

OPPORTUNITY



PLEASE POST OR DISTRIBUTE THIS MEMO TO YOUR EMPLOYEES

COURSE:	NHI COURSE - FREEWAY MANAGEMENT AND OPERATIONS (FORMALY FREEWAY TRAFFIC OPERATIONS)
DESCRIPTION:	<p>This course provides participants with an appreciation of the key policies, institutional issues, challenges and barriers, and technical and other issues to consider in the planning, design, implementation, management, operation, evaluation, and marketing of freeway facilities. The course is based upon the "Freeway Management and Operations Handbook," September 2003 (FHWA-OP-04-003, EDL No.: 13875). Unlike the 3-day course, which covers all of the information in the handbook, the 2-day course allows a host to tailor the course to the particular needs of the participants. The 2-day course covers 9 core sessions and 3 optional sessions selected from the following list:</p> <p>Roadway and Operational Improvements Ramp Management and Control Lane Management and Control HOV Systems Traffic Incident Management Planned Special Events Information Dissemination Information Sharing and Integrations Communication Media</p> <p>OUTCOMES: Upon completion of the course, participants will be able to:</p> <ul style="list-style-type: none">• Describe the purpose of freeway facilities and the role they serve in relation to the surface transportation system• Identify the types and causes of congestion on freeway facilities• Describe the relationship between a public agency's traffic operations program and the activities involved in managing and controlling traffic on freeway facilities• Describe the value of monitoring, evaluating, and reporting on the performance of freeway facilities• Identify the range of functions and elements of a transportation management system• List detection and surveillance techniques used to support freeway management and operations activities

	<ul style="list-style-type: none"> • Depending upon the optional sessions selected for the 2-day course, participants will be able to: • Compare the potential to improve traffic flow between roadway improvements vs. shorter-term, lower-cost, operational improvements on freeway facilities • Describe the range of ramp management and control strategies and the conditions under which they might be warranted • Describe the range of lane management and control strategies and the conditions under which they might be warranted • Describe the significance of high occupancy vehicle (HOV) lanes as a strategy for improving the performance of freeway facilities • Identify activities associated with responding to a traffic incident • List strategies for mitigating the impacts associated with planned special events • Define travel information, 511 service, pre-trip, and en-route travel condition information • Describe the significance of sharing or not sharing information and key issues to consider when establishing and maintaining an interface to electronically share information (voice, data, and video) • Identify key similarities and differences between communications alternative to meet the varied needs of freeway management and operations activities
--	--

AUDIENCE:

This course is designed for professionals engaged in any aspect of planning, design, implementation, management, evaluation, enforcement, operation, or marketing of freeway facilities and should be considered as an introductory course for individuals with limited or no experience in traffic management or freeway management. This course is also of value to individuals whose experience is concentrated in one area of freeway operations as the course exposes participants to the wide array of freeway management activities. Participants could include traffic engineers and technicians, transportation planners, roadway design engineers and technicians, construction and maintenance engineers and technicians, managers/supervisors, transit planners, traffic management center (TMC) staff, and public information specialists from public agencies, consultants and contractors, and colleges and universities.

DATE & TIME:

**FEBRUARY 6-7, 2007
8:00 a.m. to 4:30 p.m.**

LOCATION:

Mn/DOT Training & Conference Center

EDS's:

Please post attached flyer in locations of those who do not have access to GroupWise.

PREREQUISITES:

See Audience

**REGISTRATION
PROCEDURE:**

Obtain supervisory approval before registration. Register through your Employee Development Specialist (EDS).

Registrations will be accepted on **GroupWise from Employee Development Specialists only.**

EDS's, send a note to Sandy Servatius or letter only to MS 650. Confirmations will be returned on **GroupWise** to Employee Development Specialists. You are not registered until confirmations are sent.

COURSE FEE:

\$270.00 - will be paid by the Technical Certification unit for Mn/DOT personnel.

MATERIALS:

Calculator, note paper, pencils and highlighter

LODGING:

Refer to internet site: www.dot.state.mn.us/hr/trngctr/ for hotel/motel information in the vicinity of the Mn/DOT Training Center.

**CANCELLATION
PROCEDURES:**

All cancellations must be made 7 calendar days prior to the class starting date. All cancellations must be in writing by sending a letter to Mail Stop 650, fax (651/296-3811) or GroupWise note to Sandy Servatius.

Your office will be charged **\$270.00** per person for late cancellations and no shows.

**COMPENSATORY
TIME:**

Employees who are subject to overtime should note that attendance at non-assigned training is voluntary and that the total state time is not to exceed the regular scheduled work day.

**COST
ACCOUNTING:**

Mn/DOT employees shall use the following activity code on their time sheet for this class. Activity Code: **0600**

CEU's:

1.8 Units

ADDRESSEES:

Employee Development Specialists
Jim Kranig
Amr Jabr
Nick Thompson
FHWA
ECMS Helpdesk