

CAPITAL IMPROVEMENTS PROGRAM

2018 TO 2022

CITY OF WAUWATOSA



TABLE OF CONTENTS

CITY OF WAUWATOSA 2018 to 2022 CAPITAL IMPROVEMENTS PROGRAM

Project No.		Page No.
	City Administrator's Letter of Transmittal.....	i
	Capital Improvement Program 2018-2022 Budget Year Summary.....	1
	State of Good Repair Narrative.....	5
	State of Good Repair Analysis.....	7
STREET IMPROVEMENTS		
	Narrative.....	11
	Sealcoating Narrative.....	15
	2018 – 2022 Estimated Pavement Costs.....	17
	2017 Draft Road Ratings Map	20
	2018 – 2022 Street Improvement Program Map	21
1018	2018 Paving Program.....	22
1019	2019 Paving Program.....	24
1020	2020 Paving Program.....	26
1021	2021 Paving Program.....	28
1022	2022 Paving Program.....	30
1023	2023 Paving Program.....	32
1104	Bike/Pedestrian Plan Implementation.....	33
1104A	Center Street.....	34
1106	State Street Reconstruction and Streetscape Improvement Project – 68 th Street to Church Street.....	36
	Village Development Remaining Phasing Map.....	37
1107	North Avenue Paving – Mayfair Road to Menomonee River Parkway.....	38
1112	North Avenue Paving – Mayfair Road to 117 th Street.....	39
1113	Reconstruct Wauwatosa Avenue (STH 181) from North Avenue to Center Street.....	40

1114	Swan Boulevard Repaving and Roundabout Construction.....	41
1115	Mayfair Road and Burleigh Street Bike/Pedestrian Connection Path.....	42
	Mayfair Road and Burleigh Street Bike/Pedestrian Connection Path.....	43
1116	Glenview & Harwood Intersection Reconstruction.....	44
1618	Pavement Repairs and Spot Improvements.....	45
TRAFFIC CONTROL		
	Narrative.....	47
	Traffic Signal Location Map.....	49
	Signal Flasher Location Map.....	50
2618	Signalized Intersection Improvements.....	51
TRANSPORTATION: STREET LIGHTING		
	Narrative.....	53
	Street Lighting Location Map.....	55
TRANSPORTATION: SIDEWALKS		
	Narrative.....	57
	Proposed Sidewalks Improvement Program 2018-2027 Map.....	60
2018	Sidewalk Improvement Program.....	61
TRANSPORTATION: BRIDGES		
	Narrative.....	63
2218	Bridge Spot Repair.....	65
2301	Reconstruct North Avenue Bridge over the Menomonee River.....	66
2303	Wisconsin Ave. Bridge over Honey Creek Replacement.....	67
SANITARY SEWERS		
	Narrative.....	69
	Sanitary Sewer I/I Study Areas Map.....	71
3007	68 th And Wisconsin Ave. Sanitary Improvements.....	72
3008	Underwood Creek South Sanitary Improvements.....	73
3018	Sanitary Sewer Spot Improvements.....	74

3100	Sanitary Lining Independent of Paving.....	75
------	--	----

STORM SEWERS

	Narrative.....	77
3005	Tosa East Utility Improvements and Flood Relief.....	79
3006	City Hall South Sewer Improvements.....	80
4004	Hillside Lane Area Storm and Sanitary Improvements.....	81
4018	Storm Sewer Spot Improvements.....	82
4100	Knoll Blvd. Storm Sewer Improvements.....	83
4101	70 th Street Storm Sewer.....	84

WATER UTILITY

	Narrative.....	85
	Pumpage – 2017 vs Three and Ten Year Average.....	87
5002	Renovate Blanchard Pumping Station.....	88
5003	Automatic Meter Reading.....	89
5010	Trenchless Water Main Rehabilitation.....	90
5100	Paint Potter Road Reservoir.....	91
5101	Electrical and Mechanical Rehabilitation of all Water Utility Pumping Stations.....	92

STRUCTURES & EQUIPMENT

	Narrative.....	93
6019	Condensing Boiler for City Hall Complex.....	97
6020	Exterior Upgrades – City Hall.....	98
6021	Library Roof Replacement.....	99
6203	Public Works Building Floor System Rehabilitation.....	100
6213	Remodel Public Works Building.....	101
6215	Truck Scale Rebuilding/Replacement.....	102
6216	Transfer Station/Demo of Incinerator.....	103
6217	Replacement of Sand and Gravel Storage Building.....	104
6218	Replace failed pump and valve(s) for DPW Boiler plant.....	105

6404	Boiler Replacement – Police Station.....	106
6406	Rehabilitation of Police Complex Parking Lot.....	107
6407	Security Fencing – Gates Police Complex Parking Lot.....	108
6408	Police Department East-side Patrol Division.....	109
6409	Replace End of Life Roof at Police Department.....	110
6607	Replace Emergency Radios.....	111
6609	Generator Replacement.....	112
6610	Fire Station #52 Roof Replacement.....	113
6611	Replace Fire Station #53 Garage Door Replacement.....	114
6612	Update & Renovate Fire Station #53 Kitchen.....	115
6613	Fire Station #52 HVAC Replacement.....	116
6614	Fire Training Center Report/Upgrade.....	117
6617	Turn Gear Replacement.....	118
6618	Fire Station House Replacement.....	119
6619	Ambulance Cot Replacement.....	120
6658	Ambulance Replacement.....	121
6668	Command Vehicle Replacement.....	122
6678	Fire Engine/Ladder Truck Replacement.....	123
6688	Replacement Staff Automobile.....	124
6699	Utility Vehicle Replacement.....	125
6800	HVAC Upgrades – all Facilities.....	126
6801	Building Controls Updates.....	127
8009	Replace Chain Link Fence on South Side of Hart Park Lane.....	128
8011	Replace Hart Park Water Heater.....	129
8014	Replace Field Turf at Hart Park Stadium.....	130
8016	Resurface 8 Tennis Courts at Hart Park.....	131
8017	Hart Park Improvements – Entrance signs.....	132
8018	Hart Park Improvements – Electronic sign.....	133

8019	Bike Paths at the east end of Hart Park.....	134
8020	Window and Door Replacement – Hart Park Administration Building.....	135
8021	Exterior Upgrades to Administration and Muellner Building at Hart Park.....	136
8022	Hart Park Tennis Court and Sand Volleyball Court Lighting.....	137

TAX INCREMENTAL FINANCING

	Narrative.....	139
7001	TIF – Innovation Campus.....	141
7003	Burleigh Street Public Improvements.....	142

OTHER

	Narrative.....	143
2402	Construct Fiber Optic Connections between Critical City Facilities.....	145
9001	East Tosa Improvements – North Avenue Plan.....	146
9003	Replace Financial, Human Resources & Utility Billing Systems.....	147
9008	Bus Stop Improvements.....	149



CITY OF WAUWATOSA

7725 West North Avenue
Wauwatosa, WI 53213
Telephone: (414) 479-8900
www.wauwatosa.net

October 19, 2017

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

RE: City of Wauwatosa 2018-2022 Capital Improvements Program

Dear Mayor and Common Council Members:

I am pleased to transmit the City of Wauwatosa's 2018-2022 Capital Improvements Program (CIP). Staff strives to outline each major project with a narrative, including details on the project schedule, funding, and the types of affected infrastructure. The CIP booklet is a key planning document and management tool, as well as an important communication tool to help the public understand each project. The 2018-2022 CIP budget has been a challenging one given limited resources and competing demands, such as roads, equipment, storm, sanitary, and buildings. Despite those challenges, we arrived at a plan that attempts to mitigate deferred maintenance while staying within the Common Council's directives found in the Financial Resiliency Policy.

As in past years, the City's annual recommended investment in infrastructure to maintain a State of Good Repair has been calculated and presented herein. This analysis is in the first part of the CIP book. The 2018-2022 Capital Budget expenditures remain within the financial limits set by the five-year forecast for debt service and sewer rates. The 2018 – 2022 Capital budget includes major streetscape elements in the Village, as well as other nontraditional projects, such as green alleys, and the enhancement of public spaces.

A major part of the plan remains the renewal, repair, and replacement of deteriorated City infrastructure, such as century old water lines, crumbling pavers, failing pavement, and inadequate sewer systems. As you will see in the project narratives, the CIP includes projects that address these issues, including the process of inspecting, replacing, repairing, or relining sanitary sewers to reduce basement flooding.

The 2018-2022 CIP remains committed to reinvesting in the infrastructure that supports the quality of life for Wauwatosa residents. As always, your thoughts and comments on the Capital Program are welcome. I also wish to thank staff from all departments who worked hard to make the 2018-2022 Capital Improvements Program as comprehensive and thorough as possible.

Sincerely,

James M. Archambo
City Administrator



CAPITAL IMPROVEMENT PLAN 2018-2022 BUDGET YEAR SUMMARY

Type of Project by Year

Project Type	2016 Actuals	2017 Estimate	2018	2019	2020	2021	2022	Total By Type of Project
Transportation	\$ 7,550,229	\$ 7,775,193	\$ 12,310,269	\$ 10,125,084	\$ 10,687,489	\$ 15,252,928	\$ 16,646,179	\$ 65,021,949
Sanitary Sewers	\$ 1,779,144	\$ 1,048,256	\$ 2,430,426	\$ 4,968,541	\$ 2,943,907	\$ 3,104,919	\$ 8,076,797	\$ 21,524,590
Storm Sewers	\$ 3,022,917	\$ 3,309,736	\$ 4,938,329	\$ 3,195,661	\$ 2,812,670	\$ 2,777,328	\$ 4,123,552	\$ 17,847,541
Water	\$ 3,764,516	\$ 1,811,137	\$ 3,916,463	\$ 4,622,610	\$ 3,893,751	\$ 4,499,258	\$ 3,985,025	\$ 20,917,106
Structures & Equip.	\$ 1,371,135	\$ 894,372	\$ 2,356,007	\$ 1,156,000	\$ 204,000	\$ 1,700,000	\$ 715,000	\$ 6,131,007
TIF	\$ 7,221,612	\$ 1,845,632	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500
Parks	\$ 216,044	\$ 2,002,349	\$ 245,000	\$ 700,500	\$ 50,000	\$ -	\$ 1,011,500	\$ 2,007,000
Other	\$ 804,805	\$ 1,484,454	\$ 447,250	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,447,250
TOTAL	\$ 25,730,402	\$ 20,171,129	\$ 26,643,744	\$ 25,468,396	\$ 20,858,317	\$ 37,874,433	\$ 34,658,052	\$ 145,502,942

Revenue Source by Year

Revenue Source	2016 Actuals	2017 Estimate	2018	2019	2020	2021	2022	Total By Revenue Source
Levy-backed Bonds	\$ 5,200,000	\$ 10,180,000	\$ 10,695,979	\$ 5,929,612	\$ 6,108,995	\$ 7,012,993	\$ 5,501,816	\$ 35,249,394
Rate-backed Bonds - Sanitary	\$ 1,770,000	\$ 2,990,000	\$ 1,978,926	\$ 4,915,496	\$ 2,889,271	\$ 3,048,644	\$ 8,018,833	\$ 20,851,170
Rate-backed Bonds - Storm	\$ 4,000,000	\$ 1,110,000	\$ 5,030,049	\$ 2,927,431	\$ 2,293,411	\$ 2,413,635	\$ 3,998,620	\$ 16,663,147
Rate-backed Bonds - Water	\$ -	\$ 2,830,000	\$ 3,871,463	\$ 4,622,610	\$ 3,893,751	\$ 4,499,258	\$ 3,335,025	\$ 20,222,106
Special Assessment	\$ 1,137,584	\$ 1,093,500	\$ 1,047,595	\$ 1,036,690	\$ 1,842,785	\$ 1,488,880	\$ 1,671,975	\$ 7,087,925
TIF	\$ 7,221,612	\$ 1,845,632	\$ 574,775	\$ 2,724,350	\$ 131,592	\$ 5,374,500	\$ 1,000,000	\$ 9,805,217
General Fund Transfer	\$ 450,000	\$ 457,750	\$ 494,407	\$ 543,433	\$ 550,517	\$ 673,155	\$ 562,063	\$ 2,823,575
Grants/Shared Costs	\$ 1,441,711	\$ -	\$ -	\$ 112,000	\$ 2,424,850	\$ 11,449,900	\$ 9,626,925	\$ 23,613,675
Surplus ²	\$ 4,426,768	\$ (481,088)	\$ 944,750	\$ 257,375	\$ 172,396	\$ 177,568	\$ 832,895	\$ 2,384,985
Amortization Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Funds	\$ 82,726	\$ 145,335	\$ 2,005,800	\$ 2,399,400	\$ 550,750	\$ 1,735,900	\$ 109,900	\$ 6,801,750
TOTAL	\$ 25,730,402	\$ 20,171,129	\$ 26,643,744	\$ 25,468,396	\$ 20,858,317	\$ 37,874,434	\$ 34,658,052	\$ 145,502,942

² Includes fund balance (any fund) as well as prior year bond proceeds

Total by Project Component by Year

Components	2018	2019	2020	2021	2022	Total by Component
Design - In-house	\$ 1,457,389	\$ 985,435	\$ 1,606,698	\$ 1,344,842	\$ 1,223,373	\$ 6,617,738
Design - Other	\$ 1,395,417	\$ 895,160	\$ 3,237,500	\$ 479,250	\$ 494,000	\$ 6,501,327
Engineering and Overhead	\$ 659,917	\$ 582,982	\$ 451,702	\$ 691,952	\$ 897,759	\$ 3,284,312
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 22,679,763	\$ 21,858,820	\$ 15,406,416	\$ 33,598,389	\$ 31,417,920	\$ 124,961,308
Other	\$ 451,257	\$ 1,146,000	\$ 156,000	\$ 1,760,000	\$ 625,000	\$ 4,138,257
TOTAL	\$ 26,643,744	\$ 25,468,396	\$ 20,858,317	\$ 37,874,434	\$ 34,658,052	\$ 145,502,942

Sheet		Project		TOTALS												Project #		TOTAL											
				\$		2018		2019		2020		2021		2022		\$		145,502,942		TOTAL									
<u>1018</u>		2018 Paving Program		\$	4,754,244	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	4,754,244	\$	-								
<u>1019</u>		2019 Paving Program		\$	1,124,064	\$	11,702,572	\$	-	\$	-	\$	-	\$	-	\$	-	\$	12,826,636	\$	-								
<u>1020</u>		2020 Paving Program		\$	-	\$	756,907	\$	7,797,601	\$	-	\$	-	\$	-	\$	-	\$	8,554,508	\$	-								
<u>1021</u>		2021 Paving Program		\$	-	\$	-	\$	1,007,581	\$	10,243,704	\$	-	\$	-	\$	-	\$	11,251,285	\$	-								
<u>1022</u>		2022 Paving Program		\$	-	\$	-	\$	-	\$	336,519	\$	3,464,980	\$	-	\$	-	\$	3,801,499	\$	-								
<u>1023</u>		2023 Paving Program		\$	-	\$	-	\$	-	\$	-	\$	806,268	\$	-	\$	-	\$	806,268	\$	-								
<u>1104</u>		Bike/Pedestrian Plan Implementation		\$	173,250	\$	173,250	\$	173,250	\$	178,448	\$	183,801	\$	-	\$	-	\$	881,998	\$	-								
<u>1104A</u>		Center Street		\$	618,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	618,000	\$	-								
<u>1106</u>		State Street Reconstruction and Streetscape Improvement Project- 68th		\$	5,076,570	\$	237,160	\$	2,180,973	\$	153,540	\$	1,413,225	\$	-	\$	-	\$	9,061,468	\$	-								
<u>1107</u>		North Avenue Paving - Mayfair Road to Menomonee River Parkway		\$	-	\$	-	\$	1,372,750	\$	-	\$	8,317,250	\$	-	\$	-	\$	9,690,000	\$	-								
<u>1112</u>		North Avenue Paving - Mayfair Road to 117th Street		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-								
<u>1113</u>		Reconstruct Wauwatosa Ave (STH 181) from Stickney Ave to Center St.		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-								
<u>1114</u>		Swan Blvd Repaving and Roundabout Construction		\$	324,775	\$	2,724,350	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,049,125	\$	-								
<u>1115</u>		Mayfair Road and Burleigh Street bike ped connection path		\$	515,875	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	515,875	\$	-								
<u>1116</u>		Glenview & Harwood Intersection Reconstruction		\$	-	\$	-	\$	-	\$	146,250	\$	1,371,960	\$	-	\$	-	\$	1,518,210	\$	-								
<u>1618-1622</u>		Pavement Repairs and Spot Improvements		\$	280,900	\$	286,200	\$	291,500	\$	296,800	\$	302,100	\$	-	\$	-	\$	1,457,500	\$	-								
<u>2018-2022</u>		Sidewalk Improvement Program		\$	656,500	\$	663,000	\$	669,500	\$	676,000	\$	682,500	\$	-	\$	-	\$	3,347,500	\$	-								
<u>2218-2222</u>		Bridge Spot Repair		\$	57,750	\$	59,483	\$	61,267	\$	178,605	\$	68,463	\$	-	\$	-	\$	425,568	\$	-								
<u>2301</u>		Reconstruct North Avenue Bridges over the Menomonee River		\$	-	\$	20,000	\$	1,163,750	\$	7,467,500	\$	-	\$	-	\$	-	\$	8,651,250	\$	-								
<u>2303</u>		Wisconsin Ave Bridge over Honey Creek Replacement		\$	-	\$	-	\$	450,000	\$	413,000	\$	4,029,250	\$	-	\$	-	\$	4,892,250	\$	-								
<u>2402</u>		Construct Fiber Optic Connections between Critical City Facilities		\$	455,750	\$	173,250	\$	173,250	\$	173,250	\$	154,500	\$	-	\$	-	\$	1,130,000	\$	-								
<u>2618-2622</u>		Signalized Intersection Improvements		\$	-	\$	-	\$	50,000	\$	400,000	\$	-	\$	-	\$	-	\$	450,000	\$	-								
<u>3005</u>		Tosa East Utility Improvements and Flood Relief		\$	310,000	\$	3,143,000	\$	3,563,000	\$	3,854,500	\$	9,333,860	\$	-	\$	-	\$	20,204,360	\$	-								
<u>3006</u>		City Hall South Sewer Improvements		\$	5,855,808	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,855,808	\$	-								
<u>3007</u>		68th and Wisconsin Ave Sanitary Improvements		\$	80,000	\$	1,030,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,110,000	\$	-								
<u>3008</u>		Underwood Creek South Sanitary Improvements		\$	-	\$	24,000	\$	357,000	\$	357,000	\$	357,000	\$	-	\$	-	\$	1,095,000	\$	-								
<u>3018-3022</u>		Sanitary Sewer Spot Improvements		\$	51,500	\$	53,045	\$	54,636	\$	56,275	\$	57,964	\$	-	\$	-	\$	273,420	\$	-								
<u>3100</u>		Sanitary Lining Independent of Paving		\$	20,000	\$	277,500	\$	277,500	\$	277,500	\$	277,500	\$	-	\$	-	\$	1,130,000	\$	-								
<u>4004</u>		Hillside Lane Area Storm and Sanitary Improvements		\$	772,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	772,500	\$	-								
<u>4018-4022</u>		Storm Sewer Spot Improvements		\$	111,000	\$	114,330	\$	117,760	\$	121,293	\$	124,931	\$	-	\$	-	\$	589,314	\$	-								
<u>4100</u>		Knoll Blvd Storm Sewer Improvements		\$	-	\$	-	\$	-	\$	32,000	\$	412,000	\$	-	\$	-	\$	444,000	\$	-								
<u>4101</u>		70th Street Storm Sewer		\$	-	\$	-	\$	-	\$	60,000	\$	772,500	\$	-	\$	-	\$	832,500	\$	-								
<u>5002</u>		Renovate Blanchard Pumping Station		\$	80,000	\$	105,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	185,000	\$	-								
<u>5003</u>		Automatic Meter Reading		\$	200,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	200,000	\$	-								
<u>5010</u>		Trenchless Water Main Rehabilitation		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-								
<u>5100</u>		Paint Potter Road Reservoir		\$	-	\$	-	\$	-	\$	-	\$	650,000	\$	-	\$	-	\$	650,000	\$	-								
<u>5101</u>		Electrical and Mechanical Rehabilitation of all Water Utility Pumping		\$	1,919,250	\$	761,100	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,680,350	\$	-								

Sheet	Project	Project #	2018	2019	2020	2021	2022	TOTAL
	6019 Condensing Boiler for City Hall Complex	6019	\$	-	\$	-	\$	50,000
	6020 Exterior Upgrades- City Hall	6020	\$	-	\$	-	\$	45,000
	6021 Library Roof Replacement	6021	\$	-	\$	-	\$	450,000
	6203 Public Works Building Floor System Rehabilitation	6203	\$	70,000	\$	-	\$	70,000
	6213 Remodel Public Works Building	6213	\$	1,450,000	\$	-	\$	1,450,000
	6215 Truck Scale Rebuilding/Replacement	6215	\$	40,000	\$	-	\$	40,000
	6216 Transfer Station/Demo of Incinerator	6216	\$	-	\$	-	\$	-
	6217 Replacement of Sand and Gravel Storage Building	6217	\$	-	\$	-	\$	40,000
	6218 Replace failed pump and valve(s) for DPW Boiler plant	6218	\$	32,000	\$	-	\$	32,000
	6404 Boiler Replacement- Police Station	6404	\$	-	\$	-	\$	150,000
	6406 Rehabilitation of Police Complex Parking Lot	6406	\$	-	\$	-	\$	90,000
	6407 Security Fencing - Gates Police Complex Parking Lot	6407	\$	-	\$	63,000	\$	63,000
	6408 Police Department East-side Patrol Division Facility	6408	\$	-	\$	-	\$	1,000,000
	6409 Replace End of Life Roof at Police Dept	6409	\$	-	\$	-	\$	-
	6607 Replace Emergency Radios	6607	\$	58,007	\$	-	\$	58,007
	6609 Generator Replacement	6609	\$	-	\$	-	\$	30,000
	6610 Fire Station # 52 Roof Replacement	6610	\$	-	\$	-	\$	40,000
	6611 Replace Fire Station # 53 Garage Door Replacement	6611	\$	-	\$	-	\$	30,000
	6612 Update & Renovate Fire Station # 53 Kitchen	6612	\$	100,000	\$	-	\$	100,000
	6613 Fire Station # 52 HVAC Replacement	6613	\$	50,000	\$	-	\$	50,000
	6614 Fire Training Center Repair/Upgrade	6614	\$	170,000	\$	-	\$	170,000
	6617 Turnout Gear Replacement	6617	\$	-	\$	-	\$	300,000
	6618 Fire Safety House Replacement	6618	\$	-	\$	60,000	\$	60,000
	6619 Ambulance Cot Replacement	6619	\$	16,000	\$	-	\$	48,000
	6650-6659 Ambulance Replacement	6658	\$	260,000	\$	-	\$	535,000
	6660-6669 Command Vehicle Replacement	6668	\$	-	\$	-	\$	-
	6670-6679 Fire Engine/Ladder Truck Replacement	6678	\$	-	\$	600,000	\$	850,000
	6680-6689 Replacement Staff Automobile	6688	\$	70,000	\$	40,000	\$	150,000
	6690-6699 Utility Vehicle Replacement	6699	\$	-	\$	-	\$	30,000
	6800 HVAC Upgrades- all facilities	6800	\$	30,000	\$	30,000	\$	150,000
	6801 Building Controls Updates	6801	\$	10,000	\$	10,000	\$	50,000
	7001 TIF - Innovation Campus	7001	\$	-	\$	166,500	\$	10,606,500
	7003 Burleigh Street Public Improvements	7003	\$	-	\$	18,750	\$	173,250
	8009 Replace Chain Link Fence on South Side of Hart Park Lane	8009	\$	47,250	\$	-	\$	47,250
	8011 Replace Hart Park Water Heater	8011	\$	-	\$	-	\$	11,500
	8014 Replace Field Turf at Hart Park Stadium	8014	\$	-	\$	-	\$	500,000
	8016 Resurface 8 Tennis Courts at Hart Park	8016	\$	80,000	\$	-	\$	80,000
	8017 Hart Park Improvements - Entrance signs	8017	\$	-	\$	110,500	\$	110,500

Sheet	Project	Project #	2018	2019	2020	2021	2022	TOTAL
	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
	8020 Window and Door Replacement- Hart Park Administration Building	8020	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000
	8021 Exterior Upgrades to Administration and Mueller Building at Hart Park	8021	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000
	8022 Hart Park Tennis Court and Sand Volleyball Court Lighting	8022	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000
	9001 East Tosa Improvements - North Ave Plan	9001	\$ 50,000	\$ 550,000	\$ 500,000	\$ -	\$ -	\$ 1,100,000
	9003 Replace Financial, Human Resources & Utility Billing Systems	9003	\$ -	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000
	9007 Upgrade Data Center for Police and City Hall	9007	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
	9008 Bus Stop Improvements	9008	\$ 57,750	\$ 57,750	\$ 57,750	\$ 57,750	\$ 51,500	\$ 282,500
	9009 Pedestrian Spot Improvement (Flashing Beacons)	9009	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000



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). Each year the spreadsheet is updated. A copy of that spreadsheet follows this narrative.

