

## Streets and Utilities Master Plan

Overview		Funding										
Project	Description	Estimate	General	Water	Sewer	Reserve/ Other	Bond	Outside	Total	Notes	Account Code	
<b>2019</b>												
PRV Upgrades Phase I: Overlook, College Terrace, Upper West, Lower West, Upper Clinton	Replace pressure reducing valves and provide actuators, provide electric service, connect to SCADA & program auto-flush operation to maintain water quality at (5) locations; clean/replace upstream/downstream water mains as needed	\$ 225,000		\$ 225,000					\$ 225,000		F.9950.9	
Wilber Park Sanitary Sewer Main Replacement	Replace 1,700 LF of 6" clay tile with 10" SDR-35, including (8) new precast concrete manholes; new alignment to be further from Oneonta Creek and avoid tennis courts	\$ 160,000			\$ 160,000				\$ 160,000		G.9950.9	
Misc. Sanitary Sewer Collection System Improvements	Clean, inspect, TV and line/replace sanitary sewer mains	\$ 100,000			\$ 100,000				\$ 100,000		G.8120.464	
Misc. Street Rehabilitation and Reconstruction	Milling, drainage improvements, grading, paving	\$ 640,000	\$ 545,000					\$ 95,000	\$ 640,000	CHIPS	A.9950.9	
		\$ 1,025,000	\$ 545,000	\$ 225,000	\$ 260,000	\$ -	\$ -	\$ 95,000	\$ 1,125,000			
<b>2020</b>												
Misc. Street Rehabilitation and Reconstruction	Milling, drainage improvements, grading, paving	\$ 2,650,000	\$ 225,000	\$ -	\$ 100,000	\$ -	\$ 2,000,000	\$ 325,000	\$ 2,650,000	CHIPS	A.9950.9	
		\$ 2,650,000	\$ 225,000	\$ -	\$ 100,000	\$ -	\$ 2,000,000	\$ 325,000	\$ 2,650,000			
<b>2021</b>												
Misc. Street Rehabilitation and Reconstruction	Milling, drainage improvements, grading, paving	\$ 650,000	\$ 296,500	\$ 3,500	\$ 100,000	\$ -	\$ -	\$ 250,000	\$ 650,000	CHIPS	A.9950.9	
		\$ 650,000	\$ 296,500	\$ 3,500	\$ 100,000	\$ -	\$ -	\$ 250,000	\$ 650,000			
<b>2022</b>												
Misc. Street Rehabilitation and Reconstruction	Milling, drainage improvements, grading, paving	\$ 2,973,800	\$ 252,000	\$ -	\$ 100,000	\$ -	\$ 2,371,800	\$ 250,000	\$ 2,973,800	CHIPS	A.9950.9	
		\$ 2,973,800	\$ 252,000	\$ -	\$ 100,000	\$ -	\$ 2,371,800	\$ 250,000	\$ 2,973,800			
<b>2023</b>												
Misc. Street Rehabilitation and Reconstruction	Milling, drainage improvements, grading, paving	\$ 650,000	\$ 300,000	\$ -	\$ 100,000	\$ -	\$ -	\$ 250,000	\$ 650,000	CHIPS	A.9950.9	

