

**Amarillo Sign  
And Letter**

---



**Texas Department of Transportation**

P.O. BOX 7368 • AMARILLO, TEXAS 79114-7368 • (806) 356-3200

December 8, 2003

Clifford Dent  
Inventor of the Dent Breakaway Bolt  
P.O. Box 6007  
Farmington, New Mexico 87499

Dear Mr. Dent:

On approximately, November 15, 2003, the Texas Department of Transportation located in the Amarillo District, experienced a vehicle hit.

The sign structure impacted was a single tri-base guide sign. This sign utilized the Dent Breakaway Bolts and both posts broke away with no additional ground anchor or post damage and was reinstalled by our Sign Crew.

Using the Dent Breakaway Bolts on the sign structure saved the state money and labor costs and required no time loss waiting for structure and base fabrication.

Sincerely,

A handwritten signature in black ink, appearing to read "Russell Luther". The signature is written in a cursive style with a large, sweeping initial "R".

Russell Luther  
Maintenance Supervisor V

## Amarillo Sign And Letter



**This picture shows two different sign structures impacted by the same vehicle. The first of the two as shown is installed on two, W-4, I Beams and this structure broke away as designed allowing the sign crew to just change the bolts and reinstall the sign structure. The second sign structure located directly behind the two-post structure was installed on the Texas tri-base system using the ring. In this case, the ground anchor was bent over and the concrete foundation busted apart upon impact requiring replacement. The Dent Bolts were not utilized on the tri-base system.**