

## Apéndice 8. Curriculum Vitæ del consultor

**José Luis Pérez Berenguer, M.S.C.E., P.E., P.T.O.E., S.I.T.**

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**CURRICULUM VITÆ**

**EDUCATION:**

JANUARY 1992 TO MAY 1994

Master of Science in Civil Engineering (Pavement Design and Transportation). University of Puerto Rico - Mayagüez Campus, Mayagüez, Puerto Rico. GPA: 3.70

AUGUST 1986 TO DECEMBER 1991

Bachelor of Science in Civil Engineering. University of Puerto Rico - Mayagüez Campus, Mayagüez, Puerto Rico. Cum Laude

JANUARY 2000 TO DECEMBER 2005

Bachelor of Science in Surveying and Topography. University of Puerto Rico - Mayagüez Campus, Mayagüez, Puerto Rico. Cum Laude

**PROFESSIONAL LICENSES AND CERTIFICATIONS:**

Professional Engineer - License 12673 P.E.

Surveyor in Training - Certification 22117 S.I.T.

Principles and Practice of Land Surveying Examination - Approved

Professional Transportation Operations Engineer - Certificate Number 840

Certified Worksite Traffic Supervisor - Certification 54159

**RESEARCH PROJECTS:**

JULY 1998 TO FEBRUARY 1999

**Análisis del Diseño de los Accesos, Facilidades de Transferencia Intermodal, Estacionamientos y "Kiss and Ride" en las Estaciones del Tren Urbano.** Research supervisor of the undergraduate student Joel A. Martínez Vega for the UPR/MIT Tren Urbano Internship Program - coordinated by the Civil Infrastructure Research Center. Poster and presentation

JULY 1997 TO MAY 1998

**Análisis de los Planes de Mantenimiento de Tránsito a Implementarse Durante la Construcción del Tren Urbano.** Research supervisor of the undergraduate student Jorge L. Ramos Ortiz for the UPR/MIT Tren Urbano Internship Program - coordinated by the Civil Infrastructure Research Center. Written and oral report, poster

SEPTEMBER 1996 TO MAY 1998

**El Impacto Futuro en el Patrón de Flujo Vehicular en las Intersecciones Adyacentes al Corredor del Tren Urbano.** Research supervisor of the undergraduate student Diego Torres for the UPR/MIT Tren Urbano Internship Program - coordinated by the Civil Infrastructure Research Center. Written and oral report, poster

MARCH 1996 TO FEBRUARY 1998

**Measurement and Analysis of Pavement Condition and Improvement of Existing Roughness Mathematical Models Applied to the Puerto Rico Highway Network.** Principal Investigator, supported by the Puerto Rico Department of Transportation and Public Works - coordinated by the Civil Infrastructure Research Center. Written and oral report, poster

JUNE 1996 TO AUGUST 1996

**Medidas y Análisis de Rugosidad en el Pavimento en la Red de Carreteras de Puerto Rico.** Research supervisor of the undergraduate student Jorge L. Ramos Ortiz, sponsored by the Puerto Rico Alliance for Minority Participation. Written and oral report, poster

AUGUST 1995 TO MAY 1996

**Análisis Operacional de un Sistema de Transportación sobre Rieles; Plan de Servicio Propuesto para el Tren Urbano.** Research supervisor of the graduate student Ginger M. Rossy Robles for the UPR/MIT Tren Urbano Internship Program - coordinated by the Civil Infrastructure Research Center. Written and oral report

MAY 1992 TO MAY 1994

Develop of the thesis **Análisis de datos de Rugosidad y Desarrollo de Modelos para Estimar la Tendencia del Deterioro de Pavimentos.** Requirement to obtain a Master Degree in Pavement Design and Transportation Engineering Area. University of Puerto Rico - Mayagüez Campus, Mayagüez, Puerto Rico. Written report and oral exam

#### PAPERS:

SEPTEMBER 1996

**Replicabilidad de Medidas de Rugosidad del Pavimento Utilizando el equipo ARAN.** Published. IX Congreso Panamericano de Ingeniería de Tránsito y Transportes, La Habana, Cuba

JULY 1996

**Analysis of Roughness Measurements for Delineating Homogeneous Units for Pavement Management Application.** Co-author, submitted for consideration to the Transportation Research Board 76<sup>th</sup> Annual Meeting

JUNE 1994

**Un Nuevo Enfoque en el Análisis de Datos de Rugosidad para un Sistema de Gerencia de Pavimentos.** Published. VIII Congreso Panamericano de Ingeniería de Tránsito y Transportes, Ciudad de Mexico, Mexico

#### PRESENTATIONS:

DECEMBER 2, 1996 TO DECEMBER 6, 1996

**Replicabilidad de Medidas de Rugosidad del Pavimento Utilizando el equipo ARAN.** IX Congreso Panamericano de Ingeniería de Tránsito y Transportes, Capitolio Nacional, La Habana, Cuba

