

APPENDIX 4-A
CAPITAL IMPROVEMENT PLAN

City of Waconia, Minnesota
 Capital Improvement Plan
 2018 thru 2027

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	Total Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Administrative Services													
Administration													
Election Equipment	201	74			25,000								25,000
Cap Equip Cash					25,000								25,000
Central Facilities													
City Hall Side Chair Replacements	229	60							10,000				10,000
Cap Equip Cash									10,000				10,000
City Hall Conference Room Chairs	230	64				12,000							12,000
Cap Equip Cash						12,000							12,000
City Hall Boilers	277	78					45,000						45,000
PIR Cash							45,000						45,000
City Hall Carpet Replacement	329	59				60,000							60,000
PIR Cash						60,000							60,000
Council Chambers Carpet Replacement	330	59					15,000						15,000
PIR Cash							15,000						15,000
Technology													
City Hall Main Server	227	80							20,000				20,000
Cap Equip Cash									20,000				20,000
Firewall/Access Points/Router	420	27				40,000							40,000
Cap Equip Cash						40,000							40,000
Phone Switch	421											35,000	35,000
Cap Equip Cash												35,000	35,000
Administrative Services Total			0	0	65,000	72,000	60,000	20,000	45,000	0	0	0	262,000
Community Development													
Economic Development													
Entrance Monument Signage	507			72,050	72,050	72,050	72,050						288,200
PIR Cash				72,050	72,050	72,050	72,050						288,200
Community Development Total			0	72,050	72,050	72,050	72,050	0	0	0	0	0	288,200
Culture & Recreation													
Recreation													
Interior Walls Refinishing in Pool Deck Area - Safari Island	238	61		30,000									30,000
Developers Cost Apportionment				15,000									15,000
PIR Cash				15,000									15,000
Pool Deck Resurfacing - Safari Island	243	70		60,000	60,000	60,000							120,000

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<i>Developers Cost Apportion</i>				39,600	39,600								79,200
<i>PIR Cash</i>				20,400	20,400								40,800
Rubber Flooring Ramp & Concessions - Ice Arena	247	62		16,000									16,000
<i>PIR Cash</i>				16,000									16,000
Domestic Water Boiler - Ice Arena	248	60			30,000								30,000
<i>PIR Cash</i>					30,000								30,000
Zamboni Batteries Replacement - Ice Arena	251	64		15,000									15,000
<i>Cap Equip Cash</i>				15,000									15,000
Lion's Den Equipment Upgrades - Safari Island	269	71							98,000				98,000
<i>PIR Cash</i>									98,000				98,000
Building Expansion Project - Safari Island	390							3,500,000					3,500,000
<i>Revenue Bonds</i>								3,500,000					3,500,000
Den 1 & 2 Floor Replacement - Safari Island	453	81							18,000				18,000
<i>PIR Cash</i>									18,000				18,000
Track Floor Replacement - Safari Island	454	74							30,000				30,000
<i>PIR Cash</i>									30,000				30,000
Boiler Replacement - Ice Arena	456										100,000		100,000
<i>PIR Cash</i>											100,000		100,000
Hot Water Tank Replacement - Ice Arena	457										100,000		100,000
<i>PIR Cash</i>											100,000		100,000
Refurbish Water Slide in Recreation Pool Area - Safari Island	458	70		20,000									20,000
<i>PIR Cash</i>				20,000									20,000
Upgrade Locker Room HVAC - Ice Arena	459	78	60,000										60,000
<i>Arena Cash</i>			60,000										60,000
Strength Training Equipment Replacement - Safari Island	496							30,000					30,000
<i>Cap Equip Cash</i>								30,000					30,000
Spa Area Remodel - Safari Island	497			50,000									50,000
<i>PIR Cash</i>				50,000									50,000
New Lobby Furnishings/Electronics - Arena	510	42		15,000									15,000
<i>PIR Cash</i>				15,000									15,000
Facility Painting - Arena	511	60		30,000									30,000
<i>PIR Cash</i>				30,000									30,000
LED Lighting Retrofit - Arena	512	73			120,000								120,000
<i>PIR Cash</i>					120,000								120,000
Air Handler #4 - Arena	513	63							50,000				50,000
<i>PIR Cash</i>									50,000				50,000
Air Handler #2 - Arena	514	57									80,000		80,000
<i>PIR Cash</i>											80,000		80,000
Air Handler #1 - Arena	515	54										50,000	50,000
<i>PIR Cash</i>												50,000	50,000
Pool System Holding Tank at Safari Island	521	65											50,000
<i>PIR Cash</i>													50,000
Culture & Recreation Total			110,000	236,000	210,000	0	98,000	3,610,000	148,000	0	200,000	0	4,612,000
					190								

