





**Madison Water Utility** *Final*

**2021 Capital Budget  
2020-2025 CIP**

Updated: **June 10, 2020**

Project		Primary Construction Year	Tasks	2021	2022	2023	2024	2025	2026
and other identified issues.			Hydraulic Improvement Projects						
<b>Total</b>				<b>4,318,000</b>	<b>3,120,000</b>	<b>3,156,000</b>	<b>4,462,000</b>	<b>2,786,000</b>	<b>4,899,000</b>
<b>Well 23 - Well Abandonment</b>		<b>??</b>							
<b>Total</b>				<b>50,000</b>					
<b>Water Utility Facility Improvements</b>		<b>Annually</b>							
Water Supply	150		SCADA System Upgrade and Expansion	25,000	26,000	27,000	28,000	29,000	30,000
Water Supply	150		Fiber Optic system installation and upgrade	32,000	33,000	34,000	35,000	36,000	37,000
Water Supply	150		Control & Instrumentation Replacement/Upgrade	84,000	122,000	92,000	95,000	98,000	101,000
Water Supply	150		MCC Upgrades	70,000	72,000	74,000	76,000	78,000	80,000
Water Supply	150		Deep Well VFD Installs	106,000	117,000	104,000	40,000	41,000	42,000
<b>Total Supply</b>				<b>317,000</b>	<b>370,000</b>	<b>331,000</b>	<b>274,000</b>	<b>282,000</b>	<b>290,000</b>
Maintenance			Various Building/Site Improvements	-	403,000	415,000	427,000	440,000	453,000
Maintenance			Unexpected Well and Booster Station Mechanical Failures		268,000	276,000	284,000	293,000	302,000
Maintenance	140		Facility Safety and Security Upgrades	50,000	52,000	54,000	56,000	58,000	60,000
Maintenance	140		Miscellaneous Facility Upgrade Projects	50,000	74,000	76,000	78,000	80,000	82,000
<b>Total Maintenance</b>				<b>100,000</b>	<b>797,000</b>	<b>821,000</b>	<b>845,000</b>	<b>871,000</b>	<b>897,000</b>
<b>Total WU Facility Improvements Program</b>				<b>417,000</b>	<b>1,167,000</b>	<b>1,152,000</b>	<b>1,119,000</b>	<b>1,153,000</b>	<b>1,187,000</b>
<b>Meter and Fixed Network Program</b>		<b>Annually</b>							
Meter Shop			Meter and fixed network Program	500,000	513,000	526,000	539,000	552,000	566,000
<b>Total Meter &amp; Fixed Network Program</b>				<b>500,000</b>	<b>513,000</b>	<b>526,000</b>	<b>539,000</b>	<b>552,000</b>	<b>566,000</b>
<b>Vehicles &amp; Equipment Program</b>		<b>Annually</b>							
Fleet and Equipment			Dump Truck Replacement		168,000	-	173,000	-	178,000
Fleet and Equipment			Service Truck Replacement	125,000		129,000	-	133,000	-
Fleet and Equipment			Small Vehicle Replacement		109,000	-	112,000	-	115,000
Fleet and Equipment			Lawn Tractor Replacement	35,000			-	37,000	-
Fleet and Equipment			Used Bucket Truck	30,000			-		-
Fleet and Equipment			Backhoe Replacement		153,000	-	158,000	-	163,000
Fleet and Equipment			Mapping and Survey Equipment Replacement	46,000	12,000	13,000	14,000	15,000	16,000
Fleet and Equipment			Small Equipment Replacement	-	12,000	-	12,000	-	12,000
Fleet and Equipment	Operations		RP Valve Complete/Parts/Testing/Registration	26,000	27,000	27,000	28,000	28,000	29,000
Fleet and Equipment	Operations		Speed Shore Replacement Box; Parts and Supplies	19,000	20,000	20,000	21,000	21,000	22,000
Fleet and Equipment	Maintenance		Tools	20,000	20,000	21,000	21,000	22,000	22,000
Fleet and Equipment	Maintenance		Lifts	43,000			-		-
<b>Total Fleet &amp; Equipment</b>				<b>344,000</b>	<b>521,000</b>	<b>246,000</b>	<b>539,000</b>	<b>256,000</b>	<b>557,000</b>
<b>UW Rehab Program</b>		<b>Annually</b>							
Maintenance			Annual Well Rehabs	240,000	330,000	247,000	340,000	254,000	350,000
<b>Hydrant Program</b>		<b>Annually</b>							
Operations			Water Hydrant Replacement/Move/Remove Program	350,000	350,000	350,000	350,000	350,000	350,000
<b>New Valve Cut-In Program</b>		<b>Annually</b>							
Operations			New Water Valve Cut-Ins	16,000	16,000	17,000	18,000	19,000	20,000
<b>Chlorinators &amp; Floridators Program</b>		<b>Annually</b>							
Maintenance			Chlorinators & Floridators	31,000	35,000	35,000	40,000	40,000	41,000
<b>Total Estimated Annual Costs</b>				<b>6,508,000</b>	<b>7,025,000</b>	<b>12,683,000</b>	<b>11,518,000</b>	<b>8,390,000</b>	<b>10,262,000</b>