

Ballston Spa DPW Capital Project Plan

Nov 2021

Priority	Project	Type	Timeframe	Description	Funding Source	Cost Estimate *
	West North Street	Stormwater	Completed (Village)	DPW	Village Funded	\$10,000
	Lowell Street Booster Station Valve Replacement	Water	Completed (Village)	Replace valves with the Lowell St booster pump station	\$50K from Walsh Grant, remainder \$107,680 from ARPA	\$22,328
	Lowell Street Booster Station Pump Replacement	Water	In Progress, Feb 2022 (Village)	Replace 2 pumps, delayed delivery		\$135,352
	Malta Ave, Fairground Ave, Union Firehouse	Stormwater	Completed	Replacing Stormwater Pipes	DASNY/SAM	\$46,783
	Saratoga Avenue Stormwater Project	Stormwater	In progress	Replacing Stormwater Pipes	DASNY/SAM - \$103,216, balance Village funded	\$181,301
	Water Well Capacity Study	Water	In Progress (Chazen)		Village funded	\$21,500
1	Water System Feasibility Study	Water	6 months	Study options for location of water tower & water system	ARPA	\$30,000
2	John Street Water Storage Tank Replacement	Water	1-2 years	Replace 750,000 gallon water storage tank. Cell carrier coordination and small land area challenges. May need to be reconstructed on same site (need to verify adequate service with tank offline)	WIIA, DWSRF, CDBG	~\$2,000,000 just to replace tower
3	Geyser Road Well Generator	Water	1-2 years	Add automatic transfer switch and emergency generator to Well 4A and 4B motors	WIIA, CDBG, ARPA	\$30,000
4	Malta Avenue Slope Stabilization	Stormwater	1-2 years	Stabilize failing slope on Malta Ave	ARPA, IJJA	\$250,000
5	Well 4A Redevelopment (Geyser Rd)	Water	1-2 years	Redevelop well 4A to increase production	ARPA, IJJA	\$50,000
6	Kent Street Watermain Replacement	Water	3-5 years	replace approximately 800 ft of watermain on Kent Street	WIIA, DWSRF, CDBG	\$225,000

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7	Lewis St to Chester St Watermain Installation	Water	3-5 years	Install ~700 ft of watermain interconnecting Lewis Street and Chester Street	WIIA, DWSRF, CDBG	\$200,000
8	R/R Stormwater Study	Stormwater	1-2 years	Assessment Study	ARPA	\$100,000
9	R/R Sanitary Sewer Studies	Wastewater	1-2 years	Phased studies of sewer system (per study)	EPG grant resubmitted, Phase I, ARPA	\$36,000
10	Replace or reline stormwater pipes and catch basins	Stormwater	3-5 years	Replace or reline stormwater pipes and catch basins based on assessment study	WQIP	TBD
11	Replace or reline sewer pipes (portion of Village)	Wastewater	2-3 years	Replace or reline sewer pipes except Colonial Hills, and Bath Street. CFA grant for engineering planning study	CWSRF, CDBG, WIIA, WQIP, USDA	TBD
12	Replace or reline sewer pipes (Remainder of Village)	Wastewater	3-5 years	see above	CWSRF, CDBG, WIIA, WQIP, USDA	TBD
13	Water Meter Replacement	Water	3-5 years	Replace ~2,400 meters with modern, radio read meters to automate readings and simplify billing	CDBG Cares, GIGP, WIIA, DWSRF	\$1,000,000
14	Obsolete Valve Removal	Water	3-5 years	Two water valve vaults (Saratoga Ave & Prospect St) are obsolete, do not function and need to be removed. Replacement is not required.	WIIA, DWSRF, CDBG	\$20,000
19	DPW Facility	Facility	3-5 years	Construct new DPW facility	USDA	\$2,000,000 plus
14	Salt Storage Facility	Stormwater	3-5 years	Construct a salt shed within the Village	WQIP	\$400,000
15	Install curbs Study	Stormwater	3-5 years	Requires curbing assessment	WQIP, GIPG	\$25,000 for study
16	Install Curbs	Stormwater	3-5 years	Install curbs based on assessment study	WQIP, GIPG	TBD

* Conceptual level design has not yet been completed and the cost estimate is preliminary and budgetary only

Infrastructure Grants

Income Survey Completed in Sept 2021, (\$11,755). Village Qualifies as hardship community allows us access to CDBG and USDA funds and puts us in a more competitive position on other grants, especially IIJA

Grant	Description	Amt Funded
ARPA	Water, wastewater and Stormwater	\$536,000 over two years to Village (\$110,000 already committed)
IIJA	Infrastructure Investment and Jobs Act	wastewater and stormwater, additional funds for State grants and loans for Clean Water and Drinking water, STORM Act loans and grants, FEMA Flood Mitigation Assistance
WIIA	Water Infrastructure Improvement Act (infrastructure projects that protect or improve water quality and/or protect public health)	Clean water 25% of cost, Drinking water 60% of cost
DWSRF	<i>Drinking Water State Revolving Fund (federal-state partnership to help ensure safe drinking water)</i>	Low and Interest free loans for up to 30 year term
CDBG	Community Development Block Grant (NYS) (benefit low- and moderate-income families, Housing, public infrastructure, economic development and micro-enterprise business)	CDBG Planning Grant (\$50,000 with 5% match),\$1,000,000 in grant funds (no match) for public infrastructure servicing low-moderate areas. Requires income survey
GIGP	Green Innovation Grant Program - for water quality projects that mitigate climate change	Green stormwater infrastructure, energy efficiency, water efficiency
WQIP	Funding for projects to address water quality impairment or protect a drinking water source.	40% to 75% grant, depending on the activity. 50% for salt storage.
EPG	EPG program is to advance water quality projects to construction so successful applicants can use the engineering report funded by the grant to seek financing through the CWSRF program or other funding entities to further pursue the identified solution.	Village eligible for \$30,000 grant with 20% match
NBRG	Northern Border Regional Commission - State Economic Infrastructure Development Program	Water and Wastewater. Maximum grant \$1,000,000 50% match
CWSRF	<i>Clean Water State Revolving Fund provides interest-free or low-interest rate financing for wastewater and water quality improvement projects</i>	Low and Interest free loans for up to 30 year term