



# Vision Zero for University of Illinois at Urbana-Champaign

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# Overview

- What is the objective of vision zero
- Work conducted as part of vision zero for UIUC campus
- Inputs from IDOT data
- Inputs from survey
- Inputs from focus group



# What is Vision Zero

## Philosophy of Vision Zero


- *“Vision Zero is a philosophy of road safety that eventually no one will be killed or seriously injured within the road transport system”*
- *“It can never be ethically acceptable that people are killed or seriously injured when moving within the road transport system.”*

Bring the philosophy of vision zero to UIUC  
campus





# Work conducted on Vision Zero

- Analysis of crash data obtained from IDOT
  - Conducted survey of campus users to identify
    - Problematic Locations
    - Near miss locations
    - Crash Locations
  - Conducted two focus groups meetings
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# Inputs from IDOT Data

- 2174 crashes were reported within 2014-2018 in campus
  - 1 fatal accident happened at University and Lincoln
  - 471 injury accidents across campus
- Analysis was done at intersections and along corridors
  - More than 87% of the crashes occurred at 48% of the intersections within campus
  - Pedestrian and bike crashes account for 25% of the injury crashes
  - Frequent crash types along corridors include
    - Turning crashes along University Ave.
    - Rear End crashes along Lincoln Ave.
    - Angle crashes along Springfield Ave.

# Inputs from Survey

- Survey was sent out to
  - Faculty and Staff at the University
  - Graduate and Undergraduate students
  - Community members that directly deal with transportation issues
- 477 responses were obtained regarding locations within campus
  - 349 reporting problem locations
  - 85 reporting locations that had a near miss
  - 43 reporting locations that had a crash
- Survey collected information about
  - Why the participant thinks the location is problematic
  - Reason for the incident (accident or near miss) and who were involved

# Inputs from Survey

- Broad issues identified from survey include
  - Vehicle Ped or Bike issues
  - Obstructed view issues
  - Lighting issues
  - Lack of traffic control systems issues
  - Signage and marking issues
  - Traffic queue issues
  - Issues due to lack of bike lane

# Inputs from Focus Group

- Two focus groups were conducted
  - 1<sup>st</sup> included participants who were students or staff at the university
  - 2<sup>nd</sup> included participants from various organizations including
    - Champaign County Regional Planning Commission
    - Bicycle & Pedestrian Advisory Commission
    - Champaign Urbana MTD
    - University of Illinois Police Department etc.
- Both focus group had between 5-15 participants and lasted an hour



# Inputs from Focus Group

- Participants in both the focus group generally agreed that
  - Infrastructure improvements should focus on pedestrians
  - Lighting should be adequate so that peds are visible but not too bright
  - At the campus administration level, safety should be promoted via education
    - Inclusion of safety modules during new student orientation
    - Bike safety quizzes and bike rodeos to familiarize users
  - Safety treatment should be an ongoing process
    - Shorter intervals between campus safety studies
    - Reporting app (Rokwire) to continuously gather feedback
  - Coordination between cities and campus for improving safety



# Thank You

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