OCTOBER 24, 1996

**Measurement and Analysis of Pavement Condition and Improvement of Existing Roughness Mathematical Models Applied to the Puerto Rico Highway Network.** Civil Engineering Department, University of Puerto Rico - Mayagüez Campus. Sponsored by the Civil Infrastructure Research Center

APRIL 1994

**Análisis de datos de Rugosidad y Desarrollo de Modelos para Estimar la Tendencia del Deterioro de Pavimentos.** 29<sup>th</sup> ACS Junior Technical Meeting, University of Puerto Rico - Mayagüez Campus. Sponsored by Puerto Rico Alliance for Minority Participation.

#### **WORK EXPERIENCE:**

JULY 1994 TO PRESENT

Pérez Berenguer y Asociados; Principal, Transportation and Civil Engineer

AUGUST 1994 TO DECEMBER 1998

University of Puerto Rico - Mayagüez Campus, Department of Civil Engineering; Professor of the following courses in the Transportation and Civil Engineering Department:

- Highway Location and Curve Design
- Highway Engineering
- Undergraduate Research
- Seminar of Civil Engineering

OCTOBER 1992

Traffic Study in Lomas Verdes Ave. and Ramírez de Arellano Ave. at Guaynabo, Puerto Rico. Dr. Sergio L. González Quevedo - Consultant; Technical support

JANUARY 1992 TO MAY 1992

University of Puerto Rico - Mayagüez Campus; Teacher Assistant of Dr. José F. Lluch García, Construction Management Course

MARCH 1991 TO JANUARY 1992

Office for the Improvement of the Public Schools, Department of Education, Commonwealth of Puerto Rico; Engineer's Assistant, Field Inspector

DECEMBER 1990 TO JANUARY 1991

Office for the Improvement of the Public Schools,  
Department of Education, Commonwealth of Puerto Rico;  
Engineer's Assistant, Field Inspector

AUGUST 1990 TO DECEMBER 1990

University of Puerto Rico - Mayagüez Campus; Assistant of  
Dr. Milton R. Martínez Delgado (R.I.P.) in the  
development of Structural Analysis Computer Programs

**GRADUATE COURSES TAKEN:**

Analysis and Design of Public Transportation Systems  
Urban Transportation Planning  
Traffic Engineering I  
Pavement Design  
Advanced Engineering Economics  
Bituminous Mix Design and Construction Techniques I  
Bituminous Mix Design and Construction Techniques II  
Pavement Management  
Applied Soil Mechanics  
Operations Research  
Geosynthetics in Civil Engineering  
Design of Intelligent Traffic-Control Systems

**CONTINUING EDUCATION COURSES TAKEN**

JUNE 1<sup>st</sup>, 2006

Foro: Urbanismo y Soluciones Innovadoras de  
Transportación - Institute of Engineers and Surveyors of  
Puerto Rico (CIAPR). Polytechnic University of Puerto  
Rico, San Juan, Puerto Rico

SEPTEMBER 24, 2004

The Process of Forced Expropriation: Important Aspects  
for Engineers and Land Surveyors - Johnny Colón Díaz,  
P.E., Polytechnic University of Puerto Rico, San Juan,  
Puerto Rico

OCTOBER 13, 2001

Professional Traffic Operations Engineer Certification  
Exam Refresher Course - Benjamín Colucci Ríos, Ph.D.,  
Institute of Engineers and Surveyors of Puerto Rico, San  
Juan, Puerto Rico

JULY 31, 2001

Addressing Lead-Based Paint Hazards During Renovation, Remodeling and Rehabilitation in Federally Owned and Assisted Housing -Benjamín Cintrón, Quantech - Fort Buchanan, Guaynabo, Puerto Rico. Sponsored by HUD

JULY 14-16, 1998

Worksite Traffic Supervisor Training Course - James A. Brandon, Jr., P.E., American Traffic Safety Services Association. PGA Marriott Hotel, Palm Beach Gardens, Florida

JULY 1998

Public Transportation in Boston - Nigel Wilson, Ph.D. and Kenneth Kruckemeyer, Ph.D., MIT. Massachusetts Institute of Technology, Cambridge, Massachusetts

JULY 1997

Reglamentación y Procedimientos para el Desarrollo de Terreno y Permisos de Construcción en Puerto Rico - José F. Lluch García, Ph.D., P.E., Institute of Engineers and Surveyors of Puerto Rico (CIAPR). University of Puerto Rico-Mayagüez Campus, Mayagüez, Puerto Rico

JULY 1997

Public Transportation in Boston - Nigel Wilson, Ph.D. and Kenneth Kruckemeyer, Ph.D., MIT. Massachusetts Institute of Technology, Cambridge, Massachusetts

