Laser Sensor System Documentation

Research Supervisor:
Jorge A Prozzi

_TxDOT Project 0-6873: True Road Surface Deflection Measuring Device_

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<th>Performing Organization:</th>
<th>Sponsoring Organization:</th>
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</table>
| Center for Transportation Research  
The University of Texas at Austin  
1616 Guadalupe, Suite 4.202  
Austin, Texas 78701 | Texas Department of Transportation  
Research and Technology Implementation Office  
P.O. Box 5080  
Austin, Texas 78763-5080 |

Performed in cooperation with the Texas Department of Transportation and the Federal Highway Administration.
Phase 1 of TxDOT Project 0-6873, *True Road Surface Deflection Measuring Device*, developed a laser sensor system based on several sensors mounted on a rigid beam (shown in figure below). This sensor system remains with CTR currently, as the project is moving into Phase 2.

Laser sensor system, as mounted on Ford F150 light truck. The top image shows the system mounted on the truck nerf bar. The bottom image provides a close-up view.