

**Lee County Board Of County Commissioners  
Agenda Item Summary**

**Blue Sheet No. 20030022**

**1. REQUESTED MOTION:**

**ACTION REQUESTED:** Adopt a Resolution approving certain amendments to the Lee County Administrative Code, specifically Administrative Code 11-2, Procedure to Establish Criteria for Providing Illumination of Intersections, to reflect current Board direction regarding the installation of street lighting on roadways maintained by Lee County or by the Florida Department of Transportation.

**WHY ACTION IS NECESSARY:** Lee County Ordinance No. 97-23 allows and provides for amendments to the Lee County Administrative Code to be made by Resolution of the Board of County Commissioners at a regularly scheduled board meeting.

**WHAT ACTION ACCOMPLISHES:**

Amends the Administrative Code 11-2 to reflect current Board direction to install roadway lighting on arterial roadways in the urban areas of the County.

**2. DEPARTMENTAL CATEGORY:  
COMMISSION DISTRICT #**

*A9B*

**3. MEETING DATE:**

*01-28-2003*

**4. AGENDA:**

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:

**5. REQUIREMENT/PURPOSE:  
(Specify)**

- STATUTE
- ORDINANCE
- ADMIN. CODE
- OTHER

**6. REQUESTOR OF INFORMATION:**

- A. COMMISSIONER
  - B. DEPARTMENT Transportation
  - C. DIVISION
- BY: Scott M. Gilbertson, P.E./Director

**7. BACKGROUND:**

At the February 2002 Management and Planning Committee Meeting, the Board was asked to consider the development of a multi-year program to install typical, non-decorative, street lighting systems along the existing major County-maintained roadways in the urbanized areas of the unincorporated County; the identification of the perpetual operation and maintenance of such street lighting as a Core Level of Service on such arterial roadways; and the inclusion of certain roadways currently funded through the MSTBU program. As part of the staff recommendation it was identified that Administrative Code 11-2 should be modified to include this program. The Board's direction at that time was to proceed with the program and the needed changes to the Administrative Code.

**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
<i>1/14/03</i> <i>[Signature]</i>				<i>A. Fraser</i>	OA <i>RK 1/14</i>	OM <i>[Signature] 1/14/03</i>	Risk <i>[Signature] 1/14/03</i>	GC <i>[Signature] 1-14-03</i>	<i>[Signature]</i> 1-10-03

**10. COMMISSION ACTION:**

- APPROVED
- DENIED
- DEFERRED
- OTHER

**Rec. by CoAtty**  
 Date: *1/13/03*  
 Time: *1:20*  
 Forwarded To:  
*Budget*  
*1/14/03 8:45AM*

**RECEIVED BY  
COUNTY ADMIN.** *RK*  
*1-14-03*  
*10:15*  
**COUNTY ADMIN.  
FORWARDED TO:**  
*1/14 3:30*

LEE COUNTY RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE LEE COUNTY BOARD OF COUNTY COMMISSIONERS RELATING TO AMENDMENTS TO THE LEE COUNTY ADMINISTRATIVE CODE AS ADOPTED BY LEE COUNTY ORDINANCE NO. 97-23; PROVIDING FOR APPROVAL OF CERTAIN AMENDMENTS TO THE LEE COUNTY ADMINISTRATIVE CODE; MODIFYING AND AMENDING ADMINISTRATIVE CODE 11-12 PERTAINING TO PROCEDURES TO ESTABLISH CRITERIA FOR PROVIDING ILLUMINATION OF INTERSECTIONS; PROVIDING FOR SEVERABILITY; PROVIDING FOR AN EFFECTIVE DATE.**

WHEREAS, the Board of County Commissioners is the governing body in and for Lee County, a political subdivision of the State of Florida; and,

WHEREAS, the Board of County Commissioners has previously enacted Lee County Ordinance No. 96-01, creating a charter form of government for Lee County pursuant to Section 125.80 and ff., Florida Statutes, and which was approved and ratified by the Electorate of Lee County on November 5, 1996; and,

WHEREAS, the Board of County Commissioners has previously enacted Lee County Ordinance No. 97-23, which adopted the Lee County Administrative Code pursuant to Section 2.2.E. of Ordinance No. 96-01, the Lee County Charter; and,

WHEREAS, Lee County Ordinance No. 97-23 at Section III allows and provides for amendments to the Lee County Administrative Code to be made by Resolution of the Board of County Commissioners at a regularly scheduled Board of County Commissioners' meeting; and,