A State of Good Repair is defined as:

"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, we are replacing the 39" storm sewer in Underwood Ave with a 7-foot diameter sewer that 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 2018-2022 CIP contains a spending plan that is 107% of the recommended spending levels of the SOGR analysis. This ranges from a low of 70% in the Structures & Equipment category to 126% in the Transportation category.

City of Wauwatosa						
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. September 13, 2017						
UTILITIES		Estimated Quantity	Unit	1.02 Unit Cost	Replacement Interval (years)	Annual Cost
Sanitary						
sewers (doesn't include laterals)	153	miles	\$963,018	\$147,341,791	72	\$2,046,414
mid-life rehab	153	miles	\$385,779	\$59,024,160	72	\$819,780
manholes	4,125	each	\$7,144	\$29,468,216	72	\$409,295
mid-life rehab	4,125	each	\$3,680	\$15,181,111	72	\$210,849
quarter life rehab	4,125	each	\$3,031	\$12,502,091	36	\$347,280
pump stations	7	each	\$1,298,919	\$9,092,430	40	\$227,311
control panel replacement	7	lump sum	\$270,560	\$270,560	20	\$13,528
mid-life pump replacement	14	each	\$10,824	\$151,541	40	\$3,789
8% engineering						\$326,290
Sanitary subtotal						\$4,404,504
Storm						
sewers	139	miles	\$1,041,803	\$144,782,792	72	\$2,010,872
mid-life rehab	139	miles	\$365,775	\$50,842,791	72	\$706,150
manholes	3,505	each	\$4,330	\$15,175,699	72	\$210,774
mid-life rehab	3,505	each	\$2,165	\$7,587,949	72	\$105,387
inlets/catch basins	6,950	each	\$3,464	\$24,073,291	72	\$334,351
mid-life rehab	6,950	each	\$1,732	\$12,036,646	72	\$167,176
8% engineering						\$282,777
Storm subtotal						\$3,817,486
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
Potter communication tower	1	each	\$13,989	\$13,989	20	\$699
Potter transformer	1	each	\$25,488	\$25,488	20	\$1,274
water storage reservoirs	6	total	varies	\$13,584,665	100	\$135,847
water metering and control pits	6	total	varies	\$639,733	100	\$6,397
water mains and appurtenances	1,070,228	total	varies	\$305,657,117	100	\$3,056,571
8% engineering						\$264,230
Water subtotal						\$3,567,100
utilities subtotal						\$11,789,090
TRANSPORTATION						
Streets						
reconstruct type "A"	80	miles	\$1,232,900	\$98,015,550	72	\$1,361,327
repave type "B"	80	miles	\$986,300	\$78,410,850	72	\$1,089,040
resurface type "C"	160	miles	\$493,200	\$78,714,720	72	\$1,093,260
annual spot repairs	1	each	\$200,000	\$200,000	1	\$200,000
streetcasing	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	\$6,229,120	\$6,229,120	25	\$249,165
Village Plan improvements	1	lump sum	\$14,457,051	\$14,457,051	25	\$578,282
12.5% engineering						\$605,759
Alleys						
reconstruct	11	miles	\$921,400	\$10,135,400	77	\$131,629
resurface	11	miles	\$460,700	\$5,067,700	77	\$65,814
12.5% engineering						\$24,680
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
Bubir Bike Stations						
various locations	7	lump sum	\$133,474	\$133,474	10	\$13,347
25% engineering						\$3,337
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	\$238	\$29,376,951	80	\$367,212
Village pedestrian bridge	1	each	\$100,123	\$102,418	40	\$2,560
Watertown Plank Rd Ped Bridge	1	each	\$5,050,000	\$5,050,000	40	\$126,250
rehab/repaint Harmonie 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						\$77,060
Street Lighting						
wire	1,140,144	feet	\$17	\$19,382,448	40	\$484,561
street light poles	5,709	each	\$2,500	\$14,272,500	45	\$317,167
street light heads	6,155	each	\$1,000	\$6,155,000	15	\$411,000
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						\$158,631
Traffic Control						
signalized intersections	1	lump sum	\$5,496,091	\$5,496,091	30	\$183,203
flashing signals	1	lump sum	\$601,483	\$601,483	20	\$30,074
traffic signs and posts	11,000	each	\$175	\$1,925,000	20	\$96,250
12.5% engineering						\$38,691
transportation subtotal						\$9,748,641
subtotal utilities and transportation						\$21,537,731

STRUCTURES, PROPERTY IN THE OPEN, MISC.						
Civic Center	Structure	1	lump sum	\$28,410,703	\$28,410,703	\$355,134
	mid-life chiller replacement	1	lump sum	\$350,000	\$350,000	\$4,375
	communication tower	1	each	\$95,009	\$95,009	\$2,375
	emergency generator	1	each	\$108,431	\$108,431	\$5,422
	voting equipment	1	lump sum	\$156,300	\$156,300	\$10,420
	12.5% arch/engineering					\$47,216
Existing Hart Park	Hart Park Press Box	1	each	\$87,865	\$87,865	\$2,197
	all other structures	1	lump sum	\$6,679,213	\$6,679,213	\$83,490
	Rotary performance pavilion	1	each	\$560,451	\$560,451	\$9,341
	Bleachers	1	lump sum	\$1,062,380	\$1,062,380	\$26,560
	Synthetic turf field	1	each	\$452,890	\$452,890	\$45,289
	Track	1	each	\$641,480	\$641,480	\$42,765
	Tennis courts	1	lump sum	\$404,021	\$404,021	\$26,935
	Lighting and fencing	1	lump sum	\$333,644	\$333,644	\$8,341
	Skate Park	1	each	\$555,500	\$555,500	\$18,517
	Aluminum sculpture	1	each	\$75,447	\$75,447	\$1,886
	Little Red Store	1	each	\$53,716	\$53,716	\$1,343
	12.5% arch/engineering					\$33,333
Expanded Hart Park	Play structure	1	lump sum	\$754,858	\$754,858	\$37,743
	Restroom / Picnic Shelter	1	lump sum	\$825,000	\$825,000	\$20,625
	12.5% arch/engineering					\$7,296
Webster Park	Storage Building	1	each	\$13,868	\$13,868	\$347
	Play Equipment	1	each	\$123,681	\$123,681	\$6,184
	Rubberized play surface	1	each	\$55,000	\$55,000	\$3,667
	12.5% arch/engineering					\$1,275
	Subtotal for all Parks					\$377,132
Public Works	PW Bldg	1	each	\$9,995,215	\$9,995,215	\$333,174
	Inverter Plant	1	lump sum	\$654,967	\$654,967	\$8,187
	Chipper Building	1	each	\$7,449	\$7,449	\$248
	Salt Shed	1	each	\$178,789	\$178,789	\$5,960
	Salt Dome	1	each	\$547,391	\$547,391	\$18,246
	PW Mid-life roof replacement	1	each	\$700,000	\$700,000	\$8,750
	Fueling system complete	1	lump sum	\$253,686	\$253,686	\$12,684
	Underground fuel tanks	1	lump sum	\$92,242	\$92,242	\$4,612
	Truck Scale	1	each	\$51,448	\$51,448	\$3,430
	12.5% arch/engineering					\$49,411
Police Department	Station	1	each	\$7,180,790	\$7,180,790	\$89,760
	Emergency generator	1	each	\$100,000	\$100,000	\$5,000
	Evidence storage building	1	each	\$120,641	\$120,641	\$3,016
	Vehicle cold storage building	1	each	\$72,846	\$72,846	\$1,821
	Rifle range building	1	each	\$60,479	\$60,479	\$1,512
	911 system	1	each	\$104,667	\$104,667	\$5,233
	Communication system	1	each	\$549,495	\$549,495	\$27,475
	Communication tower	2	each	\$46,629	\$93,258	\$4,663
	12.5% arch/engineering					\$17,310
Fire Department	Station 1	1	each	\$7,431,735	\$7,431,735	\$92,897
	Station 2	1	each	\$1,588,398	\$1,588,398	\$19,855
	Station 3	1	each	\$2,246,464	\$2,246,464	\$28,081
	Station 54 (trailer)	1	each	\$146,951	\$146,951	\$7,348
	Station 2 generator	1	each	\$44,785	\$44,785	\$2,239
	Station 3 generator	1	each	\$30,000	\$30,000	\$1,500
	training tower	1	each	\$547,459	\$547,459	\$10,949
	storage building at PW yard	1	each	\$145,000	\$145,000	\$3,625
	12.5% arch/engineering					\$20,812
	Maintenance Vehicle	1	each	\$50,000	\$50,000	\$5,000
	Command Vehicle	2	each	\$50,000	\$100,000	\$10,000
	Ambulance	3	each	\$225,000	\$675,000	\$67,500
	Pumper w/ Rescue body	3	each	\$750,000	\$2,250,000	\$150,000
	Quints	2	each	\$650,000	\$1,300,000	\$92,857
	Aerial Ladder	1	each	\$900,000	\$900,000	\$50,000
	Radio system	1	each	\$375,000	\$375,000	\$34,091
	SCBA system	1	each	\$500,000	\$500,000	\$45,455
subtotal structures, property in the open, & misc.						\$2,044,774
TOTAL ANNUAL CAPITAL PROJECTS INVESTMENT						\$23,582,505

STATE OF GOOD REPAIR ANALYSIS

2018 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 9,748,641	\$ 12,310,269	\$ 2,561,628
Sanitary Sewer	\$ 4,404,504	\$ 2,430,426	\$ (1,974,078)
Storm Sewer	\$ 3,817,486	\$ 4,938,329	\$ 1,120,843
Water	\$ 3,567,100	\$ 3,916,463	\$ 349,363
Structures & Equipment	\$ 1,667,642	\$ 2,356,007	\$ 688,365
Parks	\$ 377,132	\$ 245,000	\$ (132,132)
Subtotal	\$ 23,582,505	\$ 26,196,494	\$ 2,613,989

2019 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 10,041,100	\$ 10,125,084	\$ 83,984
Sanitary Sewer	\$ 4,536,639	\$ 4,968,541	\$ 431,902
Storm Sewer	\$ 3,932,011	\$ 3,195,661	\$ (736,349)
Water	\$ 3,674,113	\$ 4,622,610	\$ 948,497
Structures & Equipment	\$ 1,717,671	\$ 1,156,000	\$ (561,671)
Parks	\$ 388,446	\$ 700,500	\$ 312,054
Subtotal	\$ 24,289,980	\$ 24,768,396	\$ 478,416

2020 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 10,342,333	\$ 10,687,489	\$ 345,156
Sanitary Sewer	\$ 4,672,738	\$ 2,943,907	\$ (1,728,832)
Storm Sewer	\$ 4,049,971	\$ 2,812,670	\$ (1,237,300)
Water	\$ 3,784,336	\$ 3,893,751	\$ 109,414
Structures & Equipment	\$ 1,769,201	\$ 204,000	\$ (1,565,201)
Parks	\$ 400,099	\$ 50,000	\$ (350,099)
Subtotal	\$ 25,018,680	\$ 20,591,817	\$ (4,426,863)

2021 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 10,652,603	\$ 15,252,928	\$ 4,600,325
Sanitary Sewer	\$ 4,812,920	\$ 3,104,919	\$ (1,708,001)
Storm Sewer	\$ 4,171,470	\$ 2,777,328	\$ (1,394,142)
Water	\$ 3,897,866	\$ 4,499,258	\$ 601,392
Structures & Equipment	\$ 1,822,277	\$ 1,700,000	\$ (122,277)
Parks	\$ 412,102	\$ -	\$ (412,102)
Subtotal	\$ 25,769,240	\$ 27,334,433	\$ 1,565,193

2022 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 10,972,181	\$ 16,646,179	\$ 5,673,997
Sanitary Sewer	\$ 4,957,308	\$ 8,076,797	\$ 3,119,489
Storm Sewer	\$ 4,296,614	\$ 4,123,552	\$ (173,062)
Water	\$ 4,014,802	\$ 3,985,025	\$ (29,778)
Structures & Equipment	\$ 1,876,946	\$ 715,000	\$ (1,161,946)
Parks	\$ 424,465	\$ 1,011,500	\$ 587,035
Subtotal	\$ 26,542,317	\$ 34,558,052	\$ 8,015,735

2018-2022 ANALYSIS

Project Type	SOGR Recommendation	Projected CIP	Variance
Transportation	\$ 51,756,859	\$ 65,021,949	\$ 13,265,090
Sanitary Sewer	\$ 23,384,110	\$ 21,524,590	\$ (1,859,520)
Storm Sewer	\$ 20,267,552	\$ 17,847,541	\$ (2,420,011)
Water	\$ 18,938,218	\$ 20,917,106	\$ 1,978,887
Structures & Equipment	\$ 8,853,738	\$ 6,131,007	\$ (2,722,731)
Parks	\$ 2,002,245	\$ 2,007,000	\$ 4,755
Subtotal	\$ 125,202,722	\$ 133,449,192	\$ 8,246,470



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 and reconstructions.

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, drive approach 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 foundation 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 replace defective sections of curb and gutter (not exceeding approximately 25% of the total existing street segment involved), milling the existing pavement surface as required, patching the base, 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 pavement between the curbs 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 milling of the asphalt surface and overlaying with new asphalt surface.

Goal of the street improvement program 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 40-year cycle of renewal.

The 2018-2022 paving program does not meet the goal of repaving four miles of city streets annually. The paving program is sized to meet budget targets. Arterial roadways continue to be a focus of the proposed paving program. These roadways are typically more costly to repave than residential streets. Therefore, with the same budget, we pave fewer miles of arterial streets than if we were paving only residential 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 2018-2022.

Year	Miles Proposed (Local Miles)	Target Goal
2018	2.78 miles	4.00 miles
2019	2.34	4.00
2020	2.59	4.00
2021	2.06	4.00
2022	1.17	4.00
Totals	10.94 miles	20.00 miles

The total miles of City street paving above does not include the repaving of 2.16 miles of city streets that are considered State Connecting Highways. State connecting 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 received funding through MMSD and the DOT to pay for the 2018 Green Alleys. 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 City 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
2017	26.19



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 2018 most of the sealcoating will occur in in the southeast corner of the city in aldermanic district 4. In addition to these areas we anticipate sealing a few selected streets in other aldermanic districts. This targeted sealing is a new approach intended to stretch our budgets and maximize effectiveness of the sealcoat program.

CITY OF WAUWATOSA

2018-2022 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				
	2018	2019	2020	2021	2022
24	\$184	\$191	\$199	\$207	\$215
26	\$186	\$193	\$201	\$209	\$217
27	\$197	\$205	\$213	\$222	\$231
28	\$204	\$212	\$220	\$229	\$238
29	\$210	\$218	\$227	\$236	\$245
30	\$222	\$231	\$240	\$250	\$260
31	\$231	\$240	\$250	\$260	\$270
32	\$236	\$245	\$255	\$265	\$276
34	\$251	\$261	\$271	\$282	\$293
36	\$263	\$274	\$285	\$296	\$308
40	\$290	\$302	\$314	\$327	\$340
42	\$316	\$329	\$342	\$356	\$370
44	\$383	\$398	\$414	\$431	\$448
46	\$421	\$438	\$456	\$474	\$493
48	\$434	\$451	\$469	\$488	\$508
52	\$474	\$493	\$513	\$534	\$555
55	\$514	\$535	\$556	\$578	\$601
60	\$539	\$561	\$583	\$606	\$630
17**-17 (BLVD)	\$609	\$633	\$658	\$684	\$711
20**-20 (BLVD)	\$680	\$707	\$735	\$764	\$795
28**-28 (BLVD)	\$888	\$924	\$961	\$999	\$1,039
30**-30 (BLVD)	\$925	\$962	\$1,000	\$1,040	\$1,082
32**-32 (BLVD)	\$973	\$1,012	\$1,052	\$1,094	\$1,138
35**-35 (BLVD)	\$997	\$1,037	\$1,078	\$1,121	\$1,166
36**-36 (BLVD)	\$1,016	\$1,057	\$1,099	\$1,143	\$1,189
37**-37 (BLVD)	\$1,034	\$1,075	\$1,118	\$1,163	\$1,210
18 (ALLEY)	\$171	\$178	\$185	\$192	\$200
20 (ALLEY)	\$178	\$185	\$192	\$200	\$208

DESCRIPTION OF CONSTRUCTION TYPES:

TYPE A: CONSISTS OF COMPLETELY REMOVING EXISTING CURB AND PAVEMENT, REGRADING 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*

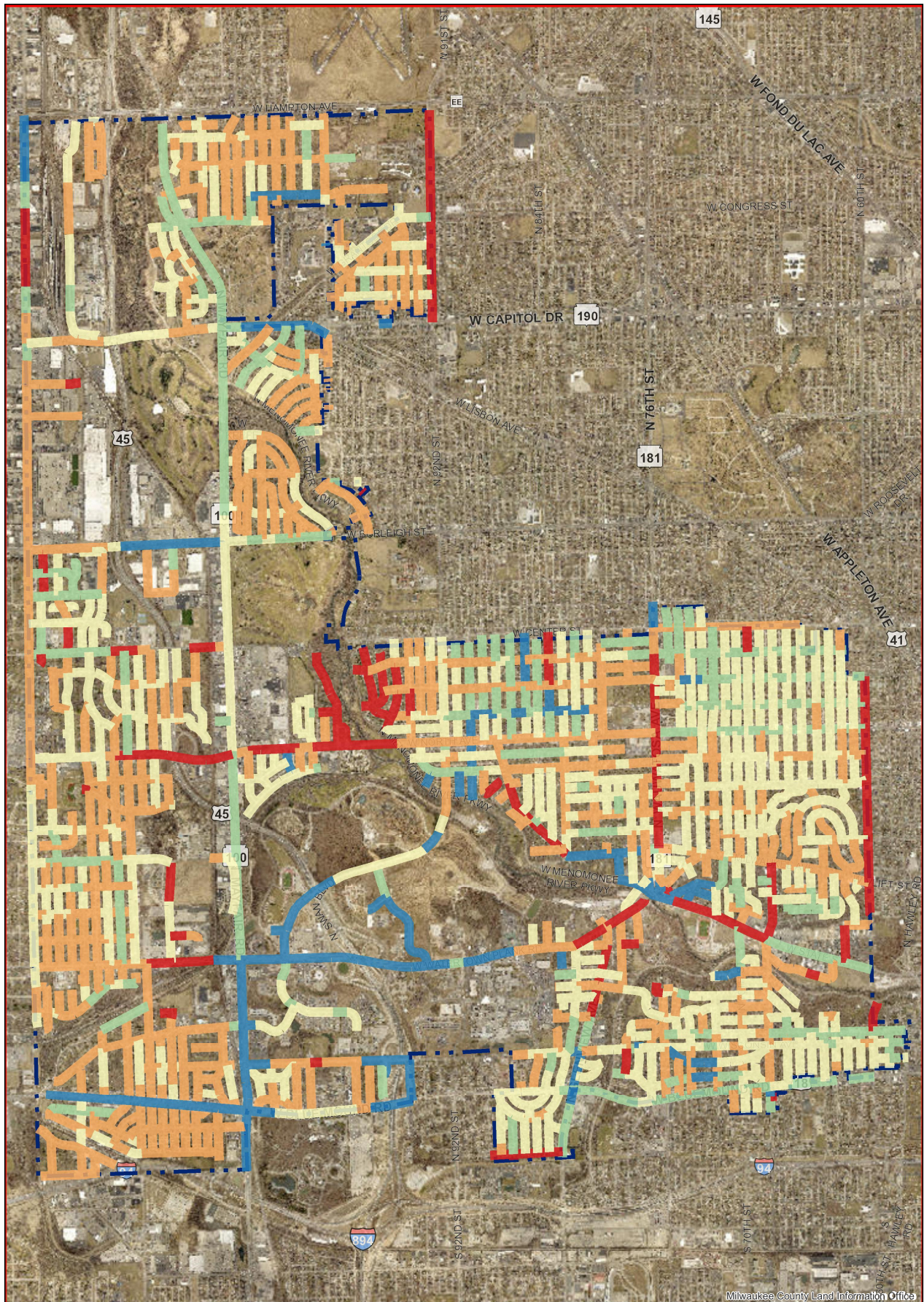
YEAR	TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	NEW
2018	\$56.00	\$44.80	\$22.40	\$28.00	\$11.20	\$78.40
2019	\$58.00	\$46.40	\$23.20	\$29.00	\$11.60	\$81.20
2020	\$60.00	\$48.00	\$24.00	\$30.00	\$12.00	\$84.00
2021	\$62.00	\$49.60	\$24.80	\$31.00	\$12.40	\$86.80
2022	\$64.00	\$51.20	\$25.60	\$32.00	\$12.80	\$89.60

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

YEAR	TYPE A	TYPE C	NEW
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
2022	\$74.00	\$29.60	\$88.80

