

NOTICE OF MEETING AND BOARD OF ALDERMEN AGENDA



CITY OF OSAGE BEACH BOARD OF ALDERMEN MEETING

1000 City Parkway
Osage Beach, MO 65065
573.302.2000
www.osagebeach.org

TENTATIVE AGENDA

SPECIAL MEETING

February 25, 2021 - 5:30 PM

**** Note:** All cell phones should be turned off or on a silent tone only. Agendas are available in the Council Chamber; however, complete meeting packets are available on the City's website at www.osagebeach.org.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

NEW BUSINESS

- A. Discussion - Streetlighting Standards

ADJOURN

Remote viewing is available on Facebook at *City of Osage Beach, Missouri* and on YouTube at *City of Osage Beach*.

Representatives of the news media may obtain copies of this notice by contacting the following:

Tara Berreth, City Clerk
1000 City Parkway
Osage Beach, MO 65065
573.302.2000 x 1020

If any member of the public requires a specific accommodation as addressed by the Americans with Disabilities Act, please contact the City Clerk's Office forty-eight (48) hours in advance of the meeting at the above telephone number.

City of Osage Beach
Agenda Item Summary

Date of Meeting: February 25, 2021
Originator: Jeana Woods, City Administrator
Presenter: Cochran Engineering
Date Submitted: February 22, 2021

Agenda Item:
Discussion - Streetlighting Standards

Requested Action:
Discussion

Ordinance Referenced for Action:
Not Applicable

Deadline for Action:
None

Budgeted Item:
Not Applicable

Department Comments and Recommendation:
Not Applicable

City Attorney Comments:
Not Applicable

City Administrator Comments:
This discussion is necessary to continue work on researching opportunities to enhance

our streetlighting standards in the City.

November 2020, Cochran presented the City with proposed updates to the City's Streetlighting standards (Section VII) as requested by the Board. Enclosed is the document presented last year. No decision to make the recommended updates to Section VII was made at that time, but it was agreed that the discussion would resume at a later date (after the first of the year).

More information will be presented by Cochran Engineering at the meeting.

Design Guidelines
City Of Osage Beach
SECTION 7 -STREET LIGHTS

(Revised 21 OCT 04 JB)

I. GENERAL

The City of Osage Beach policy for streetlights is established in City Code Section 410.400 Street Lighting Location Standards, 410.410 Street Lighting Design Standards, Sections 510.190 Guidelines for Consideration in Accepting Additional Street Lighting into the Public Street System, 510.200 Guidelines for Consideration in Accepting Existing Street Lights (s) and Accessories into the Public Street System, 21-53, Board of Aldermen Assurances and Actions in Accepting or Rejecting Street Lighting Petitions, and 510.210 Procedures. The erection of streetlights within the City shall be in accordance with the specified City Codes, ~~and the City Design Guidelines,~~ **and the Guidelines outlined by the Illuminating engineering Society of North America (IESNA)** as established herein.

The streetlights within the City of Osage Beach in general are erected and owned by ~~AmerenUE~~ **Ameren Missouri** and rented to the city under contract. The current ~~AmerenUE~~ **Ameren Missouri** policy is:

1. If the new fixture can be installed on an existing pole without additional work ~~AmerenUE~~ **Ameren Missouri** installs the fixture at no cost. If there is not a conveniently located pole, or if a transformer must be set to accommodate the new fixture(s), the entity placing the order is billed for the installation.
2. If the electrical system in the neighborhood is underground or if a pad mounted fixture is requested the requesting entity must contract with another contractor to have the underground service conduit extended to the fixture location and construct the mounting pad. If a transformer is required a transformer pad will also have to be constructed. ~~AmerenUE~~ **Ameren Missouri** will furnish and install the transformer, wiring, and fixture. The ordering entity must pay for the ~~AmerenUE~~ **Ameren Missouri** installation costs.
3. In the case of a new development many times ~~AmerenUE~~ **Ameren Missouri** will work with the developer to install the street lighting system at no or little cost. If the system meets the city requirements and the Board of Aldermen elect it will be taken over by ~~AmerenUE~~ **Ameren Missouri** and the monthly rental service billed to the City under contract.

III. STREET LIGHTING DESIGN STANDARDS

A. Location Requirements

1. Along the new or proposed street at the following intervals:
 - a. Where intersections on existing or proposed residential or local streets are more than 400 feet apart, lights shall be located at ~~up to 400-foot intervals~~ **each intersection and equally spaced between the intersections at a minimum of 200 feet and a maximum spacing of 250 foot. Excluding the existing lots with a frontage of less than 300 feet shall be exempt.**

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- b. Where intersections on existing or proposed non-residential or collector streets are more than 300 feet apart, lights shall be ~~placed at up to 300 foot intervals~~ **located at each intersection and equally spaced between the intersections at a minimum of 150 feet and a maximum spacing of 200 foot. Excluding** existing lots with a frontage of 200 feet or less shall be exempt.
 - c. Where intersections with existing or proposed arterial streets, or US Rte. 54 are in excess of 200 feet, streetlights shall be placed at intervals up to 200 feet apart. Lighting along all federal or state routes shall meet MoDOT lighting standards.
- 2. At all intersections.
 - 3. At all turn around areas and dead ends.
 - 4. At all curves of less than 150-foot radius and a delta angle of more than 30 degrees.
 - 5. Streetlights over the traveled way shall be a minimum of 20 feet above the surface.
 - 6. Streetlights located adjacent to the roadway shall not be less than twelve feet high.
 - 7. Street light poles shall be locate at the outside edge of the city easement or not less than three feet from back of curb or edge of pavement, which ever is the greater.

