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ENGINEERING DIRECTIVES AND STANDARDS

Volume	Chapter	Section	Directive Number	Effective Date
II	2	1	9	3/29/2019

SUBJECT: ROADWAY LIGHTING OF STATE HIGHWAYS AND DECORATIVE LIGHTING OF STATE BRIDGES

- PURPOSE:** This policy establishes uniform procedures and standards for constructing and maintaining new roadway lighting systems on state rights-of-way and decorative lighting on state bridges.
- POLICY:** Roadway lighting shall be in accordance with the current revision of "A GUIDE TO CONSTRUCTING, OPERATING, AND MAINTAINING HIGHWAY LIGHTING SYSTEMS." This guide is published on the Department's internet website. From the Department's "Home" page, click on the "Site Map "(bottom left corner of the page), then "Bridge Design", then "Highway Lighting Systems Guide" (left side column).

The steps and procedures contained therein also apply to the decorative lighting of state bridges with the following general guidelines:

- Agreements: Before design work begins, the Interested Party must secure maintenance, electricity, and matching fund agreements (when applicable) with the local municipality in accordance with the above referenced guide.
- Permits: The Interested Party must secure any necessary permits. The design must be approved by the U.S. Coast Guard and the Federal Aviation Administration as needed.
- Funding:
 - Privately Funded: If the project is privately funded, the Interested Party must coordinate between the Department's Bridge Design Section and the private Design Engineer.
 - Other Funding: The interested party must secure a bona fide source of funding before design work can proceed. Funding sources can include intradepartmental sources, special legislative allocations, or elsewhere.
- Design: The Design Engineer must be a registered Professional Engineer in the State of Louisiana. The electrical design and equipment must be approved by the Electrical Design Unit of the Department's Bridge Design Section or their agent. The design and plans must conform to the Department's standard practices and procedures and must conform to the current edition of the "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES." The electrical design shall not violate any minimum standard set by the National Electrical Code.

3. OTHER ISSUANCES AFFECTED: This directive supersedes EDSM II.2.1.9 issued January 30, 2004.

4. EFFECTIVE DATE: This policy becomes effective upon the Chief Engineer's signature.

Christopher P. Knotts, P.E.
Chief Engineer