

# Drivewyze<sup>®</sup>

## Smart Roadways

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Technological Solutions to the Truck Crash Picture:  
Timely and Relevant Information

Mark Savage, Director of Connected Truck Solutions, Drivewyze

# Drivewyze Vision Zero

We are enabling a safe and efficient commercial vehicle transportation system with ZERO crashes and ZERO fatalities.



# The Drivewyze Connected Truck Network

We have reach into  
**2.8M trucks** through  
ELD partners and our  
own apps for truck  
drivers



# CMVs have a **BIG** Impact on Road Safety



- The number of fatal crashes involving large trucks in the United States has grown 27%\* in the past decade.
- In 2020, 26% of all fatal crashes in work zones involved at least one large truck.

An alert driver is a  
safe driver.



More than

**1 in 3**

**truck drivers**

have had one  
serious crash  
during their  
career...

...& more than

**1 in 8**

**truck drivers**

has had 2  
or more.



# Drivewyze Smart Roadways Overview

## WITH PROACTIVE/REAL-TIME ALERT

Driver is in a safer scenario and has more time to react.

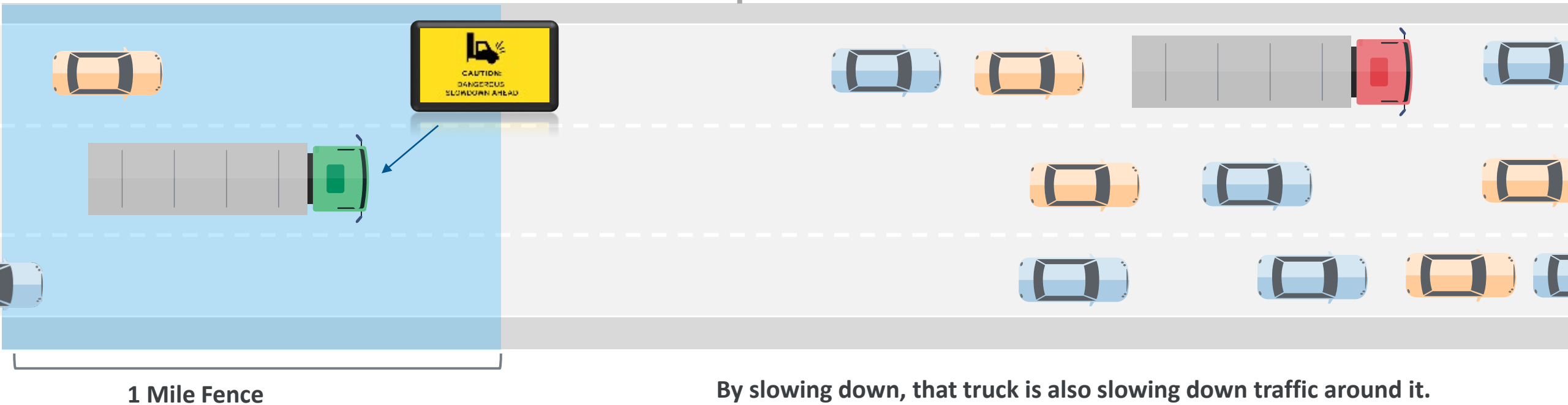
With a proactive alert the driver has time to adjust and react while it is still safe to do so.

VS

## WITHOUT ALERT

Driver, now in a more dangerous scenario, has less time to react.

In a more congested scenario, the driver has less time to react and fewer safe options are available to them.



# Drivewyze® Smart Roadways Platform

## Risk Data

- Data Partners
- Your Own Data

## Management

- Locations of Interest
- Alert Libraries and Messaging

## Program Analytics

- Driver Response
- Traffic Management





# Smart Roadways – Work Zones

Agencies are facing ongoing concerns over critical traffic events involving work zones. Truck drivers have limited awareness of traffic incidents caused by upcoming work zones, often leading to primary or secondary accidents.

