

Three (3) copies of the drawings must accompany the permit application.

PERMIT NUMBER _____

CONTROL _____ SECTION _____

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PERMIT SUPPLEMENT

Rev 07/18

CERTIFICATION FOR PERMIT LIGHTING ON STATE HIGHWAYS

APPLICANT / OWNER: _____

All design work shall comply with the "LADOTD Guide to Constructing, Operating, and Maintaining Highway Lighting Systems" which can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Misc%20Documents/Highway_Lighting_Systems_Guide.pdf

The following items shall be marked with either a "✓" (compliance) or "N/A" (not applicable). Items marked "N/A" shall list justification (solar power system, photometric report not required due to ..., etc.). The permit request will be rejected if any item is not marked.

_____ **Construction Plan Sheets:** Submit a complete set of plan sheets suitable for construction. Plan sheets can be produced in either full-size (22"x34") or half-size (11"x17") format. Plans shall include layout sheets of the roadway which shall show the locations of proposed electrical service points, poles, luminaires, conduits, junction boxes, conductor highway crossings (aerial or below ground), etc. Layout sheets shall include a north arrow, a scale, and a legend to identify equipment. Layout sheets shall have a scale of 1"=100' if submitted on full-size sheets, or 1"=200' if submitted on half-size sheets.

Plan sheets with electrical design elements (new service points, new wiring, etc.) shall be developed, stamped, and signed by an Electrical Engineer licensed in the State of Louisiana. Plan sheets with structural design elements (light pole foundations, guard rails, etc.) shall be developed, stamped, and signed by a Civil/Structural Engineer licensed in the State of Louisiana.

N/A: _____

_____ **Photometric Report for Roadway Lighting:** For all projects that include roadway lighting, submit a complete photometric report using the illuminance method. The report shall be developed and signed by a qualified Illumination Designer/Engineer, and shall include the following:

1. Average luminance, average to minimum ratio, and veiling luminance ratio (Lv Ratio) calculations.
2. Luminaire ".ies" data filename.
3. Luminaire description, mounting height, and offset from travel lanes.
4. Highway information such as type, classification (arterial, collector, local, etc.), number of lanes, median width, shoulder width, etc.
5. Illumination Designer/Engineer's analysis shall indicate the Standard used (LADOTD, IES, AASHTO, or local ordinance). Variances from the stated Standard shall be indicated and justified. When using a local ordinance as the Standard, state the name of the ordinance and give target values.

N/A: _____

_____ **Other Lighting:** For projects with sidewalk lighting, submit a photometric report for the sidewalk. For all other lighting (decorative, signage, etc.), no photometric report is required. However, by signing below, the applicant/owner's representative attests that the lighting will be installed in such a way that it will have no detrimental effects to the nearby roadway, and that if any detrimental effects are found, they will be remedied at the permit holder's expense.

N/A: _____

_____ **Design Calculations:** Submit design calculations for all electrical and structural work. Design calculations shall be produced, stamped, and signed by an Engineer licensed in the State of Louisiana.

N/A: _____

_____ **Manufacturer's Certified Drawings and Information Sheets:**

1. Submit manufacturer's Information Sheets for each type of luminaire to be used on the project. Information Sheets shall be marked to indicate pertinent information such as wattage, type (high pressure sodium, metal halide, LED, etc.), voltage, photocell, type distribution, network module, etc. Do not use highlighters to mark sheets. *All luminaires shall comply with ANSI C136.31 vibration test levels.*
2. Submit manufacturer's Certified Drawings/Information Sheets for all other new equipment to be used on the project. These include, but are not limited to light poles, luminaire arms, impact attenuation (breakaway) devices, lighting controllers, disconnects, ground rods, ground connectors, conduit, conductors, circuit breakers, fuses, splices, termination devices, contactors, junction boxes, and service equipment.

N/A: _____

Print Name: _____ Signature: _____ Date: _____
Applicant/Owner's Representative (Required)

Print Name: _____ Signature: _____ Date: _____
Illumination Designer/Engineer of Record (Required if providing roadway/sidewalk lighting. Mark N/A if none provided.)

Print Name: _____ Signature: _____ Date: _____
Electrical Engineer of Record (Required if providing electrical design work. Mark N/A if none provided (solar powered without utility service).)

Print Name: _____ Signature: _____ Date: _____
Civil Engineer of Record (Required if providing structural design work. Mark N/A if none provided.)

Headquarters (original)

pc: District

pc: Permittee