

Olentangy Facilities Committee Meeting
June 4, 2014 @ 6:00 p.m.
Olentangy Administrative Offices

In attendance for the Facilities Committee were:

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| <input checked="" type="checkbox"/> Au, Ralph | <input checked="" type="checkbox"/> Lorenz, Brian |
| <input type="checkbox"/> Bull, Eric | <input checked="" type="checkbox"/> Lowry, Alyssa |
| <input type="checkbox"/> Bryant, Angie | <input checked="" type="checkbox"/> Oliver, Gene |
| <input type="checkbox"/> Cailteux, Andy | <input checked="" type="checkbox"/> Schroeder, Mark |
| <input type="checkbox"/> Fuller, Robert | <input type="checkbox"/> Schuette, John |
| <input type="checkbox"/> Hart, Bob | <input type="checkbox"/> Sebach, Gary |
| <input checked="" type="checkbox"/> Jurawitz, Sharon | <input checked="" type="checkbox"/> Seils, Rich |
| | <input checked="" type="checkbox"/> Thomas, Ron |

Also in attendance were Stacy Dunbar (BOE), Kristin Proper (OLSD Business Office) Jeff Gordon (OLSD Business Office), and Michelle Murphy (OLSD Business Office).

Ralph Au called the meeting to order and asked for a motion to approve the agenda and the minutes.

Ron Thomas moved and Rich Seils seconded the motion to approve the agenda. Motion carried.

Rich Seils moved and Alyssa Lowry seconded the motion to approve the minutes of the April 8, 2014 meeting. Motion carried.

Energy Conservation Initiative

Kristin (Kris) Proper from the OLSD Business Office attended the meeting and provided a presentation to the members regarding the district's energy conservation efforts. A copy of her presentation is available from the Business Office upon request. Kris has been coordinating the district's energy conservation efforts as interim energy conservation specialist since September of 2013. She recently presented her findings and the program's success to date to the Board of Education at the May 2014 BOE meeting. Jeff Gordon advised members that the district is proceeding with an effort to make the energy conservation position a permanent one for the district.

At the start of her presentation, Mrs. Proper shared with members that the need for the energy conservation program was brought on by several factors. Factors included a noticeable trend in rising utility costs for the district, an August 2013 audit, and advice from consulting companies to the district regarding potential savings opportunities relevant to energy consumption. Due to fees associated with the energy consulting companies, the Development Committee had previously made the recommendation to bring an energy conservation program "in-house" if it were to be pursued by the district.

As a result, in September of 2013 OLSD made the determination to proceed with an in-house energy conservation program. The start of the program was a "discovery process." During this time, processes for the energy program were identified and developed. An energy auditing

process was created to evaluate the district as a whole, each of the buildings, and each of the departments. This audit process includes “night audits” of the district’s facilities to best identify how night operations impact the district’s total energy costs.

Training regarding energy conservation methods was provided to the custodial and maintenance staffs and information was distributed to the district’s teaching and office staffs, encouraging energy saving practices and behaviors at all levels of OLSD sites.

Comparing energy usage at buildings with similar or “like” floor plans has proven to be an effective technique in determining a baseline for the district’s energy usage and for monitoring the energy consumption of buildings. Once an inconsistency is identified, adjustments can then be made to the sites experiencing higher than what is considered normal utility usage.

Enernoc meters allow the district to monitor the electrical usage at middle and high school sites and now prove to be a key tool in reducing the district’s overall electrical consumption.

Frequent monitoring and adjustments to the district’s HVAC systems has also produced a substantial reduction in the district’s energy use and costs. Mrs. Proper extended many thanks to Facilities Committee member Ron Thomas and his company for their guidance relevant to the district’s HVAC equipment. Ron and his staff have donated countless hours to the district to assist with creating a solid understanding of the district’s HVAC equipment and providing a good foundation for the district’s energy conservation initiative.

Moving forward with the program, Mrs. Proper would like to implement monitoring devices for Suburban Natural Gas and Del-Co Water services. At this time, Suburban Natural Gas does not offer metering devices for their gas services with the ability to be monitored by the district. OLSD is hopeful that at some point in the future that they will offer monitoring devices for their services. OLSD is currently in the process of working to obtain monitoring devices for Del-co water services. Mrs. Proper was optimistic that these would be available for use soon.

To date, all district schools appear to have reduced their average energy consumption. The average electric bill for Orange High school now runs approximately \$4500.00 less per month, which is now in line with Liberty High School (which is a similar floor plan). Overall, utility savings from September of 2013 through February of 2014 are as follows:

Electric-	\$ 109,798
Water-	\$ 3,136 (Orange Middle School only)
Gas Actual-	\$ 13,753
Gas (Normalized for Weather)	\$ 32,266

Due to its severity, the winter of 2013-2014 was very expensive in regards to utility costs. Savings for March of 2014 and beyond are not yet available due to the varied billing cycles from the utility providers. However, savings are predicted to be substantial for the year. To date, the district has been able to decrease its after-hours energy use, reduce gas costs by operating only one hot water tank (of two) at district buildings, take advantage of AEP incentive funding, obtain additional recycling bins, create a district energy conservation team, and successfully monitor Columbia Gas use ,as well as, electricity use at all district sites. Additionally, at this time 17 of the 23 OLSD buildings are now eligible for an Energy Star certified rating.