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Public Safety													
Fire													
Fire Tanker - Replacement	211	90		339,000									339,000
Cap Equip Cash				339,000									339,000
Fire Station	22	69			8,000,000								8,000,000
Revenue Bonds					8,000,000								8,000,000
Self Contained Breathing Apparatus Bottles	282	75	152,000										152,000
Cap Equip Cash			152,000										152,000
ATV & Trailer Replacement	336	63			27,000								27,000
Cap Equip Cash					27,000								27,000
Utility Vehicle - Addition to Fleet	337	59					70,000						70,000
Cap Equip Cash							70,000						70,000
Command Vehicle SUV - Replacement	338	79						68,000					68,000
Cap Equip Cash								68,000					68,000
Rescue Truck - Replacement	422	71				450,000							450,000
Cap Equip Cash						450,000							450,000
Chief SUV Replacement - Replacement of 2015 Chief SUV	424	67							70,000				70,000
Cap Equip Cash									70,000				70,000
Fire Engine - Replacement of 2005 Peterbuilt (Engine 11)	425	74								650,000			650,000
Cap Equip Cash										650,000			650,000
Radio & Pager Replacement - Fire Department	523		155,000									160,000	315,000
Cap Equip Cash			155,000									160,000	315,000
Public Safety Total			307,000	339,000	8,027,000	450,000	70,000	68,000	70,000	650,000	0	160,000	10,141,000
Public Services													
Infrastructure Projects													
Infrastructure 2021 - Portions of 1st Street East	127	72				2,062,423							2,062,423
429 Bonds						1,387,423							1,387,423
Revenue Bonds						675,000							675,000
Infrastructure 2021 - County Road Extension - Airport Road	127-A					1,000,000							1,000,000
GO Bonds						1,000,000							1,000,000
Infrastructure 2021 - CSAH 10 & Oak Avenue Roundabout	127-B					1,200,000							1,200,000
429 Bonds						1,200,000							1,200,000
Infrastructure 2021-Trial Connection - County Road 10 - North of Crosswinds Development	127-C	61				120,000							120,000
429 Bonds						120,000							120,000
Infrastructure 2021-Sidewalk -8th/Pine St - Frontage Rd to Future Development	127-D	58				35,000							35,000
429 Bonds						35,000							35,000
Infrastructure 2022 - Portions of Maple St, 2nd St, 4th St, 3rd St, Olive St, Walnut St	128	72					2,651,900						2,651,900
429 Bonds							2,651,900						2,651,900
Public Services Total					191								2,041,963

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Revenue Bonds							609,937						609,937
Infrastructure 2022 - Highway 5 Phase II	128-A						8,375,000						8,375,000
GO Bonds							6,758,000						6,758,000
Grant Proceeds							1,617,000						1,617,000
Infrastructure 2023 - Main Street West (Walnut to Olive Street)	129	72						2,968,361					2,968,361
429 Bonds								2,043,361					2,043,361
Revenue Bonds								925,000					925,000
Infrastructure 2023 - Willow Place Frontage Road	129-A							1,346,000					1,346,000
429 Bonds								1,346,000					1,346,000
Infrastructure 2024 - Olive Street (1st Street to Highway 5)	131	72							3,000,000				3,000,000
429 Bonds									3,000,000				3,000,000
Infrastructure 2024 - CSAH 92 & Interlaken Parkway N. Bridge	131-A								4,125,000				4,125,000
GO Bonds									4,125,000				4,125,000
Infrastructure 2025 - Portions of Orange St, Oak St, Main St E, 1st St E	132	72							3,200,000				3,200,000
429 Bonds									3,200,000				3,200,000
Infrastructure 2026 - Portions of Maple St S, 3 1/2 St, 4th St, 5th St, Oak St, Orange St	133	72								3,400,000			3,400,000
429 Bonds										3,400,000			3,400,000
Infrastructure 2027 - Portions of Elm St, Pine St, 2nd St, 3rd St, 4th St	134	72									3,000,000		3,000,000
429 Bonds											3,000,000		3,000,000
Infrastructure 2019 - Replace Culvert on Waconia Parkway/Lake Outlet Channel	326	96		1,350,000									1,350,000
429 Bonds				500,000									500,000
Stormwater Cash				850,000									850,000
Infrastructure 2018 - CSAH 10 Extension (Phase 2)	490	23		3,009,960									3,009,960
429 Bonds				3,009,960									3,009,960
Infrastructure 2018 - East Frontage Road - Highway 284 to Hartman Drive	522			1,265,000									1,265,000
429 Bonds				928,300									928,300
Aid													928,300
Grant Proceeds				555,000									555,000
Infrastructure 2018 - Portions of 2nd St, Cedar St, Walnut St, Maple St	522-A	72		710,000									710,000
429 Bonds				710,000									710,000
Public Services-Parks													1,755,063
Reitz Lake Fishing Pier	112	49			150,000								150,000
PIR Cash					150,000								150,000
Brook Peterson Tennis Court Lighting (ISD #110 Installation of Courts)	118	47		50,000									50,000
PIR Cash				50,000									50,000
Finish Mower (Land Pride) Unit #5001	260	70				34,500							34,500
Cap Equip Cash					192	34,500							34,500

