

Project Purpose and Need

PROJECT NEED

Pavement has exceeded useful life and requires frequent repairs

- Original construction 1975, rehabilitations in 1992 and 2006
- Deteriorating overlays impede efficient drainage

Intersection operations are poor and are anticipated to decline

- High traffic corridor: commercial, institutional and residential land uses
- Long intersection delays and queues, inefficient signal timing/phasing

Traffic signals, congestion and median openings contribute to crashes

- Outdated signal equipment
- Predominant crash types - rear end and failure to yield

Corridor has limited multimodal transportation options

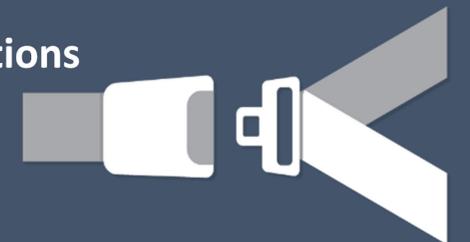
- Pedestrian/bicycle accommodations are limited
- Transit lines along and across the corridor do not connect to sidewalk

PROJECT PURPOSE

- Improve pavement



- Enhance operations and safety



- Incorporate multimodal transportation facilities and enhance accessibility



Safety Analysis



5 YEARS OF CRASHES
WERE EVALUATED BETWEEN
2013-2017

OUT OF 393 TOTAL CRASHES

0.5%
RESULTED IN
FATALITY

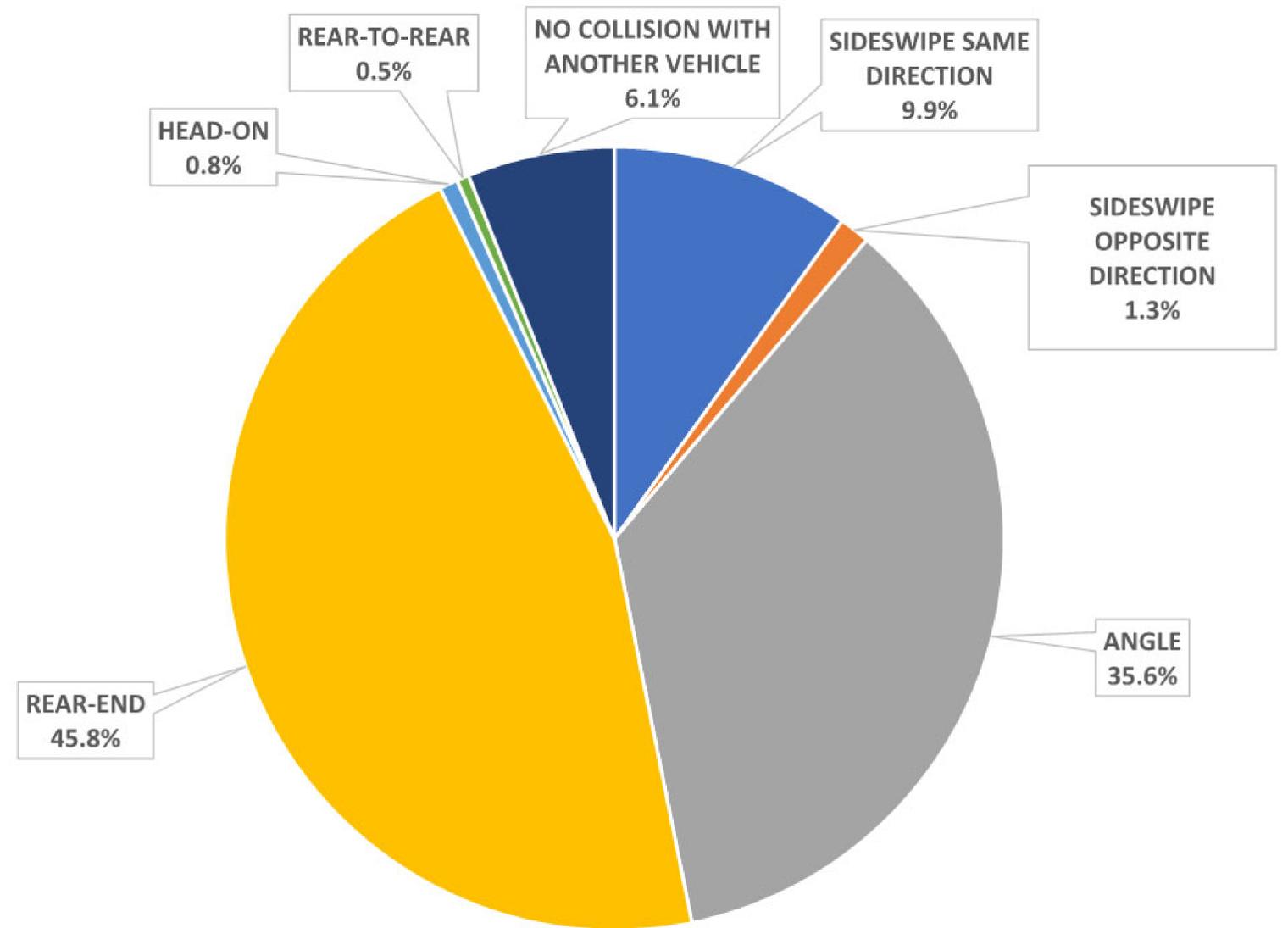
36%
RESULTED IN
INJURY

63%
RESULTED IN
PROPERTY
DAMAGE

Safety Analysis



5 YEARS OF CRASHES
WERE EVALUATED BETWEEN
2013-2017



MANNER OF COLLISIONS - WIS 31 CORRIDORWIDE

Safety Analysis

- 5** SEGMENTS FLAGGED FOR CRASH RATES
- 1** SEGMENT FLAGGED FOR CRASH SEVERITY
- 6** INTERSECTIONS HAVE CRASH FLAGS
- 4** INTERSECTIONS FLAGGED FOR CRASH SEVERITY