WHEREAS, certain amendments to the Lee County Administrative Code are now being proposed, and the Board of County Commissioners finds that such proposed amendments are acceptable, serve a public purpose and are consistent with the terms and conditions of Lee County Ordinance No. 96-01, the Lee County Charter.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS that:

1. The above preamble is hereby accepted and approved as being true and accurate, and is adopted and incorporated herein as if set out further at length.
2. The proposed revisions and amendments to Lee County Administrative Code 11-2, Urban Arterial Street Lighting Program and Procedures to Provide Street Lighting at Intersections (attached hereto as Exhibit "A") is approved, and is hereby directed to be incorporated into the Lee County Administrative Code as indicated.
3. The provisions of this Resolution are severable, and it is the intention to confer to the whole or any part of this Resolution, the powers herein provided for. If any of the provisions of this Resolution shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the other remaining provisions of this Resolution. It is hereby declared to be the Board's legislative intent that this Resolution would have been adopted had such an unconstitutional provision not been included herein.
4. This Resolution shall become effective immediately upon its adoption by the Board of County Commissioners.

The foregoing Resolution was offered by Commissioner \_\_\_\_\_, who moved its adoption. The motion was seconded by Commissioner \_\_\_\_\_, and, being put to a vote, the vote was as follows:

DOUGLAS ST. CERNY  
ROBERT JANES  
RAY JUDAH  
ANDREW COY  
JOHN E. ALBION

DULY PASSED AND ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

ATTEST: CHARLIE GREEN  
CLERK OF COURTS

BOARD OF COUNTY COMMISSIONERS  
OF LEE COUNTY, FLORIDA

By: \_\_\_\_\_  
Deputy Clerk

By: \_\_\_\_\_  
Chairman

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Office of the County Attorney

ADMINISTRATIVE CODE  
BOARD OF COUNTY COMMISSIONERS

<p>CATEGORY:</p> <p>Transportation and Traffic Management</p>	<p>CODE NUMBER:</p> <p>AC-11-2</p>
<p>TITLE:</p> <p><del>Procedure to Establish Criteria for Providing Illuminations of Intersections</del> Urban Arterial Street Lighting Program and Procedures to Provide Street Lighting at Intersections</p>	<p>ADOPTED:</p> <p>August 7, 1985</p> <p>AMENDED:    January 4, 1995                   March 24, 1998</p>
	<p>ORIGINATING DEPARTMENT:</p> <p><del>Division</del>    <u>Department of Transportation</u></p>

**PURPOSE/SCOPE:**

This policy repeals and replaces the existing Administrative Code No. 11-2, as amended on March 24, 1998.

This policy establishes the criteria to be used in providing illuminations at intersections of County maintained roads, to install street lighting at intersections of County maintained roads and continuous street lighting along roadways maintained by the County or those State highways in the unincorporated areas of the County. It also establishes the program to install, maintain and operate these lighting systems, and establishes that the perpetual operation and maintenance of street lighting on urban arterial roadways in the unincorporated areas of the County be designated as a Core Level of Service.

**POLICY/PROCEDURE:**

**A. Intersection Lighting**

Illumination of Intersections will be evaluated using the following criteria:

1. Signalized intersections
2. At the intersection of arterial and collector roads.
3. At other intersections provided:
  - a. The side street traffic approaching the intersection is 40 or more vehicles per hour for any two-half hour periods during the time between sunset and midnight; or
  - b. There have been five (5) accidents during a twelve (12) month period, which may have been prevented had illumination been provided; or
  - c. Both criteria 3a, and 3b are 80% satisfied.

**Procedure for Submitting Requests for Illumination of Intersections:**

1. Anyone desiring to have an intersection illuminated in accordance with criteria listed in #3 above, must submit a written request to the ~~Division~~ Department of Transportation's Traffic Section.
2. The Traffic Section will evaluate the request using the criteria stated above, and estimate the cost of electricity for the remainder of the fiscal year and the next fiscal year.
3. If the request meets any of the criteria and funds are available within the budget, a request must be sent to the appropriate electric utility company requesting installation of the lights and authorizing billing.
4. If the request meets any of the criteria and funds are not available within the budget, the request for illumination must be sent to the Board of County Commissioners, who will either authorize the funds for the electric bills and the installation for the remainder of the fiscal year, or direct that the installation be delayed until the next fiscal year.

