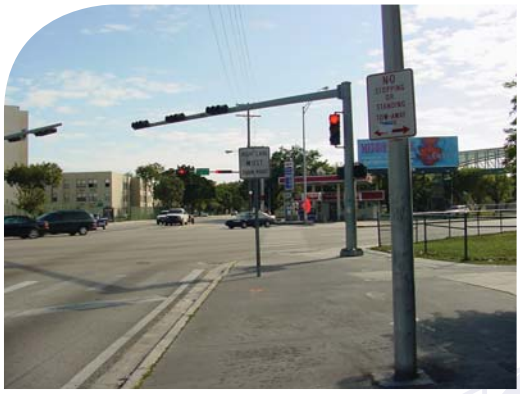
TRAFFIC ENGINEERING & OPERATIONS STUDIES



Qualitative Assessments
Safety Studies
Crash Analysis
Signal Warrant Analysis
Signal Systems
18-KIP Reports
Scoping Reports
Pavement Management Systems
Access Management
Intersection Analysis
Pedestrian/Bicycle Studies
Speed Studies
Intersection Inventories
Bluetooth Data Collection
Travel Time & Delay Studies
Traffic Data Collection
Various Studies from MUTS

MISCELLANEOUS TRAFFIC ENGINEERING SERVICES, MIAMI-DADE COUNTY

Throughout Miami-Dade County, FTE has been involved with numerous design projects, working with the County and with the Florida Department of Transportation in the district. FTE provided miscellaneous traffic engineering services including 469 traffic counts, signal design at 17 locations, safety studies, design of traffic circles, traffic studies, signal warrant analysis, and area planning. Some of the major projects include the signal design at the Opa-Locka Airport, the flashing-signal design for the South Miami-Dade Senior High School, and a roundabout design at Old Cutler Road.

MISCELLANEOUS TRAFFIC ENGINEERING SERVICES, CHARLOTTE COUNTY

FTE's scope of services included signal assessment, "Before" system assessment, eight-hour turning movement counts, seven-day continuous traffic counts, data analysis and documentation, methodology and draft timing plan reports, final timing plans, system timing implementation and fine tuning, preparing the system database, and fine tuning "After" system assessment. The peak season and off peak season timings were developed for the Kings Highway Corridor. Developed railroad pre-emption timings and coordinated with Seminole Gulf Railway, FDOT, and the County.

D-1 DISTRICTWIDE MISC SAFETY STUDIES

Provided services for signal warrant analysis, intersection analysis, arterial study, composite sudy, 8-hour turning movement counts, and pedestrian counts.

D-6 DISTRICTWIDE TRAFFIC OPERATIONS STUDIES

The project included qualitative assessments, sgnal warrant analysis, intersection analysis, arterial analysis, left turn phase warrant analysis, and supplemental tasks. The task work orders included turning movement counts, volume and classification counts, intersection delay studies, intersection qualitative assessment, arterial qualitative assessment, left turn signal warrant study, fatal crash reviews, RRR safety reviews, signal warrant analysis, sight distance studies, and preparation of technical memorandums.

LEE COUNTY MISCELLANEOUS TRAFFIC ENGINEERING SERVICES

The scope of this project was to provide specific professional services to the Department throughout Lee County. Assignments have included traffic volume data collection, one-way tolling test program, signal warrant analysis, signal design, traffic circulation study, and pedestrian access improvements.

D-3 DISTRICTWIDE MISCELLANEOUS TRAFFIC STUDIES

FTE is providing turning movement counts, approach counts, speed studies, travel time and delay studies, gap studies, condition diagrams, and summary reports at various locations throughout District 3.

US 1 MANAGED LANES PD&E, MIAMI-DADE EXPRESSWAY AUTHORITY

FTE's responsibilities include data collection (72-hour counts at 362 locations, turning movement counts at 94 intersections, and 72-hour misc. counts at 57 locations), Auto Occupancy Study (35,000 vehicles) and Origin Destination Study (9,500 surveys). In addition, the tasks FTE is responsible for include safety analysis, access management, design traffic, development of travel demand model, evaluation of "No-Build" and three managed lanes alternatives for three analysis years using VISSIM Software; signal timing optimization and operational analysis of the intersections using SYNCHRO Software.

FTE
"ENGINEERING FOR A WORLD IN MOTION"