

# BERLIN AREA SCHOOL DISTRICT

The two school buildings for the Berlin Area School District—located entirely on one campus—reside in Berlin, Wisconsin. Berlin is just thirty minutes west of Oshkosh between Ripon and Omro. In 2017, the school district committed to addressing some of their aging facility components and/or systems. The district utilized the statewide energy efficiency revenue limit exemption program. A program that allows a school district to exceed their formula-generated revenue limit for the purposes of energy efficiency. The program generated in 2009 and has been modified over the years. The program has been adopted by over 200 school districts in Wisconsin.



Berlin High School

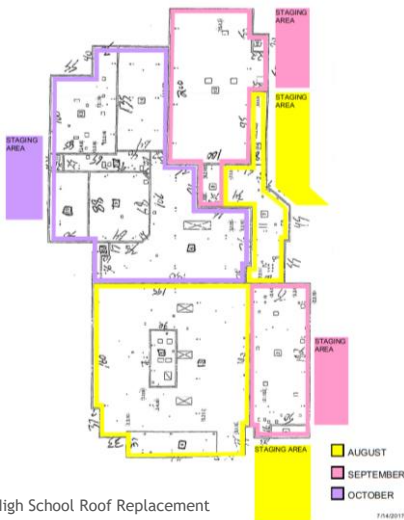


### Project Summary

Project Cost:	\$1,400,000
Guaranteed Annual Utility Savings:	\$1,968
Annual Maintenance Savings and Capital Cost Avoidance:	\$35,635
Simple Payback:	37 years



Berlin High School Commons LED Lighting



Berlin High School Roof Replacement

By replacing all roof areas, insulation value was increased for improved thermal protection. Mechanical upgrades included replacing the original cooling tower that was almost 25 years old. The new efficient unit had a large effect on the maintenance savings. Berlin’s water softener system was also replaced with a progressive flow twin system. Lastly, remaining contingency funds were used to upgrade inadequate lighting in the high school commons to LED.

“The Berlin High School had been plagued with inadequate lighting in our commons for a number of years. It has a number of architectural details we wanted to highlight. In order for this to happen we went to an LED lighting fixture that provided quality light below for student studying and at the same time provides uplighting to showcase the architectural details on the ceiling. We worked with Upper 90 Energy to bring this project to fruition. We had a great working relationship.”

-Bob Eidahl, District Administrator

