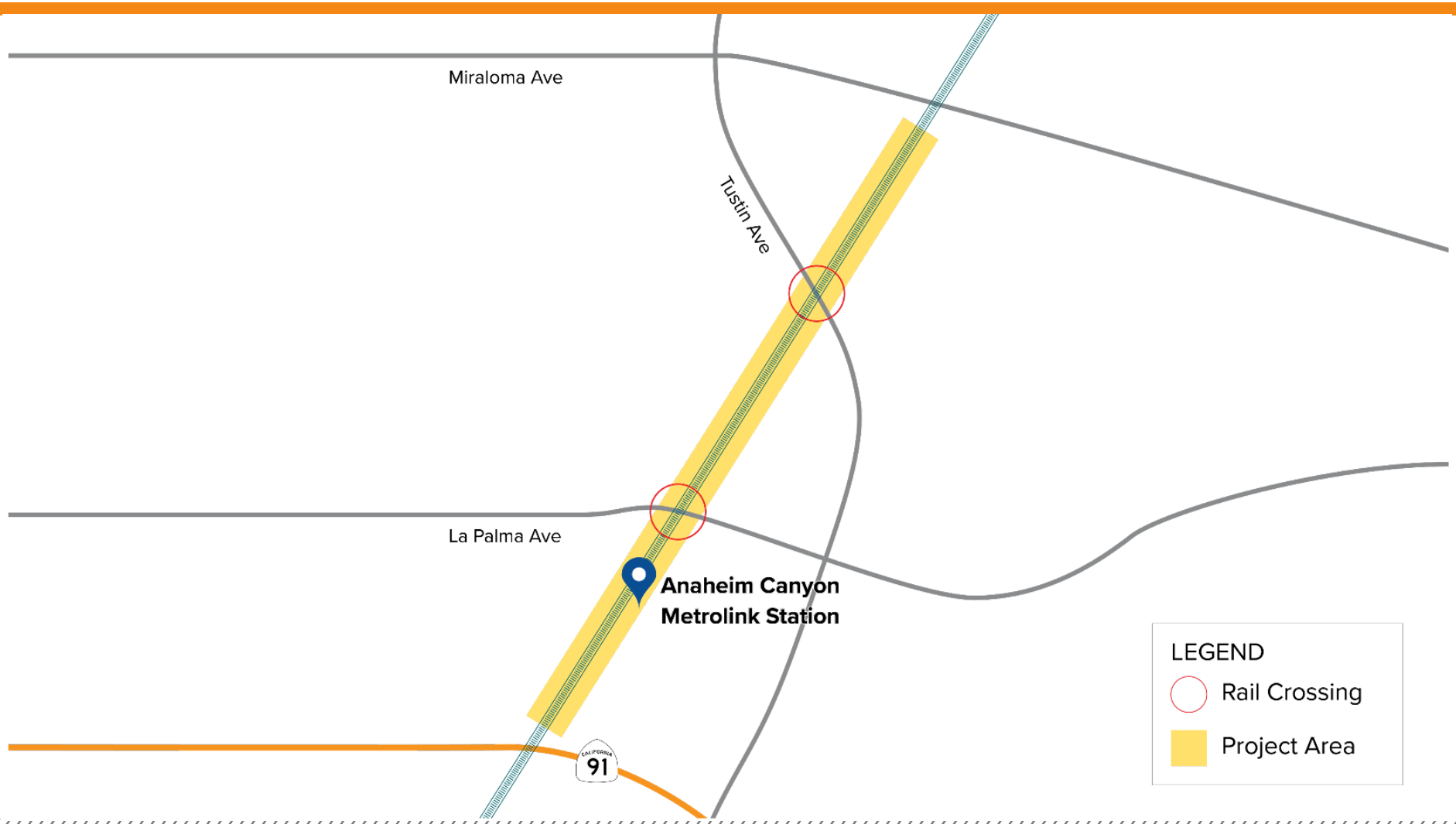
Anaheim Canyon Metrolink Station Improvement Project Update

