

Green Streets, Highways, and Development 2013

Advancing the Practice



Proceedings of
the Second
Conference on
Green Streets,
Highways, and
Development



ASCE

EDITED BY

Adjo A. Amekudzi, Ph.D.;
Sandra L. Otto, P.E.; David J. Carlson;



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GREEN STREETS, HIGHWAYS, AND DEVELOPMENT 2013

ADVANCING THE PRACTICE

PROCEEDINGS OF THE SECOND GREEN STREETS, HIGHWAYS, AND
DEVELOPMENT CONFERENCE

November 3-6, 2013
Austin, Texas

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The Transportation & Development Institute (T&DI)
of the American Society of Civil Engineers

EDITED BY
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Preface

The T&DI's first Green Streets and Highways Conference was held in Denver, Colorado in 2010. The conference was organized to respond to the rapidly growing interest and activity in sustainable transportation. Over 350 transportation and environmental professionals attended technical panels, workshops and local tours, sharing information on leading edge environmental stewardship and sustainability principles and practices. The contributions of Conference Steering Committee Co-Chairs Hal Kassoﬀ and Neil Weinstein were the foundation of this very successful and well-received conference.

Since that time the interest, knowledge and expertise in sustainable practices has expanded in our industry, leading us to a 2nd Conference on Green Streets, Highways and Development to highlight practical applications and advance the practice. The Conference brought together planners, inventors, designers, suppliers, builders, owners and operators to share their experiences, reveal innovations, and discuss sustainable practices that really work on the ground. The Austin area was an appropriate and exciting setting for the conference. Austin is truly a living laboratory, allowing for a variety of Mobile Workshops and great examples of green principles in action literally out the back door of the hotel. Special thanks go to the conference steering committee, chaired by Marsha A. Bomar, who initiated, developed and fully supported the second conference from start to end.

All papers in the proceedings were peer-reviewed. The conference received almost 100 abstracts. After initial reviews and subsequent invitations for papers, approximately 40 draft papers were received. Through a peer-review process that lasted several months, 35 papers were selected for publication. The steering and program committees as well as subject matter experts provided various types of support for the conference, including soliciting abstracts and papers, organizing sessions and presentations, and managing the peer-review process.

There were a number of volunteers who reviewed the submitted papers. The conference steering committee and the editors appreciate their valuable work. The editors thank them for their important contributions to the conference. The diligent work by committee members and other colleagues was critical for the publisher to meet the deadlines.

Lastly, we would like particularly thank ASCE and T&DI staff including T&DI Manager Andrea C. Baker, ASCE Publications Acquisitions Editor Donna Dickert and T&DI Director, Jonathan C. Esslinger, P.E., for their support of this conference.

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