

TEAM
KENTUCKY®

TRANSPORTATION
CABINET
Secretary's Office of Safety

RoadSafe® 

 **VALTIR**
A TIER ABOVE



ABOUT US

Valtir has been an industry leader and global supplier of highway safety products for over 50 years. Our core roadway product lines include guardrail, end terminals, cable and steel longitudinal barriers, crash cushions, truck and trailer-mounted attenuators, water-filled barricades, sign supports, and delineators.

Working with industry partners and safety experts, Valtir continues to bring the next generation of innovative safety products to a dynamically changing market.

Industry Sectors

- Highway & Roadway Safety
- Urban Development
- Industrial
- DOTs & Government
- Public Services & Utilities
- Airports
- Emergency Response
- Events & Crowd Control



OUR HISTORY



ORIGINS (1973-1982)

Trinty Highway Founded

It was the decade of the 1970s that roadway safety design became a regular component of highway projects and Trinity Highway made and sold its first galvanized guardrail.

In 1982 the “Buy American” Program was created to ensure that transportation infrastructure projects are built with American-made steel products.

EXPANSION (1991-2000)

In the 1990s, the company expanded its guardrail offerings to Mexico and Canada and acquired SYRO Steel to broaden the fabricated steel product line.

In 1998, the European standard for road restraint systems, EN 1317, was introduced. By 2000, the company had established sales representation in Europe, extending its international reach.

GROWTH (2010-2011)

Trinity Highway expanded its capabilities with the acquisition of **Energy Absorption Systems**, a leader in crash cushions. In 2011, it added POZ-LOC sign supports and **Yodock Wall Company**, strengthening our traffic control offerings.

That same year **Trinity Highway Rentals** was launched to provide flexible work zone solutions.

TRANSFORMATION (2022)

In 2022, Trinity Highway rebranded as **Valtir**, completing its transition to a standalone company. The rebrand marked a renewed commitment to innovation and leadership in roadway safety, backed by globally recognized brands like **Energy Absorption Systems**, **Safe-Hit**, and **Yodock**.

“ We didn’t just break the mold on safety products, we created it in the first place. ”

SCOPE OF OPERATIONS



- **Wide Reach**

Valtir products are specified, sold, and installed throughout North America and in over 100 international markets. We have sales offices and distributors in over 50 countries.

- **Manufacturing and Distribution**

Valtir operates an R&D center, several manufacturing plants and rental distribution facilities in the United States.