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

THIS PAGE LEFT INTENTIONALLY BLANK

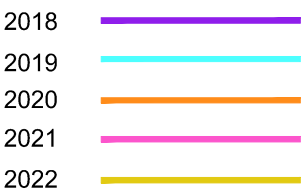


2017_Road Rating

- 13 to 20
- > 20 to 25
- > 25 to 28
- > 28 to 32
- > 32 to 35

- - - City Limits

Proposed 5 Year
Street Improvement Program
2018 - 2022
Draft 10/13/2017



STREET INDEX

N. 59th St.	F6	N. 93rd St.	B, D3	Aberdeen Ct.	D4	Day Court	E5	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. Dearborn 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.	A1, 2	Harvey Ave.	E5	Martha Washington Dr.	E6	Pasadena Blvd.	D4	W. Townsend St.	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.	E, F1	W. Hawthorne Ave.	F4	Mary Ellen Pl.	F4	Plank Ct.	E2	Underwood Ave.	E4
N. 63rd St.	D - F6	N. 98th St.	A, B, F3	Auburn Ave.	E5	Diane Dr.	E4	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	W. Hibbard Ave.	F2	N. Mayfair Frontage Rd	E2	Pleasant View St.	F4	W. Underwood Pkwy.	F1
N. 65th St.	D, F6	N. 100th St.	A, B, F3	Avon Ct.	F4	W. Blue Mound Rd.	F1, 6	W. Highland Ave.	C2	N. Mayfair Rd.	A1, B - F2	Portland Ave.	F4	Upper Parkway North	E5, 6
N. 66th St.	D, F5	N. 101st St.	A - C2, D3	Betsy Ross Pl.	E5, 6	Brookside Pl.	F4	Hill St.	F6	Maywood Ave.	F4	W. Potter Rd.	F1, 2	Upper Parkway South	E6
N. 67th St.	D, F5	N. 102nd St.	C, D2	Beverly Pl.	D2, 3	W. Burleigh Frontage Rd.	C1	Hillcrest Dr.	E4, 5	Maywood Ct.	F4	Powell Pl.	E5, 6	W. Vienna Ave.	B2
N. 68th St.	D - F5	N. 103rd St.	A, C, D, F2	Blanchard St.	E5	W. Burleigh St.	C1 - 3	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	W. Fairview Ave.	F1	Hillside La.	F5	Meadow Ct.	E1	Raymour Cir.	B2	W. Met St.	E1
N. 70th St.	D, F5	N. 105th St.	A, C, D, F2	W. Blue Mound Rd.	F1, 6	Fairview Ct.	C1	W. Honey Creek Pkwy.	F1	W. Meinecke Ave.	D1 - 6	Raymour 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	Melrose Ave.	E5	Red Arrow Ct.	E4	Warren Ave.	E4
N. 72nd St.	D - F5	N. 107th St.	A - D, F2	W. Burleigh Frontage Rd.	C1	W. Feerick St.	B1	W. Hope Ave.	B2, 3	W. Melvina St.	B2	Research Dr.	F2	W. Washington Blvd.	E5, 6
N. 73rd St.	D - F5	N. 108th Pl.	F2	W. Burleigh St.	C1 - 3	W. Fiebrantz Ave.	B2, 3	Hoyt Park Dr.	B2, 3	Menomonee Dr.	F6	Revere Ave.	E5	Washington Cir.	E5, 6
N. 74th St.	D - F5	N. 108th St.	F2	W. Byron Pl.	B3	W. Fisher Parkway	D, E4	Innovation Dr.	E, F2, F3	Menomonee River Pkwy.	D3, 4	Richmond Ct.	D4	Watertown Plank Rd.	E1 - 4
N. 75th St.	D - F5	N. 109th St.	A, F2	W. Capitol Dr.	B1, 2	Forest St.	D, E4	Jackson Park Blvd.	D3, 4	Menomonee River Pkwy.	A, B1, B, C2, D3, E4	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	N. Menomonee River Pkwy.	C2, 3	Ridge Ct.	E4	Wauwatosa Ave.	D, E5
N. 77th St.	F4	N. 110th St.	A, B, F2	Cathedral Ct.	F2	W. Keefe Ave.	F4	W. Keefe Ave.	C2	Met to Wee Ln.	D3	W. Ripley Ave.	F1	Webster Ct.	B2
N. 78th St.	D, F4	N. 111th St.	B, D, F2	Cedar St.	F5	Geralayne Dr.	F4	Kenwood Ave.	D5	W. Michigan St.	F2, 6	River Park Ct.	E4	Wellauer Dr.	F2, 5, 6
N. 79th St.	D, F4	N. 112th St.	C, D, F2	W. Center St.	D1 - 6	W. Gilbert Ave.	D, E1	Kenyon Ave.	E5	W. Milwaukee Ave.	E4 - 6	River Pkwy.	E5, 6	W. Wells St.	F2, 5, 6
N. 80th St.	D1	N. 113th St.	D - F1	Charles Hart Pkwy.	E4	Glencoe Pl.	F4	Kinsman St.	E5	Melrose 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	Windor Ct.	F4
N. 82nd St.	D4	N. 115th St.	D, F1	W. Cherry St.	E1	W. Glendale Ave.	A1 - 3	N. Knoll Terrace	C5	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	Glennview Ave.	E, F4	Laurel Ct.	F2	W. Nash St.	B, C2	Romona Ave.	E5	W. Wisconsin Ave.	F1 - 6
N. 84th St.	D, F4	N. 117th Pl.	N, F1	Christine Dr.	E1	Glennview Pl.	E1	Leifer Ave.	D5	W. Nelson Pl.	D1	W. Ruby Ave.	A2, 3	Woodland Ave.	E1, 4
N. 85th St.	D, F4	N. 117th St.	A, C, F1	Church St.	E4	Glennview Pl.	B2	Lincoln Pl.	D1	W. Palmetto Ave.	D1	W. Sarasota Pl.	B3	Woodside Ct.	E1, 4
N. 86th St.	D, F4	N. 118th St.	B, D, E1	W. Clarke St.	D1, 3 - 6	Glennway St.	A, B2	W. Lisbon Ave.	B3	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.	A2	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.	C2, 3	W. Grantosa Dr.	B2, 3	W. Lloyd St.	D5, 6	Oakhill Ave.	D5	St. Jude Ct.	F1	Yale Pl.	E5
N. 89th St.	D3	N. 121st St.	C, E, F1	Cornell Ave.	F3, 4	Gridley Ave.	E4	W. Locust St.	C1, 2	W. Oxford Pl.	F4	St. Jude Ct.	B3	York Ct.	B2
N. 90th St.	D3	N. 122nd St.	C - F1	W. Courtland Ave.	A2, 3	W. Hadley St.	D1	Lombard Ct.	E6	N. Palmette St.	D1	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.	D4	N. Park Drive	D1	W. Stewart Ave.	B2		
N. 92nd St.	A, B, E, F3	N. 124th St.	A - E1	Crestview Ct.	D1	Harding Blvd.	D3	Maple Lane	A2	W. Park Hill Ave.	F1 - 3, 5	Stickney Ave.	D3, 4		
				Currie Avenue	F4	Harley Davidson Ave.	A, B1	Maple Terrace	F5	W. Park Ridge Ave.	B2	Sunset Ave.	B2		
				Currie Place	F4	Harmonie Ave.	E4			Parkside Ct.	A2	Sunset Ct.	D3, 4		

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2018 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 394,969

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
CENTER ST. #	N. 60TH ST.	WAUWATOSA AVE.	3,700	50	SAME	E -ASPH	4,880	\$79,656
HART PARK LANE %	N. 72ND ST.	WEST END	1,540	36	SAME	D -ASPH	0	\$0
LUDINGTON AVE.	MILWAUKEE AVE.	NORTH AVE.	3,600	30	SAME	E -ASPH	5,440	\$65,928
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	\$10,000
UNDERWOOD AVE. ++	WARREN AVE.	ROGERS AVE.	1,300	24	SAME	A -ASPH	1,520	\$98,560
WOODLAND AVE. @	WAUWATOSA AVE.	N. 81ST ST.	1,600	30	SAME	A -ASPH	0	\$30,000
TOTALS								\$284,144

DQT STREETS

0

LOCAL FEET STREETS

14,665

LOCAL MILES STREETS

2.78

additional feet needed for 4 miles

A-CONC - 325 FEET

A-ASPH - 4,200 FEET

B-ASPH - 0 FEET

C-ASPH - 0 FEET

D-ASPH - 2,840 FEET

E-ASPH - 7,300 FEET

TOTAL: 14,665 FEET

2.78 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:

17,038 FEET

3.2 MILES

ALLEY / LIMITS	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
(NORTH - SOUTH / EAST - WEST)						
NORTH - FISHER / 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 3.23 miles of pavement. Of that total, 2.78 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. Center Street between Wauwatosa Ave and 60th will be resurfaced as a joint project with the City of Milwaukee acting as lead agency. This street will receive what Milwaukee calls "High Impact" paving which we call a Type E repaving. This is a quick overlay intended to extend the life of the road for 10 to 15 years. Ludington Ave between North Ave and Milwaukee Ave will receive a similar type of resurfacing. All of the alleys in 2018 receive grant funding from MMSD/DOT.

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

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 581,566	\$ 493,253	1,911,614	\$ -	\$ -	\$ -	\$ -	\$ 1,911,614
Rate-backed Bonds- San	\$ 40,000	\$ 48,360	88,735	\$ -	\$ -	\$ -	\$ -	\$ 88,735
Rate-backed Bonds- Storm	\$ 35,000	\$ 64,157	589,070	\$ -	\$ -	\$ -	\$ -	\$ 589,070
Rate-backed Bonds - Water		\$ 168,176	224,025	\$ -	\$ -	\$ -	\$ -	\$ 224,025
Special Assessment	\$ 10,714	\$ -	\$634,000					\$ 634,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants/Shared Costs		\$ -	\$0					\$ -
Surplus		\$ -	\$ 400,000					\$ 400,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ 906,800					\$ 906,800
Total	\$ 667,280	\$ 773,946	\$ 4,754,244	\$ -	\$ -	\$ -	\$ -	\$ 4,754,244

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 773,946	-	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 138,473	\$ -	\$ -	\$ -	\$ -	\$ 138,473
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ 4,615,771	\$ -	\$ -	\$ -	\$ -	\$ 4,615,771
Other		\$ -						\$ -
Total	\$ -	\$ 773,946	\$ 4,754,244	\$ -	\$ -	\$ -	\$ -	\$ 4,754,244

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ 493,253	3,665,534	\$ -	\$ -	\$ -	-	\$ 3,665,534
Sanitary Sewers		\$ 48,360	488,735	\$ -	\$ -	\$ -	\$ -	\$ 488,735
Storm Sewers		\$ 64,157	375,950	\$ -	\$ -	\$ -	\$ -	\$ 375,950
Water		\$ 168,176	224,025	\$ -	\$ -	\$ -	\$ -	\$ 224,025
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ 773,946	\$ 4,754,244	\$ -	\$ -	\$ -	\$ -	\$ 4,754,244

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2019 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 810,693

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	\$69,184
N. 84TH ST.	WRIGHT ST.	N.C.L.	1,155	30	SAME	B -ASPH	2,160	\$162,612
N. 97TH ST. LRIP	HARDING BLVD.	RIDGE BLVD.	1,160	30	SAME	A -ASPH	2,000	\$185,600
N. 97TH ST.	RIDGE BLVD.	NORTH END	590	30	SAME	B -ASPH	500	\$58,600
N. 113TH ST.	POTTER RD.	UNDERWOOD CT.	470	30	SAME	C -ASPH	810	\$33,792
CENTER ST.	MAYFAIR RD.	RR underpass	375	VARIES	SAME	C -ASPH	1,043	\$29,198
CENTER ST. #	RR underpass	East of N. 112TH ST.	725	VARIES	SAME	A -ASPH	630	\$41,540
GLENVIEW AVE.	AVON CT.	HARWOOD AVE	2,300	40	SAME	E -ASPH	5,382	\$82,431
HARDING BLVD.	N. 96TH ST.	MENOMONEE RIV. PKWY.	1,000	30	SAME	A -ASPH	1,232	\$111,456
N. HARDING BLVD.	N. 97TH ST.	N. CITY LIMITS	1,500	30	SAME	A -ASPH	2,460	\$172,680
PERRY CT.	N. 76TH ST.	END OF STREET	575	26	SAME	A -ASPH	968	\$90,644
RIDGE BLVD.	N. 97TH ST.	MENOMONEE RIV. PK	750	30	SAME	A -ASPH	594	\$79,452
SWAN BLVD.	MENOMONEE RIV. PKWY.	STICKNEY AVE.	600	30	SAME	C -ASPH	887	\$25,578
SWAN BLVD. *	BRIDGE OVER I-41/JUSH45	BRIDGE OVER D BASINS	2,500	30	SAME	A -ASPH	0	\$0
UNDERWOOD CT.	N. 113TH ST.	CUL DE SAC	350	30	SAME	C -ASPH	650	\$30,080
WAUWATOSA AVE.	MILWAUKEE AVE.	GARFIELD AVE.	2,300	VARIES	SAME	E -ASPH	5,716	\$71,306
TOTALS								\$1,244,153

DOT STREETS 0 FEET

LOCAL FEET STREETS 4,600

LOCAL MILES STREETS 12,340

additional feet needed for 4 miles 2,34

NO PAVING ASSESSMENT SOUTH SIDE - NO ACCESS

* INCLUDES ROUNDABOUT CONSTRUCTION AT

DISCOVERY PKY

SWAN PAVING PARTIALLY FUNDED BY DOT

NO PAVING ASSESSMENTS

TOTAL: 16,940 FEET

3.21 MILES

TOTAL STREETS AND ALLEYS:

18,245 FEET

3.5 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 - CONC	82	\$5,576
WELLAUER - BLUE MOUND / 72ND - 74TH (Blue Mound Lane)	600	30	SAME	A-GREEN	1,194	\$81,192
WELLAUER - BLUE MOUND / 74TH - 75TH (Blue Mound Lane)	270	30	SAME	A-GREEN	511	\$34,748
WELLAUER - BLUE MOUND / 75TH -76TH	290	30	SAME	A - CONC	809	\$55,012
TOTALS						\$176,528

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

IDENTIFICATION

Project Title: 2019 Paving Program
Project No.: 1019

PROJECT DESCRIPTION

Justification:

This year is our biggest year of repaving in the CIP in terms of miles of streets repaved. A total of 3.5 miles of street and alley improvements are programmed. Of that amount 3.21 miles of streets are scheduled for repaving, and .25 miles of alleys are planned for reconstruction. The mileage of paving includes the repaving of Swan Blvd, the costs of which are shown on Project 7001. Type E resurfacings are planned for Glenview Ave and Wauwatosa Ave.

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

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 597,574	\$ 4,094,612	\$ -	\$ -	\$ -	\$ 4,692,186
Rate-backed Bonds- San		\$ -	\$ 170,341	\$ 2,193,138	\$ -	\$ -	\$ -	\$ 2,363,479
Rate-backed Bonds- Storm		\$ -	\$ 165,829	\$ 2,135,052	\$ -	\$ -	\$ -	\$ 2,300,881
Rate-backed Bonds - Water		\$ -	\$ 190,320	\$ 2,450,370	\$ -	\$ -	\$ -	\$ 2,640,690
Special Assessment		\$ -		\$619,000				\$ 619,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -		\$112,000				\$ 112,000
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$98,400				\$ 98,400
Total	\$ -	\$ -	\$ 1,124,064	\$ 11,702,572	\$ -	\$ -	\$ -	\$ 12,826,636

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ 1,124,064	\$ -	\$ -	\$ -	\$ -	\$ 1,124,064
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -		\$ 340,852	\$ -	\$ -	\$ -	\$ 340,852
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ 11,361,720	\$ -	\$ -	\$ -	\$ 11,361,720
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 1,124,064	\$ 11,702,572	\$ -	\$ -	\$ -	\$ 12,826,636

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ 597,574	\$ 4,924,012	\$ -	\$ -	\$ -	\$ 5,521,586
Sanitary Sewers		\$ -	\$ 170,341	\$ 2,193,138	\$ -	\$ -	\$ -	\$ 2,363,479
Storm Sewers		\$ -	\$ 165,829	\$ 2,135,052	\$ -	\$ -	\$ -	\$ 2,300,881
Water		\$ -	\$ 190,320	\$ 2,450,370	\$ -	\$ -	\$ -	\$ 2,640,690
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 1,124,064	\$ 11,702,572	\$ -	\$ -	\$ -	\$ 12,826,636

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2020 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 825,651

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSESS.
N. 96TH ST.	MENOMONEE RIV. PKWY	RIDGE BLVD.	1,800	30	SAME	A - ASPH	2,710	\$279,600
N. 109TH ST.	WISCONSIN AVE.	POTTER RD.	1,000	36	SAME	C - ASPH	2,020	\$53,480
N. 115TH ST.	PARK HILL AVE.	BLUE MOUND RD.	1,225	30	SAME	D - ASPH	2,360	\$75,800
N. 115TH ST.	BLUE MOUND RD.	WATERTOWN PLK. RD.	3,500	36	SAME	D - ASPH	7,149	\$219,470
N. 122ND ST.	LOCUST ST.	BURLEIGH ST.	1,200	30	SAME	D - ASPH	2,250	\$72,500
BURLEIGH ST.	N. 122ND ST.	N. 124TH ST.	350	32-22-32	SAME	C - ASPH	964	\$28,136
HARMONEE AVE. %	HARMONEE BRIDGE	HARWOOD AVE	250	40	SAME	A - ASPH	0	\$0
HARWOOD AVE. %	RR TRACKS	HARMONEE AVE	550	40	SAME	A - ASPH	0	\$0
HARWOOD AVE. %	HARMONEE AVE	GLENVIEW PL.	700	40	SAME	A - ASPH	0	\$0
NORTH AVE. #	MAYFAIR RD.	W. of N. 117TH ST.	2,800	36-28-36	SAME	C - ASPH	6,556	\$0
RIDGE BLVD.	N. 95TH ST.	N. 97TH ST.	650	30	SAME	A - ASPH	621	\$72,260
WILSON BLVD.	N. 96TH ST.	N. 97TH ST.	325	30	SAME	A - ASPH	283	\$26,980
TOTALS								\$828,226

DOT STREETS 950 A-CONC - 0 FEET
 LOCAL FEET STREETS 13,700 A-ASPH - 7,375 FEET
 LOCAL MILES STREETS 2.59 B-ASPH - 0 FEET
 additional feet needed for 4 miles C-ASPH - 1,350 FEET
 D-ASPH - 5,925 FEET
 TOTAL: 14,650 FEET
 2.77 MILES
 % NO PAVING ASSESSMENT - VILLAGE PLAN F
 # DOT PROJECT
 TOTAL RECONSTRUCT,
 DEFERRED FROM 2016, CONSTRUCT
 IN 2020, 2021, OR 2022,
 DEPENDING UPON DOT BUDGETS

TOTAL STREETS AND ALLEYS: 16,430 FEET
 3.1 MILES

ALLEY / LIMITS (NORTH - SOUTH / EAST - WEST)	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSESS.
HADLEY ST. - CENTER ST. / 73RD - 74TH east-west leg	230	20	SAME	A-GREEN	318	\$22,260
HADLEY ST. - CENTER ST. / 73RD - 74TH north-south leg	350	18	SAME	A-GREEN	698	\$48,860
CENTER - CLARKE / 67TH -68TH	630	20	SAME	A-GREEN	1,059	\$74,130
MEINECKE - NORTH / 66TH - 67TH	300	20	SAME	A-GREEN	666	\$46,620
MEINECKE - NORTH / 67TH - 68TH	270	20	SAME	A-GREEN	618	\$43,260
TOTALS						\$235,130

**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 3.1 miles of pavement are slated for renewal, of which .34 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 part of this paving program is the streetscaping and reconstruction of Village streets south of the RR tracks.

Year of Construction: 2020-2022

Expected Life of Item/Project: 40 years

Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ 420,190	\$ 2,011,772	\$ -	\$ -	\$ 2,431,961
Rate-backed Bonds- San		\$ -	\$ -	\$ 60,858	\$ 783,547	\$ -	\$ -	\$ 844,405
Rate-backed Bonds- Storm		\$ -	\$ -	\$ 97,379	\$ 1,109,760	\$ -	\$ -	\$ 1,207,140
Rate-backed Bonds - Water		\$ -	\$ -	\$ 178,480	\$ 2,297,930	\$ -	\$ -	\$ 2,476,410
Special Assessment		\$ -			\$ 1,421,000			\$ 1,421,000
TIF		\$ -			\$ 29,592			\$ 29,592
General Fund Transfer		\$ -						\$ -
Grants/Shared Costs		\$ -			\$0			\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			144,000			\$ 144,000
Total	\$ -	\$ -	\$ -	\$ 756,907	\$ 7,797,601	\$ -	\$ -	\$ 8,554,508

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ 756,907	\$ -	\$ -	\$ -	\$ 756,907
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ 227,115	\$ -	\$ -	\$ 227,115
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ 7,570,486	\$ -	\$ -	\$ 7,570,486
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 756,907	\$ 7,797,601	\$ -	\$ -	\$ 8,554,508

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ 420,190	\$ 3,462,364	\$ -	\$ -	\$ 3,882,553
Sanitary Sewers		\$ -	\$ -	\$ 60,858	\$ 783,547	\$ -	\$ -	\$ 844,405
Storm Sewers		\$ -	\$ -	\$ 97,379	\$ 1,253,760	\$ -	\$ -	\$ 1,351,140
Water		\$ -	\$ -	\$ 178,480	\$ 2,297,930	\$ -	\$ -	\$ 2,476,410
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 756,907	\$ 7,797,601	\$ -	\$ -	\$ 8,554,508

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2021 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 630,906

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSESS. FEET	SPECIAL ASSESS.
N. 68TH ST.	WISCONSIN AVE.	RIVER PKWY.	2,200	40	SAME	D - ASPH	3,200	\$106,700
N. 68TH ST.	STATE ST.	MILWAUKEE AVE.	2,000	36	SAME	D - ASPH	3,162	\$113,022
CENTER ST.	N. 114TH ST.	N. 117TH ST.	1,100	52	SAME	D - ASPH	7,149	\$236,619
CHESTNUT ST.	DEWEY AVE.	KAVANAUGH PL.	450	30	SAME	A - ASPH	643	\$44,866
GLENVIEW AVE. # **	I-94	BLUE MOUND RD.	1,700	34-18-34	SAME	A - CONC	0	\$42,000
HARWOOD AVE.	GLENVIEW PL.	ROBERTSON ST.	900	40	SAME	C - ASPH	2,110	\$57,328
PORTLAND AVE.	HONEY CREEK PKY.	GLENVIEW AVE.	725	25	26	A - ASPH	821	\$84,902
WATERTOWN PLK. RD.	ROBERTSON ST.	N. 86TH ST.	1,100	40	SAME	C - ASPH	2,477	\$66,430
WISCONSIN AVE	west of N. 98TH ST.	N. 106TH ST.	2,388	44	SAME	D - ASPH	5,392	\$177,152
TOTALS								\$929,019

28 DOT STREETS

LOCAL FEET STREETS
LOCAL MILES STREETS

additional feet needed for 4 miles

A-CONC - 1,700 FEET
A-ASPH - 1,175 FEET
B-ASPH - 0 FEET
C-ASPH - 2,000 FEET
D-ASPH - 7,688 FEET
E-ASPH - 0 FEET
TOTAL: 12,563 FEET
2.38 MILES

JOINT PROJECT WITH DOT / CITY OF MILWAUKEE
WAUWATOSA COSTS SHOWN

** NO PAVING ASSESSMENT, FUNDED BY DOT

TOTAL STREETS AND ALLEYS:

14,985 FEET
2.8 MILES

ALLEY / LIMITS (NORTH - SOUTH / EAST - WEST)	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSESS. FEET	SPECIAL ASSESS.
BURLEIGH - CHAMBERS / 122ND- 124TH (east-west leg only)	175	20	SAME	A - CONC	445	\$32,040
CAPITOL - MELVINA / GRANTOSA - WOODWARD	122	20	NEW	A - CONC	164	\$11,808
HAMPTON - DERBY / 110TH - WEST END (EW LEG ONLY) #	500	20	NEW	A - CONC	250	\$18,000
MEINECKE - NORTH / 102ND - MAYFAIR	495	20	SAME	A-GREEN	1,052	\$75,744
NORTH - JACKSON PARK BLVD / 81ST - 83RD	675	20	SAME	A-GREEN	1,635	\$117,720
WASHINGTON BLVD - VLIET / 60TH - WASHINGTON CIRCLE	455	18	SAME	A-GREEN	797	\$57,384
TOTALS						\$312,696

JOINT PROJECT WITH CITY OF MILWAUKEE

**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 2.38 miles of streets and 0.46 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.

