



Crash Summary Report

HWY18MH010

Tempe, AZ

The information in this report is preliminary and will be supplemented or corrected during the course of the investigation.

About 9:58 p.m. (local time) on Sunday, March 18, 2018, a 2017 Volvo XC90 being operated as a test vehicle by Uber Technologies, Inc., and operating in autonomous mode, struck a pedestrian on northbound Mill Avenue, in Tempe, Maricopa County, Arizona. The vehicle was occupied by one vehicle operator, a 44-year-old female. There were no passengers in the vehicle.

The crash occurred as the pedestrian, a 49-year-old female, walked her bicycle east across Mill Avenue, where she was struck in the right through lane by the front right side of the vehicle. As a result of the crash, the pedestrian was killed. The vehicle operator was not injured.

In the area of the crash, northbound Mill Avenue consisted of two left turn lanes, two through lanes, and one bike lane. The crash occurred before the formation of the right turn lane. The location of the crash was approximately 400 feet south of the intersection with Curry Road, and approximately 300 feet north of the overpass for State Loop 202. In this area, northbound Mill Avenue was separated from southbound Mill Avenue by a center median containing trees, shrubs, and brick landscaping, along with signage warning pedestrians to use the crosswalk. The nearest crosswalk was at the intersection of Mill Avenue and Curry Road. The crash occurred in darkness, although there was roadway lighting in place. The posted speed limit was 45 mph.