FEBRUARY 8, 1996

Standard Drawings of the Puerto Rico Highway and Transportation Authority - Isabel Cristina Victoria Jaramillo, M.S.C.E., PRHTA - Institute of Engineers and Surveyors of Puerto Rico (CIAPR), Hato Rey, Puerto Rico

SEPTEMBER 1995 TO DECEMBER 1995

Autocad I - Surveyor José Vigo, University of Puerto Rico - Mayagüez Campus, Mayagüez, Puerto Rico

JULY 1995

Public Transportation in Boston - Nigel Wilson, Ph.D. and Kenneth Kruckemeyer, Ph.D., MIT. Massachusetts Institute of Technology, Cambridge, Massachusetts

**MEMBERSHIP IN PROFESSIONAL AND COMMUNITY ORGANIZATIONS:**

Institute of Engineers and Surveyors of Puerto Rico  
(CIAPR) - License 12673 P.E.

Institute of Civil Engineers of Puerto Rico

Member - Institute of Transportation Engineers

Associate Member - American Society of Civil Engineers

Miembro - Centro Cultural Salvador Brau, Cabo Rojo

SEPTEMBER 2006 TO PRESENT

Member, Board of Directors - Equipo Piratas Doble A, Inc.  
Baseball Club, Cabo Rojo, Puerto Rico

NOVEMBER 1998 TO NOVEMBER 2000

President - Asociación de Residentes de Urbanización y  
Extensión La Concepción, Inc., Cabo Rojo, Puerto Rico

NOVEMBER 1994 TO DECEMBER 1998

Tren Urbano Internship Program - coordinated by the Civil  
Infrastructure Research Center, University of Puerto Rico  
- Mayagüez Campus, Mayagüez, Puerto Rico

1995 TO 1998

Member of the University of Puerto Rico evaluating  
committee for grant the Dwight D. Eisenhower Scholarship  
for Transportation Engineering studies

NOVEMBER 1994 TO OCTOBER 1997

Faculty Advisor - Institute of Transportation Engineers,  
Student Chapter, University of Puerto Rico - Mayagüez  
Campus, Mayagüez, Puerto Rico

NOVEMBER 1995 TO AUGUST 1996

Member of the Academic Affairs Committee of the Civil  
Engineering Department, University of Puerto Rico -  
Mayagüez Campus, Mayagüez, Puerto Rico

**WORK DONE BY THE OFFICE IN RELATED FIELDS:**

OCTOBER 2007

Traffic Study to analyze the impact of the expansion of  
Villas del Mar Hau resort in the adjacent area, located  
at the State Highway PR-466, Km. 8.9, Bajura ward,  
Isabela, Puerto Rico, for Mrs. Myrna Hau

OCTOBER 2007

Traffic Study to analyze the impact of Milenia housing development in the adjacent area, to be located at the State Highway PR-681, Km. 4.3, Islote ward, Arecibo, Puerto Rico, for Preferred Management Corp.

OCTOBER 2007

Study to determine the waiting area needed for the location of the checkpoint of La Rambla housing project, State Highway PR-14 (Tito Castro avenue), Km. 3.0, Machuelo Arriba and Machuelo Abajo wards, Ponce, Puerto Rico, for Asociación de Residentes de la Urbanización La Rambla

SEPTEMBER 2007

Traffic Study to analyze the impact of Gersant Shopping Center in the adjacent area, to be located at the State Highway PR-3, Km. 134.4, Algarrobo ward, Guayama, Puerto Rico, for Germán Torres Berríos & Asoc.

SEPTEMBER 2007

Expert witness report based on the results of an evaluation about the possible access for a land lot located at the State Highway PR-2, Km. 165.2, Lavadero ward, Hormigueros, Puerto Rico, for Mr. José A. Lugo

SEPTEMBER 2007

Expert witness report based on the results of an evaluation about the possible access for a land lot located at the State Highway PR-2, Km. 165.2, Lavadero ward, Hormigueros, Puerto Rico, for Desarrollos Industriales, S.E.

AUGUST 2007

Traffic Study to analyze the impact of a commercial project in the adjacent area, to be located at the State Highway PR-3, Km. 139.7, Pueblo ward, Guayama, Puerto Rico, for Best Properties, Corp.

AUGUST 2007

Access, Maintenance of Traffic Plan, Pavement Markings and Permanent Signing Design for Best Western Hotel & Casino Cofresí to be located at State Highway PR-102, Km. 18.9, Miradero ward, Cabo Rojo, Puerto Rico, for Eng. Jorge Medina Ramírez

JULY 2007

Traffic Study to analyze the impact of Brisas de La Parguera walk-ups in the adjacent area, to be located at the State Highway PR-304, Km. 3.3, interior, Camino Real road, Palmarejo ward, Lajas, Puerto Rico, for N & R Developer Inc.

