

Town of Sharon, Massachusetts
Capital Outlay Committee

5 Year Plan - FY2018-FY2023

Department	Project Description/Acquisition	Category	FY2017	Proposed FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total	Prelim. Funding Source Subject to Change
POLICE	Vehicle Replacement (Replacement of three cruisers)	vehicle	100,000 Cash	120,000 Cash	120,000 Cash	120,000 Cash	120,000 Cash	120,000 Cash	120,000 Cash	720,000 Cash	Cash
	ECW/Tasers	equipment		33,000 Cash						33,000 Cash	Cash
	Handguns	equipment			50,000					50,000	5YR Borrowing
	Radios for Cruisers				54,000					54,000	5YR Borrowing
	CAD/RMS System (Replace outdated 22yr old system)	equipment	210,000							210,000	10YR Borrowing
TOTAL POLICE BORROWING			210,000	-	104,000	-	-	-	-	314,000	
FIRE	Ladder Truck (FY17 Borrowing)	vehicle	875,000							875,000	20YR Borrowing
	Ladder Truck (Partial Funding - Unexpended Previously Appr. Cap Funds)	equipment	100, 000 UCF							100,000 UCF	UCF
	Ambulance Cot Restraint System (Ambulance Reserve Fund \$27K)	equipment	27,000 ARF							27,000 ARF	ARF
	Replace Radio Fire Alarm System	equipment	60,000							60,000	5YR Borrowing
	Radio Receiver Site Rt 1	equipment	33,000							33,000	5YR Borrowing
	Semi-Automatic Defibrillators	equipment		17,500 ARF						17,500 ARF	ARF
	F/F Bunker Gear	equipment		135,000						135,000	5YR Borrowing
	IV Pumps - Intubation System	equipment		25,500 ARF						25,500 ARF	ARF
	Ambulance Stretcher	equipment		18,100 ARF						18,100 ARF	ARF
	Engine Replacement	vehicle			700,000					700,000	20YR Borrowing
	Snowmobile - Ice Rescue System	vehicle				60,000				60,000	5YR Borrowing
	Chief's Vehicle	vehicle				55,000				55,000	5YR Borrowing
	Ambulance	equipment					350,000 ARF			350,000 ARF	ARF
	Replace Cardiac Monitors	equipment					75,000			75,000	5YR Borrowing
	Brush Truck Replacement	vehicle					140,000			140,000	10YR Borrowing
	Replace Radio Repeaters	equipment						100,000		100,000	10YR Borrowing
	Replace Thermal Imagers	equipment						45,000		45,000	5YR Borrowing
	F/F Bunker Gear	equipment							150,000	150,000	5YR Borrowing
	Self Contained Breathing App.	equipment							180,000	180,000	10YR Borrowing
	Deputy's Vehicle	vehicle							55,000	55,000	5YR Borrowing
TOTAL FIRE BORROWING			968,000	135,000	700,000	115,000	215,000	145,000	385,000	2,663,000	
CIVIL DEFENSE	Emergency Power Dist Equipment	equipment	13,000							13,000	5YR Borrowing
	Radio Controlled Flashing Warning Signs	equipment			18,360					18,360	5YR Borrowing
	30 Kw Mobile Generator	equipment			20,000					20,000	5YR Borrowing
	Facility Modifications	renovation				15,000				15,000	5YR Borrowing
	F-150 Truck	vehicle					30,000			30,000	5YR Borrowing
	AM1630 2'nd transmitter	equipment						20,000		20,000	5YR Borrowing
TOTAL CIVIL DEFENSE BORROWING			13,000	-	38,360	15,000	30,000	20,000	20,000	136,360	
ANIMAL CONTROL	Van (\$26,000 Deferred to FY2019)	vehicle			26,000					26,000	5YR Borrowing
	TOTAL ANIMAL CONTROL BORROWING		-	-	26,000	-	-	-	-	26,000	

Department	Project Description/Acquisition	Category	FY2017	Proposed FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total	Prelim. Funding Source Subject to Change	
RECREATION	Athletic Field Rehab (Middle School)	renovation	250,000	38,500 CPA 42,225 CPA 14,800 Cash						250,000	10YR Borrowing	
