

BOE IT IMPROVEMENTS	
	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
<b>Project Description</b>	
<b>Project Appropriation</b>	\$236,000.00
<b>Appropriation Spent</b>	\$235,965.39
<b>Project Manager</b>	Elizabeth Ferry, BOE Director of Technology/Tom Kline, BOE Senior Network Administrator
	<p>26 Interactive BenQ Panels</p> <p>The BOE's maintenance department continues to install the panels in classrooms and resource rooms across the district. 26 of the 26 panels have been installed as of 12/23/22.</p> <p>Two mobile BenQ carts were purchased to provide more flexibility with the use and placement of panels purchased with the ARPA funds.</p> <p>Camera Servers</p> <p>- 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.</p> <p>Access Points</p> <p>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 access points were recently installed at Thompson Brook School, which provides coverage to both parking lots and the playground area.</p> <p>Work is underway to complete the cable and outdoor WiFi access point installation at Avon High School, Avon Middle School and Pine Grove Elementary School. Once this installation is complete, then all outdoor access points purchased with ARPA funds will be installed district-wide.</p>
<b>Key Accomplishments &amp; Next Steps</b>	

DEEPWOOD DRIVE/NEW ROAD DRAINAGE	
	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.
<b>Project Description</b>	
<b>Project Appropriation</b>	\$275,000.00
<b>Appropriation Spent</b>	\$0.00
<b>Project Manager</b>	Larry Baril, Town Engineer
<b>Key Accomplishments &amp; Next Steps</b>	Soliciting engineering estimates for purposes of developing a project budget and bid document. We have also reached out to the MDC because we will need to cross a transmission line to access a certain portion of the project.

PAVEMENT MANAGEMENT	
<b>Project Description</b>	Anticipated road improvements to Yorkshire Lane, Surry Lane, Woodford Hills, Juniper Drive, Harris Road, Burnham, Saxon Woods, and Wagon Hill Lane (per 10/6/2021 Pavement Management Plan, prepared by the Beta Group).
<b>Project Appropriation</b>	\$1,500,000.00
<b>Appropriation Spent</b>	\$1,420,951.60
<b>Project Manager</b>	Bruce Williams, Director of Public Works
<b>Key Accomplishments &amp; Next Steps</b>	Woodford Hills has been repaved, curbing work scheduled. Preparation (catch basin work, milling, and paving) for Burnham, Yorkshire Lane, Saxon Woods is scheduled for end of July.

BUILDING #1 FLOOD PREVENTION	
<b>Project Description</b>	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.
<b>Project Appropriation</b>	\$50,000.00
<b>Appropriation Spent</b>	\$8,720.00
<b>Project Manager</b>	Bruce Williams, Director of Public Works
<b>Key Accomplishments &amp; Next Steps</b>	Final step is to repair fallen stone section of wall directly behind Building 1. Request to repair wall was sent to Hiram (P&Z), Emily (P&Z), and Larry (ENG) on 11/14/2022.

SENIOR CENTER HVAC SYSTEM REPLACEMENT	
<b>Project Description</b>	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.
<b>Project Appropriation</b>	\$140,000.00
<b>Appropriation Spent</b>	\$62.09
<b>Project Manager</b>	Bruce Williams, Director of Public Works
<b>Key Accomplishments &amp; Next Steps</b>	Contractor selected from RFP. Eversource reviewing for rebate, project design is currently in progress. Once design and rebates are approved, will make a contract recommendation to Council.

AVON HISTORICAL SOCIETY SCHOOLHOUSE NO. 3 IMPROVEMENTS	
<b>Project Description</b>	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.
<b>Project Appropriation</b>	\$50,000.00
<b>Appropriation Spent</b>	\$0.00
<b>Project Manager</b>	Bruce Williams, Director of Public Works
<b>Key Accomplishments &amp; Next Steps</b>	Purchase Order issued to Pioneer Builders, in full ARPA grant designation amount, for renovation work. Waiting for a schedule. The contractor is on-site and expected to complete the work by October 1, 2023. The HVAC is scheduled to begin the last week of July.

SYCAMORE HILLS RECREATION AREA	
<b>Project Description</b>	This project will include improvements made to the Sycamore Hills pools and building, and facilities. Floors in both buildings will be painted. Lifeguard chairs will be replaced. Bathroom fixtures will be upgraded.
<b>Project Appropriation</b>	\$83,950.00
<b>Appropriation Spent</b>	\$0.00
<b>Project Manager</b>	Ruth Checko, Director of Recreation & Parks
<b>Key Accomplishments &amp; Next Steps</b>	The expansion joint around the main pool was re-caulked before the pool opened.

