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MP-6 SAFETY AND SECURITY

MP-6.1 GENERAL

The Core Systems Contractor (CSC) shall comply with the City's Project Safety and Security Program. The City has developed a Safety and Security Management Plan (SSMP). The SSMP, in accordance with Federal Transit Administration (FTA) requirements, sets up the formal mechanisms used to establish and manage safety and security activities intended to minimize risk of injury and property damage, and to maximize the safety and security for passengers, employees, contractors and the general public throughout all phases of the Project. The City's Project SSMP is provided in the Engineering Data.

Safety and security management for the Project is organized into two primary program disciplines:

- (a) Safety and Security Certification Program—defined by the FTA as the series of processes that collectively verify the safety and security readiness of the Project for public use.
- (b) Construction Safety and Security Program—activities carried out to prevent injuries and illnesses to persons and damage to property and equipment during the construction/installation phase of the Project.

MP-6.2 SAFETY AND SECURITY CERTIFICATION PROGRAM

The purpose of the Project Safety and Security Certification Program is to ensure that:

- (a) The designs, construction, fabrication, installation, testing, and commissioning of all safety- and security-certifiable elements (civil, structural, and systems) have been evaluated for conformance with the safety and security design criteria and specifications requirements and to verify their readiness for operational use.
- (b) The rail system is operationally safe and secure for customers, employees, emergency responders, and the general public.

The objective is to achieve an acceptable level of risk through a systematic approach to safety hazard and security vulnerability management, criteria adherence, specification and construction compliance, and testing and commissioning verification. This is accomplished through documentation and verification

The CSC shall:

- (a) Implement and complete the safety and security certification process for all Certifiable Elements relating to the scope of the Contract, in accordance with the FTA Handbook for Transit Safety and Security Certification. The City has developed a Project Safety and Security Certification Plan (SSCP) based on these FTA guidelines to describe how these activities will be implemented for the Project.
- (b) Participate in and/or lead safety and security certification activities carried out by the Project's Safety and Security Oversight and Review Committee (SSORC) and Safety and Security Certification Review Committee (SSCRC).

(c) Demonstrate within its schedule the integration and completion of safety and security certification activities, including the development and completion of Conformance Checklists, Certificates of Conformance, and Issuance of Project Safety and Security Certificates.

(d) Perform hazard analyses and security assessments, and develop mitigation measures for safety- and security-certifiable elements

(e) Submit supporting verification documentation as requested to demonstrate that the CSC has incorporated and complies with safety- and security-related design criteria and contract requirements.

(f) Conduct tests and inspections to demonstrate that the CSC has incorporated and complies with the safety- and security-related design criteria and contract requirements

(g) Maintain a document management system that enables retrieval of Certification Program documentation that demonstrates that design, construction, fabrication, inspections, tests, Conformance Checklists, and Certificates of Conformance have been successfully completed for all Certifiable Elements.

(h) Identify on its organization chart the representative assigned to manage and facilitate the CSC's implementation of the safety and security certification process, including compliance with the identified safety requirements, expansion of the Certifiable Items List, and maintenance of the verification documentation system. (See SP-4.8)

The CSC's implementation and completion of the safety and security certification process is not limited to the aforementioned requirements. Additional CSC requirements are further defined in the SSCP. The City's Project SSCP is provided in the Engineering Data.

MP-6.3 CONSTRUCTION/INSTALLATION SAFETY AND SECURITY PROGRAM

The CSC shall have the primary responsibility for maintaining the safety of motorists, pedestrians, bicyclists, and workers in the vicinity of construction/installation and maintenance areas at all times. The CSC shall identify on its organization chart the representative assigned to manage and facilitate the CSC's implementation of the construction/installation safety and security program.

The CSC shall submit a Construction Health and Safety Plan (CHASP) to the City for review and acceptance. The City's Project SSMP and Construction Safety and Security Plan (CSSP) describe the minimum requirements for the CSC's CHASP. The CSC's CHASP shall comply with the City's Project SSMP, CSSP, and all applicable federal, state and local regulations.

The City's Construction Safety and Security Program requirements do not release the CSC from any additional safety and security requirements or conditions contained in other sections of the Contract. The purpose of this program is to establish a practical and effective program for the prevention of and response to accidents, incidents, illnesses and injuries, and to assign specific responsibilities to contractors for program development and compliance. The City's Project CSSP is provided in the Engineering Data.