Project: Sound Transit Safety & Security Certification Services

Owner: Sound Transit

Client: WSP USA Inc.

Soteria's Role: Safety and Security Certification and Assessment Services

Completion: 2028

Project Overview

Sound Transit builds and operates regional transit service throughout the urban areas of Pierce, King and Snohomish Counties in the state of Washington. Transit services include Link light rail; Sounder trains; ST Express Bus; Tacoma Link light rail; and soon, Bus Rapid Transit.

With voter approval in 1996, 2008, and 2016, Sound Transit is engaged in the expansion of their system, with new light rail, bus rapid transit and commuter rail services coming online every few years.

In support of that expansion, Sound Transit's Safety Department has contracted for assistance in a variety of Safety and Security Certification and engineering consultant services. The contracted support is intended to strengthen and establish a proactive culture of safety and security that is well defined, sustainable and documented through its processes, policies, and procedures.

Soteria's Contribution to This Project

Soteria is providing support and expertise to WSP, the consultant to Sound Transit under this agreement. Support will be provided as needed to assist the Sound Transit Safety Department in a variety of Safety and Security Certification and engineering consultant services.

Services Provided

- Safety and Security Certification Program – providing technical support for analysis and implementation
- Safety and Security Certification documents – working with Sound Safety, project teams, and oversight entities such as the FTA, Soteria will assist in review, development, and revision of Safety and Security Certification Plans (SSCP), Safety and Security Management Plans (SSMP), Certifiable Elements Lists, Certifiable Items Lists, Design and Construction Conformance Checklists (DCCC), Project Certificates of Conformance (COCs), and Safety and Security Certification Verification Reports.
- Verification Reviews – assisting in the performance of or conduct verification reviews of contractually required deliverables (i.e., plans, analyses, designs, test procedures and reports,

drawings, etc.) submitted to Sound Transit by Consultants, original equipment manufacturers, and vendors.

- Development of a Preliminary Hazard Analysis (PHA) and Threat and Vulnerability Assessments (TVAs) and Safety and Security Hazard Tracking Log for each assigned project.
- Preparation and presentation of status reports on assigned certification activities.
- Training development and delivery.
- Serving as a liaison between Sound Transit Safety, Project Engineering, and Contractors for the purposes of overseeing Safety and Security Certification Programs.
- Attending and documenting various meetings pertaining to Sound Transit's Safety and Security Certification Program.

Deliverables Under This Agreement

- Project specific Safety and Security Certifiable Elements Lists and Certifiable Items Lists (CEL/CIL).
- Project specific Safety and Security Certification Plans (SSCPs).
- Project specific Safety and Security Management Plans (SSMPs).
- Project specific safety and security reports and recommendations related to project deliverables.
- Project specific safety and security Design and Specification Verification Reports (DCCC/CSCC).
- Project specific Final Safety and Security Certification Reports.
- Project specific Safety and Security Certificates of Conformance, Open Items Lists (as necessary), and Exceptions List (as necessary).
- Project specific Preliminary Hazard Analysis (PHA) and Threat and Vulnerability Assessments (TVAs).
- Project specific Safety and Security Hazard Tracking Logs.
- Meeting minutes as requested by Sound Transit Safety.