JULY 2007

Evaluation of the impact in the traffic of the adjacent area of Flamboyanes de Dorado Housing Development, to be located at the State Highway PR-695, Km. 4.2, interior, Higuillar ward, Dorado, Puerto Rico, for Arch. Luis Cela

JULY 2007

Expert witness report of an accident occurred on March 10, 2004 in the junction of the State Highway PR-37 (Isla Verde Avenue) and Díaz Way Street, Cangrejo Arriba ward, Carolina, Puerto Rico, for Mr. Gilberto Collazo Sempritt

JUNE 2007

Traffic Study to analyze the impact of Serenity Breeze walk-ups in the adjacent area, to be located at the State Highway PR-686, Km. 10.6, Yeguada ward, Vega Baja, Puerto Rico, for EFA Investment Corp.

APRIL 2007

Study to determine the waiting area needed for the location of the main checkpoint of Vista del Bosque housing project, State Highway PR-167, Km. 13.3, Buena Vista ward, Bayamón, Puerto Rico, for Foursome Development

APRIL 2007

Gravel Surface Pavement Design for a road located inside a farm, Naguabo, Puerto Rico, for A.S. Consulting Engineers

MARCH 2007

Traffic Study to analyze the impact of Puerta del Combate housing project in the adjacent area, to be located at the State Highway PR-301, Km. 0.6, interior, State Highway PR-3301, Llanos Tuna ward, Cabo Rojo, Puerto Rico, for Puerta del Combate, Corp.

FEBRUARY 2007

Analysis for the determination of wetland conditions of a dirt road located at Hiram D. Cabassa avenue, Sábalos ward, Mayagüez, Puerto Rico, for Mr. Lester A. Ortiz

FEBRUARY 2007

Traffic Study to analyze the impact of Monte Verde housing project in the adjacent area, to be located at the State Highway PR-108, Km. 6.5, Río Cañas and Leguisamo wards, Mayagüez, Puerto Rico, for José N. Vélez Matías, P.E.

JANUARY 2007

Traffic Study to analyze the impact of Jardines de Eureka housing project in the adjacent area, to be located at the State Highway PR-345, Km. 2.6, Lavadero ward, Hormigueros, Puerto Rico, for Hernán Jr. Machado Torres, P.E.

NOVEMBER 2006

Traffic Study to analyze the impact of Costa del Este housing project in the adjacent area, to be located at the State Highway PR-3, Km. 52.5, interior, Machos ward, Ceiba, Puerto Rico, for Costa del Este, Corp.

NOVEMBER 2006

Traffic Study (written report and comparison to public hearings) to analyze the impact of Best Western Hotel & Casino Cofresí project in the adjacent area, to be located at the State Highway PR-102, Km. 18.9, Miradero ward, Cabo Rojo, Puerto Rico, for Eng. Jorge Medina Ramírez

OCTOBER 2006

Evaluation of the impact in the traffic of the adjacent area of Park Place Housing Development, to be located at the State Highway PR-833, Km. 12.5, Santa Rosa II ward, Guaynabo, Puerto Rico, for Mr. Esteban Galva

OCTOBER 2006

Traffic Study to analyze the impact of "Supermercado Econo y otras facilidades comerciales" project in the adjacent area, to be located at the State Highway PR-2, Km. 68.0, Santana ward, Arecibo, Puerto Rico, for Mr. Manuel Leizán

SEPTEMBER 16 AND 30, 2006

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

SEPTEMBER 2006

Traffic Study to analyze the impact of La Aventura housing and commercial development in the adjacent area, to be located at the junction of the State Highways PR-941 and PR-942, Celada and Jaguas wards, Gurabo, Puerto Rico, for Integral Development Strategists

JUNE 2006

Traffic Study to analyze the impact of Plaza Río Canas shopping center in the adjacent area, to be located at the junction of the State Highways Ramal PR-2, PR-585 and Eduardo Ruberté avenue, Canas Urbano ward, Ponce, Puerto Rico, for VVK Arquitectura C.S.P.

MAY 2006

Traffic Study to analyze the impact of Parque Catalina apartments in the adjacent area, to be located at the State Highway PR-196 (José Garrido avenue), Km. 1.3, Cañabón ward, Caguas, Puerto Rico, for ADI, Inc.

MARCH 11 AND 18, 2006

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

DECEMBER 2005

Traffic Count to determine the Average Daily Traffic at the State Highway PR-28, Km. 0.9, Juan Sánchez ward, Bayamón, Puerto Rico, for Borcon Puerto Rico, Inc.

