

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 DeIDOT is substantially different from what it was even three years ago. For the third time in the 40-year history of publishing DeIDOT'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 2002 on nearly all roadway segments of the highway network under DeIDOT 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 (2001), the highway network of Delaware comprised 5,813 centerline miles of public roads, out of which 3,891 miles exist in the DeIDOT Road Inventory. In addition to all roads included in the Road Inventory, DeIDOT also maintained 1,237 miles of Suburban Development Streets in 2001. Municipal Roads, 685 miles in total, were maintained by local authorities. Except for Local roads and streets, and Rural Minor Collector roads, all roads in DeIDOT Road Inventory are covered by the Federal-Aid Highway System, which amounts to only 1,303 miles of highway out of 3,891 miles in the Road Inventory and 5,813 miles of the entire public roads in Delaware. This Traffic Summary report contains traffic data only for the roads in DeIDOT Road Inventory. Highways and Streets have been grouped into functional classes or systems, as indicated on the PUBLIC ROAD MILEAGE (2001) 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 DeIDOT's Mapping Section, and are readily available,

2001 PUBLIC ROAD MILEAGE					
Functional System	Centerline - Miles				Lane Miles
	Road Inventory	Municipal Streets	Suburban Streets	Total	Total
Urban					
INTERSTATE	40.61	0.00	0.00	40.61	253.56
OTHER FREEWAYS & EXPRESSWAYS	13.80	0.00	0.00	13.80	59.40
OTHER PRINCIPAL ARTERIAL	133.57	0.89	0.00	134.46	532.71
MINOR ARTERIAL	158.09	1.65	0.00	159.74	431.55
COLLECTOR	212.13	7.22	0.00	219.35	465.19
LOCAL	91.41	422.45	921.69	1,435.55	2,851.48
TOTAL URBAN	649.61	432.21	921.69	2,003.51	4,593.89
Rural					
OTHER PRINCIPAL ARTERIAL	208.05	0.85	0.00	208.90	737.73
MINOR ARTERIAL	121.91	0.00	0.00	121.91	316.66
MAJOR COLLECTOR	553.94	0.05	0.00	553.99	1,118.37
MINOR COLLECTOR	164.88	0.87	0.00	165.75	344.27
LOCAL	2,192.97	250.99	315.03	2,758.99	5,327.84
TOTAL RURAL	3,241.75	252.76	315.03	3,809.54	7,844.87
TOTAL OF URBAN AND RURAL	3,891.37	684.97	1,236.72	5,813.06	12,438.76