

April 13, 2009

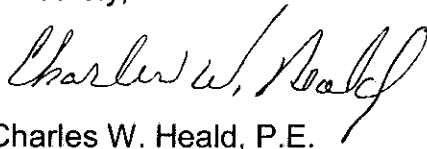
Texas Department of Transportation  
Michael A. Chacon, P.E.  
Traffic Engineering Section  
125 E. 11<sup>th</sup> Street  
Austin, TX. 78701-2483

Dear Mr. Chacon,

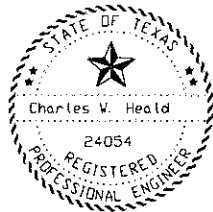
On Monday, December 22, 2008, SHUR-TITE® Products crash tested their Shur-Flex® Driveable Delineator Part # SD0033 (see attached video). They used 10 each, 48" tall, 70% recycled HDPE blend post with the Shur-Flex insert and a 2" x 12 ga. X 24" galvanized steel square tubing anchor. They were installed per the attached manufacturer's recommendations. The temperature varied from 19-26 degrees during the crash. The posts took 15 hits in the same direction using a 1990 Oldsmobile Ciera SL with the speed between 50 and 55 MPH. The bumper height on the car was 17". The posts survived all 15 hits and did not list in any direction more than 10 degrees. The reflectors used were Reflexite AR1000 Yellow and they partially stayed on for 5 hits.

I observed the crash test and certify that SHUR-TITE® Products met the requirements of DMS-4400 on their Shur-Flex® Driveable Delineator Part # SD0033.

Sincerely,



Charles W. Heald, P.E.



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Charles W. Heald, P.E.  
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