	Ames Street Playground Renovation (Applying to CPC \$222,000)	renovation	222,000 CPA							222,000 CPC	CPA Funding	
	Athletic Field Const. Gavins Pond (Applying to CCP \$506,000)	equipment	506,000 CPA							506,000 CPA	CPA Funding	
	Ames Street Basketball Courts - resurfacing/repairs	renovation								38,500 CPA	CPA Funding	
	Recreation Greenspace (additional outdoor game space)	renovation								42,225 CPA	CPA Funding	
	Netting at Ames Street	equipment								14,800 Cash	Cash	
	Bathroom Office CCB	renovation								40,000	40,000	5YR Borrowing
	VMB Gator	equipment								13,050 Cash	13,050 Cash	Cash
	VMB Storage	infrastructure								15,200 Cash	15,200 Cash	Cash
	Splashpad at Playground	infrastructure								175,000	175,000	10YR Borrowing
PA System: VM Beach	equipment		20,000 Cash	20,000 Cash	Cash							
TOTAL RECREATION BORROWING			250,000	-	215,000	-	-	-	-	465,000		
COUNCIL ON AGING	Lift-Equipped Van (1)- for medical trips/related	new structure		57,000						57,000	5YR Borrowing	
	Lift-Equipped Minibuses (2)	vehicle			140,000					140,000	5YR Borrowing	
	TOTAL COUNCIL ON AGING BORROWING		-	57,000	140,000	-	-	-	-	197,000		
LIBRARY	Furnace Replacement		75,000							75,000	10YR Borrowing	
	FY18 - NONE									-	NONE	
	TOTAL LIBRARY BORROWING		75,000	-	-	-	-	-	-	75,000		
DEPARTMENT OF PUBLIC WORKS	Roads - Chase Drive (Reclamation Wolomopoag to end)	infrastructure	230,000	693,572						230,000	CHPT 90	
	Roads - Brook Road (following replacement of water main FY16)	infrastructure	235,000							235,000	CHPT 90	
	Roads - E. Foxboro/Mohawk	infrastructure								693,572	CHPT 90	
	Roads - Various Road Projects	infrastructure			600,000	600,000	600,000	600,000	600,000	3,000,000	CHPT 90	
	TOTAL CHAPTER 90 DPW PROJECTS (NOT INCLUDED IN BORROWING)		465,000	693,572	600,000	600,000	600,000	600,000	600,000	4,158,572		
	ROADS - SIDEWALKS			736,145								
	Roads - Brook Road Sidewalk (following replacement of water main FY16)	infrastructure	235,000							235,000	10YR Borrowing	
	Roads - Norwood Street, Massapoag Avenue & others	infrastructure								736,145	10YR Borrowing	
	Roads - S. Pleasant Street Neighborhood	infrastructure			750,000					750,000	10YR Borrowing	
	Roads - Maple Street Neighborhood	infrastructure				750,000				750,000	10YR Borrowing	
	Roads - E. Chestnut Street Neighborhood	infrastructure					750,000			750,000	10YR Borrowing	
	Roads - Berkshire Street Neighborhood	infrastructure							750,000	750,000	10YR Borrowing	
	FACILITIES - BUILDING IMPROVEMENTS			60,000								
	Facilities - 396 South Main Street Demo (\$22,000 - must be cash)	facilities	22,000 Cash							22,000 Cash	Cash - no bond	
	Facilities - Town Hall Accessibility Compliance Project & Fire Station Reno	Infrastructure			8,000,000					8,000,000	20YR Borrowing	
	Building Maintenance - Storage Container Replacement	infrastructure								60,000	10YR Borrowing	
	Building Maintenance - DPW Supervisor Trailer Generator				35,000					35,000	5YR Borrowing	
	OPERATIONS - EQUIPMENT			215,000 215,000 25,000 230,500 300,000 275,000 263,500 300,000								
	Operations/Equipment - Large Dump (Replace vehicle#28)	vehicle	215,000							215,000	10YR Borrowing	
	Operations/Equipment - Dump (6-Wheel Dump w Hook & Lift system)	vehicle								215,000	10YR Borrowing	
	Operations/Equipment - Mower Deck (Flail mower for trackless)	equipment								25,000	5YR Borrowing	