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Legacy Village Park Equipment Upgrades	288	75							90,000				90,000
<i>PIR Cash</i>									90,000				90,000
Pheasant Ridge Park Equipment Upgrades	289	78	123,600										123,600
<i>PIR Cash</i>			123,600										123,600
Windmill Creek Park Equipment Upgrades	290	75						85,000					85,000
<i>PIR Cash</i>								85,000					85,000
Future Community Parkland Purchase	348								3,000,000				3,000,000
<i>Park Ded Cash</i>									3,000,000				3,000,000
Waterford Park Equipment Upgrades	383	70						78,000					78,000
<i>PIR Cash</i>								78,000					78,000
Oak Pointe Park Equipment Upgrades	384	70					80,000						80,000
<i>PIR Cash</i>							80,000						80,000
Wildhurst Park Equipment Upgrades	385	70										90,000	90,000
<i>PIR Cash</i>												90,000	90,000
Fox Run Park Equipment Upgrades	386	70									100,000		100,000
<i>PIR Cash</i>											100,000		100,000
Interlaken Park Equipment Upgrades	387	70								90,000			90,000
<i>PIR Cash</i>										90,000			90,000
Pinehill Park Equipment Upgrades	388	70										85,000	85,000
<i>PIR Cash</i>												85,000	85,000
Zero Turn Lawn Mower With Bagging	392	107		13,500									13,500
Capabilities				13,500									13,500
<i>Cap Equip Cash</i>				13,500									13,500
Large Front Mount Mower	393	90			100,829								100,829
<i>Cap Equip Cash</i>					100,829								100,829
Upgrade to Restroom Facility - Brook	400	65			550,000								550,000
Peterson Park					550,000								550,000
<i>429 Bonds</i>					550,000								550,000
Vine Street Overlook & Fishing Pier	401	71					45,000						45,000
<i>PIR Cash</i>							45,000						45,000
Bobcat Toolcat Replacement Unit 167	470	76				53,200							53,200
<i>Cap Equip Cash</i>						53,200							53,200
Tool Cat W/Attachments Addition	488	91					75,000						75,000
<i>Cap Equip Cash</i>							75,000						75,000
Sudheimer Park Additions	517						500,000						500,000
<i>429 Bonds</i>							500,000						500,000
One-Ton Pick-Up Truck	9	36					51,500						51,500
<i>Cap Equip Cash</i>							51,500						51,500
Public Services-Streets													
Snow Blower	258	78			123,700								123,700
<i>Cap Equip Cash</i>					123,700								123,700
Multi Seasonal Tractor	259	73				125,000							125,000
<i>Cap Equip Cash</i>						125,000							125,000
Road Grader	261	67		145,400									145,400
<i>Cap Equip Cash</i>				145,400									145,400
Bush Hog Disc Mower	262	68				12,880							12,880
<i>Cap Equip Cash</i>						12,880							12,880
					193								193

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Replacement for 2011 Dodge 4 Dr. Pickup Unit	264	75				41,600							41,600
Cap Equip Cash						41,600							41,600
Dump Unit - Replacement	265	66		72,000									72,000
Cap Equip Cash				72,000									72,000
Dump Unit - Replacement	266	64			93,500								93,500
Cap Equip Cash					93,500								93,500
Dump Unit - Replacement	267	57					80,635						80,635
Cap Equip Cash							80,635						80,635
Chipper for Tree Removal	268	98					47,100						47,100
Cap Equip Cash							47,100						47,100
Skid Steer	27	64			80,640								80,640
Cap Equip Cash					80,640								80,640
Tanker Truck	272	57			87,400								87,400
Cap Equip Cash					87,400								87,400
Developers Cost Apportion					69,920								69,920
					17,480								17,480
Kubota RTV	304	69											32,000
Cap Equip Cash													32,000
Asphalt Paver	305	85											32,000
Cap Equip Cash													32,000
Single Axle Dump with Plow, Wing, and Underbody	307	81				170,102							170,102
Cap Equip Cash						170,102							170,102
Bucket Truck # 39 Chassis and Boom	308	78											316,700
Cap Equip Cash													316,700
Street Light Cash	37	67											374,200
Skid Steer Loader				78,000									187,100
Cap Equip Cash				78,000									187,100
Automated De-icing Blending System	398	61			130,000								187,100
Cap Equip Cash					130,000								187,100
Main Street Banner Pole	506												30,000
PIR Cash													30,000
Dump Truck with Ice and Snow Equipment	75	57											330,000
Cap Equip Cash													330,000
New 1-Ton Dump w/ Snow & Ice Control Equipment	81	56											345,000
Cap Equip Cash													345,000
Dump Truck	82	66											345,000
Cap Equip Cash													345,000
Utilities-Sewer													160,000
Lake Street/ Sierra/ Sterling Hills Lift Station Renovations	240	69											160,000
Sewer Cash													160,000
Generator at Lift Station Highway 284	285	69											103,500
Sewer Cash													103,500
L-52 Lift Station Wet Well Conversion	324	87											350,000
Sewer Cash													350,000
					350,000								350,000
					194								194

