

AASHTO Technical Committee on Environmental Design (TCED)

Report to
AASHTO Subcommittee on Design
Portland, Maine
June 13, 2012

Presented by
Keith Harrison, P.E.
Safety/Geometric Design Engineer
FHWA Resource Center
San Francisco, CA



TCED Membership

Region 1

Maryland

Karen Coffman

New York

Phil Bell

Pennsylvania

Dan Stewart (Chair)

Vermont

John Narowski

Region 2

Florida

Jeff Caster

Mississippi

Adam Johnson

So. Carolina

Mark Lester

W. Virginia

Greg Akers

Region 3

Indiana

Louis Feagans (Vice Chair)

Iowa

Scott Marler

Minnesota

David Larson

Indiana

Laura Hilden

Region 4

California

Keith Robinson

Hawaii

Chris Dacus

Idaho

Greg Vitley

Wyoming

Tim Stark

Other

FHWA

San Francisco, CA.

Keith Harrison (Secretary)

AASHTO Liaison – Design

Washington D.C.

Keith Platte

Keeping Members Connected

- Last face-to-face meeting Idaho, September 2008
- Online “Virtual” Business meetings bi-monthly (now quarterly) using Adobe Connect platform
 - Able to conduct routine business remotely
 - Helps members stay engaged
 - Occasional guest presentations
 - Recordings archived on AASHTO SharePoint portal for those unable to attend

Keeping Members Connected

Subcommittee on Design

AASHTO Environmental Design

Public Site | Members Only

This Site: Env

View All Site Content

Surveys

Calendar

Documents

- Strategic Planning
- Meeting Notes
- Reports to SCOD
- Visualization Guide
- Landscape Guide
- Member Directory
- Research Needs

