

AVIATION FACILITY



ABOUT

ODOT's Aviation program and statewide planning process take air travel and transport into consideration as an important part of Ohio's vast transportation network, the fifth largest in the country.

THE PROBLEM

The ODOT Aviation facility was looking to replace outdated & non-working 1000w Metal Halide fixtures in their Airport Hangar. Their administration offices were also in need of updated fixtures. Their exterior fixtures needed to be replaced with Efficient LED parking lot lights and building flood-lights for safety and superior light coverage.

THE SOLUTION

- In the airplane hangar we replaced the 1000w metal halide with high efficacy 180w LED high bays.
- Added zoning controls and daylight harvesting to ensure maximum energy savings.
- Replaced all the administration office lights with new LED 2x4 panels.
- Reduced quantities in many areas and added zoning controls in the training rooms.
- The exterior lights were replaced with 180w LED flood lights with custom optics to ensure even light spread with no glare.

RESULTS

- Annual kWh saved: 254,542
- 75.20% savings
- Utility Rebate incentive: \$25,000

