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**Highway Safety & Design Engineering Instructions (HSDEI)**

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**Distribution:** Assistant Director of Program Development, Chief of Contract Administration, Consultants, Director of Operations, Director of Policy, Planning and Intermodal Development, Director of Program Development, District Administrators, District Project Managers and Technicians, Highway Safety & Design Project Managers, Local Transportation Facilities Project Managers, Maintenance Administrator, Program Development Section Managers, Structures Project Managers

**Approved:**  **Date:** 4/19/2013  
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Highway Safety and Design Program Manager

**Subject:** **Work Zone Safety & Mobility**

**Administrative Information:**

- Effective Date:** HSDEI 13 – 600 shall be effective from the date of approval.
- Superseded HSDEI:** HSDEI 13 – 600 shall supersede HSDEI 12 – 600.
- Exceptions:** Not applicable.
- Disposition of HSDEI Content:** The content of HSDEI 13 – 600 will be incorporated into a future revision to the Roadway Design Manual and/or other applicable design guidance documentation.

**Purpose:**

The Vermont Agency of Transportation’s (VTrans) work zone safety and mobility vision statement is as follows: *To provide optimum safety for workers and the traveling public while maintaining acceptable levels of mobility in an efficient environment for the contractors to complete the project work in accordance with their contracts.* The goal of HSDEI 12 – 600 is to distribute applicable guidance to VTrans design and construction personnel for their use in preparing site specific traffic control plans.

**Technical Information:**

Current and future work zone safety and mobility issues mean that transportation practitioners need to minimize and manage the work zone impacts of transportation projects. In order to meet safety and mobility needs during highway maintenance and construction, and to meet the expectations of the traveling public, it is important to systematically analyze and assess the work zone impacts of projects and take appropriate action to manage these impacts. VTrans currently utilizes two guidance documents for development and maintenance of work zones; “Work Zone Safety & Mobility Guidance Document”

and “Work Zone Safety & Mobility Guidance Document – Appendix A Temporary Traffic Control Devices.” These documents, in combination with the temporary traffic control principles presented in the “Manual on Uniform Traffic Control Devices” (MUTCD) serve to assist VTrans design and construction personnel when assessing and designing treatment alternatives for a project.

## **Implementation:**

The content of HSDEI 13 – 600 is to be implemented beginning immediately for all projects produced and or managed by VTrans.

## **Transmitted Materials:**

- “Work Zone Safety & Mobility Guidance Document”  
[http://vtransengineering.vermont.gov/sites/aot\\_program\\_development/files/documents/publications/WorkZoneSafetyMobilityGuidanceDocument.pdf](http://vtransengineering.vermont.gov/sites/aot_program_development/files/documents/publications/WorkZoneSafetyMobilityGuidanceDocument.pdf)
- “Work Zone Safety & Mobility Guidance Document – Appendix A Temporary Traffic Control Devices”  
[http://vtransengineering.vermont.gov/sites/aot\\_program\\_development/files/documents/publications/WorkZoneSafetyMobility%20Appendix%20A%20-%20Temp.%20Traffic%20Control%20Devices%209-12.pdf](http://vtransengineering.vermont.gov/sites/aot_program_development/files/documents/publications/WorkZoneSafetyMobility%20Appendix%20A%20-%20Temp.%20Traffic%20Control%20Devices%209-12.pdf)