



# **2023 Annual Report for the Board of Public Works**

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February 13, 2024

To the Honorable Mayor  
And Common Council

City of Wauwatosa, WI

Dear Members:

Quoting from Wisconsin Statutes "Section 62.14 Board of Public Works (5)...Report....They shall keep records of all their proceedings, which shall be open at all reasonable times to the inspection of any elector of such City and "shall make a report to the council on or before the first week of March in each year, and oftener if required."

We are submitting herewith a report of the undersigned Officers who are performing the duties of the Board of Public Works during 2023 as compiled by the Director of Public Works, from records and other data on file in the Public Works Office, and from that furnished by the Division Supervisors.

Your Board respectfully requests the careful and thorough consideration of this comprehensive statement of its activities and accomplishments for the past year, and will welcome any suggestions you may have for including in the future reports, information which will increase its value to you.

Respectfully submitted,

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Alan Kesner, City Attorney

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Paulette Enders, Development Director

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John Ruggini, Finance Director

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Stefanie Escobedo, Building and Safety Manager

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Steve Braatz, City Clerk

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John Dubinski, Ald. – District 2

Public Works Department -- Operations Section

SOLID WASTE ANALYSIS 2013 - 2023

	Solid Waste (tons)						Recycling (tons)	City Total	Yard Waste (tons)									City Total	Non-City Waste Stream		Total Waste Stream	
MONTH	GC1 Garbage Curbside City	GC6 Garbage from Events City	GC3 Garbage Specials City	GC4 Street Sweepings City	Sweepings Hauled to Landfill (Spoils)‡	City Sub Total Solid Waste	GN9 RECYCLING Curbside City Crews	CITY TOTAL GARBAGE & RECYCLING	YC1 Leaves City	YN2 Yard Waste Curbside City Crews	Yard Waste Drop-Off	YC4/YC5 Brush Forestry City	WC1 Stump Grinding City	YC6 Christmas Trees City	YC3 Brush Specials City	Street Sweepings Used in DPW Yard (Fines)‡	City Sub Total Yard Waste	CITY TOTAL WASTE STREAM *	GN3 CoHWY Garbage	Non-City Sub Total Garbage	Garbage to Landfill	TOTAL WASTE †
Jan.	934.54		6.07	0.00		940.61	363.17	1303.78	0.00	0.00		136.27	0.00	34.58	0.00		170.85	1474.63	0.00	0.00	940.61	1,474.63
Feb.	756.99		3.65	0.00		760.64	275.98	1036.62	0.00	0.00		68.10	1.80	0.75	0.62		71.27	1107.89	0.00	0.00	760.64	1,107.89
Mar.	898.72		5.43	14.18		904.15	335.20	1239.35	0.00	0.00		218.69	5.89	0.00	0.99		225.57	1464.91	0.00	0.00	904.15	1,464.91
Apr.	850.36		8.63	193.85		858.99	291.78	1150.77	0.00	182.49		48.80	0.00	0.00	9.56		240.85	1391.62	0.00	0.00	858.99	1,391.62
May	1002.86		5.09	171.80		1007.95	325.29	1333.24	0.00	266.61		20.03	3.27	0.00	0.50		290.41	1623.65	0.00	0.00	1,007.95	1,623.65
Jun.	1034.84		5.98	143.90		1040.82	350.06	1390.88	0.00	273.00		97.51	0.00	0.00	4.58		375.09	1765.97	0.00	0.00	1,040.82	1,765.97
Jul.	933.00		4.40	91.18		937.40	310.58	1247.98	0.00	197.77		119.58	3.47	0.00	7.20		328.02	1576.00	0.00	0.00	937.40	1,576.00
Aug.	988.42		6.07	83.02		994.49	324.27	1318.76	0.00	191.60		169.34	4.69	0.00	2.31		367.94	1686.70	0.00	0.00	994.49	1,686.70
Sep.	807.98		3.93	121.95		811.91	306.85	1118.76	0.00	155.19		80.50	0.00	0.00	0.93		236.62	1355.38	0.00	0.00	811.91	1,355.38
Oct.	920.95		3.33	47.90		924.28	314.59	1238.87	614.32	47.42		112.14	0.00	0.00	1.53		775.41	2014.28	0.00	0.00	924.28	2,014.28
Nov.	992.95		5.52	0.00		998.47	324.85	1323.32	2682.39	0.00		49.75	0.00	0.00	1.44		2733.58	4056.90	0.00	0.00	998.47	4,056.90
Dec.	912.40		1.84	46.20		914.24	325.42	1239.66	1052.42	0.00		98.21	0.00	0.00	0.68		1151.31	2390.97	0.00	0.00	914.24	2,390.97
2023	11,034.01	0.00	59.94	913.98	563.10	11,657.05	3,848.05	14,942.00	4,349.13	1,314.08	0.00	1,218.91	19.12	35.33	30.34	350.88	7,317.79	22,259.78	0.00	0.00	11,657.05	22,259.78
2022 Totals	11,186.77	0.00	68.04	894.44	425.50	11,485.50	3,998.22	15,253.03	4,415.20	1,425.06	0.00	1,493.10	85.66	45.04	34.45	468.94	8,162.26	23,415.29	0.00	0.00	11,485.50	23,415.29
2021 Totals	11,798.42	0.00	96.61	692.81	199.67	12,094.70	4,379.25	16,274.28	3,205.35	1,484.79	0.00	1,257.09	241.01	25.68	26.26	493.14	6,733.32	23,007.60	0.00	0.00	12,094.70	23,007.60
2020 Totals	11,733.84	0.00	46.11	992.97	74.19	11,854.14	4,816.49	16,596.44	3,826.74	1,640.58	0.00	1,539.94	233.02	62.68	26.09	892.25	8,221.29	24,817.73	0.00	0.00	11,854.14	24,817.73
2019 Totals	11,266.19	0.00	47.67	986.14	177.28	11,491.14	4,619.00	16,161.76	5,810.92	1,696.75	0.00	1,521.02	330.63	23.60	40.70	808.86	10,232.48	26,394.24	5.94	5.94	11,497.08	26,400.18
2018 Totals	10,400.00	0.00	122.80	541.36	125.66	10,648.46	5,327.21	15,975.67	3,731.93	1,900.84	0.00	1,280.06	370.08	56.88	106.76	415.70	7,862.25	23,837.92	10.32	10.32	10,658.78	23,848.24
2017 Totals	11,157.62	18.55	64.25	505.27	0.00	11,240.42	4,124.98	15,365.40	3,446.81	1,529.06	0.00	1,441.34	328.15	55.36	41.49		7,016.65	23,781.07	12.86	65.37	11,305.79	23,846.44
2016 Totals	10,983.00	25.23	77.87	591.03	0.00	11,677.15	5,183.65	16,860.80	3,798.45	1,477.68	0.00	1,319.34	397.55	49.69	65.96		7,108.67	18,785.82	55.70	162.76	11,839.91	18,948.58
2015 Totals	10,306.00	23.52	69.44	563.22	0.00	10,962.51	4,820.05	15,782.56	4,546.25	1,582.65	0.00	807.30	351.66	54.78	58.66		7,401.30	18,363.81	0.00	77.68	11,040.19	18,441.49
2014 Totals	9,940.00	32.00	51.00	1,770.00	0.00	10,891.00	4,625.00	15,516.00	4,082.00	1,536.00	0.00	616.00	364.00	39.00	98.00		6,696.00	17,586.00	62.00	216.00	11,107.00	17,802.00
2013 Totals	10,363.00	26.00	68.00	596.00	12,332.00	11,053.00	5,669.00	17,604.00	4,200.00	1,511.00	5,977.00	763.00	355.00	52.00	254.00		13,112.00	22,873.00	152.00	409.00	11,462.00	23,282.00

\* Does not include Recycling  
† Garbage and Yard Waste Total  
‡ Street sweeping spoils and fines weights added to Analysis in 2020. Weights may be obtained in following calendar year (i.e., 2022 weights scaled in January 2023)

