LOSSAN RAIL CORRIDOR AGENCY
TECHNICAL ADVISORY COMMITTEE MEETING

Thursday, May 2, 2024
12:00 P.M. – 1:30 P.M.

City of Oxnard Council Chambers
305 West 3rd Street
Oxnard, CA 93030

Any person with a disability who requires a modification, accommodation, or agenda materials in an alternative format in order to participate in the meeting should contact the Los Angeles – San Diego – San Luis Obispo (LOSSAN) Clerk of the Board, telephone 714-560-5676, no less than two (2) business days prior to this meeting to enable LOSSAN to make reasonable arrangements to assure accessibility to this meeting.

Agenda Descriptions
Agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not indicate what action will be taken. The Committee may take any action which it deems to be appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

All documents related to the items referenced in this agenda are available for public inspection at www.lossan.org.

Public Comments on Agenda Items
Members of the public may address the Board of Directors regarding any item. Please complete a speaker's card and submit or notify the Clerk of the Board the item number on which you wish to speak. Speakers will be recognized by the Chairman at the time the agenda item is to be considered. A speaker's comments shall be limited to three (3) minutes.

Public Availability of Agenda Materials
All documents relative to the items referenced in this agenda are available for public inspection at www.lossan.org or through the LOSSAN Clerk of the Board's office at the Orange County Transportation Authority Headquarters, 600 South Main Street, Orange, California.

Written Comments

Written public comments may also be submitted by emailing them to lossantac@octa.net, and must be sent by 5:00 p.m. the day prior to the meeting. If you wish to comment on a specific agenda Item, please identify the Item number in your email. All public comments that are timely received will be part of the public record and distributed to the TAC Committee. Public comments will be made available to the public upon request.

If you have any questions regarding this new format or any upcoming meeting plans, please contact Michelle Alonso, LOSSAN Executive Assistant, at 714-560-5415, or at malonso@octa.net.

Teleconference Sites

The main location for this meeting is the Los Angeles County Metropolitan Transportation Authority Headquarters, Henry Huntington Room (3rd Floor). Several LOSSAN member agencies will be attending this meeting via teleconference from the following locations:

Los Angeles Country Metropolitan Transportation Authority
Eagle Rock Room – 22nd Floor
One Gateway Plaza,
Los Angeles, CA 90012

Orange County Transportation Authority
Conference Room 1012
600 South Main Street
Orange, CA 92868

San Diego Metropolitan Transit System
Executive Committee Room
1255 Imperial Avenue, Suite 1000
San Diego, CA 92101

North County Transit District
1st Floor Conference Room
810 Mission Avenue
Oceanside, CA 92054

The public is welcome to attend and testify at any of the LOSSAN member agency locations listed above, all of which are accessible to the public. For more information, please contact LOSSAN Rail Corridor Agency staff, at (714) 560-5598 or e-mail malonso@octa.net, for specific meeting room locations at least 72 hours in advance of the meeting.

2024 TECHNICAL ADVISORY COMMITTEE

Technical Advisory Committee - Membership Roster

	Member Agencies	Appointee	Alternate
North	San Luis Obispo Council of Governments	Lance Okuno	Tim Gillham
	Santa Barbara County Association of Governments	Aaron Bonfilio	Whitney Rush
	Ventura County Transportation Commission	Aubrey Smith	Claire Grasty
Central	Los Angeles County Metropolitan Transportation Authority	Jay Fuhrman	Vacant
South Central	Orange County Transportation Authority	Alexis Murillo Felix	Megan Taylor
	Riverside County Transportation Commission	Sheldon Peterson	Vacant
South	San Diego Metropolitan Transit System	Brent Boyd	Julia Tuer
	North County Transit District	Katie Persons	Karen Tucholski
	San Diego Association of Governments	Pete Casellini	Anna Devers

Call to Order

1. Public Comments

At this time, members of the public may address the Technical Advisory Committee regarding any items within the subject matter jurisdiction of the Technical Advisory Committee, but no action may be taken on off-agenda items unless authorized by law. Comments shall be limited to three (3) minutes per speaker unless different time limits are set by the Chairman subject to the approval of the Technical Advisory Committee.

Consent Calendar

2. Approval of Minutes
James Campbell

Overview
Approval of the LOSSAN Technical Advisory Committee meeting minutes for March 7, 2024.

Discussion Calendar

3. Equipment Update
James Campbell

Overview
Staff will provide an update on the statewide redeployment plan for the state-owned bi-level cars and options for consideration to add equipment to support service growth.

4. Capital Program Update
James D. Campbell

Overview
Staff will provide an update on the progress of the Los Angeles - San Diego - San Luis Obispo Rail Corridor Agency Capital Program.

5. Upcoming Draft Board Agenda Items
James D. Campbell

Overview
Overview of upcoming draft agenda items for the Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Board of Directors' May meeting.

6. Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Update

7. Technical Advisory Committee Members' Report

8. Adjournment

The next regularly scheduled meeting of this Committee will be held:

June 6, 2024

Los Angeles County Metropolitan Transportation Authority
Henry Huntington Room, Third Floor
One Gateway Plaza,
Los Angeles, CA 90012

Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency

TECHNICAL ADVISORY COMMITTEE

MARCH 7, 2024, TAC MEETING MINUTES

The Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency (Agency) Technical Advisory Committee (TAC) met on March 7, 2024, at the Los Angeles County Metropolitan Transportation Authority, Henry Huntington Room.

