specific tasks for the project are listed below. The end result of these tasks will be complete final construction plans and specifications for the river crossing and completing the loop of the utilities along Apache Lane. The consultant will also manage the bidding phase of the project.

1. Field, Topographic Survey, Base Map
  - a. Consultant shall contact Digger's Hotline for a list and location of utilities in the area and survey for as-built locations including the establishment of sufficient detail for possible conflicts and/or relocations. Field surveys will need to be completed to establish accurate drainage design, earth work quantities, construction boundaries, centerline roadway design, driveway improvements and utility reconstruction at a minimum.
  - b. A base map shall be developed based on the information obtained from the field survey. The consultant will be responsible for setting bench mark data and horizontal control points for future project use. The survey will include locating existing property irons along the entire project to determine property lines, locate existing section corner monuments and obtain property owner names and addresses. The right-of-way will be shown throughout the project area.

## 2. Project Management and Coordination

- a. The Consultant shall ensure an efficient and coordinated project development process, the delivery of a high-quality product and development of the project components within budget and on schedule.
- b. The consultant shall conduct one operational planning meeting to acquaint the Village, utilities and other potentially affected parties, based on the Village's concurrence with the concepts and probable impacts of the project. The Consultant shall prepare all exhibits and handouts to conduct the meeting. The Village will select the site for the meeting and assist with coordinating the time for the meeting. The Consultant shall prepare and send the notices to affected parties.
- c. The Consultant shall participate in at least one Public Information Meeting with the residents in the project area. Consultant shall prepare all exhibits and handouts for this meeting.
- d. The Village will be responsible for notifying residents and coordinating any meetings related to special assessments.
- e. Consultant shall at a minimum conduct and attend one preliminary design meeting and one final design meeting with the Village of Weston.
- f. The Consultant shall research and coordinate with other agencies such as, Wisconsin Public Service Corp., etc. to obtain necessary drawings or as-built plans. Coordinate all proposed project impacts with corresponding local utility companies. Consultant shall conduct one utility coordination meeting inviting all utilities and/or services such as refuse, postal service, etc. to the meeting. Utility review and feedback of the utility meeting and project plans will be used in the final design of the project. This would include the development of any special requirements in the specifications or specific details in the project plans to aid in the bidding process.
- g. Describe the number of meetings and types of meetings that you recommend in your scope of work, if any, that are not included above.

## 3. Preliminary Design – Prepare preliminary construction plans consisting of the following:

- a. Title Sheet
- b. Typical Sections and General Notes
- c. Plan and Profile Sheets
- d. Water Main & Sanitary Sewer Plan
- e. Drainage Plan
- f. Cross Sections
- g. Erosion Control Plan
- h. Project Overview – Single Sheet Schematic Drawing showing project limits.

Geotechnical borings to establish sub grade conditions, ground water and pavement design parameters shall be conducted as deemed necessary upon Village approval and will be considered as extra services.

## 4. Permitting – Conduct coordination with the Wisconsin Department of Natural Resources (DNR) and other regulatory agencies as required.

- a. Apply for applicable permits required by DNR for storm water discharge NR151/216 compliance including a storm water management plan.
- b. Apply for applicable permits required by DNR for wetland impacts.

- c. Sanitary sewer coordination with DNR, Marathon County and Rib Mountain Metropolitan Sewerage District shall be conducted to apply for applicable approvals.
- d. Water main extension approval applications showing fire flow levels for improvements to the piping network shall be coordinated with DNR.

Further design requirements by these agencies or environmental approvals beyond state agencies, such as the Army Corp of Engineers, etc. shall be deemed Extra Services if mandated.

- 5. Final Design – Prepare final construction plans consisting of the following sheets:
  - a. Title Sheet
  - b. Project Overview – Single Sheet Schematic Drawing showing limits of the project
  - c. Typical Cross Section and General Notes Sheet
  - d. Details
  - e. Storm Sewer Plans (if needed)
  - f. Water Main & Sanitary Sewer Plans
  - g. Erosion Control Plan
  - h. Pavement Marking Plan
  - i. Plan and Profile sheets (1" = 20' scale)
  - j. Cross Sections
  - k. Easement Documents – It is anticipated there will need to be an easement with the DC Everest School District property west of Apache Ln.
- 6. Specifications, Quantities, Estimate, Bid documents – Prepare construction specifications and bidding documents utilizing standard specifications for the Village of Weston and applicable Standard Specifications for Sewer and Water Construction in Wisconsin and Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, recent Editions. Quantities for applicable bid items shall be taken off of the final plan for bidding and inserted into the bid form. Schedules for storm sewer shall be generated and inserted into the project plans if applicable. Consultant shall prepare an opinion of probable construction costs. The opinion of probable construction costs shall utilize average bid prices from similar type and size projects in the area.
- 7. Bidding Services – The consultant shall
  - a. Prepare and submit advertisements for bids to the Wausau Daily Herald
  - b. Review prequalifications and make recommendations to the Village
  - c. Conduct the bid opening
  - d. Check contractors bidding calculations
  - e. Prepare bid tabulation of contractors' bids
  - f. Make a recommendation of award to the Village
  - g. Prepare contract documents and submit to contractor and the Village for execution

Construction Services will be determined at a future time and those services are not part of the scope of work for this proposal.

## **SCHEDULE FOR DELIVERABLES**

Consultants are asked to propose the project schedule for a 2021 calendar year construction.

## PROJECT PROPOSAL

The proposal should describe your firm's experience and capabilities to provide design and bidding services for the project. Your proposal should provide sufficient information to the Village to determine your firm's capabilities to provide the required deliverables. The proposal must include the following minimum information:

- 1) Firm name, address, telephone number and contact person.
- 2) A statement of interest and qualifications for this project.
- 3) A description of your project understanding and your firm's approach to the tasks identified. Include any concerns regarding permits, data, etc., required to provide the deliverables for this project. Any concerns your firm would have with the proposed schedule for deliverables should also be identified.
- 4) Discussion of your firm's specific abilities and expertise to provide the required professional services and qualifications related to the project requirements.
- 5) The proposed project manager and key personnel who would have a significant role on this project team, including detailed resumes. Clearly identify sub-consultants, if proposed, with similar information. If sub-consultants are proposed explain the intended working relationship and responsibilities of each firm.
- 6) Examples of specific knowledge, expertise, and project management experience related to this type of project.
- 7) Descriptions of not more than 3 related/similar projects completed by your firm for other owners. Reference information must include:
  - a) Name of owner
  - b) Project name
  - c) Brief Description of your firm's involvement
  - d) Contact Person
  - e) Address (including e-mail if applicable)
  - f) Telephone number
  - g) Your firm's key personnel involved with the referenced project.
- 8) Project Cost Breakdown
  - a) For each section identified in the Project Scope, list the estimated hours and estimated cost to complete each of those tasks.

