

System Operations Advisory

SOA 2010-07
October 12, 2010

From Jon W. Reincke, Engineer of Operations

MDOT
Division of Operations
6333 Old Lansing Road
Lansing, MI 48917
Fax/517-322-3385

Section:
System Operations &
Management (SOM)

Questions regarding this
Operations Advisory
should be directed to:

Jason Gutting,
System Operations &
Management Engineer
Phone/517-719-3467
GuttingJ@michigan.gov



jwr:jg

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.