luke transportation engineering consultants

AREAS OF EXPERTISE

► Traffic Data Collection and Analysis
► Parking Analysis
► Traffic Signal Systems Analysis

Carlos Medina has over thirteen years of experience in traffic data collection. He performs a wide variety of data collection tasks, as well as assisting with the management of the other technicians.

He has been responsible for data collection throughout the state of Florida, including Central Florida, South Florida, North Florida, Treasure Coast, Gulf Coast, and in the panhandle.

Mr. Medina has experience with various data collection hardware and software; including MetroCount Counters, Jamar Technologies counters, PetraPro, TDP, PC-Travel, Peek ADR and 241 Counters, and TOPS. He has also compiled experience using the GeoLogger Global Positioning Satellite receiver. Additional activities include:

- roadway segment/approach counts classification counts
- turning movement counts
- travel time and delay studies
- parking surveys
- origin and destination surveys
- vehicle occupancy studies
- gap studies
- speed studies
- stop sign delay studies
- license tag surveys
- queuing studies
- roadway conditions inventory
- passing zone evaluation

Professional Experience
- Orange County Annual Count Program
- Seminole County Annual Count Program
- UCF Pedestrian Safety Study
- Orange County Multimodal Transportation Analysis
- Orlando International Airport Traffic Counts
- City of Apopka Concurrency Management
- Seminole County Travel Time & Delay Studies
- FDOT District 5 data collection
- Orange County Signing/Pavement Marking Inventory
- Lake / Sumter MPO Annual Traffic Counts
- Alternative Impact Fee Origin / Destination Studies
- Travel Time Isochrones Data Collection