

Jonni L. Williams

Safety and Security Specialist
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FIRM

Soteria Company, LLC
March 2014 - Present

EDUCATION

Associate of Arts, Manufacturing Management, Fashion Institute of Design and Merchandising

REGISTRATIONS & CERTIFICATIONS

Public Transportation Safety Certification Training Program (PTSCTP) Certification & Transportation Safety Institute, Transit Safety and Security Program (TSSP) Certification:

- SMS Safety Assurance
- SMS Principles for Transit
- SMS Awareness
- Transit System Security
- Transit Rail System Safety
- Transit Rail Incident Investigation
- Effectively Managing Transit Emergencies

YEARS OF EXPERIENCE

6 Years

TECHNICAL EXPERIENCE

More than fifteen years of professional experience and 6 years of professional transportation experience. Ms. Williams's experience encompasses Rail Transportation Consulting in System Safety and Security Planning, Analysis and Certification, Startup, Commissioning and Integration Testing. She currently supports and facilitates rail certification programs to verify and document compliance with safety, fire/life safety, and security requirements in the design and construction criteria, specifications and standard/directive drawings, during the design, procurement, installation, construction and testing of facilities and equipment.

RELEVANT AND RELATED EXPERIENCE

LAX Automated People Mover Project

October 2017 - Present

The Los Angeles International Airport (LAX) Automated People Mover (APM) is a major component of the Landside Access Modernization Program (LAMP). The APM Project will provide an elevated guideway with an at-grade Maintenance and Storage Facility and six stations, connecting to CTA passenger terminals through a network of elevated pedestrian walkways and a vehicle system. The APM Project also includes procurement of the Bombardier INNOVIA APM vehicle, along with operating systems and infrastructure to support the system.

In the role of subcontractor to LAX Integrated Express Solutions (LINXS), Soteria has an extensive role in ensuring system safety. Among other roles, Soteria is managing the System Safety Program Plan, additional Safety Plans, performing Threat and Vulnerability Assessment, and managing Certification.

Ms. Williams's Role: Safety and Security Consultant

Ms. Williams is currently facilitating the development and verification process of the design checklists for this project, including passenger stations, automatic train control, guideways, maintenance facility, power supply and distribution and communications. She participates in the development and revision process of all the System Safety and Security Program documentation, analyses and plans.

Redlands Passenger Rail Project, San Bernardino and Redlands, CA

October 2016 – Present

SBCTA's Redlands Passenger Rail Project (RPRP) will develop a rail transit system to connect the San Bernardino Transit Center (SBTC) and the University of Redlands. The system takes advantage of an existing but underutilized railroad line originally constructed in 1888 by the Santa Fe Railway. The current service model proposed is a frequent-headway diesel multiple unit (HCV) commuter service operating between San Bernardino and Redlands, augmented by a limited number of Metrolink conventional express trains providing access to its region-wide network.

As part of the Construction Management team, Soteria is providing safety and security planning, analysis and certification services, and is leading the safety and security program for the design and construction phases of the project.

Ms. Williams's Role: Safety and Security Consultant

Ms. Williams assists in the development of the design and construction conformance checklists for this project, including stations, parking lots, crossings, railroad bridges, other structures, signals, communications, and systemwide. She attends and facilitates the Fire/Life Safety and Security Committee (FLSSC) meetings and the Safety and Security Certification Committee (SSCC) meetings. Additionally, she developed the Safety and Security Certification Program Plan, and participated in the review and revision process of the Threat and Vulnerability Analysis, Collision Hazard Analysis, and Preliminary Hazard Analysis reports.

Edmonton Valley Line LRT Project, Edmonton, Canada

May 2016 – Present

The Edmonton Valley Line LRT Project connects the Mill Woods area with downtown Edmonton. It is comprised of low-floor, urban styled LRVs which run on a dedicated right-of-way that is integrated into the city landscape. The System consists of approximately 13km of dual guideway, with approximately 2km of the guideway elevated.

Soteria is leading the Safety and Security Certification Program and the Independent Verification and Validation (IV&V) Process, including supporting development of the System Safety Program and System Security Plan, as well as support in the areas of design and construction, training requirements, Safety and Security Verification, and operational readiness.

