
7-day 24-hour counts

All counts should be made when school is in session; approval may be obtained from DOTD for counts taken while school is not in session. Taking counts during holiday weeks and during special events or inclement weather shall be avoided. If counts are being taken and weather becomes a factor during the time of the counts, note such conditions as well as any accidents that may have occurred. DOTD will supply the count map with locations and the type of counts to be collected. 7-Day 24 hour counts are typical, but a 48-hour classification count may be acceptable if approved by DOTD traffic personnel.

7-day 24-hour counts with classifications

7-day 24-hour counts shall be taken along the corridor for an overall flow representation. The 7-day 24-hour count will be able to show if the corridor is experiencing any unique traffic patterns or if the corridor experiences peak periods during weekend or non-traditional peak periods. If there is a known event location, such as a park, concert hall, school, movie theater, etc., 7-day 24-hour counts should be considered on all approaches. Please be cautious when placing the tubes for data collection. The tubes should be placed far enough upstream of the intersection that it captures vehicle throughput as well as vehicle demand.

Counts will include classification information. All 7-day 24-hour count data will be provided on a CD with the summary and pertinent information included in the report and/or appendix. In areas where it is impossible to place tubes in free flow locations, the tubes should be set for volume only and not classification. Consult with DOTD before making decisions on not obtaining classification on these type of counts.

Vehicle Classification Categories

Vehicle classification categories should comply with the guidelines established by FHWA. DOTD requires three categories: automobiles (classes 1-3), buses/Single Unit (classes 4-7) and trucks (classes 8-13).