## PROPOSAL SUBMITTALS

1. Any restrictions on the use of data contained within a proposal must be clearly stated in the proposal itself. Non-disclosure cannot be guaranteed after the selection stage of this procurement due to public records law considerations.
2. Submit one (1) hardcopy of the proposal within a single sealed envelope or container. The **outside** lower left corner of the envelope should have the following notation: "**Proposal for Ryan St Utility River Crossing, Village of Weston.**"

3. Submit an electronic copy of the proposal to the individual specified in item 4 below.
4. Proposals shall be received at the Village of Weston Municipal Center by **4:00 p.m. Wednesday, June 3, 2020 and addressed to the attention of:**

Michael Wodalski, P.E.,  
Director of Public Works  
Village of Weston  
5500 Schofield Avenue  
Weston, WI 54476

Electronic copies shall be emailed to: [mwodalski@westonwi.gov](mailto:mwodalski@westonwi.gov)

Proposals received after the above stated day and time will **NOT** be accepted. Actual receipt by said time is required and deposit in the mail is insufficient.

5. Only written questions concerning the project will be accepted. Questions must be directed to the address above. Written answers to all questions will be provided to all firms solicited for the project, provided they are received no later than 5:00 P.M. on May 29, 2020. Questions received after May 29 will not be answered.

## **CONSULTANT SELECTION**

Proposals will be reviewed and evaluated by a Consultant Selection Committee comprised of three representatives of the Village of Weston. Consultants will be ranked in order of preference based on their proposal and supplementary information gathered via telephone and/or e-mail. The Consultant Selection Committee will consider the following criteria in evaluation of the proposals

1. Consultant's understanding of and approach to this project (30%)
2. Related project experience/qualifications of the firm (20%)
3. Related project experience for the assigned personnel (20%)
4. Cost (20%)
5. Reference check (10%)

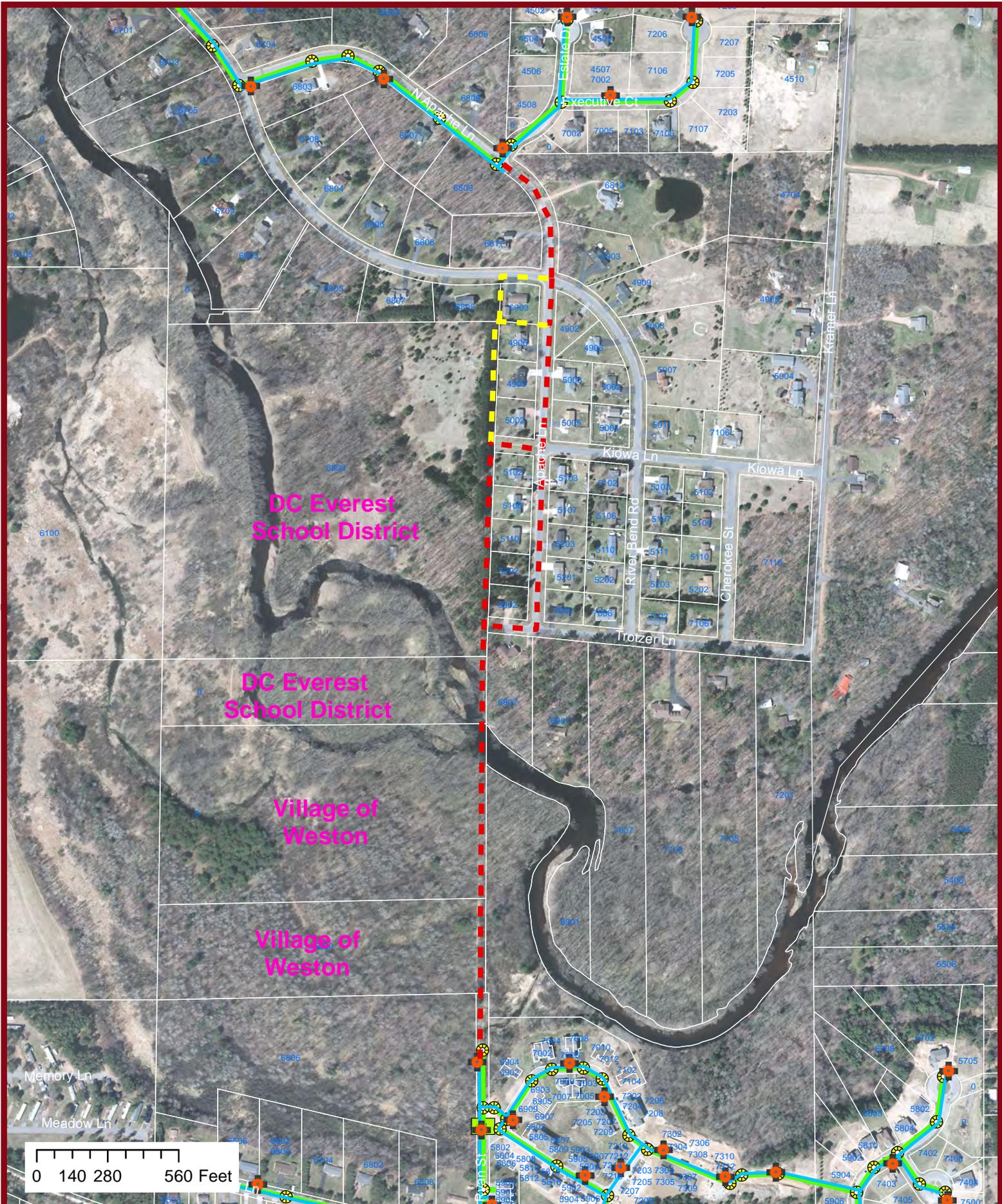
## **SELECTION PROCESS CALENDAR**

The anticipated calendar for the selection process is as follows:

June 3, 2020 – proposals received.

June 8, 2020 – contract recommendation by Public Works and Utility Committee

June 15, 2020 – contract awarded by Village Board



# Sewer & Water Utility River Crossing

Created by the Village of Weston  
 Technical Services Department  
 Date: May 20, 2014

## Legend

- - - Primary Pipe Location
- - - Secondary Pipe Location
- Water Hydrants
- Water Mains
- Sewer Gravity Main
- Sewer Manholes



**ADDENDUM #1**



REQUEST FOR PROPOSALS  
FOR  
WATER AND SEWER MAIN DESIGN  
RYAN ST RIVER CROSSING

**Village of Weston, Wisconsin**

May 29, 2020

## BACKGROUND

The following questions have been submitted to date.

