



**THE UNIVERSITY OF TEXAS AT AUSTIN
CENTER FOR TRANSPORTATION RESEARCH**

0-6873-P2

Laser Sensor System Documentation

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TxDOT Project 0-6873: True Road Surface Deflection Measuring Device

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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.**