Carmen Correa Lafuente

Head of North America Planning, Planner

Carmen is a seasoned transport planner with solid commercial background and 20+ years of project management experience in transportation consultancy. She has simultaneously directed multiple projects with international teams for public and private sector clients, and liaises with high-level government officials for high-profile transportation infrastructure projects in California and Puerto Rico. Her project direction experience includes a varied portfolio of projects:

- governance and public policy
- master plans
- land use plans
- station area plans
- benefit-cost analysis
- short range strategic transit plans
- public hearings

- advisory to P3 consortiums
- traffic impact for EA and EIS
- traffic data collection and analysis
- toll road traffic and revenue studies
- parking capacity studies
- new technologies (RLE, ETC)
- policy/procedure/guidelines advice

Relevant skills

Planning: For the California High-Speed Rail Authority she led the preparation of their first Land Use Master Plan; wrote parcel review procedures; and contributed to land use management, station area planning, and station area access policies. Her transport planning experience includes advise on the feasibility of transit projects including bike lanes, LRT, LRT/BRT, BRT/HOT, Trolleys, and Paratransit. For public and private sector clients, she prepares socioeconomic profiles, service inventories and statistics, modal split projections, operational design strategies, community and stakeholder outreach, advise on wayfinding and signage, branding, and operation and maintenance cost estimates. Carmen leads our Planning team in the United States and Canada.

Advisory: She has megaproject advisory experience by developing project management and oversight governance for the California High-Speed Rail Authority. Her management experience includes a span of 13 years of acting as the main point of contact providing on-call advice to the Secretary of Transport and Executives of the Puerto Rico Highway and Transportation Authority on an array of planning and traffic engineering projects.

Traffic Assessments: Since 1998 Carmen has project directing and management experience on a wide range of projects including traffic impact studies, comprehensive transport assessments for master plans, technical evaluations, traffic simulation, trip generation/distribution, corridor and intersection assessments, shared parking demand, design feasibility studies and access studies. Carmen has vast experience designing, testing, conducting, supervising, reviewing and analyzing origin-destination intercepts, automatic traffic counts, manual classified turning counts, journey time and queue surveys, household surveys, stated preference, phone and online surveys, and focus groups.

Toll Feasibility: Project direction, management and data analysis experience for investment-grade traffic and revenue forecasts for tolled roads and bridges.

Qualifications

University of Puerto Rico
Master in Planning
2000

Massachusetts Institute of Technology
UPR-MIT-TU Technology Transfer Program V
Summer 1998

University of Puerto Rico
BBA, Accounting
1997

University of Puerto Rico
Architecture/Environmental Design, 62 credits approved
1993

Licensed Professional Planner
San Juan, Puerto Rico
2003-ongoing

Professional memberships

American Planning Association
Member

Sociedad Puertorriqueña de Planificación
Member, Treasurer 2010-2011

Women's Transportation Seminar
Member

Languages

Spanish – native

English - Fluent

Years of experience

18 Consultancy

Publications

Strategies for the Physical Integration of the Acuaexpreso Terminal & the Hato Rey Tren Urbano Station
Master Thesis (2002)

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Commercial Management: Experience managing complex projects in consultancy and manufacturing sector with budgets ranging up to $124M. Responsible for operations and inception of Steer offices in Latin America. Currently accountable for the performance of Steer's planning business in United States and Canada.

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Projects summary

	Project	Client	Year/Location	Role
Planning	Land Use Master Plan for California High-Speed Rail: Planning and Sustainability Branch	California High-Speed Rail Authority	2020, Sacramento California	Project Manager (Steer)/Planner
	LMM Airport P3 Puerto Rico Lenders Advisor	Aerostar Airport Holdings	2012-2013, Puerto Rico	Planner
	BRT & HOT Feasibility Studies between Toa Baja & Bayamón	ATI, PRHTA	2010-2012, Puerto Rico	Project Director/Planner
	Puerto Rico Congestion Management Plan	PRHTA	2009, Puerto Rico	Project Director
	Development of Rail Transit Ridership Estimates Using the San Juan Regional Model	PRHTA	2006, Puerto Rico	Project Manager
	Alternative Analysis for the Provision of a Mass Transportation System for the Caribbean National Forest 'El Yunque'	PRHTA	2006, Puerto Rico	Deputy Project Director
Advisory	Program Contingency Management Plan for California High-Speed Rail: Project Management & Oversight Branch	California High-Speed Rail Authority	2019-2020, Sacramento and Fresno, California	Project Manager (Steer)/Change Management Support
	Puerto Rico Highway and Transportation Authority (PRHTA) Ongoing Support	PRHTA	1998-2011, Puerto Rico	Project Director/Project Manager/Planner
Traffic Assessments	Hatillo – Aguadilla Corridor: Federal Environmental Impact Statement	Guillermety, Ortíz & Associates	2004-2011, Puerto Rico	Project Manager
	Intersection 5 Operational Analysis with Roundabout Options	PRHTA	2007-2011, Puerto Rico	Project Director
	San Juan Waterfront Masterplan	PRHTA	2006-2008, 2010, Puerto Rico	Project Director/Planner
	Parada 19: Parking Assessment	Administración de Terrenos	2007, Santurce, Puerto Rico	Project Director
	Puerto Rico Convention Center Shared Parking Analysis and Traffic Plan	Colliers International	2004, San Juan, Puerto Rico	Project Director
Toll Feasibility Studies	PR22, PR66, PR199 Toll Feasibility Studies (various studies)	PRHTA	2006-2012, Puerto Rico	Project Manager

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| Teodoro Moscoso Bridge: Fare Analysis, Traffic and Revenue | Abertis | 2008-2009, Puerto Rico | Project Manager |

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