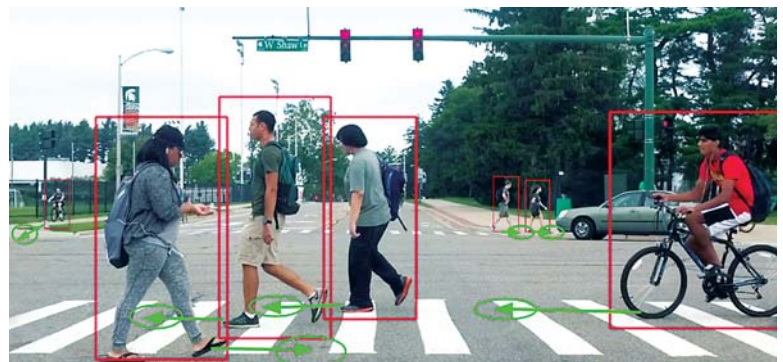


# MICHIGAN STATE UNIVERSITY

## Advancing traffic management in a pedestrian-intense environment

Michigan State University's East Lansing campus is an environment with limited vehicle traffic, but heavy pedestrian and cyclist activity. It offers an excellent opportunity for developing and testing advanced safety and mobility management systems.

In collaboration with state and university partners, MSU will collect data, develop simulations, and test smart and connected systems for improving traffic flow and pedestrian safety.



### CAMPUS MOBILITY GOALS

??-??-??-??-??-??-??-??-??-??  
??-??

??-??-??-??-??-??-??-??-??-??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??

??-??-??-??-??-??-??-??-??-??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??  
??-??-??-??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??  
??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??

??-??-??-??-??-??-??-??-??-??  
??-??-??-??-??-??-??-??-??-??



## msu mobility on campus



► **CAMPUS FACTS**

- Founded in 1855
- Nation's Pioneer Land-Grant University
- Contiguous 5,200 acres (21 km<sup>2</sup>)
- Developed 2,000 acres (8.1 km<sup>2</sup>)
- 545 buildings, 103 for instructions
- 39,000 undergraduate students
- 11,400 graduate students

► **TRAFFIC DATA**

- 113 miles of pedestrian walkways and sidewalks
- 57 lane miles of road
- 20 miles of bike paths
- 37 traffic lights
- 9,228 employee parking permits
- 2,020 student parking permits
- 1,629 commercial parking permits
- 62,759 visitor day parking permits
- 7,850 bicycle permits
- 1,060 licensed motorized vehicles (170 with GPS tracking locators)
- 85 members of MSU Police force - provides flexibility in managing traffic

Suburban

Urban

Industrial

Suburban

Rural

**MSU Mobility Zones**

