

**Capital Plan Projection
2016-2020**

CAPITAL PLAN SUMMARY

		Proposed 2016					Presented 2015				
Fund		2016	2017	2018	2019	2020	2015	2016	2017	2018	2019
O	General Fund	306,100	133,862	134,359	142,646	108,974	256,700	216,660	177,362	128,109	133,896
C		599,500	280,000	30,000	30,000	30,000	1,085,000	25,000	125,000	25,000	25,000
D		90,000	2,062,000	0	0	0	0	2,125,000	227,000	26,000	0
G		1,705,000	111,000	0	6,250	0	775,000	1,121,000	0	6,250	0
P		85,000	45,000	50,000	50,000	50,000	75,000	120,000	0	0	0
	Total	2,785,600	2,631,862	214,359	228,896	188,974	2,116,700	3,487,660	529,362	185,359	158,896
O	Highway Fund	374,500	380,000	473,000	473,000	473,000	237,000	280,000	380,000	473,000	473,000
C		170,000	85,000	0	0	0	730,000	170,000	85,000	0	0
D		1,020,000	265,000	350,000	150,000	899,000	320,000	700,000	1,085,000	905,000	420,000
G		317,000	317,000	317,000	317,000	317,000	317,000	317,000	317,000	317,000	317,000
	Total	1,881,500	1,047,000	1,140,000	940,000	1,689,000	1,604,000	1,467,000	1,867,000	1,695,000	1,210,000
O	Water Fund	525,000	396,000	291,000	261,000	261,000	541,500	371,000	186,000	196,000	206,000
C		768,500	156,500	4,000	16,000	0	1,649,000	75,000	0	0	0
D		3,030,000	4,685,000	5,490,000	4,181,000	4,200,000	1,750,000	4,560,000	4,615,000	2,240,000	2,265,000
G		0	0	0	0	0	0	0	0	0	0
	Total	4,323,500	5,237,500	5,785,000	4,458,000	4,461,000	3,940,500	5,006,000	4,801,000	2,436,000	2,471,000
O	Sewer Fund	229,500	10,000	10,000	10,000	0	113,500	10,000	10,000	10,000	10,000
C		900,000	200,000	50,000	150,000	0	1,125,000	200,000	50,000	150,000	0
D		2,950,000	530,000	2,150,000	150,000	1,650,000	500,000	2,980,000	1,700,000	500,000	1,500,000
G		0	0	0	0	0	1,475,000	0	0	0	0
	Total	4,079,500	740,000	2,210,000	310,000	1,650,000	3,213,500	3,190,000	1,760,000	660,000	1,510,000
	Other										
	TOTAL	13,070,100	9,656,362	9,349,359	5,936,896	7,988,974	10,949,700	13,270,660	8,957,362	4,976,359	5,349,896
	O=Operating	1,435,100	919,862	908,359	886,646	842,974	1,148,700	877,660	753,362	807,109	822,896
	C=Capital Reserve	2,438,000	721,500	84,000	196,000	30,000	4,589,000	470,000	260,000	175,000	25,000
	D=Debt	7,090,000	7,542,000	7,990,000	4,481,000	6,749,000	2,570,000	10,365,000	7,627,000	3,671,000	4,185,000
	G=Grant 100 % Funded	2,022,000	428,000	317,000	323,250	317,000	2,567,000	1,438,000	317,000	323,250	317,000
	P=Parkland setaside	85,000	45,000	50,000	50,000	50,000	75,000	120,000	0	0	0
	Total Cost Equip. & Projects	13,070,100	9,656,362	9,349,359	5,936,896	7,988,974	10,949,700	13,270,660	8,957,362	4,976,359	5,349,896
	Total w/o Grant Funded	11,048,100	9,228,362	9,032,359	5,613,646	7,671,974	8,382,700	11,832,660	8,640,362	4,653,109	5,032,896
	O=Operating	11%	10%	10%	15%	11%	10%	7%	8%	16%	15%
	C=Capital Reserve	19%	7%	1%	3%	0%	42%	4%	3%	4%	0%
	D=Debt	54%	78%	85%	75%	84%	23%	78%	85%	74%	78%
	G=Grant 100 % Funded	15%	4%	3%	5%	4%	23%	11%	4%	6%	6%
	P=Parkland setaside	1%	0%	1%	1%	1%					
	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%
	W/O Grant reimbursed projects										
	O=Operating	13%	10%	10%	16%	11%	14%	7%	9%	17%	16%
	C=Capital Reserve	22%	8%	1%	3%	0%	55%	4%	3%	4%	0%
	D=Debt	64%	82%	88%	80%	88%	31%	88%	88%	79%	83%
