

Motorized & Non-motorized Traffic Video Processing Specifications

Purpose

The Wichita Area Metropolitan Planning Organization (WAMPO) uses Miovision cameras and associated hardware to collect video recordings for motorized and non-motorized traffic counts at locations of interest. The resulting raw video must be processed to produce usable traffic-count data. For fall 2026, WAMPO is seeking a qualified service provider to process video for up to 18 locations. Each location may include up to 24 hours of raw video. Each completed video-processing location is referred to in this document as a study.

Specifications

The service provider's final data and reporting deliverables must meet the following requirements.

- Required Report Outputs: For each study, as applicable to the location and available video data, provide:
 - Raw, individual observations as they occur, without time binning.
 - Time-binned counts in 15-minute and one-hour intervals.
 - Peak Hour Factor (PHF).
 - Motorized turning-movement counts.
 - Non-motorized crosswalk direction data.
 - Non-motorized counts by classification, including pedestrian and bicycle counts.
 - An assessment of raw video quality, including an accuracy statement or claim.
 - An image or graphic visualization showing non-motorized counts and travel directions.
- The service provider must provide the following data-access and retrieval capabilities:
 - Seamless integration with WAMPO's existing repository for motorized and non-motorized count data.
 - Cloud-based storage capacity that retains study reports indefinitely for end-user retrieval.
 - A fully interactive report-generation dashboard that allows end users to select:
 - Time-bin aggregation level: 15-minute or one-hour intervals.
 - Inclusion of motorized turning movements.
 - Inclusion of non-motorized crosswalk direction data.
 - Downloadable file format: CSV, Excel, PDF, UTDF, and GEOCOUNTS.
 - A dashboard that allows users to review the source video alongside time-binned count estimates to support efficient quality-control review.

Notice of Overhead Rate Documentation Requirements

If fees include labor and overhead, the selected vendor should be prepared to submit an audited overhead schedule for themselves and all subcontractors during the contract negotiation phase for the purpose of overhead rate verification.