**Title:** Trinity Cable Safety System

**Authors:** Wilson Brewer, Jr., Jason Giebler, Daniel Myers, Ron Curb

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**Abstract:**

Cable Safety System (CASS™) is being tested by the Oklahoma Department of Transportation (ODOT) along I-35 in McClain County. CASS™ will be compared with two other systems approved by ODOT. Using C-shaped posts and tensioned cables, CASS™ is designed to assist in preventing head-on collisions by capturing and redirecting errant vehicles that would otherwise traverse the median of a roadway. The system consists of three 3/4” x 3 x 7 pre-stretched cables held by 4” x 2” x 8” gauge mild steel C-channel posts. The post spacing, however, varied with the product; the other products used approximately 8 to 10 feet spacing, while the CASS™ was constructed with a tighter spacing of approximately 6 feet between posts. Since installation, no vehicles have passed through the barrier.