Public Works Department - Operations Section

## History of Recycling Center Permit Sales 2013 - 2023

	Annual Permit \$20*	Daily Permit \$5*	Recycle / Yard Waste / Scrap \$5	Yard Waste Permit \$20	<1 CY \$8	1-3 CY \$20	3-6 CY \$30	6-10 CY \$50	10-18 CY \$90	Total
Jan	-	-	259	56	526	60	16	1	0	\$ 8,353.03
Feb	-	-	151	21	273	34	25	2	2	\$ 5,069.00
March	-	-	173	65	524	44	15	7	2	\$ 8,217.00
April	-	-	382	240	628	89	30	21	1	\$ 15,554.00
May	-	-	554	206	860	221	44	23	1	\$ 20,755.64
June	-	-	390	84	609	165	44	10	0	\$ 13,622.00
July	-	-	532	68	870	188	55	12	1	\$ 17,080.00
Aug	-	-	381	14	596	143	32	5	0	\$ 11,023.80
Sept	-	-	309	16	542	128	27	7	1	\$ 10,011.00
Oct	-	-	360	11	735	140	45	15	0	\$ 12,800.00
Nov	-	-	225	6	637	99	29	10	0	\$ 9,671.00
Dec	-	-	261	32	556	88	47	15	0	\$ 10,313.00
<b>2023 Totals</b>			<b>3,977</b>	<b>819</b>	<b>7,356</b>	<b>1,399</b>	<b>409</b>	<b>128</b>	<b>8</b>	<b>\$ 142,469.47</b>
2022 Totals			3,675	640	6,867	1,388	299	31	10	\$ 125,230.19
2021 Totals†	-	-	4,290	729	8,510	1,422	205	24	1	\$ 139,985.65
2020 Totals	-	14,443	-	682	-	-	-	-	-	\$ 85,855.00
2019 Totals	-	13,860	-	613	-	-	-	-	-	\$ 81,560.00
2018 Totals	-	13,009	-	509	-	-	-	-	-	\$ 75,225.00
2017 Totals	-	12,645	-	486	-	-	-	-	-	\$ 72,945.00
2016 Totals	-	11,793	-	370	-	-	-	-	-	\$ 66,365.00
2015 Totals†	12,423	-	-	-	-	-	-	-	-	\$ 62,115.00
2014 Totals	3,788	676	-	-	-	-	-	-	-	\$ 32,460.00
2013 Totals	3,956	510	-	-	-	-	-	-	-	\$ 29,980.00

The numbers are the number of permits sold each month.

\* In 2014 the permit fees were frozen by State Mandate.

† In 2015 the \$20 annual permit was eliminated

‡ In 2021 the Drop Off fee schedule changed to implement fees for refuse and construction debris based on cubic yardage:

- <1 cy: \$8
- 1-3 cy: \$20
- 3-6 cy: \$30
- 6-10 cy: \$50
- 10-18 cy: \$90

- Yard waste, recycling and scrap metal fee remained at \$5 per load

## Public Works Department - Operations Section

**STREET AND SEWER MAINTENANCE 2013 - 2023**

<b>STREET REPAIRS</b>	<b>UNIT</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Asphalt Patch Material Used	Tons	830	861	1,104.28	697.60	958.15	456.41	809.38	707.72	797.56	1004.27	880.64
Crackfiller Used	Gallons	4,180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete placed	Cu. Yd.	187	154	246.80	297.75	261.50	236.75	377	217	311	287.5	435
<b>SANITARY SEWER CLEANING</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Number of Calls	Each	149	175	120	69	88	85	66	98	75	85	93
Linear feet cleaned	Lin. Ft.	302,524	307,944	243,915	332,001	320,490	119,736	169,368	253,755	165,149	315,987	171,211
Water to clean	Gallons	439,500		326,500	489,000	339,500	125,500	236,250	336,750	264,000	454,500	247,500
<b>STORM SEWER CLEANING</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Linear feet cleaned		1,110	278	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No. Catch Basins Cleaned		836	209	605	911	883	492	626	600	609	635	621
Tons of Debris Removed		405	50	117	138.77	150.28	69.31	98.7	74.54	78.38	104.31	65.66
<b>STREET SWEEPING</b>		<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Lane Miles Cleaned					3,250	3,800	2,199	3,353	4,016	3,111	3,632	2,853
Tons of Debris Removed					578.07	505.81	567.53	956.94	966.44	705.73	718.42	840.60
<b>SNOW AND ICE CONTROL</b>		<b>12-13</b>	<b>13-14</b>	<b>14-15</b>	<b>15-16</b>	<b>16-17</b>	<b>17-18</b>	<b>18-19</b>	<b>19-20</b>	<b>20-21</b>	<b>21-22</b>	<b>22-23</b>
Number Plowing Operations	Season	4	7	5	2	2	-	-	-	-	-	-
Number Salting Operations	Season	26	43	23	17	16	-	-	-	-	-	-
Number Plow/Salt Operations*	Season	2	5	2	2	3	35	38	39	33	22	24
Salt Tonnage	Season	5,484	5,648	3,921	2,562	2,872	4,650	4,895	4,104	4,276	3,425	4,718
Total Cost Snow & Ice Control†	Season	\$536,701	\$700,777	\$365,412	\$333,622	\$408,934	\$605,177	\$750,890	\$631,314	\$651,489	\$465,013	\$813,144
Cost/Mile of Streets/Alleys	184 Miles	\$2,917	\$3,809	\$1,986	\$1,813	\$2,222.47	\$3,289.00	\$4,080.92	\$3,431.05	\$3,540.70	\$2,527.24	\$4,419.26

\*Plow/Salt operations to be tracked jointly beginning 2017-18 season.

† Beginning 2022-23 season, new work order system (EAM) uses the standard DOT hourly rates for equipment which are higher than internally calculated rates.

**Public Works Department - Operations Section**

## 2013 - 2023 FALL LEAF COLLECTION COMPARISON

<b>Year</b>	<b>Total Tons</b>	<b>Total Cost</b>	<b>Cost per Ton</b>	<b>Labor Cost*</b>	<b>Equipment Cost</b>	<b>Number of Loads</b>	<b>Avg. Tons per Load</b>	<b>Days of Operation**</b>	<b>Avg. Daily Tons</b>
<b>2023</b>	4,349	\$252,958.63	\$58.16	\$162,565.40	\$90,393.23	719	6.05	71	61.25
<b>2022</b>	4,675	\$297,282.94	\$63.59	\$144,993.04	\$152,289.90	718	6.51	51	91.67
<b>2021</b>	3,205	\$224,745.90	\$70.12	\$131,301.00	\$93,444.90	573	5.59	49	65.42
<b>2020</b>	3,827	\$217,286.57	\$56.78	\$129,078.32	\$88,208.25	610	6.27	52	73.59
<b>2019</b>	5,436	\$203,371.87	\$37.41	\$104,221.14	\$99,150.73	728	7.47	48	113.25
<b>2018</b>	3,732	\$202,414.17	\$54.24	\$123,210.25	\$79,203.92	572	6.52	54	69.11
<b>2017</b>	3,446.81	\$142,963.76	\$41.48	\$69,525.00	\$73,438.76	492	7	165	20.89
<b>2016</b>	3,798	\$159,167.64	\$41.90	\$86,421.16	\$72,746.48	638	5.95	168	23.7
<b>2015</b>	4,654	\$173,001.78	\$37.17	\$83,877.60	\$89,124.18	708	6.57	172	27.05
<b>2014</b>	4,081.51	\$142,759.46	\$35.22	\$68,850.87	\$74,908.59	665	6.13	157	25.99
<b>2013</b>	4,200.70	\$165,467.00	\$39.40	\$80,525.60	\$84,942.32	581	7.22	162	25.92

\* Beginning 2018, using loaded labor rate.

\*\* Beginning 2018, recording only number of days of leaf collection. Previously recording number of days all trucks used for leaf collection.



Public Works Department - Parks & Forestry Section

**PARKS AND FORESTRY ACTIVITIES**

Forestry Activities	2021	2022	2023
Trees planted	596	484	602
Sectional pruning	2,832	2,671	2,548
Training pruning	*Not Available	3,179	2,149
Trees removed due to insect infestation	29	23	76
Total trees removed	496	572	392
City trees treated to help prevent emerald ash borer	1,077	1,161	76
Maintenance requests	968	706	1,379
Landscape beds maintained (sq. ft.)	61,379	61,379	61,379
Perennials and shrubs maintained	8,442	8,442	8,442
In-house turf maintenance on City properties, parks and medians (acres)	90	90	90

Miscellaneous duties performed by Parks and Forestry crews include:

Maintain athletic facilities and equipment at Hart and Webster Parks

Remove debris from Menomonee River

Remove debris from Schoonmaker Creek grate

Maintain and replace flags at City Hall, Public Works, Tosa Pointe and Hart Park

Assist City Clerk with election setup

Assist Public Works with street snow plowing and leaf collection

\*Training pruning not tracked in GIS in 2021. Pruning tracked in GIS system starting 2022.

