CAC SAFETY UPDATE

CITIZENS ADVISORY COMMITTEE
OCTOBER 16, 2024
AGENDA ITEM 9

Overview

- **Safety – First and Always is Caltrain's #1 Core Value**

- Safety Culture Enhancements
- Caltrain Safety Dashboard
- Grade Crossings
- Suicide Prevention
- Tree Policy
- Electrification
- Partnering/Outreach
- Calls for Service

Safety Culture

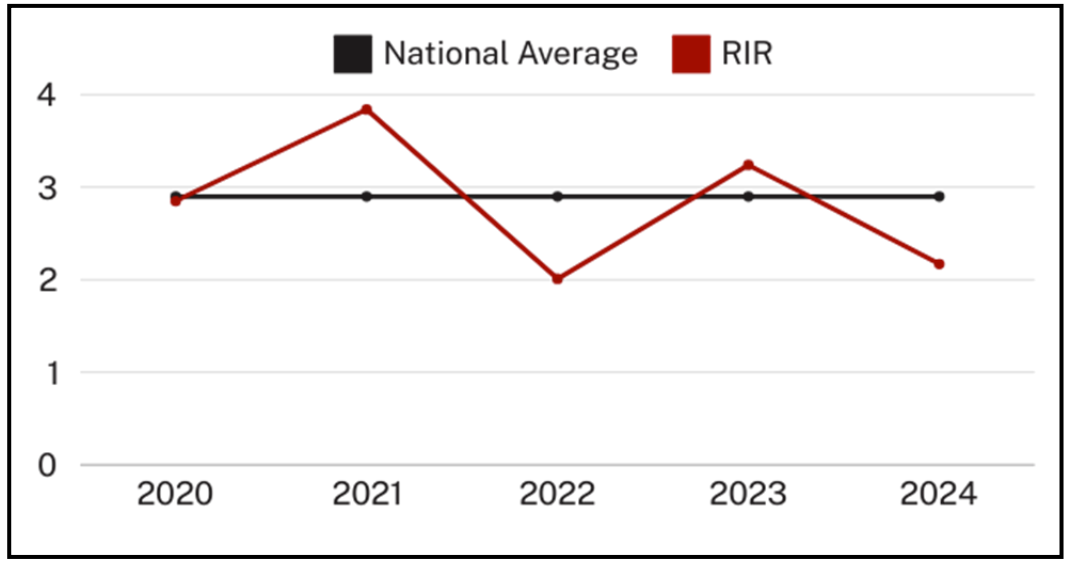
- Created **Safety – First and Always** as our primary core value
- Safety Moments at all Caltrain meetings and briefings
- Safety Concern Reporting well utilized
- AED/CPR training
- Safety Champion Program Ramping Back Up
- Safety Leader Recognition Program
- “Why is Safety Important to Me” Communication
- Risk Based Decision Making / Assessments

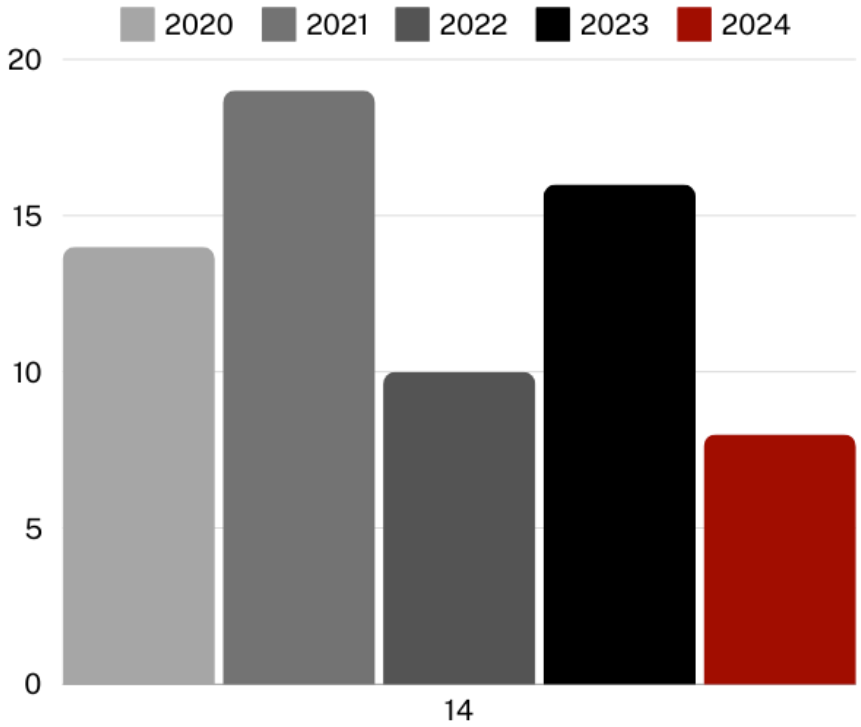
	Severity			
Frequency of Occurrence	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
(A) Frequent	1A	2A	3A	4A
(B) Probable	1B	2B	3B	4B
(C) Occasional	1C	2C	3C	4C
(D) Remote	1D	2D	3D	4D
(E) Improbable	1E	2E	3E	4E