## QUESTIONS

1. *Are hard copy proposals still going to be required?*

**Response: The requirement for a hand delivered proposal will be waived, only electronic submittal is necessary.**

2. *The secondary purpose of this project is to provide an evaluation and conceptual layouts for utilities to serve currently undeveloped areas east of Kramer Lane.*

- a. *Are conceptual layouts for both sanitary sewer and water main required?*

**Response: This part of the RFP can be ignored. The purpose was to verify the depth on Apache Ln is able to serve the areas to the east. The Village will provide consultants with the necessary depth requirements and therefore an evaluation is not necessary.**

- b. *The Sanitary Sewer Master Plan Update discusses Expansion Area 3 – Town of Weston which is the area east of Kramer Lane in the Master Plan Update. This expansion area encompasses 2,500 acres and assumes a future 4,000 single family homes producing 400,000 gpd of wastewater. When the RFP states the area east of Kramer Lane, does that mean the entire 2,500 acres in the Town of Weston? If not, please define the area east of Kramer Lane that you want addressed.*

**Response: As noted above, this was an error in the wording of the RFP, it should be east to Kramer Ln, not east of. The layout should reflect the recommendations by Clark Dietz in the Village's updated Sanitary Sewer plan to ensure future service east of Kramer Ln is available. This is primarily to ensure the correct depth of the sewer main is being designed along Apache Lane.**

- c. *Is the Village willing to make a copy of the recent water system master plan and modeling available to consultants proposing on this project?*

**Response: The water system master plan is currently still a work in progress. The selected consultant will be furnished the plan when it is completed, but all the consultant should need at this time is the diameter of the watermain to be extended which is currently 12 inches at the northern end of Ryan St.**

- d. *The "analysis" of the future service areas is not mentioned in the scope of work section and appears to be outside the scope of this design project. Is this part of the project or not?*

**Response: The "analysis" the Village is seeking is verification the sewer depth being recommended for Apache Ln is adequate to serve areas to the east of Apache Ln. The Village will provide necessary information for invert depths at Gusman and Kramer Ln. This was poorly written in the original RFP.**

3. *Will Trotzer and Apache Ln be reconstructed? Is the cost to reconstruct included in the 2019 CIP cost estimate for this project shown? What street reconstruction standard will be used? What is the desired reconstructed typical section for this neighborhood based on the Village budget for this project?*

**Response:** Trotzer and Apache Lane are expected to be reconstructed due to the depth of the sanitary sewer needed to be installed. The cost to reconstruct these streets is figured into the Village's estimate of \$468,475 as a 2021 construction year cost.

The typical section to be used will likely be a rural section with ditches. The Village's preference is to utilize a concrete shoulder instead of a gravel shoulder in residential areas. For drainage, infiltration trenches with perforated storm sewer is likely the best option in this area with an inlet between driveways.

4. *Do the people along Apache Lane want to be connected to water and sewer? Is the Village planning to special assess the property owners that will be served by the new utilities?*

**Response:** Residents along this stretch have periodically asked about sewer and water as their wells have needed rehabilitation or their septic systems have failed and needed to be replaced. The problem is the wells and septic systems don't all fail at the same time. The main purpose is to loop the water main to make a second crossing of the Eau Claire River and provide redundancy to the Village's water system in case something would ever happen to the one pipe that is currently crossing the river at Ross Ave.

The Village is planning to assess property owners, though the specific conditions are still to be defined. The Village is currently leaning toward a deferred assessment until customers connect to the new utilities with a maximum deferral period before connection is required. The Village will handle the special assessment process internally.

5. *Is there existing soils information and or any wetland/floodplain information available for this area?*

**Response:** A full geological survey in the area has not been conducted. Per the RFP, Geotechnical borings shall be conducted as deemed necessary and will be considered as extra services. However, as part of a study in 1998/99, soil borings were taken at several locations along the proposed route. The link to those borings and data can be found here:

<https://westonwi.gov/DocumentCenter/View/7456/Rock-Boring-Results-Reduced>

Please note specifically SB2, SB3 and SB4 are the relevant borings as SB2 is at the far north end of Ryan St, SB3 is at the intersection of Trotzer Ln and Apache Ln and SB4 is at the intersection of River Bend Rd and Apache Ln.

6. *Will the Village or the Consultant be completing the Zoning Permit for the utilities project which will be passing through the Eau Claire River's General Floodplain District (GFP), Floodfringe District (FF) and Floodway District (FW)?*

**Response:** The consultant would be responsible for all required permits on the project.

7. *Are record drawings available for the subdivision and/or the Ryan Street lift station. Is elevation data available for existing utilities, specifically sanitary.*

**Response:** The as-builts for the area can be found at the following link: <https://westonwi.gov/DocumentCenter/View/7455/River-Crossing-As-Builts-Ryan-and-Apache-Ln-Area>

8. *Does the Village want the consultant to evaluate upgrading the Ryan Street Lift Station as part of the scope of work?*

**Response:** The Ryan Street Lift Station is not included in this scope of work.

9. *Primary Pipe and Secondary Pipe are shown on the map; are both layouts part of the design project or is there supposed to be an alternative cost-benefit analysis to evaluate the Village's preference prior to design? If analysis is required, will both routes shown on the map need to be surveyed?*

**Response:** When the RFP went out there was initial thought that perhaps a backyard pipe along Apache would make sense to minimize plumbing costs for residents connecting to the sewer system. However, upon further review, the Village does not prefer this option as it limits the customers who could potentially connect and would inevitably lead to more infrastructure needing to be put in the ground to serve both sides of Apache Ln. Thus, the route to focus on would be under pavement going east on Trotzer Ln to Apache Ln and then on Apache Ln north to Estate Drive.

10. *Does the Village have a preferred coordinate system (Horizontal and Vertical Datum) for survey and design?*

**Response:** The Village would require the vertical datum to match existing as-built elevations. Past survey's have utilized the Wisconsin County Coordinate System – Marathon County, NAD83 (2011 Adjustment) and NAVD88 – WI Geoid 12A Vertical Datum.

11. *Would the Village consider exploring funding opportunities for this project such as Safe Drinking Water and Clean Water Fund programs?*

**Response:** The Village would be open to other funding opportunities, but is not requiring it. Any work to do this should be listed separately in the proposal.

**END OF ADDENDUM #1**

# REQUEST FOR CONSIDERATION

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<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Request for Proposals for Crestwood Acres Addition Neighborhood Reconstruction</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works</b>
<b>Question:</b>	<b>Should the Public Works Committee endorse sending out the Request for Proposals for the Crestwood Acres Addition Neighborhood Reconstruction Project?</b>

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## Background

The Crestwood Acres Addition Neighborhood Reconstruction Project is listed in the Capital Improvement Plan for a 2021 year reconstruction. A Request for Proposals (RFP) is planned to be sent out next week Tuesday, June 9 to select engineering consulting firms: (AECOM, Becher Hoppe, Clark Dietz and MSA). A copy of the RFP is attached for your reference. Proposals would be due Wednesday, July 8. The roads to be reconstructed as part of this project include Rodney, Randy Jay, Kirk, Douglas, Robin and E Everest.

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**Attached Docs:** - Draft RFP and CIP Description

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**Committee Action:** - N/A

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**Fiscal Impact:** - Will be known when the Proposals are returned.

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**Recommendation:** Staff recommends sending the RFPs out next week.

## Recommended Language for Official Action

**I recommend staff send out the RFPs next week Tuesday, June 9th.**

**Or, Something else**

---

Additional action:



REQUEST FOR PROPOSALS  
FOR  
NEIGHBORHOOD STREET  
RECONSTRUCTION  
CRESTWOOD ACRES ADDITION

**Village of Weston, Wisconsin**

June 8, 2020

## INTRODUCTION

The Village of Weston desires assistance from a qualified consultant to prepare construction plans and bidding documents for a neighborhood reconstruction project.

