

#### FEDERAL TRANSIT ADMINISTRATION

#### FTA Regional Safety Oversight during

**Project Design & Construction** 

A Regional Perspective Jeffrey Davis, Region IX



## Safety Oversight – When? Where? How?

- Safety Security Management Plan (SSMP)
- Initial Engineering Phase
- Engineering Phase
- Late Engineering Phase



### Workflow

Typical Major Capital Project Sequences and FTA oversight

- Design/Bid/Build Grant PD Approval Engineering Approval Service Date CONSTRUCTION PROJECT DEVELOPMENT Agreement ENGINEERING Readiness Oversight Readiness Oversight Readiness Oversight Formal Oversight LPA & Risk Assessment Oversight Plan Project Development Engineering Construction Formal Recogning Oversight (OP-25) - Monthly or Quarterly Reports start NLT 6 months prior to entry to Engineering and continue through FFGA. Quarterly reports until 85D. Readiness Oversight Formal Oversight Readiness Oversight Formal Oversight Readiness Oversight LPA and Oversight Plan - Oversight Plan will be Technical Reviews should start ALT 4 months before OP-40 (Risk Assessment) - should **Technical Reviews** PMP (OP-20) - Update Review (complete Readiness to Enter Revenue Service (CP-54) - Should developed and PMOC assigned NLT 9 months Engineering & completed NLT 1 month before start NLT 30 days after Entry to Update of the following conducted NLT 6 months before every 2 years during construction) begin NLT 9 months prior to RSD and be complete NLT before entry to Engineering Engineering approval Engineering & completed NLT 6 entry to FFGA and completed NLT3 months before entry 1 month prior to RSD QP-26 PMP months after approval to Enter to FRGA OP-24 QA/QC and OP-22 SSMP QP-Z1MCC Engineering OP-20 PMP Adherence review every 2 years during **OP-22.55MP** OP-21 MCC construction OP-23 RAMP \*Only if buying Real-Estate OF-26 Lessons Learned-Should start **OP-22 S5MP** CP-24 QA/QC NLT 30 days after entry to Engineering OP-23 RAMF \*Only if buying Real-Estate OP-26 Lessons Learned - Should start NLT OP-37 Fleet Mgt Plan (this is lessons learned at PD phase). OP-24 QA/QC 30 days after entry into FFGA (this is **Baseline Oversight OP-30 Value Engineering** OP-37 Fleet Mgt Plan lessons learned at Engineering phase) CP-32t Scope OP-20 PMP Update (if 2+yrs) **OP-30 Value Engineering** CP-13 Cost OP-12c Scope OP-26 Lessons Learned - should start OP-34 Schedule OP-35 Cost within 6 months of revenue service (this OP-320 Project Delivery OP-34 Schedule is a comprehensive report of all lessons **CP-32A Project Capacity OP-40 Risk Review Update** learned on the project) OP-32b NEPA/Design Doc Companison OP-30 Constructability OP-51 - Readiness to Enter Engineering Review -OP-52 - Readiness to Execute FFGA - Begin NLT 4 months Begin NLT 2 months prior to engineering and before entry to FFGA and be completed NLT 3 months Indicates Regional Project Based Review complete MLT 1 month before entry to engineering before entry to FFGA Indicates HQ Programmatic Review Baseline Oversight

# Region's Safety Oversight Tools

- Safety Security Management Plan-Adherence Review
- Readiness for Revenue Service Review



## Region's Safety Oversight Tools

Safety Security Management Plan

- Five Sections
  - Planning the review
  - Review the plans, policies, and procedures
  - Reviewing documentation
  - Interviews
  - Site Inspections