Injuries

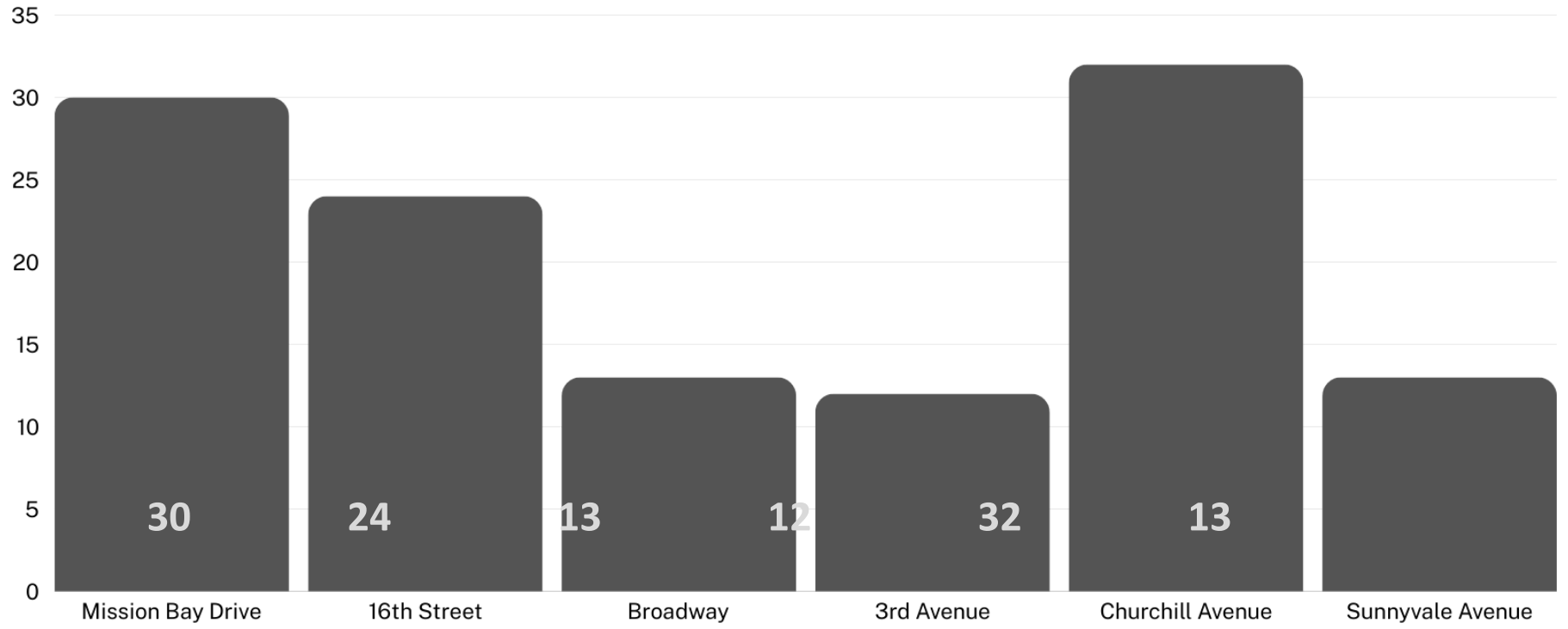
Monthly Injury Ratio is calculated by: (Monthly Man-Hours/#Incidents)/200,000

