



Citizens Advisory Committee
January 16, 2024



Local Resiliency Activities

PROJECT	ACTIVITY	COST	TIMEFRAME
Cyprus Shore Initial Track Stabilization Project (MP 206.8)	Emergency placement of riprap	\$8 million	September 2021
Cyprus Shore Track Stabilization Project (MP 206.8)	Installation of ground anchors in response to adjacent landslide	\$13.7 million+	October 2022 – August 2023
San Clemente Track Protection Project (MP 204.6)	Installation of temporary barrier wall in response to adjacent landslide	\$6 million	May – July 2023
San Clemente Shoreline Project (Sand Replenishment) [MP ~204.5 – 205.2]	Project would add 251,000 cubic yards of sand to the beach. Repeated at every 5-6 years interval up to 2 million cubic yards.	\$14.3 (65% federal/35% city cost sharing)	Fall 2023/Winter 2024
San Clemente Nature-Based Coastal Resiliency Project Feasibility Study (community meeting)	This Study builds on the Shoreline Monitoring Program to promote long-term coastal resiliency in San Clemente.	\$570,000 (CCC LCP Grant Round 7)	Ongoing – Summer 2025

MP – Mile Post

MP 206.8 Cyprus Shore Track Stabilization Project



Stabilization Strategy:

- Homes constructed on historic landslide
- Pushing track toward the ocean
- Solution – Installed tieback anchors to stabilize the slope
- Project in close-out stages
- Passenger Rail Operation Resumed April 2023

MP 204.6 San Clemente Track Protection



Stabilization Strategy:

- Installed temporary barrier wall to prevent debris on track
- Removed landslide soil on rail side of wall layout line
- Cleared project site for reinstatement of rail service
- Debris cleared, wall in place and passenger service restored July 2023
- Remove temporary barrier wall after City of San Clemente installs permanent solution

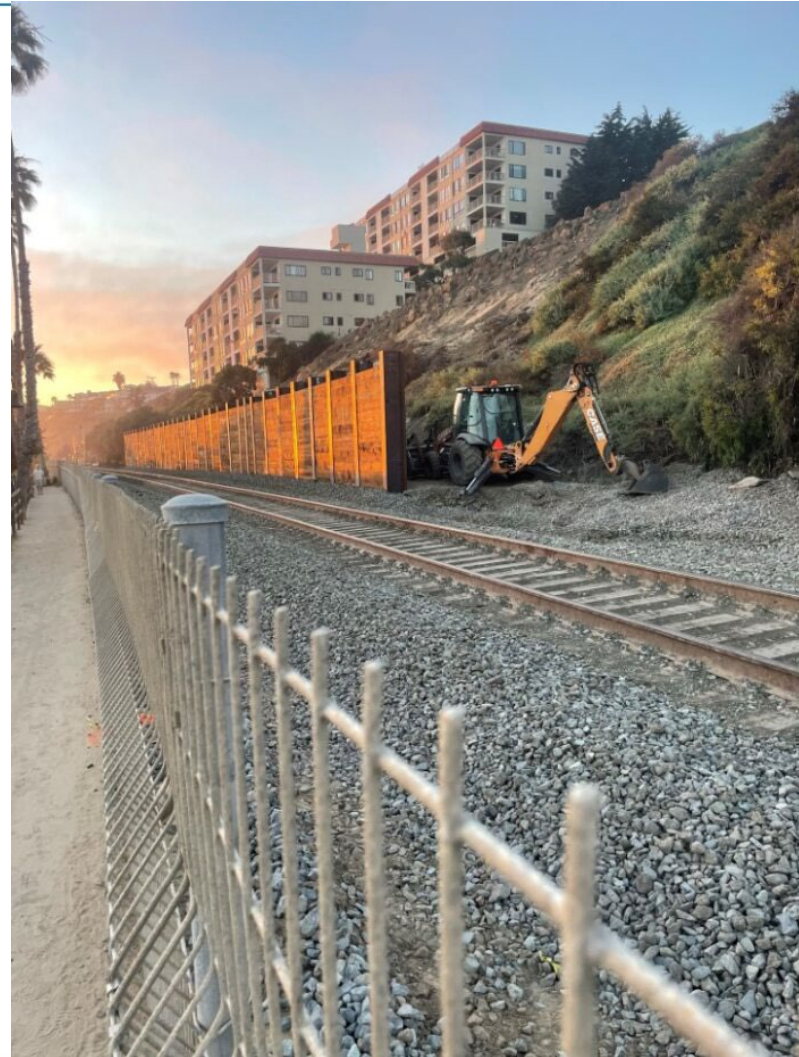
Goals & Objectives for Short- & Mid-term Study

