Genesee Transportation Council Regional Traffic Count Collection Project Summary

In March 2017 The Traffic Group, Inc. (TTG) began collecting traffic counts throughout Monroe County for the Genesee Transportation Council (GTC). The purpose of this summary is to detail the results of our data collection efforts.

TTG was tasked with completing 341 (173 volume, 168 classification) 72 hour tube counts throughout the duration of the 1 year contract period. Two counts were removed from the original count list (1 class and 1 volume) as they were scheduled to be collected by New York State Department of Transportation (NYSDOT). Four other counts were not completed (2 due to the impact of construction activities and 2 that were attempted but not accepted for various reasons).

GPS coordinates for each count station were obtained using the location description provided by Monroe County Department of Transportation (MCDOT) and searching several mapping programs. TTG worked closely with NYSDOT to review count locations and station identification numbers in order to retrieve historical data. Weekly schedules were submitted to MCDOT and GTC representatives to indicate what counts were being collected during that time. TTG utilized the MetroCount MC 5600 Vehicle Classifier to conduct all of the tube counts. Tube counts are installed using a double anchoring system to secure the road tube to the roadway surface. In addition, tape was used to reduce tube bounce and assist in securing the road tube. After the data is uploaded in the field, it is reviewed by the field staff and submitted to the office for processing.

Our processing procedures consist of reviewing the raw data to ensure the count validity, comparing count data to NYSDOT's historical data and converting the data to NYSDOT's count format. Submittal packages include a summary sheet with location information, ID information, AADT and truck percentages. Also included in the package were NYSDOT formatted data files and axle, speed and volume pdf files as needed.

December 28, 2017