
TRAFFIC MONITORING HANDBOOK

I. PURPOSE



Video 1 Introduction to Handbook

The Florida Department of Transportation (the Department) conducts traffic surveys to determine the volumes and types of vehicles and the weight of trucks using the highway network of Florida. Traffic surveys provide information essential to the general administration of highway programs. Traffic data are fundamental to determining vehicle miles of travel, project design parameters, highway classification, and the level of service provided by a highway facility.

The Department conducts an Annual Traffic Count program to obtain traffic surveys, process raw counts, and maintain current and historic databases for the State Road System. The Annual Traffic Count Program is supplemented with additional counts that are performed as needed for special purposes. This handbook offers guidelines and techniques on Traffic Data Collection and Processing for the Department's Annual Traffic Count Program. Refer to the [TRAFFIC MONITORING GUIDE](#) (published by the US Department of Transportation, Federal Highway Administration, Office of Highway Policy Information) for recommendations regarding basic program structure, and suggestions to help improve and advance current traffic monitoring programs.

II. OVERVIEW

The traffic data collection program at the Florida Department of Transportation is a collaborative effort involving the Districts and the Transportation Statistics (TRANSTAT) Office. In broad terms, the Districts are responsible for collecting the short term coverage counts, defining the traffic segment breaks, keeping the station inventory file updated, and defining the factor categories. The TRANSTAT Office is responsible for operating the continuous traffic monitoring and weigh-in-motion programs, setting policy, maintaining the traffic databases and developing the AADT estimates.

III. SCOPE

All highway agencies collect the same basic types of data, and each can benefit from using a similar basic data collection framework. This guideline is used by the Central and District Offices as well as their consultants and contractors performing traffic surveys for FDOT use. It may also be used by Local governments and other agencies.