This request for proposals is for design services related to the reconstruction of a residential neighborhood to include street, sanitary sewer, storm sewer, and water distribution system evaluation and design. The project consists of Randy Jay St, Rodney St, Kirk St, Douglas Ln, Robin St and E Everest Ave. The neighborhood is bounded by E Everest Ave to the South, Kirk St/Tower Ridge to the East, E Jelinek Ave to the North and Camp Phillips Rd (CR-X) to the West. These streets are currently a rural cross section with minimal drainage facilities. The current streets were built between 1969 and 1975 generally. The water main is Asbestos Cement and the sanitary sewer consists of ABS pipe. Soils in this area are generally clay with high ground water and rock present.

## SCOPE OF WORK

To provide prospective consultants some background on the proposed project, the following materials are attached: (\*.pdf files):

- GIS map of the neighborhood showing approximate location of utility mains with existing material and pipe size.
- As-Builts for existing sanitary sewer, storm sewer and watermain.

In general, the consultant shall complete the design documents to reconstruct the roadway, water main, sanitary sewer, surface drainage and storm sewer within the project area. The project will include complete replacement of existing watermain with Ductile Iron main as well as sanitary sewer replacement. A storm water management plan for the area will need to be developed to best handle the high ground water problem and ensure street sections are designed to minimize water impact during the freeze/thaw cycle in the spring which these roads are extremely susceptible to. The total project length is estimated at 5,545 feet. As part of the stormwater analysis, the typical section of the project will be determined. The right of way on the streets within the project area varies from 55 feet to 66 feet depending on the road.

The specific tasks for the project are listed below. The end result of these tasks will be complete final construction plans and specifications. The consultant will also manage the bidding phase of the project.

1. Field, Topographic Survey, Base Map
  - a. Consultant shall contact Digger's Hotline for a list and location of utilities in the area and survey for as-built locations including the establishment of sufficient detail for possible conflicts and/or relocations. Field surveys will need to be completed to establish accurate drainage design, earth work quantities, construction boundaries, centerline roadway design, driveway improvements and utility reconstruction at a minimum.
  - b. A base map shall be developed based on the information obtained from the field survey. The consultant will be responsible for setting bench mark data and horizontal control points for future project use. The survey will include locating existing property lines along the entire project to determine property lines, locate

existing section corner monuments and obtain property ownership data. The right-of-way will be shown throughout the project area.

2. Project Management and Coordination

- a. The Consultant shall ensure an efficient and coordinated project development process, the delivery of a high-quality product and development of the project components within budget and on schedule.
- b. The consultant shall conduct one operational planning meeting to acquaint the Village, utilities and other potentially affected parties, based on the Village's concurrence with the concepts and probable impacts of the project. The Consultant shall prepare all exhibits and handouts to conduct the meeting. The Village will select the site for the meeting and assist with coordinating the time for the meeting. The Consultant shall prepare and send the notices to affected parties.
- c. The Consultant shall participate in at least one Public Information Meeting with the residents in the project area. Consultant shall prepare all exhibits and handouts for this meeting.
- d. The Village will be responsible for notifying residents and coordinating any meetings related to special assessments.
- e. Consultant shall at a minimum conduct and attend one preliminary design meeting and one final design meeting with the Village of Weston.
- f. The Consultant shall research and coordinate with other agencies such as, Wisconsin Public Service Corp., etc. to obtain necessary drawings or as-built plans. Coordinate all proposed project impacts with corresponding local utility companies. Consultant shall conduct one utility coordination meeting inviting all utilities and/or services such as refuse, postal service, etc. to the meeting. Utility review and feedback of the utility meeting and project plans will be used in the final design of the project. This would include the development of any special requirements in the specifications or specific details in the project plans to aid in the bidding process.
- g. Describe the number of meetings and types of meetings that you recommend in your scope of work, if any, that are not included above.

3. Preliminary Design – Prepare preliminary construction plans consisting of the following:

- a. Title Sheet
- b. Typical Sections and General Notes
- c. Plan and Profile Sheets
- d. Water Main & Sanitary Sewer Plan
- e. Storm Sewer Plan
- f. Cross Sections
- g. Erosion Control Plan
- h. Project Overview – Single Sheet Schematic Drawing showing project limits.

Geotechnical borings to establish sub grade conditions, ground water and pavement design parameters shall be conducted as deemed necessary upon Village approval and will be considered as Extra Services.

4. Permitting – Conduct coordination with the Wisconsin Department of Natural Resources (DNR) and other regulatory agencies as required.

- a. Apply for applicable permits required by DNR for storm water discharge NR151/216 compliance including a storm water management plan.
- b. Sanitary sewer coordination with DNR, Marathon County and Rib Mountain Metropolitan Sewerage District shall be conducted to apply for applicable approvals.
- c. Water main extension approval applications showing fire flow levels for improvements to the piping network shall be coordinated with DNR.

Further design requirements by these agencies or environmental approvals beyond state agencies, such as the Army Corp of Engineers, etc. shall be deemed Extra Services if mandated.

5. Final Design – Prepare final construction plans consisting of the following sheets:
  - a. Title Sheet
  - b. Project Overview – Single Sheet Schematic Drawing showing limits of the project
  - c. Typical Cross Section and General Notes Sheet
  - d. Details
  - e. Storm Sewer Plans
  - f. Water Main & Sanitary Sewer Plans
  - g. Erosion Control Plan
  - h. Pavement Marking Plan
  - i. Plan and Profile sheets (1" = 20' scale)
  - j. Cross Sections
  
6. Specifications, Quantities, Estimate, Bid documents – Prepare construction specifications and bidding documents utilizing standard specifications for the Village of Weston and applicable Standard Specifications for Sewer and Water Construction in Wisconsin and Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, recent Editions. Quantities for applicable bid items shall be taken off of the final plan for bidding and inserted into the bid form. Schedules for storm sewer shall be generated and inserted into the project plans. Consultant shall prepare an opinion of probable construction costs. The opinion of probable construction costs shall utilize average bid prices from similar type and size projects in the area.
  
7. Bidding Services – The consultant shall
  - a. Prepare and submit advertisements for bids to the Wausau Daily Herald
  - b. Review prequalifications and make recommendations to the Village
  - c. Conduct the bid opening
  - d. Check contractors bidding calculations
  - e. Prepare bid tabulation of contractors' bids
  - f. Make a recommendation of award to the Village
  - g. Prepare contract documents and submit to contractor and the Village for execution

Construction Services will be determined at a future time and those services are not part of the scope of work for this proposal.

## **SCHEDULE FOR DELIVERABLES**

Consultants are asked to propose the project schedule for a 2021 calendar year construction.

## **PROJECT PROPOSAL**

The proposal should describe your firm's experience and capabilities to provide design and bidding services for the project. Your proposal should provide sufficient information to the Village to determine your firm's capabilities to provide the required deliverables. The proposal must include the following minimum information:

- 1) Firm name, address, telephone number and contact person.
- 2) A statement of interest and qualifications for this project.
- 3) A description of your project understanding and your firm's approach to the tasks identified. Include any concerns regarding permits, data, etc., required to provide the deliverables for this project. Any concerns your firm would have with the proposed schedule for deliverables should also be identified.
- 4) Discussion of your firm's specific abilities and expertise to provide the required professional services and qualifications related to the project requirements.
- 5) The proposed project manager and key personnel who would have a significant role on this project team, including detailed resumes. Clearly identify sub-consultants, if proposed, with similar information. If sub-consultants are proposed explain the intended working relationship and responsibilities of each firm.
- 6) Examples of specific knowledge, expertise, and project management experience related to this type of project.
- 7) Descriptions of not more than 3 related/similar projects completed by your firm for other owners. Reference information must include:
  - a) Name of owner
  - b) Project name
  - c) Brief Description of your firm's involvement
  - d) Contact Person
  - e) Address (including e-mail if applicable)
  - f) Telephone number
  - g) Your firm's key personnel involved with the referenced project.
- 8) Project Cost Breakdown
  - a) For each section identified in the Project Scope, list the estimated hours and estimated cost to complete each of those tasks.

## **PROPOSAL SUBMITTALS**

1. Any restrictions on the use of data contained within a proposal must be clearly stated in the proposal itself. Non-disclosure cannot be guaranteed after the selection stage of this procurement due to public records law considerations.
2. Submit an electronic copy of the proposal to the individual specified in item 3 below.

3. Proposals shall be received by **4:00 p.m. Wednesday, July 8, 2020 and sent to:**

Michael Wodalski, P.E.,  
Director of Public Works  
Village of Weston  
[mwodalski@westonwi.gov](mailto:mwodalski@westonwi.gov)  
5500 Schofield Avenue  
Weston, WI 54476

Proposals received after the above stated day and time will **NOT** be accepted. Actual receipt by said time is required.

4. Only written questions concerning the project will be accepted. Questions must be directed to the address above. Written answers to all questions will be provided to all firms solicited for the project, provided they are received no later than 5:00 P.M. on July 3, 2020. Questions received after July 3 will not be answered. Addendums will be sent out on Monday's following questions the week prior with the final Addendum to be issued on Monday, July 6, 2020.

## **CONSULTANT SELECTION**

Proposals will be reviewed and evaluated by a Consultant Selection Committee comprised of three representatives of the Village of Weston. Consultants will be ranked in order of preference based on their proposal and supplementary information gathered via telephone and/or e-mail. The Consultant Selection Committee will consider the following criteria in evaluation of the proposals

1. Consultant's understanding of and approach to this project (35%)
2. Related project experience/qualifications of the firm (20%)
3. Related project experience for the assigned personnel (20%)
4. Cost (25%)

## **SELECTION PROCESS CALENDAR**

The anticipated calendar for the selection process is as follows:

July 8, 2020 – proposals received.

July 13, 2020 –discussed with the Public Works and Utility Committee

July 20, 2020 – contract awarded by Village Board

## Village of Weston Capital Improvement Plan Projects 2020-2024

Project Name:	Crestwood Acres Neighborhood Reconstruction Project
Project Background:	<p>The project consists of a complete reconstruction of the streets directly east of Camp Phillips Rd and south of E Jelinek Ave. The specific streets are: Randy Jay St., Rodney St., Kirk St., Douglas Ln., Robin St., and E Everest Ave.</p> <p>In total, approximately 5,555 feet (~1 mile) of roads will be reconstructed. The current roads have PASER ratings between 2 and 5. Besides poor roads, there is also poor drainage in this neighborhood as it has clay soils and poorly defined ditch lines and a lack of storm sewer. Water tends to sit in yards from spring until mid-summer.</p> <p>The watermain in the majority of the project is Asbestos Cement and will be replaced. There have been several issues with lateral leaks at the connection to the main and currently there are several broken water valves in the area that need to be replaced.</p> <p>The proposed project reconstructs the streets, would install a drainage network, and would replace water and sanitary sewer lines. Sidewalk will also be installed per Village code.</p>
	1. <u>Regulatory Compliance:</u> There is not a mandate to do the project, but the project will be required to comply with current state and federal regulations.
	2. <u>Need/Necessity:</u> The roads in this area are in very poor condition and require frequent patching during the non-winter months. Additionally, the lack of drainage infrastructure leads to several small ditching projects each year in this area. There are several broken water valves that need to be replaced as well.
	3. <u>Public Safety/Health Impact:</u> Improving the roads will make them safer for the traveling public. Replacing broken valves and old watermain will improve the reliability of the water system in this area.
	4. <u>Existing Infrastructure:</u> This is existing infrastructure that will be updated to current standards. Watermain would likely be upsized on E Everest to provide better looping of mains to the water tower.
	5. <u>Consistency with Plans:</u> The Village's Comprehensive Plan notes that roads will be considered for reconstruction once it has a PASER rating of 5 or lower, which these roads have.
	6. <u>Operating Budget Impact:</u> The project will result in less money spent for patching primarily on these roads as well as less utility funds spent on replacing broken water valves on a case by case basis.
	7. <u>Capital Funding:</u> There may be a small portion of this project paid for by Special Assessments <25%.
	8. <u>Growth/Economic Development:</u> The project will help revitalize the neighborhood
	9. <u>Quality of Life/Placemaking:</u> The addition of sidewalks will improve the recreational opportunities for the neighborhood.



Figure 1: Map of streets included in this planned neighborhood reconstruction.



Figure 2: Kirk St Pavement Deterioration, typical for the roads in this neighborhood.



Figure 3: Kirk St water service leak from 2017.