Committee members in attendance:

Lance Okuno, SLOCOG
Aaron Bonfilio, SBCAG
Jay Fuhrman, LA Metro
Megan Taylor, OCTA (Alternate)
Katie Persons, NCTD
Brent Boyd, MTS
Peter Casellini, SANDAG
Aubrey Smith, VCTC
Claire Grasty, VCTC (Alternate)
Sheldon Peterson, RCTC
Anna Devers, SANDAG (Alternate)

Welcome and Introductions

Mr. James Campbell, LOSSAN Operations Officer, opened the March 7, 2024, LOSSAN Agency TAC meeting and welcomed the TAC members to Los Angeles County Metropolitan Transportation Authority, in the Henry Huntington Room.

1. Public Comments

CONSENT CALENDAR

2. Approval of February Meeting Minutes

3. Fiscal Year 2023-24 First Quarter Los Angeles – San Diego – San Luis Obispo Rail Corridor Trends

Mr. Aubrey Smith (VCTC) motioned to approve the items, seconded by Mr. Peter Casellini (SANDAG). The Committee approved the Consent items.

DISCUSSION CALENDAR

4. Fiscal Year 2023-24 First Quarter Amtrak Pacific Surfliner On-Time Performance Analysis

Mr. Kristopher Ryan (LOSSAN) provided a presentation of the Pacific Surfliner On-Time performance analysis for the first quarter of federal fiscal year 2023-24, which included the monthly average customer on-time performance, delays, and improvements.

A discussion ensued regarding the impact on assaults and vandalism on delays. There was no further discussion.

5. Pacific Surfliner Marketing Update

Ms. Puja Thomas-Patel (LOSSAN) presented the second quarter of fiscal year 2023-24 marking update, which includes the performance summary, marketing updates, upcoming campaigns, and influence partnerships.

A discussion ensued regarding special event service and partnerships around the X Games. There was no further discussion.

6. Pacific Surfliner Service Update

Mr. Campbell provided a verbal update on the resumed limited service through San Clemente, totaling five roundtrips, which includes bus bridges between Los Angeles to San Diego. Mr. Campbell also mentioned the Del Mar Bluff work, including future closures for the springtime.

A discussion ensued regarding the increase in service. There was no further discussion.

7. Upcoming Draft Board Agenda Ítems

Mr. Campbell (LOSSAN) provided a brief overview of the agenda items for the March 18, 2024, LOSSAN Agency Board of Directors' meeting.

There was no further discussion.

8. Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Update

An update was provided on the ridership, including the suspension of service through South Orange County. Mr. Campbell also mentioned a fleet deployment meeting with Caltrans and San Joaquins staff held earlier that morning, followed by an initial stakeholder meeting with Caltrans on the Corridor ID Program.

There was no further discussion.

9. Technical Advisory Committee Members' Report

Mr. Aaron Bonfilio (SBCAG) mentioned the allocation request with CTC for construction funding for the Goleta train depot and the CalSTA reached out to have SBCAG host the next LOSSAN Regional Rail Working Group meeting later this spring.

Aubrey Smith (VCTC) mentioned the update X Games and a brief update on the Camarillo station ADA improvement project.

Mr. Sheldon Peterson (RCTC) mentioned the Coachella Valley Rail Project selection in the Corridor ID Program.

Ms. Megan Taylor (OCTA) announced that Angel Express service resumes beginning March 26th.

Mr. Peter Casellini (SANDAG) mentioned work has started on the Del Mar Bluff Phase 5 Stabilization project and continues on the Del Mar Tunnel project.

Mr. Lijia Zhang (HSR) *submitted a written update stating: A draft 2024 Business Plan was issued on February 9, 2024, with a 60-day public comment period that will run through April 9, 2024. The 2024 Business Plan will be considered by the Authority Board of Directors on Wednesday, April 11, 2024. In compliance with CPUC 185033, the Business Plan is updated biennially (in even years), and in the intervening odd years, CHSRA will issue Project Update Reports. Also, for the LA to Anaheim project section, CHSRA plans to seek board approval for the Preferred Alternative in April. This will involve deciding whether to include interim station(s) between LinkUS and Anaheim, as well as determining the location of the LMF*

10. Adjournment

The next regularly scheduled meeting of this Committee is scheduled to be held on:

Thursday, May 2, 2024
City of Oxnard Council Chambers
305 West 3rd Street
Oxnard, CA 93030

Pacific Surfliner Equipment Update

LOSSAN Technical Advisory Committee | May 2, 2024

Pacific Surfliner Equipment

- The Pacific Surfliner service has been utilizing bi-level cars since 2000
- 39 custom Surfliner cars were purchased new by Amtrak and 10 cars by the California Department of Transportation (Caltrans) between 1998-2001 for specific use on the Pacific Surfliner service
- Over the years, as ridership grew, additional cars were needed to lengthen trainsets and add more service
- The additional cars were leased from Amtrak's long-distance bi-level Superliner and regional single-level Horizon fleets

Pacific Surfliner Equipment Reduction

March 2020 - ridership dropped significantly due to the COVID-19 pandemic.

Level of service was reduced 50-percent

Fleet size was reduced 29-percent

Equipment Type		Feb 2020	May 2021	May 2024
Locomotives	SC-44 Charger	14	14	14
	GE P-40 / P-42 Genesis	4	-	-
Amtrak Long-Distance Bi-Levels	Superliner Coach	15	8	9
	Superliner Coach / Baggage	4	-	-
	Superliner Sightseer Lounge	1	1	1
Single-Level	Horizon	16	-	-
	Amfleet	1	-	-
Surfliner Bi-Levels	Surfliner Coach / Baggage	11	11	11*
	Surfliner Coach	18	21	21*
	Surfliner Café	10	10	10
	Surfliner Business Class	10	10	10
TOTALS	**Total Locomotives**	**18**	**14**	**14**
	Total Cars	**86**	**61**	**62**

* 1 coach / baggage and 2 coaches are currently out of service due to a vehicle strike in December 2023.

