

CAC SAFETY UPDATE

CITIZENS ADVISORY COMMITTEE
JANUARY 15, 2025
AGENDA ITEM 8



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
- Security
- 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
- Safety Champion Program Ramping Back Up
- Safety Leader Recognition Program
- “Why is Safety Important to Me” Communication
- Risk Based Decision Making / Assessments
- Safety Roadshows in 2025

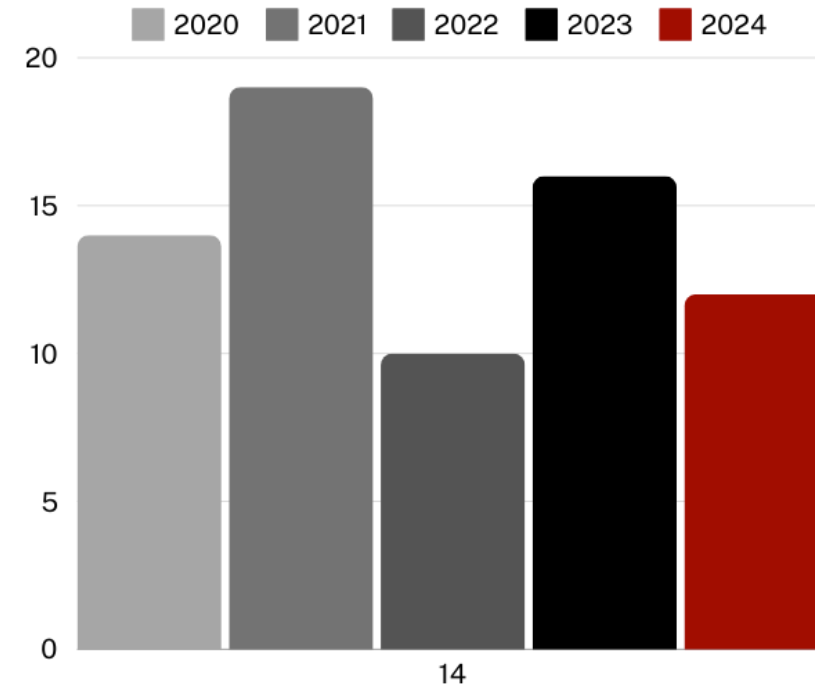
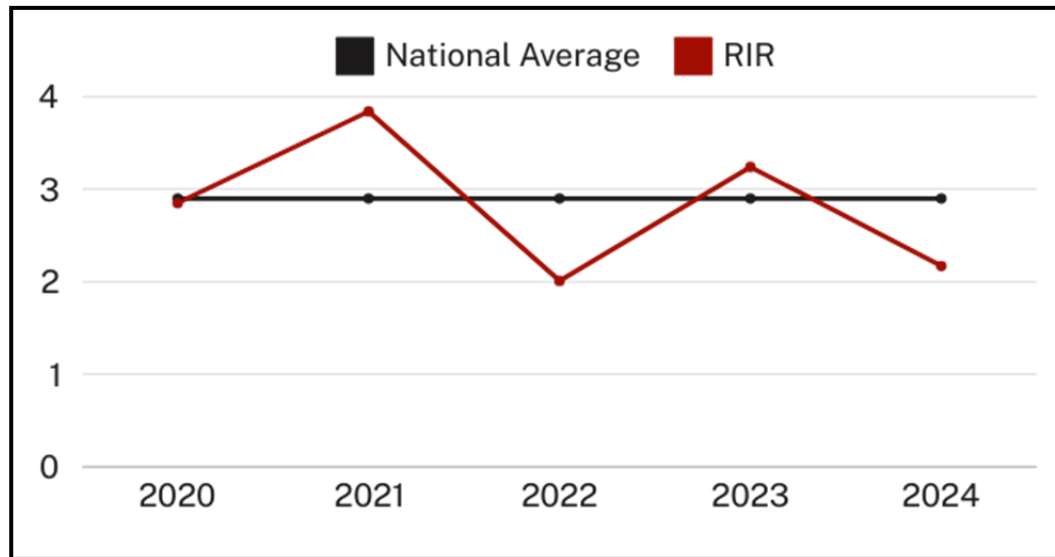


Frequency of Occurrence	Severity			
	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
(A) Frequent	1A	2A	3A	4A
(B) Probable	1B	2B	3B	4B
(C) Occasional	1C	2C	3C	4C
(D) Remote	1D	2D	3D	4D
(E) Improbable	1E	2E	3E	4E