### **New Construction Projects:**

Illumination of intersections must be included as part of any new project to:

1. that signalizes an intersection,
2. widens an arterial or collector road from two to four or six lanes or construct a new four lane facility,
3. or constructs a new arterial or collector road which intersects another arterial or collector road.

**Arterial/Collector:**

### **B. Continuous Roadway Lighting**

The Board's policy will be to provide street lighting systems along the existing major county-maintained roadways in the urbanized areas of the unincorporated County. The criteria for a roadway to have continuous lighting will be:

1. The roadway has the functional classification as an arterial.
2. The roadway is in an urbanized area of the County or has an annual average daily traffic (AADT) volume exceeding 20,000 vehicles.

For arterial roadways not exceeding the volume threshold, street lighting may be installed to enhance traffic safety with a documented nighttime crash history of at least 1.0 crashes per million vehicle-miles.

A program to install, operate and maintain street lights on the Urban Arterial Roadways will be implemented. Lee County DOT will develop an annual listing of those roadways to have street lighting installed. This listing will be prepared as part of the Capital Improvement Program.

This program will also assume the operating and maintenance of those street lighting systems funded through a Street Lighting District, and that are on urban arterial roadways. Those roadways, which have an existing enhanced level of service to include decorative fixtures and poles, would have all costs above the defined core level of service remain funded by the MSTBU program.

Enhanced or decorative lighting fixtures and poles will be permitted. The full installation costs and the increased maintenance and operating costs will be funded through a Street Lighting District in the MSTBU Program. Included in these costs will be the cost to maintain a stock supply of replacement fixtures and poles. The stocking quantity for a specific type of fixture and/or pole will be two (2) fixtures and/or poles for lighting districts having less than 60 of that type of fixture and/or pole or 5% of the number of the fixtures and/or poles installed along the roadway for districts with greater than 60 of that type of fixture and/or pole.

### **County Roadways in Incorporated Areas:**

The Board's policy will be to provide street lighting at signalized intersections and along county-maintained roadways within the boundaries of any of the incorporated cities and towns, which meet the above criteria for continuous street lighting.

### **State Highways in the Unincorporated Areas:**

The Board's policy is if the illumination is within the Cities, then it is the responsibility of the City. will be to generally accept the maintenance responsibility of highway lighting systems on State Highways outside of any municipal boundaries, where the installation is funded by the Florida Department of Transportation. The County will not accept the direct maintenance responsibility of those lighting systems on a State Highway and within a municipal boundary.

### **B. Lighting Fixtures, Lamps and Poles**

#### **Core Level (Typical) Lighting Fixtures:**

The street lighting fixtures and poles to be used as a standard for illumination will be:

1. Fixtures: Turnpike or Cobra head style
  - Standard or cut off fixtures will be used as appropriate.
2. Lamp: High Pressured Sodium (HPS)
3. Pole and arm: Spun Aluminum

**Enhanced Level (Decorative) Lighting Fixtures:**

The street lighting fixtures and poles to be used for enhanced levels of illumination will be considered based on the site conditions present and the illumination needs. Lee County DOT will approve all fixtures and poles to be used for enhanced levels. As outlined previously, a street lighting district will need to be formed in order to pay for these fixtures to be installed and the fixtures to be kept in stock for repairs and replacements as well as increased costs to operate and maintain these streetlights.

ADMINISTRATIVE CODE  
BOARD OF COUNTY COMMISSIONERS

CATEGORY:

Transportation and Traffic Management

CODE NUMBER:

AC-11-2

TITLE:

Urban Arterial Street Lighting Program and Procedures to Provide Street Lighting at Intersections

ADOPTED:

August 7, 1985

AMENDED: January 4, 1995  
March 24, 1998

ORIGINATING DEPARTMENT:

Department of Transportation

PURPOSE/SCOPE:

This policy repeals and replaces the existing Administrative Code No. 11-2, as amended on March 24, 1998.

This policy establishes the criteria to be used to install street lighting at intersections of County maintained roads and continuous street lighting along roadways maintained by the County or those State highways in the unincorporated areas of the County. It also establishes the program to install, maintain and operate these lighting systems, and establishes that the perpetual operation and maintenance of street lighting on urban arterial roadways in the unincorporated areas of the County be designated as a Core Level of Service

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