

Avery Park Neighborhood

Fort Collins Utilities Streetlight Overview

Who We Are

- Janet McTague – Project Engineering Supervisor
- Todd Vedder – Electric Utility Project Manager
- Luke Unruh – Electric Utility Project Manager
- Jim Spaulding – Electric Utility Project Manager
- Lisa Gardner – Senior Communications & Marketing Specialist
- Adam Bromley – Senior Electrical Engineer

Overview

- Discuss **current** residential **streetlighting standards**
 - What type of fixture Light & Power currently uses
 - Light distribution
 - Spacing requirements
- **Proposed** streetlighting **improvement locations**
 - General requirements for additional lighting
- **Installation policies** and **procedures**
- Next Steps

Street Light Standards

- Published in **Larimer County Urban Area Street Standards** (LCUASS)
- Repealed and Reenacted April 1, 2007
- **Chapter 15 – Streetlighting**
 - **Purpose** – “Illuminate public traveled ways to a level that provides for the safe passage of public traffic, both vehicular and pedestrian.”
(LCUASS p. 15-1)
 - Old English Fixture – Fort Collins
 - Used for residential streetlighting

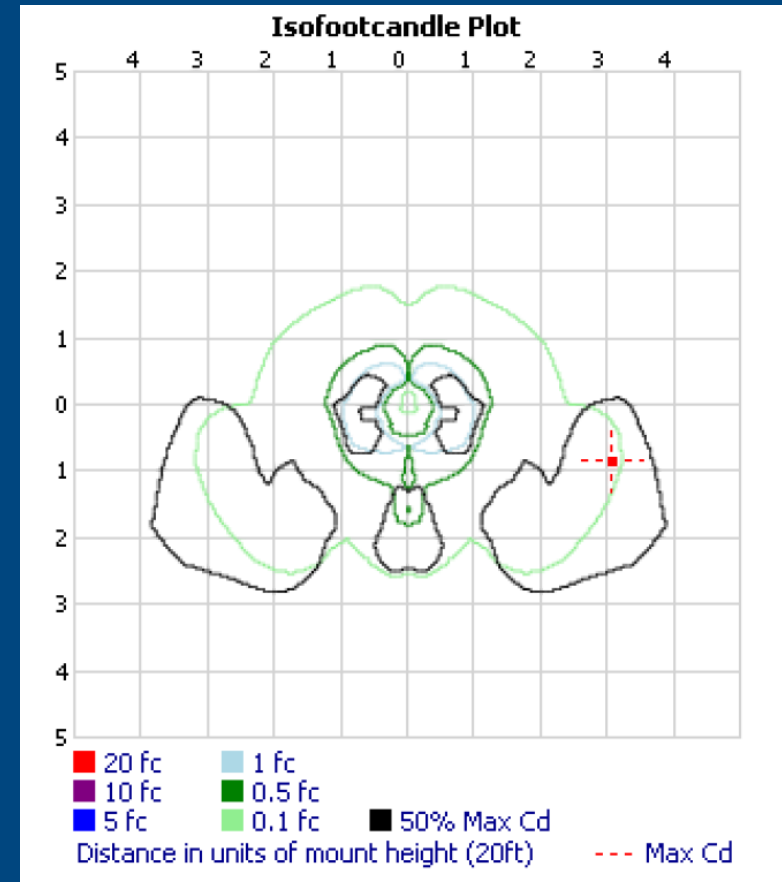
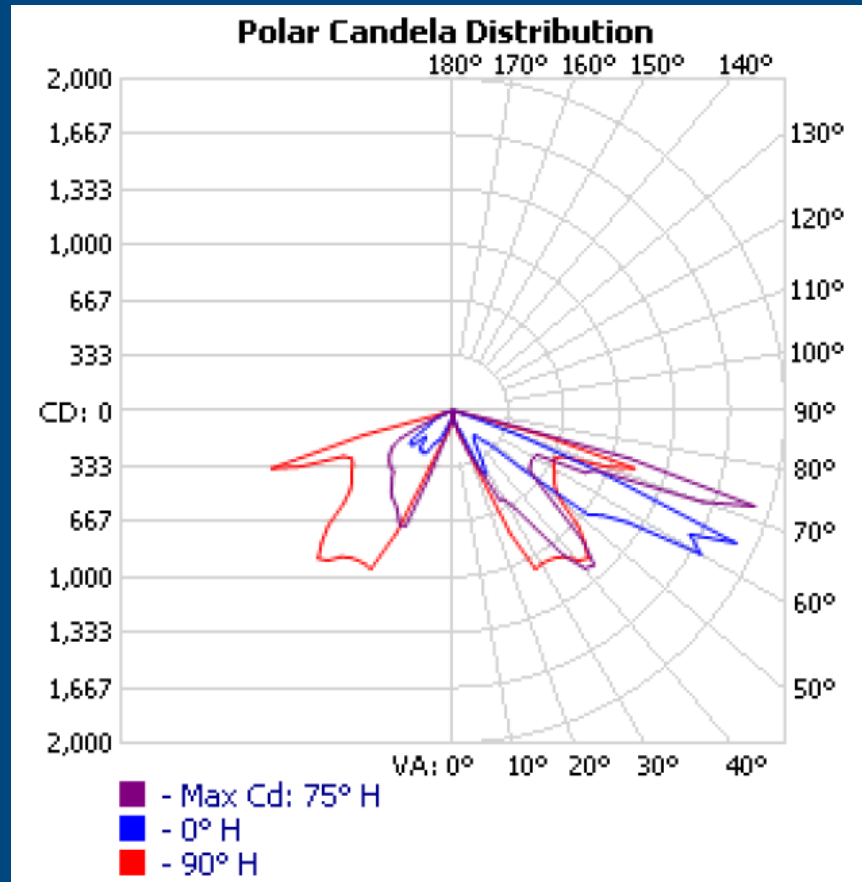
Old English Fixture