	Operations/Equipment - Dump, and Grapple Bucket	equip/vehichle			230,500					230,500	10YR Borrowing	
	Operations/Equipment - Specialty Equipment and Admin Vehicle	equip/vehichle				300,000				300,000	10YR Borrowing	
	Operations/Equipment - Dump & ASV	equip/vehichle					275,000			275,000	10YR Borrowing	
	Operations/Equipment - Dump & Bobcat	equip/vehichle						263,500		263,500	10YR Borrowing	
	Operations/Equipment - Specialty Equipment	equipment							300,000	300,000	10YR Borrowing	

Department	Project Description/Acquisition	Category	FY2017	Proposed FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total	Prelim. Funding Source Subject to Change
DPW Cont.	ADMINISTRATION										
	Administration - Plotter/ArcGIS/AutoCAD/ViewPoint (permit)	equipment		105,616						105,616	SYR Borrowing
	Administration - Software	equipment			32,616 Cash	32,616 Cash	32,616 Cash	32,616 Cash	32,616 Cash	163,080 Cash	Cash
	TOTAL DPW BORROWING		450,000	1,141,761	9,015,500	1,050,000	1,025,000	263,500	1,050,000	13,995,761	
TOTAL TOWN BORROWING			1,966,000	1,333,761	10,238,860	1,180,000	1,270,000	428,500	1,455,000	17,872,121	

WATER (Enterprise Fund Debt)	SCADA Improvements	infrastructure	67,400							67,400	Enterprise Fund
	Brook Road Neighborhood	infrastructure								-	Enterprise Fund
	Well #2 Wellhead replacement (2,275,000 Anticipated for future fiscal years)	infrastructure									Enterprise Fund
	Well #3 Wellhead replacement	infrastructure				360,000				360,000	Enterprise Fund
	Well #3 Pump replacement	infrastructure				43,000				43,000	Enterprise Fund
	Residential Water Meter Replacement	infrastructure					1,165,000	1,425,000		2,590,000	Enterprise Fund
	Tank Maintenance/Replacement	infrastructure			750,000			750,000		1,500,000	Enterprise Fund
	Water Main E. Chestnut St.	infrastructure						1,000,000		1,000,000	Enterprise Fund
	Water Main Cottage St.	infrastructure					1,100,000			1,100,000	Enterprise Fund
	Main Replacement East St. to Mountain (FY22 1,000,000)	infrastructure									Enterprise Fund
	Water Main replacement (S. Pleasant, Walnut, Edgewood, Ridge, Valley, Sylvan)	infrastructure	1,250,000	1,290,000						2,540,000	Enterprise Fund
	Water Main Pleasant St.	infrastructure			1,300,000					1,300,000	Enterprise Fund
	Water Main High St.	infrastructure				1,000,000				1,000,000	Enterprise Fund
	AC Main Replacement Belcher St	infrastructure	550,000							550,000	Enterprise Fund
	Conservation	infrastructure	75,000		75,000	75,000	75,000	75,000		375,000	Enterprise Fund
	Leak Detection	infrastructure	30,000		30,000	30,000	30,000	30,000		150,000	Enterprise Fund
	Stormwater Recharge (Anticipated for future fiscal years)	infrastructure				30,000	120,000	115,000		265,000	Enterprise Fund
	Emergency Connection MWRA via Tiot Street (build pump station; replace AC pipe on Edge Hill Road from Norwood St to Tiot St; Tiot St to Norwood town line)	infrastructure	750,000	735,000	750,000	750,000				2,985,000	Enterprise Fund
	Well #6 Treatment (4,521,000 Anticipated for future fiscal years)	infrastructure									Enterprise Fund
	New Source (2,000,000 Anticipated for future fiscal years)	infrastructure									Enterprise Fund
	High Pressure Service District (3,425,000 Anticipated for future fiscal years)	infrastructure									Enterprise Fund
TOTAL WATER (NOT INCLUDED IN BORROWING)			2,722,400	2,025,000	2,905,000	2,288,000	2,490,000	3,395,000	-	15,825,400	

