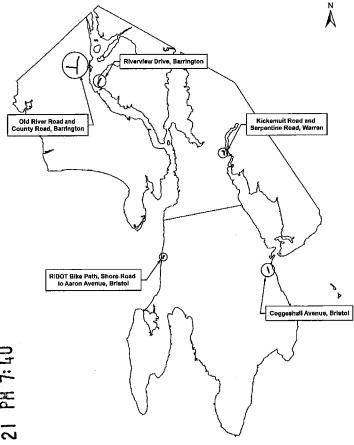
To: Town of Bristol, Warren, and Barrington: DPW Superintendent, Fire Chief, Police Chief, Town Manager/Administrator

FROM: Susan Rabideau, PE, BCWA Engineering Project Manager

DATE: April 21, 2022

Re: Proposed water main rehabilitation scheduled for summer 2022

During the 2022 construction season, BCWA will be completing several projects that will result in significant improvements to our distribution system. The work will take place at five work sites throughout Bristol County, with a total cost of approximately \$2,300,000. We have hired Boyle & Fogarty Construction Company to complete the work. They may be contacting you regarding road opening permits, police details, etc. We anticipate the work will begin in May and be completed this summer. The map below shows all work sites. I will attach the Construction Plans for the sites in the individual towns, as appropriate.



The work sites include:

Bristol: We will replace a cast iron water main on Coggeshall This main Avenue. has experienced several breaks recently. Since considerable road restoration would be required to restore the break locations, BCWA decided to replace the water main first, eliminate potential additional problems in the area.

We will also be installing a new water main in the East Bay Bike Path right-of-way, near Aaron Avenue. This will connect two "dead ends" in our system and improve flow in this extremity of our system. We are working with the State to obtain the necessary permits for the work, though there will be some work in the cul-desac at the bottom of Aaron Avenue, along with a new fire hydrant.

27 APR 21 PM 7:1

MAY 1 1 2022

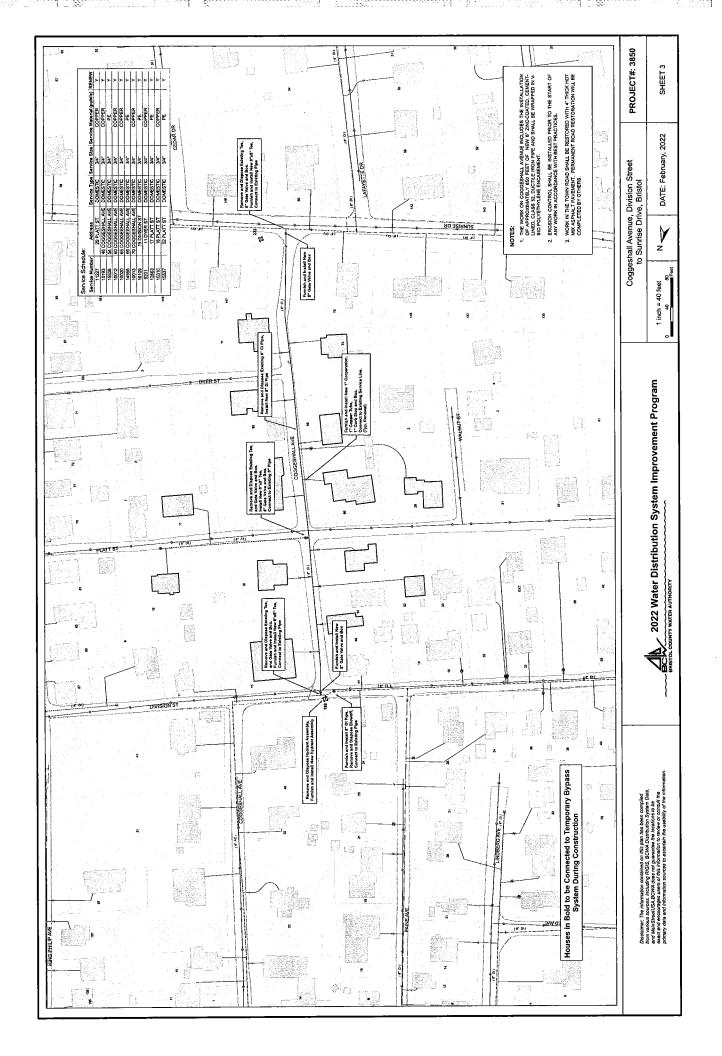
MEETING

- 2. Warren: We will similarly connect two "dead ends" to improve water quality and fire flow. We will connect the existing water main in Kickemuit Road to Serpentine Road. The work includes a new fire hydrant at the intersection of the two roads.
- 3. Barrington: We recently discovered that the water main in Riverview Drive has been severely compromised due to corrosion. We will replace the entire water main with a new ductile iron pipe and install a new hydrant at the end of the street. As with all new pipe installations, the new main will be zinc coated and wrapped in polyethylene encasement, to protect it from external corrosion.

RIDOT intends to repave the entire Wampanoag Trail through Barrington this summer. We knew that our cement mains in the area of County Road are over 70 years old and have reduced structural integrity. The RIDOT project would likely cause further breaks. Due to the traffic concerns in replacing water mains in the state roadway, we opted to rehabilitate these mains with a "cured in place pipe" (CIPP) structural liner. This will allow the contractor to restore the structural integrity of the water mains using access pits spaced approximately 500 feet apart, rather than full trench excavation.

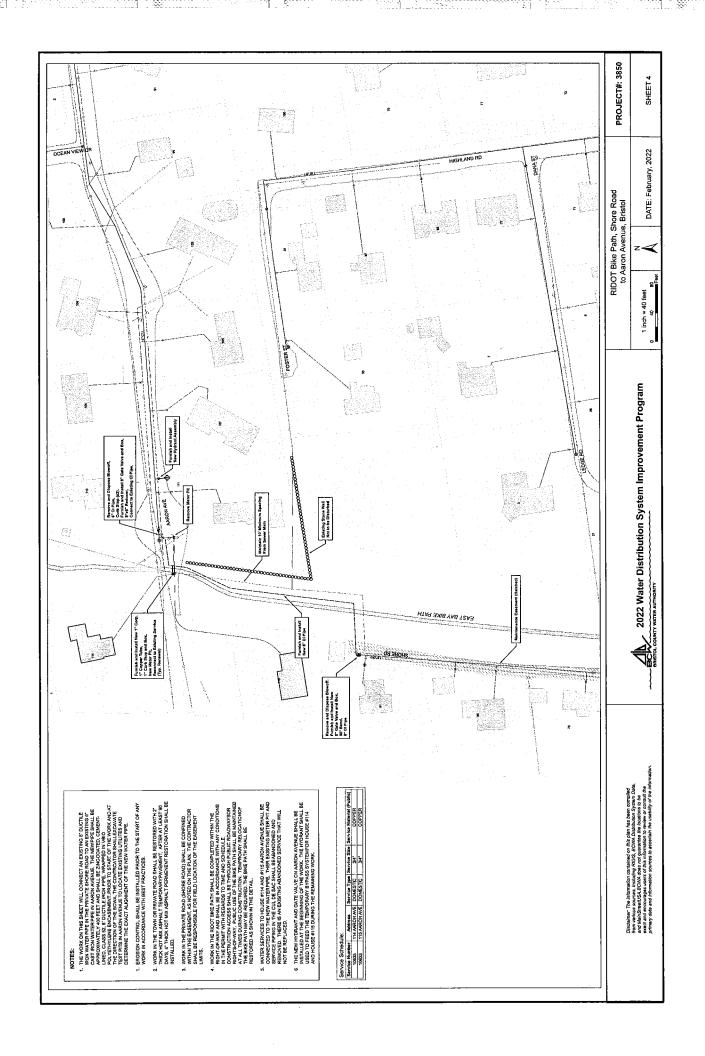
We anticipate that the work will begin in Barrington in the coming weeks. Coordination with the Wampanoag Trail repaying project has forced us to prioritize this work. The Contractor will begin installation of a temporary bypass system in the coming weeks. The attached flier was mailed to area residents.

When a more detailed work schedule is available for all work sites, I will forward that to you. BCWA will require our contractors to secure and maintain all work areas throughout the project. In general, work hours will be 7:00am – 3:30pm, Monday through Friday. There will be no work weekends or holidays. Police officers will be used daily to maintain traffic in the construction work zone. Customers will be notified 48 hours in advance of any scheduled temporary water shutdowns that may be required as part of these projects. Should you have any questions or concerns, please feel free to contact me at 245-2022, ext. 38.



NOTES:

- POLYETHYLENE ENCASEMENT. PRIOR TO START OF THE WORK AND AT CAST IRON WATER PIPE IN AARON AVENUE. THE NEWPIPE SHALL BE THE DIRECTION OF THE BCWA, THE CONTRCATOR SHALLEXCAVATE 1. THE WORK ON THIS SHEET WILL CONNECT AN EXISTING 8" DUCTILE IRON WATER PIPE IN THE PRIVATE SHORE ROAD TO AN EXISTING 6" APPROXIMATELY 400 FEET AND SHALL BE ZINGCOATED, CEMENT-**TEST PITS IN AARON AVENUE TO LOCATE EXISTING UTILITES AND** DETERMINE THE EXACT ALIGNMENT OF THE NEW WATER PIPE. LINED, CLASS 52, 8" DUCTILE IRON PIPE, WRAPPED IN VBIO
- EROSION CONTROL SHALL BE INSTALLED PRIOR TO THE START OF ANY WORK IN ACCORDANCE WITH BEST PRACTICES.
- DAYS, 4" THICK HOT MIX ASPHALT PERMENENT RESTORATION SHALL BE THICK HOT MIX ASPHALT TEMPORARY PAVEMENT. AFTER AT LEAST 90 WORK IN THE TOWN OR PRIVATE ROAD SHALL BE RESTORED WITH 2" NSTALLED. ς.
- WITHIN THE EASEMENT, AS NOTED ON THE PLAN. THE CONTRACTOR WORK IN THE PRIVATE ROAD (SHORE ROAD) SHALL BE CONFINED SHALL BE RESPONSIBLE FOR FIELD LOCATION OF THE EASEMENT က
- RIGHTS-OF-WAY. PUBLIC USE OF THE BIKE PATH SHALL BE MAINTAINED RIGHT-OF-WAY AND SHALL BE IN ACCORDANCE WITH ANY CONDITIONS AT ALL TIMES DURING CONSTRUCTION. TEMPROARY RELOCATIONOF CONSTRUCTION ACCESS SHALL BE THROUGH PUBLIC ROADWAYSOR WORK IN THE RIDOT BIKE PATH SHALL BE COMPLETED WITHIN THE THE BIKE PATH MAY BE REQUIRED. THE BIKE PATH SHALL BE IN THE PERMIT WITH REGARDS TO TIME AND SCHEDULE. 4.