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

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 588,759	\$ 3,532,470	\$ -	\$ 4,121,229
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ 81,724	\$ 1,052,194	\$ -	\$ 1,133,918
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ 94,650	\$ 976,222	\$ -	\$ 1,070,872
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ 242,448	\$ 3,121,518	\$ -	\$ 3,363,966
Special Assessment		\$ -				\$1,063,000		\$ 1,063,000
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -				\$255,900		\$ 255,900
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -				\$ 242,400		\$ 242,400
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,007,581	\$ 10,243,704	\$ -	\$ 11,251,285

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ 1,007,581	\$ -	\$ -	\$ 1,007,581
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ 298,360	\$ -	\$ 298,360
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ 9,945,344	\$ -	\$ 9,945,344
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,007,581	\$ 10,243,704	\$ -	\$ 11,251,285

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ 588,759	\$ 4,851,370	\$ -	\$ 5,440,129
Sanitary Sewers		\$ -	\$ -	\$ -	\$ 81,724	\$ 1,052,194	\$ -	\$ 1,133,918
Storm Sewers		\$ -	\$ -	\$ -	\$ 94,650	\$ 1,218,622	\$ -	\$ 1,313,272
Water		\$ -	\$ -	\$ -	\$ 242,448	\$ 3,121,518	\$ -	\$ 3,363,966
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,007,581	\$ 10,243,704	\$ -	\$ 11,251,285

CITY OF WAUWATOSA

5 YEAR CAPITAL IMPROVEMENT PROGRAM

2022 PAVEMENT

STREETLIGHT SYSTEM IMPROVEMENTS \$ 92,708

STREET	FROM	TO	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
N. 88TH ST.	DEAD END S. OF HAWTHORNE	HAWTHORNE AVE.	130	24	SAME	A - ASPH	120	\$12,680
HARMONEE AVE. %	WAUWATOSA AVE.	UNDERWOOD AVE.	325	44	VARIES	A - ASPH	0	\$0
HAWTHORNE AVE.	GLENVIEW AVE.	WEST CITY LIMITS	1,650	30	SAME	A - ASPH	2,218	\$250,852
NORTH AVE.	E. of MENOMONEE RIV. PKWY.	MAYFAIR RD.	4,400	36-28-36	SAME	A - ASPH	7,466	\$0
WAUWATOSA AVE. %	HARMONEE AVE.	MILWAUKEE AVE.	675	VARIES	VARIES	A - ASPH	0	\$0
WAUWATOSA AVE.	STICKNEY AVE.	CENTER ST.	3,150	51	SAME	A - ASPH	3,684	\$235,776
TOTALS								\$499,308

DOT STREETS

A-CONC - 0 FEET

LOCAL FEET STREETS

A-ASPH - 10,330 FEET

LOCAL MILES STREETS

B-ASPH - 0 FEET

% NO PAVING ASSESSMENT - VILLAGE PLAN FUNDED

1.17

C-ASPH - 0 FEET

14,940

D-ASPH - 0 FEET

additional feet needed for 4 miles

E-ASPH - 0 FEET

TOTAL: 10,330 FEET

1.96 MILES

TOTAL STREETS AND ALLEYS: 11,005 FEET
2.1 MILES

ALLEY / LIMITS (NORTH - SOUTH / EAST - WEST)	LENGTH LIN. FT.	WIDTH FT.	PROP. WIDTH	PROP. TYPE	ASSES. FEET	SPECIAL ASSES.
MARION - GRANTOSA / 99TH - 100TH north-south leg #	350	20	SAME	A-GREEN	297	\$20,790
MARION - GRANTOSA / 99TH - 100TH east-west leg #	325	20	SAME	A-GREEN	248	\$17,360
TOTALS						\$38,150

JOINT PROJECT WITH CITY OF MILWAUKEE

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

IDENTIFICATION

Project Title:	2022 Paving Program
Project No.:	1022

PROJECT DESCRIPTION

Justification:
Included in this year's 2.1 miles of street and alley repaving is reconstruction of North Ave from Mayfair Road to Menomonee River Parkway (see project 1107). 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 the complete reconstruction of Wauwatosa Ave (STH181) from Stickney Ave to Center Street (see project 1113). All three of these projects are subject to DOT schedule and funding assistance.

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

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ 187,205	\$ 77,048	\$ 264,253
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ 9,900	\$ 127,463	\$ 137,363
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ 14,673	\$ 188,917	\$ 203,591
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ 124,740	\$ 1,606,028	\$ 1,730,768
Special Assessment		\$ -					\$1,242,000	\$ 1,242,000
TIF		\$ -					\$ -	\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -					\$223,525	\$ 223,525
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -					\$0	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,519	\$ 3,464,980	\$ 3,801,499

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 305,269	\$ -	\$ 305,269
Design - other		\$ -				\$ 31,250		\$ 31,250
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,922	\$ 100,922
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,364,058	\$ 3,364,058
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,519	\$ 3,464,980	\$ 3,801,499

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ 187,205	\$ 1,542,573	\$ 1,729,778
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ 9,900	\$ 127,463	\$ 137,363
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ 14,673	\$ 188,917	\$ 203,591
Water		\$ -	\$ -	\$ -	\$ -	\$ 124,740	\$ 1,606,028	\$ 1,730,768
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,519	\$ 3,464,980	\$ 3,801,499

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

IDENTIFICATION

Project Title:	2023 Paving Program
Project No.:	1023

PROJECT DESCRIPTION

Justification:

At this point in the CIP process, the streets and alleys, planned for improvement as part of the 2023 paving program have not been selected. However, to accurately reflect costs incurred in 2022, 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: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,032	\$ 350,032
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,706	\$ 80,706
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,133	\$ 93,133
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,997	\$ 183,997
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -					\$ 98,400	\$ 98,400
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 806,268	\$ 806,268

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 806,268	\$ 806,268
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 806,268	\$ 806,268

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 448,432	\$ 448,432
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,706	\$ 80,706
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,133	\$ 93,133
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,997	\$ 183,997
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 806,268	\$ 806,268

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

IDENTIFICATION

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

PROJECT DESCRIPTION

Justification:
The Bicycle and Pedestrian Committee has determined that 2018 funds will be used for a bicycle/pedestrian branding study, wayfinding/neighborhood greenways study, and bike route signage. All projects were identified as priority projects within the adopted 2014 Bicycle and Pedestrian Plan. Additionally, Engineering/Planning staff will recommend, based on the available budget, bike lanes that should be added to existing streets that are not included in the five-year paving program, but identified as bike lane streets in the adopted 2014 Bicycle and Pedestrian Plan. Staff will seek out ways to substitute cash financing for bonds to fund these projects and to permanently transfer \$50,000 from the capital budget to the Department of Public Works annual operational painting budget for the painting of bike lanes. Other projects will be developed for the out years of the CIP by the Bike and Pedestrian Committee.

Year of Construction: Annual Expected Life of Item/Project: 40 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 159,495	\$ 92,734	\$ 173,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 183,801	\$ 881,998
Rate-backed Bonds- San		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer	\$ 101,396	\$ 131,396						\$ -
Grants/Shared Costs	\$ 19,000	\$ 19,000						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 279,891	\$ 243,130	\$ 173,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 183,801	\$ 881,998

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 70,000	\$ 18,750	\$ 18,750	\$ 18,750	\$ 19,313	\$ 19,892	\$ 95,454
Design - other		\$ 25,000						\$ -
Engineering and Overhead		\$ 22,400	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,635	\$ 4,774	\$ 22,909
Land Acquisition		\$ -						\$ -
Construction	\$ (91,230)	\$ 125,730	\$ 150,000	\$ 150,000	\$ 150,000	\$ 154,500	\$ 159,135	\$ 763,635
Other		\$ -						\$ -
Total	\$ (91,230)	\$ 243,130	\$ 173,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 183,801	\$ 881,998

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation	\$ 59,003	\$ 243,130	\$ 173,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 183,801	\$ 881,998
Sanitary Sewers		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Water		\$ -				\$ -	\$ -	\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 20,538	\$ -						\$ -
Total	\$ 79,541	\$ 243,130	\$ 173,250	\$ 173,250	\$ 173,250	\$ 178,448	\$ 183,801	\$ 881,998

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

IDENTIFICATION

Project Title:	Center Street
Project No.:	1104A

PROJECT DESCRIPTION

Justification:

This project is the last phase of a multi-year program to install sidewalks on the south side of Center Street between Mayfair Road and N. 117th Street. Included in this year are funds to install sidewalk on the between 112th Street and the end of the existing walk between the railroad overpass and Mayfair Road. Included is construction of a pedestrian ramp to replace the existing steps between the 111th St. cul-du-sac and Center Street by Whitman Middle School. The new walk and ramp will require the construction of retaining walls.

Year of Construction:	2016-2018	Expected Life of Item/Project:	40 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 440,000	\$ 531,016	\$ 618,000	\$ -	\$ -	\$ -	\$ -	\$ 618,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ (13,350)	\$ -					\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 440,000	\$ 517,666	\$ 618,000	\$ -	\$ -	\$ -	\$ -	\$ 618,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 18,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ 75,000						\$ -
Engineering and Overhead		\$ 15,000	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ 18,000
Land Acquisition		\$ -						\$ -
Construction	\$ 170,770	\$ 408,916	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Other		\$ -						\$ -
Total	\$ 170,770	\$ 517,666	\$ 618,000	\$ -	\$ -	\$ -	\$ -	\$ 618,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation	\$ 136,904	\$ 517,666	\$ 618,000	\$ -	\$ -	\$ -	\$ -	\$ 618,000
Sanitary Sewers	\$ 11,615	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Water	\$ 22,251	\$ -				\$ -	\$ -	\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ -	\$ -						\$ -
Total	\$ 170,770	\$ 517,666	\$ 618,000	\$ -	\$ -	\$ -	\$ -	\$ 618,000

THIS PAGE LEFT INTENTIONALLY BLANK

**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 last major section of the Village Improvements to be implemented is the reconstruction of State Street between 74th Street and 68th Street. Along with this reconstruction is the proposed pedestrian crossing of the RR tracks near 74th Street. Traffic signals will be installed at 72nd and State. Sidewalk will be installed along the south side of State Street from 74th to 68th Street. Traffic signals at 70th and State will be replaced. Hart Park Lane will have to be reconstructed to accommodate the new RR pedestrian crossing. This will result in the loss of some Hart Park Lane parking stalls. The pathway from Hart Park Lane to the softball field will be reconstructed to make it ADA compliant. Remaining Village work will include Harwood/Harmonie south of the Village planned for 2020 and Harmonie/Wauwatosa Ave north of the Village planned for 2022. The budget to date was increased by \$1,269,750 as funding for water main improvements were inadvertently budgeted in project 1017. The funding has since been transferred from project 1017 to 1106.

Year of Construction:	2016-2022	Expected Life of Item/Project:	40 years
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 4,200,000	\$ 10,821,351	\$ 4,567,010	\$ 227,500	\$ 2,056,600	\$ 146,250	\$ 1,322,100	\$ 8,319,460
Rate-backed Bonds- San	\$ 1,130,000	\$ 1,267,150	\$ -	\$ -	\$ -	\$ 4,050	\$ 50,625	\$ 54,675
Rate-backed Bonds- Storm	\$ 2,848,000	\$ 3,353,051	\$ -	\$ -	\$ -	\$ 3,240	\$ 40,500	\$ 43,740
Rate-backed Bonds - Water		\$ 1,239,710	\$ 259,560	\$ 9,660	\$ 124,373	\$ -	\$ -	\$ 393,593
Special Assessment		\$ -						\$ -
TIF	\$ 2,295,000	\$ 3,045,000	\$ 250,000					\$ 250,000
General Fund Transfer	\$ 30,000	\$ 30,000						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds	\$ 102,873	\$ 102,873						\$ -
Total	\$ 10,605,873	\$ 19,859,135	\$ 5,076,570	\$ 237,160	\$ 2,180,973	\$ 153,540	\$ 1,413,225	\$ 9,061,468

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 507,775			\$ 182,000	\$ 153,540	\$ 117,000	\$ 452,540
Design - other	\$ 1,588,903	\$ 149,820	\$ 319,000	\$ 237,160				\$ 556,160
Engineering and Overhead	\$ 1,123,160	\$ 436,656	\$ 138,570	\$ -	\$ 58,223	\$ -	\$ 35,100	\$ 231,893
Land Acquisition		\$ -						\$ -
Construction	\$ 13,107,732	\$ 18,764,884	\$ 4,619,000	\$ -	\$ 1,940,750	\$ -	\$ 1,261,125	\$ 7,820,875
Other		\$ -						\$ -
Total	\$ 15,819,795	\$ 19,859,135	\$ 5,076,570	\$ 237,160	\$ 2,180,973	\$ 153,540	\$ 1,413,225	\$ 9,061,468

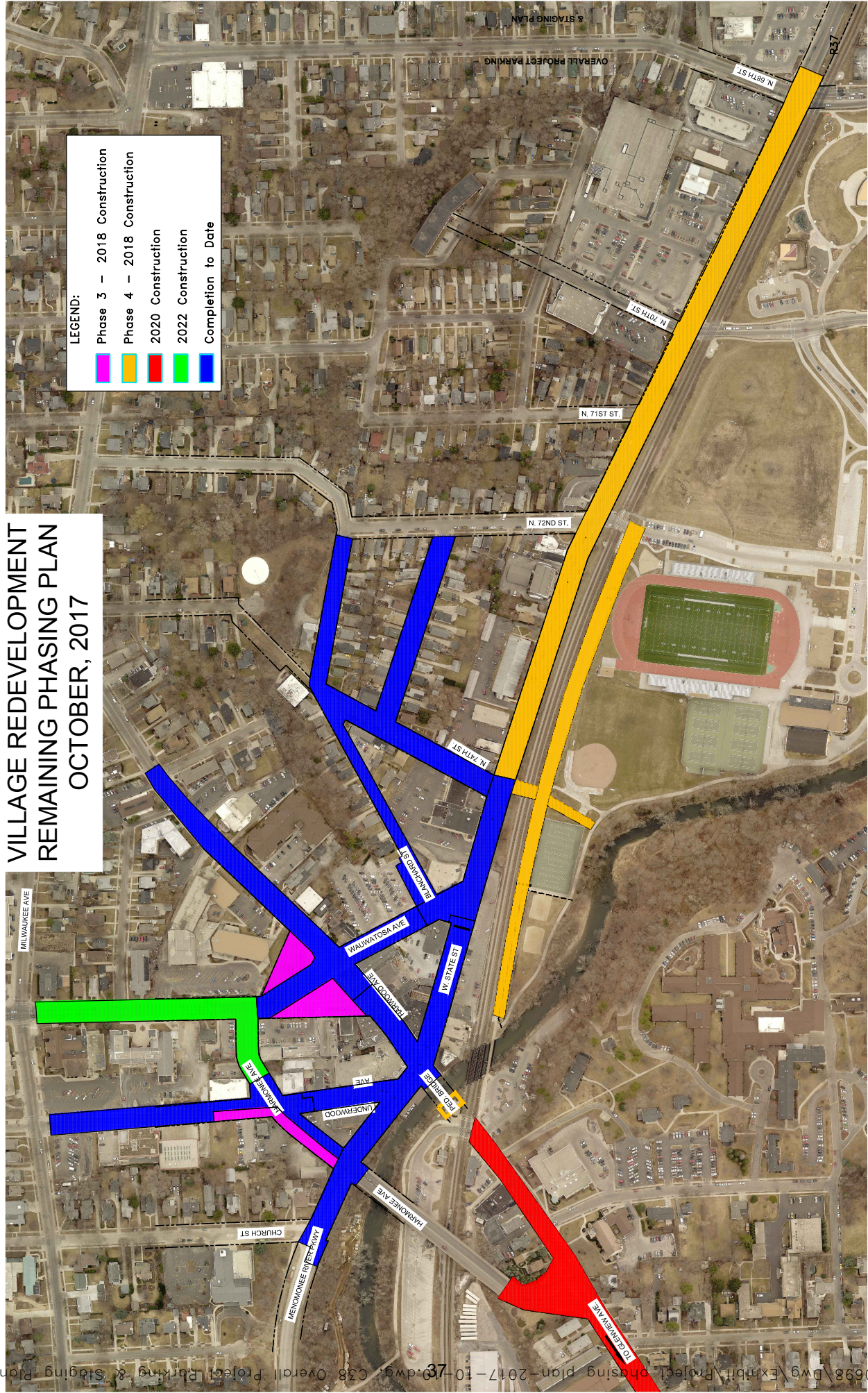
USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation	\$ 7,389,056	\$ 12,541,492	\$ 4,817,010	\$ 227,500	\$ 2,056,600	\$ 146,250	\$ 1,322,100	\$ 8,569,460
Sanitary Sewers	\$ 1,063,649	\$ 1,267,150	\$ -	\$ -	\$ -	\$ 4,050	\$ 50,625	\$ 54,675
Storm Sewers	\$ 2,773,592	\$ 3,353,051	\$ -	\$ -	\$ -	\$ 3,240	\$ 40,500	\$ 43,740
Water	\$ 3,488,983	\$ 2,667,442	\$ 259,560	\$ 9,660	\$ 124,373	\$ -	\$ -	\$ 393,593
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks	\$ 375,144	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 729,372	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 15,819,795	\$ 19,859,135	\$ 5,076,570	\$ 237,160	\$ 2,180,973	\$ 153,540	\$ 1,413,225	\$ 9,061,468

VILLAGE REDEVELOPMENT REMAINING PHASING PLAN OCTOBER, 2017

LEGEND:

Phase 3	2018	Construction
Phase 4	2018	Construction
2020	Construction	
2022	Construction	
Completion	to Date	



**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:

We will apply for DOT STP funding for the reconstruction of North Avenue from east of Menomonee River Parkway to Mayfair Rd. STP funding, if approved, will pay for up to 80% of eligible project costs. Coordinated with this project is the replacement of the four North Ave bridges over Menomonee River (Project 2301). Project costs shown below do not include the bridge replacements. Due to the size of this project and the bridge replacements, we anticipate this project will take two years to construct. Actual years of construction are dependent upon available DOT funds.

Year of Construction:	2022-2023	Expected Life of Item/Project:	40 years
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 177,650	\$ -	\$ 1,076,350	\$ 1,254,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ 59,500	\$ -	\$ 360,500	\$ 420,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 515,000	\$ 600,000
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -					\$ -	\$ -
General Fund Transfer		\$ -						\$ -
Grants/Shared Costs		\$ -			\$ 1,050,600		\$ 6,365,400	\$ 7,416,000
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 1,372,750	\$ -	\$ 8,317,250	\$ 9,690,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ 161,500	\$ -	\$ -	\$ 161,500
Design - other		\$ -			\$ 1,211,250			\$ 1,211,250
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 242,250	\$ 242,250
Land Acquisition		\$ -						\$ -
Construction	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,075,000	\$ 8,075,000
Other		\$ -						\$ -
Total	\$ 150	\$ -	\$ -	\$ -	\$ 1,372,750	\$ -	\$ 8,317,250	\$ 9,690,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation	\$ 150	\$ -	\$ -	\$ -	\$ 1,228,250	\$ -	\$ 7,441,750	\$ 8,670,000
Sanitary Sewers		\$ -	\$ -	\$ -	\$ 59,500	\$ -	\$ 360,500	\$ 420,000
Storm Sewers		\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 515,000	\$ 600,000
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 150	\$ -	\$ -	\$ -	\$ 1,372,750	\$ -	\$ 8,317,250	\$ 9,690,000

**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. Funding will be placed when this is known. Most of the pavement will be completely reconstructed.

Year of Construction: TBD Expected Life of Item/Project: 20
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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:	Reconstruct Wauwatosa Ave (STH 181) from Stickney 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 will request construction to occur in 2022. Consultant design costs would be incurred several years prior. Actual years of design and construction are dependent upon the DOT funding schedule. Funding will be added when this is known. The DOT would be paying for most of the roadway design and construction cost. Project include reconstruction of North Ave approaches

Year of Construction:	TBD	Expected Life of Item/Project:	40
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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. 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: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	Total
Transportation	\$ 22,500	\$ -	\$ 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	\$ 22,500	\$ -	\$ 324,775	\$ 2,724,350	\$ -	\$ -	\$ -	\$ 3,049,125

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

IDENTIFICATION

Project Title:	Mayfair Road and Burleigh Street bike ped connection path
Project No.	1115

PROJECT DESCRIPTION

Justification:

Construction of an asphalt path along the west and north side of Blue Mound Country Club within public right of way on Mayfair Road and Burleigh Street will strengthen connections between residential areas & the Oak Leaf Bike Trail with Mayfair Mall, Whitman Middle School, and West High School. Currently along this route there are no sidewalks so bikes and pedestrians must either be on the street, on the grass, or cross the street to use the sidewalks on the other side. A portion of this route lies within the City of Milwaukee right of way. Construction cost and ongoing maintenance to be funded entirely by the City of Wauwatosa. This project supports the 2017-2019 Strategic Plan goals and area of focus to improve transportation options to support the varied choices of residents, visitors, and businesses.

Year of Construction: 2018 Expected Life of Item/Project: 20
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

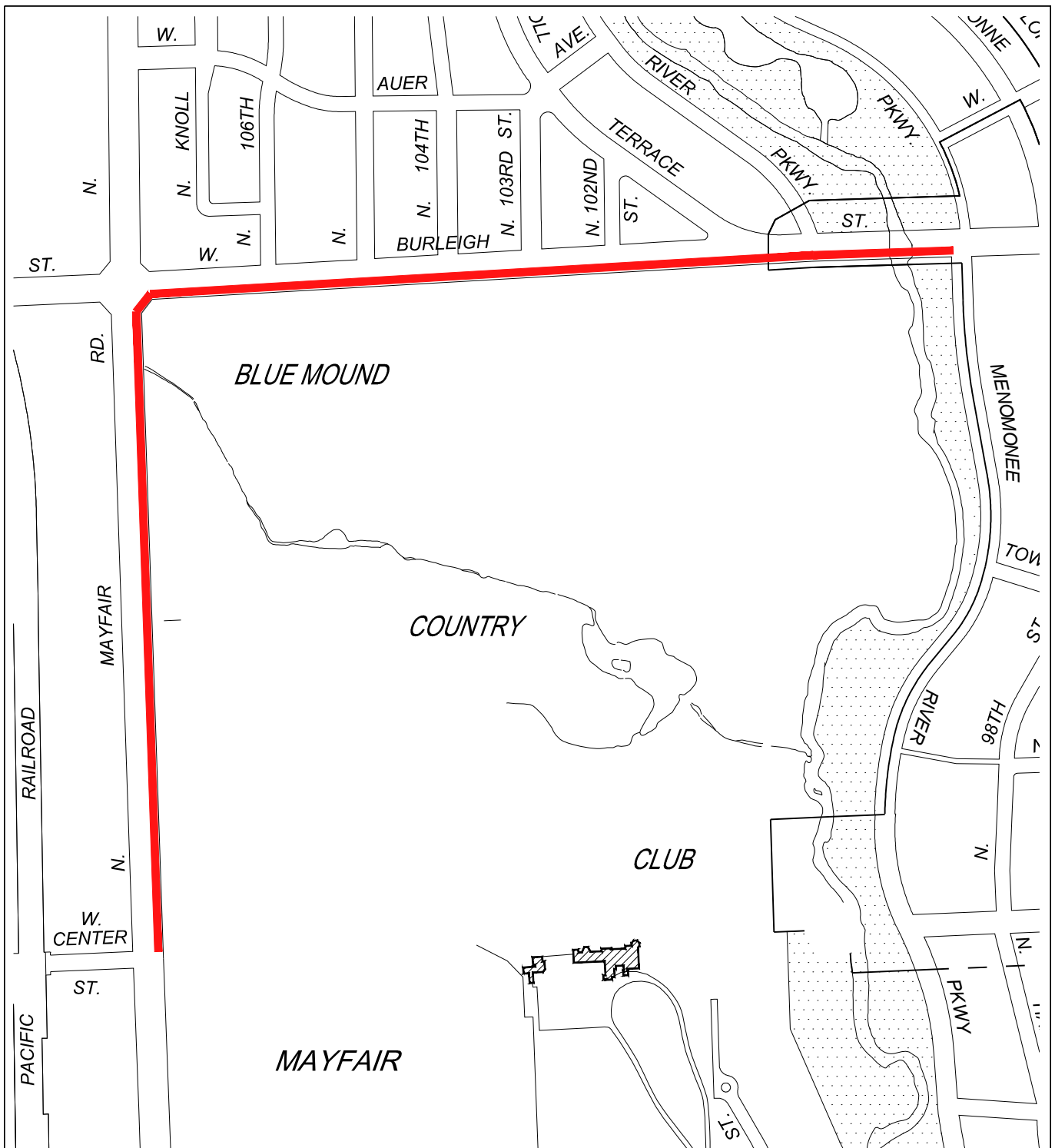
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 515,875	\$ -	\$ -	\$ -	\$ -	\$ 515,875
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 515,875	\$ -	\$ -	\$ -	\$ -	\$ 515,875

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ 53,125	\$ -	\$ -	\$ -	\$ -	\$ 53,125
Design - other		\$ -	\$ 25,000					\$ 25,000
Engineering and Overhead		\$ -	\$ 12,750	\$ -	\$ -	\$ -	\$ -	\$ 12,750
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 425,000	\$ -	\$ -	\$ -	\$ -	\$ 425,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 515,875	\$ -	\$ -	\$ -	\$ -	\$ 515,875

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ 515,875	\$ -	\$ -	\$ -	\$ -	\$ 515,875
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 515,875	\$ -	\$ -	\$ -	\$ -	\$ 515,875



2018 Project (Asphalt Path)

N. Mayfair Rd.

W.Center St. to W. Burleigh St.