# General Facilities Master Plan

<b>Overview</b>		<b>Funding</b>									
<i>Project</i>	<i>Description</i>	<i>Estimate</i>	<i>General</i>	<i>Water</i>	<i>Sewer</i>	<i>Reserve/ Other</i>	<i>Bond</i>	<i>Outside</i>	<i>Total</i>	<i>Notes</i>	<i>Account Code</i>
<b>2019</b>											
City Hall Security Doors & Cameras	Install security doors and cameras	\$ 20,000	\$ 20,000						\$ 20,000	ZS Security quote	A.1620.2
PSB Emergency Generator Replacement	Replace existing rooftop emergency generator w/ natural gas-fired, decommission existing underground diesel fuel tank	\$ 80,000	\$ 80,000						\$ 80,000		A.1621.2
Buidling Study	Space utilization	\$ 50,000	\$ 50,000						\$ 50,000		A.1440.463
		\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000		
<b>2020</b>											
City Hall Emergency Generator Installation	Install emergency generator	\$ 100,000	\$ 100,000						\$ 100,000	None existing	A.1620.2
DPS Neahwa Maintenance Building Fire Alarm Installation	Install fire alarm system	\$ 40,000	\$ 40,000						\$ 40,000	None existing	A.7110.2
City Hall Fire Alarm System Installation	Install detectors, audio/visual alarms, monitoring system	\$ 105,000	\$ 100,000						\$ 100,000	Requires service & monitoring contract USDA Rural Development?	A.1620.2
PSB Fire/Security Alarm System Installation	Replace antiquated system	\$ 90,000	\$ 90,000						\$ 90,000	System failing, not to code	A.1621.2
ACA Building Gym Floor Refinishing	Refinish gym floor	\$ 10,000	\$ 10,000						\$ 10,000		A.1622.464
		\$ 345,000	\$ 340,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000		
<b>2021</b>											
ACA Building Fire Alarm System Installation	Install detectors, audio/visual alarms	\$ 40,000	\$ 40,000						\$ 40,000		
		\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000		
<b>2022</b>											
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>2023</b>											
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

## Parks Master Plan

Overview		Funding							
Project	Description	Estimate	General	Reserve/ Other	Bond	Outside	Total	Notes	Account Code
<b>2019</b>									
Brenner Rec Building Roof Replacement	Replace shingle roof	\$ 28,000	\$ 28,000				\$ 28,000	2-3 yrs life remaining	A.7110.2
Damaschke Field Grandstand Replacement	Demolish existing grandstand; design & construct new grandstand; active space, or other improvements	\$ 1,000,000				\$ 1,000,000	\$ 1,000,000	SAM	
		\$ 1,028,000	\$ 28,000	\$ -		\$ 1,000,000	\$ 1,028,000		
<b>2020</b>									
Neahwa Park Volleyball Court #2	Install new sand court next to existing court #1	\$ 7,000	\$ 7,000				\$ 7,000	See LA Group Master Plan	
Neahwa Park Tennis Courts Resurfacing		\$ 22,000	\$ 22,000				\$ 22,000	pulled from 2017 budget - not much usage	
Neahwa Park Basketball Court #1 Relocation	Remove existing court & seed area; install new court, sidewalk, & seating at new location next to court #2	\$ 42,000	\$ 42,000				\$ 42,000	See LA Group Master Plan	A.7110.2
Outdoor Fitness Court	Install fitness court primarily for seniors	\$ 80,000	\$ 80,000				\$ 80,000		A.7110.2
Neahwa Park Tree Planting	Plant trees in accordance	\$ 40,000		\$ 20,000		\$ 20,000	\$ 40,000	See LA Group Master Plan NYSDEC UCF 2016	A.7110.464
		\$ 191,000	\$ 151,000	\$ 20,000		\$ 20,000	\$ 191,000		
<b>2021</b>									
Neahwa Park Picnic Shelter	Install (1) new 20' x 30' picnic shelter on concrete slabs with new charcoal grill	\$ 50,000	\$ 50,000				\$ 50,000	See LA Group Master Plan	
		\$ 50,000	\$ 50,000	\$ -		\$ -	\$ 50,000		
<b>2022</b>									
Neahwa Park Picnic Shelter	Install (1) new 20' x 30' picnic shelter on concrete slabs with new charcoal grill	\$ 50,000	\$ 50,000				\$ 50,000	See LA Group Master Plan	
		\$ 50,000	\$ 50,000	\$ -		\$ -	\$ 50,000		
<b>2023</b>									
Neahwa Park Picnic Shelter	Install (1) new 20' x 30' picnic shelter on concrete slabs with new charcoal grill	\$ 50,000	\$ 50,000				\$ 50,000	See LA Group Master Plan	
		\$ 50,000	\$ 50,000	\$ -		\$ -	\$ 50,000		