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California Intercity Passenger Car History

There has been a need for additional equipment since before to the COVID pandemic

In 2017, Caltrans placed an order for seven 7-car trainsets of the new Siemens, single-level Venture cars.

- Various issues have delayed deployment by several years.
- First coach cars began going into revenue service in December 2023
- Cab cars are not anticipated to be in service until at least July 2024
- Food service cars are not expected to be in service until July 2025.

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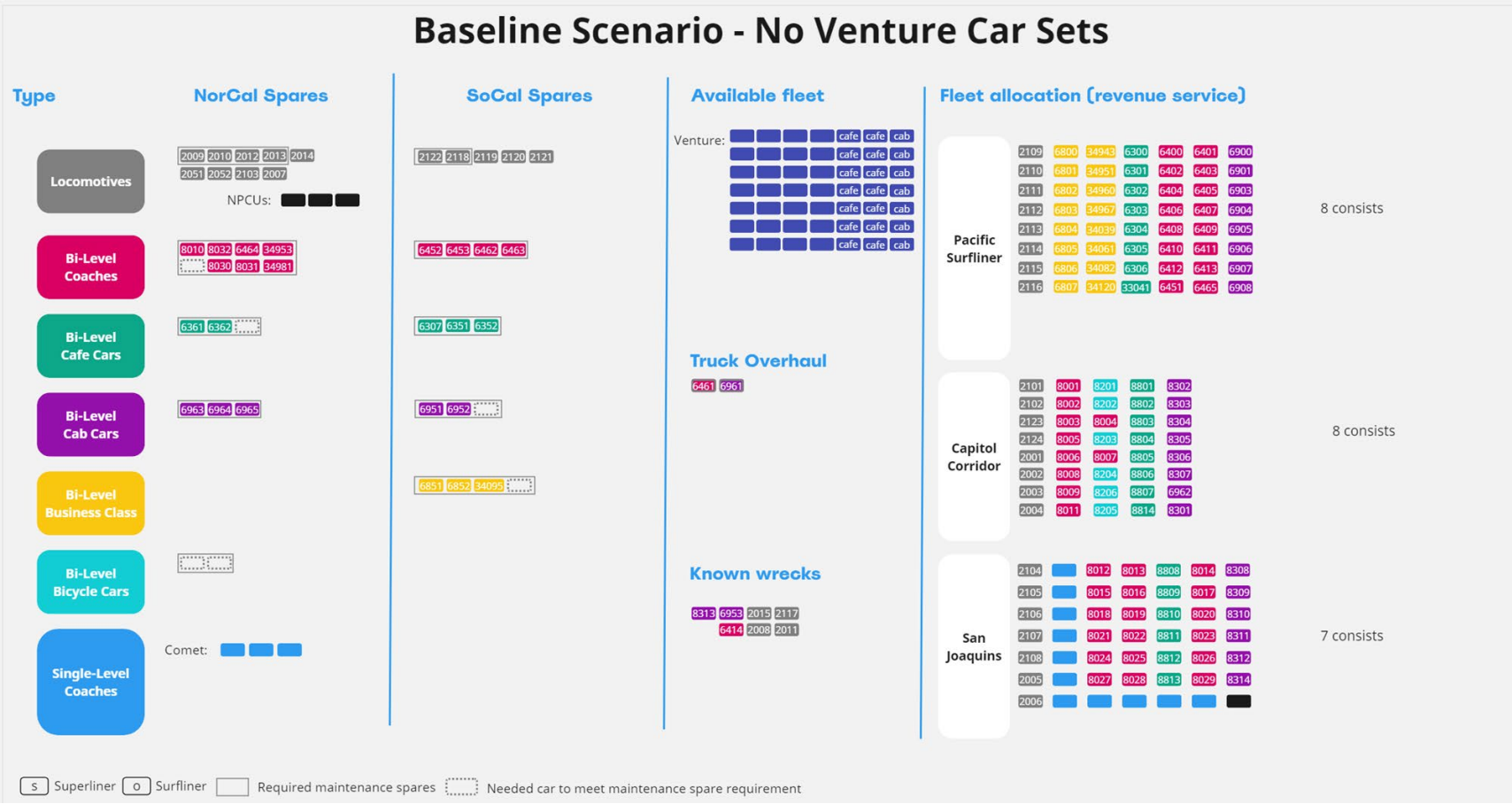
California Equipment Redeployment Plan

A fleet redeployment plan for the existing Surfliner and California 1 bi-level equipment was developed in originally in 2022 and was updated earlier in 2024.



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California Equipment Redeployment Plan

The update made to the plan in 2024 was to account for delays, as well as several additional overhaul projects and equipment work that was not included in the original plan prepared in 2022.

This included:

- Adjustment to reflect further delay in Venture car deployment
- Truck and door overhaul programs necessary for the state-owned bi-level cars to remain in SOGR
- Extensive rebuilding of some bi-level cars due to incidents that have occurred over the past two years, which have taken some cars out of service

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California Equipment Redeployment Plan

As Venture trainsets enter service, equipment will be redeployed to the Pacific Surfliner

No. of Venture Sets in Revenue Service	0	2	3	3	4	6	7
Bi-Level Car Classification	**Baseline** *(Oct 23)*	**Phase 1** *(~Apr 24)*	**Phase 2A** *(~Jul 24)*	**Phase 2B** *(~Jul 24)*	**Phase 3** *(~Oct 24)*	**Phase 4** *(~Dec 24)*	**Phase 5** *(~Jun 25)*
California 1 Coach	-	-	-	-	-	1	3
Surfliner Coach	21[1]	21[1]	22[1]	21[1]	22[1]	23[1]	23[1]
Surfliner Café	10	10	10	10	10	11	12
Surfliner Cab	11[1]	11[1]	12[1]	11[1]	13[1]	14[1]	14[1]
Surfliner Business Class	10	10	10	10	10	10	10
Superliner Coach	9	9	11	10	11	11	11
Superliner Sightseer Lounge	1	1	1	1	1	1	1
Comet Coach[3]	0	7	7	7	7	7	7
NPCU[2,3]	0	2	2	2	2	2	2
TOTAL	**62**	**71**	**75**	**72**	**76**	**80**	**83**

[1] One cab and two coaches are out of service due to wreck damage.
[2] Non-Powered Control Unit
[3] Special event use only

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Deployment of Venture cars enables an increase of four trainsets – enough to restore pre-pandemic service levels

Service level
in # of revenue trainsets

Venture deployment →

	1	2a	2b	3	4	5
New equipment	2 Vent.	3 Vent.	3 Vent.	4 Vent. (1 cab)	5 Vent. (6 cabs)	6 Vent. (7 cabs)
Estimated timeframe	Apr 2024	Jul 2024	Jul 2024	Oct 2024	Dec 2024	Jun 2025
Pacific Surfliner	8	9	8	9	9	10
Capitol Corridor	8	8	9	9	9	9
San Joaquins	7	7	7	7	8	8

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Equipment Needs for Service Growth

Options for expanding service and capacity beyond pre-pandemic service is limited in the near-term.

Options being considered include:

- Evaluate the feasibility of procuring four additional 7-car trainsets of the new Siemens, single-level Venture cars
- Work with Caltrans to develop specifications for a new bi-level procurement
- Identify segments of corridor where procured ZEMU's can operate to meet demand

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QUESTIONS?

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Capital Program Update

LOSSAN Technical Advisory Committee | May 2, 2024

LOSSAN Capital Program

- The Los Angeles – San Diego – San Luis Obispo (LOSSAN)Rail Corridor Agency (Agency) Capital Program consists of projects that are either led by or helped funded by the LOSSAN Agency through various funding programs or awarded grants.

- The Capital Program does not include corridor projects that are being led and funded by other member or partner agencies.

Existing Capital Projects

Timeline

Project	Lead Agency	Current Phase	PAED	PS&E	Const	Project Completion
Central Coast Layover Facility Expansion (Phase 1)	LOSSAN	PS&E	*Mid 2019 (Completed)*	*Early 2023 (Started)*	Mid 2025 *(Late 2024)*	Mid 2027 *(End 2026)*
Goleta Layover Facility Expansion	LOSSAN	PS&E	*N/A*	*Mid 2019 (Started)*	Mid 2025 *(Early 2025)*	Late 2026 *(Early 2026)*
Leesdale Siding Upgrade and Extension	LOSSAN	PS&E	*N/A*	*Mid 2023 (Started)*	Late 2025	Late 2027
Ortega Siding Project	LOSSAN	PSR	*N/A*	Late 2024	Late 2027	Mid 2029
Seacliff Siding Extension	LOSSAN	PSR	Mid 2025	Mid 2027	Mid 2031	Mid 2033
Coastal Resiliency / Safety Improvements	UPRR	Const	*N/A*	*N/A*	*Mid 2020 (Started)*	Mid 2025
CTC / Powered Sidings	UPRR	*Const (Complete)*	*Early 2020 (Complete)*	*Mid 2020 (Complete)*	End 2020 Completed	Late 2023 (Project in Closeout)
Narlon Bridge Replacement	UPRR	*Const (Complete)*	*Completed*	*Completed*	*Completed*	*Completed*
Canada Honda Bridge Replacement	UPRR	PS&E	*Mid 2021 (Started)*	*Late 2022 (Started)*	*Mid 2024 (Started)*	Late 2024
Lompoc Surf Bridge Replacement	UPRR	PSR	Mid 2024	Mid 2026	Late 2028	Late 2030
Upgrade of Rail/Tie Replacement	UPRR	*Const (Complete)*	*Completed*	*Completed*	*Completed*	*Completed*
Camarillo Station Improvements	City of Camarillo	PAED	*Mid 2021 (Started)*	Mid 2024	Late 2026	End 2028

