



Consideration of Traffic, Bicycle and Pedestrian Safety Measures along Sepulveda Boulevard



Parking and Public Improvements Commission – March 26, 2026

Note: This PowerPoint presentation is intended solely as a visual aid to an oral staff presentation of an agenda report topic. In the event of any differences between the presentation and the agenda report, the information in the agenda report prevails.

Background

- State Highway (SR-1), six lane regional arterial roadway
- 10 signalized / 20 unsignalized intersections
- Fatal pedestrian collision December 16, 2024
- Fatal motorist collision, January 8, 2025
- Fatal pedestrian collision May 4, 2025
- City Council directed staff to conduct study – 5/20/2025
- City/Caltrans Safety Analysis 6/2025 – 2/2026



Immediate Actions

- Increased traffic violation and speed enforcement
- Deployed surveillance cameras
- Conducted DUI checkpoint – July 2025
- Deployed educational message boards
- Posted social media safety awareness content
- Purchased two electronic speed feedback signs
- Initiated comprehensive safety analysis on Sepulveda Bl.



Safety Analysis

- Utilized Latest Safety Analysis Guidelines
- Caltrans/City Field Meeting 7/6/2025
- Existing Conditions Inventory
- Current Speed Survey
- Crash History Analysis
- Potential Safety Countermeasures Review
- Safety Measure Evaluation



Engineering and Traffic Survey – 2023

- Length – 2 miles
- Traffic Volume – 41,500 to 56,000 vehicles per day
- Speed Limit – 35 MPH

SEGMENT	85 TH %TILE SPEED		10 MPH PACE	
	NB	SB	NB	SB
Artesia Blvd. to Longfellow Ave.	37	34	28-37	26-35
Longfellow Ave. to 2 nd St.	31	39	22-31	30-39
2 nd St. to 8 th St	37	34	26-35	25-34
8 th St. to Manhattan Beach Blvd.	41	39	32-41	30-39
Manhattan Beach Blvd. to Marine Ave.	39	40	27-36	31-40
Marine Ave. to Rosecrans Ave.	39	38	26-35	29-38



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Crash History

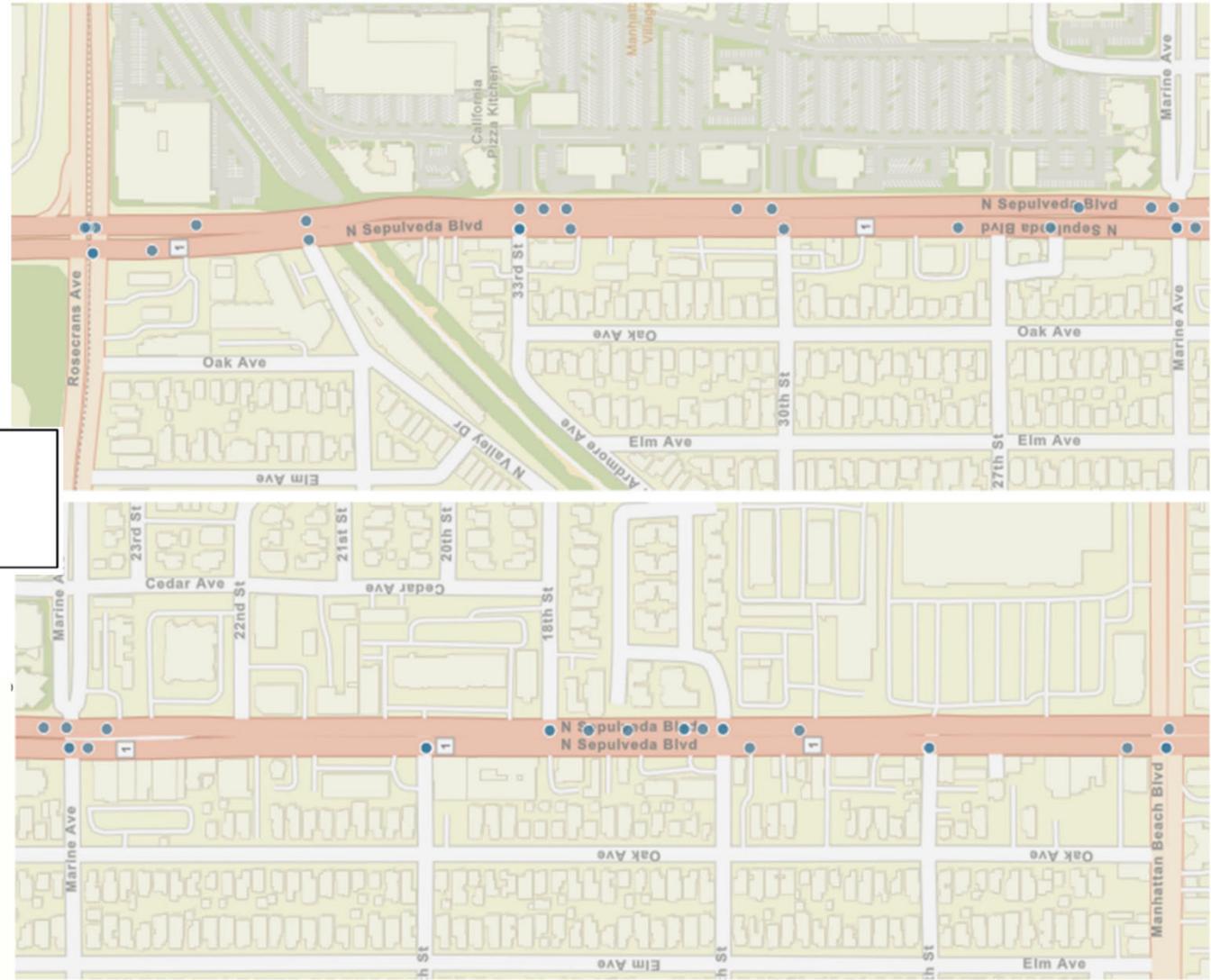
SEGMENT	FATAL AND INJURY CRASHES					
	2021	2022	2023	2024	2025*	Ave.
Artesia Blvd. to Longfellow Ave.	3	3	3	2	0	2.31
Longfellow Ave. to 2 nd St.	0	2	0	0	3	0.63
2 nd St. to 8 th St	1	1	1	2	2	1.47
8 th St. to Manhattan Beach Blvd.	2	2	2	1	1	1.68
Manhattan Beach Blvd. to Marine Ave.	4	1	6	3	6	4.21
Marine Ave. to Rosecrans Ave.	3	4	6	3	2	3.79
TOTAL	13	13	18	11	14	14.53
Fatal	0	0	0	1	2	0.63
# Injured	24	18	28	12	19	21.26
Pedestrian	1	1	3	2	3	2.10
Bicycle	2	1	1	0	2	1.26
Motorcycle	0	0	3	2	2	1.47
Fatal/Injury Crashes per MVM	0.36	0.36	0.50	0.30	0.39	0.41
Statewide Ave. F/I Crashes/MVM	0.50	0.50	0.50	0.50	0.50	0.50
Fatal Crashes per MVM	0	0	0	0.28	0.56	0.084
Statewide Average Fatal Crashes per MVM	0.013	0.013	0.013	0.013	0.013	0.013



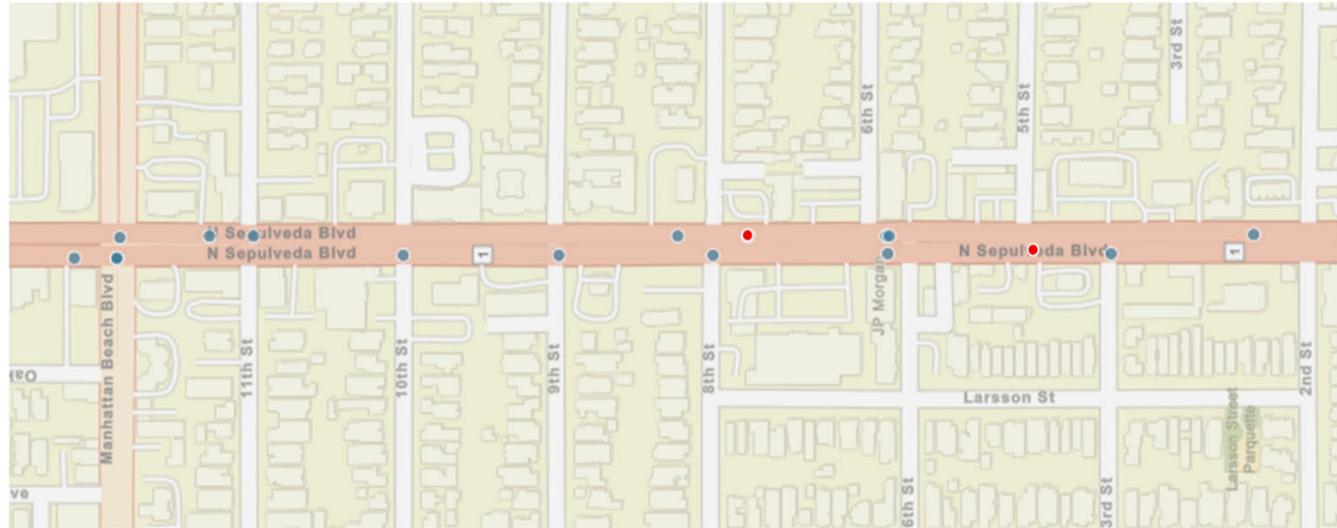
Crash History Map 2021-9/2025

Legend

- Injury Crash
- Fatal Crash

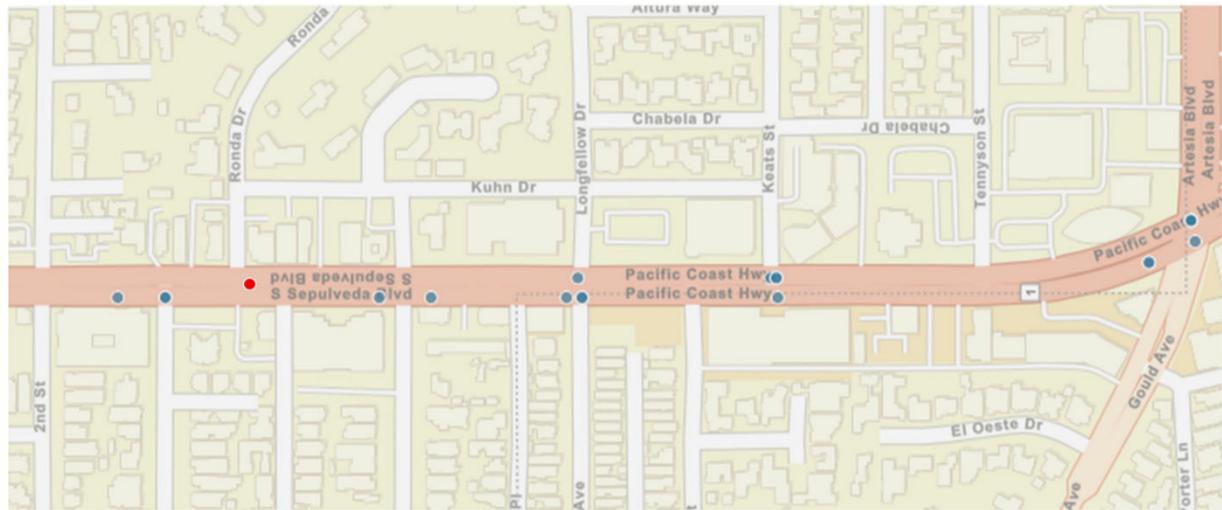


Crash History Map 2021-9/2025



Legend

- Injury Crash
- Fatal Crash



Potential Safety Countermeasures

- Access Management (to reduce points of conflict between vehicles)
 - Construct median barriers to prohibit high-conflict turning movements (TBD)
- Advanced Technology and ITS (for driver education and crash prevention)
 - Install speed feedback signs (In process)
 - Install traffic monitoring sensors (In process)
- Bicyclists (to improve safety for vulnerable road users)
 - Install bicycle lanes, sharrows and bike detection on specific cross-streets (TBD)



Potential Safety Countermeasures

- Delineation (to channelize and separate traffic flow)
 - Install Keep Clear, speed and yield pavement markings (Under construction)
 - Add lane extension lines through intersection (Under construction)
 - Restripe with high-reflectivity striping after resurfacing (Under construction)
- Intersection Geometry (for positive guidance through intersections)
 - Add dual left turn lanes at Manhattan Beach Blvd. (In Design)
 - Construct channelizing islands to prohibit illegal turns (TBD)



Potential Safety Countermeasures

- Intersection Traffic Control (to improve pedestrian safety and reduce points of conflict)
 - Install leading pedestrian signal timing at all traffic signals **(Completed)**
 - Add vehicle detection at signalized intersections **(Under Construction)**
 - Prohibit left turns at some unsignalized intersections **(TBD)**
 - Install right turn only restrictions on some high-conflict side streets **(TBD)**



Potential Safety Countermeasures

- Pedestrians (to improve pedestrian safety, give positive guidance and driver awareness)
 - Install high-visibility crosswalks (Under construction)
 - Construct sidewalks, remove barriers (In design)
 - Construct directional access ramps (Under construction)
 - Construct ADA compliant ramps (Under construction)
 - Install pedestrian crossing prohibition signs (Under construction)
- Pavement Condition and Friction (to improve braking performance and driver visibility)
 - Resurface roadway for all-weather, high contrast striping (Under construction)



Potential Safety Countermeasures

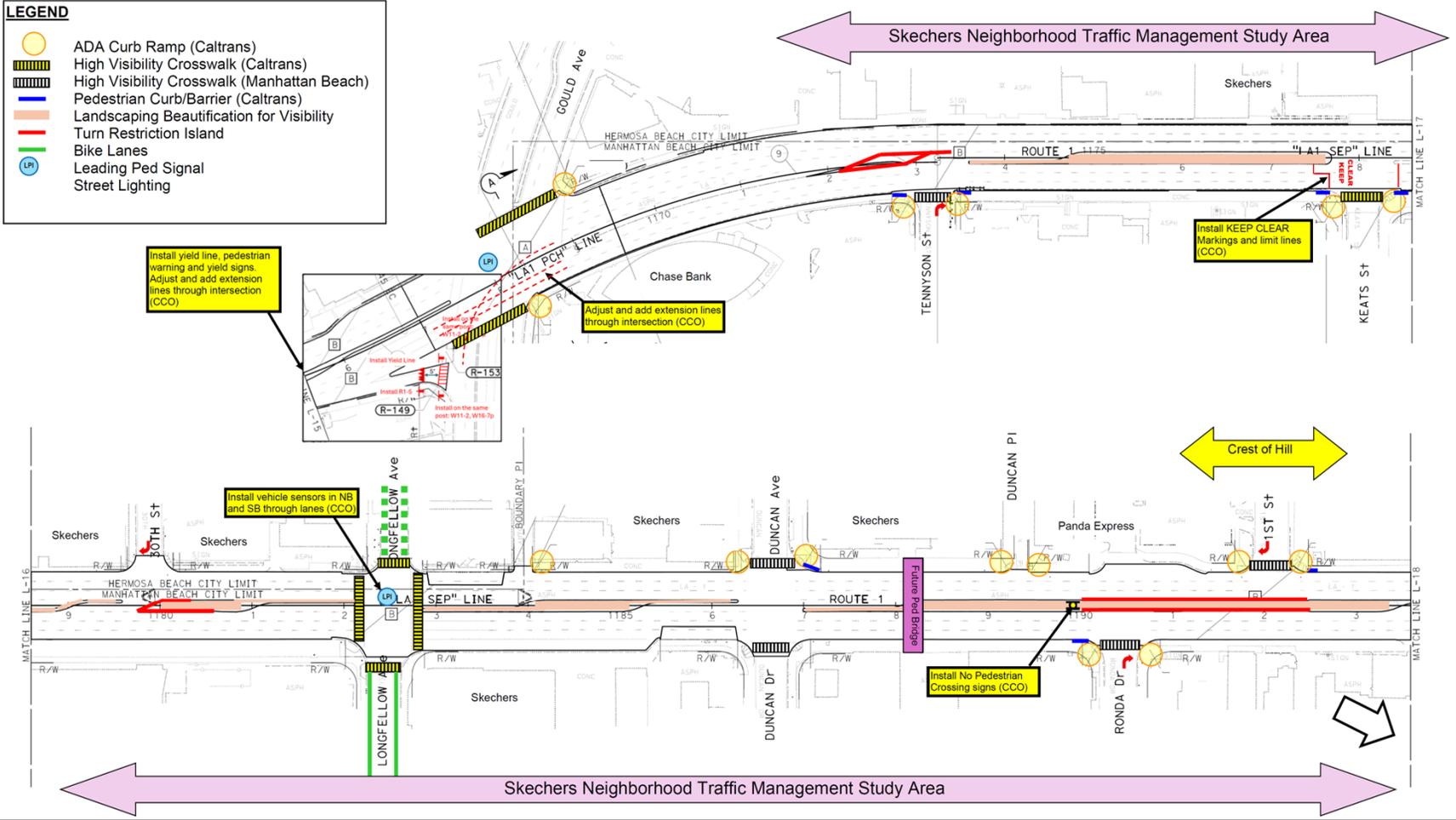
- Shoulder Treatments (for positive lane control)
 - Reduce shoulder width restriping (**Under construction**)
- Signs (to educate drivers and reduce unsafe pedestrian activity)
 - Install pedestrian crossing prohibition signs (**Under construction**)
 - Install speed limit signs (**Under construction**)
- Speed Management
 - Install speed feedback signs (**In process**)
 - Conduct targeted speed enforcement (**Ongoing**)
 - Conduct DUI and vehicle safety checkpoints (**Ongoing**)



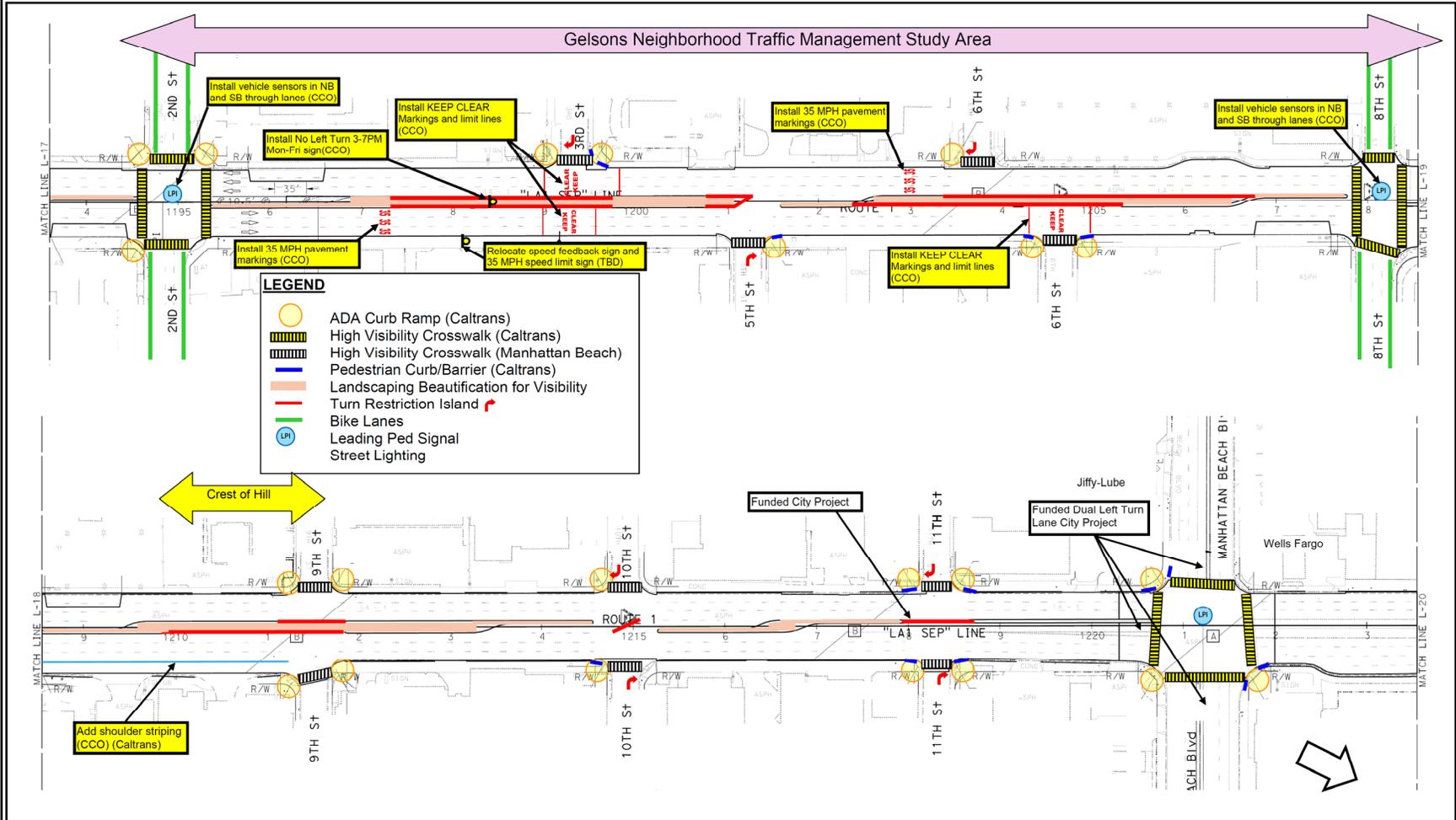
Potential Safety Countermeasures

LEGEND

-  ADA Curb Ramp (Caltrans)
-  High Visibility Crosswalk (Caltrans)
-  High Visibility Crosswalk (Manhattan Beach)
-  Pedestrian Curb/Barrier (Caltrans)
-  Landscaping Beautification for Visibility
-  Turn Restriction Island
-  Bike Lanes
-  Leading Ped Signal
-  Street Lighting