Map Date: 5/29/2020  
Adoption Date (Village): N/A



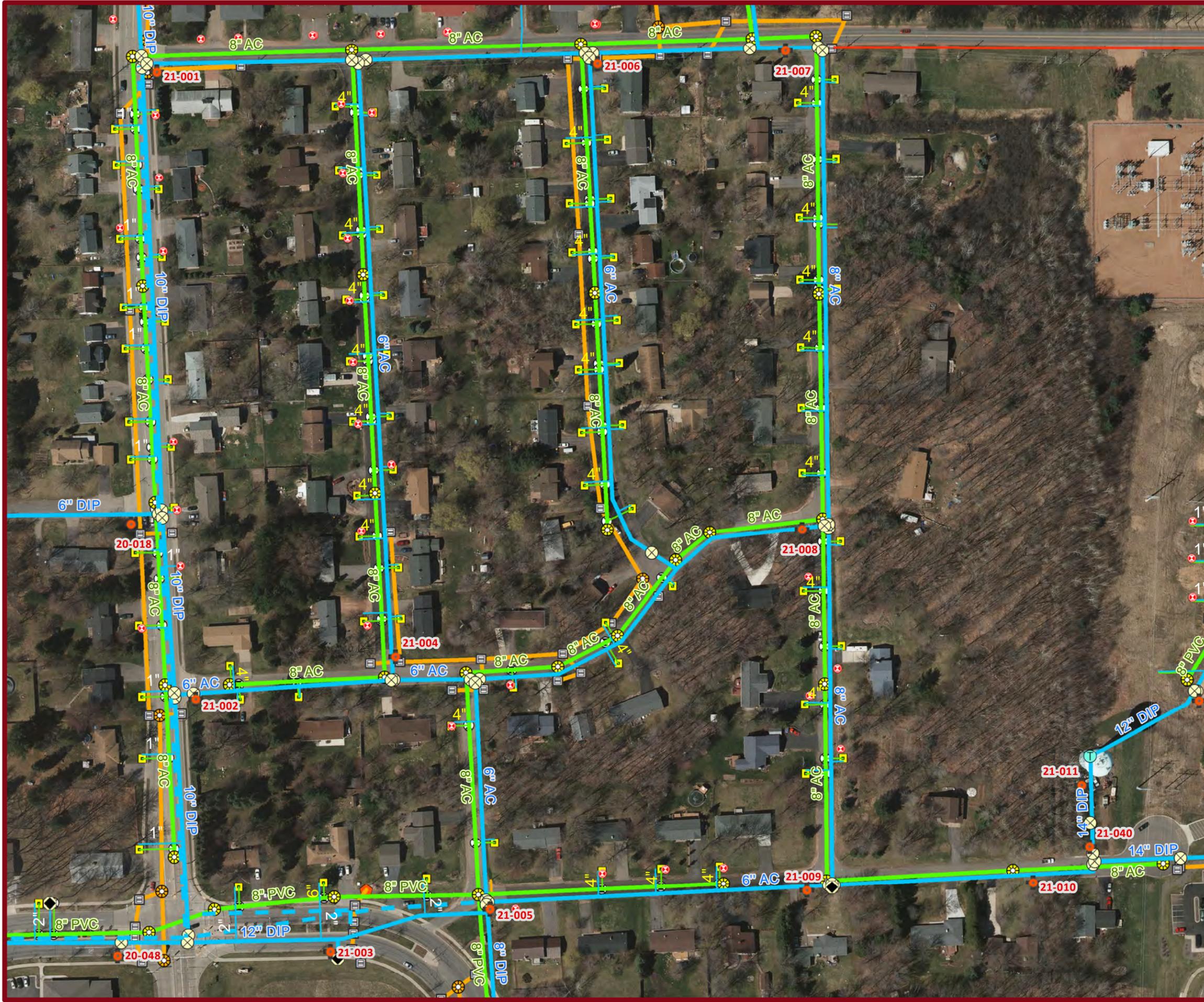
Map by the Village of Weston Public Works, Utilities,  
& Technology Services Department

0 0.02 0.04 0.08 Miles

## Crestwood Acres Utility Map

### Legend

- |                                 |                                 |
|---------------------------------|---------------------------------|
| Water Abandoned Points          | <b>Sewer Network Structures</b> |
| Water Abandoned Lines           | <b>Structure Type</b>           |
| Water Construction Lines        | Discharge Structure             |
| Water Test Stations             | Diversion Chamber               |
| Water Hydrants                  | Diversion Point                 |
| Water Pumps                     | Junction Chamber                |
| < other values >                | Lift Station                    |
| Treatment Plant                 | Production Well                 |
| Enclosed Storage Facility       | Pump Station                    |
| Weston.DBO.CurbStopGPS          | Split Manhole                   |
| <b>Water Network Structures</b> | Storage Basin                   |
| < other values >                | Tide Chamber                    |
| Treatment Plant                 | Treatment Plant                 |
| Enclosed Storage Facility       | Sewer System Valves             |
| Weston.DBO.CurbStopGPS          | Sewer Clean Outs                |
| <b>Water System Valves</b>      | Sewer Taps                      |
| < other values >                | Sewer Service Connections       |
| Ball                            | Sewer Casings                   |
| Butterfly                       | Storm Inlets                    |
| Cone                            | Storm Manholes                  |
| Gate                            | Storm Gravity Mains             |
| Plug                            | Storm Culverts                  |
| Water Mains                     | Storm Lateral                   |
| Water Lateral Lines             | Storm Clean Outs                |
| Water Casings                   | Storm System Valves             |
| Water Structures                | Storm Detention Areas           |
| Sewer Manholes                  |                                 |
| Sewer Gravity Mains             |                                 |
| Sewer Pressurized Mains         |                                 |
| Abandoned Sewer Line            |                                 |
| Sewer Lateral Lines             |                                 |



# REQUEST FOR CONSIDERATION

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<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Weston Ave Corridor Study Discussion</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works</b>
<b>Question:</b>	<b>Discussion only</b>

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## Background

On Thursday, May 28, the initial meeting was held with Village staff and planning consultant Mark Roffers regarding the Weston Avenue Corridor study which is looking at the future land use and design of the lands along Weston Avenue from County Road X to County Road J. As a committee, we will likely be having several joint meetings with the Plan Commission over the next year to go over the vision for this area and what improvements should be recommended.

As we look at this corridor, we'll need to review and plan for sanitary sewer, storm water, potable water supply and transportation infrastructure to serve this area in the future. Attached is the planning area which is being broken up into 3 areas (west, central and east) as well as the general typical section of the existing roadway. This discussion is meant to introduce the project with the committee and to get any initial feedback.

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**Attached Docs:** - Corridor Districts and Existing Typical Section of Weston Ave

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**Committee Action:** - N/A

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**Fiscal Impact:** -

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**Recommendation:** Discussion Item Only

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## Recommended Language for Official Action

**Discussion Item Only**

**Or, Something else**

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Additional action:

Planning Area and Districts

**DRAFT**

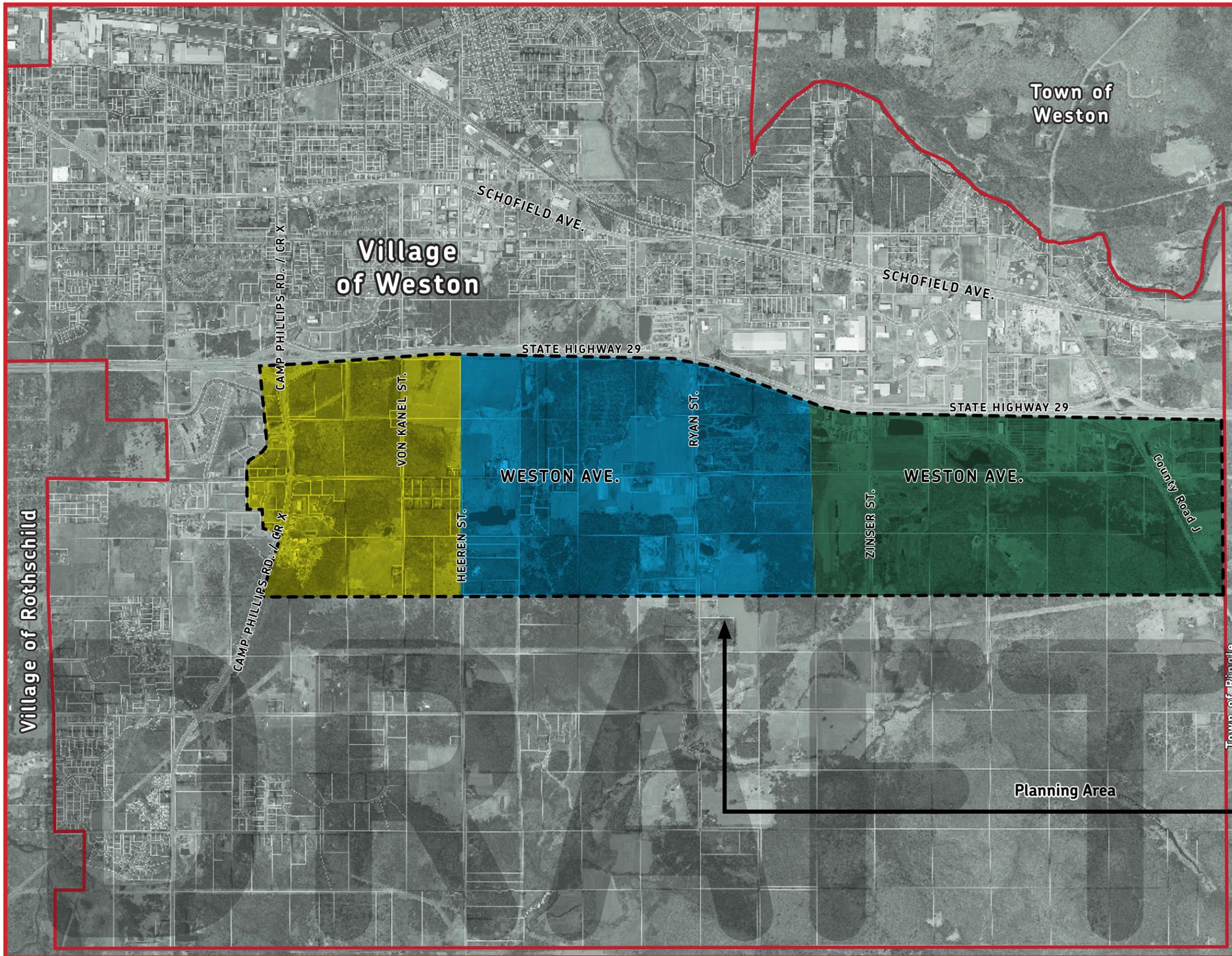
THE VILLAGE OF  
*Weston*

~1600 ft. **N** ↑

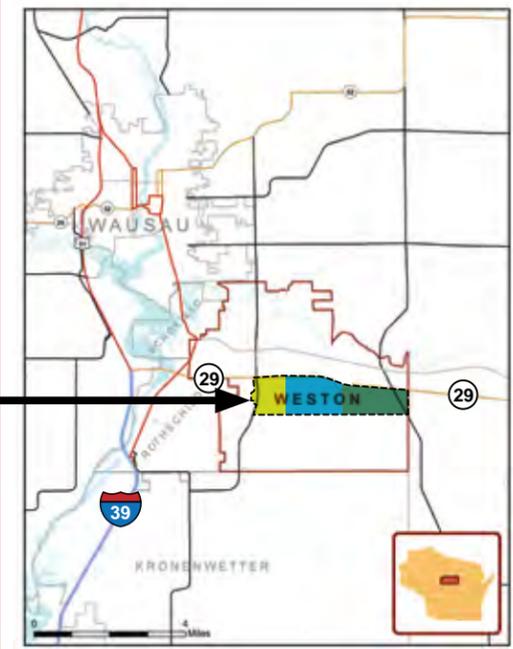
Date: May 26, 2020

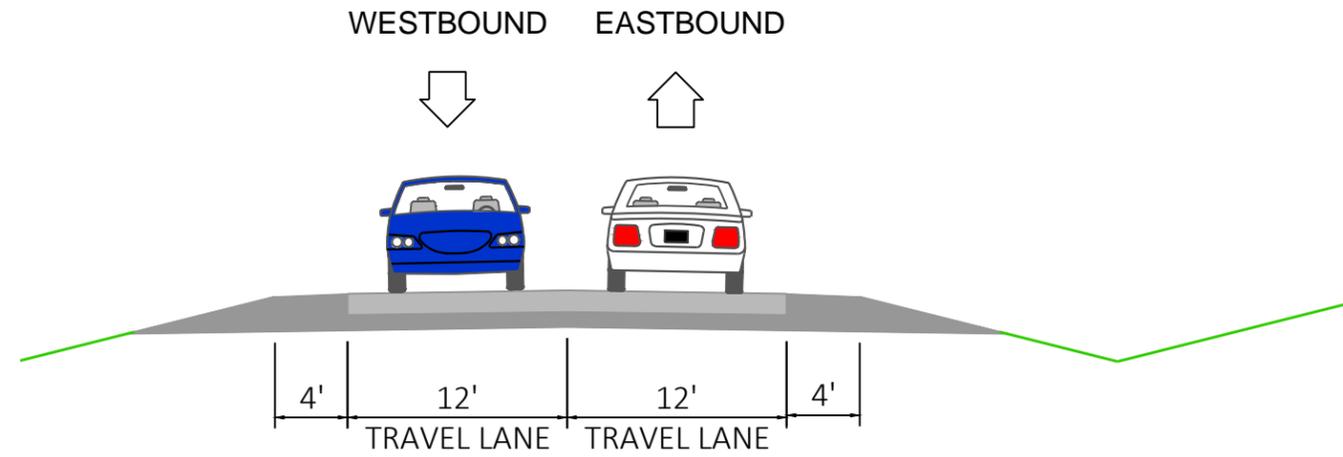
**LEGEND**

-  Municipal Limits
-  Planning Area
-  Western District
-  Central District
-  Eastern District



**Regional Context**





## TYPICAL EXISTING SECTION - WESTON AVE

# REQUEST FOR CONSIDERATION

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<b>Public Mtg/Date:</b>	<b>Public Works Committee – 6/8/2020</b>
<b>Description:</b>	<b>Discussion on Sidewalk Installation</b>
<b>From:</b>	<b>Michael Wodalski, Director of Public Works</b>
<b>Question:</b>	<b>Discussion only</b>

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## Background

At the last meeting the need for sidewalk along the cul-de-sac streets of Arrow and Sunset in the Weston School East Neighborhood Project was discussed. As was mentioned, the current subdivision code requires sidewalk and/or a multi-use path to be installed on all newly constructed or reconstructed streets in the Village.

At the meeting it was discussed that if modifications were to be made to sidewalk requirements, we need to determine what the future vision is for the Village and how we want to account for pedestrian movements going forward if sidewalks requirements are relaxed. There should be set criteria for waiving the installation of sidewalks.

Items such as, length of street, anticipated traffic volumes, adjacent land use, etc. should all be looked at prior to making or suggesting any changes. I am also attaching the section from the Comprehensive Plan which lays out the vision from 2015 so the Committee can see where the current requirements are coming from.