Note: All above dates are estimated begin phase dates and subject to change

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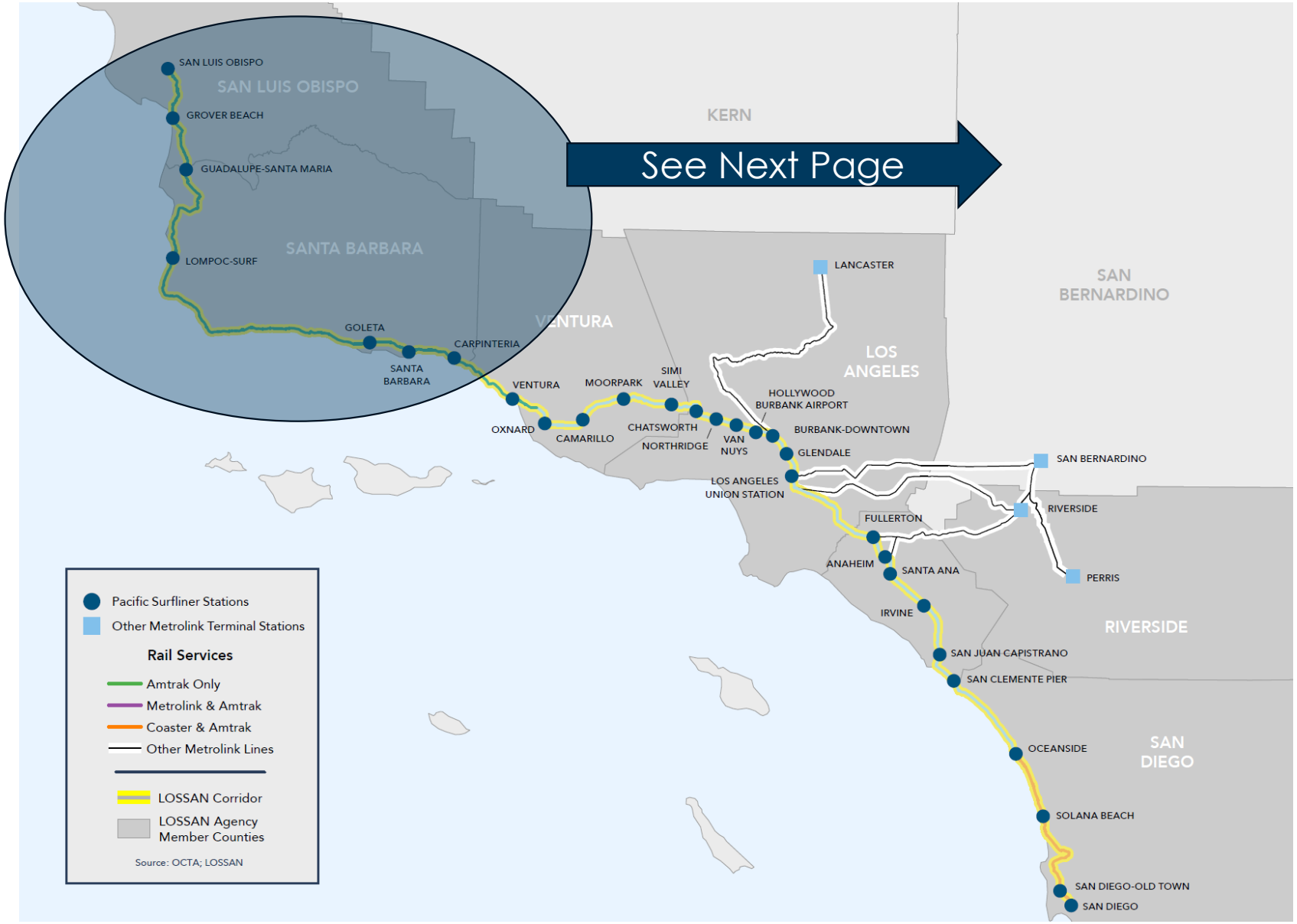
Existing Capital Projects

Map of Highlighted Projects in Northern Portion of Corridor



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Existing Capital Projects

Map of Highlighted Projects

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Existing Capital Projects

Highlighted

- Capacity Enhancing Projects (In-Progress)
  - Goleta Layover Expansion (30% Design)
  - Leesdale Siding Extension – (10% Design)
- Replacement of two (2) bridges
  - Canada Honda Bridge (Began Construction this month)
  - Lompoc Surf Bridge (UPRR received Grant to start Environmental)
- Layover Expansion Projects (In-Progress)
  - Central Coast Layover & Maintenance Facility (San Luis Obispo) – (Start Constr. Mid 2025)
  - Goleta Layover Expansion – (Start Constr. Late 2025)
- Bluff Stabilization Projects between Goleta and San Luis Obispo (In-Progress)
  - Surfin' Cowboy – MP 324.4 (Began Construction this month)
  - Hollister Bluffs – MP 328.2 – (Will follow Surfin' Cowboy)

Bluff Stabilization Projects

Surfin' Cowboy
(MP 324)

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Bluff Stabilization Projects

Hollister Bluffs
(MP 328)

Strategy for both this project and Surfin Cowboy is to <u>avoid permit for this maintenance action</u>.

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Bridge Replacement Projects

Canada Honda Bridge

& Lompoc-Surf Bridge

Honda Bridge
Replace steel truss piers with concrete piers and new steel decking

Lompoc-Surf Bridge
Triple length of bridge to eliminate choke point for large storms; improve estuary flows