Lists

- Recordings
- TCED Sponsored Publications

Discussions

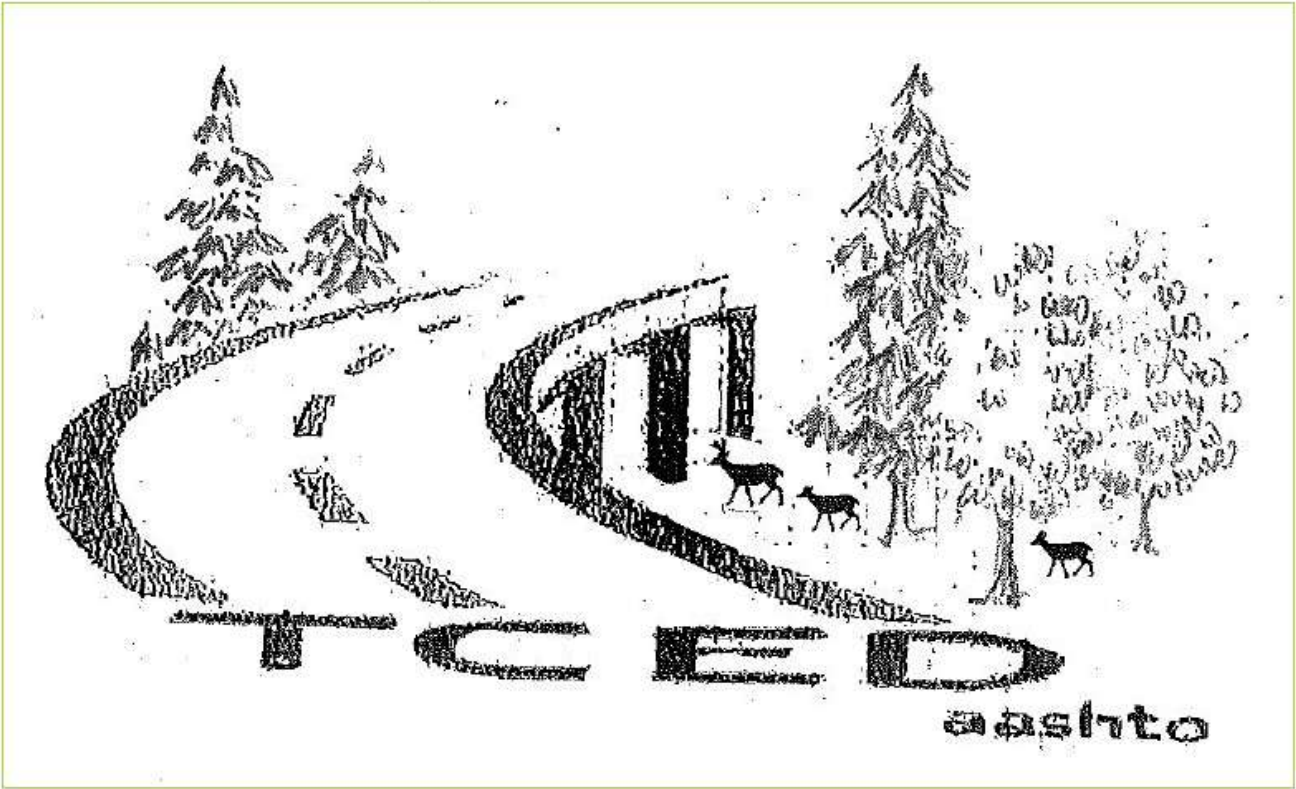
- General Discussion

Sites

- TCED Meeting WebSite
- Subcommittee on Design (SCOD) Strategic Plan
- Standing Committee on Highways (SCOH) Strategic Plan
- TRB Committee on Landscape and Environmental Design

Subcommittee on Design > Environmental Design

Technical Committee on Environmental Design



Other creative approaches to keeping members engaged and productive???

Recent Activities

- Submitted two NCHRP research proposals
 - Highway and Worker Safety and the Effects of Driver Distraction Caused by Roadside Design (CA)
 - Safety Effects of Roadside Mowing Practices (FL)
- Reviewed need to update publications
 - Most okay for now
 - Two priorities for revision
 - Visualization Guide
 - “Landscape” Guide

Visualization Guide

American Association of State Highway and Transportation Officials

Visualization in Transportation



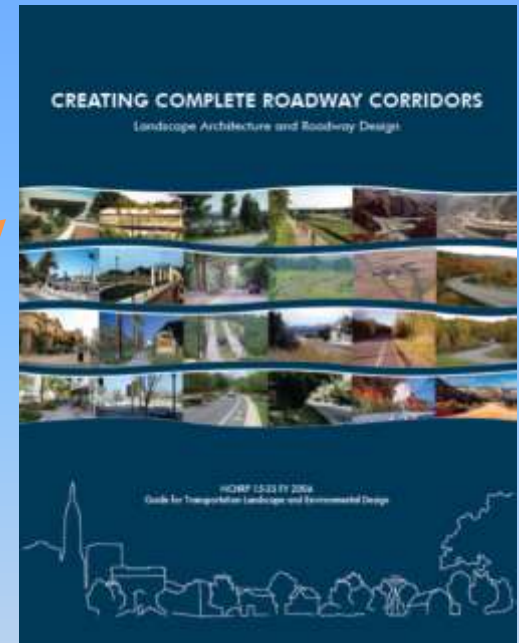
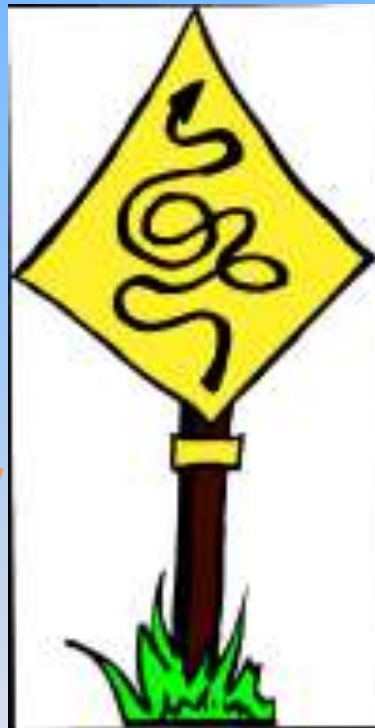
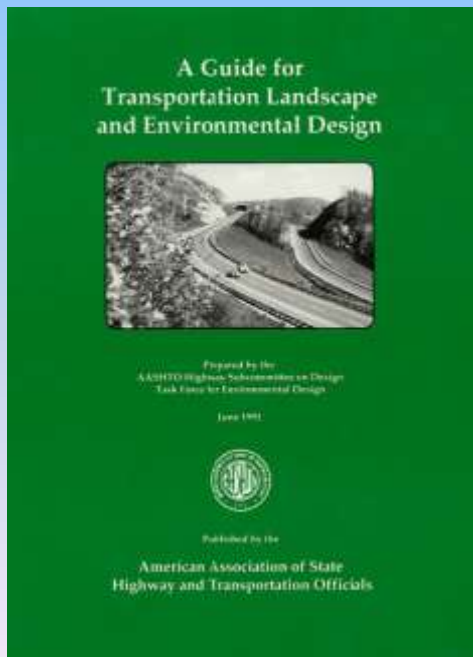
A Guide for Transportation Agencies
Revised July 2003

