



**StopGate<sup>®</sup>**  
**Barrier Arm**



**TRINITY**  
**HIGHWAY**  
*Ahead of the Curve™*

# StopGate® Barrier Arm

The StopGate® Barrier Arm can help to prevent vehicle intrusion onto railroad grade crossings. The StopGate Barrier Arm operates like a standard automatic warning gate using an interconnect signal to raise and lower the arm. Upon vehicle impact, the StopGate Barrier Arm acts as an arresting system to bring a vehicle to a complete stop. The StopGate Barrier Arm can be replaced in about 30 minutes\*. The StopGate Barrier Arm is NCHRP 350 Test Level 2 (44 mph [70 km/h]) compliant.

The StopGate Barrier Arm is recognized by the U.S. Department of Transportation's Highway-Railroad Grade Crossing Technical Working Group as a supplemental safety device (SSD) that should be considered for use at crossings with passenger or high-speed trains, in quiet zones or as otherwise recommended by an engineering study or diagnostic team.

\* Based upon a design impact, repairs should be done by a two (2) person crew.

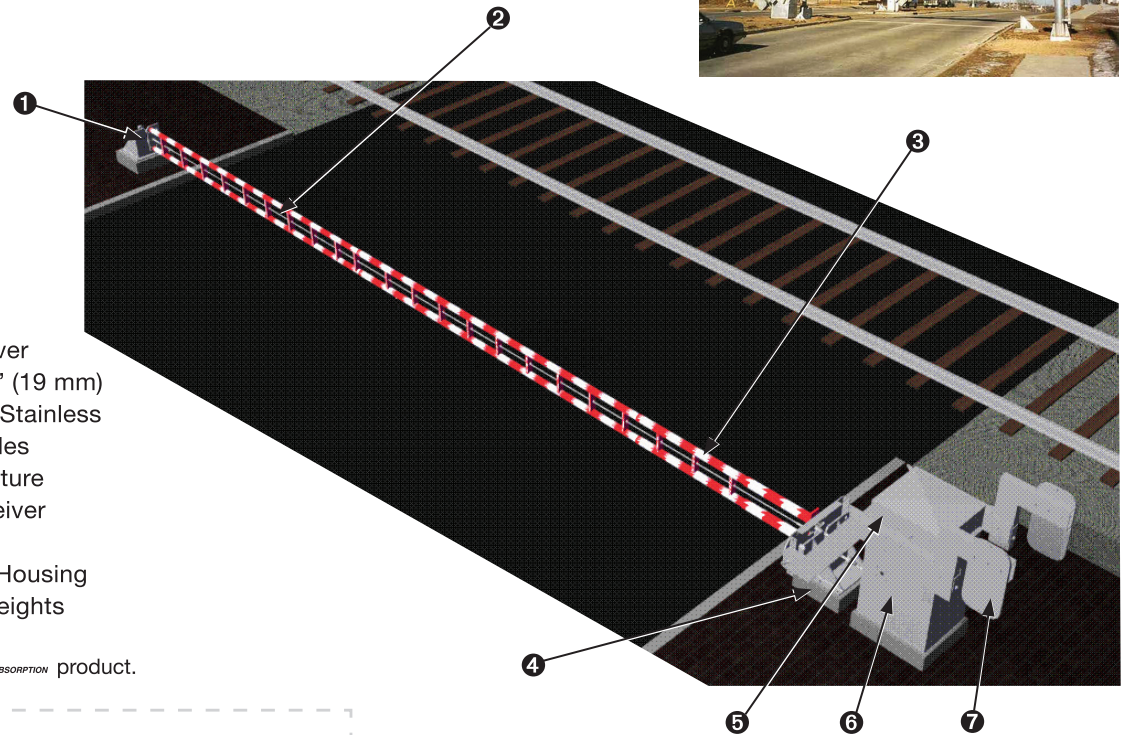
# RAILROAD GRADE CROSSING

## Features

- Completely spans across the roadway and connects to a locking device on both sides of the road.
- Surpassed 245,000 raise and lower cycles in an accelerated test program.
- Connects to standard railroad signal circuitry.
- Arm length adapts to span from 15' (4.5 m) to 55' (16.8 m).
- Complies with FRA fail-safe requirement.
- Meets MUTCD Section 8 requirements.

## Specifications

- 55.8' (17 m) Long With 45' (13.7 m) Arm
- 2.5' x 3' x 5.5' (.8 x .9 x 1.7 m) Operator Dimension
- 15' - 55' (4.5 m - 16.8 m) Length of Arm Structure
- 24V System Operation (Powered by 120 or 220VAC)



- 1 Far Receiver
- 2 Three 3/4" (19 mm) Annealed Stainless Steel Cables
- 3 Arm Structure
- 4 Near Receiver
- 5 Side Arm
- 6 Operator Housing
- 7 Counterweights

An original  ENERGY ABSORPTION SYSTEMS, INC. product.

Distributed by:

