

BOE IT IMPROVEMENTS	
Project Description	MR46 WiFi Access Point (District-wide): Updated indoor WiFi access points which will allow the District to expand the wireless network in the schools by updating older hardware in the most problematic areas and repurposing the older hardware to provide coverage in areas that do not currently have adequate WiFi signal. MR76 WiFi Access Points (District-wide): New outdoor WiFi access points, antennas and licenses to allow schools the opportunity to utilize outdoor learning spaces during the school day. These access points will also provide Avon residents with WiFi access after school hours when they are in range of the school. BenQ Panels: A BenQ is an interactive flat panel screen that is germ resistant and comes with preloaded software. It has the ability to project from your computer or be turned into a touchscreen computer mirroring device. BenQ's have a broadcasting feature that allows content to be streamed to all panels in a school or across the district. BenQ's have replaced SmartBoards in classrooms. BenQ boards are already installed in the larger classrooms district wide. This project would continue the replacement of SmartBoards with BenQ boards. QNAP Security Camera Servers: Due to COVID restrictions, students moved around school buildings at times other than scheduled passing times and utilized outdoor spaces more frequently than usual. The existing servers recording the video streams from the security camera network are unable to process the high volume of data fast enough, leading to lost recordings. An additional server in each building will reduce the volume of data being processed by each server, reducing the possibility of lost recordings. The recordings are used for COVID contact tracing and school security.
Project Appropriation	\$236,000.00
Appropriation Spent	\$218,530.00
Project Manager	Elizabeth Ferry, BOE Director of Technology/Tom Kline, BOE Senior Network Administrator
Key Accomplishments & Next Steps	26 Interactive BenQ Panels The BOE's maintenance department continues to install the panels in classrooms and resource rooms across the district. 25 of the 26 panels have been installed as of 12/23/22. Camera Servers - All camera servers and software installs were received. The BOE IT department is working with the BOE Director of Security to arrange a time to erase the current servers and install the new software. One school has been migrated to the new server and software with a second planned for winter break. The remaining schools will most likely be migrated in Summer of 2023. Access Points All access points were received and the BOE IT department began installing the new access points across the district. 141 out of the 150 indoor access points have been installed. Two outdoor access points have been installed at Roaring Brook School and provide WiFi coverage in the front parking lot and in the rear playground areas. During the school day, access is limited to school devices only. The "APS Community" WiFi is available after school hours and on the weekends. The IT department continues to work with a vendor to run additional cable needed to install the remaining outdoor access points at the other schools.

DEEPWOOD DRIVE/NEW ROAD DRAINAGE	
Project Description	We have been experiencing more frequent and intense storm events over the past decade which force us to design and make immediate improvements to remedy wash outs, etc. Funding is requested to make more immediate repairs to the system that flows from Deepwood Drive to New Road to the Farmington River. This system has been problematic for over a decade.
Project Appropriation	\$275,000.00
Appropriation Spent	\$0.00
Project Manager	Larry Baril, Town Engineer
Key Accomplishments & Next Steps	We have contacted a vendor who specializes in this type of failure with a goal of evaluating options and securing consultant services to remedy. Given the time of year, many consultants and contractors are extremely busy. It seems likely that we will get better general response over the winter months - no change as of December

PAVEMENT MANAGEMENT	
Project Description	Will allow DPW to begin work as soon as the pavement plants open in the spring. Anticipate improvements to Old Mill Road, Yorkshire Lane, High Ridge Road, Forge Drive, Northgate, Anvil Drive, Brownstone Drive and Wyngate Road this year (per 10/6/2021 Pavement Management Plan, prepared by the Beta Group).
Project Appropriation	\$1,500,000.00
Appropriation Spent	\$1,349,563.77
Project Manager	Bruce Williams, Director of Public Works
Key Accomplishments & Next Steps	Paving Management work for Spring 2022 - Fall 2022 are completed. This includes Chip Sealing, Crack Sealing, and Mill & Overlay roads and locations.

BUILDING #1 FLOOD PREVENTION	
Project Description	The Avon Room sustained flood damage during Hurricane Ida in August. The Town engaged Fuss & O'Neill to study the brook and the Avon Room and make recommendations to prevent future flooding. The report recommends \$50K in remediation work including a flood resistant door or barrier, removal of silt from the brook itself and the installation/reconstruction of a retaining wall.
Project Appropriation	\$50,000.00
Appropriation Spent	\$8,720.00
Project Manager	Bruce Williams, Director of Public Works
Key Accomplishments & Next Steps	Dredged silt / cleaning of stream bed in Brook behind Buildings 1, 2, and APD. Next step is to repair fallen stone section of wall directly behind Building 1.