B. Design Standards for Street Lights and Appurtenances

- 1. Existing Neighborhoods where new lights are to be furnished by AmerenUE shall conform to ~~AmerenUE~~ **Ameren Missouri** specifications. These lights shall be ~~high-pressure sodium vapor type, 150W~~ **post-top style configuration with illuminance be Light Emitting Diode (LED) fixture, a range of 3k to 4k color correction tint (CCT), 80W to 100W power input rated driver with comparable lumen output with a minimum rating of 70 color rendering index (CRI).**
- 2. New Developments or areas for more than one new street light shall conform to the following:
 - a. The developer shall submit a street lighting system plan: The plan shall clearly show all street light locations, type and style of pole, type and style of fixtures, rating and illumination data for fixtures, and details of riser connection to ~~AmerenUE~~ **Ameren Missouri**.
 - b. Poles shall be ~~wooden~~ conforming to ~~AmerenUE~~ **Ameren Missouri** specifications for height of pole, steel, cast iron, or aluminum. All poles shall be designed to withstand 80-mph wind gusts without distortion with all appurtenances attached. All poles mounted on a base assembly shall be of the break-a-way type.
 - c. Fixtures shall be ~~high-pressure sodium vapor type of sufficient wattage to provide for 9,000 to 10,000 lumen coverage for residential areas, or 25,000 to 30,000 lumens for commercial areas~~ **post-top style configuration with illuminance be Light Emitting Diode (LED) fixture, a range of 3k to**

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4k color correction tint (CCT), 80W to 100W power input rated driver with comparable lumen output with a minimum rating of 70 color rendering index (CRI) for residential areas or cobra-head style configuration with illuminance be Light Emitting Diode (LED) fixture, a range of 4k to 5k color correction time (CCT), 160W to 190W power input rated driver with comparable lumen output with a minimum of 70 color correction index (CRI) for commercial areas.

3. All streetlights shall be on city streets or parking areas.

END



City of Osage Beach

Streetlight Installation/Acceptance Informational Packet

Chapter 510, Article III – [Sections 510.180 – 510.210](#) outlines the guidelines and procedures for requesting the installation of new streetlights or acceptance of existing streetlights, summarized as follows:

- Petitions for a **NEW** streetlight to be installed or an **ACCEPTANCE** of an existing streetlight shall be submitted to the City Clerk.
- The streetlight shall:
 - Be located within the City limits, on a City (Public) Street;
 - Serve at least four (4) residents (for residential requests) or two (2) businesses (if commercial request);
 - Be requested by at least sixty-six percent (66%) of the owners within the location area requested;
 - Be installed and inspected in accordance with [Chapter 410](#) of the City of Osage Beach Municipal Code of Ordinances;
 - Be recommended by the Police Chief based on pedestrian traffic, vehicular accidents, and/or incidents of crime.
- For acceptance of existing streetlights and accessories, sufficient proof of legal ownership shall be provided for transfer to the City.
- Streetlight design, location, and installation specifics are outlined in [Chapter 410](#) and in the City's Design Standards, [Section 7-Streetlights](#).
- Petitions are to be reviewed and recommended by the City Administrator, Public Works Director, Police Chief, and City Planner; and approved by the Board of Aldermen.



City of Osage Beach
Petition to Install New Streetlight(s)

We the undersigned property owners, who represent a minimum of 66% of the property owners on _____, which is a public street, do hereby petition the Osage Beach Board of Aldermen to add into the City inventory a streetlight(s) at the following location(s): _____.

We the undersigned understand the Board of Aldermen may choose not to install and accept into the City inventory or may require additional information; improvements; or actions by the petitioners. Petitioners understand there are minimum requirements as set forth in City Code [Chapter 410](#) and City Design Guidelines [Section 7](#), which must be met prior to the Board of Aldermen considering acceptance.

PRINTED NAME

STREET ADDRESS

SIGNATURE

DATE

RETURN COMPLETED FORM TO:

Osage Beach City Clerk, 1000 City Parkway, Osage Beach, MO 65065

For Office Use Only: Date Rec'd _____ Rec'd By _____

Review & Approved: PC _____ CP _____ PW _____ CA _____ Date Approved by Board of Aldermen: _____