HVAC IMPROVEMENTS AND CHILLER REPLACEMENT PROJECTS
EAST HADDAM ELEMENTARY SCHOOL AND NATHAN HALE-RAY HIGH SCHOOL

The HVAC improvements and chiller replacement projects entail the following areas: 1) school-wide repair, replacement and upgrade of the HVAC system for the entire East Haddam Elementary School and 2) the replacement of the air-cooling chiller at the Nathan Hale-Ray High School. Below are key components of each project:

East Haddam Elementary School:

1. Replace the existing building management systems (BMS) with a computer/electric BMS that uses non-proprietary (a.k.a., open source) controls and software to enhance indoor air quality by providing automatic operations that utilize outside air in its operations, provide flexibility/reliability of systems, and assist in managing operating costs.

2. Replace existing unit ventilators, with Dedicated Outdoor Air Systems (DOAS), providing 100% outdoor air to spaces and energy efficient heating/cooling to the school spaces, while minimizing the carbon footprint and dependency on fuel-oil fired boilers.

Nathan Hale-Ray High School:

1. In-kind replacement of the existing air-cooled chiller. Replacement of the chiller will provide the ability of the HVAC system to provide de-humidification, provide indoor air quality, thermal comfort, and the ability for the school district to continue providing community use of the building through the cooling season.

The Town has applied to the Connecticut Department of Administrative Services for grant funding for such projects under the HVAC Indoor Air Quality Grant Program. The estimated net cost to the Town for the projects will be approximately $4,150,000, less any awarded grants, and such net cost shall be financed with the issuance of general obligation bonds and/or notes of the Town.

The Town will hold a Special Town Meeting at 8:00 pm on Wednesday, January 17, 2024, at the Nathan Hale-Ray High School Auditorium, 15 School Road, Moodus, Connecticut. The referendum vote is scheduled for Tuesday, January 30, 2024, at the Municipal Office Complex, 1 Plains Road, Moodus, Connecticut from 6:00 am – 8:00 pm.

A copy of the appropriation and bond resolution to be voted on at referendum is available on the Town's website at www.easthaddam.org