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## **SAFE ANNOUNCES NEW LIGHTING POLE DESIGN STANDARD PUBLISHED BY ASCE**

**Drums, PA** – Stadium & Facility Evaluation (SAFE) is pleased to announce that the American Society of Civil Engineers (ASCE) has released ASCE 72-21, *Design of Steel Lighting System Support Pole Structures*. Prepared by the Codes and Activities Division of the Structural Engineering Institute of ASCE, the inaugural Standard provides design parameters applicable to lighting pole structures.

The consensus Standard covers proper specification and/or development of the various loads and load combinations to be applied to lighting support poles as well as safe load resistance requirements. Special design issues include structure deflection, vibration, and fatigue. Issues related to fabrication and installation, as well as critical ongoing inspection and maintenance best practices are also addressed.

ASCE 72-21 unifies the core body of best practice knowledge available in the structural engineering community and provides public and private agencies, practicing engineers, installers, and facility owners a consistent roadmap. It is the Committee's intent that the International Building Code (IBC) will ultimately recognize and adopt the Standard. The Standard is now available to purchase on ASCE's web site.

Brian Reese, President of SAFE and Chairman of the ASCE 72 Committee commented, "This Standard is long overdue for the lighting industry. The industry has not been consistent in its application of design standards and in many cases, poles were provided with the lighting systems simply as an afterthought. Crucial subjects such as fatigue, inspection, and maintenance are addressed which are required to ensure the long-term reliability of these structures and ensure public safety."

**About Stadium & Facility Evaluation (SAFE):** SAFE's expertise lies in its years of experience with pole structures from engineering through manufacturing, inspections, and field repairs. SAFE is an expert in ground-based, aerial, and UAS inspections including condition assessments, retrieving engineering data, visual weld inspections, and non-destructive weld testing.

**About American Society of Civil Engineers (ASCE):** The Society represents more than 150,000 members of the civil engineering profession in 177 countries. Founded in 1852, ASCE is the nation's oldest engineering society. ASCE stands at the forefront of a profession that plans, designs, constructs, and operates society's economic and social engine – the built environment – while protecting and restoring the natural environment.