	P=Parkland setaside	1%	0%	1%	1%	1%	1%	1%	0%	0%	0%
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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Preventative Maintenance	19,500	0	0	0	0
Replacement aged/obsolete	1,518,650	2,261,862	164,359	166,396	138,974
Health & Safety	1,025,000	30,000	0	12,500	0
Service Enhancement	222,450	340,000	50,000	50,000	50,000
Compliance	0	0	0	0	0
Total for General Fund	2,785,600	2,631,862	214,359	228,896	188,974
Preventative Maintenance	767,000	782,000	790,000	790,000	790,000
Replacement aged/obsolete	689,500	200,000	0	150,000	599,000
Health & Safety	425,000	65,000	350,000	0	300,000
Service Enhancement	0	0	0	0	0
Compliance	0	0	0	0	0
Total for Highway Fund	1,881,500	1,047,000	1,140,000	940,000	1,689,000
Preventative Maintenance	35,000	0	0	0	0
Replacement aged/obsolete	1,620,000	301,000	146,000	146,000	146,000
Health & Safety	1,760,000	900,000	2,565,000	1,761,000	3,240,000
Service Enhancement	20,000	0	0	0	0
Compliance	888,500	4,036,500	3,074,000	2,551,000	1,075,000
Total for Water Fund	4,323,500	5,237,500	5,785,000	4,458,000	4,461,000
Preventative Maintenance	250,000	430,000	50,000	0	0
Replacement aged/obsolete	419,500	160,000	660,000	160,000	150,000
Health & Safety	3,410,000	150,000	1,500,000	150,000	1,500,000
Service Enhancement	0	0	0	0	0
Compliance	0	0	0	0	0
Total for Sewer Fund	4,079,500	740,000	2,210,000	310,000	1,650,000

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Fund	Equipment/ Project No.	Description of Project	Classification Types	Total Estimated Cost 2016-2020	Proposed 2016					Funding Source
					2016	2017	2018	2019	2020	
GF	Justice Court	Closed Circuit TV system Equip.	H & S	5,000	5,000					Grant
GF	Assessor	New copier	RAO	2,000	2,000					Operating
GF	Adams St. Garage Roof	Replace Adams Street Garage roof - General Fund Facility	H & S	270,000	270,000					Capital Reserve
GF	Adams St. Garage Roof	Replace Adams Street Garage roof - General Fund Facility-Debt portion	H & S	90,000	90,000					Debt
GF	Communication & Seniors HVAC	HVAC Replacement for Communications & Seniors offices @Town Hall	P M	9,500	9,500					Operating
GF	Fuel System Upgrades	Replace pump at Town Hall, Highway Garage, Elm Ave Park and 308 Kenwood (Water and Sewer Portion included in water / sewer line items)	H & S	60,000	60,000					Capital Reserve
GF	Town Hall 2nd Floor Bathroom Renovation		RAO	35,000	35,000					Operating
GF	Town Hall repairs and Maintenance		RAO	30,000	30,000					Operating
GF	First Floor Office Renovation		Service	30,000	30,000					Capital Reserve
GF	MIS	Misc. Equipment & Software	RAO	15,000	15,000					Operating
GF	MIS	Vm Failover Server	RAO	10,000	10,000					Operating
GF	MIS	IPad & Mobile Printers (2-Seniors)	Service	3,000	3,000					Operating
GF	Telecommunicators	Misc. Equipment & Hardware/Software	RAO	6,000	6,000					Operating
GF	Police	Bulletproof Vests	H & S	15,250		9,000		6,250		Operating
GF	Police	Bulletproof Vests	H & S	15,250		9,000		6,250		Grant
GF	Police	Fob Security System 4 Doors	H & S	12,000		12,000				Grant
GF	Police	Field Reporting Equipment	RAO	227,000		227,000				Debt
