



U.S. Department
of Transportation
**Federal Highway
Administration**

1200 New Jersey Ave., SE
Washington, D.C. 20590

April 24, 2026

In Reply Refer To:
HSST-1/B-393

Diego Santiago Gonzalez
Road Steel Engineering SL
Paseo De Belen, 11 Edificio UVainnova-Campus
1778 Valladolid. 47011
Spain

Dear Mr. Gonzalez:

We received your correspondence on April 4, 2024, requesting issuance of a Federal-aid reimbursement eligibility letter under the Federal-aid highway program for the roadside safety system, device, design, product, or hardware (collectively “device”) described below. We write to inform you that the device Rent-a-Flash Type II Barricade is eligible for Federal-aid reimbursement. This letter is assigned Federal Highway Administration (FHWA) control number B-393.

ELIGIBILITY LETTERS

The FHWA issues Federal-aid reimbursement eligibility letters for new roadside safety devices that are crash tested in accordance with the industry standard of the American Association of State Highway and Transportation Officials (AASHTO) Manual for Assessing Safety Hardware (MASH).

FHWA, the Department of Transportation, and the United States (government) do not regulate roadside safety devices, crash test facilities, or the manufacturing industry. Issuance of eligibility letters is discretionary and provided only as a service to the states. FHWA may, at its discretion, decline to issue, revise, or rescind an eligibility letter. Eligibility letters are only issued by the FHWA Office of Safety.

Eligibility letters are issued only as notice to the states that a device is eligible for reimbursement under the Federal-aid highway program. They do not establish approval or certification for any other purpose. Issuance of an eligibility letter is not a prerequisite or requirement for state transportation agencies seeking to use Federal-aid funds for roadside safety devices. State agencies may use a device for which an eligibility letter has not been issued and seek Federal-aid reimbursement.

FEDERAL-AID REIMBURSEMENT

The request for issuance of this letter certified the device was crash tested in accordance with the industry standard of AASHTO’s MASH. This eligibility letter is based on that certification and

the material offered in support of its issuance. The device described below is eligible for reimbursement under the Federal-aid highway program.

Name of system: Trionda S2-TL4 MASH Barrier
Type of system: Longitudinal Barrier
Test Level: Test Level 4
Testing conducted by: CIDUAT Road Infrastructure Laboratory
Date of request: April 4, 2024

The device and as-tested condition(s) is described as follows:

TRION DA S2-TL4 MASH is a high containment guardrail made entirely of galvanized steel, consisting of three beam rails supported by steel posts with steel spacers. The three-beam rails, posts, and spacers are made of hot-rolled steel sheet with quality S355JR according to EN ISO 10025 and are hot-dip galvanized according to EN ISO 1461. The three-beam has a nominal thickness of 2.5 mm. The posts have a C section of 125x80x25 mm, with a nominal thickness of 4.5 mm and a length of 1950 mm. The spacers have a C section of 100x60x25 mm, with a nominal thickness of 4.5 mm and a length of 290 mm. For installation, the top of the three-beam rail is located 1000 mm above the ground. The posts are placed every 1.905 m and are installed at a height of 940 mm from the ground. The fixing screws between the three-beam rail and the spacers are TBC M16x50 class 8.8 round head bolts, 100x40x5 mm rectangular plates of S235JR quality according to the EN ISO 10025 standard, M 16 washers, and M 16 nuts, following the UNE 135122 standard. Spacers are screwed to the posts using CRF-10.5 M 16x50 class 5.8 round head bolts, 100x40x5 mm, and 35x35x5 mm rectangular plates of S235JR quality according to EN ISO 10025 and M16 nuts following the UNE 135122 standard. Three-beam rails use TBC M16x30 class 5.8 round head bolts, M16 washers, and M16 nuts, following the UNE 135122 standard. The CRF-10.5 M 16x50 bolts that join the spacer and the post are tightened with a torque between 30 Nm and 50 Nm. The bolts that join consecutive fences and those that join the spacers and rails are tightened with a torque between 80 Nm and 100 Nm.

Information about the device, including material such as the eligibility request, crash test reports, drawings, or images are included in one or more attachment(s) to this letter.

Eligibility letter B-393 is inapplicable to devices, optional equipment, alternate materials, or other features that were not crash tested in accordance with AASHTO's MASH.

This letter is issued only for the subject device as crash tested under AASHTO's MASH. Later modification(s) of the device are not eligible for Federal-aid reimbursement under this letter. Notice of later modification(s) should be given to transportation agencies, facility owners, and operators (collectively "agencies").

