

COOK COUNTY TRAFFIC SIGNAL AND ELECTRIC ENGINEERING DESIGN FOR VARIOUS LOCATIONS

CLIENT:

Christopher B. Burke Engineering, Ltd.

CONTACT:

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(847)823-0500

CONTRACT:

Cook County Transportation Department 12-88-366
Total Contract: \$300,000

PROJECT PURPOSE:

- Optimization of Signal Coordination and Timing (SCAT)
 - Monitoring of Closed Loop Signal Systems
 - Preparation of Traffic Signal Studies and Designs
 - Preparation and Review of Lighting and Electrical Plans
 - Assist Electrical and Mechanical Maintenance
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DAMA included in Cook County Department of Transportation and Highways Contract 12-88-366 to contribute to the Traffic Signal, Data Collection, and Signal Timing Analysis portions of the contract.

The firm's experience and skills in traffic analysis and signal design will be applied to Closed Loop Signal System installations to monitor existing signal timings and adjust timings for roadway construction and improvement projects. DAMA will develop plans to optimize signal timings to improve their responsiveness to traffic conditions.

DAMA will also prepare studies for traffic signal warrants, traffic signal installation and modification plans, and overall signal system interconnection plans.