- **International Presence**

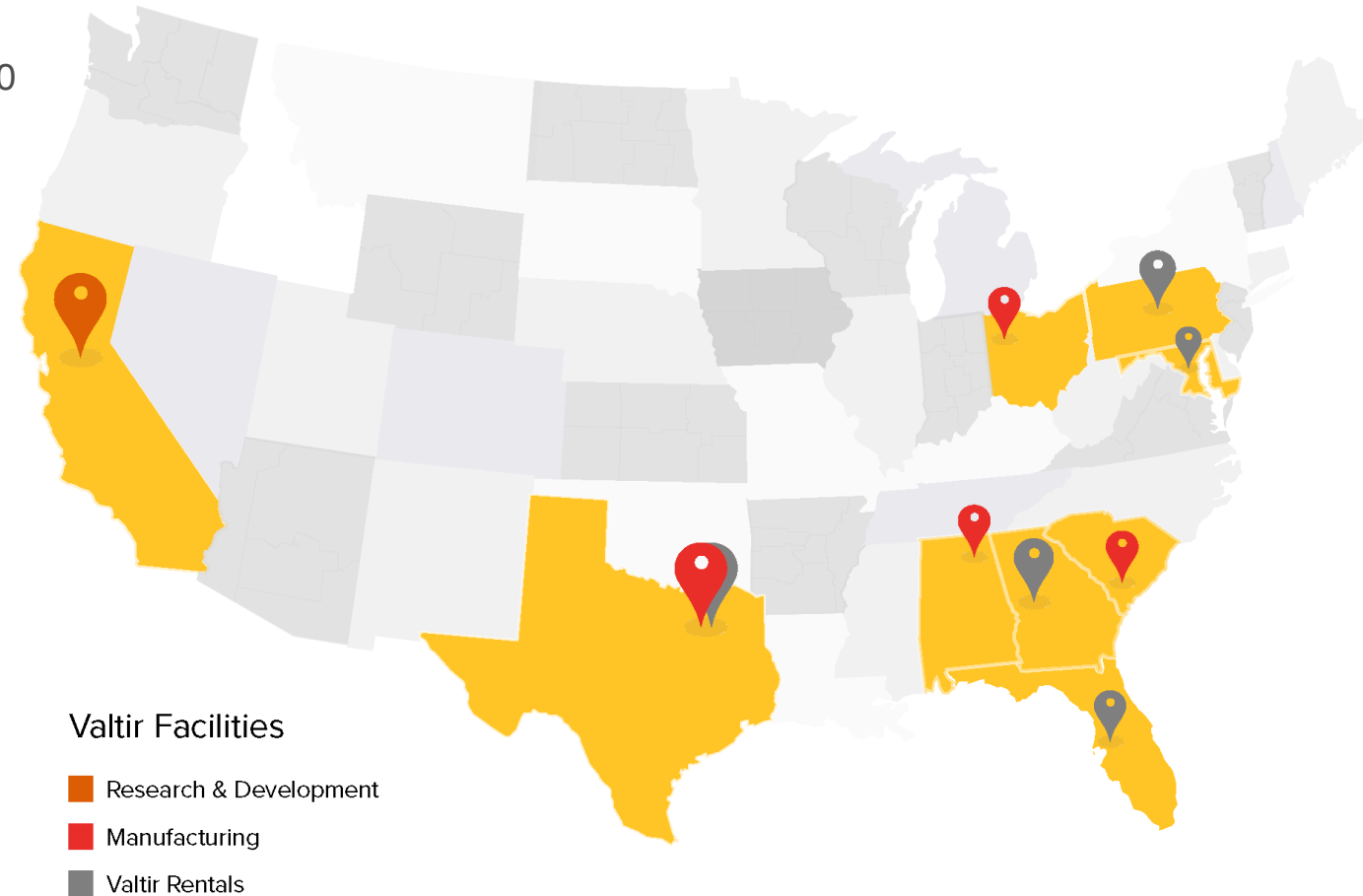
Valtir has sales offices in the United States, Singapore, Sweden and the United Kingdom supporting our global customers and projects.

- **Nationwide Presence**

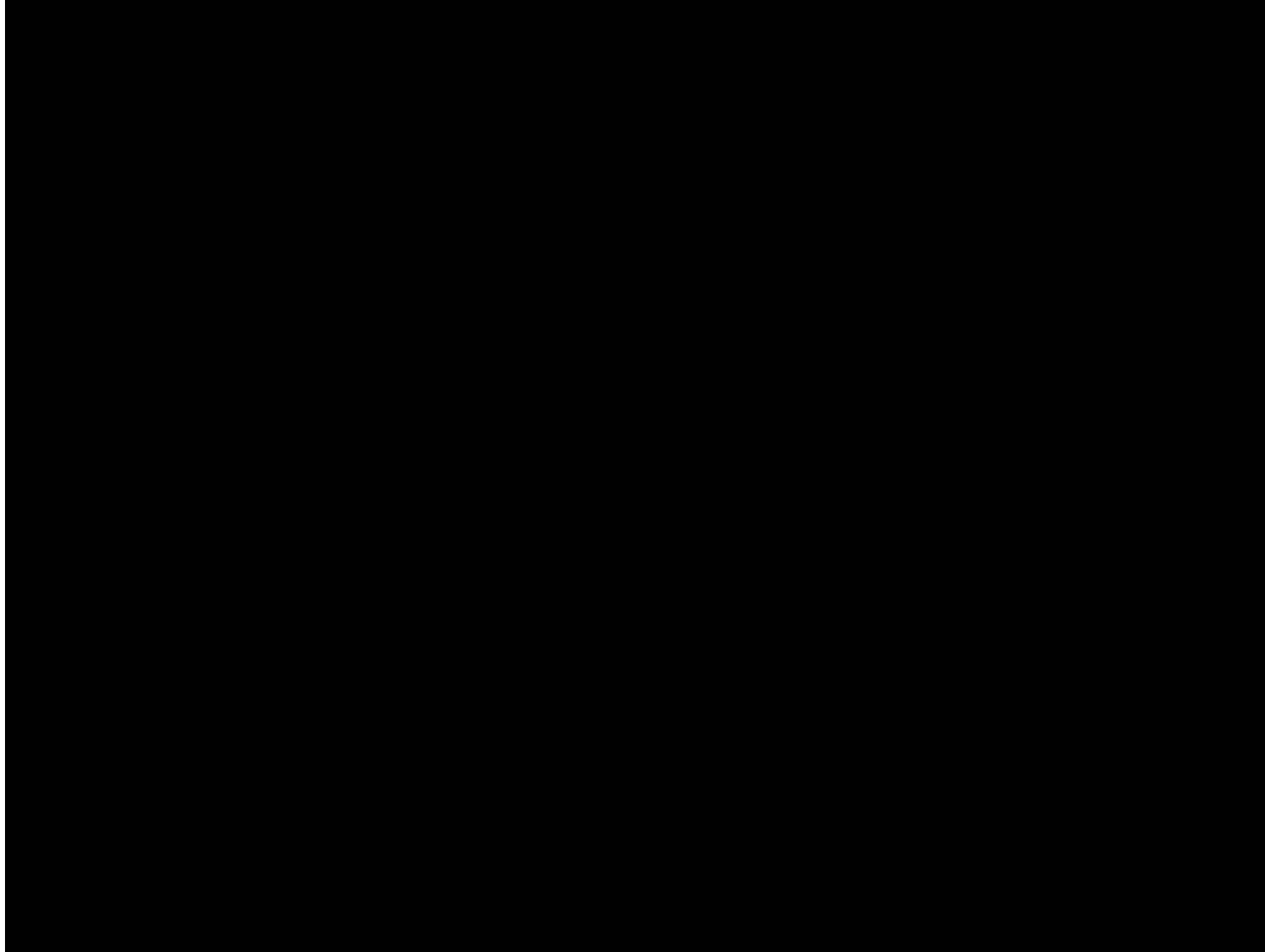
Valtir offers a variety of roadway solutions to all 50 states in the US. They have several regional locations including Pennsylvania, Georgia, Texas, Florida, and Maryland.

