

# Brunswick School Department CIP PROPOSAL

# BRUNSWICK HIGH SCHOOL WINDOW REPLACEMENT

Replace roughly 100 windows on the first floor of the High School. The replacement windows will be much more energy efficient and will require much less maintenance.

Estimated Cost \$465,000

Work to be completed summer of 2026 or 2027

# GENERAL CONDITION OF THE CURRENT WINDOWS



- Windows are 31 years old from the original construction and in very poor condition
- A significant number do not open or close properly
- Replacement parts are not available
- Many sills & casings show signs of rotting.
- Old windows affect the efficiency of our building

# BENEFITS OF REPLACING THE WINDOWS

- Functionally Open & Close
  - Egress for emergencies, getting out easily
  - Enhance security by locking, (locks automatically when closed, not separately in the middle)
- Improve Energy Efficiency
- Repairability, parts are available



some windows that have been replaced already

# ADDITIONAL CIP PROPOSAL

- Harriet Beecher Stowe Water Source Heat Pumps

# HARRIET BEECHER STOWE WATER SOURCE HEAT PUMP REPLACEMENT

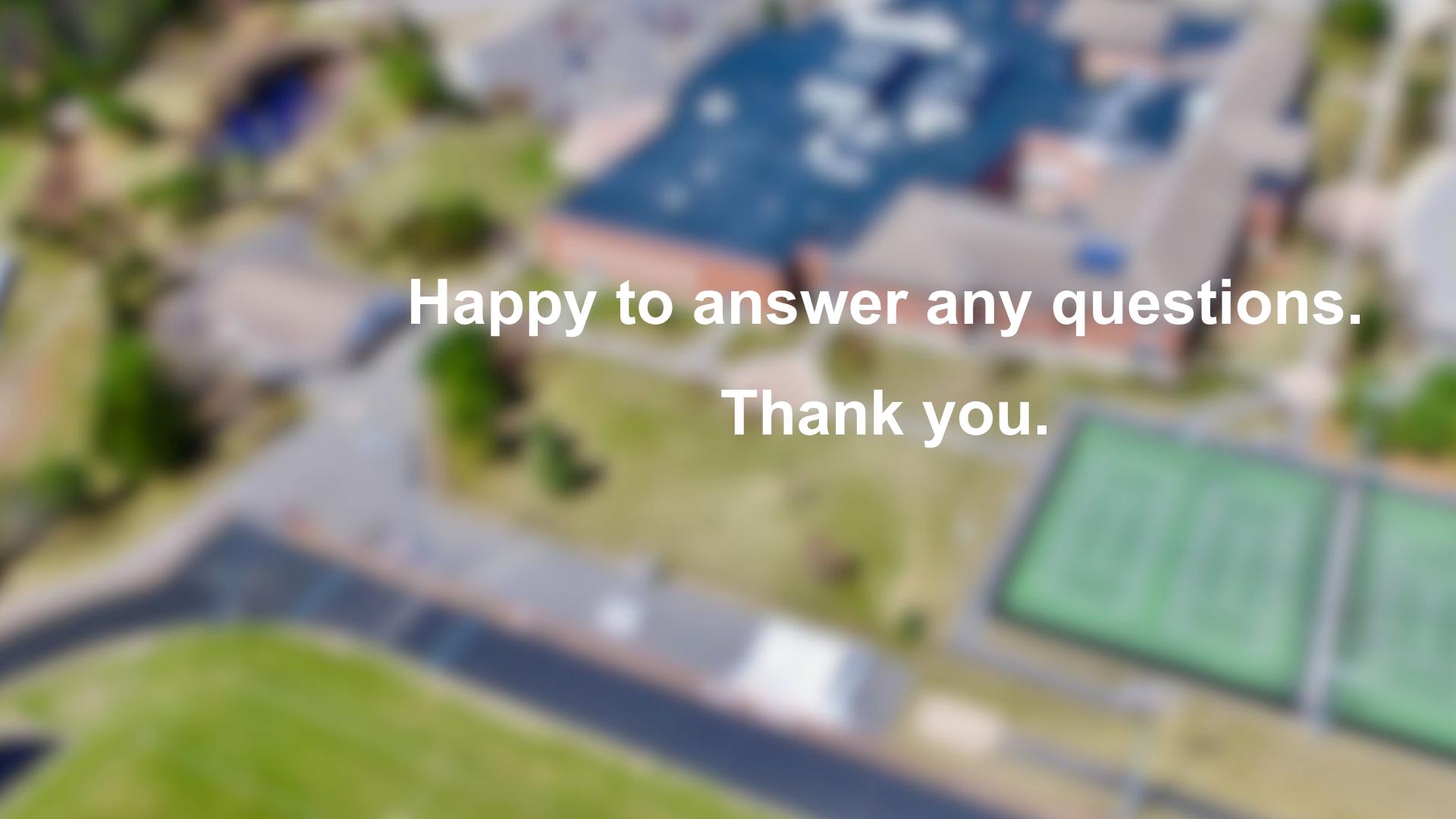
Replace 2 of the 4 water source heat pumps. The current heat pumps have reached the end of their expected lifespan.

Estimated cost is \$205,000

Work to be completed in the summer of 2026

# WHAT FUNCTION DOES THE HEAT PUMP SERVE?

- Harriet Beecher Stowe School has a geothermal heating and cooling system.
- The water source heat pumps play a critical role in maintaining a comfortable building temperature.
- In cold weather, the units extract heat from the groundwater to heat the building. In warm weather, the units extract cold from the groundwater to cool the building.
- Each heat pump provides heating and cooling for common space sections of the building: Gym, cafeteria, hallways, library, bathrooms, main lobby and office, etc.



Happy to answer any questions.  
Thank you.