

APRIL 2025

PUBLIC WORKS MONTHLY REPORT



**TWO
RIVERS**
WISCONSIN

ENGINEERING

HARBOR, 16TH & EMMET STREETS RECONSTRUCTION

Thanks to the Council for awarding the contract. The execution of the contract is in progress. Some preliminary discussions have taken place with Vinton Construction; and, due to the timing in bidding and awarding this work, our anticipated project start has been pushed back until around mid to late July. That should still give us plenty of time to complete the required work.



PIERCE STREET IMPROVEMENTS



The Pierce Street project has been put on hold as part of the funding for the parking lots is through a WDNR Stewardship Grant that required an archaeological study to be completed for areas that would be impacted by the proposed parking lots and trails. The study and subsequent report have been completed and are now awaiting Wisconsin Historical Society approval and WDNR concurrence prior to beginning the project. Because of this delay, the project will definitely not be completed prior to Memorial Day. Once we get WDNR approval, we will contact the contractor to see if they may be able to squeeze us in. Additionally, once we receive those approvals, DPW street crews would also be able to work on some of the trails running from the concession building to Pierce Street and then to Garfield Street. Park & Recreation Director Mike Mathis received the authorization to proceed from the WDNR on May 7th and as such we are in contact with the contractor about their availability and DPW street crews could be out in the park soon.

ENGINEERING cont'd

2024 LEAD SERVICE LATERALS

Contractor is making progress but still has a lot to do including concrete patches from replacements completed last year and earlier this year.

2024-2025 Scattered LSL Numbers

	<u>12/31/2024</u>	<u>4/14/2025</u>	<u>4/30/2025</u>
Public Side Water Services	74	98	146
Public Side Sanitary Laterals	52	68	104
Private Side Water Services	25	28	44
Private Side Sanitary Laterals	9	11	18

2025 LEAD SERVICE LATERALS

Project was bid and the potential award of the contract at the May 5, 2025, City Council meeting was tabled for further evaluation. It will be brought back to the May 19, 2025, City Council meeting.

ENGINEERING cont'd



2025 SEWER LINING PROJECT

Project was bid and was awarded at the May 5, 2025, City Council meeting. Once it is awarded, we will get the contracts executed and turned over to WDNR so that we get our state funding for this project.



LANDFILL

The majority of the work has been completed. The drain tile is installed and backfilled and the clay cap has been roughly placed due to wet conditions. This will need to be completed along with the final restoration of the site and replacement of the pump in the lift station. It has been reported that there is a lot of water flowing out of this new collection pipe from all the ground water that has been trapped and had been slowly seeping out.



PUBLIC WORKS

PUBLIC WORKS SHOP REPAIRS

We are progressing with some of the repairs at the shop such as new openers with safety eyes for the overhead doors, column repairs and some of the service doors. Due to the large dollar values associated with the roofs, they will be required to be formally bid out and awarded.

15TH & WASHINGTON COLORED CROSSWALK

Public Works has made progress on the colored concrete crosswalk at 15th Street and Washington Street. They experienced some delays due to wet weather as rain will bleed the colored concrete if it is not fully cured out. So, even if there was a chance of rain, the crews held off from pouring the concrete. Anticipated that they will finish the crosswalk the week of May 12th.



**EGG
HUNT!**



PUBLIC WORKS cont'd



MEMORIAL DRIVE DOT PROJECT UPDATE



Progress is being made around Memorial Drive.

They have switched lanes for concrete base pavement repairs. They were in the inside median lanes and are now working on the outside travel lane and in some cases the outside shoulders. This concrete base pavement repair work will continue through this week and most likely continue into the early part of next week (5/12) at least Monday and Tuesday in the southbound lanes closer to Manitowoc.

The bridge deck concrete overlay was completed last week and they were awaiting final cure along with some additional bridge work. There was discussion whether to open the bridge and then possibly close it again for other work in and around the bridge but the decision is to keep the bridge closed until it absolutely needs to be (T.B.D.) or required to be opened, which would be May 23rd.

The water valves and a few sanitary manholes in the intersection of 12th/Lake Street and Memorial Drive have been raised to accept the 2.5-inches of asphalt overlay that will be placed in the future. Barricades have been placed around these raised structures.

The start date for the initial thin layer of asphalt has been scheduled for Thursday, May 15th. Approximately 1/2" layer of asphalt will be installed on a northbound lane starting in Manitowoc proceeding north to Two Rivers then the southbound lane. After completing the first round they will repeat the process until all four travel lanes and intersections have been done. This work is scheduled to be completed by May 23rd.

