

PROPOSED Infrastructure Maintenance Fund Projects Matrix (Recurring Revenue)

Title	Description	Schedule	Benefits	2020 Amount	Future Spending
Advanced Metering Infrastructure (AMI)	To modernize and automate the SWBNO's water meter system	Phase 1— Survey/Project management Selection (2020) Phase 2— AMI Selection RFP (2021) Phase 3 – Project Implementation (2021-2023)	<ul style="list-style-type: none"> • Consistent, timely, and accurate customer billing • Real-time tracking of water usage and revenue • Improved water system management, including leak detection • Customer education • Optimized system operation 	\$2,000,000	Phase 1 – Additional \$3M Phase 2 – No Cost Phase 3 - \$40M
Master Plan	To implement SWBNO's first comprehensive, integrated, sustainable plan to managing the city's water, sewer, power, and major drainage systems	Phase 1— Pre-Planning: RFI's and Workshops (2020) Phase 2— Vision & Strategy: Community Outreach and Strategic Plan (2020 – 2021) Phase 3 – Systems Planning: Water, Wastewater &	<ul style="list-style-type: none"> • Platform for sustainable and resilient utility management • Better-informed decisions on investment in system improvements • Public involvement and buy-in 	\$1,500,000	Phase 2 – \$1M Phase 3 – \$2.5M

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		Drainage Master Plan development (2021 – 2022)			
Underground Drainage Canal Inspection Program	To inspect all underground drainage canals on a 5-year maintenance schedule, with the purpose of proactively identifying and addressing blockages or issues	5-year plan, beginning in 2020	<ul style="list-style-type: none"> Establish a baseline for underground canal conditions Remove obstructions to promote better drainage Reduce property and environmental damage due to flooding Establish a 5-year routine maintenance schedule 	TBD	Each year thereafter: TBD
Water Treatment Plant Improvements: Sycamore Filter Gallery	Repairs to structural, piping, and filter equipment of a critical component of the drinking water plant	Phases 3 & 4 of 5 total phases (2020)	<ul style="list-style-type: none"> Addressing a backlog of capital maintenance by replacing 10 of 24 total filters Better public health protection More effective and efficient operations; technology improvements through SCADA Employee safety concerns 	5,000,000 Phase 3 5,000,000 Phase 4 (2020-2021)	TBD
Cross-Connection Phase 2 Remediation	Correction of a longstanding situation where cooling water is returned to the potable water system	Immediately	<ul style="list-style-type: none"> Enhancing public health protection State regulatory compliance Best alternative to total T4 overhaul 	1,500,000	N/A
OTHER			PROJECTS WHICH, IF ACCELERATED, COULD PROVIDE SHORT-TERM PUBLIC BENEFITS AND/OR LONG-TERM SUSTAINABILITY FOR THE SYSTEM (e.g., Orleans Canal Debris Removal; Asset Management Program)		