

Abstract Submission Form



2010 ITE Western District Annual Meeting

San Francisco, CA
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Paper Title:

City-Wide 4D and Policy-Based Trip Reduction Forecasting: Three New Case Studies

Relevant Session/Topic:

GHG Emission Reduction Strategies; Travel Models and Microsimulation

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

Local jurisdictions must frequently turn to a wide array of transportation mitigation and improvement strategies, supplementing traditional capital improvements and transit projects, when planning future circulation systems. Three recently-developed, ground-breaking projects demonstrate enhancements that allow forecasting tools to capture the effects of land use and policy initiatives on transportation and traffic congestion. These include the effects of potential development patterns, urban design factors, alternative transportation network, parking management, and Travel Demand Management (TDM) programs.

This paper, based on three case studies, documents two key innovative components that are specifically intended to analyze the broadest circulation-related goals, policies, and objectives included in transportation plans for Santa Barbara, Santa Monica, and West Hollywood: the first component focuses on the built environment (the 4D process, which includes an analysis of density, diversity, design, and destinations associated with the built environment), and the second component focuses on transportation-related policies (policy-based trip reduction strategies such as TDM).

Presented in narrative ideal for both practitioners and those less interested in technical details, the paper describes both the empirical research and analytical framework employed by each jurisdiction. The audience will understand how transportation network improvements, changes in the built environment, and policy-based trip reduction strategies can be combined to inform decision-makers on the consequences of their plans and programs. The numeric magnitude of trip reduction strategies will be clearly documented, moving the discussion from the subjective to the defensible.



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

e-mail your abstracts to:

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