											Prelim. Funding Source Subject to Change	
Department	Project Description/Acquisition	Category	FY2017	Proposed FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total		
SCHOOLS	District Wide Technology									-		
	FY17 - Macbook Airls 1:1 Access -SMS (Total w/91K Cash= \$275K)	Middle	184,000							184,000	5YR Borrowing	
	FY17 - Macbook Airls 1:1 Access - SMS (*FY16 def to FY17 Cash see notes)	Middle	91,000 Cash							91,000 Cash	Cash	
	*91K Cash was org.	FY17 - Ipads & Carts (FY16 Elementary use; FY17 SPED use)	Elem/SPED	45,000						45,000	5YR Borrowing	
	allocated in FY16 for	FY17 - Projectors - DW o replace old, broken devices	DW	15,000						15,000	5YR Borrowing	
	FY17 Cash as follows:	FY17 -Wireless Access Points - to improve wireless computing DW	DW	10,000						10,000	5YR Borrowing	
	10K Wireless Access point	FY17 - Phone System Upgrade (East FY16; Cottage FY17; Heights FY18)	Elementary	15,000						15,000	5YR Borrowing	
	13K Projectors	FY17 -Laptops for Elementary Teachers	Elementary	15,000						15,000	5YR Borrowing	
	68K Library Room build-o	FY18, FY19, FY20 - Macbook Airls 1:1 access & expand one grade at SHS	Middle		88,000	275,000	250,000			613,000	5YR Borrowing	
	91K Total	FY18 - CASH Macbook Airls to allow 1:1 access & expand...	Middle		91,000 Cash					91,000 Cash	Cash	
		FY18, FY19 - Replacement Computers for SMS (6th &7th) Carts (2yr cycle)	Middle		100,000	100,000				200,000	5YR Borrowing	
		FY18 - Repalcement Teacher Laptops for Old Devices SMS (100% Replcmnt)	Middle		57,000					57,000	5YR Borrowing	
		FY18-FY23 - Projectors Across District to Replace Old, Broken Devices	DW		25,000	25,000	25,000	25,000	25,000	150,000	5YR Borrowing	
		FY18-FY23 - Wireless Access Points, Servers etc.	DW		25,000	25,000	25,000	25,000	25,000	150,000	5YR Borrowing	
		FY18-FY23 - Cycle Replacemtn for Staff Laptops (SPED)	Elementary		22,500	22,500	22,500	22,500	22,500	135,000	5YR Borrowing	
		FY20 - Infrastructure Improvements	DW			100,000				100,000	5YR Borrowing	
	Total District Wide Technology Borrowing			284,000	317,500	447,500	422,500	72,500	72,500	72,500	1,689,000	
	SPED Acoustics											
		Acoustics - East - 1 Classroom each grade level (4)	East	27,600							27,600	5YR Borrowing
		Acoustics - Heights - Classroom replace/upgrade (15yo)	Heights	36,800							36,800	5YR Borrowing
		Acoustics - High - Carpeting & Acoustics for 4 rooms	High	36,800							36,800	5YR Borrowing
	Total SPED Acousitics Borrowing			101,200	-	-	-	-	-	-	101,200	
Kitchen												
	NONE		-							-		
Total Kitchen Borrowing			-	-	-	-	-	-	-	-		
Furniture												
	FY17- CASH -SMS furniture - student desks, chairs and exterior tables- courtyard	Middle	15,000 Cash							15,000 Cash	Cash	
	FY17 - DW replacement furniture - classroom and cafeteria	DW	10,000							10,000	5Yr Borrowing	
	FY18- DW replacement furniture - Libraries	DW		10,000	10,000	10,000	10,000	10,000	10,000	60,000	5Yr Borrowing	
Total Furniture Borrowing			10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000		
District Projects												
	FY17 - Upgrade lighting at Cottage	Cottage	200,000							200,000	5YR Borrowing	
	FY17 - East Elementary HVAC control upgrade	East	250,000							250,000	10YR Borrowing	
	FY17 - Heights - Roof Design Services (Unexpended prev. apprvd Capital Funds)	Heights	89,010 UCF							89,010 UCF	UCF	
