First Quarter Exterior Lighting Report

The Exterior Lighting Advisory Committee serves as an advisory body to address campus stakeholder exterior lighting needs and safety concerns in accordance with Campus Master Plan initiatives and any University directives.

The ELAC seeks to develop an effective, efficient, & sustainable exterior lighting plan to complement the Texas Tech University Campus Master Plan and align with the overall mission/vision of the university.

How are exterior lighting deficiencies identified on campus?

- Campus is divided into 13 Lighting Zones. Each month multiple zones are audited to identify lights in need of repair and address any new safety concerns. Work orders are submitted & tracked by the Energy Management office.

- Exterior lighting requests are evaluated using survey data to identify and confirm inadequately lit space, opportunity for improvement, basis for project implementation, and funding justification.

Current Projects:

Chitwood - Weymouth Parking Lot Area
- Cost share funding is in place, FAC/Housing/Transportation & Parking $288,531
- Project will commence over the summer, to be complete before Fall Semester depending on availability of materials.

Pathway along 18th Street, from West Village to The Commons
- Project is in development. All pathway lights are working, 13 existing lights are not LED and will be upgraded in April. Once complete the area will be surveyed to determine what additional lighting deficiencies remain. The LED lights will be an improvement on their own and allow the team to better assess whether trees need trimmed, or poles need moved to best meet campus & student needs.

How does the committee prioritize projects?

- Improved safety & functionality
- Improved efficiencies
- Reduced energy costs
- Reduced cost of maintenance

First Quarter Audit Results:

January – Zone 3:   37 lights out, 37 repaired

February – Zone 4:   25 lights out, 25 repaired

March – Zone 5:   34 lights out, 34 repaired

FUN FACT

"LEDs provide higher-quality lighting for longer periods of time than other forms of light, leading to an improvement in the safety of the campus community."

TEXAS TECH UNIVERSITY
Operations Division