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FOR IMMEDIATE RELEASE

FHWA report confirms ET Plus® guardrail end-terminal system passed first four tests

The ET Plus® guardrail end-terminal system is a safe, effective roadside safety product—a fact now documented by a report released by the Federal Highway Administration (FHWA) confirming the unequivocal success of the first four crash tests using guardrails that represent the vast majority of the ET Plus® end-terminal system installations on U.S. roadways: those at a 27 ¾-inch height.

The report, issued by the FHWA today, provides details on the crash tests conducted in December and January by a highly respected, independent test facility, the Southwest Research Institute. With the series of tests complete, four at the 27 ¾-inch height and four at a height of 31 inches, the ET Plus® end-terminal system now stands as the most rigorously tested guardrail end terminal system in history. The official report for the tests at the 31-inch height will be publicly released after the FHWA has completed its analysis of the data.

It should be especially noted that in each of the eight tests, no guardrail speared the cabin of the vehicle, nor did any vehicle roll over—two key measures in determining success in such testing. It is equally important to note that the guardrail did not jam upon impact.

The Texas A&M Transportation Institute (TTI), which designed the technology employed in the ET Plus® end-terminal system, is pleased and proud—but not surprised—that the system did so well. The system was designed and tested to perform within the guidelines and crash test criteria established by NCHRP Report 350, which sets forth the performance evaluation criteria applicable to the ET Plus® end-terminal system and many other roadside safety devices used on U.S. highways. Manufactured by Trinity Industries in Dallas, the system has been in use in all 50 states and internationally for more than a decade.

Over the past 65 years of service, TTI has earned a reputation for its engineering excellence and commitment to highway safety. The ET Plus® end-terminal system has been a major contributor to highway safety throughout the U.S. and internationally. And the recent round of tests has demonstrated—yet again—that the ET Plus® end-terminal system is safe and effective.

For more information: <http://tti.tamu.edu/etguardrailresources/>

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