SENIOR CENTER HVAC SYSTEM REPLACEMENT	
Project Description	This project will replace the Senior Center's air handlers and condenser units. The system is original to the building and has exceeded its useful life. As of this writing, two of the six units have failed. These units serve the Community Room space which serves as a cooling center in the summer months and a warming center in the winter.
Project Appropriation	\$140,000.00
Appropriation Spent	\$62.09
Project Manager	Bruce Williams, Director of Public Works
Key Accomplishments & Next Steps	Legal Notice run (Hartford Courant). Reviewing proposals to select a vendor to perform work.

AVON HISTORICAL SOCIETY SCHOOLHOUSE NO. 3 IMPROVEMENTS	
Project Description	In 2018, Town staff and the Avon Historical Society worked to develop a multi-year capital improvement plan for the adaptive reuse of Schoolhouse No. 3 located at 8 East Main Street. Schoolhouse No. 3 is the oldest public building in Avon and is listed on the State Register of Historic Places. The Town owns the structure and has entrusted it to the Society via a 99 year lease. The Schoolhouse serves as the Historical Society's official headquarters, archival storage facility and work space. At this time, the Schoolhouse is closed to the public due to a list of required improvements but there is a desire to reopen the building as a museum dedicated to Avon's history, particularly educational exhibits dedicated to the discovery of the Brian D. Jones Paleoindian site that was discovered in Fisher Meadows in 2019. To date we have completed basement upgrades including a new restroom, walls, kitchen, and flooring, and made repairs to the chimney cap and flashing on the roof. Outstanding projects that we aim to complete by 2024 are the removal and replacement of exterior siding, windows and rear exterior door; the replacement of roof on the rear addition; the installation of blown-in insulation inside all exterior walls; the installation of an HVAC system following museum recommendations; the upgrade of interior and exterior electrical and lighting; the installation of a fire alarm and security system; the installation of historically accurate custom front door; and the installation of a new rear door ramp in compliance with ADA. We estimate the total cost for the remaining work to be about \$113,000. There is about \$122,000 available for this project between the FY20 CIP, ARPA funds and donations/grant funds. The Historical Society was also recently informed that it was awarded \$15,000 from Connecticut Natural Gas under the 2022 Neighborhood Assistance Act program, bringing the total funding available to \$137,000.
Project Appropriation	\$50,000.00
Appropriation Spent	\$0.00
Project Manager	Alex Trujillo, Deputy Director of Public Works
Key Accomplishments & Next Steps	Meeting with additional HVAC Contractors and General Contractors (Electrical); attempting to firm up quotes. New and exiting quotes to be reviewed by Alex Trujillo and Teri Wilson.

SYCAMORE HILLS POOL REPAIR	
Project Description	Sycamore Hills Main Pool has cracks in the concrete, the stairs are starting to deteriorate and the returns no longer adjust and need to be replaced. During COVID the pool was heavily used daily. This preventative maintenance could prevent an emergency closing during the season and remove an important recreational asset that members relied on for outdoor activities.
Project Appropriation	\$16,050.00
Appropriation Spent	\$16,000.00
Project Manager	Ruth Checko, Director of Recreation & Parks
Key Accomplishments & Next Steps	The work on the concrete stair in the circle section of the pool has been completed. The crack has been repaired as well. The stairs and crack repair will not be painted until spring. The pool is winterized.

SYCAMORE HILLS PLAYScape	
Project Description	This playscape is almost 30 years old and not ADA accessible. Components have been removed and the remaining ones are deteriorating from the sun. This project would cover removal, and installation of new equipment, surfacing. Total project cost is \$75,000. Balance of \$60,000 to be contributed by State Bond Commission. Project would remove existing playscape components and replace with a modest sized ADA accessible playscape.
Project Appropriation	\$75,000.00
Appropriation Spent	PO issued
Project Manager	Ruth Checko, Director of Recreation & Parks
Key Accomplishments & Next Steps	Most of the old playscape has been removed. The 13 upright posts will remain and reused with the new design. The components have been ordered but will not arrive until spring 2023.

BUCKINGHAM BASEBALL INFIELD RENOVATION	
Project Description	Please recall that there is \$40,000 available for this project in the Fiscal Year 2022 capital budget. Based on increasing costs, we anticipate that additional funding is needed to complete this work. The project as proposed will renovate the infield, including the replacement of the material from the sub-base up to the engineered clay. The grass infield and pitcher's mound will be rebuilt, sodded and laser graded. The baselines lips and hills will be cut-back, laser graded and re-sodded. This will improve drainage and playability. Staff are prepared to complete this work this summer.
Project Appropriation	\$67,000.00
Appropriation Spent	\$67,000 spent
Project Manager	Ruth Checko, Director of Recreation & Parks
Key Accomplishments & Next Steps	Revolutions of the baseball infield took place during the months of late June into July. The field was rested and irrigated during this time and was ready for fall ball by Labor Day.