Project Site

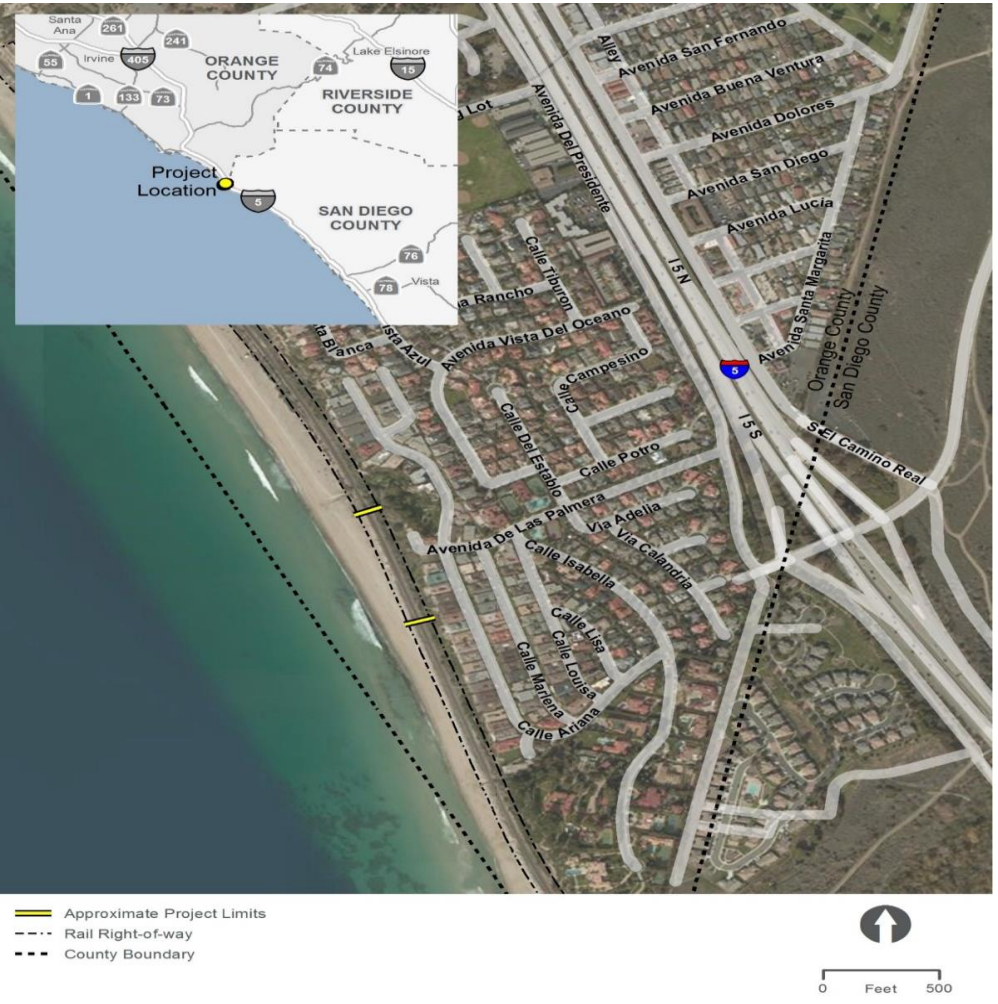


Project Improvements

Overview

- 3,400 linear feet of new track
- New platform and extension of existing platform
- Improvements to crossings
- New benches, shade structures, ticket machines