Public Works Department - Parks & Forestry Section

## HART PARK RENTAL ACTIVITIES

### STADIUM RENTALS

RENTAL TYPE	2021		2022		2023	
	QTY	\$	QTY	\$	QTY	\$
Field hockey	30	5,703	30	7,175	23	5,625
Football	138	45,541	173	42,557	165	45,088
Lacrosse	7	926	6	5,950	13	6,100
Rugby	1	300		-	2	750
Soccer	292	50,805	416	33,681	251	31,869
Track	148	25,308	120	21,425	120	22,438
Torrent Soccer	182	14,475		12,794	120	26,800
Other	89	10,819	41	13,051	24	10,078
<b>TOTAL</b>	<b>887</b>	<b>\$153,876</b>	<b>786</b>	<b>\$136,632</b>	<b>718</b>	<b>\$148,746</b>

### HALL RENTALS

RENTAL FACILITY	2021		2022		2023	
	QTY	\$	QTY	\$	QTY	\$
Tosa Room	6	7,850	44	52,350	5	4,369
Riverview Room	139	47,640	228	84,120	148	49,390
Firefly Room	95	18,938	117	24,765	54	10,690
Garden Room	123	23,074	165	31,665	129	17,475
Park View Room*	106	4,909	-	-	-	-
Curling	-	12,455	-	15,512		17,228
Full Building	-	-	3	7,500	3	7,500
Misc.	-	-	-	-		1,705
<b>TOTAL</b>	<b>469</b>	<b>\$114,866</b>	<b>554</b>	<b>\$215,912</b>	<b>336</b>	<b>108,357</b>

### FIELD RENTALS

RENTAL FACILITY	2021		2022		2023	
	QTY	\$	QTY	\$	QTY	\$
Softball diamond	122	25,801	123	29,705	103	24,118
Tennis courts	491	16,457	540	24,632	423	16,804
Volleyball courts	124	4,512	153	5,556	149	6,705
<b>TOTAL</b>	<b>737</b>	<b>\$46,770</b>	<b>816</b>	<b>\$59,893</b>	<b>675</b>	<b>\$47,627</b>

### OTHER RENTALS

RENTAL FACILITY	2021		2022		2023	
	QTY	\$	QTY	\$	QTY	\$
Picnic areas	233	9,819	170	7,685	70	5,715
Rotary Stage	42	10,830	47	12,860	26	4,090
<b>TOTAL</b>	<b>275</b>	<b>\$20,649</b>	<b>217</b>	<b>\$20,545</b>	<b>96</b>	<b>\$9,805</b>

\*2022 - Park View Room no longer rented.

Public Works Department - Parks & Forestry Section

**FORESTRY REVENUE**

REVENUE SOURCE	2021	2022	2023
Accidents	3,644	6,113	2,027
Tree planting	560	5,761	2,120
Misc.	-	3,300	3,224
<b>TOTAL</b>	<b>4,204</b>	<b>15,174</b>	<b>7,371</b>

**PARKS REVENUES**

REVENUE SOURCE	2021	2022	2023
Hall rentals	114,697	165,160	90,199
Curling	12,445	15,512	17,228
Stadium rentals, other fields, tennis courts	158,189	196,129	190,280
Misc.	-	2,530	4,205
<b>TOTAL</b>	<b>285,331</b>	<b>379,331</b>	<b>301,913</b>

**Public Works Department - Parks & Forestry Section**

**FORESTRY LABOR**

LABOR ACTIVITY	2021		2022		2023	
	\$	%	\$	% *	\$	% *
Pruning	262,381	32.45%	274,824	32.49%	274,491	31.65%
Storm Damage	4,904	0.61%	5,136	0.61%	5,130	0.59%
Resident Requests	16,299	2.02%	17,072	2.02%	17,052	1.97%
Tree Health Survey	7,865	0.97%	8,238	0.97%	8,228	0.95%
Tree Removal	192,602	23.82%	201,736	23.85%	201,491	23.24%
Stump Removal	67,278	8.32%	70,469	8.33%	70,383	8.12%
Planting	75,384	9.32%	78,959	9.33%	78,864	9.09%
Landscape Maintenance	87,728	10.85%	91,889	10.86%	91,777	10.58%
Mowing*	20,454	2.53%	20,454	2.42%	42,724	4.93%
Administration	70,394	8.71%	73,733	8.72%	73,643	8.49%
Non-Forestry Duties	3,226	0.40%	3,378	0.40%	3,374	0.39%
<b>TOTAL</b>	<b>808,516</b>	<b>100%</b>	<b>845,889</b>	<b>100%</b>	<b>867,158</b>	<b>100%</b>

**PARKS LABOR**

LABOR ACTIVITY	2021		2022		2023	
	\$	%	\$	% *	\$	% *
Rentals	109,770	37.35%	89,352	37.35%	122,313	37.35%
Curling	15,513	5.28%	12,627	5.28%	17,285	5.28%
Park Maint.	112,947	38.43%	91,937	38.43%	125,852	38.43%
Administration	55,661	18.94%	45,307	18.94%	62,021	18.94%
<b>TOTAL</b>	<b>293,891</b>	<b>100%</b>	<b>239,223</b>	<b>100%</b>	<b>327,472</b>	<b>100%</b>

\* Percentages are estimated

**Public Works Department - Traffic and Electrical Services Division**

**Street Lighting**

Service Performed	2021		2022		2023	
	Units	Hours	Units	Hours	Units	Hours
Service and repair street lights	6,061	4,052	6,061	4,251	5,993	4,627
Damaged street light poles (remove/replace)	23	289	26	304	17	334
Underground street light cable repairs	124	850	91	569	89	693
LED/HPS lamps/fixtures repaired	436	359	348	378	282	391
Substation maintenance Circuit reading, time clock maint.	54/634	486	54/634	647	53/634	688
Replace deteriorated light poles					9	119

**Traffic Control**

Service Performed	2021		2022		2023	
	Units	Hours	Units	Hours	Units	Hours
Service and repair traffic controlled intersection/flashers/RFB	54	853	54	636	54	1,065
Remove/Replace damaged traffic control devices	16	110	12	175	18	235
Install rapid flashing crosswalk beacons/radar signs	8	53	2	18	8	57

**Signs**

Service Performed	2021		2022		2023	
	Units	Hours	Units	Hours	Units	Hours
Signs straightened, repaired, graffiti removal	806	470	748	453	797	478
New signs installed (90 day trials, warning, informational)	329	139	550	170	661	218
Traffic signs replaced	806	309	895	334	522	222
Sign posts replaced (bent, knocked down, construction)	191	93	128	67	228	92
Signs made on Cutter Plotter (computerized sign equip.)	1,466	272	1,736	286	863	230
Misc. repairs (prep work, inventory, paperwork)	812	216	840	218	863	229
Banners installed	594	61	349	57	321	64
Special events barricades and signs	1,093	106	1,476	144	1,534	178
Neighborhood association signs	96	61	30	24	0	0
Greenways Bike route signs	0	0	132	35	244	89

**Other Services**

Service Performed	2021	2022	2023
	Hours	Hours	Hours
Hart Park maintenance/repairs	51	347	272
Police Department maintenance/repairs	12	95	90
Hart Park Cameras	365	0	0
Water Department maintenance/repairs	24	183	6
Public Works Building maintenance/repairs	235	200	104.5
Cable locates	25	31	14
Summer Help	0	493	460
City Hall maintenance/repairs	99.5	213	87
Fire Department maintenance/repairs	0	0	12