**TOWN-WIDE FIBER NETWORK EXPANSION**

<b>Project Description</b>	The project will link approximately 20 Town and Board of Education facilities via fiber optic network. The project will benefit residents and Town and Board of Education staff by providing a broadband connection that can reach virtually unlimited speeds with low lag time. The project will provide more resilient, reliable and secure connections for Town operations. The Town anticipates that the project will result in significant annual operating savings as it will allow for the sharing and consolidation of technological resources across facilities. An initial \$25,000 has been appropriated to fund the submission of a pole attachment application. The Town has been awarded \$700,000 in state Urban Act Grant Funding to complete the installation of the fiber network and we anticipate that Town ARPA funding will cover the balance.
<b>Project Appropriation</b>	\$25,000.00
<b>Appropriation Spent to Date</b>	\$0.00
<b>Project Manager</b>	Glenn Grube, IT Committee Chairperson
<b>Key Accomplishments &amp; Next Steps</b>	As of this writing, we have received confirmation that the State will allow the use of the CRCOG cooperative contract to procure the labor and materials for this project and we are working with representatives from the company to finalize their quote to design and buildout the project. We are also working with our IT consultants to update a quote for the equipment that they will need to supply to make the fiber function once it comes into the Town's facilities. We would anticipate bringing a request for a supplemental appropriation to the Town Council and the Board of Finance in September to authorize the use of the state grant funding as well as the Town ARPA funds that will be needed to complete this project.

AHS ROOF TOP UNITS - PHASE II	
<b>Project Description</b>	Continuation of a FY22 project, Phase 1 funded by CIP, Eversource rebates and operating budget. Phase II includes band room, auditorium, locker room.
<b>Project Appropriation</b>	\$320,000.00
<b>Appropriation Spent to Date</b>	\$191,981.00
<b>Project Manager</b>	Myles Altimus, BOE Director of Operations
<b>Key Accomplishments &amp; Next Steps</b>	New units installed by Trane Building Services- AHS Band Room and Auditorium. W Locker Room Project scheduled to start end of June. Trane has the equipment on hand.

AHS VARIABLE AIR VOLUME UNITS	
<b>Project Description</b>	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.
<b>Project Appropriation</b>	\$341,000.00
<b>Appropriation Spent to Date</b>	\$0.00
<b>Project Manager</b>	Myles Altimus, BOE Director of Operations
<b>Key Accomplishments &amp; Next Steps</b>	Phase I is in process

BOE DISTRICT-WIDE LIBRARY CARPET REPLACEMENT	
<b>Project Description</b>	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.
<b>Project Appropriation</b>	\$280,000.00
<b>Appropriation Spent to Date</b>	\$87,447.51
<b>Project Manager</b>	Myles Altimus, BOE Director of Operations
<b>Key Accomplishments &amp; Next Steps</b>	RBS, PGS, and TBS: Main Library Floor completed Summer 2022. Scheduling with contractor for AMS Main Floor and RBS, TBS, and PGS library classrooms/offices and associated spaces complete. Main floor AHS library in process.

BICYCLE & PEDESTRIAN MASTER PLAN	
<b>Project Description</b>	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.
<b>Project Appropriation</b>	\$75,000.00
<b>Appropriation Spent to Date</b>	\$0.00
<b>Project Manager</b>	Hiram Peck, Director of Planning & Community Development
<b>Key Accomplishments &amp; Next Steps</b>	The second public meeting was held on June 20. Attendees were presented with preliminary recommendations. We are planning a third public meeting for September 19th to present the draft final recommendations to the public for feedback before the final plan is presented to council in October.

ZONING REGULATIONS UPDATES	
<b>Project Description</b>	The Town's Zoning Regulations were originally adopted on October 21, 1957 and have not been holistically reviewed or revised since that time. Sections of the Regulations have been modified over the years, most recently in 2021. These periodic, segmented revisions have resulted in a number of inconsistencies and contradictions throughout the document. The existing regulations also contain a number of outdated zoning concepts that are no longer relevant to modern municipal planning. The Town has engaged a consultant to perform a comprehensive review, update and reformatting of the Town's Zoning Regulations.
<b>Project Appropriation</b>	\$ 45,000 (plus \$50,000 in FY23 capital budget)
<b>Appropriation Spent to Date</b>	\$0.00
<b>Project Manager</b>	Hiram Peck, Director of Planning & Community Development
<b>Key Accomplishments &amp; Next Steps</b>	The Commission has met with the consultant several times to date. The consultant has completed a baseline review of the existing regs and presented his findings to the Commission members. Next step starting this week is to begin detailed outline of proposed revisions and set the new table of contents. This important step will establish the structure of the entire document going forward. In addition, any required revisions by new law or updated planning practice will be set out on short memos to the Commission so that everyone, including the public is aware of changes going forward. Finally, plans for future Commission meetings and sessions with the public are also being scheduled at this time. The entire process is now on the Town website for everyone to follow on a new StoryMap. This was posted on 7/19/23.

DIGITAL MOBILE RADIO SYSTEM FOR BOE	
<b>Project Description</b>	Purchase and installation of a digital mobile radio system for the Avon public schools.
<b>Project Appropriation</b>	\$100,000.00
<b>Appropriation Spent to Date</b>	\$0.00
<b>Project Manager</b>	Paul Melanson, Chief of Police
<b>Key Accomplishments &amp; Next Steps</b>	Project appropriation approved during month of June. PO issued.