- **Strong Distributor Networks**

We partner with a strong network of distributors worldwide to make sure our products are accessible and meet local safety standards.



Why Truck Mounted Attenuators?



Distracted Drivers



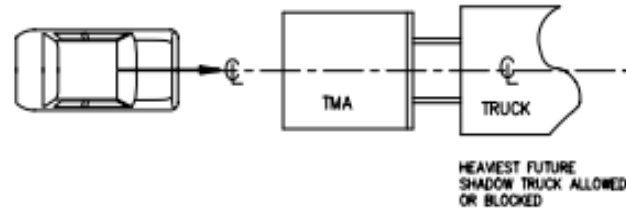
TL-1 (50 km/h = 31 mph)
 TL-2 (70 km/h = 43.5 mph)
 TL-3 (100 km/h = 62.1 mph)

AASHTO MASH TEST MATRIX TRUCK & TRAILER-MOUNTED ATTENUATORS (TMA'S)

→ = 1100C
 → = 2270P

TEST 50

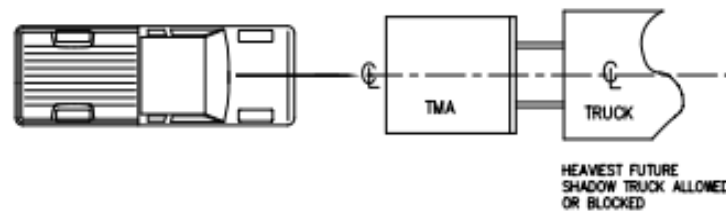
1100C/___km/h/0°



C, D, F, H, I

TEST 51

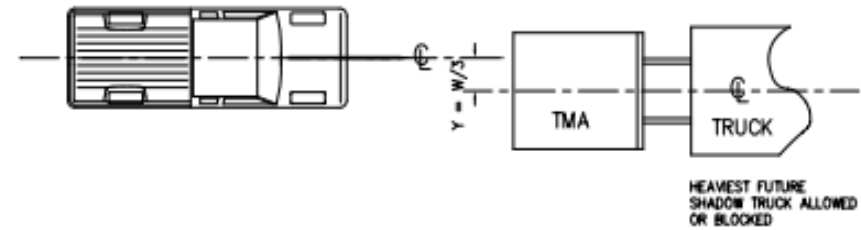
2270P/___km/h/0°



C, D, F, H, I

TEST 52

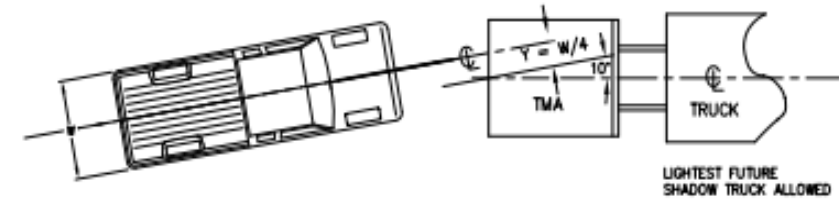
2270P/___km/h/0°



C, D, F, H, I

TEST 53

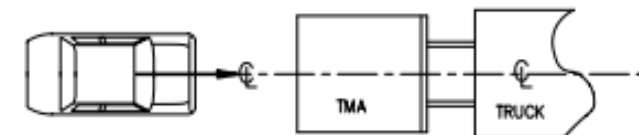
2270P/___km/h/10°



C, D, F, H, I

TEST 54

1500P/___km/h/10° (OPTIONAL)