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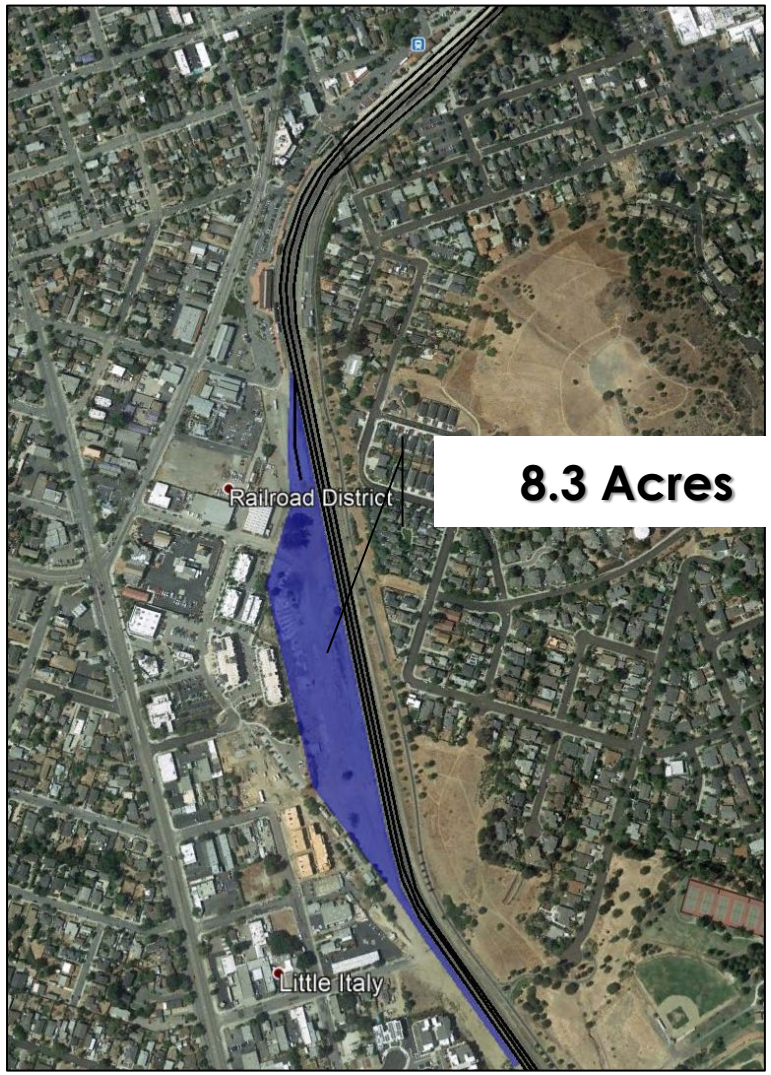
Existing Capital Projects

Central Coast Layover Facility

- Expansion and relocation of existing layover facility.
- Goal is to improve layover and storage capacity to support rail service goals.
- EIR Certified by LOSSAN Board in December 2022.
- Project has completed 60-percent design.
- Current project estimate - $41.5 million



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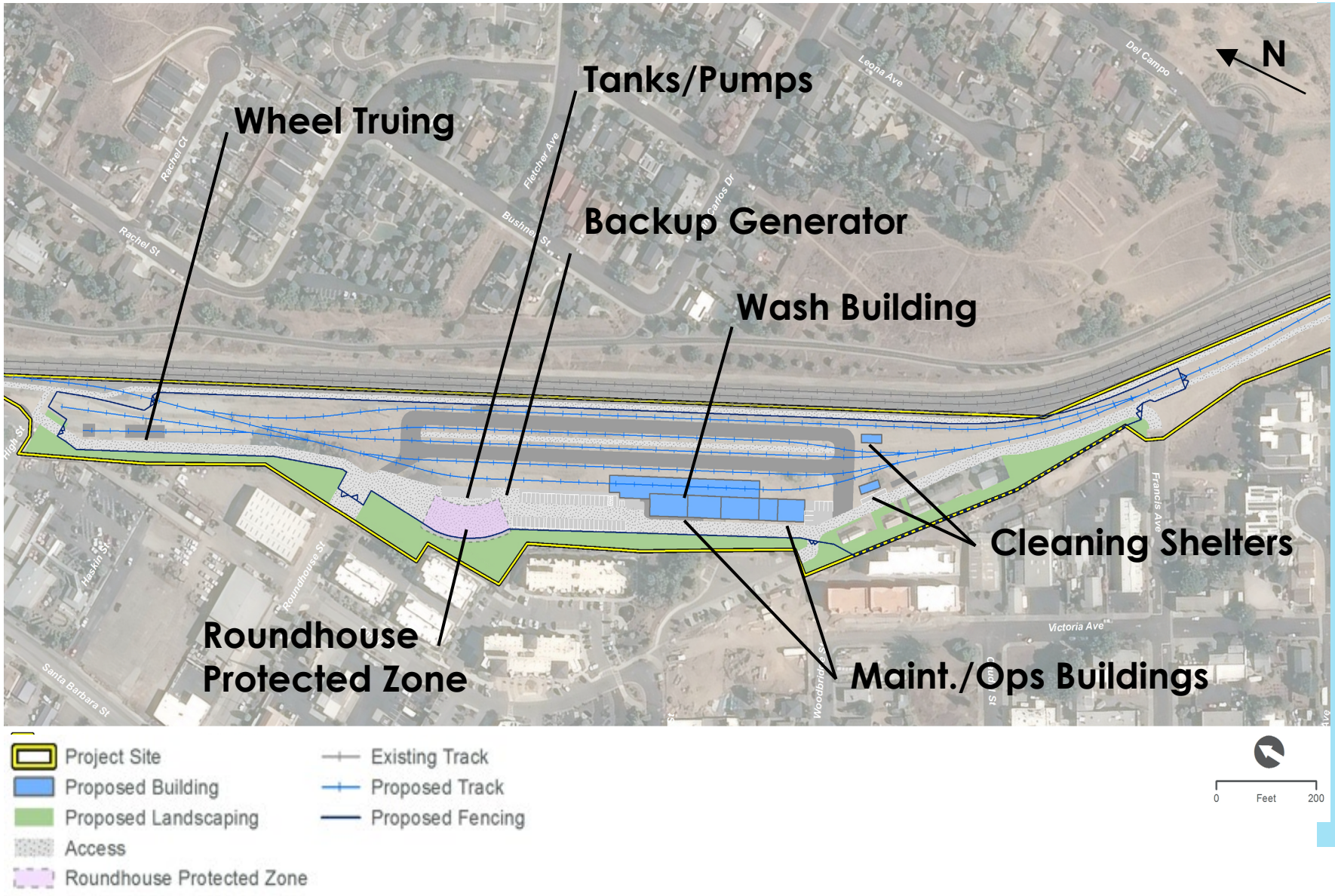
Existing Capital Projects