**Public Works Department - Traffic and Electrical Services Division**

**2023 Item Repair Totals**

<b>Item</b>	<b>Description</b>	<b>Total items</b>
001	Replace HPS Lamp	68
002	Replace Fuse, Starter, Cap, Arrestor, Photoeye, Shorting cap	133
003	Replace HPS Ballast or LED Driver or HPS fixture lens	29
004	Replace LED array	13
005	Replace HPS or LED fixture	33
006	Install/Replace pole & bracket cable, fixture arm	7
007	Install/Remove Overhead conductors	2
008	Straighten Leaning light pole	2
009	Pick up/Remove knocked down light pole	15
009A	Pick up/Remove knocked down light pole - Overtime	8
010	Install Concrete direct bury pole	10
010A	Replace deteriorated light pole	9
011	Install base mounted light pole	12
012	Substation maint: replace coil, oil switch, time clock	80
013	Circuit Resistance Readings - check locks, adjust TC	457
014	Locate/repair damaged/faulted cable under grass	70
015	Locate/repair damaged/faulted cable under sidewalk, driveway or roadway	19
016	Pole span cable replace	2
017	Inspect electrical: project, exposed wire, contractor repair, disconnect pole	102
018	Install, repair, replace pull-box	7
019	Bollard maint. repair/replace	6
020	Replace LED traffic lamp, visor, pedestrian button	59
021	Replace broken square signal base/T-base	5
022	Replace broken signal mounting bracket(s)	9
023	Install/replace broken signal assembly	10
024	Signal cabinet maint: replace equip., timing, check cameras, photoeye	79
025	Clean cameras, aim cameras, solar panel maint.	36
026	Replace camera, EVP receiver, confirmation lights	5
027	Traffic signal cable repair/replacement, loop detector replacement/install	12
028	RFB, Radar sign, Blinker sign, school flasher installation	8
029	RFB, radar sign, blinker sign, Kiosk, Bike rack maintenance/programming	24
030	Locate cables traffic, street lighting or other (bike racks, RFB's, Flashers)	10
031	Pick up knocked down traffic signal	14

Item	Description	Total items
031A	Pick up knocked down traffic signal - Overtime	4
032	Repair & Replace knocked down traffic signal standard	14
033	Repair & Replace knocked down traffic signal standard with mast arm	1
034	Misc. overtime electrical or standby services	0
035	Replace/reinstall handhole cover: Light pole, T-base, signal base	42
036	Align turned traffic signal, RFB, radar sign, flasher, sign, pole or post	9
037	Extend/install conduit under driveway	25
038	Repair/straighten anchor bolts or drill & install Hilti epoxy bolts in footing	2
039	Remove/replace concrete or asphalt. Lawn restoration	26
040	Maintain seasonal pole decoration circuits, GFCI outlets, fuses	240
041	Remove/Install new concrete footing	4
042	Shop or storage housekeeping, pole delivery or stocking materials	24
043	Training	13
	<b>Total Street Lighting and Traffic Signal Maintenance Repairs/Hours</b>	<b>1,759</b>

**Department of Public Works  
Operations Division  
Fleet Maintenance Section**

	<b>GAL. OF UNLEADED</b>			<b>DIESEL</b>			<b>SHOP JOBS</b>	
<b>Fuel Usage</b>	<b>2022</b>	<b>2023</b>		<b>2022</b>	<b>2023</b>		<b>2022</b>	<b>2023</b>
January	7326.27	7606.43		9510.98	9821.26		359	654
February	7140.80	7149.70		8565.24	9193.73		436	676
March	7571.59	8294.70		8352.63	9848.96		448	641
April	7048.80	7373.53		6553.70	7142.81		459	540
May	7893.29	8263.66		7525.43	7984.27		417	592
June	8564.83	8420.10		7866.54	8430.79		533	557
July	7843.45	8259.73		8050.00	8623.50		416	509
August	8117.64	8051.79		9746.52	8685.77		424	666
September	7764.82	7674.66		7621.98	7216.74		429	530
October	7480.70	8153.26		8024.26	8260.07		626	625
November	7003.68	7456.32		13688.07	10592.89		744	636
December	7329.04	6932.82		10767.95	9341.31		654	526
<b>TOTAL</b>	<b>91,084.91</b>	<b>93,636.70</b>		<b>106,273.30</b>	<b>105,142.10</b>		<b>5945</b>	<b>7152</b>

City Owned Equipment	Total Miles	2023	1,007,749
City Owned Special Equipment	Total Hours	2023	5914
Accidents: PD, DPW, City Hall	Total	2023	29
City Owned Equipment	Total Miles	2022	926,039
City Owned Special Equipment	Total Hours	2022	5,295



**Department of Public Works  
Operations Division  
Fleet Maintenance Section**

**2023 Fuel Purchases**

	Diesel				Unleaded		
	Gallons	\$ Per Gallon	Total Cost		Gallons	\$ Per gallon	Total Cost
January	7380	3.40881	25157.04		8501	2.62185	22288.34
January	7510	3.63460	27295.91				
February	7507	3.36585	25267.51		8501	2.66184	22628.38
March	7499	3.33999	25046.61		7502	2.73365	20507.85
April	7407	3.04634	22544.31		8501	3.12674	26580.50
May	7494	2.88904	21650.54		8500	3.12945	26600.33
June	7495	2.83245	21229.21		8503	3.20815	27278.90
July	7398	2.65395	19633.92		8500	2.97045	25248.83
July	7401	3.36394	24896.59				
August	7394	3.29035	24328.84		8501	3.31675	28195.69
September	7493	3.27835	24564.68		8519	2.94715	25106.77
October	7399	3.41075	25236.14		8503	2.69705	22933.02
November	7406	3.11440	23065.23		8505	2.42385	20614.86
December	7399	2.91443	21563.85				
<b>TOTAL</b>	<b>104,182</b>	<b>\$3.18 Avg/Gal</b>	<b>\$331,480.38</b>		<b>92,536</b>	<b>\$2.89 Avg/Gal</b>	<b>\$267,983.47</b>
<b>Total Fuel Cost: \$599,463.85</b>							
<b>Total Gallons: 196,718</b>							

**Department of Public Works  
Operations Division  
Fleet Maintenance Section**

**Yearly Mileage Report by Various Departments**

<b>Department</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Police</b>	657,951	601,785	595,205	549,364	558,764	<b>587,345</b>
<b>Streets</b>	187,712	209,269	212,368	219,570	207,150	<b>229,061</b>
<b>Parks</b>	15,623	19,348	19,203	21,355	14,396	<b>17,590</b>
<b>Forestry</b>	27,617	25,176	33,200	25,466	21,951	<b>26,478</b>
<b>Water</b>	72,147	72,014	78,915	75,175	60,682	<b>73,714</b>
<b>Electrical Maint</b>	22,544	23,049	24,291	24,266	28,534	<b>28,677</b>
<b>Inspectors</b>	18,697	18,839	12,981	8,070	9,156	<b>13,730</b>
<b>Engineering</b>	25,792	22,253	20,690	16,561	18,452	<b>21,227</b>
<b>All Others</b>	6,918	10,621	8,934	7,536	6,954	<b>9,927</b>
<b>TOTAL</b>	<b>1,035,001</b>	<b>1,002,354</b>	<b>1,005,787</b>	<b>947,323</b>	<b>926,039</b>	<b>1,007,749</b>

**Department of Public Works  
Operations Division  
Fleet Maintenance Section**

NEW EQUIPMENT PURCHASED IN 2023				
Qty.	Equipment Type	Department	Vehicle Number	Purchase Price
1	Squad Lightbars and Equipment, SRT Van and Children's Squad upfit parts.	Police		<b>\$80,000</b>
6	2023 Ford Explorer Police Utilities, Includes one Children's Hospital squad purchase.	Police	P-280, P-281, P-282, P-283, P-284, P-285	<b>\$253,476</b>
1	2023 Ford Transit SRT Van.	Police	P-286	<b>\$51,208</b>
1	2023 Harley Davidson FLHTP Police Motorbike. (Purchase balance after HD-5 Trade \$10,000.)	Police	HD-8	<b>\$17,818</b>
1	2023 Ford Escape SUV	City Hall	M-108	<b>\$29,574</b>
1	2023 Ford F150 4x4 Pick up	Streets	M-109	<b>\$38,568</b>
1	2023 Salt Dawg Salter insert for S-65	Streets	S-65A	<b>\$9,000</b>
1	2023 Freightliner SD108 Patrol Salter w/SS Dump, RH Wing plow. <b>Delivery in 2024</b>	Streets	T-125	<b>\$266,695</b>
1	2023 Ford F450 w/29' Versalift Aerial <b>Delivery in 2024</b>	Electrical/Sign Shop	L-23	<b>\$155,365</b>
2	2023 Ford F150's 4x4 Pick up's (\$40,950 each)	Water	W-48, W-49	<b>\$81,900</b>
			<b>TOTAL</b>	<b>\$983,604</b>