NOVEMBER 2005

Traffic Study to analyze the impact of Colinas de la Fuente housing development in the adjacent area, to be located at Cuba road, Sabanetas ward, Mayagüez, Puerto Rico, for Mr. Javier López

NOVEMBER 2005

Maintenance of Traffic Plan for the Construction of Garage Isla Verde New Sanitary Pumping Station and Off-Site Force Line, located at Los Ángeles Frontage Road, Cangrejo Arriba ward, Carolina, Puerto Rico, for Paredes Luciano Architects

NOVEMBER 2005

Traffic Study to analyze the impact of Plaza Pla shopping center in the adjacent area, to be located at the State Highway PR-445, Km. 0.2, Guatemala ward, San Sebastián, Puerto Rico, for Mr. Raul Pla

OCTOBER 2005

Traffic Count to determine the Average Daily Traffic and the Traffic during a Typical Saturday at the Frontage Road of the State Highway PR-2, Km. 149.5, Sabanetas ward, Mayagüez, Puerto Rico, for Mr. Santos Vélez

OCTOBER 2005

Traffic Study to analyze the impact of Mansiones de la Sultana housing development in the adjacent area, to be located at the José Bechara road, interior, Guanajibo ward, Mayagüez, Puerto Rico, for ADI, Inc.

SEPTEMBER 17 AND OCTOBER 1<sup>st</sup>, 2005

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

AUGUST 2005

Maintenance of Traffic Plan, Pavement Markings and Permanent Signing Design for Plaza Río Canas Shopping Center, to be located at Intersection of the State Highways Ramal PR-2 and PR-585/A Street, Canas Urbano ward, Ponce, Puerto Rico, for VVK Arquitectura, C.S.P.

AUGUST 2005

Evaluation of the impact in the traffic of the adjacent area (including public hearing) of Mansiones del Club Housing Development, to be located at the State Highway PR-308, Km. 6.1, Miradero ward, Cabo Rojo, Puerto Rico, for BEFA Holding

JULY 2005

Traffic Study to analyze the impact of Mansiones de Barceloneta housing development in the adjacent area, to be located at the State Highway PR-684, Km. 17.5, Palmas Altas ward, Barceloneta, Puerto Rico, for ADI, Inc.

MAY 2003 TO JUNE 2005

Maintenance of Traffic Plans for projects to be constructed in 27 municipalities as part of the Urban Cores Improvements Program, for the Directorate of Urbanism, Department of Transportation and Public Works

MAY 2005

Access, Maintenance of Traffic Plan, Pavement Markings and Permanent Signing Design for Villas de Porta Coeli housing development, State Highway PR-2, Km. 178.0, Minillas ward, San Germán, Puerto Rico, for Urbanización Villas de Porta Coeli, Inc.

MAY 2005

Traffic Study to analyze the impact of Baldwin's View residential complex in the adjacent area, to be located at the State Highway PR-833, Km. 13.0, interior, End of Emiliano China Street, Frailes ward, Guaynabo, Puerto Rico, for Baldwin Investment Corp.

APRIL 2005

Traffic Study to analyze the impact of Villas de Porta Coeli housing development in the adjacent area, to be located at the State Highway PR-2, Km. 178.0, Minillas ward, San Germán, Puerto Rico, for Urbanización Villas de Porta Coeli, Inc.

MARCH 5 AND 12, 2005

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

DECEMBER 2004

Report with the results of an evaluation of the proposed street network of the future Multeado Estrella urban development, Playa ward, Ponce, Puerto Rico, for Administración de Terrenos de Puerto Rico

DECEMBER 2004

Traffic Study to analyze the impact of Monte Sierra housing development in the adjacent area, to be located at the State Highway PR-349, Km. 1.1, Quebrada Grande ward, Mayagüez, Puerto Rico, for Urbanización Monte Sierra, Inc.

OCTOBER 2004

Traffic Study (written report and comparison to public hearings) to analyze the impact of Frailes Centro shopping center in the adjacent area, to be located at the State Highway PR-873, Km. 0.8, Tortugo ward, San Juan, Puerto Rico, for Best Properties

OCTOBER 2004

Evaluation of the Traffic Impact Study (written report and comparison to public hearings) submitted by the proponents of the Expansion of the Actual Facilities of SER de Puerto Rico, located at 500 Báez street, Pérez Moris Housing Development, Universidad ward, San Juan, Puerto Rico, for Asociación de Residentes y Propietarios de la Urbanización Pérez Moris, Inc.

MAY 2003 TO OCTOBER 2004

Maintenance of Traffic Plan for the Reconstruction of Intersection number 5 (Junction of the State Highways PR-1, PR-25, PR-26 and PR-35), Santurce ward, San Juan, Puerto Rico for Orval E. Sifontes, A.I.A.