# Fleet and Equipment Master Plan

Overview				Funding									
New Vehicle/Equipment	Retire Vehicle/Equipment	Retire V.I.D. #	Department / Group	Estimate	General	Water	Sewer	Enterprise	Reserve/ Other	Outside	Total	Notes	Account Code
<b>2019</b>													
Flatbed Truck	Flatbed (under CDL weight limit)	340	DPS	\$ 115,000	\$ 38,333	\$ 38,333	\$ 38,334				\$ 115,000		A.5110.2 F8340.2 G8120.2
Sewer Cleaner/Vacuum Truck	Sewer Cleaner	371	DPS	\$ 350,000			\$ 350,000				\$ 350,000	7300-SFA-4X2	G.8120.2R
ATV w/ Trailer			OFD	\$ 40,000	\$ 40,000						\$ 40,000		A.3410.2
Patrol Motorcycle	N/A	N/A	OPD	\$ 20,000	\$ 20,000						\$ 20,000		A.3120.2
				\$ 525,000	\$ 98,333	\$ 38,333	\$ 388,334	\$ -	\$ -	\$ -	\$ 525,000		
<b>2020</b>													
Zero Turn Mower	Reel Mower	295	Parks								\$ -		A.7110.2
Flatbed Truck	Flatbed	342	DPS	\$ 115,000	\$ 115,000						\$ 115,000		A.5110.2
Pickup	Utility Truck	299	B&G	\$ 35,000	\$ 35,000						\$ 35,000	Hawver's replacement	A.1440.2
Mini Sweeper Truck	n/a		B&G	\$ 100,000					\$ 100,000		\$ 100,000		A.8510.2
Box Van	1976 Chevrolet	268									\$ -		
Bobcat Front Loader	2000 Front End Loader	296		\$ 65,000	\$ 65,000						\$ 65,000		
3/4 Ton Pickup 4x4 w/plow	2008 Ford	306		\$ 47,000	\$ 47,000						\$ 47,000		
3/4 Ton Pickup 4x4 w/plow	2010 Chevrolet	308		\$ 47,000	\$ 47,000						\$ 47,000		
Hot Box Trailer	2009 Hot Box Trailer	HB1		\$ 55,000	\$ 55,000						\$ 55,000		
Riding Mower	Riding Mower Hydro 70-HYD-70 2002 Yale	295	Parks	\$ 14,000	\$ 14,000						\$ 14,000		
Riding Mower	2000 Riding Mower	ZT1	Parks	\$ 14,000	\$ 14,000						\$ 14,000		
Police Car	2013 Unmarked Impala	2534	OPD	\$ 42,000	\$ 42,000						\$ 42,000		
Police Car	2015 Cruiser Impala	2537	OPD	\$ 42,000	\$ 42,000						\$ 42,000		
Ambulance	2010 Chevrolet	1693	OFD	\$ 450,000	\$ 450,000						\$ 450,000		
Loader/Backhoe	2000 Case Loader/Backhoe	296	DPS	\$ 100,000	\$ 33,333	\$ 33,333	\$ 33,334				\$ 100,000		A.5110.2 F8340.2 G8120.2
				\$ 1,126,000	\$ 959,333	\$ 33,333	\$ 33,334	\$ -	\$ 100,000	\$ -	\$ 1,126,000		
<b>2021</b>													
Dump Truck w/plow	2011 International	376	DPS	\$ 215,000	\$ 215,000						\$ 215,000		
Tractor	2001 TC30 New Holland	778	Water Plant	\$ 55,000		\$ 55,000					\$ 55,000		
Police Car	2016 Cruiser -Explorer	2538	OPD	\$ 45,000	\$ 45,000						\$ 45,000		
Police Car	2014 Cruiser Caprice	2541	OPD	\$ 48,000	\$ 48,000						\$ 48,000		
Fire Rescue	2001 Saulsbury	1613	OFD	\$ 760,000	\$ 760,000						\$ 760,000		
				\$ 1,123,000	\$ 1,068,000	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 1,123,000		
<b>2022</b>													

