



CAPITAL IMPROVEMENTS PROGRAM 2017 to 2021

WAUWATOSA, WISCONSIN

FINAL
APPROVED BY
COMMON COUNCIL
FEBRUARY 21, 2017

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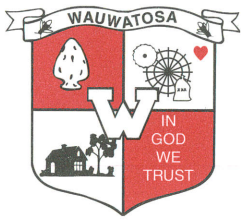
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JAMES M. ARCHAMBO
City Administrator

February 20, 2017

Mayor Kathy Ehley
City of Wauwatosa Common Council
City of Wauwatosa
Wauwatosa, Wisconsin

RE: City of Wauwatosa 2017-2021 Capital Improvements Program

Dear Mayor and Common Council Members:

I am pleased to transmit to you the City of Wauwatosa's 2017-2021 Capital Improvements Program (CIP).

2017 marks the sixth year for the expanded presentation of the CIP. Every attempt continues to be made to have each major project outlined in a separate project listing sheet that describes the project in a narrative format that details the project schedule, source of funding, and the type of infrastructure being affected by the project. Although the CIP booklet is a key planning document and management tool for elected officials and City staff, the comprehensive format aides the public in finding and understanding each project through the use of project narratives, maps, and charts.

The 2017-2021 CIP budget has been a challenging one given delays in the Wisconsin Department of Transportation's Zoo Interchange project, modifications in phasing and timing of the City's Village Improvement Project, limited resources, and competing demands (e.g. roads, equipment, storm, sanitary, buildings, etc.) However, despite those challenges, we arrived at a plan that attempts to mitigate deferred maintenance while staying within the Financial Resiliency Policy recommendations.

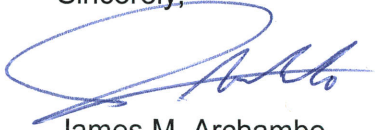
As in past years the City's annual recommended investment in infrastructure has been calculated and presented as the funding level required to maintain a State of Good Repair (SOGR). That analysis is presented in the first part of the CIP book. The 2017-2021 Capital Budget expenditures remain within the financial limits set by the five-year forecast for debt service and sewer rates.

While there are major streetscape elements in the Village Improvements taking place, as well as other nontraditional infrastructure projects such as green alleys, building the urban forest, the enhancement of public spaces, and bicycle and pedestrian infrastructure through the judicious use of capital dollars, it should not be lost in the discussion that a major part of the plan is still the renewal of deteriorated City infrastructure such as century old water lines, crumbling pavers, pot-holed pavement, and upgrading inadequate sewer systems. The proposed five-year paving program proposes repaving 12.21 miles of streets over that period and the process of inspecting, replacing/repairing/relining sanitary sewers to reduce the incidence of basement flooding continues.

In conclusion, the 2017-2021 CIP has been extensively revised to meet changing circumstances, yet it remains committed to reinvesting in the infrastructure that supports the quality of life for Wauwatosa residents.

I do wish to state that your thoughts and comments on the Capital Program are welcome. I also wish to thank staff from all departments who have worked so hard to make the 2017-2021 Capital Improvements Program as comprehensive and thorough as possible.

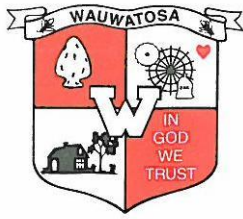
Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Archambo', with a large, sweeping flourish that loops back under the name.

James M. Archambo
City Administrator

Sheet	Project	Project #	2017	2018	2019	2020	2021	TOTAL
	1017	2017 Paving Program	5,557,301	-	-	-	-	5,557,301
	1018	2018 Paving Program	773,946	7,678,329	-	-	-	8,452,275
	1019	2019 Paving Program	-	1,085,592	10,868,332	-	-	11,953,925
	1020	2020 Paving Program	-	-	863,281	9,067,988	-	9,931,269
	1021	2021 Paving Program	-	-	-	686,699	7,083,429	7,770,129
	1022	2022 Paving Program	-	-	-	-	750,000	750,000
	1104	Bike/Pedestrian Plan Implementation	550,400	791,250	173,250	173,250	178,448	1,866,598
	1105	HWY 45/Center/Meinecke DOT Freeway and Bridge Replacement -	881,750	-	-	-	-	881,750
	1106	State Street Reconstruction and Streetscape Improvement Project - 68th	8,781,961	5,518,750	-	-	-	14,300,711
	1107	North Avenue Paving - Mayfair Road to Menomonee River Parkway	-	-	-	-	-	-
	1112	North Avenue Paving - Mayfair Road to 117th Street	-	38,800	717,800	1,854,000	-	2,610,600
	1113	Reconstruct Wauwatosa Ave (STH 181) from North Ave to Center St.	-	-	-	-	-	-
	1114	Swan Blvd Repaving and Roundabout Construction	-	324,775	2,724,350	-	-	3,049,125
	1617-1621	Pavement Repairs and Spot Improvements	225,600	280,900	286,200	291,500	296,800	1,381,000
	2017-2021	Sidewalk Improvement Program	650,000	656,500	663,000	669,500	676,000	3,315,000
	2217-2221	Bridge Spot Repair	115,500	57,750	59,483	61,267	63,105	357,104
	2301	Reconstruct North Avenue Bridges over the Menomonee River	950,000	-	20,000	2,884,000	-	3,854,000
	2402	City Communications links	173,250	173,250	173,250	173,250	154,500	847,500
	2617-2621	Signalized Intersection Improvements	-	-	200,000	400,000	-	600,000
	3005	Tosa East Utility Improvements and Flood Relief	320,000	2,893,000	3,555,000	4,026,500	4,986,500	15,781,000
	3006	City Hall South Sanitary Sewer Improvements	384,960	4,956,360	-	120,000	1,545,000	7,006,320
	3007	68th and Wisconsin Ave Sanitary Improvements	-	80,000	1,030,000	-	-	1,110,000
	3008	Underwood Creek South Sanitary Improvements	-	-	24,000	357,000	357,000	738,000
	3100	Sanitary Lining Independent of Paving	-	-	210,900	555,000	555,000	1,320,900
	3101	Burlleigh Corridor Sanitary Sewer Improvements	2,060,000	-	-	-	-	2,060,000
	3017-3021	Sanitary Sewer Spot Improvements	51,500	51,500	53,045	54,636	56,275	266,957
	4004	Hillside Lane Area Storm and Sanitary Improvements	60,000	772,500	-	-	-	832,500
	4017-4021	Storm Sewer Spot Improvements	111,000	111,000	114,330	117,760	121,293	575,383
	5002	Renovate Blanchard Pumping Station	-	45,000	-	-	-	45,000
	5003	Automatic Meter Reading	750,000	-	-	-	-	750,000
	5004	Replace Potter Rd. Generator	180,000	-	-	-	-	180,000
	5010	Trenchless Water Main Rehabilitation	-	-	1,332,000	1,332,000	1,443,000	4,107,000
	5017	2017 Water Main Replacements	300,000	-	-	-	-	300,000
	5100	Paint Potter Road Reservoir	-	-	-	650,000	-	650,000
	5101	Install Blanchard Pumping Station Generator	220,000	-	-	-	-	220,000
	5102	64th Street Pumping Station Generator	-	200,000	-	-	-	200,000
	5103	Potter Road and N 64th Street Motor Control Center	120,000	1,350,000	-	-	-	1,470,000
	5104	Electrical Panel Upgrades	-	80,000	-	-	-	80,000
	5105	Supervisory Control and Data Acquisition Upgrade	-	175,000	-	-	-	175,000
	6203	Public Works Building Floor System Rehabilitation	6,000	70,000	-	-	-	76,000
	6213	Remodel Public Works Building	-	300,000	-	-	-	300,000
	6215	Truck Scale Rebuilding/Replacement	-	-	20,000	-	-	20,000
	6216	Transfer Station/Demo of Incinerator	-	-	-	-	-	-

Sheet	Project	Project #	2017	2018	2019	2020	2021	TOTAL
	6404 Boiler Replacement- Police Station	6404	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
	6406 Repaving Police Complex Parking Lot	6406	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000
	6607 Replace Emergency Radios	6607	\$ -	\$ 99,855	\$ -	\$ -	\$ -	\$ 99,855
	6609 Generator Replacement	6609	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
	6610 Fire Station # 2 Roof	6610	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000
	6611 Replace Fire Station # 3 Overhead Doors	6611	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
	6612 Update & Renovate Fire Station # 53 Kitchen	6612	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
	6613 Fire Station # 52 HVAC	6613	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	6614 Fire Training Center Repair/Upgrade	6614	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000
	6617 Turnout Gear Replacement	6617	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
	6618 Fire Safety House Replacement	6618	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
	6619 Ambulance Cot Replacement	6619	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ 64,000
	6620 Emergency Dispatch Consoles	6620	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	6650-6659 Ambulance Replacement	6657	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 260,000
	6660-6669 Command Vehicle Replacement	6667	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000
	6670-6679 Fire Engine/Ladder Truck Replacement	6677	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
	6680-6689 Replacement Staff Automobile	6687	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ 220,000
	6690-6699 Utility Vehicle Replacement	6697	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
	7001 TIF - Innovation Campus	7001	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500
	7003 Burlleigh Street Public Improvements	7003	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
	8004 Replace Failed Pervious Concrete Sidewalk	8004	\$ 82,400	\$ -	\$ -	\$ -	\$ -	\$ 82,400
	8008 Replace Playground Equipment and Rubberized Play Surface at Webster	8008	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	8009 Replace Chain Link Fence on South Side of Hart Park Lane	8009	\$ -	\$ 47,250	\$ -	\$ -	\$ -	\$ 47,250
	8011 Replace Hart Park Water Heater	8011	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	8014 Replace Field Turf at Hart Park Stadium	8014	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000
	8016 Resurface 8 Tennis Courts at Hart Park	8016	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
	8017 Hart Park Improvements - Entrance signs	8017	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000
	8018 Hart Park Improvements - Electronic sign	8018	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
	8019 Bike paths at the east end of Hart Park	8019	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
	9001 East Tosa Improvements - North Ave Plan	9001	\$ 550,000	\$ 550,000	\$ 550,000	\$ -	\$ -	\$ 1,650,000
	9003 Replace Financial, Human Resources & Utility Billing Systems	9003	\$ -	\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

STATE OF GOOD REPAIR VS. CIP INVESTMENT ANALYSIS

Overview: In 2011, staff from the Engineering Division compiled a spreadsheet that estimated the City of Wauwatosa's annual capital investment required to maintain each element of the City's infrastructure. This level of investment is called the State of Good Repair analysis (SOGR). For 2017 that spreadsheet has been updated based on revised unit costs. A copy of that spreadsheet follows this narrative.

The Federal Department of Transportation defines a State of Good Repair as follows:

“A condition in which the existing physical assets, both individually and as a system, are functioning as designed within their useful lives, and are sustained through regular maintenance and replacement programs. A State of Good Repair represents just one element of a comprehensive capital investment program that also addresses system capacity and performance.”

The methodology used in the following spreadsheet has its limitations. It does not account for any deferred maintenance. It assumes that each infrastructure element has been maintained at a consistent and adequate level throughout its length of service. It also does not account for uneven installation levels. The fact is that Wauwatosa, like many suburban communities, has experienced many peaks and valleys in development. For example during the post World War II period, development proceeded at a furious pace whereas during the early 1980's development was slowed by a deep recession. Those water and sewer mains installed in the 1950's and 1960's are well past the mid-point of their useful life.

Lastly this level of analysis does not account for service level increases. For example, replacing a 54" storm sewer with one twice its size as was the case with the Meinecke project will greatly improve the level of service for affected residents but the added cost is not covered as part of the SOGR analysis.

Having said all that, staff does believe that the SOGR as shown represents a valuable bench mark against which the level of annual capital investment by category can be measured. This type of analysis is common and to take it to the next level, which is part of asset management will require a significant investment in time and effort on the part of staff.

Narrative: The following tables compare the total annual investment in each element of infrastructure, grouped by project type (i.e. sanitary, storm, water, etc.) as shown in the Capital Improvement Program (CIP), against recommended levels of investment in the State of Good Repair analysis. If the projected CIP levels are higher than the recommended SOGR levels, then the variance is positive. If the CIP levels are lower, then the number is shown as being negative. It should be noted that since project costs are increased to reflect construction escalation in future years, the SOGR costs are also increased each year in order to make valid comparisons.

In the last chart aggregate costs for both the five years of the CIP and the SOGR are shown. Variances for each element of the infrastructure are highlighted and then summed to represent a total infrastructure comparison of CIP vs. SOGR. The projected 2017-2021 CIP contains a spending plan that is 102% of the recommended spending levels of the SOGR analysis. This ranges from a low of 34% in the Structures & Equipment category to 139% in the Water category.

**STATE OF GOOD REPAIR ANALYSIS
ANNUAL AVERAGE CAPITAL INVESTMENT TO REPLACE AS IS -
NO INCREASE IN LEVEL OF SERVICE**

ASSUMES AGE OF INFRASTRUCTURE IS UNIFORMLY LINEAR

draft - work in progress

Estimated Quantities and Values as of January 2017

rev. January 13, 2017

1.02

Replacement

UTILITIES

Sanitary

	Estimated Quantity	Unit	Unit Cost	Item Cost	Interval (years)	Annual Cost
sewers (doesn't include laterals)	153	miles	\$944,136	\$144,452,737	72	\$2,006,288
mid-life rehab	153	miles	\$378,215	\$57,866,823	72	\$803,706
manholes	4,125	each	\$7,004	\$28,891,388	72	\$401,269
mid-life rehab	4,125	each	\$3,608	\$14,883,442	72	\$206,714
quarter life rehab	4,125	each	\$2,971	\$12,256,952	36	\$340,471
pump stations	7	each	\$1,273,450	\$8,914,147	40	\$222,854
control panel replacement	7	each	\$143,263	\$1,002,842	40	\$25,071
mid-life pump replacement	14	each	\$10,612	\$148,569	40	\$3,714
8% engineering						\$320,807
Sanitary subtotal						\$4,330,894

Storm

sewers	139	miles	\$1,021,179	\$141,943,914	72	\$1,971,443
mid-life rehab	139	miles	\$358,603	\$49,845,874	72	\$692,304
manholes	3,505	each	\$4,245	\$14,878,136	72	\$206,641
mid-life rehab	3,505	each	\$2,122	\$7,439,068	72	\$103,320
inlets/catch basins	6,950	each	\$3,396	\$23,601,266	72	\$327,795
mid-life rehab	6,950	each	\$1,698	\$11,800,633	72	\$163,898
8% engineering						\$277,232
Storm subtotal						\$3,742,633

Water

water pumping stations	4	total	varies	\$3,978,790	100	\$39,788
electrical pumping equipment	14	total	varies	\$1,713,600	35	\$48,960
generators	2	total	varies	\$400,000	30	\$13,333
water storage reservoirs	6	total	varies	\$13,584,665	100	\$135,847
water mains and appurtenances	1,070,228	total	varies	\$305,657,117	100	\$3,056,571
8% engineering						\$263,560
Water subtotal						\$3,558,059

utilities subtotal \$11,631,587

TRANSPORTATION

Streets

reconstruct type "A"	80	miles	\$1,185,400	\$94,239,300	72	\$1,308,879
repave type "B"	80	miles	\$948,300	\$75,389,850	72	\$1,047,081
resurface type "C"	160	miles	\$474,100	\$75,666,360	72	\$1,050,922
annual spot repairs	1	each	\$200,000	\$200,000	1	\$200,000
streetscaping	1	lump sum	\$500,000	\$500,000	20	\$25,000
UWM site infrastructure	1	lump sum	\$10,000,000	\$10,000,000	40	\$250,000
North Avenue Plan improvements	1	lump sum	\$6,106,981	\$6,106,981	25	\$244,279
Village Plan improvements	1	lump sum	\$14,173,580	\$14,173,580	25	\$566,943
12.5% engineering						\$586,638

Alleys

reconstruct	11	miles	\$884,400	\$9,728,400	77	\$126,343
resurface	11	miles	\$442,200	\$4,864,200	77	\$63,171
12.5% engineering						\$23,689

Walks and Drives

drive approaches	15,500	each	\$1,200	\$18,600,000	50	\$372,000
sidewalks	5,111,600	square feet	\$8.00	\$40,892,800	50	\$817,856
engineering						\$204,960

Off-street Parking Lots

reconstruct	1,472	stalls	\$4,100	\$6,035,200	50	\$120,704
mid-life resurface	1,472	stalls	\$1,750	\$2,576,000	50	\$51,520
12.5% engineering						\$21,528

Bridges

reconstruct	123,410	square feet	\$233	\$28,800,932	80	\$360,012
Village pedestrian bridge	1	each	\$100,123	\$100,123	40	\$2,503
rehab/repaint Harmoniee Bridge	1	each	\$1,500,000	\$1,500,000	33	\$45,455
annual rehab	1	each	\$75,000	\$75,000	1	\$75,000
12.5% engineering						\$60,371

Street Lighting

wire	1,140,144	feet	\$16	\$18,242,304	40	\$456,058
street light units - complete	5,690	each	\$3,500	\$19,915,000	50	\$398,300
alley lights	178	each	\$300	\$53,400	15	\$3,560
wall packs	38	each	\$300	\$11,400	15	\$760
distribution cabinets	52	each	\$30,000	\$1,560,000	30	\$52,000
12.5% engineering						\$113,835

Traffic Control

signalized intersections	1	lump sum	\$5,372,901	\$5,372,901	30	\$179,097
flashing signals	1	lump sum	\$588,002	\$588,002	20	\$29,400
traffic signs and posts	11,000	each	\$165	\$1,815,000	20	\$90,750
12.5% engineering						\$37,406

transportation subtotal \$8,986,019

subtotal utilities and transportation \$20,617,606

STRUCTURES, PROPERTY IN THE OPEN, MISC.								
Civic Center	Structure	1	lump sum	\$31,023,993	\$31,023,993	80	\$387,800	
	mid-life chiller replacement	1	lump sum	\$350,000	\$350,000	80	\$4,375	
	communication tower	1	each	\$95,009	\$95,009	40	\$2,375	
	emergency generator	1	each	\$108,431	\$108,431	20	\$5,422	
	voting equipment	1	lump sum	\$156,300	\$156,300	15	\$10,420	
	12.5% arch/engineering						\$51,299	
Existing Hart Park	Hart Park Press Box	1	each	\$87,865	\$87,865	40	\$2,197	
	all other structures	1	lump sum	\$6,679,213	\$6,679,213	80	\$83,490	
	Rotary performance pavilion	1	each	\$560,451	\$560,451	60	\$9,341	
	Bleachers	1	lump sum	\$1,062,380	\$1,062,380	60	\$17,706	
	Synthetic turf field	1	each	\$452,890	\$452,890	10	\$45,289	
	Track	1	each	\$641,480	\$641,480	15	\$42,765	
	Tennis courts	1	lump sum	\$404,021	\$404,021	20	\$20,201	
	Lighting and fencing	1	lump sum	\$333,644	\$333,644	40	\$8,341	
	Aluminum sculpture	1	each	\$75,447	\$75,447	40	\$1,886	
	Little Red Store	1	each	\$53,716	\$53,716	40	\$1,343	
	12.5% arch/engineering						\$29,070	
Expanded Hart Park	Play structure	1	lump sum	\$754,858	\$754,858	20	\$37,743	
	Restroom / Picnic Shelter	1	lump sum	\$825,000	\$825,000	40	\$20,625	
	12.5% arch/engineering						\$7,296	
Webster Park	Storage Building	1	each	\$13,868	\$13,868	40	\$347	
	Play Equipment	1	each	\$123,681	\$123,681	20	\$6,184	
	Rubberized play surface	1	each	\$55,000	\$55,000	15	\$3,667	
	12.5% arch/engineering						\$1,275	
								Subtotal for all Parks
								\$338,765
Public Works	PW Bldg	1	each	\$9,995,215	\$9,995,215	30	\$333,174	
	Incinerator Plant	1	lump sum	\$654,967	\$654,967	80	\$8,187	
	Chipper Building	1	each	\$7,449	\$7,449	30	\$248	
	Salt Shed	1	each	\$178,789	\$178,789	30	\$5,960	
	Salt Dome	1	each	\$547,391	\$547,391	30	\$18,246	
	PW Mid-life roof replacement	1	each	\$700,000	\$700,000	80	\$8,750	
	Fueling system complete	1	lump sum	\$253,686	\$253,686	20	\$12,684	
	Underground fuel tanks	1	lump sum	\$92,242	\$92,242	20	\$4,612	
	Truck Scale	1	each	\$51,448	\$51,448	15	\$3,430	
	12.5% arch/engineering						\$49,411	
Police Department	Station	1	each	\$7,626,150	\$7,626,150	80	\$95,327	
	Emergency generator	1	each	\$100,000	\$100,000	20	\$5,000	
	Evidence storage building	1	each	\$120,641	\$120,641	40	\$3,016	
	Vehicle cold storage building	1	each	\$72,846	\$72,846	40	\$1,821	
	Rifle range building	1	each	\$60,479	\$60,479	40	\$1,512	
	911 system	1	each	\$104,667	\$104,667	20	\$5,233	
	Communication system	1	each	\$549,495	\$549,495	20	\$27,475	
	Communication tower	2	each	\$46,629	\$93,258	20	\$4,663	
	12.5% arch/engineering						\$18,006	
Fire Department	Station 1	1	each	\$9,547,384	\$9,547,384	80	\$119,342	
	Station 2	1	each	\$1,758,928	\$1,758,928	80	\$21,987	
	Station 3	1	each	\$2,910,321	\$2,910,321	80	\$36,379	
	Station 54 (trailer)	1	each	\$146,951	\$146,951	20	\$7,348	
	Station 2 generator	1	each	\$44,785	\$44,785	20	\$2,239	
	Station 3 generator	1	each	\$30,000	\$30,000	20	\$1,500	
	training tower	1	each	\$547,459	\$547,459	50	\$10,949	
	storage building at PW yard	1	each	\$145,000	\$145,000	40	\$3,625	
	12.5% arch/engineering						\$25,421	
	Maintenance Vehicle	1	each	\$50,000	\$50,000	10	\$5,000	
	Command Vehicle	2	each	\$50,000	\$100,000	10	\$10,000	
	Ambulance	3	each	\$225,000	\$675,000	10	\$67,500	
	Pumper w' Rescue body	3	each	\$750,000	\$2,250,000	15	\$150,000	
	Quints	2	each	\$650,000	\$1,300,000	14	\$92,857	
	Aerial Ladder	1	each	\$900,000	\$900,000	18	\$50,000	
	Radio system	1	each	\$375,000	\$375,000	11	\$34,091	
	SCBA system	1	each	\$500,000	\$500,000	11	\$45,455	
								subtotal structures, property in the open, & misc.
								\$2,090,905
								TOTAL ANNUAL CAPITAL PROJECTS INVESTMENT
								\$22,708,510

STATE OF GOOD REPAIR ANALYSIS

2017 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 8,986,019	\$ 13,761,401	\$ 4,775,382
Sanitary Sewer	\$ 4,330,894	\$ 4,102,910	\$ (227,984)
Storm Sewer	\$ 3,742,633	\$ 2,211,624	\$ (1,531,009)
Water	\$ 3,558,059	\$ 3,691,233	\$ 133,174
Structures & Equipment	\$ 1,752,140	\$ 912,000	\$ (840,140)
Parks	\$ 338,765	\$ 282,400	\$ (56,365)
Subtotal	\$ 22,708,510	\$ 24,961,568	\$ 2,253,058

2018 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 9,255,600	\$ 12,929,553	\$ 3,673,953
Sanitary Sewer	\$ 4,460,821	\$ 3,583,914	\$ (876,907)
Storm Sewer	\$ 3,854,912	\$ 5,084,444	\$ 1,229,532
Water	\$ 3,664,801	\$ 6,272,346	\$ 2,607,545
Structures & Equipment	\$ 1,804,704	\$ 1,260,855	\$ (543,849)
Parks	\$ 348,928	\$ 80,000	\$ (268,928)
Subtotal	\$ 23,389,765	\$ 29,211,111	\$ 5,821,346

2019 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 9,533,268	\$ 10,945,507	\$ 1,412,240
Sanitary Sewer	\$ 4,594,645	\$ 5,210,102	\$ 615,457
Storm Sewer	\$ 3,970,559	\$ 2,904,031	\$ (1,066,528)
Water	\$ 3,774,745	\$ 4,725,080	\$ 950,335
Structures & Equipment	\$ 1,858,845	\$ 866,000	\$ (992,845)
Parks	\$ 359,396	\$ 605,000	\$ 245,604
Subtotal	\$ 24,091,458	\$ 25,255,721	\$ 1,164,262

2020 ANALYSIS

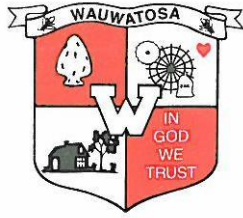
Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 9,819,266	\$ 10,734,912	\$ 915,646
Sanitary Sewer	\$ 4,732,485	\$ 3,427,470	\$ (1,305,015)
Storm Sewer	\$ 4,089,676	\$ 3,180,251	\$ (909,425)
Water	\$ 3,887,987	\$ 6,131,718	\$ 2,243,730
Structures & Equipment	\$ 1,914,611	\$ 56,000	\$ (1,858,611)
Parks	\$ 370,178	\$ 1,050,000	\$ 679,822
Subtotal	\$ 24,814,202	\$ 24,580,350	\$ (233,852)

2021 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 10,113,844	\$ 5,093,872	\$ (5,019,971)
Sanitary Sewer	\$ 4,874,459	\$ 4,880,007	\$ 5,548
Storm Sewer	\$ 4,212,366	\$ 2,993,196	\$ (1,219,171)
Water	\$ 4,004,627	\$ 5,449,275	\$ 1,444,648
Structures & Equipment	\$ 1,972,049	\$ 100,000	\$ (1,872,049)
Parks	\$ 381,283	\$ -	\$ (381,283)
Subtotal	\$ 25,558,628	\$ 18,516,350	\$ (7,042,278)

2017-2021 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 47,707,995	\$ 53,465,244	\$ 5,757,249
Sanitary Sewer	\$ 22,993,304	\$ 21,204,403	\$ (1,788,902)
Storm Sewer	\$ 19,870,147	\$ 16,373,546	\$ (3,496,601)
Water	\$ 18,890,218	\$ 26,269,652	\$ 7,379,433
Structures & Equipment	\$ 9,302,349	\$ 3,194,855	\$ (6,107,494)
Parks	\$ 1,798,549	\$ 2,017,400	\$ 218,851
Subtotal	\$ 120,562,564	\$ 122,525,100	\$ 1,962,536



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

STREET IMPROVEMENTS

There are three agencies that are responsible for street projects within Wauwatosa. They are the Wisconsin DOT, Milwaukee County, and, of course, the City. Necessarily there is a great deal of cooperation with these agencies in scheduling repairs.

