

Planning, Policy,  
and Programming

**MAY 2019**

**Project Title:**  
UCLA Institute of Transportation Studies  
Technology Transfer Program

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## UCLA Institute of Transportation Studies Technology Transfer Program

To support the UCLA Institute of Transportation Studies UCTC (University of California Transportation Center) technology transfer program for the benefit of the University of California, Caltrans, and transportation stakeholders and partners.

### WHAT IS THE NEED?

This task was designed to support the UCLA Institute of Transportation Studies (ITS) technology transfer program in order to bolster and improve the outreach potential of both UCLA and Caltrans to transportation partners and stakeholders.

### WHAT WAS OUR GOAL?

The goal of this project was (i) to develop a pedestrian exposure model for intersections on the state highway system, (ii) enhance the network screening approaches for pedestrian HCCLs and (iii) enhance the pedestrian safety monitoring (PSMR) tool used to conduct the network screening for pedestrian crashes.

### WHAT DID WE DO?

During the contract term, Caltrans funding contribution helped to promote and support the following ITS activities:

- UCLA Lake Arrowhead Symposium on the Transportation - Land Use Environment Connection. The unique signature of this series was its balance of both scholarly and practice-oriented presentations and ideological perspectives.
- The ACCESS Magazine Website Update. This activity included publishing all past ACCESS issues to its new website, [accessmagazine.org](http://accessmagazine.org), using more up-to-date web design standards and allowing for more utilization of social media and Google analytics to track and enhance reach. The archive includes search features by author, topic, and publication issue.
- Originally funded by LA County Metro and the Southern



Caltrans provides a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability.

California Association of Governments (SCAG), the Bicycle Data Clearinghouse is the go-to website for Southern California bicycle and pedestrian counts. This information enables Caltrans to evaluate its investments in active transportation, to understand how activity is distributed throughout that state, and to gain a better understanding of behavior and safety for these modes.

- Downtown Los Angeles Event on Transportation. The eighth annual downtown event followed three highly-successful Complete Streets-themed events, followed by the 2014 event of Digital Cities: Smarter Transportation.
- Lecture Series and Webcast. Each year the UCLA Institute of Transportation Studies organizes a Transportation Lecture Series in which speakers from widely varying backgrounds are invited to the UCLA campus and to venues around Southern California to speak to students, faculty, and transportation professionals.

## WHAT WAS THE OUTCOME?

Among the numerous examples of outreach programs that UCLA's ITS program developed and accomplished with Caltrans as key partner (as noted in this document), was the 2015 Arrowhead Symposium: "Planning for Change, from Fragile to Agile", held on October 18-20, 2015, which included a variety of speakers including Garth Hopkins, then from Caltrans' Division of Transportation Planning (DOT P) and Steven Cliff, who was then the Caltrans Assistant Director of Sustainability. Other speakers at the conference included those from the public and private sectors as well as academia.

The symposium was a great success. Caltrans' participation in this event underscored the Department's Strategic Management Plan (2015-

2020) goal of Organizational Excellence, which states: "Our new Mission calls for a focus on better communication methods and earlier stakeholder involvement. Through organizational excellence, Caltrans will improve collaborative partnerships with agencies, industries, municipalities, and tribal governments, building relationships with these partners to gain efficiencies. We are working with our partners to gain a new understanding and better focus on common objectives as we move forward". This partnership with UCLA's ITS program was an excellent example of achieving both the goal of this task along with supporting Caltrans' strategic management initiative.

## WHAT IS THE BENEFIT?

The UCLA Institute of Transportation Studies (ITS) conducts research and community outreach projects that further the goal of Caltrans to provide excellence in public transportation for California. ITS studies the use and usability of transportation systems and provides Caltrans with data that have profound implications for future policy, growth, and improvement. This information is then disseminated to local community members, politicians, students, and faculty across California through events and publications. Project such as this will help expand the Department's partnership reach and help our stakeholders work to find solutions to the mobility and accessibility problems of today and tomorrow.

**IMAGES**



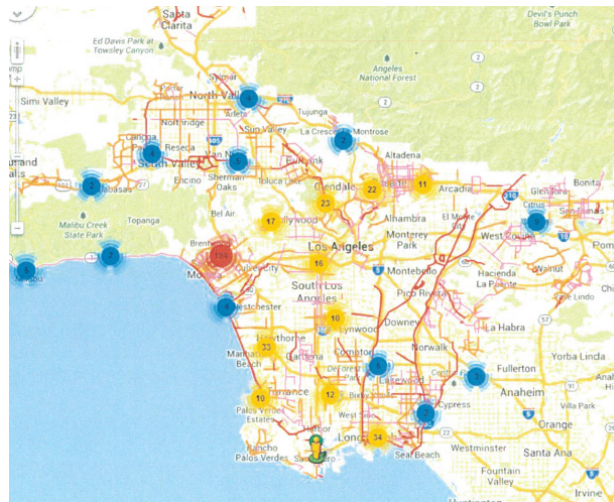
**FIGURE 1: UCLA Lake Arrowhead Symposium on the Transportation - Land Use - Environment Connection**



**FIGURE 2: Bike Data Cleaninghouse Website ([www.bikecounts.luskin.ucla.edu](http://www.bikecounts.luskin.ucla.edu))**



**FIGURE 3: LADOT General Manager Seleta Reynolds and NYCDOT Deputy Commissioner Ryan Russo at the downtown LA Event on Transportation**



**Figure 4: Los Angeles Metro CEO Phillip Washington and US DOT Secretary Anthony Foxx at the evening companion event to the Downtown Los Angeles Event on Transportation**

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