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## **INTRODUCTION**

With the advent of automation in acquisition, transmission, storage, analysis, and presentation of traffic data in the appropriate format, the Traffic Monitoring System in DelDOT is substantially different from what it was even three years ago. For the third time in the 40-year history of publishing DelDOT's annual Traffic Summary reports, the Division of Planning has again used its own computers effectively to retrieve and analyze the field data with TRADAS (The Traffic Data System) software for producing this report in compliance with the principles of 'Truth-in-Data'. Nonetheless the traffic monitoring process continues to be in a transition phase at present.

This report contains traffic data for 2005 on nearly all roadway segments of the highway network under DelDOT Road Inventory. The details of the collection process, analysis, and reporting of traffic data along with other features relevant to traffic monitoring are outlined in the following.

## **HIGHWAY NETWORK**

As shown on PUBLIC ROAD MILEAGE (2004) on page ii, the highway network of Delaware comprised 6,043 centerline miles of public roads, out of which 3,892 miles exist in the DelDOT Road Inventory. In addition to all roads included in the Road Inventory, DelDOT also maintained 1,317 miles of Suburban Development Streets in 2004. Municipal Roads, 720 miles in total, were maintained by local authorities. Except for Local roads and streets, and Rural Minor Collector roads, all roads in DelDOT Road Inventory are covered by the Federal-Aid Highway System. This Traffic Summary report contains traffic data only for the roads in DelDOT Road Inventory. Highways and Streets have been grouped into functional classes or systems, as indicated on the PUBLIC ROAD MILEAGE (2004) table, based primarily on their traffic characteristics. The Functional Classification Maps of the highway network of each county, as well as the whole State, are published and constantly updated by DelDOT's Mapping Section, and are readily available.