



YOUR GOALS. OUR MISSION.

September 12, 2024,

Alex Jackson, PhD  
Smithfield Township  
1155 Red Fox Road  
East Stroudsburg, PA 18301

**SUBJECT: DRAFT LIGHTING ORDINANCE – TECHNICAL REVIEW**

Dear Alex:

Per the Township's request I have reviewed the technical components of the proposed lighting ordinance. My review examined pages 20 through 29.

Levels of illumination are required to meet the recommendations of Illuminating Engineering Society of North America (IESNA). This is currently the same requirement in Smithfield Township's SALDO Ordinance.

Generally, all lighting fixtures must be fully shielded to prevent light and glare from migrating onto adjacent properties. Spillover can be no greater than 0.1 footcandle onto any residential use or open space use. Current SALDO permits a maximum of 0.5 footcandles at the property line. The proposed ordinance is more restrictive in protecting adjacent residential properties. The proposed ordinance permits spillover of 0.8 footcandles onto a non-residential property. This is more permissive than the current SALDO which restricts spillover to 0.5 footcandles regardless of adjacent property use.

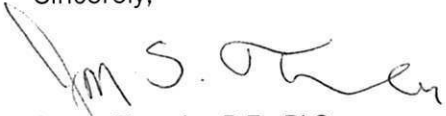
The height of poles for parking lot lighting is limited to 15 feet. If a parking lot exceeds 100 contiguous spaces, the Township Supervisors may permit poles up to 25 feet in height if the Applicant demonstrates no off-site impacts. Current SALDO requirements limit pole height to 20 feet.

The ordinance proposes *"Recreational facilities for basketball, baseball, football, soccer, miniature golf, tennis, or tack shall not be illuminated if located within 1000' of a property within a residential district."* This could end up being problematic for a potentially otherwise permitted use.

The proposed ordinance has specific requirements for a "Visual Impact Plan". While this is generally good, it may be considered burdensome on some Applicants, especially those required to upgrade lighting as specified under "non-conforming uses" elsewhere in the ordinance. I am not suggesting this should not be required, but alerting everyone simply to the requirement in case there is need for discussion. The Plan Submission Requirements are thorough, comprehensive, and in my opinion a good requirement in line with many other Townships' standards.

If there are any questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon S. Tresslar". The signature is written in a cursive style with a large initial "J" and "S".

Jon S. Tresslar P.E., PLS  
Township Engineer

Cc: Julia Heilakka, Township Manager