

Francisco R. Klein-Moya, PE, PTOE
Augsburger Komm Engineering, Inc.
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EDUCATION

Goldman Sachs 10,000 Small Business Program, Babson College, Wellesley, Massachusetts, 2015
Master of Engineering, University of Puerto Rico, Mayaguez Campus, 2009
E-Business Diploma, Universidad Gabriela Mistral, Santiago, Chile, 2001
Bachelors of Science, Civil Engineering, Universidad Diego Portales, Santiago, Chile, 2001

EXPERIENCE

Transportation Planning, Soil Mechanics, Traffic Engineering, Highway Signing/Marking, Traffic Control, Vehicular Accident Reconstruction and Analysis, Highway Design and Maintenance, Environmental Impact and Traffic Safety, Parking Garage Planning and Design

PROFESSIONAL REGISTRATION

Professional Engineer, (PE), Commonwealth of Puerto Rico, License # 20659
Professional Engineer, Commonwealth of Virginia, License # 52902
Professional Traffic Operations Engineer, (PTOE), License #3671, certified by the Transportation Professionals Certification Board (TPCB)
OSHA 10-Hour Certification in Highway Construction Zones

EXPERIENCE HISTORY

2015 - Augspurger Komm Engineering, Adjunct Consultant
2006 - Klein Engineering, PSC, President
2002 - 2006 Design Group Consulting Engineers, PSC, Project Manager
2000 – 2002 Nestle Chile, Trade Marketing Specialist & Category Manager

PROFESSIONAL AFFILIATIONS

Professional College of Engineers and Land Surveyors of Puerto Rico
San Juan Chapter Board Member and Past Vice President
American Society of Civil Engineers
Institute of Transportation Engineers
National Association of Professional Accident Reconstruction Specialists

CONTINUING EDUCATION

Road Safety Audits – Puerto Rico Strategic Highway Safety Plan, San Juan RP, June 30, 2015
The New Era of Women in Transportation, San Juan, PR, June 18, 2015
“Tercer Congreso de Infraestructura: Infraestructura para el Crecimiento de Puerto Rico” San Juan PR, June 12, 2015
“Desarrollando Estrategias Innovadoras para el Ingenuiero y Agrimensor”, San Juan PR, May 5, 2015

CONTINUING EDUCATION – CON'T

Challenges and Opportunities for the Development of Solutions Favorable to all Road Users in Puerto Rico, San Juan, PR, April 24, 2015
Transportation Management Plan, San Juan, PR, March 27, 2015
Highway Design and PS&E Development Workshop, San Juan, PR, February 3-5, 2015
Traffic Signal Training, McCain, Inc., Transportation Controls, Inc., Tampa, FL, December 17-18, 2014
Diseno de Semaforos Accesibles para Peatones, San Juan PR, November 13, 2014
ITE Puerto Rico Section's Technical Congress, October 24, 2014
6to Simposio: Mantenimiento Sostenible y Eficiencia Energetica, San Juan, PR, June 12-13, 2014
ARC – CSI Crash Conference, Las Vegas, NV June 2-5, 2015
Politica Publica Leyes Oroyectos, Estadisticas y Campanas Educativas para Ciclistas y Peatones, San Juan, PR, April 24, 2014
2014 Mega Viernes Civil by the Puerto Rico Institute of Civil Engineer, San Juan, PR, April 2, 2014
2014 Transportation Week, Department of Civil Engineering and Land Surveying, University of Puerto Rico at Mayaguez, March 30, 2014
2014 ITE Technical Conference, Miami, FL March 9-12, 2014

PUBLICATIONS

Fundamentals of Highway and Roadside Design for the Accident Reconstruction Specialist, Collision Magazine, Fall 2011 Edition

PRESENTATIONS

Fundamentals of Roadside Design, San Juan PR, June 6, 2015
Challenges and Opportunities for the Development of Solutions Favorable to All Road Users in Puerto Rico, San Juan, PR April 24, 2015
Transportation Management Plan, San Juan PR, March 27, 2015
Safety in Design, Design for Safety, Department of Civil Engineering and Land Surveying, University of Puerto Rico at Mayaguez, 2014
Mayaguez Bypass Cycle Route, 2014 ITE Technical Conference, Miami FL, 2014
Traffic Signal Systems Design, Part II
Traffic Impact Analyses for Site Development, Civil Engineering Class at the University of Puerto Rico at Mayaguez, 2012
Fundamentals of Highway and Roadside Design for Accident Reconstruction, ARC CSI Conference, Las Vegas, NV, 2012
Modern Roundabout Design, 2012
Traffic Calming, Street Safety, Livability and Other Public Purposes, for the Institute of Civil Engineers, Puerto Rico, 2011
Maintenance of Pavements, 4th Symposium of Building Maintenance, 2011

PROJECT EXPERIENCE

Rehabilitation and Scour Mitigation of Bridge No. 1724, Kline Engineering is the design consultant to PRHTA for the project, which includes traffic, structural and environmental analysis and design Road Safety Audit for State Road PR-53 and PR-906, in the Municipality of Humacao. The study includes the analysis of safety issues along the two highway segments in order to provide suggestions to the designer under contract by PRHTA

Improvements to State Road PR-17, from PR-20 to PR19, in the Municipality of San Juan. Klein Engineering is the consultant under contract with Banco Popular for the design of pavement markings, signing, traffic signal improvements and alignment modifications

Analyst for the proposed modifications to transit routes in the Metropolitan area of San Juan

Design of new traffic signal, traffic signing and pavement markings, geometric improvements and temporary traffic control, in the Municipality of Vega Baja

Traffic impact analysis for the proposed improvements to vehicular, pedestrian and bicyclist facilities within the portion of Puerta de Tierra Ward

Improvements to State Road PR-165, worked in the design and computer drafting of final construction plans

New Los Angeles Connector, in the Municipality of San Juan, worked on geometric, grading and drainage design and computer drafting, as well as CAD drawings for street and pipe profiles and cross sections.

Ongoing contract with the Puerto Rico Department of Justice for the reconstruction of vehicular accidents, as well as motor vehicle accident reconstruction for private law firms and insurance companies