Rendering of station improvements



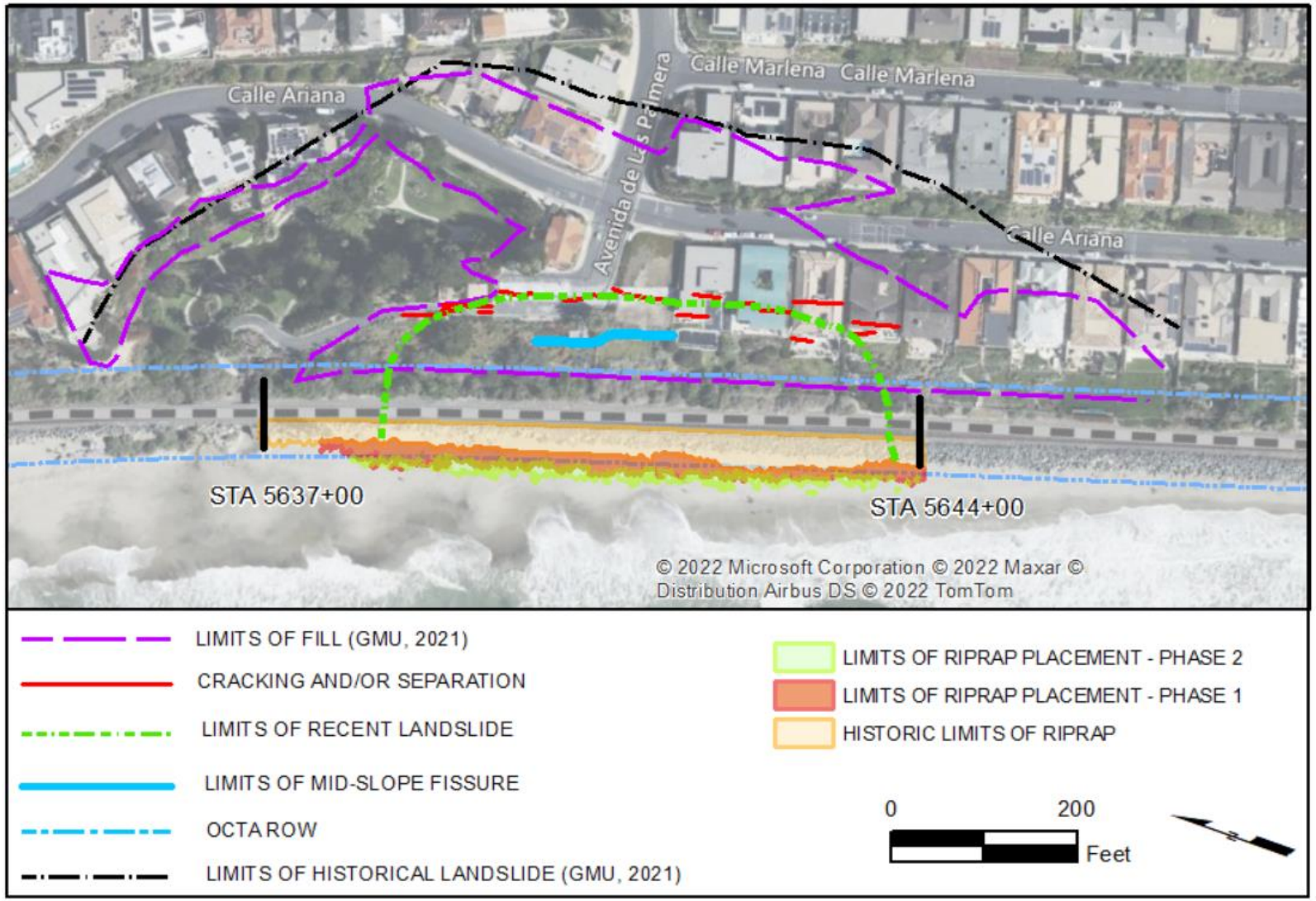
Emergency Railroad Track Stabilization

Mile Post 206.8 – San Clemente, CA

OCTA

Landslide Background

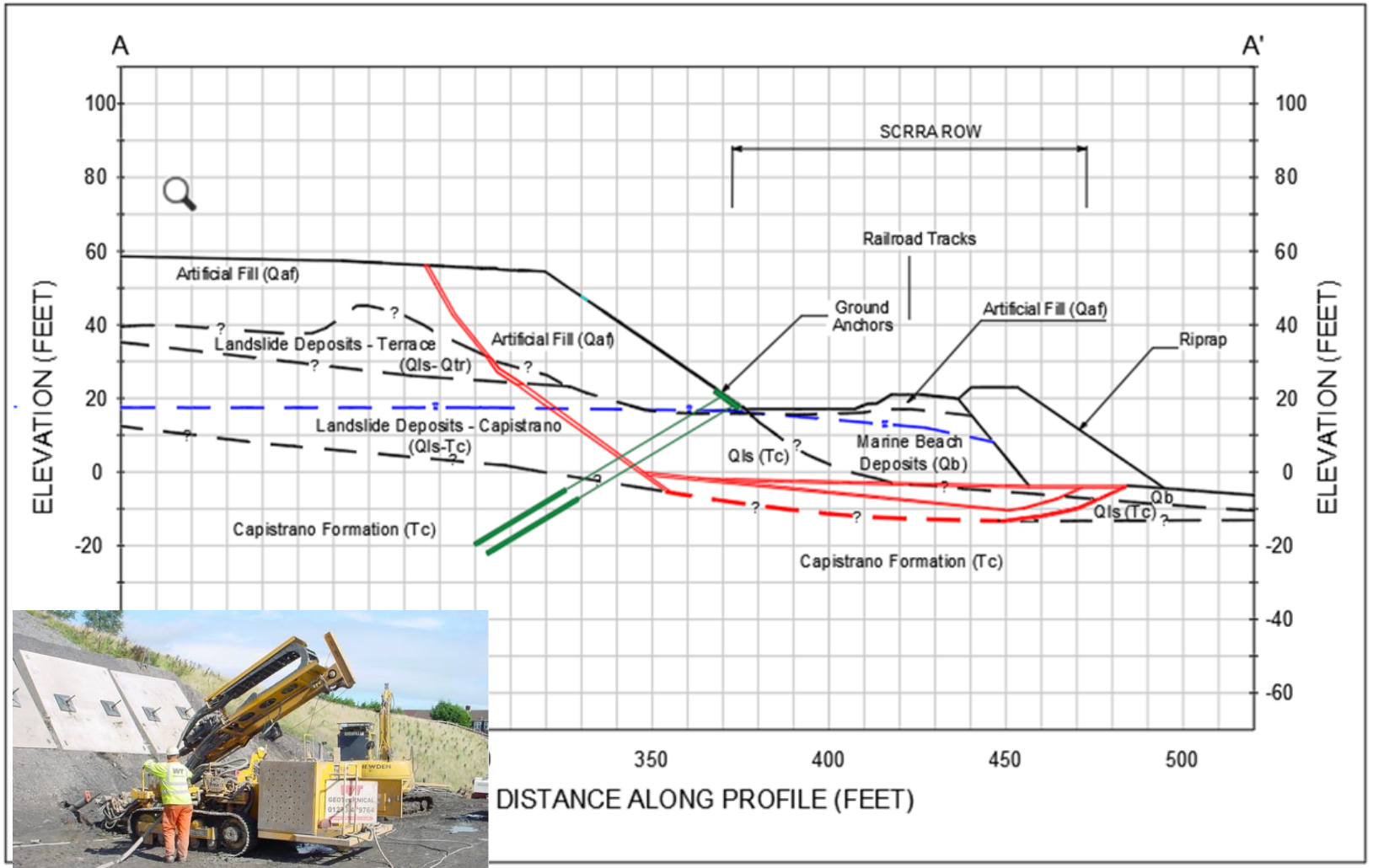
- September 2021
  - Significant beach erosion activated historical landslide
  - Tracks moved +28-inches laterally toward ocean
  - Train service suspended to stabilize tracks
  - Placed +18,000 tons of riprap along 700 feet of track (counteracts mass of slide)
  - Monitoring track and slope movement
- September 2022
  - Additional slope movement due to high tides, waves, and storm surge
  - Placed more riprap
  - Operating speed reductions
  - Assessment of slope movement indicates larger mass of historic slide is beginning to move
  - Train service suspended due to continued incremental movement
  - Assessed alternatives to stop slide movement



OCTA – Orange County Transportation Authority / ROW – Right-of-Way

Proposed Work

- Assessed slope flattening, ground improvement, sea wall, pile improvements, and ground anchors
- Ground anchors (green) placed into bedrock through the slide planes; designed to hold back the larger slide; will stabilize the movement and provide a satisfactory factor of safety
- Can be rapidly constructed



SCRRA – Southern California Regional Rail Authority

Project Schedule

Milestone	Estimated *
Full Notice to Proceed - Contractor Initiation	October 14, 2022
Submittals, Training, Design/Review, Site Preparation	October 12 – October 28, 2022
Construct Tiebacks Lift 1	October 31- December 15, 2022
Assess Testing Data – *Decision on Service Restoration*	Mid-December 2022
Construct Tiebacks Lift 2	November 30, 2022 – January 5, 2023
Slope Surface Restoration	December 28, 2022 – January 10, 2023
Construction Closeout	March 9, 2023
Regulatory Permitting	Ongoing

**Dates are preliminary forecast and subject to change*