Work Zone Alerts help to protect highway construction crews by providing timely in-cab alerts to approaching truck drivers. **Increasing truck driver's situational awareness through real-time alerts can reduce the risk of collision by up to 90%.**

## Features

- Agency curated corridors to monitor for work zone incidents
- Options for proactive static alerts and or dynamic real time alerts
- Agency curated message content for Lane Closures and Work Zones
- Insights on alerts, driver response behavior and alert trends
- Alerts powered by Smart Work Zone Partners or Agency Data
- Online Self-Service Management Tools



# Work Zone Notifications

- Data can come from a number of sources, incl. HAAS Alert and INRIX
- Current Volpe WZDx data format for message sets including original 2<sup>nd</sup> version
- State-operated Work Zone Databases
- 3<sup>rd</sup> party Work Zone systems



Georgia  
North Carolina  
New Jersey  
Penn Turnpike  
Ohio



# But, Do We Need More Notifications?

NEWS

## I-70 West remains closed near Underwood following fiery crash

**Christine Holmes** Zanesville Times Recorder

Published 8:08 a.m. ET Jan. 4, 2022

[View Comments](#)



ZANESVILLE — Interstate 70 remains closed to westbound traffic Tuesday morning after a late-night crash near Underwood Street.

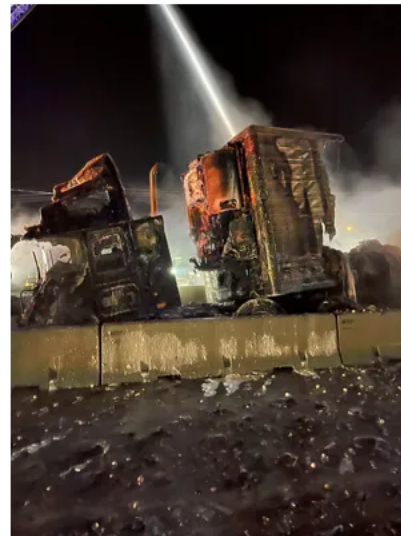
According to Travis Roach of the Muskingum County Emergency Management Agency, a semi-truck caught fire after striking a newly-installed construction barrier in the area.

The driver was able to escape without any injuries.

No other injuries were reported.

EMA was called to the scene after 11:30 p.m. due to leaking diesel fuel.

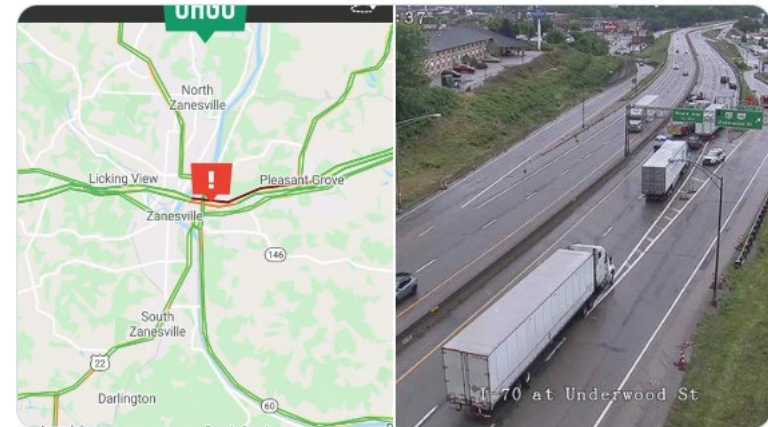
Roach said the plan is to eventually get



The driver of a semi truck that caught fire after a crash on I-70 near Underwood Street escaped with no injuries Monday night. The westbound lanes of the interstate remain closed this morning. *Photo Provided By Muskingum County EMA*

Ohio Dept of Transportation  
@ODOT\_Statewide

MUSKINGUM CO: I-70 West CLOSED 2.4 miles beyond SR-93/Zanesville (MM: 155.1), due to a crash. Use alternate route and check [OHGO.com](https://www.ohgo.com) for updates.



ODOT EastCentralOhio

3:29 PM · Jul 11, 2021 · Twitter for Android

# CMV Alert Effectiveness Study

Preliminary results show that alerts do positively impact driving behavior relative to drivers not alerted.



Study conducted for I-95 Southbound Workzone near Fayetteville, for Jan 14 – Mar 4 based on 4220 visits.

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