System Operations Advisory  
SOA 2010-07  
October 12, 2010

From Jon W. Reincke, Engineer of Operations

From Jon W. Reincke, Engineer of Operations

Temporary Concrete Barrier

Numerous projects involve the deployment of temporary concrete barrier wall. The current Special Provision for Temporary Concrete Barrier (TCB), 03SP812(G), states in part the following:

TCB sections meeting NCHRP 350 crashworthy criteria and parameters as described below are allowed for use. Previously built TCB sections that meet the requirements of Standard Plan R-52 Series and subsection 922.03.E of the Standard Specifications for Construction will be allowed until December 31, 2011, with the following exception: TCB in 10 foot segments with 1/2 inch diameter galvanized wire centered steel cable end attachment either of original or retrofit installation is PROHIBITED. TCB in 10 foot segments with 1/2 inch diameter steel cable end attachment may be used if an additional 5/8 inch diameter cable is retrofitted.

All new TCB fabricated after September 1, 2006 must meet NCHRP 350 crash-worthy criteria and the parameters below.

Please note that all previously built TCB sections that meet the requirements of Standard Plan R-52 Series and subsection 922.03.E of the Standard Specifications for Construction will not be allowed after December 31, 2011. All TCB used on any federal aid or state funded project for any reason (time extensions, liquidated damages, carry-over/multi-year projects, etc.) after December 31, 2011 must meet NCHRP 350 crash worthy criteria and parameters as described in the Special Provision for Temporary Concrete Barrier as well as specific contract documents.