

# NIATT *Research Summary*

Advancing transportation through research and education since 1991

---

## Grass-Roots Data Collection Methods in Rural, Isolated and Tribal Communities

---

### Principal Investigator

**Kevin Chang**, Civil and Environmental Engineering



### Sponsor

Center for Safety Equity in Transportation (CSET)

### Description

Transportation agencies rely on good data for planning, design, and operations. While extensive procedures for the collection and dissemination of motor vehicle volumes and speeds have been developed over time, these same procedures do not always provide corresponding pedestrian and other non-motorized modal data. As system-level pedestrian data is limited, the ability of an agency to make an informed decision as to where potential needs are greatest is constrained. In rural, isolated, and tribal communities, these needs are further magnified as data may be entirely or almost completely non-existent.

For these reasons, this project will explore the development of low-cost, low-intrusion methods of collecting pedestrian travel data. Project: 851712