



CONCRETE REACTIVE TENSION<sup>®</sup> – FIBER BARRIER, MASH TL-3



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Lindsay Transportation Solutions, 180 River Rd., Rio Vista CA. 94571, 888-800-3691  
[www.theroadzipper.com](http://www.theroadzipper.com)

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## INTENDED USE

The Concrete Reactive Tension® QuickChange® Moveable Barrier System Fiber Series (CRTS-F) is a MASH TL-3 longitudinal barrier capable of rapid lateral transfer by a transfer vehicle. The CRTS-F is designed to meet the rigid requirements of deployment in moveable barrier applications where positive separation is required, and where lane widths and lateral space are limited. The CRTS-F system is unanchored and has low deflection during vehicle impacts.

The CRTS-F is a steel and fiber-reinforced concrete barrier connected end to end with tensioning hinge mechanisms and grooved steel pins. Each barrier segment is approximately 39 in [1.0 m] in length and weighs approximately 1435 lb [650 kg]. The barrier is 18 in [460 mm] wide.

Specifically constructed transfer machines are used to lift, move, and reposition the barrier laterally on the roadway. Transfer vehicles are capable of moving the barrier wall up to 30 ft [9.1 m] at up to 10 mph [16 kph] on a permanent system and up to 5 mph [8 kph] for a temporary or construction system.

The CRTS-F is used as a median barrier on congested roadways to open and close lanes of traffic to adapt to changing traffic volumes during commuting hours or special events. It is also used to open and close construction zones on a periodic basis to increase safety, workspace, reduce congestion, and improve construction worker productivity.

The CRTS-F barrier is compatible with the ABSORB 350® Crash Cushion (SC111).

## APPROVALS

The Concrete Reactive Tension® QuickChange® Moveable Barrier System Fiber Series (CRTS-F) has been fully tested in conformance with MASH 2016 Test Level 3 and determined eligible for federal reimbursement by the FHWA.

FHWA Eligibility Letter: TBD

## CONTACT INFORMATION

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