Specifications

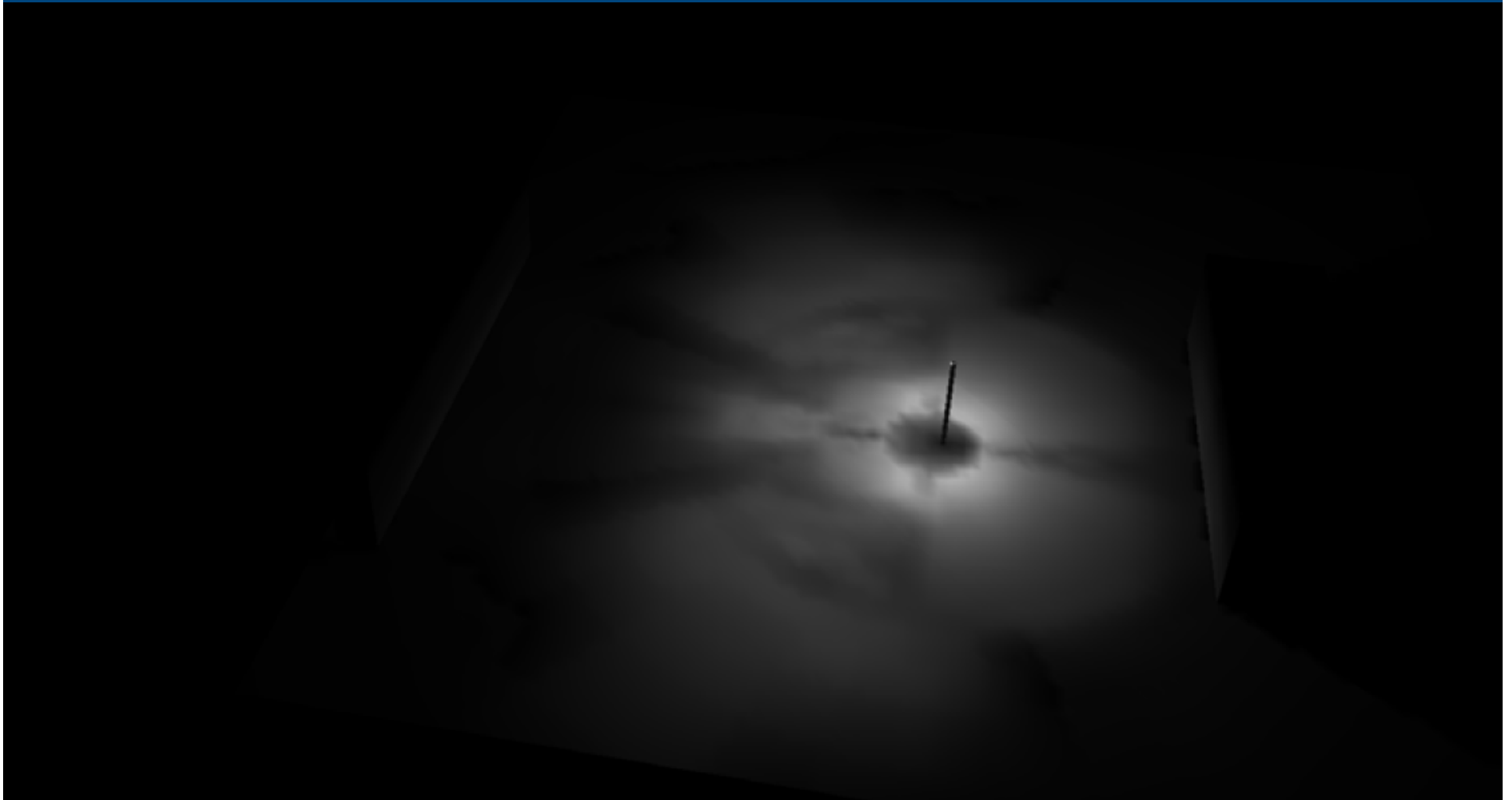
- 70-Watt High Pressure Sodium
- 120 V
- Type III distribution
- Full cut-off optics

70-Watt HPS Light Distribution



Light Simulation

- 200' x 200' area with obstacles spaced 50' behind and 90' in front



Spacing Requirements

“Local residential streets shall have **one light at each intersection**. If the intersection lights would exceed 320 feet apart on a straight street, **mid-block lights shall be added so lights do not exceed 320 feet spacing**. If the street has a curve, judgment shall be used to reduce the spacing to less than 320 feet.”
(LCUASS p. 15-5)

