



RTS GUARD™



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

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INTENDED USE

The RTS Guard™ (RTSG) is a supplementary safety device designed to enhance the MASH Test Level 3 impact performance and vehicle containment of concrete barrier by providing improved containment and protection to pedestrians and cyclists who may interact with the barrier. In addition, the RTSG provides glare and gawk screen benefits. When installed on CRTS longitudinal barrier segments, the 42" nominal system height follows design guidelines stated in AASHTO LRFD Bridge Design Specifications 13.9.2-Geometry and C13.9.2.

The CRTS barrier without RTSG has been successfully tested to MASH Test Level 3 and was issued a Federal Highway Administration (FHWA) eligibility letter under FHWA control number B-277. Crash test data shows that during a TL-3 impact with a 2270P vehicle the RTSG flexes and experiences some localized tearing directly within the impact zone while remaining attached to the barrier. Outside of the impact zone, the RTSG sees only minor deformation.

The system consists of the RTS Guard™, two screw anchors, RTS Guard™ VLB, and accompanying VLB hardware kit. The system can be installed on any QMB-CRTS barrier and respective VLB. Contact the manufacturer for further information and installation instructions.

APPROVALS

The RTS GUARD™ has been fully tested in conformance with MASH Test Level 3 and is determined eligible for Federal reimbursement by FHWA.

FHWA Eligibility Letter: B-299, February 9, 2018

CONTACT INFORMATION

Lindsay Transportation Solutions
180 River Rd.
Rio Vista, CA 94571
www.barriersystemsinc.com
Phone: 888-800-3691 or 707-374-6800
Fax: 707-374-6801
Email: info@barriersystemsinc.com

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