Welcome KYSITE Members and Guests
Traffic Engineering Organization

Division of Traffic Engineering

Traffic Signals and TMC Operations

New Development and Streetlighting

Signs and Neighborhood Traffic Management
Traffic Signals, TMC and Signal Operations

Steven W. Cummins, P.E.
Traffic Signal Systems Manager
TMC Operations
Traffic Information

- 27 radio and 4 TV stations receive reports
- GTV3 – 90,000 viewers on cable
- CrossTown Traffic
- Traffic Hotline
- Internet
- 511/CARS updates
Traffic Operations Strategy

- Dual Red Traffic Signals
- Flashing Yellow Arrow Traffic Signals
- 2070 Traffic Signal Controllers
- Variable Left Turn Traffic Signal Phasing
- Expanded Fiber Optic Communication
- Expanded Traffic Monitoring Cameras coverage area
- Expanded Use of Video Detection Technology
Operations Adjustment Center (OAC)
Signs and Neighborhood Traffic Management Program

Brad Frazier, P.E.
Traffic Engineer Manager
Duties and Responsibilities

- Signs and Proposed Roadway Markings
- Enhanced Street Name Signs
- Handicap Parking Requests
- Proposed Parking Requests
- Traffic Counting Program
- Neighborhood Traffic Management Program
- Multiway Stop Requests
- Speed Limit Reduction Requests
Signage and Work Requests

- There are approximately 60,000 traffic signs along city routes in Fayette County.
- Between 2006 and 2010 the LFUCG on average authorized the installation and replacement of 2,233 signs.
- The Section responds to 240 handicap parking requests per year.
- During the same timeframe, this section completes on average 1,572 work orders and 700 LexCall requests.
Sign Fabrication
Sign Installation
Neighborhood Traffic Management Program: Speed Hump & Speed Table
Neighborhood Traffic Management Program: Speed Cushions
Data Collection

HI-STAR Traffic Counter: 33,066 hours of data collected on average
Current Projects

- Supplemental NTMP Guidelines
- Illuminated Street Name Signs
- Sign Inventory
Supplemental Guidelines

- Multiway Stops
- Vertical Traffic Calming Measures
- Speed Cushions
- Speed Tables
- Effective Selective Enforcement
Illuminated Street Name Signs

- $365,000 Grant
- 41 Intersections, 106 Signs
Sign Inventory
Sign Inventory

- 493 acres @ Cardinal Valley Neighborhood
- 207 Signs Inventoried
- 147 Non-compliant.
New Development, Streetlighting and Signal Construction

Jeff Neal, P.E.
Traffic Engineer Manager
Section at a Glance - Administration

- Issue R/W Blockage Permits
- Review Development Plans, Plats, and Site Plans for private development.
- Coordinate Street Light installations on R/W.
- Design and Permit Traffic Signal and Fiber Optic projects.
Section at a Glance - Operations

- Maintain existing infrastructure.
- Upgrade existing infrastructure.
- Install new traffic control devices.
- Contractor oversight and inspection.
- Fiber optics program for LFUCG.
- Advise design staff as necessary.
ND, SL, & Construction

• Over 1,240 lane blockage, 509 container, and 42 block party permits were issued in CY 2010.

• Installation of 631 street lights by KU agreement.

• Approved 182 development/site plans.

• Installed 34,600’ of fiber optic cable.

• Made 66 insurance recoveries.

• Coordinated and/or participated in 1 new and 27 rebuilt traffic signals in CY 2010.
Lane Blockage Permits

Generally issued 9am – 3pm weekdays

LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT
Division of Traffic Engineering
101 East One Street, Suite 300, Lexington, Kentucky 40507 / Phone: (859) 258-3838 Fax: (859) 255-2051

TEMPORARY LANE/SIDEWALK BLOCKAGE PERMIT

DATE: 3/7/2011 PERMIT NUMBER: 10311L

TRAFFIC IMPACT: MODERATE

STREET NAME: DEWEESE ST between E MAIN ST & E SHORT ST

LOCATION: Closing Deweese at Main St.

REMARKS: Streetscape

CONTRACTOR: Name: Woodall Constr.
Contact: Greg Bischoff Fax: (859) 281-6250
Phone: (859) 233-2669 Mobile: (859) 621-1363
Email: greg@woodallconstr.com

CLOSURE DATES: Monday, March 7, 2011 through Friday, March 11, 2011

HOURS OF CLOSURE: 24 hrs/day

DOING WORK FOR: LFUCG - George Milligan

The contractor shall maintain traffic at all times by applicable methods prescribed in the Manual of Uniform Traffic Control Devices (MUTCD). This permit does not preclude contractor’s responsibility to contact the Kentucky Transportation Cabinet, Department of Highways and/or the LFUCG Right-Of-Way Department for permits to work within public right-of-way.

Information contained within this permit shall be furnished to public safety departments and other interested public agencies as necessary. However, a copy of this permit shall be kept on-site as a reference for the permittee as well as to ensure compliance with the conditions of the blockage permit.

If an extension is needed, it shall be the responsibility of the contractor or permit holder to contact the Division of Traffic Engineering prior to the expiration date. If the permit is allowed to lapse, a new permit must be issued, which takes (2) business days to process.

______________________________
Division of Traffic Engineering / Title
Street Lighting
Street Lighting

### Luminaire Schedule

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Fiber Status – March 2011
Fiber Optic Installations
Special Fiber Projects
Signal Design/Permitting
New Devices
Questions ???

Dubuque, Iowa
Escondido, California
Golden, Colorado
Lexington-Fayette Urban County Government, Kentucky