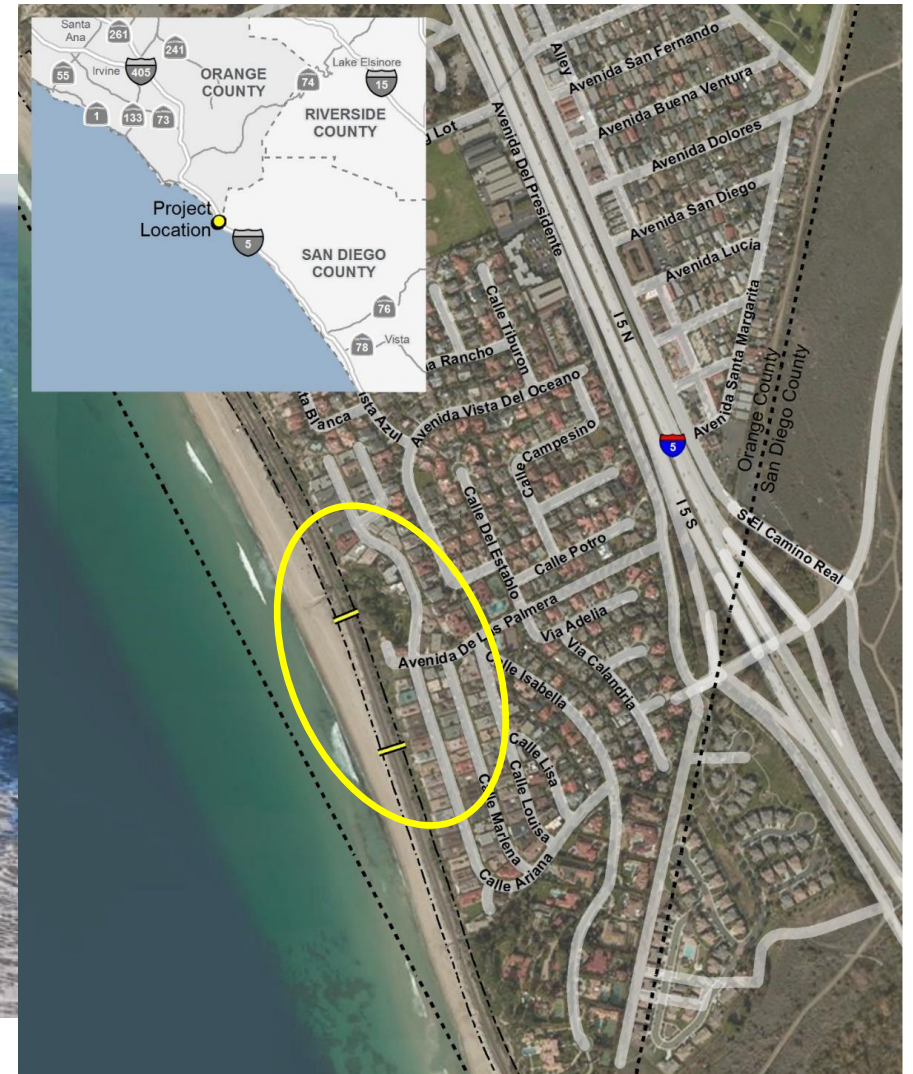
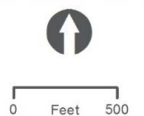


Cooperative Agreement with the Southern California Regional Rail Authority for Railroad Track Stabilization in the City of San Clemente

Project Location



- Approximate Project Limits
- - - Rail Right-of-way
- - - County Boundary



Slope Failure



Slope Failure (Cont'd)