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Utility Oversizing - East Lake Development (Water & Sanitary Sewer Services)	412	66			545,000								545,000
<i>Sewer Cash</i>					275,000								275,000
<i>Water Cash</i>					270,000								270,000
Lift Station Addition - Servicing Developing Properties North of Airport Road	479				2,500,000								2,500,000
<i>Sewer Cash</i>					2,500,000								2,500,000
Sewer Forcemain Addition - Servicing Developing Properties North of Airport Road	480			1,000,000									1,000,000
<i>Sewer Cash</i>				1,000,000									1,000,000
Pheasant Ridge Sanitary Force Main Expansion & Extension	499							200,000					200,000
<i>Sewer Cash</i>								200,000					200,000
Utilities-Stormwater													
Pond Infiltration/Expansion - Waterford Development	340	47							280,000				280,000
<i>Developers Cost Apportion</i>									196,000				196,000
<i>Stormwater Cash</i>									84,000				84,000
Pond Quality/Retention - Highway 5/Hartman Drive/Main Street	341	47											379,000
<i>Developers Cost Apportion</i>													265,300
<i>Stormwater Cash</i>													113,700
Pond Infiltration/Expansion/Retention - Interlaken/CSAH10	342	47								412,000			412,000
<i>Developers Cost Apportion</i>										288,400			288,400
<i>Stormwater Cash</i>										123,600			123,600
Pond Quality/Retention - Highway 5 S/Airport Road	343	47											246,300
<i>Developers Cost Apportion</i>													172,400
<i>Stormwater Cash</i>													73,900
Improvements Swale - Fox Run Development	345	113			147,000								147,000
<i>Stormwater Cash</i>					147,000								147,000
Shoreline Restoration Improvements	404	71											20,000
<i>Grant Proceeds</i>													20,000
First Street Storm Water Reuse - Phase 3 (1st Street to Redwood Street)	406				60,000								60,000
<i>Stormwater Cash</i>					60,000								60,000
Water Quality Basin 10th Street	500												200,000
<i>Grant Proceeds</i>													28,520
<i>Stormwater Cash</i>													171,480
Mill Road Drainage Improvement	501												50,000
<i>Stormwater Cash</i>													50,000
Fourth Street Storm Water Retention	502												135,000
<i>Grant Proceeds</i>													50,000
<i>Stormwater Cash</i>													85,000
Sugarbush Storm Water Pond	503												200,000
<i>Stormwater Cash</i>													200,000
													195

Department	Project #	Ranking	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Sudheimer Industrial Pond Cleaning & Wetland Rehabilitation	504					326,400							326,400
Stormwater Cash					326,400								326,400
Utilities-Water													
Treatment Plant #3 South Phase Media	312	80			355,000								355,000
Water Cash					355,000								355,000
Test Well for Implementing Wells #9 and #10	313	74			190,000								190,000
Water Cash					190,000								190,000
Construction of Well #9	314	70				820,000							820,000
Water Cash						820,000							820,000
Construction of Well #10	315	72						875,000					875,000
Water Cash								875,000					875,000
Water Tower Construction (Eastern Annexation Area)	316	69									6,200,000		6,200,000
Water Cash											6,200,000		6,200,000
Lower Water Tower #1 and Install Mono Pole	317	66				225,000							225,000
Water Cash						225,000							225,000
Construction of Water Treatment Facility #4	318	61							11,000,000				11,000,000
Water Cash									11,000,000				11,000,000
Construction of Well #11	319	68									900,000		900,000
Water Cash											900,000		900,000
Public Services Total			6,602,623	4,223,900	5,143,069	6,440,105	13,099,635	5,368,261	11,370,000	14,702,000	4,646,300	9,375,000	80,970,893
GRAND TOTAL			7,019,623	4,870,950	13,517,119	7,034,155	13,399,685	9,066,261	11,633,000	15,352,000	4,846,300	9,535,000	96,274,093