



## COURSE NUMBER

FHWA-NHI-133072A

## COURSE TITLE

### High Occupancy Vehicle (HOV) Facilities (3.5-Day)

The HOV Facilities training course will provide participants with a general appreciation and understanding of the key policies, technical, and other issues to consider in the planning, design, implementation, management, operation, and marketing of HOV facilities. HOV facilities are a proven and viable operational strategy to help move more people along congested urban and suburban routes. HOV facilities are a strategy to assist public agencies and transportation services providers to address the identified mobility, safety, productivity, environmental, and quality of life needs in metropolitan areas. In the 3.5 day course additional emphasis will be placed on the unique elements of arterial streets, the agencies and groups typically associated with arterial HOV facilities, and the various types of arterial HOV facilities and traffic signal treatments. This course will also describe typical arterial HOV lane designs and the issues likely to be encountered during the design process. The technical reference for this course is the NCHRP Report 414: HOV Systems Manual.

## OUTCOMES

Upon completion of the course, participants will be able to:

- Identify and discuss the concepts, goals and benefits of HOV facilities.
- Describe the public involvement and marketing techniques that may be appropriate in the planning, design, or operation of an HOV facility or system.
- Identify the different types of freeway and arterial HOV facilities, their operational characteristics, and the conditions where they may be successful.
- Identify the primary stakeholders involved with HOV systems along with the key policies, institutional issues, and interest to integrate into the planning, development, implementation, and operation of HOV facilities.
- Identify the major types of vehicles expected to use an HOV facility or regional system and the key operational characteristics to consider.
- Discuss the range of studies, methodologies, tools, and analysis appropriate to use in planning individual HOV facilities or a regional HOV system.
- Discuss the key roadway, operational, and enforcement issues to consider in the planning, design, and implementation phases of HOV facilities.

## TARGET AUDIENCE

Traffic engineers, transportation planners, roadway design engineers, transportation managers/supervisors, transit planners, transit managers/supervisors, and public information specialists who are involved in the planning, design, management, operations, and marketing of an HOV system. Pre-training Competencies: Individuals attending this course should have a basic understanding of traffic engineering or transportation planning principles, along with an appreciation of the elementary concepts of traffic management strategies, traffic flow theory, roadway improvement planning, project design processes, public outreach and marketing.

**TRAINING LEVEL:** Basic

**FEE:** 2013: \$550 Per Person; 2014: N/A

**LENGTH:** 3.5 DAYS (CEU: 2.1 UNITS)

**CLASS SIZE:** MINIMUM: 20; MAXIMUM: 30

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