## Fleet and Equipment Master Plan

<b>Overview</b>				<b>Funding</b>									
New Vehicle/Equipment	Retire Vehicle/Equipment	Retire V.I.D. #	Department / Group	Estimate	General	Water	Sewer	Enterprise	Reserve/ Other	Outside	Total	Notes	Account Code
		373		\$ 200,000	\$ -	\$ 50,000	\$ 50,000		\$ 100,000		\$ 200,000	winter water main break truck Reserve-Highway Equipment Reserve Water 25%, Sewer 25% General 50%	A.5110.2 F.8340.2 G.8120.2
10-Wheel Dump Truck	2007 International single axle dump truck w/ plow & wing		DPS										
Parks-Misc Equip	2012	GM1	Parks	\$ 28,000	\$ 28,000						\$ 28,000		
Pickup Truck	2012 Chevrolet Colorado	307	Water Plant	\$ 45,000	\$ 45,000						\$ 45,000		
Police Car	2014 Unmarked Caprice	2540	OPD	\$ 45,000	\$ 45,000						\$ 45,000		
Police Car	2017 Cruiser Explorer	2542	OPD	\$ 48,000	\$ 48,000						\$ 48,000		
				\$ 366,000	\$ 166,000	\$ 50,000	\$ 50,000	\$ -	\$ 100,000	\$ -	\$ 366,000		
<b>2023</b>													
Dump Truck w/plow	2013 Siverado 3500H	334	DPS	\$ 57,000	\$ 57,000						\$ 57,000		
Police Car	2018 Cruiser Explorer	2543	OPD	\$ 50,000	\$ 50,000						\$ 50,000		
Police Car	2018 Unmarked Sedan	2544	OPD	\$ 45,000	\$ 45,000						\$ 45,000		
Police Car	2018 Unmarked Sedan	2545	OPD	\$ 45,000	\$ 45,000						\$ 45,000		
Fire Rescue	2008 Yamaha Rhino	1661	OFD	\$ 40,000	\$ 40,000						\$ 40,000		
				\$ 237,000	\$ 237,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 237,000		

## Water Facilities Master Plan

Overview		Funding							
Project	Description	Estimate	Water	Reserve/ Other	Bond	Outside	Total	Notes	Account Code
<b>2019</b>									
Wilber Lake Dam Improvements	Restore earthen closure embankments & add rip rap, seal cracks & spalls in concrete spillway, install toe drains along closure embankments, install new siphon drawdown system, abandon existing low-level drain, establish uniform crest, remove trees & animal burrows	\$ 621,000				\$ 621,000	\$ 621,000	See CT Male Report CDBG 2018? 2018 CFA Application Submitted	H??.8321.??
Backwash Control Valves #4, #5, #6	Replace (3) backwash controls valves	\$ 50,000	\$ 9,153			\$ 40,847	\$ 50,000	Interfund transfer from CDS to use loan repayments from prior years.	F.8330.2
Intermediate Service Tank #4 Maintenance	Install protective caps & replace sacrificial anodes w/ <50% life remaining	\$ 35,000	\$ 35,000				\$ 35,000	assume all 9 anodes & clean bottom	F.8340.464
		\$ 796,000	\$ 134,153	\$ -	\$ -		\$ 796,000		
<b>2020</b>									
West End Tank Replacement	Replace West End distribution system storage tank & improve communication to WTP	\$ 1,215,000				\$ 1,215,000	\$ 1,215,000	pending visual inspection results EFC Grant (2018) \$279,000 EFC Loan (2018) \$186,000 CDBG Grant (2019 ) \$750,000	
Flocculation & Sedimentation Basin Repairs	Repair tops of floc walls, rebuild effluent end of sed basin, resurface & coat floc and sed basins, coat ext surface of aeration slab, replace walkway/bridges/stairs concrete over aerated water channel, install slide gates in floc & sed basins, inject leaking wall joints and cracks w/ polyurethane	\$ 1,200,000				\$ 1,200,000	\$ 1,200,000	EFC Grant (2018) \$720,000 EFC Loan (2018) \$480,000	
Filtration Improvements	Convert to semi-auto backwash process, install rate-of-flow controller for backwash control, implement filter-to-waste	\$ 250,000				\$ 250,000	\$ 250,000	EFC Grant (2018) \$150,000 EFC Loan (2018) \$100,000	
Valve Actuators Replacement		\$ 200,000				\$ 200,000	\$ 200,000	EFC Grant (2018) \$120,000 EFC Loan (2018) \$80,000	
Install 3rd High Service Pump & Pump House HVAC Improvements	Install a third high service zone pump in pump house; provide permanent ventilation in the pump house and improve heating	\$ 135,000				\$ 135,000	\$ 135,000	See GHD Report EFC Grant (2018) \$81,000 EFC Loan (2018) \$54,000	
WTP Sedimentation Basin Drain Line Connection to Sanitary Sewer		\$ 20,000	\$ 20,000				\$ 20,000		
Catella Well Cleaning	Clean well based on prior year's inspection documenting substantial reduction in flow	\$ 20,000			\$ 20,000.00		\$ 20,000		F.8320.464

