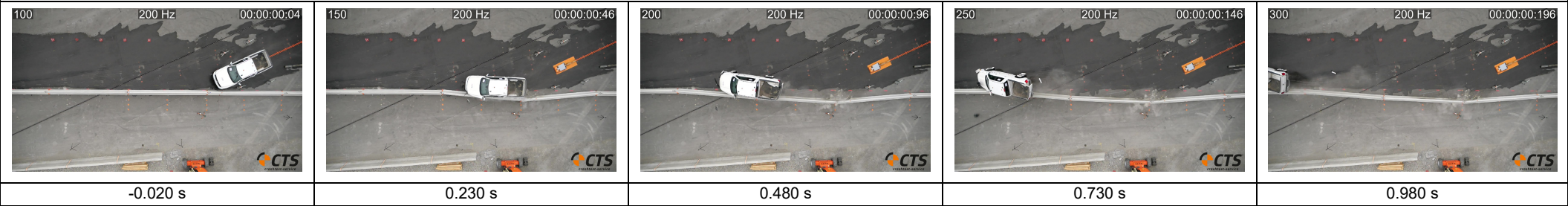
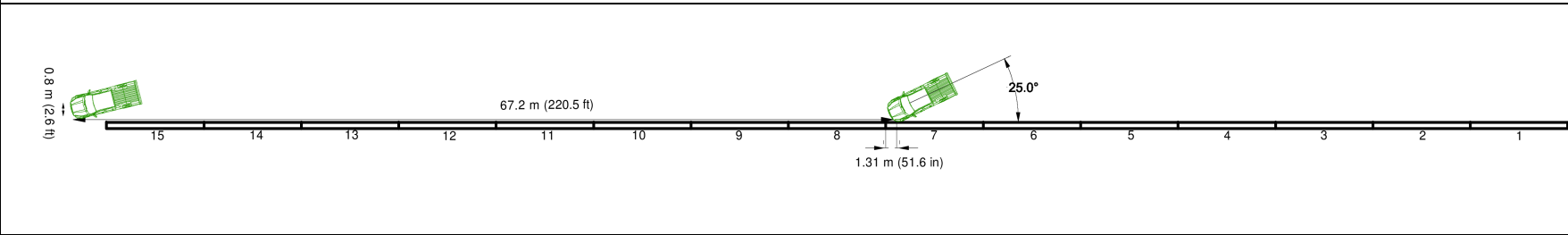


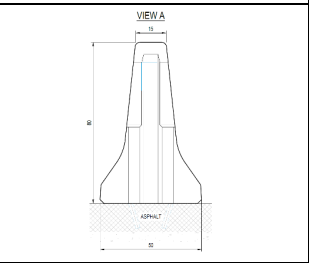
1. Sequential Photographs



2. Plan View



3. Cross-Sectional View



4. General Information

Test Agency	crashtest-service.com GmbH (CTS)
Test Standard	MASH Test TL4-11
CTS-Test No	19985
Date	29-JUN-2023

5. Test Article

Type	Precast Concrete Barrier
Name	"REBLOC 80F_8"
Installation Length	120 m (393.7 ft)
Key Elements - Barrier	Length: 8.00 m (26.2 ft)
	Height: 0.80 m (31.5 in)
	Base Width: 0.50 m (19.7 in)

6. Soil Type and Condition

Type of Soil	Asphalt
Soil Strength	---
Condition	cloudy, dry, 22.2 °C (72.0 °F)

7. Test Vehicle

Type/Designation	2270P
Make and Model	Dodge Ram 1500 IV, MY2017
Curb	2346 kg (5172 lb)
Test Inertial	2240 kg (4938 lb)
Dummy	No dummy
Gross Static	2240 kg (4938 lb)

8. Impact Conditions

Speed	102.3 km/h (63.6 mph)
Angle	25.0°
Location/Orientation	1.31 m (51.6 in) before transition of 7/8

9. Exit Conditions

Speed	84.0 km/h (52.2 mph)
Angle	15.0°

10. Post-Impact Trajectory

Vehicle Stability	Satisfactory
Stopping Distance	67.2 m (220.5 ft) downstream of the impact point
	0.8 m (2.6 ft) laterally in front the test article
Vehicle Snagging	No
Vehicle Pocketing	No
Maximum roll angle	-35.80°
Maximum pitch angle	-16.70°

11. Occupant Risk

OIV - Impact Velocity	
Longitudinal	4.63 m/s (15.2 ft/s)
Lateral	6.35 m/s (20.8 ft/s)

ORA - Ridedown Accelerations (10 msec avg.)

Longitudinal	3.40 g
Lateral	8.27 g
THIV	7.79 m/s (25.6 ft/s)
PHD	16.21 g
ASI	1.25

12. Test Article Damage

Classification	Moderate
Particularities	None

13. Test Article Deflections

Dynamic Deflection	0.90 m (35.4 in)
Permanent Deflection	0.89 m (35.0 in)
Dynamic Working Width	1.40 m (55.1 in)
Height of Working Width	0.00 m (0.0 in)

14. Vehicle Damage

Classification	Moderate
VDS	11-LFQ-5
CDC	11FDEW4
OCDI	ND00000000
Max. Exterior Deformation	197 mm (7.8 in)
Location of max. exterior Deformation	Rear left door
Max. Interior Deformation	33 mm (1.3 in)
Location of max. interior Deformation	Front left foot well