GF	Police	4 - Police Patrol Cars In The Out Year- 3 Yrs 2018-2020	RAO	411,590		99,862	101,859	103,896	105,974	Operating
GF	Police	2 - Police Patrol Cars #714,718	RAO	65,100	65,100					Operating
GF	Police	1 Unmarked Vehicle	RAO	29,350	29,350					Operating
GF	Police	2 In Car Video Camera Systems	RAO	10,000	10,000					Operating
GF	Police	Security Upgrade Communications & Evidence Room	Service	10,450	10,450					Operating
GF	Police	Radar	RAO	2,500	2,500					Operating
GF	Police	Fire Investigation Equipment	Service	5,000	5,000					Operating
GF	Police	Motorola In Car Radios (3)	RAO	4,050	4,050					Operating
GF	Police	Motorola Portable Radios For Replacement (10)	RAO	8,200	8,200					Operating
GF	Signs & Signal Office	Misc. Sign Replacement and Repairs - Material purchase	RAO	12,000	2,000	2,000	2,500	2,500	3,000	Operating
GF	Highway Garage	Install mandated Oil / Water Separator	RAO	60,000	60,000					Capital Reserve
GF	Highway Garage	Laptop & Cummings International Diagnostic Software	P M	2,700	2,700					Operating
GF	Sidewalks	Sidewalks Safe Routes to School Pgrm. Delmar place/Fernbanks	H & S	500,000	500,000					Grant 100 % reimb. Up to \$500k
GF	Feura Bush Sidewalk	Glenmont to Elm Ave 2014/ Elsmere-Elm 2015	Service	250,000		250,000				Capital Reserve
GF	Feura Bush Sidewalk	Engineering portion	Service	15,000	15,000					Capital Reserve
GF	Feura Bush Sidewalk	LGPEP Grant portion between Wemple & Glenmont Plaza	Service	90,000		90,000				Grant
GF	Delaware Ave Enhancement	Grant funded portion - includes engineering costs	RAO	950,000	950,000					Grant
GF	Delaware Ave Enhancement	Town Share	RAO	1,800,000	0	1,800,000				Debt
GF	Sidewalk Repair/Replace	Sidewalk repair, replacement of minor installations throughout Town	RAO	150,000	30,000	30,000	30,000	30,000	30,000	Capital Reserve
GF	Trf. Sta.	Hook lift containers	RAO	15,000	15,000					Operating

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GF	Seniors	Replace Car #808 has 117k mi. with new energy efficient vehicle	RAO	50,000		0	20,000	30,000		Operating
GF	Seniors	10 Passenger Wheel Chair Van W/Lift \$55,000 portion pd w/ Cap Res.	RAO	20,500	20,500					Operating
GF	Seniors	10 Passenger Wheel Chair Van W/Lift	RAO	34,500	34,500					Capital Reserve
GF	Parks	Rec Trac Software Upgrade	P M	7,300	7,300					Operating
GF	Parks	Remarcite pools	H & S	100,000	100,000	0				Capital Reserve
GF	Parks	Replace Elm Ave Park Playground	RAO	25,000	25,000					Parkland Set Aside
GF	Parks	Replace Elm Ave Park Playground	RAO	155,000	155,000					Grant
GF	Parks	Kayak Launch at Henry Hudson	Service	45,000	45,000					Grant
GF	Parks	Trail Network at Elm Ave Park as recommend by Park Master Plan	Service	50,000	50,000					Grant
GF	Parks	Trail Network at Elm Ave Park as recommend by Park Master Plan	Service	165,000	15,000		50,000	50,000	50,000	Parkland Set Aside
	Parks	South Bethlehem Park Land Acquisition	Service	45,000	45,000					Parkland Set Aside
GF	Parks	Conference Room Floor Replacement	RAO	3,000	3,000					Operating
GF	Parks	Replace Locks In Pool Area	RAO	1,750	1,750					Operating
GF	Parks	Install Family Changing/Bathroom Facility	Service	4,000	4,000					Operating
GF	Parks	Replace 7X21 Soccer Goals	RAO	3,700	3,700					Operating