**Department of Public Works  
Operations Division  
Fleet Maintenance Section**

<b>EQUIPMENT SOLD IN 2023</b>	<b>DEPARTMENT</b>	<b>FLEET NO.</b>	<b>TRADE-IN / SALE AMOUNT</b>
2003 Dodge Neon	Streets	M-66	\$2,750.00
2015 Ford Taurus Interceptor AWD	Police	P-221	\$7,875.00
2016 Ford Explorer Interceptor AWD	Police	P-232	\$6,630.00
2017 Ford Explorer Interceptor AWD	Police	P-235	\$9,332.77
2017 Ford Explorer Police Interceptor	Police	P-238	\$6,500.00
2003 International 4300 w/65' Hi Ranger Aerial	Forestry	R-30	\$39,500.00
2013 Peterbilt 320 w/24 yard Labrie refuse body	Streets	T-103	\$61,500.00
2008 Ford F150 xcab 4x4 w/Plow	Water	W-18	\$6,176.00
2010 Ford E150 cargo Van	Water	W-21	\$1,605.00
2011 Ford E150 cargo Van	Water	W-22	\$5,574.99
Hustler 72" Mower w/Plow	Parks	Misc.	\$3,650.00
		<b>TOTAL</b>	<b>\$151,093.76</b>

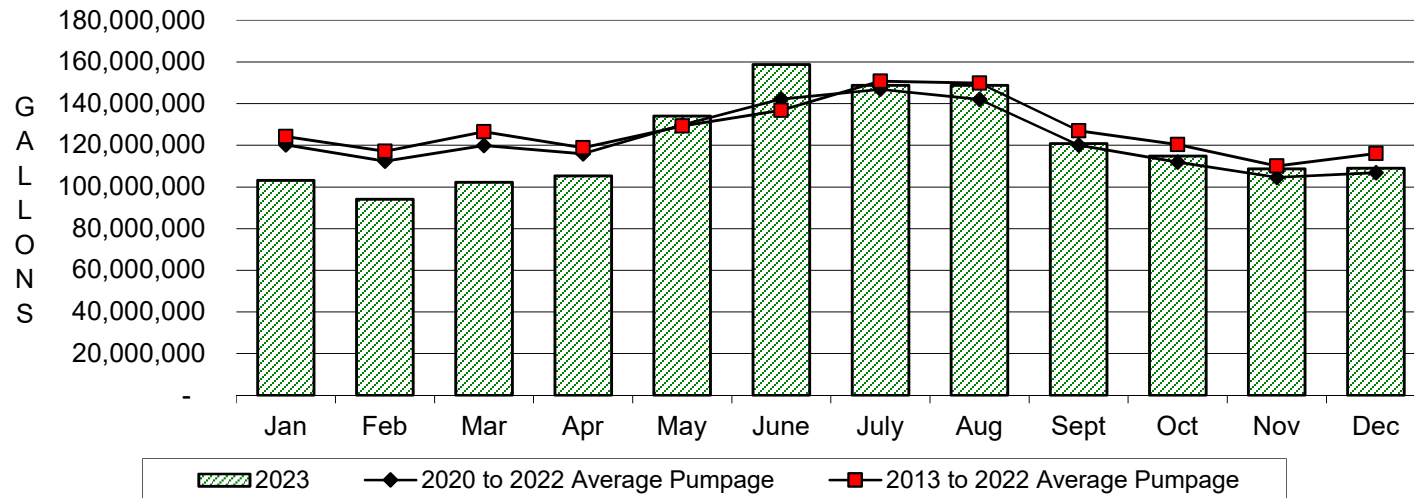
**\*Some 2023 surplus equipment will be sold in 2024 due to supply chain issues.**

**CITY OF WAUWATOSA  
WATER DEPARTMENT  
2023 ANNUAL REPORT**

<b><u>Description</u></b>	<b><u>Unit</u></b>	<b><u>2023</u></b>	<b><u>2022</u></b>	<b><u>2021</u></b>
Water Main - Total	Miles	207.04	207.65	204.05
Water Main - New	Feet	0	18,980	0
Water Main - Abandoned	Feet	8,522	0	0
Water Main - Replacement	Feet	5,332	8,871	1,657
Water Main - Pipelining	Feet	0	0	0
Water Main Breaks	Each	45	79	76
Water Services Repaired/Replaced	Each	61	50	51
Water Valves - Total	Each	6,132	6,117	5,590
Water Valves - Operated/Inspected	Each	1,150	1,232	1,228
Water Valves - Repaired	Each	29	15	20
Water Valves - Replaced	Each	9	5	9
Fire Hydrants - Total	Each	2,232	2,228	2,242
Fire Hydrants - Operated/Inspected/Flushed	Each	1,157	1,214	1,572
Fire Hydrants - Repaired	Each	27	57	34
Fire Hydrants - Replaced	Each	9	8	4
Tyler - Service calls completed	Each	1,275	1,621	1,668
CSS Citizen Requests/Tyler 311	Each	45	19	31
Eye on Water (Customer usage portal) signups	Each	1,503	1,311	663
Citizen Self-Service Active Registrations	Each	11,995	11,206	8,942
Active Taps	Each	15,526	15,531	15,525
Privately Owned - Lead Line	Each	9,057	9,162	9,151
Publicly Owned - Lead Line	Each	7,709	7,788	7,851
Water Meters	Each	15,527	15,530	15,532
Water Meters Tested	Each	248	333	80
Water Meters Repaired	Each	52	102	7
Water Samples - Bacterial	Each	662	632	600
Total Water Pumpage	MGY	1,449	1,397	1,475
Maximum Day	MGD	6.98	5.96	6.76
Average Day	MGD	3.78	3.83	4.04
Minimum Day	MGD	2.90	2.15	2.16

