Dan,

Here is our response to your inquiry regarding the ET-Plus terminal.

On February 14, 2012, Barry Stephens and Brian Smith of Trinity Highway Products (Trinity) stated the company’s ET end terminal with the 4-inch wide guide channels was crash tested at the Texas Transportation Institute (TTI) in May 2005. Roger Bligh of TTI confirmed this information on February 14, 2012. Trinity submitted documentation on various dates of changes made to its ET end terminals, which included changes from the ET-2000 to the ET-Plus. On February 14, 2012, the company reported the reduction in the width of the guide channels from 5 inches (in the year 2000) to 4 inches (in 2005) was a design detail omitted from the documentation submitted to the Agency on August 10, 2005. On March 15, 2012, Trinity submitted a letter to FHWA dated March 14, 2011 (sic), which stated its ET-Plus with the 4-inch guide channels was crash tested at TTI in May 2005. The Trinity ET-Plus end terminal with the 4-inch guide channels is eligible for reimbursement under the Federal-Aid Highway Program under FHWA letter CC-94 of September 2, 2005.

FHWA Letter CC-94 is attached.

Regards,

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Nick,

The SCCT asked a question regarding the ET-Plus terminal for use on the NHS. Their question concerns the channel chute. In FHWA’s January 18, 2000 letter the detail for the terminal show a 5” width for the channel chute (attached with the detail shown in red). However FHWA’s
September 2, 2005 (attached) letter does not provide any details showing the width of the channel chute.

This end terminal is being installed on a oversight project on the NHS, however the system has a 4" width channel chute. SCDOT would like to verify that the change from 5" to 4" has been crash tested under MASH TL-3 conditions and is eligible for reimbursement under the Federal-aid highway program.

Thanks

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