

CAC SAFETY UPDATE

CITIZENS ADVISORY COMMITTEE

APRIL 17, 2024

AGENDA ITEM 10



Overview

- Safety – First and Always is Caltrain's #1 Core Value
- Safety Culture Enhancements
- Caltrain Safety Dashboard
- Grade Crossings
- Tree Removal
- Partnering/Outreach

Safety Culture

- Created **Safety – First and Always** as our primary core value
Email Signature
- Safety Moments at all Caltrain meetings and briefings
- New Safety Champions Recruited
- Safety Concern Reporting well utilized
- CPR training
- Safety Leader Recognition Program
- Focus on – Safety Communication/Messaging
- Risk Based Decision Making / Assessments



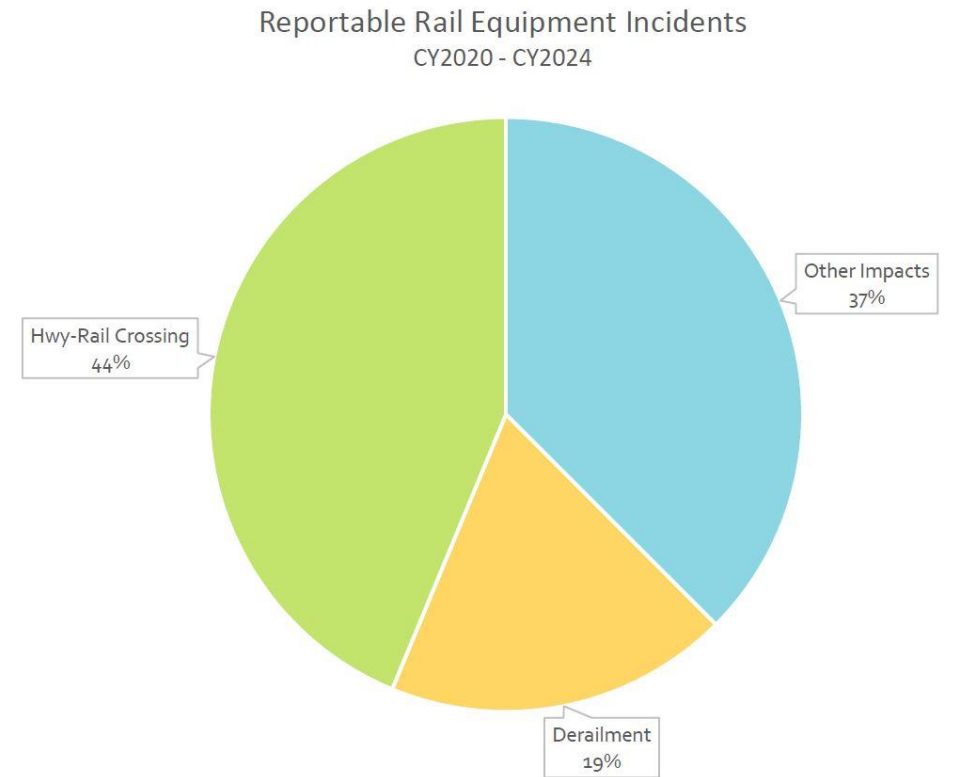
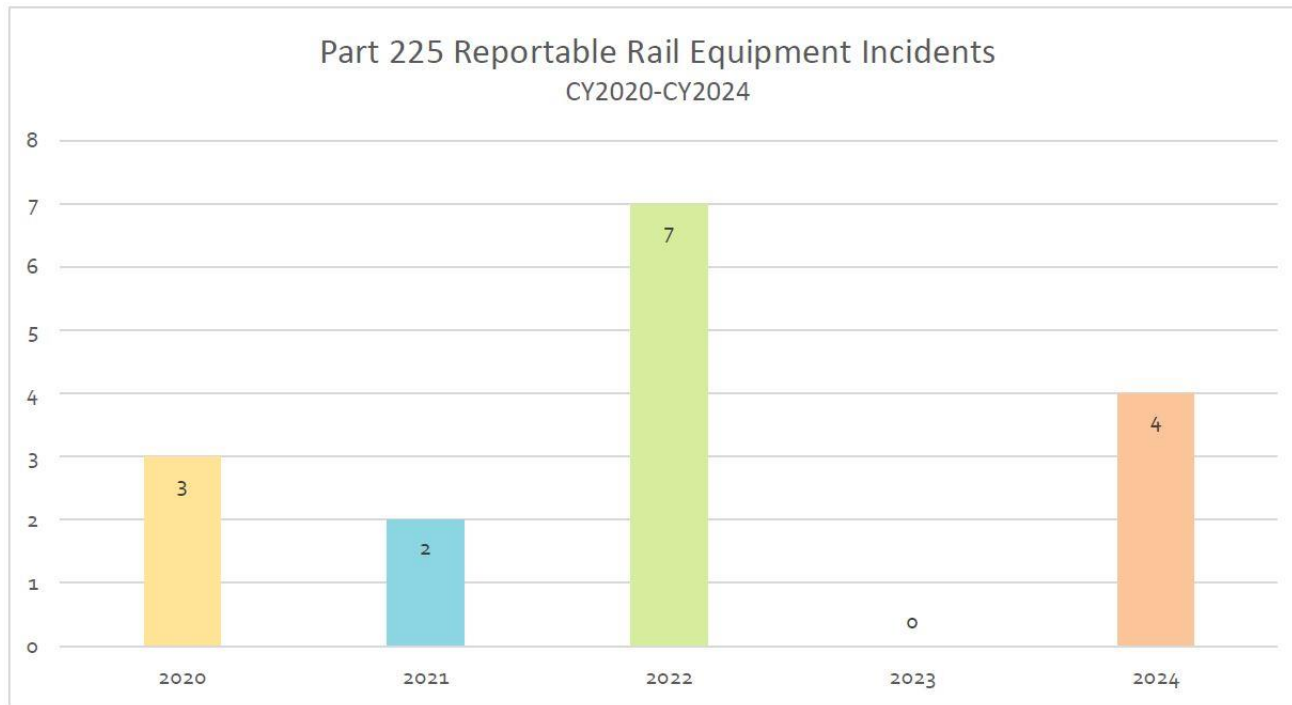
Frequency of Occurrence	Severity			
	1 Catastrophic	2 Critical	3 Marginal	4 Negligible
(A) Frequent	1A	2A	3A	4A
(B) Probable	1B	2B	3B	4B
(C) Occasional	1C	2C	3C	4C
(D) Remote	1D	2D	3D	4D
(E) Improbable	1E	2E	3E	4E

