

FTA

FEDERAL TRANSIT ADMINISTRATION

2017 SSO Training Workshop

Breakout Session #4 Engineering and Construction

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Engineering and Construction Overview

- SSRR
- Requirements
- Guidelines
- Summary

SSRR

- Typically 6 months before Revenue Service
- Coordinated with PMOC/Regional Office

Engineering and Construction Requirements

49 CFR Part 659.19(h)

SSPP includes a description of the safety certification process required by the RTA to ensure that safety concerns and hazards are adequately addressed prior to the initiation of passenger operations for New Starts and subsequent major projects to extend, rehabilitate, or modify an existing system, or to replace vehicles and equipment

49 CFR Part 674.7

Rail fixed guideway public transportation system (RFGPTS): Any fixed guideway system that uses rail, is operated for public transportation, is within the jurisdiction of a State, and is not subject to the jurisdiction of the Federal Railroad Administration, or **any such system in engineering or construction.**

Engineering and Construction Guidelines

Where do you start for existing project requirements?

- Circular 5800.1 provides guidance for SSMP development
- Section 9 of SSMP includes SSO requirements

Section	SSMP Description
1	Management Commitment and Philosophy
2	Integration of Safety and Security into Project Development Process
3	Assignment of Safety and Security Responsibilities
4	Safety and Security Analysis
5	Development of Safety and Security Design Criteria
6	Process for Ensuring Qualified Operations and Maintenance Personnel
7	Safety and Security Verification Process
8	Construction Safety and Security
9	Requirements for 49 CFR 659, Rail Fixed Guideway Systems: SSO
10	FRA Coordination
11	Department of Homeland Security Coordination

Summary

- SSOA has significant and new role to conduct oversight for rail transit agencies in engineering and construction
- Major capital projects document safety and security activities in their Safety and Security Management Plans (SSMPs);
- In conducting oversight, SSOAs may have to coordinate multiple stakeholders

Questions?

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