Ms. Williams's Role: Safety and Security Consultant

Ms. Williams participates in the development and verification of the design checklists for this project, including architecture, MEP+systems, civil, landscaping and OMF. She participated in the development of the Safety Security Certification Program Plan, System Security Program Plan and Threat and Vulnerability Analysis reports, including security and crime data research, and she developed graphics to support and communicate her findings. She regularly attends and facilitates the IV&V Committee meetings.

Crenshaw/LAX Transit Corridor Light Rail Project, Los Angeles, CA

September 2013 – Present

The Metro Crenshaw/LAX Transit Corridor project is an 8.5-mile light rail line that will run between the Expo Line on Exposition Boulevard and the METRO Green Line. Soteria Company is leading the system safety, security and assurance planning, analysis and certification for all phases of the safety and security certification process, through design and construction and startup. Soteria is also responsible for the reliability and maintainability planning, analysis and demonstration program.

Ms. Williams's Role: Safety and Security Consultant

Ms. Williams is facilitating the verification of the design and construction checklists for this project, including guideway/trackway, passenger stations, automatic train control, communications, and traction power. She assembled and presented the verification evidence (drawings and specifications) to support the design conformance checklist audits, and is currently facilitating the construction checklist audits for the Safety Security Certification Review Team (SSCRT) meetings. She regularly attends and facilitates the Fire/Life Safety and Security Committee (FLSSC) meetings. She also participated in the review and revision process of the Threat and Vulnerability Analysis report.

Gold Line Foothill Extension Project, Los Angeles, CA

September 2016 – July 2017

The Gold Line Foothill Extension is a 23.9-mile extension of the Metro Gold Line light rail corridor from its former terminus in Pasadena, California, east through the "Foothill Cities" of Los Angeles County into San Bernardino County. The corridor extension forms a part of the Los Angeles County Metro Rail system.

Soteria worked with LACMTA and Eastside LRT Constructors to prepare the Preliminary and System Level Hazard Analysis and the Operating Hazard Analysis.

Ms. Williams's Role: Safety and Security Consultant

Ms. Williams participated in the development of the Preliminary Hazard Analysis and Threat and Vulnerability Assessment for the Metro Gold Line Foothill Extension, Glendora to Montclair. She developed and prepared graphics to support and communicate her security and crime data research findings.

Airport Metro Connector 96th Street Station, LACMTA/Gruen Associates, Los Angeles, CA

August 2015 – June 2022

This project is for the addition of a new light rail station to the Crenshaw/LAX Line at Aviation Blvd/96th Street. The station is intended to serve as a true “Multi-Modal Transit Gateway” to LAX transit riders that will be served by both the Crenshaw/LAX and Metro C Lines.

Ms. Williams’s Role: Safety and Security Consultant

Ms. Williams participated in the review and revision process of the Threat and Vulnerability Analysis report for this project. She developed and prepared graphics to support and communicate her security and crime data research findings. She is actively working on the certification and audit process of the design conformance checklists. She will also develop the construction conformance checklists and facilitate the certification process.

Perris Valley Line Commuter Rail Extension, Riverside, CA

October 2013 – June 2016

Soteria Company, LLC managed the System Safety and Security Certification Program for this extension to continue rail service 24 miles from the Downtown Riverside Station, with associated construction and rehabilitation of existing tracks and crossings. Soteria ensured the project met FRA and FTA requirements, led the startup and commissioning phase, and provided technical expertise for integrated testing.

Soteria managed the System Safety and Security Program, ensuring it met FRA and FTA requirements. Soteria also led the startup and commissioning phase and provided technical expertise for integrated testing.

Ms. Williams’s Role: Safety and Security Consultant

Ms. Williams facilitated the verification and documentation of the construction checklists for this project, including stations, layover facility, crossings, railroad bridges, other structures, signals, communications, and systemwide. She facilitated and attended the Fire/Life Safety and Security Committee (FLSSC) meetings. She worked with the local emergency responders to organize and participate in a TVA Response Exercise.