

## Facilities Committee Update February 2014

February's regularly scheduled meeting was canceled.

Committee Members: – J. Lindsay, C. Gunkle, B. Merkle, Christman, J. Melber,  
T. Bergey, S. Knoll

### UPDATE:

#### Act 129 Energy and Chiller Projects

The Middle School boiler is installed and running. A large boiler was taken off line to conserve energy. The new boiler will support the entire building's heat when temperatures are in the 20s or warmer. The picture shows the new blue boiler with the existing boilers in the background.



The Middle School chillers were delivered and set on January 20<sup>th</sup>. All went smoothly. Connection of the units will take place when some snow melts. The photo on the left shows the old chillers and new on the right.



Lighting Retrofit began February 18, 2014  
Control work kickoff was held February 11<sup>th</sup>. Programming has begun.  
Transformer installation is pending

Note: A Liberty Bell water heater unrelated to this contract began to leak. Both water heaters at Liberty Bell should be replaced. CM3 was asked to review options. Installation as part of this project may be considered.

**Lower Milford Roof Project**

The Lower Milford Roof bid has been postponed. The inspection was to occur on February 4<sup>th</sup> but snow did not allow. The revised date was February 18<sup>th</sup> but again had to be postponed. The opening will not occur on February 21<sup>st</sup> as planned. All changes are being addressed through the addendum process.

**Liberty Bell Paving Project**

Engineering for the bus circle has been placed on hold pending better weather.

**Snow!!!**

The district is maintaining fairly well considering the amount of snow, constant traffic, reserved spaces and requirements unique to schools. The grounds and building staff have been doing an exceptional job keeping all clear with minimal overtime.

2014-Feb-16 11:55:10.730 AM

Sunday, February 16<sup>th</sup> Semmel  
Excavating assisted with snow removal utilizing a large front end loader to open areas for traffic and future snow removal.



Cracks were found in the Middle School drywall as a result of roof deflection caused by snow load. Some deflection is acceptable but Barry Isett was contacted engineering review. The trusses are deflecting by about 1/2". Engineering standards accept deflection up to 1 1/2" for this length truss. Roofs are designed to support 20 pounds per square foot average with heavier loads due to drifting. Removal is recommended when weight exceeds 30 to 35 pounds per square foot. Our average is 16 to 19 pounds. **Isett indicated our roofs are safe but continued monitoring is recommended.** The photo on the left shows one of 10+ drywall cracks. The cracks are a design issue resulting from a rigid material being attached to a structure designed to flex. The second photo shows the Isett Engineer testing the roof.



**The Next Facilities Committee Meeting is scheduled for Wednesday  
March 19, 2014 at 4:00 PM**