Narrative: Each year, a team of City Engineers and Public Works personnel drive the entire roadway network. Pavement condition is assessed based on several factors. They include ride quality, surface condition, age, and curb ratings. A ratings system from 0-35 points is assigned to each street or in some case individual blocks. This rating forms the basis of the City's five year street repaving program. Based on the ranking, streets are prioritized for repairs. Other factors are resident input, the condition of utilities, and potential developments in the area.

In Wauwatosa, street improvements are divided into five categories depending on the scope of the project.

Type A: Under this category the street is totally rebuilt by removing the existing curb and pavement, replacing the road base with new stone, and installing a new asphalt or concrete roadway.

Type B: This level of work involves completely removing the existing curb and gutter, milling the existing asphalt pavement as required, replacing the curb and gutter, and laying new asphalt on top of the existing road base.

Type C: A level C improvement will merely replace defective sections of curb and gutter (not exceeding 25% of the total existing street segment involved), milling the existing pavement surface as required, and then resurfacing the street segment with new asphalt or recycled pavement.

Type D: A level D pavement improvement project is similar to a type C improvement except that in a type D project, the entire existing asphalt pavement is either replaced or it is pulverized, reshaped, compacted, and a new asphalt surface placed on the existing base material.

Type E: A level E improvement consists of minimal defective curb and gutter repair, minor asphalt milling of the asphalt surface and overlaying with new asphalt surface.

The goal of the street improvement program for the City is to resurface or reconstruct 4 miles of City streets annually. Based on an inventory of approximately 159 center line miles of pavement, this translates to a forty year cycle of renewal.

The 2017-2021 paving program does not meet the goal of repaving four miles of City Streets annually. The paving program was scaled back to meet budget targets. The focus of the proposed paving program is mostly on arterial roadways. These roadways are typically more costly to repave than residential streets. Therefore with the same budget we pave fewer miles of streets. In addition to the added cost of arterial roadway repaving, we are expending funds for the Village Improvements. The following table depicts how many centerline miles of paving is planned during 2017-2021.

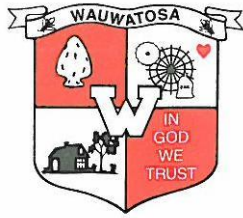
Year	Miles Proposed (Local Miles)	Target Goal
2017	2.88 miles	4.00 miles
2018	3.16	4.00
2019	2.27	4.00
2020	3.04	4.00
2020	0.87	4.00
Totals	12.21 miles	20.00 miles

The total miles of City street paving above does not include the repaving of 1.58 miles of city streets that are considered State Highways. State highways on local streets are not counted in our 159 mile inventory of “city” streets.

Green alleys continue to be a part of our paving program. We have applied for additional funding through MMSD and the DOT to help support the green alley program. These alleys are designed to have storm water pitch to the center of the alley where a series of permeable pavers filter the stormwater before it either soaks back into the soil or drains slowly back into the storm sewer system.

Following is a chart that depicts the condition rating for Wauwatosa streets. The recent increases in ratings are due in part by work done on City streets by DOT, and the paving program.

CONDITION RATING FOR WAUWATOSA STREETS	
YEAR	RATING
1994	28.5
1995	28.4
1996	28.4
1997	28.5
1998	28.4
1999	28.2
2000	28.5
2001	28.1
2002	28.1
2003	27.9
2004	27.7
2005	27.7
2006	27.5
2007	27.1
2008	26.8
2009	26.6
2010	26.5
2011	26.3
2012	26.1
2013	26.0
2014	N/A
2015	26.28
2016	26.34



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRANSPORTATION: SEALCOATING

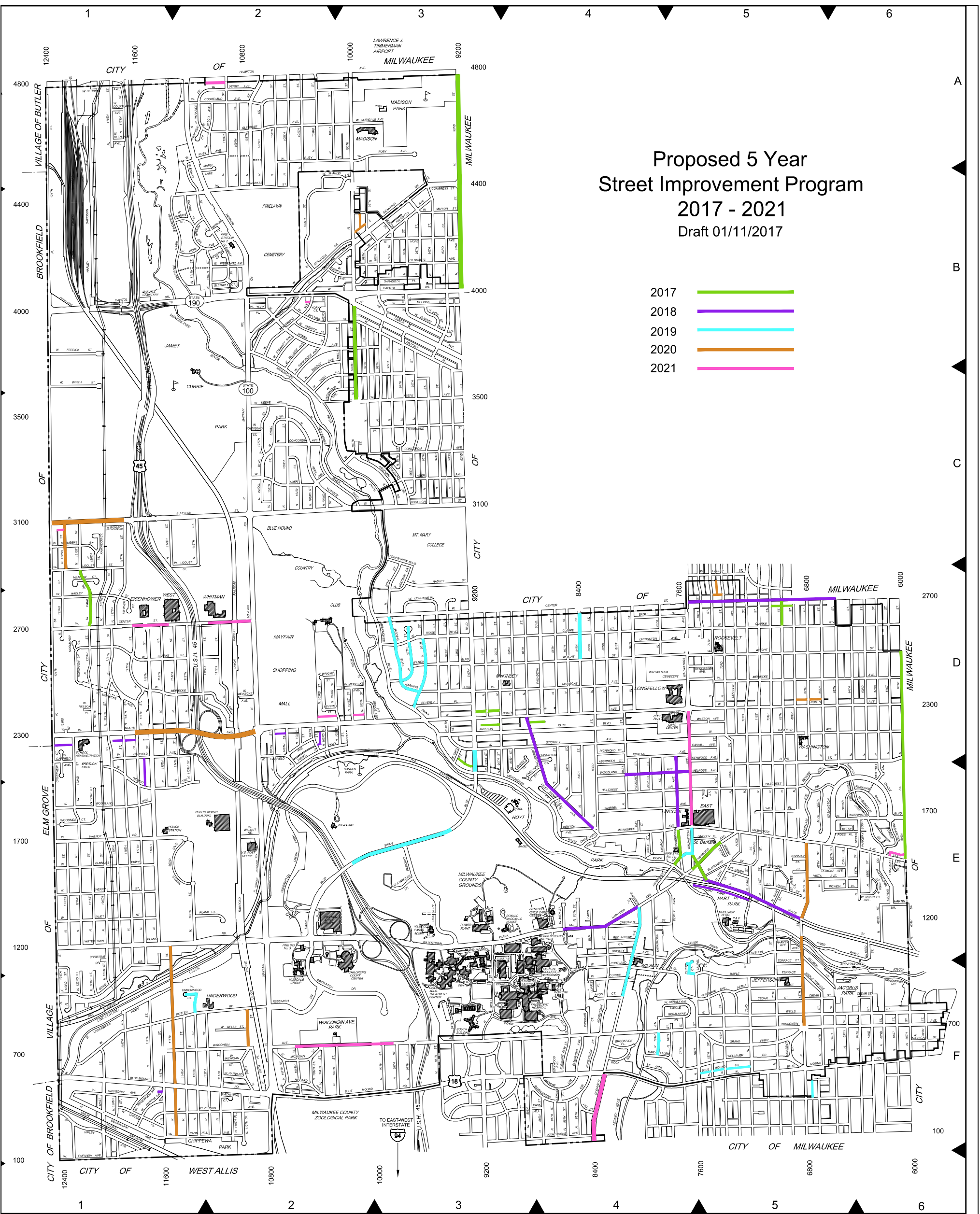
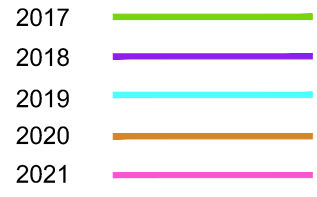
Overview: The City of Wauwatosa strives to sealcoat asphalt streets on a 9 to 10 year cycle.

Narrative: Sealcoating asphalt streets is a cost-effective preventive maintenance procedure to extend the life of our asphalt streets. We are currently looking at revising our long-term sealcoat map to better align with the annual crack filling, tree trimming, and sidewalk repair programs. Best practice has sidewalk repair work being constructed first, followed by crack filling, followed by sealcoating. This three step process does not occur in a single year and may span more than three years.

For 2017 we anticipate sealing some of the asphalt streets in aldermanic districts 1, 2, and 4. In addition to these areas we anticipate sealing selected streets in several other aldermanic districts. This targeted sealing is a new approach intended to stretch our budgets and maximize effectiveness of the sealcoat program.

Proposed 5 Year Street Improvement Program 2017 - 2021

Draft 01/11/2017



STREET INDEX

N. 59th St.	F6	N. 93rd St.	B, D3	Aberdeen Ct.	D4	Day Court	E4	Hart Park Ln.	E5	W. Marion St.	B2, 3	N. Parkside Dr.	A2	Swan Blvd.	D, E3
N. 60th St.	D, F6	N. 94th St.	B, D3	Aetna Ct.	F5	W. Harwood Ave.	F1	W. Harvard La.	F2	W. Martha Dr.	F1	Park View Ct.	E4	Terrace Ct.	F5
N. 61st St.	D, F6	N. 95th St.	B, D, F3	Alice St.	E5	N. Delco Ave.	A2	Harvey Ave.	E5	Martha Washington Dr.	E6	Passadena Blvd.	D4	W. Townsend Ave.	C2
N. 62nd St.	D, F6	N. 96th St.	B, D3	Alta Vista	E5	W. Derby Ave.	A1, 2	Harwood Ave.	E4, 5	Martin Dr.	E6	Perry Ct.	F4	Two Tree Lane	E6
N. 63rd Ct.	E6	N. 97th St.	B, D, F3	W. Argonne Dr.	C3	Dewey Ave.	E4	W. Hawthorne Ave.	F4	Mary Ellen Pl.	F4	Plank Ct.	E2	Underwood Ave.	E4
N. 63rd St.	D, F6	N. 98th St.	B, F3	Auburn Ave.	E5	Auburn Ave.	E, F1	Hennessey Ave.	D5	Mayfair Ct.	D1	Pleasant St.	D, E4	Underwood Ct.	F1
N. 64th St.	D, F6	N. 99th St.	A, B, F3	W. Auer Ave.	F5	Doyle Ave.	E4	N. Mayfair Frontage Rd.	F2	N. Mayfair Rd.	A1, B, F2	Pleasant View St.	F4	W. Underwood Pkwy.	F1
N. 65th St.	D, F5	N. 100th St.	A, C, D, F3	Avon Ct.	F4	Eagle St.	D4	W. Hillside Ave.	C2	W. Meisicke Ave.	D1, 6	Portland Ave.	F4	Upper Parkway North	E5, 6
N. 66th St.	D, F5	N. 101st St.	A, D, 2	Betsy Ross Pl.	E2, 6	Elm Lawn	E4	Hill St.	F4	Maywood Ave.	F2	W. Potter Rd.	F1, 2	Upper Parkway South	E6
N. 67th St.	D, F5	N. 102nd St.	C, D2	Beverly Pl.	D2, 3	Elmhurst Pkwy.	E1	Hillcrest Dr.	E4, 5	Maywood Ave.	F4	Ravenswood Cir.	E5, 6	W. Vienna Ave.	B2
N. 68th St.	D, F5	N. 103rd St.	A, C, D, F2	Blanchard St.	E5	Elmspring Ave.	F1	W. Hillside Ave.	B2	W. McKinley Ave.	E6	Ravenswood Cir.	F4	Vista Ave.	E5, 6
N. 69th St.	D, F5	N. 104th St.	A, D, F2	Blue Mound Ln.	F5	Fairview Ave.	F1	Hillside La.	F5	Meadow Ct.	B2	Raymir Cir.	C1	W. Vlet St.	E4
N. 70th St.	D, F5	N. 105th St.	A, C, D, F2	W. Blue Mound Rd.	F1, 6	Fairwood Ct.	C1	W. Homewood Ave.	F1	Melrose Ave.	E5	Raymir Pl.	B2	W. Walnut Rd.	E1, 2
N. 71st St.	D, F5	N. 106th St.	A, C, D, F2	Brookside Pl.	F4	W. Feerick Pl.	B2	Honey Creek Pkwy.	E, F4, E5	W. Melrose Ave.	E5	Red Arrow Ct.	E4	Warren Ave.	E1
N. 72nd St.	D, F5	N. 107th St.	A, D, F2	W. Burleigh Frontage Rd.	C1	W. Hope Ave.	B1	W. Hope Ave.	B2, 3	W. Melvina St.	B2	Research Dr.	F2, 3	W. Washington Blvd.	E5, 6
N. 73rd St.	D, F5	N. 108th Pl.	F2	Hoyt Park Dr.	C1, 3	W. Fiebranz Ave.	B2, 3	Hoyt Park Dr.	E4	Menomonee Dr.	F6	Revere Ave.	E5	Washington Cir.	E5, 6
N. 74th St.	D, F5	N. 108th St.	A2	W. Byron Pl.	B3	W. Fisher Parkway	D2	Innovation Dr.	E, F2, F3	Menomonee River Pkwy.	A, B1, B, C2, D3, E4	Richmond Ct.	D4	Watertown Plank Rd.	E1, 4
N. 75th St.	D, F5	N. 109th St.	A, F2	W. Capitol Dr.	F1, 2	Forest St.	D, E4	Jackson Park Blvd.	D3, 4	N. Menomonee River Pkwy.	C2, 3	Ridge Blvd.	D3	Watson Ave.	D5
N. 76th St.	D, F5	N. 110th Pl.	F2	W. Cathedral Ave.	F1	Kavanaugh Pl.	D1, 2, 5, 6	Kavanaugh Pl.	E4	Met to Wee Ln.	D3	Ridge Ct.	E4	Wauwatosa Ave.	D5
N. 77th St.	F4	N. 110th St.	A, B, F2	Cathedral Ct.	F2	W. Keele Ave.	C2	W. Keele Ave.	C2	W. Michigan St.	F2, 6	River Park Ct.	F1	Webster Ct.	B2
N. 78th St.	D, F4	N. 111th St.	B, D, F2	Cedar St.	F5	Kenwood Ave.	D5	Kenwood Ave.	D5	W. Nelson Pl.	D1	River Park Ct.	F1	Wellauer Dr.	B2
N. 79th St.	D, F4	N. 112th St.	C, D, F2	W. Center St.	D1, 6	W. Gilbert Ave.	D, E1	Kenyon Ave.	E4	Milwaukee Ave.	E4, 6	River Pkwy.	E5, 6	W. Wells St.	F2, 5, 6
N. 80th St.	D, F4	N. 113th St.	D, F1	Charles Hart Pkwy.	E4	Kinsman St.	E5	Lincoln Pl.	E5	Mountain Ave.	E5	Robertson Ave.	E, F4	Wilson Blvd.	D3
N. 81st St.	D, E4	N. 114th St.	C, D, F1	W. Chambers St.	C1	Glencoe Pl.	F4	N. Knoll Blvd.	C2	Mower Ct.	E5	Rockway	F4	Windsor Ct.	F4
N. 82nd St.	D4	N. 115th St.	D, F1	W. Cherry St.	E1	W. Glendale Ave.	A1, 3	N. Knoll Terrace	C2	W. Mt. Vernon Ave.	F1, 2	Rogers Ave.	D4	W. Wirth St.	B1
N. 83rd St.	D, E4	N. 116th St.	D, F1	Chestnut St.	E4, 5	Laurel Ct.	E, F4	Laurel Ct.	F5	W. Nash St.	B, C2	Romona Ave.	E5	W. Wisconsin Ave.	F1, 6
N. 84th St.	D, F4	N. 117th Pl.	N, 117th Pl.	Christie Dr.	F3, 4	Glencree Pl.	E4	Lefebvre Ave.	D5	W. Nelson Pl.	D1	Romona Ave.	A2, 3	Woodland Ave.	E1, 4
N. 85th St.	D, F4	N. 117th St.	A, C, F1	Christie Dr.	E4	Church St.	B2	Lincoln Pl.	D1	Normandy Ct.	D1	St. Charles Pl.	B3	Woodside Ct.	E1
N. 86th St.	D, F4	N. 118th St.	B, D, E1	W. Clarke St.	D1, 3, 6	Glensay St.	A, B2	W. Lisbon Ave.	B3, 6	Normandy La.	D1	St. Charles St.	E5	W. Woodward Ave.	B2
N. 87th St.	E, F4	N. 119th St.	A, D, F1	W. Concordia Ave.	C2	Grand Parkway	F5	Livingston Ave.	D4	W. North Ave.	D1, 6	St. James Ct.	E4	W. Wright St.	D2, 6
N. 88th St.	D, F4	N. 120th St.	B, D, F1	W. Congress St.	A2, 3	W. Grantosa Dr.	B2, 3	W. Lloyd St.	D5, 6	Oakhill Ave.	D5	St. James St.	E5	Yale Pl.	E5
N. 89th St.	D, F3	N. 121st St.	C, E, F1	Cornell Ave.	F3, 4	Gridley Ave.	E4	W. Locust St.	C1, 2	W. Oxford Pl.	E4	St. Jude Ct.	F1	York Ct.	B2
N. 90th St.	D3	N. 122nd St.	C, F1	W. Courtland Ave.	A2, 3	Lincoln Pl.	D1	W. Courtland Ave.	E6	W. Palmetto Ave.	B3	W. State St.	E4, 5	W. York Pl.	B2
N. 91st St.	D3	N. 123rd St.	F1	Crescent Ct.	F5	N. Harding Blvd.	D3	Ludington Ave.	D, E4	N. Park Drive	D1	W. Stewart Ave.	D2		
N. 92nd St.	A, B, E, F3	N. 124th St.	A, E1	Cresview Ct.	D1	Harding Blvd.	D3	Ludington Ct.	D4	W. Park Hill Ave.	F1, 3, 5	Stickney Ave.	D3, 4		
				Currie Avenue	F4	Harley Davidson Ave.	A, B1	Maple Lane	A2	W. Park Ridge Ave.	B2	Sunset Ave.	B2		
				Currie Place	F4	Harmonee Ave.	E4	Maple Terrace	F5	Parkside Ct.	A2	Sunset Ct.	D3, 4		

CITY OF WAUWATOSA
2017-2021 ESTIMATED PAVEMENT COST
AND ASSESSMENTS PER FOOT

RECONSTRUCT OLD PAVEMENTS

COST ESTIMATE BASIS: TYPE A = 100%; TYPE B = 80%; TYPE C = 40%; TYPE D = 50%; TYPE E=20%

STREET WIDTH (FT.)	EST. COST - \$ PER FT. OF LENGTH				
	2017	2018	2019	2020	2021
24	\$177	\$184	\$191	\$199	\$207
26	\$179	\$186	\$193	\$201	\$209
27	\$189	\$197	\$205	\$213	\$222
28	\$196	\$204	\$212	\$220	\$229
29	\$202	\$210	\$218	\$227	\$236
30	\$213	\$222	\$231	\$240	\$250
31	\$222	\$231	\$240	\$250	\$260
32	\$227	\$236	\$245	\$255	\$265
34	\$241	\$251	\$261	\$271	\$282
36	\$253	\$263	\$274	\$285	\$296
40	\$279	\$290	\$302	\$314	\$327
42	\$304	\$316	\$329	\$342	\$356
44	\$368	\$383	\$398	\$414	\$431
46	\$405	\$421	\$438	\$456	\$474
48	\$417	\$434	\$451	\$469	\$488
52	\$456	\$474	\$493	\$513	\$534
55	\$494	\$514	\$535	\$556	\$578
60	\$518	\$539	\$561	\$583	\$606
17**-17 (BLVD)	\$586	\$609	\$633	\$658	\$684
20**-20 (BLVD)	\$654	\$680	\$707	\$735	\$764
28**-28 (BLVD)	\$854	\$888	\$924	\$961	\$999
30**-30 (BLVD)	\$889	\$925	\$962	\$1,000	\$1,040
32**-32 (BLVD)	\$936	\$973	\$1,012	\$1,052	\$1,094
35**-35 (BLVD)	\$959	\$997	\$1,037	\$1,078	\$1,121
36**-36 (BLVD)	\$977	\$1,016	\$1,057	\$1,099	\$1,143
37**-37 (BLVD)	\$994	\$1,034	\$1,075	\$1,118	\$1,163
18 (ALLEY)	\$164	\$171	\$178	\$185	\$192
20 (ALLEY)	\$171	\$178	\$185	\$192	\$200

DESCRIPTION OF CONSTRUCTION TYPES:

TYPE A: CONSISTS OF COMPLETELY REMOVING EXISTING CURB AND PAVEMENT, REGRAVING AND REPLACING WITH NEW CONCRETE CURB AND GUTTER AND EITHER CONCRETE PAVEMENT OR ASPHALT PAVEMENT WITH A NEW STONE BASE.

TYPE B: CONSISTS OF COMPLETELY REMOVING EXISTING CURB AND GUTTER, MILLING THE EXISTING ASPHALT PAVEMENT AS REQUIRED, AND REPLACING WITH CONCRETE CURB AND GUTTER AND ASPHALT PAVEMENT ON THE EXISTING ROAD BASE.

