

Abstract Submission Form



2010 ITE Western District Annual Meeting

San Francisco, CA
June 27-30, 2010

Paper Title:

A Multi-Modal LOS Analysis Case Study – Oakland, California

Relevant Session/Topic:

Context Sensitive Solutions and Complete Streets

Author:

Name: Kamala Parks

Employer: Dowling Associates, Inc

Mailing Address:
180 Grand Avenue, Suite 250
Oakland, CA 94612

Phone #: 510-839-1742 ext 107

e-mail: kparks@dowlinginc.com

Co-authors:

Co-author 1: Mark Bowman

Co-author 2:

Abstract: 250 words maximum. Use 12 point Arial font, single space.

There is growing interest in providing transportation systems that serve all major travel modes of walking, biking, transit, and vehicles. The question of how to analyze streets for multiple user types is being addressed through the development of new tools, which in turn can lead to multi-modal level of service standards.

The Multi-Modal Level of Service Analysis for Urban Streets (MMLOS) method was developed for the National Cooperative Highway Research Program (NCHRP). This interactive tool analyzes how well an urban street serves its pedestrians, bicyclists, transit passengers, and motorists. It is anticipated that this analysis tool will be included in the upcoming 2010 *Highway Capacity Manual*.

A community-based transportation plan focused around a roughly one-mile stretch of Oakland Avenue-Harrison Street in Oakland, California was the Project chosen to test the MMLOS method. The streets are mostly residential to the north and commercial to the south. Oakland Avenue and Harrison Street are one-way couplets for a significant portion of the study area, connecting I-580 freeway ramps to downtown Oakland.

The Project incorporates elements to transform this automobile-oriented corridor into a street that is designed to encourage use by all major modes of travel. This paper/presentation will summarize analysis results using the MMLOS method for Existing (no project) and Existing plus Project, and will discuss how accurately these results match user perceptions.

Abstracts are due by 5:00pm on Monday, January 4, 2010.

e-mail your abstracts to:

Amit Kothari, P.E., (Technical Chair)
San Francisco Municipal Transportation Agency
e-mail: amit.kothari@sfmta.com
Ph. (415) 701-4462

In your e-mail, the *Subject Line* must read "2010Abstract-Author's Last Name" For example, a submittal by Mr. Smith would have a *Subject Line* "2010Abstract-Smith". The file name for the attached abstract would also be the same "2010Abstract-Smith.doc" or "2010Abstract-Smith.pdf".