Central Coast Layover Facility



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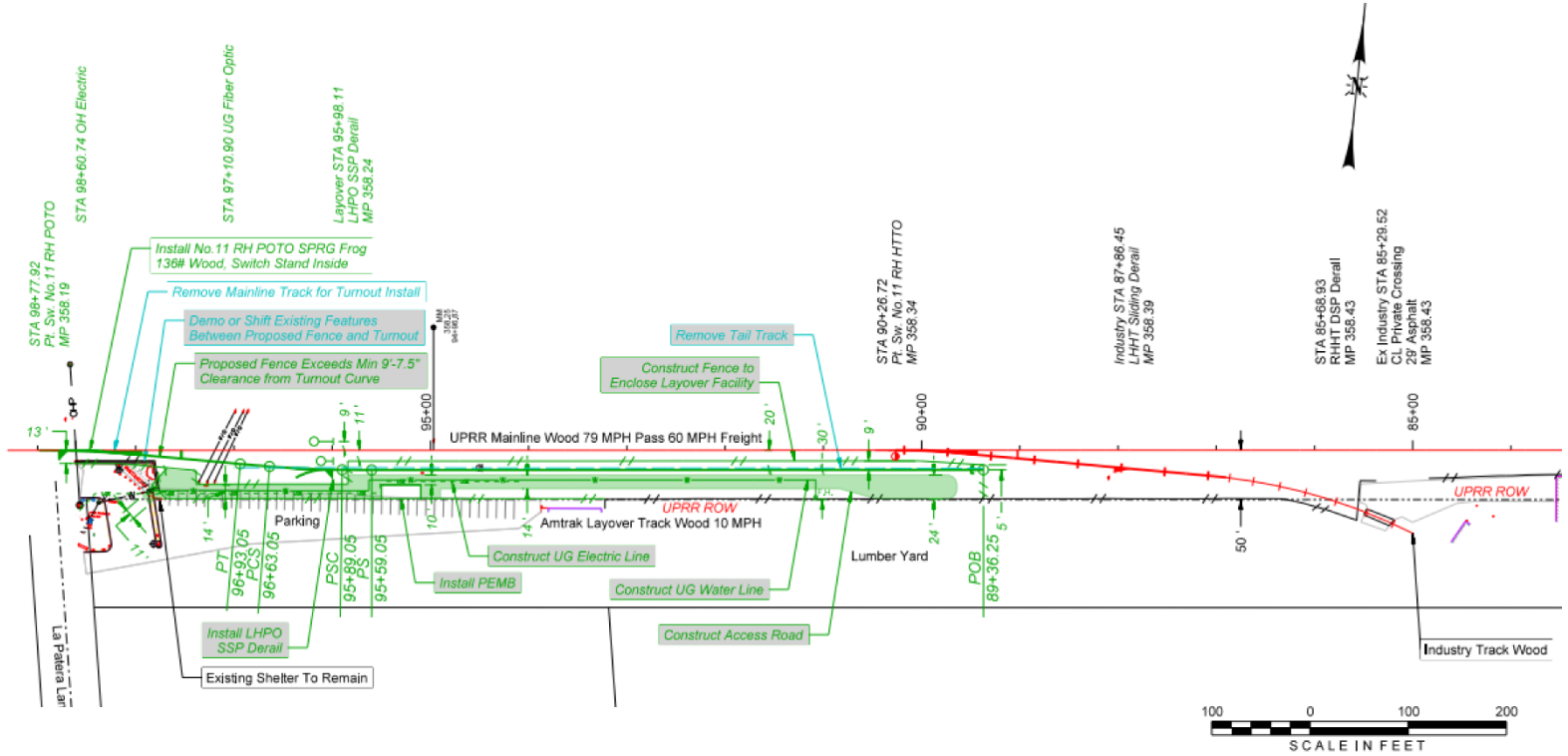
Goleta Layover Facility Expansion

- Includes construction of an additional layover track to double the size of the servicing capacity.
- 30-percent design has been reviewed by UPRR
- Design Consultant to respond and move forward to 90-percent milestone
- Current project estimate - $14.4M