Agencies should be provided appropriate information about the device's design, installation, maintenance, materials, and mechanical properties.

Issuance of this letter is discretionary, and it may be revised or rescinded at FHWA's discretion. This letter is not a determination of compliance with the Build America Buy America Act, the

Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) or ownership of any intellectual property rights.

This eligibility letter is not a determination by the government that a crash involving the subject device will result in any particular outcome. It is limited to only the device's eligibility for Federal-aid reimbursement.

INTELLECTUAL PROPERTY

Issuance of this eligibility letter does not convey property rights of any sort nor any exclusive privilege. This letter is not authorization or consent by the government for the use, manufacture, or sale of any patented or proprietary system, device, design, product, or hardware for which the requester is not the patent owner. Eligibility letters are not an expression of any view, position, or determination by the government as to the validity, scope, or ownership of any intellectual property rights to a specific device. These letters do not grant, impute, suggest, or otherwise establish any ownership, distribution, or licensing rights to the requester. The government expresses no opinion about the intellectual property rights relating to any device for which this or any other eligibility letter is issued.

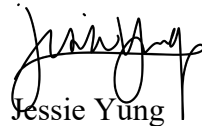
PUBLIC DISCLOSURE

To prevent any misunderstanding, and as discussed above, this Federal-aid eligibility letter is assigned FHWA control number B-393. It should only be reproduced in full with its attachment(s). This Federal-aid eligibility letter and the material offered by the requester supporting its issuance is public information. All eligibility letters and supporting material are subject to public disclosure under the Freedom of Information Act (FOIA). Eligibility letters are available to the public at

https://safety.fhwa.dot.gov/roadway_dept/countermeasures/reduce_crash_severity/.

If you have any questions please contact Paul LaFleur at Paul.LaFleur@dot.gov.

Sincerely,



Jessie Yung
Director, Office of Safety Technologies
Office of Safety

Enclosures

Request for Federal Aid Reimbursement Eligibility of Highway Safety Hardware

Submitter	Date of Request:	April 04, 2024	<input checked="" type="radio"/> New <input type="radio"/> Resubmission
	Name:	DIEGO SANTIAGO GONZALEZ	
	Company:	ROAD STEEL ENGINEERING SL AND GONVARRI MS COLOMBIA SAS	
	Address:	PASEO DE BELEN 11 EDIF UVAINNOVA 1778 VALLADOLID. 47011	
	Country:	SPAIN	
To:	Michael S. Griffith, Director FHWA, Office of Safety Technologies		

I request the following devices be considered eligible for reimbursement under the Federal-aid highway program.

Device & Testing Criterion - Enter from right to left starting with Test Level

!-!-!

System Type	Submission Type	Device Name / Variant	Testing Criterion	Test Level
'B': Rigid/Semi-Rigid Barriers (Roadside, Median, Bridge Railings)	<input checked="" type="radio"/> Physical Crash Testing <input type="radio"/> Engineering Analysis	TRIONDA S2-TL4 MASH	AASHTO MASH	TL4

By submitting this request for review and evaluation by the Federal Highway Administration, I certify that the product(s) was (were) tested in conformity with the AASHTO Manual for Assessing Safety Hardware and that the evaluation results meet the appropriate evaluation criteria in the MASH.

Individual or Organization responsible for the product:

Contact Name:	DIEGO SANTIAGO GONZALEZ	Same as Submitter <input checked="" type="checkbox"/>
Company Name:	ROAD STEEL ENGINEERING SL AND GONVARRI MS COLOMBIA SAS	Same as Submitter <input checked="" type="checkbox"/>
Address:	PASEO DE BELEN 11 EDIF UVAINNOVA 1778 VALLADOLID. 47011	Same as Submitter <input checked="" type="checkbox"/>
Country:	SPAIN	Same as Submitter <input checked="" type="checkbox"/>
Enter below all disclosures of financial interests as required by the FHWA 'Federal-Aid Reimbursement Eligibility Process for Safety Hardware Devices' document.		
<p>CIDAUT completes testing activities for ROAD STEEL ENGINEERING, S.L. and GONVARRI MS COLOMBIA, S.A.S. for the completion of this servicing. CIDAUT receives payment in the form of professional fees. In no circumstances are fees received linked to the performance of the product nor the outcome of the test.</p> <p>CIDAUT does not have, nor has it ever had, any financial interest in ROAD STEEL ENGINEERING, S.L. and GONVARRI MS COLOMBIA, S.A.S. or any of the products that they sell.</p>		