Installation Policies & Procedures

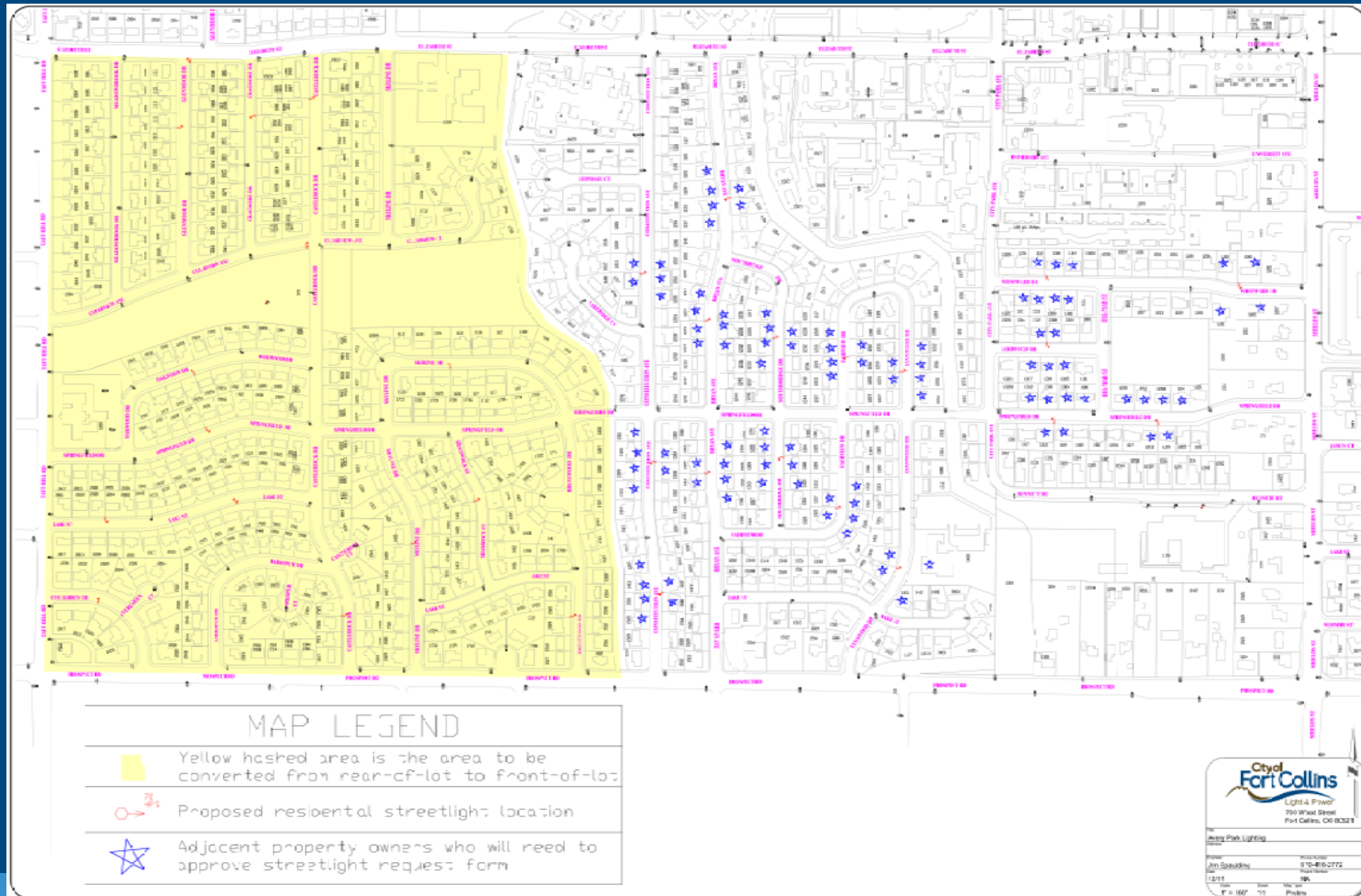
- **Three** general types of **requirements** for **adding streetlights**
 - New construction
 - Customer initiated
 - Upgrade to aging infrastructure

Installation Policies & Procedures

- Three general types of requirements for adding streetlights
 - New construction
 - **Customer initiated**
 - **Upgrade to aging infrastructure**

The proposed locations of new lights were initiated from these requirements in the Avery Park area

Avery Park Neighborhood



Conversion Area



Reasons for conversion

- Reliability
- Maintenance
- Safety

Circumscribed by
Prospect, Taft Hill,
Elizabeth and ditch

Neighborhood Approval Area



- Reason for additional lighting
- Current lighting does not meet current residential lighting standards
 - Residents would like additional lighting

Circumscribed by
Prospect, Constitution,
Elizabeth and Shields

Conversion Area

Next Steps

- City objectives
 - Coordination between Streets, Light & Power, and Planning
 - Neighborhood outreach and engagement activities
- Light & Power is approved for construction
 - Currently in design phase (early March)
- Planning
 - Awaiting City Council adoption (mid-March)

Neighborhood Approval Area

Next Steps

- If not in attendance tonight, a letter of approval will be mailed to property owners
- Requirements from property owners
 - Sign and check box stating “I approve” or “I disapprove”
 - 30 days to respond
 - **No response is considered “I approve”**
 - A follow-up letter will be mailed after 15 days
- After approval forms are collected, construction will commence as time becomes available



Thank You For Coming!