# Water Facilities Master Plan

<b>Overview</b>		<b>Funding</b>							
<i>Project</i>	<i>Description</i>	<i>Estimate</i>	<i>Water</i>	<i>Reserve/ Other</i>	<i>Bond</i>	<i>Outside</i>	<i>Total</i>	<i>Notes</i>	<i>Account Code</i>
Catella Well Aquifer Testing	Obtain SRBC approval and conduct aquifer test running both Catella Well #1 & #2 to determine safe yield	\$ 12,000	\$ 12,000				\$ 12,000		F.8320.464
Filter-to-Waste Valves & Piping	Install new valves and piping to implement filter-to-waste	\$ 52,000	\$ 52,000				\$ 52,000		F.8330.2
WTP Backwash Pump and VFD Replacement	Replace backwash pumps and install variable frequency drives	\$ 80,000	\$ 80,000				\$ 80,000		F.8330.2
Filter Effluent Valves & Actuators #4, #5, & #6 Replacement	Replace (3) filter effluent valves & actuators	\$ 30,000	\$ 30,000				\$ 30,000		F.8330.2
WTP & Pump House Security Improvements	Improve security at pump house & treatment plant	\$ 30,000	\$ 30,000				\$ 30,000	ZS Security quote + new pole/electric x2	F.8330.2
WTP Electrical Gear Replacement	Replace electrical gear and relocate electric service to outside WTP	\$ 45,000	\$ 45,000				\$ 45,000	coordinate w/ NYSEG	F.8330.2
WTP Generator Roof	Construct 24'x28' wood framed metal roof on posts to cover emergency generator	\$ 15,000	\$ 15,000				\$ 15,000		F.8330.464
		\$ 3,052,000	\$ 32,000	\$ -	\$ 20,000		\$ 3,052,000		
<b>2021</b>									
Engineering Study: Sedimentation Basin Sludge Removal Equipment Upgrade	Develop plan on how to deal with the Plant Drain/Sludge Lagoon Effluent/Sanitary Sewer/etc.	\$ 10,000	\$ 10,000				\$ 10,000		
Catella Park Well #2 Development	Install pump & controls, connect to existing piping		\$ -				\$ -	Aquifer test will determine yield	
LS Pump #3 Upgrade		\$ 40,000	\$ 40,000				\$ 40,000		
WTP & Pump House Fire Alarm System Installation	Install fire alarm and CO detector system w/ monitoring	\$ 85,000	\$ 85,000				\$ 85,000	CDBG??	
			\$ -				\$ -		
		\$ 135,000	\$ 135,000	\$ -	\$ -		\$ 135,000		
<b>2022</b>									
			\$ -				\$ -		
			\$ -				\$ -		
			\$ -				\$ -		
<b>2023</b>									
Water Tank #4 Inspection & Testing	Test cathodic protection & visually inspect, every 3 years	\$ 1,760	\$ 8,800				\$ 8,800	must drain each tank to test & inspect	
Flocculation Basin Mixing	Install vertical flocculation agitators	\$ 550,000				\$ 550,000	\$ 550,000	See GHD Report EFC Grant (2022) \$330,000, EFC Loan (2022) \$220,000	
Ozonation	Install ozone equipment	\$ 900,000				\$ 900,000	\$ 900,000	pending further research EFC Grant (2022) \$540,000, EFC Loan (2022) \$360,000	