TYPE C: CONSISTS OF REPLACING DEFECTIVE CURB AND GUTTER (NOT TO EXCEED 25% OF THE EXISTING CURB AND GUTTER ON THAT STREET), HOT INPLACE RECYCLING OR MILLING THE EXISTING PAVEMENT SURFACE AS REQUIRED AND SURFACING WITH NEW ASPHALT PAVEMENT

TYPE D: CONSISTS OF REPLACING DEFECTIVE CURB AND GUTTER (NOT TO EXCEED 25% OF THE EXISTING CURB AND GUTTER ON THAT STREET), MILLING AND PULVERIZING OR REMOVING THE EXISTING PAVEMENT, NEW ASPHALT PAVEMENT ON THE EXISTING ROAD BASE

TYPE E: CONSISTS OF MINIMAL DEFECTIVE CURB AND GUTTER REPAIR, MINOR MILLING OF THE EXISTING PAVEMENT SURFACE AS REQUIRED AND OVERLAYING WITH ASPHALT PAVEMENT

PROPOSED STD. ASSESSMENT RATE FOR STREETS
 COST PER FOOT OF ASSESSABLE FRONTAGE*

YEAR	TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	NEW
2017	\$54.00	\$43.20	\$21.60	\$27.00	\$10.80	\$75.60
2018	\$56.00	\$44.80	\$22.40	\$28.00	\$11.20	\$78.40
2019	\$58.00	\$46.40	\$23.20	\$29.00	\$11.60	\$81.20
2020	\$60.00	\$48.00	\$24.00	\$30.00	\$12.00	\$84.00
2021	\$62.00	\$49.60	\$24.80	\$31.00	\$12.40	\$86.80

PROPOSED STD. ASSESSMENT RATE FOR ALLEYS
 COST PER FOOT OF ASSESSABLE FRONTAGE*

YEAR	TYPE A	TYPE C	NEW
2017	\$64.00	\$25.60	\$76.80
2018	\$66.00	\$26.40	\$79.20
2019	\$68.00	\$27.20	\$81.60
2020	\$70.00	\$28.00	\$84.00
2021	\$72.00	\$28.80	\$86.40

* MULTI FAMILY (3 OR MORE) RATE = STD RATE * 1.25
 COMMERCIAL RATE = STD RATE * 1.5
 INDUSTRIAL RATE = STD RATE * 2.0

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM 2017 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 380,750

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
N. 60TH ST. #	VLIET ST.	N.C.L.	5,200	38	SAME	E -ASPH	4,900	\$26,460
N. 69TH ST.	CLARKE ST.	CENTER ST.	670	24	SAME	D -ASPH	1,228	\$33,156
N. 92ND ST. # @	CAPITOL DR.	HAMPTON AVE.	5,100	31-22-31	36-12-36	A -CONC	4,910	\$265,140
N. 100TH ST. #	KEEFE AVE.	LISBON AVE.	317	44	SAME	E -ASPH	479	\$5,173
HARMONEE AVE. %	MENOMONEE RIV. PKWY.	UNDERWOOD AVE.	325	44	VARIES	A -ASPH	0	\$0
HARWOOD AVE. %	250' E. OF STATE ST.	WAUWATOSA AVE.	250	48	new	A -ASPH	0	\$0
HARWOOD AVE. %	WAUWATOSA AVE.	MOWER CT.	750	42	44	A -ASPH	0	\$0
PARK DRIVE	CENTER ST.	LOCUST ST.	1,500	30	SAME	D -ASPH	1,884	\$50,868
UNDERWOOD AVE. %	HARMONEE AVE.	MILWAUKEE AVE.	650	34	SAME	A -ASPH	0	\$0
WAUWATOSA AVE. %	STATE ST.	HARMONEE AVE.	750	36	tbd	A -ASPH	0	\$0
TOTALS								\$380,797

DOT STREETS 325

LOCAL FEET STREETS 15,187

LOCAL MILES STREETS 2.88

additional feet needed for 4 miles 5,933

A-CONC - 5,100 FEET
 A-ASPH - 2,725 FEET
 B-ASPH - 0 FEET
 C-ASPH - 0 FEET
 D-ASPH - 2,170 FEET
 E-ASPH - 5,517 FEET

TOTAL:

15,512 FEET

2.94 MILES

TOTAL STREETS AND ALLEYS:

17,782 FEET

3.4 MILES

JOINT PROJECT WITH CITY OF MILWAUKEE
 (MILW. LEAD AGENCY) WAUWATOSA COSTS SHOWN

@ ROAD WIDENED TO ACCOMMODATE BIKE LANES

% NO PAVING ASSESSMENT - VILLAGE PLAN FUNDED

ALLEY / LIMITS	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
(NORTH - SOUTH / EAST - WEST)						
CENTER ST. - CLARKE ST. / 68TH 69TH	240	19	SAME	A-GREEN	188	\$12,032
CENTER ST. - CLARKE ST. / 69TH - 70TH	230	19	SAME	A-GREEN	424	\$27,136
MEINECKE - NORTH / 90TH - 91ST	250	20	SAME	C-GREEN	521	\$13,338
MEINECKE - NORTH / 91ST - SWAN	250	20	SAME	A-GREEN	483	\$30,912
NORTH AVE - JACKSON PARK / 90TH - SWAN	475	20	SAME	A-GREEN	1,130	\$72,320
NORTH AVE - JACKSON PARK / 83RD - LUDINGTON	385	20	SAME	A -CONC	932	\$59,648
STICKNEY - MENOMONEE RIVER PKY / SWAN - 93RD (EW LEG ONLY)	440	18	SAME	A-GREEN	587	\$37,568
	2,270					\$252,954

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: 2017 Paving Program
Project No.: 1017

PROJECT DESCRIPTION

Justification:

Planned street and alley improvements for 2017 total 3.4 miles of pavement. Of that total 2.94 miles comprise the streets pavement component and .43 miles of alley will be improved. Design costs for 2018 paving projects are also shown in 2017. As is standard practice, City owned utilities are upgraded as part of the repaving projects. 2017 is the second year of a multi-year program to renew the streetscape and infrastructure in the Village. Planned work includes Harwood Avenue from Wauwatosa Ave to Mower Ct, and Wauwatosa Ave from State Street to Harmonee. Also programmed in these funds are the renewal of Root Common and Pocket Park. New for 2017 is the repaving of Underwood Ave and Harmonee adjacent to the proposed Harwood Square development. Another major street improvement planned for 2017 is N. 92nd street from Capital Dr. to Hampton Ave. This is a joint project with the DOT and the City of Milwaukee. A complete listing of streets to be repaved in 2017 follows this narrative.

2017 Expected Life of Item/Project: 40 years

Request made by: Wehrley

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 420,000	\$ 419,772	\$ 2,050,008	\$ -	\$ -	\$ -		\$ 2,050,008
Rate-backed Bonds- San	\$ 40,000	\$ 38,238	\$ 557,024	\$ -	\$ -	\$ -		\$ 557,024
Rate-backed Bonds- Storm	\$ 35,000	\$ 31,610	\$ 588,132	\$ -	\$ -	\$ -		\$ 588,132
Rate-backed Bonds - Water		\$ 78,640	\$ 1,438,138	\$ -	\$ -	\$ -		\$ 1,438,138
Special Assessment		\$ -	\$ 634,000	\$ -				\$ 634,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -	\$ -	\$ -				\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds	\$ -	\$ -	\$ 290,000					\$ 290,000
Total	\$ 495,000	\$ 568,260	\$ 5,557,301	\$ -	\$ -	\$ -	\$ -	\$ 5,557,301

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 568,259	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 161,863	\$ -	\$ -	\$ -		\$ 161,863
Land Acquisition		\$ -						\$ -
Construction	\$ 13,019	\$ -	\$ 5,395,438	\$ -	\$ -	\$ -		\$ 5,395,438
Other		\$ -						\$ -
Total	\$ 13,019	\$ 568,259	\$ 5,557,301	\$ -	\$ -	\$ -	\$ -	\$ 5,557,301

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ 419,772	\$ 2,684,008	\$ -	\$ -	\$ -		\$ 2,684,008
Sanitary Sewers		\$ 38,238	\$ 557,024	\$ -	\$ -	\$ -		\$ 557,024
Storm Sewers		\$ 31,610	\$ 878,132	\$ -	\$ -	\$ -		\$ 878,132
Water		\$ 78,640	\$ 1,438,138	\$ -	\$ -	\$ -		\$ 1,438,138
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 13,019	\$ -						\$ -
Total	\$ 13,019	\$ 568,260	\$ 5,557,301	\$ -	\$ -	\$ -	\$ -	\$ 5,557,301

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2018 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 723,115

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSESS.
CENTER ST. #	N. 60TH ST.	WAUWATOSA AVE.	3,700	50	SAME	E - ASPH	4,880	\$54,656
HART PARK LANE	N. 72ND ST.	WEST END	1,540	36	SAME	D - ASPH	0	\$0
HARWOOD AVE.	GLENVIEW PL.	ROBERTSON ST.	900	40	SAME	C - ASPH	2,110	\$47,264
LUDINGTON AVE.	MILWAUKEE AVE.	NORTH AVE.	3,600	30	SAME	C - ASPH	5,440	\$121,856
STATE ST. %	N. 68TH ST.	WAUWATOSA AVE.	2,600	48	SAME	A - ASPH	0	\$0
UNDERWOOD AVE. @	MILWAUKEE AVE.	WARREN AVE.	325	24	SAME	A - CONC	0	\$0
UNDERWOOD AVE. ++	WARREN AVE.	ROGERS AVE.	1,300	24	SAME	A - ASPH	1,520	\$85,120
WATERTOWN PLK. RD.	ROBERTSON ST.	N. 86TH ST.	1,100	40	SAME	C - ASPH	2,477	\$55,485
WOODLAND AVE. @	WAUWATOSA AVE.	N. 81ST ST.	1,600	30	SAME	A - ASPH	0	\$0
TOTALS								\$364,381

2 DOT STREETS

LOCAL FEET STREETS 16,665

LOCAL MILES STREETS 3.16

additional feet needed for 4 miles 4,455

A-CONC - 2,925 FEET
 A-ASPH - 2,900 FEET
 B-ASPH - 0 FEET
 C-ASPH - 7,140 FEET
 D-ASPH - 0 FEET
 E-ASPH - 3,700 FEET
 TOTAL: 16,665 FEET
 3.16 MILES

JOINT PROJECT WITH CITY OF MILWAUKEE
 % NO PAVING ASSESSMENT - VILLAGE PLAN FUNDED
 @ NO PAVING ASSESSMENT - UTILITY DRIVEN
 ++ ASSESSED AS A TYPE D, LIKELY A RECONSTRUCT
 DUE TO UTILITIES

TOTAL STREETS AND ALLEYS: 19,038 FEET
 3.6 MILES

ALLEY / LIMITS	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSESS.
(NORTH - SOUTH / EAST - WEST)						
NORTH - GARFIELD / 103RD - 104TH (north-south leg all the way to 104th)	385	20	SAME	A-GREEN	535	\$35,310
NORTH AVE. - GARFIELD AVE. / 106TH - 107TH	290	20	SAME	A-GREEN	1,072	\$70,752
GARFIELD AVE. - GILBERT AVE. / 116TH - 117TH	688	20	SAME	A-GREEN	1,321	\$87,186
NORTH AVE. - GARFIELD AVE. / 117TH - 118TH	310	20	SAME	A-GREEN	661	\$43,626
NORTH AVE. - GARFIELD AVE. / 118TH - 119TH	260	20	SAME	A-GREEN	487	\$32,142
NORTH AVE. - GARFIELD AVE. / 122ND - 124TH	440	20	SAME	A-GREEN	1,000	\$66,000
TOTALS						\$335,016

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	2018 Paving Program
Project No.:	1018

PROJECT DESCRIPTION

Justification:
Planned City repaving projects for 2018 total 3.6 miles of pavement. Of that total, 3.16 miles are street repaving projects, and the remaining miles of pavement rehabilitation represent alley improvement projects. 2018 is the third year of the planned Village Improvements. Work is programmed for State Street from Wauwatosa Ave to 68th Street. Another major project to be constructed in 2018 is the repaving of Harwood/Watertown Plank Rd from Glenview Place to 86th street. This work, in conjunction with the work in the Village, will complete the renewal of pavement all the way from where the DOT work on Watertown Plank ended at 86th street, to Glenview Place. A complete listing of streets to be repaved in 2018 follows this narrative.

Year of Construction: 2018 Expected Life of Item/Project: 40 years
Request made by: Wehrley

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ 493,253	\$ 3,102,369	\$ -	\$ -	\$ -	\$ 3,595,621
Rate-backed Bonds- San		\$ -	\$ 48,360	\$ 622,635	\$ -	\$ -	\$ -	\$ 670,995
Rate-backed Bonds- Storm		\$ -	\$ 64,157	\$ 489,059	\$ -	\$ -	\$ -	\$ 553,216
Rate-backed Bonds - Water		\$ -	\$ 168,176	\$ 2,165,266	\$ -	\$ -	\$ -	\$ 2,333,442
Special Assessment		\$ -		\$ 699,000				\$ 699,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -		\$ 263,034				\$ 263,034
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 336,966				\$ 336,966
Total	\$ -	\$ -	\$ 773,946	\$ 7,678,329	\$ -	\$ -	\$ -	\$ 8,452,275

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ 773,946	\$ -	\$ -	\$ -	\$ -	\$ 773,946
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ 223,641	\$ -	\$ -	\$ -	\$ 223,641
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ 7,454,688	\$ -	\$ -	\$ -	\$ 7,454,688
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 773,946	\$ 7,678,329	\$ -	\$ -	\$ -	\$ 8,452,275

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ 493,253	\$ 4,064,403	\$ -	\$ -	\$ -	\$ 4,557,655
Sanitary Sewers		\$ -	\$ 48,360	\$ 622,635	\$ -	\$ -	\$ -	\$ 670,995
Storm Sewers		\$ -	\$ 64,157	\$ 826,025	\$ -	\$ -	\$ -	\$ 890,182
Water		\$ -	\$ 168,176	\$ 2,165,266	\$ -	\$ -	\$ -	\$ 2,333,442
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 773,946	\$ 7,678,329	\$ -	\$ -	\$ -	\$ 8,452,275

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2019 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 957,635

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
N. 79TH ST.	MARY ELLEN PLACE	WISCONSIN AVE.	590	24	SAME	B - ASPH	1,060	\$49,184
N. 84TH ST.	WRIGHT ST.	N.C.L.	1,155	30	SAME	B - ASPH	2,160	\$96,768
N. 96TH ST.	MENOMONEE RIV. PKWY.	RIDGE BLVD.	1,800	30	SAME	A - ASPH	2,710	\$157,180
N. 97TH ST.	HARDING BLVD.	RIDGE BLVD.	1,160	30	SAME	A - ASPH	2,000	\$116,000
N. 97TH ST.	RIDGE BLVD.	NORTH END	590	30	SAME	B - ASPH	500	\$23,200
N. 113TH ST.	POTTER RD.	UNDERWOOD CT.	470	30	SAME	C - ASPH	810	\$18,792
GLENVIEW AVE.	AVON CT.	HARWOOD AVE	2,300	40	SAME	C - ASPH	5,382	\$124,862
HARDING BLVD.	N. 96TH ST.	N. 97TH ST.	700	30	SAME	A - ASPH	1,200	\$69,600
N. HARDING BLVD.	N. 97TH ST.	N. CITY LIMITS	1,500	30	SAME	A - ASPH	2,460	\$142,680
HARMONEE AVE. %	WAUWATOSA AVE.	UNDERWOOD AVE.	325	44	VARIES	A - ASPH	0	\$0
PERRY CT.	N. 76TH ST.	END OF STREET	575	26	SAME	A - ASPH	968	\$56,144
SWAN BLVD.	MENOMONEE RIV. PKWY.	STICKNEY AVE.	600	30	SAME	C - ASPH	887	\$20,578
SWAN BLVD. *	BRIDGE OVER I-41/USH45	BRIDGE OVER D/BASINS	2,500	30	SAME	C - ASPH	0	\$0
UNDERWOOD CT.	N. 113TH ST.	CUL DE SAC	350	30	SAME	C - ASPH	650	\$15,080
WAUWATOSA AVE. %	HARMONEE AVE.	MILWAUKEE AVE.	675	VARIES	VARIES	A - ASPH	0	\$0
TOTALS								
DOT STREETS	3,300	A-CONC -	0	FEET				
LOCAL FEET STREETS	11,990	A-ASPH -	6,735	FEET				% NO PAVING ASSESSMENT - VILLAGE PLAN FUNDED
LOCAL MILES STREETS	2.27	B-ASPH -	2,335	FEET				
	9,130	C-ASPH -	6,220	FEET				* INCLUDES ROUNDABOUT CONSTRUCTION AT DISCOVERY PKY
		D-ASPH -	0	FEET				SWAN PAVING PARTIALLY FUNDED BY DOT
		TOTAL:	15,290	FEET				NO PAVING ASSESSMENTS
			2.90	MILES				
		TOTAL STREETS AND ALLEYS:	16,595	FEET				
			3.1	MILES				

ALLEY / LIMITS	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
(NORTH - SOUTH / EAST - WEST)						
BLUE MOUND - MT. VERNON / 67TH ST. - 68TH ST. east-west leg (St. Paul Ave.)	145	20	SAME	A-GREEN	390	\$26,520
WELLAUER - BLUE MOUND / 72ND - 74TH (Blue Mound Lane)	600	30	SAME	A-GREEN	1,085	\$73,780
WELLAUER - BLUE MOUND / 74TH - 75TH (Blue Mound Lane)	270	30	SAME	A-GREEN	419	\$28,492
WELLAUER - BLUE MOUND / 75TH - 76TH	290	30	SAME	A - CONC	678	\$46,104
TOTALS						
	1,305					\$174,896

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	2019 Paving Program
Project No.:	1019

PROJECT DESCRIPTION

Justification:
In 2019 a total of 3.1 miles of street and alley improvements are programmed. Of that amount 2.9 miles of streets are scheduled for repaving, and .25 miles of public alleys are planned for reconstruction. The mileage of paving includes the repaving of Swan Blvd, the costs of which are shown on Project 7001.

Year of Construction: 2019 Expected Life of Item/Project: 40 years.
Request made by: Wehrley

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ 670,695	\$ 4,454,076	\$ -	\$ -	\$ 5,124,771
Rate-backed Bonds- San		\$ -	\$ -	\$ 141,129	\$ 1,817,033	\$ -	\$ -	\$ 1,958,162
Rate-backed Bonds- Storm		\$ -	\$ -	\$ 119,369	\$ 1,341,123	\$ -	\$ -	\$ 1,460,492
Rate-backed Bonds - Water		\$ -	\$ -	\$ 154,400	\$ 1,987,900	\$ -	\$ -	\$ 2,142,300
Special Assessment		\$ -			\$ 1,065,000			\$ 1,065,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -			\$ 7,450			\$ 7,450
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 195,750			\$ 195,750
Total	\$ -	\$ -	\$ -	\$ 1,085,592	\$ 10,868,332	\$ -	\$ -	\$ 11,953,925

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ 1,085,592	\$ -	\$ -	\$ -	\$ 1,085,592
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -			\$ 316,553	\$ -	\$ -	\$ 316,553
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ 10,551,779	\$ -	\$ -	\$ 10,551,779
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 1,085,592	\$ 10,868,332	\$ -	\$ -	\$ 11,953,925

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ 670,695	\$ 5,526,526	\$ -	\$ -	\$ 6,197,221
Sanitary Sewers		\$ -	\$ -	\$ 141,129	\$ 1,817,033	\$ -	\$ -	\$ 1,958,162
Storm Sewers		\$ -	\$ -	\$ 119,369	\$ 1,536,873	\$ -	\$ -	\$ 1,656,242
Water		\$ -	\$ -	\$ 154,400	\$ 1,987,900	\$ -	\$ -	\$ 2,142,300
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 1,085,592	\$ 10,868,332	\$ -	\$ -	\$ 11,953,925

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM 2020 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 585,781

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSESS. FEET	SPECIAL ASSES.
N. 68TH ST.	WISCONSIN AVE.	RIVER PKWY.	2,200	40	SAME	C - ASPH	3,200	\$76,800
N. 68TH ST.	STATE ST.	MILWAUKEE AVE.	2,000	36	SAME	C - ASPH	3,162	\$75,888
N. 109TH ST.	WISCONSIN AVE.	POTTER RD.	1,000	36	SAME	C - ASPH	2,020	\$48,480
N. 115TH ST.	PARK HILL AVE.	BLUE MOUND RD.	1,225	30	SAME	D - ASPH	2,360	\$70,800
N. 115TH ST.	BLUE MOUND RD.	WATERTOWN PLK. RD.	3,500	36	SAME	D - ASPH	7,149	\$214,470
N. 122ND ST.	LOCUST ST.	BURLEIGH ST.	1,200	30	SAME	D - ASPH	2,250	\$67,500
BURLEIGH ST. @	N. 117TH ST. extnded	N. 124TH ST.	2,100	32-22-32	SAME	C - ASPH	0	\$0
NORTH AVE. #	MAYFAIR RD.	W. of N. 117TH ST.	2,800	36-28-36	SAME	C - ASPH	6,556	\$157,344
TOTALS								\$711,282

DOT STREETS

LOCAL FEET STREETS 0
 LOCAL MILES STREETS 16,025
 additional feet needed for 4 miles 3.04
 5,095

A-CONC - 0 FEET
 A-ASPH - 0 FEET
 B-ASPH - 0 FEET
 C-ASPH - 10,100 FEET
 D-ASPH - 5,925 FEET
 TOTAL: 16,025 FEET
 3.04 MILES

@ NO PAVING ASSESSMENT - TIF FUNDED

DOT PROJECT ASSESSED AS RESURFACING,
 PARTIAL RECONSTRUCT,
 DEFERRED FROM 2016, CONSTRUCT
 IN 2019, 2020, OR 2021,
 DEPENDING UPON DOT BUDGETS

TOTAL STREETS AND ALLEYS:
 17,850 FEET
 3.4 MILES

ALLEY / LIMITS	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSESS. FEET	SPECIAL ASSES.
(NORTH - SOUTH / EAST - WEST)						
HADLEY ST. - CENTER ST. / 73RD - 74TH east-west leg	230	20	SAME	A-GREEN	340	\$23,800
HADLEY ST. - CENTER ST. / 73RD - 74TH north-south leg	350	18	SAME	A-GREEN	698	\$48,860
MARION - GRANTOSA / 99TH - 100TH north-south leg #	350	20	SAME	A-GREEN	213	\$14,910
MARION - GRANTOSA / 99TH - 100TH east-west leg #	325	20	SAME	A-GREEN	336	\$23,520
MEINECKE - NORTH / 66TH - 67TH	300	20	SAME	A-GREEN	519	\$36,330
MEINECKE - NORTH / 67TH - 68TH	270	20	SAME	A-GREEN	484	\$33,880
TOTALS						\$181,300

JOINT PROJECT WITH CITY OF MILWAUKEE

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	2020 Paving Program
Project No.:	1020

PROJECT DESCRIPTION

Justification:
For 2020 a total of 3.04 miles of pavement are slated for renewal, of which .35 miles of alleys will be reconstructed as green alleys. The planned work in 2020 includes work on North Ave west of Mayfair Road as part of the DOT's North Leg Zoo Interchange project. This project is subject to future DOT budget approval. Cost for the North Ave work is included in Project 1112. Another large project on this paving program is the resurfacing on N. 68th Street from Milwaukee Ave to Wisconsin Ave.

Year of Construction:	2020-2022	Expected Life of Item/Project:	40 years
Request made by:	Wehrley		

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 517,099	\$ 1,768,152	\$ -	\$ 2,285,251
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ 79,074	\$ 873,178	\$ -	\$ 952,252
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ 82,928	\$ 809,298	\$ -	\$ 892,226
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ 184,180	\$ 2,721,318	\$ -	\$ 2,905,498
Special Assessment		\$ -				\$ 893,000		\$ 893,000
TIF		\$ -				\$ 1,681,043		\$ 1,681,043
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -				\$ 177,000		\$ 177,000
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -				\$ 145,000		\$ 145,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 863,281	\$ 9,067,988	\$ -	\$ 9,931,269

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ 863,281	\$ -	\$ -	\$ 863,281
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ 253,922	\$ -	\$ 253,922
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ 8,814,066	\$ -	\$ 8,814,066
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 863,281	\$ 9,067,988	\$ -	\$ 9,931,269

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ 517,099	\$ 4,260,895	\$ -	\$ 4,777,994
Sanitary Sewers		\$ -	\$ -	\$ -	\$ 79,074	\$ 1,018,078	\$ -	\$ 1,097,152
Storm Sewers		\$ -	\$ -	\$ -	\$ 82,928	\$ 1,067,698	\$ -	\$ 1,150,626
Water		\$ -	\$ -	\$ -	\$ 184,180	\$ 2,721,318	\$ -	\$ 2,905,498
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 863,281	\$ 9,067,988	\$ -	\$ 9,931,269

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM 2021 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 268,813

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSESS. FEET	SPECIAL ASSESS.
CENTER ST.	MAYFAIR RD.	East of N. 112TH ST.	1,100	VARIABLES	SAME	C - ASPH	3,162	\$78,418
CENTER ST.	N. 114TH ST.	N. 117TH ST.	1,100	52	SAME	D - ASPH	7,149	\$221,619
GLENVIEW AVE. # **	I-94	BLUE MOUND RD.	1,700	34-18-34	SAME	A - CONC	0	\$0
WAUWATOSA AVE.	MILWAUKEE AVE.	NORTH AVE.	3,000	VARIABLES	SAME	E - ASPH	5,716	\$70,878
WISCONSIN AVE	west of N. 98TH ST.	N. 106TH ST.	2,388	44	SAME	D - ASPH	5,392	\$167,152
TOTALS								\$538,067

DOT STREETS 4,700 FEET A-CONC -
 LOCAL FEET STREETS 4,588 FEET A-ASPH -
 LOCAL MILES STREETS 0.87 FEET B-ASPH -
 16,532 FEET C-ASPH -
 additional feet needed for 4 miles 3,488 FEET D-ASPH -
 3,000 FEET E-ASPH -
 TOTAL: 9,288 FEET
 1.76 MILES

JOINT PROJECT WITH DOT / CITY OF MILWAUKEE
WAUWATOSA COSTS SHOWN

** NO PAVING ASSESSMENT, FUNDED BY DOT

TOTAL STREETS AND ALLEYS: 11,305 FEET
2.1 MILES

ALLEY / LIMITS	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSESS. FEET	SPECIAL ASSESS.
(NORTH - SOUTH / EAST - WEST)						
BURLEIGH - CHAMBERS / 122ND - 124TH (east-west leg only)	175	20	SAME	A-GREEN	356	\$25,632
CAPITOL - MELVINA / GRANTOSA - WOODWARD	122	20	NEW	A - CONC	156	\$13,478
HAMPTON - DERBY / 110TH - WEST END (EW LEG ONLY) #	500	20	NEW	A - CONC	250	\$21,600
MEINECKE AVE. - NORTH AVE. / 100TH - 101ST	270	20	SAME	A-GREEN	331	\$23,832
MEINECKE - NORTH / 102ND - MAYFAIR	495	20	SAME	A-GREEN	1,115	\$80,280
WASHINGTON BLVD - VLIET / 60TH - WASHINGTON CIRCLE	455	18	SAME	A-GREEN	761	\$54,792
TOTALS						\$219,614

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: 2021 Paving Program
Project No.: 1021

PROJECT DESCRIPTION

Justification:

For 2021 we are planning on repaving 1.76 miles of streets and 0.38 miles of alleys. Included in this year are a joint DOT/Milwaukee/Wauwatosa paving project for Glenview/84th street from I-94 to Blue Mound Rd. Deferred from this year's paving program is the repaving of North Ave from Mayfair Road to Menomonee River Parkway. This paving project is to be scheduled in coordination with the replacement of the four North Ave bridges over Menomonee River. Details of the bridge project and its costs are shown on Project 2301. If the bridge project year of construction changes, then we may change the year of the North Ave paving. Also planned for this year is an overlay of Wauwatosa Ave from North Ave to Milwaukee Ave.

