

2016 Ohio School Design Manual Update

This year's update was limited in nature.

Costs

- The regional cost factors and new school construction costs were updated to reflect changes in current market. Please refer to Additional Resources (PDF).
- We solicited input from construction professionals on the current market and considered their input when determining the inflation factor.
- No changes beyond the regional cost factors were made to the assessment cost guidelines.
- No changes were made to the non-construction cost percentages.
- The allowances for swing space and reprogramming were reviewed and no changes were made based on current market pricing.
- The rate of inflation for 2016 is 1.0%.

LEED/Sustainability Update:

- LEED Version 3 – Energy Update

All new projects registered after the effective date of the Energy Update for LEED Version 3 will need to secure 4 points in the Energy & Atmosphere category under EAp2 – Minimum Energy Performance. These points reflect an improvement of 18% for new construction and 14% for renovation above the ASHRAE Energy Standard 90:1 2007. As the Ohio School Design Manual currently calls for a 30% improvement above the 90:1 2007 standard, this should not be an issue for the OFCC projects.

- LEED Version 4 – October 2016

All OFCC projects should continue to register in LEED Version 3 until such time as it is no longer available. The anticipated date for registration closing is approximately October 1, 2016. (More details regarding the sunset will be posted to the OFCC website as more becomes known.) All projects should attempt to complete any pending registrations before the closure of LEED for Schools Version 3.

Once the state of Ohio starts using LEED Version 4, the Energy Performance will be based on ASHRAE 90:1 2010. At that time, the OSDM will no longer require an increase above this ASHRAE standard. The adjustment to this ASHRAE standard provides a sufficient increase to the base performance of the school facilities. We will expect the project teams to do their best to improve upon this standard as it will result in increased performance and provide future operational savings for the school district.

- Lighting

Project teams are encouraged to review the life cycle and performance of LED lighting for the interior of the facility, including classrooms. The LED lighting provides an increase in performance for daylight harvesting and the ability of the occupant to appropriately adjust the lighting levels when natural light is available. The cost and quality of LED lighting has improved such that it is now encouraged as an option.