PRODUCT DESCRIPTION

- New Hardware or Significant Modification
 Modification to Existing Hardware

TRIONDA S2-TL4 MASH is a high containment guardrail made entirely of galvanized steel, consisting of three-beam rails supported by steel posts with steel spacers. The three-beam rails, posts, and spacers are made of hot-rolled steel sheet with quality S355JR according to EN ISO 10025 and are hot-dip galvanized according to EN ISO 1461. The three-beam rail has a nominal thickness of 2.5 mm. The posts have a C section of 125x80x25 mm, with a nominal thickness of 4.5 mm and a length of 1950 mm. The spacers have a C section of 100x60x25 mm, with a nominal thickness of 4.5 mm and a length of 290 mm. For installation, the top of the three-beam rail is located 1000 mm above the ground. The posts are placed every 1.905 m and are installed at a height of 940 mm from the ground. The fixing screws between the three-beam rail and the spacers are TBC M16x50 class 8.8 round head bolts, 100x40x5 mm rectangular plates of S235JR quality according to the EN ISO 10025 standard, M16 washers, and M16 nuts, following the UNE 135122 standard. Spacers are screwed to the posts using CRF-10.5 M16x50 class 5.8 round head bolts, 100x40x5 mm, and 35x35x5 mm rectangular plates of S235JR quality according to EN ISO 10025 and M16 nuts following the UNE 135122 standard. Three-beam rails use TBC M16x30 class 5.8 round head bolts, M16 washers, and M16 nuts, following the UNE 135122 standard. The CRF-10.5 M16x50 bolts that join the spacer and the post are tightened with a torque between 30 Nm and 50 Nm. The bolts that join consecutive fences and those that join the spacers and rails are tightened with a torque between 80 Nm and 100 Nm.

CRASH TESTING

By signature below, the Engineer affiliated with the testing laboratory, agrees in support of this submission that all of the critical and relevant crash tests for this device listed above were conducted to meet the MASH test criteria. The Engineer has determined that no other crash tests are necessary to determine the device meets the MASH criteria.

Engineer Name:	J. ALBERTO DE PRADO RODRIGUEZ	
Engineer Signature:		
Address:	PARQUE TECN BOECILLO P-209, VALLADOLID. 47151	Same as Submitter <input type="checkbox"/>
Country:	SPAIN	Same as Submitter <input checked="" type="checkbox"/>


A brief description of each crash test and its result:

Required Test Number	Narrative Description	Evaluation Results
4-10 (1100C)	<p>MASH 4-10 Test No. E23-0800 Test Date - June 22nd, 2023 Test Report No. 1740-230509/ 03_ENG The "TRIONDA S2-TL4 MASH" High containment guardrail contained and redirected the 1100C vehicle. The vehicle did not penetrate, underride, or override the installation. Maximum dynamic deflection during the test was 2.32 ft. No detached elements, fragments, or other debris from the system tested were present to penetrate or to show potential for penetrating the 1100C vehicle, or to present hazard to others in the area. Maximum occupant compartment deformation was 4.3 inches in the front-left lateral pannel area. The 1100C vehicle remained upright during and after the collision event. Maximum roll and pitch angles were 15 degrees and 13 degrees, respectively. Longitudinal occupant impact velocity was 26.5 ft/s, and lateral occupant impact velocity was 17.1 ft/s. Maximum longitudinal occupant ridedown acceleration was 14.8 G, and maximum lateral occupant ridedown acceleration was 8.1 G. The 1100C vehicle exited within the exit box specifications.</p>	PASS

