THE TOWN OF LOVETTSVILLE
CAPITAL IMPROVEMENT PLAN - UTILITY FUND

Town Council Approved 6-14-18

PROJECT DESCRIPTION		Spent FY18 or earlier	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Yr total Cost	After FY23	Total Cost
SOURCES OF FUNDING										
NEW CAPITAL AVAILABILITY FUND RESERVE - SEWER	AVS		$0	$0	$0	$35,000	$0	$35,000		
NEW CAPITAL AVAILABILITY FUND RESERVE - WATER	AVW		$5,000	$4,000	$84,000	$20,000	$20,000	$133,000		
3RM RESERVE FUND (Repair, Replace, Renovation & Maintenance)	3RM		$127,000	$113,000	$213,000	$177,000	$27,000	$657,000		
GRANT SOURCE #1: VDH Wellhead Protection	G1		$10,000	$10,000	$0	$0	$0	$20,000		
TOTAL FUNDING AVAILABLE			**$142,000**	**$127,000**	**$297,000**	**$232,000**	**$47,000**	**$845,000**		
PROJECT COSTS - SEWER										
WWTP: Influent Flow Equalization	AVS								$2,000,000	**$2,000,000**
WWTP SLUDGE HANDLING: Evaluation	AVS					$35,000		$35,000		**$35,000**
WWTP SLUDGE HANDLING: Construction	AVS								$3,000,000	**$3,000,000**
WWTP IMPROVEMENTS: Alum Feed Controls to avoid overfeed at night, Automated Waste/Return Valve	3RM				$25,000			$25,000		**$25,000**
CREEK BANK SHORING: Study and repair. (WWTP and S. Church near sewer line and behind Redbud)	3RM		$20,000	$65,000				$85,000		**$85,000**
WWTP FACILITY SECURITY UPDATE: Security Cameras, new automated gates, and fence repairs	3RM		$20,000					$20,000		**$20,000**
EASEMENT CLEARING USING OUTSIDE CONTRACTOR	3RM		$5,000					$5,000		**$5,000**
WATER TREATMENT AND WELLHEAD RESTORATION FOR WWTP WELL	3RM		$5,000	$10,000				$15,000		**$15,000**
PROJECT COSTS SUBTOTAL - SEWER			**$50,000**	**$75,000**	**$25,000**	**$35,000**	**$0**	**$185,000**	**$5,000,000**	**$5,185,000**
PROJECTS- WATER										
WATER LINE WORK: Broad Way Phase 2A WL Replacement	3RM AVW			$10,000	$150,000			$160,000		**$160,000**
RADIO READ METER CHANGE OUT (AMI as worst case)	3RM		$27,000	$27,000	$27,000	$27,000	$27,000	$135,000	$270,000	**$405,000**
WTP IMPROVEMENTS: Install and new VFD at KR and RV Filter Buildings	3RM AVW				$60,000			$60,000		**$60,000**
WTP IMPROVEMENTS: Green Sand Filter Media Change Out (every 10-15 yrs)	3RM					$50,000		$50,000		**$50,000**
WTP IMPROVEMENTS: Backwash Valve overhaul. Valves are malfunctioning	3RM		$5,000	$5,000	$20,000			$30,000		**$30,000**
UTILITY VEHICLE REPLACEMENT	3RM					$45,000		$45,000		**$45,000**
WTP IMPROVEMENTS: Upgrade to Park Place to return to operation Eval	3RM		$15,000					$15,000	$300,000	**$315,000**
WTP IMPROVEMENTS: Security Updates, Security Cameras, updated gates, fence repair	3RM		$8,000		$15,000	$25,000		$48,000		**$48,000**
CLEARING AT WELL HOUSE & ELEVATED TANK PLUS MOVE GATE	3RM		$7,000					$7,000		**$7,000**
ADD ENTRANCE TO ELEVATED TANK FROM POTTERFIELD DR	3RM		$10,000					$10,000		**$10,000**
WELL ABANDONMENT: Abandon Town wells to be eliminated	G1 3RM		$10,000	$10,000				$20,000		**$20,000**
NEW ELEVATED WATER TANK	AVW						$20,000	$20,000	$1,600,000	**$1,620,000**
WATER LINE WORK: Loudoun Street WL Replacement	3RM AVW								$450,000	**$450,000**
WATER LINE WORK: S. Church Street WL Replacement	3RM AVW					$50,000		$50,000		**$50,000**
WATER LINE WORK: Replace Original Transite Line	3RM AVW								$3,500,000	**$3,500,000**
STORAGE FACILITY - shed and evaluation for more permanent	3RM AVW		$10,000					$10,000		**$10,000**
PROJECT COSTS SUBTOTAL - WATER			**$92,000**	**$52,000**	**$272,000**	**$197,000**	**$47,000**	**$660,000**	**$6,120,000**	**$6,780,000**
TOTAL COST			**$142,000**	**$127,000**	**$297,000**	**$232,000**	**$47,000**	**$845,000**	**$11,120,000**	**$11,965,000**
NET TOTAL (FUNDING - COSTS)			**$0**	**$0**	**$0**	**$0**	**$0**	**$0**		