GF	Parks	Misc. Hardware/ Software	RAO	1,000	1,000					Operating
GF	Parks	Mower (routine annual replacement)	RAO	35,000		35,000	0			Debt
GF	Parks	Replace Maintenance Storage Building Roof	RAO	45,000		45,000				Parkland Set Aside
GF	Replace Truck 506	2007 Jeep Liberty 4WD	RAO	23,000		23,000				Operating
GF	GIS	Server replacement	RAO	10,000			10,000			Operating
	Total Fund			6,049,690	2,785,600	2,631,862	214,359	228,896	188,974	
HF	Hwy Improve.	Weisheit Rd. Improvements	H & S	300,000			0		300,000	Debt
HF	Hwy Improv.	North St reconstruction	H & S	415,000		65,000	350,000			Debt
HF	Hwy Improv.	Annual Pavement Program-Operating	P M	2,079,000	280,000	380,000	473,000	473,000	473,000	Operating
HF	Hwy Improv.	Annual Pavement Program - Chips Grant	P M	1,585,000	317,000	317,000	317,000	317,000	317,000	Grant
HF	Hwy Improv.	Annual Pavement Program-Capital Reserve	P M	255,000	170,000	85,000				Capital Reserve
HF	Krumkill Road Culvert	Replace existing 80" culvert	H & S	425,000	425,000	0				Debt
HF	Machinery	Equipment Replacement Program	RAO	374,000					374,000	Debt
HF	Machinery	Highway Equipment	RAO	59,500	59,500					Operating
HF	Machinery	Replace aged/obsolete equipment #95 - Sweeper , #94 & #45	RAO	595,000	595,000					Debt
HF	Machinery	Replace aged/obsolete equipment #156	RAO	200,000		200,000				Debt
HF	Machinery	Replace aged/obsolete equipment #35	RAO	150,000				150,000		Debt
HF	Machinery	Replace aged/obsolete equipment #74	RAO	225,000					225,000	Debt
HF	Machinery	Replace aged/obsolete equipment #62	RAO	35,000	35,000					Operating
	Total Fund			6,697,500	1,881,500	1,047,000	1,140,000	940,000	1,689,000	
WF	Admin. hardware	Recurring Cost	RAO	5,000	1,000	1,000	1,000	1,000	1,000	Operating
WF	Park Tank	Fill and Surge Valve control and operation Improvements-Creble Rd	H & S	50,000		50,000				Capital Reserve
WF	Various	Misc. Valve, pump, VFD, Transmitter replace/upgrade RS	RAO	35,000	35,000					Operating
WF	Water Tank Rehabilitation	Rehabilitation and recoating of existing water storage tanks	H & S	1,621,000	120,000	140,000	640,000	121,000	600,000	Debt
WF	Fisher Blvd	Flow Monitoring and Standby power Generation- Ross valve	RAO	50,000		50,000				Capital Reserve
WF	Power & Supply	Unforeseen Replacement of equipment	RAO	100,000	20,000	20,000	20,000	20,000	20,000	Operating

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WF	Stage III	Purchase and install flow meter and meter Chamber	RAO	30,000		30,000					Capital Reserve
WF	SAWD - Well	Well Improvements - Engineering	RAO	10,000	10,000						Operating
WF	Purification/ New Salem	Misc. repairs and Improvements to Water Treatment Plant	Compliance	350,000	65,000	65,000	70,000	75,000	75,000		Operating
WF	Purification/ New Salem	Steam Line replacement, including mold and asbestos abatement	Compliance	215,000	215,000						Debt
WF	Dam Safety Improvements	Mandated improvements and repairs to dam facilities and reservoir to comply with NYSDEC regs.	Compliance	1,600,000	195,000	945,000		460,000			Debt
WF	Dam Safety Improvements	Dam Safety Project - Engineering Capital Reserve Portion	Compliance	60,000	13,500	26,500	4,000	16,000			Capital Reserve