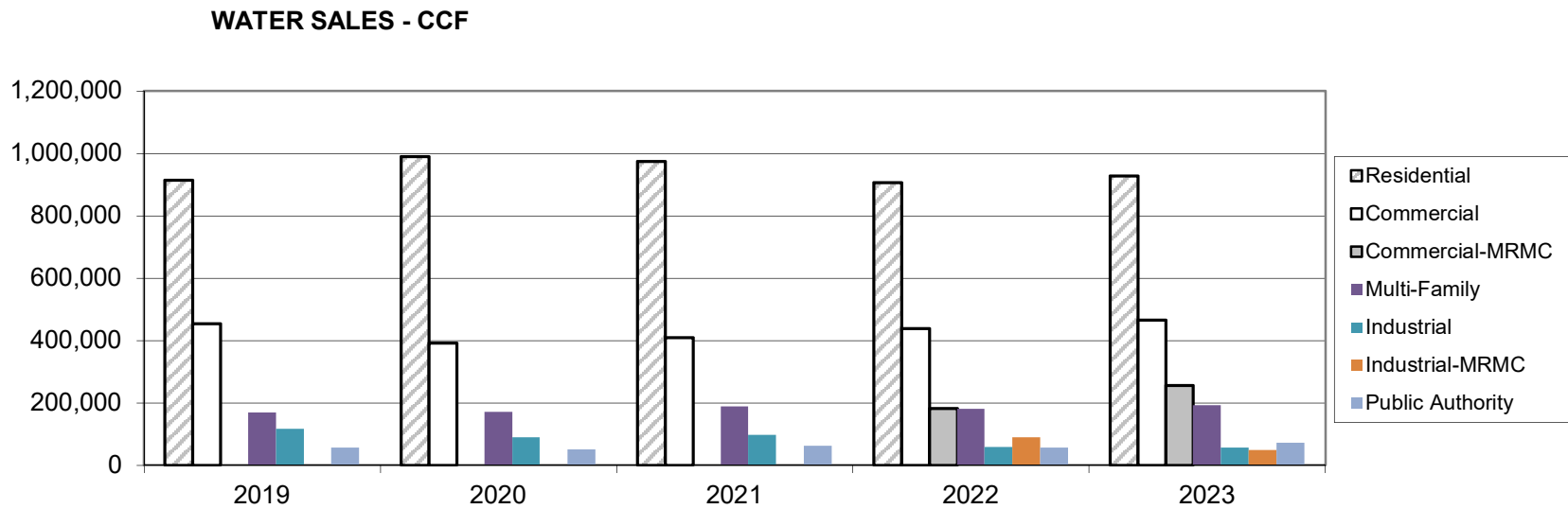
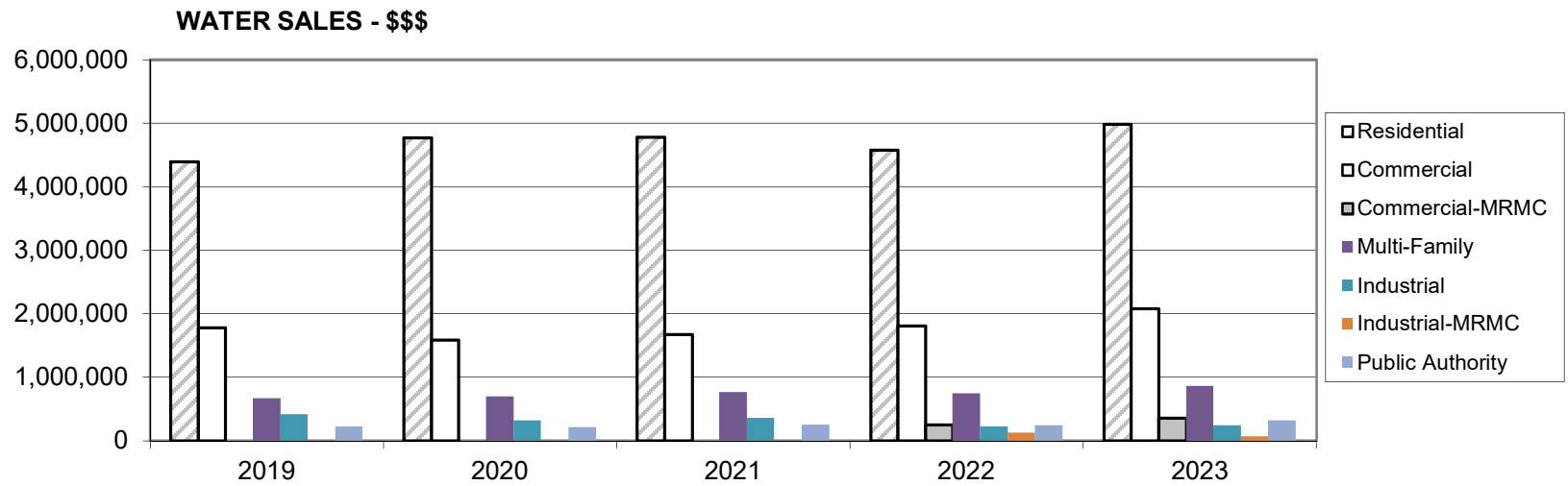
MGD - Million Gallons per Day  
MGY - Million Gallons per Year

### PUMPAGE - 2023 VS THREE & TEN YEAR AVERAGE



MONTHS		2023	2022	3 YEAR AVERAGE	10 YEAR AVERAGE
January	Jan	103,180,000	110,625,000	120,240,000	124,152,100
February	Feb	94,139,000	108,128,000	112,336,667	117,173,300
March	Mar	102,251,000	119,053,000	119,861,467	126,458,940
April	Apr	105,360,000	111,040,000	115,977,000	118,751,400
May	May	134,038,000	123,274,000	129,772,603	129,212,581
June	June	158,710,000	131,936,000	142,171,515	136,745,655
July	July	148,773,800	137,010,000	146,886,000	150,785,700
August	Aug	148,822,400	136,084,000	142,023,333	149,839,300
September	Sept	120,818,400	115,165,000	120,013,333	127,029,700
October	Oct	114,846,000	103,779,000	111,946,333	120,379,700
November	Nov	108,665,000	97,889,000	104,563,667	110,057,900
December	Dec	109,060,000	103,055,000	106,870,667	116,068,700
		<u>1,448,663,600</u>	<u>1,397,038,000</u>	<u>1,472,662,585</u>	<u>1,526,654,976</u>

\*\*July-Oct 2023 estimated due to SCADA failure\*\*



**ENGINEERING AND OPERATIONS DEPARTMENT - ENGINEERING SERVICES SECTION  
NEW, RECONSTRUCTED AND RESURFACED STREETS AND ALLEYS  
DRIVEWAYS, SIDEWALK AND SERVICE WALKS**

CONTRACT NUMBER	PROJECT DESCRIPTION (CONTRACTOR)			PAVING and SIDEWALK			DRIVEWAY, SIDEWALK and SERVICE WALK		
	STREET	FROM	TO	PVMT. TYPE	LENGTH (FT.)	ASSESSED	APPROACH (SQ. FT.)	SERV. WALK (SQ. FT.)	ASSESSED
23-07	<b>115th St Reconstruction</b>								
	N 115th St	W. Blue Mound Rd	Underwood Pkwy	D-Asph	2,380.0	\$138,559.42	0.0	0.00	\$0.00
DOT	<b>North Avenue Reconstruction</b>								
	W. North Ave	N Mayfair Rd	Met-To-Wee Ln	A-Asph	2,900.0	\$535,511.96	5,563.7	802.60	\$82,110.81
23-11	<b>2023 Alley Reconstruction</b>								
	Alley South of W. Burleigh	N. 122nd St	N. 124th St	Project Bid in 2023, to be completed in 2024					
	Alley North of W. North Ave	N. 73rd St	Lefebber Ave						
<b>TOTALS</b>					5,280.0	\$674,071.38	5563.7	802.6	\$82,110.81

ONE AND TWO FAMILY RESIDENTIAL ASSESSMENT PER BENEFITED FOOT 2023						
TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	NEW	SIDEWALK
\$66.00	\$52.80	\$26.40	\$33.00	\$13.20	\$92.40	\$20.00
\$76 Alley		\$30.40 Alley				
ADJ. MADE TO THE BASE RESI. RATE FOR OTHER USE TYPES.						

DESCRIPTION OF CONSTRUCTION TYPES:

TYPE A: COMP. REM. OF PVMT. AND C & G, REGRD., NEW CONC. C & G AND NEW PVMT. W/ CONC. OR ASPH. SURF.

TYPE B: COMP. REM. OF C & G, MILL EX. PVMT., INSTALL CONC. C & G AND ASPH. PVMT. ON EX. ROAD BASE.

TYPE C: REPLACING DEFECTIVE CURB, MILLING OF EX. SURF. AND RESURF. W/ NEW ASPH. PVMT.

TYPE D: REPLACING DEFECTIVE CURB, MILLING OF EX. SURF., PULVERIZING EX. PVMT. AND RESURF. W/ NEW ASPH. PVMT.

TYPE E: REPLACING MINIMAL DEFECTIVE CURB, MINOR MILLING, WITH ASPHALT OVERLAY

ALLEY ASSESSMENTS INCLUDE THE PAVED TRANSITION AREA BETWEEN THE ALLEY AND GARAGE

NOT ALL COSTS OF ABOVE PROJECTS ARE FINAL. SEE ENGINEERING DEPT. CORRESPONDENCE FILE FOR PLAN QUANTITIES AND FINAL PAYMENT.