Cumulative Ratio YTD is Calculated by: (YTD Man-Hours/YTD #Incidents)/200,000





Vehicle Track Incursions



Grade Crossing Enhancements

Corridor Wide Strategy

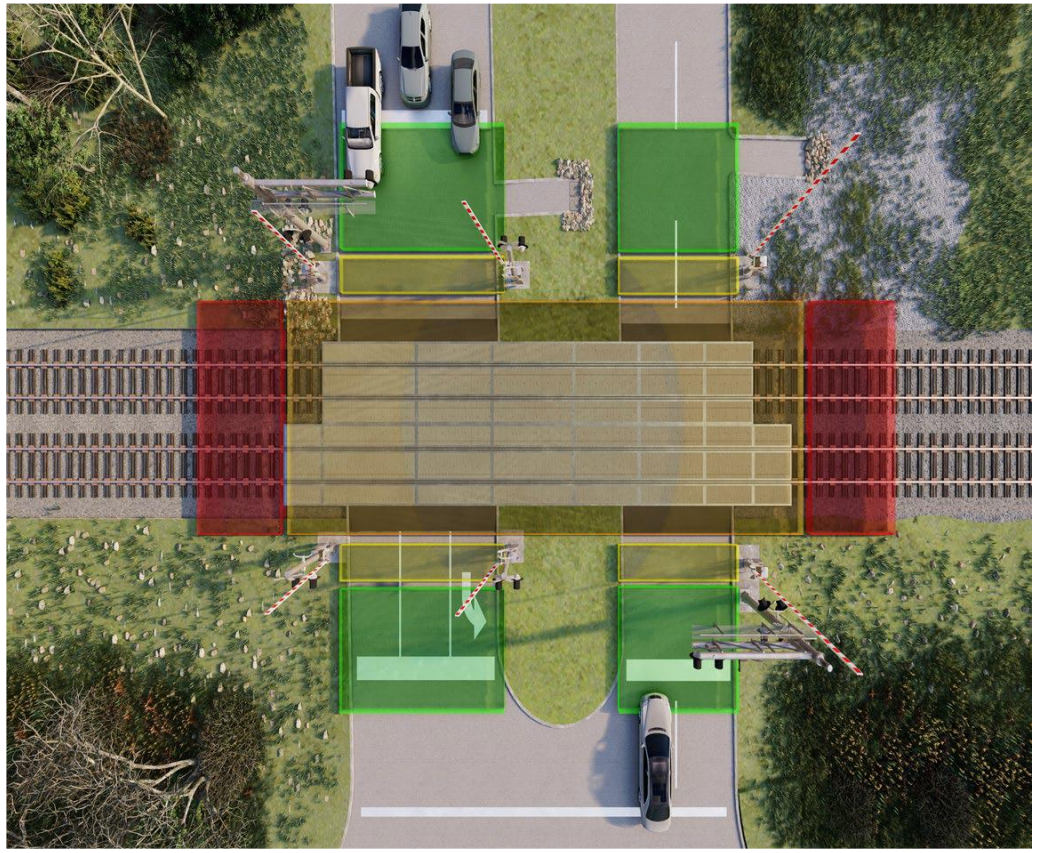
- Pavement Markings
- Solar Lane Markers
- Delineators
- Signage
- Lighting
- Technology – CCTV, Intrusion, Alert Integration
- Wayside Horns - evaluating

- GO-88 Application in Progress – Broadway/Churchill

Grade Crossing Enhancements
Technology and Enforcement

- CCTV
- Intrusion - Rail Sentry
- RFI – Detection Technology – AI
- GPS Partnerships
- Police – Enforcement Activity
- Funding

Grade Crossing Enhancements
Rail Sentry



- Pilot Testing at high-risk crossings
- LIDAR
- CCTV
- Analysis and Alert (AI)
- Forensic
- Future Integration potential
- Data – motorist behavior, traffic control, etc.
- Churchill

Suicide Prevention/Trespassers

- Partner with Regional Suicide /Mental Health Groups
- Partnering with Industry Peers for Best Practices
- Commuter Rail Coalition / APTA / FRA
- 988 Signage across the corridor
- Data / Risk Assessments to focus efforts – Near Misses

