

# GRIDSMART. Safety Studies

GRIDSMART Safety Studies, powered by Street Simplified, delivers insights traffic engineers need to prevent common crashes and achieve safer intersections by analyzing frequent safety risks such as near misses involving vehicles, pedestrians, and cyclists; red-light running speeding, and crosswalk compliance.

GRIDSMART Safety Studies provides video-based intersection safety analytics in an easy-to-read dashboard that highlights safety risks and vulnerabilities within the selected intersection. Each study also features an Insight Report that provides actionable countermeasures traffic engineers can take to improve intersection safety.

## SOLVE SAFETY PROBLEMS BEFORE THEY OCCUR

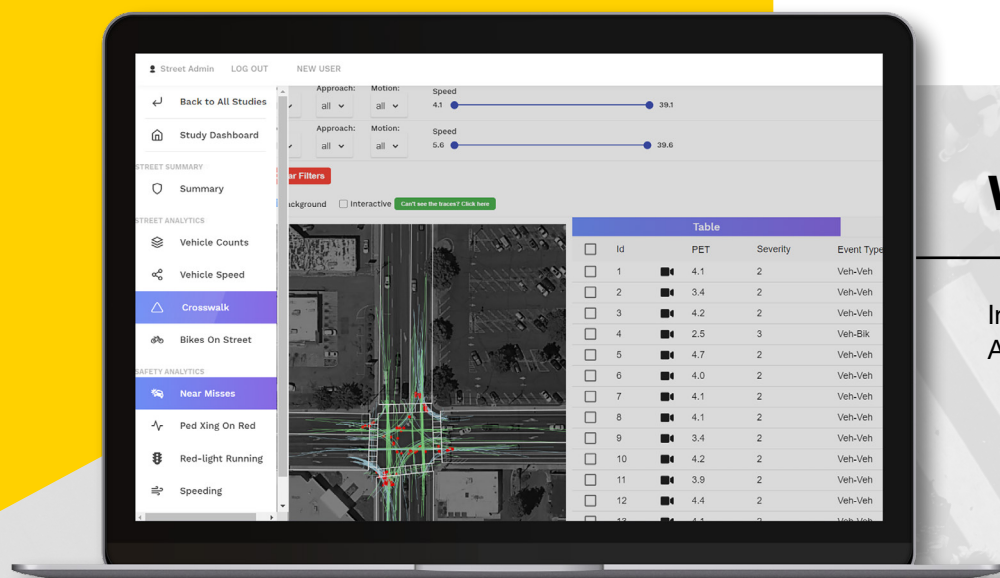
GRIDSMART Safety Studies helps reduce crashes by identifying near miss, speeding, red-light running, and vulnerable road user risk patterns and pinpointing effective mitigations

The **Insight Report** provides actionable countermeasures to resolve safety risks at the intersection and save lives.

**Videos, Reports, and Metrics** provide compelling data that visually communicates immediate risks in the intersection, allowing engineers to see what areas require improvement.

## SCHEDULE A SAFETY STUDY: HOW IT WORKS

1. **Request a 24-hour study** at a location with GRIDSMART detection or an upcoming GRIDSMART installation.
2. **Capture video** on an external hard drive through your GRIDSMART processor.
3. **Process your video** using the Street Simplified analytics engine.
4. **Access your results** using cloud.
5. **Safety experts review** your Insight Report with you, providing suggestions to improve safety at your intersection.



## WHAT'S INCLUDED

- Insight Report  
Access to reports via Cloud
- Speeding
  - Near Misses
  - Red-Light Running
  - Pedestrian/Bicycle Compliance
  - Intersection Blocking