It appears that work is progressing so the through traffic detour interim completion deadline of May 23rd will be met. After that, through traffic will be allowed to utilize Memorial Drive on one of the travel lanes while other work is being completed in the other lane.

The bridge and sidewalk/trail over the bridge will be re-open for the Memorial Day weekend and also available for the June 1st marathon.

WASTEWATER

EFFLUENT FLOW METER UPDATE

The new flow meter had been delivered and installed but we still were not getting appropriate measurements. The vendor thought it may have been the cabling so they installed a new communication cable. As it turns out, the sensors were bad, so new sensors have been ordered.



CMOM UPDATE



A good working copy of the CMOM (Capacity, Management, Operation and Maintenance) Plan was submitted and received by WDNR April 30th. WDNR stated they did receive it and will review and make comments on it when time allows. Their only other comment is that since the collection system maintenance responsibilities are split between wastewater and DPW street staff, they want at least two (2) people (one from each group) certified as collection system operators. We were prepared on the wastewater side of that request, but were not expecting a DPW staff person would also need to be certified. No further discussions have been had regarding how to proceed to meet WDNR's requirements along with remaining fiscally responsible to the community as well as meeting the needs of public works.

Note: The City of Manitowoc is also required to have two (2) different certified collection system operators because of the similar cleaning responsibilities that we have. WDNR is remaining consistent in the implementation of this requirement.



WASTEWATER cont'd

eCMAR UPDATE

Dave Casebeer completed a draft of the report and submitted for the director's review. For the most part, the eCMAR results are very similar to past years with the city again receiving a failing grade due to high BOD influent flows primarily coming from Riverside Foods. We are continuing to work with them to get that under control. A resolution and the final report will be presented at the June Public Utilities Committee meeting and then request approval at either the June 2nd or 16th City Council meeting.



2025 Public Works/WWTP Tracking			2025		2024	
			April	Year-to-Date	April	Year-to-Date
ENGINEERING 2025						
		Landfill Leachate Pumpage (gallons)	808,610	2,496,433	542,281	2,678,538
scott		Precipitation	2.88	8.60	3.78	9
sue		Number of Encumbrance property checks	18	70	27	96
scott/bill		Digger's Hotline Locates	135	274	113	310
STREET DIVISION 2025 (Manhours)			April	Year-to-Date	April	Year-to-Date
53200		Shop/Vehicle Maintenance	588.25	2,755	599.25	2,984
53300		Street Maintenance	13.00	247	2.00	154
53310		Street Cleaning	106.00	234	57.50	329
53320		Street Signs/Painting	149.00	583	133.00	475
53330		Snow & Ice	38.00	1,732	36.00	1,536
53337		PT Snowplowers		60		
53380		Bridge - maintenance		8		1
53381		17th Street Bridge opening	14.75	26	20.50	44
53620		Refuse/Garbage		3		
53625		Recycling/Leaf Collection		177		19
53640		Weed Cutting				
53650		Work for Others	424.50	683	526.50	1,076
53700		Landfill Maintenance	1.00	24		
53710		Landfill Sampling				
*****		PBS Sewers	5	12	3	16
*****		Salted Streets		8	1	8
*****		Plowed all city streets		3		10
*****		Open 17th Street Bridge	32	87	30	86
WASTEWATER UTILITY 2025			April	Year-to-Date	April	Year-to-Date
		Wastewater Treated, Gallons	82,380,000	261,577,000	79,539,000	251,514,000
		MONTHLY AVERAGE: Daily Flow, Gallons	2,746,000	2,170,250	2,651,000	2,108,500
		MONTHLY AVERAGE: Daily BOD, Lbs.	5,069	5,215	3,909	4,550
Plant Discharges (MONTHLY AVERAGE)						
		Biological Oxygen Demand (BOD), mg/l	7.2	11.78	8.7	9.53
		Suspended Solids, mg/l	2.4	5.25	4.2	6.60
		Ammonia, mg/l	0.48	0.73	0.69	0.45
		Phosphorus, mg/l	0.1	0.22	0.16	0.26
		Fecal Coliform, per 100ml	45	51	38	37.00
		pH, Min (6.0)	6.9	6.8	6.8	6.83
		pH, Max (9.0)	7.1	7.0	7.2	7.13
Chemicals						
		Polymer, Gallons	88	352	88	352
		Ferric Chloride, Gallons	2,378	9,654	2,392	9,642
P&Fonly		Chemical Purchases for the month	\$ -	\$ 23,176.45	\$ 11,679.00	\$ 35,020.50
		Mishicot Payment to City	\$ 11,067.03	\$ 30,541.72	\$ 9,236.87	\$ 30,164.43
		Emergency call-ins	3	13	2	6