

# 51 Purpose and Need Overview

(AADT= Average Annual Daily Traffic)

## Corridor Overview



Southern Termini = **South City Limits**  
Northern Termini = **North Point Drive**



2017 AADT = **9,000 to 13,700**  
2045 Forecast AADT = **10,300 to 15,700**

Project Length ≈ **3 miles**

## Why are we doing this project?

The purpose of the project is to address the **PAVEMENT**, **SAFETY**, and **MULTIMODAL** needs of Business 51 while ensuring efficient traffic flow.

### Pavement Needs

- 1960** Some pavement dates to the era of JFK's election.
- 70%** Percent of the corridor that has a pavement rating of less than 3 (poor) on the Pavement Surface Evaluation Rating scale of 1-10.
- \$** Pavement repair is no longer cost effective.

### Safety Needs

- 95%** The crash rate north of Ellis St. is higher than 95% of similar roads in WI.
- 5** Number of intersections that have a crash rate above 1.0, a threshold that indicates safety improvements are needed.
- \$10.3 million** The cost to society as a result of Business 51 crashes between 2015-2019.

### Multimodal Needs

- 75%** Percent of corridor sidewalks separated from traffic by 6' or less.
- 85%** Percent of the corridor that does not have bicycle accommodations.
- Pedestrian accommodations in some areas do not meet the standards of the Americans with Disabilities Act.

These needs set the foundation for developing potential improvement alternatives.

