

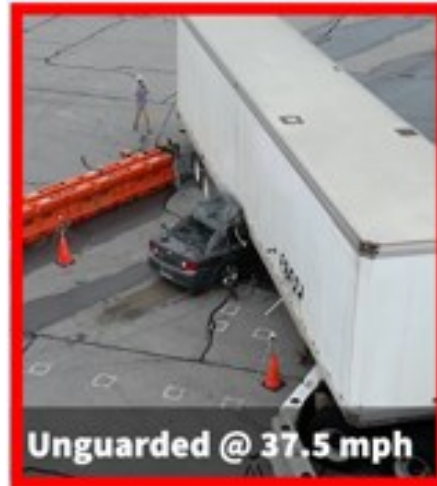
SUCCESS = engaging vehicle crumple zones and passive restraints while preventing lethal penetration of the passenger compartment by the trailer.



[Cyclist Guarded Crash Test](#), 9/13/2024

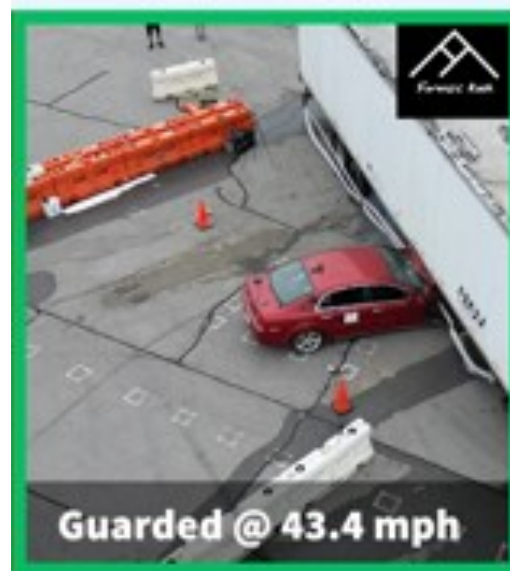


Above: IIHS [crash test](#) into tractor-trailer equipped with an *Angel-Wing* side impact guard on August 29, 2017, at the Second Underride Roundtable.
40 mph



Above: Collision Safety Consulting crash test into UNGUARDED side of trailer at 37.5 mph.

Below: Collision Safety Consulting [crash test](#) into tractor-trailer equipped with a *SafetySkirt* side impact guard on August 3, 2023, at the NCSHP in Raleigh at 43.4 mph.



STOP
UNDERRIDES

A Guide to Today's Crash Testing:

*What Failure Looks Like —
The Actual Hazard
That Road Users
Face Today*

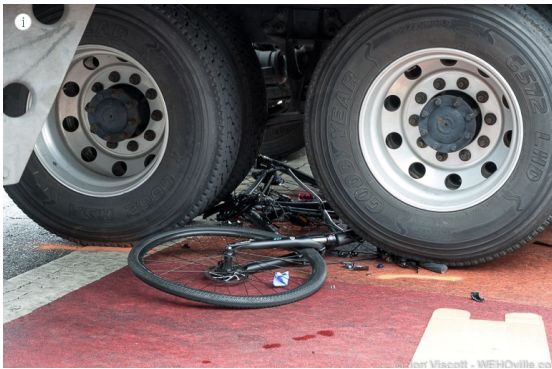


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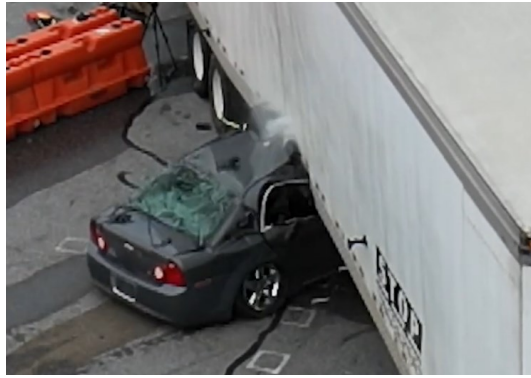
These photos were taken at crash scenes and crash tests where cars or cyclists collided with the **UNGUARDED** sides of commercial motor vehicles.



Above: [Fatal cyclist side underride](#), 5/1/2023



[Cyclist Unguarded Crash Test](#), 9/13/2024



[UNGUARDED Crash Test](#), 8/3/2023



Above & Below: [IIHS 2017 Unguarded](#)



Fatal Side Underride Crashes