OCTOBER 2 AND 10, 2004

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

AUGUST 2004

Evaluation of the impact in the traffic of the adjacent area of Caribbean Medical Testing Center, located at 300 Clemson street, University Gardens Housing Development, Hato Rey Sur ward, San Juan, Puerto Rico, for Farmacias El Amal

AUGUST 2004

Evaluation of the impact in the traffic of the adjacent area of Terrazas del Turabo Housing Development, to be located at Reina de las Flores road, Rincón ward, Gurabo, Puerto Rico, for Terrazas del Turabo

MAY 2004

Traffic Count to determine the Average Daily Traffic at McKinley and Méndez Vigo streets, immediately at west of the State Highway PR-2, Marina Meridional ward, Mayagüez, Puerto Rico, for Mr. Eduardo Ruiz Valentín

MAY 2004

Traffic Count to determine the Average Daily Traffic at the intersection of the State Highway PR-2 and Carlos Chardón street, Río ward, Mayagüez, Puerto Rico, for Mr. Eduardo Ruiz Valentín

MAY 2004

Traffic Study to analyze the impact of Laurel Sur Housing Development in the adjacent area, to be located at the State Highway PR-506, Km. 1.7, Coto Laurel ward, Ponce, Puerto Rico, for D.I.S., Inc.

MARCH 2004

Feasibility Study to Evaluate the Public Transportation System of the Municipality of Dorado, Puerto Rico - Project FTA - P.R. 80-X011 - Task 22-01, for the Municipality of Dorado

MARCH 6 AND 20, 2004

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

DECEMBER 2003

Traffic Study to analyze the impact of Plaza La Cumbre project in the adjacent area, to be located at the State Highway PR-199, Km. 4.0, Cupey ward, San Juan, Puerto Rico, for Álvarez-Díaz Group, P.S.C.

OCTOBER 2003

Report with the results of an evaluation of the future street network of Multeado Estrella urban development, Playa ward, Ponce, Puerto Rico, for Administración de Terrenos

SEPTEMBER 2003

Expert witness report of an accident occurred on September 27, 1997 in 435 Street, Villa Carolina Housing Development, Carolina, Puerto Rico, for Mrs. Sonia Carballo Fernandez

SEPTEMBER 13 AND 27, 2003

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

MARCH 29 AND APRIL 5, 2003

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

MARCH 2003

Expert witness report analyzing the Maintenance of Traffic Plan approved for the projects AC-014206 and AC-14207 (State Highway PR-142 Quebrada Arenas ward, Toa Alta, Puerto Rico), for American International Insurance Company

OCTOBER 5 AND 19, 2002

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

SEPTEMBER 2002

Composed Pavement Design for a frontage road of the State Highway PR-199, Río Piedras, Puerto Rico, for A.S. Consulting Engineers

SEPTEMBER 2002

Traffic Study to analyze the impact of the operation of Antonio S. Paoli Fine Arts Center in the adjacent area, to be located at Los Caobos Avenue, Bucaná Ward, Ponce, Puerto Rico, for Urban Venture Group, P.S.C.

JUNE 2002

Traffic Study to analyze the impact of a proposed housing development in the State Highway PR-4466, Km. 0.8, Bajura Ward, Isabela, Puerto Rico, for Mr. Hauger Martín Hau

APRIL 2002

Traffic Study to analyze the impact of the expansion of the Panamerican Terminal in the adjacent area, located at Lindbergh Street interior, Isla Grande sector, Santurce Ward, San Juan, Puerto Rico, for Royal Caribbean and RAY Architects Engineers

APRIL 6 AND 13, 2002

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

MARCH 2002

Traffic Study to determine the Average Daily Traffic at the State Highway PR-54, Km. 3.0, Guayama, Puerto Rico, for Mr. Oscar Rodríguez Crespo

JANUARY 2002

Traffic Study to analyze the impact of the expansion of the Winnie's Active Learning Kids School in the adjacent area (including depositions at public audiences), located in the State Highway PR-104, Km. 1.9, Algarrobos Ward, Mayagüez, Puerto Rico, for WALKS

NOVEMBER 2001

Traffic Study to analyze the impact of Apartamentos Marazul housing and commercial development in the State Highway PR-187, Km. 9.7, Medianía Baja Ward, Loíza, Puerto Rico, for Ossam Construction

NOVEMBER 2001

Traffic Study to analyze the impact of Paraíso de Mayagüez housing development in the adjacent roads, Sábalo ward, Mayagüez, Puerto Rico, for Pulte Homes Caribbean

SEPTEMBER 29 AND OCTOBER 6, 2001

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

FEBRUARY 2001 TO JULY 2001

Inspector of the Project "Widening of the Bridge over Maricao River", located at the State Highway PR-120, Km. 11.30, Maricao, Puerto Rico, for Ingeniar Engineering Solutions, P.S.C.

