



CITY OF BEACON New York

WATER DEPARTMENT

845-831-3136

To: Anthony Ruggiero

Date: October 30, 2019

From: Edward Balicki

Re: Water and Sewer Capital Projects Update

Anthony,

As per your request I have compiled a list of recently completed and current Capital Projects. I have broken down the list by each department that the Capital Project was for; Wastewater Treatment (WWTP), Sanitary Sewer, Water Treatment and Water Department. I have included vehicle and equipment purchases with the corresponding department. I have also provided a list of emergency projects as well that were not part of Capital but were large expenditures.

WWTP Project	Status	Cost
Septic Receiving Station	Complete	\$200,000
Digester Cleaning	Complete	\$200,000
Concentration Tank Drive Replacement	Complete	\$207,000
Aeration Tank Sluice Gates & Scum Pump	Complete	\$81,000
Paint Sludge Control Building	Complete	\$35,000
Purchase 2 New Trucks	Complete	\$45,000 each
Purchase New Bobcat	Complete	\$30,000
WWTP Headworks	Under Construction	\$3,500,000
Final Settling Tanks Overhaul	Under Construction	\$751,000
Aeration Tank and Diffuser Upgrades	Under Construction	\$600,000
Belt Press Mechanical Improvements	Under Construction	\$50,000
Water Flow Meters	Purchased	\$45,000
Centrifuge Study	Under Review	\$30,000
Chlorine Contact Chamber	In Design	\$2,400,000



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Sanitary Sewer	Status	Cost
City Wide Infiltration and Inflow Improvements*	Complete	\$5,800,000 <small>*Completed work schedule attached</small>
South Sewer Interceptor Simmons Lane (Behind ARF)	Complete	\$700,000
Wilkes Street Slip Lining	Complete	\$82,000
Purchase New Sewer Inspection Camera	Complete	\$75,000
Teller Avenue between Cather and Henry	Complete	\$222,000
Purchase New Main Line Inspection Camera	Complete	\$75,000
Rombout Avenue Sewer (Part of complete road recon)	Complete	\$400,000
Phillips Street (Part of complete road recon)	Under Construction	\$420,000
West Main St Pump Station 2020	Engineering phase	\$2,100,000
West Main St Pump Station Force Main 2020	Engineering phase	\$1,800,000
North Interceptor (Dia to WWTP) 2020	Engineering phase	\$1,600,000

Water Treatment	Status	Cost
Replace Fairview Water Storage Tank	Complete	\$1,400,000
Filter Media Replacement	Complete	\$198,000
Water System Audit	Complete	\$35,000
Purchase New Operators Truck	Complete	\$30,000
SCADA Upgrade	Complete	\$325,000
Replace Filter Plant Rate of Control Panel (2 nd Phase of SCADA Upgrade)	Under Development	\$125,000
Reface Pocket Dam	Awaiting Bid	\$350,000
Reface Mt. Beacon Reservoir 2020	Engineering	\$2,500,000



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Water Treatment	Status	Cost
Melzingah Dam Valve and Piping Replacement 2020	Engineering	\$400,000
Cargill Transmission Main 2020	Engineering	\$1,300,000

Water Department	Status	Cost
Wilson Street Water Main Replacement	Complete	\$640,000
Vine Street Water Main Replacement	Complete	\$500,000
Phillips Street (Part of complete road recon)	Under Construction	\$587,000
Purchase New Utility Van	Complete	\$50,000
Purchase New Large Dump	Complete	\$220,000

Large Expenses (Non-Capital)	Costs
Collapsed Manhole Main St & Tioronda	\$250,000
Spring Valley Sewer (Along Fishkill Creek)	\$200,000
Wilson Street Sewer Collapsed	\$250,000
Well #2 Rehabilitation (due to heavy silting) Still under review	\$200,000

If you have any questions, comments or need further explanation of any of the projects please let me know.

Respectfully,

Edward Balicki
City of Beacon
Water and Sewer Department