



U.S. Department  
of Transportation  
**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

OFFICE OF DEFECTS INVESTIGATION



**Investigation:** PE24012  
**Prompted By:** SGO Incident Reports  
**Date Opened:** 04/25/2024  
**Investigator:** Joseph Teitelman      **Reviewer:** Peter Kivett  
**Approver:** Tanya Topka  
**Subject:** Collisions Involving Ford BlueCruise

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Ford Motor Company  
**Products:** 2021-2024 Ford Mustang Mach-E vehicles equipped with Co-Pilot360 Active 2.0  
**Population:** 130,050 (Estimated)

**Problem Description:** Subject vehicle collisions with in-road stationary vehicles

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
<b>All Incidents:</b>	0	0	0	2	2	0
<b>Crashes/Fires:</b>	0	0	0	2	2	0
<b>Injury Incidents:</b>	0	0	0	2	2	0
<b>Number of Injuries:</b>	0	0	0	2	2	0
<b>Fatality Incidents:</b>	0	0	0	2	2	0
<b>Number of Fatalities:</b>	0	0	0	3	3	0

**Description of Other:** Reports of crashes involving the subject vehicles submitted under SGO 2021-01

## ACTION/SUMMARY INFORMATION

**Action:** Open this Preliminary Evaluation (PE)

**Summary:**

The Office of Defects Investigation (ODI) has received notice of two (2) incidents involving Ford Mustang Mach-E vehicles that collided with stationary vehicles, which were located within the travel lanes of controlled-access highways. Both collisions occurred during nighttime lighting conditions, and each incident resulted in at least one fatality. The incident reports received by NHTSA were submitted under Standing General Order 2021-01 (SGO). ODI's initial investigation of both incidents confirmed that BlueCruise was engaged in each of the subject vehicles immediately prior to the collision.

Ford vehicles equipped with Co-Pilot360 Active 2.0 have a suite of driver assistance technologies including

partial driving automation features that provide lane and speed maintenance with the expectation that the driver actively supervises the system's performance. One such feature, BlueCruise, is only available on certain roadways and uses a camera-based driver monitoring system to determine driver attentiveness to the roadway. BlueCruise was introduced in model year 2021 and is currently available in a range of Ford and Lincoln vehicles.

ODI has opened this Preliminary Evaluation to investigate the Ford BlueCruise system equipped on the subject vehicles. This investigation will evaluate the system's performance of the dynamic driving task and driver monitoring. The SGO reports cited in the Opening Resume can be found in the investigation file at [NHTSA.gov](https://www.nhtsa.gov). under the following titles:

SGO 2021-01 report ID: 502-7268

SGO 2021-01 report ID: 502-7426