Civil Engineering and Engineering Mechanics

Seminar Announcement
Friday,
March 4, 2016
CE 201
12:00pm – 1:00pm

CRITICAL ASPECTS AND TECHNOLOGICAL TOOLS FOR SIGNAL TIMING AND COORDINATION

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Abstract

This presentation covers some critical aspects related to signal timing and coordination. It provides new perspectives for achieving the best performance of coordinated signalized arterials. The presentation will cover the following issues: (1) how to develop signal timing plans without traffic volumes; (2) how to develop signal timing plans for long arterials of many signals; (3) how to evaluate the performance of an existing arterial and its potential improvements; (4) the effectiveness and issues of signal phasing and how to select the best phasing sequence; (5) the major challenges of field implementation and how to diagnose common problems. The presentation will also include a brief introduction to TranSync, an innovative signal timing software to demonstrate how these issues can be addressed using the software.

ALL ARE WELCOME