Traffic Engineering 101
Monday, May 24, 2010
2:00 – 3:30 PM
Intersection Traffic Control and Photo Enforcement

Introduction
2:00 – 2:15 PM
Mrs. Jody Colvin, LADOTD Traffic Engineering Management Administrator

An overview of the MUTCD requirements regarding the installation of a traffic signal; discussion of MUTCD warrants and DOTD Engineering Design and Standards Manual (EDSM) policies set forth by the Chief Engineer.

All-Way Stop Intersections
2:15 – 2:30 PM
Mrs. Jody Colvin, LADOTD Traffic Engineering Management Administrator

When are they warranted? How is the installation/application of all-way stop control determined? MUTCD guidance on all-way stop control.

Introduction to Roundabouts
2:30 – 2:45 PM
Mr. John Broemmelsiek, FHWA Traffic Operations Engineer

What are they? Where should they be installed? How do they improve traffic? DOTD’s policy on roundabouts will be discussed as well as the cost of installation and maintenance.

Traffic Signal Intersections
2:45 – 3:00 PM
Mrs. Jody Colvin, LADOTD Traffic Engineering Management Administrator

When are they warranted and how are warrants determined? Presentation on DOTD’s signal design manual, MUTCD guidance, and EDSMs. DOTD’s process to install or upgrade traffic control devices; costs for installation/upgrade; traffic control maintenance

Traffic Signal Installation and Maintenance
3:00 – 3:15 PM
Mr. David Backstedt, District 08 Traffic Engineer

A discussion on DOTD’s Traffic Signal Inventory (TSI) is presented on its features; inspection sheets for annual maintenance; costs of signals and preventive maintenance.

Automated and Photo Enforcement
3:15 – 3:30 PM
Mr. Peter Allain, LADOTD Traffic Engineering Administrator

How does photo enforcement reduce crashes at an intersection? What type of crashes does photo enforcement prevent? Studies on crashes at intersections in Lafayette are presented as well as an overview of all legislation regarding photo enforcement since 1997.