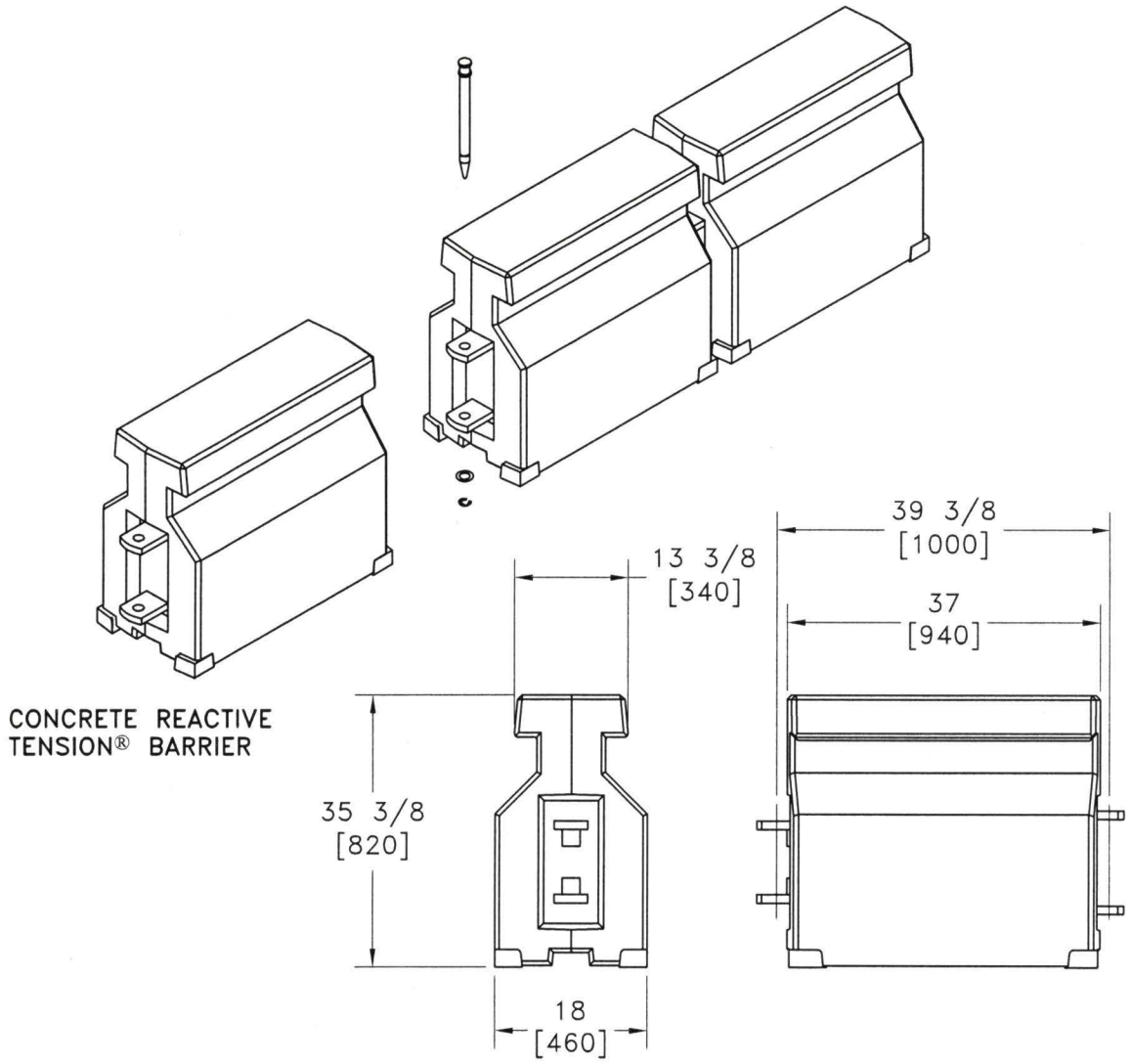

CONCRETE REACTIVE
TENSION® BARRIER

REACTIVE TENSION® MOVEABLE BARRIER, MASH TL-3

LINDSAY™ TRANSPORTATION SOLUTIONS | ROAD ZIPPER® BY LINDSAY

Lindsay Transportation Solutions, 180 River Rd., Rio Vista CA. 94571, 888-800-3691
www.theroadzipper.com

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INTENDED USE

The Concrete Reactive Tension® QuickChange® Moveable Barrier (CRTS) system is a MASH TL-3 longitudinal barrier capable of rapid lateral transfer by a transfer vehicle. CRTS 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 system is unanchored and has low deflection during vehicle impacts.

CRTS MASH TL-3 is a heavily reinforced concrete barrier connected end to end with tensioning hinge mechanisms and steel pins. Each barrier segment is approximately 39 in [1.0 m] and weighs approximately 1500 lb (680 kg). The barrier is 18 in [460 mm] wide.

Specially 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 24 ft [7.5 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.

RTS is used as 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.

RTS barrier is compatible with the ABSORB 350® Crash Cushion (SCI11).

APPROVALS

The Reactive Tension® QuickChange® Moveable Barrier system has been fully tested in conformance with MASH Test Level 3 and determined eligible for federal reimbursement by FHWA.

FHWA Acceptance Letter: TBD

CONTACT INFORMATION

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