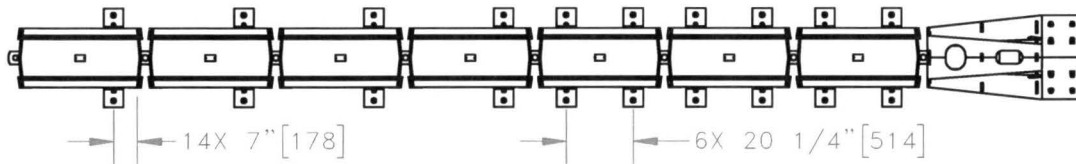
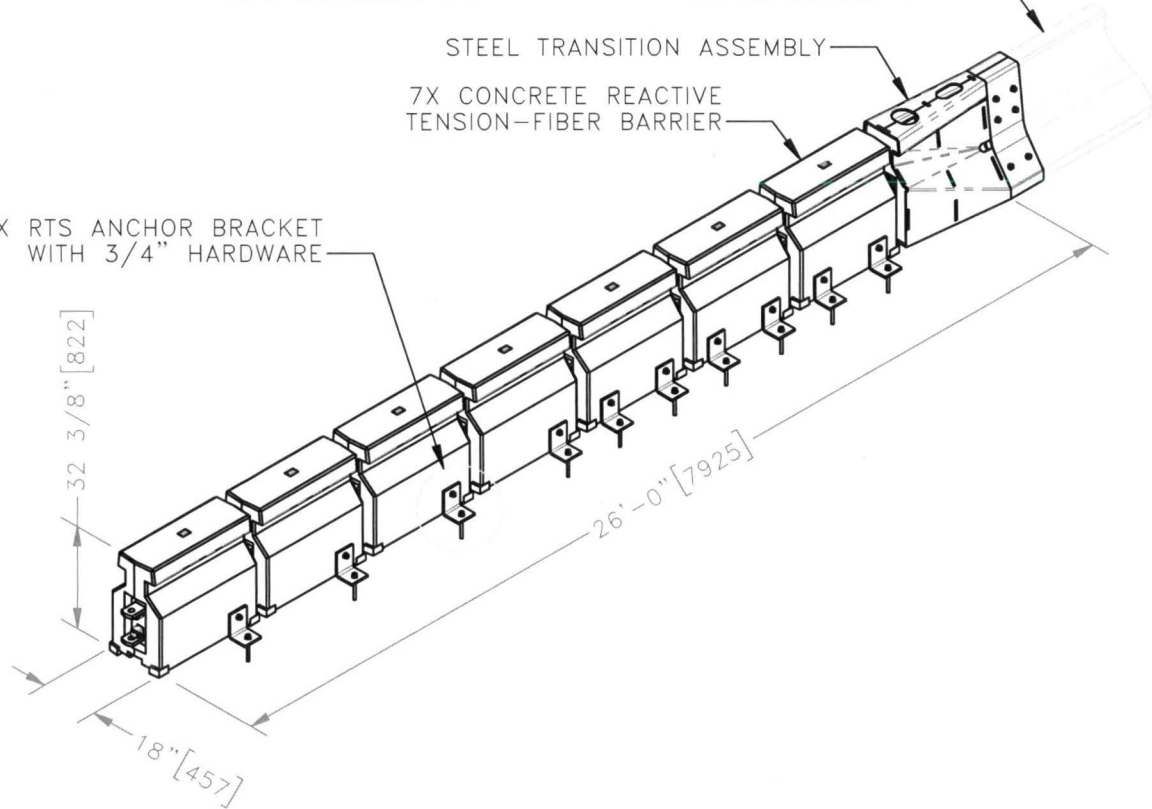


SAFETY SHAPE CONCRETE BARRIER SHOWN FOR REFERENCE ONLY

STEEL TRANSITION ASSEMBLY

7X CONCRETE REACTIVE TENSION-FIBER BARRIER

20X RTS ANCHOR BRACKET WITH 3/4" HARDWARE



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



XXX

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

SHEET NO.

DATE:

1 OF 2

01/29/19

## 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 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 [457 mm] wide. Steel variable length barriers (VLB) are used in conjunction with the concrete segments. The system is applicable to asphalt or concrete road surface. Some applications may require a transition to permanent or fixed barrier or other fixed roadside hardware.

The CRTS-F transition consists of typical CRTS-F barrier segments in accordance with eligibility letter HSST-1/B-277 anchored to the roadway in a prescribed method. A steel transition structure provides the shape transition between the CRTS-F and fixed barrier geometries. Steel brackets are used to facilitate the anchorage of CRTS-F segments to the roadway using mechanical or adhesive anchors.

MASH testing was conducted using a portable safety shaped concrete barrier anchored to the roadway to represent a permanent or fixed rigid barrier. To accommodate variations in barrier profiles, the steel transition structure may be altered to fit. The steel transition structure shall maintain equivalent or greater structural composition and material properties.

## APPROVALS

The Concrete Reactive Tension® QuickChange® Moveable Barrier System Fiber Series Transition (CRTS-F Transition) 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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CONCRETE REACTIVE TENSION® – FIBER BARRIER TRANSITION, MASH TL-3

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SHEET NO.

DATE:

2 OF 2

01/29/19

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