



TRINITY INDUSTRIES, INC.

CONSTRUCTION PRODUCTS GROUP

HIGHWAY SAFETY PRODUCTS DIVISION

August 10, 2005

Mr. Richard Powers
U. S. Department of Transportation
Federal Highway Administration
400 Seventh Street, S.W. Room 3407
Washington, DC 20590

Reference: Request for FHWA Acceptance of
ET Plus Terminal for 31" high Guardrail
Per NCHRP Report 350, Level 3.

Dear Mr. Powers:

Attached for your review are the Test Reports and Crash Videos of successful full scale crash tests recently conducted by Texas Transportation Institute on ET Plus with 31" high Guardrail. We ask your approval to use the ETPlus-31 on the National Highway System.

The recommended tests were successfully conducted to assure compliance with 31" high steel strong post Barrier. With pre-test discussions and your agreement that successful Tests 3-30 and 3-35 would demonstrate the adequacy of ETPlus at a 31" height, we believe the attached Data demonstrates the crashworthiness of our ETPlus-31 Terminal.

ETPlus-31 was tested and proven to be a 37'-6" long System. Since it was attached to a strong post barrier system, we also ask your confirmation of the standard ETPlus Terminal as a 37'-6" barrier when used with standard 27" high strong post steel barrier system.

Enclosed are Two Copies of the Test Reports, a Video from various hi-speed cameras of both Tests, and a CD of all written and photographic information. Should you need additional copies of test information, please advise.

We will appreciate your prompt review and approval of the ETPlus-31 as compliant with NCHRP Report 350, Level 3.

Please address your approval letter to Steve L. Brown, President; Trinity Highway Safety Products Division, Box 568887, Dallas, Texas 75356-8887, with simultaneous copies to me (dhj3800@mac.com) and to Brian Smith, VP (brian.smith@trin.net) .

Thank you for your consideration,

A handwritten signature in black ink, appearing to read "Don H. Johnson", with a long horizontal flourish extending to the right.

Don H. Johnson
Trinity Industries, Inc.

Enclosures: