



# **NORTH LOS ANGELES COUNTY**

## Transportation Coalition JPA

A Joint Powers Authority

### **BOARD OF DIRECTORS MEETING AGENDA**

**Monday, July 17, 2023 - 1:00PM**

**Public Members are Welcome to Attend In-Person & Remotely**

#### **To Attend In-Person:**

**Antelope Valley Transit Authority  
42210 6th Street W, Lancaster, CA 93534**

#### **To Attend Virtually:**

Please Join from a PC, Mac, iPad, iPhone or Android device. Please click this URL to join.

#### **Join Zoom Meeting:**

<https://us02web.zoom.us/j/86011488834?pwd=UTBVRVJYTFFpNDN6M0txQWF1UHIMQT09>

(669)900-9128 US (San Jose), then enter:

Meeting ID: 860 1148 8834 Passcode: 701104

#### **TELECONFERENCE AVAILABLE AT THESE ADDITIONAL LOCATIONS**

##### **Marsha McLean**

City of Santa Clarita  
23920 Valencia Blvd.,  
1<sup>st</sup> Fl, Orchard Room  
Santa Clarita, CA 91355

##### **Kathryn Barger**

County of Los Angeles  
Hall of Administration  
500 W. Temple Street  
Conference Room 864  
Los Angeles, CA 90012

##### **Austin Bishop**

**Andrea Alarcon**  
**Richard Loa**  
**Eric Ohlsen**  
City of Palmdale  
38300 Sierra Highway  
Suite A/B  
Palmdale, CA 93550

##### **Dave Perry**

Supervisor Kathryn Barger  
San Fernando Valley Office  
4130 Cahuenga Blvd, #108  
Toluca Lake, CA 91602



# **NORTH LOS ANGELES COUNTY**

## **Transportation Coalition JPA**

### **NCTC JPA BOARD OF DIRECTORS**

#### **BOARD MEMBERS**

Chair, Marvin Crist, Vice Mayor, City of Lancaster  
Kenneth Mann, Council Member, City of Lancaster  
Trolis Niebla, Assistant City Manager, City of Lancaster  
Vice Chair, Marsha McLean, Council Member, City of Santa Clarita  
Jason Gibbs, Mayor, City of Santa Clarita  
Mike Hennawy Director of Public Works, City of Santa Clarita  
Austin Bishop, Council Member, City of Palmdale  
Andrea Alarcón, Mayor Pro Tem, City of Palmdale  
Richard Loa, Council Member, City of Palmdale  
Kathryn Barger, Supervisor, 5<sup>th</sup> District, County of Los Angeles  
Mark Pestrella, Director of Public Works, County of Los Angeles  
Vacant, County of Los Angeles

#### **EX-OFFICIO BOARD MEMBERS**

Martin Tompkins, Antelope Valley Transit Authority  
Adrian Aguilar, Santa Clarita Transit

#### **BOARD MEMBER ALTERNATES**

Eric Ohlsen, Council Member, City of Palmdale  
Dave Perry, County of Los Angeles  
Damon Letz, City of Santa Clarita

#### **NCTC JPA STAFF**

Executive Director: Arthur V. Sohikian, AVS Consulting, Inc.  
Auditor-Controller: Arlene Barrera, County of Los Angeles  
Legal Counsel: Warren R. Wellen, County of Los Angeles,  
Laura Jacobson, County of Los Angeles

#### **OPEN SESSION**

- 1. CALL TO ORDER** – Marvin Crist, Chair
- 2. ROLL CALL** – Arthur Sohikian, Secretary
- 3. PLEDGE OF ALLEGIANCE**
- 4. PUBLIC COMMENTS:** NCTC is conducting business in-person and remotely. NCTC is committed to ensuring that our public meetings are accessible to the public to observe and address the meeting and to participate by providing written and oral comment on NCTC matters. Please do not hesitate to reach out to Executive Director Arthur Sohikian at [sohikian@northcountytransportationcoalition.org](mailto:sohikian@northcountytransportationcoalition.org).



# NORTH LOS ANGELES COUNTY

## Transportation Coalition JPA

### Providing Public Comment

- a. Public comment for NCTC virtual Board meetings can be provided in several ways.
  - i. Written Comments
    1. You are welcome to submit written comments to the NCTC via email. Please send your comment to [sohikian@northcountytransportationcoalition.org](mailto:sohikian@northcountytransportationcoalition.org)
    2. In the subject line of your email, indicate the meeting date and the topic of your comment.
  - ii. Oral Comments
    1. At the beginning of the meeting and for each agenda item at the public meeting, the NCTC Chair will ask whether there are any requests for public comment.
    2. If you want to provide oral comments on a specific agenda item, you will need to “[Raise your hand](https://support.zoom.us/hc/en-us/articles/205566129)” <https://support.zoom.us/hc/en-us/articles/205566129> during the Zoom meeting. **\*If calling into the meeting from a telephone, you can use “Star (\*) 9” to raise/ lower your hand. And \*6 to Mute/Unmute phone**
    3. Once your hand is raised and it is your turn to speak, the Chair or the meeting facilitator will unmute you, announce your name, and you will be able to make your public comment to the NCTC. **\*Depending on how you have called in, you may also need to unmute yourself.**
    4. A speaker's time allotment is at the discretion of the Chair. Generally, the NCTC allows 3 minutes per speaker per topic. After your public comment, your hand will be lowered, and you will be placed back on mute.

### NCTC BOARD CONSENT CALENDAR

*All items listed under the Consent Calendar are considered to be routine and may be enacted by one motion. Prior to the motion to consider any action by the Board, any public comments on any of the Consent Calendar items will be heard. There will be no separate action unless members of the Board request specific items to be removed from the Consent Calendar.*

### 5. MINUTES/RECAP OF PROCEEDINGS

**Recommended Action:** *Approve April 17, 2023, Board Meeting Minutes/ Recap of Proceedings held via virtual zoom.*

### 6. MEMBER AGENCY TRANSPORTATION & TRANSIT PROJECT UPDATES

**Recommended Action:** *Receive and file Report & Map.*



# **NORTH LOS ANGELES COUNTY**

## **Transportation Coalition JPA**

### **7. CALIFORNIA HIGHWAY PATROL & SHERIFFS NORTH LA COUNTY UPDATE**

**Recommended Action:** *Receive and file reports from CA CHP and LA County Sheriff's.*

### **8. CALTRANS HIGHWAYS PROJECT UPDATES – Jane Yu, Osama Megalla, District 7**

**Recommended Action:** *Receive and file report.*

### **9. METRO HIGHWAYS UPDATE – Isidro Panuco, Roberto Machuca, Metro**

**Recommended Action:** *Receive and file report.*

### **10. METROLINK NORTH COUNTY UPDATE – Alex Davis, Jeanette Flores, Metrolink**

**Recommended Action:** *Receive and file report.*

### **11. CALIFORNIA HIGH SPEED RAIL AUTHORITY HIGH-SPEED RAIL PROJECT UPDATE — LaDonna DiCamillo, Southern California Regional Director**

**Recommended Action:** *Receive and file report.*

### **12. HIGH DESERT CORRIDOR PROJECT UPDATE**

**Recommended Action:** *Receive and file report.*

### **13. METRO LEGISLATIVE UPDATES – Michael Turner, Raffi Hamparian, Metro**

**Recommended Action:** *Receive and file report.*

### **14. NCTC JPA EXECUTIVE DIRECTOR UPDATE – Arthur Sohikian, Executive Director,**

**Recommended Action:** *Receive and file report.*

### **NCTC BOARD REGULAR CALENDAR**

*At the discretion of the Board, all items appearing on this Agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.*

### **15. APPROVE PROPOSED FY2023-24 ANNUAL BUDGET AND NCTC EXECUTIVE DIRECTOR SIGNING AUTHORITY – Arthur Sohikian, NCTC JPA Executive Director**

**Recommended Action:**

- A. Approve Proposed NCTC JPA FY2023-24 Annual Budget.
- B. Authorize Executive Director signing authority for administrative expenditures up to \$5,000.00
- C. Receive and File FY2021-22 Financial Statements Compliance Audit

### **16. METRO CENTER OF TRANSPORTATION EXCELLENCE UPDATE – Metro**

**Recommended Action:** *Receive and file report.*

### **17. NCTC JPA BOARD MEMBER COMMENTS AND FUTURE AGENDA ITEMS**





# **NORTH LOS ANGELES COUNTY**

## Transportation Coalition JPA

**18. ADJOURNMENT. Next regular Board of Directors meeting: October 16, 2023, at 1:00pm at Santa Clarita City Hall, Carl Boyer Room and virtually.**

<https://northcountytransportationcoalition.org/upcoming-meetings>



# NORTH LOS ANGELES COUNTY Transportation Coalition JPA

## AGENDA REPORT – BOARD ITEM 5

### North Los Angeles County Transportation Coalition

Date: July 17, 2023

To: Governing Board Members of the North Los Angeles County Transportation Coalition (NCTC) JPA

From: Arthur V. Sohikian, Executive Director

Subject: NCTC JPA Minutes/Recap of Proceedings for the April 17, 2023 Board Meeting

**1. CALL TO ORDER – Chair Marv Crist called meeting to order at 1:01 p.m.**

**2. ROLL CALL – Quorum Present**

**Directors Present and Directors Voting:**

Chair, Marvin Crist, Vice Mayor, City of Lancaster  
Kenneth Mann, Council Member, City of Lancaster  
Trolis Niebla, Assistant City Manager, City of Lancaster  
Vice Chair, Marsha McLean, Council Member, City of Santa Clarita  
Jason Gibbs, Mayor, City of Santa Clarita  
Mike Hennawy Director of Public Works, City of Santa Clarita  
Austin Bishop, Council Member, City of Palmdale  
Andrea Alarcón, Mayor Pro Tem, City of Palmdale  
Richard Loa, Council Member, City of Palmdale  
Kathryn Barger, Supervisor, 5<sup>th</sup> District, County of Los Angeles

**EX-OFFICIO BOARD MEMBERS –Non Voting**

Martin Tompkins, Antelope Valley Transit Authority

**BOARD MEMBER ALTERNATES**

Eric Ohlsen, Council Member, City of Palmdale – **Non Voting**  
Dave Perry, County of Los Angeles **Voting**  
Damon Letz, City of Santa Clarita **Non Voting**

**NCTC JPA STAFF**

Executive Director: Arthur V. Sohikian  
Legal Counsel: Laura Jacobson, County of Los Angeles

**3. PLEDGE OF ALLEGIANCE: Led by Arthur Sohikian**

**VOTING LEGEND**

Y=YES ABS=Abstain

N=NO

C=Conflict

A=Absent

**4. PUBLIC COMMENTS – Erik Rodriguez, SCAG. Jason Zink**



# NORTH LOS ANGELES COUNTY

## Transportation Coalition JPA

5. **APPROVED** CONSENT CALENDAR ITEMS 5 TO 13 including MINUTES/MEETING OF RECAP OF PROCEEDINGS January 24, 2023 Board Meeting held in City of Santa Clarita City Hall Carl Boyer Room virtual and open to public.

- 6. MEMBER AGENCY TRANSPORTATION & TRANSIT PROJECT UPDATES
- 7. CALIFORNIA HIGHWAY PATROL & SHERIFFS NORTH LA COUNTY UPDATE
- 8. CALTRANS HIGHWAYS PROJECT UPDATES
- 9. METRO HIGHWAYS UPDATE
- 10. METROLINK NORTH COUNTY UPDATE
- 11. HIGH DESERT CORRIDOR PROJECT UPDATE
- 12. METRO LEGISLATIVE UPDATES
- 13. NCTC JPA EXECUTIVE DIRECTOR UPDATE

**APPROVED** on Motion by Director Mann, Second by Director Gibbs. Director Loa Abstain Item 5.

MC	KM	TN	MM	JG	MH	AB	AA	RL	KB	DP
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

14. NORTH COUNTY UPDATE – Removed from Agenda in Honor of Dr. Vartkes Najarian

15. CALIFORNIA HIGH SPEED RAIL AUTHORITY HIGH-SPEED RAIL PROJECT UPDATE — *LaDonna DiCamillo, Southern California Regional Director*

**Recommended Action:** *Receive and file report.*

16. MEASURE M SUBREGIONAL FUNDS; PROGRAMMING PLAN UPDATE MSP FINANCIAL FORECAST & YEAR 9 & 10 FUNDING REQUEST –

**Recommended Action:** *Approve Measure M Multi-Year Subregional Program (MSP) Plan and Program Year 9 & 10 Funds.*

**APPROVED** on Motion by Director Loa, Second by Director Mann.

MC	KM	TN	MM	JG	MH	AB	AA	RL	KB	DP
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

17. NCTC REAP 2.0 PROGRAM SCAG APPLICATION SUBMITTAL

**Recommended Action:** *Allocate all funding identified for the North Los Angeles Subregion from the SCAG Sustainable Communities Program REAP 2.0, as well as the project management thereof, to the City of Lancaster.*

**APPROVED** on Motion by Director Mann, Second by Director Gibbs.

MC	KM	TN	MM	JG	MH	AB	AA	RL	KB	DP
Y	Y	Y	Y	Y	Y	ABS	Y	Y	Y	Y

18. NCTC JPA BOARD MEMBER COMMENTS AND FUTURE AGENDA ITEMS.

Director Barger requests Metro Center For Transportation Excellence Update at July 17, 2023 Meeting.



# **NORTH LOS ANGELES COUNTY**

## Transportation Coalition JPA

19. **ADJOURNMENT. 2:39pm. Next regular Board of Directors meeting: July 17, 2023, at 1:00pm at Antelope Valley Transit Authority (AVTA) and virtually.**

<https://northcountytransportationcoalition.org/upcoming-meetings>









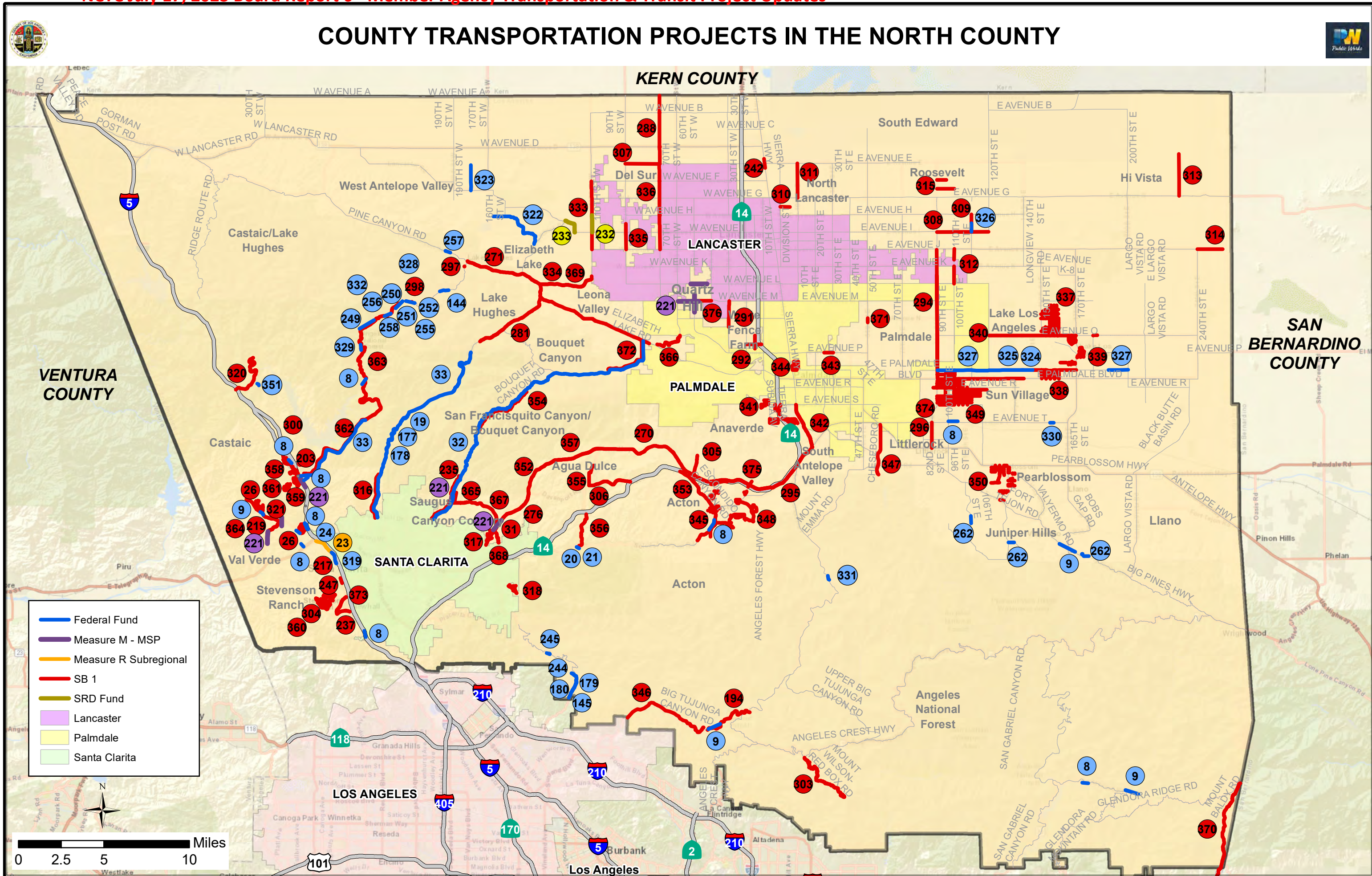
# NORTH LOS ANGELES COUNTY

## Transportation Coalition JPA

Project #	Jurisdiction(s)	Project Name	Project Location	Brief Project Description	Funding Type	Status	Budget Amount	Project total spent	Start Date (MOU approval w/ Metro)	Completion Date
L1	Lancaster	PWCP 14-010 Avenue J Interchange Improvement Project	14 Freeway Interchange From 25th Street West to 15th Street West	SR-138 (SR-14) Avenue J Interchange mainline improvements to accommodate ramp modifications.	Measure R	Phase I is Complete Phase II Construction July of 2022	\$36M	\$8.6M	7/28/2014	2024
L2	Lancaster	PWCP 13-018 Avenue K Interchange Improvement Project	14 Freeway Interchange From 10th Street West to 20th Street West	SR-138 (SR-14) Avenue K Interchange mainline improvements to accommodate ramp modifications.	Measure R	Phase I construction is underway	\$28M	\$5M	3/8/2013	2024
L3	Lancaster Palmdale County	PWCP 13-019 Avenue M Interchange Improvement Project	14 Freeway Interchange From 10th Street West to 30th Street West	SR-138 (SR-14) Avenue M Interchange mainline improvements to accommodate ramp modifications.	Measure R	Design is 60% complete	\$36M	\$4.5M	3/8/2013	2024
L4	Lancaster	PWCP 15-001 Avenue L Interchange Improvement Project	14 Freeway Interchange From 10th Street West to 15th Street West	SR-138 (SR-14) Avenue L Interchange mainline improvements to accommodate ramp modifications.	Measure R	Environment Document under Caltrans review	\$15M	\$1.3M	3/14/2016	2025
L5	Lancaster County	PWCP 13-020 Avenue G Interchange Improvement Project	14 Freeway Interchange From 10th Street West to 30th Street West	SR-138 (SR-14) Avenue G Interchange mainline improvements to accommodate ramp modifications.	Measure R	Project Report Routing for signature	\$11M	\$1.9M	2/28/2014	2025
P1	Palmdale	SR 138 (SR-14) Widening between Rancho Vista Blvd/Avenue P and Palmdale Blvd.	SR 138 (SR-14) Widening between Rancho Vista Blvd/Ave P, includes northbound offramp at RVB	Widening of southbound mainline from RVB to just north of Palmdale Blvd. Widening of northbound offramp at RVB for better queing and storage	Measure R	Construction complete. Project obtaining final approval by Caltrans before filing a Notice of Completion	\$25M	\$14.5 M	8/30/2014 (MOU MR 330.10)	10/6/2020
P1A	Palmdale	State Route 138 (SR 14) and Rancho Vista Boulevard (RVB) Soil/Slope Stabilization Project	The project limits are located between the northbound SR 14 on-ramp at Palmdale Boulevard to RVB, both the east and west sides of SR 14. See Attachment C for general locations	The original project was completed and accepted by the City of Palmdale on October 3, 2020. Disrupted soils and slopes did not receive adequate stabilization treatments as part of the original scope of work. The result is soil displacement caused from erosion and winds ultimately creating negative environmental impacts to water and air quality due to surface water run-off and PM2.5 and PM10 air pollution	Measure R (left over funding from P1)	Working with Metro on obtaining Amendment No. 1	\$3.5M	\$0	TBD (MOU MR330.10, AMENDMENT NO. 1)	6/1/2023
P2	Palmdale	SR 138 (SR-14) Widening @ Palmdale Blvd Interchange	SR 138 (SR-14) @ Palmdale Blvd Interchange	Widening of offramps to allow for better queing and storage; right hand turn lane from Palmdale Blvd to Division street.	Measure R/Measure M	PS&E	\$28.3M (\$25 MR; \$3 MM)	\$2.9 M	1/3/2014 (MOU MR 330.08)	9/30/2024
P3	Palmdale County	SR 138 (SR-14) Avenue N Widening & Interchange Improvements	SR 138 (SR-14) @ Avenue N Interchange	Reconfiguration of on and off ramps at Avenue N and widening of bridge across SR 14	Measure R	PS&E	\$25M	\$4.1 M	9/23/2014 (MOU MR 330.11)	3/1/2024
P4	Palmdale	SR 138 (SR-14) 10th Street West Widening Interchange Improvements	10th Street West from RVB to O-8 and northbound offramp	Widening of 10th Street West from RVB to O-8 and offramp improvements	Measure R	PS&E	\$27.6M	\$3.10	10/7/2013 (MOU MR 330.09)	3/1/2023
P5	Palmdale	SR 138 (Palmdale Blvd) 5th Street East to 10th Street East Improvements	SR 138 (Palmdale Blvd) 5th Street East to 10th Street East	Widening of Palmdale Blvd from 5th East to 10th East and railroad improvement	Measure R	PS&E	\$25M	\$3.7 M	6/20/2013 (MOU MR 330.07)	8/14/2023
P6	Palmdale County	Pearblossom Highway Reconstruction	Pearblossom Hwy from 25th St East to 55th St East	Reconstruction of pavement and subgrade of this regional truck and commuter route	Gas Tax, Measure M, Measure R, SB1	Project Complete. NOC	\$18M	\$18M	Construction 3rd quarter 2019	Dec-21
S1	Santa Clarita	Via Princessa	Sheldon Avenue to Golden Valley Road	6-Lane Major Arterial with raised landscaped median and Class I Bike Facility along one side.	Measure M 2007 Metro Call Developer Fees	Circulating EIR and in design	\$36M		Fiscal Year 2022-23 (Construction)	FY 20223-24 (Construction)
S2	Santa Clarita	Dockweiler Drive	Valle del Oro to Railroad Avenue	4-Lane Secondary Arterial with raised landscaped median and Class II Bike Facility along both sides.	Measure M 2013 Metro Call Developer Fees	In Design	\$36M		August 2024 (Construction)	December 2026 (Construction)
S3	Santa Clarita	Vista Canyon Metrolink Station	Lost Canyon Road @ Metrolink ROW	New Metrolink Station	Measure R Measure M 2013 Metro Call SB1 LPP Grant	In Construction	\$32M		August 2020 (Construction)	First Quarter 2023 (Construction)
S4	Santa Clarita	Vista Canyon Road Bridge	Soledad Canyon Road to Vista Canyon Road	Vista Canyon Road Bridge and intersection improvements to provide access from Soledad Canyon Road to the Vista Canyon Metrolink station.	Measure R Developer Fees	In Design	\$22M		April 2023(Construction)	April 2024 (Construction)
S5	Santa Clarita	Sierra Highway Improvements	Newhall Avenue to Whispering Leaves Drive	Integration of Sierra Highway into the City's ITS. This project also includes left-turn pocket extensions, additional lanes, and dynamic lane utilization.	Measure R	Preliminary Design	\$3.5M		July 2020 (Construction)	June 2023 (Construction)
C1	County of Los Angeles	The Old Rd Multimodal Mobility & Resiliency Enhancements	The Old Rd - Henry Mayo Dr to Magic Mountain Pkwy	Widening and bridge replacement	Multiple Funding	Environmental/Design	\$250M		Summer 2024 (Construction)	Late 2028
N1	NCTC	I-5 North Capacity Enhancements	I-5 (SR14 to Parker Road)	add N/S High Occupancy Vehicle (HOV) lane and S Truck Lane	Measure R & Measure M; CA SB1 & Federal INFRA	Final Design/Construction	\$679.4M		Fall 2021 (construction)	Late 2026



# COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY





# NCTC July 17, 2023 Board Report 6 - Member Agency Transportation & Transit Project Updates

## COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY FISCAL YEAR 2022-23 AND BEYOND

REF NO.	PROJECT NAME	PROJECT DESCRIPTION	COMMUNITY *	FUNDING TYPE	TOTAL PROJECT COST ESTIMATE	STATUS	ESTIMATED START OF CONSTRUCTION	ESTIMATED COMPLETION DATE
8	Bridge Preventive Maintenance Program Group 14	Preventive maintenance of various bridges	Acton, Angeles National Forest, Castaic, Littlerock/Pearblossom, Stevenson Ranch, Val Verde	Federal Fund	\$ 1,100,000	Design	Spring 2025	Summer 2025
9	Bridge Preventive Maintenance Program Group 22	Preventive maintenance of various bridges	Angeles National Forest, Castaic, Llano	Federal Fund	\$ 806,300	Design	Early 2027	Spring 2027
19	San Francisquito Cyn Rd at San Francisquito Ck (Bridge 53C0517)	Bridge replacement	Castaic, San Francisquito Canyon/Bouquet Canyon	Federal Fund	\$ 12,200,000	Design	Early 2027	Late 2028
20	Soledad Cyn Rd over LACMTA & UPRR (Bridge 53C0555)	Bridge replacement	Acton, Agua Dulce	Federal Fund	\$ 13,600,000	Design	Summer 2026	Spring 2028
21	Soledad Cyn Rd over Santa Clara River (Bridge 53C0488)	Bridge replacement	Acton	Federal Fund	\$ 15,000,000	Design	Summer 2028	Summer 2023
24	The Old Road at Castaic Creek (Bridge 53C1403)	Seismic retrofit	Castaic	Federal Fund	\$ 7,300,000	Design	Summer 2024	Spring 2025
32	Bouquet Cyn Rd - 1 mile S/o Elizabeth Lake Rd to City of Santa Clarita/County boundary line	Installation of horizontal alignment, advanced warning, and curve advisory speed signs	Canyon Country, Leona Valley, Saugus, San Francisquito Canyon/Bouquet Canyon	Federal Fund	\$ 1,280,000	Design	Summer 2024	Fall 2024
33	San Francisquito Cyn Rd and Lake Hughes Rd Signage Project	Installation of horizontal alignment, advanced warning, and curve advisory speed signs	Castaic, San Francisquito Canyon/Bouquet Canyon	Federal Fund	\$ 2,450,000	Design	Summer 2024	Early 2025
144	Lake Hughes Rd at 235' S/o MM 2.47 (2015 Oct Storm)	Install culverts	Lake Hughes	Federal Fund	\$ 4,130,000	Design	Spring 2024	Late 2024
145	Little Tujunga Cyn Rd at MM 16.91, 15.82, 15.67, 15.12 (2017 Creek Fire)	Replace damaged boardwall with rip-rap	Angeles National Forest	Federal Fund	\$ 3,078,000	Construction	October 2020	Fall 2023
177	San Francisquito Cyn Rd at San Francisquito Ck (Bridge 53C0518)	Bridge replacement	Castaic, San Francisquito Canyon/Bouquet Canyon	Federal Fund	\$ 4,500,000	Design	Fall 2026	Fall 2027
178	San Francisquito Cyn Rd at San Francisquito Ck (Bridge 53C0519)	Bridge replacement	Castaic, San Francisquito Canyon/Bouquet Canyon	Federal Fund	\$ 4,500,000	Design	Fall 2026	Fall 2027
179	Little Tujunga Rd at MM 15.57 (2019 Jan Storm)	Cutting the slope and fill back with soil cement mixture	Angeles National Forest	Federal Fund	\$ 700,000	Design	Summer 2023	Fall 2023
244	Little Tujunga Cyn Rd at Buck Cyn	Bridge replacement	Angeles National Forest	Federal Fund	\$ 4,200,000	Design	Spring 2025	Summer 2026
245	Little Tujunga Cyn Rd at Pacoima Creek	Bridge replacement	Angeles National Forest	Federal Fund	\$ 3,700,000	Design	Early 2027	Summer 2028
249	Lake Hughes Rd at MM 8.52 (2020 Lake Fire)	Rip-rap installation	Castaic	Federal Fund	\$ 2,053,000	Design	Spring 2024	Summer 2024
250	Lake Hughes Rd 450' S/O MM 6.70 (2020 Lake Fire)	Rip-rap installation	Castaic	Federal Fund	\$ 512,000	Design	Spring 2024	Summer 2024
251	Lake Hughes Rd 370' S/O MM 5.77 (2020 Lake Fire)	Rip-rap installation	Castaic	Federal Fund	\$ 767,000	Design	Summer 2024	Fall 2024
252	Lake Hughes Rd 760' N/O MM 5.77(2020 Lake Fire)	Rip-rap installation	Castaic	Federal Fund	\$ 512,000	Design	Summer 2024	Fall 2024
255	Lake Hughes Rd at MM 5.05 (2020 Lake Fire)	Rip-rap installation	Castaic	Federal Fund	\$ 1,705,000	Design	Summer 2024	Fall 2024
256	Lake Hughes Rd at MM 6.43 (2020 Lake Fire)	Guardrail replacement	Castaic	Federal Fund	\$ 220,000	Construction	March 2023	Fall 2023
257	Pine Cyn Rd at Bridge #798 (2020 Lake Fire)	Guardrail replacement	Castaic	Federal Fund	\$ 230,000	Construction	March 2023	Fall 2023
258	Lake Hughes Rd at Bridge #1519 (2020 Lake Fire)	Guardrail replacement	Castaic	Federal Fund	\$ 300,000	Design	Spring 2028	Spring 2029
262	Big Pines Hwy, et al. (2020 Bobcat Fire)	Guardrail replacement	Littlerock/Juniper Hills, Llano	Federal Fund	\$ 1,100,000	Design	Spring 2024	Summer 2024

\* The Community names represent the names of the Countywide Statistical Areas (CSA) established by Los Angeles County. The CSA names reflect the general name preferences of residents and historical names of unincorporated areas.

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
FISCAL YEAR 2022-23 AND BEYOND**

REF NO.	PROJECT NAME	PROJECT DESCRIPTION	COMMUNITY	FUNDING TYPE	TOTAL PROJECT COST ESTIMATE	STATUS	ESTIMATED START OF CONSTRUCTION	ESTIMATED COMPLETION DATE
319	The Old Rd – Interstate 5 Rye Cyn Ramps to Magic Mountain Pkwy (Phase 2)	Roadway widening and bridge replacement	Castaic, Stevenson Ranch	Federal Fund	\$ 199,000,000	Design	Summer 2026	Late 2028
322	Fairmont Rd-Munz Ranch Rd to 167th St W Off-System (JAN 8 2023 WINTER STM)	Restore eroded dirt road and culvert repairs	West Antelope Valley	Federal Fund	\$ 50,000	Construction	March 2023	Fall 2023
323	180th St W-Lancaster Rd to Avenue E Off-System (JAN 8 2023 WINTER STM)	Restore washed out shoulder and re-grade road	West Antelope Valley	Federal Fund	\$ 50,000	Completed	January 2023	January 2023
324	Avenue Q at Big Rock Crk W/o 145th St E Off-System (JAN 8 2023 WINTER STM)	Place rip-rap and concrete at toe of outlet slope	Lake Los Angeles	Federal Fund	\$ 290,000	Design	Spring 2024	Spring 2024
325	Avenue Q W/o 140th St E Off-System (JAN 8 2023 WINTER STM)	Place rip-rap, repair wing walls, and restore slope	Lake Los Angeles	Federal Fund	\$ 230,000	Design	Spring 2024	Spring 2024
326	110th St E - Avenue I to Avenue H8 Off-System (JAN 8 2023 WINTER STM)	Replace washed out pavement	Roosevelt	Federal Fund	\$ 25,000	Completed	February 2023	February 2023
327	Avenue Q - 90th St E to 145th St E and W/o 200th St E to 188th St E Off-System (JAN 8 2023 WINTER STM)	Regrade dirt road	Hi Vista, Lake Los Angeles, Sun Village	Federal Fund	\$ 600,000	Construction	April 2023	Summer 2023
328	Lake Hughes Rd at MM 5.21 On-System (JAN 8 2023 WINTER STM)	Restore roadway and place rip-rap	Castaic	Federal Fund	\$ 450,000	Design	Summer 2023	Fall 2023
329	Lake Hughes Rd at MM 10.40 On-System (JAN 8 2023 WINTER STM)	Restore shoulder and place rip-rap	Castaic	Federal Fund	\$ 400,000	Design	Summer 2023	Fall 2023
330	Avenue T at Big Rock Wash On-System (Jan 8 2023 WINTER STM)	Placement of rip-rap	Littlerock/Pearblossom	Federal Fund	\$ 200,000	Design	Spring 2024	Spring 2024
331	Angeles Forest Hwy at MM 7.97 On-System (2023 LATE FEB WINTER STM)	Repair of sunken roadway	Angeles National Forest	Federal Fund	\$ 100,000	Completed	March 2023	March 2023
332	Lake Hughes Rd at MM 7.48 On-System (Jan 8 2023 WINTER STM)	Repair damaged pavement	Angeles National Forest	Federal Fund	\$ 200,000	Design	Summer 2023	Fall 2023
351	Ridge Route Rd at MM 21.05 On-System (2023MARSTM)	Repair damaged roadway and shoulder	Castaic	Federal Fund	\$ 200,000	Design	Summer 2023	Fall 2023
221	North County Bus Stop Improvements (MSP)	Improvements at 12 AVTA and 11 Santa Clarita Transit bus stops	Castaic, Quartz Hill, Saugus/Canyon Country, Val Verde	Measure M-MSP	\$ 2,987,000	Design	Fall 2025	Spring 2026
23	The Old Road - Henry Mayo Dr to N/o Interstate 5 Rye Cyn Ramps (Phase 1)	Roadway widening	Castaic, Stevenson Ranch	Measure R Subregional	\$ 45,000,000	Design	Summer 2024	Summer 2026
26	Hasley Hills South	Pavement reconstruction	Castaic	SB1	\$ 9,400,000	Design	Late 2023	Fall 2025
31	Sierra Hwy at Vasquez Cyn Rd	Traffic signal modification	Saugus/Canyon Country	SB1	\$ 1,140,000	Design	Summer 2024	Early 2025
194	Big Tujunga Cyn Rd (Phase 1) - Vogel Flats Rd to Angeles Forest Hwy	Pavement rehabilitation	Angeles National Forest	SB1	\$ 2,100,000	Completed	July 2022	August 2022
203	Castaic Rd at Ridge Route Rd and The Old Road at Parker Rd	Install new traffic signals	Castaic	SB1	\$ 2,300,000	Construction	February 2023	Summer 2023
219	Del Valle Rd - Hunstock St to Hasley Cyn Rd	Install curve advisory signs	Val Verde	SB1	\$ 415,000	Completed	July 2022	August 2022
235	Bouquet Cyn Rd at Vasquez Cyn Rd	New traffic signal	Canyon Country, Saugus	SB1	\$ 1,100,000	Design	Summer 2024	Early 2025
237	Pico Cyn Rd at Stevenson Ranch Pkwy	Traffic signal upgrade	Stevenson Ranch	SB1	\$ 620,000	Design	Fall 2024	Fall 2025
242	Avenue E at Sierra Hwy	Guardrail installation	North Lancaster	SB1	\$ 2,500,000	Design	Fall 2025	Fall 2026
247	The Old Rd at Valencia Bl	Traffic signal upgrade	Stevenson Ranch	SB1	\$ 520,000	Construction	April 2023	Fall 2023

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
FISCAL YEAR 2022-23 AND BEYOND**

REF NO.	PROJECT NAME	PROJECT DESCRIPTION	COMMUNITY	FUNDING TYPE	TOTAL PROJECT COST ESTIMATE	STATUS	ESTIMATED START OF CONSTRUCTION	ESTIMATED COMPLETION DATE
270	Sierra Hwy - 2100' S/o Quinn Dr to Avenue S	Install advance curve advisory speed signs & chevron warning signs	Acton, Agua Dulce, Anaverde, Canyon Country, South Antelope Valley	SB1	\$ 1,500,000	Design	Summer 2024	Fall 2024
271	Elizabeth Lake Rd - Lake Hughes Rd to 2095' E/o Bouquet Cyn Rd	Install advance curve advisory speed signs & chevron warning signs	Elizabeth Lake, Lake Hughes, Leona Valley	SB1	\$ 750,000	Design	Summer 2024	Fall 2024
276	Sierra Highway (Phase 2) - Vasquez Cyn Rd to Davenport Rd	Pavement rehabilitation	Agua Dulce	SB1	\$ 1,700,000	Completed	June 2022	July 2022
281	San Francisquito Cyn Rd - Elizabeth Lake Rd to MM 5.93	Pavement rehabilitation	Bouquet Canyon, Elizabeth Lake, Leona Valley	SB1	\$ 2,693,000	Completed	June 2022	July 2022
288	70th St West - Avenue A to Avenue E	Pavement resurfacing	Del Sur	SB1	\$ 1,198,000	Completed	July 2022	August 2022
291	30th St West - Avenue N-8 to Avenue M	Pavement resurfacing	White Fence Farm	SB1	\$ 1,051,000	Completed	July 2022	July 2022
292	Avenue O-8, et al.	Pavement resurfacing	White Fence Farm	SB1	\$ 1,104,000	Completed	May 2022	July 2022
294	90th St East (Phase 2) - Palmdale Bl to Avenue J	Pavement resurfacing	Sun Village, Roosevelt, Redman	SB1	\$ 2,500,000	Completed	July 2022	August 2022
295	Sierra Hwy - Crown Valley Rd to 411' E/o Mountain Springs Rd	Pavement rehabilitation	Acton	SB1	\$ 6,000,000	Design	Fall 2023	Fall 2023
296	87th St East - Avenue T to Hwy 138	Pavement resurfacing	Littlerock, Sun Village	SB1	\$ 900,000	Completed	August 2022	August 2022
297	Lake Hughes Rd near MM 0.45 Shoulder Repair On-System (2021DECSTM)	Road and shoulder repair using rip-rap and enviroblock	Lake Hughes	SB1	\$ 250,000	Design	Summer 2023	Fall 2023
298	Lake Hughes Rd S/o MM 5.26 Slope Repair On-System (2021DECSTM)	Roadway, shoulder and slope repair	Castaic	SB1	\$ 70,000	Design	Summer 2023	Fall 2023
300	Oak Valley Rd, et al.	Pavement preservation	Castaic/Val Verde	SB1	\$ 200,000	Design	Summer 2023	Fall 2023
303	Mount Wilson Rd, et al.	Pavement preservation	Angeles National Forest	SB1	\$ 790,000	Completed	July 2022	July 2022
304	Stevenson Ranch Tract (Phase 3)	Pavement resurfacing	Stevenson Ranch	SB1	\$ 2,300,000	Completed	October 2022	December 2022
305	Escondido Cyn Rd (Phase 1) - Agua Dulce Cyn Rd to SR 14 Fwy	Pavement resurfacing	Agua Dulce	SB1	\$ 1,190,000	Completed	May 2022	June 2022
306	Red Rover Mine Rd - Escondido Cyn Rd To 1800' N/o Rover Ridge Rd	Pavement resurfacing	Acton	SB1	\$ 920,000	Completed	July 2022	July 2022
307	Avenue E - 80th St West to 90th St West	Pavement preservation	Del Sur	SB1	\$ 450,000	Completed	July 2022	August 2022
308	Avenue I - 120th St East to 90th St East	Pavement preservation	Roosevelt	SB1	\$ 375,000	Completed	July 2022	July 2022
309	110th St East - Avenue I to Avenue H	Pavement preservation	Roosevelt	SB1	\$ 125,000	Completed	July 2022	July 2022
310	Avenue G-6 - Division St to 5th St East	Pavement preservation	North Lancaster	SB1	\$ 70,000	Completed	September 2022	September 2022
311	10th St East - Avenue G to Avenue E	Pavement preservation	North Lancaster	SB1	\$ 280,000	Completed	September 2022	October 2022
312	100th St East - Avenue J to Avenue J-8; Avenue K to Avenue L	Pavement preservation	Lake Los Angeles	SB1	\$ 185,000	Completed	September 2022	October 2022

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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REF NO.	PROJECT NAME	PROJECT DESCRIPTION	COMMUNITY	FUNDING TYPE	TOTAL PROJECT COST ESTIMATE	STATUS	ESTIMATED START OF CONSTRUCTION	ESTIMATED COMPLETION DATE
313	230th St East - Avenue G to Avenue D-8	Pavement preservation	Hi Vista	SB1	\$ 357,000	Completed	October 2022	November 2022
314	Avenue J - 240th St East to 255th St East	Pavement preservation	Hi Vista	SB1	\$ 210,000	Completed	October 2022	November 2022
315	Avenue F-8, et al.	Pavement preservation	Hi Vista	SB1	\$ 210,000	Completed	October 2022	November 2022
316	San Francisquito Cyn Rd - Copper Hill Dr to Quail Tr	Enhance existing equestrian crossings	Agua Dulce, Castaic, Lake Hughes	SB1	\$ 85,000	Design	Fall 2023	Fall 2023
317	Gazeley St, et al.	Pavement resurfacing	Canyon Country	SB1	\$ 500,000	Completed	August 2022	August 2022
318	Live Oak Springs Cyn Rd, et al.	Pavement preservation	Canyon Country	SB1	\$ 400,000	Construction	July 2023	Summer 2023
320	Templin Hwy (Phase 1) - Golden State Hwy to Ridge Route Rd	Pavement resurfacing	Castaic/Lake Hughes	SB1	\$ 891,000	Completed	August 2022	August 2022
321	Del Valle Rd - Hunstock St to Hasley Cyn Rd	Pavement resurfacing	Castaic/Val Verde	SB1	\$ 520,000	Completed	November 2022	December 2022
333	110th St West - Avenue F to Avenue J	Pavement resurfacing	West Antelope Valley	SB1	\$ 1,166,000.00	Completed	May 2023	May 2023
334	Johnson Rd - Elizabeth Lake Rd to Avenue J	Pavement resurfacing	Leona Valley	SB1	\$ 1,549,000.00	Construction	June 2023	Summer 2023
335	90th St West - Avenue G to Avenue J	Pavement resurfacing	Del Sur	SB1	\$ 583,000.00	Completed	April 2023	May 2023
336	70th St West - Avenue E to Avenue J	Pavement resurfacing	Antelope Acres	SB1	\$ 1,035,000.00	Design	Spring 2024	Spring 2024
337	Lake Los Angeles Community (Phase I)	Pavement preservation	Lake Los Angeles	SB1	\$ 1,200,000.00	Construction	April 2023	Summer 2023
338	Avenue Q Tract	Pavement preservation	Lake Los Angeles	SB1	\$ 314,000.00	Design	Summer 2023	Summer 2023
339	Lake Los Angeles Local Streets, et al.	Pavement preservation	Lake Los Angeles	SB1	\$ 300,000.00	Design	Summer 2023	Summer 2023
340	Avenue O - 170th St East to 120th St East	Pavement resurfacing	Lake Los Angeles	SB1	\$ 1,457,000.00	Design	Summer 2023	Summer 2023
341	Lago Lindo Rd, et al.	Pavement preservation	South Antelope Valley	SB1	\$ 1,078,000.00	Completed	April 2023	May 2023
342	Sierra Hwy - Pearblossom Hwy to Avenue S	Pavement rehabilitation	Anaverde	SB1	\$ 1,331,000.00	Design	Summer 2023	Summer 2023
343	Avenue P - 25th St East to 30th St East	Pavement resurfacing	Palmdale	SB1	\$ 380,000.00	Design	Summer 2023	Summer 2023
344	10th St East, et al.	Pavement resurfacing	South Antelope Valley	SB1	\$ 2,016,000.00	Design	Summer 2023	Summer 2023
345	Crown Valley Rd, et al.	Pavement preservation	Acton	SB1	\$ 2,593,000.00	Completed	May 2023	June 2023
346	Big Tujunga Cyn Rd (Phase 2)	Pavement rehabilitation	Angeles National Forest	SB1	\$ 2,500,000.00	Completed	May 2023	June 2023
347	Cheseboro Rd - Pearblossom Hwy to County boundary	Pavement resurfacing	Littlerock/Sun Village	SB1	\$ 960,000.00	Design	Fall 2023	Fall 2023

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
FISCAL YEAR 2022-23 AND BEYOND**

REF NO.	PROJECT NAME	PROJECT DESCRIPTION	COMMUNITY	FUNDING TYPE	TOTAL PROJECT COST ESTIMATE	STATUS	ESTIMATED START OF CONSTRUCTION	ESTIMATED COMPLETION DATE
348	Aliso Cyn Rd - Soledad Cyn to Avenue Y8	Pavement resurfacing	Acton	SB1	\$ 450,000.00	Design	Summer 2024	Summer 2024
349	Avenue R-8, et al.	Pavement resurfacing	South Antelope Valley	SB1	\$ 3,986,000.00	Design	Fall 2023	Fall 2023
350	121st St East, et al.	Pavement preservation	Pearblossom/Llano	SB1	\$ 1,315,000.00	Completed	April 2023	May 2023
352	Sierra Hwy (Phase 3) - Davenport Rd to Center St	Pavement rehabilitation	Agua Dulce	SB1	\$ 1,200,000.00	Completed	April 2023	May 2023
353	Escondido Cyn Rd (Phase 2) - SR 14 Fwy to Syracuse Av	Pavement resurfacing	Acton	SB1	\$ 3,000,000.00	Design	Summer 2023	Summer 2023
354	Bouquet Cyn Rd (Phase 2) - MM 8.74 to MM 13.06	Pavement resurfacing	Bouquet Cyn Rd	SB1	\$ 3,500,000.00	Design	Summer 2023	Summer 2023
355	Agua Dulce Cyn Rd (Phase 2) - Escondido Cyn Rd to Castlehaven Rd	Pavement resurfacing	Agua Dulce	SB1	\$ 1,200,000.00	Design	Summer 2023	Summer 2023
356	Agua Dulce Cyn Rd (Phase 4) - Soledad Cyn Rd to Burke Rd	Pavement resurfacing	Agua Dulce	SB1	\$ 1,200,000.00	Design	Fall 2023	Fall 2023
357	Sierra Hwy (Phase 4) - Center St to Agua Dulce Cyn Rd	Pavement rehabilitation	Agua Dulce	SB1	\$ 2,200,000.00	Design	Fall 2023	Fall 2023
358	Cherry Dr, et al.	Pavement resurfacing	Castaic/Val Verde	SB1	\$ 850,000.00	Design	Summer 2023	Fall 2023
359	Green Hill Dr, et al.	Pavement resurfacing	Castaic/Val Verde	SB1	\$ 1,650,000.00	Design	Summer 2023	Summer 2023
360	Stevenson Ranch Tract (Phase 4)	Pavement preservation	Stevenson Ranch	SB1	\$ 1,900,000.00	Design	Summer 2023	Summer 2023
361	Quail Valley Rd, et al.	Pavement resurfacing	Castaic/Val Verde	SB1	\$ 1,300,000.00	Design	Fall 2023	Fall 2023
362	Lake Hughes Rd (Phase 1) - Ridge Route Rd to MM 14.02	Pavement rehabilitation	Castaic/Val Verde	SB1	\$ 4,800,000.00	Design	Summer 2023	Fall 2023
363	Lake Hughes Rd (Phase 2) - MM 14.02 to MM 6.07	Pavement rehabilitation	Castaic/Val Verde	SB1	\$ 4,200,000.00	Design	Spring 2024	Spring 2024
364	Hasley Cyn Rd - Commerce Center Dr to 4776' W/o Valley Glen St	Pavement resurfacing	Castaic/Val Verde	SB1	\$ 2,500,000.00	Design	Fall 2023	Fall 2023
365	Vasquez Cyn Rd - Bouquet Cyn Rd to 1360' E/o Lost Creek Rd	Pavement resurfacing	Castaic/Val Verde	SB1	\$ 500,000.00	Design	Fall 2023	Fall 2023
366	Godde Hill Rd - 674' N/o Elizabeth Lake Rd to 11345' N/o Elizabeth Lake Rd	Install curve advisory signs	Leona Valley	SB1	\$ 160,000	Design	Spring 2024	Summer 2024
367	Vasquez Cyn Rd - Bouquet Cyn Rd-Sierra Hwy	Install curve advisory signs	Agua Dulce	SB1	\$ 270,000	Design	Spring 2024	Summer 2024
368	Sand Cyn Rd - Sierra Hwy to 4500' N/o Soledad Cyn Rd	Install curve advisory signs	Canyon Country	SB1	\$ 500,000	Design	Spring 2024	Summer 2024
369	Johnson Rd - Elizabeth Lake Rd to 110th St West	Install curve advisory signs	Del Sur, Lake Hughes, Leona Valley	SB1	\$ 190,000	Design	Early 2025	Spring 2026
370	Mt Baldy Rd - Angeles National Forest boundary line to Glendora Ridge Rd	Traffic safety improvements	Angeles National Forest	SB1	\$ 650,000	Design	Spring 2024	Summer 2024
371	Avenue N at 50th St East	New traffic signal	Palmdale	SB1	\$ 735,000	Design	Summer 2025	Summer 2026



**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
FISCAL YEAR 2022-23 AND BEYOND**

REF NO.	PROJECT NAME	PROJECT DESCRIPTION	COMMUNITY *	FUNDING TYPE	TOTAL PROJECT COST ESTIMATE	STATUS	ESTIMATED START OF CONSTRUCTION	ESTIMATED COMPLETION DATE
372	Bouquet Cyn Rd - Santa Clarita Bl to 640' N/o MM 16.43 and 1145' N/o MM 3.52 to 950' N/o MM 0.18	Curve advisory signs	Agua Dulce	SB1	\$ 390,000	Completed	September 2022	October 2022
373	Stevenson Ranch Pky - Pico Cyn Rd to The Old Road	Install plastic bollards	Stevenson Ranch	SB1	\$ 100,000	Design	Summer 2023	Fall 2023
374	Avenue S - 92nd St East to 100th St East	Install edge line striping	Littlerock, Pearblossom/Llano, Sun Village	SB1	\$ 50,000	Completed	November 2022	April 2023
375	Sierra Hwy and Santiago Rd	Install stop beacons	Acton	SB1	\$ 40,000	Design	Summer 2023	Summer 2023
376	Quartz Hill Rd/Avenue M - 50th St West to 45th St West	Install signing and striping	Quartz Hill	SB1	\$ 30,000	Design	Fall 2023	Fall 2023
232	110th St West at Avenue I	Shoulder paveout	Del Sur	SRD Fund	\$ 14,400	Design	Summer 2023	Summer 2023
233	Lancaster Rd - Munz Ranch Rd to 300' E/o Munz Ranch Rd	Shoulder paveout	West Antelope Valley	SRD Fund	\$ 12,500	Design	Summer 2023	Summer 2023
					\$ 442,949,200			

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
STREET LISTS FOR ET AL. PROJECTS  
FISCAL YEAR 2022-23 AND BEYOND**

**10th St East, et al.**

8th St East - Avenue Q to Avenue P-8  
9th St East - Avenue P 15 to Avenue P-12  
10th St East - 660' N/o Avenue Q to Avenue P-8  
Avenue P-8 - 8th St East to 10th St East  
Avenue P-12 - 8th St East to 9th St East  
Avenue P 15 - Rambler Av to 9th St East  
Avenue Q - Sierra Hy to 272' E/o 9th St East  
Rambler Av - Avenue Q to Avenue P-12  
Sierra Hy - Avenue Q to 1382' N/o Avenue Q

**50th St East, et al.**

50th St East - Avenue E to S/o Avenue I  
Avenue I - W/o 50th St East  
Avenue I - E/o 50th St East  
Avenue H - W/o 50th St East  
Avenue H - E/o 50th St East  
Avenue G - W/o 50th St East  
Avenue G - E/o 50th St East  
Avenue J - W/o 90th St East  
Longview Rd - N/o Avenue K  
Longview Rd - S/o Avenue J  
140th St East - N/o Avenue J  
140th St East - S/o Avenue H  
140th St East - N/o Avenue H  
140th St East S/o Avenue G  
140th St East - N/o Avenue G  
140th St East - S/o Avenue E to End County Maintained Rd  
Avenue H - W/o 140th St East  
Avenue G - E/o 140th St East

**102nd St East, et al.**

100th St East - Avenue R to Palmdale Bl  
102nd St East - Avenue R to Palmdale Bl  
105th St East - Avenue R to Palmdale Bl  
Avenue Q-10 - 90th St East to 105th St East  
Avenue Q-12 - 90th St East to 105th St East  
Avenue Q-14 - 90th St East to 105th St East  
Avenue R - 460' E/o 90th St East to 105th St East  
Avenue R - 110th St East to 120th St East  
Avenue R-2 - 100th St East to 4,668' E/o 110th St East  
Avenue R-6 - 100th St East to 115th St East  
Avenue R-8 - 110th St East to 115th St East  
105th St East - Avenue S to Avenue R  
107th St East - Avenue S to Avenue R

**121st St East, et al.**

123rd St East - Avenue V-14 to Pearblossom Hy  
126th St East - Avenue W-8 to Pearblossom Hy  
128th St East - 355' S/o Avenue W to Pearblossom Hy  
129th St East - 200' S/o Pearblossom Hy to Pearblossom Hy  
130th St East - 200' S/o Pearblossom Hy to Pearblossom Hy  
132nd St East - Avenue W-6 to 465' N/o Avenue W-6  
133rd St East - Avenue W to 205' N/o Avenue W  
133rd St East - Avenue W-6 to Avenue W-4  
133rd St East - Avenue W-11 to 500' N/o Avenue W-11  
135th St East - Avenue W to 205' N/o Avenue W

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
STREET LISTS FOR ET AL. PROJECTS  
FISCAL YEAR 2022-23 AND BEYOND**

**121st St East, et al. (Continued)**

Avenue V-10 - 121st St East to 410' E 126th St East  
Avenue V-10 - Longview Rd to 290' E/o Longview Rd  
Avenue V 11 - Longview Rd to 290' E/o Longview Rd  
Avenue V-12 - 121st St East to 128th St East  
Avenue V-12 - Longview Rd to 290' E/o Longview Rd  
Avenue V-13 - Longview Rd to 290' E/o Longview Rd  
Avenue V-14 - Longview Rd to 290' E/o Longview Rd  
Avenue V-14 - 121st St East to 1162 E 121st St East  
Avenue V-14 - 1162' E/o 121st St East to 123rd St East  
Avenue V-14 - 126th St East to 128th St East  
Avenue W-6 - Longview Rd to 135th St East  
Avenue W-8 - 121st St East to 126th St East  
Avenue W-8 - 126th St East to 550' E/o 126th St East  
Avenue W-10 - Longview Rd to 660' E/o Longview Rd  
Avenue W-11 - 133rd St East to 670' E/o 133rd St East  
Avenue W-11 - Longview Rd to 133rd St East  
Avenue X - 690' W/o Pearblossom Vista to Pearblossom Vista  
Avenue X - Pearblossom Vista to Rose Tree Ln  
Avenue X - Rose Tree Ln to 315' E/o Rose Tree Ln  
Avenue X - 315' E/o Rose Tree Ln to Longview Rd  
Homer Rd - Fort Tejon Rd to Longview Rd  
Peach Tree Ln - 472' S/o Avenue X to Avenue X  
Pearblossom Vista - 210' S/o Rose Tree Ln to Rose Tree Ln  
Pearblossom Vista - Rose Tree Ln to Avenue X  
Rose Tree Ln - Pearblossom Vista to Avenue X

**Avenue F-8, et al.**

Avenue F-8 - 90th St East to 100th St East  
Avenue F - 90th St East to 95th St East

**Avenue O-8, et al.**

Avenue O-8 - 15th St West to 20th St West  
15th St West - Avenue O to Avenue O-12

**Avenue Q Tract**

150th St East - Palmdale Bl to Avenue Q  
151st St East - Avenue Q-7 to 1802' N/o Avenue Q-7  
152nd St East - Palmdale Bl to 1200' N/o Avenue Q-7  
152nd St East - Avenue Q-1 to Avenue Q  
154th St East - 1296' N/o Avenue Q-7 to Avenue Q-1  
155th St East - Palmdale Bl to Avenue Q-4  
156th St East - Avenue Q-7 to Avenue Q-1  
158th St East - Palmdale Bl to Avenue Q-7  
158th St East - Avenue Q-1 to Avenue Q  
159th St East - Avenue Q-7 to Avenue Q-1  
160th St East - Palmdale Bl to Avenue Q  
155th St East - Avenue Q-4 to Avenue Q  
Avenue Q - 145th St East to 170th St East  
Avenue Q-1 - 699' W/o 152nd St East to 154th St East  
Avenue Q-1 - 156th St East to 159th St East  
Avenue Q-3 - 150th St East to 151st St East  
Avenue Q-4 - 154th St East to 156th St East  
Avenue Q-4 - 1193' W/o 159th St East to 160th St East  
Avenue Q-7 - 151st St East to 154th St East  
Avenue Q-7 - 156th St East to 159th St East

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
STREET LISTS FOR ET AL. PROJECTS  
FISCAL YEAR 2022-23 AND BEYOND**

**Avenue Q Tract (Phase 2)**

Avenue Q-1 - 156th St East to 159th St East  
Avenue Q-4 - 154th St East to 156th St East  
Avenue Q-4 - 1193' W/o 159th St East to 160th St East  
Avenue Q-7 - 156th St East to 159th St East  
150th St East - Palmdale Bl to Avenue Q  
155th St East - Palmdale Bl to Avenue Q  
156th St East - Avenue Q-7 to Avenue Q-1  
158th St East - Palmdale Blvd to Avenue Q-7  
158th St East - Avenue Q-1 to Avenue Q  
159th St East - Avenue Q-7 to Avenue Q-1  
160th St East - Palmdale Bl to Avenue Q

**Avenue R-8, et al.**

95th St East - Avenue R-8 to Avenue R  
95th St East - Avenue S to Avenue Q  
96th St East - Avenue S to Avenue R-8  
97th St East - Avenue S to Avenue R-8  
100th St East - Avenue R-8 to Avenue Q  
100th St East - Avenue S to Avenue R-10  
100th St East - Avenue R-10 S to Avenue R-8  
102nd St East - Avenue S to Avenue Q-14  
102nd St East - Avenue Q-12 to Palmdale Bl  
105th St East - Avenue S to Palmdale Bl  
107th St East - Avenue S to Avenue R  
Avenue Q-2 - 95th St East to 100th St East  
Avenue Q-4 - 90th St East to 100th St East  
Avenue Q-6 - 95th St East to 100th St East  
Avenue Q-10 - 90th St East to 105th St East  
Avenue Q-12 - 90th St East to 105th St East  
Avenue Q-14 - 90th St East to 105th St East  
Avenue R - 1100' W/o 90th St East to 105th St East  
Avenue R-2 - 100th St East to 4688' E/o 110th St East  
Avenue R-4 - 100th St East to 115th St East  
Avenue R-6 - 100th St East to 115th St East  
Avenue R-8 - 90th St East to 115th St East  
Avenue R-10 - 90th St East to 95th St East  
Avenue R-10 - 97th St East to 110th St East  
Avenue R 11 - 95th St East to 96th St East  
Avenue R-12 - 90th St East to 95th St East  
Avenue R-12 - 96th St East to 97th St East  
Avenue R-12 - 100th St East to 110th St East  
Avenue R-14 - 90th St East to 95th St East  
Avenue R-14 - 96th St East to 97th St East  
Avenue R-14 - 100th St East to 110th St East

**Big Pines Hwy, et al. (2020 Bobcat Fire)**

Big Pines Hy at MM 1.22  
Big Pines Hy 700' E/o MM 1.22  
106th St East 800' S/o MM 24.90  
Tumbleweed Rd at MM 0.35 (Pallet Creek, BR No. 3578)

**Bobcat Wy, et al.**

Bobcat Wy - Hipshot Dr to Sloan Cyn Rd  
Hipshot Dr - 221' S/o Rogue Wy to 727' N/o Bobcat Wy  
Chucker Ct - 173' W/o Bobcat Wy to Bobcat Wy  
Rogue Wy - Hipshot Dr to Sloan Cyn Rd

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
STREET LISTS FOR ET AL. PROJECTS  
FISCAL YEAR 2022-23 AND BEYOND**

**Bridge Preventive Maintenance Program Group 14**

Lake Hughes Rd over Elizabeth Cyn Creek  
Calgrove Bl over South Fork Santa Clara River  
Castaic Rd over Violin Creek  
North Ridge Route Rd over Violin Creek  
Soledad Cyn Rd over Bee Cyn Wash  
Commerce Center Dr over Castaic Creek & Hasley Channel  
Aliso Cyn Rd over Gleason Cyn Creek  
Avenue T over SPRR  
East Fork Rd over Susana Creek

**Bridge Preventive Maintenance Program Group 22**

Valyermo Rd over Big Rock Creek  
Camp Bonita Rd over Cattle Cyn Creek  
Big Tujunga Cyn Rd over Big Tujunga Cyn Creek  
Romero Cyn Rd over Hasley Cyn Channel

**Cherry Dr, et al.**

Arrow Point Dr - Banjo Cr to Nares Dr  
Arrow Point Dr - Dry Well Cr to Banjo Cr  
Arrow Point Dr - Fox Run Cr to Dry Well Cr  
Arrow Point Dr - Gold Hill Dr to Fox Run Cr  
Arrow Point Dr - Nares Dr to Cherry Dr  
Banjo Cr - 173' W/o Arrow Point Dr to Arrow Point Dr  
Cherry Dr - Arrow Point Dr to 228' N/o Arrow Point Dr  
Cherry Dr - Gold Hill Dr to Arrow Point Dr  
Cherry Dr - 600' S/o Parker Rd to Parker Rd  
Cherry Dr - Parker Rd to Gold Hill Dr  
Dry Well Cr - 272' W/o Arrow Point Dr to Arrow Point Dr  
Fox Run Cr - 328' W/o Arrow Point Dr to Arrow Point Dr  
Gold Hill Dr - 438' W/o Arrow Point Dr to Arrow Point Dr  
Gold Hill Dr - Arrow Point Dr to Cherry Dr  
Karena Av - Parker Rd to Lisa St  
Lisa St - 141' W/o Karena Av to Karena Av  
Nares Dr - Sloan Cyn Rd to Arrow Point Dr  
Tobiah Pl - 600' S/o Parker Rd to Parker Rd

**Crown Valley Rd, et al.**

1st St - Smith Av to Gurrier Av  
2nd St - 332' S/o Cory Av to Syracuse Av  
3rd St - 330' S/o Cory Av to Smith Av  
Aliso St - 669' W/o Dorama Av to Crown Valley Rd  
Antelope Woods Rd - 900' W/o Crown Valley Rd to 838' E/o Crown Valley Rd  
Antelope Woods Rd - 1427' E/o Crown Valley Rd to 4305' E/o Crown Valley Rd  
Arrastre Cyn Rd - Crown Valley Rd to 1950' E/o Crown Valley Rd  
Avenue Y-8 - Cedarcroft Rd to Aliso Cyn Rd  
Banson St - Crown Valley Rd to San Ysidro Ln  
Bartlett St - Cory Av to Nickels Av  
Bent Spur Dr - Indian Oak Rd to 2714' E/o Indian Oak Rd  
Briarglen Rd - Indian Oak Rd to Cedarcroft Rd  
Bridle Path Dr - 1272' W/o Palomino Dr to Palomino Dr  
Calmgarden Rd - Indian Oak Rd to Silverset Rd  
Camino Cyn Rd - El Dorado Dr to Shadow Cyn Rd  
Cimarron Wy - El Dorado Dr to 475' N/o El Dorado Dr  
Cedarcroft Rd - Avenue Y-8 to Briarglen Rd  
Cory Av - Bartlett St to 200' E/o Bartlett St  
Cory Av - 257' W/o 2nd St to Soledad Cyn Rd

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
STREET LISTS FOR ET AL. PROJECTS  
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**Crown Valley Rd, et al. (Continued)**

Country Wy - Crown Valley Rd to Calmgarden Rd  
Crown Valley Rd - Soledad Cyn Rd - S to Soledad Cyn Rd - N  
Calmgarden Rd - Silverset Rd to 451' E/o Silverset Rd  
Dorama Av - 243' S/o Liberty Wy to Aliso St  
El Dorado Dr - Aliso Cyn Rd to Camino Cyn Rd  
Gillespie Av - 468' W/o 1st St to Soledad Cyn Rd  
Golden Spur Rd - Indian Oak Rd to 716' E/o Indian Oak Rd  
Gurrier Av - 133' W/o 1st St to Crown Valley Rd  
Indian Oak Rd - Calmgarden Rd to Briarglen Rd  
Joaquin Rd - 470' S/o Shadow Cyn Rd to Shadow Cyn Rd  
Kashmere Cyn Rd - 426' W/o Saddlepeak Ct to Soledad Cyn Rd  
Leandro Rd - Silverado Ln to 341' E/o Silverado Ln  
Lake Meadow Dr - Indian Oak Rd to 979' N/o Indian Oak Rd  
Lawson Ct - 300' S/o Avenue Y-8 to Avenue Y-8  
Liberty Wy - Dorama Av to Rancho Americana Pl  
Nickels Av - 130' W/o Bartlett St to Crown Valley Rd  
Old Miner Rd - 710' S/o Vista Del Monte Dr to 380' N/o Vista Del Monte Dr  
Palomino Dr - Kashmere Cyn Rd to Bridle Path Dr  
Poppy Rd - 520' S/o Banson St to Banson St  
Rancho Americana Pl - 413' S/o Liberty Wy to Aliso St  
Saddlepeak Ct - 369' S/o Kashmere Cyn Rd to Kashmere Cyn Rd  
San Ysidro Ln - 651' S/o Banson St to Banson St  
Shadow Cyn Rd - Aliso Cyn Rd to Camino Cyn Rd  
Silverado Ln - Shadow Cyn Rd to Leandro Rd  
Silverset Rd - Calmgarden Rd to 396' N/o Calmgarden Rd  
Smith Av - 130' W/o Bartlett St to Soledad Cyn Rd  
Syracuse Av - Crown Valley Rd to 1020' E/o Crown Valley Rd  
Vista Del Monte Dr - 534' W/o Santiago Rd to Santiago Rd

**Gazeley St, et al.**

Arline St - 1300' W/o Sierra Hy to Sierra Hy  
Fitch Av - Louis Av to Sierra Hy  
Forrest St - 1450' S/o Louis Av to Fitch Av  
Gazeley St - Fitch Av to Arline St  
Louis Av - Forrest St to Fitch Av  
Quinn Dr - Sierra Hy to 1050' E/o Sierra Hy

**Green Hill Dr, et al**

Applewood Ln - 275' W/o Meadow Grass Dr to Meadow Grass Dr  
Applewood Ln - 336' E/o Meadow Grass Dr to Quail Valley Rd  
Applewood Ln - Meadow Grass Dr to 336' E/o Meadow Grass Dr  
Avion Cr - 705' E/o Victoria Rd to Green Hill Dr  
Avion Cr - Victoria Rd to 705' E/o Victoria Rd  
Banjo Cr - 173' W/o Arrow Point Dr to Arrow Point Dr  
Bobcat Wy - Chucker Ct to Sloan Cyn Rd  
Bobcat Wy - Hipshot Dr to Chucker Ct  
Branch Rd - 163' E/o Timber Pl to Green Hill Dr  
Branch Rd - 569' W/o Olive Av to Olive Av  
Branch Rd - Olive Av to Timber Pl  
Branch Rd - Timber Pl to 163' E/o Timber Pl  
Cedar Wy - Forest Meadow Pl to Meadow Grass Dr  
Chucker Ct - 173' W/o Bobcat Wy to Bobcat Wy  
Cloverleaf Pl - 909' S/o Heather Ln to Heather Ln  
Dell Ct - Meadow Grass Dr to 175' N/o Meadow Grass Dr  
Forest Meadow Pl - 328' E/o Cedar Wy to Quail Valley Rd



**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**Green Hill Dr, et al. (Continued)**

Forest Meadow PI - 476' W/o Cedar Wy to Cedar Wy  
Forest Meadow PI - Cedar Wy to 328' E/o Cedar Wy  
Gelding Rd - 456' S/o Royal Rd to Royal Rd  
Green Hill Dr - 108' N/o Pinto PI to 1162' N/o Pinto PI  
Green Hill Dr - 1162' N/o Pinto PI to Avion Cr  
Green Hill Dr - 145' N/o Royal Rd to Pinto PI  
Green Hill Dr - 262' S/o Branch Rd to Branch Rd  
Green Hill Dr - Avion Cr to Victoria Rd  
Green Hill Dr - Branch Rd to Windy Wy  
Green Hill Dr - Pinto PI to 108' N/o Pinto PI  
Green Hill Dr - Windy Wy to Royal Rd  
Green Hill Dr- Royal Rd to 145' N/o Royal Rd  
Greenwood PI - 1678' E/o Heather Ln - W to Heather Ln - E  
Greenwood PI - Heather Ln - W to 1678' E/o Heather Ln - W  
Heather Ln - 235' E/o Cloverleaf PI to Greenwood PI - E  
Heather Ln - 98' E/o Greenwood PI - W to Cloverleaf PI  
Heather Ln - Cloverleaf PI to 0235' E/o Cloverleaf PI  
Heather Ln - Greenwood PI - E to Quail Valley Rd  
Heather Ln - Greenwood PI - W to 98' E/o Greenwood PI - W  
Hipshot Dr - 221' S/o Rogue Wy to Rouge Wy  
Hipshot Dr - Bobcat Wy to 727' N/o Bobcat Wy  
Hipshot Dr - Rogue Wy to Bobcat Wy  
Mariposa Ln - Shadow Lake Ln to Pine Crest PI  
Meadow Grass Dr - 173' E/o Cedar Wy to Dell Ct  
Meadow Grass Dr - 863' E/o Heather Ln to Cedar Wy  
Meadow Grass Dr - Applewood Ln to 145' E/o Applewood Ln  
Meadow Grass Dr - Cedar Wy to 173' E/o Cedar Wy  
Meadow Grass Dr - Dell Ct to Applewood Ln  
Meadow Grass Dr - Heather Ln to 863' E/o Heather Ln  
Mustang Dr - 220' S/o Victoria Rd to Victoria Rd  
Olive Av - Branch Rd to Royal Rd  
Pinto PI - Green Hill Dr to The Old Road  
Quail Valley Rd - 331' S/o Heather Ln to Heather Ln  
Quail Valley Rd - Applewood Ln to Sloan Cyn Rd  
Quail Valley Rd - Forest Meadow PI to Applewood Ln  
Quail Valley Rd - Heather Ln to Forest Meadow PI  
Rogue Wy - Hipshot Dr to Sloan Cyn Rd  
Royal Rd - 082' W/o Gelding Rd to Gelding Rd  
Royal Rd - 359' N/o Gelding Rd to Olive Av  
Royal Rd - 437' N/o Olive Av to 663' N/o Olive Av  
Royal Rd - 663' N/o Olive Av to Green Hill Dr  
Royal Rd - Gelding Rd to 359' N/o Gelding Rd  
Royal Rd - Green Hill Dr to The Old Road  
Royal Rd - Olive Av to 437' N/o Olive Av  
Stallion PI - 137' W/o The Old Road to The Old Road  
Timber PI - 231' S/o Branch Rd to Branch Rd  
Victoria Rd - 389' W/o Mustang Dr to Mustang Dr  
Victoria Rd - 402' E/o Mustang Dr to Avion Cr  
Victoria Rd - 445' E/o Avion Cr to Green Hill Dr  
Victoria Rd - Avion Cr to 445' E/o Avion Cr  
Victoria Rd - Green Hill Dr to The Old Road  
Victoria Rd - Mustang Dr to 402' E/o Mustang Dr  
Windy Wy - 104' W/o Green Hill Dr to Green Hill Dr  
Windy Wy - 397' W/o Green Hill Dr to 104' W/o Green Hill Dr

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**Hasley Hills South**

Ashby Ct - Chelsea St to 139' E/o Chelsea St  
Beacon St - Concord Av to Cambridge Av  
Buckskin Dr - Rangewood Rd to 386' E/o Plymouth Rd  
Cambridge Av - Quincy St to Hasley Cyn Rd  
Chelsea St - Quincy St to 110' N/o Ashby Ct  
Colt Rd - 570' S/o Hawkset St to Hawkset St  
Concord Av - 650' W/o Quincy St to Quincy St  
Danvers Pl - 152' W/o Wakefield Rd to Wakefield Rd  
Diablo Pl - 574' S/o Buckskin Dr to Buckskin Dr  
FenWy Ct - 229' S/o Quincy St to Quincy St  
Hartford Av - Wakefield Rd to 211' E/o Chelsea St  
Hawkset St - Remington Rd to 325' E/o Colt Rd  
Hidden Trail Rd - Live Oak Rd to Saddleridge Wy  
Highplains Ct - 341' S/o Stageline Rd to Stageline Rd  
Live Oak Rd - 580' W/o Hidden Trail Rd to The Old Rd  
Nantucket St - 182' W/o Wakefield Rd to Beacon St  
Newport Pl - Wakefield Rd to 162' N/o Wakefield Rd  
Plymouth Rd - 329' S/o Quincy St to Quincy St  
Plymouth Rd - Buckskin Dr to 500' N/o Buckskin Dr  
Quincy St - 438' W/o Stageline Rd to Live Oak Rd  
Rangewood Rd - 338' S/o Stageline Rd to Saddleridge Wy  
Remington Rd - Winchester Rd to Hawkset St  
Rockport Wy - Beacon St to Quincy St  
Romero Cyn Rd - Hasley Cyn Rd to 577' N/o Sharp Rd  
Saddleridge Wy - Rangewood Rd to Hidden Trail Rd  
Salem Ct - Chelsea St to 327' E/o Chelsea St  
Sharp Rd - Winchester Rd to Romero Cyn Rd  
Stageline Rd - 308' W/o Highplains Ct to Rangewood Rd  
Stowe Ln - 242' W/o Chelsea St to Chelsea St  
Sturbridge Dr - 441' W/o Beacon St to Beacon St  
Wakefield Rd - Nantucket St to 421' N/o Hartford Av  
Winchester Rd - 371' S/o Remington Rd to 520' N/o Remington Rd  
Woodstock Av - 442' W/o Beacon St to Beacon St

**Lago Lindo Rd, et al.**

7th St West - Avenue S to Avenue R-12  
Anza Pl - Geiger Av to 344' E/o Geiger Av  
Avenue R-12 - 1350' W/o 7th St West to 7th St West  
Avenue S Sf - Tovey Av to 250' E/o Felicitas Av  
Avenue S Sf - 275' W/o Camares Dr to Camares Dr  
Avenue S-4 - Guyon Av to El Camino Dr  
Biancia Av - Lisa St to Denise St  
Calle Grillo - Hacienda Dr to Avenue S  
Camares Dr - 385' S/o Avenue S to Avenue S  
China Pl - Sugar Loaf Dr to 250' E/o Sugar Loaf Dr  
Cierro Crest Pl - 674' W/o Lakepointe Ln to 269' E/o Lakepointe Ln  
Denise St - Biancia Av to 7th St West  
Edgewater Rd - Barrel Springs Rd to Lago Lindo Rd  
El Camino Dr - Lakeview Dr to Barrel Springs Rd  
Felicitas Av - 225' S/o Avenue S Sf to Avenue S Sf  
Geiger Av - Lakeview Dr to Barrel Springs Rd  
Guyon Av - Avenue S-4 to Avenue S  
Heritage Pl - 849' S/o Shasta Pl to Barrel Springs Rd  
Hernandez Dr - Tovey Av to 82' E/o Tovey Av  
Lago Lindo Rd - 172' W/o Upland Ct to Barrel Springs Rd

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**Lago Lindo Rd, et al. (Continued)**

Lago Lindo Rd - 352' W/o Martin Wy to 294' E/o Martin Wy  
Lago Lindo Rd - Edgewater Rd to Rozalee Dr  
Lakepointe Ln - 211' S/o Barrel Springs Rd to Lago Lindo Rd  
Lakeview Dr - Tierra Subida Av to 688' E/o Geiger Av  
Lakeview Dr - 1159' W/o El Camino Dr to El Camino Dr  
Lisa St - Bianca Av to 7th St West  
Martin Wy - Barrel Springs Rd to Lago Lindo Rd  
Rozalee Dr - Barrel Springs Rd to Lago Lindo Rd  
Shasta Pl - 740' W/o Heritage Pl to Heritage Pl  
Sugar Loaf Dr - Geiger Av to Barrel Springs Rd  
Tovey Av - 1100' S/o Avenue S to Avenue S  
Tierra Subida Av - Lakeview Dr to Barrel Springs Rd  
Upland Ct - 409' S/o Lago Lindo Rd to Lago Lindo Rd  
Vista Del Lago - 286' S/o Barrel Springs Rd to Barrel Springs Rd

**Lake Los Angeles Community (Phase 1)**

151st St East - Avenue N-12 to Newmont Av  
151st St East - Greenrock Av to Lanfair Av  
152nd St East - 1675' S/o Avenue M-8 to Avenue M-8  
152nd St East - Avenue O to Sweetaire Av  
152nd St East - Sweetaire Av to Grey Stallion Rd  
152nd St East - Newmont Av to Greenrock Av  
154th St East - Sweetaire Av to 2065' N/o Sweetaire Av  
154th St East - Greenrock Av to Lanfair Av  
155th St East - Avenue O to Avenue M-4  
155th St East - Avenue N to Avenue M-12  
155th St East - Avenue M-12 to Avenue M-8  
156th St East - Sweetaire Av to Newmont Av  
156th St East - Valeport Av to Mossdale Av  
156th St East - Greenrock Av to Lanfair Av  
156th St East - Indian Falls Av to 858' N/o Indian Falls Av  
158th St East - 1671' S/o Avenue M-8 to 1344' N/o Avenue M-8  
158th St East - Avenue O to Sweetaire Av  
158th St East - 1193' S/o Newmont Av to Valeport Av  
158th St East - 1193' S/o Mossdale Av to Greenrock Av  
159th St East - Sweetaire Av to Newmont Av  
159th St East - Valeport Av to Mossdale Av  
159th St East - Greenrock Av to Lanfair Av  
159th St East - Indian Falls Av to Avenue M-4  
160th St East - Avenue O to Avenue N  
Avenue M-8 - 155th St East to 160th St East  
Avenue M-12 - 150th St East to 151st St East  
Avenue M-12 - 154th St East to 156th St East  
Avenue M-12 - 159th St East to 160th St East  
Avenue N - 150th St East to 160th St East  
Avenue N-4 - 155th St East to 156th St East  
Avenue N-4 - 159th St East to 160th St East  
Avenue N-8 - 155th St East to 160th St East  
Avenue N-12 - 150th St East to 151st St East  
Avenue N-12 - 154th St East to 156th St East  
Avenue N-12 - 159th St East to 160th St East  
Greenrock Av - 151st St East to 154th St East  
Greenrock Av - 156th St East to 159th St East  
Grey Stallion Rd - 152nd St East to 154th St East  
Indian Falls Av - 156th St East to 59th St East

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**Lake Los Angeles Community (Phase 1) (Continued)**

Lanfair Av - 151st St East to 154th St East  
Lanfair Av - 156th St East to 159th St East  
Mossdale Av - 156th St East to 159th St East  
Newmont Av - 151st St East to 154th St East  
Newmont Av - 156th St East to 159th St East  
Sweetaire Av - 152nd St East to 154th St East  
Sweetaire Av - 156th St East to 159th St East  
Valeport Av - 156th St East to 159th St East

**Lake Los Angeles Local Streets, et al.**

166th St East - 624' S/o Jubilee Trail Av to Jubilee Trail Av  
166th St East - Highacres Av to Coolwater Av  
167th St East - 624' S/o Jubilee Trail Av to Jubilee Trail Av  
167th St East - 426' S/o Highacres Av to Avenue O  
168th St East - 425' S/o Jubilee Trail Av to Jubilee Trail Av  
168th St East - Highacres Av to Coolwater Av  
169th St East - 425' S/o Jubilee Trail Av to Jubilee Trail Av  
169th St East - Glenfall Av to Coolwater Av  
171st St East - 499' S/o Rawhide Av to Rawhide Av  
171st St East - Laredo Vista Av to Lakespring Av  
173rd St East - 168' S/o Rawhide Av to Rawhide Av  
173rd St East - Avenue P to Laredo Vista Av  
174th St East - 161' S/o Rawhide Av to Rawhide Av  
174th St East - Laredo Vista Av to Lakespring Av  
173rd St East - Rawhide Av to Avenue P  
Biglake Av - 171st St East to 174th St East  
Coolwater Av - Fieldspring St to 169th St East  
Fieldspring St - 166th St East to Coolwater Av  
Frontier Circus St - Jubilee Trail Av to Avenue P-8  
Glenfall Av - 168th St East to 170th St East Wf  
Highacres Av - 166th St East to 168th St East  
Jubilee Trail Av - 166th St East to 169th St East  
Lakespring Av - 171st St East to 174th St East  
Laredo Vista Av - 171st St East to 174th St East  
Longmeadow Av - 170th St East to 175th St East  
Parkvalley Av - 169th St East to 170th St East  
Queensglen Av - 171st St East to 174th St East  
Rawhide Av - 171st St East to 174th St East

**Live Oak Springs Cyn Rd, et al.**

Cyn End Rd - Saddleback Rd to Live Oak Springs Cyn Rd  
Crystal Springs Rd - 43' N/o Live Oak Springs Cyn Rd to 433' N/o Live Oak Springs Cyn Rd  
Live Oak Springs Cyn Rd - 130' W/o Saddleback Rd to 393' E/o Cyn End Rd  
Michael Crest Dr - 809' W/o Cyn End Rd to Cyn End Rd  
Saddleback Rd - 913' S/o Cyn End Rd to 616' N/o Cyn End Rd

**Mount Wilson Rd, et al.**

Audio Rd - Mount Wilson Red Box Rd to Mount Wilson Circle  
Mount Wilson Red Box Rd - Angeles Crest Hwy to Video Rd  
Mount Wilson Circle - Audio Rd to Video Rd  
Video Rd - Mount Wilson Red Box Rd to Audio Rd

**North County Bus Stop Improvements (MSP)**

50th St West & Avenue M-8  
50th St West & Avenue L

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**North County Bus Stop Improvements (MSP) (Continued)**

50th St West & Avenue M  
Avenue L-12 & 65th St West  
Avenue L & 45th St West  
Avenue M & 65th St West  
Avenue M & 52nd St West  
Avenue M & 55th St West  
Avenue M & 60th St West  
Avenue M & Quartz Hill Mobile Home Park  
Chiquito Cyn Rd & Lincoln Av  
Chiquito Cyn Rd & Marvin St  
Chiquito Cyn Rd & Taft Ct  
Chiquito Cyn Rd & Taylor St  
Del Valle Rd & Hasley Cyn Rd  
Del Valle Rd & Silver St  
San Martinez Rd & Neuraschel St  
Sierra Hwy & Vasquez Cyn Rd  
29415 Bouquet Cyn Rd  
The Old Rd & Parker Rd  
LARC Ranch

**Oak Valley Rd, et al.**

Autumn Oak Ct - 116' S/o Oak Valley Rd to Oak Valley Rd  
Black Oak Ln - Sierra Oak Tr to The Old Road  
Highland Ct - 332' W/o Sierra Oak Tr to Sierra Oak Tr  
Oak Hill Ct - 604' S/o The Old Road to The Old Road  
Oak Valley Rd - 793' W/o Sierra Oak Tr to The Old Road  
Ridge Top Ln - 468' S/o Sierra Oak Tr to 751' N/o Sierra Oak Tr  
Sierra Oak Tr - Oak Valley Rd to Ridge Top Ln

**Quail Valley Rd, et al.**

Applewood Ln - 275' W/o Meadow Grass Dr to Meadow Grass Dr  
Applewood Ln - 336' E/o Meadow Grass Dr to Quail Valley Rd  
Applewood Ln - Meadow Grass Dr to 336' E/o Meadow Grass Dr  
Cedar Wy - Forest Meadow Pl to Meadow Grass Dr  
Cloverleaf Pl - 909' S/o Heather Ln to Heather Ln  
Dell Ct - Meadow Grass Dr to 175' N/o Meadow Grass Dr  
Forest Meadow Pl - 328' E/o Cedar Wy to Quail Vly Rd  
Forest Meadow Pl - 476' W/o Cedar Wy to Cedar Wy  
Forest Meadow Pl - Cedar Wy to 328' E/o Cedar Wy  
Greenwood Pl - 1678' E/o Heather Ln - W to Heather Ln - E  
Greenwood Pl - Heather Ln - W to 1678' E/o Heather Ln - W  
Heather Ln - 235' E/o Cloverleaf Pl to Greenwood Pl - E  
Heather Ln - 98' E/o Greenwood Pl - W to Cloverleaf Pl  
Heather Ln - Cloverleaf Pl to 235' E/o Cloverleaf Pl  
Heather Ln - Greenwood Pl - E to Quail Valley Rd  
Heather Ln - Greenwood Pl - W to 98' E/o Greenwood Pl - W  
Meadow Grass Dr - 173' E/o Cedar Wy to Dell Ct  
Meadow Grass Dr - 863' E/o Heather Ln to Cedar Wy  
Meadow Grass Dr - Applewood Ln to 145' E/o Applewood Ln  
Meadow Grass Dr - Cedar Wy to 173' E/o Cedar Wy  
Meadow Grass Dr - Dell Ct to Applewood Ln  
Meadow Grass Dr - Heather Ln to 863' E/o Heather Ln  
Quail Valley Rd - 331' S/o Heather Ln to Heather Ln  
Quail Valley Rd - Forest Meadow Pl to Applewood Ln

**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**Quail Valley Rd, et al. (Continued)**

Quail Valley Rd - Heather Ln to Forest Meadow Pl  
Quail Valley Rd - Applewood Ln to Sloan Cyn Rd

**Ralph Ranch Rd, et al.**

Ralph Ranch Rd - Gorman School Rd to Frazier Mountain Park  
Gorman Post Rd - 3960' W/o Gorman School Rd to 785' W/o Lancaster Rd

**San Francisquito Cyn Rd and Lake Hughes Rd Signage Project**

San Francisquito Cyn Rd - Elizabeth Lake Rd to City of Santa Clarita/County boundary line  
Lake Hughes Rd - Elizabeth Lake Rd to Ridge Route Rd

**Stevenson Ranch Tract (Phase 2)**

Akins Ct - Chase Av to 162' N/o Chase Av  
Blake Ct - Steinbeck Av to 807' N/o Steinbeck Av  
Bowie Ct - Carson Wy to 473' E/o Carson Wy  
Browning Pl - Steinbeck Av to 809' N/o Steinbeck Av  
Bryant Pl - Whitman St to 570' E/o Whitman St  
Carson Wy - Huston St to Crockett Ln  
Chase Av - Stevenson Ranch Py to Huston St  
Chisom Ln - Stevenson Ranch Py to Huston St  
Clarke St - Joyce Pl to Poe Py  
Coleridge Pl - Whitman St to 606' E/o Whitman St  
Crockett Ln - 795' S/o Huston St to Carson Wy  
Dickens Ct - Steinbeck Av to 712' N/o Steinbeck Av  
Dove Ln - 323' S/o Chase Av to Chase Av  
Doyle Ct - Franklin Ln to 495' N/o Franklin Ln  
Eliot Ct - Steinbeck Av to 263' N/o Steinbeck Av  
Emerson Ln - Steinbeck Av to 504' N/o Steinbeck Av  
Franklin Ln - Poe Py to 528' E/o Whitman St  
Gale Dr - Huston St to Oliver Wy  
Henley Wy - Huston St to 136' N/o Huston St  
Huston St - Stevenson Ranch Py to Oliver Wy  
Irving Ln - Keats Ln to Poe Py  
Joyce Pl - Clarke St to Poe Py  
Keats Ln - 272' S/o Irving Ln to Poe Py  
Lee Ct - Huston St to 151' E/o Huston St  
Oliver Wy - Gale Dr to 125' E/o Huston St  
O'Neill Cr - Franklin Ln to 114' E/o Franklin Ln  
Poe Py - Hemingway Av to Stevenson Ranch Py  
Steinbeck Av - Stevenson Ranch Py to The Old Road  
Verne Ct - Poe Py to 331' E/o Poe Py  
Walker Pl - Huston St to 142' N/o Huston St  
Wells Ct - 170' S/o Poe Py to Poe Py  
Whitman St - Poe Py to Franklin Ln  
Winslow Ct - Chase Av to 127' N/o Chase Av

**Stevenson Ranch Tract (Phase 3)**

Alcott Ct - 537' W/o Tennyson Ln to Tennyson Ln  
Baldwin Pl - Kavenagh Ln to 847' N/o Kavenagh Ln  
Barnett Ln - Faulkner Dr to 365' N/o Beckett Wy  
Bates Pl - Kavenagh Ln to 814' N/o Kavenagh Ln  
Beckett Wy - Barnett Ln to Bronte Ln  
Bronte Ln - Hemingway Av to 313' N/o Beckett Wy  
Burke Pl - Faulkner Dr to O'Casey Pl  
Burroughs Pl - Bronte Ln to 558' N/o Bronte Ln  
Carroll Ln - Faulkner Dr to 584' N/o Kavenagh Ln  
Chaucer Pl - Flemming Pl to Mallory Dr



**COUNTY TRANSPORTATION PROJECTS IN THE NORTH COUNTY  
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**Stevenson Ranch Tract (Phase 3) (Continued)**

Christie Ct - Faulkner Dr to 328' N/o Faulkner Dr  
Clifton Pl - Carroll Ln to 745' E/o Carroll Ln  
Faulkner Dr - Mallory Dr to Hemingway Av  
Flemming Pl - Grey Pl to Chaucer Pl  
Grey Pl - Flemming Pl to Tennyson Ln  
Hawes Pl - Singer Pl to Twain Ln  
Kipling Pl - 568' W/o Potter Pl to Carroll Ln  
Marlowe Ct - 352' W/o Tennyson Ln to Tennyson Ln  
Mitchell Pl - 574' W/o Potter Pl to Potter Pl  
O'Casey Pl - Burke Pl to Voltaire Pl  
O'Hara Ln - Kavenagh Ln to 484' N/o Stein Wy  
Peacock Pl - Mallory Dr to Potter Pl  
Poe Pkwy - 349' E/o Thoreau Wy to Hemingway Av  
Pope Pl - 529' S/o O'Casey Pl to O'Casey Pl  
Potter Pl - Kipling Pl to Peacock Pl  
Salinger Ln - Kavenagh Ln to 506' N/o Stein Wy  
Singer Pl - Kavenagh Ln to 320' N/o Hawes Wy  
Stein Wy - Salinger Ln to O'Hara Ln  
Tennyson Ln - Grey Pl to 612' N/o Wycott Wy  
Twain Pl - 610' S/o Kavenagh Ln to 746' N/o Hawes Wy  
Voltaire Pl - Faulkner Dr to O'Casey Pl  
Wycott Wy - Tennyson Ln to Mallory Dr

**Stevenson Ranch Tract (Phase 4)**

Beecher Ln - 253' W/o De Quincy Pl to Faulkner Dr  
Bowman Wy - Beecher Ln to Housman Pl  
Brooks Cr - Trent Wy to Poe Py (East)  
Brooks Cr - Poe Py (West) to Trent Wy  
Byron Wy - Shakespeare Ln to Brooks Cr  
Campbell Ct - 263' W/o De Quincy Pl to De Quincy Pl  
De Quincy Pl - Beecher Ln to 156' N/o Campbell Ct  
Defoe Wy - Wyatt Ln to Poe Py  
Durant Pl - 413' S/o Thackery Ln to Thackery Ln  
Forster Wy - Beecher Ln to Housman Pl  
Forsythe Wy - Beecher Ln to Faulkner Dr  
Hawthorne Pl - Beecher Ln to 632' N/o Beecher Ln  
Hood Wy - Beecher Ln to Faulkner Dr  
Hopkins Pl - Shakespeare Ln to 524' N/o Shakespeare Ln  
Housman Pl - 388' W/o Bowman Wy to 39' E/o Forster Wy  
Kendall Ln - 29' W/o Wallace Pl to Brooks Cr  
Lewis Wy - Beecher Ln to Faulkner Dr  
Mackenzie Wy - Hood Wy to Moore Ln  
Melville Ct - 182' S/o Thackery Ln to Thackery Ln  
Moore Ln - Beecher Ln to 63' N/o Mackenzie Wy  
Poe Py - 127' W/o Defoe Wy to Hemingway Av  
Raleigh Ln - 241' S/o Wyatt Ln to Wyatt Ln  
Reade Pl - Thoreau Wy to 548' E/o Thoreau Wy  
Sandburn Pl - 197' W/o Shakespeare Ln to Brooks Cr  
Shakespeare Ln - Sandburn Pl to 48' E/o Thoreau Wy  
Shelley Pl - Shakespeare Ln to 428' N/o Shakespeare Ln  
Sinclair Pl - 387' S/o Bowman Wy to Bowman Wy  
Thackery Ln - 198' W/o Trent Wy to Brooks Cr  
Thoreau Wy - Shakespeare Ln to Poe Py  
Thurber Wy - Beecher Ln to Faulkner Dr  
Trent Wy - Brooks Cr to Thackery Ln  
Wallace Pl - Kendall Ln to 463' N/o Kendall Ln  
Wyatt Ln - Kendall Ln to 234' N/o Raleigh Ln

June 26, 2023

### Vision Zero Los Angeles County Update

#### Traffic Fatality Statistics and Challenge Areas

Traffic Fatalities- County-maintained Roadways in Unincorporated Communities\*

	2019	2020	2021	2022	2023
Fatal Injuries NCTC area	24	28	42	36	15
Fatal Injuries Countywide (Unincorporated)	79	86	114	124	33

\* Data from Public Works Traffic Collision Database, accessed June 26, 2023

Challenge areas in the NCTC area since 2019:

- Fixed-object crashes:
- Head-on crashes:
- Midblock Pedestrian:
- Left-road crashes:

Public Works will be exploring ways to address the challenge areas through its Vision Zero Initiative.

#### Slow Streets Program

- PW launched a Slow Streets program under the umbrella of the Vision Zero Initiative on July 2, 2020, in response to the COVID-19 pandemic
- Constituents in local, residential neighborhoods may apply for PW to install, at no cost, corrugated plastic signs with “Slow Down” messaging on the centerline or in the parking lane at neighborhood entrances.
- Program guidelines and the application process were developed to promote traffic calming, help communities comply with social distancing requirements, and encourage physical activity in neighborhoods
- Installation totals as of June 22, 2023:
  - Countywide – 2,192 signs (853 new, 1,339 replacements) at 780 locations, estimated nearly 60,000 residents served \*\*
  - NCTC area – 73 signs (38 new, 35 replacements) at 28 locations in Desert View Highlands community, estimated over 2600 residents served \*\*

## **North County Transportation Coalition JPA Board Meeting – July 2023**

### **California Highway Patrol – Newhall Area**

#### **April - June 2022 Statistics**

Total Citations: 5,704

Citations over 100 mph: 100

Driving Under the Influence Arrests: 187

All Traffic Collisions: 643

Fatal Traffic Collisions: 8

Injury Traffic Collisions: 195

Property Damage Only Traffic Collisions: 404

#### **April - June 2023 Statistics**

Total Citations: 7,519

Citations over 100 mph: 125

Driving Under the Influence Arrests: 176

All Traffic Collisions: 655

Fatal Traffic Collisions: 4

Injury Traffic Collisions: 201

Property Damage Only Traffic Collisions: 410

Pending Traffic Collisions: 40

#### **2023 – 2022 2<sup>st</sup> Quarter Comparison**

**Citations: + 1,815**

**Citations of 100: +25**

**DUI Arrests: -11**

**Traffic Collisions: +12**

**Fatal Collisions: -4**

**Injury Collisions: +21**

**Property Damage Collision: +6**

# North County Transportation Coalition JPA Board Meeting

July 17, 2023

California Highway Patrol – Antelope Valley Area

## April – June 2023

Total Citations: 3,014  
Citations over 100 mph: 55  
Driving Under the Influence arrests: 184  
All traffic crashes: 441  
Fatal traffic crashes: 11  
Injury traffic crashes: 216  
Property damage only traffic crashes: 225  
Commercial vehicle traffic crashes: 24 (14 injury/1 fatal)

## April – June 2022

Total Citations: 2,326  
Citations over 100 mph: 74  
Driving Under the Influence arrests: 184  
All traffic crashes: 484  
Fatal traffic crashes: 11  
Injury traffic crashes: 80  
Property damage only traffic crashes: 283  
Commercial vehicle traffic crashes: 25 (8 injury/0 fatal)

## 2<sup>nd</sup> Quarter 2022 – 2023 Comparison

Citations: +688  
Citations over 100 mph: -19  
Driving Under the Influence arrests: +0  
Traffic crashes: -43  
Fatal traffic crashes: +0  
Injury traffic crashes: +136  
Property damage only traffic crashes: -58  
Commercial vehicle traffic crashes: -1 (+6 injury/-1 fatal)

**NORTH COUNTY TRANSPORTATION COALITION**

1st QUARTER 2023 BOARD REPORT UPDATE

LANCASTER SHERIFF'S STATION

**LANCASTER TRAFFIC ANALYSIS REPORT, PRIOR YEAR COMPARISON**

Statistical reporting dates of January 1, 2023, to March 31, 2023, as of 06/30/23. Due to the number of late reports, the crash statistics may change significantly.

	<b>2022</b>	<b>2023</b>	<b>% CHANGE</b>
TOTAL CRASHES	591	515	-13%
FATAL CRASHES	5	2	-60%
INJURY CRASHES	243	212	-13%
NON-INJURY CRASHES	343	301	-12%
DUI CRASHES	46	26	-43%
DUI ARRESTS	146	132	-10%
TOTAL CITATIONS	1630	1512	-7%
HAZARDOUS CITATIONS	1436	1333	-7%
ENFORCEMENT INDEX*	5.8	6.2	7%

\*The traffic enforcement index is the ratio of hazardous citations + DUI arrests to fatal + injury collisions. The recommended ratio of an effective traffic program is 20:1.

# NORTH COUNTY TRANSPORTATION COALITION

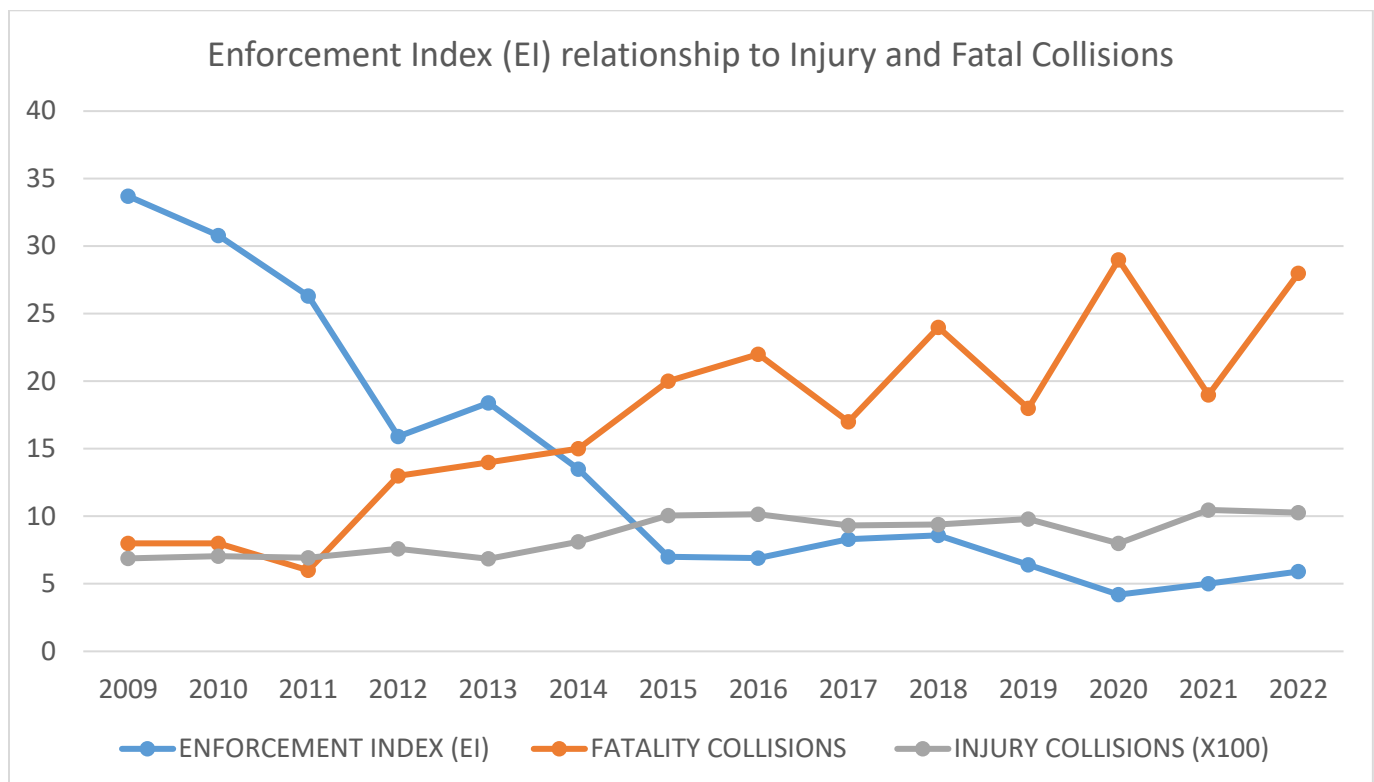
## 1st QUARTER 2023 BOARD REPORT UPDATE

### LANCASTER SHERIFF'S STATION

#### LANCASTER TRAFFIC ANALYSIS REPORT, YEAR BY YEAR

The Traffic Analysis Report is obtained through Crossroads data. The traffic enforcement index (EI) is a ratio of hazardous citations and DUI arrests to fatal and injury collisions. The generally accepted ratio of an effective traffic safety program is 20:1 respectively.

YEAR	INJURY COLLISIONS	FATALITY COLLISIONS	HAZARDOUS CITATIONS	ENFORCEMENT INDEX (EI)
2009	688	8	23468	33.7
2010	706	8	21973	30.8
2011	693	6	20212	26.3
2012	760	13	12287	15.9
2013	685	14	12875	18.4
2014	812	15	11081	13.5
2015	1006	20	7178	7.0
2016	1016	22	7214	6.9
2017	933	17	7924	8.3
2018	940	24	8316	8.6
2019	979	18	6340	6.4
2020	799	29	3501	4.2
2021	1047	19	5274	5.0
2022	1026	28	6193	5.9



# NORTH COUNTY TRANSPORTATION COALITION

## 2023 2<sup>nd</sup> QUARTER BOARD REPORT UPDATE PALMDALE SHERIFF'S STATION

### January – June Statistics

	<b>2022</b>	<b>2023</b>	<b>% CHANGE</b>
TOTAL COLLISIONS	822	816	-1%
FATAL COLLISIONS	7	8	+14%
INJURY COLLISIONS	287	296	+3%
NON-INJURY COLLISIONS	528	512	-3%
DUI COLLISIONS	51	39	-24%
DUI ARRESTS	166	160	-4%
TOTAL CITATIONS	5151	4788	-7%
HAZARDOUS CITATIONS	4277	3900	-9%
ENFORCEMENT INDEX*	15.1:1	13.3:1	-12%

\*The traffic enforcement index is the ratio of hazardous citations and DUI arrests to fatal and injury collisions. The recommended ratio of an effective traffic program is 20:1.

Traffic collision numbers this year have closely followed those of last year, with some months being slightly up and others being slightly lower. Fatal collisions have increased significantly as we have entered the summer months. Speed continues to be a major factor in making those collisions fatal as opposed to just injury collisions. Enforcement is also down which has caused the enforcement index to decrease.

# North County Transportation Coalition JPA Board meeting

July 11, 2022

## Santa Clarita Valley Sheriff's Station=

### Jan-Jun 2022

Total Citations= 9267 (Motor team 8478, remainder of patrol station 789) (Commercial Enforcement car suspended January through March, Item reallocated to special team).

Citations over 100 MPH= 2

Driving under the influence arrests= 84 (DUI Enforcement car suspended January through March 2022)

All traffic collisions= 761

Fatal traffic collisions= 1 (Private property)

Injury collisions= 247 (Estimated, not all reports are processed)

Property damage only collisions= 513

### Jan-Jun 2023

Total Citations= 6261 (Motor team 5498, remainder of patrol station 763) (Commercial Enforcement car suspended January through March, Item reallocated to special team).

Citations over 100 MPH= 1

Driving under the influence arrests= 85 (DUI Enforcement car suspended January through June 2023)

All traffic collisions= 818

Fatal traffic collisions= 1

Injury collisions= 244 (Estimated, not all reports are processed)

Property damage only collisions= 573

### 2022-2023 January through June comparison

Citations= -3006

Citations over 100 MPH= -1

DUI arrests= +1

Total collisions= +57

Fatal collisions= Equal

Injury collisions= -3

Property damage only collisions= +60





# CALTRANS PROJECTS ON ROUTES 14 AND 138 IN LOS ANGELES AND SAN BERNARDINO COUNTIES

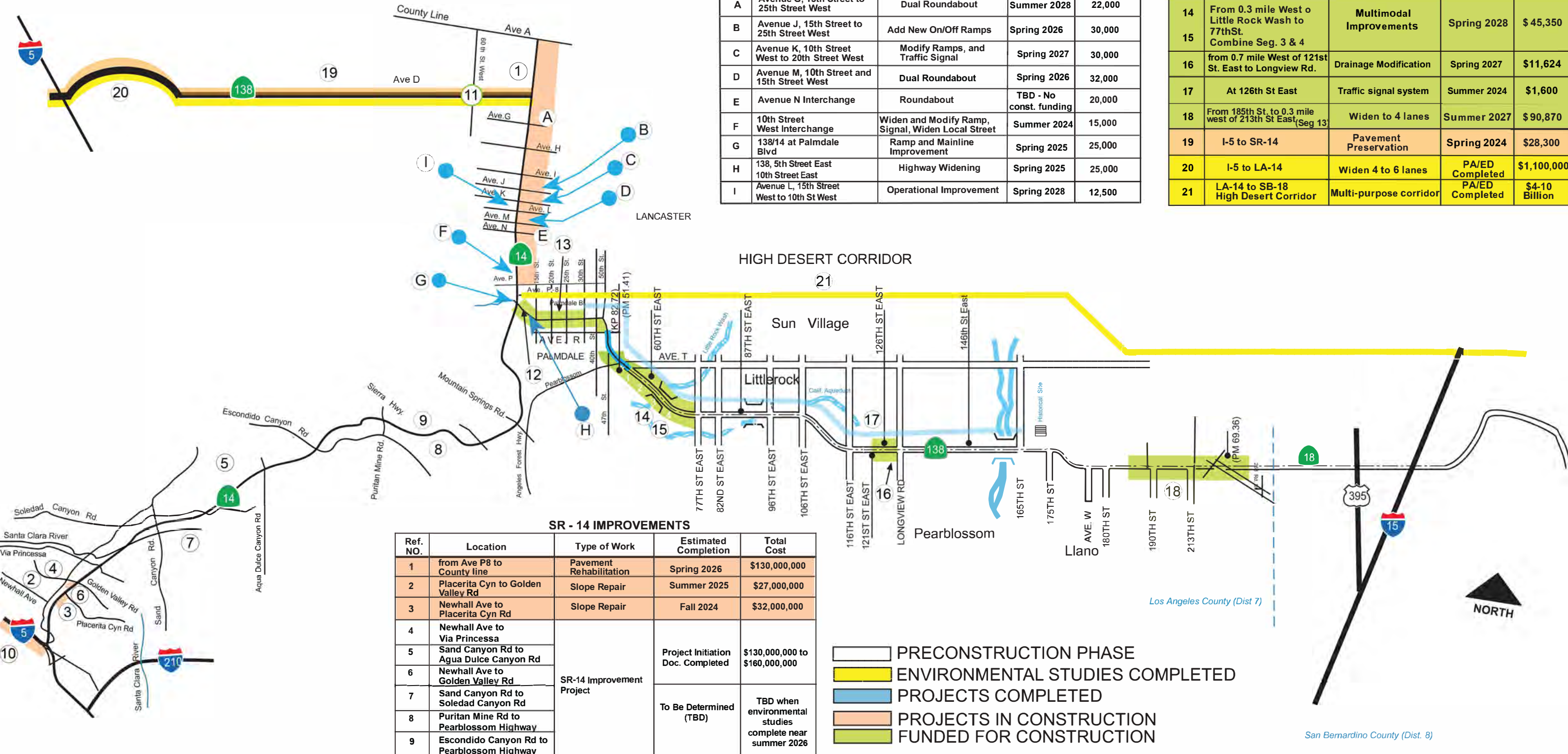
## SR - 138 IMPROVEMENTS

Ref. NO.	Location	Type of Work	Estimated Completion	Total Cost \$ x 1000
11	At 60th St West	Roundabout	Fall 2026	\$13,234
12	At 2nd St East	Traffic signal system	Summer 2024	\$4,000
13	LA-138 from 138/14 Junction to Ave T	ADA compliance	Spring 2026	\$20,000
14	From 0.3 mile West o Little Rock Wash to 77th St.	Multimodal Improvements	Spring 2028	\$45,350
15	Combine Seg. 3 & 4			
16	from 0.7 mile West of 121st St. East to Longview Rd.	Drainage Modification	Spring 2027	\$11,624
17	At 126th St East	Traffic signal system	Summer 2024	\$1,600
18	From 185th St. to 0.3 mile west of 213th St East (Seg 13)	Widen to 4 lanes	Summer 2027	\$90,870
19	I-5 to SR-14	Pavement Preservation	Spring 2024	\$28,300
20	I-5 to LA-14	Widen 4 to 6 lanes	PA/ED Completed	\$1,100,000
21	LA-14 to SB-18 High Desert Corridor	Multi-purpose corridor	PA/ED Completed	\$4-10 Billion

## LOCAL AGENCY

Ref. NO.	Location	Type of Work	Estimated Completion	Total Cost \$ x 1000
A	Avenue G, 15th Street to 25th Street West	Dual Roundabout	Summer 2028	22,000
B	Avenue J, 15th Street to 25th Street West	Add New On/Off Ramps	Spring 2026	30,000
C	Avenue K, 10th Street West to 20th Street West	Modify Ramps, and Traffic Signal	Spring 2027	30,000
D	Avenue M, 10th Street and 15th Street West	Dual Roundabout	Spring 2026	32,000
E	Avenue N Interchange	Roundabout	TBD - No const. funding	20,000
F	10th Street West Interchange	Widen and Modify Ramp, Signal, Widen Local Street	Summer 2024	15,000
G	138/14 at Palmdale Blvd	Ramp and Mainline Improvement	Spring 2025	25,000
H	138, 5th Street East to 10th Street East	Highway Widening	Spring 2025	25,000
I	Avenue L, 15th Street West to 10th St West	Operational Improvement	Spring 2028	12,500

## NCTC July 17, 2023 Board Report 8 - Caltrans Projects Updates



### SR - 14 IMPROVEMENTS

Ref. NO.	Location	Type of Work	Estimated Completion	Total Cost
1	from Ave P8 to County line	Pavement Rehabilitation	Spring 2026	\$130,000,000
2	Placerita Cyn to Golden Valley Rd	Slope Repair	Summer 2025	\$27,000,000
3	Newhall Ave to Placerita Cyn Rd	Slope Repair	Fall 2024	\$32,000,000
4	Newhall Ave to Via Princessa	SR-14 Improvement Project	Project Initiation Doc. Completed	\$130,000,000 to \$160,000,000
5	Sand Canyon Rd to Agua Dulce Canyon Rd			
6	Newhall Ave to Golden Valley Rd			
7	Sand Canyon Rd to Soledad Canyon Rd			
8	Puritan Mine Rd to Pearblossom Highway			
9	Escondido Canyon Rd to Pearblossom Highway			

### I-5 IMPROVEMENTS

Ref. NO.	Location	Type of Work	Estimated Completion	Total Cost \$ X 1000
10	SR-14 to Parker Rd	HOV lane and Truck Lane	Spring 2027	\$560,000

NOT TO SCALE

San Bernardino County (Dist. 8)



# Caltrans Updates

on I-5 HOV and Truck Lanes Oversight Project,  
SR-14 Improvement Project,  
and SR-138 Segment 13 Project, Pearblossom Project and Roundabout  
Project

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OSAMA MEGALLA / JANE YU



# STATE ROUTE 14 - #4, 5, 6

---

## SR-14 Improvement project:

- Project Initiation Document: August 11, 2021 (Actual Date)
- 3 out of 6 locations were considered: Two segments in the southbound direction and one segment in northbound direction. The other 3 locations (#7, 8, 9) may be considered
- Begin Project Approval & Environmental Document (PA&ED): Spring/Summer 2023\*
- Finish PA&ED: Summer 2026\*

\*Target dates to be confirmed with Metro



# INTERSTATE 5 - #10

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## Construct High Occupancy Vehicle Lanes and Truck Lanes Oversight Project:

- From SR-14 to Parker Road
- Ready To List (RTL): April 8, 2020 (Actual Date)
- Approve Contract: August 23, 2021 (Actual Date)
- Contract Acceptance: December 18, 2026\* (Target Date)

\*Target dates to be confirmed with Metro



# STATE ROUTE 138 - #11

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## Roundabout Project:

- At 60th Street West
- Begin PA&ED: June 30, 2020 (Actual Date)
- Finish PA&ED: April 20, 2022 (Actual Date)
- Begin Design: February 3, 2022 (Actual Date)
- Percent Completed: 55%
- Finish Design and RTL: March 15, 2024 (Target Date)



# STATE ROUTE 138 - #16

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## Pearblossom Drainage Modification Project:

- From 0.7 miles west of 121st Street to Longview Road
- Begin PA&ED: June 1, 2022 (Actual Date)
- Finish PA&ED: April 24, 2023 (Actual Date)
- Begin Design: May 8, 2023 (Actual Date)
- Percent Completed: 5%
- Finish Design and RTL: March 25, 2025 (Target Date)



# STATE ROUTE 138 - #18

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## Segment 13 Project:

- From 0.4 mile west of 190<sup>th</sup> Street East to State Route 18 Junction
- Begin Design: May 10, 2019 (Actual Date)
- Percent Completed: 95%
- Finish Design and RTL: August 24, 2023 (Target Date)



# State Route 14 Safety Improvements



North Los Angeles County  
Transportation Coalition  
July 17, 2023





# Project Status



## Procurement Process

- Metro On-Call Bench
- Project Evaluation Team
- Evaluation Process (Six Segments)
- Highest qualified team identified
- Negotiations



# Project Status



## Schedule

- Solicitation – January
- Proposal period – February
- Selection/Interviews – March/April
- Negotiations/NTP – July





**METROLINK**

**NCTC JPA July 17, 2023 Board Report 10  
Metrolink North County Update**

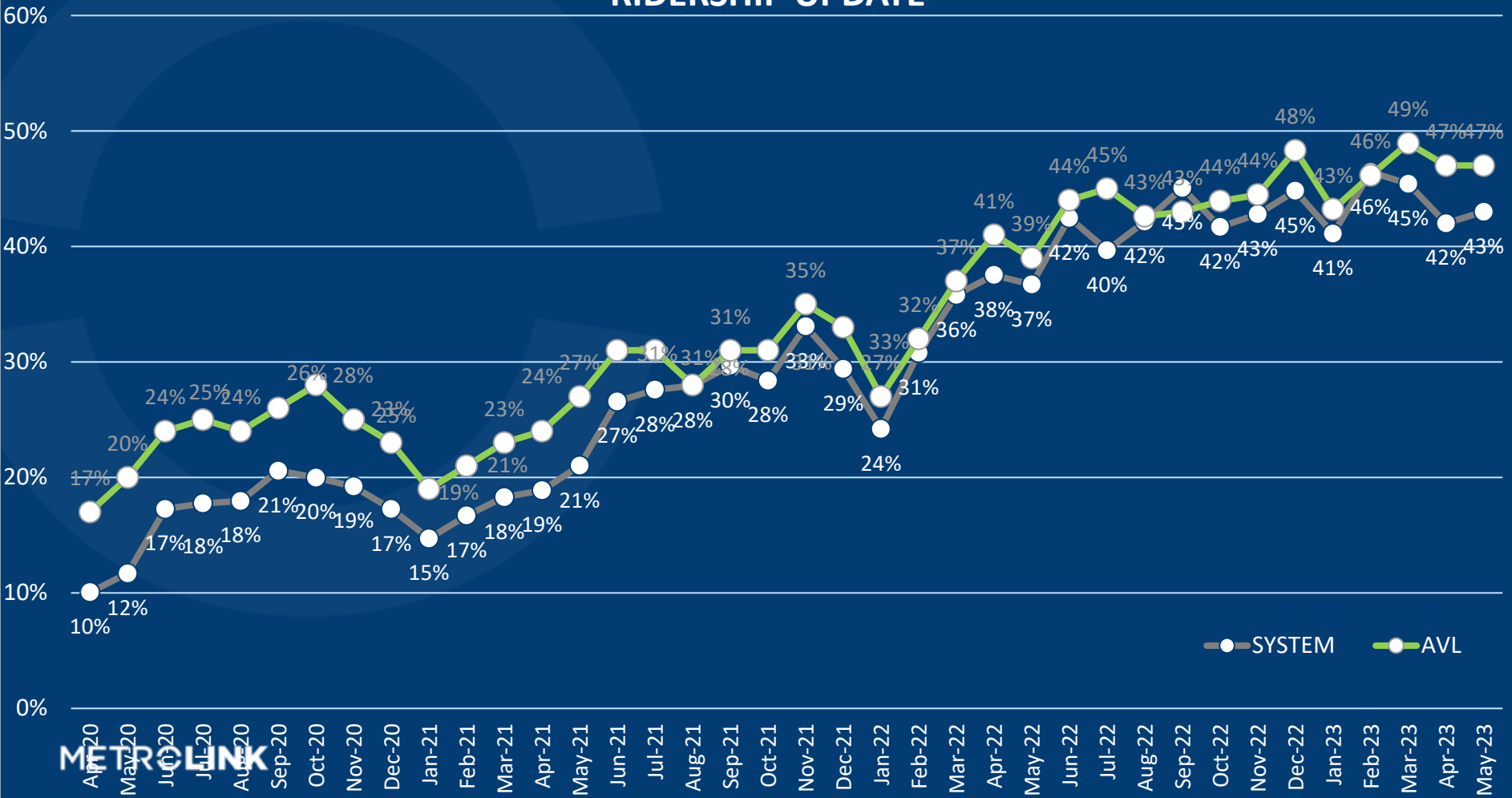
North Los Angeles County  
Transportation Coalition (NCTC)

*Board of Directors Meeting  
July 17, 2023*





# RIDERSHIP UPDATE



METROLINK

Source: Conductor counts

# Antelope Valley Line Service

- Director Barger's direction at the May Board of Directors Meeting to look at improved Antelope Valley Line service
- In response, identifying future opportunities that may include:
  - Additional Service
    - Evening and improved frequency between Lancaster/Santa Clarita - Union Station
  - Timed Connections
    - Union Station and with local operators



# \$15 Summer Day Pass and Kids Ride Free on Weekends

**TRY OUR \$15  SUMMER DAY PASS**  
THE MORE YOU RIDE, THE MORE YOU SAVE



PRUEBE NUESTRO  
**PASE DIARIO  DE VERANO DE \$15**  
MIENTRAS MÁS VIAJE, MÁS AHORRARÁ



**KIDS RIDE FREE ON WEEKENDS**  
UP TO THREE CHILDREN WITH A PAYING ADULT 





# Low-Income Fare Discount Program



METROLINK

**SAVE NOW WITH LOW-INCOME FARES**  
Use your EBT card to qualify for **50% OFF** any Metrolink Ticket.

A close-up photograph of a hand holding an EBT Advantage card. The card is blue and white with a landscape image and the text 'EBT Advantage' and the number '77 3903 3668 7967'. The card is being held near a fare machine with 'COINS' and 'CREDIT DEBIT' signs visible in the background.

**SAVE NOW WITH LOW-INCOME FARES**  
Use your EBT card to qualify for **50% OFF** any Metrolink Ticket.

A photograph of a Metrolink train at a station. The train is white with blue accents and has 'METROLINK' written on its side. There are pink cherry blossoms in the foreground and traffic lights above the train. A blue circular graphic is overlaid on the image.



Clean Air Day  
October 4

**METROLINK**



# Antelope Valley Line Maintenance: June 16 - 19

- Railroad Crossing Improvements: Roxford and Polk Street Railroad Crossings in Sylmar
  - Replaced 107 railroad ties and surfaced 160 ft. of track
- Additional Improvements: Tent. August 4-7
  - Removal of grade crossing panels
  - Replacement of track fasteners
  - Resurfacing of railroad track
  - Pouring new asphalt
  - Installing roadway striping and reflectors



# Metrolink Fuel Efficiency Program Next Steps



Phase 1: Develop  
Emissions  
Reduction  
Implementation  
Plan



Phase 2: Launch  
and Monitor  
Pilot



Phase 3:  
Emission  
Reduction  
Program  
Implementation

# Fuel Efficiency Program Concepts



## Test 1

Software based fuel efficiency/energy management system solution

## Test 2

Event recorder analysis and train engineer coaching

## Test 3

Test of operational adjustment such as limiting access to 1-2 cars on each train during the midday when ridership is lower to reduce energy draw.

## Test 4

Test real-time remote monitoring system for idling alerts and performance monitoring of fuel efficiency program

# Antelope Valley Line (AVL) Zero Emission Pilot - Next Steps



## Current Phase

Development of  
Zero Emissions  
Technical Analysis



## Next Step

Develop an  
implementation plan  
to assess operation  
of rail multiple units  
on the AVL



## Next Step

Explore applying AVL  
funding toward  
hosting a  
Caltrans/CalSTA  
demonstration

# Antelope Valley Line Capacity and Service Improvements Program

- Balboa Double Track Extension
- Canyon Siding Extension
- Lancaster Terminal Improvements
- Brighton to McGinley Double Track (led by Metro)

## Project Benefits

- Enable 30-minute bi-directional passenger rail service between LAUS and Santa Clarita Valley
- 60-minute bi-directional service between LAUS and Lancaster Station and infrastructure improvements:



# Status and Timeline

Project	Status	Timeline
Metrolink Project		
Balboa Double Track Extension	Commenced Preliminary Design	Spring 2023 – Design Commenced Fall 2024 – Complete Final Design
Canyon Siding Extension	Commenced Preliminary Design City of Santa Clarita Meeting: June 27	Summer 2025 – Complete ROW Acquisitions Spring 2026 – Begin Construction
Lancaster Terminal Improvements	Commenced Preliminary Design City of Lancaster Meeting: May 30	Fall 2027 – Complete Construction Fall 2027 – Open For Service
LA Metro Project		
Brighton To McGinley Double Track	Preparing Draft 100% Design Submittal	Summer 2024 – Complete Final Design Spring 2025 – Complete ROW Acquisitions Fall 2025 – Begin Construction Summer 2027 – Complete Construction Summer 2027 – Complete Construction



# Antelope Valley Line (AVL) Projects Funding

Project	Funding Secured (\$M)	Estimate at Completion (\$M)	Shortfall (\$M)
Balboa Double Track Extension (Metrolink Led)	\$46.6	\$104.5	\$57.9
Canyon Siding Extension (Metrolink Led)	\$59.6	\$101.6	\$42
Lancaster Terminal Improvements (Metrolink Led)	\$31.3	\$96.8	\$65.5
Brighton to McGinley (Metro Led)	\$73.3	\$73.3	\$0
Multiple Unit Pilot Program (Transitioning to Metrolink)	\$10	\$10 (TBD)	(TBD)
<b>TOTAL</b>	<b>\$220.8</b>	<b>\$386.2</b>	<b>\$165.4</b>



**METROLINK**

Thank you.

For questions contact us at:

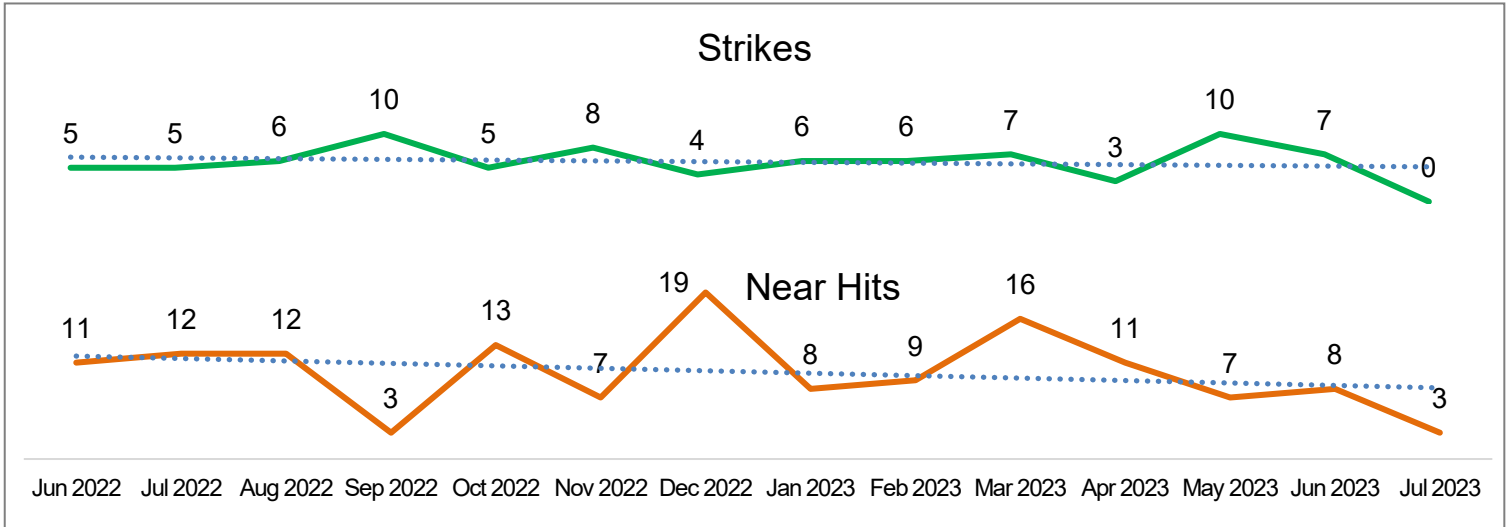
[DavisA@scrra.net](mailto:DavisA@scrra.net)

[FloresJ@scrra.net](mailto:FloresJ@scrra.net)

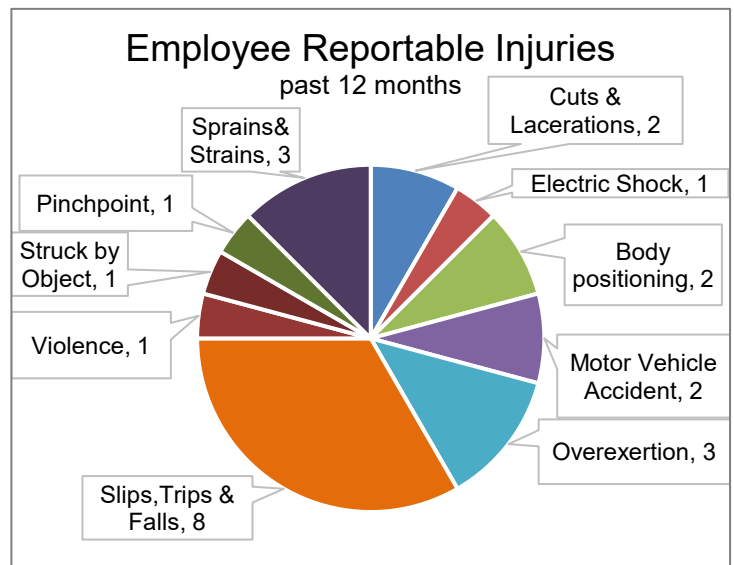
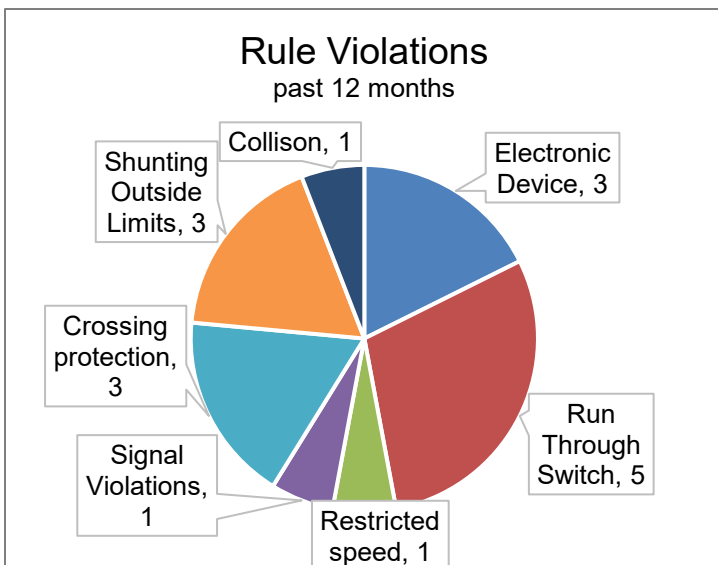
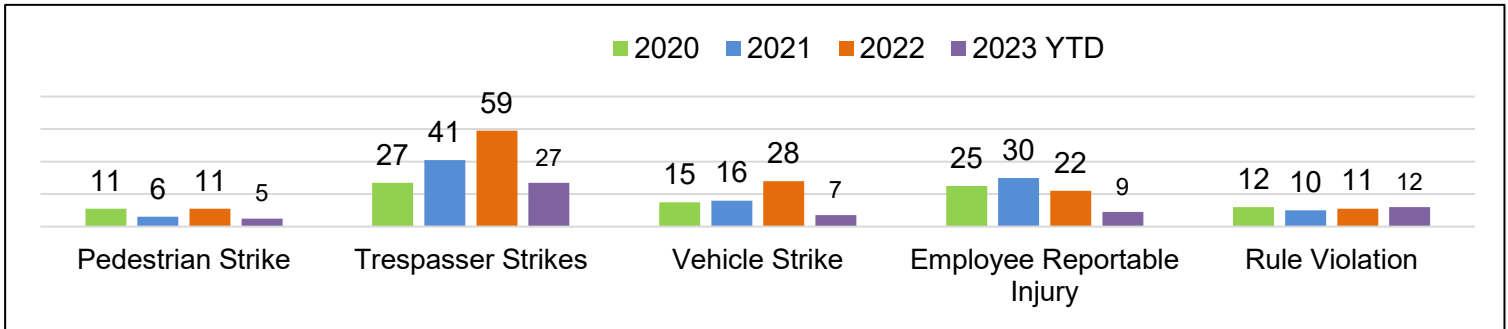


## System Safety, Security & Compliance Hot Sheet

### 1 YEAR LOOK BACK – SAFETY INCIDENTS



### 2020 – 2022 YEAR TO YEAR COMPARISON

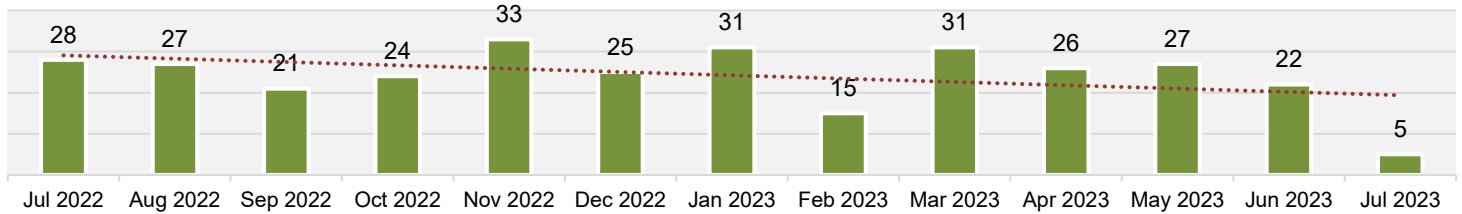


## Report Trespassers to the SOC: 1-866-640-5190

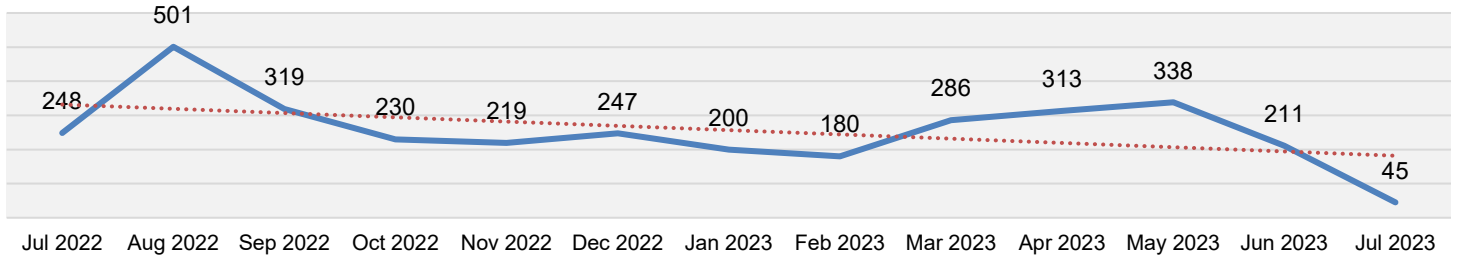
### 1 YEAR LOOK BACK - ROW TRESPASSING CRIMES AND LASD DEPUTY ACTIVITY

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
Trespassing Crimes	76	88	56	44	27	74	75	117	111	111	128	100	118
Trespass/Homeless Contacts	65	79	54	40	12	70	78	116	89	104	103	90	111
Trespassing Verbal Warnings	0	0	0	0	0	0	0	0	0	0	0	0	0
Trespass Written Warnings	4	8	13	5	4	5	9	12	3	2	2	0	2
Trespassing Arrests	61	71	41	40	15	70	69	116	88	102	103	90	109
Cleanup Support	10	7	0	10	17	7	18	9	6	19	11	15	23

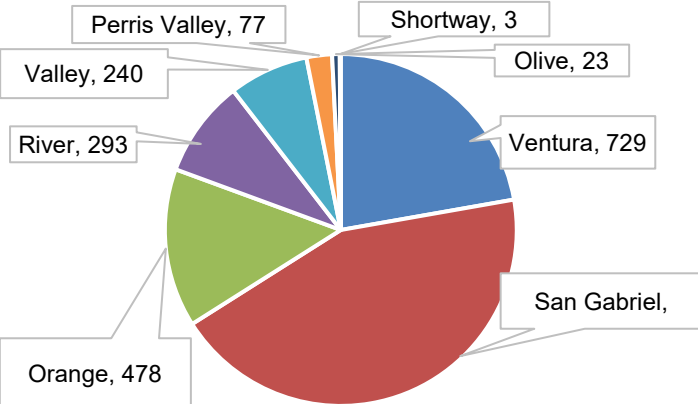
### Reports of Encampments on ROW - Past 12 Months



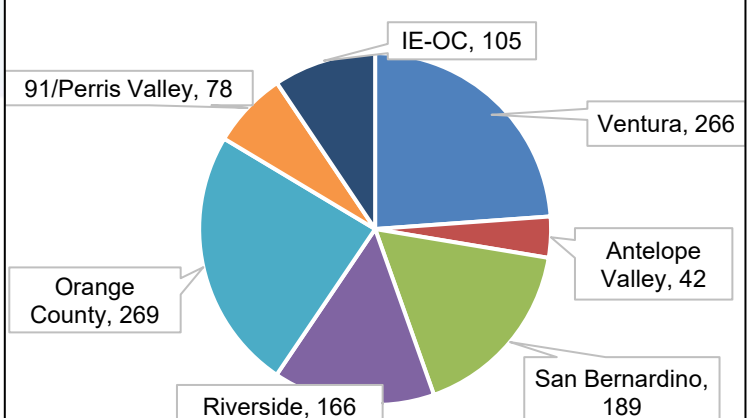
### Reports of Trespassers on ROW - Past 12 Months (3337)

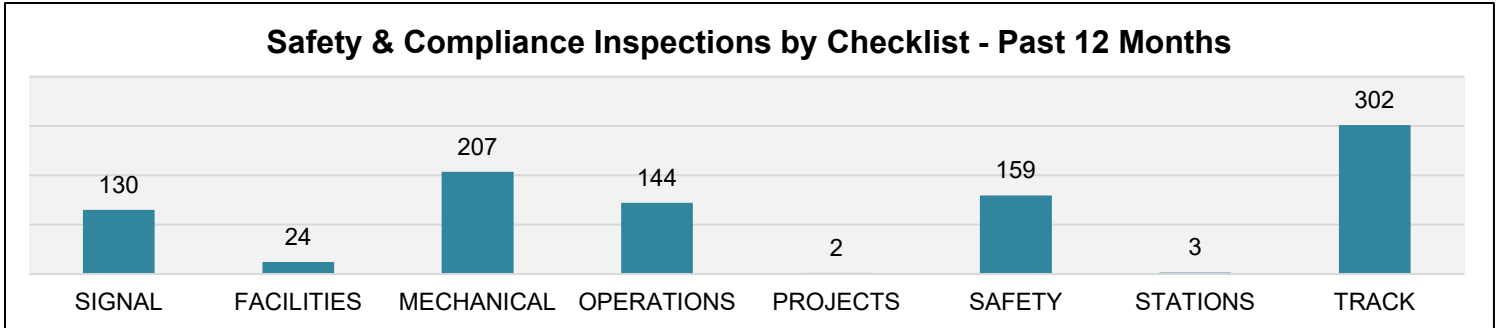


### Past 12 Months - Reports of Trespassers on Metrolink Subdivisions (3337)

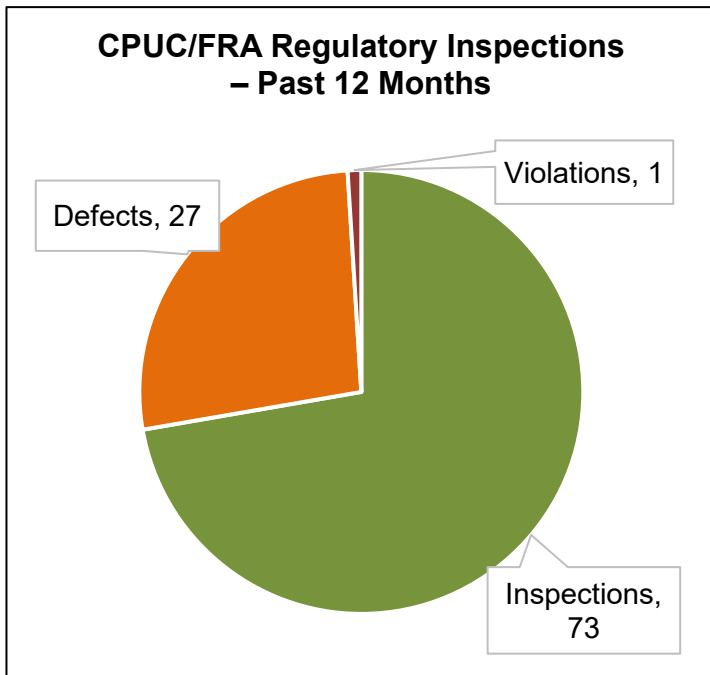
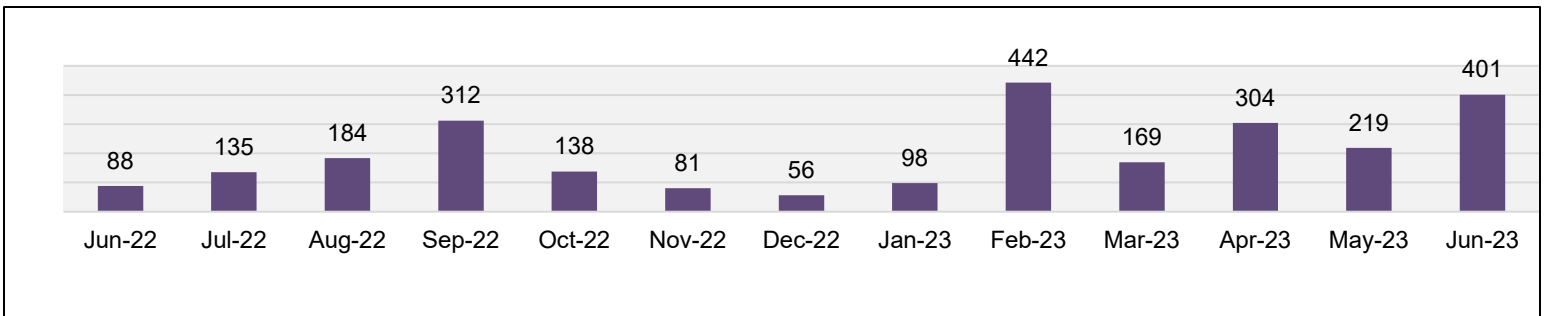


### Past 12 Months - Arrests by Metrolink Line





### Safety Training Provided for Employees, Contractors & First Responders Past 12 Months – by # of Participants



Risk Register Items	
Issue	Date Added
Fence is cut down at Oleander Ave, San Gabriel Sub	8/17/2022



**2023 Q3 Workplace Safety Campaign**  
**August 21 – 26, 2023**



METROLINK

# May 2023 Crime Stat and Key Performance Index Report



*Los Angeles County*  
**Sheriff's Department**  
*Metrolink Bureau*



# SYSTEM WIDE STATS

## MONTHLY UPDATE ON METROLINK BUREAU PERFORMANCE

### CRIMES TO DATE FISCAL YEAR 21-22 vs 22-23

REPORTED CRIME	Ventura		Antelope Valley		San Bernardino		Riverside		Orange County		91		IEOC		Total Crimes	
	FY 21-22	FY 22-23	FY 21-22	FY 22-23	FY 21-22	FY 22-23	FY 21-22	FY 22-23	FY 21-22	FY 22-23	FY 21-22	FY 22-23	FY 21-22	FY 22-23	FY 21-22	FY 22-23
<b>CRIMES AGAINST PERSONS</b>																
Homicide																
Rape																
Robbery				1									1		2	
Aggravated Assault				1	2	2	1	1	1						4	4
Aggravated Assault on Operator																
Battery			1		1			1	1						3	1
Battery Rail Operator			1	1	2	2		1							3	4
Sex Offenses				1	3	1									3	2
<b>SUB-TOTAL</b>			<b>2</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>2</b>				<b>1</b>	<b>13</b>	<b>13</b>	
<b>CRIMES AGAINST PROPERTY</b>																
Burglary																
Larceny	1	1	2	2	6	6				1		1		10	10	
Bike Theft			1							1	1	1		2	2	
Throw Object at Train							1							1		
Arson																
Vandalism			1	2	2	1	1		1				1	5	4	
<b>SUB-TOTAL</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>2</b>		<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>18</b>	<b>16</b>	
<b>CRIMES AGAINST SOCIETY</b>																
Weapons			1												1	
Narcotics			2		1										3	
Trespassing	138	231	60	38	208	149	217	114	283	241	21	78	186	91	1113	942
<b>SUB-TOTAL</b>	<b>138</b>	<b>231</b>	<b>63</b>	<b>38</b>	<b>209</b>	<b>149</b>	<b>217</b>	<b>114</b>	<b>283</b>	<b>241</b>	<b>21</b>	<b>78</b>	<b>186</b>	<b>91</b>	<b>1,117</b>	<b>942</b>
Other Crimes	1	1	9	2	3	4	1		1			1		1	15	9
<b>TOTAL</b>	<b>140</b>	<b>233</b>	<b>78</b>	<b>48</b>	<b>228</b>	<b>165</b>	<b>221</b>	<b>117</b>	<b>287</b>	<b>243</b>	<b>22</b>	<b>80</b>	<b>187</b>	<b>94</b>	<b>1,163</b>	<b>980</b>

# SYSTEM WIDE KPI STATS

## MONTHLY KPI UPDATE ON METROLINK BUREAU PERFORMANCE

FARE EVASION CITATIONS		
FISCAL YEAR	FY 22-23	
Current Month/FYTD	MAY	FYTD
Total Citations	2	139

JOINT GRADE CROSSING OPERATIONS		
FISCAL YEAR	FY 22-23	
Current Month/FYTD	MAY	FYTD
Total Operations	0	17
Total Citations	0	67

FARE ENFORCEMENT ACTIVITY		
FISCAL YEAR	FY 22-23	
Current Month/FYTD	MAY	FYTD
Street Car Detail	40	199
VIPR Operation	3	13
Platform Fare Enforcement	516	6,126
Train Rides (Monthly Goal 45)	208	1,125

CALLS FOR SERVICE		
FISCAL YEAR	FY 22-23	
Current Month/FYTD	MAY	FYTD
Routine	151	1,503
Priority	42	512
Emergency	1	5

ROW ENFORCEMENT DEPUTY ACTIVITY		
FISCAL YEAR	FY 22-23	
	MAY	FYTD
Industry Safe Incident Responses	0	0
Trespass/Homeless Contacts	111	854
Trespassing Verbal Warnings	0	0
Trespass Written Warnings	2	57
Trespassing Arrests	109	846
Cleanup Support	23	131

GRADE CROSSING DETAILS		
FISCAL YEAR	FY 22-23	
Monthly Goal 85 Details	MAY	FYTD
Total Details	322	2,523
Total Citations	60	862

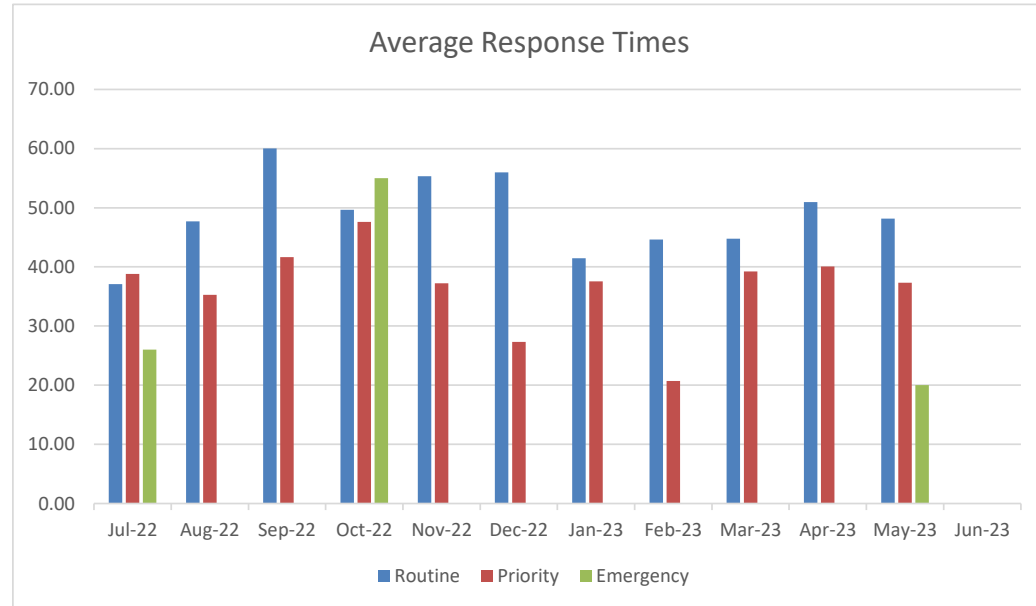
ROW ENFORCMENT DETAILS & MINUTES		
FISCAL YEAR	FY 22-23	
Monthly Goal 1485 Hours	MAY	FYTD
Details In LA County	777	8779
Details Outside LA County	171	1514
Minutes In L.A. County	58,942	648,946
Minutes Outside L.A. County	14,765	142,684
Hours spent on ROW Enf.	1228.5	13193.8

# SYSTEM WIDE STATS

## MONTHLY UPDATE ON METROLINK BUREAU PERFORMANCE

Response Times			
Month	Routine	Priority	Emergency
Jul-22	37.10	38.80	26.00
Aug-22	47.69	35.29	0.00
Sep-22	60.01	41.63	0.00
Oct-22	49.66	47.59	55.00
Nov-22	55.34	37.25	0.00
Dec-22	55.99	27.34	0.00
Jan-23	41.45	37.57	0.00
Feb-23	44.61	20.73	0.00
Mar-23	44.76	39.21	0.00
Apr-23	50.96	40.05	0.00
May-23	48.14	37.31	20.00
Jun-23			

Times are an average for the month



# ANTELOPE VALLEY LINE

## MONTHLY UPDATE ON METROLINK BUREAU PERFORMANCE - MAY 2023

REPORTED CRIME		
CRIMES AGAINST PERSONS	MAY	FYTD
Homicide		
Rape		
Robbery	1	1
Aggravated Assault		1
Aggravated Assault on Operator		
Battery		
Battery Rail Operator		1
Sex Offenses		1
<b>SUB-TOTAL</b>	<b>1</b>	<b>4</b>
CRIMES AGAINST PROPERTY	MAY	FYTD
Burglary		
Larceny	1	2
Bike Theft		
Throw Object at Train		
Arson		
Vandalism		2
<b>SUB-TOTAL</b>	<b>1</b>	<b>4</b>
CRIMES AGAINST SOCIETY	MAY	FYTD
Weapons		
Narcotics		
Trespassing	2	38
<b>SUB-TOTAL</b>	<b>2</b>	<b>38</b>
Other Crimes		2
<b>TOTAL</b>	<b>4</b>	<b>48</b>

FARE ENFORCMENT ACTIVITY		
	MAY	FYTD
Street Car Detail	2	67
VIPR Operation	1	5
Platform Fare Enforcement	241	2883
Train Rides	69	472

ROW ENFORCEMENT DETAILS		
Total Details	MAY	FYTD
In LA County	332	4,475
Outside LA County (N/A)		
Minutes spent on ROW	28,325	330,154

ROW ENFORCEMENT DEPUTY ACTIVITY		
	MAY	FYTD
Industry Safe Incident Responses	0	0
Trespass/Homeless Contacts	2	25
Trespassing Verbal Warnings	0	0
Trespass Written Warnings	0	27
Trespassing Arrests	2	19
Cleanup Support	5	29

JOINT GRADE CROSSING OPERATIONS		
	MAY	FYTD
Total Operations	0	2
Citations	0	20

ARRESTS	MAY	FYTD
Felony	1	1
Misdemeanor	2	41
<b>TOTAL</b>	<b>3</b>	<b>42</b>

CITATIONS	MAY	FYTD
Fare Evasion	2	75
Vehicle Code Citations	32	287
<b>TOTAL</b>	<b>34</b>	<b>362</b>

TRAIN STRIKES	MAY	FYTD
Pedestrian Fatal	2	3
Pedestrian Non-Fatal	0	2
Veh/Bike/Other Fatal	0	0
Veh/Bike/Other Non-Fatal	0	4
<b>TOTAL</b>	<b>2</b>	<b>9</b>

GRADE CROSSING DETAILS		
LOCATION	DETAILS	CITES
13th St, Newhall	16	3
Arrow Hwy, La Verne	1	0
Arvilla Av, Sun Valley	1	0
Ave R, Palmdale	3	0
Balboa Bl, Northridge	1	0
Branford St, Pacoima	2	0
Citrus Av, Covina	1	0
Doran St, Glendale	1	0
Drayton St, Santa Clarita	8	1
Golden Oak Rd, Santa Clarita	12	9
Lancaster Bl, Lancaster	1	0
Lassen St, Chatsowrth	1	0
Maclay Av, San Fernando	1	0
Main St, Los Angeles	1	0
Market St, Newhall	3	2
Market St, Santa Clarita	2	0
Newhall Av, Newhall	6	0
Oak Ridge Dr, Santa Clarita	5	0
Osborne St, Pacoima	1	1
Roxford St, Sylmar	9	0
San Fernando Rd, Glendale	4	0
Sierra Hwy, Newhall	2	0
Sunland Bl, Sun Valley	11	5
Technology Rd, Palmdale	1	0
Whites Canyon Rd, Santa Clarita	35	9
Winnetka Av, Chatsworth	1	1
<b>TOTAL</b>	<b>130</b>	<b>31</b>

## ANTELOPE VALLEY LINE

### Crime Report Details, Operations and Special Events - MAY 2023

**Petty Theft, 484(a) PC:** On May 9, 2023, a female adult (victim) fell asleep on board an unknown Metrolink train north bound from Santa Clarita. When the train arrived at Acton she awoke and discovered someone had stolen her duffel bag that contained miscellaneous personal items. A crime report was taken.

**Robbery, 211 PC:** On May 19, 2023, a male black adult (suspect) was on Metrolink train #213 when he stole a cell phone from a female passenger (victim). When the victim attempted to retrieve her cell phone from the suspect, a physical confrontation occurred in which the suspect injured the victim by biting one of her fingers. Deputies responded to the Burbank Metrolink Station where they were able to take the suspect into custody.

# TRAIN RIDES

End of the Line Train Rides for MAY 2023

## Ventura Line:

Total Rides: 0                      Trains:

## Antelope Valley Line:

Total Rides: 9                      Trains: 206, 260, 261, 262, 263, 268, 269

## San Bernardino Line:

Total Rides: 80                      Trains: 304, 306, 308, 309, 312, 313, 314, 315, 317, 318, 319, 321,  
324, 325, 326, 329, 330, 331, 333, 334, 335, 336, 337, 338,  
339, 352, 353, 357, 364, 366, 367, 373, 377, 381

## Riverside Line:

Total Rides: 0                      Trains:

## Orange County Line:

Total Rides: 8                      Trains: 600, 602, 603, 609, 661, 662, 682, 685

## 91/Perris Valley Line:

Total Rides: 18                      Trains: 702, 703, 709, 710, 734, 796

## IEOC Line:

Total Rides: 0                      Trains:

**Total Rides: 115**



## MISCELLANEOUS

**May-23**

The Metrolink K-9 deputies conducted 250 station checks, participated in two VIPR operations, and handled three unattended package calls.

## DEFINITIONS OF DETAILS AND OPERATIONS

### **STREET CAR DETAIL**

A street car detail is when field deputies during their routine daily train rides work in conjunction with the conductor to open a limited number of doors on the train and check patrons for valid fare while they board the train. This is usually conducted at either Union Station or the end of the line station. Only those with valid fare are permitted to board the train

### **VIPR Operation**

A VIPR Operation is conducted by Metrolink deputies, a K9 deputy and agents from the TSA and Homeland Security (Federal Air Marshalls). Some agents from Homeland Security work in plain clothes and others in uniform during the operations. Our deputies will conduct fare enforcement on board the trains while our K9 deputy will walk the trains searching for potential explosive devises. The agents conduct visual observations of patrons searching for potential suspicious activity or actions by patrons.

### **Platform Fare Enforcement**

Platform Fare Enforcement is when deputies during their routine daily activities, monitor a station platform and enforce that everyone on the platform has proper fare.

### **Train Rides**

A train ride is when field deputies during their routine daily train rides, ride a train for more than three stops. While on board the train, deputies will check fares, enforce laws and provide a visible presence on the train.

### **ROW Enforcement Detail**

A ROW Enforcement detail is when field deputies during their routine daily duties, monitor and check the ROW's for trespassers, homeless encampments and debris placed on to the tracks.

### **ROW Enforcement Deputy Activity**

There are currently six deputies and one sergeant assigned to the ROW Enforcement Team. They are responsible for patrolling the ROW's for trespassers and homeless encampments. They work in conjunction with outside agencies to remove homeless and their encampments from the ROW and provide outreach to the homeless. They also work in conjunction with Metrolink to conduct clean up of those encampments.

### **Joint Grade Crossing Operation**

A Joint Grade Crossing Operation is when Metrolink deputies, along with at least one outside law enforcement agency team up to monitor and cite drivers for vehicle code grade crossing violations within a certain area. They spread out over several crossings within a given area.

### **Grade Crossing Detail**

A Grade Crossing detail is when field deputies during their routine daily duties, monitor a single grade crossing for a period of time when a train is expected to cross through the crossing. This is an individual detail and not a large scale operation.



**CALIFORNIA**  
High-Speed Rail Authority

**North Los Angeles County  
Transportation Coalition JPA Board Meeting  
California High-Speed Rail Update**

**July 17, 2023**



**CALIFORNIA**  
High-Speed Rail Authority

**Southern California Board Update**  
**LaDonna DiCamillo**

**June 2023**

# Summary: High-Speed Rail in Southern California



164 Miles







**Bakersfield to Palmdale**  
 ROD/NOD Complete 2021\*

### Southern California Connectivity

	High-Speed Rail Station		Coaster Oceanside to San Diego
	High-Speed Rail		Amtrak Pacific Surfliner
	Planned High-Speed Rail Brightline West		Metrolink Lines
	Intercity Bus Service		Metro Rail/Metro Bus

MAP NOT TO SCALE

\*CEQA litigation stayed to allow focus on settlement discussions.



# Bakersfield to Palmdale

- **Federal – State Partnership for Intercity Passenger Rail**  
Application 2: Phase 1 Corridor Configuration Design
  - \$194 million request
  - Configuration level design for: San Jose to Merced and Bakersfield to Palmdale
  - Begins crucial geotechnical studies Tehachapi Mountains
  - Letters of support include City of Palmdale, Mayor of Los Angeles Karen Bass, Los Angeles County Supervisor Kathryn Barger, Glendale Councilmember Ara Najarian and MoveLA

To Fresno and San Francisco

To Santa Barbara

To Las Vegas

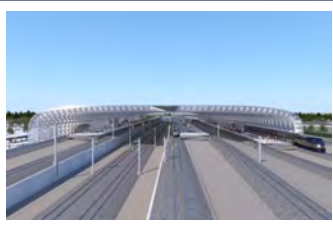
Bakersfield

Palmdale Station  
Planning Underway  
Metrolink and potential  
Brightline Connections

To Las Vegas, Nevada

Palmdale

Victor Valley



Port HSR

Ventura

BUR

Los Angeles Union Station

Rancho Cucamonga

San Bernardino

Fullerton

Anaheim ARTIC

Norwalk/Santa Fe Springs

Riverside

Perris

LAX

LGB

SNA

ONT

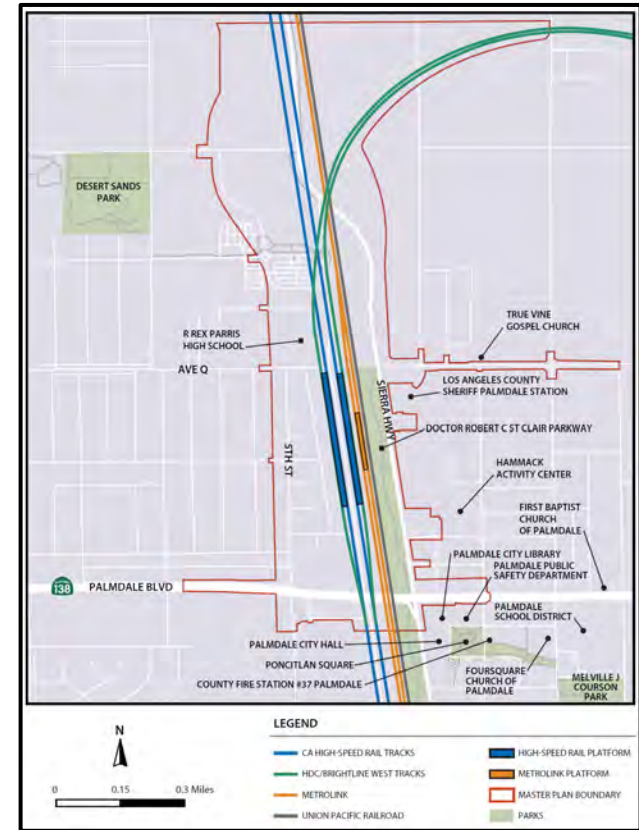
## Southern California Connectivity

- High-Speed Rail Station
- High-Speed Rail
- Planned High-Speed Rail Brightline West
- Intercity Bus Service
- Coaster Oceanside to San Diego
- Amtrak Pacific Surfliner
- Metrolink Lines
- Metro Rail/Metro Bus



# Palmdale Integrated Station Master Planning

- Station environmentally cleared in 2021 (ROD/NOD for B-P)
- Goal: Work with the city to create an implementation strategy for an integrated station master plan
  - » Build off City of Palmdale station area planning
  - » Advance and refine approved station footprint to be an integrated station
- Develop a common vision, lasting partnerships, and an effective station area governance structure
- Create a successful Master Plan and facilitate its implementation
- Lay the groundwork for to leverage grant funding (state and federal)
- Next Steps
  - » Palmdale Station Planning Workshop #5 – June 2023
  - » Establish topics for additional workshops
  - » Explore options for governance agreement
  - » Seek funding for Palmdale Station Master Plan
  - » Publish Palmdale to Burbank Final EIR/EIS – End of 2023



Palmdale Station Master Plan Area

## Southern California Connectivity

-  High-Speed Rail Station
-  High-Speed Rail
-  Planned High-Speed Rail Brightline West
-  Intercity Bus Service
-  Coaster Oceanside to San Diego
-  Amtrak Pacific Surfliner
-  Metrolink Lines
-  Metro Rail/Metro Bus



**Palmdale to Burbank**

- DEIR/S released Sept 2, 2022
- Comment deadline Dec 1, 2022
- Preferred alternative SR14A (28 miles of tunneling)
- FEIR/S expected by end of 2023



# PALMDALE TO BURBANK - FALL 2022 OUTREACH MEETINGS

Draft EIR/EIS Outreach Meetings	Additional Briefings/Events
<p>Virtual Elected/City Staff Briefing: September 7, 2022</p>	<p>In-Person Acton Town Council/Agua Dulce Town Council Small Group Meeting: September 27, 2022</p>
<p>Virtual Stakeholder Working Group – Northern Section: September 13, 2022</p>	<p>In-Person Information Session – Northern Section: October 8, 2022</p>
<p>Virtual Stakeholder Working Group – Southern Section: September 20, 2022</p>	<p>In-Person Information Session – Southern Section (Spanish interpretation): October 12, 2022</p>
<p>Virtual Open House Meeting (English and Spanish): October 6, 2022</p>	<p>In-Person Turn on the Sun/Prende El Sol Event-Pacoima: October 15, 2022</p>
<p>Virtual Public Hearing (Spanish interpretation): October 18, 2022</p>	<p>Virtual Pacoima Neighborhood Council Meeting: November 16, 2022</p> <p>Virtual Pacoima Beautiful – Community Inspectors Meeting (Spanish): November 18, 2022</p>

# PALMDALE TO BURBANK - FALL 2022 OUTREACH MEETINGS

## Requested Briefings- Agencies/Stakeholders

City of Santa Clarita: September 26, 2022

Union Pacific Railroad: October 10, 2022

Antelope Valley-East Kern Water Agency (AVEK): October 12, 2022

California Department of Water Resources: November 1, 2022

Antelope Valley-East Kern Water Agency (AVEK): November 3, 2022

**North County Cities:** November 4, 2022

The Nature Conservancy: November 3, 2022

Antelope Valley-East Kern Water Agency (AVEK) & Los Angeles County Public Works (LACPW):  
November 8, 2022

U.S Environmental Protection Agency (EPA) & U.S. Forest Service: November 8, 2022

Sylmar Mountain Glen II Homeowners Association: November 18, 2022

Los Angeles City Council District 7 – Councilmember Monica Rodriguez & Staff: November 28, 2022



# Palmdale to Burbank DEIR/DEIS Issues - 481 Submissions

Purpose & Need



### Southern California Connectivity

	High-Speed Rail Station		Coaster Oceanside to San Diego
	High-Speed Rail		Amtrak Pacific Surfliner
	Planned High-Speed Rail Brightline West		Metrolink Lines
	Intercity Bus Service		Metro Rail/Metro Bus

**Burbank to Los Angeles**  
 ROD/NOD Complete 2022\*

First HSR to airport station direct connection



\*CEQA litigation stayed to allow focus on settlement discussions.

# Burbank to Los Angeles

## Taylor Yard Crossing

- Worked with the 100-Acre Partnership at Taylor Yard (Partnership) to develop three concepts for a potential crossing over the HSR corridor
- Evaluated each concept based on their ability to meet established goals and objectives and recommended Concept 2 for further evaluation
- Sent Draft Report to the Partnership for review and comments by June 23<sup>rd</sup>







## Southern California Connectivity

	High-Speed Rail Station		Coaster Oceanside to San Diego
	High-Speed Rail		Amtrak Pacific Surfliner
	Planned High-Speed Rail Brightline West		Metrolink Lines
	Intercity Bus Service		Metro Rail/Metro Bus

**Metro/Link US improvements**  
\$441 M partnership

MAP NOT TO SCALE



## Southern California Connectivity

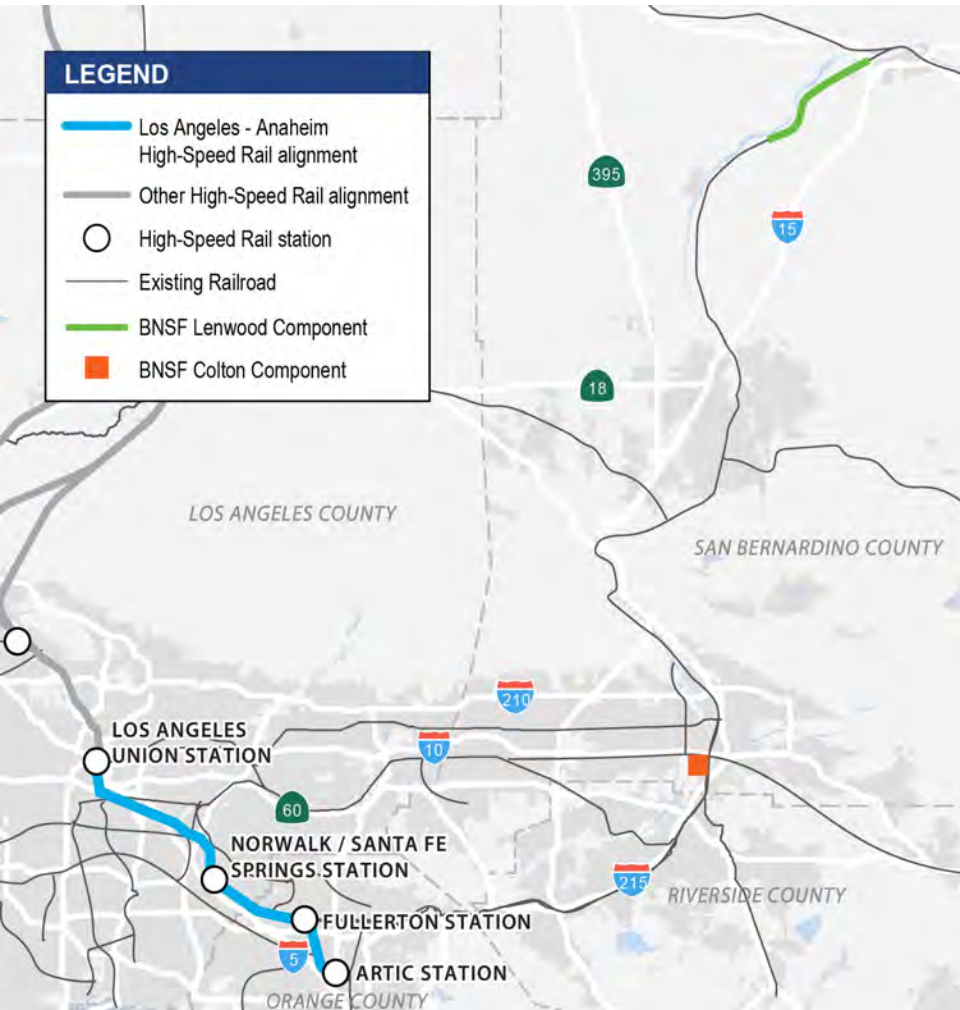
- High-Speed Rail Station
- High-Speed Rail
- Planned High-Speed Rail Brightline West
- Intercity Bus Service
- Coaster Oceanside to San Diego
- Amtrak Pacific Surfliner
- Metrolink Lines
- Metro Rail/Metro Bus

Los Angeles to Anaheim



MAP NOT TO SCALE

# LA-A: 2018 Preferred Alternative - Background



- Currently there are 3 mainline tracks in BNSF-owned right-of-way between Redondo Junction and Fullerton Junction:
  - These tracks are used by both passenger (Metrolink & Amtrak) and freight (BNSF) rail services, subject to 1992 Shared Use Agreement signed by BNSF and RCTC/OCTA
  - The agreement caps passenger train volumes at 84 trains/day. Passenger train volumes prior to pandemic were ~54 trains/day
- The HSR Alternative (informally, 2+2 Alternative) would add one mainline track to the corridor. Two tracks would be used by BNSF; two tracks would be shared by passenger rail services (HSR, Metrolink, Amtrak)
- The BNSF Colton Intermodal Facility would accommodate future freight train volumes (an average of 10 freight trains per day) that could not be accommodated in the LOSSAN corridor
- The BNSF Lenwood Staging Tracks will be used for staging freight trains during and after HSR construction



# Colton Intermodal Project Components

- Colton Intermodal Facility:  
Rail yard, railroad lead tracks, and roadway modifications for future freight train volumes that cannot be accommodated in LA-A corridor after HSR operations begin
- Lenwood Staging Tracks:  
Staging tracks adjacent to the BNSF existing mainline in Lenwood provide for necessary staging of trains prior to entering the Los Angeles to Anaheim HSR passenger rail corridor limits

## Colton Intermodal Facility



## Lenwood Staging Tracks



# Challenges with Project Delivery – *Stakeholder Feedback (1 of 5)*

The inclusion of the BNSF facilities has resulted in significant stakeholder and community opposition.

- CHSRA held a 30-day scoping comment period from Aug 25-Sep 24, 2020 to obtain comments on the revised scope of the LA-A project, which included Colton and Lenwood facilities as project components
- CHSRA received 131 scoping comment submissions with 401 individual comments. Comments were focused on Colton and covered a wide range of concerns, including:
  - Truck traffic: SBCTA, RCTC, County of San Bernardino
  - Air quality: EPA, CARB, SCAQMD, EarthJustice, NRDC, Sierra Club
  - Environmental justice: City of Colton, Center for Community Action and Environmental Justice (CCA EJ), USC School of Medicine and East Yard Communities for Environmental Justice

## Challenges with Project Delivery – *Stakeholder Feedback (2 of 5)*

### San Bernardino County Transportation Authority (SBCTA):

- The CHSRA's approach, while it may be traditional, is not in the spirit of the draft Transportation Action Plan Strategies recently prepared by the California State Transportation Agency (CalSTA) pursuant to Governor Newsom's Executive Order N-19-19.
- The EO requires "that every aspect of state government redouble its efforts to reduce greenhouse gas emissions and mitigate the impacts of climate change while building a sustainable, inclusive economy." Both the existing San Bernardino facility and the proposed Colton facility are surrounded by communities that are heavily disadvantaged already, relative to the rest of the State.

*Letter dated September 24, 2020*

# Challenges with Project Delivery – *Stakeholder Feedback (3 of 5)*

## Southern California Air Quality Management District (SCAQMD):

- CHSRA and BNSF must be proactive when siting the proposed BNSF Colton Intermodal Railyard as this is new freight railyard, within an existing environmental justice community already burdened with significant existing air quality impacts.
- It must be designed to minimize or eliminate diesel fuel and must use the lowest emitting locomotives (Tier 4 or better), zero-emission or near-zero emission on-road trucks, and electric yard equipment in addition to the zero-emission cargo handling equipment . It must also be designed to create space for zero-emission charging and fueling infrastructure.
- The Proposed Project should include an enforceable mechanism to ensure that the activity at the proposed BNSF Colton Intermodal Railyard does not exceed what is analyzed in the EIR/EIS, and that activity does not increase at the BNSF Hobart railyard.

*Letter dated September 24, 2020*

# Challenges with Project Delivery – *Stakeholder Feedback (4 of 5)*

## City of Colton:

- Colton [is] a disadvantaged community that may be disproportionately impacted by this project. Colton is most burdened by multiple sources of pollution and is vulnerable to the effects of 20 indicators of environmental quality and socioeconomic and public health conditions. The city is also designated as a “Community of Concern” in Southern California Association of Governments (SCG) planning documents.
- The addition of 10 freight trains per day and the associated increases in truck trips may offset any positive benefits of the HSR project. Mitigation would have to be extensive to assist in lowering any additional emissions when Colton is already at its highest score for environmental burdens.

*Letter dated September 24, 2020*

# Challenges with Project Delivery – *Stakeholder Feedback (5 of 5)*

## Southern California Regional Rail Authority (SCRRA/MetroLink):

- The record needs to be set straight that these facilities are not contemplated or needed but for the anticipated arrival of high-speed rail service into this corridor. Any statement that commuter or MetroLink service is part of the basis of the need, must be stricken from the high-speed rail documentation from this point forward.
- [The Project] proposes to shift freight rail traffic along the BNSF San Bernardino subdivision, thereby creating additional freight congestion that will inhibit the provision of MetroLink commuter rail service but also undermines the shared-use agreement between BNSF and SERA, which limits to the amount of freight traffic which can be added to the subdivision without additional rail track infrastructure and related projects being built to accommodate that traffic.

*Oral Comment during 9/9/2020 Scoping Meeting*



# Challenges with Project Delivery – *HSR Response*

- The Authority has listened to community and stakeholder input and is proposing to modify the project to meet local concerns.
- The Authority evaluated alternative sites to the Colton location
  - *Locating an intermodal facility in a heavily urbanized region proved challenging. Ultimately, the Authority was unable to identify an alternative site to the proposed Colton BNSF Intermodal Maintenance Facility that met the HSR LA-A project purpose and need.*
- The Authority's Program Delivery Committee (PDC) supports Staff conclusion that the Colton IMF is unreasonable at this time.
- The Authority is exploring additional alternatives for the project section that eliminate the need for the Colton Intermodal Facility.
- And preparing a Supplemental Alternatives Analysis (SAA) to document and evaluate potential alternatives to advance for study in the Draft EIR/EIS.

# LA-A Next Steps

- Finalize Supplemental Alternatives Analysis (SAA), inclusive of input from Program Delivery Committee and Authority Legal staff
- Introduce new Build Alternative(s) Summer 2023
- Review Preferred Alternative at upcoming Board meeting



# So Cal Outreach Update

Since September 2022, the Southern California team has participated in the following events:

- 14 high school presentations
- 6 conferences and expos including outreach booths
- 9 presentations to various audiences including colleges, transportation seminars and business organizations
- 4 outreach booths at career, community and resource fairs



# WTS International Employer of the Year

*“I commend the California High-Speed Rail Authority for promoting the advancement of women in the transportation industry, which sets a standard for all infrastructure projects across the nation.”*

- Governor Gavin Newsom





# Stay Connected

Social Media, Newsletters and Websites



@CaliforniaHighSpeedRail



@CaHSRA



/CAHighSpeedRail



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/California-high-speed-rail-authority

Visit the California High Speed Rail Authority website at [hsr.ca.gov](http://hsr.ca.gov)  
and Build HSR California at [BuildHSR.com](http://BuildHSR.com)

# Link US – Project Update

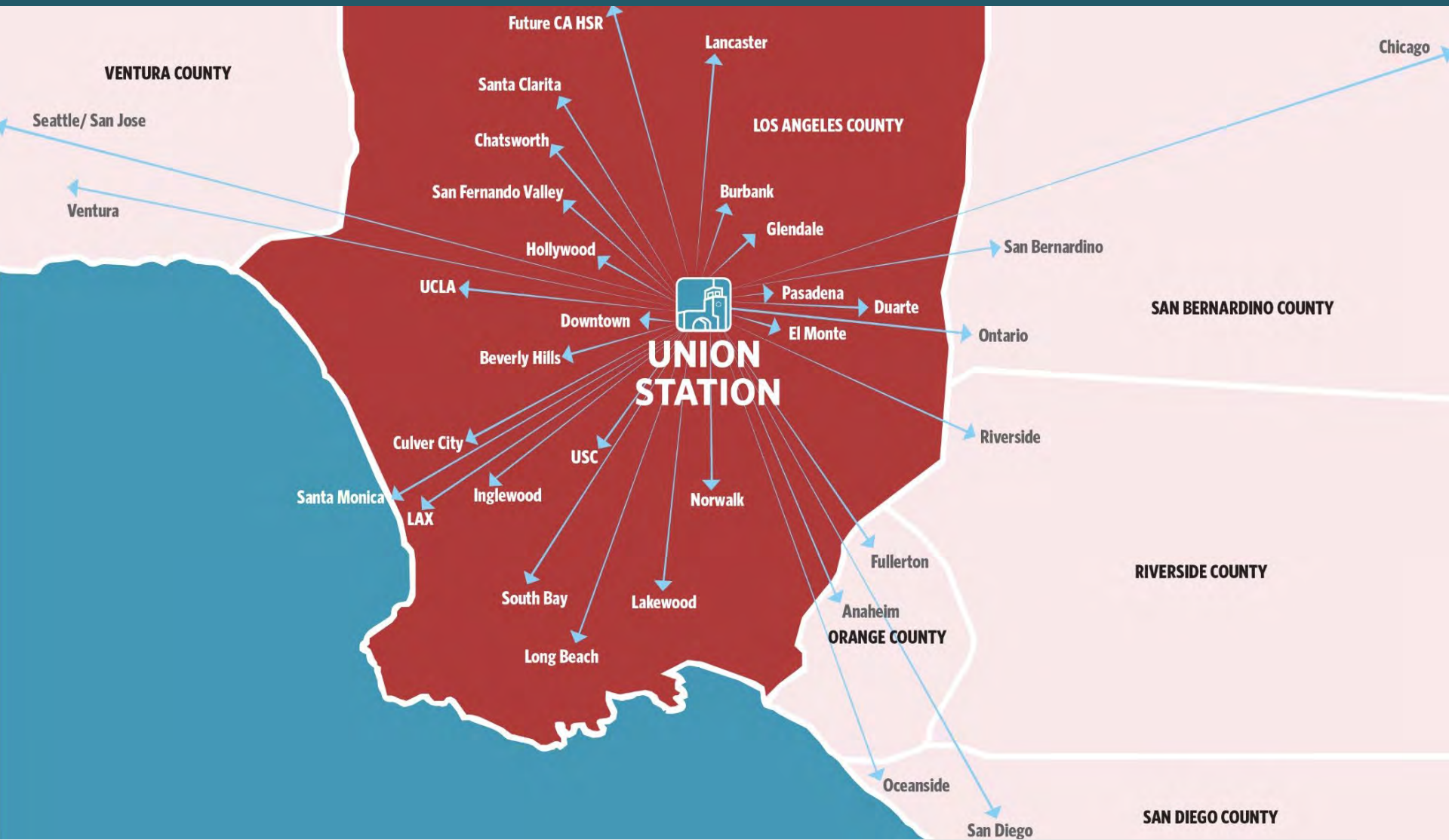
California High Speed Rail Board Presentation



**Scott McConnell – Metro Executive Officer**  
**June 29, 2023**



# The Link to Southern California



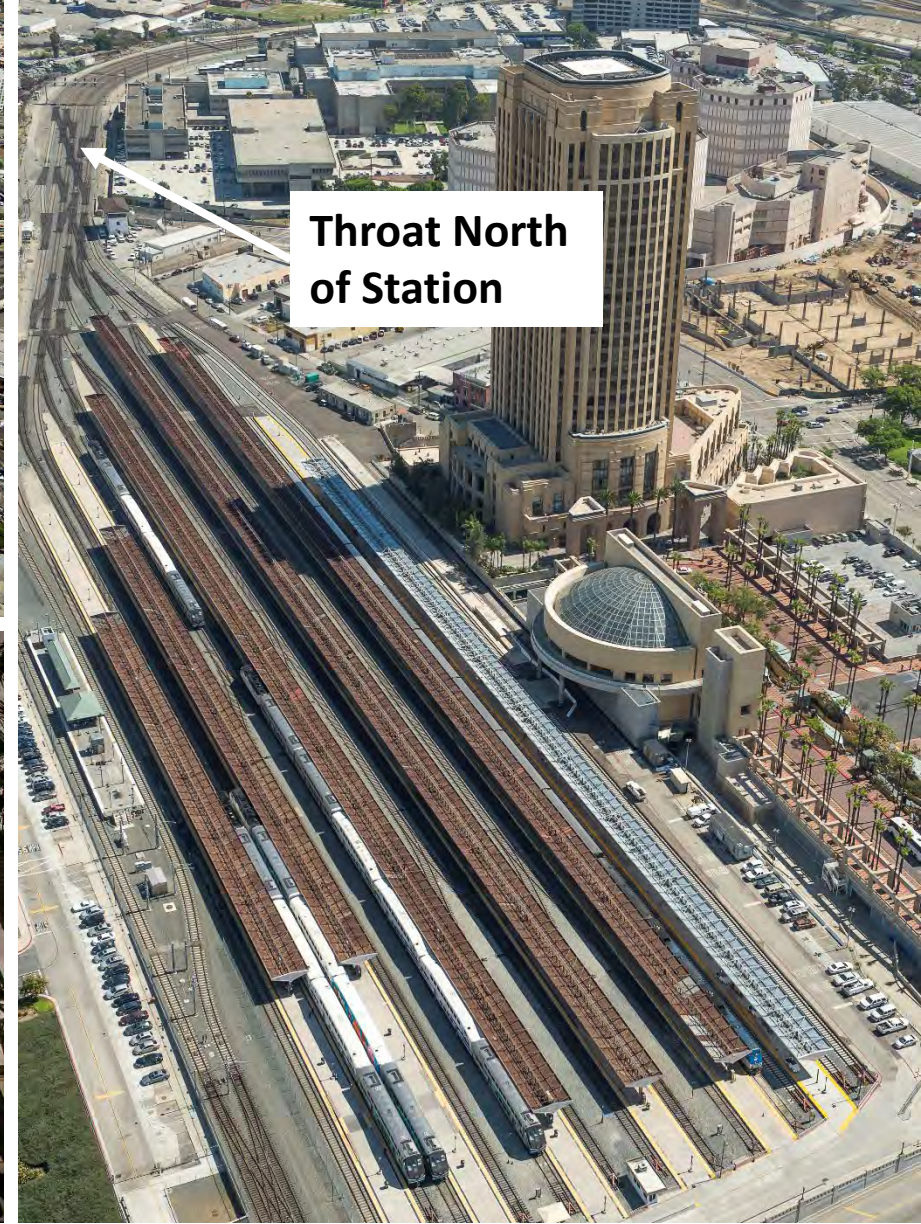
Los Angeles Union Station is the largest multi-modal hub in Southern California with commuter and intercity rail services across all six counties in SoCal and intrastate rail service to Seattle, Chicago, New Orleans and beyond.

# High-Speed Rail in Southern California

## California High Speed Rail and Brightline







Stub-ended tracks



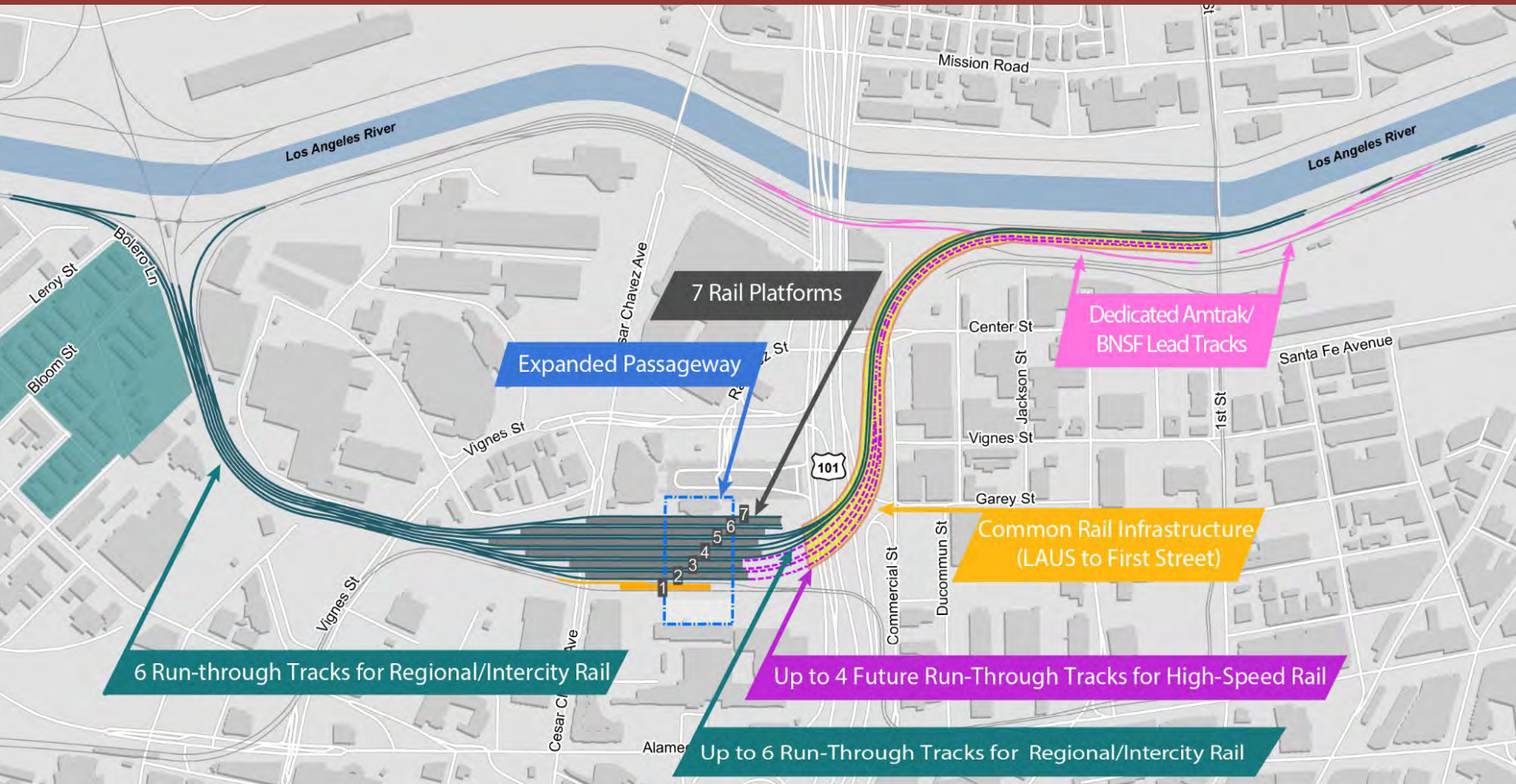
# Los Angeles Union Station Today

Built in 1939 | Union Station is a stub end station and has not been modernized since it was built



# Link US Project – Phase A and Phase B

## Overview of Major Project Components





# Link US Phase A Overview

Includes Two Interim Run-Through Track Operations for LOSSAN Service





# Link US Key Benefits

## At completion of Phase A and B

- 1. Expand rail capacity. Run-through operations can accommodate an increase in rail service from 178 trains to over 500 trains (including future HSR trains)**
- 2. Reduced Dwell Times. Run-through operations can reduce dwell times by 20 minutes or more**
- 3. Provide one-seat rides across the SoCal region (e.g., Ventura to San Diego)**
- 4. Expanded Passageway with improved passenger amenities**
- 5. Wider Rail Platforms (from 21 feet to 28 feet)**
- 6. ADA improvements with new elevators and escalators that replace all pedestrian ramps**

# Link US – CHSRA Investment

From Project Management Funding Agreement (PMFA)

**SCO ID:** 2665-HSR2154

STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES

## STANDARD AGREEMENT

STD 213 (Rev. 04/2020)

AGREEMENT NUMBER

HSR21-54

PURCHASING AUTHORITY NUMBER (If Applicable)

2665

1. This Agreement is entered into between the Contracting Agency and the Contractor named below:

CONTRACTING AGENCY NAME

California High-Speed Rail Authority

CONTRACTOR NAME

Los Angeles County Metropolitan Transportation Authority

2. The term of this Agreement is:

START DATE

June 1, 2022, or upon approval by both parties, whichever is later

THROUGH END DATE

June 30, 2028

3. The maximum amount of this Agreement is:

**\$423,335,000.00** Four Hundred Twenty-Three Million, Three Hundred Thirty-Five Thousand Dollars and Zero Cents

**June 2022 investment of just over \$423 Million**



# Link US – Schedule Update

## PMFA – Project Schedule (Phase A)

Key Milestone	Target Date	Forecast*
Completion of Environmental Impact Report (EIR)	Completed in Summer 2019	✓
Submit 35% Plans, Specifications, and Estimates	Completed in Fall 2019	✓
Award CM/GC Contract for Pre-Construction Services	Spring 2022	Fall 2024
Completion of Environmental Impact Statement (EIS)	Winter 2022/2023	Fall 2024
Submit 65% Plans, Specifications, and Estimates	Summer 2023	Winter 2024/2025
Submit 90% Plans, Specifications, and Estimates	Winter 2023/2024	Fall 2025
Right-of-Way Certification	Winter 2023/2024	Spring 2025 (not incl. Malabar Yard)
Submit 100% Plans, Specifications, and Estimates	Spring 2024	Summer 2026
Start of Construction	As early as 2023	As early as 2025
Completion of Construction	Summer 2028	Summer 2033 <sup>†</sup>

\*Based on 35% with CMGC Project Delivery, Subject to Change.

<sup>†</sup>Construction completion includes a 2-year Contingency.

# Link US – Cost Update

## PMFA – Current Funding and Cost Plan (Phase A)

**Table 3. Cost Estimate by Source and By Project Phase (year of expenditure dollars in millions)**

Source of Funds	Total	PA&ED	PS&E	Right-of-Way	Construction- Early Work by SCRRA	Construction
Proposition 1A/HSR Bonds	\$423.335		\$21.00	\$7.00		\$395.335
Other CHSRA Funds	\$18.726	\$16.460	\$2.266			
CalSTA TIRCP	\$337.571	\$23.021	\$46.336	\$130.063	\$19.766	\$118.385
ITIP	\$60.820					\$60.820
SCRRA JPA, non-Metro	\$40.000				\$29.504	\$10.496
LACMTA (Measure R)	\$51.672	\$44.950	\$6.722			
LACMTA (Measure M)	\$13.274					\$13.274
CalSTA/Caltrans (LOSSAN/Amtrak)	\$5.000					\$5.000
<b>Total Funding</b>	<b>\$950.398</b>	<b>\$84.431</b>	<b>\$76.324</b>	<b>\$137.063</b>	<b>\$49.270</b>	<b>\$603.310</b>

**Note:**

1. Current Cost Estimate amounts to \$1,932 Million, with a project delivery in 2033.
2. These Cost Projections do not include Value Engineering that is currently taking place with Stakeholders

# Link US – Project Update

## PMFA – Cost Variance

- It was anticipated that project costs would be within the funded amount based on an estimate performed in 2019, prior to COVID.
- Given the latest project schedule and current market conditions, the increase is attributed to the following.

		% of Increase
Construction	\$256,177,000	26%
Additional Contingency	\$267,01,000	27%
Escalation	\$198,725,000	20%
Malabar Yard*	\$107,942,000	11%
Soft Costs	\$82,2313,000	8%
ROW & Acquisitions	\$69,450,000	7%
<b>Total</b>	<b>\$981,708,000</b>	<b>100%</b>

\*not included in original estimate



# Link US – Coordination Meeting

## PMFA – Remediation Plan (For Any Cost and Schedule Increases)

### 5.2 Funding Shortfalls, Cost Overruns, and Delays; Remediation Plan.

- 5.2.1 In the event that LACMTA learns (or CHSRA reasonably believes and so informs LACMTA in writing), at any time prior to or during the performance of the Phase A Link US Project work, that either (1) the Phase A Link US Project is unlikely to timely receiving Funding Parties-committed Funds (Attachment 1– Funding Sources list), (2) the costs of completing the Phase A Link US Project likely will exceed the budget (Attachment 5—Cost Plan) for completion of the Phase A Link UC Project for any reason, including but not limited to delays in Project Schedule, (3) LACMTA likely will not be able to complete the Phase A Link US Project within the time established in the Project Schedule, or (4) the Phase A Link US Project will not be completed in material conformance with the plans and specifications set forth in Attachment 4, LACMTA will promptly notify CHSRA and explain the nature and project extent of the funding shortfall, cost overrun, delay or specification noncompliance.
- 5.2.2 In response to a potential funding shortfall, cost overrun, schedule delay, or specification noncompliance, LACMTA will provide CHSRA with a plan (“Remediation Plan”) that LACMTA proposes to (i) to identify and quantify realistic potential cost savings measures from Project scope reductions and/or the course of additional funds that can be available to LACMTA to compete the Phase A Link US Project, (ii) brings the costs of the Phase A Link US Project into balance with the available funds, (iii) implement measures to mitigate or eliminate delays in the completion of construction, and/or (iv) correct material noncompliance with CHSRA-approved specifications (Attachment 4).

# Link US – Update

## Next Steps

### Next Steps

1. Develop Remediation Plan (Fall 2023)
  - a. New Cost and Schedule with Value Engineering
  - b. Work with Stakeholders to Reduce Risk
  - c. Develop a Funding Strategy
    - FRA, FTA, State and Amtrak
    - Get on Funding Calendar

# Rosecrans/Marquardt Grade Separation Project



Rosecrans Avenue

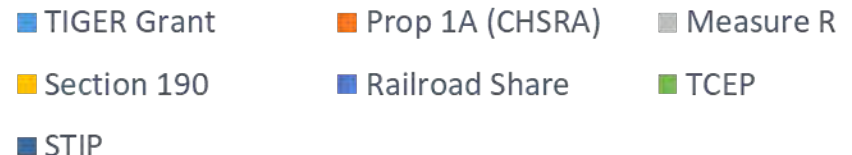
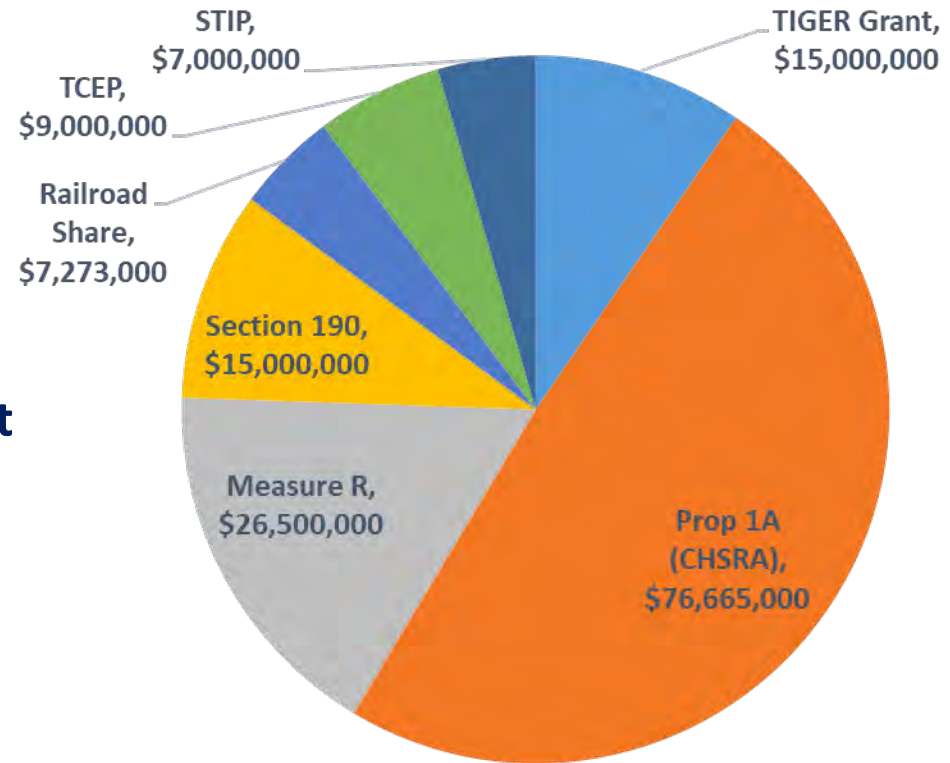
Marquardt Avenue

1. This is the **Diagonal At-Grade Crossing at Rosecrans Ave Marquardt Ave Intersection** located in the **City of Santa Fe Springs**.
2. It was ranked **#1** by CPUC in 2016 as the most hazardous at-grade crossing in California with **26 incidents, 5 fatalities and 6 injuries** that consists of over 120 trains and 45,000 vehicles daily crossing totaling approximately 21 hours gate down time per week (or 45 days per year)

# Rosecrans Marquardt Funding Plan

Fully Funded- Estimated at \$156.439 million

1. TIGER Grant - \$15 million
2. Proposition 1A-(CHSRA) \$76.665 million
3. Measure R - \$26.5 million
4. Trade Corridor Enhancement Program (TCEP) - \$9 million
5. State Transportation Improvement Program(STIP) - \$7 million
6. BNSF Railway – Up to \$7.273 million
7. California Public Utilities Commission -Section 190 - \$15 million





# Rosecrans/ Marquardt Benefits

## Community, Environmental and Goods Movement

- 1. Improved safety due and elimination of train-to-vehicle accidents and pedestrian accidents.**
- 2. Better air quality due to elimination of idling trains.**
- 3. Increases rail efficiency with time savings of 21 hours per week due to vehicles idling to allow train passage across this intersection.**
- 4. Enhances Goods Movement (Passenger/Freight) rail services today and accommodates the future potential future California High-Speed Rail.**





# Rosecrans Marquardt Project Update

- 1. November 2018: Completed** environmental clearance under the National Environmental Policy Act (NEPA)  
**COMPLETED**
- 2. December 2020: Right-of-Way Certification – COMPLETED**
- 3. June 2021: 100% Final Plans, and specs were COMPLETED** & Construction Package was Issued For Bid in August 2021
- 4. April 18, 2022: Construction Contract was AWARDED** to Flatiron West, Inc. and NTP was issued on June 13, 2022.
- 5. May 2022: COMPLETED** Advance Utility Relocation
- 6. Fall 2025: Anticipated Construction completion**

# Rosecrans/ Marquardt Project

## Construction Progress



Caisson Installation



Bent Cap Construction



# Rosecrans/ Marquardt Project

## Construction Progress



Mechanically Stabilized Earth (MSE) Wall No. 2



Precast Girders between Abutment 1 and 2



# Link US/ Rosecrans – Project Update

Comments/Questions

Thank You!

\*\* The number of residents served is an estimated value that was calculated by multiplying the number of residences along a roadway within a designated Slow Street network by the average persons per household (according to 5-year Census estimates from 2015-2019 for Los Angeles, California, this value is 2.99, <https://www.census.gov/quickfacts/losangelescountycalifornia>).





**AGENDA REPORT – BOARD ITEM 8**

**High Desert Corridor Joint Powers Agency**

Date: July 13, 2023

To: Board of Director Members of the High Desert Corridor Joint Powers Agency (HDC)

From: Arthur V. Sohikian, Executive Director

**Subject: HDC JPA Executive Director Report**

**Recommended Action:** Receive and File Report

**Fiscal Impact:** Items mentioned in this report may have a future fiscal impact.

**1. High Desert Intercity High Speed Rail Project in Federal NEPA Environmental Process**

The HDC JPA submitted the High Desert Intercity High Speed Rail Project petition for Reevaluation to the Federal Railroad Administration (FRA) and Surface Transportation Board (STB) in April 2021. The FRA is the Lead Agency for the National Environmental Policy Act (NEPA) environmental clearance process which they launched in February 2023.

The High Desert Intercity High Speed Rail Project objective is to progress with the FRA NEPA process to receive the Record of Decision (ROD) and Notice of Determination (NOD) approval in 2024. With California Environmental Quality Act (CEQA) concurrence, this will complete environmental clearance for the high-speed rail project to advance to the next phase of Project Development, which is to conduct 30% level of design engineering.

The NEPA Consultant Team prepared a power point presentation updating the HDC High Speed Rail Project environmental clearance process contained in Agenda Report 7, July 13, 2023.

**2. Federal and State Grant Opportunities Update**

On January 26, 2023, The Metro Board of Directors approved \$8.5 million in Measure M HDC funds to use as a local match to the state and federal grant submittals.

On April 24, 2023, CalSTA announced the award of \$8 million in Cycle 6 SB1 2022 Transit and Intercity Rail Capital Program (TIRCP) grant funds to the HDC JPA High Speed Rail Project. TIRCP Info can be found at <https://calsta.ca.gov/subject-areas/transit-intercity-rail-capital-prog>.

On March 27, 2023, the Antelope Valley Transit Authority (AVTA), on behalf of the HDC JPA, submitted the HDC JPA Federal Railroad Administration Corridor Identification and Development Program grant application seeking \$500,000 and entrance into the Program. The HDC JPA acknowledges the AVTA and is very appreciative for their assistance in submitting the grant application on behalf of the HDC JPA. The Corridor ID Program Information can be found

at <https://www.federalregister.gov/documents/2022/12/20/2022-27559/notice-of-solicitation-of-corridor-proposals-and-funding-opportunity-for-the-corridor-identification>

The FRA Corridor ID Program grant award announcements are likely in August/September 2023.

On June 28, 2023, the US Department of Transportation announced that the San Bernardino County Transportation Authority (SBCTA) received a \$25 million Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant award. According to the RAISE Fact Sheet and Brightline West Press Release (Attachment A), grant funds will be spent on final design and construction of two BLW rail stations in Hesperia and Apple Valley, CA.

### 3. HDC Executive Director Presents at Two International Conferences

On May 2, 2023, the HDC Executive Director presented at the VerdeXchange Conference in Downtown LA <https://www.verdexchange.org/> and on May 16, 2023, HDC presented at the US High Speed Rail Association Conference in Washington, DC. <https://www.ushsr.com/conferenceagenda/>.

The US High Speed Rail Association Conference afforded the Agency an excellent opportunity to educate and advocate the HDC High Speed Rail Project to a national audience of public and private sector leaders including White House Infrastructure Czar Mr. Landrieu, Former DOT Secretary Mr. LaHood, FRA Administrator Mr. Bose, CalSTA Secretary Mr. Omishakin, California High Speed Rail Authority (CAHSR) CEO Mr. Kelly and Brightline (BLW) CEO Mr. Reininger.

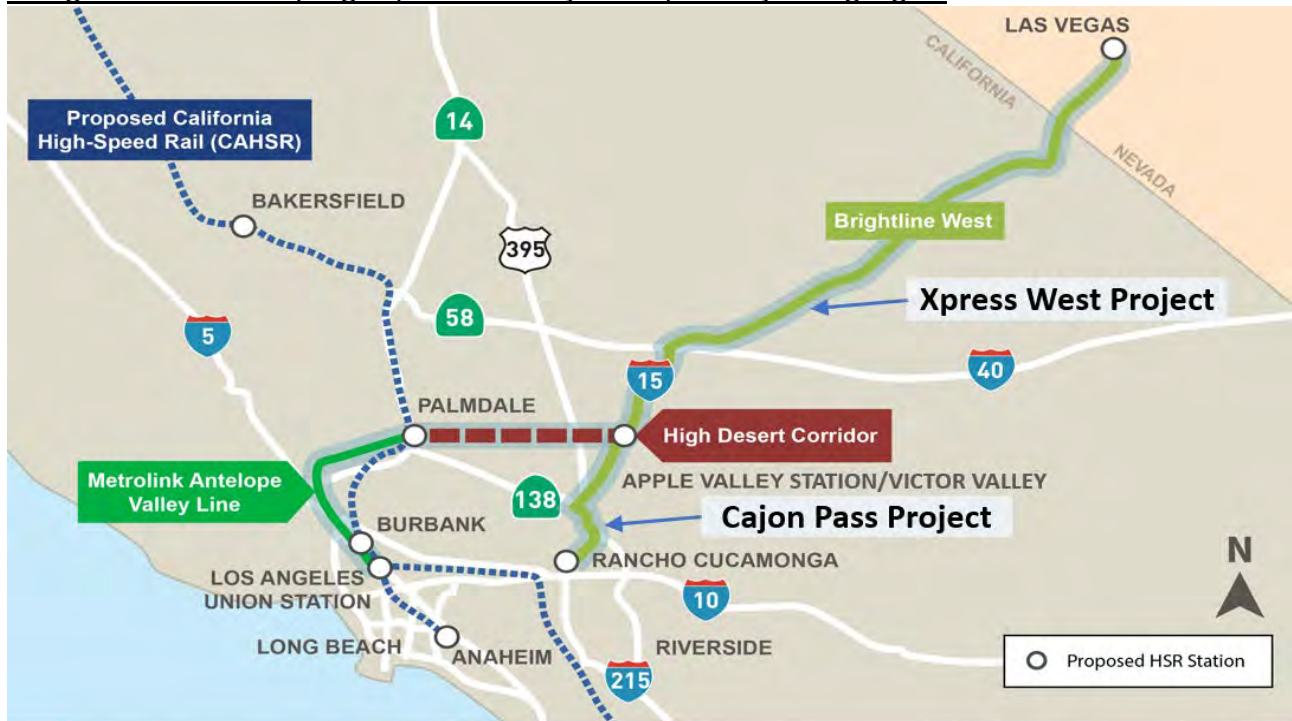
In June 2023, the HDC JPA became a member of the US High Speed Rail Association to be knowledgeable of national High Speed Rail policy and funding programs while providing information on the HDC High Speed Rail Project to a national audience of decision makers. USHSR Association information can be found at <https://www.ushsr.com/>

Attachment A includes the HDC JPA High Speed Rail Project presentation along with the CAHSR and BLW presentations. Both CAHSR and BLW mentioned the HDC High Speed Rail Project connection, and the BLW presentation illustrated the Victor Valley Station.

### 4. Metro Board Approves HDC JPA FY24 Work Program

On May 25, 2023, the Metro Board of Directors unanimously approved the HDC JPA FY24 Budget Work Program of \$1,947,500 from Measure M funds. The May 2023 Metro Board Report is included in Attachment A.

## 5. High Desert Intercity High Speed Rail Project Map & Project Highlights



2016: High Desert Corridor Multi-purpose corridor receives California CEQA clearance which included a highway and high-speed rail line.

2018: High Desert Corridor Joint Powers Authority (HDC) supports study of an alternative to the HDC 2016 Locally Preferred Alternative (LPA), Highway Component and decides to focus on first phase as the High Desert Intercity High Speed Rail Project of the LPA.

2020: Caltrans declares No Build for the highway portion.

April 2021: HDC JPA submits Reevaluation petition to Federal Railroad Administration (FRA) and Surface Transportation Board (STB) to receive NEPA clearance and receive the Rail Project Record of Decision (ROD/NOD).

The High Desert Intercity High Speed Rail Project proposes a 54-mile corridor (Palmdale to Victor Valley) that can be traveled in roughly 30-minutes with two-stations.

One Station in Palmdale and One Station in Victor Valley: Proposed integration with Palmdale California High Speed Rail Station and Brightline West Desert Xpress Victor Valley Station.

The estimated cost of the HDC Rail Project is \$5.54B in year of expenditure dollars, calculated based on the assumed service operations in 2031 and an escalation rate at 3% per year. Final Design and Construction is estimated at \$3.6B of the \$5.54B Project estimate. Environmental clearance could accommodate doubled track. Future design and cost considerations will determine.

Nearly all the 54-mile route of the HDC high-speed rail project is within Equity Communities in the high desert communities of Los Angeles and San Bernardino Counties.

The HDC Rail Project is consistent with the CA State Rail Plan's objectives to improve connectivity of California's statewide rail network. The HDC Rail Project supports the state's greenhouse gas reduction efforts and provides economic development and equity benefits for a region with many historically underserved, low-income, and disadvantaged communities.



**AGENDA REPORT – BOARD ITEM 7**

**High Desert Corridor Joint Powers Agency**

Date: July 13, 2023

To: Board of Director Members of the High Desert Corridor Joint Powers Agency (HDC)

From: Arthur V. Sohikian, Executive Director

**Subject: HDC HIGH SPEED RAIL PROJECT ENVIRONMENTAL CLEARANCE PROCESS UPDATE**

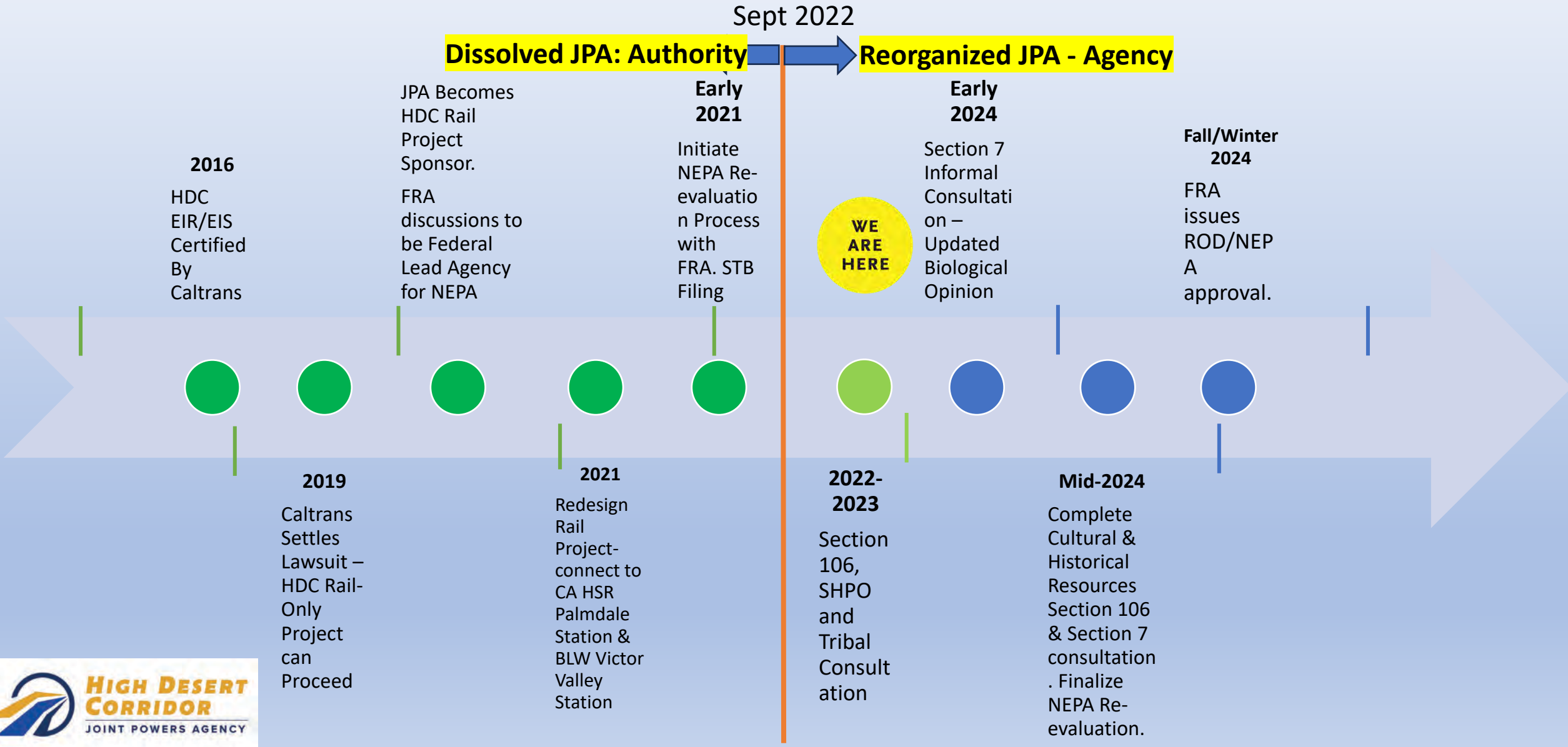
**Recommended Action:** Receive and File Report

**Fiscal Impact:** Items mentioned in this report may have a future fiscal impact.

The HDC JPA Environmental Clearance Consulting Team was asked by the Executive Director to provide an Environmental Clearance Update to the Agency Board of Directors. The HDC High Speed Rail Project Environmental Clearance Update is contained as Attachment A.

The HDC JPA looks forward to the continued working partnership with the Federal Railroad Administration on the NEPA Re-Evaluation Environmental Clearance process and to working with all interested stakeholders to achieve the best high speed rail project for the high-desert communities in San Bernardino and Los Angeles County.

# Environmental Clearance Progress: Major Milestones



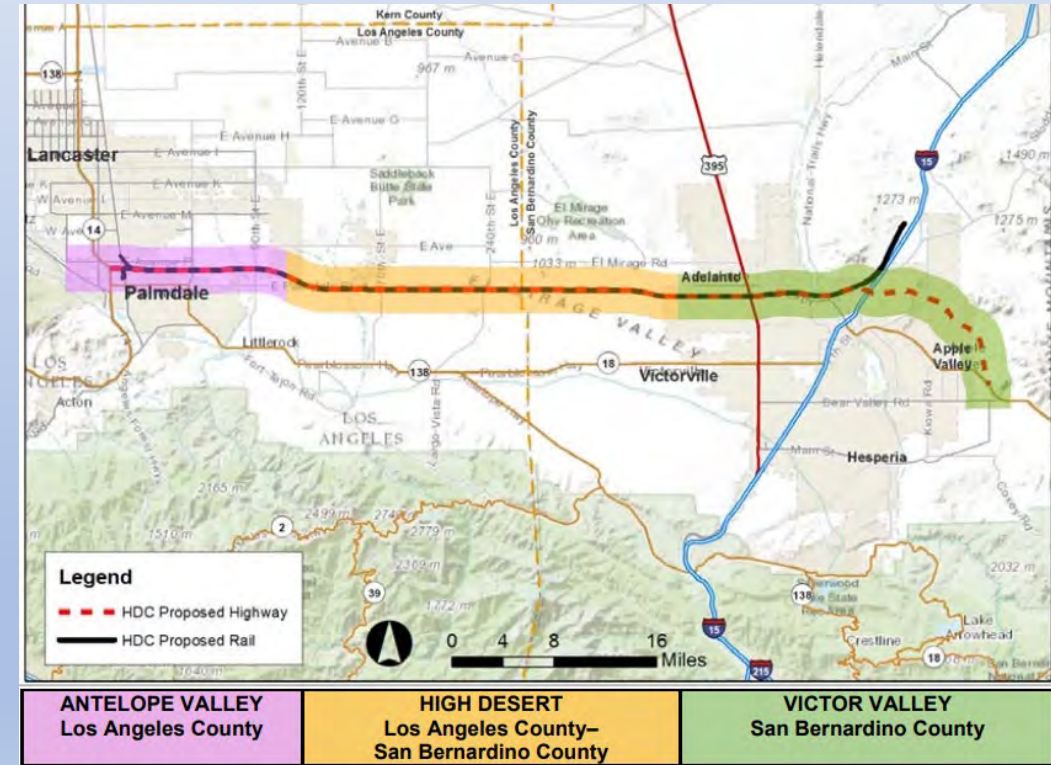


# Environmental Clearance Progress: Background

- Caltrans prepared EIR/EIS – Certified 2016
  - Included high-speed rail connection between Palmdale and Victorville. Stations Not Included
  - Extensive public involvement and review (6-year process)
  - Multiple Alternatives and alignments studied
  - Section 7 Biological Opinion issued
  - Section 106 Cultural & Historical Programmatic Agreement
  - CEQA\* Certified and Notice of Determination (NOD) Filed
  - NEPA\* Record of Decision (ROD) never completed

\*CEQA = California Environmental Quality Act

\*NEPA = National Environmental Policy Act



# Environmental Clearance Progress-Background

- 2019 - Lawsuit over freeway element – Growth Inducement
- Settlement notes that Rail Element can proceed
- Caltrans issues No-Build as Preferred Alternative for Highway – Dec 2021
- Triggered need for Federal lead agency to complete NEPA for High Speed Rail-Only project
- FRA becomes lead agency for NEPA completion, project redefined as High Speed Rail-Only

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 11 BRYAN BAKER, and CLYDE THOMAS WILLIAMS

12 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**  
**FOR THE COUNTY OF LOS ANGELES**

13

14

15 CLIMATE RESOLVE, a California Nonprofit ) CASE NO.: BS166680  
 Corporation, BRYAN BAKER, an individual; and )  
 16 CLYDE THOMAS WILLIAMS, an individual; ) **STIPULATION RE SETTLEMENT AND**  
 ) **REQUEST FOR CONTINUING**  
 17 Plaintiffs and Petitioners. ) **JURISDICTION PURSUANT TO CCP §**  
 18 v. ) **664.6; [PROPOSED] ORDER**  
 )

19 CALIFORNIA DEPARTMENT OF ) California Environmental Quality Act  
 20 TRANSPORTATION, a Public Agency; and ) (Cal. Pub Res. Code § 21000 *et seq.*)  
 DOES 1-100. )  
 21 )  
 22 Defendants, Respondents and Real )  
 Parties In Interest. )  
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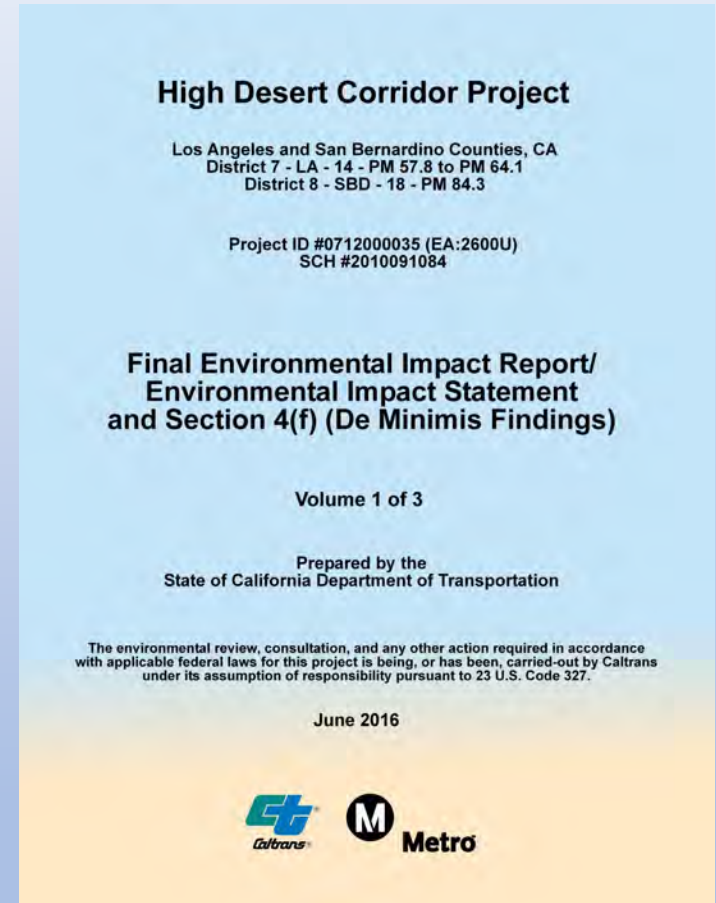


# Environmental Clearance: Reevaluation NEPA Process

FRA must determine whether approved 2016 Final EIR “remains valid” prior to issuing a Record of Decision (ROD) or whether supplemental NEPA review would be required.

Agency considers several factors:

- Have applicable laws or regulations changed that would substantially alter the FEIS conclusions?
- Have significant changes in the environmental setting occurred?
- Has the project changed since publication of the FEIS?
- If so, do project changes result in new or more severe environmental consequences?
- Should additional mitigation measures be considered?





# Project Changes since Caltrans EIR/EIS 2016

- **Removal of Freeway Component.** Caltrans studying widening SR18/SR138 as continuous 4-lane facility.
- **Palmdale Station Connection** – Revised to connect to current California HSR Palmdale Station design – affects ~1.5miles of track alignment
- **Victor Valley Station Connection** – Revised to connect to Brightline West In-line station at Dale Evans Parkway in Apple Valley – affect ~ 4 miles of track alignment
- Track alignment between Palmdale and Victorville – within footprint studied in Caltrans EIR/EIS



# NEPA Re-evaluation – Key Issues/Challenges

- Section 106/Cultural Resources

- Programmatic Agreement executed by Caltrans/SHPO for Highway Component
- New High Speed Rail Section 106 consultation process must be conducted to complete NEPA
- Tribal consultation policy on cultural resource evaluations has evolved substantially since 2016
- Expected completion of Brightline West Section 106 process provides a good precedent and pathway for HDC project

- Section 7/USFWS/Endangered species

- Biological Opinion issued
- Species of concern – Desert Tortoise
- Reduced impacts with Rail-Only project
- Likely need to update conservation measures and Tortoise translocation plans
- Expect Informal consultation required





# NEPA Re-Evaluation Results

- Eliminating highway element from 2016 FEIS analysis substantially reduces impacts
- High Speed Rail-only project consistent with current Federal Administration and California climate and equity priorities
- Amendments to project are generally within existing right-of-way and are not proximate to sensitive resources

# NEPA Re-Evaluation – Current Status/Next Steps

## Current Status

- Initial Re-evaluation document prepared and submitted to FRA – ongoing discussions to demonstrate why no supplemental NEPA documentation should be required
- Initiating Section 106 process – Preparing Area of Potential Effect (APE) mapping
- Preparing Visual Simulations – Indirect Effects Analysis

## Next Steps

- **Summer/Fall 2023** – Consulting with tribes, State Office of Historic Preservation (SHPO) and others on the APE, cultural resource surveys and investigations
- **Winter/Spring 2024** – Evaluating effects on cultural resources, including indirect effects; and informal consultation with USFWS regarding Desert Tortoise impact reduction
- **Spring/Summer 2024** – Complete Section 106 process, Section 7 consultation and finalize NEPA Re-evaluation
- **Fall/Winter 2024** – FRA issues Record of Decision (ROD) – NEPA complete





Juneau Douglas North Crossing Project.....	1
Kake Access Road Improvements .....	2
Statewide Equitable Community Connectivity Action Plan (SECCAP) .....	3
Koliganek to Aleknagik Road Study.....	4
Birmingham Civil Rights Crossroads: Reconnecting Historic Neighborhoods Through Active Mobility.....	5
Jefferson Street Railroad Bridge Replacement .....	6
Old Stagecoach Road Complete Streets Connector.....	7
Russellville Connected Trail System.....	8
West Valencia Road: Creating Safe and Equitable Community Connections .....	9
N15 Highway Reconstruction, Phase II Project.....	10
PHX Cultural Corridor Project .....	11
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Davis Road Planning Project .....	13
<b>Brightline West High-Speed Intercity Passenger Rail System - High Desert Stations Project .....</b>	<b>14</b>
Palomar Street Grade Separation Project: Improving Safety, Access, and Circulation .....	15
Fresno High-Speed Rail Station Historic Depot Renovation and Plaza Activation.....	16
Bayview Connections: Phase 1 Harney Way BRT and Cycletrack .....	17
Calexico Intermodal Transportation Center (ITC) .....	18
Chester Avenue Connectivity and Climate Adaptation Project .....	19
RAISE Up Watts: Catalyzing Connectivity through Active Transportation.....	20
Building Bridges to Transit Project.....	21
CO 119 Diagonal Highway Mobility Improvement Project .....	22
US 6 and Wadsworth Interchange and Multimodal Improvements Project .....	23
Delta Revitalizing Main Street Project .....	24
Foothills Transit Station and Roundabout .....	25
Idaho Springs Downtown Mobility Plan.....	26
Cortez Community RAISE Project.....	27
MOVE New Haven On-Street Bus Rapid Transit System.....	28
Downtown New London Multimodal Utilization Improvements Project .....	29
Main Street North Streetscape Improvements Project .....	30
Western Connecticut Regional Trail Bicycle and Pedestrian Planning .....	31
Wheeler Road SE Safety Project .....	32



## BRIGHTLINE WEST HIGH-SPEED INTERCITY PASSENGER RAIL SYSTEM - HIGH DESERT STATIONS PROJECT

SAN BERNADINO COUNTY TRANSPORTATION AUTHORITY

*SAN BERNARDINO COUNTY, CA: CALIFORNIA*

**CAPITAL**

**RURAL**

RAISE GRANT FUNDING: \$25,000,000

**Project Description:** The project will fund the final design and construction of two intercity passenger rail stations and associated facilities in Hesperia and Victor Valley on the Brightline West high-speed rail corridor.

**Project Benefits:** The project is strong in mobility and community connectivity. It will improve system-wide connectivity with access to transit, micro-mobility, and mobility on-demand. Each of the stations will be designed and built as a multimodal hub allowing travelers to transfer to other non-rail modes of transportation easily. The stations will be fully accessible, ADA compliant, and include surface parking lots, bus pick-up/drop-off areas, and kiss and ride areas. The stations are also key parts of local mobility plans which were derived from community input.





[Press Release](#) > SBCTA AWARDED \$25 MILLION ...

## SBCTA AWARDED \$25 MILLION RAISE GRANT

Jun 28, 2023

*Funds to be Used for Brightline West Stations in Hesperia and Apple Valley, California*

**LAS VEGAS (June 28, 2023)** – Today, the U.S. Department of Transportation announced that the San Bernardino County Transportation Authority (SBCTA) received a \$25 million Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant award. The award will fund the final design and construction of two Brightline West intercity passenger rail stations and associated facilities in Hesperia and Apple Valley, Calif.

The RAISE program funds surface transportation projects that have a significant local and regional impact and address racial equity and barriers to opportunity. Brightline West’s two High Desert stations in Apple Valley and Hesperia will provide high-speed rail service to downtown Los Angeles through a connection with Metrolink’s San Bernardino Commuter Rail service, creating a much-needed transportation alternative for people living in the High Desert.

Brightline West’s \$12 billion high-speed rail system will be the first high-speed rail system in America, bringing widespread benefits to Las Vegas and Southern California. The fully electric, emission-free system will be one of the greenest forms of transportation in the U.S., removing over three million cars annually and more than 400,000 tons of CO2 each year.

Economic studies show that Brightline West will create more than 35,000 jobs including 10,000 union construction jobs and nearly 1,000 permanent jobs for operations and maintenance. The project is expected to generate more than \$10 billion in economic impact to California and Nevada. Brightline’s investment also includes more than \$800 million in roadway improvements to the I-15 corridor.

Dr. Raymond Wolfe, executive director of the SBCTA, said the funding award for the Apple Valley and Hesperia stations paves the way for a larger grant sought by Brightline West for the Las Vegas to Rancho Cucamonga system, which will improve access and connectivity across Southern California. “This will provide a direct link between the High Desert, Rancho Cucamonga, downtown Los Angeles and our own East Valley, reducing the

need to rely on personal vehicles for daily commutes, improving air quality and closing the live-work gap for millions of people. Along with other commuter projects either under way or under development, including the Arrow Line and the West Valley Connector bus rapid-transit system, Brightline West represents a cost-effective, 21st century solution to our region's transportation challenges," Wolfe said.

"The High Desert stations are an integral component to our 218-mile system and will connect millions of residents with America's first true high-speed rail system," said Sarah Watterson, president of Brightline West. "We're moving towards a groundbreaking later this year, kickstarting one of the largest job creators in the country and setting the stage for a new era in transportation. We are appreciative of our federal partners, the SBCTA and all those who support our system."

In April, the Nevada Department of Transportation in coordination with Brightline West applied for \$3.75 billion from the Federal-State Partnership for Intercity Passenger Rail Grant Program. The program, authorized by the Infrastructure Investment and Jobs Act, makes funding available for projects that expand or establish new intercity passenger rail service.

## **QUOTES FROM SBCTA RELEASE**

### Sen. Alex Padilla

"This federal funding through the historic Bipartisan Infrastructure Law is a major step in expanding rail through the High Desert. Connecting the future Brightline West corridor with Metrolink will help take cars off the road—reducing traffic congestion and emissions to create healthier air for communities throughout the region."

### Rep. Pete Aguilar

"Investing in our infrastructure not only creates good-paying jobs, it keeps our communities connected and spurs economic growth. That's why I'm proud to have helped secure over \$117 million for Inland Empire transportation projects last year. I will continue working hand-in-glove with our local community partners to secure federal resources that improve the Inland Empire economy and raise the quality of life for our residents."

### Rep. Jay Obernolte

"I'm proud to have worked alongside our San Bernardino County Transportation Authority to secure funding through the Department of Transportation to support the final design and construction of Brightline rail stations in Hesperia and Victor Valley. This high-speed rail project will bring significant new economic activity into our community, boost local job availability, and help to alleviate traffic by linking the High Desert to Los Angeles and Las Vegas. I look forward to continuing to advocate for the completion of this project."

### Art Bishop, President of SBCTA and Apple Valley Town Council

"We are thrilled to receive \$25 million in RAISE grants for the Victor Valley and Hesperia stations and are grateful for the overwhelming support of Sen. Alex Padilla and our local Congressional delegation – Jay Obernolte and Pete Aguilar– in securing this critical funding. When complete, the Brightline West project will be a game changer for our region, reducing commute times, increasing job opportunities and improving the quality of life for residents."

--END--

## ABOUT BRIGHTLINE

Brightline is the only private provider of modern, eco-friendly, intercity passenger rail service in America. The company currently serves Miami, Aventura, Fort Lauderdale, Boca Raton, and West Palm Beach in South Florida, with service to Orlando launching this summer. Recognized by Fast Company as one of the Most Innovative Companies in travel, Brightline offers a guest-first experience designed to reinvent train travel and take cars off the road by connecting city pairs and congested corridors that are too short to fly and too long to drive. Brightline West will build on this award-winning service by connecting Las Vegas and Southern California, with stations in Las Vegas, Apple Valley, Hesperia, and Rancho Cucamonga, and connectivity to Metrolink's regional rail network.

## MEDIA CONTACTS

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[Next](#) >

## Hear what's new with Brightline.

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[Our Impact](#)

[People & Culture](#)



**HIGH DESERT  
CORRIDOR**  
JOINT POWERS AGENCY

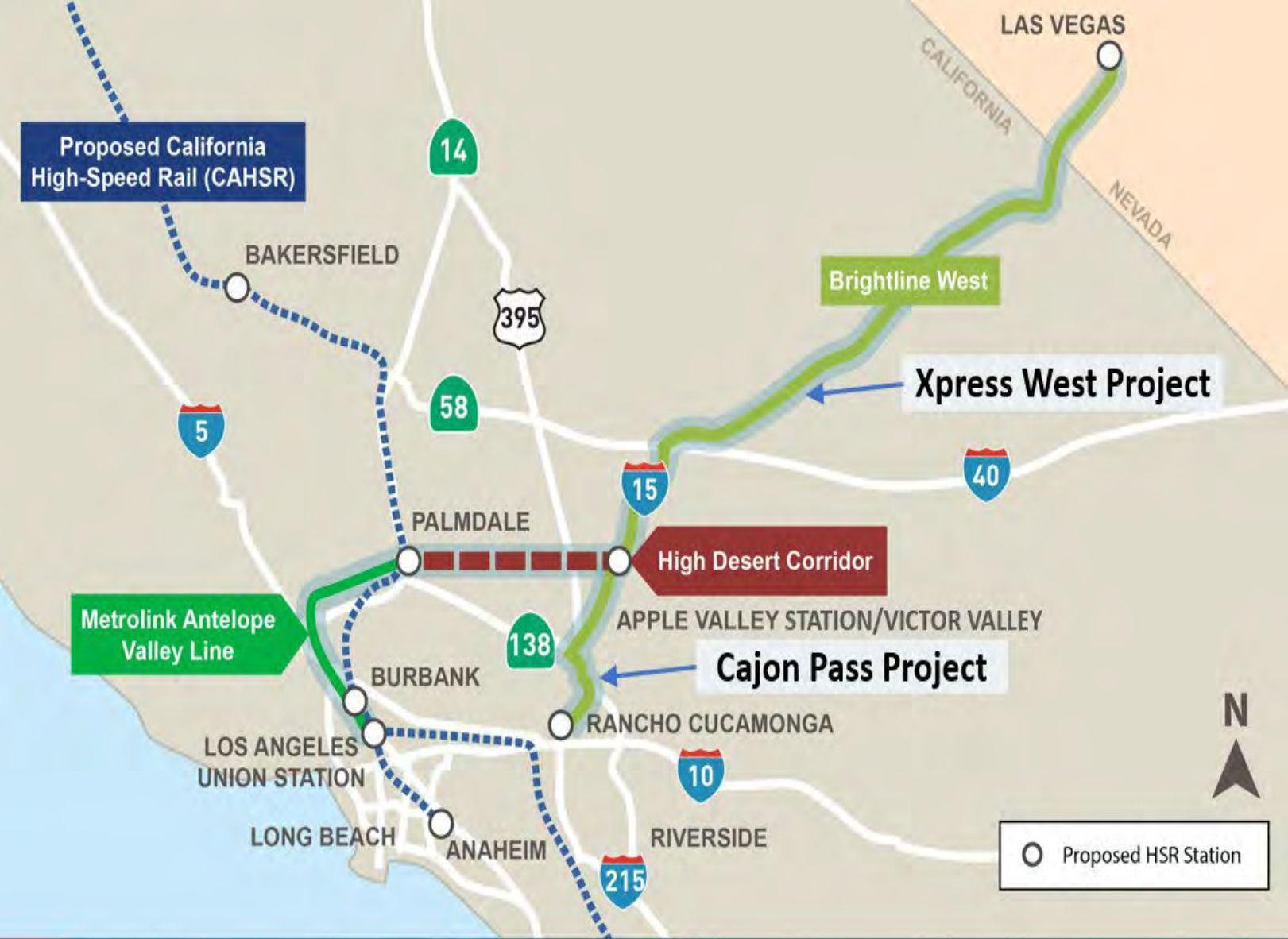


## **US High Speed Rail Association High Speed Rail 2023 Conference**

**Presentation by  
Arthur V. Sohikian  
Executive Director  
High Desert Corridor Joint Powers Agency  
May 17, 2023**



# HDC CONNECTS CA HIGH SPEED RAIL & BRIGHTLINE WEST



54-mile High Speed Rail project

Connects future CA HSR & Brightline West

Stations at Palmdale/LA County & Victor Valley/San Bernardino County

Public-Private Partnership prospects

Measure M Expenditure Plan includes \$170M in FY2019-21 for project development activities & \$1.845B for construction in 2063-67

Entire route within Equity Focused Communities



# HDC JPA BACKGROUND

---

- 2008 Measure R includes EIR funding and San Bernardino receives federal funds for their share.
- June 2016, Multipurpose Corridor CEQA approved LPA contains Highway with High Speed Rail Line in median.
- November 2016, Measure M Expenditure Plan includes \$170M in FY2019-2021 for ROW, project development activities & \$1.845B for construction in 2063-2067.
- August 2018, HDC JPA Board decides to focus on high-speed rail as the first component of the LPA.
- Dec 2020, Caltrans declares Highway “No-Build” and FWHA hands the project to the Federal Railroad Administration for the high speed rail component.
- Feb 2022, FRA becomes NEPA Lead agency w/7 interested parties including tribal nations.
- September 2022, High Desert Corridor Joint Powers Agency reconfigures member jurisdictions to include 6 members; Los Angeles County, Los Angeles County Metropolitan Transportation Authority (LA Metro), Cities of Lancaster & Palmdale in LA County and Adelanto & Victorville in San Bernardino County.

# HDC JPA MILESTONES

---

- January 2023: Metro Board approves \$8.5M in Measure M local match for federal & state grant opportunities for the HDC High Speed Rail Project.
- February 2023. FRA NEPA Kick-off mtg. NEPA completion with ROD estimated by end of FY24 (June 2024).
- March 2023: HDC JPA applies for entrance into the FRA Corridor Identification & Development Program seeking \$500,000 in grant funds leveraging Measure M and CA TIRCP funds. Grant awards likely in Fall 2023.
- April 2023: HDC JPA approves FY24 Budget and request LA Metro Board approve in May 2023. FY24 Budget highlights: continued NEPA/ROD work with FRA, procure Program Management Support Services & Financial Advisory Services to conduct 30% Preliminary Engineering/Design. PE 30% Design contract award expected in FY25 budget.
- April 2023: HDC JPA receives \$8M CalSTA Transit & Intercity Rail Capital Program grant for 30% PE Design



# **HIGH DESERT CORRIDOR**

**JOINT POWERS AGENCY**







RESTAURANT

OFFICE

TO TRAINS

HDC

HDC



# PALMDALE



SCHEDULES

meet me  
in the  
GAP

HDC

PALMDALE





STATION

RET

HDC

Information board with multiple lines of text and a small image at the top.





# **HIGH DESERT CORRIDOR**

**JOINT POWERS AGENCY**





**COMPANY PRESENTATION**

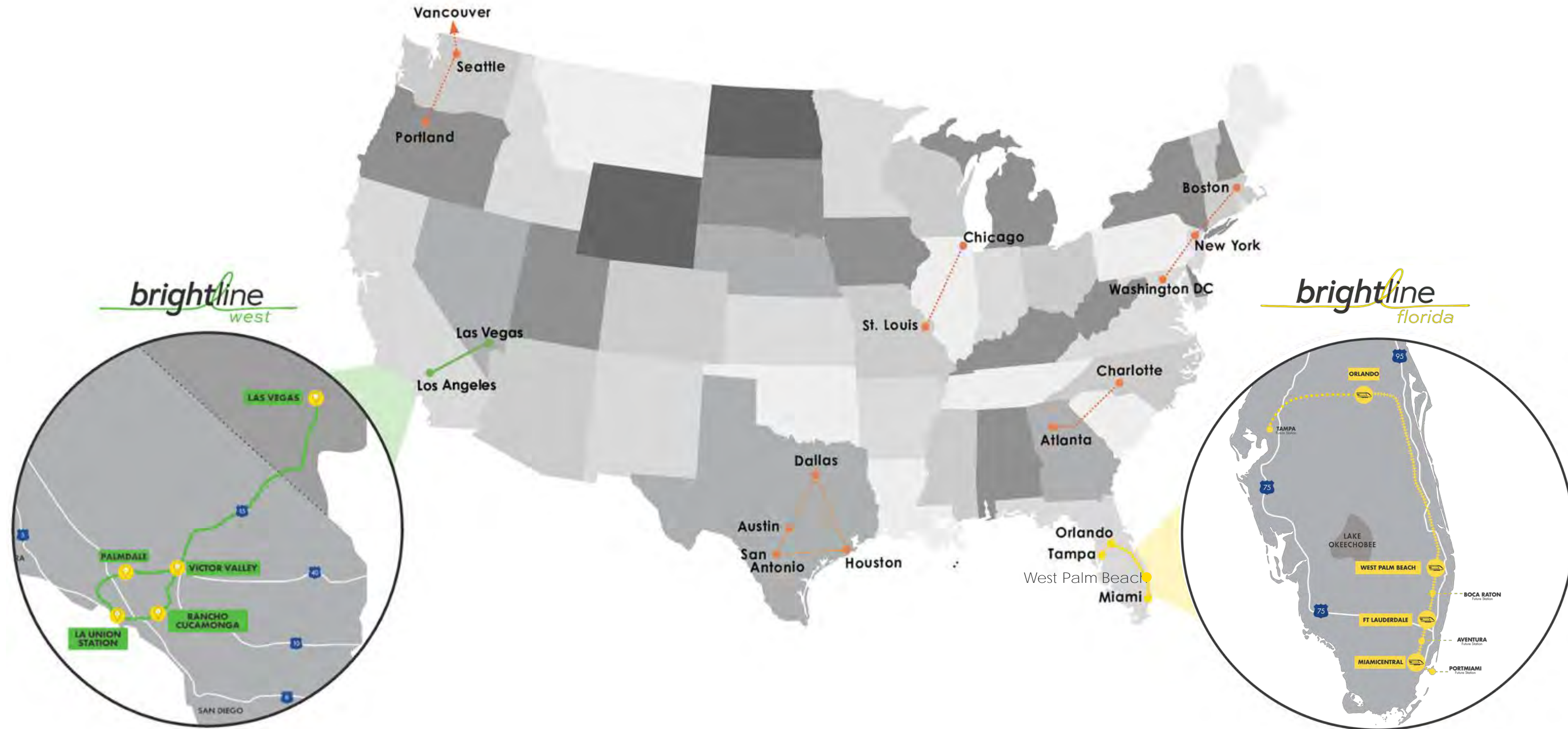
Mike Reiningger  
May 2023





# Our Company

The only major privately held express passenger rail business in the U.S.

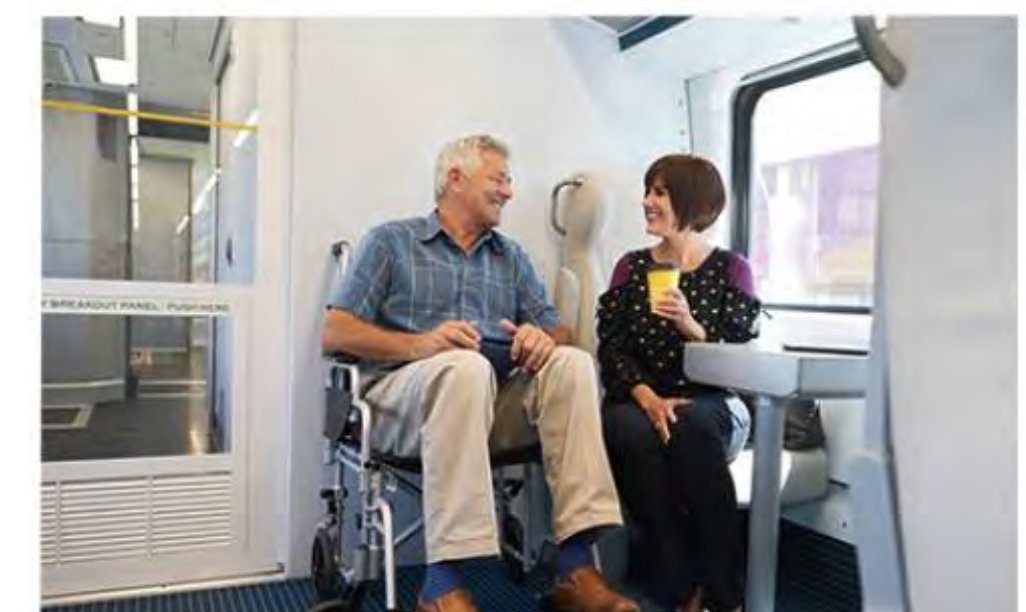


COMPANY GOAL IS TO CONNECT CITY PAIRS THAT ARE  
"TOO LONG TO DRIVE AND TOO SHORT TO FLY"



# Brightline Florida: Our First Passenger System

- Brightline opened in 2018, with stations in Miami, Fort Lauderdale and West Palm Beach
- Expansion to a flagship station in Orlando, as well as several in-line stations, is underway
- Reimagined train travel to be more hospitality focused, driving wide customer satisfaction
- Our presence has re-energized neighborhoods, through transit oriented-development









## KEY DOWNTOWN LOCATIONS







Miami Central features office, residential and retail

## CURRENT STATIONS

-  MIAMICENTRAL
-  AVENTURA
-  FORT LAUDERDALE
-  BOCA RATON
-  WEST PALM BEACH
-  ORLANDO (2023)

## LEAD CUSTOMER SATISFACTION

	<b>75</b>
	<b>75</b>
	<b>74</b>
	<b>68</b>
	<b>63</b>
	<b>62</b>
	<b>60</b>
	<b>43</b>



# Creating Economic Benefits To The Nation's 3<sup>rd</sup> Largest State

**\$6.4**  
Billion

Direct impact to Florida's economy over 8-year construction & implementation

**\$3.5**  
Billion

Added to Florida's GDP through 2021

**\$2.4**  
Billion

In labor income

**\$653**  
Million

In federal, state, and local government tax revenue

**10,000**  
+

Jobs created per year through rail-line construction

**2,000**  
+

Jobs created post rail-line construction

**3**  
Million

Cars removed from roadways annually

**160,000**  
Metric Tons

Of CO<sub>2</sub> removed annually

SOURCE: The Washington Economics Group was retained to provide a comprehensive, economic impact analysis study, utilizing widely accepted methodologies and specific and accurate input of data, which encompasses the construction of the rail infrastructure and Transit-Oriented Development.



Brightline makes history as fastest train in US outside of Northeast

- 35-mile fenced corridor (no grade crossings)
- Travel from Orlando International Airport to Brevard County at 2 miles / minute
- Broke own previous record of 110mph set in the fall of 2022 -- corridor between Cocoa and West Palm Beach

## Brightline reaches new levels with top speed



A Brightline test train approaches Dallas Boulevard along the company's tracks just south of the Beachline Expressway. Brightline officials say their trains are now the fastest in the Southeast. PROVIDED BY BRIGHTLINE.

### Train zooms up to 130 mph between Orlando and Cocoa

**Rick Neale**

Florida Today | USA TODAY NETWORK — FLORIDA

Brightline officials say their trains are the fastest in the Southeast after a test run accelerated up to 130 mph along the private company's rural 35-mile rail corridor between Cocoa and Orlando International Airport.

And within a couple weeks, Brightline trains may start Brevard County test runs reaching speeds of 130 mph between Post Road in Melbourne and the cement plant north of Gas Hipp Boulevard in Rockledge, said Katie Mitzner, company spokesperson.

"Last fall, we began testing at 110 in Martin and St. Lucie counties. We are

currently testing at 110 down in northern Palm Beach County. Our plan is to begin testing at maximum speeds of 110 through (central) Brevard County in mid- to late March," Mitzner said.

High-speed train-test runs debuted last week along Brightline's tracks par-

See BRIGHTLINE, Page 5A





Introducing

**brightline**  
west



What is Brightline West?

Only true U.S. high-speed rail project that can be operating in 2028

Building 218-mile system within I-15 median:

- All-electric system linking Southern CA and Las Vegas
- 50M one-way trips occur annually by car/air within region
- Trains capable of 186 mph or higher speeds

Invested \$600M privately to date to secure:

- ✓ All critical station land and alignment right-of-way
- ✓ Permits and environmental approvals
- ✓ Engineering & pre-construction planning

\$12B U.S. high-speed “demonstration project”:

- Applied for \$3.75 billion Fed-State Partnership grant
- Remaining ~70% of funds will be privately funded
- Break ground in Q4'23 and open before LA 28 Olympics





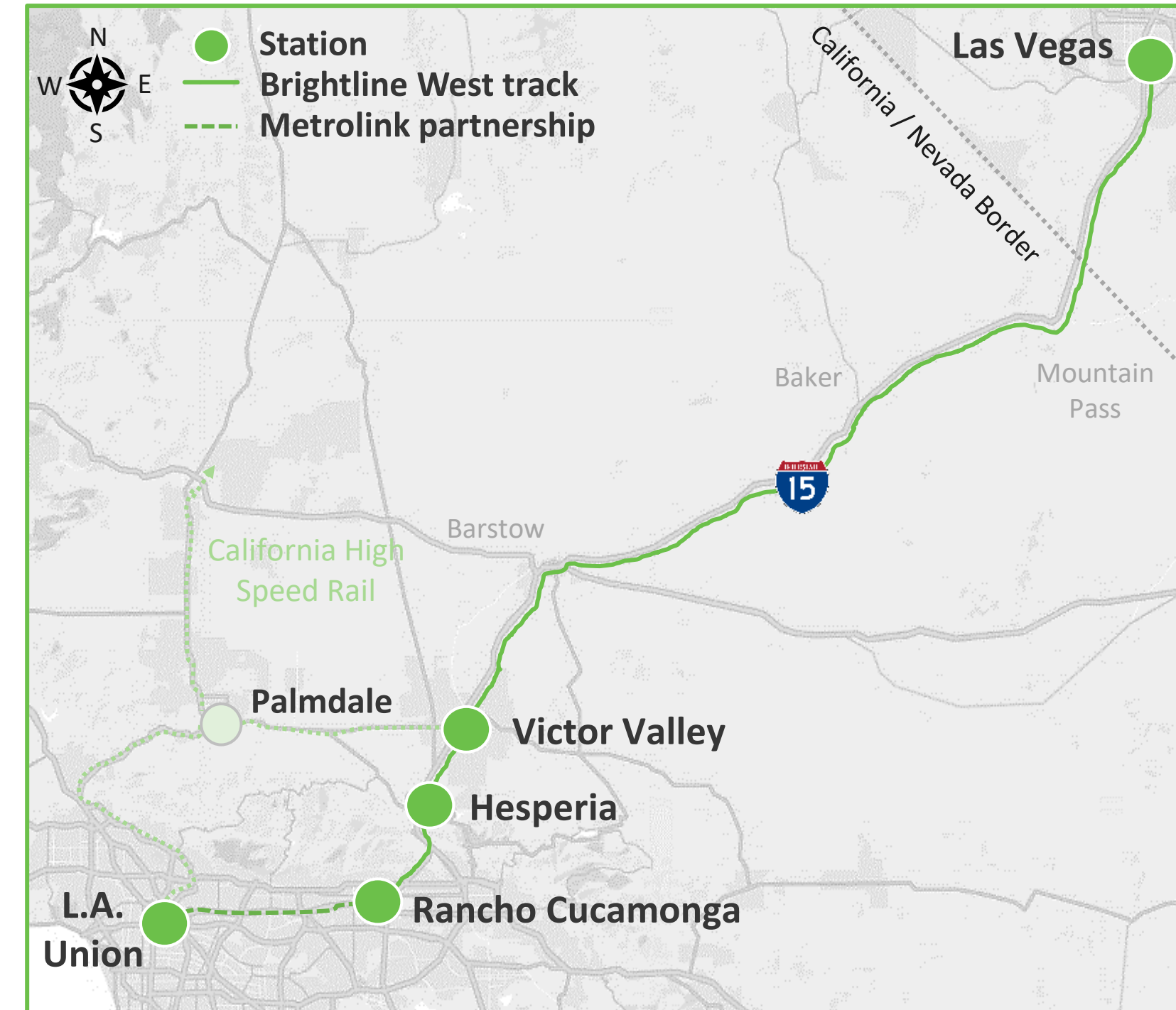
# Connecting Iconic Destinations

Brightline stations in Las Vegas, Apple Valley, and Rancho Cucamonga

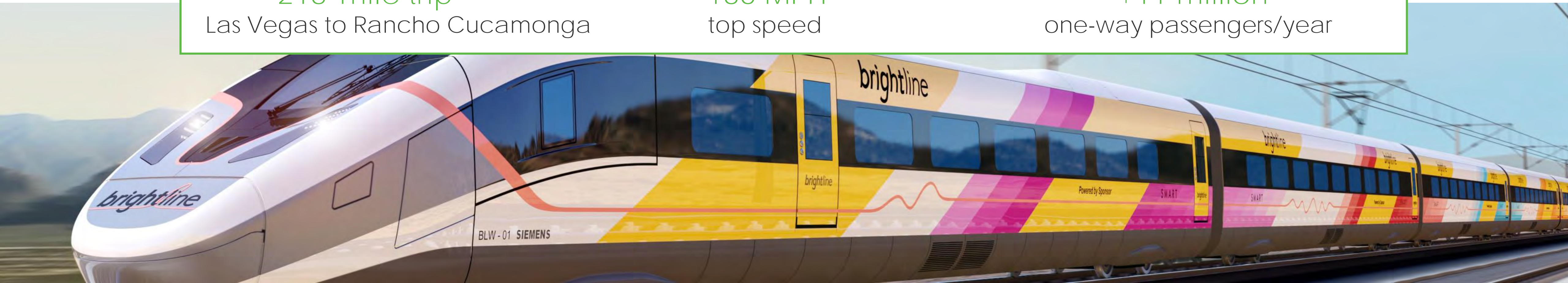
- Connecting to LA via direct Metrolink connection
- “Local service” being planned for Hesperia

Brightline track will run within the I-15

- Building in the I-15 median and existing transportation corridors
- Leverage existing and proven high-speed rail technology
- Capable of making trip between Rancho and Vegas in ~2 hours



<b>218-mile trip</b> Las Vegas to Rancho Cucamonga	<b>186 MPH</b> top speed	<b>+11 million</b> one-way passengers/year
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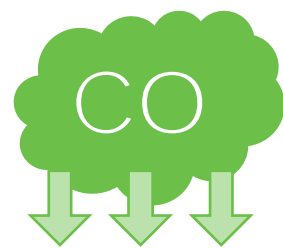
## Brightline West Project Benefits

# Project perfectly positioned to advance ALL Biden Administration & USDOT priorities



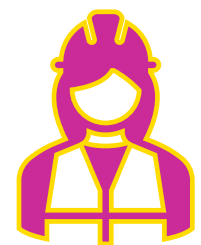
### American Made By Union Labor

- Start of high-speed train “industry” in America
- \$12B project will be +95% sourced & bought from U.S.
- Union pacts in place to support +10K field jobs & +900 operations jobs



### Green & Safe

- Emission-free trains & power result in 400K ton annual CO<sub>2</sub> decrease
- Equal to 3M cars off road + 16K short-haul flights not flown
- Also results in large reduction in highway-related deaths & injuries



### Plants the Flag for True American High-Speed Rail

- There are many “too long to drive, too short to fly” city pairs in U.S.
- America deserves to set the global standard for high-speed rail
- BLW will be demonstration project spurring more systems to be built



Las Vegas Station Aerial



Rancho Cucamonga Station Exterior



Las Vegas Station Interior

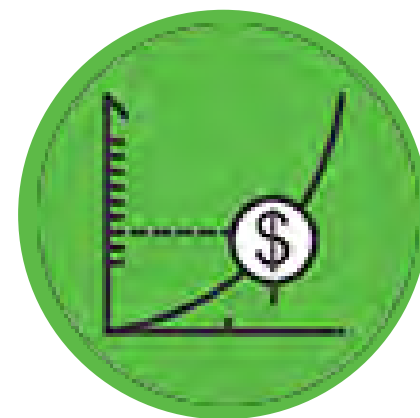


# Only Shovel-Ready Project to Deliver High-Speed Rail to America



Boost of private capital towards infrastructure development

*\$10 billion project with direct impact on communities*



Significant economic impact and job creation

*35,000 construction jobs  
~1,000 permanent jobs  
\$10 billion in economic impact*



Less traffic on local roadways

*Removes 3+ million cars from the road annually*



Greater connectivity to car-free transit options

*Seamless connections to rail, bus, and other transit*



Committed to building and operating trades

*Workforce diversity, training and career opportunities*



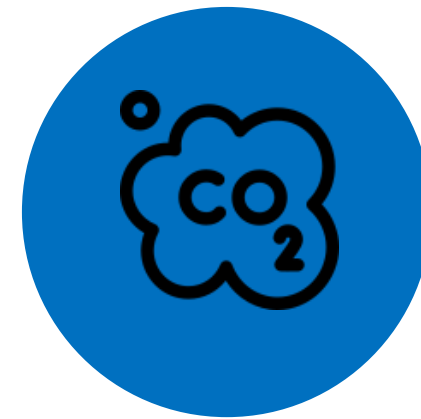
More access to economic centers & new and expanded job markets

*Greater regional connectivity spurs economic opportunity*



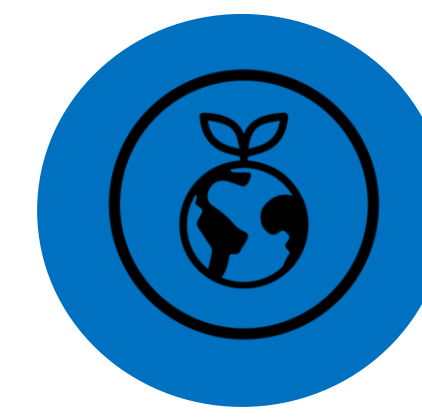
Increased real estate value and affordable development opportunities

*Significant potential development around station sites*



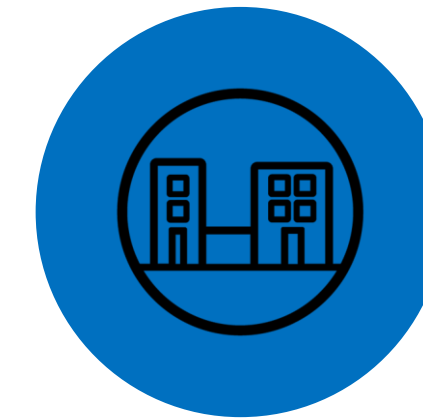
Reduced carbon emissions and vehicle miles traveled

*400K tons of CO2 removed, 700+ million VMTs less per year*



Maintain or improve existing wildlife crossings

*Applies to 700+ existing crossings  
3 wildlife overcrossings*



Engagement with local education communities

*Transportation education services, internships, and scholarships*



# Las Vegas Station

Located near the iconic Las Vegas Strip, on 110 acres north of Blue Diamond Rd between I-15 and Las Vegas Blvd; plans to work with Las Vegas resorts to accommodate guests the minute they arrive at the station





# Las Vegas Station



Las Vegas Station exterior



Las Vegas Station interior



# Victor Valley in-line Station

Located on 300 acres SE of Dale Evans Pkwy and I-15 in Apple Valley; potential future connection to CA High Speed Rail via High Desert Corridor



Victor Valley in-line station  
design



# Victor Valley in-line Station



Victor Valley Station exterior  
(platform)



Victor Valley Station exterior  
(entrance)



Victor Valley Station interior



# Rancho Cucamonga Station

Located on 5 acres at the NW corner of Milliken Ave and Azusa Ct near Ontario Airport and co-located with existing multi-modal transportation options, including Metrolink



Rancho Cucamonga Station exterior



# Rancho Cucamonga Station



Rancho Cucamonga Station

Interior



# Conceptual Rolling Stock Renderings





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[Brightline Trains](#)







**CALIFORNIA**  
High-Speed Rail Authority

**California High-Speed Rail:  
America's Game-Changing Megaproject**

May 16, 2023



# Central Valley Construction







# Central Valley Initial Operating Segment

- 171 Miles
- 100% environmentally cleared
- 119 miles under construction
- 52 miles starting advanced design (pre-construction work)
- Design for Central Valley Stations
- Track and Systems contract in 2023
- Train procurement in 2024

**Goal: Initial operations between 2030 to 2033**

# Creating Jobs

- **10,000+ Construction Jobs Created**
  - » 1,000+ construction workers dispatched to sites daily
  - » 70% of workers from disadvantaged communities
  - » 30+ active construction sites
- **Pre-Apprenticeship Training Center**
  - » 12-week program targeting veterans, at-risk young adults, minority and low-income Central Valley residents
  - » 10 trades taught to each cohort
- **763 Small Businesses Employed**
  - » 237 are Disadvantaged Business Enterprises
  - » 90 Disabled Veteran Business Enterprises





# Bay Area

## Valley to Valley Segment

- 159 Miles
- 100% environmentally cleared
- Eligible to begin advanced design in 2022/2023
- Corridor electrification underway on 51 miles through Caltrain Electrification Project
- DTX station coordination
- Corridor grade separation coordination
- Segment construction is unfunded

**Goal: Advance design work in 2023, identify “shared corridor” early capital investments, develop funding plan options**

# Southern California Completion of Phase 1

- 164 Miles
- 92 miles (56%) environmentally cleared in 2022 (remainder in 2023/24)
- Some advanced design could begin in 2023
- LA Union Station Phase A progressing
- Segment construction is unfunded

**Goal: Complete all environmental; begin advanced design in 2023; identify “shared corridor” early capital investments; develop segment funding plan options**



# Upcoming Milestones

- 2023
  - » CP 4 construction completion
  - » Track and Systems Procurement
- 2024
  - » Trainset procurement
- 2026
  - » CP 1 and CP 2/3 construction completion
- 2028
  - » Track and Systems completion for 119-mile test track
- 2029/2030
  - » Testing on 119-mile test track
  - » Completion of extensions into Merced and Bakersfield
- 2030/2033
  - » Passenger service begins



# Federal Grant Funding Opportunities

Grant Program	Date	Amount	Scope
<b>AWARDED</b>			
<b>RAISE</b>	Date Awarded December 2021	\$24M (Grant Awarded) \$76M (Total Project Cost)	<u>Wasco</u> <ul style="list-style-type: none"> <li>Wasco SR 46 Improvement Project</li> </ul>
<b>RAISE</b>	Date Awarded August 2022	\$25M (Grant Awarded) \$41M (Total Project Cost)	<u>Merced Extension Design</u> <ul style="list-style-type: none"> <li>Advance Design for the Merced Extension</li> </ul>
<b>APPLICATIONS SUBMITTED/PENDING AWARD NOTIFICATION</b>			
<b>Railroad Crossing Elimination</b>	Application Submitted October 11, 2022	\$67M (Grant Request) \$84M (Total Project Cost)	<u>Six Grade Separations</u> <ul style="list-style-type: none"> <li>Construct 2 grade separations</li> <li>Complete design and ROW for 4 grade separations</li> <li>Continue “Central Valley Training Center” funding</li> </ul>
<b>CRISI</b>	Applications (2) Submitted December 1, 2022	\$233M (Grant Request) \$292M (Total Project Cost) \$2M (Grant Request) \$3M (Total Project Cost)	<u>Six Grade Separations</u> <ul style="list-style-type: none"> <li>Construct 6 grade separations</li> </ul> <u>Central Valley Training Center</u> <ul style="list-style-type: none"> <li>Continue “Central Valley Training Center” funding</li> </ul>
<b>RAISE</b>	Application Submitted February 27, 2023	\$25M (Grant Request) \$33.2M (Total Project Cost)	<u>Fresno Station Historic Depot</u> <ul style="list-style-type: none"> <li>Enhance future Fresno HSR Station</li> </ul>
<b>Federal/State Partnership</b>	Applications (2) Submitted April 20, 2023	\$2.83B (Grant Request) \$3.53B (Total Project Cost)  Also requested a multi-year Phased Funding Agreement	<u>Inaugural High-Speed Service</u> <ul style="list-style-type: none"> <li>Procure 6 Trainsets</li> <li>Construct 2<sup>nd</sup> Track</li> <li>Construct Fresno Station</li> <li>Complete Final Design, ROW, and Utility Relocation on M&amp;B Extensions</li> </ul>
		\$194M (Grant Request) \$242M (Total Project Cost)	<u>Advance Design/Geotech Studies</u> <ul style="list-style-type: none"> <li>San Jose to Merced</li> <li>Bakersfield to Palmdale</li> </ul>



# Stay Connected

Social Media, Newsletters and Websites



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Visit the California High Speed Rail Authority website at [hsr.ca.gov](https://www.hsr.ca.gov)  
and Build HSR California at [BuildHSR.com](https://www.BuildHSR.com)



## Board Report

File #: 2023-0099, File Type: Program

Agenda Number: 6.

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### PLANNING AND PROGRAMMING COMMITTEE MAY 17, 2023

**SUBJECT: HIGH DESERT CORRIDOR FY24 WORK PROGRAM**

**ACTION: APPROVE RECOMMENDATIONS**

#### **RECOMMENDATION**

CONSIDER:

- A. APPROVING \$1,947,500 in Measure M High Desert Multipurpose Corridor (HDMC) funds identified in the Expenditure Plan for Right-Of-Way acquisition to be repurposed to the High Desert Corridor (HDC) Joint Powers Agency (JPA) for the FY 24 work program; and
- B. AUTHORIZING the Chief Executive Officer (CEO) to negotiate and execute all necessary funding agreements with the HDC JPA.

#### **ISSUE**

The HDC JPA has requested that Metro provide funding for the FY 24 HDC work program, which includes mobilization costs leading toward 30% design of the HDC (See Attachment A).

#### **BACKGROUND**

The HDMC project, a Measure M Expenditure Plan project, comprises a High Speed Rail (HSR) component project, which will implement a new 54-mile east-west rail alignment between the future Palmdale Multimodal HSR Station and the Brightline West Station in Victor Valley. The HDMC HSR Project (Project) will link the Metrolink Antelope Valley Line (AVL) with two future HSR lines-California HSR and Brightline West. At Palmdale, Project riders will be able to transfer to AVL for connections south to Los Angeles and to the north with the planned California HSR service to the Bay Area (see Attachment B). Brightline West is a new privately funded HSR service that will connect Las Vegas with Victor Valley and, ultimately, Rancho Cucamonga, where riders can connect to the Metrolink San Bernardino Line for connections to Los Angeles.

The Project is consistent with the State Rail Plan's overall objective to improve the connectivity of California's planned rail network. The Project also supports the State's ambitious greenhouse gas reduction efforts and provides economic development and mobility benefits for a region that includes many historically underserved, low-income, and disadvantaged communities.



In 2016, the California Department of Transportation (Caltrans) completed the California Environmental Quality Act (CEQA) review of the Project. The Locally Preferred Alternative (LPA) included the construction of a four-lane freeway and HSR service between Palmdale and Victorville. In December 2020, Caltrans informed FHWA that the “no build” option was selected for the Freeway/Tollway element of the HDMC. In April 2021, the HDC JPA requested that the HSR Project move forward with the Federal Railroad Administration (FRA) as the lead agency for National Environmental Protection Act (NEPA) review. In February 2023, the FRA launched the final review of the NEPA process.

### Board Actions to Date

In August 2020, the Metro Board approved a Life-of-Project (LOP) budget of \$5 million to develop a High Desert Intercity Rail Corridor Service Development Plan (SDP). Metro, in partnership with the California State Transportation Agency (CalSTA) and Brightline West, developed the SDP in coordination with the HDC JPA and other stakeholders, including Los Angeles County Public Works Department, Palmdale, Lancaster, San Bernardino County Transportation Authority, San Bernardino County Public Works Department, Victorville, Adelanto, Apple Valley, California HSR Authority, Southern California Regional Rail Authority (SCRRA), and others.

In April 2022, the Metro Board approved an increase of \$500,000 in the LOP budget to complete the HDC SDP to develop additional engineering analysis, rail operation analysis, operations and maintenance plans, and coordinate with stakeholders. In addition, the Metro Board approved \$1,236,500 for the FY 23 HDC JPA work program.

In August 2022, the Metro Board approved Metro’s participation in the new HDC JPA, replacing the previous HDC JPA after the decision from San Bernardino County to withdraw from the HDC JPA.

In January 2023, the Metro Board programmed \$8,500,000 to the HDC JPA as local match for a State Transit and Intercity Rail Capital Program (TIRCP) grant and for the FRA Corridor Identification and Development (ID) Program for project development and to advance the HDMC HSR Project towards 30% design.

### Draft Service Development Plan (SDP)

The Draft SDP is a planning-level document that provides Metro and project stakeholders with the information needed to assess the utility of establishing HSR service along the HDMC, the costs of implementation, and the next steps to advance the Project. Three service scenarios were considered, including a “one-seat ride” scenario from Los Angeles Union Station (LAUS) to Las Vegas, with connectivity to the California HSR network in 2035. With the one-seat ride scenario, LAUS - Las Vegas, there is a 3-fold increase in ridership, and the net revenues can exceed the net operating costs. Some of the key highlights of the Draft SDP are as follows:

<b>HIGH DESERT CORRIDOR DRAFT SERVICE DEVELOPMENT PLAN</b>			
	<b>One-Seat Ride Palmdale - Las Vegas</b>	<b>One-Seat Ride LAUS - Las Vegas</b>	<b>Two-Seat Ride Palmdale - Las Vegas</b>
Los Angeles Union Station – Las Vegas Trip Time	4:32	2:54	4:32
Total Annual Ridership (2035)	2,485,000	9,206,000	2,374,000
CHSR assumed to be operational to LAUS?	No	Yes	No
Total Operating Costs (2035)	\$64M	\$159M	\$61M
Total Operating Revenues (2035)	\$34M	\$390M	\$14M
Projected Annual Net Revenue/(Subsidy) (2035)	(\$30M)	\$231M	(\$47)
Capital Costs (Year Of Expenditure \$\$\$)	\$5.8B	\$6.6B	\$5.5B
Annual Greenhouse Gas Reductions - Metric Tons (2035)	2,105	34,403	703

**DISCUSSION**

On April 20, 2023, the HDC JPA Board approved the proposed FY 24 budget and work program, subject to Metro Board approval. The FY 24 work program consists primarily of completing the NEPA process, managing the HDC JPA, and obtaining project management and financial advisory services as the HDC JPA mobilizes towards 30% design (see Attachment C).

30% Design and Grants Funding Strategy

With the completion of the NEPA process anticipated to occur in 2024, the next step for the HDC JPA is to advance the design of the HDMC HSR Project. The advance to 30% design for the 54-mile Project is estimated to cost \$70M. This estimate was identified in the Draft SDP and includes additional contingency and escalation costs. The \$70M cost estimate is consistent with Metro and rail industry standards.

In January 2023, the Metro Board programmed \$8,000,000 to the HDC JPA as a local match for a TIRCP grant request and \$500,000 as a match for an FRA Corridor ID Program grant request for HDMC HSR project development. In April 2023, CalSTA announced the award of \$8,000,000 to the HDC JPA for the Project. This brings the total amount of funding anticipated for the HSR Project to \$17,000,000 as summarized in Attachment D. The HDC JPA intends to leverage the \$17,000,000 so far to the Project as a match towards future grant requests, such as the Federal-State Partnership for Intercity Passenger Rail Grant Program, to provide additional funding to advance the Project to 30% design.



**DETERMINATION OF SAFETY IMPACT**

The advancement of the Project will be done in accordance with all applicable FRA, CPUC, CHSRA, Brightline and SCRRRA design and engineering standards, which will maximize Americans with Disabilities Act (ADA) and safety benefits to the public.

**FINANCIAL IMPACT**

The Measure M Expenditure Plan includes \$170M for the Project for right-of-way (ROW) acquisition or other project uses. Recommendation A will program and repurpose the funds from ROW acquisition to 30% design. Currently, there is approximately \$153M available which could be used by the HDC JPA to fund the FY 24 work program and mobilize towards 30% design.

<b>Measure M Funding Plan for HSR Project ROW Acquisition</b>	<b>\$ 170.0M</b>
- Service Development Plan (Metro Board 8/2020)	(\$ 5.0M)
- HDC JPA FY 23 Work Program (Metro Board 4/2022)	(\$ 1.7M)
- Match to TIRCP/FRA Grant Requests (Metro Board 1/2023)	(\$ 8.5M)
<b>Subtotal:</b>	<b>\$ 154.8M</b>
- FY 24 Work Program Request (Metro Board 5/2023)	(\$ 1.9M)
<b>Projected Measure M Balance for HDC</b>	<b>\$ 152.9M</b>

Impact to Budget

\$2,000,000 has been included in the FY24 Proposed Metro Budget for the HDC JPA FY 24 work program under project number 475499. This is in addition to the \$8,500,000 approved by the Metro Board in January 2023 as a match for the TIRCP and FRA Corridor ID Program grant applications. It will be the responsibility of the Chief Planning Officer to program funds in future years for the HDC JPA for this multi-year program. Annual funding agreements between Metro and the HDC JPA will be audited and reconciled each year for cash flow needs. These funds are not operating eligible funds.

**EQUITY PLATFORM**

Recommendation A will enable the Project environmental process to be finalized plus mobilize the HDC JPA towards 30% design, and eventual construction of the Project, subject to funding availability. The Project will improve mobility for residents in the North Los Angeles County by providing a high quality, environmentally friendly, safe, and efficient transportation option to the communities to access jobs, health care, education, other services, and economic opportunities offered at major urban and employment centers in Los Angeles and Las Vegas.

The entire Project area falls within the low-income communities and households as defined by AB 1550. A significant portion also falls within the disadvantaged and low-income communities as defined by SB 535. The Project also traverses through Metro's Equity Focus Communities in the Antelope Valley. In addition, residents within the Project area are predominantly from minority

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populations, between 61% and 77%, with the highest percentage of minority populations in the City of Palmdale. Many of the minority populations include people with limited English proficiency.

The cities of Adelanto and Victorville in San Bernardino County are designated as high poverty areas. The multi-modal Palmdale High Speed Rail station will be designed to meet the latest ADA requirements along with commuter rail, bus transit, Access Services, rideshare, and active transportation needs.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

Recommendation A supports the Metro Vision 2028 Strategic Plan goals 1, 4 and 5 as follows:

- Goal 1.2: Invest in a world-class transit system that is reliable, convenient, and attractive to more users for more trips;
- Goal 4.1 Work with partners to build trust and make decisions that support the goals of the Vision 2028 Plan;
- Goal 5.2 Exercise good public policy judgment and sound fiscal stewardship.

### **ALTERNATIVES CONSIDERED**

An alternative is that the Board does not approve Recommendation A. This is not advised since Metro has completed the Draft SDP, which has identified strong environmental and ridership benefits for the HSR Project. The HDC JPA also recently received an \$8,000,000 State TIRCP grant plus \$500,000 anticipated from the FRA to advance the Project, indicating strong support from state and federal partners that this project has merit and provides value to the Southern California rail network.

### **NEXT STEPS**

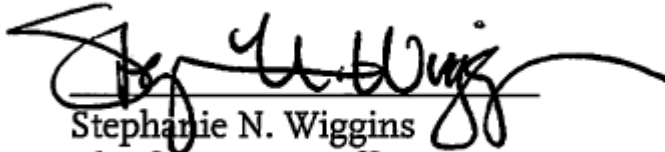
Subject to Board approval of the recommendations, Metro will execute a funding agreement with the HDC JPA to implement the FY 24 work program. The HDC JPA will continue efforts toward environmental clearance, with a Record of Decision (ROD) expected in Spring 2024. Concurrently, the HDC JPA will hire program management, financial advisory services, and additional contract staff in anticipation of the release of a Request for Proposals (RFP) for 30% design, expected to occur in FY 25. Staff will return to the Board with periodic updates as needed.

### **ATTACHMENTS**

- Attachment A - HDC JPA Funding Request
- Attachment B - HDMC Corridor Map
- Attachment C - HDC JPA FY 24 Work Program
- Attachment D - HDC JPA Grants Funding Strategy

Prepared by: Jay Fuhrman, Manager, Transportation Planning, (213) 547-44381  
Michael Cano, Executive Officer, Countywide Planning and Development (213)  
418-3010  
Ray Sosa, Deputy Chief Planning Officer (213) 547-4274

Reviewed by: James de la Loza, Chief Planning Officer (213) 922-2920



Stephanie N. Wiggins  
Chief Executive Officer





February 26, 2023

Mr. Jim de la Loza  
Chief Planning Officer  
Los Angeles County Metropolitan Transportation Authority  
One Gateway Plaza, Los Angeles, CA 90012

RE: **HDC JPA FY2023-24 Work Program for High Speed Rail Project**

Dear Mr. de la Loza,

On behalf of the High Desert Corridor Joint Powers Agency (HDC JPA), we appreciate the partnership with Metro to advance the High-Speed Rail Project in the North LA County Subregion. As a result of this partnership, the project is moving forward with the active support and leadership of the Federal Railroad Administration staff. And as we approach the next fiscal year (FY24), it is critically important to provide Metro with a summary of the work program. To accomplish the work program together with Metro, the HDC JPA is requesting Metro Board consideration and approval of the HDC JPA Fiscal Year 2024 Work Program for the High Speed Rail Project at their regular Board meeting in May. The following paragraphs provide the work program summary for Fiscal Year 2024 (Attachment A FY23-24 Budget).

#### **FY 2023 HDC Update**

The HDC JPA has accomplished a number of major milestones highlighted below:

- High Speed Rail Project NEPA completion estimated 3rd Qtr FY24 target. ROD by 4<sup>th</sup> Qtr FY24.
- HDC JPA Federal and State Grant Strategy to seek funds to complete 30% Preliminary Engineering (Attachment B).
- Jan 2023, Metro Board allocates \$8.5M Measure M local match for federal and state grant requests.
- Feb 2023, HDC submits CA TIRCP \$8M request. CalSTA Grant Award announcements on April 24.
- March 24<sup>th</sup>, HDC will submit the FRA Corridor Identification Program grant request for \$500,000.
- HDC JPA will consider/approve FY2023-24 Budget/Work Program of \$1,947,500 at their April 20, 2023 Board meeting (Attachment A).

#### **HDC JPA FY2023-2024 Work Program**

The HDC JPA FY24 Work Program of \$1,947,500 seeks to work with the Federal Railroad Administration staff towards completing NEPA environmental clearance and to seek a Record of Decision. The FY24 Work Program includes the procurement process to onboard a Financial Advisory firm as well as a Program Management Support Services firm to provide the expertise to initiate the Preliminary Engineering phase to a 30% level of design. The Preliminary Engineering phase of the project would commence during FY25 after completing the NEPA environmental clearance and obtaining the Record of Decision.

#### **HDC JPA Multi-Year Work Program to achieve 30% Design is estimated to cost \$69,780,000.**

**Preliminary Engineering (PE)** is estimated to cost approximately \$56.62 million.

Conducting Preliminary Engineering design for the High-Speed Rail Project to 30% design is estimated to cost \$46.9 million (engineers estimate based on Final Draft January 2023 Metro SDP and rail industry standards). The Year-of Expenditure (YOE) period would be from 2024-2025 to 2027-2028, and with a 5% escalation it would add \$2.34 million, for a total of \$49.23 million for PE. Further, adding a 15% Contingency would add \$7.39M to the cost for an approximate total of \$56.62 million for a 30% level of design for PE.



**Financial Advisory (FA) Services** is estimated to cost approximately \$4.23 million.

Conducting ongoing financial planning, modeling, and analysis will be required to further develop and refine the funding plan, analyze options for local funding contributions toward the project, assess alternative delivery options and the viability of public-private partnerships through a Value for Money analysis, provide updated ridership forecasting as needed, perform additional financial modeling and diligence on financing options, identify credit enhancement strategies, and support discussions with potential market participants. The FA contract is estimated to cost \$3.5 million (based on annualized cost of existing Metro HDC task order for FA services), the YOE would be from 2023 to 2026, adding a 5% escalation adds \$175,000, for a total of \$3.675 million. In addition, a 15% Contingency adds \$55,000 for a total FA contract of approximately \$4.23 million. It is estimated this firm could be onboarded by the 2nd/3rd Qtr. FY24.

**Project Management Support Services (PMSS)** is estimated to cost \$7.165 million.

HDC JPA shall procure the professional services of a program management support services (PMSS) firm to support HDC JPA with overseeing the work pertaining to Preliminary Engineering (PE). The PMSS scope of services would include developing a PE statement of work, contract development, contract administration support, federal and state grant agreement compliance, procurement support services, set and monitor program control and project scheduling control functions, cost estimating, configuration management, project management, and other related support services.

For FY24, the PMSS contractor shall perform work at a level of effort that will be commensurate with transitioning from the environmental phase into the PE phase of the project, which will consist of developing the Preliminary Engineering (PE) statement of work and contract development. The PMSS contract is estimated to cost \$6.23 million, the YOE would be from 2023 to 2026 (11% of PE contract of \$56.62 million), plus a 15% Contingency, adding \$934,500 for a total cost of approximately \$7.165 million. It is estimated this firm would be onboarded by the 3rd Qtr. FY24.

**HDC Management Professional Services** is estimated to cost \$1.765 million.

FY24 Budget of \$430,000 under consideration for three contract staff. For FY24, HDC management staff will need to be augmented to meet the increased project needs will require contracting the services of senior level project management/planning staff, and administrative support services. As the project progresses in subsequent years and approaches final design, the HDC JPA will require additional contract staffing. Subsequent years, for Year 2: \$585,000 for four contract staff; and for Year 3: \$750,000 for five contract staff.

We look forward to discussing the HDC JPA FY24 Work Program items in greater detail and would appreciate your and the Metro Board consideration and approval of the HDC JPA Fiscal Year 2024 Work Program.

Sincerely,

A handwritten signature in black ink, appearing to read "Arthur V. Sohikian", is written over a light blue rectangular background.

Arthur V. Sohikian, Executive Director  
High Desert Corridor Joint Powers Agency  
[www.highdesertcorridor.org](http://www.highdesertcorridor.org)

# ATTACHMENT B





## ATTACHMENT C

<b>High Desert Corridor Joint Powers Agency Proposed Budget for Fiscal Year 2023-2024</b>		
Task	Budget Description	Budget by Category
1	<p><b>1. Re-evaluate National Environmental Policy Act (NEPA) Environmental Impact Statement (EIS) &amp; Record of Decision (ROD):</b> Complete NEPA Re-evaluation/RE-validation and Record of Decision (ROD) with Final Review by Federal Railroad Administration (FRA). Due to Federal review of submittals this task is scheduled to be completed by FRA in in FY24. Tasks for FY24 include:</p> <p>-Addressing FRA comments, provide revised version for FRA final review, Prepare final version for NEPA Re-evaluation and prepare a ROD for FRA final approval.</p> <p>-Draft a Letter of Concurrence and re-initiate ROD Section 7 consult. Complete Section 106 process, Tribe Consultation. Prepare CEQA addendum for state funding. Conclude Surface Transportation Board (STB) Petition Approval process.</p> <p>2. Conclude Surface Transportation Board (STB) Petition Approval process.</p> <p>3. Update Service Development Plan</p>	\$ 710,000
2	<p><b>HDC JPA Management:</b> Oversee agency management, technical analysis and grant applications, budgetary activities, equity focused planning, administration, stakeholder engagement and communications. For FY23-24, HDC management functions will need to be augmented to meet the increased project needs requiring the services of a senior level project management/planning and communications staff and an administrative support staff. As the project progresses beyond the environmental phase and it conducts preliminary engineering, as well as approach final design, each year the agency will require broader and more extensive staffing such as continued executive level project/engineering management, executive level planning, and executive level communications staff to support the increasing complexity, expertise, and greater level of effort this project will require to get to final design and eventual construction phases of this project. Three-year HDC Management is estimated to cost \$1,765,000. FY24/Year 1: Three Staff -\$430,000; Year 2: Four Staff - \$585,000; and Year 3: Five Staff - \$750,000.</p>	\$ 430,000
3	<p><b>Project Management Support Services (PMSS).</b> Procure the professional services of a program management support services (PMSS) firm to support HDC JPA with overseeing the work related to Preliminary Engineering (PE) including statement of work, contract development, contract administration support, federal and state grant agreement compliance, procurement support services, set and monitor program control and project scheduling control functions, cost estimating, configuration management, project management, and other support services. For FY24, the PMSS contractor will be performing work at a level of effort that will be commensurate with transitioning from the environmental phase into the PE phase of the project which will consist of developing the Preliminary Engineering (PE) statement of work and contract development. PMSS contract is estimated to cost \$6.23 million, (11% of PE contract of \$56.62 million), plus a 15% Contingency, adding \$934,500 for a total estimated PMSS cost of approximately \$7.165M. Start 3rd Qtr FY24</p>	\$ 240,000
4	<p><b>Financial Advisory (FA) Services</b> Ongoing financial planning, modeling, and analysis will be required to further develop and refine the funding plan, analyze options for local funding contributions toward the project, assess alternative delivery options and the viability of public-private partnerships through a Value for Money analysis, provide updated ridership forecasting as needed, perform additional financial modeling and diligence on financing options, identify credit enhancement strategies, and support discussions with potential market participants. FA contract is estimated to cost \$3.5M (based on annualized cost of existing Metro HDC task order for FA services), YOY would be 2023 to 2026, so 5% escalation adds \$0.175M, for a total of \$3.675M. 15% Contingency adds \$0.55M for a total FA contract of \$4.23M. Start 2nd/3rd Qtr FY24.</p>	\$ 135,000
5	<p><b>Technical/Planning &amp; Grant Funding Application Assistance:</b> Provide technical/planning assistance to support the agency planning functions and provide grant application assistance for state and federal grant funding under the recent Biden Infrastructure Bill and other federal and state funding categories such as the Notifications of Funding Opportunity issued by FRA or USDOT.</p>	\$ 165,000
6	<p><b>Los Angeles County Treasury, Auditor-Controller, Legal Counsel, Public Works, LA Metro Reviews-</b> Monthly Support for AP/AR functions, Budget Oversight, Board Meetings staffing, Agency Oversight &amp; Compliance Items, Procurement Oversight/RFP process, and contract execution.</p>	\$ 175,000
7	<p><b>Audit Services: Los Angeles County Audit Services</b></p>	\$ 20,000
8	<p><b>LA Metro Funding Agreement Audit Services</b></p>	\$ 20,000
9	<p><b>Multi-Media Promotion, Materials &amp; Advertising</b></p>	\$ 30,000
10	<p><b>IT Support, GIS, Software &amp; Website Mgmt.</b></p>	\$ 22,500
<b>Total Proposed FY24 Budget</b>		<b>\$ 1,947,500</b>

**ATTACHMENT D**

<b>HDC JPA Federal &amp; State Grant Strategy</b>	
<b>Preliminary Engineering and Design Cost at 30% Level</b>	<b>\$ 69,780,000</b>
<b>Proposed Current Grant Funding:</b>	
Metro Measure M Funds - Approved Jan. 26, 2023	\$ 8,500,000
CALSTA Transit and Intercity Rail Capital Program - Approved April 24, 2023	\$ 8,000,000
FRA Corridor ID Program - Grant awards announced Fall 2023	\$ 500,000
<b>Subtotal - Proposed Current Grant Funding</b>	<b>\$ (17,000,000)</b>
<b>Funding Needed to Complete Preliminary Engineering</b>	<b>\$ 52,780,000</b>



# High Desert Corridor JPA FY 24 Work Program

Planning and Programming Committee

May 17, 2023

Legistar File 2023-0099



# Recommendation

- APPROVE \$1,947,500 In Measure M High Desert Corridor MSP funds to the HDC JPA for the FY 24 work program



Metro

# Background

- The High Desert Corridor is a 54 mile east/west corridor which will create a major transit hub and high-speed rail connectivity from Palmdale to:
  - Future Brightline West high speed rail service to Las Vegas and Rancho Cucamonga
  - Future CAHSRA high speed rail service to Los Angeles and northern California
  - Current Metrolink commuter rail Antelope Valley Line
- The mission of the HDC JPA is to:
  - Complete the Federal and State environmental review process
  - Pursue grant funding and facilitate the planning, design, construction, financing, operations and maintenance of the High Desert Corridor Rail Project
- Project benefits include:
  - Improved rail connectivity
  - Reduce greenhouse gas emissions
  - Equity benefits to underserved, low-income and disadvantaged communities
- Measures R provided \$33M to conduct environmental clearance.
- Measure M provided \$2.15B to further advance the High Desert Corridor.



# Environmental Update and Previous Metro Board Actions

- In 2016 the High Desert Multi-Purpose Corridor (HDMC) received CEQA clearance for a corridor to include a freeway, rail, bicycle lanes, etc.
- In 2020 the freeway portion of the HDMC was eliminated.
- In 2021 the previous HDC Joint Powers Authority requested that the FRA act as the lead agency for NEPA compliance, issue a Record Of Decision (ROD), and revalidate the results of the previous 2016 CEQA approval.
- In 2022 the FRA agreed to become NEPA lead agency for HDC Rail Project.

- In August 2020 Metro programmed \$5,000,000 to develop a Service Development Plan for the HDC.
- In April 2021 Metro programmed \$1,236,500 to HDC JPA for additional NEPA work, changes to the rail alignment and the FY 23 work program.
- In August 2022 Metro joined the Board of the new reformed HDC JPA.
- In January 2023, Metro programmed \$8,500,000 as local match to the HDC JPA for two grants.



# Service Development Plan

- Metro programmed \$5,000,000 for Metro to lead a Service Development Plan (SDP) effort.
- Metro has been working closely with key stakeholders and a consultant team to complete detailed ridership and revenue forecasting, conduct operations modeling, Palmdale Transportation Center station planning, conceptual engineering and financial analysis for the High Desert Corridor.
- The SDP is nearing completion, with a draft report sent to the FRA in January 2023.

# Next Steps

- Execute funding agreement between Metro and the HDC JPA for the FY 24 work program
- High Speed Rail Project environmental clearance/ROD is expected from the FRA Summer 2024.
- The High Desert Corridor JPA will seek additional grant funding opportunities.
- As the Project advances, the HDC JPA will contract additional staff to prepare the 30% design documents.
- Staff will continue to brief the Board as the project advances.



# NORTH LOS ANGELES COUNTY

## Transportation Coalition JPA

### AGENDA REPORT – BOARD ITEM 14

#### North Los Angeles County Transportation Coalition

Date: July 17, 2023

To: Governing Board Members of the North Los Angeles County Transportation Coalition JPA

From: Arthur V. Sohikian, Executive Director

Subject: **NCTC JPA EXECUTIVE DIRECTOR UPDATE**

**Recommended Action:** *Receive and File.*

**Fiscal Impact:** Items mentioned in this report may have a future fiscal impact.

The NCTC JPA July 2023 Executive Director Update will cover the following items:

#### 1. SR14 SAFETY & MOBILITY IMPROVEMENTS in the Santa Clarita and Antelope Valleys

NCTC staff in cooperation with Caltrans District 7 and Metro Multi-Modal Planning worked together to include all 6 Segments of the SR14 projects into the Project Approval/Environmental Document (PAED) phase. This is a major milestone for the critical safety and mobility projects for the North Los Angeles County region the NCTC Board has clearly directed become “shovel-ready” for grant opportunities. Metro staff is currently in the PAED contractor procurement process expected to be completed in July 2023. The PAED phase is expected to take 36 months to complete.

#### 2. ANTELOPE VALLEY LINE UPDATE

On December 2, 2021, Metro Board of Directors certified the Environmental Impact Report (EIR) for the Antelope Valley Line Service and Capacity Improvements. As a funding partner, the NCTC JPA is excited the projects will begin Final Design. Final design is expected to be complete in late 2026.

With the NCTC JPA April 2023 approval of the Annual Multi-Subregional Program, the AVL projects are fully funded through final design. The NCTC has a continued funding commitment for construction of roughly \$77 million. With construction cost increases likely, the NCTC has been working with our partners at Metro, Metrolink, and CalSTA to seek solutions.

#### 3. I-5 CAPACITY ENHANCEMENTS HOV & TRUCK LANE

Metro I-5 construction is underway in the Santa Clarita Valley, please see the July 2023 Construction Notice (Attachment A). Metro along with the contractor have been communicating construction activity with the community through media and social media sources while holding regular virtual meetings.





# **NORTH LOS ANGELES COUNTY**

## **Transportation Coalition JPA**

The work on I-5 between the SR-14 interchange and Parker Road in Castaic, along with Intelligent Transportation System (ITS) improvements on I-5 between the I-405 and I-210 includes:

- 14-miles of HOV/carpool lanes in each direction
- Four (4) sound walls segments (12 sound walls)
- Replacement of Weldon Canyon Rd bridge
- Seven (7) bridge widenings
- Extension of truck lanes
- 13.6-miles of median paving
- 43 Retaining walls
- Intelligent Transportation System Improvements

Please sign-up for I-5 construction updates at: <https://www.metro.net/projects/i-5-enhancements/>

#### 4. METRO MEASURE R MULTIMODAL HIGHWAY SUBREGIONAL PROGRAM UPDATE

Metro's Measure R Multimodal Highway Subregional Program update allows Metro staff and Subregional Members like NCTC Members, the ability to revise project priorities and amend budgets for implementing the Measure R Multimodal subregional projects. The updated Measure R project lists (Attachment A) includes the NCTC Subregional Member Jurisdictions updated highway projects.

#### 5. SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS UPDATE

The NCTC Subregional Member Jurisdictions Elected Officials and staff have had strong participation at numerous Southern California Association of Governments (SCAG) transportation policy meetings and other regional events of significance. The SCAG July 2023 Update (Attachment A) states the SCAG REAP 2.0 application was approved by the State of California Department of Housing and Community Development. The NCTC, in conjunction with City of Lancaster, submitted a REAP 2.0 application to SCAG for consideration.

The NCTC Subregional Member Jurisdictions Elected Officials and staff continue to have strong participation at SCAG, Metro, Metrolink, Caltrans and other regional policy transportation meetings which impact the North Los Angeles County Subregion.



We're working to improve the 5 in North County.

I-5 NORTH COUNTY ENHANCEMENTS PROJECT

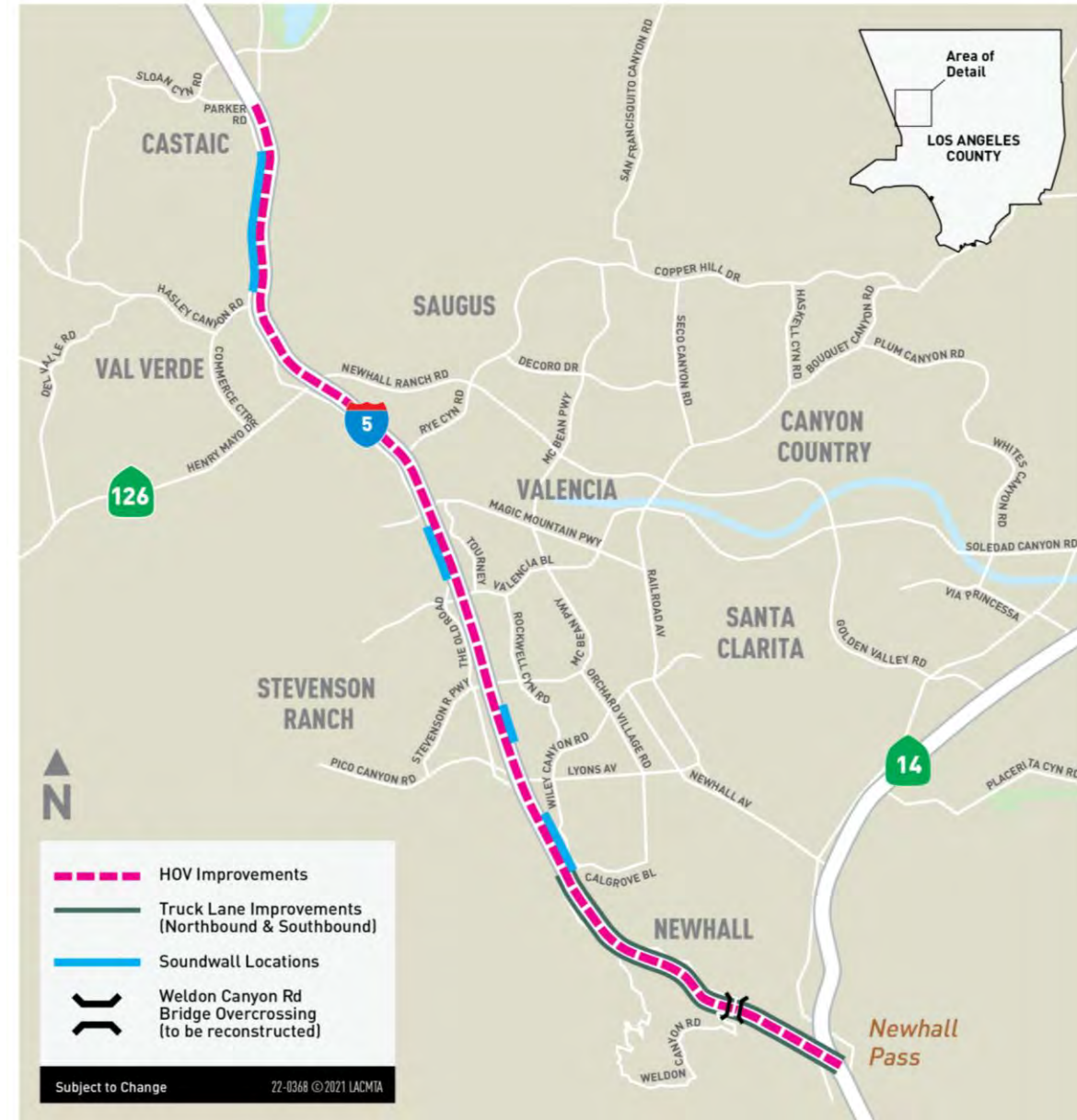


# Project Overview

Enhancements on I-5 between the SR-14 interchange and Parker Road in Castaic, along with Intelligent Transportation System (ITS) improvements on I-5 between the I-405 and I-210.

The scope of work includes:

- 14-miles of HOV/carpool lanes in each direction
- Four (4) sound wall segments (12 sound walls)
- Replacement of Weldon Canyon Rd bridge
- Seven (7) bridge widenings
- Extension of truck lanes
- 13.6-miles of median paving
- 43 Retaining walls
- Intelligent Transportation System Improvements









## I-5 NORTH COUNTY ENHANCEMENTS PROJECT

### Weldon Canyon Rd Bridge Demolition

#### Summary

As part of the I-5 North County Enhancements Project, Metro's contractor OHLA-USA, will be removing the existing Weldon Canyon Rd Bridge as the new one will be ready for use in late August. Activities will include the removal and demolition of the existing Weldon Canyon Rd bridge superstructure and columns, requiring a full freeway closure from SR-14 to Calgrove Bl starting Saturday, August 26, 2023 at 8PM to Sunday, August 27, 2023 at 8AM.

#### What to Expect & Traffic Control

Northbound full directional closures between SR-14 and Calgrove Bl, anticipated 08/26/23 from 8PM to 8AM.

- **Primary detour and truck route:** Exit I-5 to northbound SR-14, continue to westbound Golden Valley Rd/Newhall Ranch Rd, proceed to the Newhall Ranch Rd I-5 on-ramps.
- **Local detour route:** Exit I-5 to northbound SR-14, continue to westbound Newhall Av, right on Railroad Av, left on Lyons Av, proceed to the Lyons Av/Pico Canyon Rd I-5 on-ramps.

Southbound full directional closures between Calgrove Bl and SR-14, anticipated on 08/26/23 from 8PM to 8AM.

- **Primary detour and truck route:** Exit I-5 to eastbound Newhall Ranch Rd/Golden Valley Rd, continue to southbound SR-14 off of Golden Valley Rd, proceed to the SR-14/I-5 interchange.
- **Local detour route:** Exit I-5 at Calgrove Bl, continue south on The Old Road, south on San Fernando Rd and Sepulveda Bl, proceed to I-5 southbound on-ramp.

#### Essential Details

- Full freeway closure starting 8PM on Saturday, 08/26/23 to 8AM on Sunday, 8/27/23.
- Mobilization and partial lane closures will begin at 8PM.
- Advanced warning signage and detour signage will be posted along the route.
- All lanes will reopen at 8AM on Sunday, 08/27/23.
- The speed limit within the project corridor is 55-miles per hour.

#### Noteworthy

Construction is a dynamic process, and it is subject to weather conditions. Closure dates and information are subject to change.

Visit the project website for the most up to date information and a weekly listing of ramp closures scheduled. Access for emergency responders will be maintained.



#### Contact Us

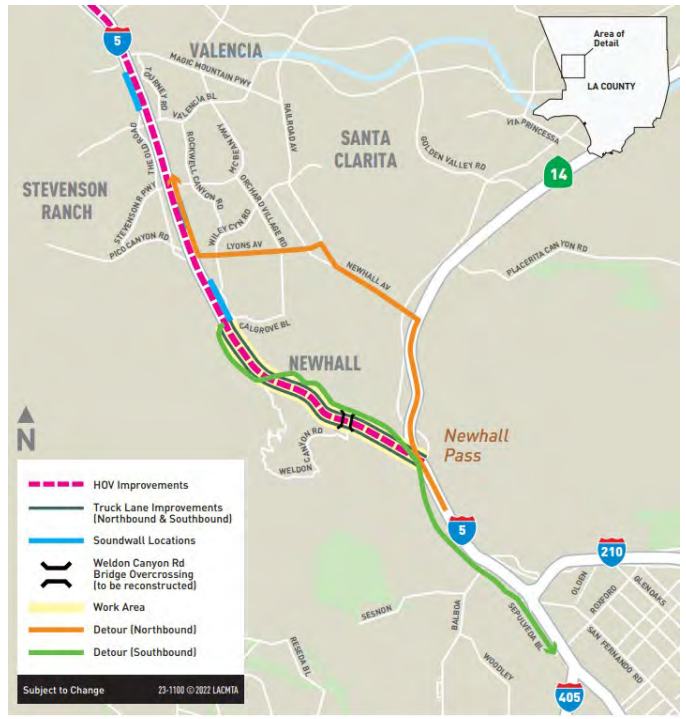
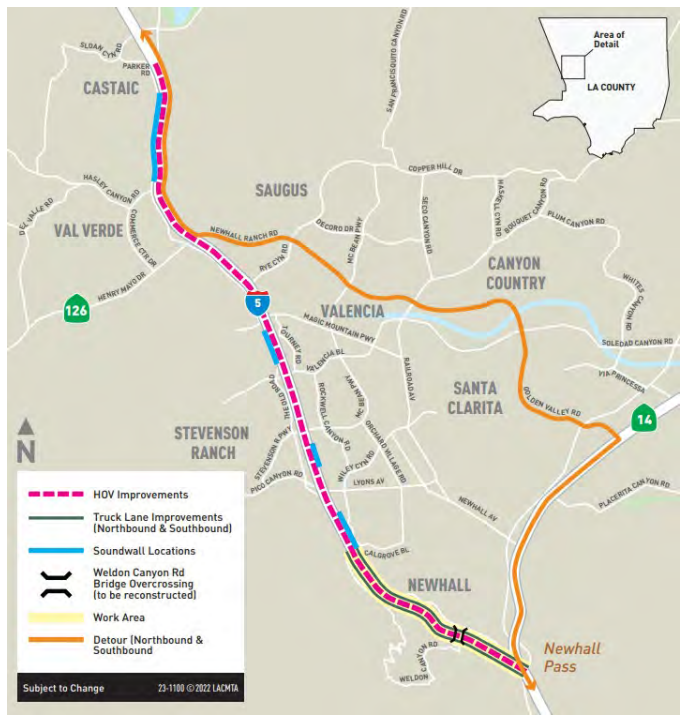
- 📞 213-922-2772
- ✉️ [i5enhancements@metro.net](mailto:i5enhancements@metro.net)
- 🌐 [metro.net/i-5-enhancements](http://metro.net/i-5-enhancements)





# I-5 NORTH COUNTY ENHANCEMENTS PROJECT

## Weldon Canyon Rd Bridge Demolition Closure Detour Maps



- Northbound I-5 directional closures
  - Saturday, August 26, 8PM to Sunday, August 27, 8AM
- Southbound I-5 directional closures
  - Saturday, August 26, 8PM to Sunday, August 27, 8AM



**Contact Us**  
 213-922-2772  
 i5enhancements@metro.net  
 metro.net/i-5-enhancements



# I-5 NCEP Community Meeting

Save the Date

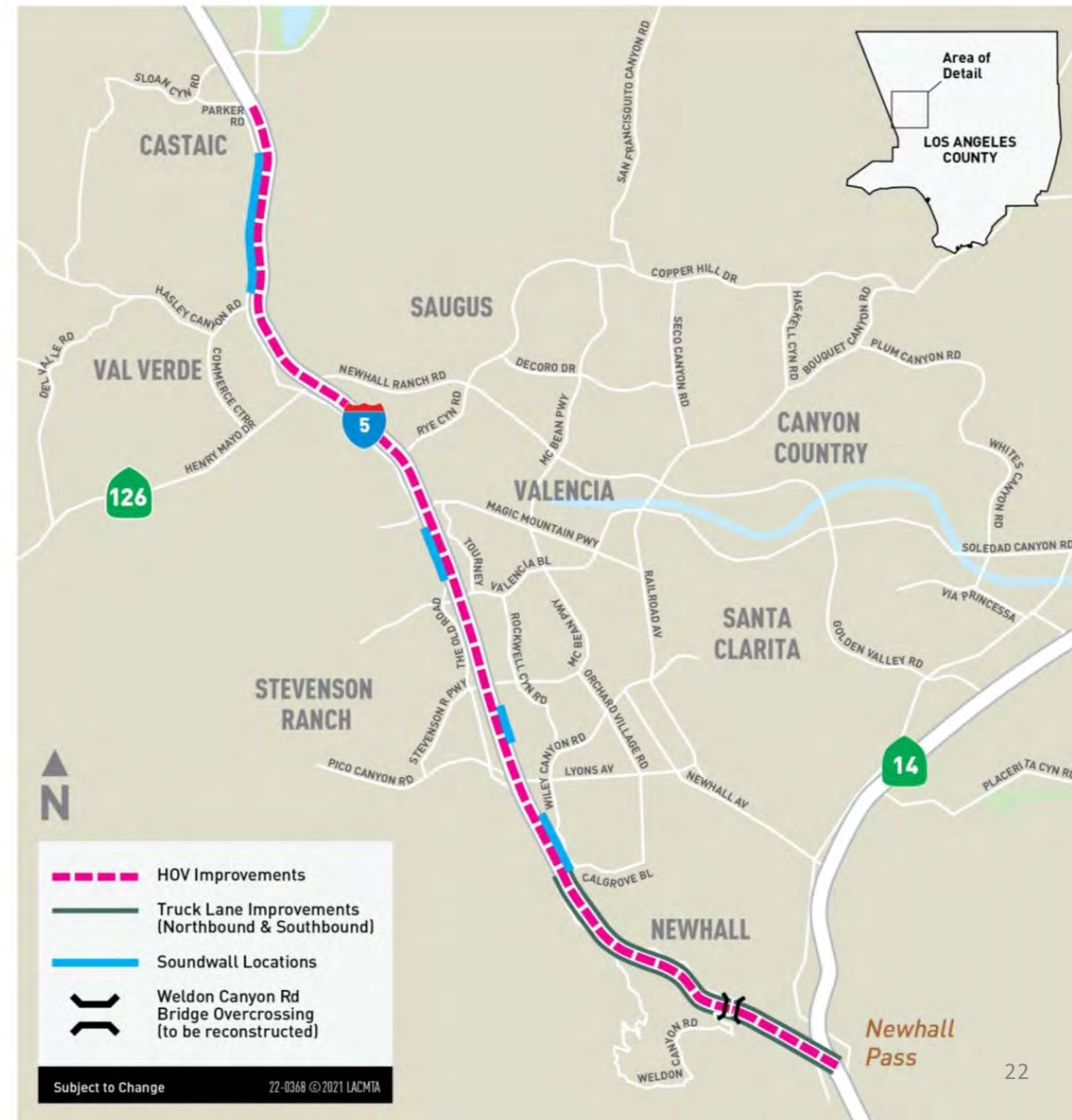
## I-5 North County Enhancements Project Construction Update Community Meeting

**Wednesday, August 23, 2023, 6:00 - 7:30pm**

Zoom Link: [us02web.zoom.us/j/99714777647](https://us02web.zoom.us/j/99714777647)

Webinar ID: 997 1477 7647

Call-in: (213) 338-8477



# I-5 North County Enhancements Project Contacts



**Saroya Sandiford**

*Community Relations Manager*

sandifords@metro.net



**Chloe Lee**

*Principal Community Relations Officer*

leec5@metro.net

**Project Hotline**



213.922.2772



*15enhancements@metro.net*



*metro.net/i-5-enhancements*





**Board Report**

**File #:** 2023-0257, **File Type:** Program

**Agenda Number:** 8.

**PLANNING AND PROGRAMMING COMMITTEE  
JUNE 14, 2023**

**SUBJECT: MEASURE R MULTIMODAL HIGHWAY SUBREGIONAL PROGRAMS UPDATE**

**ACTION: APPROVE RECOMMENDATIONS**

**RECOMMENDATION**

CONSIDER:

A. APPROVING \$25,788,000 in additional programming and funding changes within the capacity of Measure R Multimodal Highway Subregional Programs (see Attachment A for updated project list):

- Arroyo Verdugo Operational Improvements
- Las Virgenes Malibu Operational Improvements
- South Bay I-405, I-110, I-105 & SR-91 Improvements
- Gateway Cities I-605 Corridor “Hot-Spots” Interchange Improvements
- Gateway Cities I-710 South Early Action
- North Los Angeles County SR-138 Safety Enhancements
- North Los Angeles County I-5/SR-14 Safety Enhancements

B. APPROVING the deobligation of \$21,504,000 of previously approved Measure R Multimodal Highway Subregional Program funds for re-allocation to other existing Board-approved Measure R projects as shown in Attachment A; and

C. AUTHORIZING the CEO or their designee to negotiate and execute all necessary agreements for the Board-approved projects.

**ISSUE**

The Measure R Multimodal Subregional Programs update allows Metro staff and each lead agency to revise project priorities and amend budgets for implementing the Measure R Multimodal subregional projects. The attached updated project lists include projects that have received prior Board approval and proposed changes related to schedules, scope, and funding allocations for existing and new projects. The Board’s approval is required as the updated project lists serve as the basis for Metro to enter into agreements with the respective implementing agencies.



## **BACKGROUND**

Measure R Expenditure Plan Lines 26, 31, 32, 33, 37, and 38 allocate funds for multimodal highway operational improvement subfund programs. Metro staff leads the implementation and development of multi-jurisdictional and regionally significant highway and arterial projects. Staff also lead projects on behalf of local jurisdictions at their request or assists in developing projects with these subfunds.

Additionally, the Compete Streets and Highways staff manage grants in the Arroyo Verdugo, Las Virgenes Malibu, Gateway, North Los Angeles County, and South Bay subregions to fund transportation improvements developed and prioritized locally. Lead agencies develop the scope and type of improvements. Metro staff reviews the project for eligibility and compliance with the Board-adopted guidelines and objectives for multimodal highway investments (File 2022-0302). To be eligible for funding, projects must reduce congestion, resolve operational deficiencies and improve safety or multimodal access through pedestrian and bicyclist improvements.

As the project lead for regionally significant multi-jurisdictional projects or grant manager to locally prioritized projects, Metro staff works with cities, subregions, and grant recipients to scope and deliver the projects. Updates on the multimodal highway programs are presented to the Board semi-annually and on an as-needed basis.

## **DISCUSSION**

The Measure R Expenditure Plan does not define multimodal subregional highway capital projects individually. Eligible projects are identified by project sponsors and validated/approved by Metro staff for funding.

The changes in this update include \$25,788,000 in additional programming for projects in the Arroyo Verdugo, Las Virgenes Malibu, Gateway, and North Los Angeles County and South Bay subregions as detailed in Attachment A. A nexus determination has been completed for each new project.

All projects on the attached project lists are expected to provide operational benefits and meet the Board-adopted Highway Operational and Ramp/Interchange improvement guidelines and Objectives for Multimodal Highway Investments.

### **Arroyo Verdugo Operational Improvements**

A total of \$117,015,000 has been programmed for projects in the subregion. This update includes funding adjustments for 3 existing projects and 1 new project.

#### **Glendale**

Scope change for MR310.25 - I-210 Soundwalls Project. The current project budget is \$8,020,000 and will fund only the environmental and design phases of the project.

Program an additional \$4,126,736 for MR310.62 - Downtown Glendale Signal Mobility

Improvements Project. The revised project budget is \$6,626,736. Additional funds are being programmed for the design and construction of detection, fiber, camera, communications hardware, battery-backup systems, and controllers that were not part of the original scope. The additional components will enable a more reliable and efficient synchronization and mobility improvement project.

Reprogram \$4,000,000 for MR310.65 - North Verdugo Road Improvements (Signal, Ped, Transit). The funds are being reprogrammed as follows: \$400,000 in FY23-24, \$300,000 in FY24-25, and \$3,300,000 in FY25-26. The project budget remains the same at \$5,000,000. Funds are being reprogrammed to match environmental, design, and construction timeframes.

Program \$1,216,440 for MR310.66 - HSIP Cycle 11 Local Match (Ped/Bike Improvements). The Measure R match to the HSIP grant is \$1,216,440. Funds will design pedestrian/bike signal improvements and upgrade median, bike lane, and pedestrian crossings.

### **Las Virgenes Malibu Operational Improvements**

A total of \$173,668,000 has been programmed for projects in the subregion. This update includes funding adjustments for 3 existing projects and 1 new project.

#### **Agoura Hills**

Program \$5,472,000 for MR311.23 - Agoura Hills Greenway Project. The total Measure R allocation is \$5,472,000. At the February 2023 Board meeting (File 2022-0863), approved Measure M (MM5503.10) and R funds for this project. Funds will be used for the right-of-way and construction phases.

#### **Malibu**

Program an additional \$325,000 for MR311.27 - Pacific Coast Highway Intersection Improvements. The revised project budget is \$1,325,000. Funds are being programmed to match current construction cost estimates for the project.

Deobligate \$325,000 from MR311.16 - Pedestrian Signal Improvements on Pacific Coast Highway. Funds are being reprogrammed to project MR311.27 - Pacific Coast Highway Intersection Improvements. The funds are being deobligated to fund a higher priority transportation improvement.

#### **Hidden Hills**

Reprogram \$2,979,975 for MR311.34 - Long Valley Road/Valley Circle/US-101 On-Ramp Improvements. The funds are being reprogrammed to FY23-24 for a total allocation of \$3,232,000. The project budget remains unchanged at \$5,952,000. Funds are being reprogrammed to match environmental, design, right-of-way, and construction timeframes.

### **South Bay I-405, I-110, I-105 & SR-91 Improvements**

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A total of \$446,413,000 has been programmed for projects in the subregion. This update includes funding adjustments for 13 projects.

Caltrans

Deobligate \$1,000,000 from MR312.45 - PAED Integrated Corridor Management System (ICMS) on I-110 from Artesia Blvd to I-405. This project is no longer being pursued. Funds will be reprogrammed the subregion.

Metro

Deobligate \$7,000,000 from MR312.55 - I-405 Improvements from I-110 to Wilmington. The revised project budget is \$10,400,000. Funds are being reprogrammed to develop a state/federal grant match line item.

Program an additional \$8,000,000 for MR312.85 - South Bay I-405 Improvements - Local Match for State/Federal Grants. The revised project budget is \$22,000,000. This line item will support grant opportunities for two I-405 projects, MR312.30 and MR312.55.

Gardena

Program an additional \$728,000 for MR312.02 - Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and Rosecrans Ave. The revised project budget is \$2,228,000. Funds are being programmed to match current construction cost estimates.

Program an additional \$2,305,000 for MR312.09 - Artesia Boulevard Arterial Improvements from Western Avenue to Vermont Avenue. The revised project budget is \$4,828,000. Funds are being programmed to match current construction cost estimates. Additionally, funds are being reprogrammed as follows: \$2,276,424.66 in FY23-24. The total programmed amount in FY23-24 is \$4,581,400. Funds are being reprogrammed to match design and construction timeframes.

Los Angeles County

Reprogram \$1,021,000 for MR312.52 - ITS: Improvements on South Bay Arterials. The funds are being reprogrammed as follows: \$111,000 in FY17-18, \$290,000 in FY20-21, and \$620,000 in FY22-23 to match environmental, design, and construction timeframes.

Reprogram \$2,000,000 for MR312.64 - South Bay Arterial System Detection Project. The funds are being reprogrammed as follows: \$600,000 in FY23-24 and \$1,400,000 in FY24-25 to match environmental, design, and construction timeframes.

Manhattan Beach

Reprogram \$699,860.08 for MR312.35 - Sepulveda Boulevard at Manhattan Beach Boulevard Intersection Improvements (NB, WB, EB left turn lanes and SB right turn lane). The project budget remains the same at \$2,046,000. The funds are being reprogrammed as follows: \$699,860.08 in



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FY23-24 to match design, right-of-way, and construction timeframes.

### Rancho Palos Verdes

Deobligate \$90,000 from MR312.39 - Western Avenue (SR-213) from Palos Verdes Drive North to 25<sup>th</sup> Street. Funds will be reprogrammed to the subregion.. The city is using Measure M to fund improvements on Western Avenue.

### Port of Los Angeles

Program an additional \$2,980,000 for MR312.32 - SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Boulevard. The revised project budget is \$49,330,000. Additional funds are being programmed due to price escalations and are needed to match current construction cost estimates.

### Redondo Beach

Program an additional \$1,000,000 for MR312.06 - Pacific Coast Highway Improvements from Anita Street to Palos Verdes Boulevard. The revised project budget is \$2,400,000. Additional funds are being programmed due to higher than anticipated right-of-way acquisition costs for the project.

Program an additional \$550,000 for MR312.20 - Aviation Boulevard at Artesia Boulevard Intersection Improvements (northbound right turn lane). The revised project budget is \$2,457,000. Additional funds are being programmed due to escalating right of way and construction costs.

Program an additional \$1,000,000 for MR312.75 - Kingsdale Avenue at Artesia Boulevard Intersection Improvements. The revised project budget is \$1,992,000. Additional funds are being programmed due to escalating construction costs.

## **Gateway Cities I-605 Corridor “Hot Spots” Interchange Improvements**

A total of \$421,985,000 has been programmed for projects in the subregion. This update includes funding adjustments for 1 project.

### Bellflower

Program an additional \$500,000 for MR315.33 - Lakewood Alondra Intersection Improvements. The revised project budget is \$1,502,000. Funds are being programmed to match the construction bids.

## **Gateway Cities I-710 South Early Action**

A total of \$306,378,000 has been programmed for projects in the subregion. This update includes funding adjustments for 4 projects.

### Metro

Deobligate \$2,660,000 from I-710 ITS/Air Quality Early Action. Funds are being deobligated and reprogrammed to I-710 Integrated Corridor Management Project to fund environmental and design phases.

Program an additional \$2,660,000 for MR306.05 - I-710 Integrated Corridor Management (ICM) Project. The revised project budget is \$8,760,000. Funds are being programmed to complete environmental and design phases.

Program an additional \$6,000,000 for MR306.62 - Willow Street Corridor - Walnut Avenue to Cherry Congestion Relief Project. The revised project budget is \$7,312,050. Funds are being programmed to fund right of way and construction phases.

### South Gate

Project MR306.24 - Reconfiguration Firestone Boulevard On-Ramp to I-710 S/B Freeway. This project is changing lead agencies from Caltrans to the City of South Gate.

### **North Los Angeles County SR-138 Safety Enhancements**

A total of \$200,000,000 has been programmed for projects in the subregion. This update includes funding adjustments for 4 projects.

### Lancaster

Reprogram \$2,603,762 for MR330.02 - SR-138 (SR-14) Avenue K Interchange. The funds are being reprogrammed to FY24-25. The project budget remains the same at \$8,924,200. Funds are being reprogrammed to match environmental, design, right-of-way, and construction timeframes.

Reprogram \$8,934,726 for MR330.06 - SR-138 (SR-14) Avenue M Interchange. The funds are being reprogrammed to FY24-25. The project budget remains the same at \$13,623,000. Funds are being reprogrammed to match environmental, design, right-of-way, and construction timeframes.

### Palmdale

Program an additional \$10,429,092 for MR330.08 - SR-138 Palmdale SB 14 Ramps. Funds are being programmed as follows: \$5,000,000 in FY23-24 and \$5,429,092 in FY24-25. Additionally, this action is reprogramming \$10,946,622 to FY23-24 for a total of \$16,375,714. The revised project budget is \$35,429,092. Additional funds are being programmed to match construction cost estimates, and existing funds are being reprogrammed to match current design and construction timeframes.

Deobligate \$10,429,092 from MR330.11- SR-138 Avenue N Overcrossing. The revised project budget is \$9,570,908. Funds are being deobligated and reprogrammed to MR330.08 to match current construction costs.

### **North Los Angeles County I-5/SR-14 Safety Enhancements**

A total of \$85,094,000 has been programmed for projects in the subregion. This update includes funding adjustments for 1 project.

### Lancaster

Reprogram \$9,297,500 for MR330.02 - SR-138 (SR-14) Avenue K Interchange. The funds are being reprogrammed as follows: \$4,649,000 in FY24-25 and \$4,648,500 in FY25-26 to match environmental, design, right of way, and construction timeframes.

### **DETERMINATION OF SAFETY IMPACT**

The multimodal subregional programs support the development of a safer transportation system that will provide high-quality multimodal mobility options to enable people to spend less time traveling.

### **FINANCIAL IMPACT**

Approval of Recommendation A will not require an FY24 Budget amendment at this time. Metro staff will monitor the respective projects and adjust funding as required to meet project needs within the adopted FY24 budget, subject to the availability of funds.

is the highway projects are funded from the Measure R 20% Highway Capital subfund earmarked for the subregions. FY24 funds are allocated for Arroyo Verdugo Project No.460310 and Las Virgenes-Malibu Project No. 460311 under Cost Center 0442 in Account 54001 (Subsidies to Others).

For the South Bay subregion, FY24 funds are allocated in Cost Centers 0442, 4720, 4740, Accounts 54001 (Subsidies to Others), and 50316 (Professional Services) in Projects 460312, 461312, 462312, and 463312.

For the Gateway Cities Subregion, FY24 funding for the I-605 Corridor “Hot Spots” Projects is allocated to Project No. 460314, Cost Centers 4720, 0442, Account 54001 (Subsidies to Others), and account 50316 (Professional Services) in Projects 461314, 462314, 463314, 460345, 460348, 460350, 460351. I-710 Early Action Project funds have been budgeted in Project No. 460316 in Cost Center 0442, Account 54001 (Subsidies to Others) and also under 4634316; and 463516, 463616 in Account 50316 (Professional Services) in Cost Centers 4720 and 4740 are all included in the FY24 budget.

The remaining funds are distributed from the Measure R 20% Highway Capital Subfund via funding agreements to Caltrans and the cities of Palmdale and Lancaster in the FY24 budgets under Cost Center 0442 in Project No. 460330, Account 54001 (Subsidies to Others). For the North County Operational Improvements Projects (I-5/SR-14 Direct Connector Line #26), budgets are included in Project No. 465501, Cost Center 0442, Account 54001 (Subsidies to Others).

Moreover, programmed funds are based on estimated revenues. Since the Measure R Multimodal Highway Subregional Programs are multi-year programs with various projects, the Project Managers, the Cost Center Manager, the Sr. Executive Officer of Countywide Planning and Development -



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Complete Streets and Highways and the Chief Planning Officer will be responsible for budgeting the costs in current and future years.

### Impact to Budget

This action will not impact the approved FY24 budget. Staff will rebalance the approved FY24 budget as necessary to fund the identified priorities and revisit the budgetary needs using the quarterly and mid-year adjustment processes subject to the availability of funds.

The source of funds for these projects is Measure R 20% Highway Funds. This fund source is not eligible for transit operations or capital expenses.

### EQUITY PLATFORM

This semi-annual update funds subsequent phases of Board-approved Highway Subsidy grants aligned with the Measure R Board-approved guidelines and the Objectives for Multimodal Highway Investments. Complete Streets and Highways staff have also provided technical assistance to Equity Focus Communities (EFCs) in various subregions. The Highway Subsidy Grants do not have a direct equity impact; rather it will allow for the development of equity opportunities via the development of transportation project improvements through city contracts that can reduce transportation disparities.

Each city and/or agency, independently and in coordination with their subregion, undertake their jurisdictionally determined community engagement process specific to the type of transportation improvement they seek to develop. These locally determined and prioritized projects represent the needs of cities. This update includes additional funding for the following EFC communities, Glendale, Los Angeles County, Gardena, City of Los Angeles, South Gate, Paramount, Lancaster, Vernon, Commerce, Maywood, Bell, Cudahy, Compton, and Long Beach.

### IMPLEMENTATION OF STRATEGIC PLAN GOALS

The recommendation supports the strategic plan goal:

“Goal 1: Provide high-quality mobility options that enable people to spend less time traveling.”

Goal 1.1. Approval of the multimodal highway subregional programs will expand the transportation system as responsibly and quickly as possible as approved in Measure R and M to strengthen and expand LA County’s transportation system.

“Goal 4: Transform LA County through regional collaboration”

Goal 4.1. Metro will work closely with municipalities, council of governments, Caltrans to implement holistic strategies for advancing mobility goals”

### ALTERNATIVES CONSIDERED

The Board may choose not to approve the revised project list and funding allocations. However, the option is not recommended as it will delay the development of locally prioritized improvements.

**NEXT STEPS**

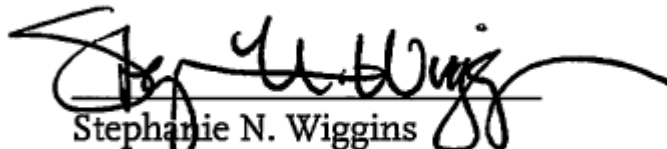
Metro's complete streets and highway staff will continue to work with the subregions to identify and deliver projects and execute grant agreements. Updates will be provided to the Board on a semiannual and as-needed basis.

**ATTACHMENT**

Attachment A - Projects Receiving Measure R Funds

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Stephanie N. Wiggins  
Chief Executive Officer

**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Glendale	MR310.01	Fairmont Ave. Grade Separation at San Fernando Rd. (Construction) <b>(Complete)</b>		1,658.7	0.0	1,658.7	1,658.7				
Glendale	MR310.04	San Fernando/Grandview At-Grade Rail Crossing Imp. <b>(Complete)</b>		1,850.0	0.0	1,850.0	1,850.0				
Glendale	MR310.05	Central Ave Improvements / Broadway to SR-134 EB Offramp <b>(Complete)</b>		3,250.0	0.0	3,250.0	3,250.0				
Glendale	MR310.13	Glendale Narrows Bikeway Culvert		1,246.5	0.0	1,246.5	1,246.5				
Glendale	MR310.14	Verdugo Road Signal Upgrades <b>(Complete)</b>		557.0	0.0	557.0	557.0				
Glendale	MR310.16	SR-134 / Glendale Ave. Interchange Modification <b>(Complete)</b>		1,585.5	0.0	1,585.5	1,585.5				
Glendale	MR310.17	Ocean View Blvd. Traffic Signals Installation and Modification <b>(Complete)</b>		1,000.0	0.0	1,000.0	1,000.0				
Glendale	MR310.18	Sonora Avenue At-Grade Rail Crossing Safety Upgrade <b>(Complete)</b>		2,700.0	0.0	2,700.0	2,700.0				
Glendale	MR310.19	Traffic Signal Sync Brand / Colorado-San Fernando / Glendale-Verdugo <b>(Complete)</b>		340.9	0.0	340.9	340.9				
Glendale	MR310.20	Verdugo Rd / Honolulu Ave / Verdugo Blvd Intersection Modification <b>(Complete)</b>		397.3	0.0	397.3	397.3				
Glendale	MR310.21	Colorado St. Widening between Brand Blvd. and East of Brand Blvd. <b>(Complete)</b>		350.0	0.0	350.0	350.0				
Glendale	MR310.22	Glendale Narrows Riverwalk Bridge		600.0	0.0	600.0	600.0				
Glendale	MR310.24	Construction of Bicycle Facilities		244.3	0.0	244.3	244.3				
Glendale	MR310.25	210 Soundwalls Project	<b>CHG</b>	8,020.0	0.0	8,020.0	4,520.0	2,000.0	1,500.0		
Glendale	MR310.26	Bicycle Facilities, Phase 2 (Class III Bike Routes)		225.0	0.0	225.0	225.0				
Glendale	MR310.28	Pennsylvania Ave Signal at I-210 On/Off-Ramps		500.0	0.0	500.0	500.0				
Glendale	MR310.32	Regional Arterial Performance Measures <b>(Call Match) F7321</b>		100.0	0.0	100.0	100.0				
Glendale	MR310.34	Regional Bike Stations <b>(Call Match) F7709</b>		332.2	0.0	332.2	332.2				



**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Glendale	MR310.35	Signal Installations at Various Locations <b>(Complete)</b>		1,500.0	0.0	1,500.0	1,500.0				
Glendale	MR310.37	Verdugo Boulevard Traffic Signal Modification at Vahili Way and SR-2		1,450.0	0.0	1,450.0	1,450.0				
Glendale	MR310.39	Widening of SR-2 Fwy Ramps @ Mountain		1,200.0	0.0	1,200.0	150.0	1,050.0			
Glendale	MR310.40	Pacific Ave: Colorado to Glenoaks & Burchett St: Pacific To Central Street Improvements <b>(Complete)</b>		3,315.0	0.0	3,315.0	3,315.0				
Glendale	MR310.41	Doran St. (From Brand Blvd. to Adams St.)		1,450.0	0.0	1,450.0	1,450.0				
Glendale	MR310.42	Arden Ave. (From Highland Ave. to Kenilworth St.) <b>(Complete)</b>		623.2	0.0	623.2	623.2				
Glendale	MR310.43	Verdugo Rd. Street Improvements Project (Traffic Signal Modification)		1,650.0	0.0	1,650.0	1,650.0				
Glendale	MR310.47	Traffic Signals on Glenwood Rd. and Modificaitons on La Crescenta and Central Ave.		2,025.0	0.0	2,025.0	2,025.0				
Glendale	MR310.48	San Frenando Rd and Los Angeles Street Traffic Signal Installation & Intersection Modification		400.0	0.0	400.0	400.0				
Glendale	MR310.49	Traffic Signal Modification & Upgrades on Honolulu Ave		3,800.0	0.0	3,800.0	3,800.0				
Glendale	MR310.52	Traffic Signal Improvements at Chevy Chase Dr/California Ave/		2,500.0	0.0	2,500.0	2,500.0				
Glendale	MR310.54	Signal Mod on La Crescenta Ave and San Fernando Rd.		1,650.0	0.0	1,650.0	1,650.0				
Glendale	MR310.60	N. Verdugo Rd Signal Modifications (Glendale Community College to Menlo Dr at Canada Blvd)		1,100.0	0.0	1,100.0	1,100.0				
Glendale	MR310.61	Broadway Traffic Signal Modifications		1,650.0	0.0	1,650.0	1,650.0				
Glendale	MR310.62	Downtown Glendale Signal Mobility Improvements Project	<b>CHG</b>	2,500.0	4,126.7	6,626.7	2,500.0		4,126.7		
Glendale	MR310.63	South Central Avenue Improvements (Signal, Ped, Transit)		3,000.0	0.0	3,000.0	0.0	300.0	2,700.0		
Glendale	MR310.64	North Glendale Avenue Improvements (Signal, Ped, Transit)		4,000.0	0.0	4,000.0	0.0	400.0	3,600.0		
Glendale	MR310.65	North Verdugo Road Improvements (Signal, Ped, Transit)	<b>REP</b>	5,000.0	0.0	5,000.0	0.0	500.0	900.0	300.0	3,300.0
Glendale	MR310.66	HSIP Cycle 11 Local Match (Ped/Bike Improvements)	<b>ADD</b>	0.0	1,216.4	1,216.4	0.0		400.0	816.4	
		<b>TOTAL GLENDALE</b>		63,770.6	5,343.2	67,897.3	47,220.6	4,250.0	13,226.7	1,116.4	0.0

MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS

ATTACHMENT A

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26	
<b>Las Virgenes/Malibu Operational Improvements (expenditure line 32)</b>					<b>168,196.0</b>	<b>5,472.0</b>	<b>173,667.9</b>	<b>154,756.0</b>	<b>12,067.0</b>	<b>3,957.0</b>	<b>2,888.0</b>	<b>0.0</b>
Westlake Village	MR311.01	Lindero Canyon Road Interchange, Phase 3A Design		443.7	0.0	443.7	443.7					
Westlake Village	MR311.02	Highway 101 Park and Ride Lot <b>(Design Complete)</b>		243.7	0.0	243.7	243.7					
Westlake Village	MR311.10	Rte 101/ Lindero Cyn. Rd. Interchange Improvements, Phase 3B,4B Construction <b>(Complete)</b>		3,251.0	0.0	3,251.0	3,251.0					
Westlake Village	MR311.18	Rte 101/ Lindero Cyn. Rd. Interchange Improvements, Phase 3A Construction		9,669.0	0.0	9,669.0	9,669.0					
Westlake Village	MR311.19	Highway 101 Park and Ride Lot <b>(Complete)</b>		4,943.6	0.0	4,943.6	4,943.6					
Westlake Village	MR311.21	Lindero Rd Sidewalk Extension		1,305.0	0.0	1,305.0	0.0	1,305.0				
<b>TOTAL WESTLAKE VILLAGE</b>					<b>19,856.0</b>	<b>0.0</b>	<b>19,856.0</b>	<b>18,551.0</b>	<b>1,305.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Agoura Hills	MR311.03	Palo Comado Interchange		10,450.0	0.0	10,450.0	10,450.0					
Agoura Hills	MR311.04	Aguora Road/Kanan Road Intersection Improvements		1,725.0	0.0	1,725.0	1,725.0					
Agoura Hills	MR311.05	Agoura Road Widening		37,250.0	0.0	37,250.0	37,250.0					
Agoura Hills	MR311.14	Kanan Road Corridor from Thousand Oaks Blvd to Cornell Road PSR		700.0	0.0	700.0	700.0					
Agoura Hills	MR311.15	Agoura Hills Multi-Modal Center		100.0	0.0	100.0	100.0					
Aguora Hills	MR311.23	Agoura Hills Project Greenway Project (MM5503.13)	<b>ADD</b>	0.0	5,472.0	5,472.0		5,472.0				
<b>TOTAL AGOURA HILLS</b>					<b>50,225.0</b>	<b>5,472.0</b>	<b>55,697.0</b>	<b>50,225.0</b>	<b>5,472.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Calabasas	MR311.06	Lost Hills Overpass and Interchange		35,500.0	0.0	35,500.0	35,500.0					
Calabasas	MR311.07	Mulholland Highway Scenic Corridor Completion <b>(Complete)</b>		4,389.8	0.0	4,389.8	4,389.8					
Calabasas	MR311.08	Las Virgenes Scenic Corridor Widening <b>(Complete)</b>		5,746.2	0.0	5,746.2	5,746.2					
Calabasas	MR311.09	Parkway Calabasas/US 101 SB Offramp <b>(Complete)</b>		214.0	0.0	214.0	214.0					
Calabasas	MR311.33	Park and Ride Lot on or about 23577 Calabasas Road (near Route 101) <b>(Complete)</b>		3,700.0	0.0	3,700.0	3,700.0					
Calabasas	MR311.12	Calabasas Traffic Signal System Upgrades and Synchronization		400.0	0.0	400.0	0.0		400.0			
Calabasas	MR311.13	Mulholland Highway Improvements Project - Old Topanga Canyon Road to City Limits (MM4401.11)		2,888.0	0.0	2,888.0	0.0			2,888.0		

**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
		<b>TOTAL CALABASAS</b>		52,838.0	0.0	52,838.0	49,550.0	0.0	400.0	2,888.0	0.0
Malibu	MR311.11	PCH Signal System Improvements from John Tyler Drive to Topanga Canyon Blvd		14,600.0	0.0	14,600.0	14,600.0				
Malibu	MR311.24	Malibu/Civic Center Way Widening		5,600.0	0.0	5,600.0	5,600.0				
Malibu	MR311.26	PCH-Raised Median and Channelization from Webb Way to Puerco Canyon Road		6,950.0	0.0	6,950.0	6,950.0				
Malibu	MR311.27	PCH Intersections Improvements	<b>CHG</b>	1,000.0	325.0	1,325.0	710.0	290.0	325.0		
Malibu	MR311.28	Kanan Dume Road Arrestor Bed Improvements and Intersection with PCH Construction <b>(Complete)</b>		900.0	0.0	900.0	900.0				
Malibu	MR311.29	PCH Regional Traffic Message System (CMS)		0.0	0.0	0.0					
Malibu	MR311.30	PCH Roadway and Bike Route Improvements fr. Busch Dr. to Western City Limits <b>(Complete)</b>		500.0	0.0	500.0	500.0				
Malibu	MR311.32	PCH and Big Rock Dr. Intersection and at La Costa Area Pedestrian Improvements		950.0	0.0	950.0	950.0				
Malibu	MR311.35	Park and Ride Lot on Civic Center Way and/or PCH		3,500.0	0.0	3,500.0	3,500.0				
Malibu	MR311.16	Pedestrian Signal Improvements on PCH	<b>DEOB</b>	325.0	(325.0)	0.0	0.0				
Malibu	MR311.17	PCH at Las Flores and Rambla Pacifico Intersection Improvements		5,000.0	0.0	5,000.0	0.0	5,000.0			
		<b>TOTAL MALIBU</b>		39,325.0	0.0	39,325.0	33,710.0	5,290.0	325.0	0.0	0.0
Hidden Hills	MR311.34	Long Valley Road/Valley Circle/US-101 On-Ramp Improvements	<b>CHG</b>	5,952.0	(0.0)	5,952.0	2,720.0		3,232.0		
		<b>TOTAL HIDDEN HILLS</b>		5,952.0	(0.0)	5,952.0	2,720.0	0.0	3,232.0	0.0	0.0
<b>TOTAL LAS VIRGENES/MALIBU PROGRAMMING</b>				<b>168,196.0</b>	<b>5,472.0</b>	<b>173,667.9</b>	<b>154,756.0</b>	<b>12,067.0</b>	<b>3,957.0</b>	<b>2,888.0</b>	<b>0.0</b>



MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS

ATTACHMENT A

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
<b>South Bay I-405, I-110, I-105, &amp; SR-91 Ramp / Interchange Imps (expenditure line)</b>				<b>437,940.2</b>	<b>8,473.0</b>	<b>446,413.3</b>	<b>319,257.7</b>	<b>45,046.3</b>	<b>68,729.3</b>	<b>12,380.0</b>	<b>0.0</b>
SBCCOG	MR312.01	South Bay Cities COG Program Development		13,375.0	0.0	13,375.0	13,375.0				
		<b>TOTAL SBCCOG</b>		<b>13,375.0</b>	<b>0.0</b>	<b>13,375.0</b>	<b>13,375.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Caltrans	MR312.11	ITS: I-405, I-110, I-105, SR-91 at Freeway Ramp/Arterial Signalized Intersections <b>(Complete)</b>		5,357.0	(0.0)	5,357.0	5,357.0				
Caltrans	MR312.24	I-110 Aux lane from SR-91 to Torrance Blvd Aux lane & I-405/I-110 Connector <b>(Complete)</b>		8,120.0	0.0	8,120.0	8,120.0				
Caltrans	MR312.25	I-405 at 182nd St. / Crenshaw Blvd Improvements		86,400.0	0.0	86,400.0	69,400.0	11,000.0	6,000.0		
Caltrans	MR312.29	ITS: Pacific Coast Highway and Parallel Arterials From I-105 to I-110 <b>(Complete)</b>		9,000.0	0.0	9,000.0	9,000.0				
Caltrans	MR312.45	PAED Integrated Corridor Management System (ICMS) on I-110 from Artesia Blvd and I-405	<b>DEOB</b>	1,000.0	(1,000.0)	0.0	0.0				
Caltrans	MR312.77	I-405 IQA Review for PSR (El Segundo to Artesia Blvd) <b>(Complete)</b>		150.0	0.0	150.0	150.0				
Caltrans	MR312.78	I-405 IQA Review for PSR (Main St to Wilmington) <b>(Complete)</b>		150.0	0.0	150.0	150.0				
Caltrans	MR312.82	PCH (I-105 to I-110) Turn Lanes and Pockets		5,000.0	0.0	5,000.0	0.0	5,000.0			
Caltrans	MR312.86	I-105 Integrated Corridor Management (IQA)		150.0	0.0	150.0	150.0				
		<b>TOTAL CALTRANS</b>		<b>115,327.0</b>	<b>(1,000.0)</b>	<b>114,327.0</b>	<b>92,327.0</b>	<b>16,000.0</b>	<b>6,000.0</b>	<b>0.0</b>	<b>0.0</b>
Carson/Metro	MR312.41	Traffic Signal Upgrades at 10 Intersections		4,220.0	0.0	4,220.0	2,800.0	1,420.0			
Carson/Metro	MR312.46	Upgrade Traffic Control Signals at Figueroa St and 234th St. and Figueroa and 228th st <b>(Complete)</b>		150.0	0.0	150.0	150.0				
Carson	MR312.80	223rd st Widening		1,000.0	0.0	1,000.0	1,000.0				
		<b>TOTAL CARSON</b>		<b>5,370.0</b>	<b>0.0</b>	<b>5,370.0</b>	<b>3,950.0</b>	<b>1,420.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS

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Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
El Segundo	MR312.22	Maple Ave Improvements from Sepulveda Blvd to Parkview Ave. <b>(Complete)</b>		2,500.0	0.0	2,500.0	2,500.0				
El Segundo	MR312.57	Park Place Roadway Extension and Railroad Grade Separation Project		5,350.0	0.0	5,350.0	4,150.0	1,200.0			
		<b>TOTAL EL SEGUNDO</b>		<b>7,850.0</b>	<b>0.0</b>	<b>7,850.0</b>	<b>6,650.0</b>	<b>1,200.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Gardena	MR312.02	Traffic Signal Reconstruction on Vermont at Redondo Beach Blvd and at Rosecrans Ave.	<b>CHG</b>	1,500.0	728.0	2,228.0	1,500.0		728.0		
Gardena	MR312.09	Artesia Blvd Arterial Improvements from Western Ave to Vermont Ave	<b>CHG</b>	2,523.0	2,305.0	4,828.0	246.6		4,581.4		
Gardena	MR312.17	Rosecrans Ave Improvements from Vermont Ave to Crenshaw Blvd <b>(Complete)</b>		4,967.0	0.0	4,967.0	4,967.0				
Gardena	MR312.19	Artesia Blvd at Western Ave Intersection Improvements (Westbound left turn lanes) <b>(Complete)</b>		393.0	0.0	393.0	393.0				
Gardena	MR312.21	Vermont Ave Improvements from Rosecrans Ave to 182nd Street <b>(Complete)</b>		2,090.3	0.0	2,090.3	2,090.3				
Gardena	MR312.79	Traffic Signal Install at Vermont Ave. and Magnolia Ave		144.0	0.0	144.0	144.0				
		<b>TOTAL GARDENA</b>		<b>11,617.3</b>	<b>3,033.0</b>	<b>14,650.3</b>	<b>9,340.9</b>	<b>0.0</b>	<b>5,309.4</b>	<b>0.0</b>	<b>0.0</b>
Hawthorne	MR312.03	Rosecrans Ave Widening from I-405 SB off ramp to Isis Ave <b>(Complete)</b>		2,100.0	0.0	2,100.0	2,100.0				
Hawthorne	MR312.33	Aviation Blvd at Marine Ave Intersection Improvements (Westbound right turn lane) <b>(Complete)</b>		3,600.0	0.0	3,600.0	3,600.0				
Hawthorne	MR312.44	Hawthorne Blvd Improvements from El Segundo Blvd to Rosecrans Ave <b>(Complete)</b>		7,551.0	0.0	7,551.0	7,551.0				
Hawthorne	MR312.47	Signal Improvements on Prairie Ave from 118th St. to Marine Ave.		1,237.0	0.0	1,237.0	1,237.0				
Hawthorne	MR312.54	Intersection Widening & Traffic Signal Modifications on Inglewood Ave at El Segundo Blvd; on Crenshaw Blvd At <del>Beckel Road on Crenshaw at Jack Northrup and on 120th</del>		2,000.0	0.0	2,000.0	2,000.0				
Hawthorne	MR312.61	Hawthorne Blvd Arterial Improvements, from 126th St to 111th St. <b>(Completed)</b>		4,400.0	0.0	4,400.0	4,400.0				
Hawthorne	MR312.66	Imperial Ave Signal Improvements and Intersection Capacity Project		1,995.0	0.0	1,995.0	1,995.0				
Hawthorne	MR312.67	Rosecrans Ave Signal Improvements and Intersection Capacity Enhancements.		3,200.0	0.0	3,200.0	3,200.0				
Hawthorne	MR312.68	El Segundo Blvd Improvements Project Phase I		2,000.0	0.0	2,000.0	2,000.0				

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Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Hawthorne	MR312.69	El Segundo Blvd Improvements Project Phase II		1,300.0	0.0	1,300.0	600.0	700.0			
Hawthorne	MR312.81	120th St Improvements -- Crenshaw Blvd to Felton Ave		3,600.0	0.0	3,600.0	600.0	2,000.0	1,000.0		
		<b>TOTAL HAWTHORNE</b>		32,983.0	0.0	32,983.0	29,283.0	2,700.0	1,000.0	0.0	0.0
Hermosa Beach	MR312.05	PCH (SR-1/PCH) Improvements between Anita St. and Artesia Boulevard		574.7	0.0	574.7	574.7				
		<b>TOTAL HERMOSA BEACH</b>		574.7	0.0	574.7	574.7	0.0	0.0	0.0	0.0
Inglewood	MR312.12	Intelligent Transportation System (ITS) Phase IV		3,500.0	0.0	3,500.0	3,500.0				
Inglewood	MR312.50	ITS: Phase V - Communication Gap Closure on Various Locations, ITS Upgrade and Arterial Detection		0.0	0.0	0.0					
Inglewood	MR312.70	Prairie Ave Signal Synchronization Project <b>(Complete)</b>		205.0	0.0	205.0	205.0				
Inglewood	MR312.71	La Cienega Blvd Synchronization Project <b>(Complete)</b>		80.0	0.0	80.0	80.0				
Inglewood	MR312.72	Arbor Vitae Synchronization Project <b>(Complete)</b>		130.0	0.0	130.0	130.0				
Inglewood	MR312.73	Florence Ave Synchronization Project <b>(Complete)</b>		255.0	0.0	255.0	255.0				
		<b>TOTAL INGLEWOOD</b>		4,170.0	0.0	4,170.0	4,170.0	0.0	0.0	0.0	0.0
LA City	MR312.48	Alameda St. (South) Widening frm. Anaheim St. to Harry Bridges Blvd		17,481.3	0.0	17,481.3	5,875.0	7,606.3	4,000.0		
LA City	MR312.51	Improve Anaheim St. from Farragut Ave. to Dominguez Channel <b>(Call Match) F7207</b>		1,313.0	(0.0)	1,313.0	1,313.0				
LA City	MR312.56	Del Amo Blvd Improvements from Western Ave to Vermont Ave Project Oversight		100.0	0.0	100.0	100.0				
LA City	MR312.74	Alameda St. (East) Widening Project		3,580.0	0.0	3,580.0	3,580.0				
		<b>TOTAL LA CITY</b>		22,474.3	(0.0)	22,474.3	10,868.0	7,606.3	4,000.0	0.0	0.0
LA County	MR312.16	Del Amo Blvd improvements from Western Ave to Vermont Ave <b>(Complete)</b>		307.0	0.0	307.0	307.0				
LA County	MR312.52	ITS: Improvements on South Bay Arterials <b>(Call Match) F7310</b>	REP	1,021.0	0.0	1,021.0	401.0	620.0			
LA County	MR312.64	South Bay Arterial System Detection Project	REP	2,000.0	0.0	2,000.0			600.0	1,400.0	
		<b>TOTAL LA COUNTY</b>		3,328.0	0.0	3,328.0	708.0	620.0	600.0	1,400.0	0.0



**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

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Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Lawndale	MR312.15	Inglewood Ave Widening from 156th Street to I-405 Southbound on-ramp <b>(Complete)</b>		43.0	0.0	43.0	43.0				
Lawndale	MR312.31	Manhattan Bch Blvd at Hawthorne Blvd Left Turn Signal Improvements		508.0	0.0	508.0	508.0				
Lawndale	MR312.36	ITS: City of Lawndale Citywide Improvements <b>(Complete)</b>		878.3	0.0	878.3	878.3				
Lawndale	MR312.49	Redondo Beach Blvd Mobility Improvements from Prairie to Artesia <b>(Call Match) F9101</b>		1,039.3	0.0	1,039.3	1,039.3				
		<b>TOTAL LAWDALE</b>		2,468.6	0.0	2,468.6	2,468.6	0.0	0.0	0.0	0.0
Lomita	MR312.43	Intersection Improvements at Western/Palos Verdes Dr and PCH/Walnut <b>(Complete)</b>		1,585.0	0.0	1,585.0	1,585.0				
		<b>TOTAL LOMITA</b>		1,585.0	0.0	1,585.0	1,585.0	0.0	0.0	0.0	0.0
Manhattan Beach	MR312.04	Sepulveda Blvd at Marine Ave Intersection Improvements (West Bound left turn lanes) <b>(Complete)</b>		346.5	0.0	346.5	346.5				
Manhattan Beach	MR312.28	Seismic retrofit of widened Bridge 53-62 from Sepulveda Blvd from 33rd Street to south of Rosecrans Ave		9,100.0	0.0	9,100.0	9,100.0				
Manhattan Beach	MR312.34	Aviation Blvd at Artesia Blvd Intersection Improvements (Southbound right turn lane)		1,500.0	0.0	1,500.0	1,500.0				
Manhattan Beach	MR312.35	Sepulveda Blvd at Manhattan Beach Blvd Intersection Improvements (NB, WB, EB left turn lanes and SB right turn lane)	<b>CHG</b>	2,046.0	0.0	2,046.0	1,346.1		699.9		
Manhattan Beach	MR312.62	Marine Ave at Cedar Ave Intersection Improvements		900.0	0.0	900.0	900.0				
Manhattan Beach	MR312.87	Manhattan Bch Blvd at Peck Ave Signal Improvements		100.0	0.0	100.0	0.0	100.0			
		<b>TOTAL MANHATTAN BEACH</b>		13,992.5	0.0	13,992.5	13,192.6	100.0	699.9	0.0	0.0

**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

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Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Metro	MR312.30	I-405 Improvements from I-105 to Artesia Blvd		17,381.0	0.0	17,381.0	17,381.0				
Metro	MR312.55	I-405 Improvements from I-110 to Wilmington	<b>DEOB</b>	17,400.0	(7,000.0)	10,400.0	10,400.0				
Metro	3000002033	South Bay Arterial Baseline Conditions Analysis <b>(Complete)</b>		250.0	0.0	250.0	250.0				
Metro	MR312.83	Inglewood Transit Center at Florence/La Brea		1,500.0	0.0	1,500.0	1,500.0				
Metro	MR312.84	I-105 Integrated Corridor Management		19,850.0	0.0	19,850.0	2,600.0	2,400.0	14,850.0		
Metro	MR312.85	South Bay I-405 Aux Lane Improv. State/Federal Grant Match	<b>CHG</b>	14,000.0	8,000.0	22,000.0	1,800.0	3,000.0	9,200.0	8,000.0	
		<b>TOTAL METRO</b>		70,381.0	1,000.0	71,381.0	33,931.0	5,400.0	24,050.0	8,000.0	0.0
Rancho Palos Verdes	MR312.39	Western Ave. (SR-213) from Palos Verdes Drive North to 25th street -- PSR	<b>DEOB</b>	90.0	(90.0)	0.0					
		<b>TOTAL RANCHO PALOS VERDES</b>		90.0	(90.0)	0.0	0.0	0.0	0.0	0.0	0.0
POLA	MR312.32	SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd	<b>CHG</b>	46,350.0	2,980.0	49,330.0	10,830.0	10,000.0	25,520.0	2,980.0	
		<b>PORT OF LOS ANGELES</b>		46,350.0	2,980.0	49,330.0	10,830.0	10,000.0	25,520.0	2,980.0	0.0
Redondo Beach	MR312.06	Pacific Coast Highway improvements from Anita Street to Palos Verdes Blvd	<b>CHG</b>	1,400.0	1,000.0	2,400.0	1,400.0		1,000.0		
Redondo Beach	MR312.07	Pacific Coast Highway at Torrance Blvd intersection improvements (Northbound right turn lane) <b>(Complete)</b>		936.0	0.0	936.0	936.0				
Redondo Beach	MR312.08	Pacific Coast Highway at Palos Verdes Blvd intersection improvements (WB right turn lane) <b>(Complete)</b>		389.0	0.0	389.0	389.0				

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Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Redondo Beach	MR312.13	Aviation Blvd at Artesia Blvd intersection improvements <b>(Complete)</b> (Eastbound right turn lane)		22.0	0.0	22.0	22.0				
Redondo Beach	MR312.14	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Eastbound right turn lane) <b>(Complete)</b>		30.0	0.0	30.0	30.0				
Redondo Beach	MR312.20	Aviation Blvd at Artesia Blvd intersection improvements (Northbound right turn lane)	CHG	1,907.0	550.0	2,457.0	1,907.0		550.0		
Redondo Beach	MR312.38	PCH at Anita St Improv (left and right turn lane)		2,400.0	0.0	2,400.0	2,400.0				
Redondo Beach	MR312.42	Inglewood Ave at Manhattan Beach Blvd intersection improvements (Southbound right turn lane)		5,175.0	0.0	5,175.0	5,175.0				
Redondo Beach	MR312.75	Kingsdale Ave at Artesia Blvd Intersection Improvements	CHG	992.0	1,000.0	1,992.0	992.0		1,000.0		
		<b>TOTAL REDONDO BEACH</b>		13,251.0	2,550.0	15,801.0	13,251.0	0.0	1,550.0	0.0	0.0
Torrance	MR312.10	Pacific Coast Highway at Hawthorne Blvd intersection improvements		20,597.0	0.0	20,597.0	20,597.0				
Torrance	MR312.18	Maple Ave at Sepulveda Blvd Intersection Improvements <b>(Complete)</b> (Southbound right turn lane)		319.9	0.0	319.9	319.9				
Torrance	MR312.23	Torrance Transit Park and Ride Regional Terminal Project 465 Crenshaw Blvd		25,700.0	0.0	25,700.0	25,700.0				
Torrance	MR312.26	I-405 at 182nd St. / Crenshaw Blvd Operational Improvements		15,300.0	0.0	15,300.0	15,300.0				
Torrance	MR312.40	Pacific Coast Highway at Vista Montana/Anza Ave Intersection Improvements		2,900.0	0.0	2,900.0	2,900.0				
Torrance	MR312.58	Pacific Coast Highway from Calle Mayor to Janet Lane Safety Improvements		852.0	0.0	852.0	852.0				
Torrance	MR312.59	Pacific Coast Highway at Madison Ave Signal upgrades to provide left-turn phasing <b>(Complete)</b>		500.0	0.0	500.0	500.0				
Torrance	MR312.60	Crenshaw from Del Amo to Dominguez - 3 SB turn lanes at Del Amo Blvd, 208th St., Transit Center Entrance, Signal Improvements at 2 new signal at Transit Center		3,300.0	0.0	3,300.0	3,300.0				
Torrance	MR312.63	PCH at Crenshaw Blvd Intersection Imp		500.0	0.0	500.0	500.0				
Torrance	MR312.76	Plaza Del Amo at Western Ave (SR-213) Improvements		2,784.0	0.0	2,784.0	2,784.0				
		<b>TOTAL TORRANCE</b>		72,752.9	0.0	72,752.9	72,752.9	0.0	0.0	0.0	0.0
		<b>TOTAL SOUTH BAY PROGRAMMING</b>		437,940.2	8,473.0	446,413.3	319,257.7	45,046.3	68,729.3	12,380.0	0.0



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Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Caltrans	MR315.31	I-605 from SR-91 to South Street Improvements Project (Env. Doc.) <b>(Complete)</b>		500.0	0.0	500.0	500.0				
Caltrans	MR315.47	I-605 Corridor "Hot Spots" Interchanges Program Development, I-605/SR-60 PA/ED		3,650.0	0.0	3,650.0	3,650.0				
Caltrans	MR315.48	I-605 Corridor "Hot Spots" Interchanges Program Development, I-605 Intersection Improvements		60.0	0.0	60.0	60.0				
		<b>TOTAL CALTRANS</b>		8,050.1	0.0	8,050.1	8,050.1	0.0	0.0	0.0	0.0
Artesia	MR315.25	Pioneer Blvd at Arkansas St Intersection Imp		725.0	0.0	725.0	625.0	100.0			
		<b>TOTAL ARTESIA</b>		725.0	0.0	725.0	625.0	100.0	0.0	0.0	0.0
Bellflower	MR315.16	Bellflower Blvd- Artesia Blvd Intersection Improvement Project		8,442.8	0.0	8,442.8	8,442.8				
Bellflower	MR315.33	Lakewood - Alondra Intersection Improvements: Construction	<b>CHG</b>	1,002.0	500.0	1,502.0	1,002.0		500.0		
		<b>TOTAL BELLFLOWER</b>		9,444.8	500.0	9,944.8	9,444.8	0.0	500.0	0.0	0.0
Cerritos	MR315.38	Carmenita - South Intersection Improvements, Construction		634.2	0.0	634.2	414.2	220.0			
Cerritos	MR315.39	Bloomfield - Artesia Intersection Improvements, ROW & Construction		1,544.2	0.0	1,544.2	1,544.2				
		<b>TOTAL CERRITOS</b>		2,178.4	0.0	2,178.4	1,958.4	220.0	0.0	0.0	0.0
Downey	MR315.03	Lakewood - Telegraph Intersection Improvements <b>(Complete)</b>		2,120.0	0.0	2,120.0	2,120.0				
Downey	MR315.14	Lakewood - Imperial Intersection Improvements		4,060.0	0.0	4,060.0	4,060.0				
Downey	MR315.18	Bellflower - Imperial Highway Intersection Improvements <b>(Complete)</b>		2,740.4	0.0	2,740.4	2,740.4				
Downey	MR315.27	Lakewood - Florence Intersection Improvements		4,925.0	0.0	4,925.0	4,925.0				
Downey	MR315.66	Lakewood Blvd at Firestone Blvd Intersection Improvm.		3,993.0	0.0	3,993.0	1,300.0	2,693.0			
		<b>TOTAL DOWNEY</b>		17,838.4	0.0	17,838.4	15,145.4	2,693.0	0.0	0.0	0.0

MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS

ATTACHMENT A

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
<b>Gateway Cities: Interstate 710 South Early Action Projects (expenditure line 37)</b>				<b>300,378.2</b>	<b>6,000.0</b>	<b>306,378.2</b>	<b>264,522.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
GCCOG	MOU.306.03	GCCOG Engineering Support Services		2,000.0	0.0	2,000.0	1,550.0	450.0			
<b>TOTAL GCCOG</b>				<b>2,000.0</b>	<b>0.0</b>	<b>2,000.0</b>	<b>1,550.0</b>	<b>450.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Metro	AE3722900	I-710 Soundwall Design Package 1 (PSE & ROW) <b>(Complete)</b>		2,161.9	0.0	2,161.9	2,161.9				
Metro	Bucket	I-710 ITS/Air Quality Early Action <b>(Grant Match)</b>	<b>DEOB</b>	2,660.0	(2,660.0)	0.0					
Metro	MR306.02	I-710 Soundwall Package 2 Construction		4,948.0	0.0	4,948.0	4,948.0				
Metro	PS2198100	I-710 Soundwall Package 2 (PSE&ROW)		4,079.6	0.0	4,079.6	4,079.6				
Metro	PS-4010-2540-02-17	I-710/I-5 Interchange Project Development <b>(Complete)</b>		600.0	0.0	600.0	600.0				
Metro	PS4340-1939	I-710 Corridor Project (PA/ED) EIR/EIS		40,495.9	0.0	40,495.9	40,495.9				
Metro	PS4340-1939	I-710 Corridor Project Task Force/ Mobility Investment Plan Development		6,282.0	0.0	6,282.0	0.0	6,282.0			
Metro	TBD	LBC to East LA Mobility Corridor Investment Plan/Outrech CBO Efforts		850.0	0.0	850.0	0.0	425.0	425.0		
Metro	PS-4710-2744	I-710 Soundwall Feasibility & Project Development		3,509.0	0.0	3,509.0	3,509.0				
Metro	PS4720-3330	I-710 Soundwall PSE & ROW Package 3		7,929.6	0.0	7,929.6	7,929.6				
Metro	MR306.04	I-710 Soundwall Package 3 Construction		43,062.0	0.0	43,062.0	43,062.0				
Metro	PS4720-3334	Program/Project Management Support of Measure R Funds <b>(Complete)</b>		200.0	0.0	200.0	200.0				
Metro	MOU.Calstart2010	Professional Services contract for development of zero emission technology report		150.0	0.0	150.0	150.0				
Metro	MR306.38	Sustainable Transportation Planning Grant <b>(Grant Match Complete)</b>		64.8	0.0	64.8	64.8				
Metro	MR306.41	FRATIS Modernization <b>(Grant Match)</b>		3,000.0	0.0	3,000.0	3,000.0				
Metro	MR306.59	Imperial Hwy Capacity Enhancements Project		3,965.0	0.0	3,965.0	2,365.0	1,600.0			
Metro	various	Professional Services contracts for I-710 Utility Studies (North, Central, South)		25,046.0	0.0	25,046.0	25,046.0				
Metro	MR306.05	I-710 Integrated Corridor Management (ICM) Project	<b>CHG</b>	6,100.0	2,660.0	8,760.0	4,000.0	2,100.0	2,660.0		

**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
Metro	MR306.61	Rosecrans Ave/Atlantic Ave & Artesia Blvd/Santa Fe Intersection Improvements		2,553.2	0.0	2,553.2	329.5	223.7	2,000.0		
Metro/Signal Hill	MR306.62	Willow St Corridor -- Walnut Ave to Cherry Ave Congestion Relief Project	<b>CHG</b>	1,312.1	6,000.0	7,312.1	700.1	612.0	2,000.0	4,000.0	
		<b>TOTAL METRO</b>		158,969.1	6,000.1	164,969.2	142,641.5	11,242.7	7,085.0	4,000.0	0.0
POLA	MR306.40	I-710 Eco-FRATIS Drayage Truck Efficiency Project (Grant Match)		240.0	0.0	240.0	240.0				
		<b>TOTAL POLA</b>		240.0	0.0	240.0	240.0	0.0	0.0	0.0	0.0
Metro	13.01/USACE	Third Party Support Services for I-710 Corridor Project (US Army Corp of Eng)		100.0	0.0	100.0	100.0				
		<b>TOTAL USACE</b>		100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0
Metro	MR306.39	I-710 Soundwall Project - SCE Utility Relocation Engineering Advance		75.0	0.0	75.0	75.0				
Metro	MR306.48	SCE design support I-710 Soundwall Package 3		400.0	0.0	400.0	400.0				
Metro	MR306.5B	Third Party Support Services for I-710 Corridor Project (So Cal Edison)		1,623.0	0.0	1,623.0	1,623.0				
		<b>TOTAL SCE</b>		2,098.0	0.0	2,098.0	2,098.0	0.0	0.0	0.0	0.0
Caltrans	MR306.27	Third Party Support for I-710 Corridor Project EIR/EIS Enhanced IQA		3,500.0	0.0	3,500.0	3,500.0				
Caltrans	MR306.29	I-710 Early Action Project - Soundwall PA/ED Phase - Noise Study Only		100.0	0.0	100.0	100.0				
Caltrans	MR306.21	I-710 Integrated Corridor Management (ICM) CT IQA		150.0	0.0	150.0	150.0				
		<b>TOTAL CALTRANS</b>		3,750.0	0.0	3,750.0	3,750.0	0.0	0.0	0.0	0.0
LA County	MR306.01	Whittier Blvd (Indiana Street to Paramount Blvd) Corridor Project (Call Match) F9304		700.0	0.0	700.0	700.0				
LA County	MR306.16	Staff Support for the Review of the Draft I-710 South EIR/EIS		157.0	0.0	157.0	157.0				
		<b>TOTAL LA COUNTY</b>		857.0	0.0	857.0	857.0	0.0	0.0	0.0	0.0



**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
South Gate	MR306.14	Staff Support for the Review of the Draft I-710 South EIR/EIS		184.5	0.0	184.5	184.5				
South Gate	MR306.17	Atlantic Ave/Firestone Blvd Intersection Improvements (Complete)		12,400.0	0.0	12,400.0	12,400.0				
South Gate	MR306.24	Reconfiguration of Firestone Blvd On-Ramp to I-710 S/B Freeway	<b>CHG</b>	1,450.0	0.0	1,450.0	1,450.0				
South Gate	MR306.33	Firestone Blvd Regional Corridor Capacity Enhancement Project		6,000.0	0.0	6,000.0	6,000.0				
South Gate	MR306.43	I-710 Soundwall Project - Package 1 Construction Phase		8,900.0	0.0	8,900.0	8,900.0				
South Gate	MR306.57	Imperial Highway Improvements Project		966.2	0.0	966.2	966.2				
South Gate	MR306.58	Firestone Blvd at Otis St Improvements		850.0	0.0	850.0	850.0				
South Gate	MR306.63	Garfield Ave Median Improvements (Complete)		340.0	0.0	340.0	340.0				
		<b>TOTAL SOUTH GATE</b>		<b>31,090.7</b>	<b>0.0</b>	<b>31,090.7</b>	<b>31,090.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Vernon	MR306.15	Staff Support for the Review of the Draft I-710 South EIR/EIS		70.2	0.0	70.2	70.2				
Vernon	MR306.25	Atlantic Blvd Bridge Widening and Rehabilitation		2,070.0	0.0	2,070.0	2,070.0				
		<b>TOTAL VERNON</b>		<b>2,140.2</b>	<b>0.0</b>	<b>2,140.2</b>	<b>2,140.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
		<b>TOTAL I-710 SOUTH PROGRAMMING</b>		<b>300,378.2</b>	<b>6,000.0</b>	<b>306,378.2</b>	<b>264,522.5</b>	<b>21,514.7</b>	<b>16,341.0</b>	<b>4,000.0</b>	<b>0.0</b>

**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26
<b>North County: SR-138 Safety Enhancements (expenditure line 38)</b>				<b>200,000.0</b>		<b>200,000.0</b>	<b>141,418.5</b>	<b>12,874.9</b>	<b>34,168.1</b>	<b>11,538.5</b>	<b>0.0</b>
Metro	MR330.01	SR-138 (AvenueD) PA/ED (I-5 to SR-14)		19,400.0	0.0	19,400.0	19,400.0				
Metro	MR330.13	SR-14 Traffic Safety Improvements Project		5,600.0	0.0	5,600.0	0.0	5,600.0			
<b>TOTAL METRO</b>				<b>25,000.0</b>	<b>0.00</b>	<b>25,000.0</b>	<b>19,400.0</b>	<b>5,600.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Lancaster	MR330.02	SR-138 (SR-14) Avenue K Interchange	<b>CHG</b>	8,924.2	0.0	8,924.2	6,320.4			2,603.8	
Lancaster	MR330.03	SR-138 (SR-14) Avenue G Interchange		1,875.1	(0.0)	1,875.1	1,875.1				
Lancaster	MR330.04	SR-138 (SR-14) Avenue J Interchange		39,067.4	0.0	39,067.4	19,000.0	2,274.9	17,792.4		
Lancaster	MR330.05	SR-138 (SR-14) Avenue L Interchange		1,510.0	0.0	1,510.0	1,510.0				
Lancaster	MR330.06	SR-138 (SR-14) Avenue M Interchange	<b>CHG</b>	13,623.4	0.0	13,623.4	4,688.7			8,934.7	
<b>TOTAL LANCASTER</b>				<b>65,000.0</b>	<b>0.0</b>	<b>65,000.0</b>	<b>33,394.2</b>	<b>2,274.9</b>	<b>17,792.4</b>	<b>11,538.5</b>	<b>0.0</b>
Palmdale	MR330.07	SR-138 Palmdale Blvd. (SR-138) 5th to 10th St. East		25,000.0	0.0	25,000.0	25,000.0				
Palmdale	MR330.08	SR-138 Palmdale Blvd. SB 14 Ramps	<b>CHG</b>	25,000.0	10,429.1	35,429.1	14,053.4	5,000.0	16,375.7		
Palmdale	MR330.09	SR-138 10th St. West Interchange		15,000.0	0.0	15,000.0	15,000.0				
Palmdale	MR330.10	SR-138 (SR-14) Widening Rancho Vista Blvd. to Palmdale Blvd		25,000.0	0.0	25,000.0	25,000.0				
Palmdale	MR330.11	SR-138 Avenue N Overcrossing	<b>DEOB</b>	20,000.0	(10,429.1)	9,570.9	9,570.9				
<b>TOTAL PALMDALE</b>				<b>110,000.0</b>	<b>(0.0)</b>	<b>110,000.0</b>	<b>88,624.3</b>	<b>5,000.0</b>	<b>16,375.7</b>	<b>0.0</b>	<b>0.0</b>
<b>TOTAL SR-138 PROGRAMMING</b>				<b>200,000.0</b>		<b>200,000.0</b>	<b>141,418.5</b>	<b>12,874.9</b>	<b>34,168.1</b>	<b>11,538.5</b>	<b>0.0</b>

**MEASURE R MULTIMODAL HIGHWAY OPERATIONAL IMPROVEMENT PROJECTS**

**ATTACHMENT A**

Agency	Project ID No.	PROJECT/LOCATION	Note	Prior Alloc	Alloc Change	Current Alloc	Prior Yr Program	FY2022-23	FY2023-24	FY2024-25	FY2025-26	
<b>North County: I-5/SR-14 Safety Enhancements (expenditure line 26)</b>					<b>85,094.9</b>		<b>85,094.9</b>	<b>60,611.2</b>	<b>14,000.0</b>	<b>500.0</b>	<b>9,984.2</b>	<b>0.0</b>
Lancaster	MR330.02	SR-138 (SR-14) Avenue K Interchange	<b>CHG</b>	9,297.5	0.0	9,297.5				4,649.0	4,648.5	
Lancaster	MR330.04	SR-138 (SR-14) Avenue J Interchange		8,769.2	0.0	8,769.2	6,569.2	2,200.0				
Lancaster	MR330.06	SR-138 (SR-14) Avenue M Interchange		3,677.0	0.0	3,677.0	2,877.0	800.0				
<b>TOTAL LANCASTER</b>					<b>21,743.7</b>	<b>0.0</b>	<b>21,743.7</b>	<b>9,446.2</b>	<b>3,000.0</b>	<b>0.0</b>	<b>4,649.0</b>	<b>4,648.5</b>
LA County	MR501.01	The Old Road - Magic Mountain Prkwy to Turnberry Ln		25,000.0	0.0	25,000.0	14,000.0	11,000.0				
<b>TOTAL LA COUNTY</b>					<b>25,000.0</b>	<b>0.0</b>	<b>25,000.0</b>	<b>14,000.0</b>	<b>11,000.0</b>	<b>0.0</b>	<b>4,649.0</b>	<b>4,648.5</b>
Palmdale	MR330.08	SR-138 Palmdale Blvd SB 14 Ramps		1,186.2	0.0	1,186.2	0.0		500.0	686.2		
Palmdale	MR330.09	SR-138 10th St. West Interchange		12,600.0	0.0	12,600.0	12,600.0					
<b>TOTAL PALMDALE</b>					<b>13,786.2</b>	<b>0.0</b>	<b>13,786.2</b>	<b>12,600.0</b>	<b>0.0</b>	<b>500.0</b>	<b>686.2</b>	<b>0.0</b>
Santa Clarita	MR501.02	Sierra Highway Traffi Signal Improvements		565.0	0.0	565.0	565.0					
Santa Clarita	MR501.03	Vista Canyon Road Bridge at Los Canyon Road		20,000.0	0.0	20,000.0	20,000.0					
Santa Clarita	MR501.04	Vista Canyon Metrolink Station		4,000.0	0.0	4,000.0	4,000.0					
<b>TOTAL SANTA CLARITA</b>					<b>24,565.0</b>	<b>0.0</b>	<b>24,565.0</b>	<b>24,565.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>TOTAL I-5/SR-14 PROGRAMMING</b>					<b>85,094.9</b>		<b>85,094.9</b>	<b>60,611.2</b>	<b>14,000.0</b>	<b>500.0</b>	<b>9,984.2</b>	<b>0.0</b>





Subject: SCAG Update July 2023

From: Erik Rodriguez, SCAG Sr. Government Affairs Officer;  
[rodrigueze@scag.ca.gov](mailto:rodrigueze@scag.ca.gov)

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**INFORMATION**

**SCAG AWARDED \$237 MILLION FOR REAP 2.0**

The Department of Housing and Community Development has officially approved SCAG’s full funding application, [awarding SCAG with more than \\$237 million in REAP 2.0 funds.](#)

The REAP 2.0 program is a flexible program to accelerate progress toward state housing goals and climate commitments through partnership between the state, its regions and local entities. SCAG will sub-allocate REAP 2.0 funds to eligible partners in the SCAG region through calls for applications. For more information, visit [scag.ca.gov/reap2021](http://scag.ca.gov/reap2021).

**ACTION**

**REGIONAL COUNCIL ADOPTS UPDATED POLICY FRAMEWORK FOR CONNECT SOCAL 2024**

The Regional Council today adopted an updated Policy Framework for Connect SoCal 2024 – the Regional Transportation Plan/Sustainable Communities Strategy – which advances regional priorities and confirms the direction for Connect SoCal 2024 in advance of a draft plan release in October 2023.

SCAG’s Regional Council in June 2022 adopted a Policy Development Framework for Connect SoCal 2024, which outlined the draft vision and goals for the plan, identified key policy priorities and outlined the strategies for advancing those policies through the three Connect SoCal 2024 subcommittees that concluded in spring 2023.

The special Connect SoCal 2024 subcommittees dug deeper into three topics: Next Generation Infrastructure, Resilience and Conservation, and Racial Equity and Regional Planning. The updated Policy Framework reflects elements of direction and feedback received from the subcommittees over the past year.

**REGIONAL COUNCIL OFFICERS**

- President  
Art Brown, Buena Park
- First Vice President  
Curt Hagman, County of San Bernardino
- Second Vice President  
Cindy Allen, Long Beach
- Immediate Past President  
Jan C. Harnik, Riverside County Transportation Commission

**COMMITTEE CHAIRS**

- Executive/Administration  
Art Brown, Buena Park
- Community, Economic & Human Development  
Frank Yokoyama, Cerritos
- Energy & Environment  
Deborah Robertson, Rialto
- Transportation  
Tim Sandoval, Pomona

## **ACTION:**

### **REGIONAL COUNCIL APPROVES COUNTY TRANSPORTATION COMMISSION PROGRAM AWARD LIST**

The Regional Council today approved funding recommendations for the County Transportation Commission (CTC) Partnership Program, an \$80 million competitive program developed in close partnership with CTCs in the SCAG region. The program is made possible by the recently approved REAP 2.0 funding. Through this program, SCAG will fund 33 transformative planning and implementation projects that expand access, increase mobility and bring jobs and housing closer together to achieve a more sustainable growth pattern across the region.

Project awards are split across three eligible projects categories:

- \$35 million invested in projects that increase transit ridership
- \$36 million invested in multimodal communities projects
- \$9 million invested in projects to shift travel behavior

## **News from the President**

### **EXECUTIVE/ADMINISTRATION COMMITTEE CONVENES FOR 2023-24 STRATEGIC PLANNING SESSION**

SCAG President Art Brown convened the Executive/Administration Committee on June 29 for a two-day work planning session in Buena Park. During the session, committee members reflected on the past year and discussed strategic planning for the year ahead. The 2023-24 Strategic Plan involves working toward innovative solutions that improve the quality of life for Southern Californians, including becoming the foremost data information hub for the region, advancing planning regional priorities through increased advocacy and more.

### **GO HUMAN DEMONSTRATES SAFE STREETS IN BUENA PARK**

SCAG President Art Brown and Executive Director Kome Ajise, attended the Buena Park Food Truck Festival on June 23. At the event, the City of Buena Park, in partnership with *Go Human*, hosted a Kit of Parts demonstration, showcasing a pop-up parklet, bike lane, artistic crosswalk and curb extension. The demonstration showed how infrastructure can improve bicyclist and pedestrian safety. To learn more about SCAG's *Go Human* program, visit [scag.ca.gov/go-human](https://scag.ca.gov/go-human).

## **News from the Executive Director**

### **MULTIPLE CALLS FOR APPLICATIONS OPEN FOR PROGRAMS TO ACCELERATE TRANSFORMATIVE HOUSING**

Calls for Applications are now open for two of three funding areas in the recently approved REAP 2.0 Programs to Accelerate Transformative Housing (PATH):

- **The Housing Infill on Public and Private Lands (HIPP) Pilot Program** is focused on the development of affordable housing at scale on available public and private land as well as development and implementation of corridor-wide or area-wide regulatory infill housing actions. The HIPP program applications are **due by July 10**.
- **The Notice of Funding Available (NOFA) for Lasting Affordability** provides support for innovative housing finance, trust funds, catalyst funds and new permanent funding sources. The NOFA for Lasting Affordability applications are **due by July 31**.

The Call for Applications for the third PATH funding area, Regional Utilities Supporting Housing, is expected to be released in late summer 2023.

## **SCAG RECEIVES APPROVAL OF CONFORMITY DETERMINATION**

The Regional Council in June adopted Connect SoCal Amendment No. 3 and the 2023 Federal Transportation Improvement Program (FTIP) Consistency Amendment, including the associated conformity analysis. SCAG has since received accelerated federal final approval of the conformity determination. With this approval, \$26 billion worth of important transportation projects in the Connect SoCal and FTIP Amendments can now move forward. Thank you to Caltrans, the Federal Highway Administration and the Federal Transit Administration for expedited review and approval of the conformity determination.

## **SCAG AWARDED LOCAL AGENCY TECHNICAL ASSISTANCE GRANT TO EXPAND BROADBAND**

The California Public Utilities Commission approved SCAG's \$1 million Local Agency Technical Assistance Grant (LATA) on June 29. LATA grants support local agencies and tribes in their efforts to expand broadband service to unserved and underserved Californians. The funding enables SCAG to advance up to three broadband projects in unserved or underserved areas. SCAG will collaborate with local jurisdictions that were unable to apply for funding or lacked the resources to engage a consultant or manage the project themselves.

The full July Executive Director's Report is available here: [LINK](#).

## **UPCOMING MEETINGS**

### **JULY**

- 18<sup>th</sup>** Legislative/Communications and Membership Committee
- 18<sup>th</sup>** Housing Working Group
- 18<sup>th</sup>** Toolbox Tuesday: Extreme Heat Mitigation Resources
- 20<sup>th</sup>** Technical Working Group
- 20<sup>th</sup>** Equity Working Group
- 25<sup>th</sup>** Transportation Conformity Working Group
- 26<sup>th</sup>** Modeling Task Force
- 26<sup>th</sup>** SoCal Greenprint Technical Advisory Committee Meeting

### **AUGUST**

- 1<sup>st</sup>** Aviation Technical Advisory Committee
- 8<sup>th</sup>** Toolbox Tuesday: Empowering Southern California with Big Data Analytics
- 15<sup>th</sup>** Legislative/Communications and Membership Committee
- 16<sup>th</sup>** Special Meeting of the Community, Economic and Human Development Committee
- 24<sup>th</sup>** Sustainable & Resilient Communities/Natural & Farm Lands Conservation Working Groups (Joint Meeting)
- 28<sup>th</sup>** SoCal Greenprint Technical Advisory Committee
- 30<sup>th</sup>** Regional Transit Technical Advisory Committee





# **NORTH LOS ANGELES COUNTY**

## **Transportation Coalition JPA**

### **AGENDA REPORT – BOARD ITEM 15**

#### **North Los Angeles County Transportation Coalition**

Date: July 17, 2023

To: Governing Board Members of the North Los Angeles County Transportation Coalition (NCTC) JPA

From: Arthur V. Sohikian, Executive Director

Subject: **Approve Proposed FY2023-24 Annual Budget and NCTC Executive Director Signing Authority**

#### **Recommended Actions:**

- A. Approve proposed NCTC FY2023-24 Annual Budget of \$163,000.
- B. Authorize Executive Director signing authority for administrative costs/expenses up to \$5,000.00.
- C. Receive and File FY2021-22 Financial Statements Compliance Audit

#### **Fiscal Impact:**

The FY2023-24 fiscal impact of \$163,000 described below. Please see Attachment A for the proposed NCTC JPA FY2023-24 Annual Budget.

#### **Budget Background:**

On July 11, 2022, the NCTC JPA approved the current FY2022-23 Annual Budget of \$163,000. At that time there was a cumulative carry-over amount of \$78,712 as a reserve.

The FY2021-2022 Financial Statements Compliance Audit was conducted in conjunction with the Department of Auditor-Controller, County of Los Angeles. The completed third-party audit found no internal control deficiencies or exceptions noted and the NCTC was issued a clean opinion. Audit at NCTC JPA website: [www.northcountytransportationcoalition.org](http://www.northcountytransportationcoalition.org)

#### **Proposed FY2023-24 Annual Budget**

To advance the NCTC JPA Transportation Programs and Projects, the Executive Director working with Member Agency staff determined the proposed FY2023-24 Annual Budget is \$163,000. There is a cumulative carry-over amount of \$97,960 as a reserve. Los Angeles County committed to funding the County Counsel and County Auditor-Controller for FY2023-24 in the amount of \$39,000. Each Member Agency dues for FY2023-24 is \$31,000. LA County funds a total of \$70,000 (\$31,000 Member Agency dues and \$39,000 LA County Departments expenditures). The Board is being requested to authorize the Executive Director to have signing authority for administrative expenditures of up to \$5,000.

**Attachment A:** Proposed NCTC JPA Annual Budget – FY2023-2024

**ATTACHMENT A**  
**NCTC July 17, 2023 BOARD REPORT 15**

<b>NORTH LOS ANGELES COUNTY TRANSPORTATION COALITION JOINT POWERS AUTHORITY</b>				
<b>PROPOSED NCTC JPA ANNUAL BUDGET</b>				
<b>FISCAL YEAR 2023-2024</b>				
			<b>Proposed</b>	<b>Current</b>
			<b>FY2023-2024</b>	<b>FY2022-2023</b>
			<b>Annual Budget</b>	<b>Annual Budget</b>
<b>FUNDING SOURCES</b>				
	LA County		\$ 39,000	\$ 39,000
	Member Agency Dues		\$ 124,000	\$ 124,000
	Sponsorship/Donations		\$ -	\$ -
	<b>TOTAL FUNDING SOURCES</b>		<b>\$ 163,000</b>	<b>\$ 163,000</b>
<b>EXPENDITURE CATEGORIES</b>				
	County Counsel & Auditor Controller		\$ 39,000	\$ 39,000
	Computer Supplies		\$ -	\$ -
	Incidental Expenses		\$ -	\$ -
	Management Services Contract		\$ 99,000	\$ 99,000
	Membership Dues		\$ -	\$ -
	Office & Meeting Supplies		\$ 250	\$ 250
	Parking fees		\$ -	\$ -
	Postage		\$ -	\$ -
	Printing		\$ 1,000	\$ 1,000
	Travel		\$ -	\$ -
	Website hosting & updates		\$ 2,300	\$ 2,300
	Record Management (cloud services)		\$ -	\$ -
	Administration Costs/Record Mgt/Misc.		\$ 1,450	\$ 1,450
	<b>TOTAL EXPENDITURE CATEGORIES</b>		<b>\$ 143,000</b>	<b>\$ 143,000</b>
	Approximate Carry Over Amount		\$ 20,000	\$ 20,000

Note:

Estimate of cumulative carry-over balance: \$97,960

# Center for Transportation Technology Excellence



**Metro**<sup>™</sup>

July 2023



# The Impetus for the Project



- **Metro and transit agencies across the Western US have many bus, rail, and infrastructure projects with similar challenges:**
  - Limited access to vehicle and system level testing
  - Limited access to trained, skilled workforce
  - Limited access to vendors
  - Limited access to R&D facilities
  - Project and new vehicle deployment delays are often the result
- **New technologies are being incorporated in regional projects and programs**
  - Zero emission, microgrids, autonomous vehicles, high speed rail, etc. coming in next several decades
  - Project risk is reduced when expertise and testing is local
- Metro, and the region at large, needs **qualified transit workforce, including engineers and operators to design, manufacture, operate and maintain this new fleet and related technologies**

# Significant Vehicle Market Demand



**2,246 heavy-duty transit buses ordered in US in 2021, a 27% increase from the previous year.**



**1,400 ZEBs are on order in the 24 states west of the Mississippi River.**



**In the Western U.S., 1,060 heavy railcars, 215 light rail vehicles and 11 streetcars were order or planned in 2020.**

# Key Site Requirements



## Component 1:

**Approx. 7 square miles needed for Rail Test Tracks and Vehicle Testing Laboratories to Serve Metro and 3rd Parties, and approximately 500,000 square feet of system testing laboratories and auxiliary uses:**

- Track must sustain rail vehicle speeds of 85 mph
- Advanced dynamometer for electric vehicles
- Testing for microgrids, vehicle-grid integration
- Climate room for railcar and bus HVAC testing
- Space for 3rd parties to make refinements based on tests
- Facilities for Training Engineers and Operators

## Component 2:

**Entitled property to site manufacturing facilities for bus and rail vehicle assembly, collectively sized at 1,500,000 square feet.**



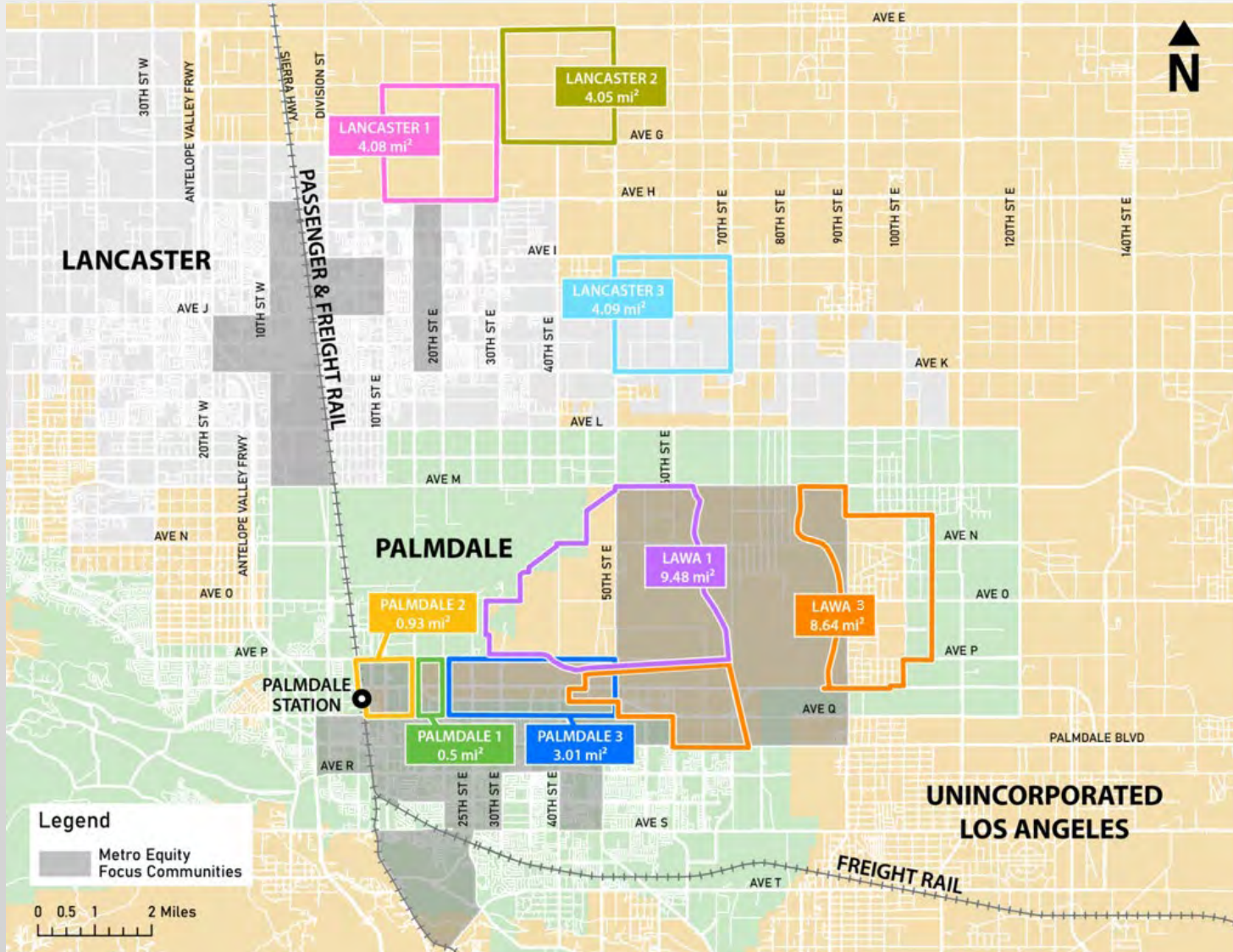
# Projected Economic and Job Benefits



- **\$11.5 billion** in economic return/impact
- **\$6.67 billion** in retail and wholesale sales over decade during design and construction of proving ground
- **\$607 million** in local, state and federal tax revenues over same timeframe (of which \$319.1 million is in state and local tax revenues in 2021 dollars)
- **114,310 direct and indirectly generated jobs**

Source: <https://www.apta.com/research-technical-resources/my-economic-impact-tool/economic-impact-tool/>

# Identification of a Suitable Site



# Site Evaluation Summary



## Property Size

- Two of the eight sites meet the minimum criteria for light and heavy rail testing.

## Proximity to rail corridor

- All sites were within six miles of a rail corridor. One site contained a rail spur within its boundary.

## Zoning

- Six of the eight sites fall within two jurisdictions to varying degrees: Unincorporated Los Angeles County and the City of Palmdale. Two sites are entirely within Unincorporated LA. Each of the sites show an array of zoning designations, including Residential, Commercial, Industrial, Manufacturing, and Agricultural.

## Flood plains

- All but one site fall at least partially within an existing flood hazard zone.

## Local Public Transportation

- All but two sites are adjacent to or include local transit routes.

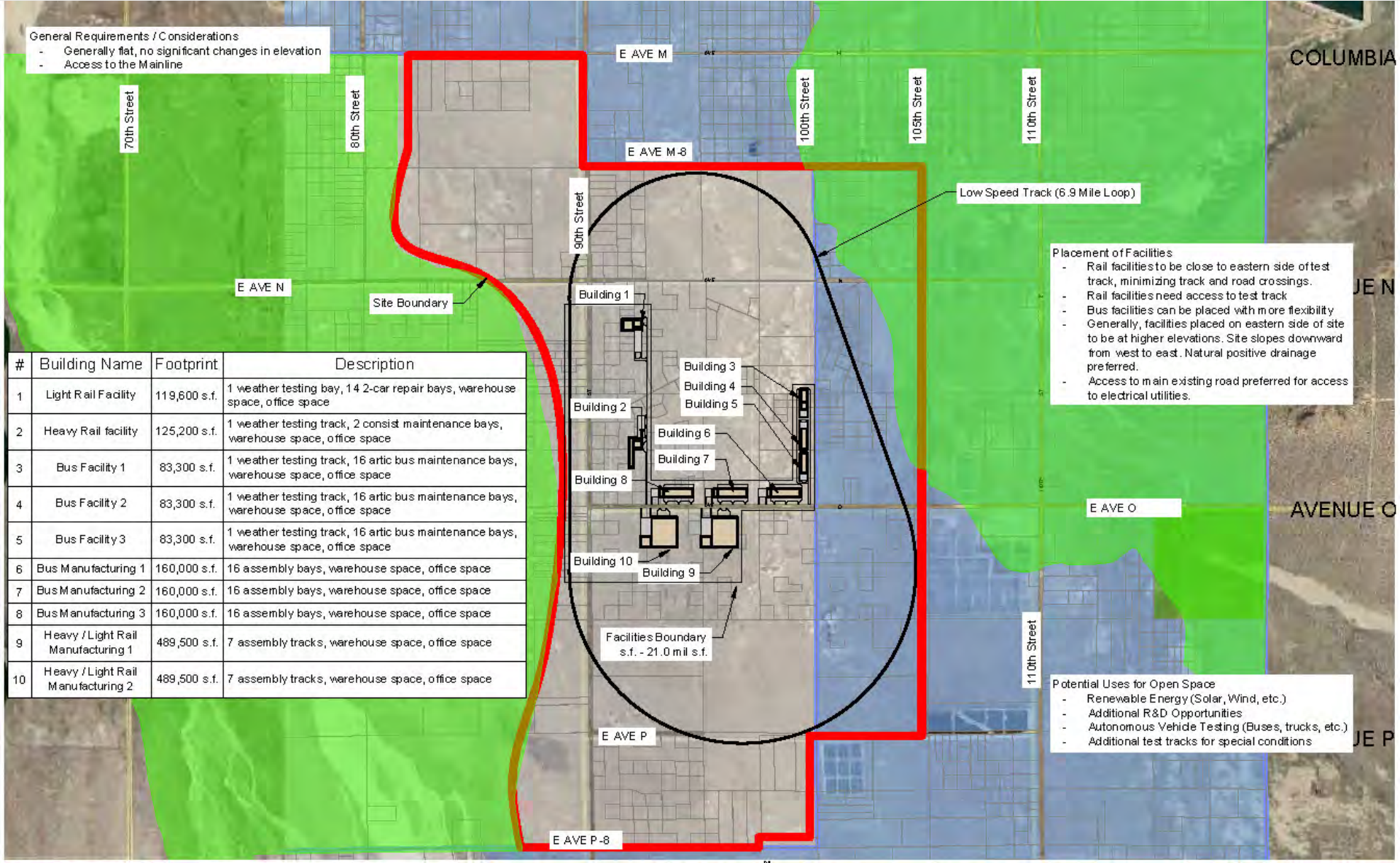
The sites performed the same under all other criteria besides Property Size.



# Conceptual Site Plan



- General Requirements / Considerations**
- Generally flat, no significant changes in elevation
  - Access to the Mainline



- Placement of Facilities**
- Rail facilities to be close to eastern side of test track, minimizing track and road crossings.
  - Rail facilities need access to test track
  - Bus facilities can be placed with more flexibility
  - Generally, facilities placed on eastern side of site to be at higher elevations. Site slopes downward from west to east. Natural positive drainage preferred.
  - Access to main existing road preferred for access to electrical utilities.

#	Building Name	Footprint	Description
1	Light Rail Facility	119,600 s.f.	1 weather testing bay, 14 2-car repair bays, warehouse space, office space
2	Heavy Rail facility	125,200 s.f.	1 weather testing track, 2 consist maintenance bays, warehouse space, office space
3	Bus Facility 1	83,300 s.f.	1 weather testing track, 16 artic bus maintenance bays, warehouse space, office space
4	Bus Facility 2	83,300 s.f.	1 weather testing track, 16 artic bus maintenance bays, warehouse space, office space
5	Bus Facility 3	83,300 s.f.	1 weather testing track, 16 artic bus maintenance bays, warehouse space, office space
6	Bus Manufacturing 1	160,000 s.f.	16 assembly bays, warehouse space, office space
7	Bus Manufacturing 2	160,000 s.f.	16 assembly bays, warehouse space, office space
8	Bus Manufacturing 3	160,000 s.f.	16 assembly bays, warehouse space, office space
9	Heavy / Light Rail Manufacturing 1	489,500 s.f.	7 assembly tracks, warehouse space, office space
10	Heavy / Light Rail Manufacturing 2	489,500 s.f.	7 assembly tracks, warehouse space, office space

- Potential Uses for Open Space**
- Renewable Energy (Solar, Wind, etc.)
  - Additional R&D Opportunities
  - Autonomous Vehicle Testing (Buses, trucks, etc.)
  - Additional test tracks for special conditions

# Next Steps



- **Site Control in partnership with LAWA**
- **Metro, County, Palmdale and Other Consortium Members to Vet**
  - Financial Strategy: potentially including EIFD or other Financing District, and sales tax contributions
  - Land Use Coordination: determine most streamlined strategy for entitling and permitting the project
  - Governance Model: benefits of developing a joint powers authority
  - Workforce Development: determine opportunities to leverage resources for training purposes
- **Pursuit of Funding, including through EDA NOFO**

# EDA NOFO Key Technology Focus Areas



The NOFO lists 10 Key Technology Focus Areas (KTFAs). Four of the key technology areas referenced in the NOFO align with areas of focus within Metro's CTE:

1. Robotics, automation, and advanced manufacturing
2. Advanced communications technology and immersive technology
3. Advanced energy and industrial efficiency technologies, such as batteries and advanced nuclear technologies, including but not limited to for the purposes of electric generation
4. Advanced materials science, including composites 2D materials, other next-generation materials, and related manufacturing technologies



# EDA NOFO Phase 1 – Overview



The EDA's Tech Hubs NOFO Phase 1 is due on August 15<sup>th</sup>. Applicants may apply for a Strategic Planning or Tech Hub Designation, or both:

## **Strategic Planning Grant**

- Intended to facilitate a region to prepare to apply for an Implementation Grant or to prepare for potential future rounds of Designation.
- Would help the consortium significantly increase local coordination and planning activities to be more competitive on the seven items discussed in the Designation section

## **Tech Hub Designation – allows for submittal of Phase 2 Implementation Grants of up to \$75M**

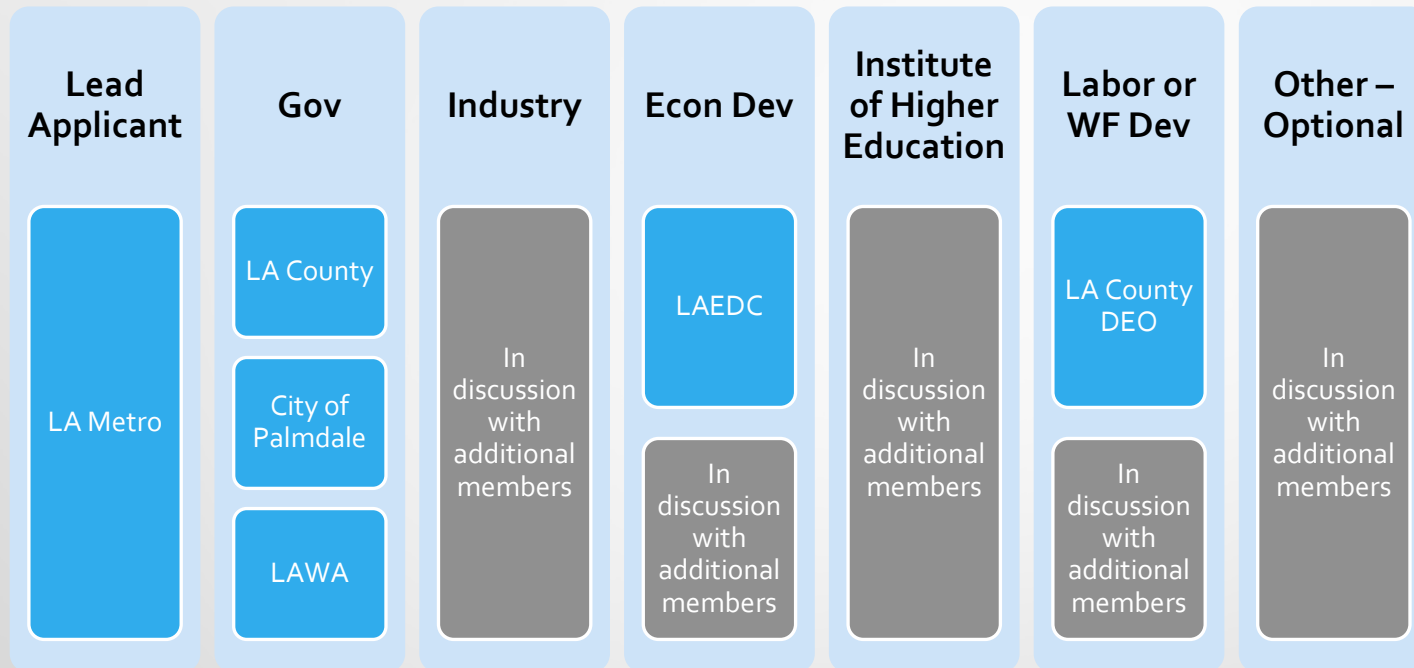
- Designation is a strong signal from EDA about a region's assets, resources, and capabilities, including that the region is in a position where an investment over the next five years can catalyze their emergence over the next decade as a self-sustainable, globally competitive region in a particular technological area(s).

**LA Metro will pursue both a Strategic Planning Grant and Tech Hub designation in partnership with a consortium of important regional stakeholders.**

# EDA NOFO Phase 1 – Consortia



LA Metro, in partnership with LA County, the City of Palmdale, and LAEDC is forming a consortium around transit technology development.



**EDA Strategic Planning Grant may support initial pre-development costs including:**

- Governance model and Operations strategy (selection of 3rd parties for vehicle assembly, manufacturing, and other technology uses and lab-to-market approaches, R&D Models, Training, etc)
- Financial plan for construction and operations
- Environmental clearance and to advance the entitlement strategy for the entire project

# Potential Partnership



- Request for Letter of Support for NOFO Application
- Continued Discussions and Engagement as the Project Advances



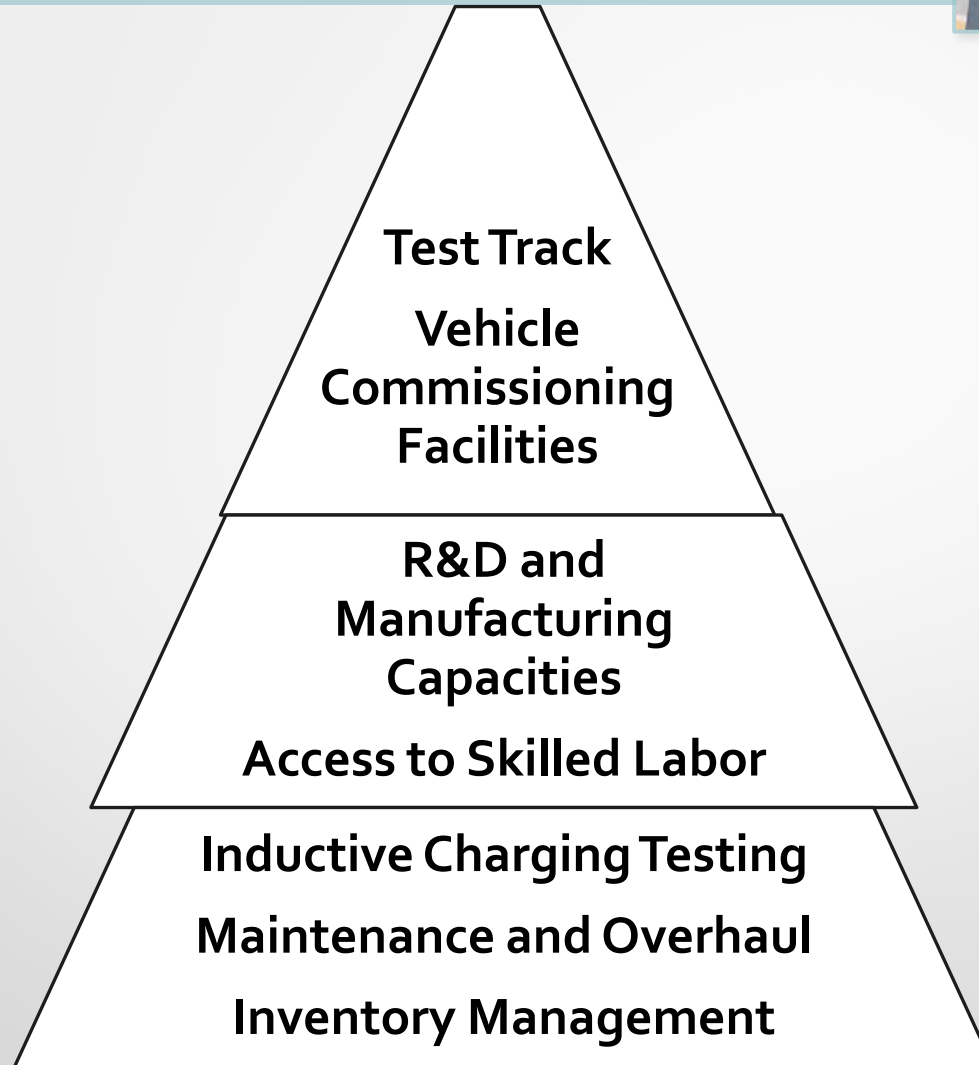
# Feedback and Questions



**Metro**<sup>TM</sup>

Thank you!

# Desired Facility Needs



Source: Metro/ZEBGO surveys and interviews

# CTTE Key Technology Focus Areas - #1



## Robotics, automation, and advanced manufacturing:

- Configuring existing and emerging technologies to improve driver-assistance automation functions for transit operators, to enable precise bus stop/station docking even in ordinary street environments, thereby improving boarding times and the overall user experience;
- Designing automated functions for bus (and possible future “trackless tram”) operations that enable smoother, more precise acceleration and deceleration to improve schedule adherence; and/or
- Improving and helping deploy advances in automated (i.e., driverless and/or driver-assist) rail vehicle applications, including for freight rail and mixed passenger/freight environments.



# CTTE Key Technology Focus Areas - #2



## Advanced communications technology and immersive technology:

- Reducing or eliminating the impacts of electromagnetic interference (EMI) from the large electric motors used in battery-electric buses;
- Identifying the bandwidth requirements and specifications needed for vehicle-to-vehicle communications, especially over relatively long ranges (as in transit applications), especially those requiring less infrastructure (e.g., next-generation wireless communications-based train control or continuous real time road vehicle monitoring and control); and/or
- Developing modular real-time vehicle-to-infrastructure communication networks that are reliable and easy to deploy along corridors in urban environments.

# CTTE Key Technology Focus Areas - #3



**Advanced energy and industrial efficiency technologies, such as batteries and advanced nuclear technologies, including but not limited to for the purposes of electric generation:**

- Optimizing battery energy management across a large fleet, through battery, grid, and communications technology, so that vehicles are sufficiently powered to complete their routes/trips;
- Optimizing Charging management so that large-scale charging applications do not overburden the local utility grid; and/or
- Optimizing and faster deployment of next-generation charge and grid management with improved vehicle-to-everything (so called “V2X/two-way”) charging capabilities.

# CTTE Key Technology Focus Areas - #4



**Advanced materials science, including composites 2D materials, other next-generation materials, and related manufacturing technologies:**

- Developing cost-effective ways to manufacture and deploy lighter, more durable, longer lasting materials for heavy-duty vehicle frames, necessary to compensate for the heavier weight of batteries in battery-electric vehicles, and to reduce overall road weight; LA Metro has extensive relevant experience operating the country's largest fleet of fiberglass composite buses (the CompoBus);
- Testing weight reduction and battery capacity tradeoffs in range and efficiency for large vehicles;
- Advancing manufacturing processes by co-locating the testing and production of battery, charging, communications and other advanced components to reduce development time.