Course Number
FHWA-NHI-137072

Course Title
Weather Responsive Traffic Management (WRTM)

‘Weather Responsive Traffic Management (WRTM)’ is a 6-hour long web-based training offered by NHI, the authoritative source in transportation training. This course provides information and guidance to transportation system managers and operators to help them effectively manage traffic flow and operations during adverse weather conditions. Various WRTM strategies are described and case studies are presented to illustrate existing best practices. Specific guidance is provided on how to choose, design, and implement WRTM strategies that are appropriate for different roadway, traffic, and weather conditions. Training materials include information and tools for traffic modeling and analysis, types and sources of traffic and weather data needed to support WRTM strategies, guidance on integrating weather and traffic data in daily operations, and procedures for performance measurement and evaluation of WRTM strategies. At the end of this course, participants will be able to define the WRTM concepts and frameworks and to describe different strategies and types of data and analytical tools available for the management of traffic during adverse weather events.

To enroll in this web-based training course, select ‘Add to Cart.’

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

• Identify and describe the range of strategies and tools offered by WRTM for effectively managing traffic operations during weather events
• Identify the benefits associated with WRTM and the situations that warrant its application
• Identify the traffic and weather data needed to support WRTM implementation, and how to obtain and use this data
• Discuss the approaches to evaluating the performance of WRTM strategies
• Describe how agencies can more proactively implement WRTM strategies as part of transportation systems management including capacity enhancement and demand management

Target Audience
Transportation systems managers and operators

Training Level: Basic

Fee: 2020: $0 Per Person; 2021: N/A

Length: 6 HOURS (CEU: .6 UNITS)

Class Size: Minimum: 0; Maximum: 0

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