Year of Construction: 2021 Expected Life of Item/Project: 40 years
Request made by: Wehrley

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ 379,250	\$ 2,249,520	\$ 2,628,770
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ 52,756	\$ 679,231	\$ 731,987
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ 55,293	\$ 566,903	\$ 622,196
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ 199,400	\$ 2,567,275	\$ 2,766,675
Special Assessment		\$ -					\$ 813,000	\$ 813,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -					\$ 62,500	\$ 62,500
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -					\$ 145,000	\$ 145,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 686,699	\$ 7,083,429	\$ 7,770,129

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 686,699	\$ -	\$ 686,699
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 206,313	\$ 206,313
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,877,116	\$ 6,877,116
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 686,699	\$ 7,083,429	\$ 7,770,129

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ 379,250	\$ 3,125,020	\$ 3,504,270
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ 52,756	\$ 679,231	\$ 731,987
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ 55,293	\$ 711,903	\$ 767,196
Water		\$ -	\$ -	\$ -	\$ -	\$ 199,400	\$ 2,567,275	\$ 2,766,675
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 686,699	\$ 7,083,429	\$ 7,770,129

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	2022 Paving Program
Project No.:	1022

PROJECT DESCRIPTION

Justification:
At this point in the CIP process, the streets and alleys, planned for improvement as part of the 2022 paving program have not been selected. However, to accurately reflect costs incurred in 2021, it is necessary to show a medium level of design costs for the 2022 program. That is the reason why this sheet is shown without construction costs.

Year of Construction: 2022 Expected Life of Item/Project: 40 years
Request made by: Wehrley

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: Bike/Pedestrian Plan Implementation
Project No.: 1104

PROJECT DESCRIPTION

Justification:
Included in this program are funds for constructing sidewalk extensions on Center Street between 112th Street to Mayfair Road. This will close a gap in sidewalks on the south side of Center Street between Mayfair Road and Eisenhower School. Also included in this project is a new ramp to replace the steps between the 111th St. cul-du-sac and Center Street by Whitman Middle School. As this walk includes a significant retaining wall, it may be installed as part of the WisDOT Zoo Interchange North Leg project. Other projects will be developed for the out years of the CIP by the Bike and Pedestrian Committee.

Year of Construction: 2017-2021 Expected Life of Item/Project: 40 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 530,000	\$ 532,734	\$ 93,750	\$ 791,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 1,409,948
Rate-backed Bonds- San		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer	\$ 140,946	\$ 131,396	\$ 16,650					\$ 16,650
Grants//Shared Costs	\$ 19,000	\$ 19,000						\$ -
Surplus		\$ -	\$ 440,000					\$ 440,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 689,946	\$ 683,130	\$ 550,400	\$ 791,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 1,866,598

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 70,000	\$ 18,750	\$ 18,750	\$ 18,750	\$ 18,750	\$ 19,313	\$ 94,313
Design - other		\$ 25,000	\$ 75,000					\$ 75,000
Engineering and Overhead		\$ 22,400	\$ 15,000	\$ 22,500	\$ 4,500	\$ 4,500	\$ 4,635	\$ 51,135
Land Acquisition		\$ -						\$ -
Construction	\$ 37,792	\$ 565,730	\$ 441,650	\$ 750,000	\$ 150,000	\$ 150,000	\$ 154,500	\$ 1,646,150
Other		\$ -						\$ -
Total	\$ 37,792	\$ 683,130	\$ 550,400	\$ 791,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 1,866,598

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ 30,630	\$ 683,130	\$ 550,400	\$ 791,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 1,866,598
Sanitary Sewers		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Water		\$ -				\$ -	\$ -	\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 7,163	\$ -						\$ -
Total	\$ 37,792	\$ 683,130	\$ 550,400	\$ 791,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 1,866,598

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	HWY 45/Center/Meinecke DOT Freeway and Bridge Replacement - Utilities
Project No.:	1105

PROJECT DESCRIPTION

Justification:
As part of the planned Zoo Interchange North Leg freeway reconstruction, the replacement of the bridge overpass Meinecke is anticipated to occur in a future DOT funding cycle. Included in this project is the cost of relocating the sanitary sewers on 112th and 113th streets as sewers on those streets will be impacted by DOT freeway retaining walls. New casing pipes will be installed for two sanitary sewers which cross underneath the freeway. Planned project for 2017 includes replacement of a sanitary sewer inverted siphon underneath the proposed retaining walls to be constructed along the south side of Center Street near Whitman Middle school. (See project 1104 for more details on the wall). With the uncertainty over the timing for the reconstruction of the North leg of the Zoo Interchange, some of these projects may be delayed.

Year of Construction:	<u>2017-2020</u>	Expected Life of Item/Project:	<u>40 years</u>
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ -	\$ 182,000	\$ -	\$ -	\$ -			\$ -
Rate-backed Bonds- San	\$ 1,740,000	\$ 1,822,000	\$ -					\$ -
Rate-backed Bonds- Storm	\$ 1,097,211	\$ 1,044,314	\$ 231,750					\$ 231,750
Rate-backed Bonds - Water		\$ 50,000	\$ -					\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -		\$ -				\$ -
Surplus		\$ -	\$ 650,000					\$ 650,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 2,837,211	\$ 3,098,314	\$ 881,750	\$ -	\$ -	\$ -	\$ -	\$ 881,750

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ 32,000
Design - other		\$ -	\$ -					\$ -
Engineering and Overhead		\$ 70,000	\$ 24,750	\$ -	\$ -			\$ 24,750
Land Acquisition		\$ -						\$ -
Construction	\$ 1,544,214	\$ 3,028,314	\$ 825,000	\$ -	\$ -			\$ 825,000
Other		\$ -						\$ -
Total	\$ 1,544,214	\$ 3,098,314	\$ 881,750	\$ -	\$ -	\$ -	\$ -	\$ 881,750

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ -	\$ 182,000	\$ -		\$ -			\$ -
Sanitary Sewers	\$ 439,276	\$ 1,822,000	\$ 650,000					\$ 650,000
Storm Sewers	\$ 1,015,893	\$ 1,044,314	\$ 231,750					\$ 231,750
Water	\$ 63,809	\$ 50,000	\$ -					\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 25,237	\$ -						\$ -
Total	\$ 1,544,214	\$ 3,098,314	\$ 881,750	\$ -	\$ -	\$ -	\$ -	\$ 881,750

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	State Street Reconstruction and Streetscape Improvement Project- 68th Street to Church Street
Project No.:	1106

PROJECT DESCRIPTION

Justification:
The Village Improvements will take place over several years. To accommodate the cost of the Village Improvements, several other planned projects have been delayed or reduced in scope. As designs proceed and redevelopment occurs, the staging plan gets amended.

Year of Construction:	2016-2021	Expected Life of Item/Project:	40 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 4,200,000	\$ 4,201,961	\$ 6,619,390	\$ 5,120,430	\$ -	\$ -	\$ -	\$ 11,739,820
Rate-backed Bonds- San	\$ 730,000	\$ 730,724	\$ 536,426	\$ -	\$ -	\$ -	\$ -	\$ 536,426
Rate-backed Bonds- Storm	\$ 2,848,000	\$ 2,846,866	\$ 506,185	\$ -	\$ -	\$ -	\$ -	\$ 506,185
Rate-backed Bonds - Water	\$ -	\$ -	\$ 369,960	\$ 148,320	\$ -	\$ -	\$ -	\$ 518,280
Special Assessment		\$ -		\$ -				\$ -
TIF		\$ 2,295,000	\$ 750,000	\$ 250,000				\$ 1,000,000
General Fund Transfer	\$ 30,000	\$ 30,000						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -	\$ 0					\$ 0
Amortization Fund		\$ -						\$ -
Other Funds	\$ 102,873	\$ 102,873						\$ -
Total	\$ 7,910,873	\$ 10,207,424	\$ 8,781,961	\$ 5,518,750	\$ -	\$ -	\$ -	\$ 14,300,711

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house	\$ 680,931	\$ 507,775			\$ -	\$ -	\$ -	\$ -
Design - other	\$ 1,016,266	\$ -	\$ 149,820	\$ 295,620				\$ 445,440
Engineering and Overhead		\$ 270,366	\$ 166,290	\$ 152,130	\$ -			\$ 318,420
Land Acquisition		\$ -						\$ -
Construction	\$ 2,701,758	\$ 9,429,283	\$ 5,543,000	\$ 5,071,000	\$ -	\$ -	\$ -	\$ 10,614,000
Other		\$ -						\$ -
Total	\$ 4,398,954	\$ 10,207,424	\$ 5,859,110	\$ 5,518,750	\$ -	\$ -	\$ -	\$ 11,377,860

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ 2,236,485	\$ 5,172,102	\$ 7,369,390	\$ 5,370,430	\$ -	\$ -	\$ -	\$ 12,739,820
Sanitary Sewers	\$ 206,686	\$ 730,724	\$ 536,426	\$ -	\$ -	\$ -	\$ -	\$ 536,426
Storm Sewers	\$ 491,043	\$ 2,846,866	\$ 506,185	\$ -	\$ -	\$ -	\$ -	\$ 506,185
Water	\$ 1,024,180	\$ 1,427,732	\$ 369,960	\$ 148,320	\$ -	\$ -	\$ -	\$ 518,280
Structures & Equip.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks	\$ 142,893	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 297,667	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,398,954	\$ 10,207,424	\$ 8,781,961	\$ 5,518,750	\$ -	\$ -	\$ -	\$ 14,300,711

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	North Avenue Paving - Mayfair Road to Menomonee River Parkway
Project No.:	1107

PROJECT DESCRIPTION

Justification:
North Avenue paving from Menomonee River Parkway to Mayfair Rd. is tentatively planned for in 2022 and 2023. Due to its width as a boulevard, the paving portion of this project alone is estimated to be approximately \$3 million. Recognizing that this is a large part of the cost of the annual paving program, this work is to be spread over two construction seasons. Coordinated with this project is the replacement of the four North Ave bridges over Menomonee River (Project 2301). We will finalize the years of construction of North Ave after the schedule for the North Ave bridge replacements is determined.

Year of Construction:	2022-2023	Expected Life of Item/Project:	40 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -					\$ -	\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -						\$ -
Total	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	North Avenue Paving - Mayfair Road to 117th Street
Project No.:	1112

PROJECT DESCRIPTION

Justification:
As part of the DOT North Leg construction, the freeway will be lowered several feet where it crosses North Ave. This freeway lowering will then cause North Ave and its utilities to also be lowered. This project is subject to future DOT budget approval, as such the year(s) of construction are yet to be finalized. We currently anticipate construction to occur in 2019. Most of the pavement will be completely reconstructed and the rest will be resurfaced.

Year of Construction: TBD Expected Life of Item/Project: 20
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 206,250	\$ 1,699,500	\$ -	\$ 1,905,750
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ 12,000	\$ 154,500	\$ -	\$ 166,500
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -		\$ 38,800	\$ 499,550			\$ 538,350
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 38,800	\$ 717,800	\$ 1,854,000	\$ -	\$ 2,610,600

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ 38,800	\$ 218,250	\$ -	\$ -	\$ 257,050
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ 14,550	\$ 54,000	\$ -	\$ 68,550
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 485,000	\$ 1,800,000	\$ -	\$ 2,285,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 38,800	\$ 717,800	\$ 1,854,000	\$ -	\$ 2,610,600

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ 206,250	\$ 1,699,500	\$ -	\$ 1,905,750
Sanitary Sewers		\$ -	\$ -	\$ 38,800	\$ 499,550	\$ -	\$ -	\$ 538,350
Storm Sewers		\$ -	\$ -	\$ -	\$ 12,000	\$ 154,500	\$ -	\$ 166,500
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 38,800	\$ 717,800	\$ 1,854,000	\$ -	\$ 2,610,600

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Reconstruct Wauwatosa Ave (STH 181) from North Ave to Center St.
Project No.:	1113

PROJECT DESCRIPTION

Justification:
This roadway was constructed in concrete in 1951 and 1966. In the mid-1980's and early 1990's it was overlaid with asphalt. The original concrete base pavement is at the end of its life and is due for replacement. As part of this project the intersection of Wauwatosa and North Ave will be studied for possible lane reconfigurations. We will be applying for DOT Connecting Highway funding to offset portions of the design and/or construction costs. Timeframe for design and construction is dependent upon DOT funding schedules. We anticipate construction to occur some time after the current 5-year CIP window. We may however incur design costs within the current 5-year CIP window pending DOT funding schedule.

Year of Construction:	TBD	Expected Life of Item/Project:	40
Request made by:	Wehrley		

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Swan Blvd Repaving and Roundabout Construction
Project No.:	1114

PROJECT DESCRIPTION

Justification:
This is a joint project with the DOT to construct a roundabout at the intersection of Swan Blvd and Discovery Parkway / FEC driveway. Swan Blvd will be repaved from the I-41 bridge to the bridge over the detention basins. The roadway will be completely reconstructed and the grade changed for the roundabout. Sidewalks will be constructed on both sides of Swan Blvd completing the missing segments. This project may be delayed if the DOT's North Leg contractor decides to use the FEC site for construction staging purposes. DOT is lead agency on design. The DOT is participating in some of the construction cost. Net city costs are shown below.

Year of Construction:	2019	Expected Life of Item/Project:	40
Request made by:	Wehrley		

SOURCE OF FUNDS SUMMARY

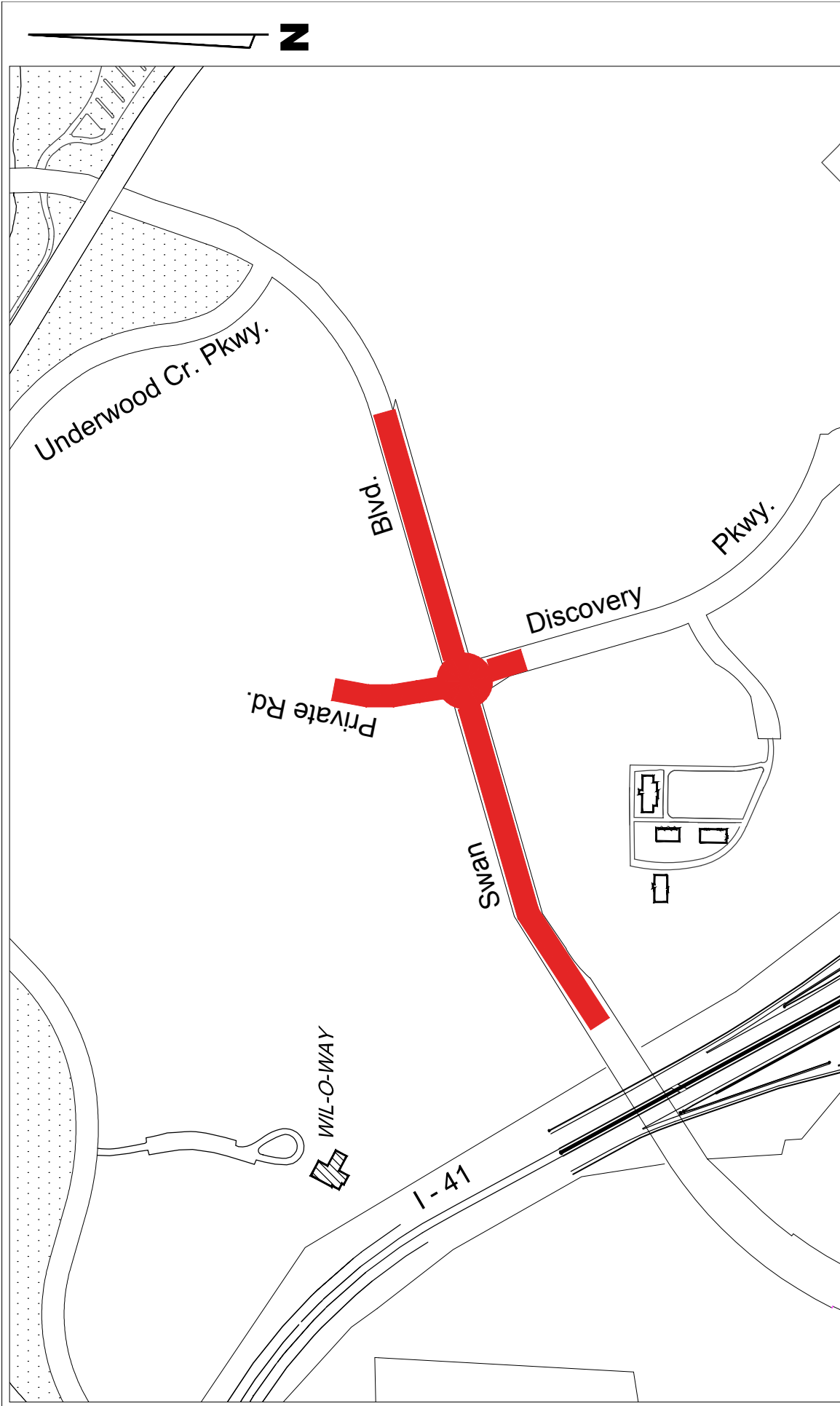
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -		\$ 324,775	\$ 2,724,350			\$ 3,049,125
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 324,775	\$ 2,724,350	\$ -	\$ -	\$ 3,049,125

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -		\$ 324,775				\$ 324,775
Engineering and Overhead		\$ -	\$ -	\$ -	\$ 79,350	\$ -	\$ -	\$ 79,350
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 2,645,000	\$ -	\$ -	\$ 2,645,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 324,775	\$ 2,724,350	\$ -	\$ -	\$ 3,049,125

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ 314,375	\$ 2,590,450	\$ -	\$ -	\$ 2,904,825
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ 10,400	\$ 133,900	\$ -	\$ -	\$ 144,300
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 324,775	\$ 2,724,350	\$ -	\$ -	\$ 3,049,125



2019 Construction Proposed Roundabout Swan Boulevard. (at Discovery Parkway)

From: Bridge SW of Underwood Creek Parkway

To: Bridge over I-41

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Pavement Repairs and Spot Improvements
Project No.:	1617

PROJECT DESCRIPTION

Justification:
 Incorporated into this annual project are funds for spot repairs to streets with failed sections of asphalt or concrete pavement that are not on the five year plan for capital improvements. The engineering for this work is done by City staff. Work includes Operation Division projects and work bid out to private contractors. The goal of the City crews is to perform at least \$80,000 of labor and materials costs to be charged to this project. Based on pilot programs and cost analysis done in 2015, the work done by City staff is very competitive with private contractors. Actual areas of work will be determined in the spring/summer of 2017.

(YTD A and YTDB just reflect prior year actual and prior year budget as this is an annual project)

Year of Construction:	2017-2021	Expected Life of Item/Project:	10 years
Request made by:			

SOURCE OF FUNDS SUMMARY

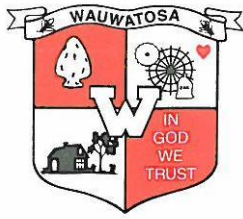
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ -	\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer	\$ -	\$ 175,300	\$ 225,600	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 1,381,000
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 175,300	\$ 225,600	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 1,381,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ 7,650	\$ 6,385	\$ 7,950	\$ 8,100	\$ 8,250	\$ 8,400	\$ 39,085
Design - other		\$ -	\$ -					\$ -
Engineering and Overhead		\$ 7,650	\$ 6,385	\$ 7,950	\$ 8,100	\$ 8,250	\$ 8,400	\$ 39,085
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ 160,000	\$ 212,830	\$ 265,000	\$ 270,000	\$ 275,000	\$ 280,000	\$ 1,302,830
Other		\$ -						\$ -
Total	\$ -	\$ 175,300	\$ 225,600	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 1,381,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation	\$ -	\$ 175,300	\$ 225,600	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 1,381,000
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ 175,300	\$ 225,600	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 1,381,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRAFFIC CONTROL

Overview: The City of Wauwatosa has 77 traffic signals to control traffic in the City. Of this number the City is responsible for 38 intersections. Of the remainder, the City of Milwaukee controls 14 signals, and DOT maintains 23 signalized intersections.

Narrative: In 2016 traffic signals were replaced at Harmonie Avenue and Menomonee River Parkway as part of the Village Redevelopment project.

Over the next two years, four different signals on State Street and signals at Harmonie Avenue and Underwood Avenue are planned for replacement as part of the Village Improvements project.

The remainder of the funds in this CIP are programmed to replace traffic signals at 68th and Wells, 68th and Wisconsin, and at 70th and Wisconsin Ave as part of planned roadwork on 68th street.

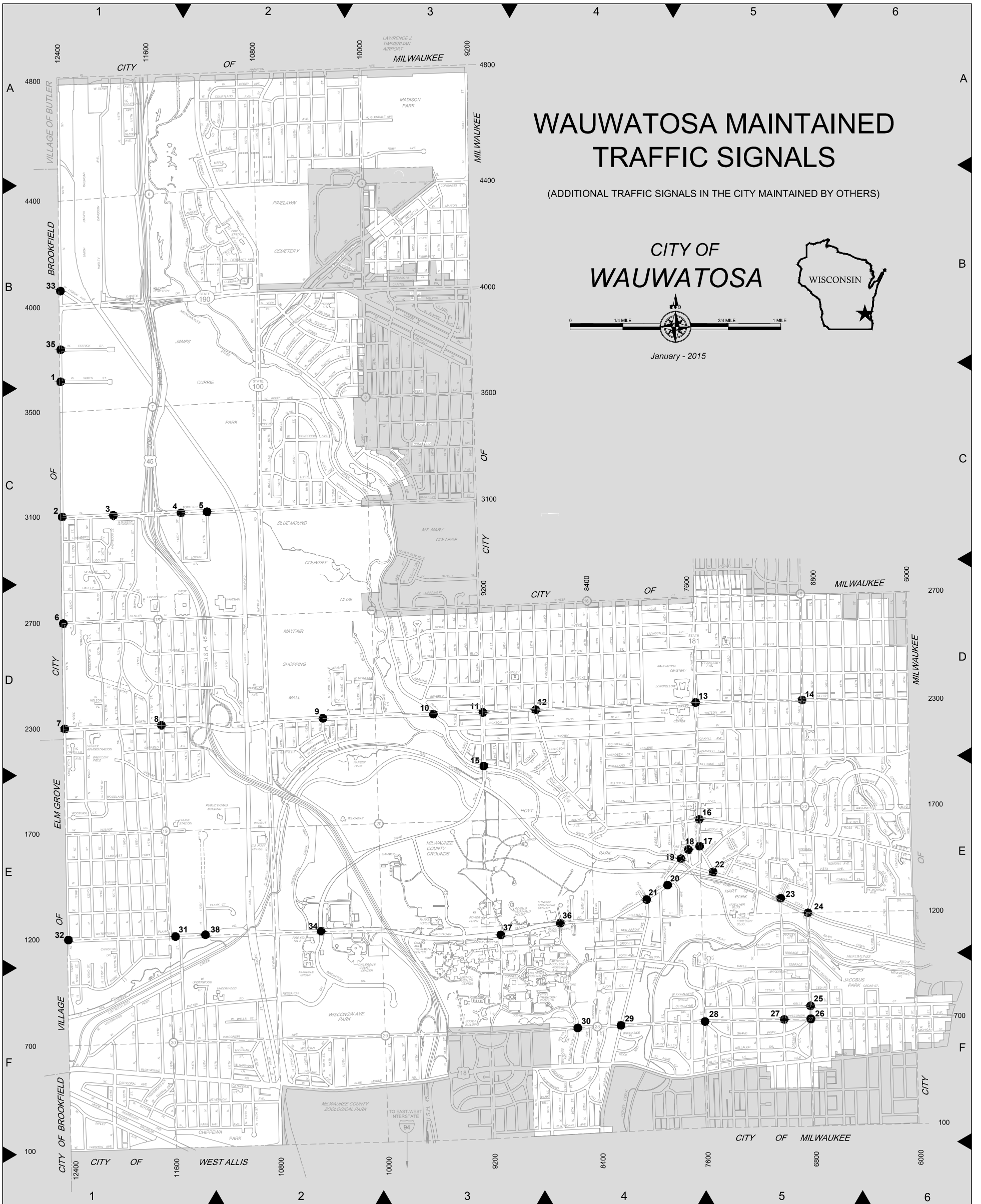
WAUWATOSA MAINTAINED TRAFFIC SIGNALS

(ADDITIONAL TRAFFIC SIGNALS IN THE CITY MAINTAINED BY OTHERS)

CITY OF
WAUWATOSA



January - 2015



- | | | |
|---|--|--|
| 1 - W. WIRTH ST & N. 124TH ST | 14 - W. NORTH AVE & N. 68TH ST | 27 - W. WISCONSIN AVE & N. 70TH ST |
| 2 - W. BURLEIGH ST & N. 124TH ST | 15 - MENOMONEE RIVER PKWY & SWAN BLVD | 28 - W. WISCONSIN AVE & N. 76TH ST |
| 3 - W. BURLEIGH ST & N. 119TH ST | 16 - WAUWATOSA AVE & MILWAUKEE AVE | 29 - W. WISCONSIN AVE & GLENVIEW AVE |
| 4 - W. BURLEIGH ST & N. 114TH ST | 17 - HARMONEE AVE & WAUWATOSA AVE | 30 - W. WISCONSIN AVE & PLEASANT VIEW ST |
| 5 - W. BURLEIGH ST & N. 112TH ST (FUTURE) | 18 - HARMONEE AVE & UNDERWOOD AVE | 31 - N. 115TH/116TH ST & WATERTOWN PLANK RD |
| 6 - N. 124TH ST & W. CENTER ST | 19 - HARMONEE AVE & MENOMONEE RIVER PKWY | 32 - WATERTOWN PLANK RD & N. 124TH ST |
| 7 - W. NORTH AVE & N. 124TH ST | 20 - HARMONEE AVE & HARWOOD AVE | 33 - N. 124TH ST & W. LISBON AVE |
| 8 - W. NORTH AVE & N. 116TH ST | 21 - HARWOOD AVE & GLENVIEW AVE | 34 - WATERTOWN PLANK RD & INNOVATION DR |
| 9 - W. NORTH AVE & N. 104TH ST | 22 - WAUWATOSA AVE & W. STATE ST | 35 - N. 124TH ST & FEERICK ST |
| 10 - W. NORTH AVE & MENOMONEE RIVER PKWY | 23 - N. 70TH ST & W. STATE ST | 36 - WATERTOWN PLANK RD & N. 87TH ST |
| 11 - W. NORTH AVE & SWAN BLVD | 24 - N. 68TH ST & W. STATE ST | 37 - WATERTOWN PLANK RD & N. 92ND ST |
| 12 - W. NORTH AVE & N. 88TH ST | 25 - W. WELLS ST & N. 68TH ST | 38 - WATERTOWN PLANK RD & N. 113TH ST (FUTURE) |
| 13 - W. NORTH AVE & WAUWATOSA AVE | 26 - W. WISCONSIN AVE & N. 68TH ST | |

