

October 19, 2011

Mr. Chester Henson  
Florida Department of Transportation  
605 Suwannee Street, MS 32  
Tallahassee, Florida 32399-0450

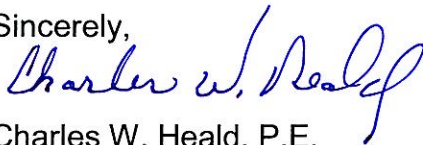
Dear Mr. Henson,

This letter is to serve as independent certification that I, Charles W. Heald, P. E., have evaluated and observed testing of the Shur-Flex® Surface Mount High Visibility Median Separator Delineator Part # SF30MB manufactured by Shur-Tite® Products Company.

On Monday, October 3rd, 2011, SHUR-TITE® Products crash tested their Shur-Flex® Surface Mount High Visibility Median Separator Delineator Part # SF30MB (see attached photos). They used 8 each, 42" tall, HDPE blend post, 8" X 30" Reflective Panel with the Shur-Flex® Square to Round insert and Surface Mount base. Each surface mount base was anchored with four ½" X 3" lag bolts that were threaded into 5/8" X 3½" plastic anchor sleeves placed into the roadway. Four of the delineator anchors were installed at 25 degree angles to the impact direction. The temperature varied from 69-73 degrees during the crash tests. The panels and posts were impacted 10 times using a 1990 Oldsmobile Ciera SL, traveling at a speed of 55 MPH, as measured by the speedometer. The 10 impacts were with the bumper and wheel of the automobile. The panels and posts survived all 10 hits and did not list in any direction more than ±5 degrees.

I evaluated and observed the crash test and certify that SHUR-TITE® Products met the requirements of Florida Department of Transportation **Section 993-2.4 "High Visibility Median Separator Delineators"** with their Shur-Flex® Surface Mount High Visibility Median Separator Delineator Part # SF30MB.

Sincerely,



Charles W. Heald, P.E.