Injuries

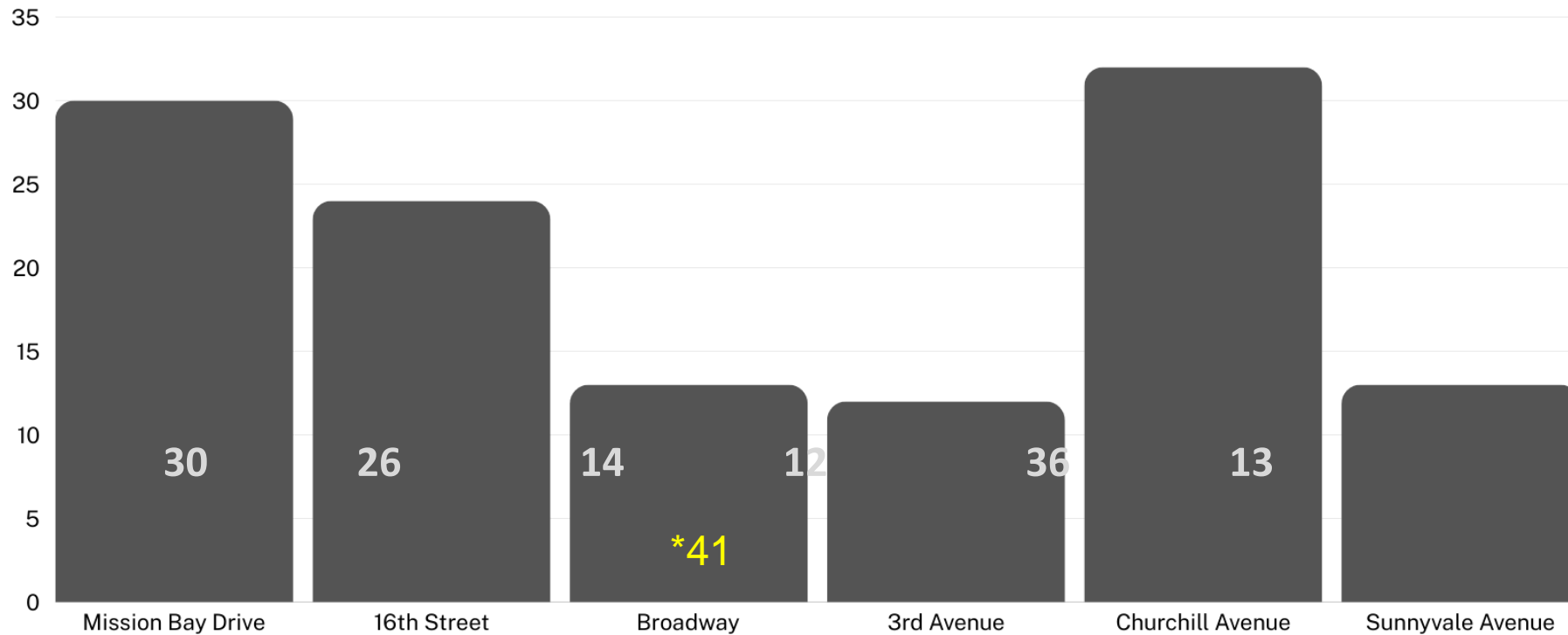
Monthly Injury Ratio is calculated by: $(\text{Monthly Man-Hours}/\#\text{Incidents})/200,000$

Cumulative Ratio YTD is Calculated by: $(\text{YTD Man-Hours}/\text{YTD } \#\text{Incidents})/200,000$