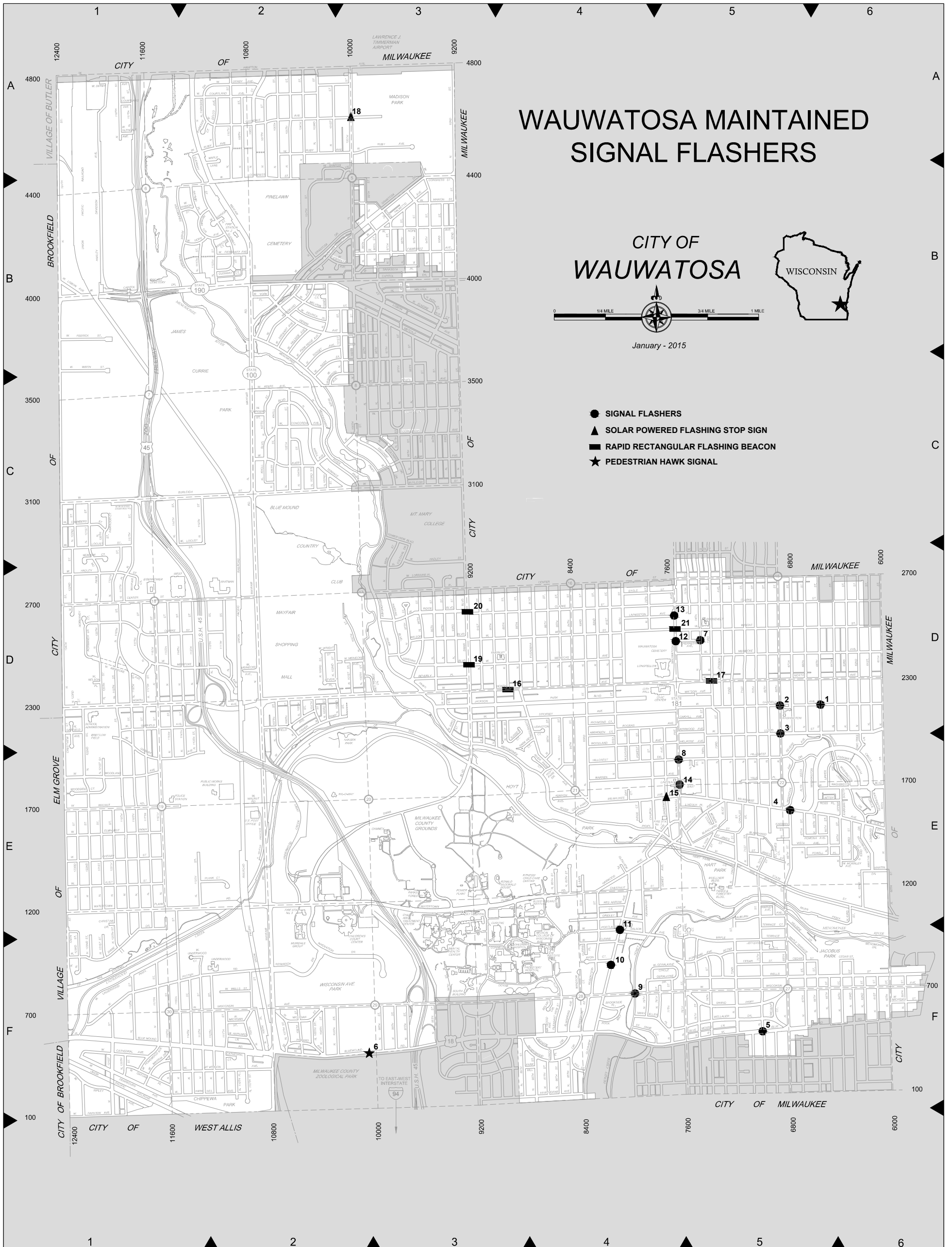
WAUWATOSA MAINTAINED SIGNAL FLASHERS

CITY OF
WAUWATOSA



January - 2015

- SIGNAL FLASHERS
- ▲ SOLAR POWERED FLASHING STOP SIGN
- RAPID RECTANGULAR FLASHING BEACON
- ★ PEDESTRIAN HAWK SIGNAL



- | | | |
|-----------------------------|---|------------------------------------|
| 1 - 65th ST & GARFIELD AVE | 8 - WAUWATOSA AVE & HILLCREST DR | 15 - MILWAUKEE AVE & UNDERWOOD AVE |
| 2 - 68th ST & GARFIELD AVE | 9 - WISCONSIN AVE & HONEY CREEK PKWY | 16 - 90th ST & NORTH AVE |
| 3 - 68th ST & LLOYD ST | 10 - GLENVIEW AVE BETWEEN ST. JUDES CT & CURRIE AVE | 17 - 73rd ST & NORTH AVE |
| 4 - 68th ST & MILWAUKEE AVE | 11 - GLENVIEW AVE BETWEEN CURRIE AVE & GRIDLEY AVE | 18 - 100th ST & GLENDALE AVE |
| 5 - 70th ST & BLUEMOUND RD | 12 - WAUWATOSA AVE & HENNESSEY AVE | 19 - SWAN BLVD & MEINECKE AVE |
| 6 - 100th ST & BLUEMOUND RD | 13 - WAUWATOSA AVE & LIVINGSTON AVE | 20 - SWAN BLVD & CLARKE ST |
| 7 - 74th ST & HENNESSEY AVE | 14 - WAUWATOSA AVE SOUTH OF WARREN AVE | 21 - WRIGHT ST & WAUWATOSA AVE |

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Signalized Intersection Improvements
Project No.:	2617

PROJECT DESCRIPTION

Justification:
There are a total of 77 signalized intersections in Wauwatosa. Of that amount, 38 signals are owned by the City of Wauwatosa. The rest of the signals are either owned and/or maintained by the City of Milwaukee or the State Dept. of Transportation. This program includes funds to replaced older installations that may or may not be part of a repaving project. In 2020 the City owned signals at 68th and Wells, 68th and Wisconsin, and 70th and Wisconsin are planned to be replaced with the 68th Street repaving contract.

Year of Construction: 2017-2021 Expected Life of Item/Project: 20 years
Request made by:

SOURCE OF FUNDS SUMMARY

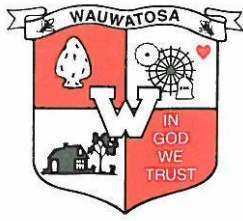
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000	\$ -	\$ 600,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000	\$ -	\$ 600,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -			\$ 200,000	\$ 400,000	\$ -	\$ 600,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000	\$ -	\$ 600,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000	\$ -	\$ 600,000
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 400,000	\$ -	\$ 600,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRANSPORTATION: STREET LIGHTING

Overview: The City of Wauwatosa maintains approximately 6,000 streetlights, and over one million feet of cable. The system is divided into 47 substations that are maintained by the Traffic and Electrical Division of the Public Works Department. An updated map depicting those substations follows this narrative.

Narrative: The street lighting system primarily consists of 30-40 year old cable with concrete poles. As the system is upgraded, new aluminum poles are being installed which should reduce long term maintenance costs. These poles have a concrete base, and so knockdowns can be repaired without resorting to digging up the old base. The aluminum poles also will not be subject to rust or corrosion by salt.

The City is currently approximately 18% converted to LED system lighting. The conversion has been shown to save energy costs.

Planned for 2017 is continuation of a major renewal of the lighting on the Village streets to be built in 2017.

It should be noted that as part of the annual street resurfacing program, it was standard procedure to upgrade lighting systems with new cables and LED lights. In order to work within budget constraints staff has now instead evaluated highest needs of the system and integrated those needs with the street resurfacing program by taking into account system conditions, street rehab technique, and neighborhood cohesiveness. The following table highlights the annual investment in streetlight upgrades that are part of the paving program.

<u>YEAR</u>	<u>INVESTMENT IN NEW LED STREETLIGHTS</u>
2017	\$380,750
2018	\$723,115
2019	\$957,635
2020	\$585,781
2021	<u>\$268,813</u>
TOTAL 5 YEAR INVESTMENT	\$2,916,094

It has been the practice for several years to budget funds for streetlight upgrades outside of paving. Those funds have been zeroed out until the out

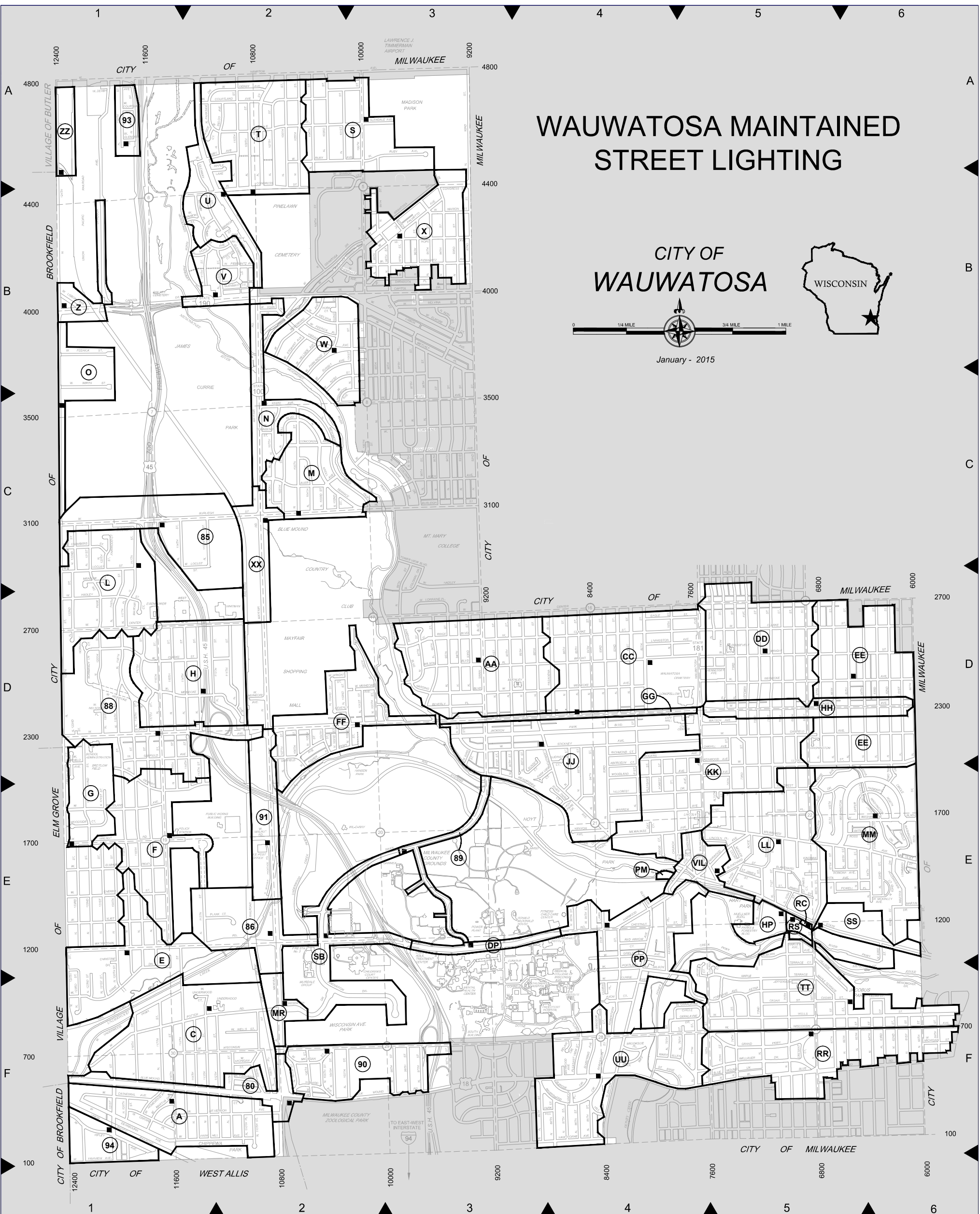
years of the CIP. This action does not represent any less re-investment in the City's lighting system than planned. The funds have been re-directed towards lighting improvements planned in the Village, and the expenses are shown in that CIP Project.

WAUWATOSA MAINTAINED STREET LIGHTING

CITY OF
WAUWATOSA



January - 2015



- | | | | |
|--|---|---|---|
| 80 - SE CORNER OF BLUEMOUND RD & MAYFAIR RD | F - NE CORNER OF 116th ST & WALNUT RD | Z - NE CORNER OF N. 124th ST & W. CAPITOL DR | MR - NE CORNER OF RESEARCH DR & MAYFAIR RD |
| 85 - SE CORNER OF BURLEIGH ST & NB HWY 45 OFF RAMP (UNDER WATER TOWER) | G - SE CORNER OF N. 124th ST & WALNUT RD | AA - NW CORNER OF SWAN BLVD & WILSON BLVD | PM - SW CORNER OF VILLAGE PEDESTRIAN BRIDGE |
| 86 - NW CORNER OF MAYFAIR RD & WATERTOWN PLANK RD | H - NE CORNER OF N. 113th ST & W. MEINECKE AVE | CC - SE CORNER OF N. 80th ST & W. WRIGHT ST | PP - NE CORNER OF WATERTOWN PLANK RD & ELM LAWN |
| 88 - WEST MEDIAN OF NORTH AVE AT N. 116th ST | L - BEHIND 2900 N. 117th ST | DD - W. WRIGHT ST BETWEEN 71st ST & 72nd ST | RC - IN HART PARK, W OF N. 68th ST & S OF RR TRACKS |
| 89 - SWAN BLVD WEST OF DISCOVERY PKWY | M - EAST MEDIAN OF W. BURLEIGH ST & N. 105th ST | DP - NE CORNER OF DISCOVERY PKWY & WATERTOWN PLANK RD | RS - IN HART PARK, E OF N. 70th ST & S OF RR TRACKS |
| 90 - SW CORNER OF N. 104th ST & WISCONSIN AVE | N - NE CORNER OF MAYFAIR RD & W. KEEFE AVE | EE - W. MEINECKE AVE BETWEEN 64th ST & 65th ST | RR - SW CORNER OF N. 68th ST & W. WISCONSIN AVE |
| 91 - SW CORNER OF MAYFAIR RD & WALNUT RD | O - 3515 N. 124th ST | FF - NORTH AVE MEDIAN BETWEEN 101st ST & 102nd ST | SB - NE CORNER OF SWAN BLVD & WATERTOWN PLANK RD |
| 93 - W. GLENDALE AVE & 4600 BLK OF N. 118th ST | S - NE CORNER OF N. 100th ST & W. GLENDALE AVE | GG - NW CORNER OF 85th ST & NORTH AVE | SS - SE CORNER OF 68th ST & STATE ST |
| 94 - NW CORNER OF W. RIPLEY AVE & N. 121st ST | T - S. SIDE OF W. CONGRESS AT N. 109th ST | HH - NW CORNER OF 67th ST & NORTH AVE | TT - N. 66th ST & CEDAR ST |
| A - IN ISLAND OF N. 116th ST & W. MARTHA DR | U - SE CORNER OF MAYFAIR RD & W. CONGRESS ST | HP - SW CORNER OF 70th ST & STATE ST SOUTH OF RR TRACKS | UU - 8400 BLK OF W. BLUEMOUND RD IN MEDIAN |
| C - 900 BLK OF N. 113th ST (N OF POTTER RD) | V - 11000 BLK OF W. CAPITOL DR | JJ - NW CORNER OF W. STICKNEY AVE & N. LUDINGTON AVE | XX - SE CORNER OF BURLEIGH ST & MAYFAIR RD |
| E - 11900 BLK OF WATERTOWN PLANK RD | W - IN ISLAND OF N. 102nd ST & W. VIENNA AVE | KK - 7621 W ROGERS AVE | ZZ - 4480 N. 124th ST |
| | X - IN ISLAND OF W. PALMETTO AVE & W. HOPE AVE | LL - SW CORNER OF N. 70th ST & W. MILWAUKEE AVE | VIL - 1400 BLK OF WAUWATOSA AVE |
| | | MM - 1715 MARTHA WASHINGTON DR | |



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRANSPORTATION: SIDEWALKS

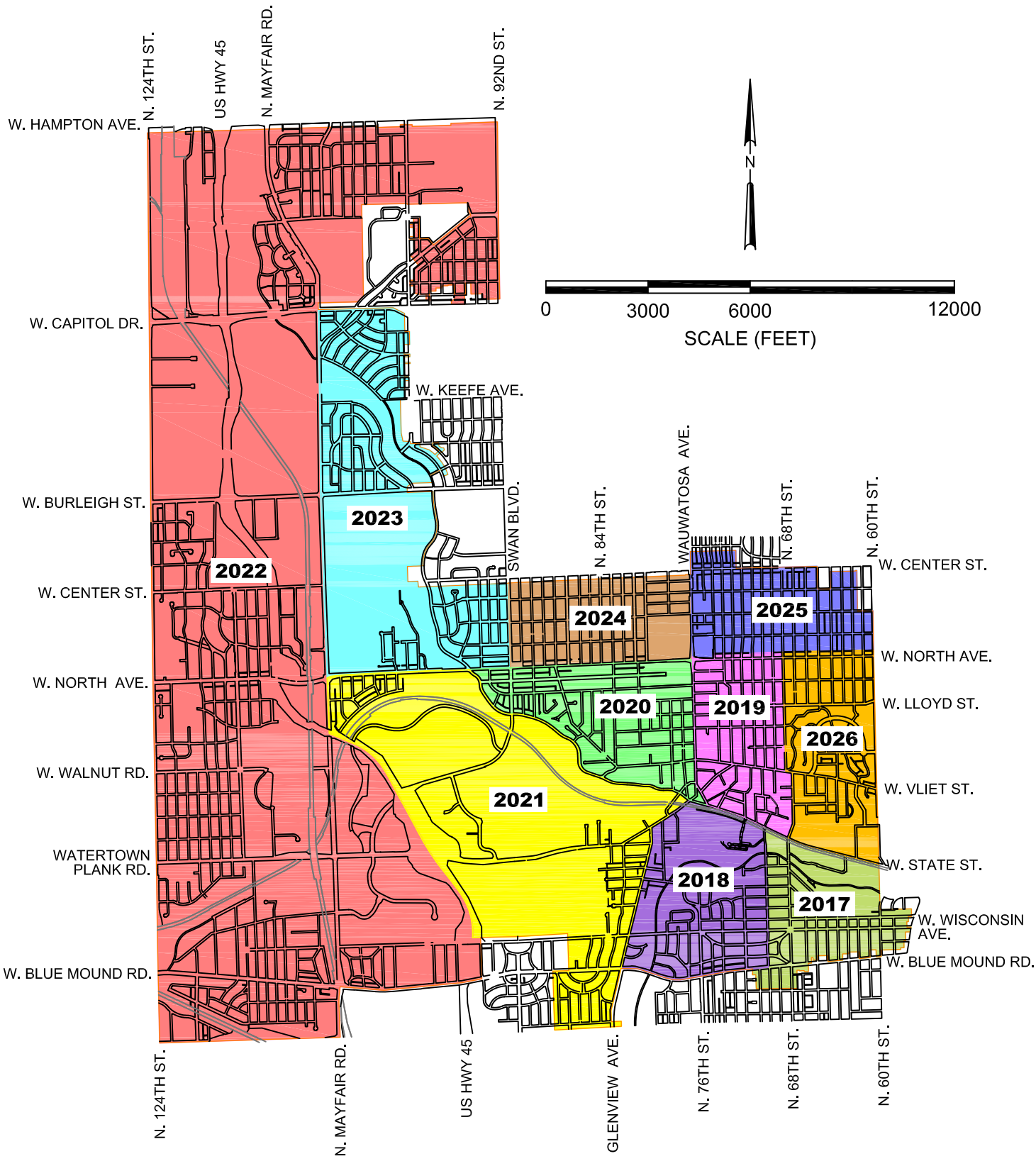
Overview: The City of Wauwatosa maintains over 5 million square feet of public sidewalk within City limits.

Narrative: Sidewalks are maintained in three different ways. First, the City Engineering Department inspects approximately one tenth of the sidewalks in the City on an annual basis. Sections of deteriorated sidewalk are noted and assembled into a list for replacement the following year. A contract is put out to bid and the City does the inspection to ensure the work is done correctly. 125% of the cost of sidewalk repairs is assessed to the property owner. The additional 25% of the actual cost compensates the City for design, inspection, and construction administration services associated with the program. The property owner has the option to pay the entire cost in one year, or to spread the cost of sidewalk replacement over 5 years.

The second manner in which sidewalks are repaired is through construction projects by outside agencies. These costs may or may not be assessed to the property owner depending on the circumstances. For example, if the sidewalk was disturbed due to installation of a utility line, these costs are not usually assigned to the resident. An example of this approach at work is the new Center Street sidewalk east and west of the bridge over US 45. As a result of ongoing discussions with the neighbors, and an opportunity to implement the recommendations of the City/School District funded School Crossing Safety Study, DOT has agreed to install this walk at City cost as part of their work. New walk west of the freeway was constructed as part of the DOT's Center Street bridge reconstruction project. Planned sidewalks east of the freeway will be constructed as part of the Zoo Interchange North Leg construction. These new sidewalks on the south side of Center Street provide a connection for students to the intersections where crossing guards are located.

The final way sidewalks are maintained is through work done on a spot basis by Public Works crews. If for example, a bad section of sidewalk was reported, and the regular program was years away, the Department may ramp the square with asphalt to eliminate the trip edge. This work is done at no cost to the resident.

Following the narrative is a map detailing the 10 year schedule for the neighborhood sidewalk program. Planned for 2017 is the southeast area of the City.



WAUWATOSA, WISCONSIN

PROPOSED SIDEWALK REPAIR PROGRAM 2017 - 2026

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Sidewalk Improvement Program
Project No.:	2017

PROJECT DESCRIPTION

Justification:
The sidewalk improvement program is an annual program in Wauwatosa. The City is divided into sections based on a ten year cycle. Engineering staff surveys the section for sidewalk defects the year preceding the work. Based on the quantities shown by the survey, a plan set is bid out for a contractor to do the work in the year planned. Cost for this work is assessed to the resident(s) who benefit from the sidewalk repairs. The map shows the planned work areas.

(YTD A and YTDB just reflect prior year actual and prior year budget as this is an annual project)

Year of Construction: 2017-2021 Expected Life of Item/Project: 40 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

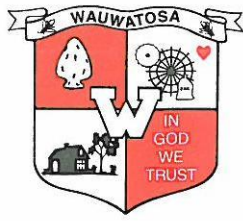
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 230,000	\$ 281,000	\$ 240,500	\$ 242,905	\$ 245,310	\$ 247,715	\$ 250,120	\$ 1,226,550
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ 200,000	\$ 409,500	\$ 413,595	\$ 417,690	\$ 421,785	\$ 425,880	\$ 2,088,450
TIF		\$ -						\$ -
General Fund Transfer		\$ 100,000						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 230,000	\$ 581,000	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 3,315,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ 92,500	\$ 125,000	\$ 126,250	\$ 127,500	\$ 128,750	\$ 130,000	\$ 637,500
Design - other		\$ -						\$ -
Engineering and Overhead		\$ 18,500	\$ 25,000	\$ 25,250	\$ 25,500	\$ 25,750	\$ 26,000	\$ 127,500
Land Acquisition		\$ -						\$ -
Construction	\$ 484,452	\$ 470,000	\$ 500,000	\$ 505,000	\$ 510,000	\$ 515,000	\$ 520,000	\$ 2,550,000
Other		\$ -						\$ -
Total	\$ 484,452	\$ 581,000	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 3,315,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation	\$ 434,605	\$ 581,000	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 3,315,000
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 49,847	\$ -						\$ -
Total	\$ 484,452	\$ 581,000	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 3,315,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRANSPORTATION: BRIDGES

Overview: According to Wisconsin Department of Transportation (DOT) records, there are a total of 65 separate structures in Wauwatosa. Of that number only 13 are owned and maintained by the City of Wauwatosa, 6 are owned by the City of Milwaukee, 7 are owned by railroads, and 39 are owned by DOT.

Narrative: Inspection of City-owned bridges is our responsibility. Inspection of the other bridges is the responsibility of the respective bridge owner.

As part of the Zoo Interchange project, it is estimated that 14 DOT bridges will be replaced. This is a significant infrastructure investment in the Wauwatosa area. In addition, the bridges and retaining walls will be improved aesthetically so that there is a coherent theme throughout the project.

In 2016 the DOT completed the replacement of the Center Street bridge over I-43. The Harmonee Bridge expansion joints were replaced. A contract for maintenance on the North Avenue bridges over the Menomonee River was awarded with work to occur in 2017.

Deferred from the 2016 is the epoxy coating of the 68th and 70th Street bridges. This will help reduce the amount of water and salt penetrating the deck causing corrosion to the steel rebar.