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**Attached Docs:** - **Comprehensive Plan sections regarding pedestrian facilities/sidewalk**

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**Committee Action:** - **N/A**

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**Fiscal Impact:** -

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**Recommendation:** **Discussion Item Only**

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## Recommended Language for Official Action

**Discussion Item Only**

**Or, Something else**

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Additional action:

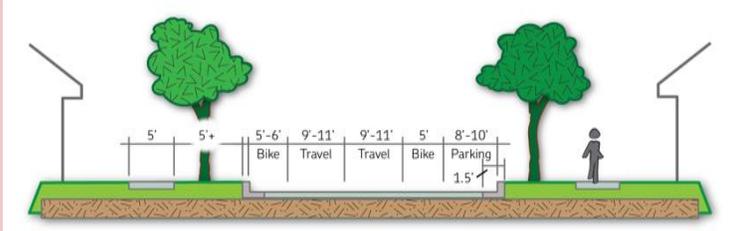
### 9.5.3. Design Village Transportation Network for Different Users & Purposes

Linked, multi-purpose streets create tangible and money-saving benefits for the public and municipal government. Efficient routes for snow plowing, garbage collection, bussing, and other public services mean fewer costs in fuel and time, reduce redundancy when driving prescribed routes, and create more livable places.

Weston will undertake the following efforts to grow its transportation network:

- **Design and Build New and Reconstructed Roads as Complete Streets.** As described to the right, Complete Streets is both a philosophy and method of designing roadways to serve cars, cyclists, and pedestrians. Complete Streets help manage traffic to the function of the roadway, for example by ensuring that neighborhood streets do not facilitate speeding. In June 2015, the Weston Village Board adopted a Complete Streets policy and directed Village staff to develop implementation strategies to increase the usability of all streets for all modes of travel for citizens of all ages and abilities in the village, via Resolution VW-15-14. The policy will be implemented through inclusion of Complete Streets improvements in roadway projects listed in Figure 9-1, and through an update to the village's subdivision ordinance adopted earlier in 2016.

**What are Complete Streets?**



This graphic illustrates just one example of a Complete Street—for a collector road in a neighborhood setting. In general, Complete Streets are roadways designed and operated to enable safe, convenient, and comfortable access and travel for all users. Pedestrians, bicyclists, motorists, and other transportation users of all ages and abilities are able to safely and comfortably move along and across a complete street. In addition to providing a sound local transportation policy option, adherence with Complete Streets policies has been required in Wisconsin for any highway project involving state or federal funding. In addition, state and federal transportation grant programs favor communities that have Complete Streets policies, like Weston.

- **Create More Linkages Where Practical.** Weston's current inventory of roads reflects a rural residential community that grew in a short period of time. As it grew, its roads did too, but not always in the most interconnected way. Better road linkages make it easier for emergency access and maintenance. Shorter routes also reduce vehicle miles travelled and air pollution. Connections between neighborhoods that are otherwise adjacent enhance community connectivity, both physically and socially. Where full road connections are not practical, the village will pursue walkway or path connections.
- **Discourage New Dead-End Streets.** Closed cul-de-sacs are an example of a street design that inhibits connections. The village will strongly discourage future road designs that feature cul-de-sacs and other streets with only one outlet.

- **Install Traffic Calming Devices Where Appropriate.** Another way to mitigate congestion and reduce speeds on roadways is to implement devices that work to physically impede the rate but not the flow of traffic. This may include the narrowing of roadways (curb extensions) or refuge medians at pedestrian crossings, speed humps, and other devices or techniques appropriate to the particular street and need.

#### 9.5.4. Support Additional Bicycle and Pedestrian Transportation Options

The village, along with the Wausau MPO, has made great strides in the past few years supporting bicycling as a commuting option. For example, Weston now has on-street bike routes that connect to other communities in the Wausau metro area. When performing improvements on roads along the bike routes, Weston intends to provide bike lanes or similar space to accommodate riders.

The village maintains a number of off-street, shared-use paths for bicyclists and pedestrians, and a comprehensive plan for additional paths. These are depicted on Map 7-3 and discussed further in Chapter 7: Parks and Recreation. Many serve both recreation and transportation purposes for both cyclists and pedestrians.

Due to the rural origins of the village, many collector roads and subdivisions lack sidewalks. Where they do exist, sidewalks and terraces are often narrow. These conditions make transportation on foot difficult and sometimes dangerous.

The village recognizes the importance of building a more developed network of pedestrian facilities, via the following and other approaches:

- **Prioritize completion of key shared-use path and/or sidewalk projects.** A strong emphasis will be placed on filling gaps and completing projects in areas near schools and parks and along arterial and collector roads. Filling gaps in the sidewalk or shared-use path network may happen as part of new subdivisions, with street reconstruction projects, or as stand-alone projects where need dictates.
- **Require pedestrian facilities at the front end of new development projects.** The village will work to ensure, through new development approvals, that planned sidewalks and paths are built with the initial road, sewer, water and other infrastructure for the development wherever possible. Also, with the approval of new commercial, industrial, multiple family residential, and institutional development projects, the village will ensure that private pedestrian facilities are designed into the development, connecting existing and planned public sidewalks and paths to building entrances; that pedestrian access from all sides is facilitated; and that pedestrians have comfortable routes to and within the property.
- **Implement new subdivision ordinance policy on sidewalk placement.** In general, good pedestrian system planning supports sidewalks and/or shared-use paths on both sides of all new and reconstructed streets (except for freeways). Two-sided walks are particularly important on all streets near schools and other major pedestrian generators.
- **Lead by example.** The village will consider the needs of pedestrians in all road projects, such as through promoting safe crossing opportunities, intersection designs, and street widths, and in all other public projects like parks and other community facilities. The village will also continually educate and communicate with the public on pedestrian access and safety issues.

## Village of Weston Street Department 6-8-2020 Update

The CR-J Kayak Launch is completed and open for use by the public. The street crew did a very nice job with the construction work. The parking lot and launch will be a valuable asset for the Village of Weston. The drainage easement on the S.C. Swiderski property north of Callon Ave was completed despite an above average amount of rain. The remainder of the month of May brought the completion of the annual spring brush pick up, miscellaneous winter restoration work, continuation of the street sweeping, gravel road grading, pothole patching and time spent at the Ryan St. recycling site organizing stockpiles along with the grinding/hauling out of the large brush pile by Kafka Recycling. There were several inlet repairs/concrete work done along with some minor storm sewer/ditching work. 1 round of rural/urban mowing was completed to date.

Upcoming work for the month of June will include, finish the spring street sweeping (Sandy Lane Sub division remains to be swept), pothole patching, storm sewer inlet repairs and the spot patching/restoration of streets that have raveling in the asphalt mat using our hot mix patch trailer and infra-red heater. The second week of June will start the raising of manholes and water valves for the upcoming asphalt overlays on River Bend, Fox St, Volkman St and Pleasant View Dr. There is storm water improvements planned on Alta Verde St from Everest Ave to Heuss Ave to improve drainage and catch the sump pump water that is currently being deposited in the ditch line however high ground water conditions and recent heavy rain has delayed the work until we get drier conditions. In the interim we are planning on starting asphalt wedging/repairs on select streets that are either showing signs of raveling or are in need of wedging. Mowing of the urban areas will continue as needed.

Dan Raczkowski 6-8-2020

**END OF  
PACKET**