

**MISSOURI DEPARTMENT OF TRANSPORTATION
HIGHWAY LIGHTING WARRANTS**

D-21
Rev. 4-18

Date _____

Project _____ Route _____ County _____

Location _____

(Check Applicable Squares “ ”)

1. CONDITIONS

- Urban Suburban Rural
- Freeway Other than freeway
- Interchange
- Divisional Island at Ramp Connections
- Existing Lighting on Crossroad
- Divisional Islands at Road Intersection
- Signalized Road Intersection
- Street Widening or Reconstruction and Existing Lighting
- Outer Roadway and Existing Street Lighting

2. PROPOSED DESIGN

- Basic Lighting at Ramp Connections to Thruway
 - Basic Lighting at Ramp Connections to Crossroad
 - Basic Lighting at Road Intersection
 - Continuous Lighting on Thruway
 - Replace or Adjust Existing Facilities
- Secondary Circuit _____ volts
Average Maintained Intensity _____ footcandle [lux]
Kind of Luminaire _____ watt Light Emitting Diode (LED)
Mounting Height 30 ft. [9 m] 45 ft. [13.5 m]

3. COSTS

Installation	City _____%	State _____%
Operation (Electric Current)	City <input type="checkbox"/>	State <input type="checkbox"/>
Maintenance	City <input type="checkbox"/>	State <input type="checkbox"/>

4. ADT AT TIME OF COMPLETION _____ YEAR _____

On Freeway Thru-Traffic Lanes _____

On Crossroad Thru-Traffic Lanes _____

Ramp Traffic Entering & Leaving Freeway _____

5. WARRANTS

Continuous Freeway Lighting	Case A	<input type="checkbox"/>
	Case B	<input type="checkbox"/>
	Case C	<input type="checkbox"/>