W. Burleigh St.

N. Mayfair Rd. to Oak Leaf Trail at Menomonee River Pkwy.

Project #1115

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

IDENTIFICATION

Project Title:	Glenview & Harwood Intersection Reconstruction
Project No.	1116

PROJECT DESCRIPTION

Justification:

The intersection of Glenview Ave and Harwood Ave will be completely reconfigured and reconstructed. Final timing and layout will need results of traffic study underway by MRMC. Year of construction has been tentatively placed in 2022 as a place holder. Adjacent paving project and/or projected traffic volumes may dictate a different year of construction.

Year of Construction: 2022 Expected Life of Item/Project: 20
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ 110,250	\$ 908,460	\$ 1,018,710
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 206,000	\$ 222,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 257,500	\$ 277,500
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 146,250	\$ 1,371,960	\$ 1,518,210

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 146,250	\$ -	\$ 146,250
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,960	\$ 39,960
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,332,000	\$ 1,332,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 146,250	\$ 1,371,960	\$ 1,518,210

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ 110,250	\$ 908,460	\$ 1,018,710
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 206,000	\$ 222,000
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 257,500	\$ 277,500
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 146,250	\$ 1,371,960	\$ 1,518,210

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

IDENTIFICATION

Project Title:	Pavement Repairs and Spot Improvements
Project No.:	1618

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. For 2018 we are anticipating repairing North Ave between Mayfair Road and 118th Street.

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

Year of Construction:	Annual	Expected Life of Item/Project:	10 years
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

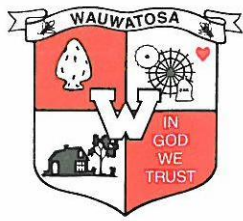
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ 467,247	\$ 230,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 302,100	\$ 1,407,500
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ 50,000					\$ 50,000
Total	\$ -	\$ 467,247	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 302,100	\$ 1,457,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ 6,385	\$ 7,950	\$ 8,100	\$ 8,250	\$ 8,400	\$ 8,550	\$ 41,250
Design - other		\$ -	\$ -					\$ -
Engineering and Overhead		\$ 6,385	\$ 7,950	\$ 8,100	\$ 8,250	\$ 8,400	\$ 8,550	\$ 41,250
Land Acquisition		\$ -						\$ -
Construction	\$ 3,528	\$ 454,477	\$ 265,000	\$ 270,000	\$ 275,000	\$ 280,000	\$ 285,000	\$ 1,375,000
Other		\$ -						\$ -
Total	\$ 3,528	\$ 467,247	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 302,100	\$ 1,457,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation	\$ 1,966	\$ 467,247	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 302,100	\$ 1,457,500
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water	\$ 1,561	\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 3,528	\$ 467,247	\$ 280,900	\$ 286,200	\$ 291,500	\$ 296,800	\$ 302,100	\$ 1,457,500



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

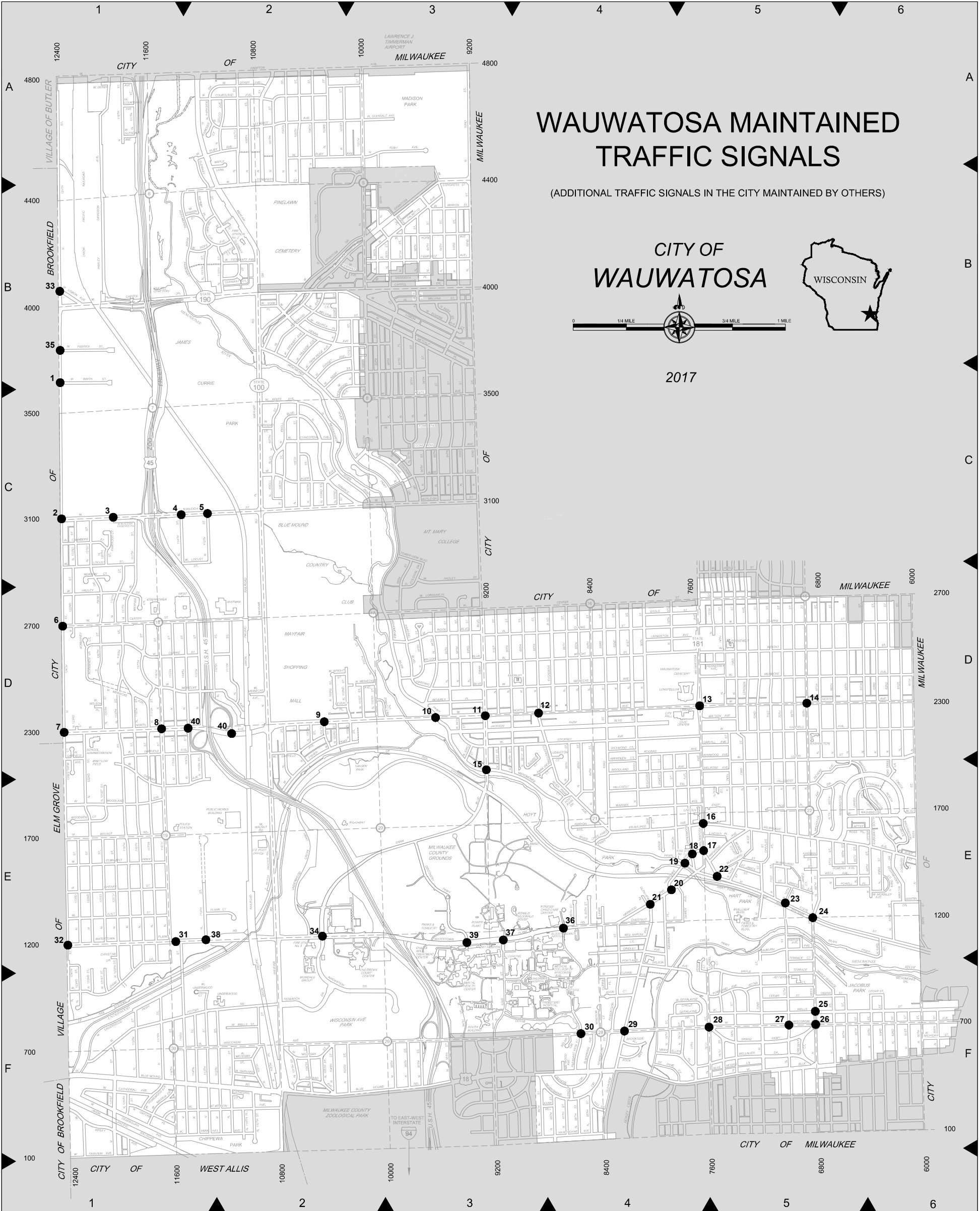
TRAFFIC CONTROL

Overview: There are many traffic signals in the City. The City is responsible for 40 intersections. Milwaukee controls 14 signals, and DOT maintains 23 signalized intersections.

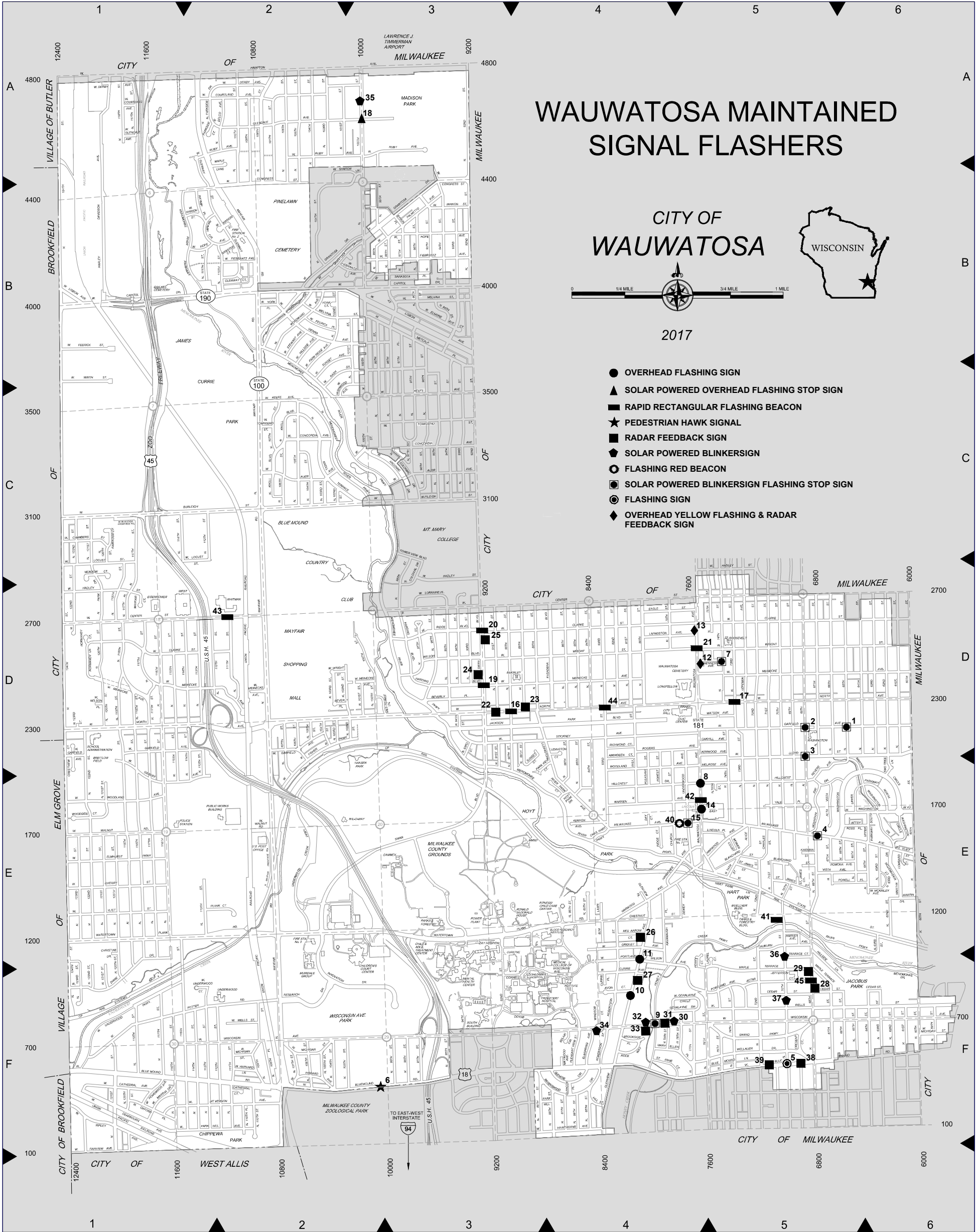
Narrative: As part of the 2017 Village improvements project, traffic signals will be replaced at Harmonie Avenue & Underwood, and at Wauwatosa Ave and State Street.

As part of the 2018 Village improvements project, traffic signals will be newly installed at 72nd & State facilitating pedestrian crossings of State and traffic flow into and out of Hart Park. Also part of this project will be the replacement of traffic signals at 70th & State and an upgrade to the signals at 68th & State to provide for an eastbound left turn signal phase.

Additional funds are programmed to replace traffic signals at 68th & Wells, 68th & Wisconsin, 70th & Wisconsin, and 76th & Wisconsin as part of planned roadwork on 68th street.



- | | | |
|---|--|--|
| 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 |
| 13 - W. NORTH AVE & WAUWATOSA AVE | 26 - W. WISCONSIN AVE & N. 68TH ST | 39 - WATERTOWN PLANK RD & DISCOVERY PKWY |
| | | 40 - HWY 45 & NORTH AVE ON RAMPS - TEMPORARY |



WAUWATOSA MAINTAINED SIGNAL FLASHERS

CITY OF
WAUWATOSA



2017

- OVERHEAD FLASHING SIGN
- ▲ SOLAR POWERED OVERHEAD FLASHING STOP SIGN
- RAPID RECTANGULAR FLASHING BEACON
- ★ PEDESTRIAN HAWK SIGNAL
- RADAR FEEDBACK SIGN
- ◆ SOLAR POWERED BLINKERSIGN
- FLASHING RED BEACON
- SOLAR POWERED BLINKERSIGN FLASHING STOP SIGN
- FLASHING SIGN
- ◆ OVERHEAD YELLOW FLASHING & RADAR FEEDBACK SIGN

- | | | |
|---|---|--|
| 1 - 65th ST & GARFIELD AVE | 22 - 91st ST & NORTH AVE | 34 - WISCONSIN AVE & WINDSOR CT |
| 2 - 68th ST & GARFIELD AVE | 23 - 89th ST & NORTH AVE | 35 - 100th ST NORTH OF W GLENDALE AVE |
| 3 - 68th ST & LLOYD ST | 24 - SWAN BLVD BETWEEN WILSON BLVD & HARDING BLVD | 36 - 70th ST & TERRACE CT |
| 4 - 68th ST & MILWAUKEE AVE | 25 - SWAN BLVD BETWEEN WRIGHT ST & CLARKE ST | 37 - 70th ST BETWEEN WELLS ST & CEDAR ST |
| 5 - 70th ST & BLUEMOUND RD | 26 - GLENVIEW AVE BETWEEN GRIDLEY AVE & RED ARROW CT | 38 - 69th & BLUE MOUND RD |
| 6 - 100th ST & BLUEMOUND RD | 27 - GLENVIEW AVE SOUTH OF AVON CT | 39 - BLUE MOUND RD WEST OF 71st ST |
| 7 - 74th ST & HENNESSEY AVE | 28 - 68th ST & MAPLE TERRACE | 40 - MILWAUKEE AVE & UNDERWOOD AVE (E BOUND) |
| 8 - WAUWATOSA AVE & HILLCREST DR | 29 - 68th ST & CEDAR ST | 41 - 70th ST & CHESTNUT ST |
| 9 - WISCONSIN AVE & HONEY CREEK PKWY | 30 - WISCONSIN AVE EAST OF 78th ST | 42 - WAUWATOSA AVE & WARREN AVE |
| 10 - GLENVIEW AVE BETWEEN ST. JUDES CT & CURRIE AVE | 31 - WISCONSIN AVE EAST OF 79th ST | 43 - 111th ST & CENTER ST |
| 11 - GLENVIEW AVE BETWEEN CURRIE AVE & GRIDLEY AVE | 32 - WISCONSIN AVE WEST OF HONEY CREEK PKWY (W BOUND) | 44 - 83rd ST & NORTH AVE |
| | 33 - WISCONSIN AVE WEST OF HONEY CREEK PKWY (E BOUND) | 45 - 68th ST & AETNA CT |

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

IDENTIFICATION

Project Title:	Signalized Intersection Improvements
Project No.:	2618

PROJECT DESCRIPTION

Justification:
Modern traffic signals can reduce congestion and increase safety. Twelve intersections are planned for traffic signal upgrades over the next 5-years. The Village Plan (Project 1106) includes funding for future upgrades to 5 intersections: 72nd/State, 70th/State, Harmonie/Harwood, Glenview/Harwood, and Harmonie/Wauwatosa. The various paving project sheets contain funding for signal replacements at five other intersections: 68th/Wells, 68th/Wisconsin, North/Menomonee, North/Wauwatosa, and Wauwatosa/Milwaukee. Funding for the two intersection upgrades outside of the paving program, 70th/Wisconsin and 76th/Wisconsin, is shown below.

Year of Construction: 2018-2022 Expected Life of Item/Project: 20 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

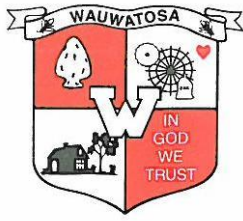
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 50,000	\$ 400,000	\$ -	\$ 450,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 400,000	\$ -	\$ 450,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -			\$ 50,000			\$ 50,000
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 400,000	\$ -	\$ 450,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ 50,000	\$ 400,000	\$ -	\$ 450,000
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 400,000	\$ -	\$ 450,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRANSPORTATION: STREET LIGHTING

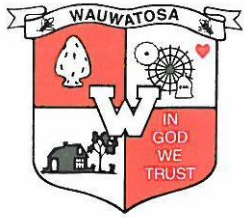
Overview: The City of Wauwatosa maintains approximately 6,000 streetlights, and over one million feet of cable. The system is divided into 47 substations that are maintained by the Traffic and Electrical Division of the Public Works Department. An updated map depicting those substations follows this 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 22% converted to LED system lighting. The conversion has been shown to save energy costs and will continue to reduce staff time related to bulb change outs.

Planned for 2018 is continuation of a major renewal of the lighting in conjunction with the paving program. In order to work within budget constraints staff has 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>
2018	\$ 394,969
2019	\$ 810,693
2020	\$ 825,651
2021	\$ 630,906
2022	\$ 92,708
TOTAL 5 YEAR INVESTMENT	\$2,754,927



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TRANSPORTATION: SIDEWALKS

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

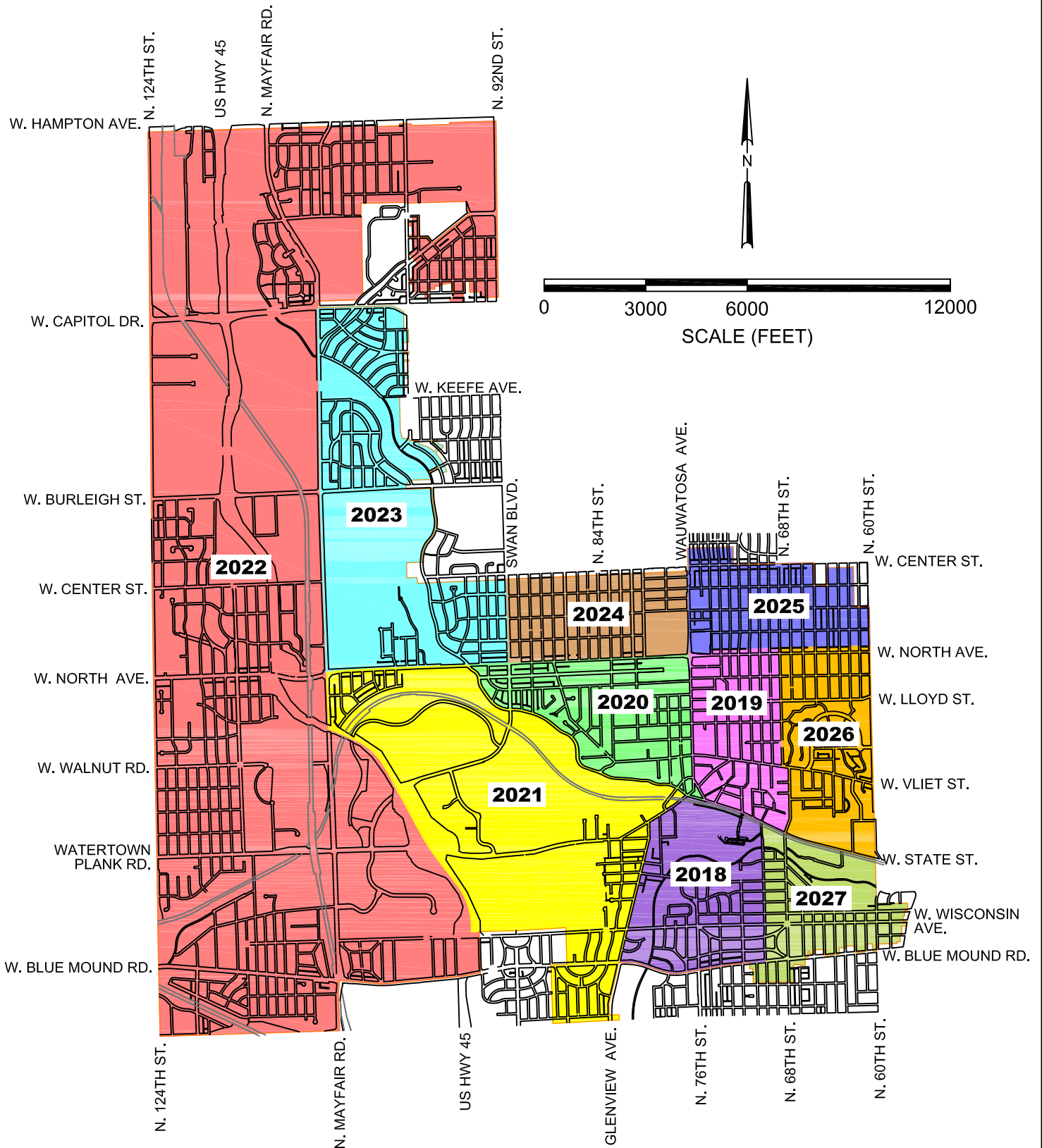
Narrative: Sidewalks are maintained in three different ways. First, the City Engineering Department inspects approximately one tenth of the sidewalks in the City on an annual basis. Sections of deteriorated sidewalk are noted and assembled into a list for replacement the following year. A contract is 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. Another example of this are the proposed sidewalks along the south side of Center Street that will be constructed in 2019. These new sidewalks will complete a gap in the existing sidewalks and provide a continuous connection for students to the locations 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 2018 is the south-central area of the City.

THIS PAGE LEFT INTENTIONALLY BLANK



WAUWATOSA, WISCONSIN

PROPOSED SIDEWALK REPAIR PROGRAM 2018 - 2027

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

IDENTIFICATION

Project Title:	Sidewalk Improvement Program
Project No.:	2018

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 abutting property owners.

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

Year of Construction: Annual Expected Life of Item/Project: 40 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

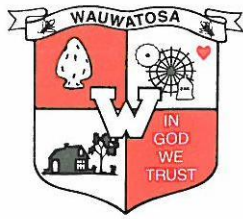
Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 240,500	\$ 240,500	\$ 242,905	\$ 245,310	\$ 247,715	\$ 250,120	\$ 252,525	\$ 1,238,575
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment	\$ 409,500	\$ 409,500	\$ 413,595	\$ 417,690	\$ 421,785	\$ 425,880	\$ 429,975	\$ 2,108,925
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 650,000	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 682,500	\$ 3,347,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ 125,000	\$ 126,250	\$ 127,500	\$ 128,750	\$ 130,000	\$ 131,250	\$ 643,750
Design - other		\$ -						\$ -
Engineering and Overhead		\$ 25,000	\$ 25,250	\$ 25,500	\$ 25,750	\$ 26,000	\$ 26,250	\$ 128,750
Land Acquisition		\$ -						\$ -
Construction	\$ 330,558	\$ 500,000	\$ 505,000	\$ 510,000	\$ 515,000	\$ 520,000	\$ 525,000	\$ 2,575,000
Other		\$ -						\$ -
Total	\$ 330,558	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 682,500	\$ 3,347,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation	\$ 312,760	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 682,500	\$ 3,347,500
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 17,798	\$ -						\$ -
Total	\$ 330,558	\$ 650,000	\$ 656,500	\$ 663,000	\$ 669,500	\$ 676,000	\$ 682,500	\$ 3,347,500



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.

In 2017 the Oak Leaf Trail pedestrian bridge over Menomonee River at Hart Park Lane was replaced. A contract for maintenance on the North Avenue bridges over the Menomonee River was completed in 2017. Also in 2017, a thin epoxy overlay was placed upon the 70th Street Bridge. A similar treatment is proposed for the 68th Street bridge coordinated with the repaving of 68th Street

Replacement of the four North Avenue bridges over the Menomonee River and the Wisconsin Ave bridge over Honey Creek are included in this program.