Injuries

TASI Reportable Injuries YoY/MoM
CY2021 - CY2024



Accidents/Incidents



Caltrain Trespasser Strikes 2021-2024 (YTD)

Year	Trespasser Strikes	Fatalities	Suicide*	Unintended*	Pending
2024	10	10			10
2023	19	15			19
2022	16	14	8	3	3
2021	13	11	10		1

* Coroner and Law Enforcement determine cause

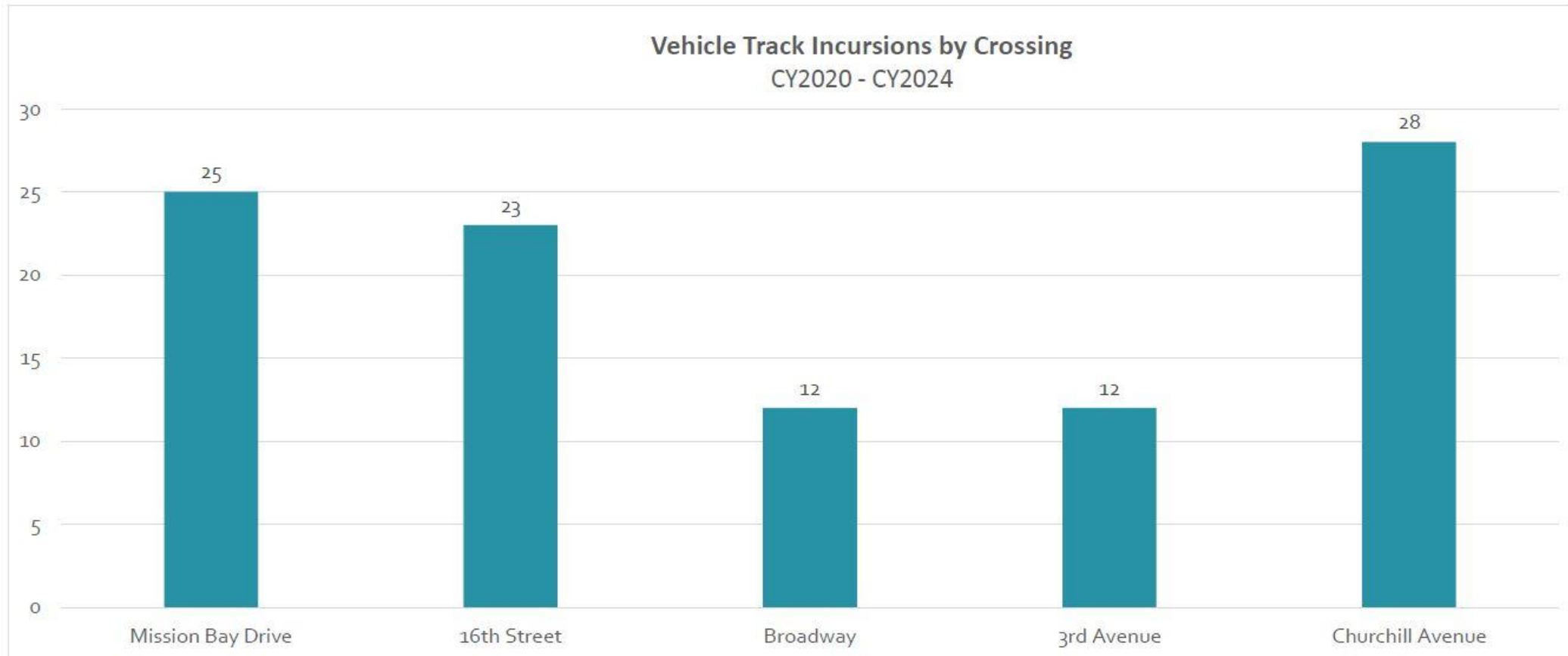
Accidents/Incidents



Caltrain Trespasser Strike Analysis

- No clear trend as to time of day or year