Required Test Number	Narrative Description	Evaluation Results
4-11 (2270P)	<p>MASH 4-11 Test No. E23-0645 Test Date - May 22nd, 2023 Test Report No. 1740-230509/ 03_ENG The "TRIONDA S2-TL4 MASH" High containment guardrail contained and redirected the 2270P vehicle. The vehicle did not penetrate, underride, or override the installation. Maximum dynamic deflection during the test was 2.82 ft. No detached elements, fragments, or other debris from the system tested were present to penetrate or to show potential for penetrating the 2270P vehicle, or to present hazard to others in the area. Maximum occupant compartment deformation was 1.0 inches in the driver door area. The 2270P vehicle remained upright during and after the collision event. Maximum roll and pitch angles were 4 degrees and -5 degrees, respectively. Longitudinal occupant impact velocity was 24.3 ft/s, and lateral occupant impact velocity was 14.8 ft/s. Maximum longitudinal occupant ridedown acceleration was 5.1 G, and maximum lateral occupant ridedown acceleration was 8.2 G. The 2270P vehicle exited within the exit box specifications, crossing the line 57.9 ft downstream of the final intersection of wheel track with initial traffic face of barrier.</p>	PASS
4-12 (10000S)	<p>MASH 4-12 Test No. E23-0617 Test Date - May 16th, 2023 Test Report No. 1740-230509/ 03_ENG The "TRIONDA S2-TL4 MASH" High containment guardrail contained and redirected the 10000S vehicle. The vehicle did not penetrate, underride, or override the installation. Maximum dynamic deflection during the test was 4.08 ft. No detached elements, fragments, or other debris from the system tested were present to penetrate or to show potential for penetrating the 10000S vehicle, or to present hazard to others in the area. Maximum occupant compartment deformation was 3.5 inches at the left cockpit area. The 10000S vehicle exited within the exit box specifications.</p>	PASS
4-20 (1100C)	Transition test is not applicable for the TRIONDA S2-TL4 MASH barrier	Non-Relevant Test, not conducted
4-21 (2270P)	Transition test is not applicable for the TRIONDA S2-TL4 MASH barrier	Non-Relevant Test, not conducted

4-22 (10000S)	Transition test is not applicable for the TRIONDA S2-TL4 MASH barrier	Non-Relevant Test, not conducted
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Full Scale Crash Testing was done in compliance with MASH by the following accredited crash test laboratory (cite the laboratory's accreditation status as noted in the crash test reports.):

Laboratory Name:	CIDAUT ROAD INFRASTRUCTURE SAFETY LABORATORY		
Laboratory Signature:			
Address:	PARQUE TECN BOECILLO P-209, VALLADOLID. 47151	Same as Submitter	<input type="checkbox"/>
Country:	SPAIN	Same as Submitter	<input checked="" type="checkbox"/>
Accreditation Certificate Number and Dates of current Accreditation period :	ENAC No. 412/LE858, IN FORCE SINCE APRIL 2nd, 2004		

Submitter Signature*:



Submit Form

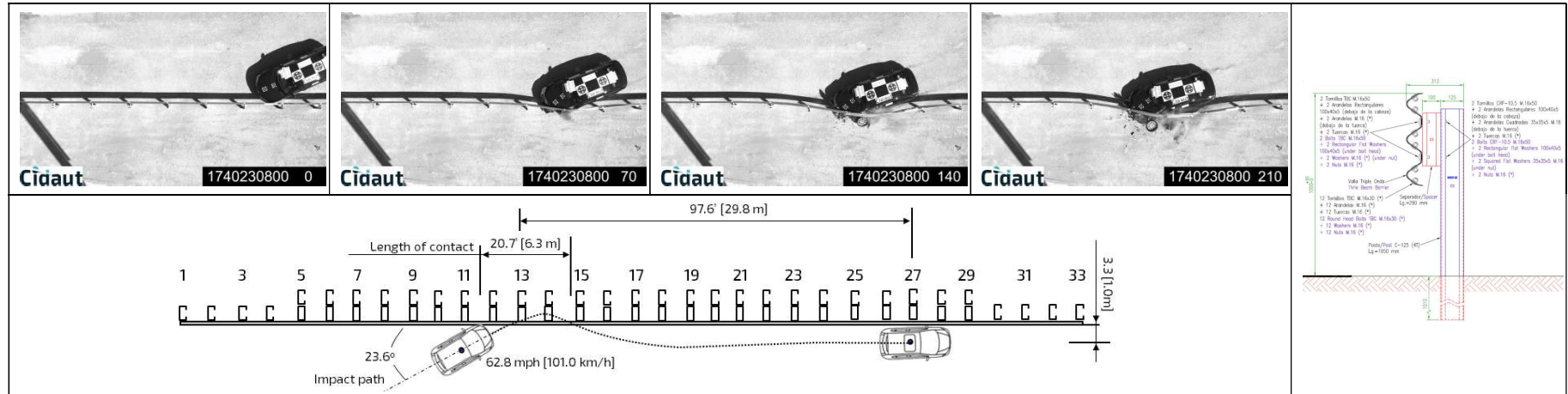
ATTACHMENTS

Attach to this form:

- 1) Additional disclosures of related financial interest as indicated above.
- 2) A copy of the full test report, video, and a Test Data Summary Sheet for each test conducted in support of this request.
- 3) A drawing or drawings of the device(s) that conform to the Task Force-13 Drawing Specifications [[Hardware Guide Drawing Standards](#)]. For proprietary products, a single isometric line drawing is usually acceptable to illustrate the product, with detailed specifications, intended use, and contact information provided on the reverse. Additional drawings (not in TF-13 format) showing details that are relevant to understanding the dimensions and performance of the device should also be submitted to facilitate our review.