	FY17- Athletic/Field Design or Assessment at the Middle School	Middle	50,000							50,000	5YR Borrowing	
	FY18 - Cottage & East Fire Alarm Panel Replacement	Cottage/East		17,000						17,000	5YR or Cash	
	FY18 - DW Window Treatment (Blinds & Shades)	Main		25,000						25,000	5YR or Cash	
	FY18 - Heights Generator	Heights		175,000						175,000	10YR Borrowing	
	FY18 - Heights Ceiling Tile Replacement (300)	Heights		45,000						45,000	5YR or Cash	
	FY18 - (FY18, 19, 20) Heights Masonry Repair	Heights		65,000	65,000	65,000				195,000	10YR Borrowing	
	FY19 - Cottage Street HVAC Control Upgrade	Cottage			250,000					250,000	10YR Borrowing	
	FY19 - Upgrade lighting at East	East			200,000					200,000	10YR Borrowing	
	FY19 - East Sidewalk Replacement	East			44,000					44,000	5YR Borrowing	
	FY19 - High School Replacement Doors	High			18,000					18,000	5YR or Cash	
	FY19 - High School Rooftop Air Handling Units	High			290,000					290,000	10YR Borrowing	

Department	Project Description/Acquisition	Category	FY2017	Proposed FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total	Prelim. Funding Source Subject to Change
SCHOOLS Cont.	FY19 - Heights Roof Replacement (full value w/o MSBA Funding)	Heights		2,325,000 FC							
	FY19 - Existing Conditions Study Heights - relocate front office design	Heights			56,252					56,252	5YR Borrowing
	FY19 - Move Front Entrance at Heights	Heights			385,000					385,000	10YR Borrowing
	FY19 - Existing Conditions Study Heights- Infrastructure Design	Heights			585,500					585,500	10YR Borrowing
	FY19 - Infrastructure at Heights - Project	Heights			3,443,937					3,443,937	20YR Borrowing
	FY19 - Athletic Field Replacement	Middle/High			541,250					541,250	10YR Borrowing
	FY19 - Existing Conditions Study - High	High			800,000					800,000	10YR Borrowing
	FY19 - Maintenance Building	Ctg, East, MS			479,000					479,000	10YR Borrowing
	FY20 - Parking Lot Repairs	Heights				750,000				750,000	10YR Borrowing
	FY20 - Perform Sugg. Civil Work - Removal & Replacement of parking Lot	Heights				1,620,000				1,620,000	10YR Borrowing
	FY20 - High School Foyer Upgrade	High				50,000				50,000	5YR Borrowing
	FY20 - High School	High				80,000,000				80,000,000	20YR Borrowing
	FY20 - Existing Conditions Study at Cottage, East, Middle	Ctg, East, MS				62,663				62,663	5YR Borrowing
	Total District Projects Borrowing			500,000	327,000	7,157,939	82,547,663	-	-	-	90,532,602
DW School Vehicles											
	Replacement vans for Special Education Fleet (3)	District-wide	110,700							110,700	5YR Borrowing
	FY18 - Replacement Maintenance Van	Main		30,000						30,000	5YR Borrowing
	Replacement vans for Special Education Fleet (2)			60,000	87,228	89,409				236,637	5YR Borrowing
Total District Wide School Vehicles Borrowing			110,700	90,000	87,228	89,409	-	-	-	377,337	
TOTAL SCHOOL BORROWING			1,005,900	744,500	7,702,667	83,069,572	82,500	82,500	-	92,770,139	
TOTAL TOWN AND SCHOOL BORROWING			2,971,900	2,078,261	17,941,527	84,249,572	1,352,500	511,000	1,537,500	110,642,260	
Total 5 Year Borrowing			861,900	827,116	1,046,340	764,572	187,500	147,500	307,500		
Total 10 Year Borrowing			1,235,000	1,251,145	4,751,250	3,485,000	1,165,000	#REF!	1,230,000		
Total 20 Year Borrowing			875,000		12,143,937	80,000,000					