- Most are intentional
- Focus - Tunnel Areas in SF
- Focus - At or near stations
- Focus – Alignment Access concerns
- Focus - Reporting Near Miss/Trespassers

Vehicle Track Incursions

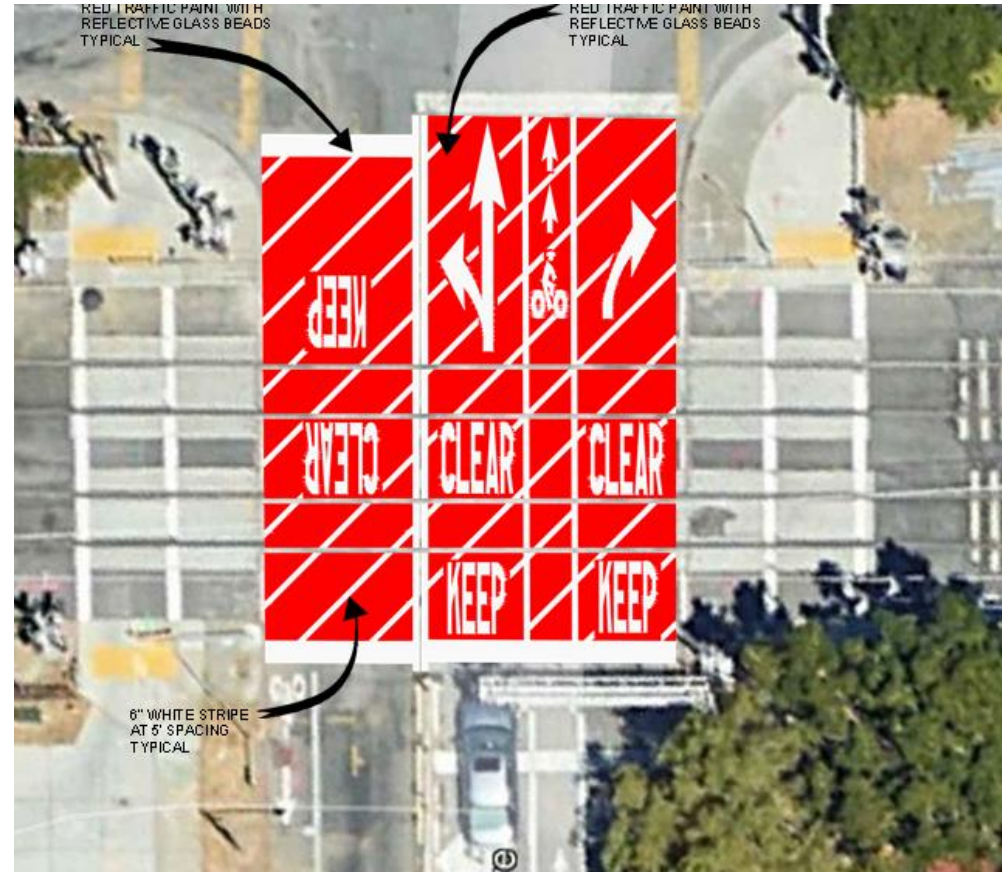


Grade Crossing Enhancements

- Pavement Markings
- Solar Lane Markers
- Delineators
- Signage
- Lighting
- Technology – CCTV, Intrusion, Alert Integration
- Scheduled improvements and separations

