



# **GDOT**

## **Georgia Department of Transportation**

# **State Safety Oversight Agency Responsibility During Engineering & Construction Phase**



**Presented by**  
**Michael G. Somersall**  
**State Safety Oversight**  
**Program Manager**  
GDOT Division of Intermodal

**April 25 2017**





# Discussion Overview

- Description of ***typical oversight roles*** of the SSO Agency during the Engineering and Construction Phase for ***New Starts, Small Starts***, or other federally funded grant projects subject to State Safety/Security Oversight which includes:
  - ✓ Regulatory Requirements
  - ✓ SSOA Requirements
  - ✓ Compliance Reviews



# Regulatory Requirements



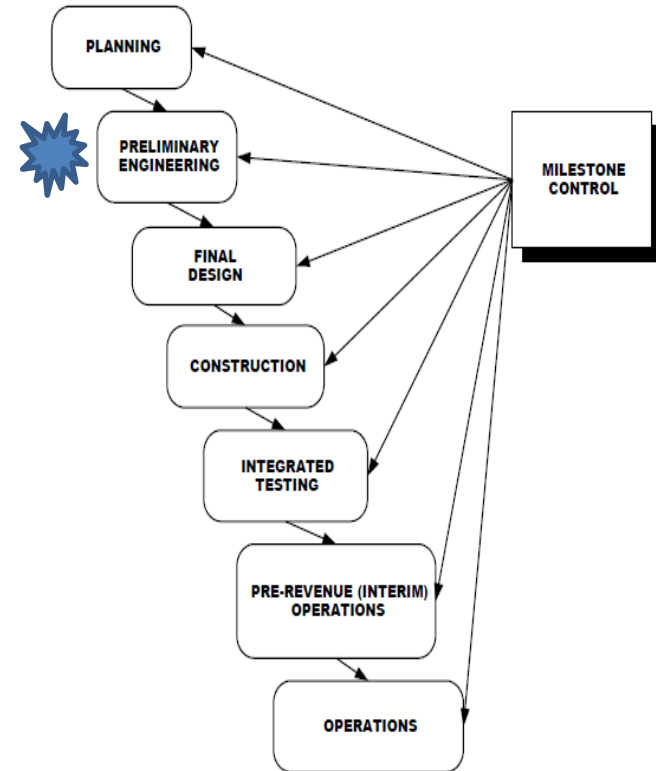
- To address the need for an enhanced safety regulatory program, 49 U.S.C. 5329(e)(2)(A–B) directs states to assume oversight responsibility for Rail Transit Agencies (RTAs) in **engineering and construction phase**, as well as in revenue service. An eligible state is defined as one with rail fixed guideway public transportation system that is:
  - ✓ Not subject to regulation by Federal Railroad Administration; or
  - ✓ A rail fixed guideway public transportation system in the **engineering and construction phase** of development within the jurisdiction of the State that will not be subject to regulation by the Federal Railroad Administration.



# SSOA Requirements

- **Program Standard**

- ✓ Requires written notification be provided to the State by the Rail transit agency when a fixed guideway project has entered the ***Preliminary Engineering (PE)*** phase
- ✓ SSO Program Manager will maintain ongoing communications with the FTA regarding any New Starts, Small Starts, or other federally funded grant projects subject to the requirements of the Program standard





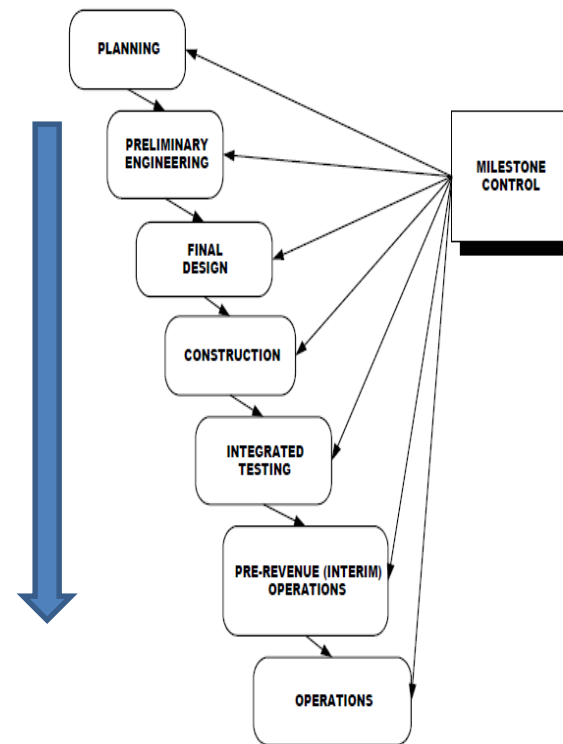
# Compliance Reviews

- SSOA will conduct compliance reviews of the Rail transit Agency's Safety and security plans for New Starts, Small Starts, or other federally funded grant projects subject to the State Safety/ Security Oversight. Reviews will be consistent with:
  - ✓ 49 CFR Part 633
  - ✓ FTA Circular 5800.1
  - ✓ FTA handbook for Transit Safety and Security Certification



# Compliance Reviews

- SSOA Reviews will address verification of Rail Transit agency's compliance with all applicable FTA and SSOA safety and security program requirements for design, construction, testing and pre-revenue operations phases of the project.



# Compliance Reviews

- SSOA compliance Reviews will include the following safety and security - related plans and documents:
  - ✓ Project Management Plan( PMP)
  - ✓ Safety and Security Management Plan (SSMP)
  - ✓ Safety and Security Certification Plan (SSCP), including;
    - Certifiable Elements and Items Lists
    - Design Criteria Conformance checklists
    - Construction Specification conformance Checklists
    - Test Program Checklists
    - Preliminary Hazard analyses
    - Threat and Vulnerability Assessments
  - ✓ Construction Safety and Security Plan (CSSP)
  - ✓ Supporting Documentation, including:
    - Safety and security analyses
    - Plans, engineering drawings, construction plans, calculations
    - Inspections reports
    - Test Plans and procedures, and test reports
  - ✓ Safety and Security Certification Verification Reports (SSCVR)
  - ✓ Other plans and/ or procedures related to the public transportation safety requirements under section 5329

# Compliance Reviews

- **Design Criteria Conformance Phase**
  - ✓ SSOA will perform safety and security oversight of the Rail Transit Agency's design process that verifies the Rail Transit Agency project's design conformance to the latest revision of applicable federal, state, and /or local standards, codes, regulations, guidelines/ or requirements.
- **Construction Specification Conformance Phase**
  - ✓ SSOA will perform safety an security oversight of the Rail Transit Agency's construction management process that verifies the Rail Transit agency projects' conformance to applicable project specifications.
- **Pre- Revenue Operations and Maintenance Phase**
  - ✓ SSOA will perform safety and security oversight of the Rail Transit agency's operations and maintenance readiness process that verify the projects readiness to enter into revenue service.





# Compliance Reviews

- Testing, Start- UP and Training Phase
  - ✓ SSOA will perform safety and security oversight of the Rail Transit Agency's processes for testing, start-up, and training that verifies the project's readiness to enter into revenue service
- Project Turn-Over Phase
  - ✓ SSOA requires the Rail transit Agency to issue a certificate of conformance for each certifiable element listed within the Safety and Security Certification Plan.



# Questions?