## Water Facilities Master Plan

Overview		Funding							
Project	Description	Estimate	Water	Reserve/ Other	Bond	Outside	Total	Notes	Account Code
Filter Gallery Reconstruction	Reconstruct Filter Gallery	\$ 1,750,000				\$ 1,750,000	\$ 1,750,000	See GHD Report; needed? EFC Grant (2022) \$1,050,000 EFC Loan (2022) \$700,000	
Air Blower Relocation	Relocate air blower to separate room and install additional blower	\$ 160,000				\$ 160,000	\$ 160,000	See GHD Report EFC Grant (2022) \$96,000, EFC Loan (2022) \$64,000	
Backwash Pumps Replacement	Replace backwash pumps	\$ 160,000				\$ 160,000	\$ 160,000	See GHD Report EFC Grant (2022) \$96,000, EFC Loan (2022) \$64,000	
Sedimentation Basin Sludge Removal Equipment Upgrade	Replace Clari-Vac system with chain and flight system	\$ 300,000				\$ 300,000	\$ 300,000	See GHD Report EFC Grant (2022) \$180,000, EFC Loan (2022) \$120,000	
			\$ -				\$ -		
		\$ 3,821,760	\$ 8,800	\$ -	\$ -		\$ 3,828,800		



# Wastewater Facilities Master Plan

Overview		Funding							
Project	Description	Estimate	Sewer	Reserve/ Other	Bond	Outside	Total	Notes	Account Code
<b>2019</b>									
Digester Plunger Pump	Replace 1 of 4 pumps used to transfer and mix sludge	\$ 25,000	\$ 25,000.00				\$ 25,000.00		G.8130.2
Influent & Effluent Volumetric Samplers	Purchase & install volumetric samplers for WWTP influent and effluent; connect to SCADA	\$ 15,000	\$ 15,000.00				\$ 15,000.00		G.8130.2
		\$ 40,000	\$ 40,000.00	\$ -	\$ -	\$ -	\$ 40,000.00		
<b>2020</b>									
Digester Plunger Pump	Replace 1 of 4 pumps used to transfer and mix sludge	\$ 25,000	\$ 25,000.00				\$ 25,000.00		G.8130.2
		\$ 25,000	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00	\$ 25,000.00		
<b>2021</b>									
Digester Plunger Pump	Replace 1 of 4 pumps used to transfer and mix sludge	\$ 25,000	\$ 25,000.00				\$ 25,000.00		G.8130.2
		\$ 25,000	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 25,000.00		
<b>2022</b>									
Misc. Concrete & Building Repairs	Repair deteriorated concrete and other building repairs at various locations throughout the plant	\$ 80,000	\$ 80,000.00				\$ 80,000.00		G.8130.464
		\$ 80,000	\$ 80,000.00	\$ -	\$ -	\$ -	\$ 80,000.00		
<b>2023</b>									
WWTP Fire Alarm System Installation	Install fire alarm and CO detector system w/ monitoring	\$ 75,000	\$ 75,000.00				\$ 75,000.00	Requires service & monitoring contract	G.8130.2
		\$ 75,000	\$ 75,000.00	\$ -	\$ -	\$ -	\$ 75,000.00		