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

IDENTIFICATION

Project Title:	Bridge Spot Repair
Project No.:	2218

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 2021 funds include a thin epoxy overlay of the 68th Street bridge over the Menomonee River

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

Year of Construction: Annual Expected Life of Item/Project: 20 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 115,500	\$ 50,000						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ 65,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 178,605	\$ 68,463	\$ 425,568
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 115,500	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 178,605	\$ 68,463	\$ 425,568

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house	\$ -	\$ 12,500	\$ 6,250	\$ 6,438	\$ 6,631	\$ 19,330	\$ 7,409	\$ 46,057
Design - other		\$ -						\$ -
Engineering and Overhead	\$ -	\$ 3,000	\$ 1,500	\$ 1,545	\$ 1,591	\$ 4,639	\$ 1,778	\$ 11,054
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ 100,000	\$ 50,000	\$ 51,500	\$ 53,045	\$ 154,636	\$ 59,275	\$ 368,457
Other		\$ -						\$ -
Total	\$ -	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 178,605	\$ 68,463	\$ 425,568

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation	\$ 38,596	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 178,605	\$ 68,463	\$ 425,568
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 38,596	\$ 115,500	\$ 57,750	\$ 59,483	\$ 61,267	\$ 178,605	\$ 68,463	\$ 425,568

**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. For design and construction, we have applied for funding thru the DOT's Local Bridge Program. If Local Bridge funds are not available, we will apply for DOT STP funding. This program allows for 80% State and Federal funding and 20% local funding. Full construction costs are shown below. As part of the project, we would replace the traffic signals at North Ave and Menomonee River Parkway. Signal design and construction cost may be 100% Wauwatosa cost. Year of construction dependent upon DOT funding.

Year of Construction:	2021	Expected Life of Item/Project:	75
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -			\$ 931,000	\$ 5,974,000		\$ 6,905,000
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 20,000	\$ 232,750	\$ 1,493,500		\$ 1,746,250
Total	\$ -	\$ 950,000	\$ -	\$ 20,000	\$ 1,163,750	\$ 7,467,500	\$ -	\$ 8,651,250

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ 950,000		\$ 20,000	\$ 906,250			\$ 926,250
Engineering and Overhead		\$ -	\$ -	\$ -	\$ 7,500	\$ 217,500	\$ -	\$ 225,000
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ -	\$ 250,000	\$ 7,250,000	\$ -	\$ 7,500,000
Other		\$ -						\$ -
Total	\$ -	\$ 950,000	\$ -	\$ 20,000	\$ 1,163,750	\$ 7,467,500	\$ -	\$ 8,651,250

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ 950,000	\$ -	\$ -	\$ 906,250	\$ 7,467,500	\$ -	\$ 8,373,750
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ 20,000	\$ 257,500	\$ -	\$ -	\$ 277,500
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 38	\$ 950,000	\$ -	\$ 20,000	\$ 1,163,750	\$ 7,467,500	\$ -	\$ 8,651,250

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

IDENTIFICATION

Project Title:	Wisconsin Ave Bridge over Honey Creek Replacement
Project No.:	2303

PROJECT DESCRIPTION

Justification:

This bridge was constructed in 1934. It is in need of replacement. During the 100-year flood event, the bridge and Wisconsin Avenue are under two feet of water which impedes emergency vehicle traffic going to MRMC. The replacement bridge will be raised above the flood elevation of Honey Creek and is planned to be widened to accommodate a pedestrian underpass. Work will involve coordination with Milwaukee County Parks to raise the elevation of Honey Creek Parkway and MMSD who owns a pump station located adjacent to the bridge. Costs shown reflect net City cost assuming DOT bridge replacement funding is available.

Year of Construction:	2022	Expected Life of Item/Project:	75
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ 90,000	\$ 375,000	\$ 502,000	\$ 967,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 25,750	\$ 27,750
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 257,500	\$ 277,500
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 206,000	\$ 222,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -			\$ 360,000		\$ 3,038,000	\$ 3,398,000
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 413,000	\$ 4,029,250	\$ 4,892,250

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 413,000	\$ -	\$ 413,000
Design - other		\$ -			\$ 450,000		\$ 450,000	\$ 900,000
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,250	\$ 104,250
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,475,000	\$ 3,475,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 413,000	\$ 4,029,250	\$ 4,892,250

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ 450,000	\$ 375,000	\$ 3,540,000	\$ 4,365,000
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 25,750	\$ 27,750
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 257,500	\$ 277,500
Water		\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 206,000	\$ 222,000
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 413,000	\$ 4,029,250	\$ 4,892,250



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.

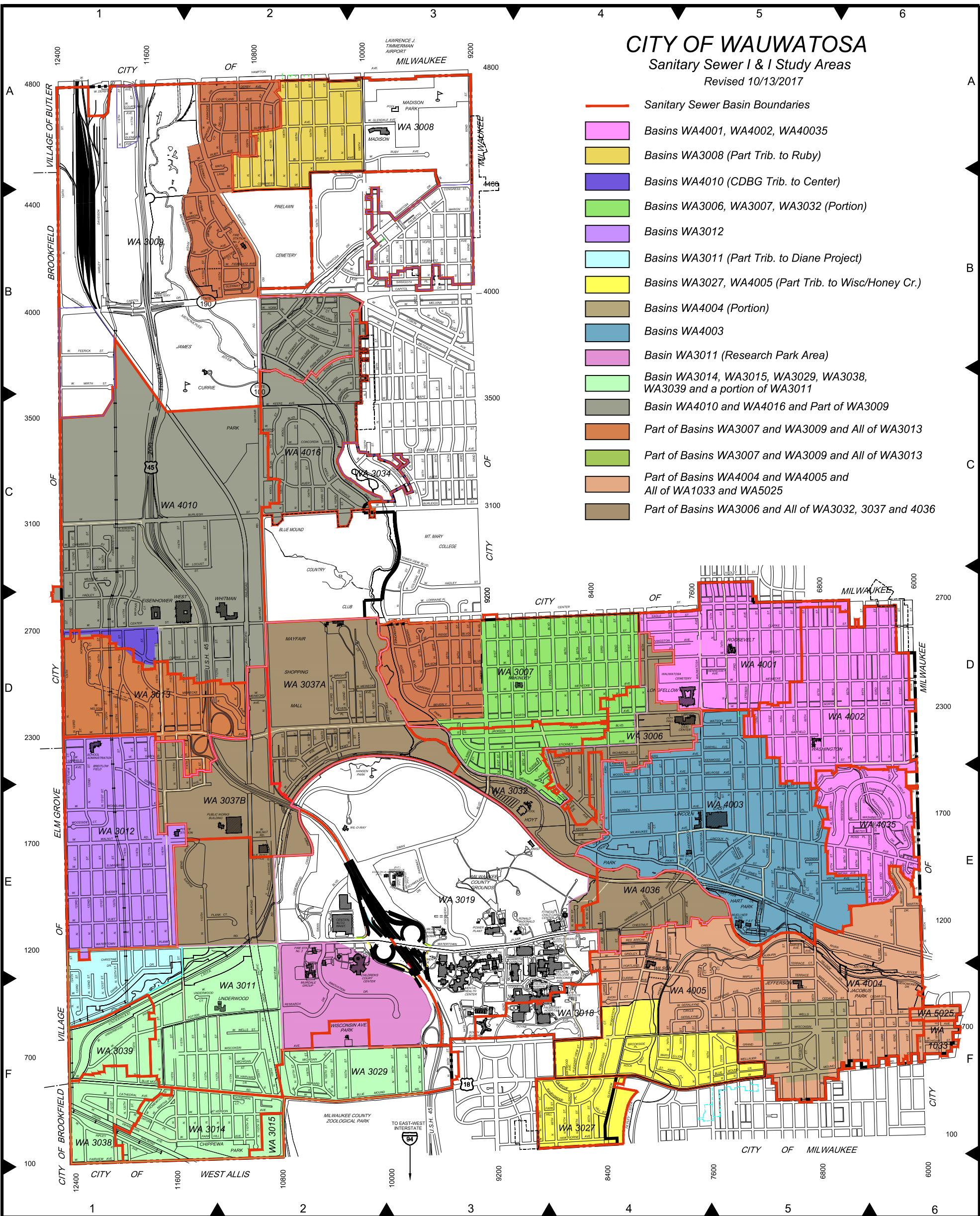
Narrative:

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 2018 are projects to be completed as part of the paving program and the City Hall south area. Some of these sewers are nearing 100-years old.

In the out years of the Capital Improvement Program, other projects include continuing to line and grout public sewers outside of the paving program. These 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.



STREET INDEX

N. 59th St.	D - 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. Dearborn 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	W. Harvard La.	E5	Martha Washington Dr.	E6	Pasadena Blvd.	D4	W. Townsend St.	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	Diane Dr.	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.	C2	Doyle Ave.	E4	W. Hibbard Ave.	F2	N. Mayfair Frontage Rd.	E2	Pleasant View St.	F4	W. Underwood Pkwy.	F1
N. 65th St.	D - F5	N. 100th St.	A - C2, D3	Avon Ct.	F4	Eagle St.	D4	W. Highwood Ave.	C2	N. Mayfair Rd.	A1, B - F2	Portland Ave.	F4	Upper Parkway North	E5, 6
N. 66th St.	D - F5	N. 101st St.	A - D2	Betsy Ross Pl.	E5, 6	Elm Lawn	E4	Hill St.	F4	Maywood Ave.	F4	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	Hilcrest Dr.	E4, 5	Maywood Ct.	F4	Powell Pl.	E5, 6	W. Vienna Ave.	E2
N. 68th St.	D - F5	N. 103rd St.	A, C, D, F2	Blanchard St.	E5	Elm Spring Ave.	F4	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	W. Fairview Ave.	F1	Hillside La.	F5	Meadow Ct.	C1	Raymir Cir.	B2	W. Villet St.	E1
N. 70th St.	D - F5	N. 105th St.	A, C, D, F2	W. Blue Mound Rd.	F1 - 6	Fainwood Ct.	C1	W. Homewood Ave.	F1	W. Meinecke Ave.	D1 - 6	Red Arrow Ct.	B2	W. Walnut Rd.	E1, 2
N. 71st St.	D - F5	N. 106th St.	A, C, D, F2	Brookside Pl.	F4	W. Feenick Pl.	B2	Honey Creek Pkwy.	E, F4, E5	Meinrose Ave.	E5	Research Dr.	E5	Warren Ave.	E4
N. 72nd St.	D - F5	N. 107th St.	A - D, F2	W. Burleigh Frontage Rd.	C1	W. Feenick St.	B1	W. Hope Ave.	B2, 3	W. Melvina St.	B2	Revere Ave.	E4	W. Washington Blvd.	E5, 6
N. 73rd St.	D - F5	N. 108th Pl.	F2	W. Burleigh St.	F2	W. Fiebrantz Ave.	B2, 3	Hoyt Park Dr.	F6	Menomonee Dr.	F6	Richmond Ct.	D3	Watertown Plank Rd.	E1 - 4
N. 74th St.	D - F5	N. 109th St.	A2	W. Byron Pl.	B3	W. Fisher Parkway	D2	Innovation Dr.	E, F2, F3	Menomonee River Pkwy.	D3, 4	Ridge Blvd.	D4	Watson Ave.	D5
N. 75th St.	D - F5	N. 109th St.	A, F2	W. Capitol Dr.	B1, 2	Forest St.	D, E4	Jackson Park Blvd.	D3, 4	N. Menomonee River Pkwy.	C2, 3	Ridge Ct.	E4	Webster Ct.	D, E5
N. 76th St.	D - F5	N. 110th Pl.	F2	W. Cathedral Ave.	F1	W. Garfield Ave.	D1, 2, 5, 6	Kavanaugh Pl.	E4	Met to Vee Ln.	D3	River Park Ct.	E4	Wellauer Dr.	F5
N. 77th St.	D - F4	N. 110th Pl.	F2	Cathedral Ct.	F2	Geralayne Cir.	F4	W. Keefe Ave.	D5	W. Michigan St.	F2, 3	River Pkwy.	E5, 6	W. Wells St.	F2, 5, 6
N. 78th St.	D, F4	N. 111th St.	A, B, D, F2	Cedar St.	F5	W. Gilbert Ave.	D, E1	Kenwood Ave.	D5	Milwaukee Ave.	E4 - 6	Robertson Ave.	E, F4	Wilson Blvd.	D3
N. 79th St.	F4	N. 112th St.	D - F1	W. Center St.	D1 - 6	Glencoe Cir.	E4	Kenyon Ave.	E5	Mountain Ave.	E5	Rockway	F1	W. Wirth St.	B1
N. 80th St.	D1	N. 113th St.	D - F1	Charles Hart Pkwy.	E4	Glencoe Pl.	C2	Kinsman St.	E5	Mower Ct.	F4	Rogers Ave.	D4	W. Wisconsin Ave.	F1 - 6
N. 81st St.	D, E4	N. 114th St.	C, D, F1	W. Chambers St.	C1	W. Glendale Ave.	A1 - 3	N. Knoll Blvd.	C2	W. Mt. Vernon Ave.	F1, 2	Romona Ave.	E5	Woodland Ave.	E1, 4
N. 82nd St.	D4	N. 115th St.	D, F1	W. Cherry St.	E1	Glenview Ave.	E, F4	N. Knoll Terrace	C2	W. Nash St.	B, C2	St. James St.	E4	Woodside Ct.	E1
N. 83rd St.	D, E4	N. 116th St.	C - F1	Chestnut St.	E4, 5	Glenview Pl.	E4	Laurel Ct.	F5	W. Nelson Pl.	D1	St. Jude Ct.	E4, 5	W. Woodward Ave.	B2
N. 84th St.	D, E4	N. 117th St.	D, F1	Christine Dr.	E1	Glenview Pl.	E4	Lefebvre Ave.	D5	W. Palmetto Ave.	B3	St. James St.	E5	Yale Pl.	D2 - 6
N. 85th St.	D, F4	N. 118th St.	A, C - F1	Church St.	E1	Glenview Pl.	E4	Lincoln Pl.	B2	W. Park Drive	D1	St. John St.	E4, 5	York Ct.	B2
N. 86th St.	D, F4	N. 119th St.	B, D, E1	W. Clarke St.	D1, 3 - 6	Glenview Pl.	B2	W. Lisbon Ave.	B3	W. Park Hill Ave.	F1 - 3, 5	St. Joseph St.	E4, 5	W. York Pl.	B2
N. 87th St.	E, F4	N. 120th St.	A, D - F1	W. Concordia Ave.	C2	Grand Parkway	F5	Livingston Ave.	D4	W. Park Ridge Ave.	B2	Sunset Ct.	D3, 4		
N. 88th St.	D, F4	N. 121st St.	B - D, F1	W. Congress St.	A2, 3	W. Grantosa Dr.	B2, 3	Ludington Ave.	D, E4						
N. 89th St.	D, F3	N. 122nd St.	C, E, F1	Connell Ave.	F3, 4	Gridley Ave.	E4	Ludington Ct.	D4						
N. 90th St.	D3	N. 123rd St.	C - F1	W. Courtland Ave.	A2, 3	W. Hadley St.	D1	Maple Lane	A2						
N. 91st St.	D3	N. 124th St.	F1	Crescent Ct.	F5	N. Harding Blvd.	D3	Maple Terrace	F5						
N. 92nd St.	A, B, E, F3	N. 124th St.	A - E1	Crestview Ct.	D1	Harding Blvd.	D3								
				Currie Avenue	F4	Harley Davidson Ave.	A, B1								
				Currie Place	F4	Harmonie Ave.	E4								

**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 that 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:	2018-TBD	Expected Life of Item/Project:	72 years
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San	\$ 1,120,000	\$ 1,180,865	\$ 80,000	\$ 1,330,000	\$ 1,330,000	\$ 1,330,000	\$ 6,533,290	\$ 10,603,290
Rate-backed Bonds- Storm		\$ 160,000	\$ 150,000	\$ 695,000	\$ 1,004,000	\$ 1,287,500	\$ 1,461,570	\$ 4,598,070
Rate-backed Bonds - Water		\$ 80,000	\$ 80,000	\$ 1,118,000	\$ 1,229,000	\$ 1,237,000	\$ 1,339,000	\$ 5,003,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 1,120,000	\$ 1,420,865	\$ 310,000	\$ 3,143,000	\$ 3,563,000	\$ 3,854,500	\$ 9,333,860	\$ 20,204,360

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 80,000						\$ -
Design - other		\$ 440,000	\$ 310,000	\$ 568,000	\$ 576,000	\$ 404,000	\$ -	\$ 1,858,000
Engineering and Overhead		\$ 30,000	\$ -	\$ 75,000	\$ 87,000	\$ 100,500	\$ 271,860	\$ 534,360
Land Acquisition		\$ -						\$ -
Construction	\$ 1,359,891	\$ 870,865	\$ -	\$ 2,500,000	\$ 2,900,000	\$ 3,350,000	\$ 9,062,000	\$ 17,812,000
Other		\$ -						\$ -
Total	\$ 1,359,891	\$ 1,420,865	\$ 310,000	\$ 3,143,000	\$ 3,563,000	\$ 3,854,500	\$ 9,333,860	\$ 20,204,360

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 1,359,747	\$ 1,100,865	\$ 80,000	\$ 1,330,000	\$ 1,330,000	\$ 1,330,000	\$ 6,533,290	\$ 10,603,290
Storm Sewers		\$ 240,000	\$ 150,000	\$ 695,000	\$ 1,004,000	\$ 1,287,500	\$ 1,461,570	\$ 4,598,070
Water		\$ 80,000	\$ 80,000	\$ 1,118,000	\$ 1,229,000	\$ 1,237,000	\$ 1,339,000	\$ 5,003,000
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 145	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,359,891	\$ 1,420,865	\$ 310,000	\$ 3,143,000	\$ 3,563,000	\$ 3,854,500	\$ 9,333,860	\$ 20,204,360

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

IDENTIFICATION

Project Title:	City Hall South 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 underway in 2017 with phased construction to begin in 2018. Future phases will include upsized storm sewer in 83rd Street and additional sanitary sewer work. Timing of this work to be determined at a later time.

Year of Construction:	2018-2022	Expected Life of Item/Project:	72 years
Request made by: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San	\$ 80,000	\$ 160,000	\$ 1,030,000	\$ -	\$ -	\$ -	\$ -	\$ 1,030,000
Rate-backed Bonds- Storm	\$ 240,000	\$ 480,000	\$ 3,862,500	\$ -	\$ -	\$ -	\$ -	\$ 3,862,500
Rate-backed Bonds - Water		\$ 64,960	\$ 963,308	\$ -	\$ -	\$ -	\$ -	\$ 963,308
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 320,000	\$ 704,960	\$ 5,855,808	\$ -	\$ -	\$ -	\$ -	\$ 5,855,808

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 704,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 170,558	\$ -	\$ -	\$ -	\$ -	\$ 170,558
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ 5,685,250	\$ -	\$ -	\$ -	\$ -	\$ 5,685,250
Other		\$ -						\$ -
Total	\$ -	\$ 704,960	\$ 5,855,808	\$ -	\$ -	\$ -	\$ -	\$ 5,855,808

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 2,170	\$ 160,000	\$ 1,030,000	\$ -	\$ -	\$ -	\$ -	\$ 1,030,000
Storm Sewers	\$ 6,510	\$ 480,000	\$ 3,862,500	\$ -	\$ -	\$ -	\$ -	\$ 3,862,500
Water		\$ 64,960	\$ 963,308	\$ -	\$ -	\$ -	\$ -	\$ 963,308
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 7,303	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 15,983	\$ 704,960	\$ 5,855,808	\$ -	\$ -	\$ -	\$ -	\$ 5,855,808

**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 or 2019. Depending upon the sewer relay route selected, construction would likely occur either in 2019, or in 2020, as part of the repaving of 68th Street.

Year of Construction: 2019 Expected Life of Item/Project: 72 years

Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: William Wehrley, City Engineer			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 357,000	\$ 1,095,000
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	\$ 357,000	\$ 1,095,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 96,000
Design - other		\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000	\$ 24,000	\$ 72,000
Engineering and Overhead		\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000	\$ 9,000	\$ 27,000
Land Acquisition		\$ -						\$ -
Construction	\$ 1,104	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 900,000
Other		\$ -						\$ -
Total	\$ 1,104	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 357,000	\$ 1,095,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 1,104	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 357,000	\$ 1,095,000
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,104	\$ -	\$ -	\$ 24,000	\$ 357,000	\$ 357,000	\$ 357,000	\$ 1,095,000

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

IDENTIFICATION

Project Title:	Sanitary Sewer Spot Improvements
Project No.:	3018

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: Annual Expected Life of Item/Project: 72 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ 51,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 57,964	\$ 273,420
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 57,964	\$ 273,420

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ 1,500	\$ 1,500	\$ 1,545	\$ 1,591	\$ 1,639	\$ 1,688	\$ 7,964
Land Acquisition		\$ -						\$ -
Construction	\$ 14,349	\$ 50,000	\$ 50,000	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 265,457
Other		\$ -						\$ -
Total	\$ 14,349	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 57,964	\$ 273,420

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 12,279	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 57,964	\$ 273,420
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 2,071	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 14,349	\$ 51,500	\$ 51,500	\$ 53,045	\$ 54,636	\$ 56,275	\$ 57,964	\$ 273,420

**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 each year.

Year of Construction: Annual Expected Life of Item/Project: 72 years

Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

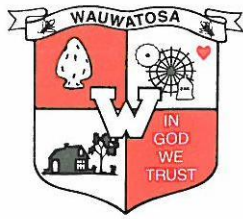
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Rate-backed Bonds- San		\$ -	\$ 20,000	\$ 277,500	\$ 277,500	\$ 277,500	\$ 277,500	\$ 1,130,000
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 20,000	\$ 277,500	\$ 277,500	\$ 277,500	\$ 277,500	\$ 1,130,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000
Engineering and Overhead		\$ -	\$ -	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 30,000
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,000,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 20,000	\$ 277,500	\$ 277,500	\$ 277,500	\$ 277,500	\$ 1,130,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ 20,000	\$ 277,500	\$ 277,500	\$ 277,500	\$ 277,500	\$ 1,130,000
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 20,000	\$ 277,500	\$ 277,500	\$ 277,500	\$ 277,500	\$ 1,130,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

STORM SEWERS

Overview:

While the past several years have not had major rain events that caused major flooding issues, we continue to make efforts to install relief sewers, or upsize the existing storm sewers to increase the level of protection for residents and businesses. 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.

Major storm sewer upgrades continue in the Village in 2017. A new large diameter storm sewer connecting State Street to the river has been installed as part of the Village infrastructure improvements. This sewer conveys stormwater from Wauwatosa Ave and State Street, under the railroad tracks to a new outfall to the Menomonee River in Hart Park.

Major storm water improvements are scheduled in 2018 for the Underwood Woodland area. These sewers will connect to the large storm sewers previously installed in the Milwaukee Ave reconstruction project, and will connect to new storm sewers planned for Wauwatosa Ave in 2019.

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

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 for 2018.

