



CPUC Public Agenda 3281

Thursday, September 22, 2011, 9:00 a.m.
505 Van Ness Ave, San Francisco



Commissioners:
Michael R. Peevey
Timothy Alan Simon
Michel Peter Florio
Catherine J.K. Sandoval
Mark J. Ferron

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Resolutions ST-132 and ST-133

Safety and Security Reviews of SCVTA



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California Public Utilities Commission

September 22, 2011





Presentation Overview

- Overview of Santa Clara Valley Transportation Authority (SCVTA).
- Commission review requirements.
- Description of Rail Transit Safety Section's (RTSS) safety and security review process.
- SCVTA safety and security review and results.
 - Resolution ST-132 – Safety review (Item #16)
 - Resolution ST-133 – Security review (Item #18)

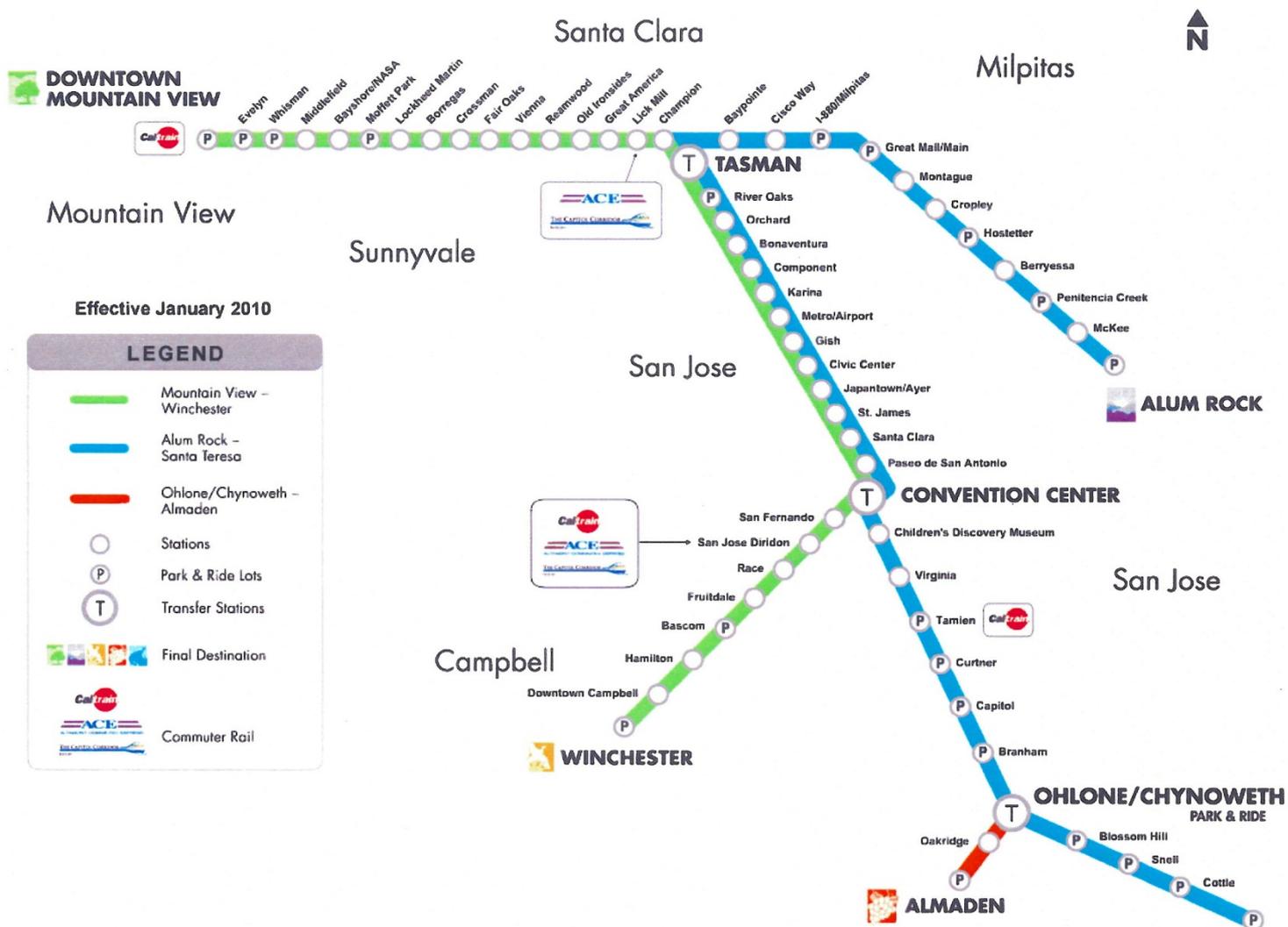




SCVTA Overview

- SCVTA operates a 43 mile system
- Began operation in 1991.
- Four Lines.
- Serves Santa Clara, Milpitas, and San Jose.
- Carries approximately 31,000 passengers per day.













Role of 49 CFR Part 659 for the State Safety Oversight Agencies

- Commission authority derives from Title 49 of the Code of Federal Regulations, Part 659, *Rail Fixed Guideway Systems: State Safety Oversight* (49 CFR Part 659).
- Implemented in California through CPUC General Order 164-D.
- 49 CFR Part 659:
 - Requires states to oversee the safety and security of rail fixed guideway systems.
 - Requires rail transit agencies (RTA) to implement a System Program Plan (SSPP).
 - Requires State Safety Oversight (SSO) agency to conduct RTA security program review every 3 years.





49 CFR Part 659

Safety Elements for the RTA's SSPP

Contained in General Order 164-D

- SSPP must contain provision for the 21 elements required in General Order 164-D.
- RTAs are required to submit an annual certification of their SSPP to CPUC.
- Certification is reported to the Federal Transit Administration.





RTSS Triennial Security Reviews: Procedures

- Staff reviews each RTA's System Safety Plan and standard operating procedures to ensure security implementation according to the twenty one elements required by 49 CFR Part 659.
- Staff creates review guidelines from each of the twenty one required elements.
- Staff mails the review guidelines to the RTAs 30 days prior to the Triennial Safety Review to ensure that the RTAs have adequate time to review and comment.
- Staff schedules the Triennial Security Review with the RTA's safety personnel, including management.
- Upon completion of each review, staff reviews findings and possible recommendations with the RTA's safety personnel.
- Once RTA accepts all findings and recommendations, staff prepares a report for Commission Resolution.





RTSS Review Team

- Total field time averages two weeks.
- Ten Utility Engineers.
- Four Inspectors (Operations, track, vehicles, signal and train control).
- Prior to the review - one month of preparation.
- After the review - another month of report preparation time.





SCVTA Safety and Security Review

- Staff conducted an on-site review with the Safety and Security Managers, and SCVTA employees.
- The review covered the twenty-one safety and five security 49 CFR Part 659-required elements.
- Staff found that SCVTA followed its SSPP and SSP.
- Staff made 7 recommendations from its safety review and 2 recommendations from the security review. The most significant recommendation was for relay testing.