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Bridge Spot Repair
Project No.:	2217

PROJECT DESCRIPTION

Justification:
 DOT mandates that most bridges are inspected every two years. As a bridge condition declines, the DOT requires annual inspection. The intent of this program is to have a small amount of funds available to take care of minor maintenance issues that are found during inspections. Examples of these types of repairs are to replace expansion joints, do minor painting, spall corrections or other ancillary items. For 2017 programmed work includes placing a thin epoxy overlay on the 68th and 70th street bridges over the Menomonee River. This epoxy overlay work has been deferred a few years due to coordination with other road closure projects and staff workload.

(YTD A and YTDB just reflect prior year actual and prior year budget as this is an annual project)

Year of Construction:	2017-2021	Expected Life of Item/Project:	20 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ -	\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer	\$ -	\$ 211,000	\$ 65,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 63,105	\$ 307,104
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ 50,000					\$ 50,000
Total	\$ -	\$ 211,000	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 63,105	\$ 357,104

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house	\$ -	\$ 6,250	\$ 12,500	\$ 6,250	\$ 6,438	\$ 6,631	\$ 6,830	\$ 38,648
Design - other		\$ -						\$ -
Engineering and Overhead	\$ -	\$ 1,500	\$ 3,000	\$ 1,500	\$ 1,545	\$ 1,591	\$ 1,639	\$ 9,275
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ 203,250	\$ 100,000	\$ 50,000	\$ 51,500	\$ 53,045	\$ 54,636	\$ 309,181
Other		\$ -						\$ -
Total	\$ -	\$ 211,000	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 63,105	\$ 357,104

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation	\$ -	\$ 211,000	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 63,105	\$ 357,104
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ 211,000	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 63,105	\$ 357,104

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Reconstruct North Avenue Bridges over the Menomonee River
Project No.:	2301

PROJECT DESCRIPTION

Justification:
 There are four bridges on North Avenue over the Menomonee River. Two for eastbound North Ave and two for westbound North Ave. The bridges are in need of replacement. Replacement bridges will likely be designed to match the existing look of the current arched, stone clad, historical bridges. Design in 2017 is proposed to be funded 100% City cost. For construction, we will apply for funding thru the DOT's Local Bridge Program. This program allows for 80% State and Federal funding and 20% local funding. Construction costs shown below are only the Wauwatosa local share of the project. As part of the project, we would replace the traffic signals at North Ave and Menomonee River Parkway. Signal design and construction cost would be 100% Wauwatosa cost. Year of construction dependent upon DOT funding.

Year of Construction: 2020 Expected Life of Item/Project: 75
 Request made by: _____

SOURCE OF FUNDS SUMMARY

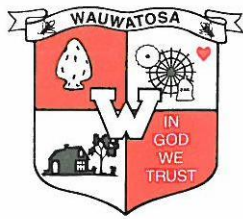
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 20,000	\$ 2,884,000		\$ 2,904,000
Total	\$ -	\$ -	\$ 950,000	\$ -	\$ 20,000	\$ 2,884,000	\$ -	\$ 3,854,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -		\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000
Design - other		\$ -	\$ 950,000					\$ 950,000
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ 84,000	\$ -	\$ 84,000
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ 2,800,000	\$ -	\$ 2,800,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 950,000	\$ -	\$ 20,000	\$ 2,884,000	\$ -	\$ 3,854,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ 950,000	\$ -	\$ -	\$ 2,626,500	\$ -	\$ 3,576,500
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ 20,000	\$ 257,500	\$ -	\$ 277,500
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 950,000	\$ -	\$ 20,000	\$ 2,884,000	\$ -	\$ 3,854,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

SANITARY SEWERS

Overview:

A continuing focus of the five year Capital Improvement Program is to undertake projects that mitigate basement flooding problems for Wauwatosa residents. Going back to storm events in 2008, 2009, and 2010, severe weather led to many basements being flooded. The capital projects in this section are geared to reduce the likelihood and severity of basement flooding during intense rain storms and reinvest in a major City asset; its sanitary sewer system.

Narrative:

Experience has shown that basement flooding is neither quick, nor cheap to remedy. The reality is that much of the sanitary sewer system in Wauwatosa is nearing the end of its useful life. Although the public portion of the system is well maintained, ongoing repairs and replacement are necessary.

Planned for 2017 are projects to be completed as part of the paving program and Phase III of the Village. Some of these Village sewers date to the initial development of the area in the nineteenth century.

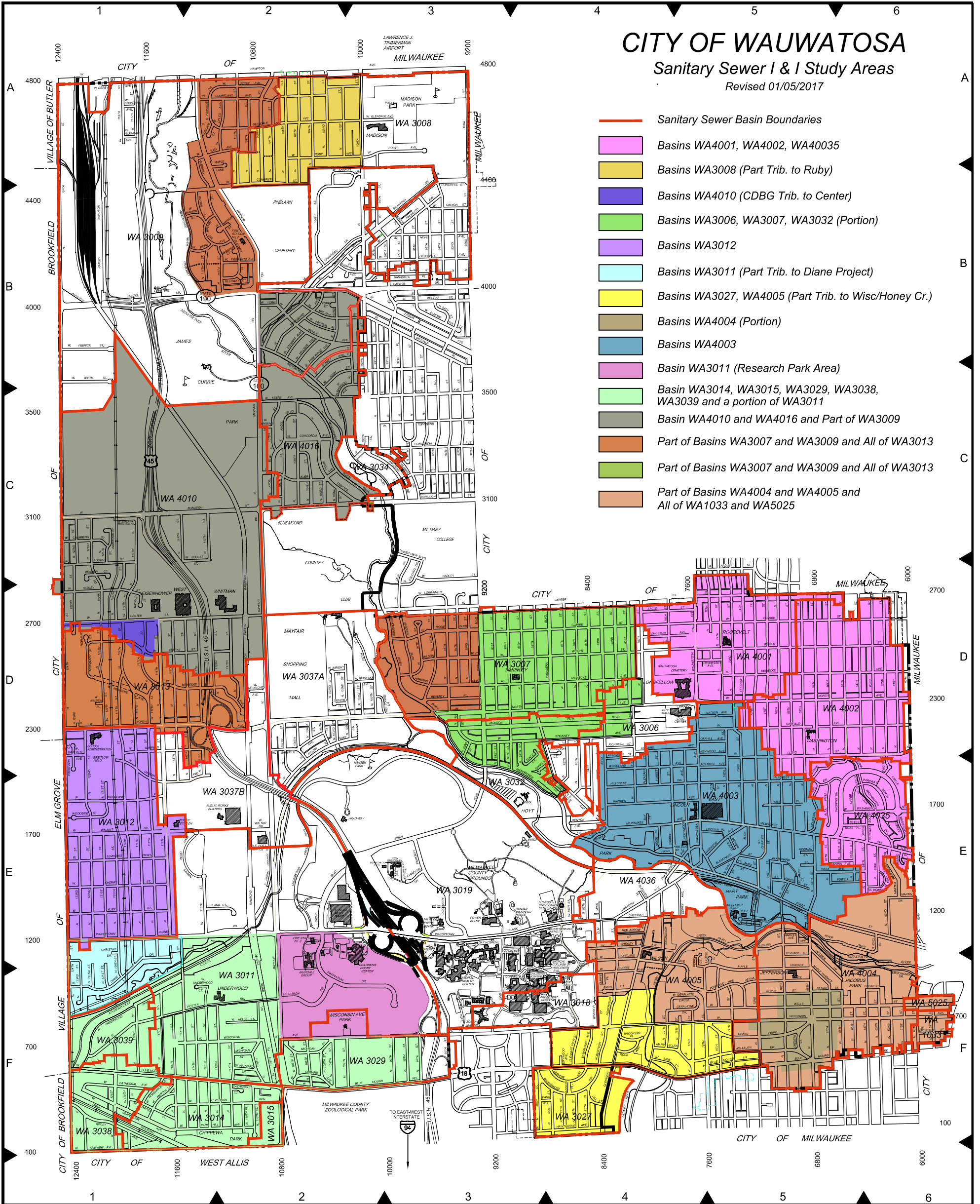
In the out years of the Capital Improvement Program, other projects include continuing to line and grout public sewers in East Tosa, and along 68th Street and Wisconsin Avenue. These basement flooding projects are in addition to the routine repairs, relining and replacement of sanitary sewers, and manholes that are done as part of the annual paving program.

We continue to seek our sources of clear water entering the sanitary sewer system with our program of televising sanitary sewers while dye water flooding adjacent storm sewers. The attached map illustrates areas of the city where this work has been completed.

CITY OF WAUWATOSA

Sanitary Sewer I & I Study Areas

Revised 01/05/2017



STREET INDEX

N. 59th St.	N. 60th St.	N. 61st St.	N. 62nd St.	N. 63rd St.	N. 64th St.	N. 65th St.	N. 66th St.	N. 67th St.	N. 68th St.	N. 69th St.	N. 70th St.	N. 71st St.	N. 72nd St.	N. 73rd St.	N. 74th St.	N. 75th St.	N. 76th St.	N. 77th St.	N. 78th St.	N. 79th St.	N. 80th St.	N. 81st St.	N. 82nd St.	N. 83rd St.	N. 84th St.	N. 85th St.	N. 86th St.	N. 87th St.	N. 88th St.	N. 89th St.	N. 90th St.	N. 91st St.	N. 92nd St.			
D-6	D-6	D-6	D-6	D-6	D-6	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5	D-5		
N. 93rd St.	N. 94th St.	N. 95th St.	N. 96th St.	N. 97th St.	N. 98th St.	N. 99th St.	N. 100th St.	N. 101st St.	N. 102nd St.	N. 103rd St.	N. 104th St.	N. 105th St.	N. 106th St.	N. 107th St.	N. 108th St.	N. 109th St.	N. 110th St.	N. 111th St.	N. 112th St.	N. 113th St.	N. 114th St.	N. 115th St.	N. 116th St.	N. 117th St.	N. 118th St.	N. 119th St.	N. 120th St.	N. 121st St.	N. 122nd St.	N. 123rd St.	N. 124th St.					
B, D3	B, D3	B, D, F3	B, D3	B, D, F3	B, F3	A, B, F3	A, C, D, F2	A, D, F2	A, C, D, F2	A, D, F2	A, C, D, F2	A, C, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2	A, D, F2				
Aberdeen Ct.	Aetna Ct.	Alice St.	Alta Vista	W. Argonne Dr.	Auburn Ave.	W. Auer Ave.	Avon Ct.	Belay Ross Pl.	Beverly Pl.	Blanchard St.	Blue Mound Ln.	Brookside Pl.	W. Burleigh Frontage Rd.	W. Bufileigh St.	W. Byron Pl.	W. Capitol Dr.	W. Cathedral Ave.	Cathedral Ct.	Cedar St.	W. Center St.	Charles Hart Pkwy.	W. Chambers St.	W. Cherry St.	Chestnut St.	Christine Dr.	Church St.	W. Clarke St.	W. Concordia Ave.	W. Congress St.	Connell Ave.	W. Courtland Ave.	Crescent Ct.	Crestview Ct.	Currie Avenue	Currie Place	
D4	D4	F5	E5	C3	E5	C2	F4	D2, 3	E5	E5	F1-6	F4	C1-3	C1-3	B3	B1, 2	F1	F1	F5	D1-6	E4	C1	E1	E1	E1	E4	A2, 3	C2	A2, 3	F3, 4	A2, 3	F5	D1	F4	F4	
Day Court	W. Dearborn Ave.	N. Delco Ave.	W. Derby Ave.	Dewey Ave.	Diane Dr.	W. Elm St.	Eagle St.	Elm Lawn	Elmhurst Pkwy.	W. Feerick St.	W. Fairview Ave.	Fairwood Ct.	W. Feerick Pl.	W. Feerick St.	W. Fibranz Ave.	W. Fisher Parkway	Forest St.	W. Garfield Ave.	Geraltine Dr.	Geraltine Dr.	W. Gilbert Ave.	Glencoe Cir	Glencoe Pl.	W. Glendale Ave.	Glenview Ave.	Glenview Pl.	Glenway Ct.	W. Gladys St.	Grand Parkway	W. Grantosa Dr.	Gridley Ave.	W. Hadley St.	N. Harding Blvd.	Harding Blvd.	Maple Lane	Harmonie Ave.
E4	F1	A2	A1, 2	E4	E, F1	E4	D4	E4	E1	F1	F1	C1	B2	B1	B2, 3	D2	D, E4	D1, 2, 5, 6	F4	F4	D, E1	F4	F4	A1-3	E, F4	E4	B2	F5	B2, 3	E4	D1	D3	D3	A, B1	E4	
Hart Park Ln.	W. Harvard La.	Harvey Ave.	Harwood Ave.	W. Hawthorne Ave.	Hennessey Ave	W. Hibbard Ave.	W. Highwood Ave.	Hill St.	Hillcrest Dr.	W. Hillside Ave.	Hillside La.	W. Homewood Ave.	Honey Creek Pkwy.	W. Hope Ave.	Hoyt Park Dr.	Innovation Dr.	Jackson Park Blvd.	Kavanaugh Pl.	Kenwood Ave.	Kenyon Ave.	Kinsman St.	N. Knoll Blvd.	N. Knoll Terrace	Laurel Ct.	Lefebvre Ave.	Lincoln Pl.	W. Lisbon Ave.	Livingston Ave.	W. Lloyd St.	W. Locust St.	W. Lombard Ct.	N. Lombard Ct.	Ludington Ave.	Ludington Ct.	Maple Lane	Maple Terrace
E5	F2	E5	E4, 5	F4	D5	F2	C2	F4	E4, 5	B2	F1	E, F4, E5	B2, 3	E4	E, F2, F3	D3, 4	C2, 3	D4	F4	E4	E5	C2	F5	D5	E5	E5	D4	D5, 6	C1, 2	E6	D1	D4	D4	A2	F5	
W. Marion St.	W. Martha Dr.	Martha Washington Dr.	Martin Dr.	Mary Ellen Pl.	Mayfair Ct.	N. Mayfair Frontage Rd.	Maywood Ave.	Maywood Ct.	W. McKinley Ave.	Meadow Ct.	W. Meinecke Ave.	Melrose Ave.	W. Melvina St.	Menomonee Dr.	Menomonee River Pkwy.	N. Menomonee River Pkwy.	Met to View Ln.	Michigan St.	Kenwood Ave.	Kenyon Ave.	Kinsman St.	N. Knoll Blvd.	N. Knoll Terrace	Laurel Ct.	Lefebvre Ave.	Lincoln Pl.	W. Lisbon Ave.	Livingston Ave.	W. Lloyd St.	W. Locust St.	W. Lombard Ct.	N. Lombard Ct.	Ludington Ave.	Ludington Ct.	Maple Lane	Maple Terrace
B2, 3	F1	E6	E6	F4	D1	E2	F4	F4	F4	C1	D1-6	E5	B2	F6	D2	C2, 3	D3	F2, 6	E4	E4	E5	F1, 2	B, C2	D1	D1	D1	D1-6	F1	B3	D1	D1	D1	F1-3, 5	B2	A2	
N. Parkside Dr.	Park View Ct.	Pasadena Blvd.	Perry Ct.	Plank Ct.	Pleasant St.	Pleasant View St.	Portland Ave.	W. Potter Rd.	Power Pl.	Ravenwood Cir.	Raymfr Cir.	Red Arrow Ct.	Research Dr.	Revere Ave.	Richmond Ct.	Ridge Blvd.	Ridge Ct.	W. Ripley Ave.	River Park Ct.	River Pkwy.	Robertson Ave.	Rockway	Rogers Ave.	Romona Ave.	W. Ruby Ave.	W. Saratoga Pl.	St. Charles St.	St. James Ct.	St. Judie Ct.	W. State St.	W. Stewart Ave.	Stickney Ave.	Sunset Ave.	Sunset Ct.		
A2	E4	D4	E2	D, E4	F4	F4	F4	F1, 2	E5, 6	F4	B2	E4	E5	E5	D4	E4	E4	E4	E5, 6	E, F4	F4	D4	E5	A2, 3	B3	E5	E4	E4	E4, 5	B2	D3, 4	B2	D3, 4			
Swan Blvd.	Terrace Ct.	W. Townsend St.	Two Tree Lane	Underwood Ave.	Underwood Ct.	W. Underwood Pkwy.	Upper Parkway North	Upper Parkway South	W. Vienna Ave.	Viata Ave.	W. Vliet St.	W. Walnut Rd.	Warren Ave.	W. Washington Blvd.	Washington Cir.	Watertown Plank Rd.	Watson Ave.	Wauwatosa Ave.	Webster Ct.	W. Wells St.	Wilson Blvd.	Windsor Ct.	W. Wirth St.	W. Wisconsin Ave.	Woodland Ave.	Woodside Ct.	W. Woodward Ave.	W. Wright St.	Yale Pl.	York Ct.	W. York Pl.					
D, E3	F5	C2	E6	E4	F1	F1	E5, 6	E6	E5, 6	E1	E1, 2	E4	E5, 6	E5, 6	E1-4	D5	D5	D, E5	F5	F2, 5, 6	D3	B1	F1-6	E1, 4	E1	E2	D2-6	E5	B2	B2						

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Tosa East Utility Improvements and Flood Relief
Project No.:	3005

PROJECT DESCRIPTION

Justification:
The Southeastern Wisconsin Regional Planning Commission (SEWRPC) has been retained by MMSD to study stormwater flooding in East Tosa. Results of the study will be presented to the public in 2017. Following the public information meetings, the Council will decide as to how we wish to proceed regarding stormwater flooding. The decision on addressing stormwater flooding will play a role in deciding how we approach addressing basement backup flooding. The costs below are placeholders as the solution(s) have not been selected yet. Funding for solutions will likely entail many years of construction beyond this 5-year window. Since it will likely be many years before a pipe solution could bring relief to these homes, a small amount of funds may be spent to reduce stormwater flood damages in susceptible areas could go a long way towards reducing risks and anxiety for these homeowners. Further quantifying the effectiveness of the sanitary lateral grouting program will occur when we get sufficient amounts of rainfall to re-calibrate the post-grouting sanitary sewer model.

Year of Construction:	2017-TBD	Expected Life of Item/Project:	72 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San	\$ 1,120,000	\$ 2,230,000	\$ 80,000	\$ 1,110,000	\$ 1,330,000	\$ 1,330,000	\$ 2,360,000	\$ 6,210,000
Rate-backed Bonds- Storm		\$ -	\$ 160,000	\$ 665,000	\$ 1,004,000	\$ 1,467,500	\$ 1,287,500	\$ 4,584,000
Rate-backed Bonds - Water		\$ -	\$ 80,000	\$ 1,118,000	\$ 1,221,000	\$ 1,229,000	\$ 1,339,000	\$ 4,987,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 1,120,000	\$ 2,230,000	\$ 320,000	\$ 2,893,000	\$ 3,555,000	\$ 4,026,500	\$ 4,986,500	\$ 15,781,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 80,000						\$ -
Design - other		\$ 120,000	\$ 320,000	\$ 318,000	\$ 568,000	\$ 576,000	\$ 300,000	\$ 2,082,000
Engineering and Overhead		\$ 30,000	\$ -	\$ 75,000	\$ 87,000	\$ 100,500	\$ 136,500	\$ 399,000
Land Acquisition		\$ -						\$ -
Construction	\$ 678,762	\$ 2,000,000	\$ -	\$ 2,500,000	\$ 2,900,000	\$ 3,350,000	\$ 4,550,000	\$ 13,300,000
Other		\$ -						\$ -
Total	\$ 678,762	\$ 2,230,000	\$ 320,000	\$ 2,893,000	\$ 3,555,000	\$ 4,026,500	\$ 4,986,500	\$ 15,781,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 674,519	\$ 2,150,000	\$ 80,000	\$ 1,110,000	\$ 1,330,000	\$ 1,330,000	\$ 2,360,000	\$ 6,210,000
Storm Sewers	\$ 550	\$ 80,000	\$ 160,000	\$ 665,000	\$ 1,004,000	\$ 1,467,500	\$ 1,287,500	\$ 4,584,000
Water		\$ -	\$ 80,000	\$ 1,118,000	\$ 1,221,000	\$ 1,229,000	\$ 1,339,000	\$ 4,987,000
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 3,694	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 678,762	\$ 2,230,000	\$ 320,000	\$ 2,893,000	\$ 3,555,000	\$ 4,026,500	\$ 4,986,500	\$ 15,781,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	City Hall South Sanitary Sewer Improvements
Project No.:	3006

PROJECT DESCRIPTION

Justification:
 In 2014 and into 2015, the Milwaukee Ave project installed a new storm sewer outfall to the Menomonee river at the base of Church Street. The diversion of this stormwater from its old path down Underwood Ave to the river provides significant relief to the businesses and residents in this area. The next phase is to extend the relief storm sewer upstream further into the neighborhood to capture stormwater runoff thereby reducing street flooding. As this project will install large diameter pipes under the roadway, replacements to the other utilities and pavement will also be part of this project. Design work is expected to begin in 2017 with phased construction to begin in 2018.

Year of Construction:	2018-2021	Expected Life of Item/Project:	72 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San	\$ 80,000	\$ 80,000	\$ 80,000	\$ 1,030,000	\$ -	\$ 60,000	\$ 772,500	\$ 1,942,500
Rate-backed Bonds- Storm	\$ 240,000	\$ 240,000	\$ 240,000	\$ 3,090,000	\$ -	\$ 60,000	\$ 772,500	\$ 4,162,500
Rate-backed Bonds - Water		\$ 64,960	\$ 64,960	\$ 836,360	\$ -	\$ -	\$ -	\$ 901,320
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 320,000	\$ 384,960	\$ 384,960	\$ 4,956,360	\$ -	\$ 120,000	\$ 1,545,000	\$ 7,006,320

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 384,960	\$ 384,960	\$ -	\$ -	\$ 120,000	\$ -	\$ 504,960
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ 144,360	\$ -	\$ -	\$ 45,000	\$ 189,360
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ 4,812,000	\$ -	\$ -	\$ 1,500,000	\$ 6,312,000
Other		\$ -						\$ -
Total	\$ -	\$ 384,960	\$ 384,960	\$ 4,956,360	\$ -	\$ 120,000	\$ 1,545,000	\$ 7,006,320

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ 80,000	\$ 80,000	\$ 1,030,000	\$ -	\$ 60,000	\$ 772,500	\$ 1,942,500
Storm Sewers		\$ 240,000	\$ 240,000	\$ 3,090,000	\$ -	\$ 60,000	\$ 772,500	\$ 4,162,500
Water		\$ 64,960	\$ 64,960	\$ 836,360	\$ -	\$ -	\$ -	\$ 901,320
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 1,729	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,729	\$ 384,960	\$ 384,960	\$ 4,956,360	\$ -	\$ 120,000	\$ 1,545,000	\$ 7,006,320

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	68th and Wisconsin Ave Sanitary Improvements
Project No.:	3007

PROJECT DESCRIPTION

Justification:

This area of Wauwatosa has experienced some basement flooding during extreme rain events. Funds for this project will address sewer capacity and tighten up leaks to reduce I/I into the sanitary sewer system. Design is anticipated to occur in 2018, with construction scheduled for 2019, prior to the repaving of 68th Street in 2020.

Year of Construction: 2019 Expected Life of Item/Project: 72 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San	\$ -	\$ -	\$ -	\$ 80,000	\$ 1,030,000	\$ -	\$ -	\$ 1,110,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ 1,030,000	\$ -	\$ -	\$ 1,110,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -		\$ 80,000				\$ 80,000
Design - other	\$ -	\$ -						\$ -
Engineering and Overhead		\$ -		\$ -	\$ 30,000			\$ 30,000
Land Acquisition		\$ -						\$ -
Construction		\$ -		\$ -	\$ 1,000,000			\$ 1,000,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ 1,030,000	\$ -	\$ -	\$ 1,110,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers	\$ -	\$ -	\$ -	\$ 80,000	\$ 1,030,000			\$ 1,110,000
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ 1,030,000	\$ -	\$ -	\$ 1,110,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Underwood Creek South Sanitary Improvements
Project No.:	3008

PROJECT DESCRIPTION

Justification:
Investigations of the sanitary sewers in this area have been completed. Identification of necessary repairs/replacements will occur in 2019 with construction anticipated over several of the following years. We anticipate repaving of many of these streets beyond the current 5-year CIP window

Year of Construction: 2020-beyond Expected Life of Item/Project: 72 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 738,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 738,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000	\$ 24,000	\$ 72,000
Design - other		\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000	\$ 48,000
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000	\$ 18,000
Land Acquisition		\$ -						\$ -
Construction	\$ 1,104	\$ -	\$ -	\$ -		\$ 300,000	\$ 300,000	\$ 600,000
Other		\$ -						\$ -
Total	\$ 1,104	\$ -	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 738,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 1,104	\$ -	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 738,000
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,104	\$ -	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 738,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Sanitary Lining Independent of Paving
Project No.:	3100

PROJECT DESCRIPTION

Justification:
The intent of this program is to line and repair sanitary sewers in locations that are outside the paving program where spot repairs and relining will bring the system back to a State of Good Repair. These locations will be determined by the Engineering staff and contracts will be let for this work in 2019-2021.