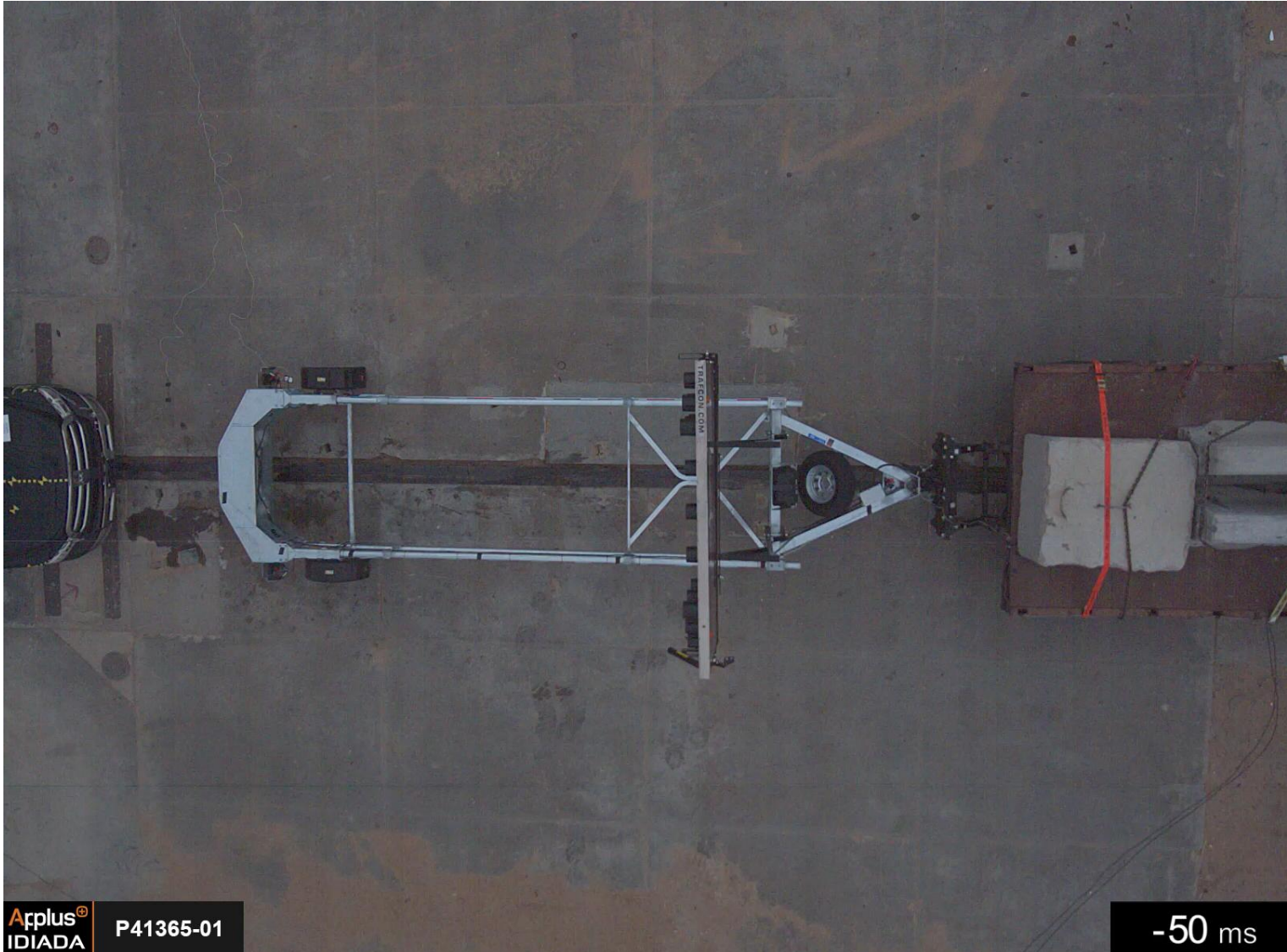


C, D, F, H, I

TEST MATHEMATICALLY FIRST
 THEN FULL SCALE AS
 NECESSARY
 (OPTIONAL)