Year of Construction: 2018 Expected Life of Item/Project: 72 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ 39,600	\$ 509,850	\$ -	\$ -			\$ 509,850
Rate-backed Bonds- Storm		\$ 20,400	\$ 262,650	\$ -	\$ -			\$ 262,650
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 60,000	\$ 772,500	\$ -	\$ -	\$ -	\$ -	\$ 772,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 60,000	\$ -	\$ -				\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 22,500	\$ -	\$ -	\$ -	\$ -	\$ 22,500
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Other		\$ -						\$ -
Total	\$ -	\$ 60,000	\$ 772,500	\$ -	\$ -	\$ -	\$ -	\$ 772,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ 39,600	\$ 509,850	\$ -	\$ -	\$ -	\$ -	\$ 509,850
Storm Sewers		\$ 20,400	\$ 262,650	\$ -	\$ -	\$ -	\$ -	\$ 262,650
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ 60,000	\$ 772,500	\$ -	\$ -	\$ -	\$ -	\$ 772,500

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

IDENTIFICATION

Project Title:	Storm Sewer Spot Improvements
Project No.:	4018

PROJECT DESCRIPTION

Justification:

Storm sewer spot improvements are often small stormwater construction projects outside of the paving program. In addition, sometimes these funds are used 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: Annual Expected Life of Item/Project: 72 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm	\$ -	\$ 111,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 124,931	\$ 589,314
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 124,931	\$ 589,314

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ 8,000	\$ 8,000	\$ 8,240	\$ 8,487	\$ 8,742	\$ 9,004	\$ 42,473
Design - other		\$ -						\$ -
Engineering and Overhead		\$ 3,000	\$ 3,000	\$ 3,090	\$ 3,183	\$ 3,278	\$ 3,377	\$ 15,927
Land Acquisition		\$ -						\$ -
Construction	\$ 3,914	\$ 100,000	\$ 100,000	\$ 103,000	\$ 106,090	\$ 109,273	\$ 112,551	\$ 530,914
Other		\$ -						\$ -
Total	\$ 3,914	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 124,931	\$ 589,314

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers	\$ 2,129	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 124,931	\$ 589,314
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other	\$ 1,785	\$ -						\$ -
Total	\$ 3,914	\$ 111,000	\$ 111,000	\$ 114,330	\$ 117,760	\$ 121,293	\$ 124,931	\$ 589,314

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

IDENTIFICATION

Project Title:	Knoll Blvd Storm Sewer Improvements
Project No.:	4100

PROJECT DESCRIPTION

Justification:
A low point on Knoll Blvd ponds water during heavy rain events. When the low point fills up, the water leaves the right of way and drains across private property adjacent to homes. This project will include extending larger diameter storm sewers from this low point to the Menomonee River.

Year of Construction: 2022 Expected Life of Item/Project: 75
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ 32,000	\$ 412,000	\$ 444,000
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000	\$ 412,000	\$ 444,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 32,000	\$ -	\$ 32,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000	\$ 12,000
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000	\$ 412,000	\$ 444,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ 32,000	\$ 412,000	\$ 444,000
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000	\$ 412,000	\$ 444,000

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

IDENTIFICATION

Project Title:	70th Street Storm Sewer
Project No.:	4101

PROJECT DESCRIPTION

Justification:
Localized street flooding on 70th Street between Grand and Wellauer during heavy rain events will be reduced by installing larger storm sewer. The proposed storm sewer may be located in 70th street or may be installed in 68th street as part of it's repaving.

Year of Construction: 2022 Expected Life of Item/Project: 75
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

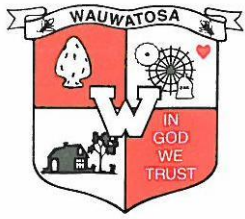
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 772,500	\$ 832,500
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,500	\$ 22,500
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 772,500	\$ 832,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 772,500	\$ 832,500
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 772,500	\$ 832,500



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.

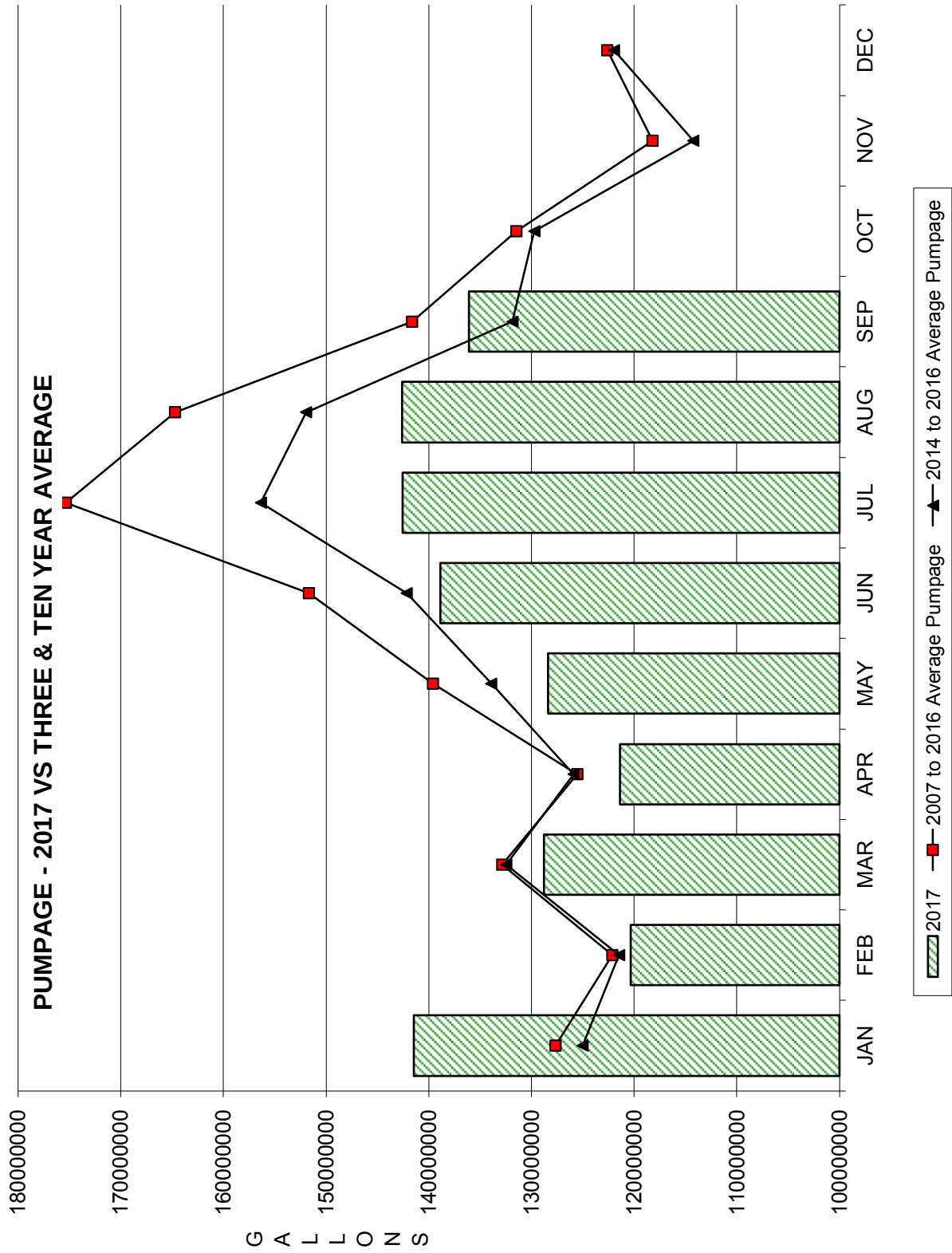
The 2018 – 2022 Capital Improvement Program (CIP) targets water main replacements associated with City paving projects. Water main replacements outside of paving projects are scheduled pending available funding.

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 initial rollout of the AMI initiative will be completed in all residential homes in 2017 with only commercial meters left to complete in future years along with any residential meters that were skipped on the first pass through the City due to age of the existing meter.

Also included in the 2018 and 2019 budget is a rehabilitation of all water utility pumping stations. The City currently operates four water pumping stations throughout the City in order to distribute drinking water at appropriate pressures throughout the City. All four stations have been evaluated in 2017 in order to determine what electrical and mechanical improvements or replacements are needed at this time. Much of the electrical equipment is original to the stations, which were built in 1964-65. Generators have been added to two of the stations, however, both are well past their useful life and we are in need of a generator at one of the remaining sites. Costs include Motor Control Center Replacements, Transformer Replacements, Generator Replacements or Additions, and the Addition of Variable Frequency Drives at all three major stations. Pumps and motors are in need of replacement or rehabilitation at all stations as well. Costs are broken down as follows and include a 30% design, administration, and contingency: 64th Street Station- \$1,001,500, Blanchard Street Station- \$741,600, Potter Road Station- \$917,750, Glenview- 19,500. (all based on R&M report, June 2017). Construction will occur over the course of 2 years.

Also included in the 2018 and 2019 budget is an exterior renovation of the Blanchard Pumping Station. 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. Work will be split over two years

and will include replacement of the steep roof in year one and the flat roof in year two. Tuck pointing and sandblasting of the exterior will occur in year two.



**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. Work will be split over two years and will include replacement of the steep roof in year one and the flat roof in year two. Tuck pointing and sandblasting of the exterior will occur in year two. Surplus will be used to pay for the painting.

Year of Construction: 2018-2019

Expected Life of Item/Project: 30 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -	\$ 35,000	\$ 105,000				\$ 140,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -	\$ 45,000					\$ 45,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 80,000	\$ 105,000	\$ -	\$ -	\$ -	\$ 185,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 80,000	\$ 105,000				\$ 185,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 80,000	\$ 105,000	\$ -	\$ -	\$ -	\$ 185,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ 80,000	\$ 105,000				\$ 185,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 80,000	\$ 105,000	\$ -	\$ -	\$ -	\$ 185,000

**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:	2018	Expected Life of Item/Project:	20 years
Request made by:			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ 3,000,000	\$ 200,000	\$ -				\$ 200,000
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ 3,000,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ 890,205	\$ 3,000,000	\$ 200,000	\$ -				\$ 200,000
Other		\$ -						\$ -
Total	\$ 890,205	\$ 3,000,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water	\$ 890,205	\$ 3,000,000	\$ 200,000	\$ -				\$ 200,000
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 890,205	\$ 3,000,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

**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 and as such they are nearing the end of their useful life. In order to balance the capital improvement needs across the community, projects to line sections of rear yard mains will only occur if budgeted funds are not needed in the Tosa East Utility Improvement budget. If funds do not become available in this 5 year budget these lining projects will take place in a future 5 year CIP.

Year of Construction:	2019-2022	Expected Life of Item/Project:	50 years
Request made by: Dave Simpson, Director of Public Works			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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:	Paint Potter Road Reservoir
Project No.:	5100

PROJECT DESCRIPTION

Justification:

The ground level storage tank on Potter Road near Underwood School has been inspected and will need to be painted both inside and outside within the next 5-8 years. An inspection is scheduled in 2017 so a better estimate for the required year of painting will be gained through that effort.

Year of Construction: 2022 Expected Life of Item/Project: 40 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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:	Electrical and Mechanical Rehabilitation of all Water Utility Pumping Stations
Project No.:	5101

PROJECT DESCRIPTION

Justification:

The City currently operates four water pumping stations throughout the City in order to distribute drinking water at appropriate pressures throughout the City. All four stations have been evaluated in 2017 in order to determine what electrical and mechanical improvements or replacements are needed at this time. Much of the electrical equipment is original to the stations, which were built in 1964-65. Generators have been added to two of the stations, however, both are well past their useful life and we are in need of a generator at one of the remaining sites. Costs include Motor Control Center Replacements, Transformer Replacements, Generator Replacements or Additions, and the Addition of Variable Frequency Drives at all three major stations. Pumps and motors are in need of replacement or rehabilitation at all stations as well. Costs are broken down as follows and include a 30% design, administration, and contingency: 64th Street Station- \$1,001,500, Blanchard Street Station- \$741,600, Potter Road Station- \$917,750, Glenview- 19,500. (all based on R&M report, June 2017). Construction will occur over 2 years.

Year of Construction:	2018-2019	Expected Life of Item/Project:	50 years
Request made by: Dave Simpson, Director of Public Works			

SOURCE OF FUNDS SUMMARY

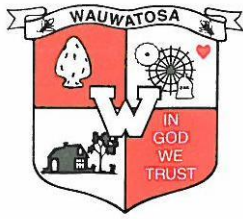
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -	\$ 1,919,250	\$ 761,100				\$ 2,680,350
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 1,919,250	\$ 761,100	\$ -	\$ -	\$ -	\$ 2,680,350

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -	\$ 321,642					\$ 321,642
Engineering and Overhead		\$ -	\$ 80,411					\$ 80,411
Land Acquisition		\$ -						\$ -
Construction		\$ -	\$ 1,517,198	\$ 761,100				\$ 2,278,298
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 1,919,250	\$ 761,100	\$ -	\$ -	\$ -	\$ 2,680,350

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -	\$ 1,919,250	\$ 761,100				\$ 2,680,350
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 1,919,250	\$ 761,100	\$ -	\$ -	\$ -	\$ 2,680,350



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 five components.

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

I. Civic Center

Due to the possibility that the Civic Center site may be redeveloped minimal work is planned for the Civic Center in 2018. It is anticipated that direction will be given in 2018 and if redevelopment is proposed, future projects will be reconsidered. If the building is to remain in service, the following projects will be considered. In 2019, addition of a small high efficiency condensing boiler to the City Hall boiler plant to be used primarily in the "shoulder" seasons of Spring and Fall when the current boilers minimum are too much heat for the demand required and during the summer months when dehumidification is required. A condensing boiler gives the ability to run only when needed and at a much lower temperature verses maintaining a constant 140 degree hot water temp. In 2020, replacement of the soffit and fascia is planned.

II. Hart Park

In 2018, the southern tennis courts will be resurfaced to remove the holes that have developed as the aggregate comes out of the surface layer. Also in 2018 will be the replacement of the lights at the northern tennis courts and the addition of lights to the volleyball courts, which is planned in conjunction with the Village project that will be reconstructing portions of Hart Park Lane.

III. Public Works Garage

The existing Public Works Facility was constructed in 1961/62 and has had no remodeling completed since its construction 56 years ago. The building is outdated in many ways including functionality, current day code compliance,

and ADA compliance issues. An Architectural, Structural, Mechanical, Electrical, and Plumbing Assessment was completed in July of 2017 by Barrientos Design and Consulting in order to fully evaluate the needs of the Public Works Facility and to establish a more complete project budget. An evaluation of the roof was completed concurrently and has revealed a 70% failure of one section of the lower roof, which is above the administration and locker area of the building. Based on the priorities established in the Barrientos Study and the roof analysis, the proposed remodel in 2018 will include a remodel of the existing locker facilities, restrooms, lunch room, meeting rooms, and administration areas. It will also include roof replacement in the area of current failure, improved ADA access to the building with a relocated main entrance, HVAC replacement in the remodeled area, and replacement of the main electrical panel for the building. This project is very important to the success of the newly reorganized Department of Public Works and will help facilitate efficiency and improved customer service for years to come. In conjunction with the remodel, the existing truck scale will be automated to lessen the administration needed to operate the scale. An existing failed pump and valve that are part of the boiler system will be replaced as it is currently leaking and there is no repair options.

IV. Police Station

Existing Facility- In 2019, the police department parking lot will be rehabilitated and security fencing added in 2020. This was a recommendation of the Center for Public Safety Management Study.

East Side Facility- Current police complex facility is at capacity for housing personnel when current full-staffing is achieved. Projected additions to services provided and growth within existing departmental functions have begun to outstrip the capability of the current building. Creating a facility on the east side of the City to house the Patrol Division would answer the space issue while establishing a distinct, solid, citizen-friendly and engagement-accessible police presence on the City's east side. The current facility would continue to house administrative, investigative, communications, records, special operations, and training (with emphasis on enhancing/enlarging in-house training opportunities and --- potentially --- a combined, multi-jurisdictional dispatch center). Cost does not include land acquisition and assumes construction cost of \$100 per square foot for a 10,000 sq. foot facility.

V. Fire Department

Existing Structures

Fire Station 53 (10525 Watertown Plank) – In 2018 the kitchen at St 53 will be remodeled including flooring, cabinets, counters, and windows if budget

allows. This project will also include converting existing lighting to LED fixtures where possible.

Fire Training Center (11100 W Walnut Rd) – In 2018 the Fire Training Center (FTC) will be repaired and upgraded to increase safety and effectiveness. Some of the changes include adding an additional fire hydrant near the training tower, cutting in additional windows to allow for better ladder rescue training, adding live fire capability to the second floor, and rebuilding the roof simulator.

Future Structure

Mayfair Collection Station – As part of the Mayfair Collection project, the city obtained a plot of land on the Collection grounds. This land was dedicated to be used as the location for a new fire station. As of today, it is anticipated that the existing Station 52 (4187 N. Mayfair Rd) would be relocated to this location to better serve the growing area.

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

IDENTIFICATION

Project Title:	Condensing Boiler for City Hall Complex
Project No.:	6019

PROJECT DESCRIPTION

Justification:

Add a small high efficiency condensing boiler to the City Hall boiler plant to be used primarily in the "shoulder" seasons of Spring and Fall when the current boilers minimum are too much heat for the demand required and during the summer months when dehumidification is required. A condensing boiler gives the ability to run only when needed and at a much lower temperature verses maintaining a constant 140 degree hot water temp.

Year of Construction: 2019

Expected Life of Item/Project: 20 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: Exterior Upgrades- City Hall
Project No.: 6020

PROJECT DESCRIPTION

Justification:

The upper levels of the City Hall Complex have cedar siding and fascia boards which have been stained several times over the years. They are getting to the point of requiring more work. There are missing boards, woodpecker holes and a need for more protection from the elements. Aluminum cladding would provide many years of service with minimal maintenance required. Painting/staining could be done again but would require more ongoing maintenance.

Year of Construction: 2020 Expected Life of Item/Project: 25 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -			\$ 45,000			\$ 45,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000

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

IDENTIFICATION

Project Title: Library Roof Replacement
Project No.: 6021

PROJECT DESCRIPTION

Justification:

During the summer months of 2017 we experienced several roof issues with the rubber roof over the Library. After several examinations and investigating potential solutions, the recommendation was made that we plan for the replacement of this roof. The roof was installed when the library was remodeled in 1996. It has come to the end of its expected life and shows many signs of impending failures. The most obvious is the pulling of the membrane away from curbs and flashings, which indicate the material is shrinking. This pulling is present in many areas of this roof. This roof also includes the glass reading area on the NE corner of the Library. In this small area we have seen multiple failures and splits which have resulted in damage to the interior walls and ceilings. Although repairs have been made to seal known leaks, these repairs are to be considered temporary patches. Estimated budget for this project was made at \$300,000 to \$450,000 and are recommended to be scheduled as soon as funds can be made available.

Year of Construction: 2019 Expected Life of Item/Project: 30 years
Request made by: Chuck Pomerence, Facilities Manager

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -		\$ 450,000				\$ 450,000
Total	\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000

**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: 2018 Expected Life of Item/Project: 25 years
Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ 72,000	\$ 70,000	\$ -	\$ -			\$ 70,000
Total	\$ -	\$ 72,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 12,000						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ 60,000	\$ 70,000	\$ -	\$ -			\$ 70,000
Other		\$ -						\$ -
Total	\$ -	\$ 72,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ 72,000	\$ 70,000	\$ -	\$ -			\$ 70,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ 72,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

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

IDENTIFICATION

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

PROJECT DESCRIPTION

Justification:

The existing Public Works Facility was constructed in 1961/62 and has had no remodeling completed since its construction 56 years ago. The building is outdated in many ways including functionality, current day code compliance, and ADA compliance issues. An Architectural, Structural, Mechanical, Electrical, and Plumbing Assessment was completed in July of 2017 by Barrientos Design and Consulting in order to fully evaluate the needs of the Public Works Facility and to establish a more complete project budget. An evaluation of the roof was completed concurrently and has revealed a 70% failure of one section of the lower roof, which is above the administration and locker area of the building. Based on the priorities established in the Barrientos Study and the roof analysis, the proposed remodel will include a remodel of the existing locker facilities, restrooms, lunch room, meeting rooms, and administration areas. It will also include roof replacement in the area of current failure, improved ADA access to the building with a relocated main entrance, HVAC replacement in the remodeled area, and replacement of the main electrical panel for the building. This project is very important to the success of the newly reorganized Department of Public Works and will help facilitate efficiency and improved customer service for years to come.

Year of Construction: 2018 Expected Life of Item/Project: 30 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 870,000	\$ -	\$ -	\$ -	\$ -	\$ 870,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -	\$ 290,000					\$ 290,000
Amortization Fund		\$ -						\$ -
Other Funds	\$ -	\$ -	\$ 290,000					\$ 290,000
Total	\$ -	\$ -	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 1,450,000					\$ 1,450,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000

CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM
PROJECT REQUEST FORM

IDENTIFICATION

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

PROJECT DESCRIPTION

Justification:

In conjunction with the Public Works Building remodeling, automation of the current scale system would be necessary to realize efficiencies in handling truck weighing operations. The automation would include kiosks for automated weighing of left hand and right hand equipment utilizing current physical scale systems and electrical systems on the current scale. The system features a card system similar to what that the City utilizes for building security. Vehicle tare weights are imbedded in the card eliminating the need for personnel to monitor scale operations, which will free up administrative staff time to be utilized for other needs.

Year of Construction: 2018

Expected Life of Item/Project: 15 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Total	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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:	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. The demolition of the transfer Station and Incinerator building has been studied for potential reorganization of the Public Works Building yard operations. The demolition of this building could coincide with the end of the City's contract with Advanced Disposal at which time the City will evaluate reconstruction of the transfer station and removal of the unsightly and inoperative incinerator building. The budget for this project will be determined when the scope of the future operation can be studied and evaluated.

Year of Construction: _____

Expected Life of Item/Project: _____

30 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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:	Replacement of Sand and Gravel Storage Building
Project No.:	6217

PROJECT DESCRIPTION

Justification:

In 2016 , Project 6205 set aside \$30,000 for re-roofing the salt shed. The Public Works staff evaluated the feasibility of this project and determined that it would be more efficient and a better long term investment to erect a new building, rather than re-roof the old structure , which was original to the Public Works building construction in 1961. This contemplates a new 40' x 100' steel building for material storage.

Year of Construction: 2019

Expected Life of Item/Project: 30 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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 failed pump and valve(s) for DPW Boiler plant
Project No.:	6218

PROJECT DESCRIPTION

Justification:

One of two hot water circulating pumps for the boiler plant that is original to the 1960's building has failed and is leaking. The isolating valves for it have also failed and do not shut off. The pump is not serviceable as no parts are available. The other pump had been replaced with a modern pump several years ago. If the new pump were to fail, there is no back-up pump at this time and the entire heating system would be down until repairs could be made.

Year of Construction: 2018

Expected Life of Item/Project: 20 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -	\$ 32,000					\$ 32,000
Total	\$ -	\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ 32,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ 32,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ 32,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ 32,000
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ 32,000

**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: 2022 Expected Life of Item/Project: 15 years
Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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:	Rehabilitation of 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. This budget has been increased from \$60,000 to \$90,000 based upon the most recent bids for similar asphalt replacement. It shall also include the replacement of the underground electrical feeds to the parking lot lights and outbuildings, as well as new concrete bases for the light poles.

Year of Construction: 2019

Expected Life of Item/Project: 20 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
CDBG		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -		\$ 90,000				\$ 90,000
Amortization Fund		\$ -						\$ -
Other Funds		\$ -			\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -		\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
Other		\$ -						
Total	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

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

IDENTIFICATION

Project Title:	Security Fencing - Gates Police Complex Parking Lot
Project No.:	6407

PROJECT DESCRIPTION

Justification:
The completed Center for Public Safety Management (Fall 2016) study of the police department and facilities indicated a high priority on securing the department fleet and personal vehicle parking areas. The current lack of secure parking has allowed the parking area to be being used for dog walking, cut-through, and the occasional box of roofing nails. Because the CPSM study - report was post-2017 budget cycle, we request this to be placed in the 2020 project year. (Note, repaving of the police parking lot, CIP Project #6406, is slated for 2019. Achieving both, in coordination, in 2019 may prove both efficient and prudent.

Year of Construction: 2020 Expected Life of Item/Project: 30 years
Request made by: Christopher Fox, Police Captain

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -			\$ 63,000			\$ 63,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 63,000	\$ -	\$ -	\$ 63,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -			\$ 63,000			\$ 63,000
Other		\$ -						
Total	\$ -	\$ -	\$ -	\$ -	\$ 63,000	\$ -	\$ -	\$ 63,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -			\$ 63,000			\$ 63,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 63,000	\$ -	\$ -	\$ 63,000

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

IDENTIFICATION

Project Title:	Police Department East-side Patrol Division Facility
Project No.:	6408

PROJECT DESCRIPTION

Justification:

Current police complex facility is at capacity for housing personnel when current full-staffing is achieved. Projected additions to services provided and growth within existing departmental functions have begun to outstrip the capability of the current building. Creating a facility on the east side of the City to house the Patrol Division would answer the space issue while establishing a distinct, solid, citizen-friendly and engagement-accessible police presence on the City's east side. The current facility would continue to house administrative, investigative, communications, records, special operations, and training (with emphasis on enhancing/enlarging in-house training opportunities and --- potentially --- a combined, multi-jurisdictional dispatch center). Cost does not include land acquisition and assumes construction cost of \$100 per square foot for a 10,000 sq. foot facility.

