

BRIGHT FUTURE FOR ATHLETICS



CLIENT

Grandville High School

PROJECT

LED Sports Lighting for Multi- Use Field

PROJECT SIZE

\$375,000

LOCATION

Grandville, Michigan

PARTNERS

Owen-Ames-Kimball Co. and
GMB Architecture + Engineering

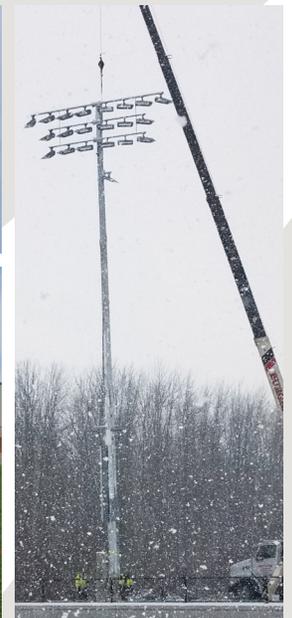


With a growing athletic program, Grandville High School recognized the time was right for a new multi-use sports field. Plans for the 385' x 244' field featured a synthetic turf and state-of-the-art lighting to accommodate teams after the sun goes down.

Through a competitive bid process, Windemuller was selected to provide the LED sports and site lighting. In late October, our Outdoor Utilities team prepped the field by installing a new 600 foot 150 amp, 480-volt feeder from the main service panel inside the school that a portion of it needed to be trenched and buried. The team also installed seven pole bases to support the LED lighting that would illuminate the field and surrounding walkways.

After taking a brief break from the project to allow other trades to finish, the Windemuller crew was back onsite in early February to install the LED lighting. The crew worked through the bitter cold temperatures and windy conditions of a Michigan winter to ensure they met the timeline.

Mission accomplished! Grandville High School is the first athletic field on the west side of the state to feature a Musco LED sports lighting system. Not only is LED lighting more energy efficient, but it also allows spill and glare control over the lighting on the field, which makes taking in a game easier on the eyes for spectators.



The system offers greater control with options to illuminate the whole field or focus on a certain portion. At peak brightness, the field is lit at 50 foot-candles of light, which equals 538 lumens and have the ability to be dimmed if the field is being used for an event requiring softer lighting.

Windemuller is proud to have provided these innovative features for the new field – just in time for the Bulldogs to kick off their spring sports season!