Currently, the energy program is still in the development phase. Going forward, Mrs. Proper would like to focus on the balance of the Energy Star ratings, as well as, efficiencies for district electronic equipment, scheduling improvements, and implement additional HVAC controls.

Mrs. Proper added that employee involvement, the purchase of Energy Star certified products, central monitoring of building equipment schedules, implementation of alternative lighting opportunities, and seeking out of grants for energy projects will all be actions that continue to propel the success of the district's energy program forward.

Enrollment Planning and Forecasting

Ralph Au continued the meeting with a presentation to members pertaining to district enrollment planning. Mr. Au has been working with Scott Leopold from DeJong-Richter and Linda Martin from the Superintendent's Office on a project to forecast upcoming enrollment growth. A copy of Mr. Au's presentation is available by request through the district's Business Office.

The enrollment forecasting focused on new subdivision growth, older subdivision aging, and vacant land as a variable. Subdivisions in Worthington were used as a comparison. Olentangy (similar to Worthington) is predicted to experience a lower student yield from older subdivisions in its district as the subdivisions continue to age. It is anticipated that many families stay in these homes after their children have graduated out of the district which results in a lower student yield per household.

Unlike Worthington, the Olentangy School district still contains a large quantity of undeveloped land that could potentially become single or multi-family housing in the future. Some of this land is in the planning stages for new subdivisions and some of the land is still vacant. Housing is anticipated for the vacant land adjacent to the proposed sewer extension on the west side of the district. Should vacant land continue to be developed into housing communities, the student yield from these areas is projected to be high initially resulting in increased student enrollments at most OLSD schools.

Variables relevant to the vacant land would include the rate at which the land is developed, the density in which the housing is built, and actual yield change over time. Should housing be developed at a rate of 500 units per year it is predicted that the year that the vacant land would be "built out" would be in 2051. If the housing were to be developed at 750 units per year, the "build out" year would be 2039. Lastly, should the land be developed into housing at a rate of 1000 units per year, the "built out" rate year is predicted to be in 2033. Max student enrollment is predicted to be 25,000 students if 500 new homes are built in the district per year. Max enrollment is predicted to be 27,000 students if 1000 new homes are built in the district per year.

The amount of new housing and the rate at which it is built appears to be the real "wild card" when forecasting student enrollment growth in the district. The new sewer will have some impact on the amount of new housing that is built. Land being developed to the north and possible areas of annexation would also have impact on the district's future enrollment numbers.

Facilities Committee member Brian Lorenz shared that building permits appear to be picking up in Powell, that aging "in place" appears to be a trend for homeowners, and the a build out rate of 500/600 units per year is most likely a reasonable rate of growth.

Members discussed that our enrollment projections through 2022-2023 appear to be on target, but were also aware that area influencers could change projections at any time. The projections provided by Mr. Au seemed to indicate that the district would continue to see growth through 2050 and that the enrollment levels would remain fairly constant at that point (rather than dropping off significantly).

Mr. Au will continue to work with the Superintendent's Office regarding this project. New discussions pertaining to enrollment projections for the district will resume in the fall of 2014.

General Business

The Facilities Committee has received two new applications for membership. The resumes for Mr. Joydeep Gupta and Mr. Roger Bartz were reviewed by members present at the meeting. Members shared that the skill sets for Mr. Gupta appeared to be a better fit for the district's Technology Committee. Stacy Dunbar and members requested that Mr. Gupta's resume and contact information be forwarded to Mike Testa of OLSD's Technology Team for consideration for participation on the Technology Committee.

Stacy Dunbar and the members present determined that Mr. Bartz's skill sets would be a good fit for the Facilities Committee. Mr. Bartz is currently an active volunteer within the OLSD athletic booster program and dedicates a lot of time to the district. Members requested that Mr. Bartz's resume be forwarded to the Board of Education for review at the June 2014 BOE meeting.

Permanent Improvement Planning

Jeff Gordon provided members with a status update relevant to the district's summer 2014 permanent improvement projects. He shared with members that he was pleased with the bids that the district had received for all of the large permanent improvement projects. Most of the bids came in well under the anticipated project amounts.

He advised that the replacement of the Olentangy High School roof and the conversion of the OHS Chemistry Lab were currently underway. District asphalt improvements are scheduled to begin next week. The Chiller replacement at Shanahan Middle School is scheduled to begin at the end of June and be complete by mid-July. OLSD will be able to use the refrigerant and parts from the old Chiller unit. This should result in a \$30,000 or larger savings for the district.

Non-Traditional Projects

Jeff Gordon shared with members that the bid results for the Liberty High School Wrestling Room project were currently being reviewed. An update regarding the bid results and project timeline will be provided to committee members once the district is provided with this information.

Approval for the construction of a press box at Olentangy's Varsity Baseball Field was provided by the Board of Education at their May 2014 meeting. Construction on the press box is anticipated to commence in July of 2014 and be complete prior to the end of the year.

Ralph Au asked for a motion to adjourn the Development Committee meeting.

Rich Seils moved and Ron Thomas seconded the motion to adjourn the meeting at 8:26 p.m. Motion Carried.

The next meeting is scheduled for Wednesday, August 6, 2014.

Respectfully submitted,
Jeff Gordon