Year of Construction:	2021	Expected Life of Item/Project:	75 years
Request made by: Christopher Fox, Police Captain			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -						\$ -
Other		\$ -				\$ 1,000,000		\$ 1,000,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -				\$ 1,000,000		\$ 1,000,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

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

IDENTIFICATION

Project Title:	Replace End of Life Roof at Police Dept
Project No.:	6409

PROJECT DESCRIPTION

Justification:
Replace the rubber roof at the Police Station at it's end of life. Plan for sometime around 2025. Budget \$4-\$6/sq ft. PD has 35,000 square feet so approximately \$210,000 in 2025.

Year of Construction: 2025 Expected Life of Item/Project: 20 years
Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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 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	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer	\$ 411,746	\$ 373,000	\$ 58,007	\$ -	\$ -			\$ 58,007
Grants//Shared Costs	\$ 50,000	\$ 50,000						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 461,746	\$ 423,000	\$ 58,007	\$ -	\$ -	\$ -	\$ -	\$ 58,007

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ 519,753	\$ 423,000	\$ 58,007	\$ -	\$ -			\$ 58,007
Total	\$ 519,753	\$ 423,000	\$ 58,007	\$ -	\$ -	\$ -	\$ -	\$ 58,007

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ 519,753	\$ 423,000	\$ 58,007	\$ -	\$ -			\$ 58,007
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 519,753	\$ 423,000	\$ 58,007	\$ -	\$ -	\$ -	\$ -	\$ 58,007

**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: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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 # 52 Roof Replacement
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:	James Case, Assistant Chief		

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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 # 53 Garage Door Replacement
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: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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. ** NOTE - This was increased from \$75,000 to \$100,000 based on the cost of previous St 53 bathroom remodel

Year of Construction: 2018 Expected Life of Item/Project: 20 years
Request made by: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
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		\$ -						\$ -
Total	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 100,000					\$ 100,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -	\$ 100,000					\$ 75,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

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

IDENTIFICATION

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

PROJECT DESCRIPTION

Justification:
2018 - Replacement of Boiler at St # 52 with conversion to forced air system. 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: James Case, Assistant Chief			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
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		\$ -						\$ -
Total	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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 repair of fire proofing spray on 1st and 2nd floors along with reconstruction of the roof simulator. Upgrades include additional windows on the north side of the tower and a 2nd fire hydrant near the tower.

Year of Construction: 2018 Expected Life of Item/Project: 20 years
Request made by: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 170,000					\$ 170,000
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		\$ -						\$ -
Total	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ 170,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: James Case, Assistant Chief			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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 a 1996 fire safety house. This new training prop will likely be a smaller, one-story trailer with additional technology to help teach our at-risk populations.

Year of Construction: 2021 Expected Life of Item/Project: 20 years

Request made by: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other		\$ -				\$ 60,000	\$ -	\$ 60,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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:	Ambulance Cot Replacement
Project No.:	6619

PROJECT DESCRIPTION

Justification:
2017-2020 - 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: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		-	\$ 48,000
Total	\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ 48,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other		\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000		\$ -	\$ 48,000
Total	\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ 48,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000			\$ 48,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ 48,000

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

IDENTIFICATION

Project Title:	Ambulance Replacement
Project No.:	6658

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)

2022 - Early replacement of 2013 ambulance, F-424

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

Year of Construction:	2018	Expected Life of Item/Project:	10 Years
Request made by: James Case, Assistant Chief			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 209,000	\$ -	\$ -	\$ -	\$ 275,000	\$ 484,000
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		\$ -	\$ 51,000					\$ 51,000
Total	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 275,000	\$ 535,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 275,000	\$ 535,000
Total	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 275,000	\$ 535,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ -	\$ -	\$ 260,000				\$ 275,000	\$ 535,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ -	\$ 275,000	\$ 535,000

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

IDENTIFICATION

Project Title:	Command Vehicle Replacement
Project No.:	6668

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: James Case, Assistant Chief			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ 62,376	\$ 70,000	\$ -	\$ -	\$ -	\$ -		\$ -
Total	\$ 62,376	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ 62,376	\$ 70,000	\$ -					\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 62,376	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CITY OF WAUWATOSA CAPITAL IMPROVEMENTS PROGRAM PROJECT REQUEST FORM
--

IDENTIFICATION	
----------------	--

Project Title:	Fire Engine/Ladder Truck Replacement
Project No.:	6678

PROJECT DESCRIPTION	
1	Project Description
2	Project Description
3	Project Description
4	Project Description
5	Project Description
6	Project Description
7	Project Description
8	Project Description
9	Project Description
10	Project Description
11	Project Description
12	Project Description
13	Project Description
14	Project Description
15	Project Description
16	Project Description
17	Project Description
18	Project Description
19	Project Description
20	Project Description
21	Project Description
22	Project Description
23	Project Description
24	Project Description
25	Project Description
26	Project Description
27	Project Description
28	Project Description
29	Project Description
30	Project Description
31	Project Description
32	Project Description
33	Project Description
34	Project Description
35	Project Description
36	Project Description
37	Project Description
38	Project Description
39	Project Description
40	Project Description
41	Project Description
42	Project Description
43	Project Description
44	Project Description
45	Project Description
46	Project Description
47	Project Description
48	Project Description
49	Project Description
50	Project Description
51	Project Description
52	Project Description
53	Project Description
54	Project Description
55	Project Description
56	Project Description
57	Project Description
58	Project Description
59	Project Description
60	Project Description
61	Project Description
62	Project Description
63	Project Description
64	Project Description
65	Project Description
66	Project Description
67	Project Description
68	Project Description
69	Project Description
70	Project Description
71	Project Description
72	Project Description
73	Project Description
74	Project Description
75	Project Description
76	Project Description
77	Project Description
78	Project Description
79	Project Description
80	Project Description
81	Project Description
82	Project Description
83	Project Description
84	Project Description
85	Project Description
86	Project Description
87	Project Description
88	Project Description
89	Project Description
90	Project Description
91	Project Description
92	Project Description
93	Project Description
94	Project Description
95	Project Description
96	Project Description
97	Project Description
98	Project Description
99	Project Description
100	Project Description

Justification: 2021 - Replacement of 2007 fire engine, F-215 ** Requested one year early due to condition of reserve apparatus 2022 - Scheduled replacement of 2005 Air/Light vehicle F-608 POSTPONED FROM 2020 to 2022
--

Year of Construction:	<u>Varied</u>	Expected Life of Item/Project:	<u>15 Years</u>
Request made by: James Case, Assistant Chief			

SOURCE OF FUNDS SUMMARY	
-------------------------	--

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000
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	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000

USE OF FUNDS - BY COMPONENT	
-----------------------------	--

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ 207,601	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000
Total	\$ 207,601	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000

USE OF FUNDS - BY PROJECT TYPE									
--------------------------------	--	--	--	--	--	--	--	--	--

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ 207,601	\$ 600,000				\$ 600,000	\$ 250,000	\$ 850,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 207,601	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ 850,000

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

IDENTIFICATION

Project Title:	Replacement Staff Automobile
Project No.:	6688

PROJECT DESCRIPTION

Justification:
 2018 - Scheduled replacement of two (2) staff vehicle, F-141 & F-142
 2019 - Addition of one new staff vehicle for Chief 51 (currently using personal vehicle with stipend and fuel card)
 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: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 80,000
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		\$ 70,000	\$ 70,000				\$ -	\$ 70,000
Total	\$ -	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 150,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ 69,985	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 150,000
Total	\$ 69,985	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 150,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.	\$ 69,985	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000			\$ 150,000
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -						\$ -
Total	\$ 69,985	\$ 70,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 150,000

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

IDENTIFICATION

Project Title: Utility Vehicle Replacement
Project No.: 6699

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: James Case, Assistant Chief

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	PREVIOUS YR BUDGET	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: HVAC Upgrades- all facilities
Project No.: 6800

PROJECT DESCRIPTION

Justification:

Many of the HVAC systems at all of the facilities are beyond their 15 year life expectancy. This project will replace these systems on a prioritization list yet to be determined. 2017 saw several failures of aged units requiring unbudgeted replacements. This is an effort to proactively budget for planned replacements rather than emergency replacements.

Year of Construction: 2018-2021

Expected Life of Item/Project: 15 years

Request made by: Chuck Pomerence, Facilities Manager

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000

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

IDENTIFICATION

Project Title:	Building Controls Updates
Project No.:	6801

PROJECT DESCRIPTION

Justification:

Most of the facilities are still running with outdated pneumatic controls that are inefficient and difficult to maintain. This project is an ongoing effort to retrofit the buildings with digital controls integrated into the Building Management Programs installed in 2017.

Year of Construction: 2018-2021

Expected Life of Item/Project: 15 years

Request made by: Chuck Pomerence, Facilities Manager

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000

**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: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -	\$ 47,250					\$ 47,250
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 47,250	\$ -	\$ -	\$ -	\$ -	\$ 47,250

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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.

Year of Construction: 2022 Expected Life of Item/Project: 10 years
Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -					\$ 11,500	\$ 11,500
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,500	\$ 11,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -					\$ 11,500	\$ 11,500
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,500	\$ 11,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -					\$ 11,500	\$ 11,500
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,500	\$ 11,500

**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 inflated for 2019 construction.

Year of Construction: 2019

Expected Life of Item/Project: 10 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ 5,500	\$ -	\$ -	\$ -	\$ 5,500
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		\$ -		\$ 105,000				\$ 105,000
Total	\$ -	\$ -	\$ -	\$ 110,500	\$ -	\$ -	\$ -	\$ 110,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ 110,500	\$ -	\$ -	\$ -	\$ 110,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ 110,500	\$ -	\$ -	\$ -	\$ 110,500
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 110,500	\$ -	\$ -	\$ -	\$ 110,500

**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: Dave Simpson, Director of Public Works			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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: 2022 Expected Life of Item/Project: 40 years
Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	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

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

IDENTIFICATION

Project Title:	Window and Door Replacement- Hart Park Administration Building
Project No.:	8020

PROJECT DESCRIPTION

Justification:

The exterior doors and original windows in the Administration Building at Hart Park are in dire need of replacing. Maintenance and repairs are not able to bring these up to any reasonable state of repair. While some energy efficiency may be gained, the primary reason for this project is to maintain the integrity of the building structure and restore the building to good condition.

Year of Construction: 2018

Expected Life of Item/Project: 30 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -		\$ 45,000				\$ 45,000
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

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

IDENTIFICATION

Project Title:	Exterior Upgrades to Administration and Muellner Building at Hart Park
Project No.:	8021

PROJECT DESCRIPTION

Justification:
The exterior of both buildings is in dire need of protection from the elements. The paint has nearly peeled completely off in many locations revealing bare wood to the elements. Some repair to the wooden structure is expected. Aluminum cladding is proposed and would provide many years of nearly maintenance free service that would keep the current looks of the buildings. Painting has been done in the past and could be done again, but would require more ongoing maintenance.

Year of Construction: 2019 Expected Life of Item/Project: 25 years
Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -		\$ 45,000				\$ 45,000
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

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

IDENTIFICATION

Project Title:	Hart Park Tennis Court and Sand Volleyball Court Lighting
Project No.:	8022

PROJECT DESCRIPTION

Justification:

As part of the Village reconstruction project Hart Park Lane is being reconstructed, which will impact the existing lights on the northern tennis courts. Because of this and the fact that the lights are at the end of their useful life, the Park Board is recommending replacement of the existing tennis court lighting to modern day LED fixtures and new poles. Also, the existing sand volleyball courts currently have no lights, which limits the amount of revenue collected so the Board is recommending adding lights to the courts at this time.

Year of Construction: 2019

Expected Life of Item/Project: 25 years

Request made by: Dave Simpson, Director of Public Works

SOURCE OF FUNDS SUMMARY

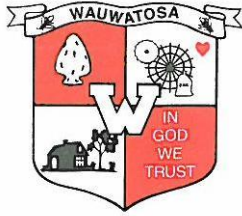
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -	\$ -					\$ -
Total	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

TAX INCREMENT FINANCING

Narrative: This sub-program of the CIP encompasses projects occurring within Tax Increment Districts where increment represents the majority of the funding source. There are several paving projects that utilize tax incremental financing funds that are included in the Transportation section of this document.

- I. **Innovation Campus.** The 2018-2022 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 2022. Based on this, the City would likely be responsible for utilities and 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. The IRC building was not included in the State's 2017-2019 budget so the next opportunity for the project to be funded would be in 2019 as part of the 2019-2021 budget.
- II. **Burleigh Triangle.** A multi-use path is planned for 2021 connecting Burleigh Street to the Locust Street drop-off lot.

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

IDENTIFICATION

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

PROJECT DESCRIPTION

Justification:

The 2018-2022 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 2022. Based on this, the City would likely be responsible for utilities associated with UWM Integrated Research Center totaling an estimated \$150,000 in 2020. 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: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -						\$ -
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm		\$ -						\$ -
Rate-backed Bonds - Water		\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF				\$ -	\$ 83,250	\$ 5,220,000		\$ 5,303,250
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -		\$ -	\$ 83,250	\$ 5,220,000		\$ 5,303,250
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house					\$ 12,000			\$ 12,000
Design - other								\$ -
Engineering and Overhead					\$ 4,500			\$ 4,500
Land Acquisition								\$ -
Construction					\$ 150,000	\$ 10,440,000		\$ 10,590,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 166,500	\$ 10,440,000	\$ -	\$ 10,606,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation							\$ -	\$ -
Sanitary Sewers				\$ -				\$ -
Storm Sewers								\$ -
Water								\$ -
Structures & Equip.								\$ -
TIF					\$ 166,500	\$ 10,440,000		\$ 10,606,500
Parks								\$ -
Other								\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ 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:

Planned for 2021 is a multi use path connecting Burleigh to the Locust Street school drop off lot. Path will likely be constructed along 114th street. An eastbound Burleigh right turn lane onto 114th Street will be constructed at a date to be determined by area redevelopment. Funding for the turn lane will be shown when this timing is determined.

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

SOURCE OF FUNDS SUMMARY

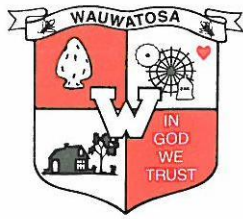
Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF	\$ 9,450,000	\$ 10,001,115	\$ -		\$ 18,750	\$ 154,500	\$ -	\$ 173,250
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs	\$ 395,168	\$ 400,000	\$ -					\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 9,845,168	\$ 10,401,115	\$ -	\$ -	\$ 18,750	\$ 154,500	\$ -	\$ 173,250

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ 18,750	\$ -	\$ -	\$ 18,750
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ 4,500	\$ -	\$ 4,500
Land Acquisition		\$ 500,000	\$ -					\$ -
Construction	\$ 9,946,418	\$ 9,901,115	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Other		\$ -						\$ -
Total	\$ 9,946,418	\$ 10,401,115	\$ -	\$ -	\$ 18,750	\$ 154,500	\$ -	\$ 173,250

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ 18,750	\$ 154,500	\$ -	\$ 173,250
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF	\$ 9,320,995	\$ 10,401,115	\$ -	\$ -	\$ -		\$ -	\$ -
Parks	\$ 625,391	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 9,946,418	\$ 10,401,115	\$ -	\$ -	\$ 18,750	\$ 154,500	\$ -	\$ 173,250



CAPITAL IMPROVEMENTS PROGRAM NARRATIVE

OTHER

Narrative: This sub-program of the CIP encompasses projects that are not included in any of the other categories. These include:

- I. **Fiber Optic Connections.** As the City's current wireless system that connects City buildings is approaching end of life, staff are investigating the cost/benefit of pursuing underground fiber in coordination with the paving program, other utilities and potentially in partnership with the School District.
- II. **East Tosa Improvements.** This project was put in place to implement the concepts outlined in the East Tosa Master Plan. Previously this project funded the redesign and repaving of North Avenue from 60th to North Avenue as well as the redesign of the 69th Street Parking Lot. Future projects have not yet been identified.
- III. **Replacement of the City's Financial, Human Resources and Utility Billing system.** The current software system was implemented in 1998 and the vendor is transitioning to a new system. As a result the City is increasingly at risk that the vendor will not maintain programmers proficient with the system. In addition, the current system lacks modern features such as user-friendly reports, a web-like user interface, document workflow and a citizen portal for paying bills, looking up information etc. Implementation of the new system is anticipated in 2019.
- IV. **Data Center Upgrade.** Due to the age of the current data center and in anticipate of the new financial system discussed above, the City plans to replace its data center in 2018.
- V. **Bus Stop Improvements.** During 2017, the Milwaukee County Transit System provided the City with bus-stop level passenger data showing that 9,000 people board buses at Wauwatosa bus stops every day. With this data, staff plan to identify bus stops where enhancements could encourage additional riders and take vehicles off City streets.
- VI. **Pedestrian spot improvements.** With the success of several flashing beacon projects, funds were added in 2018 to compliment the safer routes to school mapping project

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

IDENTIFICATION

Project Title:	Construct Fiber Optic Connections between Critical City Facilities
Project No.:	2402

PROJECT DESCRIPTION

Justification:

Construct fiber optic connections between critical city and school district infrastructure. Design by outside consultant. There is not a commitment from the school district to the Fiber project; we need to build some connections for our own use and offered the district to use it at a cost to be decided in the future.

Year of Construction:	2018-2022	Expected Life of Item/Project:	20
Request made by: William Wehrley, City Engineer / Jalal Ali, IT Director			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ 173,250	\$ 455,750	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 1,130,000
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	\$ -	\$ 173,250	\$ 455,750	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 1,130,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 18,750	\$ 18,750	\$ 18,750	\$ 18,750	\$ 18,750	\$ -	\$ 75,000
Design - other		\$ -	\$ 25,000					\$ 25,000
Engineering and Overhead		\$ 4,500	\$ 12,000	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 30,000
Land Acquisition		\$ -						\$ -
Construction		\$ 150,000	\$ 400,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,000,000
Other		\$ -						\$ -
Total	\$ -	\$ 173,250	\$ 455,750	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 1,130,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ 173,250	\$ 455,750	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 1,130,000
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ 173,250	\$ 455,750	\$ 173,250	\$ 173,250	\$ 173,250	\$ 154,500	\$ 1,130,000

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

IDENTIFICATION

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

PROJECT DESCRIPTION

Justification:

The project to reconstruct the 69th street lot with the vision approved by the steering committee and the Council is currently under construction. 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: 2017-2020 Expected Life of Item/Project: 40 years
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds	\$ 1,239,357	\$ 1,814,000	\$ 50,000	\$ 550,000	\$ 500,000	\$ -	\$ -	\$ 1,100,000
Rate-backed Bonds- San		\$ -						\$ -
Rate-backed Bonds- Storm	\$ 52,500	\$ -						\$ -
Rate-backed Bonds - Water	\$ -	\$ -						\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -						\$ -
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ 1,291,857	\$ 1,814,000	\$ 50,000	\$ 550,000	\$ 500,000	\$ -	\$ -	\$ 1,100,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ 55,000	\$ 50,000	\$ 50,000				\$ 100,000
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ 150,000						\$ -
Construction	\$ 296,399	\$ 1,109,000	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ 1,000,000
Other		\$ 200,000						\$ -
Total	\$ 296,399	\$ 1,814,000	\$ 50,000	\$ 550,000	\$ 500,000	\$ -	\$ -	\$ 1,100,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation	\$ 338,074	\$ 830,000	\$ 50,000	\$ 550,000	\$ 500,000	\$ -	\$ -	\$ 1,100,000
Sanitary Sewers	\$ 2,102	\$ 102,000						\$ -
Storm Sewers	\$ 10,974	\$ 332,000						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ 550,000						\$ -
TIF		\$ -						\$ -
Parks	\$ 2,898	\$ -						\$ -
Other	\$ (57,649)	\$ -						\$ -
Total	\$ 296,399	\$ 1,814,000	\$ 50,000	\$ 550,000	\$ 500,000	\$ -	\$ -	\$ 1,100,000

**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	2018	2019	2020	2021	2022	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	\$ 100,000	\$ 400,000
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -		\$ 600,000				\$ 600,000
Total	\$ -	\$ -	\$ -	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -						\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -						\$ -
Land Acquisition		\$ -						\$ -
Construction		\$ -						\$ -
Other	\$ -	\$ -	\$ -	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000
Total	\$ -	\$ -	\$ -	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -						\$ -
Sanitary Sewers		\$ -						\$ -
Storm Sewers		\$ -						\$ -
Water		\$ -						\$ -
Structures & Equip.		\$ -						\$ -
TIF		\$ -						\$ -
Parks		\$ -						\$ -
Other		\$ -	\$ -	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000
Total	\$ -	\$ -	\$ -	\$ 700,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000

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

IDENTIFICATION

Project Title:	Upgrade Data Center for Police and City Hall
Project No.:	9007

PROJECT DESCRIPTION

Justification:
Upgrade hardware and software systems used to run the cities virtualized servers. These systems are located at City's data centers.

Year of Construction:	2018	Expected Life of Item/Project:	5
Request made by: Jalal Ali, IT Director			

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	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		\$ -	\$ 400,000					\$ 400,000
Total	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Total	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

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

IDENTIFICATION

Project Title: Bus Stop Improvements
Project No.: 9008

PROJECT DESCRIPTION

Justification:

MCTS estimates that over 9,000 people use Wauwatosa bus stops on a normal work day. Improvements to bus stops may lead to increased ridership which will reduce the number of cars on the road. Proposed improvements include installation or upgrades to bus stop pads, benches, shelters, smart shelters, bike racks at stops, lighting at stops, etc. This project supports the 2017-2019 Strategic Plan goals and area of focus to improve transportation options to support the varied choices of residents, visitors, and businesses.

Year of Construction: Annual Expected Life of Item/Project: 10
Request made by: William Wehrley, City Engineer

SOURCE OF FUNDS SUMMARY

Source of Funds	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Levy-backed Bonds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- San		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds- Storm		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate-backed Bonds - Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Assessment		\$ -						\$ -
TIF		\$ -						\$ -
General Fund Transfer		\$ -	\$ 57,750	\$ 57,750	\$ 57,750	\$ 57,750	\$ 51,500	\$ 282,500
Grants//Shared Costs		\$ -						\$ -
Surplus		\$ -						\$ -
Amortization Fund		\$ -						\$ -
Other Funds		\$ -						\$ -
Total	\$ -	\$ -	\$ 57,750	\$ 57,750	\$ 57,750	\$ 57,750	\$ 51,500	\$ 282,500

USE OF FUNDS - BY COMPONENT

Components	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Design - in house		\$ -	\$ 6,250	\$ 6,250	\$ 6,250	\$ 6,250	\$ -	\$ 25,000
Design - other		\$ -						\$ -
Engineering and Overhead		\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 7,500
Land Acquisition		\$ -						\$ -
Construction	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Other		\$ -						\$ -
Total	\$ -	\$ -	\$ 57,750	\$ 57,750	\$ 57,750	\$ 57,750	\$ 51,500	\$ 282,500

USE OF FUNDS - BY PROJECT TYPE

	ACTUAL TO DATE	BUDGET TO DATE	2018	2019	2020	2021	2022	Total
Transportation		\$ -	\$ 57,750	\$ 57,750	\$ 57,750	\$ 57,750	\$ 51,500	\$ 282,500
Sanitary Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm Sewers		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Structures & Equip.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIF		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 57,750	\$ 57,750	\$ 57,750	\$ 57,750	\$ 51,500	\$ 282,500