Vehicle Track Incursions

Removed from tracks by Caltrain

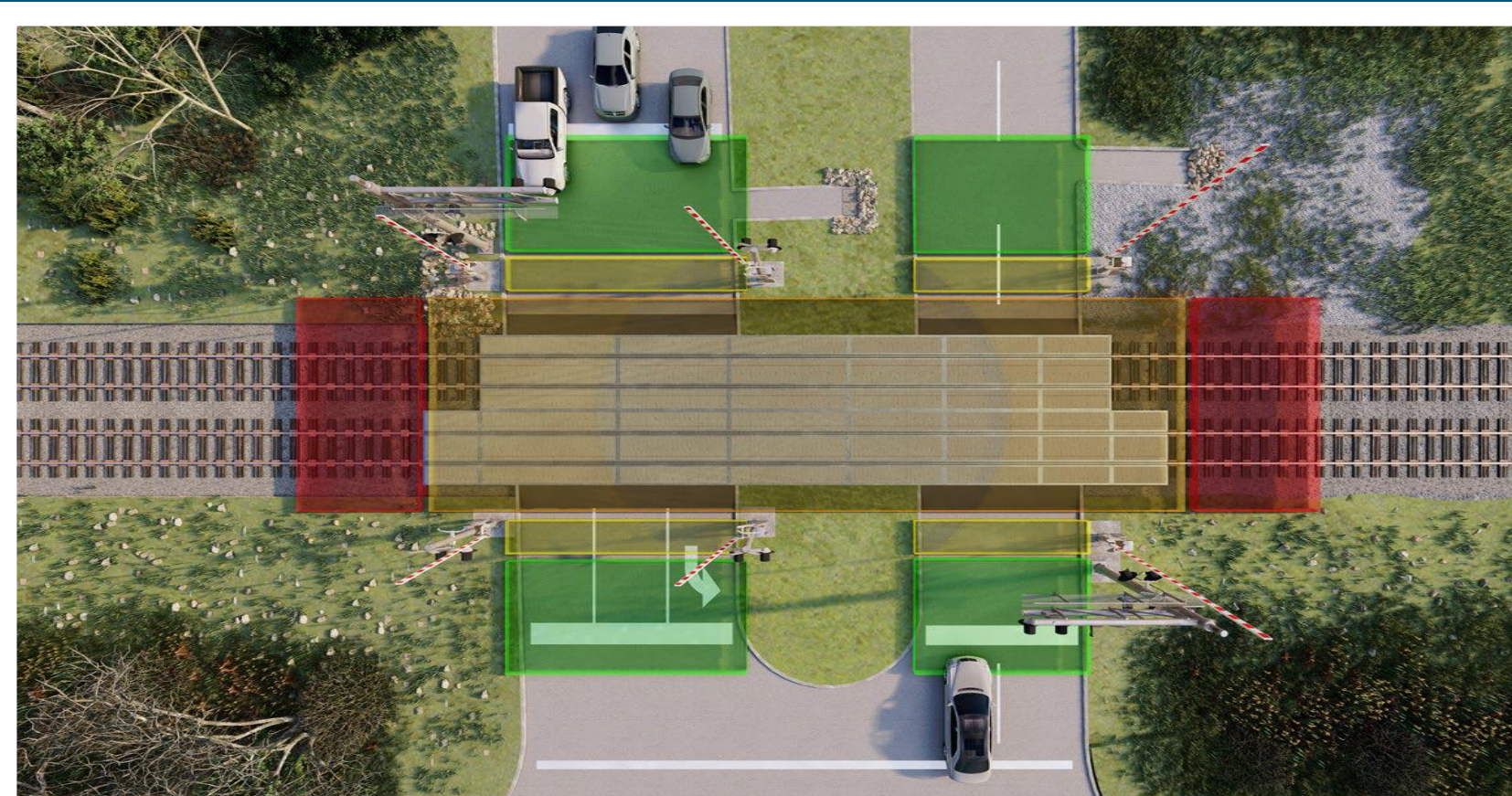


* Rail Sentry data



Grade Crossing Enhancements

Rail Sentry



- Pilot Testing
- LIDAR
- CCTV
- Analysis and Alert (AI)
- Forensic

Grade Crossing Enhancements

Corridor Wide Strategy

- Pavement Markings
- Solar Lane Markers
- Delineators
- Signage
- Lighting
- Technology
- Wayside Horns
- Trespasser Panels

Grade Crossing Enhancements

Technology and Enforcement

- CCTV
- Intrusion
- RFI – Detection/Deterrent/AI Technology - all technology
- GPS Partnerships
- Police – Enforcement Activity
- Funding

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
- Caltrain Suicide Prevention Plan Underway

Trees

- Tree Management Policy Approved by the Board
- Right of Way Tree Assessments
- Meetings completed with all municipalities
- City of Burlingame tree mitigation continues

Electrified Service Safety

- Operation Lifesaver Presentations
- More Trains
- Quieter, Quicker Trains
- Pedestrian Crossings
- OCS – High Voltage
- Train Horns – 96 dB

Community Partnering and Outreach

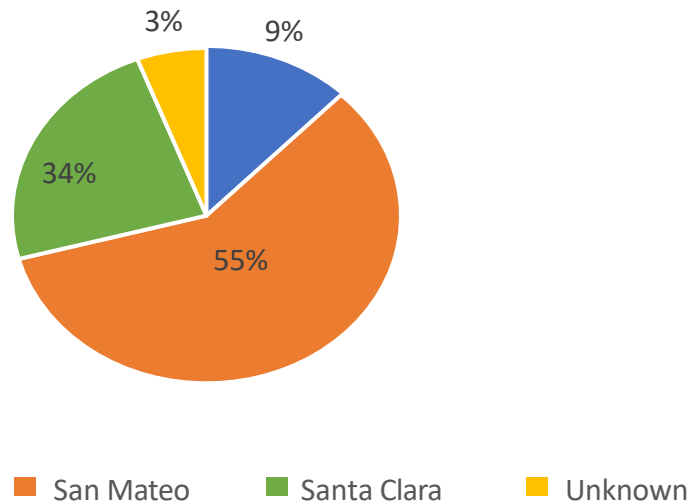
- City of Palo Alto – Churchill and Fencing
- City of Burlingame – Broadway and Trees
- City of Redwood City – Sequoia Station– Paid Fare Zone
- City of Mountain View – Rail Sentry/Technology
- Regional Trespasser/Suicide Prevention Partnership
- GPS App Companies
- Residential/ Grade Crossing /School Outreach continues
- First Responder training continuing (SB, RWC, SF, SJ)

Security

- Sequoia Station - Paid Fare Zone, RWC Police, TP & Security
- LEO Resources
- Passenger Code of Conduct
- Fare Evasion Appeals Process
- Camera Towers
- CCTV Project
- Bike Thefts
 - 45 reported in 2024 – 19 Sep-Dec 2024 (not atypical)
 - 1 reported YTD 2025

Transit Police Calls for Service

Calls for Service by County – Q2 FY2025



Trespasser	134
Welfare Check	40
Medical Call	45
Dispersal	64
Disturbances	28
Signals	43

Total Calls for Service – 1334
Average Response Time – 26:02



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.

Caltrain
Safe