- Continual stakeholder engagement
- Minimize passenger and freight service disruptions
- Protect the railroad in place (up to 30 years)
 - Assess, identify, and develop a program of capital projects within OCTA right-of-way
 - Develop short-term (10 years) and medium-term (30 years) conceptual alternatives
 - Work with adjacent stakeholders to develop a comprehensive coastal capital program with roles and responsibilities beyond the OCTA right-of-way



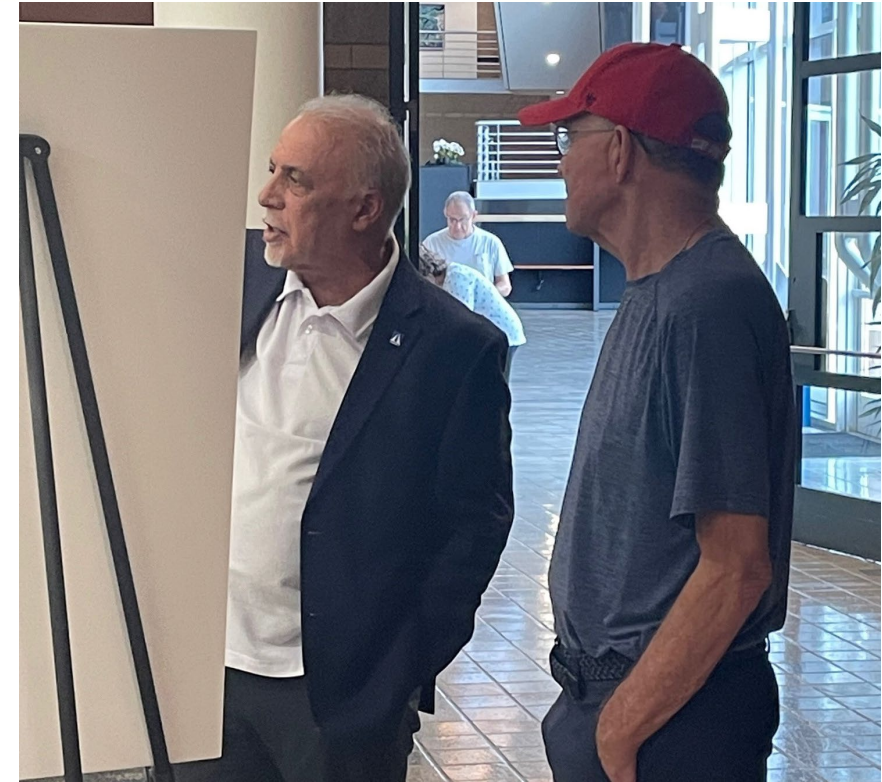
Goals & Objectives for Initial Assessment

- Conduct an Initial Assessment along OCTA's Coastal Railroad Right-of-Way (MP 200 – MP 207.4)
- Identify activities for immediate action
- Builds on previous efforts to maintain railroad operations
- Identify potential solutions and strategies



Study Outreach

- Listening Sessions
- Draft Concept Outreach
- Draft Plan Outreach
- PDT Engagement
 - Monthly PDT meetings, as needed
 - Provide input on deliverables
 - Support community engagement



Study Milestones

LISTENING SESSIONS

- Engage with a wide range of stakeholders with unique and diverse backgrounds and needs
- Obtain feedback from stakeholders and interest groups: Winter '24

INITIAL CONCEPT DEVELOPMENT

- Draft Concepts: Spring to Fall '24
- Obtain feedback from stakeholders and interest groups: Fall '24

DRAFT FEASIBILITY STUDY REPORT

- Draft Report: Spring '25 – Summer '25
- Obtain feedback from stakeholders and interest groups

REINFORCEMENT AREAS

- Initiate: Nov '23
- Final Report: Jan '24

PURPOSE AND NEED/ EVALUATION CRITERIA

- Draft: Spring '24
 - Informed by Listening Session feedback
- Present to PDT: Spring '24

REFINEMENT OF CONCEPTS

- Refined Concepts: Spring '25
- Obtain feedback from stakeholders and interest groups: Spring '25

FINAL FEASIBILITY STUDY REPORT

- Final Report: Fall '25
- **Present to Board/Publish Final Report: Fall '25**

PDT: Project Development Team


Next Steps

- Listening Sessions
 - Project Development Team
 - Stakeholder Working Group
 - Federal & local interest groups
 - Freight & Goods Movement
 - Business & transportation interest groups
 - Coastal & Marine Habitat Community-Based Organizations
 - Environmental groups
 - Emergency Responders
 - Police departments, fire departments, coast guards, & harbor patrol
 - Major Employers, Key Destinations & Other Business Interests
 - Business associations & entertainment
 - Residential Groups
 - Property owners & HOA
 - Elected Officials Roundtable
 - Local & state elected officials
 - General Public
 - Academic institutions, healthcare organizations, community-based organizations, transportation agencies, & other key stakeholders
- Refinement of Purpose and Need

Stay Connected

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