

**New Jersey Department of Transportation**  
**CORRECTIVE ACTION NOTICE**

**CAPITAL PROGRAM SUPPORT**

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CAN No. 085

Approved: Paul F. Schneider  
Date: May 10, 2017

*PFS*

**Subject:** Suspending the use of the Tangent Guiderail Terminal X-LITE.

**Bureau(s) Affected:**

Division of Highway and Traffic Design  
Division of Construction Services & Material  
Division of Project Management  
Division of Operations

**Description of Issue(s):**

Lindsay Transportation Solutions; product X-LITE suspended for use as a Tangent Guide Rail Terminal.

**Corrective Action Plan:**

Effective immediately, the Department will suspend the use of the tangent guide rail terminal "X-LITE". The X-LITE failed the AASHTO Manual for Assessing Safety Hardware (MASH) crash tests performed by Virginia DOT where the small car and pickup truck overturned when impacting the approach end of the terminal head-on at a 5 degree angle.

This product has been removed from our Qualified Products List (QPL) for Guide Rail End Treatments, specifically "Tangent Guide Rail Terminals".

Please view the "GUIDE RAIL, END TREATMENTS (QPL)" for products that are approved for "Tangent Guide Rail Terminals" at:

<http://www.state.nj.us/transportation/eng/materials/qualified/QPLDB.shtm>. Locate the "Select a Product" pull down, then click on "GUIDE RAIL, END TREATMENTS (QPL)".

The Construction/Operations staff is hereby directed not to utilize X-LITE as a "Tangent Guide Rail Terminal" on the projects currently under construction. Specifically, on active construction projects if X-LITE terminals have not yet been installed then install the competing product on the QPL instead. An X-LITE that must be replaced due to crash damage shall be upgraded with a Tangent Guide Rail Terminal listed on the QPL.

Operations will remove any existing X-LITES (less than 10) on our NJDOT roadways and replace with the competing product on the QPL instead.

**Implementation: Immediate**

Change must be implemented on all applicable Department projects in design and/or in construction. For contracts that are currently in the bidding process and have the item "TANGENT GUIDE RAIL TERMINALS", issue an Addenda to notify bidders of this CAN.