

Why Choose Cyclomedia for Your Transportation Project?

Speed, Accuracy, Reliability



- Using Machine Learning techniques and advanced automation tools Cyclomedia delivers the highest quality and most efficient extracted GIS-based datasets
- Combination of precise, high resolution, parallax-free, 360° imagery combined with LiDAR-based data extraction of DOT assets and road characteristics support and enhance:
 - **MIRE & Highway Safety** (MIRE elements, superelevations, pavement striping/messaging, traffic controls, drainage/ponding analysis)
 - **Asset Management & TAMP** (signs, guardrails, bridges, signals, drainage, ITS, and more)
 - **ADA Compliancy & Reporting** (ped ramps, sidewalks, crosswalks, and many more)
 - **Highway Planning & HPMS** (lane counts/type, shoulder type/width, medians, ped facilities, and more)
 - **Bridge Inventory & Vertical Clearances**
 - **ARNOLD Collection & Validation**
- The highest resolution & most accurate street level imagery in the industry (**≤ 2cm relative accuracy and ≤ 10cm absolute accuracy**)
- Large mobile fleet and leading-edge automation allows us to collect AND **deliver entire statewide inventories in weeks**, not months

What our Customers are Saying

"Cyclomedia is well positioned to be the front-runner in asset and data collection by pioneering innovative technologies that enable delivery of high-quality products and services."

- David Lee, TDOT Assistant Director
of Long Range Planning

"ITD was astounded at how quickly our project came together. Vehicle-based collection started the last day of June 2020 and our entire state highway system was driven in under three weeks! Processed roadway imagery and LiDAR depth surface rapidly started appearing in Street Smart."

- Nicholas Sterbentz, ITD Project Manager