Prepared by the AASHTO Task Force on Environmental Design

- Core concepts addressed well
- Can't keep pace with technological advances
- Opting for a “Hybrid” approach
 - Update core concepts in traditional print format
 - Link to a “live” website for project examples and case studies
- Finalizing outline/TOC
- How to farm out the work?

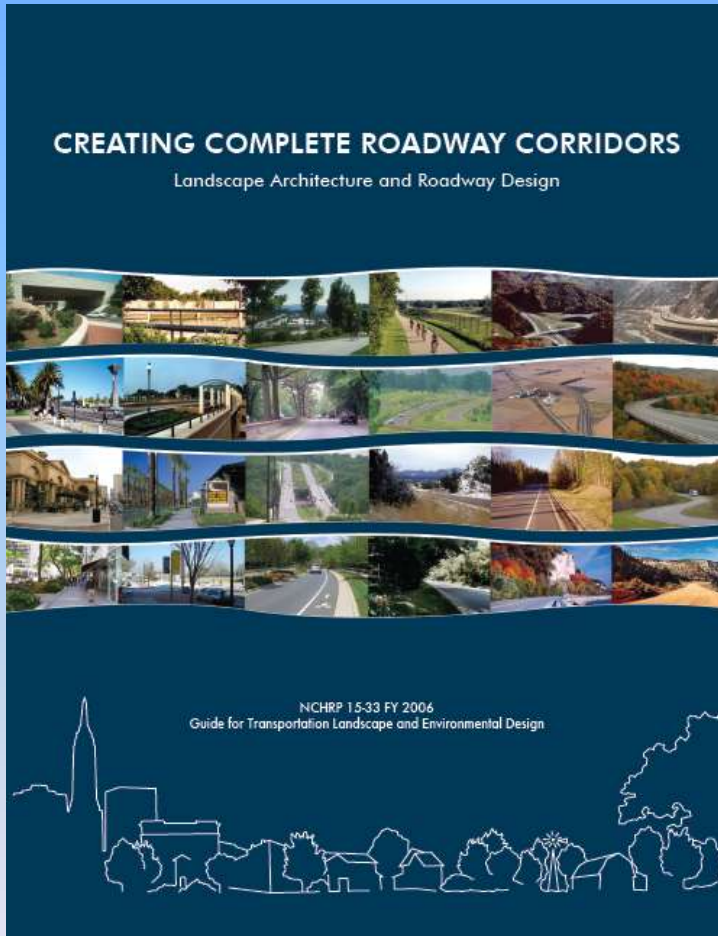
“Landscape” Guide

(1991)



(2012 ???)

“Landscape” Guide



- Now under review by TCED
- First time most members have seen a compiled version
- Previous review done piecemeal 4 years ago
- Ballots due back early August
- If not ready for prime time
 - May need support for travel
 - May seek 20-7 funding

Future Activities

- Always looking for opportunities to partner with other Technical Committees
 - Productive joint meeting with TCHH in Spring 2008
 - Sent out feelers to other TCs last year
- Time to revisit the “Bridging Document” ???
 - Consistency with new editions of GB and RDG
 - Explicit ties to HSM philosophy and methodology
 - Update Chapter 4 (e.g., NCHRP Legal Digest 57)
 - Incorporate findings from NCHRP Synthesis Task 43-05, Practical Design/Practical Solutions



Questions/Comments?

