



The Most
Livable City
in America



Community Meeting LED Street Light Study

March 2017

AGENDA

- Overview of LED Street Light Study
- Benefits of LEDs
- Timeline for study
- Test Areas
- Resident Input
- How Resident Input Will Be Used
- Questions

Overview of LED Street Light Study

- Test of different LED street light bulbs to gather resident feedback
- 3 neighborhoods
- 6 different LED bulbs in newer lanterns
- 8 different LED bulbs in older-style lanterns being retrofitted
- March to Mid-May 2017



Benefits of LEDs

- Cost Savings
 - LEDs require 50% less energy
 - LEDs last longer
 - Less maintenance over time
- Environmentally Friendly
 - 50% reduction in energy use
 - LEDs do not contain mercury
 - Longer lifecycle for LEDs means less waste
- Use of LEDs for outdoor lighting is a best practice across the country

Timeline for Study

- Late February to early March – Outreach to residents in test neighborhoods
 - Host community meetings
 - Send letter to residents on test blocks
- March 13, 2017 – Begin installing test bulbs and signage in neighborhoods
- March 20 to May 17, 2017 - Gather input from residents
 - Survey available online
 - Host community events on the test blocks to answer questions and collect feedback
 - Promote study through media

*All dates are tentative and are subject to change

Test Areas

- Payne-Phalen Neighborhood (6 different bulbs)
 - Geranium, Jessamine & Magnolia Avenues between Earl & Duluth
- Hamline-Midway Neighborhood (6 different bulbs)
 - Blair Avenue between Hamline and Lexington and Van Buren Avenue between Hamline and Griggs
- Lex-Ham Neighborhood (8 different bulbs)
 - Portland, Laurel and Hague Avenues between Lexington and Griggs

Resident Input

- Paper and online survey with ability to take on mobile phone
- From March 20 to May 17, 2017
- Feedback on a number of different factors about the test bulbs including:
 - Brightness of light
 - Evenness of light
 - Glare
 - Perception of colors in the light
 - Overall like/dislike of each test bulb
- Distinguish between residents living along test blocks and residents visiting area to provide input

How Resident Input will be used

- Not a vote on which bulb/system the city will use going forward
- To inform the City's decisions about LED light bulbs
- To help the City select bulb characteristics that are important to residents
- City's decision will also factor in cost, availability and durability of bulbs

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