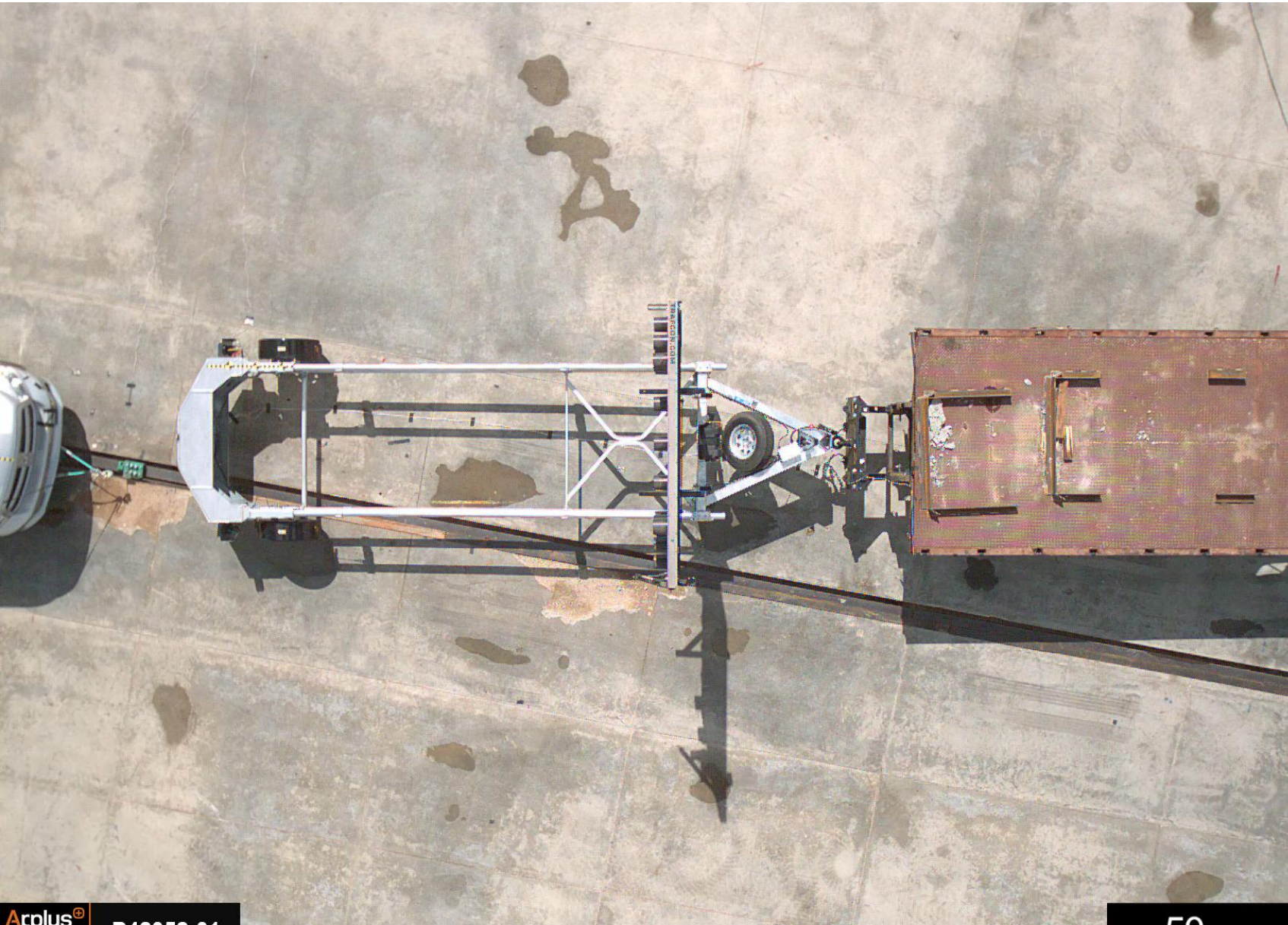
MASH 2016 Testing

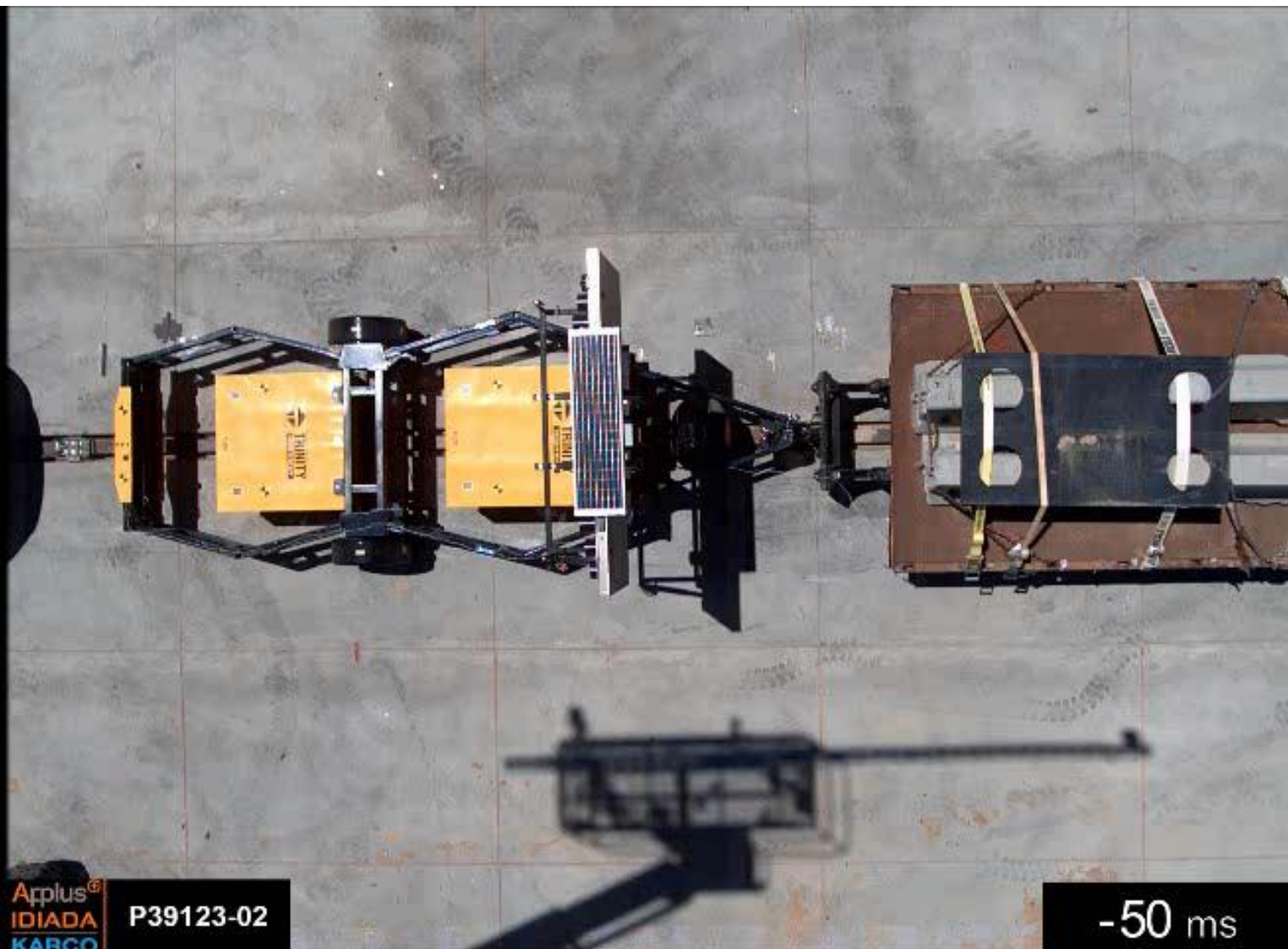
- Test Level 3 - 5000 lb. Quad Cab Pickup Truck at 62mph (100kmh)



VORTEQ M[®]

3-53





Applus®
IDIADA
KARCO

P39123-02

-50 ms

KYTC's Use of Traffic Attenuators



Team Kentucky values safety above everything.