JULY 2001

Traffic Study to analyze the impact of Garden State Commercial Center project in the State Highway PR-100, Kms. 3.3 to 4.6, Guanajibo and Miradero wards, Cabo Rojo, Puerto Rico, for Mr. Guiseppe Marino Damiani

JUNE 2001

Traffic Study to determine the Average Daily Traffic at the State Highway PR-980, Km. 1.1, Florida ward, San Lorenzo, Puerto Rico, for Mr. Rafael Martínez Santana

MARCH 28 AND APRIL 2, 2001

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

FEBRUARY 3, 2001

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Interamerican University of Puerto Rico at Arecibo

JANUARY 2001

Traffic Study to determine the Average Daily Traffic at the junction of the State Highways PR-3 and PR-901, Juan Martín ward, Yabucoa, Puerto Rico, for Farmacias El Amal

DECEMBER 2000

Traffic Study to determine the Average Daily Traffic at the junction of the State Highways PR-14 and PR-721 (including depositions at public audiences), Pueblo Norte and Pueblo Sur wards, Aibonito, Puerto Rico, for Farmacias El Amal

OCTOBER 2000

Traffic Study to determine the Average Daily Traffic at the State Highway PR-1, Km. 88.1, Lapa ward, Salinas, Puerto Rico, for Mr. Bernardo Olmeda Morales

SEPTEMBER 30, 2000

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

SEPTEMBER 2000

Traffic Study to analyze the impact of Haciendas El Monte project in the State Highway PR-2, Kms. 173.2 to 174.7, Cain Alto ward, San Germán, Puerto Rico, for Paseos de San Antonio Development Corporation

AUGUST 2000

Expert witness report with the results of a traffic study to analyze the impact of Percon Industrial park at the junctions of the State Highway PR-14 with the future Caribe Principal Street, State Highway PR-52, Puerto Viejo road and the future Contreras Avenue, Playa ward, Ponce, Puerto Rico, for Percon Development Corporation

MAY 2000

Traffic Count to determine the Average Daily Traffic at Ave. Del Pescador, La Parguera ward, Lajas, Puerto Rico, for Carlyle Benavent, M.D.

APRIL 1<sup>st</sup>, 2000

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

MARCH 2000

Expert witness report based on the results of an evaluation about the possible access for the project Percon Industrial Park, Playa ward, Ponce, Puerto Rico, for Percon Development Corporation

FEBRUARY 2000

Traffic Study to determine the Average Daily Traffic at the State Highway PR-348, Km. 8.8, Rosario Bajo ward, San Germán, Puerto Rico, for Félix J. Rodríguez Arroyo

DECEMBER 1999

Traffic Study to determine the impact of an extension of the PRTC facilities at the junctions of the State Highway PR-5 with the access of the Puerto Nuevo Distribution Center and the 11<sup>th</sup> street of Las Vegas Housing Development, Palmas ward, Cataño, Puerto Rico, for Puerto Rico Telephone Company

NOVEMBER 1999

Traffic Study to determine the Average Daily Traffic at the junction of the State Highways PR-921 and PR-9922, Collores ward, Las Piedras, Puerto Rico, for Mr. Carlos Beltrán Rodríguez

OCTOBER 16, 1999

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

OCTOBER 1999

Traffic Study to determine the Average Daily Traffic at the junction of the State Highways PR-189, PR-9919 and Hormazábal street, Pueblo Norte ward, Juncos, Puerto Rico, for Mr. Carlos L. Beltrán Rodríguez

JULY 1997 TO JULY 1999

Maintenance of Traffic Plan for the Bayamón Alignment Section Contract-Tren Urbano (project AC-500007), for ICA-Miramar Metro San Juan, Corp.

MAY 1999

Expert witness report of an accident occurred on June 21, 1998 in the junction of the State Highway PR-823 and the access to the construction project of the future PR-142, Quebrada Arenas ward, Toa Alta, Puerto Rico, for Mr. Ismael Díaz Santos

MAY 1999

Expert witness report of an accident occurred on May 27, 1996 in the State Highways PR-335, Km. 11.0, Indios ward, Guayanilla, Puerto Rico, for Mr. Frank A. Quiñones Martínez

MAY 1999

Pavement design for projects AC-000136, AC-100202 and AC-100203 (Mejoras a la PR-1 desde PR-735 a PR-170), Cayey, Puerto Rico, for A.S. Consulting Engineers

MARCH 13, 1999

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

FEBRUARY 1999

Traffic Count to determine the Average Daily Traffic at the State Highway PR-111, Km. 0.4 at Aguadilla, Puerto Rico, for Fidel De Frías, M.D.

