

NTSB Update on Current Crash Investigations



U.S. Department of Transportation
Federal Motor Carrier Safety Administration

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Federal Motor Carrier Safety Administration

2024

SAFETY
RESEARCH
FORUM

VIRTUAL EVENT



Agenda

- What is the NTSB?
- Current crash investigations
- Completed crash investigation
- Repeat causal factors
- Countermeasures

What is the NTSB?



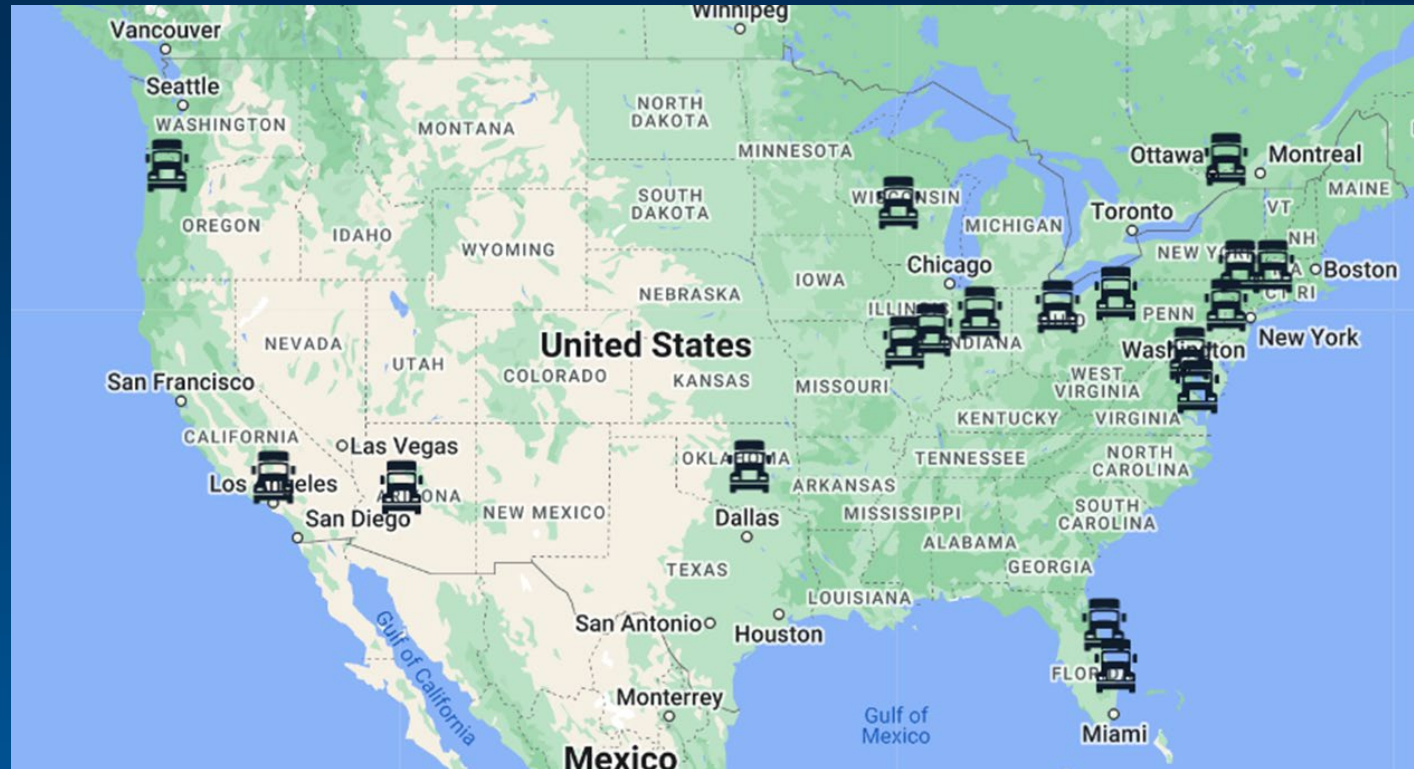
Independent Federal Agency
Aviation, Marine, Rail, Pipeline
and Highway

Headquartered in Washington,
DC

400 staff nationwide

Mission: Probable cause and
issue safety recommendations

Current Crash Investigations



Louisville, NY

January 28, 2023



2013 Chevrolet Express Micro Bird Bus



2021 Freightliner Straight Truck

Millersburg, OR

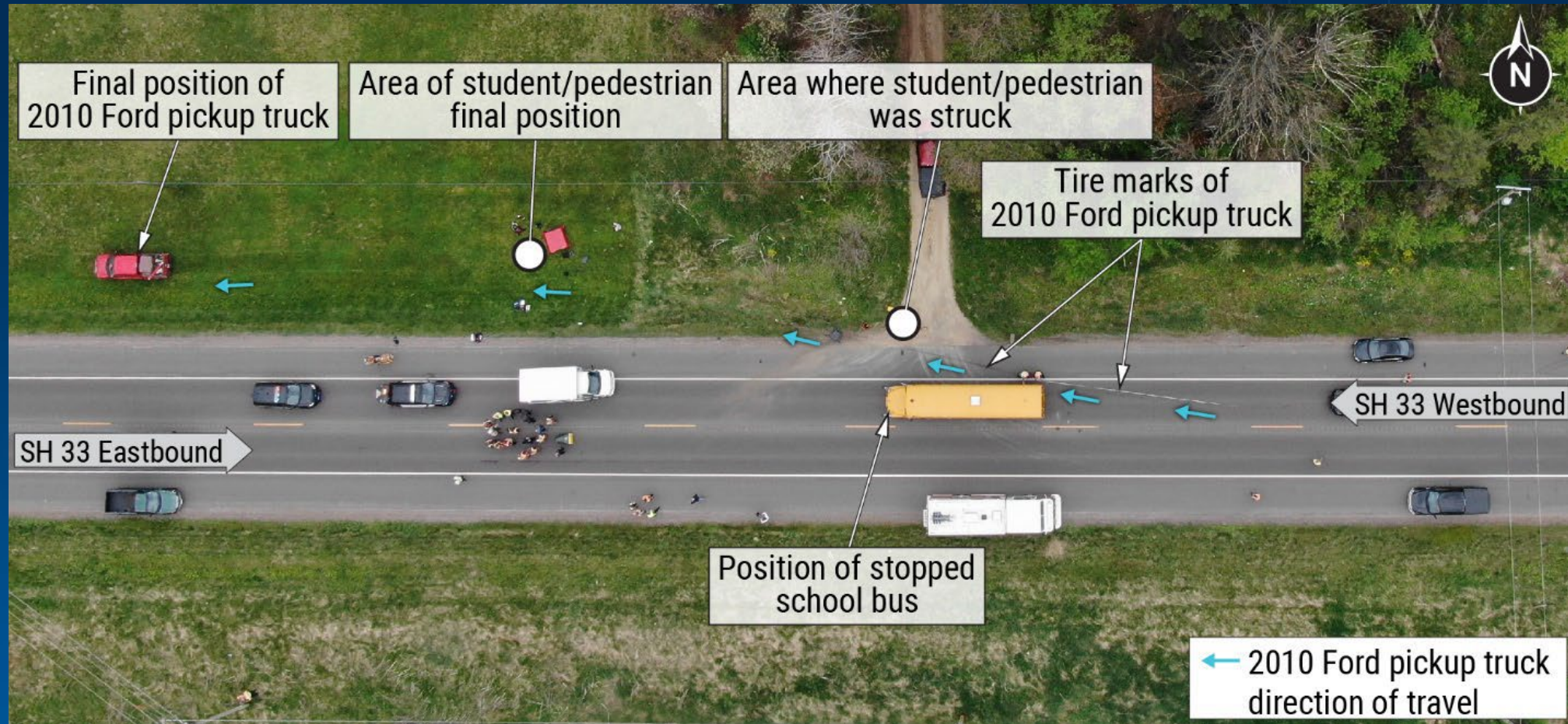
May 18, 2023



Source: KPTV

Excelsior, WI

May 12, 2023





Highland, IL

July 12, 2023



Wawayanda, NY

September 21, 2023



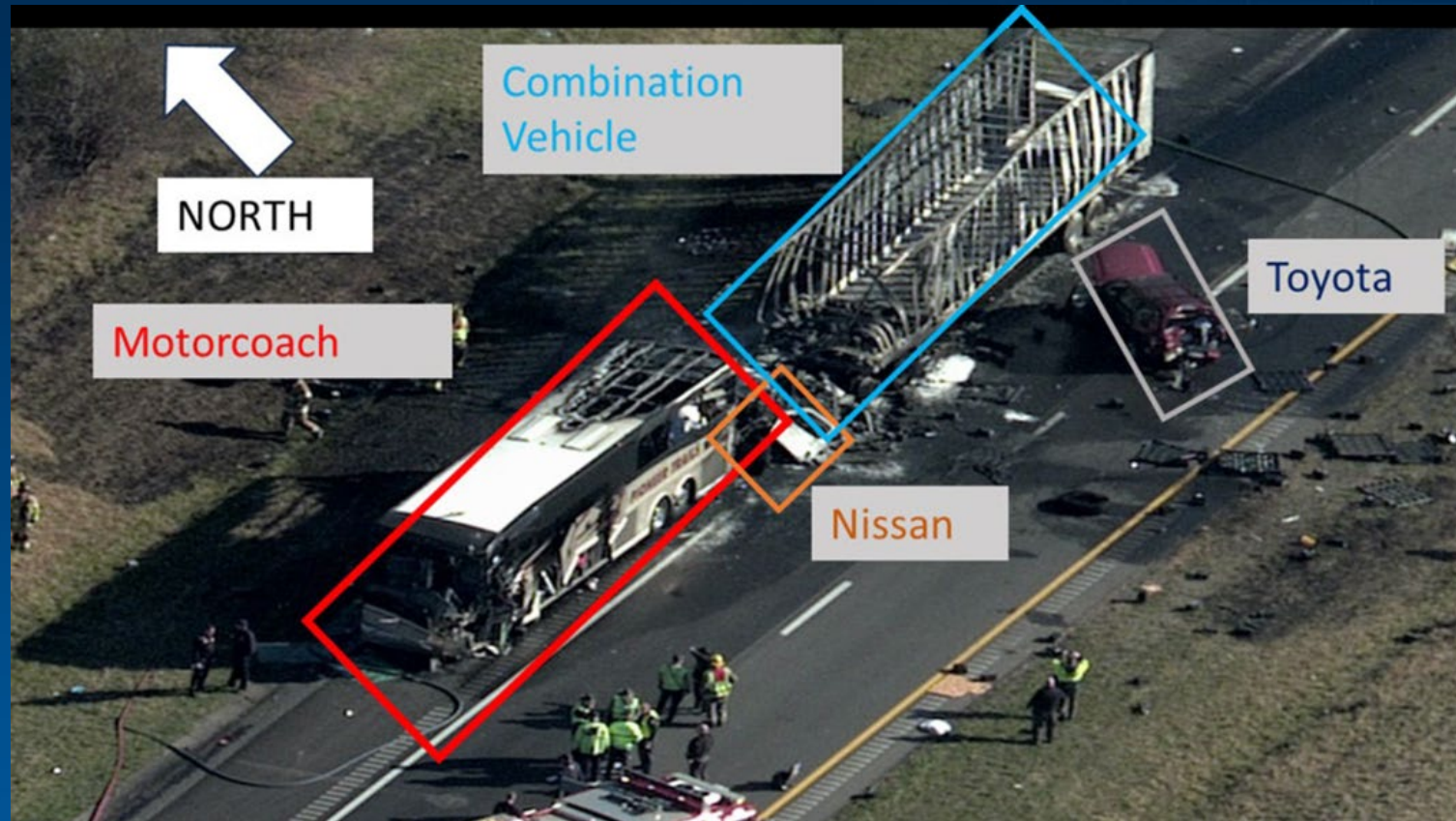
Teutopolis, IL

September 29, 2023



Etna, OH

November 14, 2023



Rushville, IL

March 11, 2024



Completed Investigation

- Collapse of the Fern Hollow Bridge: 1/28/2022
- Board Meeting: 2/21/2024
- Report Number: HIR-24-02

Pittsburgh, PA

January 28, 2022



Repeat Causal Factors in Past Investigations

Human Factors

- Fatigue
- Distraction
- Impairment

Operations

- Inadequate safety culture
- Improper use of driver monitoring systems
- Lack of fatigue management system

Countermeasures - Drivers Should...

- Minimize all distractions and follow federal regulations about cell phone use.
- Follow posted speed limits; drive even slower in bad weather.
- Stay healthy! Take breaks and exercise, manage fatigue, and avoid driving while taking impairing medications —prescription and over-the-counter.
- Wear seatbelts. And ensure your passengers do too!
- Drive sober — never get behind the wheel while impaired by drugs or alcohol.

