



Staff Report

Text Amendment

Case #: TA-2019-11-00016

Attachments:

Staff Report, Current Lighting Standards, Proposed Standards

Zoning Commission Public Hearing: Thursday, December 5, 2019

City Council Introduction: Monday, December 23, 2019

City Council Final: Tuesday January 14, 2019

City Council Request (Ordinance):

Introduction of an Ordinance to amend Ordinance UDC#14-5364 Article 11.4.2 Street Lighting General Requirements (Case#TA-2019-11-00016) Recommend approval by the Zoning Commission

Additional Information:

Update current UDC lighting standards for street lights to Entergy Standards with type, height, and spacing.

Public Hearing:

For: NONE
Against: NONE

Commission Recommendation:

Motion: Recommend approval
For: Matt Sandifer, Jimmy Meyer, William Travis, Jeffrey Smith

Against: NONE
Abstain: NONE
Absent: Kylan Douglas

Ordinance to Read:

An Ordinance to amend the Unified Development Code regarding Street Lighting 11.42 General Requirements.

WHEREAS, on December 5, 2019 the Zoning Commission held a public hearing and recommended approval for changes to the **UDC Ordinance#14-5364 Article 11.4.2 Street Lighting General Requirements** and recommended approval (Case# TA-2019-11-00016)

NOW, THEREFORE BE IT ORDAINED by the Hammond City Council that:

Section 1: The Unified Development Code Article 11.4 Section 11.4.2 be amended to read as follows:

11.4.2 General Requirements

- A. Lighting installed by private developers and by electric utility companies shall be indicated on final plat maps, and final AS-Built plans shall be provided.
- B. Aluminum or cast aluminum poles are required. Shall be furnished with pole cap, anchor base bottom, and designed for mounting on concrete base with anchor bolts. All pole and light standards must be pre-approved from the City of Hammond Subdivision Review Committee (Building, Utilities, and Street Departments) before agreeing upon types of light standards used on private or public streets.
- C. Must be 120 or 240 volts. Bulbs shall be encased in an approved deflector head to direct light downward.
- D. All wiring shall be of installed in non-rigid ¾" – 2" pipe, schedule 40 PVC (below ground). Copper wire installed a minimum of 24" underground. Schedule 80 PVC shall be used in above ground cases.
- E. All wiring and underground work shall be installed before paving of streets to prevent street cuts.
- F. **NOTICE BEFORE WORK IS CONCEALED.** Before any part of wiring is buried, concealed, or placed in service, notice shall be given to the City's Utility Department Office so that an inspector can inspect and approve such work before concealment.

- G. SERVICE EQUIPMENT. The service equipment shall consist of an in-ground quartzite type box suitable in size to connect service wires with underground feeder wires. Box must be marked "electric" and placed within the right of way. The box top must be at finished grade of ground. The box must fuse link sized by NEC (National Electric Code). Poles should be grounded with 8' ground rod.
- H. SPACING OF STANDARDS. There shall be one standard installed at each intersection, standards shall be at property lines between lots where feasible, and spacing of standards shall be as follows:
 - a. **Decorative Fixtures:** 100 Watt LED on 20 ft. pole @ 100 ft. spacing maximum
 - b. **Shoebox Fixtures:** 150 Watt LED on 25 ft. pole @ 150 ft. spacing maximum
 - c. **Cobra Fixtures:** 200 Watt LED on 30 ft. pole @ 200 ft. spacing maximum
- I. All lighting shall be shielded so as to direct light downward only. Lighting shall comply with Airport Ordinance 820.

CURRENT UDC REQUIREMENTS:

11.4 Street Lighting

11.4.1 Purpose

The object and scope of this section is to provide uniformity of standards for street lighting to be maintained by the City of Hammond. All subdivision developers shall provide for proper street lighting as indicated below.

11.4.2 General Requirements

- A. Lighting installed by private developers and by electric utility companies shall be indicated on final plat maps, and final AS-Built plans shall be provided.
- B. Aluminum or fiberglass street light standards shall be approximately 25-30 feet in length and shall be furnished with pole cap, anchor base bottom, and designed for mounting on concrete base with anchor bolts. If mounted on utility company pole, service head shall be at least the height determined by the local utility company. All pole and light standards must be pre-approved from the City of Hammond Subdivision Review Committee (Building, Utilities, and Street Departments) before agreeing upon types of light standards used on private or public streets.
- C. Standard wattage shall be 175 watt metal halide or 150 watt high pressure sodium and shall be 120 or 240 volt. Bulbs shall be encased in an approved deflector head to direct light downward.
- D. All wiring shall be installed in non-rigid $\frac{3}{4}$ " – 2" pipe, schedule 40 PVC (below ground). Copper wire installed a minimum of 24" underground. Schedule 80 PVC shall be used in above ground cases.
- E. All wiring and underground work shall be installed before paving of streets to prevent street cuts.
- F. **NOTICE BEFORE WORK IS CONCEALED.** Before any part of wiring is buried, concealed, or placed in service, notice shall be given to the City's Utility Department Office so that an inspector can inspect and approve such work before concealment.
- G. **SERVICE EQUIPMENT.** The service equipment shall consist of a service entrance conduit fitting a 30 ampere weatherproof fuse switch/junction box of suitable size to connect service wires with underground feeder wires. Service equipment shall be properly grounded.
- H. **SPACING OF STANDARDS.** There shall be one standard installed at each intersection, and spacing of standards shall not exceed 150 feet and shall not be less than 100 feet. Standards shall be at property lines between lots where feasible.
- I. All lighting shall be shielded so as to direct light downward only. Lighting shall comply with [Airport Ordinance 820](#).

PROPOSED UDC CHANGES:

- B. Aluminum or cast aluminum poles are required. Shall be furnished with pole cap, anchor base bottom, and designed for mounting on concrete base with anchor bolts. All pole and light standards must be pre-approved from the City of Hammond Subdivision Review Committee (Building, Utilities, and Street Departments) before agreeing upon types of light standards used on private or public streets.
- C. Must be 120 or 240 volts. Bulbs shall be encased in an approved deflector head to direct light downward.
- D. All wiring shall be installed in non-rigid $\frac{3}{4}$ " – 2" pipe, schedule 40 PVC (below ground). Copper wire installed a minimum of 24" underground. Schedule 80 PVC shall be used in above ground cases.
- G. **SERVICE EQUIPMENT.** The service equipment shall consist of an in-ground quazite type box suitable in size to connect service wires with underground feeder wires. Box must be marked "electric" and placed within the right of way. The box top must be at finished grade of ground. The box must fuse link sized by NEC (National Electric Code). Poles should be grounded with 8' ground rod.
- H. **SPACING OF STANDARDS.** There shall be one standard installed at each intersection, standards shall be at property lines between lots where feasible, and spacing of standards shall be as follows:
 - a. **Decorative Fixtures:** 100 Watt LED on 20 ft. pole @ 100 ft. spacing maximum
 - b. **Shoebox Fixtures:** 150 Watt LED on 25 ft. pole @ 150 ft. spacing maximum
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- I. All lighting shall be shielded so as to direct light downward only. Lighting shall comply with Airport Ordinance 820.

Example of Lights:

Decorative:



Shoebox:



Cobra:

