Arnaud D. Huguet, PE, MBA, IMSA TS II

QPL Management Lead, ITS/Traffic Engineer IV

Education

Bachelor, Civil Engineering, Georgia Institute of Technology, 2013

MBA, Missouri State University, 2020

Licenses/Registrations

PE, GA #PE046615

Years of Experience

8

Training and Certifications

GDOT-Specific Training:
PEDP Core Program
PEDP Roadway Design
PEDP Bridge Design
PEDP Construction
PDT / Capacity Analysis
PDT / Drainage Analysis and Design
PDT / Geometric Design
PDT / Pavement Design and Approval
PDT / Signing and Pavement Marking
PDT / Traffic Signal Design
Plan Development Process (PDP)

External Training:
GDOT 332 Cabinet Workshop by Temple, Inc.
Basic and Advanced Signal Timing by Kimley-Horn and Associates, Inc.

Certifications:
IMSA Traffic Signal Field Technician Level II
ARC First Aid/CPR/AED #00SLTUM

Arnaud Huguet is an ITS/Traffic Engineer IV and Management Lead for AECOM. He has eight (8) years of experience in transportation-related work for various government agencies and private companies including GDOT, MARTA, and Burlington Northern Santa Fe (BNSF) Railway. While at GDOT, he held positions of Civil Engineer II and III in the Office of Roadway Design; Transportation Specialist IV in the Office of Utilities; and Assistant State Signal Engineer in the Office of Traffic Operations – all of which have prepared him for this project. In addition, he is the recipient of the 2020 John D. Edwards Memorial Scholarship, awarded by the Institute of Transportation Engineers (ITE).

Experience

AECOM, GDOT ITS QPL48. Leading the effort to review applications, documentation, and testing of ITS devices for GDOT's Qualified Product List (QPL) no. 48, while maintaining outstanding and professional relations between the client, vendors, and manufacturers.

AECOM, IDOT Regional Arterial TMC Concept of Operations. Applied experience with GDOT's Transportation Management Center (TMC) and knowledge of GDOT's Regional Traffic Operations Program (RTOP) to assist in drafting IDOT's Concept of Operations for a Regional Arterial TMC, specifically focusing on the operational environment and scenarios.

GDOT, Virginia Avenue Smart Corridor, Fulton and Clayton County. Led a massive undertaking to upgrade the traffic signal infrastructure and timing operation of Virginia Avenue in College Park, GA. GDOT, Aerotropolis Atlanta, and Modern Mobility Partners coordinated further to implement connected vehicle / emerging technologies onto the corridor.

GDOT, Atlanta Charter Schools – Safe Routes to School, Fulton County. Redesigned horizontal alignments, adding restructured bike lanes, speed humps, and traffic calming features, to provide safe walking and biking options for the residents of Grant Park in Atlanta, GA.

Prior to joining AECOM, his employment included:

GDOT Office of Traffic Operations – Assistant State Signal Engineering, Civil Engineer V. Oversaw the engineering of signal plans, design, costs, and the coordination of new transportation construction and/or maintenance activities. Other responsibilities included ensuring that reliability goals for the Department were met and managing the Regional Traffic Signal Operations (RTSO) contract.

GDOT Office of Utilities – Railroad Safety Program Associate, Transportation Specialist IV. Under limited supervision, provided expert-level professional support, and coordinated the utilities activities

related to at-grade crossing safety, and Assisted the Railroad Safety Program Engineer in allocations of Section 130 program funds, handling public relations at the local or state level.

Fulton County Surveyor, Fulton County, GA. As duly elected Fulton County surveyor, located surveys and field studies to private contractors and surveyors per permits administered by the Fulton County Probate Court.

GDOT Office of Roadway Design, Atlanta, GA. As Civil Engineer II and Civil Engineer III, aided in development of plans and performed analysis, reviews, and inspections under the direction of the Sr. Design Engineer Group Manager. Assisted in design of projects, integrating sight distance, capacity analysis, geometry, signing & marking, drainage design, and erosion control. Applied professional engineering concepts, principles, practices, and methods to perform a broad range of engineering activities.

Burlington Northern Santa Fe (BNSF) Railway – Trainmaster, Front-Line Supervisor. Oversaw the function of five-hundred employees following a year of intensive leadership / management training and directed freight movement and staffing at a terminal in Clovis, New Mexico. Other duties included promoting BNSF's rigorous safety regulations and rules as a liaison between unionized employees and corporate leadership.