			2,971,900	2,078,261	17,941,527	84,249,572	1,352,500	#REF!	1,537,500		

Department	Project Description/Acquisition	Category	FY2017	Proposed FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total	Prelim. Funding Source Subject to Change
Other Financing Sources:											
CASH:											
		FY17: Police - Vehicles	100,000							100,000	
		FY17: DPW - 396 South Main Street Demo	22,000							22,000	
		FY17: School - 1:1 SMS MacBook Airs	91,000							91,000	
		FY17: School - Furniture	15,000							15,000	
		FY18: Police-Vehicles		120,000	120,000	120,000	120,000	120,000	1,200,000	1,800,000	
		FY18: Police - Tasers		33,000						33,000	
		FY18: Recreation - Ames Street Netting		14,800						14,800	
		FY18: School - MacBooks		91,000						91,000	
		FY19: Veterans Memorial Beach - Gator			13,050					13,050	
		FY19: Veterans Memorial Beach - Storage			15,200					15,200	
		FY19: Veterans Memorial Beach - PA System			20,000					20,000	
		FY19-FY23: DPW - Administration Software				32,616 Cash	32,616 Cash	32,616 Cash	32,616 Cash	32,616 Cash	163,080 Cash
		Total Cash	228,000	258,800	168,250	120,000	120,000	120,000	1,200,000	2,215,050	
COMMUNITY PRESERVATION ACT:											
		FY17: Recreation - Ames Street Playground Renovation	222,000							222,000	
		FY17: North Main Street Wall Repair	136,000							136,000	
		FY17: Vets Monument Repair	9,000							9,000	
		FY18: Ames Street - resurface basketball courts; playground enhancements		38,500						38,500	
		FY18: Recreation Greenspace (additional outdoor game space)		42,225						42,225	
		FY18: Mann's Pond Dam - repair and rehabilitation		255,000						255,000	
		FY18: Painting exterior - Community Center		54,165						54,165	
		Total CPA	367,000	389,890	-	-	-	-	-	756,890	
CHAPTER 90:											
		Police - Message Boards (Originally Cash request)								-	
		DPW - Various Road Projects								-	
		DPW - Roads - Hampton Road Phase 2/3								-	
		DPW - Roads - Chase Drive (Reclamation Wolomopoag to end)	230,000							230,000	
		DPW - Roads - Brook Road (following replacement of water main FY16)	235,000							235,000	
		FY18: DPW - Various Road Projects (not shown in Public Works category above)		693,572						693,572	
		Total Chapter 90	465,000	693,572	-	-	-	-	-	1,158,572	
AMBULANCE RESERVE FUND:											
		FY17: Ambulance Cot Restraints	27,000							27,000	
		FY18: Semi-Automatic Defibrillators		17,500						17,500	
		FY18: IV Pumps - Intubation System		25,500						25,500	
		FY18: Ambulance Stretcher		18,100						18,100	
		FY21: Ambulance					350,000			350,000	
		Total Ambulance Reserve Fund	27,000	61,100	-	-	350,000	-	-	438,100	
REAPPROPRIATION OF PREVIOUSLY APPROVED BUT UNEXPENDED CAPITAL FUNDS:											
		Ladder Truck (Partial Funding)	100,000							100,000	
		Heights Roof Design	89,010						-	89,010	
		Total Reappropriated Captial Funds	189,010	-	-	-	-	-	-	189,010	
WATER ENTERPRISE:											
		Various Road Projects		2,025,000					-	2,025,000	
		Total Water	-	2,025,000	-	-	-	-	-	2,025,000	
TOTAL OTHER FINANCING SOURCES			1,276,010	3,428,362	168,250	120,000	470,000	120,000	1,200,000	6,782,622	
TOTAL TOWN & SCHOOL BORROWING & OTHER FINANCING			4,247,910	5,506,623	18,109,777	84,369,572	1,822,500	631,000	2,737,500	117,424,882	
FREE CASH:											
		Heights Elementary School Roof Project		2,325,000					-	2,325,000	
		Total Free Cash	-	2,325,000	-	-	-	-	-	2,325,000	