



COLORADO

Department of Transportation

Office of the Chief Engineer

4201 East Arkansas Ave, Suite 262
Denver, CO 80222

MEMORANDUM

TO: CDOT Designers & Planners
FROM: Josh Laipply, Chief Engineer 
CC: Betsy Jacobsen
DATE: September 18th, 2014
SUBJECT: Bicycle and Pedestrian Facility Design Guidance

Multi-modal transportation is a key component to the CDOT mission of providing the best statewide transportation system possible. CDOT policy, state statute, and federal surface transportation law, place a strong emphasis on creating a system for use by persons of all ages and abilities for safe and convenient access to jobs, service, schools, and recreation. The intention of this memorandum is to express support for taking a flexible approach when designing and planning our state transportation system, and to identify resources which can be used to provide context sensitive solutions particularly related to bicycle and pedestrian accomodation.

At CDOT, we have traditionally looked to our Roadway Design Guide (Chapter 14) and the American Association of State Highway and Transportation Officials (AASHTO) bicycle and pedestrian design guides when planning and designing bicycle and pedestrian facilities. However, throughout the nation, there has been an increased emphasis on including bicycle and pedestrian accomodations as part of a multi-modal transportation network. The result has been the development of additional planning and design resources which may not be as well known, but build on the concepts such as those provided in the AASHTO and CDOT guides.

CDOT encourages the use of the following resources when planning or designing improvements to Colorado's nonmotorized transportation network:

AASHTO

- *Guide for the Planning, Design, and Operation of Pedestrian Facilities (Jul 2004, 1st Edition)*
- *Guide for the Development of Bicycle Facilities (2012, 4th Edition)*

CDOT Roadway Design Guide

- *Chapter 14 Bicycle and Pedestrian Facilities (Jan 2013, Revision 1)*

NACTO

- *Urban Streets Design Guide (2013, 1st Edition)*



- *Urban Bikeway Design Guide (2014, Second Edition)*

ITE

- *Designing Walkable Urban Thoroughfares: A Context Sensitive Approach. (2010)*

Colorado's transportation network works best when all types of users can easily and safely navigate the system. The resources listed above are just some of the publications that provide guidance into accommodating bicyclists and pedestrians.

CDOT's Bicycle/Pedestrian/Scenic Byways Section also provides annual training on non-motorized facility design, and is also here to help with your questions. Contact Ken Brubaker PE or Betsy Jacobsen, Section Manager if you have questions.