**ENGINEERING AND OPERATIONS DEPARTMENT - ENGINEERING SERVICES SECTION  
SEALCOATING, SIDEWALK REPAIR AND CONCRETE STREET REPAIR**

CONTRACT NUMBER	PROJECT DESCRIPTION (CONTRACTOR) EFFECTED AREA	AREA SQ. YD.	5" WALK & RAMP SQ. FT.	7" WALK SQ. FT.	9" WALK SQ. FT.	7" APPR. SQ. FT.	CURB & GUT. LIN FT.	COST	ASSESSMENT
23-17	<b>CRACKFILLING (Thunder Road, LLC)</b> AREA BOUND BY: W. MILWAUKEE AVE TO W. NORTH AVE AND N. WAUWATOSA AVE TO MENOMONEE RIVER PKWY; and W. HAWTHORNE AVE TO W. HARWOOD AVE AND N. GLENVIEW AVE TO N. 88TH ST.  SEE CONTRACT FOR MAPS OF AREAS PO 22300201	165,906.0						\$319,156.25	--
23-18	<b>AGGREGATE SEALCOATING (Scott Construction)</b> AREA BOUND BY: W. STATE ST TO W. NORTH AVE AND N. 68TH ST TO N. WAUWATOSA AVE  SEE CONTRACT FOR MAPS OF AREAS COST INCLUDES STREET SWEEPING AND TRAFFIC CONTROL PO 22300141	58,690.0						\$164,332.00	--
23-19	<b>SIDEWALK REPAIR PROGRAM (Milwaukee General)</b> AREA BOUND BY: SOUTH CITY LIMITS TO W. NORTH AVE AND N. WAUWATOSA AVE TO N. MAYFAIR RD  DIVISION A DIVISION B  COST INCLUDES ALL OTHER MISCELLANEOUS ITEM EXPENSES		63,868.0 4,044.0	7,575.0			113.0 647.0	\$772,893.78 \$234,871.33	(Estimate) \$485,100.00
23-24	<b>PAVEMENT REPAIR &amp; SPOT IMPROVEMENTS (LaLonde)</b> CROSSWALK IMPROVEMENTS AT W. NORTH AVE AND MENOMONEE RIVER PKWY MID-BLOCK CROSSWALK ADDITION W. NORTH AVE BETWEEN N 86TH AND N PASADENA		1,270.0 282.0				251.0	\$119,341.45 \$31,433.58	- -

NOT ALL COSTS OF ABOVE PROJECTS ARE FINAL. SEE ENG. DEPT. CORRESPONDENCE FILE FOR FINAL PAYMENT INFORMATION. MANY ADDITIONAL ITEMS NOT INCLUDED IN THIS BREAKDOWN.

**ENGINEERING AND OPERATIONS DEPARTMENT - ENGINEERING SERVICES SECTION  
SANITARY SEWER RELAY, REPAIR, RELINING AND CLEANING**

CONTRACT NUMBER	CONTRACTOR			MAIN SIZE & LENGTH					MANHOLES			
	STREET	FROM	TO	RELAY	EXTEN.	REPAIR	RELINING	ABAN.	REB.	NEW	REM.	ABAN
23-07	<b>N. 115th Street Improvements</b>											
	N. 115th St.	W. Blue Mound Rd	Underwood Pkwy	-	-	-	-	-	1	0	0	0
22-05	<b>N. 103rd Street</b>											
	N. 103rd St	W. Beverly Pl	W. Wright St				8" 1,103.0		-	-	-	-
DOT	<b>North Avenue Reconstruction</b>											
	W. North Ave	N. Mayfair Rd	Met-To-Wee Ln	8" 680.0				8" 155.4	0	8	4	6
				12" 546.0				10" 676.0				
				15" 205.0				15" 529.0				
<b>TOTALS</b>				8" 680.0			8" 1,103.0	8" 155.4				
				12" 546.0				10" 676.0				
				15" 205.0				15" 529.0	1	8	4	6

NOT ALL COSTS OF ABOVE PROJECTS ARE FINAL. WORK IS ONGOING WHICH COULD HAVE CHANGE ORDERS OR EXTRAS. SEE ENG. DEPT. CORRESPONDENCE FILE FOR FINAL PAYMENT

**ENGINEERING AND OPERATIONS DEPARTMENT - ENGINEERING SERVICES SECTION  
STORM SEWER RELAY, REPAIR, RELINING, EXTENSION AND COLLECTOR**

CONTRACT NUMBER	PROJECT DESCRIPTION (CONTRACTOR)			MAIN / LEAD SIZE AND LENGTH						MANHOLES			CATCH BASINS		
	STREET	FROM	TO	RELAY	EXTEN.	REPAIR	COLC/UNDR	RELIN	CLEAN	REB.	NEW	REM.	REB.	NEW	REM.
22-05	<b>N. 103rd Street Storm Sewer relay</b>														
	N 103rd St	W. Beverly Pl.	W. Wright St.		6" 10.0					0	9	2	0	21	11
				12" 139.0	12' 236.4										
				16" 81.3											
				5'x6' 849.0											
				5'x7' 124.0											
				6'x7' 267.0											
DOT	<b>W. North Avenue Reconstruction</b>														
	W. North Ave	Met-To-Wee Ln	N. Mayfair Rd		6" 1,266.0					1	23	23	0	58	40
				12" 303.0	12" 672.0										
				15" 428.0	15" 564.0										
				18" 450.0	18" 38.0										
				21" 19.0											
				24" 308.0											
				36" 145.0											
				42" 303.0	42" 48.0										
				54" 400.0											
				66" 8.0	66" 270.0										
				72" 1,315.0											
				7'x6' 28.0											
23-07	<b>N. 115th Street Improvements</b>														
	N. 115th St	W. Blue Mound Rd	Underwood Pkwy	12" 137.3	12" 195.8					1	11	8		27	15
				15" 34.0											
				18" 27.7											
				21" 236.0											
				24" 374.0											
				30" 722.6											
				36" 21.6											
TOTALS					6" 10.0		6" 1,266.0								
				12" 579.3	12" 1,104.2										
				15" 462.0	15" 564.0										
				16" 81.3											
				18" 477.7	18" 38.0										
				21" 255.0											
				24" 682.0											
				30" 722.6											
				36" 166.6											
				42" 303.0	42" 48.0										
				54" 400.0											
				66" 8.0	66" 270.0										
				72" 1,315.0											
				5'x6' 849.0											
				5'x7' 124.0											
				7'x6' 295.0						2	43	33	0	106	66

NOT ALL COSTS OF ABOVE PROJECTS ARE FINAL. WORK IS ONGOING WHICH COULD HAVE CHANGE ORDERS OR EXTRAS. SEE ENG. DEPT. CORRESPONDENCE FILE FOR FINAL PAYMENT

**ENGINEERING AND OPERATIONS DEPARTMENT - ENGINEERING SERVICES SECTION  
WATERMAIN RELAYS AND DISCONNECTS**

CONTRACT NUMBER	PROJECT DESCRIPTION (CONTRACTOR)			MAIN SIZE AND LENGTH					HYDRANTS			SERVICES					
	STREET	FROM	TO	RELAY	ALTER.	MODIF.	EXTEN.	ABAN.	NEW	REM.	REPL.	DISC.	REPL.	RECON.	NEW		
22-05	N. 103rd Street Storm Sewer Relay																
	N. 103rd St	W. Wright St	W. North Ave						0	0	1	0	14	0	0		
DOT	North Avenue Reconstruction																
	W. North Ave	Met-To-Wee	N. Mayfair Rd	6"	16.5			6"	1250.0	3	2	16	0	32	0	1	
				8"	995.8			8"	456.0								
				12"	692.7			12"	2543.0								
				16"	128.8			16"	937.0								
				20"	334.8			20"	3336.0								
				24"	3162.4												
Watertown Plank Rd	Elm Grove Water Main Relay and Extension																
	Watertown Plank Rd	N. 118th St	Church St (Elm Grove)	6"	94.3			6"	267.0	16	0	8	0	10	1	0	
	N. 124th St; Meadow Dr (Elm Grove)			8"	586.2		8"	1201.6	8"	946.0							
				12"	102.4		12"	1605.9	12"	1690.0							
				16"	1958.8		16"	2788.0									
						24"	24		24"	24.0							
			TOTALS	6"	110.8			6"	1517.0								
				8"	1582.0			8"	1201.6	8"	1402.0						
				12"	795.1			12"	1605.9	12"	4233.0						
				16"	2087.6			16"	2788.0	16"	937.0						
				20"	334.8			20"	3336.0								
				24"	3162.4	24"	24.0		24"	24.0							
											19	2	25	0	56	1	1

MAIN LENGTH IS BASED ON PLAN QUANTITIES AND INCLUDES SIDE STREET RECONNECTIONS. LENGTH DOES NOT INCLUDE HYDRANT LEAD REPLACEMENT OR EXTENSIONS.

COST OF THE ABOVE PROJECTS CAN BE FOUND IN THE APPROPRIATE JOB CORRESPONDENCE FILE IN THE ENGINEERING DEPARTMENT.

