

Terry Otterness

From: Terry Otterness
To: Robert Miller; Steve Jimenez; Mike Manthey; Dave Elack; Seth Chalmers; George Chin; Robert LaJeunesse; Hank Warner; Andrew Schellhammer; Daniel MacDonald; John Carr; William Lyons; Dan Lance; Debra Brisk; Don Dorman; 'James Glasgow'; Jeffrey Swan; John Hauskins; Richard Powers; Ron Casper; William Alfier; William J.Higgins; Don Fallang; John Melanson; Kenneth Cooper
Cc: Al Zubi; Dick Wright; Jim Dorre; Thomas Scheck; Allan Samuels
Subject: QuadGuard Wide Crash Cushion and NEAT Attenuator
Date: Thursday, January 22, 1998 4:04PM

The QuadGuard Wide Crash Cushion System has been approved for use by the Traffic Product Review Committee and the Maintenance Product Review Committee and will be placed on the Approved Product List. The QuadGuard Wide System provides for a flared or wider back of either 69" or 90" and provides us with an option where two barriers come together or diverge. The Wide System has passed NCHRP 350 Test Level 3 requirements and is a non-gating system as was the previously approved Narrow System available in 24", 30", and 36" widths.

The QuadGuard 69 and 90 for new projects is the replacement for Energy Absorption Systems previous Hex Foam Sandwich System. QuadGuard is less expensive, and easier to maintain.

The other new product that received approval is called the N-E-A-T System. It is a 3m long attenuator that sits on castors and may be placed at the end of a concrete barrier. The system meets NCHRP 350 Test Level 2 (45mph or less) and could be used with a Traffic Control Plan for low speed applications or for temporary uses.

Copies of the original approved manufacturer's drawings are being distributed to the Districts from Tom Scheck; additional copies are available to designers and District personnel upon request to Tom.

Copies of the design brochures from the Manufacturer are available through this office (limited number) for design personnel who are working on design applications. These packages are also being sent to the Districts through the supplier, Barricade and Light Rental, Inc.

It is requested that Group Managers provide this information to their project managers and consultants working in their respective areas. Thank you for your assistance in getting this information out to our users. Please call Tom Scheck or me if you need additional assistance on this item. Terry