Year of Construction: 2019-2021 Expected Life of Item/Project: 72 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ 210,900	\$ 555,000	\$ 555,000	\$ 1,320,900
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 210,900	\$ 555,000	\$ 555,000	\$ 1,320,900

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -	\$ -	\$ -	\$ 15,200	\$ 40,000	\$ 40,000	\$ 95,200
Engineering and Overhead		\$ -	\$ -	\$ -	\$ 5,700	\$ 15,000	\$ 15,000	\$ 35,700
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ 190,000	\$ 500,000	\$ 500,000	\$ 1,190,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 210,900	\$ 555,000	\$ 555,000	\$ 1,320,900

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ 210,900	\$ 555,000	\$ 555,000	\$ 1,320,900
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 210,900	\$ 555,000	\$ 555,000	\$ 1,320,900

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Burleigh Corridor Sanitary Sewer Improvements
Project No.:	3101

PROJECT DESCRIPTION

Justification:
MMSD has identified sanitary sewersheds WA4010 and WA4016 as part of an area that has wet weather sanitary sewer flows above the performance limit established by their rules. As such, we are obligated to reduce wet weather flows. This project will line or replace City-owned sanitary sewers and grout lateral connections. Costs below include lining and reconstruction of sewers and manholes. Funds for the lateral grouting are included in the sanitary sewer operating budget.

Year of Construction: 2017-2018 Expected Life of Item/Project: 50 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ 2,060,000	\$ -	\$ -	\$ -	\$ -	\$ 2,060,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 2,060,000	\$ -	\$ -	\$ -	\$ -	\$ 2,060,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 2,060,000	\$ -	\$ -	\$ -	\$ -	\$ 2,060,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ 2,060,000	\$ -	\$ -	\$ -	\$ -	\$ 2,060,000
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 2,060,000	\$ -	\$ -	\$ -	\$ -	\$ 2,060,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Sanitary Sewer Spot Improvements
Project No.:	3017

PROJECT DESCRIPTION

Justification:
During the course of a year, sink holes develop on the street or review of television tapes highlight area of concern in the City's sewer system. Often these problems are of such a nature that repairs must be done on an emergency basis. This account will provide funds to pay for the repairs.

Year of Construction: 2017-2021 Expected Life of Item/Project: 72 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

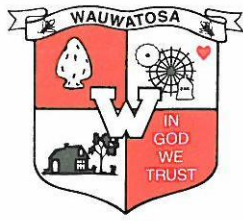
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -					\$ -	\$ -
Rate-backed Bonds- San	\$ 25,000	\$ 51,500	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 266,957
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 25,000	\$ 51,500	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 266,957

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,545	\$ 1,591	\$ 1,639	\$ 7,775
Land Acquisition		\$ -						\$ -
Construction	\$ 7,145	\$ 50,000	\$ 50,000	\$ 50,000	\$ 51,500	\$ 53,045	\$ 54,636	\$ 259,181
Other		\$ -						\$ -
Total	\$ 7,145	\$ 51,500	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 266,957

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 1,525	\$ 51,500	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 266,957
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 5,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 7,145	\$ 51,500	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 266,957



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

STORM SEWERS

Overview:

While the past several years have not had major rain events that have lead to flooding issues, we continue to make efforts to install relief sewers, or upsize the area storm sewers to increase the level of protection for residents. Much work remains to be done to address all such areas of the City, as well as to maintain the existing storm sewer network.

Narrative:

Currently under construction is the joint Corps of Engineers/MMSD project to remove the concrete channel and restore a natural flow to Underwood Creek from 106th Street downstream to the Menomonee River. This project will enhance habitat and provide for the safe conveyance of flood flows.

Schoonmaker Creek watershed study by SEWRPC is still underway with a public participation meeting anticipated for early 2017.

Major storm sewer upgrades continue in the Village in 2017. A new large diameter storm sewer connecting State Street to the river is under construction. This sewer will convey stormwater from Wauwatosa Ave and State Street, under the railroad tracks to a new outfall to the Menomonee River in Hart Park.

In the out years of the Capital Improvement Program are a continuation of the East Tosa / Schoonmaker Creek work, and the installation of a new outlet for storm water on Hillside Lane. Additionally, storm sewer maintenance issues, some requiring repairs or relining, as determined by video inspections, are performed as part of the annual street repaving program.

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Hillside Lane Area Storm and Sanitary Improvements
Project No.:	4004

PROJECT DESCRIPTION

Justification:
 Inspection of the City's storm sewer has shown that there is severe root intrusion in the storm sewer, which has contributed to street flooding on Hillside Lane. The storm sewer will be replaced from Hillside Lane to the Menomonee River. There is a capacity issue in the sanitary sewer system that also needs to be addressed. Construction has been scheduled to 2018.

Year of Construction: 2018 Expected Life of Item/Project: 72 years
 Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -	\$ 39,600	\$ 509,850	\$ -			\$ 549,450
Rate-backed Bonds- Storm		\$ -	\$ 20,400	\$ 262,650	\$ -			\$ 283,050
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 60,000	\$ 772,500	\$ -	\$ -	\$ -	\$ 832,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ 60,000	\$ -				\$ 60,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ 22,500	\$ -	\$ -	\$ -	\$ 22,500
Land Acquisition		\$ -						\$ -
Construction	\$ 2,814	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000
Other		\$ -						\$ -
Total	\$ 2,814	\$ -	\$ 60,000	\$ 772,500	\$ -	\$ -	\$ -	\$ 832,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -	\$ 39,600	\$ 509,850	\$ -	\$ -	\$ -	\$ 549,450
Storm Sewers	\$ 2,814	\$ -	\$ 20,400	\$ 262,650	\$ -	\$ -	\$ -	\$ 283,050
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 2,814	\$ -	\$ 60,000	\$ 772,500	\$ -	\$ -	\$ -	\$ 832,500

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: Storm Sewer Spot Improvements
Project No.: 4017

PROJECT DESCRIPTION

Justification:

The purpose of this CIP is to have funds available to make repairs to problematic storm sewers that are discovered during the year or on a specific construction project that was unanticipated when the project was put out for bids. While every effort is made to minimize emergency work, it is sometimes unavoidable.

Year of Construction: 2017-2021 Expected Life of Item/Project: 72 years
Request made by:

SOURCE OF FUNDS SUMMARY

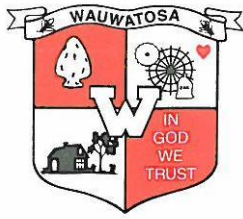
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm	\$ -	\$ 2,247	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 575,383
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 2,247	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 575,383

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ 2,247	\$ 8,000	\$ 8,000	\$ 8,240	\$ 8,487	\$ 8,742	\$ 41,469
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 3,000	\$ 3,000	\$ 3,090	\$ 3,183	\$ 3,278	\$ 15,551
Land Acquisition		\$ -						\$ -
Construction	\$ 2,388	\$ -	\$ 100,000	\$ 100,000	\$ 103,000	\$ 106,090	\$ 109,273	\$ 518,363
Other		\$ -						\$ -
Total	\$ 2,388	\$ 2,247	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 575,383

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers	\$ 678	\$ 678	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 575,383
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 1,711	\$ 1,569						\$ -
Total	\$ 2,388	\$ 2,247	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 575,383



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

WATER UTILITY

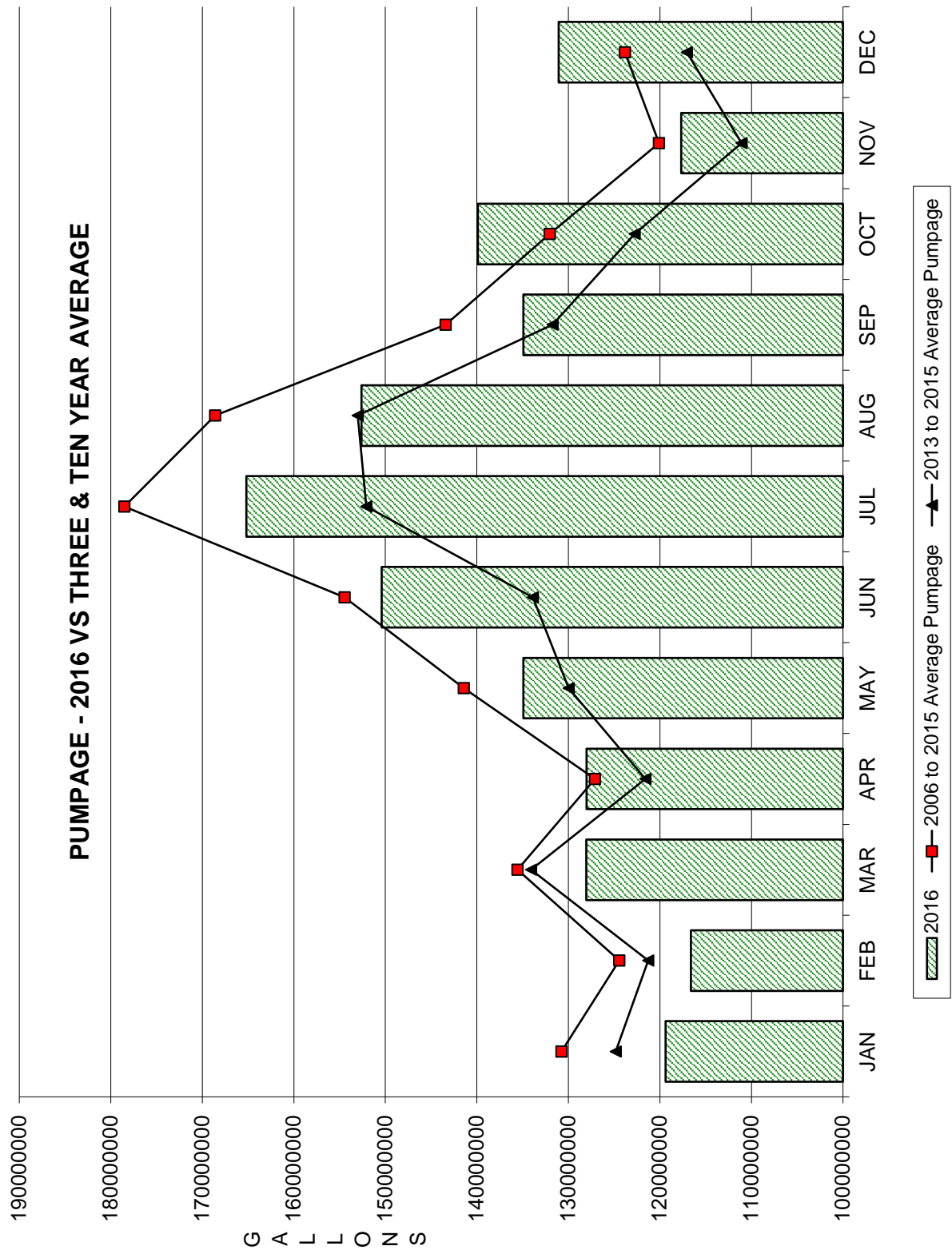
Overview: The Wauwatosa Water Utility is comprised of over 202 miles of main, three primary pumping stations, seven water storage reservoirs, 15,507 service laterals, 5,458 valves, and 2,232 fire hydrants.

Utility rates are regulated by the Public Service Commission of Wisconsin. Revenue must support the daily field operations, business office administration, capital improvements and debt service of the utility.

The 2017 – 2021 Capital Improvement Program (CIP) targets water main replacements associated with City paving projects and the Zoo Freeway construction schedule established by the Wisconsin Department of Transportation (WisDOT). Water main replacements outside of paving projects are scheduled pending available funding.

Narrative: The CIP includes the financial strategy for future water meter upgrades with the installation of Automatic Metering Infrastructure (AMI). With the average daily pumpage continuing to decline (see following chart), accurate recording and billing of every gallon used is vital to the long term fiscal health of the utility. The AMI initiative will be completed in all residential homes in 2017 with only some commercial meters left to complete in 2018.

Also included in the CIP is updates the controls, electronics, and pumps at the Potter and 64th Street pumping stations with more minor changes at the Blanchard station. As a first step the City will utilize a consultant to evaluate the condition of all three pump stations to prioritize a replacement schedule. Also included will be the installation or replacement of generators at all pumping stations.



**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Renovate Blanchard Pumping Station
Project No.:	5002

PROJECT DESCRIPTION

Justification:
The painted exterior surface of the Blanchard Street Pumping Station is beginning to flake away from the brick surface on the building. The roof has also began to leak and it appears to be past its useful life. Bid roof work as a priority and scrape and paint the exterior of the building.

Year of Construction: 2017-2018 Expected Life of Item/Project: 20 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -		\$ -	\$ -			\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -		\$ 45,000				\$ 45,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 45,000	\$ -			\$ 45,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
0		\$ -						\$ -
Water		\$ -		\$ 45,000	\$ -			\$ 45,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Automatic Meter Reading
Project No.:	5003

PROJECT DESCRIPTION

Justification:
Due to the fact that Badger Meter has ceased production of the Remote Outside Meter (ROM), the water utility needs a solution to accurately measure water consumption for billing purposes and improving cash flow. The ROM's have a tendency to lag behind the actual water meter thereby reducing the revenue the utility collects. In the worst case, ROM's may stop, showing no consumption at a property. The upgrade also will reduce labor hours associated with meter reading, replacement and help to resolve problems related to ROM's. Upgraded software will dramatically improve the services we are able to provide our customers who have water consumption or billing questions. The 2017 budget should allow for completion of all remaining residential meters and the majority of the commercial meters.

Year of Construction: 2017 Expected Life of Item/Project: 20 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ 2,250,000	\$ 750,000	\$ -				\$ 750,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 2,250,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ 1,834,515	\$ 2,250,000	\$ 750,000	\$ -				\$ 750,000
Other		\$ -						\$ -
Total	\$ 1,834,515	\$ 2,250,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water	\$ 1,834,515	\$ 2,250,000	\$ 750,000	\$ -				\$ 750,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 1,834,515	\$ 2,250,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Potter Rd. Generator
Project No.:	5004

PROJECT DESCRIPTION

Justification:
Funds are included to replace an antiquated 1980 Marathon Generator that has a manual transfer switch with a new generator and an automatic transfer switch. We will investigate utilizing a natural gas generator if the loading allows. The design will be predicated on the design of the control upgrades that will be taking place with the motor control center upgrades at the Potter and 64th Street stations.

Year of Construction: 2017 Expected Life of Item/Project: 20 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -	\$ 180,000					\$ 180,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 180,000					\$ 180,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ 180,000					\$ 180,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Trenchless Water Main Rehabilitation
Project No.:	5010

PROJECT DESCRIPTION

Justification:
In significant sections of the City of Wauwatosa, the water mains were installed in easements in the rear yards of homes. Over 30,000 feet of back yard water mains date from 1919 to the 1930's. As such they are nearly at the end of their useful life. Water Utility staff has been looking at options for relining these mains in lieu of replacing them. This action was timely as there were a series of breaks on a rear yard main in 2012 that led Utility Staff to recommend relining of this main on an emergency basis. Shown below are the proposed expenditures for the lining of rear yard mains in easements over the next five year period.

Year of Construction: 2017-2020 Expected Life of Item/Project: 50 years
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ 1,774,000	\$ -	\$ -	\$ 1,332,000	\$ 1,332,000	\$ 1,443,000	\$ 4,107,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 1,774,000	\$ -	\$ -	\$ 1,332,000	\$ 1,332,000	\$ 1,443,000	\$ 4,107,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other	\$ -	\$ 66,000	\$ -	\$ -	\$ 96,000	\$ 96,000	\$ 104,000	\$ 296,000
Engineering and Overhead		\$ 33,000	\$ -	\$ -	\$ 36,000	\$ 36,000	\$ 39,000	\$ 111,000
Land Acquisition		\$ -						\$ -
Construction	\$ 1,368,634	\$ 1,675,000	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	\$ 1,300,000	\$ 3,700,000
Other		\$ -						\$ -
Total	\$ 1,368,634	\$ 1,774,000	\$ -	\$ -	\$ 1,332,000	\$ 1,332,000	\$ 1,443,000	\$ 4,107,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water	\$ 1,368,634	\$ 1,774,000	\$ -	\$ -	\$ 1,332,000	\$ 1,332,000	\$ 1,443,000	\$ 4,107,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 1,368,634	\$ 1,774,000	\$ -	\$ -	\$ 1,332,000	\$ 1,332,000	\$ 1,443,000	\$ 4,107,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	2017 Water Main Replacements
Project No.:	5017

PROJECT DESCRIPTION

Justification:
Water main replacements independent of paving projects. Funds are included recognizing the unanticipated expenses incurred in 2016 to replace a 12" water main under river at N 72nd St and Honey Creek Parkway that ruptured and required an emergency repair.

Year of Construction: 2017 Expected Life of Item/Project: _____
Request made by: Wojcechowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other	\$ -	\$ -	\$ 21,622	\$ -	\$ -	\$ -	\$ -	\$ 21,622
Engineering and Overhead		\$ -	\$ 8,108	\$ -	\$ -	\$ -	\$ -	\$ 8,108
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 270,270	\$ -	\$ -	\$ -	\$ -	\$ 270,270
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Paint Potter Road Reservoir
Project No.:	5100

PROJECT DESCRIPTION

Justification:
The ground level storage tank on Potter Road near Underwood School will be painted as part of this project.

Year of Construction: 2020 Expected Life of Item/Project: 40 years
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -	\$ -					\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -				\$ 650,000		\$ 650,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -			\$ 650,000		\$ 650,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ -			\$ 650,000		\$ 650,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Install Blanchard Pumping Station Generator
Project No.:	5101

PROJECT DESCRIPTION

Justification:
The Blanchard Pumping Station currently has no back up power source. In order to improve reliabilty of the system a natural gas generator will be installed that will enable this station to run during power failures.

Year of Construction: 2017 Expected Life of Item/Project: 20 years
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -	\$ 220,000					\$ 220,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ 220,000					\$ 220,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ 220,000					\$ 220,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	64th Street Pumping Station Generator
Project No.:	5102

PROJECT DESCRIPTION

Justification:
Funds are budgeted in 2018 for replacing a 1999 emergency generator that is requiring maintenance beyond expected maintenance levels.

Year of Construction: 2018 Expected Life of Item/Project: 20 years
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -		\$ 200,000				\$ 200,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -		\$ 200,000				\$ 200,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -		\$ 200,000				\$ 200,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Potter Road and N 64th Street Motor Control Center
Project No.:	5103

PROJECT DESCRIPTION

Justification:
Electrical engineering design and panel upgrades for Potter Road and N 64th Street motor control center and potential pump replacements. The equipment and pumps are original to the buildings and have experienced failures that indicate it is critical that these upgrades occur soon.

Year of Construction: 2017-2018 Expected Life of Item/Project: _____
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ -	\$ 120,000	\$ 1,350,000	\$ -	\$ -	\$ -	\$ 1,470,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 120,000	\$ 1,350,000	\$ -	\$ -	\$ -	\$ 1,470,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other	\$ -	\$ -	\$ 8,649	\$ 97,297	\$ -	\$ -	\$ -	\$ 105,946
Engineering and Overhead		\$ -	\$ 3,243	\$ 36,486	\$ -	\$ -	\$ -	\$ 39,730
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 108,108	\$ 1,216,216	\$ -	\$ -	\$ -	\$ 1,324,324
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 120,000	\$ 1,350,000	\$ -	\$ -	\$ -	\$ 1,470,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ 120,000	\$ 1,350,000	\$ -	\$ -	\$ -	\$ 1,470,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 120,000	\$ 1,350,000	\$ -	\$ -	\$ -	\$ 1,470,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: Electrical Panel Upgrades
Project No.: 5104

PROJECT DESCRIPTION

Justification: Electrical Panel Upgrades- In coordination with the Potter Road and N 64th Street Motor Control Center Replacements, Electrical Panels will need to be upgraded. This will likely include automatic transfer switch upgrades as well as replacement of the main and/or secondary breaker panels. This equipment is well past its useful life with some being greater than 50 years old.

Year of Construction: 2018 Expected Life of Item/Project: _____
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other	\$ -	\$ -	\$ -	\$ 5,766	\$ -	\$ -	\$ -	\$ 5,766
Engineering and Overhead		\$ -	\$ -	\$ 2,162	\$ -	\$ -	\$ -	\$ 2,162
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ 72,072	\$ -	\$ -	\$ -	\$ 72,072
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Supervisory Control and Data Acquisition Upgrade
Project No.:	5105

PROJECT DESCRIPTION

Justification: Supervisory Control and Data Acquisition Upgrade- The Water Department's Supervisory Control and Data Acquisition (SCADA) system is nearing the end of its useful life. The SCADA system monitors all critical elements of the City's water distribution system. Each booster station and water storage tank (elevated or ground) have multiple monitoring points that report existing conditions as well as sound an alarm when equipment failures are detected. This system is critical to the stability of the water system, therefore, must be replaced now as the SCADA system is at the end of its useful life.

Year of Construction: 2018 Expected Life of Item/Project: _____
Request made by: Wojcehowicz

SOURCE OF FUNDS SUMMARY

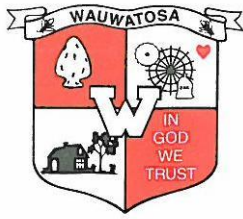
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other	\$ -	\$ -	\$ -	\$ 12,613	\$ -	\$ -	\$ -	\$ 12,613
Engineering and Overhead		\$ -	\$ -	\$ 4,730	\$ -	\$ -	\$ -	\$ 4,730
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ 157,658	\$ -	\$ -	\$ -	\$ 157,658
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

STRUCTURES & EQUIPMENT

Narrative: This sub-program of the CIP encompasses the projects dedicated to the public buildings and major facilities owned by the City of Wauwatosa. In order to accurately track each component of the infrastructure, the report is divided into the following six components.

- I. Civic Center
- II. Hart Park
- III. Webster Park
- IV. Public Works Garage
- V. Police Dept.
- VI. Fire Dept.

I. Civic Center

In 2017, there is minimal work planned for the Civic Center. This is due to the possibility that the Civic Center site may be redeveloped as part of a public/private partnership. The sense is that remodeling efforts should be deferred until a decision is made as to the future disposition of the property. Funds are budgeted in the operating budget for the replacement of the Finance area gate and minor repairs.

II. Hart Park

For 2017, the locker rooms are scheduled for renovation. This project has been scaled back in scope so that the showers will not be renovated. The surplus funds have been transferred to the Webster Project.. In addition, the remaining failed pervious concrete sidewalk in Hart Park will be replaced.

III. Webster Park

Due to safety concerns, the scope of this project has expanded beyond just the replacement of the play surface to a complete replacement of the play structures. Additional funds have been transferred to his project from the Hart Park Locker room renovation.

IV. Public Works Garage

At the Public Works Garage preliminary work to repair the underground piping system and the floor is planned although construction is scheduled for 2018.

V. Police Station

In 2017 the Emergency Dispatch Consoles will be replaced as part the County-wide digital radio conversion.

VI. Fire Department

The purchase of a new ladder truck is planned for 2017. Unit F-214, a 2003 ladder truck is being replaced. This is one year after the optimal replacement schedule. In addition a command vehicle and two staff vehicles are being replaced as part of the normal replacement cycle.

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	City Communications links
Project No.:	2402

PROJECT DESCRIPTION

Justification: The City of Wauwatosa created its current wireless infrastructure in 2007. While the wireless network has served the city's needs, it is limited by aging equipment, limited bandwidth, and environmental interference causing service degradation. Growing future needs for data security and delivery is enhanced by a master plan for developing a municipal fiber network that is built incrementally and strategically. By combining fiber buildout with existing capital improvement projects and employing a "dig-once" strategy, costs are reduced dramatically and impact on residents and business is mitigated. This development is enhanced by targeted maintenance of wireless network and limited boring projects to increase the return on investment. It is also complimented by joint trenching with other users and assuming ownership of abandoned yet viable conduit. Costs are also defrayed by working with other public sector partners to reduce the overall cost on tax payer while increasing services and meeting safety and reliability standards. As the master plan has not been completed, the numbers below are place holders to be refined by future CIPs.

Year of Construction:	2017-2021	Expected Life of Item/Project:	20
Request made by: Wehrley / Ali			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ 173,250	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 847,500
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 173,250	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 847,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ 18,750	\$ 18,750	\$ 18,750	\$ 18,750	\$ -	\$ 75,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 22,500
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 173,250	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 847,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ 173,250	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 847,500
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 173,250	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 847,500

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Public Works Building Floor System Rehabilitation
Project No.:	6203

PROJECT DESCRIPTION

Justification:
The grate system in the existing floor drains has failed in eight locations, which is approximately 20% of their total length. Of the remaining 80%, 50% is cracked so severely that it is starting to fail. Eight locations have been temporarily repaired with PVC piping. The scope of the project was to undertake TV inspections followed by grate repairs.

Year of Construction: 2016-2018 Expected Life of Item/Project: 25 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ 66,000	\$ 6,000	\$ 70,000	\$ -			\$ 76,000
Total	\$ -	\$ 66,000	\$ 6,000	\$ 70,000	\$ -	\$ -	\$ -	\$ 76,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 6,000	\$ 6,000					\$ 6,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ 60,000	\$ -	\$ 70,000	\$ -			\$ 70,000
Other		\$ -						\$ -
Total	\$ -	\$ 66,000	\$ 6,000	\$ 70,000	\$ -	\$ -	\$ -	\$ 76,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ 66,000	\$ 6,000	\$ 70,000	\$ -			\$ 76,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ 66,000	\$ 6,000	\$ 70,000	\$ -	\$ -	\$ -	\$ 76,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Remodel Public Works Building
Project No.:	6213

PROJECT DESCRIPTION

Justification:
In 2016-2020 CIP it is planned to remodel the administrative spaces of the building in phases. Based on available estimates of revenue and project costs, it is planned to do this work in phases in the out years of the CIP.