WF	NSWTP - DBP / WTP Improvement	Clarifier rehab; Filter Improvements; Recycle PS Improvements; Clearwell improvements; \$750K request for Bonding in 2014 for filter rehab	H & S	5,000,000	750,000		1,250,000	1,000,000	2,000,000		Debt
WF	NSWTP	Boat motor for patrol boat	RAO	4,500	4,500						Operating
WF	NSWTP	Mower for Large tractor 84"	RAO	5,000	5,000						Operating
WF	NS Softener Bldg - Door and Windows	Replace 70 year old doors and window	H & S	70,000	0	35,000	35,000				Operating
WF	NSWTP	Chemical Resist/ Anti Slip Floor Coating	H & S	35,000	0	35,000					Operating
WF	NSWTP - 1-6 filter valve upgrade /install	#1-#6 filter valves and controller upgrade	H & S	250,000	250,000						Capital Reserve
WF	Purification/ New Salem	UPS Replacement/PLC software/Citect Scada software updates	RAO	20,000	0	5,000	5,000	5,000	5,000		Operating
WF	Purification/ New Salem	Misc. Property repairs Misc. Masonry Work-Building ,Fence Repairs & Transfer Station Repairs	RAO	365,000	85,000	70,000	70,000	70,000	70,000		Operating
WF	Vly creek reservoir	Purchase property south west side of Vly - included but not completed in 2012 budget	Service	20,000	20,000						Capital Reserve
WF	CRWTP - Pre-treatment and plant rehab	Pilot testing & Addition of pre-treatment process and plant upgrades, including: pilot testing, pre-treatment (aeration, clarification, site work, building), raw water reservoir dredging & disposal, raw water main pigging, filter re-coating, filter/clarifier media replacement, backwash lagoon rehab	Compliance	9,400,000	400,000	3,000,000	3,000,000	2,000,000	1,000,000		Debt
WF	Purification/ Clapper Rd	Equipment Replacement- LED light operating floor	RAO	25,000	0	25,000					Operating
WF	Purification/ Clapper Rd	Replacement Misc. failed/obsolete equip. & Furniture	RAO	200,000	40,000	40,000	40,000	40,000	40,000		Operating
WF	CRWTP	specialized Reporting software	RAO	20,000	20,000						Operating
WF	Replace Truck 332	2004 Chevy 1-ton utility truck w/ crane	RAO	50,000	0	50,000					Operating
WF	CRWTP / Dinmore - PLC and Controller replacement	Replacement of PLC's and controllers for communication between SCADA and existing equipment at Dinmore Road and CRWTP	RAO	400,000	400,000						Capital Reserve
WF	Clapper Rd	Replace CI2 Room Doors	P M	35,000	35,000						Operating
WF	Clapper Rd	Vfd For Waste Pumps And CI2 Booster Pumps	RAO	35,000	35,000						Operating
WF	Clapper Rd	Snow Broom For Tractor	RAO	10,000	10,000						Operating
WF	CRWTP -SCADA Hardware	UPS/Hardware/Printers/Monitors	RAO	50,000	10,000	10,000	10,000	10,000	10,000		Operating
WF	CRWTP - Wellfield	Electrical feed to wellfield improvements - engineering	RAO	60,000	60,000						Capital Reserve
WF	CRWTP - Wellfield	Electrical feed to wellfield improvements - construction	RAO	750,000	750,000						Debt
WF	Fuel System Upgrades	Replace pump at Town Hall, Highway Garage, Elm Ave Park and 308 Kenwood (water Portion)	RAO	10,000	10,000						Capital Reserve
WF	Water Main Replacements	Looping and replacement of aging water mains to improve water quality and reduce outages. Various locations.	H & S	200,000	40,000	40,000	40,000	40,000	40,000		Operating
