



MEMORANDUM

TO: Mayor Laurel Lunt Prussing and Members of the City Council
FROM: William R. Gray, Public Works Director
DATE: November 19, 2007
RE: University District Lighting Project Concept

The City of Urbana has in its ten year Capital Improvement Plan (CIP) a plan to replace the obsolete series street lighting on campus. The area slated for replacement lighting is bound by Lincoln Avenue, Nevada Street, Mathews Street, and Springfield Avenue. Replacement parts to maintain the system are no longer available and the circuits are subject to frequent outages.

Funding for the lighting replacement is proposed to come from the Motor Vehicle Parking System (MVPS), which is funded by parking meter revenues collected in this area. The University of Illinois is also expected to cost share 50% of the engineering and construction costs. In addition, the City successfully received a Highway Safety Improvement Program (HSIP) grant this year in the amount of \$900,000 for improvements along Goodwin Avenue between Gregory Drive and Clark Street which includes replacing the lighting. This project is slated for 2009.

With this lighting project information, the key question is with what do we replace the University District lighting? One of the key goals of the Campus Area Transportation Study (CATS) Committee is to improve public safety for pedestrians, bicyclists, transit, and motorists. Unfortunately, crime and some vehicle/pedestrian accidents resulting in fatalities and serious pedestrian injuries have occurred at night, so lighting is an important component for public safety in the University District. The CATS Committee has also incorporated a unifying concept that infrastructure and policies be consistent across the boundaries of the cities and the university. Some recent implemented examples of this approach in the University District include: consistent speed limits (25 mph), street name signage, pavement markings and striping, parking meter rates, complete street designs, etc. Toward this end, the CATS Committee has discussed and formed a subcommittee to explore a street light pole and fixture design for the University District. The subcommittee has met on three occasions and is recommending a pole and fixture design similar to what exists on Green Street west of Wright Street in Champaign. The subcommittee is also utilizing the expertise of Burtness Engineering Services to assist in the identification of suppliers of the pole and fixture that would yield the least cost to the cities and university. To replace all the light poles in the University District (over 1000 poles) is expected to take at least ten years.

Attached please find a concept plan that shows the street light pole and fixture proposed. Included in the attachment are some before and after photos to help visualize what this will look like.

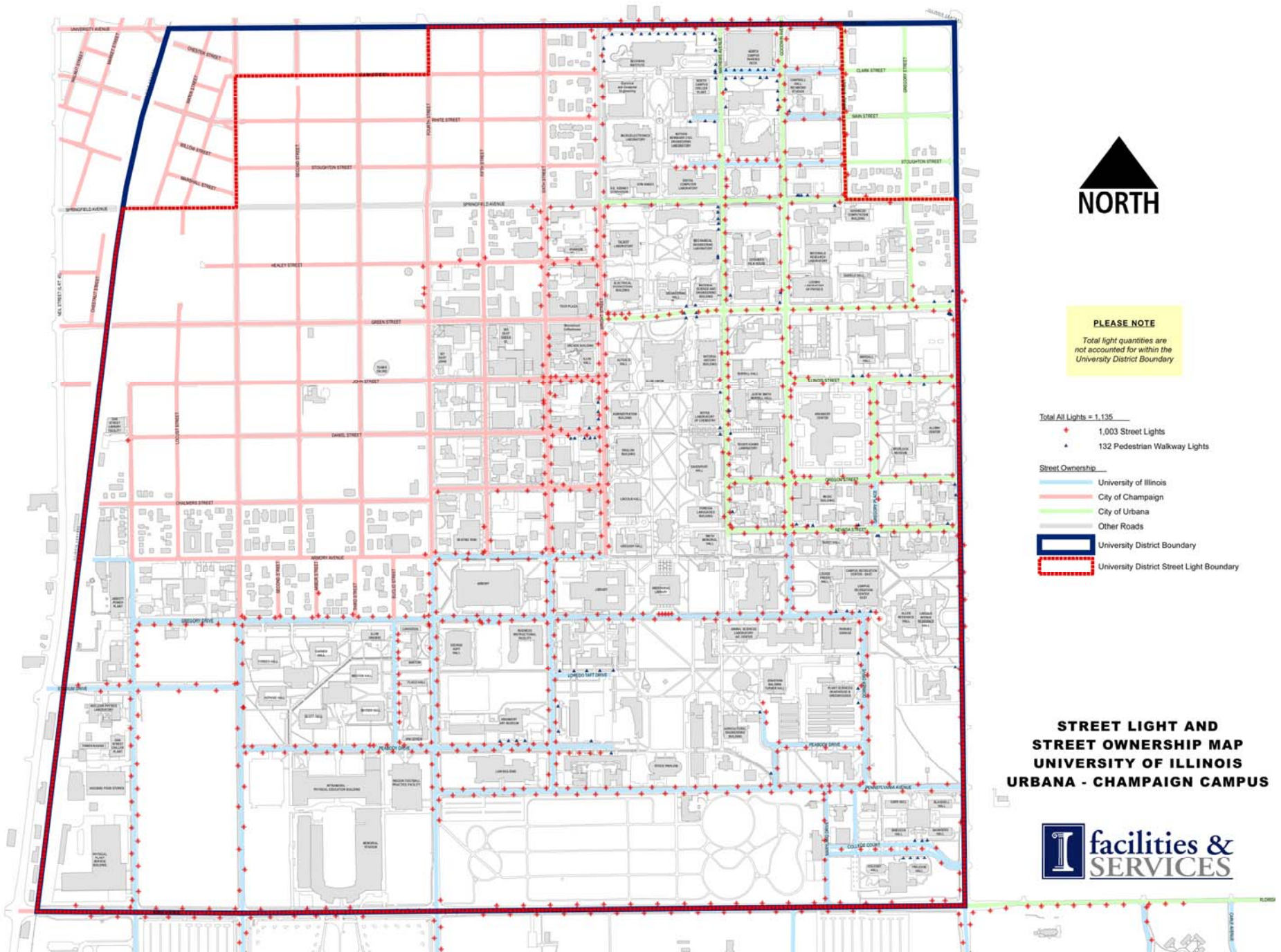
Before the CATS lighting subcommittee proceeds much further, staff would like to receive concurrence from the City Council via a motion to proceed with this street light pole and fixture concept that would unify the look of campus in the University District. If this is not the direction the City Council desires, staff seeks such clarification.

University of Illinois at Urbana-Champaign

University District Lighting Project Concept

November 1, 2007





PLEASE NOTE
 Total light quantities are not accounted for within the University District Boundary

Total All Lights = 1,135
 ♦ 1,003 Street Lights
 ▲ 132 Pedestrian Walkway Lights

- Street Ownership**
- University of Illinois
 - City of Champaign
 - City of Urbana
 - Other Roads
- Boundaries**
- University District Boundary
 - University District Street Light Boundary

**STREET LIGHT AND STREET OWNERSHIP MAP
 UNIVERSITY OF ILLINOIS
 URBANA - CHAMPAIGN CAMPUS**





Existing – Street Lights down Green Street



Existing – Gregory Avenue Street Lights



Proposed – Gregory Avenue Street Lights



Existing – Goodwin Avenue Street Lights



Proposed – Goodwin Avenue Street Lights



Existing– Wright Street Lights



Proposed– Wright Street Lights with Existing Path Lights



Existing – Sixth Street Lights

Facilities & Services
University of Illinois at Urbana-Champaign