FHWA Official Business Only:

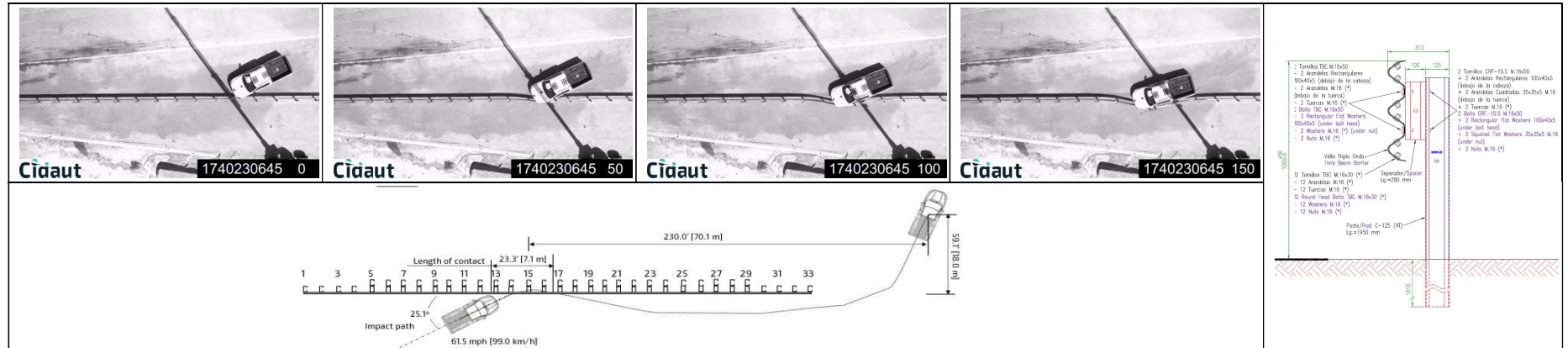
Eligibility Letter		
Number	Date	Key Words



General information		Impact conditions		Post-Impact Trajectory	
Test Agency	CIDAUT Road Infrastructure Laboratory	Speed	62.8 mi/h	Stopping Distance	97.6 ft downstream
Test Standard Test No.	MASH Test 4-10	Angle	23.6°		3.3 ft twd traffic face
Test No.	E23-0800	Location/Orientation.....	10.1 ft upstream of post 13	Vehicle Stability	
Test Date (yyyy-mm-dd)	2023-06-22	Exit Conditions		Maximum Yaw Angle	12°
Test Article		Speed	24.3 mi/h	Maximum Pitch Angle	-13°
Type	Longitudinal barrier	Angle	10.3°	Maximum Roll Angle	-15°
Name	"TRIONDA S2-TL4 MASH"	Exit Box criterion.....	Pass	Vehicle Snagging	No
Installation Length	150.0 ft (without terminals)	Occupant Risk Values		Vehicle Pocketing	No
Material or Key Elements	Thrie-beam, C125x80 post, spacer C100	Impact Velocity		Test Article Deflections	
Soil		Longitudinal	26.5 ft/s	Dynamic	2.32 ft
Soil type and condition	Standard soil, dry	Lateral	-17.1 ft/s	Permanent	1.04 ft
Type of soil.....	Grading B – AASHTO M 147-65 (2004)	Ridedown Accelerations		Working Width	2.67 ft
Description of placement.....	6-inch lifts tamped with compactor	Longitudinal	-14.8 g	Vehicle damage	
Test Vehicle		Lateral	8.1 g	VDS	11FL4
Type/Designation	1100C	THIV	9.3 m/s	CDC	11FDEW3
Make and Model	2017 Seat Toledo Sedan	PHD	14.8 g	Max. Exterior Deformation	16.5 inches
Curb mass.....	2418 lb	ASI	1.0	OCDI	LF0000010
Test Inertial mass.....	2451 lb	Max. 0.050-s Average		Max. Occupant Compartment	
Dummy	165 lb	Longitudinal	-9.7 g	Deformation	4.3 inches
Gross Static mass.....	2616 lb	Lateral	6.3 g	Impact severity	
		Vertical	4.1 g	Internal Code	1740230800

Figure 7.9. Summary of Result for MASH Test 4-10 on "TRIONDA S2-TL4 MASH" High containment guardrail.