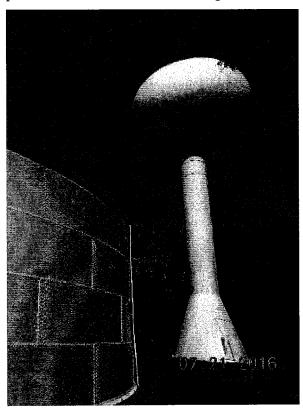
WATER SYSTEM IMPROVEMENTS

High Service Area Expansion

BRISTOL COUNTY WATER AUTHORITY

In 2022, Bristol County Water Authority (BCWA) will complete several projects in Bristol that will result in significant improvements to our distribution system.

In the Town of Bristol, BCWA maintains two separate pressure zones. The elevated tank off Metacom Avenue creates a "high service area" and increases the pressure for customers at higher ground elevations. The planned improvements, which include three separate projects, will transfer an additional one thousand customers to the high service area. This expansion will increase both pressure and fire flow in these neighborhoods. The total cost of these projects is over \$5,000,000.



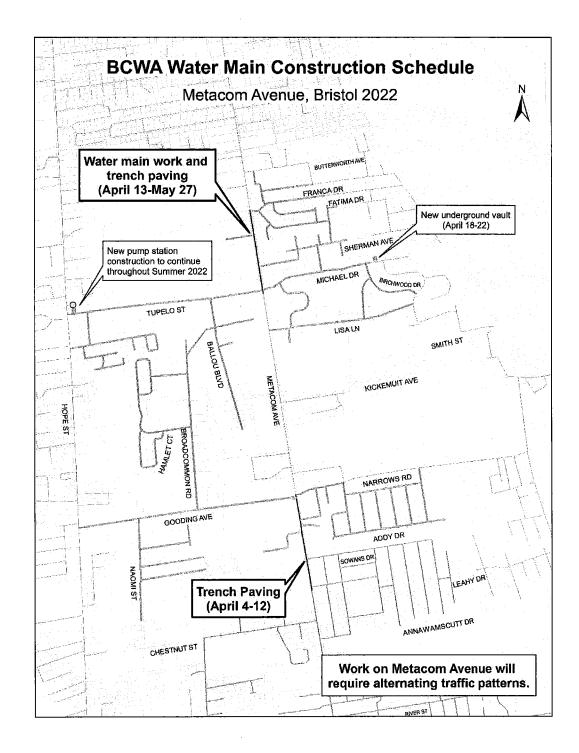
The projects include:

- New 12" water mains in Metacom Avenue, from Robin Drive to Gooding Ave and from Tupelo Street to Fatima Drive. This project is ongoing and is being done by D'Ambra Construction Company.
- A pressure regulating valve will be installed in an underground vault on Michael Drive in the coming weeks. The vault will be installed in the grass shoulder on the north side of the road, across from Betsy Drive. Where pavement is disturbed in Michael Drive, the area will be repaved, curb to curb. This work is part of the D'Ambra project.
- A new pump station is being constructed adjacent to the Hope Street storage tank. The pump station project has been awarded to R.P. Iannuccillo & Sons Construction and is ongoing.

The map on the back of this flier shows (in yellow) the streets that will be transferred to the high service area. The transfer will be made after the completion of all three projects, anticipated to be in Fall 2022.

BCWA will require our contractors to secure and maintain all work areas throughout the project. All areas will be restored to original conditions. In general, work hours will be 7:00am – 3:30pm, Monday through Friday. There will be no work weekends or holidays. Police officers will be used daily to maintain traffic in the construction work zone. Customers will be notified 48 hours in advance of any scheduled temporary water shutdowns that may be required as part of these projects.

(More information on back \rightarrow)



TEMPORARY INCONVENIENCE, PERMANENT IMPROVEMENTS

You may experience noise, dust, traffic detours and temporary pavement as we work to improve our water system. We apologize in advance for these inconveniences and thank you for your patience and cooperation. Please keep in mind that these temporary conditions allow us to make permanent improvements to our system. Should you have any questions or concerns, please call our office at 401-245-2022 between 8:30 AM and 4:00 PM, Monday through Friday.

BRISTOL COUNTY WATER AUTHORITY