Year of Construction: 2018-2020 Expected Life of Item/Project: 30 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -		\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds	\$ -	\$ -		\$ 50,000	\$ 50,000			\$ 100,000
Total	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ 600,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -		\$ 5,000	\$ 5,000			\$ 10,000
Design - other		\$ -		\$ -				\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 295,000	\$ 295,000			\$ 590,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ 600,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -		\$ 300,000	\$ 300,000	\$ -	\$ -	\$ 600,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ 600,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Truck Scale Rebuilding/Replacement
Project No.:	6215

PROJECT DESCRIPTION

Justification:
The truck scale will be 16 years old in 2019. The data derived from the scale is very important to the operatiuon of the Public Works Dept. Replacement with associated upgrades is the recommended approach for this important feature of City Operations.

Year of Construction: 2019 Expected Life of Item/Project: 15 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 20,000	\$ -	\$ -	\$ 20,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -			\$ 20,000			\$ 20,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 20,000			\$ 20,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Transfer Station/Demo of Incinerator
Project No.:	6216

PROJECT DESCRIPTION

Justification:
This project includes the demolition of the 1961 refuse incinerating plant. Currently there is \$581,305 available from proceeds from the easements granted to the State of Wisconsin Department of Transportation for this project and other site improvements.

Year of Construction: _____ Expected Life of Item/Project: _____ 30 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ -			\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Boiler Replacement- Police Station
Project No.:	6404

PROJECT DESCRIPTION

Justification:
The police station has the original boilers that were installed in 1968 . New boilers will be more energy efficient. Formerly these units were scheduled for replacement in 2017 and 2018. Since the replacement of these units will require cutting a hole in the wall of the building, it makes sense to do them at one time instead of in stages.

Year of Construction: 2016 Expected Life of Item/Project: 15 years
Request made by: Community Development, Police Complex

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -		\$ 150,000				\$ 150,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -				\$ -		\$ -
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 150,000	\$ -			\$ 150,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -		\$ 150,000	\$ -			\$ 150,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Repaving Police Complex Parking Lot
Project No.:	6406

PROJECT DESCRIPTION

Justification:
One of the recommendations of the recently completed building condition study was to repave the parking lot at the Police Station. Prior to repaving, an assessment of the cause for the leak along the east wall of the Police Station would be completed, and any necessary repairs completed prior to repaving.

Year of Construction: 2019 Expected Life of Item/Project: 20 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
CDBG		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 60,000			\$ 60,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -			\$ 60,000			\$ 60,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 60,000			\$ 60,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Emergency Radios
Project No.:	6607

PROJECT DESCRIPTION

Justification:
 With the anticipated digital upgrade of the Milwaukee County radio system our current police and fire department radios need to be replaced in order to be compatible on the new county wide digital format. This is a multi-faceted project. This project will also include the upgrade of existing radios to the digital format. Those upgrades will take place yearly using capital outlay funds. 2015 – Replacement of portable radios to meet current standards. All 800 MHz radios will be replaced. The current Fire radios were purchased in 2004 with federal grant funding. The radios were purchased in 2014 due to an excellent pricing opportunity. They remain budgeted in 2016 and 2018 because the capital project fund must be paid back. 20,000 in JAG and 30,000 in Asset Forfeiture were utilized in grant funding in 2014.

Year of Construction: 2016-2018 Expected Life of Item/Project: varies
 Request made by: Rob Ugaste, Fire Chief and Captain Timothy J. Sharpee

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer	\$ 300,246	\$ 373,000		\$ 99,855	\$ -			\$ 99,855
Grants//Shared Costs		\$ 50,000						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 300,246	\$ 423,000	\$ -	\$ 99,855	\$ -	\$ -	\$ -	\$ 99,855

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ 469,753	\$ 423,000	\$ -	\$ 99,855	\$ -			\$ 99,855
Total	\$ 469,753	\$ 423,000	\$ -	\$ 99,855	\$ -	\$ -	\$ -	\$ 99,855

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ 469,753	\$ 423,000	\$ -	\$ 99,855	\$ -			\$ 99,855
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 469,753	\$ 423,000	\$ -	\$ 99,855	\$ -	\$ -	\$ -	\$ 99,855

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Generator Replacement
Project No.:	6609

PROJECT DESCRIPTION

Justification:
2019 - Replacement of the generator at St # 53 with a natural gas unit. The current generator is a 1980 diesel model that has become obsolete. Newer natural gas unit is more efficient and less costly to use. This will also allow for removal of a 250 gallon storage tank from the basement of St # 53.

Year of Construction: 2019 Expected Life of Item/Project: 20 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 30,000	\$ -		\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -			\$ 30,000	\$ -		\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 30,000	\$ -		\$ 30,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Fire Station # 2 Roof
Project No.:	6610

PROJECT DESCRIPTION

Justification:
2019 - Replace St # 52 roof - significant repairs are needed on the apparatus bay roof. (*Note - Moved back from 2017 to accommodate more pressing needs)

Year of Construction: 2019 Expected Life of Item/Project: 20 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 40,000			\$ 40,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -			\$ 40,000			\$ 40,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 40,000			\$ 40,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Fire Station # 3 Overhead Doors
Project No.:	6611

PROJECT DESCRIPTION

Justification:
2019 - Replace all of St # 53 overhead apparatus bay doors. These doors are believed to be original and about 30 years old. The new doors will also have increased energy efficiency.

Year of Construction: 2019 Expected Life of Item/Project: 15 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 30,000		-	\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -			\$ 30,000	\$ -		\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 30,000	\$ -		\$ 30,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Update & Renovate Fire Station # 53 Kitchen
Project No.:	6612

PROJECT DESCRIPTION

Justification:
2018 - Complete update and renovation of the kitchen at ST # 53. This will include new floors, cabinets, counter-tops, and windows. Many of the current equipment was installed in the mid 1980's.

Year of Construction: 2018 Expected Life of Item/Project: 20 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -			\$ -			\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 75,000				\$ 75,000
Total	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 75,000	\$ -			\$ 75,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -		\$ 75,000	\$ -			\$ 75,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Fire Station # 52 HVAC
Project No.:	6613

PROJECT DESCRIPTION

Justification:
2018 - Replacement of Boiler at St 52 and repair of existing HVAC unit. It is estimated that the current boiler was installed in 1990.

Year of Construction: 2018 Expected Life of Item/Project: 20 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -			\$ -			\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 50,000				\$ 50,000
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 50,000				\$ 50,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -		\$ 50,000	\$ -			\$ 50,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Fire Training Center Repair/Upgrade
Project No.:	6614

PROJECT DESCRIPTION

Justification:
2018 - Repair current fire training tower and associated structures. This includes anticipated repair of fire proofing spray on 1st/2nd floor, windows/doors on floors 2-5, and reconstruction of low-level roof simulator. Upgrades include additional windows on north side of tower and addition of 2nd fire hydrant.

Year of Construction: 2018 Expected Life of Item/Project: 10 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -		\$ 95,000	\$ -			\$ 95,000
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 75,000	\$ -			\$ 75,000
Total	\$ -	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -		\$ 20,000				\$ 20,000
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 150,000	\$ -			\$ 150,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -		\$ 170,000	\$ -			\$ 150,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ 170,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Turnout Gear Replacement
Project No.:	6617

PROJECT DESCRIPTION

Justification:
2019 - Replacement of turnout gear purchased in 2009/2010 with federal grant.

Year of Construction: 2019 Expected Life of Item/Project: 10 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 300,000		-	\$ 300,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -			\$ 300,000		\$ -	\$ 300,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 300,000			\$ 300,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: Fire Safety House Replacement
Project No.: 6618

PROJECT DESCRIPTION

Justification:
2021 - Replacement of 1996 Fire Safety House, F-701

Year of Construction: 2021 Expected Life of Item/Project: 20 years
Request made by: Case

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
CDBG		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other		\$ -					\$ 100,000	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -					\$ 100,000	\$ 100,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Ambulance Cot Replacement
Project No.:	6619

PROJECT DESCRIPTION

Justification:
2020 - Past-due replacement of four power ambulance cots which were purchased between 2005-2008. The life expectancy per the manufacturer is 10 years.

Year of Construction: 2020 Expected Life of Item/Project: 10 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	-	\$ 64,000
Total	\$ -	\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ 64,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other		\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ 64,000
Total	\$ -	\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ 64,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000		\$ 64,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ 64,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: Emergency Dispatch Consoles
Project No.: 6620

PROJECT DESCRIPTION

Justification:
The 2017 purchase is for digital dispatch consoles and related equipment.

Year of Construction: 2016-2018 Expected Life of Item/Project: varies

Request made by: Rob Ugaste, Fire Chief and Captain Timothy J. Sharpee

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -	\$ 150,000	\$ -	\$ -			\$ 150,000
Grants/Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other		\$ -	\$ 150,000	\$ -	\$ -			\$ 150,000
Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ 150,000	\$ -	\$ -			\$ 150,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Ambulance Replacement
Project No.:	6657

PROJECT DESCRIPTION

Justification:
2018 - Scheduled replacement of 2007 ambulance, F-423. (**This purchase was moved from 2017 to allow for purchase of engine/truck in 2017)

(YTD Actual and Budget are only for the prior year)

Year of Construction: 2018 Expected Life of Item/Project: 10 Years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 260,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ -					\$ -
Total	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 260,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 260,000
Total	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 260,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ -	\$ -	\$ -	\$ 260,000				\$ 260,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 260,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title: Command Vehicle Replacement
Project No.: 6667

PROJECT DESCRIPTION

Justification:

2017 - Past-due replacement of 2006 command vehicle, F-139. This vehicle will be one year past due.

This vehicle is staffed daily by the on-duty shift commander and used for emergency and non-emergency functions. It is a large SUV/Pickup equipped with numerous incident management tools such as maps, radios, and accountability tools.

(YTD Actual and Budget are only for the prior year)

Year of Construction: 2017 Expected Life of Item/Project: 10 Years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ -	\$ -	\$ 70,000	\$ -	\$ -			\$ 70,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ -	\$ -				\$ -
Total	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -		\$ 70,000
Total	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ 70,000	\$ -				\$ 70,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Fire Engine/Ladder Truck Replacement
Project No.:	6677

PROJECT DESCRIPTION

Justification:
 2017 - Past due replacement of 2003 ladder truck, F-214. This vehicle will be replaced by an engine and is past due by one year. (** New addition to 2017 due to poor condition of reserve fleet - was to be slotted for 2018)
 2022 - Scheduled replacement of 2005 Air/Light vehicle POSTPONED FROM 2020 to 2022

Year of Construction: Varied Expected Life of Item/Project: 15 Years
 Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 985,000	\$ 982,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 985,000	\$ 992,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ 207,601	\$ 992,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Total	\$ 207,601	\$ 992,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ 207,601	\$ 992,000	\$ 600,000			\$ -	\$ -	\$ 600,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 207,601	\$ 992,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replacement Staff Automobile
Project No.:	6687

PROJECT DESCRIPTION

Justification:
 2017 - Scheduled replacement of two (2) staff vehicles, F-137 & F-138
 2018 - Scheduled replacement of two (2) staff vehicle, F-141&F-142
 2019 - Addition of one new staff vehicle for CH51
 2020 - Scheduled replacement of one staff vehicle, F-143

(YTD Actual and Budget are only for the prior year)

Year of Construction: Varied Expected Life of Item/Project: 10 Years
 Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000		\$ 220,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -					\$ -	\$ -
Total	\$ -	\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ 220,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ 220,000
Total	\$ -	\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ 220,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000		\$ 220,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ 220,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Utility Vehicle Replacement
Project No.:	6697

PROJECT DESCRIPTION

Justification:
2019 - Past-due replacement of 2007 pick-up truck, F-609 (**moved back from 2017 due to vehicle condition and other changes to purchase schedule)

Year of Construction: 2019 Expected Life of Item/Project: 10 years
Request made by: Rob Ugaste, Fire Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 30,000	\$ -	\$ -	\$ 30,000
Total		\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -			\$ 30,000	\$ -	\$ -	\$ 30,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 30,000	\$ -	\$ -	\$ 30,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Failed Pervious Concrete Sidewalk
Project No.:	8004

PROJECT DESCRIPTION

Justification:
Pervious concrete sidewalk in Hart Park did not stand up to winter conditions. It will be replaced with pervious asphalt to match the other pervious trails thru the park. The sidewalk is located along the east side of 72nd street from the RR tracks to the south.

Year of Construction: 2017 Expected Life of Item/Project: 20 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ 57,000	\$ 82,400	\$ -				\$ 82,400
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 57,000	\$ 82,400	\$ -	\$ -	\$ -	\$ -	\$ 82,400

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ 11,772	\$ 57,000	\$ 82,400					\$ 82,400
Other		\$ -						\$ -
Total	\$ 11,772	\$ 57,000	\$ 82,400	\$ -	\$ -	\$ -	\$ -	\$ 82,400

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ 11,686	\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water	\$ 86	\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ 57,000	\$ 82,400	\$ -				\$ 82,400
Other		\$ -						\$ -
Total	\$ 11,772	\$ 57,000	\$ 82,400	\$ -	\$ -	\$ -	\$ -	\$ 82,400

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Playground Equipment and Rubberized Play Surface at Webster Park
Project No.:	8008

PROJECT DESCRIPTION

Justification:
The surface was installed in the early 1990's and is deteriorating in heavy use areas such as the landing area at the end of the slide. Replacement was planned for 2016, but the playground equipment was inspected and it requires immediate replacement. The work will be done in 2017.

Year of Construction: 2017 Expected Life of Item/Project: 20 years
Request made by: Pomeranke

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 10,000		\$ 90,000	\$ -				\$ 90,000
Rate-backed Bonds- San								\$ -
Rate-backed Bonds- Storm								\$ -
Rate-backed Bonds - Water								\$ -
Special Assessment								\$ -
TIF								\$ -
General Fund Transfer								\$ -
Grants//Shared Costs								\$ -
Surplus			\$ 110,000					\$ 110,000
Amortization Fund								\$ -
Other Funds		\$ 65,000	\$ -					\$ -
Total	\$ 10,000	\$ 65,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house								\$ -
Design - other								\$ -
Engineering and Overhead								\$ -
Land Acquisition								\$ -
Construction		\$ 65,000	\$ 200,000	\$ -				\$ 200,000
Other								\$ -
Total	\$ -	\$ 65,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation								\$ -
Sanitary Sewers								\$ -
Storm Sewers								\$ -
Water								\$ -
Structures & Equip.								\$ -
TIF								\$ -
Parks		\$ 65,000	\$ 200,000	\$ -	\$ -			\$ 200,000
Other								\$ -
Total	\$ -	\$ 65,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Chain Link Fence on South Side of Hart Park Lane
Project No.:	8009

PROJECT DESCRIPTION

Justification:
This section of fencing was not replaced when the stadium was constructed. It is adjacent to the softball diamond between the tennis courts and the football stadium. The existing fence is rusted and is planned for replacement. Installation of the fence will be coordinated with the repaving of Hart Park Lane.

Year of Construction:	2018	Expected Life of Item/Project:	25 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 47,250		\$ -	\$ -	\$ 47,250
Total	\$ -	\$ -	\$ -	\$ 47,250	\$ -	\$ -	\$ -	\$ 47,250

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -		\$ -				\$ -
Other	\$ -	\$ -		\$ 47,250			\$ -	\$ 47,250
Total	\$ -	\$ -	\$ -	\$ 47,250	\$ -	\$ -	\$ -	\$ 47,250

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -		\$ -				\$ -
Other		\$ -		\$ 47,250		\$ -	\$ -	\$ 47,250
Total	\$ -	\$ -	\$ -	\$ 47,250	\$ -	\$ -	\$ -	\$ 47,250

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Hart Park Water Heater
Project No.:	8011

PROJECT DESCRIPTION

Justification:
The existing water heater in the Hart Park locker rooms will be 10 years old in 2017. This is the expected life expectancy of a water heater, but because of light use we expect it to last for 15 years for a cost of \$11,500, but due to the redesign of the locker rooms it will be re-evaluated to determine if this water heater will be necessary going forward.

Year of Construction: 2022 Expected Life of Item/Project: 10 years
Request made by: Walbrant

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -					\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -					\$ -	\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -					\$ -	\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Field Turf at Hart Park Stadium
Project No.:	8014

PROJECT DESCRIPTION

Justification:
Installation of the field turf at Hart Park football stadium was completed in 2008. Field turf has a life expectancy of approximately 10 years. As such, funds are being programmed in the 2019 Capital Budget for the replacement of the turf at Hart Park. The budget is based on a 2016 quote from the original installer.

Year of Construction:	2019	Expected Life of Item/Project:	10 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 500,000		\$ -	\$ 500,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -			\$ -	\$ -	\$ -	\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -			\$ 500,000	\$ -	\$ -	\$ 500,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ -					\$ -
TIF		\$ -						\$ -
Parks		\$ -			\$ 500,000	\$ -	\$ -	\$ 500,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Resurface 8 Tennis Courts at Hart Park
Project No.:	8016

PROJECT DESCRIPTION

Justification:
The surface of the eight lower tennis courts at Hart Park have started to develop pits. They were originally installed and surfaced in 2009. The courts will have to be resurfaced to prevent further damage and more extensive repairs.

Year of Construction: 2018 Expected Life of Item/Project: 10 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 80,000				\$ 80,000
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ 8,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ 72,000	\$ -	\$ -	\$ -	\$ 72,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Hart Park Improvements - Entrance signs
Project No.:	8017

PROJECT DESCRIPTION

Justification:
Entrance signs for Hart Park are included in the 2007 Hart Park Design Development Plan by SAA and Rueckert-Mielke. The primary sign (\$35,000) will be located at the 70th St entrance; three secondary signs (\$21,000 ea) will be located at 72nd and State Sts, 68th and River Pkwy, and 63rd and State St; and one pedestrian sign (\$7,000) will be located near the playground east of 70th St.

Year of Construction: 2019 Expected Life of Item/Project: 25 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ 105,000			\$ 105,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ 10,500	\$ -	\$ -	\$ 10,500
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 94,500	\$ -	\$ -	\$ 94,500
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 105,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Hart Park Improvements - Electronic sign
Project No.:	8018

PROJECT DESCRIPTION

Justification:
An electronic sign at the corner of 70th and State Streets can be used to inform people of public events at Hart Park, including but not limited to Tosa Tonight concerts, Scottish Fest, high school football games, the Gem Show, the Fine Furnishings Show, etc. It can also be used to transmit general information about City and Village events. The 70th & State St corner is considered optimal because of the amount of traffic that passes there, as well as availability of electricity.

Year of Construction: 2020 Expected Life of Item/Project: 15 years
Request made by: _____

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -				\$ 50,000		\$ 50,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ 5,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ 45,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Bike paths at the east end of Hart Park
Project No.:	8019

PROJECT DESCRIPTION

Justification:
Bike paths at the east end of Hart Park and bike and pedestrian bridge over the Menomonee River near Jaobus Park. This will only occur when redevelopment occurs between State Street and River Parkway.

Year of Construction: 2020 Expected Life of Item/Project: 40 years
Request made by:

SOURCE OF FUNDS SUMMARY

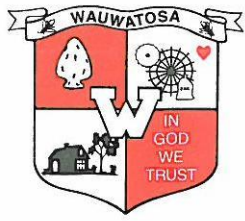
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -				\$ 1,000,000		\$ 1,000,000
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -				\$ 100,000		\$ 100,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -				\$ 900,000		\$ 900,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ 1,000,000		\$ 1,000,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TIF

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	TIF - Innovation Campus
Project No.:	7001

PROJECT DESCRIPTION

Justification:

The 2017-2021 Capital Budget for Innovation Campus assumes that a 150,000 square foot University of Wisconsin-Milwaukee Integrated Research Center (IRC) which was formally referred to as the Graduate School of Engineering building is constructed by the State of Wisconsin in 2020. Based on this, the City would likely be responsible for utilities associated with UWM Integrated Research Center totaling an estimated \$150,000 in 2019. In addition, the City would be responsible for some portion of the cost of a parking structure serving both the IRC and a 60,000 and 80,000 square foot commercial sites. This is budgeted in 2020 and the cost assume a parking ratio of 2.0 spots per 1,000 square feet with the City bearing 50% of the cost at \$18,000 per spot. No discussions have been held with the State of Wisconsin regarding the cost share or the needed parking requirements so this should be considered a conceptual estimate. Lastly, the construction of a round-about at Swan and Discovery in 2019 with an estimated State of Wisconsin Department of Transportation cost-share is included in Project #1114. As there is no agreement yet or finalized costs, these remain estimates.

Year of Construction:	2019-2021	Expected Life of Item/Project:	Varies
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF	\$ 11,850,000	\$ 18,556,000			\$ 166,500	\$ 5,220,000	\$ -	\$ 5,386,500
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -			\$ -	\$ 5,220,000	\$ -	\$ 5,220,000
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 11,850,000	\$ 18,556,000	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 55,000			\$ 12,000			\$ 12,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ 52,000			\$ 4,500		\$ -	\$ 4,500
Land Acquisition		\$ -						\$ -
Construction	\$ 5,167,244	\$ 18,449,000			\$ 150,000	\$ 10,440,000	\$ -	\$ 10,590,000
Other		\$ -						\$ -
Total	\$ 5,167,244	\$ 18,556,000	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ 2,381	\$ -					\$ -	\$ -
Sanitary Sewers		\$ -			\$ 166,500			\$ 166,500
Storm Sewers	\$ 1,190	\$ -						\$ -
Water	\$ 409	\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF	\$ 5,161,712	\$ 18,556,000				\$ 10,440,000		\$ 10,440,000
Parks		\$ -						\$ -
Other	\$ 1,552	\$ -						\$ -
Total	\$ 5,167,244	\$ 18,556,000	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Burleigh Street Public Improvements
Project No.:	7003

PROJECT DESCRIPTION

Justification:

As part of the Mayfair Collection development, the improvement of Burleigh Street from the US 45 interchange to Mayfair Rd. has been completed in 2015. This work was coordinated with the development of the Meijer's store, and Whole Foods. These improvements included Burleigh Street resurfacing, colored concrete crosswalks, traffic signal work at US 45, 112th street, 114th street, an off road path, water main improvements, sanitary sewer upgrades, street lighting replacement, and necessary signage. An at-grade multi-use path on north-side is to be elevated in future - 2021 for planning purposes.

Year of Construction: 2021 Expected Life of Item/Project: 40 years

Request made by:

SOURCE OF FUNDS SUMMARY

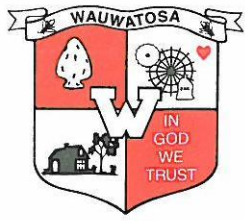
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF	\$ 15,075,168	\$ 10,001,115	\$ -		\$ -	\$ -	\$ 150,000	\$ 150,000
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ 400,000	\$ -					\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 15,075,168	\$ 10,401,115	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ 500,000	\$ -					\$ -
Construction	\$ 14,561,742	\$ 9,901,115	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
Other		\$ -						\$ -
Total	\$ 14,561,742	\$ 10,401,115	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water	\$ 336	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF	\$ 14,526,399	\$ 10,401,115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 35,008	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 14,561,742	\$ 10,401,115	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000



CAPITAL IMPROVEMENTS PROGRAM
NARRATIVE

OTHER

**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	East Tosa Improvements - North Ave Plan
Project No.:	9001

PROJECT DESCRIPTION

Justification:
In 2017 the project to reconstruct the 69th street lot with the vision approved by the steering committee and the Council is scheduled. Most of the site construction is anticipated to occur 2017, with the site furnishings installed in 2018 due to their long lead time. A matching parking sign will be installed at the 72nd street parking lot. Projects for the out years have not been identified as of yet.

Year of Construction: 2017-2018 Expected Life of Item/Project: 40 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds	\$ 2,249,357	\$ 3,044,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ -	\$ -	\$ 1,650,000
Rate-backed Bonds- San	\$ 50,000	\$ -						\$ -
Rate-backed Bonds- Storm	\$ 272,500	\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 2,571,857	\$ 3,044,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ -	\$ -	\$ 1,650,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 150,000
Design - other		\$ 55,000						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ 150,000						\$ -
Construction	\$ 2,019,821	\$ 2,389,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ 1,500,000
Other		\$ 200,000						\$ -
Total	\$ 2,019,821	\$ 3,044,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ -	\$ -	\$ 1,650,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation	\$ 1,701,402	\$ 2,060,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ -	\$ -	\$ 1,650,000
Sanitary Sewers	\$ 53,547	\$ 102,000						\$ -
Storm Sewers	\$ 248,852	\$ 332,000						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ 550,000						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 16,020	\$ -						\$ -
Total	\$ 2,019,821	\$ 3,044,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ -	\$ -	\$ 1,650,000



**CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM**

IDENTIFICATION

Project Title:	Replace Financial, Human Resources & Utility Billing Systems
Project No.:	9003

PROJECT DESCRIPTION

Justification:
The Financial, Human Resources & Utility Billing Systems were originally installed in 1998. The current vendor, MS Govern, is transitioning to a new system. While they will continue to support the current GEMS system indefinitely, it is anticipated that development and enhancements to the system will eventually cease. In anticipation of this occurring, the City will begin planning for replacing the current system in 2017.

Year of Construction: 2017 Expected Life of Item/Project: 15 years
Request made by:

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -			\$ 100,000	\$ 100,000	\$ 100,000	\$ 300,000
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 600,000	\$ -			\$ 600,000
Total	\$ -	\$ -	\$ -	\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -		\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000
Total	\$ -	\$ -	\$ -	\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2017	2018	2019	2020	2021	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -		\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000
Total	\$ -	\$ -	\$ -	\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000