

ALL-WEATHER COLLECTION

ACCURATE DATA

QUICK TURNAROUND

HISTORICAL DATA

LOW COST VS. HIGH VALUE



## TRAFFIC DATA COLLECTION



Before investing in improvements for your traffic and transportation projects, it is important to know if the solution will or will not meet your needs and addresses your traffic and safety challenges. Traffic data collection is the first step in evaluating proposed improvements and solutions.

Shive-Hattery has the ability to quickly and accurately gather traffic data along a corridor or at target intersections for all types of modes of transportation including lights, trucks, pedestrians, bikes and buses. Traffic data collection will empower you with better knowledge of the existing traffic patterns. This will lead to cost-effective and quality designs and a better return on your investment in road improvements.

### TYPES OF STUDIES

- Turning movement counts
- Typical intersections
- Roundabouts
- Road volume count
- Vehicle gap data
- Sidewalk junction count
- Sidewalk volume count
- Time to travel data

### MULTIMODAL TRAFFIC CLASSIFICATIONS

- Lights
- Motorcycles
- Buses
- Trucks
- Bicycles on roads and/or crosswalks
- Pedestrians on crosswalks

### DATA APPLICATIONS

- Measure intersection delay
- Signal warrants
- Roundabout justification
- Crash statistics
- Vehicle emissions
- Growth rates
- Future traffic volumes based on existing network
- Turn lane warrants
- Circulation study
- Road diet analysis