

## **CESAR LEIRIAS, P.E.**

Transportation Engineer  
Orlando, Florida  
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## **PROFESSIONAL PROFILE**

### **PROFESSIONAL EXPERIENCE**

Mr. Cesar Leirias is a Florida P.E. with over 10 years of experience as an intern and engineer working on projects in the transportation field.

While attending college for his Bachelor's Degree, Mr. Leirias worked as an intern at the County Department of Transportation (Porto Alegre/Brazil). The primary focus of the internship was to perform safety analysis and to design countermeasures to enhance roadway safety for nearly one million drivers in the county.

Later, Mr. Leirias held another internship in the State's Transportation Planning Division (Metropolitan Rio Grande do Sul/Brazil) performing data collection and statistical analysis for the inter-municipalities transit system.

In his last internship, prior to his graduation, Mr. Leirias worked for the State Department of Transportation (State of Rio Grande do Sul/Brazil). At this department, Cesar was allocated to the Committee of Public Bids, where he learned how to analyze proposals submitted by bidders as well as to check for compliances with the State's Design Standards and original plans.

Mr. Leirias began his professional career at Magna Engineering Inc., which was at that time the third largest engineering firm in the state of Rio Grande do Sul/Brazil. He worked for 2 years estimating costs and preparing proposals for state and counties public sealed bids.

In February of 2011, Cesar was hired by the City of Orlando as a Civil Engineer in the Public Works Department - Transportation Engineering Division. In this position, he was responsible for crash data clerking, crash data analysis, and for assembling the Annual Crash Reports for the City of Orlando. In 2012, Cesar was promoted to Civil Engineer II and in 2013 to Civil Engineer III. After passing the P.E. exam in the State of Florida, he was promoted to Civil Engineer IV. Currently, he manages the City's Crash Database System and the Traffic Studies schedule. Cesar also performs Speed and Volume Studies, Traffic Signal Warrant Analysis, All Way Stop Warrant Analysis, Mid-block Crossing Analysis, Parking Restrictions Analysis, Left Turn Protected/Permitted Analysis among other studies. He was the city inspector for the Anderson Street Improvements Project and Project Manager for Easterfield Drive construction. Cesar ensured compliance with FDOT standards and specifications on both projects. Mr. Leirias also manages Audible Pedestrian Signals projects, and ensures compliance with the Americans with Disabilities Act and the Manual on Uniform Traffic Control Devices criteria. He also manages small to mid-size construction projects.

### **EDUCATION**

- Bachelor's Degree in Civil Engineering – Lutheran University of Brazil, Brazil
- Master's Degree in Transportation Systems – UCF – University of Central Florida

### **SKILLS**

- Computer: - Microsoft Word, Microsoft Excel, HCS+, Minitab 16, Microsoft Power Point, SAS, and Enterprise Miner.
- Language: - Writes and speaks fluent English and Portuguese  
- Speaks Spanish

### **CERTIFICATES**

- FHWA - Pedestrian Safety Training Certificate
- FDEP - Erosion Control Inspector
- FDOT - Advanced Maintenance of Traffic
- FTTTC – ADA Accessibility Requirements for Highway Design & Pedestrian
- City of Orlando – Defensive Driving Course