

Regional Traffic Count Collection (UPWP Task 4370)

Executive Summary

Objective

To obtain traffic count information for non-state, federal-aid eligible roadways and select local roadways for the purposes of tracking long-term traffic growth and supporting transportation decision making in the nine-county Genesee-Finger Lakes Region.

Project Approach

GTC retained Lochner Engineering with Fisher Associates (Consultant) to conduct the traffic count program in eight counties while Ontario County conducted an in-house program and provided GTC with their count data. The Consultant was required to meet or exceed the New York State Department of Transportation (NYSDOT) Traffic Monitoring Standards as detailed in Engineering Instruction (EI 01-001) dated January 22, 2001.

The Consultant worked with GTC and with county highway/transportation departments to determine locations where current traffic data was needed and where traffic counters would be placed. Counts were collected in both 2008 and 2009. NYSDOT adjustment factors were used to determine Annual Average Daily Traffic (AADT). Recounting occurred as needed at locations where observed data was deemed invalid or did not meet the requirements of NYSDOT EI-01-001. Machine count data was then summarized into reports showing directional traffic volume by time of day, Average Daily Traffic (ADT), and Annual ADT (AADT), and was provided to GTC and to county highway/transportation departments in electronic and hardcopy formats. Vehicle Classification counts were conducted at select locations. Count site locations were provided to GTC in GIS format.

Products

Traffic volume and vehicle classification counts at select locations were obtained for 1,320 locations. The number of count sites by County is presented below:

Genesee	134
Livingston	113
Monroe	644
Ontario	175
Orleans	50
Seneca	42
Wayne	103
Wyoming	27
Yates	32
Total	1,320

The Regional Traffic Count Collection program resulted in updated traffic count and vehicle classification information for non-state, federal-aid eligible roadways and select local roadways in the Genesee-Finger Lakes Region that are in accordance with current NYSDOT Traffic Monitoring Standards.