

M & E SAFETY NEWSLETTER

**Take Safety
Personally....**

**Make It Part Of
Your Daily Routine**



MAINTENANCE & ENGINEERING SAFETY COMMITTEE.....

The M&E Safety Committee's Mission Statement:

Create a culture of safety and accountability for M&E employees through open communications, identifying and mitigating safety concerns, and developing solutions to improve safety.

M&E Safety Committee Symposiums

On May 12, 2014 the Chief Engineer and Safety Committee hosted the M&E Safety Symposium. A second M&E Safety Symposium was held at May 20, 2014 at the OKA. The following individuals represent the committee; Lynette Toney, Luis Leon, Rocio Batarse, Fred Edwards, Christian St. Denis, Tim Cochrane, Rich Watson, Nicolas Jureidini, Phil Loyd, Carlton Davis, Michael Smith and Felix Marten.

Stakeholders from Train Control, Non Revenue Vehicle, Operations Control Center, Electrical, Track & Structures and Technical Training attended the Symposium. There was great energy and synergy, which

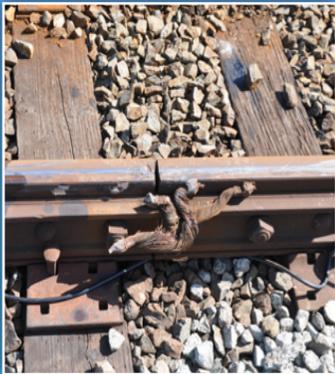
sparked fruitful conversations on methods of promoting and increasing safety awareness. The committee also entertained conversations of embedding safety in the fabric of the organization.

Over the year the Chief Engineer and BART's M&E Safety Committee held two Safety Symposiums, one in the spring and the other in the fall. The first safety symposium was held on day shift in May at the Metro Center Auditorium and the second was held on grave shift on May 20, 2014 at the Oakland Shop Annex. Subject matter experts from all disciplines were in attendance and discussed safety issues at BART. The discussions at both sessions were helpful and productive, as people openly

expressed their concerns to the M&E Safety Committee. The purpose of the meeting was to collectively identify issues that required attention and could improve safety awareness at BART. Stakeholders were encouraged to articulate any topic that possibly poses a safety concern to BART employees. The next M&E Safety Symposium will be held on October.



SAFETY IS ON OUR MIND



BART's Safety Slogan Contest

M&E's Safety Committee challenged you to exercise your creative side of your brain and develop a Safety Slogan and you did.....

First and foremost the M&E Safety committee would like to thank all of you who participated in submitting a safety slogan for consideration and the committee members who selected the winner. More than 40 safety slogan were submitted and selecting the winner was difficult and challenging since many of the slogans were very catchy and creative. One slogan even included a BART maintenance mascot which came in close second. The committee went through several iterations to select the most appropriate slogan. However, without further todo the M&E Safety Slogan is **"Tomorrow: Your Reward for Working Safely Today"**. The safety slogan was submitted by Shahbaz Khan, an Electrical engineering. Please congratulate him for the safety slogan which will be viewed in banners and in literature throughout the District. published in the M&E's Safety Newsletter, District literature, and placed on District vehicles system wide. Shahbaz received a \$50.00 gift

WAYSIDE STAIRS BEING UPGRADED

If you have ever used a stairway to go wayside at one of many BART access points, you know it can be hazardous. The Structures Department has been changing out the worst stairways, one at a time. The improvement is amazing. To all those who are involved in taking on this task, KUDOS!

A special THANKS to the Structures Department for helping to make our job more SAFE

Stairs at C53 Interlocking



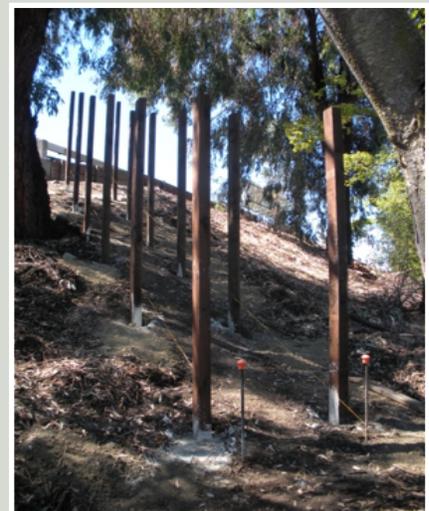
card! Thanks again for all your help and participation.

Safety Rules for BART Service Trucks

8.1.1 Safety Rules for BART Services Trucks - Revised

- Follow all Vehicle Operations Safety Rules as listed in 8.1
- Always use the orange Safety Cones when parked on the side of the road. The cones should be at least 18 inches tall and meet the standard of The Manual of Uniform Traffic Control.
- Prior to moving a BART service truck, conduct a walk around perimeter inspection to ensure truck is free of obstructions. (This can be done when retrieving cones).
- Always try to walk against the traffic flow or walk on non-traffic side when conducting inspection, retrieving cones or returning to the driver side of the truck.
- Before leaving, drivers are to ensure that cones are properly secured to the truck.

Under construction at Oak



Accident Trend:

According to BART Safety Department Calendar year to date accident counts are up. Through June 2014 total count is up 20% compared to the same period last year (Fig 2.0).

June 2014 Accident Data Characteristics:

Total number of reported accidents 31. The data illustrates that 90% of incidents were reported by employees who have reported at least one other industrial injury since 2008. Sprains and strains were most numerous accounting for 55% of incidents and 72% of lost work days (Fig 1.0). Trauma response claims were second most numerous accounting for 20% of claims and 22% of lost work days.

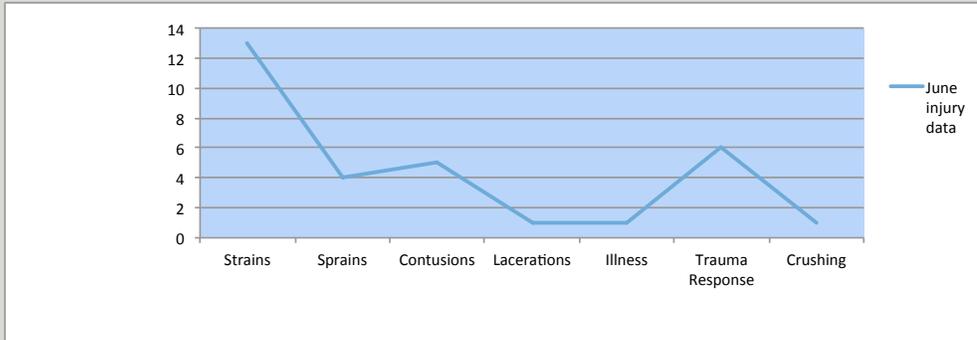


Fig 1.0 Type of Injuries

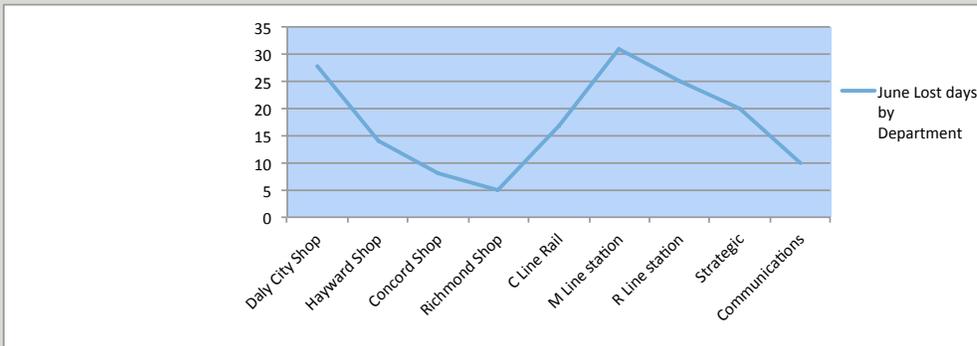
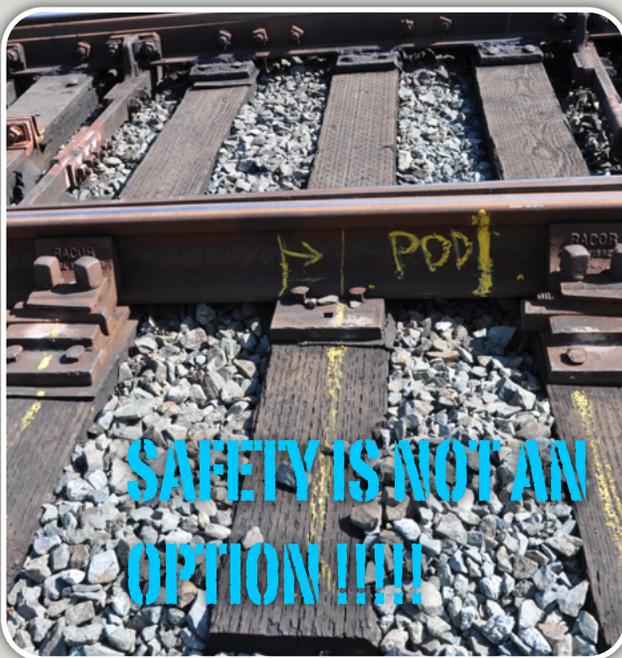