#1 Goal: Promote safety in all decision making, which includes the safety of our employees and the traveling public.



Activities in work zones along high-speed roadways expose workers to significant risks from oncoming traffic, making KYTC maintenance and construction staff some of the most vulnerable road users.





When placed behind slow moving or stationary maintenance vehicles, attenuators reduce the risk of serious injury and death for the workers in the work zone, as well as the occupants of the errant vehicle.



When used properly, attenuators reduce injuries and protect equipment from vehicles entering the work zone due to inattention, distractions, impairment or other issues.



KYTC Operations Using Attenuators

Mobile
Operations
such as
pothole
patching

Stationary
jobs on
shoulder or
roadway

Protect slow
moving
equipment
that cannot
maintain
speed limit

Protect
workers
setting up
traffic
control



KYTC History of Attenuator Strikes

10 struck since
2023 with no
serious Injuries
or fatalities

- 3 stuck
in past 3 months
- Impairment
 - Distraction
 - Speed

Based on the recent history of past strikes of KYTC-owned attenuators, a benefit-cost analysis indicates the purchase of up to 70 attenuators could yield a benefit-cost ratio of 2:1 over a 7-year period (an average useful lifespan of an attenuator).



Results

In the past year, KYTC has been able to secure almost \$3,000,000 for the purchase of safety equipment with \$2,000,000 going toward attenuators.

Attenuators and other designated safety equipment save lives and help prevent equipment damages.



@KYTC



@KYTC120



@KYTransportation



@KYTransportation

QUESTIONS?



transportation.ky.gov

Valerie.Januski@Ky.gov

859-630-4739





Location

200 Judge Kenneth H. Goff Drive
Leitchfield, KY 42754

In Attendance

Brian Browning, Market Manager

&

Scott Boyd, Senior Regional Account Manager

Who We Are

RoadSafe is one of the nation's largest traffic control & work zone safety companies offering **roadside safety devices & services** and **product sales** throughout **48 States** by way of **60 plus locations** and over **3,000 employees**.

We are headquartered in Chicago and our expertise ranges from daily equipment rentals to complex multi-year projects for highway and commercial building contractors, railroads, utilities, State DOTs/local government, airports, military bases, schools, universities, hospitals and many more.

RoadSafe's Core Values

- ▶ **Safety as our foundation** – to operate in a way that ensures every employee will return home safely at the end of their shift and every customer and motorist can be safe alongside our work.
- ▶ **Integrity and professionalism** – to always demonstrate honesty and fairness in every action that we take, valuing our co-workers, suppliers and stakeholders.
- ▶ **Stewardship** – to build a better, stronger company to meet our commitments to stakeholders and to commit to help improve the communities we serve while recognizing and rewarding the achievements of our employees.
- ▶ **Customer satisfaction** – to be responsive and relevant, consistently delivering value to create long-term relationships with our clients and help them succeed.
- ▶ **Continual improvement** – to invest in developing our people and simplify and improve our best practices.





Core Product & Services

- Traffic Control Services
- Pavement Marking Services
- Crash Cushions Services
- Barrier & Barricade Services
- Work Zone ITS Services
- Truck-Mounted Attenuator (TMA) & Traffic Safety Vehicle build and upfit services



EMERGENCY RESPONSE

STEEL BARRIER / CRASH CUSHION DEPLOYMENT



12/22/2024 Tennessee



TMA Truck Build & Upfit Services

- ▶ Custom TMA Truck Builds
- ▶ Upfit Services
- ▶ Rental & Resale Offering
- ▶ Quality Used Cab-Chassis
- ▶ MASH-rated Truck Mounted Attenuators
- ▶ Customers Include:
 - ▶ Ohio Department of Transportation
 - ▶ Tennessee Department of Transportation
 - ▶ Private Contractors