Trees

- Tree Management Policy Approved by the Board
- Right of Way Tree Assessments
- Meetings continue with Cities
- Burlingame tree mitigation complete this month

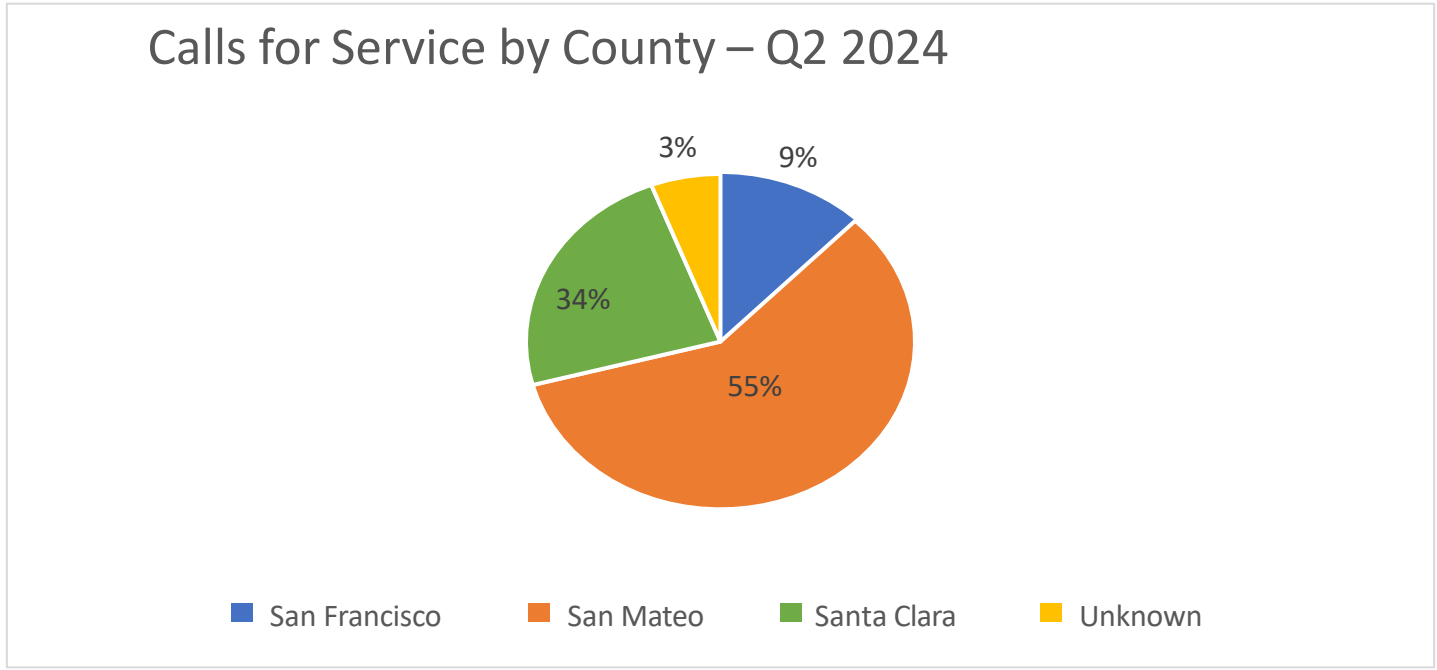
Electrification Safety

- Full Electrification Grand Opening
- More Trains
- Quieter, Quicker Trains
- Pedestrian Crossings
- OCS – High Voltage
- Train Horns

Community Partnering and Outreach

- City of Palo Alto
- City of Burlingame
- City of Redwood City - Sequoia
- Regional Trespasser/Suicide Prevention Partnership
- Operation Lifesaver
- GPS App Companies
- Residential/ Grade Crossing /School Outreach continues
- Electric Train Environment Communication
- Great Shakeout – 10/17

Transit Police Calls for Service



Trespasser	144
Welfare Check	42
Medical Call	28
Dispersal	65
Disturbances	31
Signals	43

Total Calls for Service – 1254
Response Time – 20:02

See Something, Say Something

Do your part to keep the rails safe! **Call Transit Police at 1.877.SAF.RAIL (1.877.723.7245)** **immediately** to report any unsafe situation or suspicious activity, such as children playing near the tracks or people hanging out along the right of way.

Save the number in your cell phone for quick and easy access.