

# Engineering Seminars

Project Number: ED-6



**TOTAL COST:** \$40,000

**LEAD AGENCY:** Marin County Department of Public Works

## PROGRAM DESCRIPTION:

The engineering seminars program offered design courses for pedestrian and bicycle facilities to design professionals in 2007 and again in 2008. Civil engineering design programs typically focus on major infrastructure design, such as for roadways, bridges, railroads, and the like. While many of the principles are the same, albeit at a smaller scale, there are distinctions applicable to the design of facilities for pedestrians and bicyclists. The training sessions consisted of two separate, multi-day courses.

The pedestrian facility course covered the following topics:

- Characteristics of traffic that influence pedestrian facility design
- Applying the concepts of universal and applicable design reference material to redesigning an existing location
- Identifying potential conflicts between pedestrians and other traffic
- Proposing design options that improve access and safety
- Design compliance with the Americans with Disabilities Act (ADA)

The bicycle facility course covered:

- Identifying common roadway and traffic conditions that affect bicyclists
- Roadways vs. shared-use paths
- Accommodating cyclists of varying abilities in the transportation network
- Identifying opportunities to accommodate bicyclists during planning, design, construction, and operational phases of a project.



*For questions, please contact Dan Dawson, Principal Transportation Planner  
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Subsequent training opportunities were offered as they became available. Topics focused on emerging trends in facility design, safety improvements, and modifications to engineering standards.

### **STATUS**

Remaining funds in the program are being used to fund webinars and other bicycle/pedestrian training sessions as they arise.

*Revised October, 2012*