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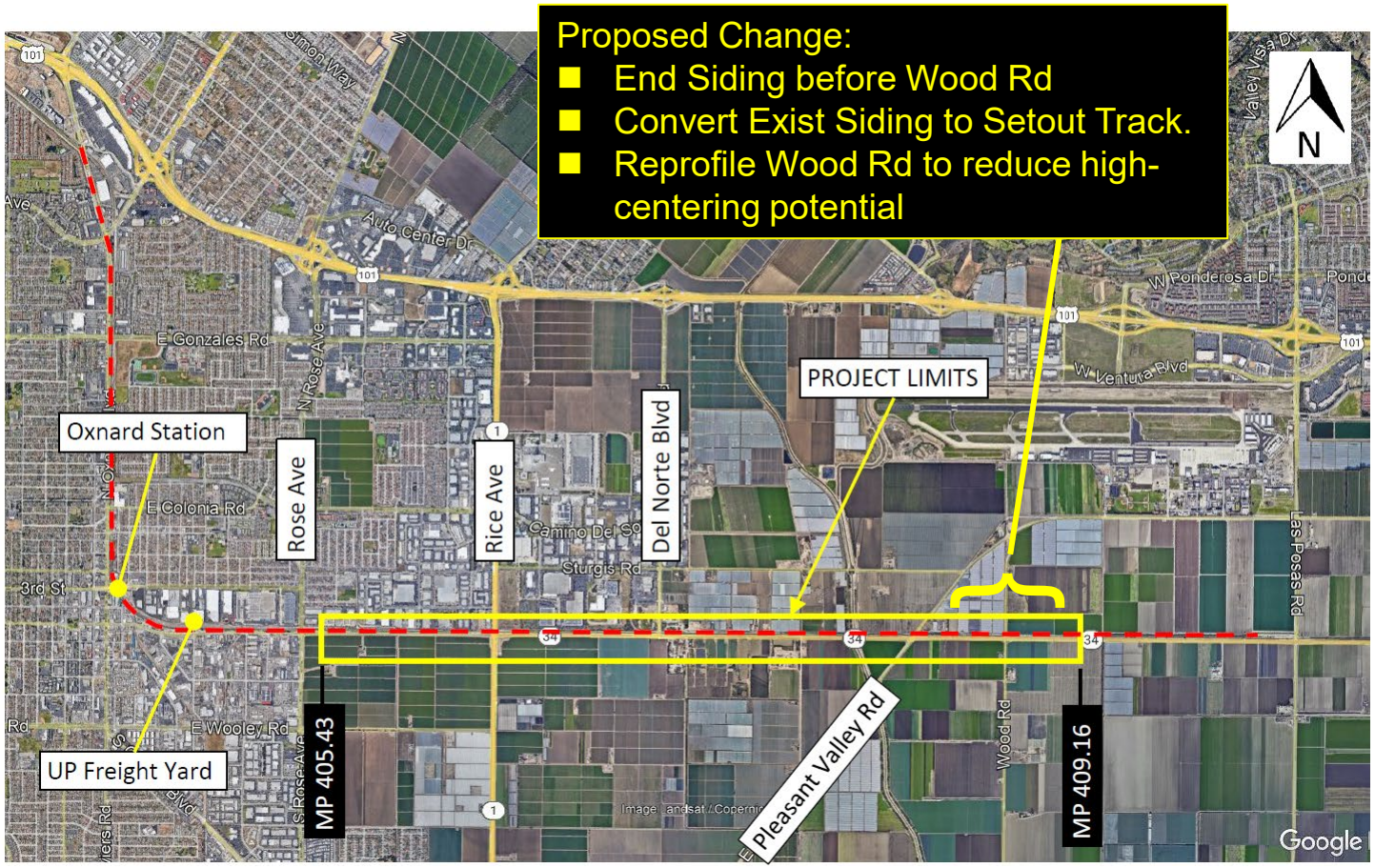
Leesdale Siding Upgrade and Expansion

- Includes replacement of the existing Leesdale siding with a siding that is approximately 3x longer.
- Reduces wait times for train meets by up to 10 minutes.
- Allows for greater operational flexibility for Pacific Surfliner and Metrolink service.
- 10-percent design is in review with UPRR
- Current Project Estimate - $69.5 million



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Ortega Siding

- Located in Santa Barbara County, north of Carpinteria.
- Project includes construction of a siding track, signalized CTC with powered turnouts, improved drainage, and new bridges for the siding.
- RFP for Preliminary Engineering and Design anticipated at June Board meeting
- Current Design estimate is $2.7M with a total project estimate of $33.1M

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Existing Capital Projects

Estimated and Funded Costs for Ongoing and Planned Projects

Project	Cost*	$ Funded	Project	Cost*	$ Funded
Central Coast Layover Facility Expansion (Phase 1)	$41.5 M	$41.5 M	Honda Bridge Replacement	$44.1 M	$36.0 M
Goleta Layover Facility Expansion	$14.4 M	$14.4 M	Camarillo Station Improvements	$15.0 M	$15.0 M
Leesdale Siding Upgrade and Extension	$69.5M	$69.5M	Seacliff Siding Extension	$26.5 M	$0.0 M
Ortega Siding	$33.1 M	$10.7 M	Lompoc – Surf Bridge Replacement	$60.0 M	$14.0 M
Surfin' Cowboy & Hollister Bluff Stabilization Projects**	$10.4 M	$10.4 M	Coastal Resiliency / Safety Improvements	$90.0 M	$33.6 M
Total Expected Cost				**$394.1 M**	
Total Currently Funded					**$234.7 M**

Notes:
** All above costs are estimated and subject to change.*
*** Project Funding is part of overall Coastal Resiliency funds.*

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QUESTIONS?

Los Angeles – San Diego – San Luis Obispo
Rail Corridor Agency

DRAFT

Upcoming Agenda Items
Board of Directors Meeting
May 20, 2024

- Amendment to Agreement No. L-0-0006 with UPRR for Passenger Rail Service Enhancement and Infrastructure Improvements
- Amendment to Exercise Option Term on Agreement with OCTA for Managing Agency Services
- Approval for Firm for Annual Financial Statement Auditing Services
- Proposed revisions to LOSSAN's Procurement Policies and Procedures
- Cooperative Agreement with the San Diego Association of Governments for Reimbursement of Transportation, Layover and Station Costs Associated with Del Mar Bluff Phase 5 Nighttime Work Windows