



TriMet Board  
Safety Monthly Report  
July 2015

## SAFETY

### Current Activities

- Safety Management System (SMS) Update
  - Training
    - Development of Phase 2 of the Safety Management System training for all TriMet staff is underway. This phase includes training of supervisors and frontline employees. The training is targeted to begin October 2015.
    - All Safety staff completed a required introductory course on Transit Safety Management Systems sponsored by the Federal Transit Administration (FTA).
    - TriMet hosted the Transit Safety Institute (TSI) course Rail System Safety. TriMet employees from nearly all Divisions attended the course in addition to safety and operational staff from transit agencies throughout the country.
  - Work continued on the development of an employee injury trend analysis dashboard. The dashboard will assist each Division to assess progress in controlling employee injuries.
  
- Orange Line
  - *Safety/Security Readiness Review:* The Oregon Department of Transportation (ODOT) conducted a Safety and Security Readiness Review of the Portland to Milwaukie Project to assess the safety and security of the Orange Line. ODOT has conducted similar reviews for other MAX system expansions, including the Green Line.

TriMet is required to follow the Safety and Security Management process described in TriMet's System Safety Program Plan, as specified by 49 CFR Part 659 and the ODOT Program Standard. The process is designed to ensure that all of the elements and items that comprise the project at each phase (from design all the way through to revenue operations) have been verified as completed and are safe and secure for the operational phase. These elements and items include everything from documents and plans, to the physical systems and facilities that make up the new light rail line. There were no significant findings. ODOT will formalize the findings and recommendations within the next few weeks. TriMet is already addressing the recommendations made, which will be completed well before opening in September.

- *Tabletop Exercises:* Three tabletop exercises and two full scale drills were held with TriMet operations and safety personnel, Transit Police, Clackamas Fire Department, Portland Fire Bureau, Portland Police Bureau, Milwaukie Police Department, Transportation Security Administration, Union Pacific Railroad, Portland and Western Railroad, Oregon Department of Transportation, and others. The exercises and drills were to assess:

1. Coordination and decision-making processes between responding agencies;
2. Ability of TriMet and supporting first responders to continue transit operations throughout an incident and resume operations following an incident;
3. Emergency communication processes and procedures between the railroads dispatch centers and TriMet OCC and between first responders and affected communities; and
4. Ability to deliver coordinated, prompt, reliable, and actionable information to affected communities through the delivery of clear and consistent information regarding threats and hazards, protective measures, and other actions.

The exercises and follow-up actions will be formalized in an after-action report. An additional drill is planned to continue building upon inter-agency relationships among the participating agencies/groups for improved response and coordination to an emergency event.

- Audit of the Robertson Tunnel Safety Systems

The Federal Transit Administration (FTA) issued Safety Advisory 15-1 to advise rail fixed guideway public transportation systems with tunnel environments that State Safety Oversight Agencies will be conducting an assessment of tunnel ventilation systems, emergency procedures for fire and smoke events, training programs to ensure compliance with those emergency procedures, and application of industry best standards in maintenance and emergency procedures. Additionally, FTA instructed all State Safety Oversight Agencies to conduct inspections of the rail transit agencies' tunnel ventilation systems, and to audit the rail transit agencies to assess the adequacy of the rail transit agencies' emergency procedures, to ensure compliance with those emergency procedures, and to determine compliance with industry standards in maintenance and emergency procedure. The FTA issued Safety Advisory 15-1 in response to an urgent safety recommendation by the National Transportation Safety Board (NTSB). The FTA Safety Advisory 15-1, "Audit All Rail Fixed Guideway Public Transportation Systems with Subway Tunnel Environments," will be conducted by ODOT. Safety staff are gathering all requested information in preparation of the audit, which is scheduled for completion by July 30, 2015.

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## SECURITY

### Current Activities Status

- *Missions:* Transit Police participated in several RailSafe and BusSafe missions during the past few weeks. The missions provide high visibility operations to deter and detect criminal activity and disrupt potential terrorist pre-attack surveillance and other suspicious active on both bus and trail transit service. The missions are conducted in close coordination with each of TriMet's jurisdictional police partners.
- *Security Summit:* TriMet participated and hosted Transportation Security Administration's (TSA) Quarterly Mass Transit Security Summit. The summit is an opportunity for TSA and regional transit agencies to exchange information on transit related security issues, including how to better prepare in the event of a security threat.