Fig 2.0 Type of Injuries by Department



Negligent Security - Stairwells & Staircases

Violent Crimes – Rapes, Robberies, Murder

We use staircases and stairwells every day without thinking; however, they are often referred to as fringe areas – an area where criminals are likely to operate and an area where you are most likely to be severely injured, attacked, assaulted, robbed, mugged or raped. Stairwells are for passage from one area to another, not a place to linger, loiter or hang out.

Many locations have stairwells including schools, college campuses, work places, office buildings, hotels, shopping malls, parking garages, and apartment complexes. The property owners, managers, and tenants of these locations need to ensure reasonable care” to protect against “foreseeable” criminal attacks that occur on their premises, including common areas such as stairwells.

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Common safety issues with inadequate security in stairwells:

- Broken lights, lack of lights or are not reasonably lighted
- Broken locks or lack of door locks
- Use of fire doors trapping victims and potential targets
- Lack of security guards or surveillance cameras
- Lack of entry way security, key pass, buzzers or electronic systems
- Lack of safety mirrors for better visibility

Here are some things you can do to improve your safety when it comes to stairwells:

- Always be aware of your surroundings and keep your cell phone handy.
- Have a plan and get to where you are going. Do not loiter or get distracted.
- When using stairwells and out-of-the-way corridors, don't use the stairs alone. Have a colleague or security personal see you to your car or where you are going. It is often recommended that you use elevators instead.
- Check to see if the fire stairs lock from the stairwell side above the ground floor so that you can exit but no one can enter.
- Talk to the building manager about improving poorly lighted corridors and stairways.
- Report any broken or flickering lights, dimly lit corridors, doors that don't lock properly, or broken windows. Don't wait for someone else to do it.

Electrical Safety Tips for Non-Electrical Workers

According to statistics compiled by the Bureau of Labor Statistics and the U.S. Department of Labor, 289 workers died in 2002 as a result of contact with an electrical current. This figure includes non-electrical workers, such as carpenters, painters and laborers who come into contact with overhead power lines, power tools that have bad wiring, live electric wiring, equipment, or machinery, and metal objects touching live wiring. If you are a non-electrical worker who works around these types of conditions, OSHA requires you to be trained



Working
Together To Bridge
The Gap

CHIEF ENGINEER'S & SAFETY COMMITTEE CORNER

The implementation of new wayside safety rules is well underway, and I want to thank all of you for the patience and hard work that went into this effort.

While they seem simple, safety rules are very complex to write and implement. If anyone sees opportunities to improve what we have implemented, please be sure to let us know.

Nothing is perfect, but we should certainly strive for perfection when it comes to safety.

You probably have noticed that gaining access to the system to perform work has become more complex due to the new rules, and that there is a larger impact on service when we create work areas.

To address this, there is a significant effort underway to plan and schedule our work to take full advantage of any work areas that we create, and to give Transportation advance notice so they can help minimize the impacts of

the work on our customers.

Why is this relevant to safety? Because planned and scheduled work is statistically proven to be safer for employees than unscheduled work.

Many thanks to all the staff who have pulled together to initiate these new processes and skills.

Please remember, safety is everyone's job, and we need to look out for each other. Thank you!