Owners/Managers Should...

- Implement a fatigue management program based on the North American Fatigue Management Program. (www.CVSA.org).
- Purchase trucks equipped with underride protection, advanced speed-limiting technologies, collision avoidance systems (then train drivers on their use).
- Establish policies to address driver medical fitness for duty.
- If you have installed driver monitoring system, implement a coaching program to improve driver behavior.

[Home](#) > [Advocacy](#) > [Safety Topics](#) > [School Bus Safety](#)

School Bus Safety



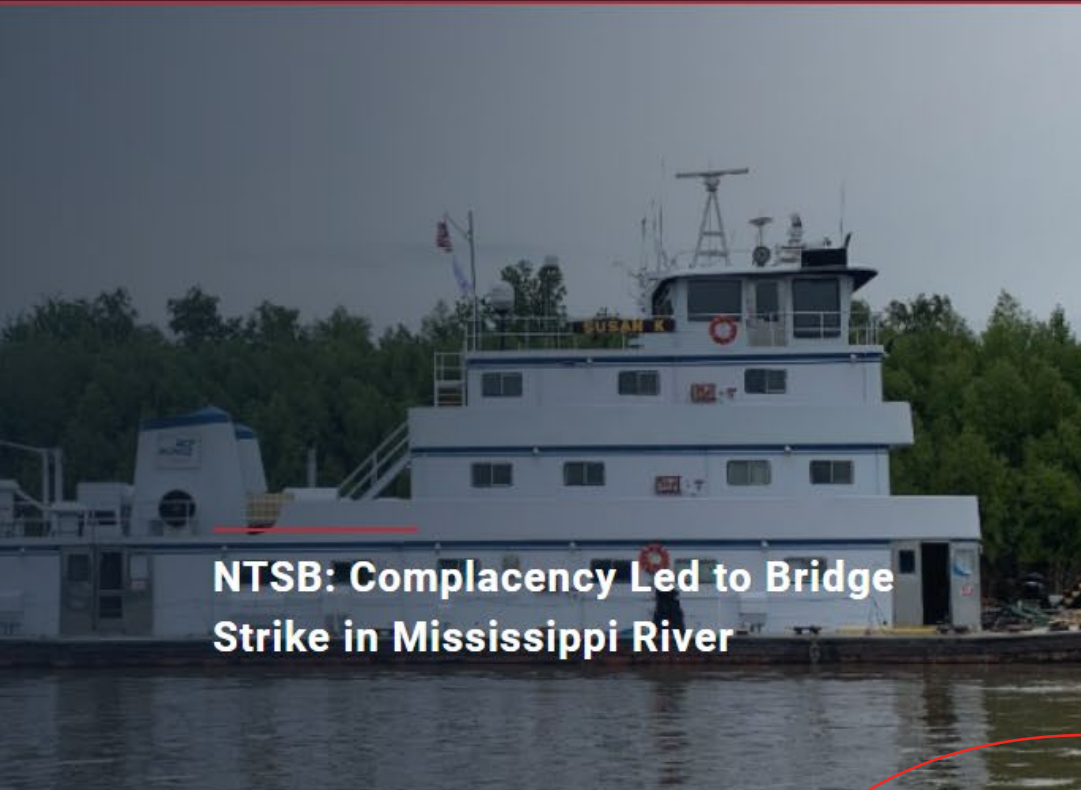
FMCSA Safety Research Forum 2024

Every day across the country, nearly 500,000 buses carry more than 25 million students to and from

Topics:

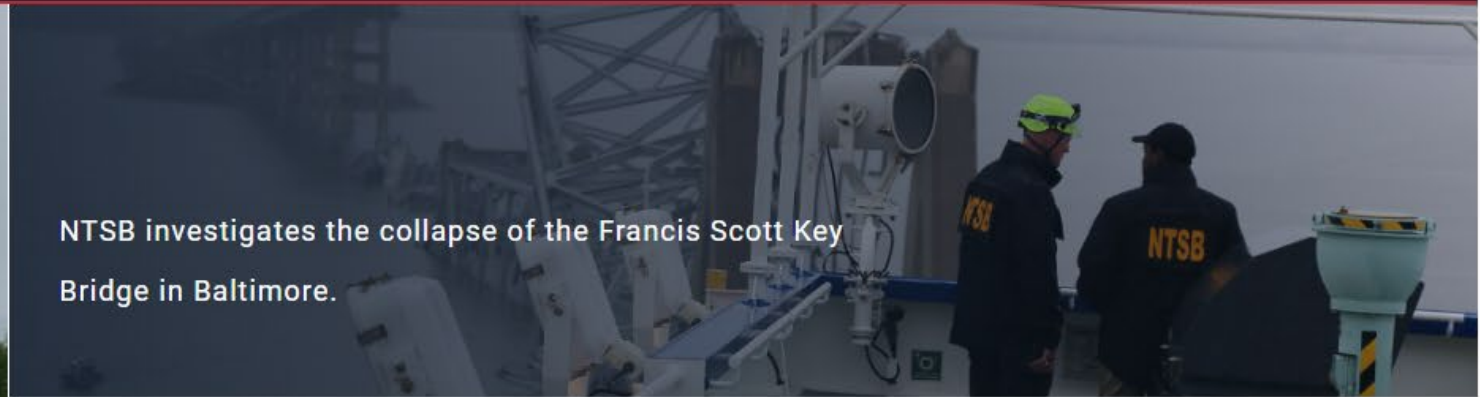
- [Seat Belts on School Buses](#)
- [Illegal Passing of Stopped School Buses](#)
- [Vehicle Technology](#)
- [Presentations](#)

Resources:

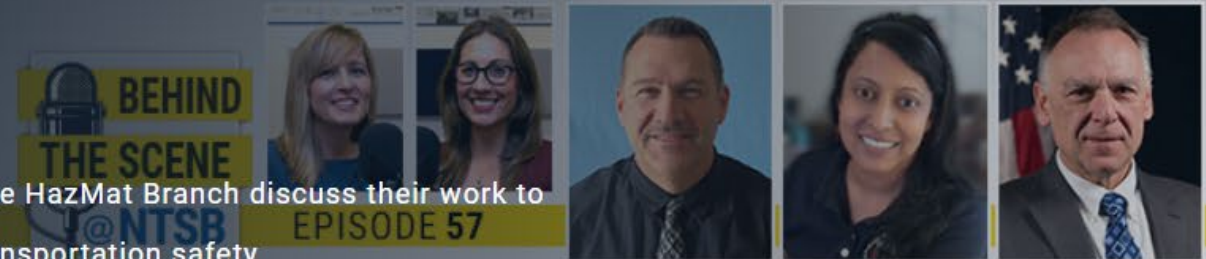


NTSB: Complacency Led to Bridge Strike in Mississippi River

NTSB investigates the collapse of the Francis Scott Key Bridge in Baltimore.



Listen to the HazMat Branch discuss their work to improve transportation safety



Search Investigation and
Recommendation Data (CAROL Query
Tool)

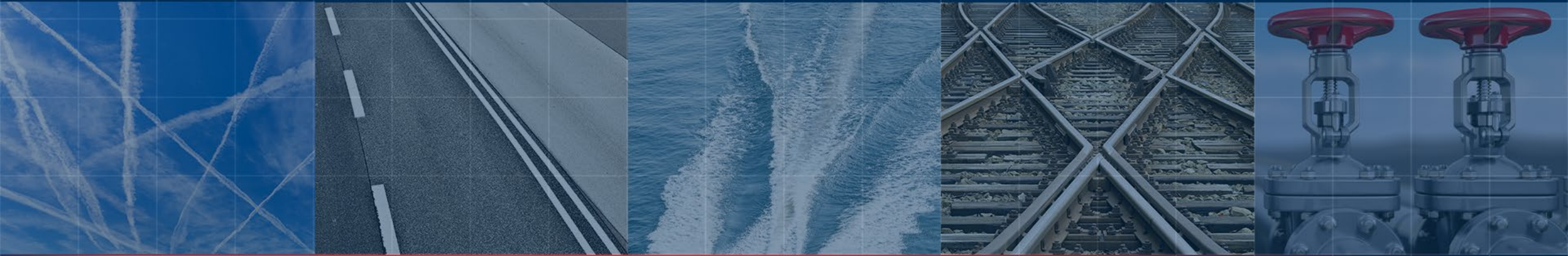
[Search CAROL](#)

Search for Investigation Case Materials
in Our Dockets

[Search Dockets](#)

Pilots & Public Safety Agencies: Report
a Transportation Accident or a TCAS
Resolution Advisory

[Report an Accident](#)



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