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Nivel 3	1740-230509/ 03_ENG	April 02, 2024	



General information

Test Agency CIDAUT Road Infrastructure Laboratory
 Test Standard Test No. MASH Test 4-11
 Test No. E23-0645
 Test Date (yyyy-mm-dd) 2023-05-22

Test Article

Type Longitudinal barrier
 Name "TRIONDA S2-TL4 MASH"
 Installation Length 150,0 ft (without terminals)
 Material or Key Elements Thrie-beam, C125x80 post, spacer C100

Soil

Soil type and condition Standard soil, dry
 Type of soil..... Grading B – AASHTO M 147-65 (2004)
 Description of placement..... 6-inch lifts tamped with compactor

Test Vehicle

Type/Designation 2270P
 Make and Model 2017 Dodge Ram 1500
 Curb mass..... 4857 lb
 Test Inertial mass..... 4974 lb
 Dummy No dummy
 Gross Static mass..... 4974 lb

Impact conditions

Speed 61.5 mi/h
 Angle 25.1°
 Location/Orientation..... 13.7 ft upstream of post 15

Exit Conditions

Speed 41.4 mi/h
 Angle 12.2°
 Exit Box criterion..... Pass

Occupant Risk Values

Impact Velocity
 Longitudinal 24.3 ft/s
 Lateral -14.8 ft/s
 Ridedown Accelerations
 Longitudinal -5.1 g
 Lateral 8.2 g
 THIV 8.6 m/s
 PHD 8.5 g
 ASI 0.8
 Max. 0.050-s Average
 Longitudinal -7.3 g
 Lateral 6.3 g
 Vertical -2.3 g

Post-Impact Trajectory

Stopping Distance 230.0 ft downstream
 59.1 ft twd field side

Vehicle Stability

Maximum Yaw Angle 37°
 Maximum Pitch Angle -5°
 Maximum Roll Angle -4°
 Vehicle Snagging No
 Vehicle Pocketing No

Test Article Deflections

Dynamic 2.82 ft
 Permanent 2.19 ft
 Working Width 3.57 ft

Vehicle damage

VDS 11FL2
 CDC 11FYEW2
 Max. Exterior Deformation 11.0 inches
 OCDI LF0000000
 Max. Occupant Compartment

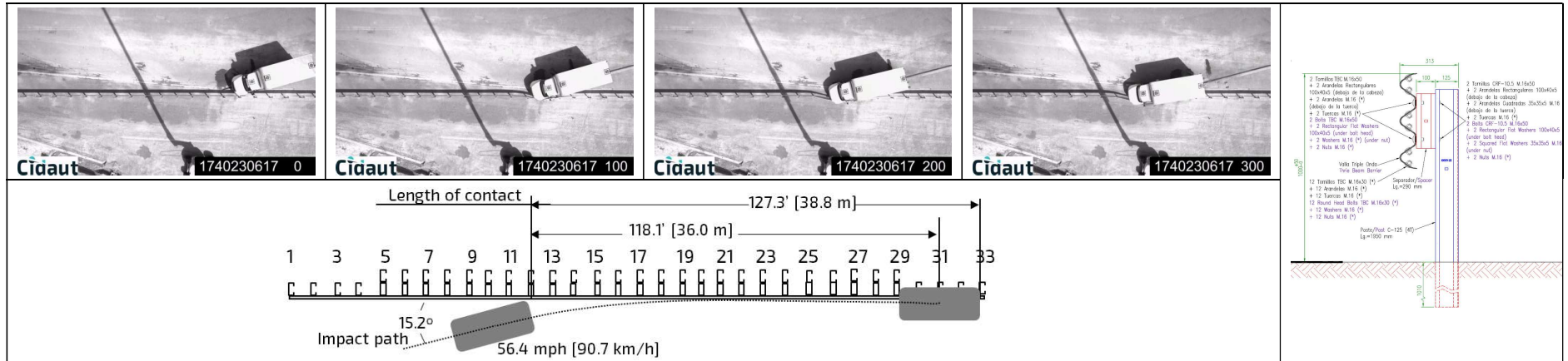
Deformation 1.0 inches

Impact severity

Internal Code 1740230645

Figure 6.9. Summary of Result for MASH Test 4-11 on "TRIONDA S2-TL4 MASH" High containment guardrail.

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Nivel 3	1740-230509/ 03_ENG	April 02, 2024	



General information

Test Agency CIDAUT Road Infrastructure Laboratory
 Test Standard Test No. MASH Test 4-12
 Test No. E23-0617
 Test Date (yyyy-mm-dd) 2023-05-16

Test Article

Type Longitudinal barrier
 Name "TRIONDA S2-TL4 MASH"
 Installation Length 150.0 ft (without terminals)
 Material or Key Elements Thrie-beam, C125x80 post, spacer C100

Soil

Soil type and condition Standard soil, dry
 Type of soil Grading B – AASHTO M 147-65 (2004)
 Description of placement..... 6-inch lifts tamped with compactor

Test Vehicle

Type/Designation 100005
 Make and Model 2010 International Durastar 4300
 Curb mass..... 14695 lb
 Test Inertial mass..... 21644 lb
 Dummy No dummy
 Gross Static mass..... 21644 lb

Impact conditions

Speed 56.4 mi/h
 Angle 15.2°
 Location/Orientation..... 5.6 ft upstream of post 13

Exit Conditions

Speed Not applicable
 Angle Not applicable
 Exit Box criterion..... Pass

Occupant Risk Values

Impact Velocity
 Longitudinal 12.3 ft/s
 Lateral -8.3 ft/s
 Ridedown Accelerations
 Longitudinal -4.8 g
 Lateral 7.4 g
 THIV 4.2 m/s
 PHD 7.8 g
 ASI 0.4
 Max. 0.050-s Average
 Longitudinal -3.1 g
 Lateral 3.6 g
 Vertical -2.5 g

Post-Impact Trajectory

Stopping Distance 118.1 ft downstream
 0.0 ft twd traffic face

Vehicle Stability

Maximum Yaw Angle 20°
 Maximum Pitch Angle -16°
 Maximum Roll Angle -73°
 Vehicle Snagging No
 Vehicle Pocketing No

