



Education Committee - Board of Representatives

Megan Cottrell, Chair

Marc Aquila, Vice Chair

Committee Report

Date: Wednesday, May 19, 2021
Time: 6:00pm
Place: Meeting was held remotely

The Education Committee met as indicated above. In attendance was Chair Cottrell, Vice Chair Aquila, and Committee Member Reps. de la Cruz, Di Costanzo, and Sandford. Absent were Reps. Graziosi and Stella. Also in attendance was Mayor David Martin; Dr. Tamu Lucero, BOE Superintendent; Lou Casolo, Engineering Dept.; and two members of the public.

Chair Cottrell called the meeting to order at 6:01pm

Item No.	Description	Committee Action
1. E30.064	REVIEW; Update on Westover/DOAS (Dedicated Outdoor Air Systems) Project. 05/07/21 – Submitted by Mayor Martin	Report Made

Mr. Casolo and Mayor Martin reviewed the [attached](#) DOAS presentation in detail and there was discussion.

- DOAS was not discussed when Westover was originally being redesigned.
- Fresh air needs to get into the classrooms while at the same time the air needs to be dehumidified. DOAS can accomplish this, whereas with central air conditioning humidity can still be a risk.
- With DOAS the air will be treated *before* it enters the building. Cool treated air will be brought into the building in summer, and warm treated air will be brought into building in winter.
- When it is cool yet humid outside, the chiller does not switch on to treat the air, and this can be problematic. This happens often during the change of seasons. At Westover, the chiller will be manually activated on those days.
- Stamford school buildings now have a Building Management System (BMS). There are automated controls and sensors which can be monitored on a computer from anywhere. Staff in the building can no longer change a thermostat as in the past. The chiller is interfaced with the BMS.
- The BOE now has internal facilities management and is in control of the maintenance of its buildings. The school buildings are monitored daily, both visually and on the computer.
- It is important to have people watching both the Capital side and Operations side.
- Hart has similar issues that Westover had, but these issues remain under control now before the problems can become too big as with Westover.

- The chiller is bigger than it needs to be so it turns on/off frequently. It is not being replaced right now because 1) it has useful life left on it and 2) the schedule to do this project is tight.
- The chiller has been turned on. It will remain on through June 15th then turned off during the summer. There are two portable dehumidifiers in each classroom and these will remain on while the work is being done.
- It is hopeful that the project will be completed by September 1st, 2021. Work needs to begin as soon as possible for this expected completion date.
- The project will cost between \$2.5 million and \$3.6 million. It is unlikely it will exceed \$3.6 million.
- David Patnaude is the BOE Capital Projects Facilities Director. He has previously worked with schools that have DOAS.
- This system will not necessarily be implemented in Hart. When considering a capital project, it needs to be decided if a school is worth it. A 20 year system should not be put into a school that does not have a 20 year life left. These decisions are part of the long term planning to see what will work best in each school.

Chair Cottrell noted that it seems we are now getting the right people with the right knowledge to properly maintain current and future systems in the schools.

Chair Cottrell adjourned the meeting at 7:14pm

Respectfully submitted,
Megan Cottrell, Chair

This meeting is on [video](#).