SYCAMORE HILLS SHADE SHELTERS	
Project Description	This project would add 2 pavilions/shade shelter to the Sycamore Hills Pool area and a third pavilion to the playground area. Additional shade is a frequent request of pool members.
Project Appropriation	\$32,500.00
Appropriation Spent	\$32,519.42
Project Manager	Ruth Checko, Director of Recreation & Parks
Key Accomplishments & Next Steps	The 3 structures were assembled in October. The area around the shade shelters need to be graded and grass seed planted. There is also some finishing concrete work to be done.

TOWN OFFICE 365 IMPLEMENTATION

Project Description	This project is the result of a recommendation from the Town's third-party cybersecurity audit report and our managed services provider, Cooperative Systems. The project will also be viewed positively by cyber insurance carriers when our policy comes up for renewal. The project involves migrating all Town and PD email accounts to a cloud service run by Microsoft. Cooperative Systems would administer the accounts and be responsible for making necessary configuration changes but the server would be outside of the Town's network, maintained and secured by Microsoft.
Project Appropriation	\$38,000.00
Appropriation Spent to Date	\$31,499.98
Project Manager	Glenn Grube, IT Committee Chairperson
Key Accomplishments & Next Steps	Continuing to troubleshoot issues with password resets and distribution lists. Staff training on additional applications and features available in Office 365 will be scheduled in the first quarter of 2023.

TOWN TECHNOLOGY REFRESH

Project Description	Cooperative Systems has proposed a project to update our core technology. The project proposal includes the cost for Cooperative Systems to install and configure two new hosts (physical servers) and a new SAN (storage area network; disk drives where all the Town's data is stored).
Project Appropriation	\$98,100.00
Appropriation Spent	\$97,915.06
Project Manager	Glenn Grube, IT Committee Chairperson
Key Accomplishments & Next Steps	The new switches were racked and we are hoping to cutover to using them during the last week in November. This will result in a short (less than an hour) period of network downtime. This project is now complete and will be removed from future updates.

AHS ROOF TOP UNITS - PHASE II	
Project Description	Continuation of a FY22 project, Phase 1 funded by CIP, Eversource rebates and operating budget. Phase II includes band room, auditorium, locker room.
Project Appropriation	\$320,000.00
Appropriation Spent to Date	\$189,869.00
Project Manager	Myles Altimus, BOE Director of Operations
Key Accomplishments & Next Steps	New units installed by Trane Building Services- AHS Band Room and Auditorium. Locker Room parts on order and will be scheduled for Summer 2024.

AHS VARIABLE AIR VOLUME UNITS	
Project Description	A variable air volume (VAV) box is a part of an HVAC system. The VAV regulates the volume of the air to the room by opening or closing the damper, thus controlling the amount of air directed to the room. The high school's VAVs are 25 years old. The Board of Education would plan to replace all of the building's VAVs over the course of two summers.
Project Appropriation	\$341,000.00
Appropriation Spent to Date	\$0.00
Project Manager	Myles Altimus, BOE Director of Operations
Key Accomplishments & Next Steps	On order by Trane. Installation Summer 2024.

BOE DISTRICT-WIDE LIBRARY CARPET REPLACEMENT	
Project Description	The Board of Education is requesting funding to replace the carpet tiles in the library spaces. These older carpets cannot be cleaned well, resulting in the collection of bacteria and viruses. New carpet technology allows for easier cleaning and disinfecting. The library spaces are where students congregate and sit on the floor, especially in grades PK-6. In the absence of ARPA funding, this project will continue to be a priority of the Board in future capital budgets.
Project Appropriation	\$280,000.00
Appropriation Spent to Date	\$68,013.91
Project Manager	Myles Altimus, BOE Director of Operations
Key Accomplishments & Next Steps	RBS, PGS, and TBS: Installation completed. Will schedule AMS and AHS for Summer 2024.

BICYCLE & PEDESTRIAN MASTER PLAN	
Project Description	In December 2022, the Town Council awarded a contract to SLR International Corporation to develop a town-wide Bicycle & Pedestrian Master Plan. The goals of the plan are to improve mobility, connectivity, recreational opportunities and public health. The plan will also aim to enhance sustainability by encouraging non-motorized or public transportation options. Project deliverables will include a prioritized list of recommendations for new or improved bicycle and pedestrian connections and facilities, along with policy and operational recommendations. The project is anticipated to take about a year to complete. The consultant's scope of work includes a robust public involvement process.
Project Appropriation	\$75,000.00
Appropriation Spent to Date	\$0.00
Project Manager	Hiram Peck, Director of Planning & Community Development
Key Accomplishments & Next	Contract execution in progress.