

TRAFFIC SIGNALS AND EMERGENCY BEACONS

Standardized Components: After the installation, the U of I is responsible for the upkeep of signals and beacons on campus. For the most cost-effective maintenance, the components of various signals and beacons shall match. That is, the U of I maintained traffic signals shall use the same components as other U of I maintained traffic signals, and U of I maintained emergency beacons shall use the same components as other U of I maintained emergency beacons.

Component Details: 12 inch LEDs are preferred lights. A recent installation of signals at a U of I intersection was at the corner of Sixth Street and Armory Avenue in 2009. See *Section 34 41 13 – Traffic Signals* for component details.

Design: The design of traffic signals shall comply with the current revision of the *Illinois Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD)*, also published by IDOT. This publication is included by reference in the Illinois Compiled Statutes and therefore holds legal authority. They shall also comply with any requirements set by the City.

Documentation: The power source for traffic signals must be documented within the control box for that signal.

Coordination with Non - U of I Agencies: Not all streets and associated right-of-ways on campus are owned by the U of I. In some cases the City of Champaign, the City of Urbana, the Illinois Department of Transportation (IDOT), or other units of government own rights-of-way within the campus. Large-scale transportation projects, including traffic signal installations, on the Urbana campus shall be reviewed by the Champaign-Urbana Urbanized Area Transportation Study (CUUATS), the transportation arm of the Champaign County Regional Planning Commission, which is the

Metropolitan Planning Organization (MPO) for Champaign County. F&S Transportation Demand Management is the liaison between the U of I and CUUATS.

Ownership of Right-of-Way/Easements: Some streets and rights-of-way that are owned by the U of I may be encumbered with utility or other easements that may affect project sites and construction. Project designers shall consult U of I records (for example, those available through F&S Planning Resources) and any appropriate non - U of I records to determine ownership of right-of-way.

Negotiation: Each project that impacts a non - U of I owned right-of-way requires that negotiations take place with the respective jurisdiction in order to achieve the necessary licensing agreement(s). A construction permit from each jurisdiction is also required prior to commencement of construction activities. Projects that involve streets that are also state routes require the involvement of IDOT.

Crosswalks and Bike Crossings: Crosswalk signage and markings shall comply with the *University District Crosswalk Markings and Signage* guidelines established by CUUATS. All other signage and markings shall comply with the current revision of the *Illinois MUTCD*.

Additional Information: For additional information regarding any of the items addressed above, the *American Association of Street and Transportation Officials* can be contacted. The F&S Transportation Demand Management department may also be contacted via the U of I Project Representative.

Documentation and Submittals: The AE shall review the *Project Submittal Requirements*.