



► C Line Summary and Update



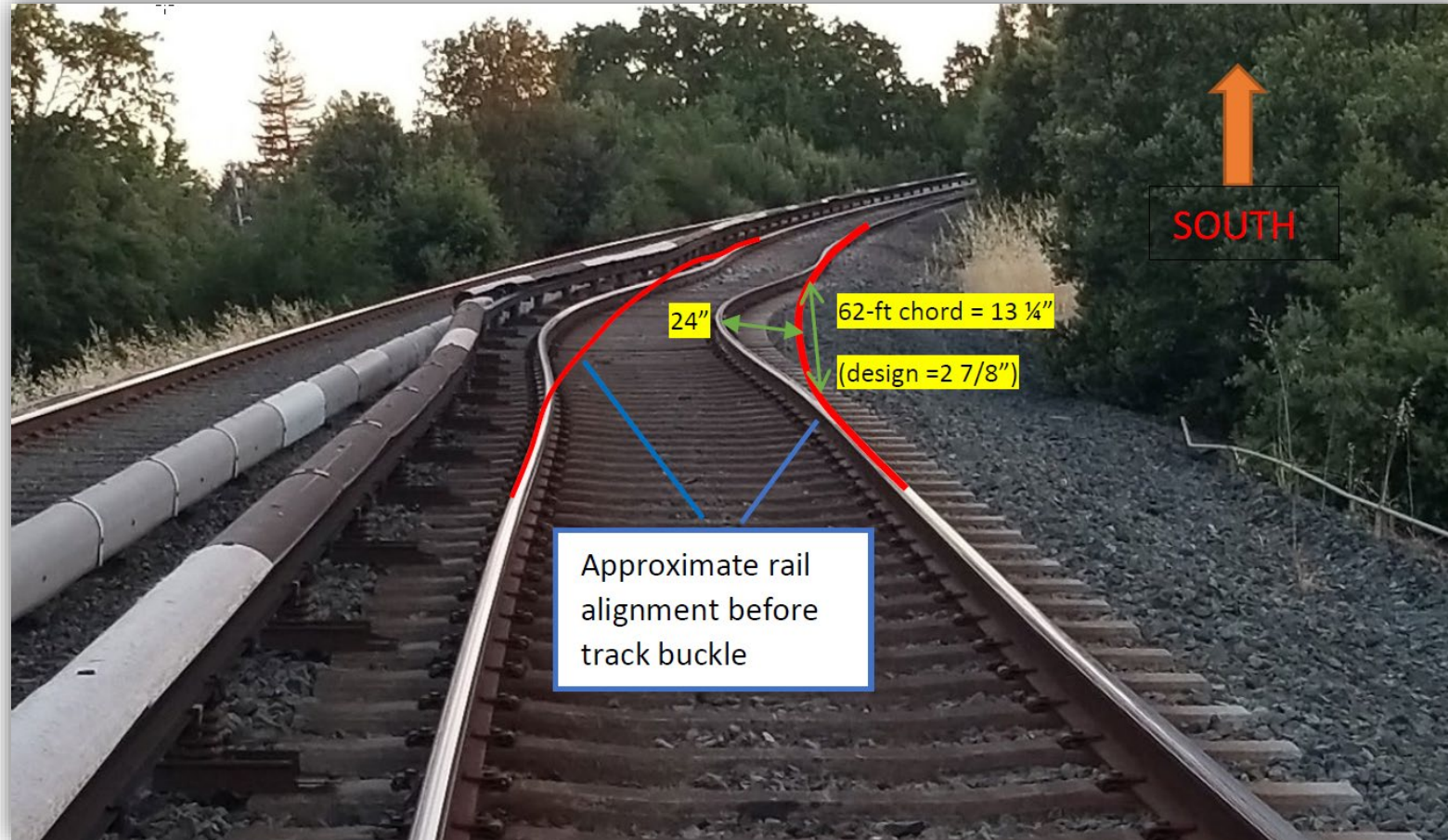
June 21, 2022

Train 323 (T323)

- 10-car legacy train
- Southbound
- C2 Track
- 9th & 10th cars derailed
- Passed over a thermal misalignment
- 3 Patrons/1 employee transported for injuries sustained in the event



Thermal Misalignment



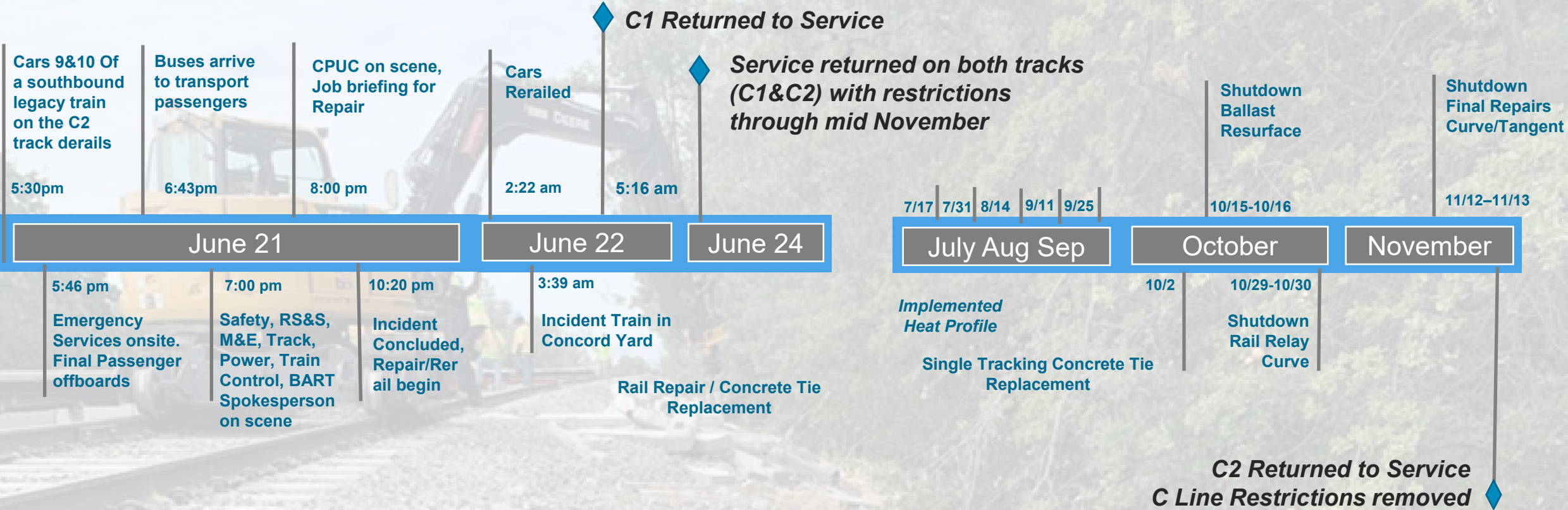
Effect

- 24" deviation in curved rail
- C2 3rd rail encroached C1 Track
- Ballast displaced
- Concrete ties shifted

Thermal Misalignment:

"A lateral shift of a portion of a track alignment, most commonly occurring at a curve cause by an extreme heat event"

Response and Repair



Moving Forward

Short Term

- Heat File
- Increased Inspections
- Limit trackway disturbing work
- Customer communication

Longer Term

- Track Criteria
- Track Inspection Training
- Fall/Winter/Spring Surfacing / Stabilization Schedule
- Systematic Rail Replacement Schedule
- Increased Geometry Car schedule during summer months
- Remote Monitoring
- Training Video
- Refine Heat File
- Media Plan

“The Bay Area record breaking heatwave has taught us that we must not rest on history. The laws of contraction and expansion have made us evaluate our standards and processes. Just as we operate at a slower speed in the rain to reduce asset failure, we must do the same for high heat events. “

~Shane Edwards, AGM Operations

Thank You