**ENGINEERING AND OPERATIONS DEPARTMENT - ENGINEERING SERVICES SECTION  
MISCELLANEOUS PUBLIC WORKS PROJECTS**

PROJECT / DESCRIPTION		COST	PROJECT / DESCRIPTION		COST
22-60	<b>City Garage Floor Drain Reconstruction Project</b> Replacement and repairs to floor trench drains at City Garage Work Started in 2022	\$673,213.13	23-30	<b>Wauwatosa Bike Share III</b> Multiple locations across the City	\$64,337.30
22-78	<b>2022 Sanitary Sewer Improvements No.1</b> Underwood Parkway area Partial Reimbursement from MMSD pending (est. \$321,288.74) Work Started in 2022	\$760,464.03	23-78	<b>Lining and Grouting</b> Grantosa Area Work not complete in 2023	-
22-79	<b>2022 Sanitary Sewer Improvements No.2</b> Underwood Parkway area Partial Reimbursement from MMSD expected Work Started in 2022	\$716,333.25 (estimate)	23-90	<b>Fiber Phase 2</b> Multiple locations across the City Work not complete in 2023	-
23-22 PO 22200149	<b>Pavement Markings (Crowley Const.)</b> City Wide	\$131,512.92			
23-29	<b>Sewer Televising</b> Multiple locations across the City Work not complete in 2023	-			

NOT ALL COSTS OF ABOVE PROJECTS ARE FINAL. WORK IS ONGOING WHICH COULD HAVE CHANGE ORDERS OR EXTRAS. SEE ENGINEERING CORR. FILE FOR FINAL PAYMENT.

## BUILDING REGULATIONS PROGRAM

<b>PERMITS</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>5 YEAR AVERAGE</b>
<b>BUILDING</b>	811	755	875	887	745	815
RESIDENTIAL	656	635	738	724	610	673
COMMERCIAL	155	120	137	163	135	142
<b>MECHANICAL</b>	862	880	959	1028	847	915
<b>ELECTRICAL</b>	1696	1744	1811	1847	1556	1731
<b>PLUMBING</b>	997	986	983	987	981	987
<b>OCCUPANCY</b>	170	83	124	159	79	123
<b>MISC. PERMITS *</b>	377	373	304	272	76	280
<b>TOTAL</b>	<b>4913</b>	<b>4821</b>	<b>5056</b>	<b>5180</b>	<b>4284</b>	<b>4851</b>

\* Miscellaneous permits include Erosion Control, Early Start, Fence, Pool, Demolition, Temporary Occupancy, Wells, Chickens and Bees.

<b>INSPECTIONS</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>5 YEAR AVERAGE</b>
<b>BUILDING</b>	3694	3131	3283	3640	2332	3216
VIOLATIONS	691	465	582	361	250	470
<b>MECHANICAL</b>	566	595	661	877	863	712
VIOLATIONS	43	64	64	60	52	57
<b>ELECTRICAL</b>	2406	2163	2289	2791	2059	2342
VIOLATIONS	462	294	339	432	294	364
<b>PLUMBING</b>	1606	1578	1749	1858	1789	1716
VIOLATIONS	324	338	417	479	295	371
<b>OCCUPANCY</b>	566	421	502	791	804	617
VIOLATIONS	100	79	109	144	115	109
<b>TOTAL INSPECTIONS</b>	<b>8838</b>	<b>7888</b>	<b>8484</b>	<b>9957</b>	<b>7847</b>	<b>8603</b>

## PROPERTY MAINTENANCE PROGRAM

<b>SIGN - Permits</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>5 YEAR AVERAGE</b>
<b>INSPECTIONS</b>	67	27	2	2	8	58
VIOLATIONS	0	3	1	0	0	7
<b>PERMITS</b>	89	82	91	92	84	93
<b>SIGN APPEALS</b>	2	4	2	1	3	3

<b>PROPERTY COMPLAINTS</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>5 YEAR AVERAGE</b>
<b>CODE ENFORCEMENT CASES</b>	388	460	404	360	406	382
<b>INSPECTIONS</b>	823	1002	1016	716	610	772
VIOLATIONS	566	725	714	612	514	562
<b>CITATIONS</b>	0	4	7	5	2	8
<b>INSPECTION : COMPLAINT RATIO</b>	2.1	2.2	2.5	2.2	2.2	2

**DEVELOPMENT DEPARTMENT – PLANNING DIVISION**  
**2023 PLANNING ACTIVITIES**

2023 highlights include:

- Participated in Legistar implementation meetings and training sessions.
- Initiated the Comprehensive Plan rewrite. This is a multi-year project and the kick off meetings were held in late June. The goal is plan adoption during the winter of 2024 and subsequent zoning change recommendations in early 2025. The revision will incorporate applicable recommendations for previous adopted plans and the Zone Tosa for All document.
- Continued to refine EnerGov ERP configurations and train staff.
- Coordinated Development Department Board of Public Works applications.
- Continued communication with the GIS Manager for planning-related GIS functionality.
- Design and construction coordination with Department of Public Works renovation of playground at Hart Park.
- Coordination with Department of Public Works on the planning, design and grant applications for a new park on the west side.
- Successful application for Transportation Alternative Program funding for a multi-use trail along Wisconsin Avenue.
- Members of the Planning Division staff attended the following conferences/training: Congress for New Urbanism, American Planning Association, NACTO, and ASLA.
- Continued implementation of applicable recommendations from the Mid-Town Master Plan, Life Sciences District Master Plan, Active Tosa: Park and Open Space Plan, Housing Policy, Bicycle & Pedestrian Facilities Plan and Tosa Streets ordinance.
- Added panels to the historic property display wall in City Hall for the Zeddie Hyler House, the Blanchard Street Pumping Station, and the Hart Park Complex.
- Resumed the Preservation of Properties Awards. Awarded to GCA for preservation of the Underwood Log Home
- Sent a letter to all National Register listed and National Register eligible single structure property owners in the City regarding eligibility for historic tax credits.

**Development Department – Economic Development Division  
2023 Economic Development Activities**

- With the Wauwatosa Revolving Loan Fund Corporation (WRLFC) and Community Development Authority (CDA), we assisted eight small businesses through their traditional financial assistance to facilitate redevelopment and business expansions (revolving loans and forgivable loans.)
- Continued to promote all of Wauwatosa, including specific identified priority areas.
- Continued to promote CDA and WRLFC loans through the web, other partners, and one-on-one meetings and joint marketing materials.
- Continued to improve online economic development assistance information.
- Continued implementing the Wauwatosa Housing Policy through the Economic Development Investment Policy and available financial resources.
- Continued TIF negotiations to facilitate redevelopment projects and received Common Council approval of term sheets.
- Continued implementation of a TAP grant to expand Bublr on the MRMC campus in partnership with MRMC with two stations installed in 2023 and two more to be installed in spring, 2024.
- Completed the update to the City's 2016 Comprehensive Housing Study and Needs Analysis, with the 2023 study and recommendations presented to and accepted by the Common Council in February, 2023.
- Worked with two new local businesses to secure WEDC CDI grants to allow for the redevelopment of two long vacant, catalytic redevelopment sites on North Avenue in MidTown Tosa, Tosa Gas and Kitchen Design Studio.
- The CDA approved four sign, five code compliance and four façade forgivable loans in addition to one CDBG revolving loan. The CDA continued monitoring all forgivable loans to ensure compliance with program requirements and job creation efforts.
- Continue to manage the approval of Mandel's Harlow & Hem proposal for the Blanchard Street Parking Lot.
- Negotiated an accepted offer to purchase the property at 6330 W North Avenue for a local, small business redevelopment; closing anticipated by summer, 2024.
- Negotiated an accepted offer to purchase the property at 7746 Menomonee River Parkway for a 3-unit for-sale residential development; closing anticipated by summer, 2024.
- Continued to evaluate redevelopment proposals for the CDA owned former landfill parcel.
- Implemented the Small Business Building Improvement Program with ARPA funds approved by the Common Council. 26 number of businesses received funds for building projects.
- Purchased the former Boston Store property at Mayfair Mall to facilitate redevelopment efforts.
- Conducted a public hearing and approved resolution establishing proposed boundaries and approving the Project Plan for Tax Incremental District No. 15.