Project Title: C-09-08: TRAPHIC TOOL - Python Conversion
PIN: R021.48.881
Responsible Unit: Policy & Planning Division, Office of Policy, Planning & Performance
Project Manager: Erlbaum, Nathan

Project Goal:
Building upon the work of C-08-08 and migrate the platform from ArcMap to Python in order to provide an open source code to secure long-term sustainability in a changing environment. TRAPHIC TOOL is a versatile tool in graphically presenting transportation data tailored to meet the immediate needs of multiple users. It has been successfully tested as a prototype and with the completion of this work will be sustainable as enhanced GIS visualization tool.

Actions Proposed:
• Develop dynamic economic maps
• Develop dynamic network maps of overall traffic, truck traffic and truck risk measures
• Generate multi-access graphs of traffic data, including short counts, continuous counts and weigh-in-motion data for all stations in New York State
• Document code when the agreed upon functionality has been completed.

Anticipated Work Products and Accomplishments:
A sustainable tool (TRAPHIC TOOL) will be created. The code and other functionality information will be documented.

Proposed Budget: $45,000