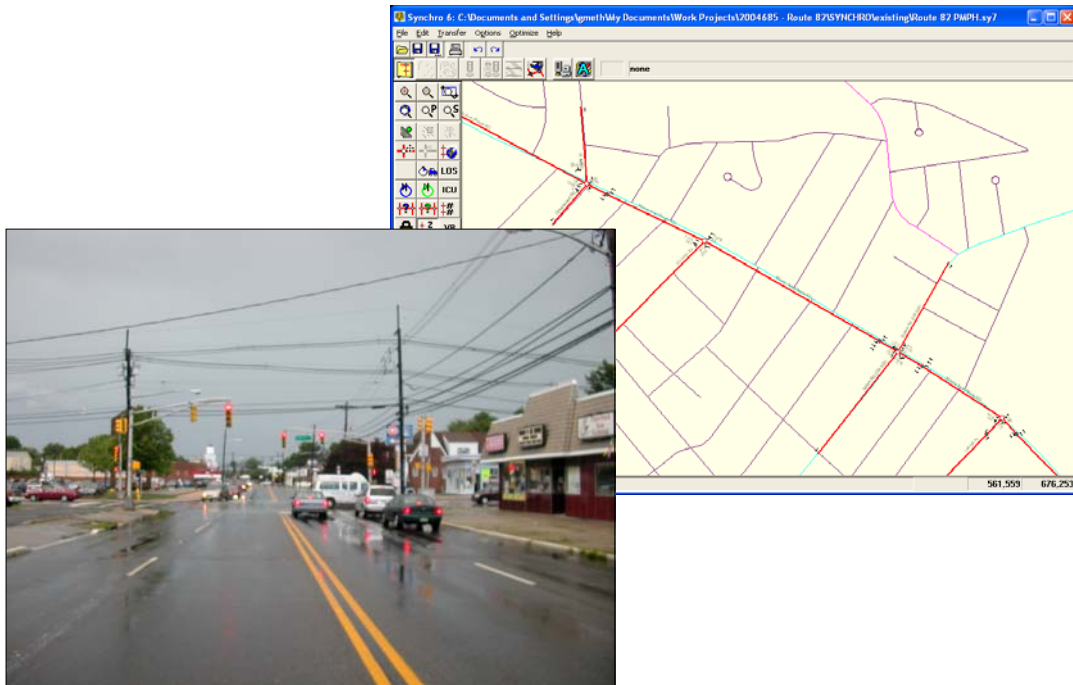


Traffic Signal Optimization Term Agreement



Client/Owner: New Jersey Department of Transportation
Project Location: Various Locations, NJ
Project Fee: \$900,000

The New Jersey Department of Transportation wished to improve traffic flow on selected State Highways by the re-timing of traffic signals. Many State highways were in need of re-timing due to an increase in traffic volumes due to residential and business growth. GPI was selected for a three-year term agreement to exclusively provide these services for the North Region of New Jersey, which includes 1,141 NJDOT traffic signals. The project fee was approximately \$900,000. The Project consisted of extensive data collection, field inspections for inventories of existing equipment, development of computerized traffic models of the existing traffic signal operations, and the development of models that optimized the traffic signal timings (using SYNCHRO) for approximately 170 intersections. The project included overseeing implementation of signal timings and performing cost benefit analysis to show the before and after cost benefit of using the optimized timings.