

ASCE Orange County Branch Sustainability Seminar: Greenroads & the City of Santa Ana's Bristol Street Bronze-Certified Project

**Tuesday, April 14, 2015
11:30 AM – 1:00 PM**

ASCE American Society
of Civil Engineers



The American Society of Civil Engineers Orange County Branch Sustainability Committee invites you to attend our upcoming seminar.

Speakers

Mindy Ly, P.E. | Senior Civil Engineer / Project Manager, City of Santa Ana
Ehab Elias, P.E. | Assistant Civil Engineer II, City of Santa Ana

Abstract

The Bristol Street Improvements and Widening in the City of Santa Ana is a multi-phased \$225 million project that updates the existing Bristol Street corridor from a 4-lane to a 6-lane arterial. The project also adds bike-lanes, bus pullouts, vegetated median, widened and upgraded sidewalk facilities. Phase II—which was awarded a Greenroads Bronze certification—includes the portion of the corridor from 3rd Street to Civic Center Drive. The project emphasized stormwater management improvements using low impact development (LID) with 15-foot wide vegetated rock swales and drought tolerant and similar dry climate species planted along the corridor. This is the first Greenroads project that demonstrates LID features in an arid climate.

This presentation will provide an overview of this pioneering project and how it achieved the required points for Greenroads certification. The speakers will also share lessons learned and suggestions for improvements on future projects. Attendees will learn about the value of pursuing Greenroads certification in the planning, design, and construction of roadway projects and how to achieve higher levels of certification. An update will also be provided on new/potential Greenroads projects in Southern California and the latest developments in the Greenroads rating system.

Location:

University of California-Irvine
UCI University Club
801 E. Peltason Dr.
Irvine, CA 92697

Lunch will be served.

Contact Sam with any questions:
Sam Ali, PE, LEED AP, ENV SP
Chair of Sustainability Committee, ASCE-OC
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714-245-4585

Registration:

via Eventbrite at
<http://goo.gl/zRCvG7>

Cost:

\$20 - Students
\$30 - Public Agencies
\$35 - ASCE Members
\$40 - Non-Members and
door fee

Visit us on the web: www.asceoc.org/committees/sustainability_committee



| Greenroads® Summary | |
|----------------------------------|-------|
| Bronze Certified | |
| Bristol Street Widening Phase II | |
| Santa Ana, CA | |
| Total Score* | 35 |
| Project Requirements | 11/11 |
| Environment & Water | 6/21 |
| Access & Equity | 14/30 |
| Construction Activities | 0/14 |
| Materials & Resources | 8/23 |
| Pavement Technologies | 7/20 |
| Custom Credits | 0/10 |

*Score does not include Project Requirements

