

SOTERIA PROJECT PROFILE

Project: ITC Technical Services (On Call) for the Inglewood Transit Connector

Agency: City of Inglewood

Client: Gannett Fleming, Inc.

Soteria's Role: System Safety and Security Planning and Analysis, and Extreme Event and Protective Engineering

Completion: Scheduled for 2030

Project Overview

The Inglewood Transit Connector was originally planned as a 1.6 mile fully elevated, automated, fixed-guideway transit system with three new transit stations in the City of Inglewood, California. The ITC project is intended to reduce traffic, create well-paying jobs, boost the local and regional economy, and bring environmental equity and quality of life benefits to Inglewood, the South Bay, and the region at large. The ITC will provide a direct connection between the Greater Los Angeles region and the LA Sports and Entertainment District – an employment and visitor hotspot.



Photo courtesy Inglewood Transit Connector

Soteria's Contribution to This Project

Soteria provided System Safety and Security Planning and Analysis, and Extreme Event and Protective Engineering for the City of Inglewood's Automated People Mover System. Safety support provided included a Safety and Security Certification Plan, Preliminary Hazard Analysis (PHA), Threat and Vulnerability Assessment (TVA), and more when the City, after funding shortfalls, shifted to a focus on improving bus service with dedicated lanes and shuttle connections.

Details of Services Provided for the APM Design

1. Project Safety and Security Review Committees
 - Initiate, schedule, and facilitate the Safety and Security Review Committee (SSRC)
 - Initiate, schedule, and facilitate the Fire/Life Safety and Security Committee (FLSSC)
 - Initiate, schedule, and facilitate the Safety and Security Operations Review Committee (SSORC)
2. Threat and Vulnerability Assessment
 - Prepare the Threat and Vulnerability Assessment (TVA)
 - Prepare the written plan and worksheets containing the identified threat and vulnerabilities, potential causes, effects, initial hazard risk rating, corrective actions/mitigating measures, residual hazard risk rating, and verification method of resolution
3. Prepare the Safety and Security Certification Plan
 - Develop procedures to obtain and address CPUC Staff comments and design reviews
 - Specify the hazard management process

ITC Technical Services (On Call) for the Inglewood Transit Connector



SOTERIA PROJECT PROFILE

- Prepare list of all safety and security design criteria
- Determine certifiable elements and sub-elements
- Develop Safety Certification audits process
- Update format of conformance checklists and list of actual checklists as they become available
- Achieve Safety Certification Milestones