

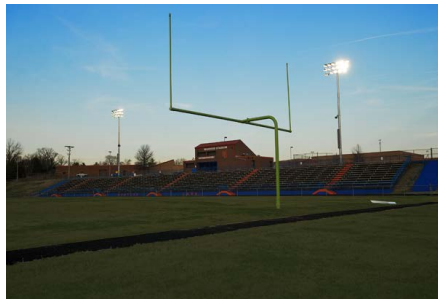
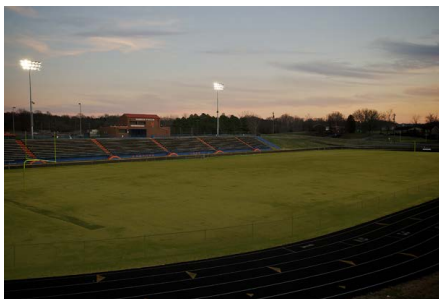
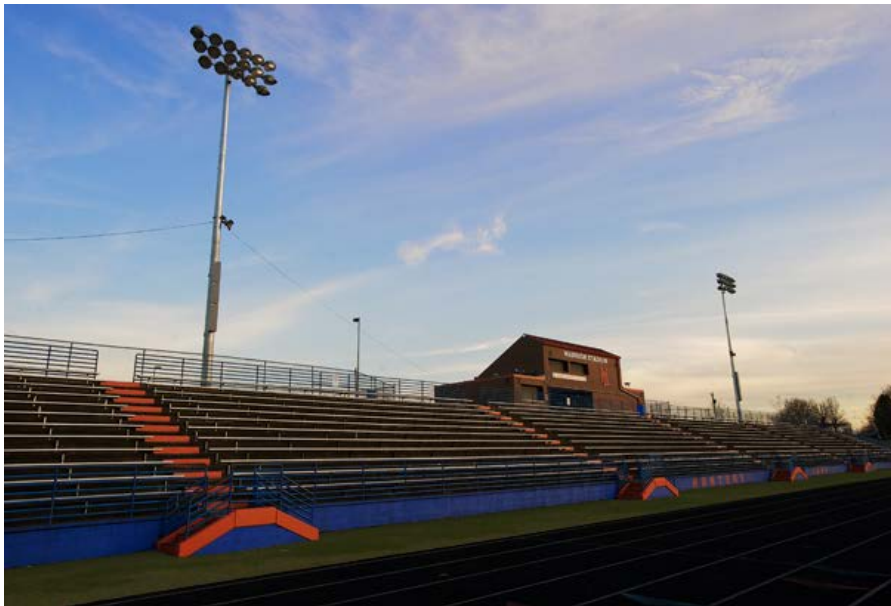
CASE STUDY

Mission Critical/Power Quality

Stadium Lighting for Metro Nashville Public Schools

Ten High Schools in Nashville, TN

Due to poor field illumination and inefficiencies at 10 Metro Nashville high school athletic fields, MNPS retained Puckett Engineering to provide professional services to replace field lighting systems, including new poles, fixtures, power distribution, and controls. A primary objective was adequate and comfortable illumination levels without excessive glare for players and spectators. Emphasis was placed on maintaining public safety in regards to the power distribution systems. Additional fixtures were provided to provide security lighting for public users of the running tracks (the track lights were designed with an accessible timer). The design also placed wiring for lighting, PA systems, and scoreboards underground. Puckett Engineering also provided construction administration and illumination verification measurements.



PROBLEM OR NEED

Poor field illumination and inefficiencies at high school football stadiums

PUCKETT SOLUTIONS

Design and construction administration for new lighting systems

Designed for good illumination without excessive glare

New poles

New power distribution and controls

Also included placing wiring underground

Illumination verification measurements after construction

Year Completed: 2011