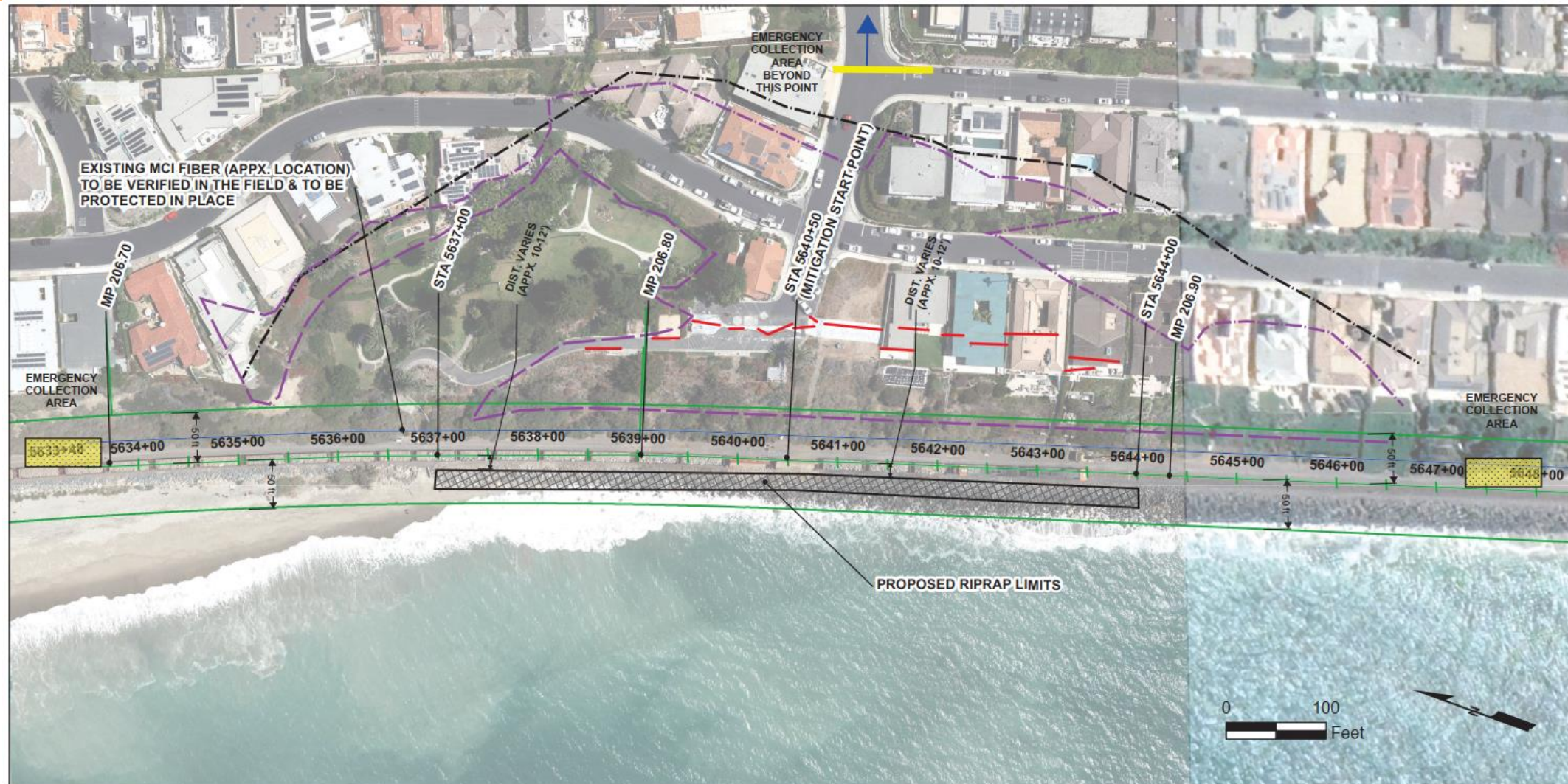
9/24/21

Track Deflection



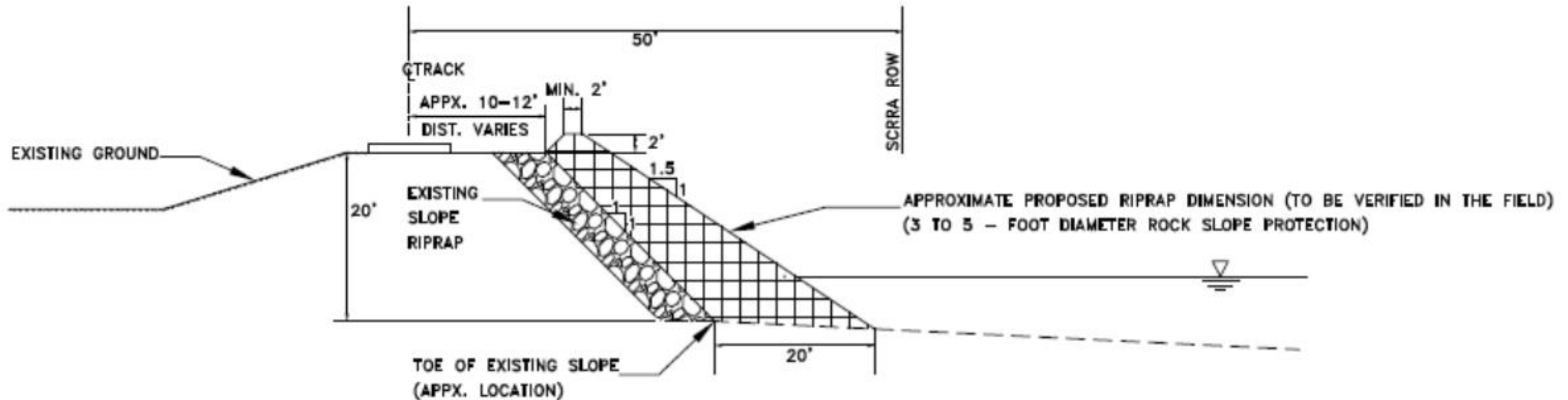
- Total track deflection as of September 21, 2021 – 28.8"
- Between September 11 and September 21 – 14.75"

Emergency Repair – Site Plan



- ORIGINAL GRADING DESIGN CUT/FILL LINE
- CRACKING AND/OR SEPARATION
- - - LIMITS OF OLD SLIDE. BASED ON ORIGINAL TOPOGRAPHY
- SCRR ROW

Emergency Stabilization Cross-Section



A

TRAPEZOIDAL RIPRAP ZONE (APPROXIMATE LIMITS STA 5637+00 TO STA 5644+00) - NOT TO SCALE

NOTE:

TRACK WILL BE MOVED BACK TO ORIGINAL ALIGNMENT AFTER GROUND MOVEMENT HAS STOPPED.

Status of Emergency Repairs



- Passenger service resumed October 4
- 12,000 tons of riprap placed
- Track realigned & surfaced
- Environmental permits secured
- Installing slope stability monitoring system

Staff Recommendation

- Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-1-3749 with the Southern California Regional Rail Authority in the amount up to \$5,000,000, to stabilize the railroad track structure in the City of San Clemente.
- Amend the Orange County Transportation Authority's Fiscal Year 2021-22 Budget by \$5,000,000, to accommodate Agreement No. C-1-3749 for the railroad track stabilization work.

Questions