Test Article Deflections

Dynamic 4.08 ft
 Permanent 2.64 ft
 Working Width 8.84 ft

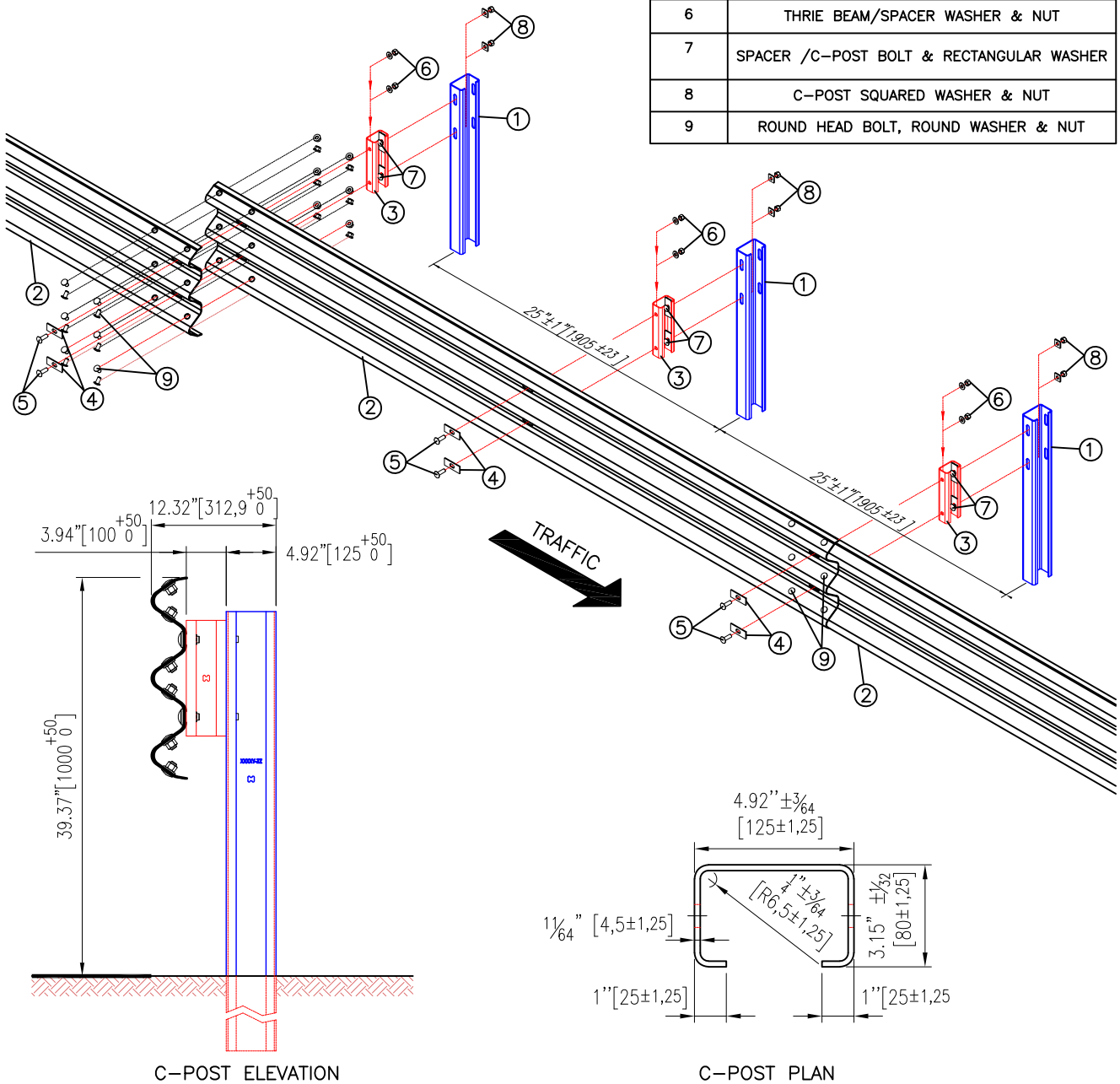
Vehicle damage

VDS 11L&T2
 CDC 11LYEW3
 Max. Exterior Deformation 13.4 inches
 OCDI LF1010100
 Max. Occupant Compartment
 Deformation 3.5 inches
Impact severity
 Internal Code 1740230617

Figure 5.9. Summary of Result for MASH Test 4-12 on "TRIONDA S2-TL4 MASH" High containment guardrail.

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BILL OF MATERIALS	
1	C-POST
2	THRIE BEAM GUARDRAIL
3	SPACER
4	THRIE BEAM WASHER
5	THRIE BEAM/SPACER BOLT
6	THRIE BEAM/SPACER WASHER & NUT
7	SPACER /C-POST BOLT & RECTANGULAR WASHER
8	C-POST SQUARED WASHER & NUT
9	ROUND HEAD BOLT, ROUND WASHER & NUT



"TRIONDA S2-TL4 MASH" HIGH CONTAINMENT GUARDRAIL



Gonvarri
Colombia

S2-TL4MASH-271023-FHWA-001

SHEET NO.

DATE:

1 of 2

27/10/23

INTENDED USE

"TRIONDA S2-TL4 MASH" is a fully compliant TL4 MASH longitudinal guardrail barrier system and it can be used in TL4 design locations where maximum dynamic deflection of 4.07ft. or less is acceptable. "TRIONDA S2-TL4 MASH" system must be anchored with a suitable terminal system. The system post spacing is 75 inches [1905 mm].

COMPONENTS (unit length 150 in [3810])

Component	Quantity
Thrie-beam rail 4130 mm	1
Post C-125x80x4.5	2
Spacer Thickness 4.5 mm	2
Round Head Bolt TBC M.16x30 Class 5.8	12
Round Head Bolt TBC M.16x50 Class 8.8	4
Bolt CRF-10.5 M.16x50 Class 5.8	4
Rectangular Flat Washer 100x40x5 ϕ 18 mm	8
Squared Flat Washer 35x35x5 ϕ 18 mm	4
Circular Washer M.16 ϕ 18 mm	16
Nut M.16 Class 5	20

CONTACT INFORMATION

Road Steel Engineering
Paseo de Belén, 11-Edificio UVainnova-Campus Miguel Delibes
47011-Valladolid, España (Spain) Tel: (+34) 983 990 468
e-mail:info@roadsteel.com-http://www.roadsteel.com

"TRIONDA S2-TL4 MASH" HIGH CONTAINMENT GUARDRAIL



Tel:+(34) 985 128200
+(34) 983 990468

info@roadsteel.com
http://www.roadsteel.com



Gonvarri
Colombia

S2-TL4MASH-271023-FHWA-002

SHEET NO.

DATE:

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27/10/23