

## CRASH ANALYSIS

### Overview

As part of the Phase I study, a crash analysis has been performed for US 20 between Rees Road and W. of Flansburg Road in Stephenson County. The proposed work consists of pavement patching, hot-mix asphalt resurfacing, hot-mix asphalt shoulder widening, profile modifications, and various culvert improvements. The total length of the proposed project is approximately 4.7 miles.

A total of 89 crashes occurred during the studied years, 2017 through 2021, resulting in 27 injuries. Of the 27 crashes that resulted in injury or fatality, four of them resulted in "C" injury, 17 of them resulted in "B" injury, six of them resulted in "A" injury and one in fatality.

### Collision Type

Over the five years of data studied, there were 89 total crashes. The types of crashes were as follows: Fixed Object (30); Animal (17); Front to Rear (10); Turning (7); Sideswipe Opposite Direction (7); Other Non-Collision (6); Other Object (4); Overturned (3); Angle (3); and Front to Front (2).

Figure 1 shows the different types of crashes.

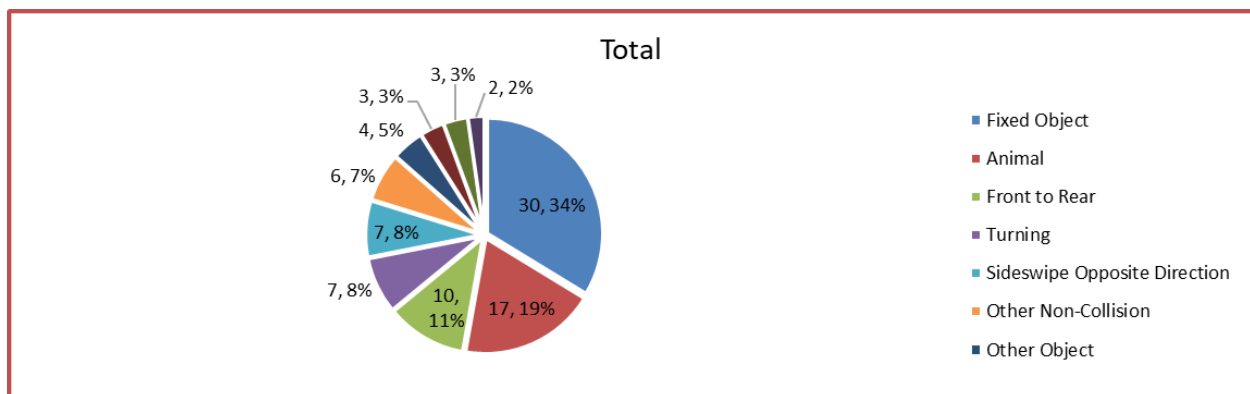


Figure 1 – Collision Type