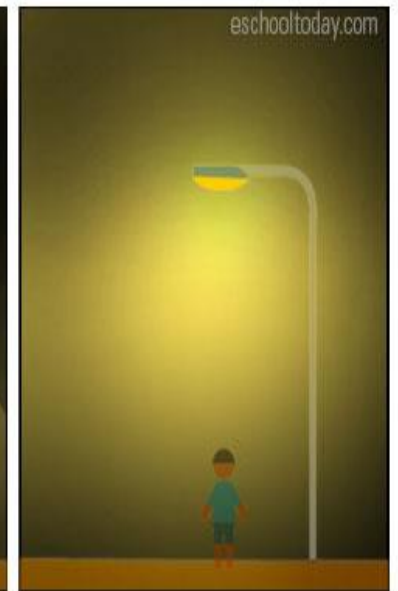
Grade Crossing Enhancements

Pavement Markings



Grade Crossing Enhancements

Markers, delineators, signage and lighting



Grade Crossing Enhancements

Pursuing Technology

- CCTV
- Video Analytics – proximity, LPR, etc.
- Intrusion
- See something, say Something

Grade Crossing Enhancements

Technology - Intrusion

- Pilot Testing at high-risk crossings
- LIDAR
- CCTV
- Analysis and Alert
- Forensic
- Future Integration potential

Fencing and Barriers

- Full alignment risk assessment beginning
 - Right of Way
 - Points of Entry
 - Tunnels
 - Stations, etc.
- PCEP and general fencing repairs continuing (Risk based)
- Exploring multiple fence funding sources
- Fence replacement project – Palo Alto

Tree Removal Updates

- Over 700 trees have been removed or pruned (primarily Burlingame)
- 100 high risk trees to be removed in Burlingame/Millbrae (summer)
- Caltrain removing 93 high risk trees on ROW (in process)
- Corridor wide assessments on-going with cities
- Focus is Eucalyptus/Gum/Arcadia
- Caltrain Tree Removal Policy in development

Community Partnering and Outreach

- City of Palo Alto
- City of Burlingame
- Reaching Out to other cities
- Regional Trespasser/Suicide Prevention Partnership
- Operation Lifesaver
- GPS App Companies
- Residential/ Grade Crossing /School Outreach continues
- Electric Train Environment Communication

Safety Card

CALTRAIN IS NOW ELECTRIC!

The new electric train system can be ***dangerous and even life-threatening***

See something unsafe?

Call 1.877.SAF.RAIL
(1.877.723.7245)

For any emergency on Caltrain, to report suspicious activity, or if you see a damaged electrical wire.

24/7 Suicide and Crisis Lifeline:

Call or Text 988

Social Services Hotline:

Call 211

caltrain.com/safety

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STAY SAFE BY KNOWING THESE SIMPLE SAFETY TIPS:

CALTRAIN IS ENERGIZED:

The Caltrain system is now electric. Wires and ground cables carry 25,000 volts of electricity and can be dangerous. **Never approach or touch overhead wires or equipment with things like ladders, antennas, and most importantly, yourself!**

ALWAYS EXPECT A TRAIN:

New electric trains are quieter and faster than you think. They can run on any track, at any time, from either direction. Stay safe and stay off the tracks.

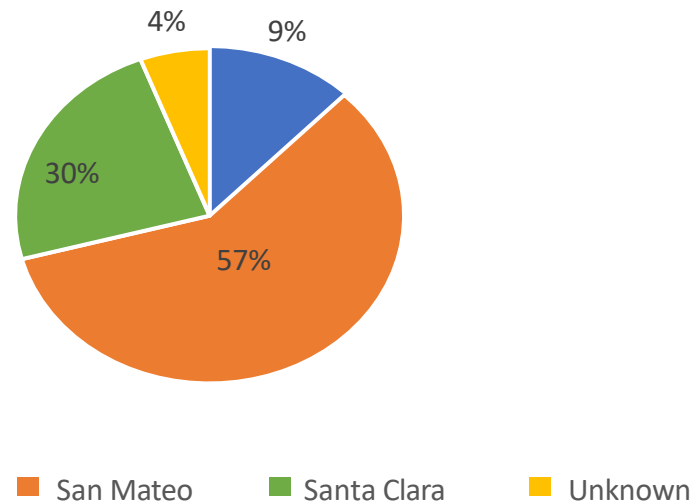
CROSS ONLY AT DESIGNATED CROSSINGS:

The only safe place to cross tracks is at designated public crossings with a crossbuck, flashing red lights or a gate. Crossing anywhere else is illegal.

Caltrain

Transit Police Calls for Service

Calls for Service by County – Q1 2024



Trespasser	130
Welfare Check	70
Medical Call	38
Dispersal	65
Disturbance	26
Signals	58

Total Calls for Service - 1050

See Something, Say Something

Do your part to keep the rails safe! **Call Transit Police at 1.877.SAF.RAIL (1.877.723.725) 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