WF	Water Main Replacements	Looping and replacement of aging water mains to improve water quality and reduce outages. Various locations.	H & S	3,000,000	600,000	600,000	600,000	600,000	600,000		Debt
WF	Transmission	Land Acquisition	RAO	15,000	15,000						Capital Reserve
WF	308 Kenwood	Misc. Building improvements to 308 Kenwood	RAO	8,500	8,500						Operating
WF	309 Kenwood	Hardware /Software Misc.	RAO	1,000	1,000						Operating
WF		Replace Light Tower	RAO	70,000	70,000						Operating

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WF	Transmission	Misc. tool, safety equip, pumps	RAO	30,000	30,000					Operating
WF	Total Fund			24,265,000	4,323,500	5,237,500	5,785,000	4,458,000	4,461,000	
SF	Sewer Collection	Equip & Furn	RAO	1,000	1,000					Operating
SF	Sewer Collection	Hardware/ Software	RAO	1,000	1,000					Operating
SF	Sewer Collection	Pump Sta. Misc.- Land Acquisition	H & S	10,000	10,000					Operating
SF	Pump Station Rehabilitation	Pump Station Replacement/Rehabs - includes 1.5m 2012 approval	H & S	3,000,000		0	1,500,000	0	1,500,000	Debt
SF	Pump Station Rehabilitation	Pump Station Replacement/Rehabs - Engineering	H & S	300,000	0	150,000	0	150,000		Capital Reserve
SF	Pump Station Rehabilitation	Hammagrael Pump Station elimination	H & S	140,000	140,000					Capital Reserve
SF	Force Main Rehabilitation	Force Main Replacement / Rehab	RAO	750,000	150,000	150,000	150,000	150,000	150,000	Operating
SF	DASNY - North Bethlehem Sewer Improvements	Phase II of the N. Bethlehem Force main and Interceptor Sewer project - EFC low interest loan 1.5%, 30yr.	H & S	2,600,000	2,600,000					Debt
SF	Fuel System Upgrades	Replace pump at Town Hall, Highway Garage, Elm Ave Park and 308 Kenwood (Sewer Portion)	RAO	10,000	10,000					Capital Reserve
SF	Replace Truck 404	Replace Truck 405	RAO	30,000	30,000					Operating
SF	Replace Truck 403	Replace Truck 413 - deferred from 2013	RAO	30,000	30,000					Operating
SF	Sewer Collection	Misc. tool, safety equip, pump replacements	RAO	50,000	50,000					Operating
SF	Sewer Collection	Upgrade PS monitor & Flow meter Equip	RAO	10,000	10,000					Operating
SF	Sewer Collection	Misc. Building Improvements	RAO	40,000	10,000	10,000	10,000	10,000	10,000	Operating
	Total			6,972,000	3,042,000	310,000	1,660,000	310,000	1,650,000	
SF	WWTP - North & South Clarifiers	Clarifier Re-build	H & S	600,000	600,000					Capital Reserve
SF	WWTP	Aeration Basin Cleanout	H & S	60,000	60,000					Operating
SF	WWTP - Paving	Paving at WWTP	P M	150,000	50,000	50,000	50,000			Capital Reserve
SF	WWTP - Misc. Upgrades	As recommended in master plan - Roof replacement; breaker upgrade	P M	580,000	200,000	380,000				Debt
SF	Replace Truck 431	Replace Dump Truck #432 - deferred since 2014	RAO	100,000	100,000					Capital Reserve
SF		Equip & Furn	RAO	1,000	1,000					Operating
SF		Hardware/ Software	RAO	1,500	1,500					Operating
SF		Fleet Replacement	RAO	25,000	25,000					Operating
SF	Pump Gallery Improvements	AS discussed in master Plan	RAO	500,000			500,000			Debt
	Total			2,017,500	1,037,500	430,000	550,000	0	0	
	Total Fund	Sewer Fund		8,989,500	4,079,500	740,000	2,210,000	310,000	1,650,000	
	Total All Funds			46,001,690	13,070,100	9,656,362	9,349,359	5,936,896	7,988,974	