

# Abstract Submission Form



## 2010 ITE Western District Annual Meeting

San Francisco, CA  
June 27-30, 2010

Paper Title:

Transportation Strategies to Reduce Greenhouse Gas Emissions As Developed for the City of Irvine

Relevant Session/Topic:

Green House Gas Emission Reduction Strategies

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

A key issue facing Traffic Engineers is how to address the issue of Greenhouse Gas Reductions. While there are many examples of potential strategies offered that may accomplish this goal, there are limited examples of how best to quantify the effects of these reduction strategies. Additionally, there are even fewer examples of approaches to monitor and evaluate the effectiveness of these reduction strategies over time. This paper will discuss our experience in preparing emission reduction strategies in the context of the City of Irvine Climate Action Plan. Specific items that will be addressed include a listing of potential strategies developed for the City of Irvine, their anticipated reductions, the documentation related to this reduction, and the linkage between the strategy and ongoing monitoring that will be conducted by the City of Irvine as part of an Implementation Plan and Monitoring and Verification Plan.

Specific strategies developed for the City of Irvine that will be presented include:

- Promoting Compact Development
- Revising Parking Standards and Policies
- Increase Access to Public Transit
- Reducing Congestion
- Promoting Bicycle Use for Commuting and Recreation
- Encouraging Alternative Travel Modes

For each of the emission reduction strategies, the following information will be presented:

- The proposed GHG reduction
- The documentary evidence to support the reduction
- The implementing party

We anticipate that this information will be invaluable to traffic engineers who have been and will be asked to develop and support emission reduction strategies related to transportation.



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

e-mail your abstracts to:

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