

Regional School District 14 Facilities/Transportation Committee Meeting Minutes
November 14, 2011

A Meeting of the Regional School District 14 Facilities/Transportation Committee was held on Monday, November 14, 2011 at 7:55 p.m. in the Central Office Conference Room, 5 Minortown Road, Woodbury, Connecticut.

Present: Committee Chair George Bauer, Committee and Board members Gary Suslavich, John Chapman, John Swendsen, Sophieazane Bartlett, Maryanne VanAken, Superintendent Jody Goeler, Director of Finance and Operations Jim Reese and Manager of Buildings and Grounds Mike Molzon, ESC Project Manager Mike Amedeo and Maryanne Kaminski

Members of the community present: Mr. and Mrs. Haggard, Mr. and Mrs. Snabaitis, Mrs. Ponte, Mrs. Hawley

The following agenda items were discussed.

1. Energy Education Update.
 - a. Mike Amedeo, ESC Project Manager, Mike Molzon and Maryanne Kaminski presented the Nonnewaug High School HVAC blower motors and exterior lighting upgrade that would provide energy efficiency and savings. The existing air handler unit motors are 15 years old and would be replaced with Variable Frequency Drives (VFD). The VFD will monitor carbon dioxide levels regulating the speeds of the motors. When lower levels of carbon dioxide are present the VFD will slow down the motor speeds opposed to now when the motors stay at the same speed. This energy saving feature will be valuable when classrooms or work areas are unoccupied. New actuators and dampers will be installed replacing the existing dampers that do not seal completely. The existing dampers do not close completely which let warm conditioned air out of the building and allow cold outside air in the building resulting in energy loss. The proposed project will connect with Andover our present Energy Management System. The connection to Andover will allow us to control the schedules of the Academic Center. This schedule control will allow the motors to be on when the building is occupied and off when the building is unoccupied. Our goal is for the comfort and safety of the staff and students when the building is occupied. The most significant dollars are saved by turning off motors when the building is unoccupied. Not only will the electrical usage be decreased with the Academic Center on the Andover schedule but it will also decrease the demand charges that we incur during the period from 12 noon through 8pm daily. The project will also provide us the opportunity to setback our night temperatures to 55 degrees while currently there is no setback and space temperatures remain at 68 degrees. The exterior lighting upgrade will include the installation of 60 fixtures with induction lighting and eliminating lighting pollution. The lighting fixtures that are being replaced will be saved and reused for future exterior lighting projects. The new fixtures will provide a 50% reduction in wattage used and are under warranty for a period of 5 years. The ESC project proposal including the Energy Efficiency Fund data and zero percent financing for a period of three years was distributed for review. The project proposal will be reviewed by the Board of Education on Monday, November 21, 2011.
2. Yankee Gas
 - a. This topic of potential energy savings continues to be investigated. Melissa Fuller from Yankee Gas has been in contact and is working on determining up-to-date savings information for the region. Facilities must address the costs of upgrading burners and

infrastructure to weigh in on the savings. Suggested scope would be all Woodbury schools. Other green energy sources were discussed.

3. Update on Transportation. (Two topics below were added to the agenda by approval of the committee)
 - a. Bus stop safety concern regarding Quanopaug Trail. Two members of the committee went on a bus ride evaluation of the Quanopaug Trail and other roads in Woodbury. Mr. Swendsen and Mr. Bauer rode a 70 passenger bus on the road with Mr. Reese and others from the bus company, the town of Woodbury public works director David Monckton, and parents. There are concerns about the safety of the current bus stop at the intersection of Quanopaug Trail and Route 6. There is also concerns with the safety of a full size bus traveling north on Quanopaug Trail as it enters the dirt road portion. The committee is reviewing the bus route and applicable bus sizes with the business director and bus company to identify potential solutions. Information requested by the committee from Mr. Reese includes number of students on the bus run, capacity of available busses, length of time for additional route, and town of Woodbury concurrence on improvement and winter snow removal.
 - b. Girls Scout transportation after school between BES and MES. Currently the Education Connection bus appears to not have the capacity to guarantee the transportation on any given day. Mr. Reese will look into other options such as the day care bus currently being used.
4. Summary on storm emergency preparedness.
 - a. A discussion was held to consider the priorities and improvements for the region to endure emergency conditions. Improved communications, computer backup, and generator systems were discussed.
5. Transportation concerns around Nonnewaug drop-off and pickup route safety.
 - a. Mr. Goeler will address the high school staff regarding morning drop off traffic flow safety concerns.

The meeting was adjourned approximately at 9:30 pm.

Respectfully Submitted,

George Bauer

Facilities/Transportation Committee Chair
Region 14 Board of Education