## NOVEMBER 1998

Expert witness report of an accident occurred on June 19, 1994 in the junction of the State Highways PR-2 and PR-114, Sábalo ward, Mayagüez, Puerto Rico, for Eng. Pablo Crespo Pérez

## OCTOBER 1998

Expert witness report of an accident occurred on December 6, 1997 in the State Highway PR-307, Km. 8.9, Boquerón ward, Cabo Rojo, Puerto Rico, for Mrs. Anabelle Rodríguez Sepúlveda

## OCTOBER 1998

Report with the results of an evaluation about the proposed alternatives for the project AC-030108 (Conector PR-100 Intersección PR-101 a PR-301), Boquerón ward, Cabo Rojo, Puerto Rico, for Dr. Ricardo Ramírez Ramírez

## OCTOBER 17, 1998

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

## MAY 1998

Traffic Study to analyze the impact of Isla Azul housing development, proposed at the State Highway PR-472, km. 2.7, Bejucos ward, Isabela, Puerto Rico, for Mr. Luis A. Pérez Villanueva

## MAY 1998

Traffic Impact Study and preliminar design of access for the Parque de Diversiones de Luquillo (including depositions at public audiences), proposed at the State Highway PR-3, kms. 33.0 to 35.0, Mata de Plátano ward, Luquillo, Puerto Rico, for Fernando L. Rodríguez, P.E. & Associates

## MARCH 1998

Evaluation of the Haul Route used by Betterroads Asphalt Corp. when operates the extraction area at Cercado and Cidra wards, Añasco, Puerto Rico, for Betterroads Asphalt Corp.

FEBRUARY 28, 1998

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

JANUARY 1998

Traffic Study to determine the impact of Garden State Commercial Center at the junction of the State Highways PR-100 and PR-311, Miradero and Guanajibo wards, Cabo Rojo, Puerto Rico, for Mr. Guiseppe Marino Damiani

DECEMBER 1997

Traffic Study to determine the impact of an extension of S.E.S.O. school at the junction of their access and the Cuba road, Miradero ward, Mayagüez, Puerto Rico, for Southwestern Educational Society

NOVEMBER 1997

Rigid Pavement Design for Project AC-006608 (State Highway PR-66, Carolina - Canóvanas, Puerto Rico), for Behar-Ybarra Associates

OCTOBER 4, 1997

Instructor - Review for the Professional Civil Engineer Exam, sponsored by the Institute of Engineers and Surveyors of Puerto Rico

AUGUST 1997

Traffic Count to determine the Average Daily Traffic at the State Highway PR-128, Km. 2.0, Yauco, Puerto Rico, for PCO Associates

APRIL 1997

Traffic Study to determine the Average Daily Traffic at the junction of the State Highways PR-102 and PR-308, La Garita Sector, Miradero ward, Cabo Rojo, Puerto Rico, for Chaibén J. Fas Alzamora, Esq.

AUGUST 1996

Quality tests of the asphalt concrete used on the parking of the Municipal Drop-Off Center, for the Municipality of Las Marías

JULY 1996

Traffic Study (written report and comparison to public hearings) to determine the Average Daily Traffic at the State Highway PR-3, Km. 16.3, Canóvanas, Puerto Rico, for Moravarcy Engineering Group.

JULY 1996

Traffic Study to determine the Average Daily Traffic at the State Highway PR-128, Km. 2.0, Yauco, Puerto Rico, for Moravarcy Engineering Group

MAY 1996

Pavement Design for the project AC-053603, Rehabilitation of the State Highway PR-536, Santa Isabel, Puerto Rico, for A.S. Consulting Engineers

MARCH 1996

Origin and Destiny Study for the preliminary design of the future interchange of the State Highways PR-148 and PR-828, Bayamón and Toa Alta, Puerto Rico, for CSA Architects and Engineers

FEBRUARY 1996

Traffic Study to determine the Average Daily Traffic at the State Highway PR-110, Km. 9.7, Moca, Puerto Rico, for Moravarcy Engineering Group

NOVEMBER 1995

Traffic Study to determine the Average Daily Traffic at the junction of the State Highways PR-2 and PR-402, Añasco, Puerto Rico, for Moravarcy Engineering Group

AUGUST 1995

Pavement Design for preliminary design of the State Highway PR-66 (Río Piedras-Loiza), for Lebrón Associates

JULY 1995

Pavement design for project AC-001732 (Mejoras inmediatas a carretera PR-17), Jesús T. Piñero Avenue, Hato Rey, Puerto Rico, for Lebrón Associates

JULY 1995

Pavement design for Piers N 1/2 & O. San Juan, San Juan, Puerto Rico, for EBP Design Group Consulting Engineers

MARCH 1995

Traffic Study to determine the Average Daily Traffic at the State Highway PR-111, Km. 4.0, Moca, Puerto Rico, for Moravar Engineering Group

MARCH 1995

Traffic Study to determine the Average Daily Traffic at the State Highway PR-420, Km. 5.2, Moca, Puerto Rico, for Moravar Engineering Group

FEBRUARY 1995

Traffic Study to determine the Average Daily Traffic at the State Highway PR-115, Km. 26.6, Aguada, Puerto Rico, for Moravar Engineering Group

SEPTEMBER 1994

Structural evaluation of the streets of Montesol Housing Development for the Municipal Legislature of Cabo Rojo