Potential Safety Countermeasures

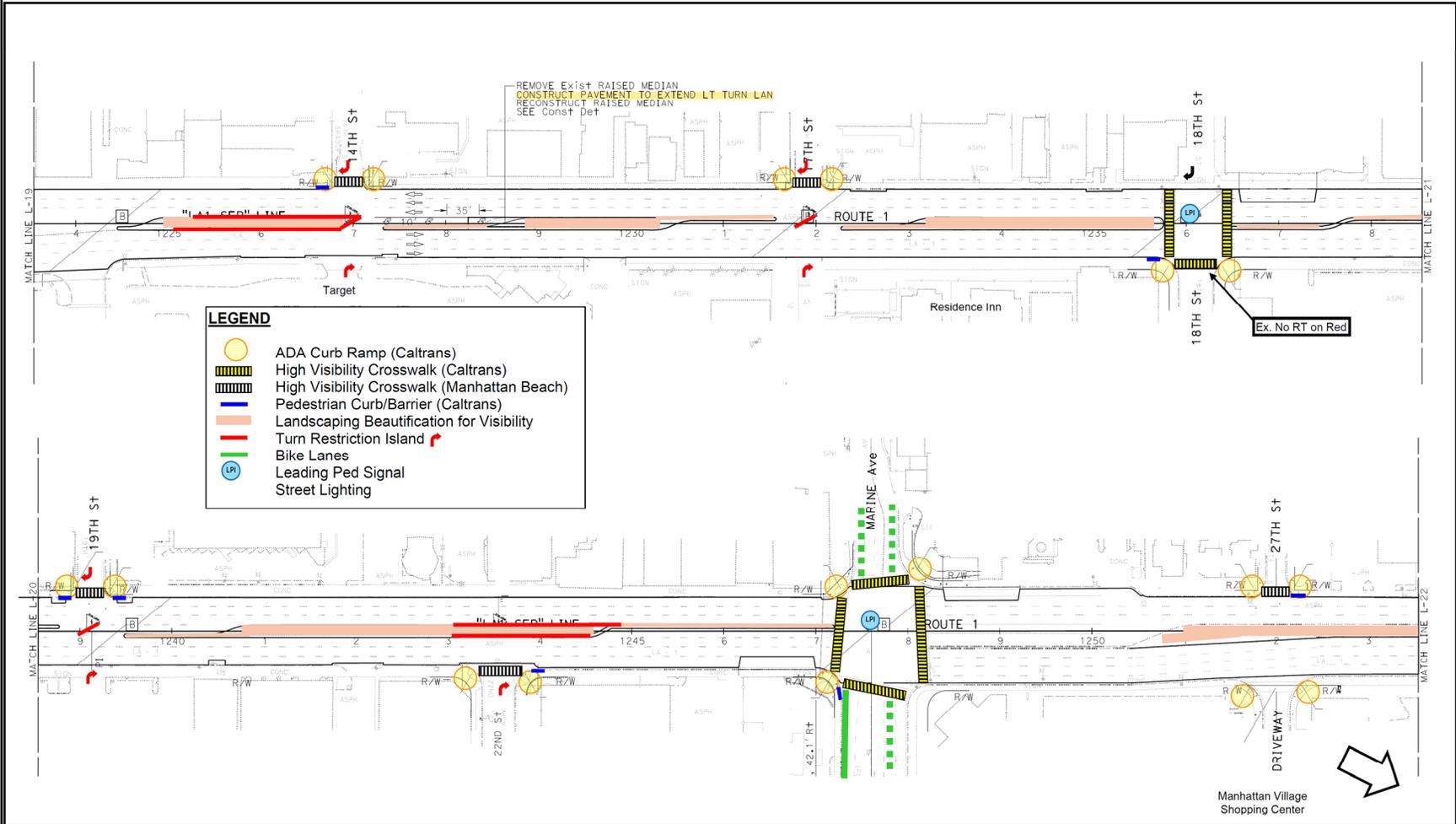



 City of Manhattan Beach
 Community Development
 Traffic Engineering Division

FOR PLANNING PURPOSES ONLY
 Revised 03/16/2026

Sepulveda Boulevard (SR-1)
 Safety Study Potential Measures
 Sheet 2 of 4

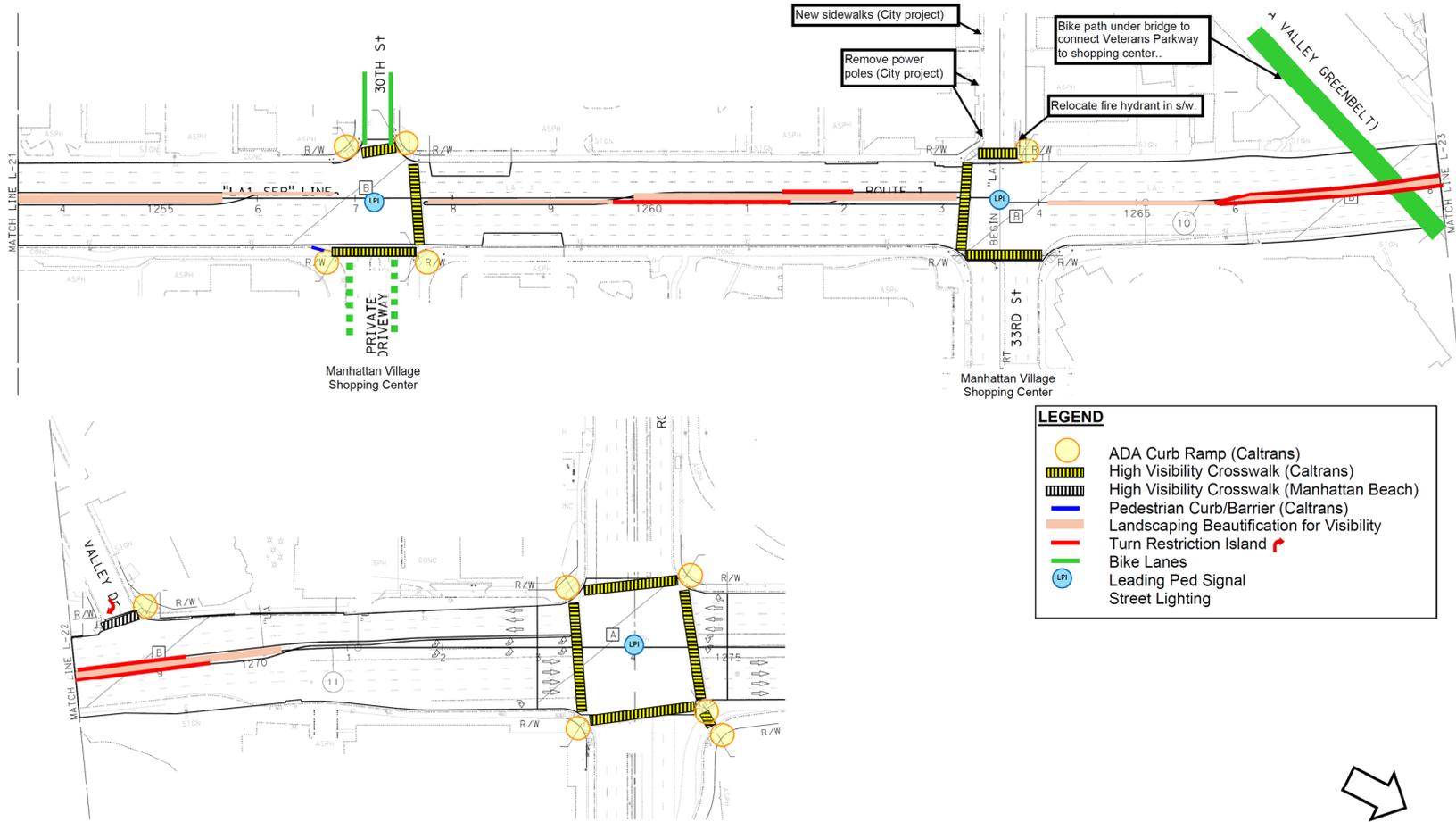
Potential Safety Countermeasures



LEGEND

- ADA Curb Ramp (Caltrans)
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- Leading Ped Signal
- Street Lighting

Potential Safety Countermeasures



City of Manhattan Beach
Community Development
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Sepulveda Boulevard (SR-1)
Safety Study Potential Measures
Sheet 4 of 4

Potential Safety Countermeasures

#	DESCRIPTION	LEAD AGENCY	SCHEDULE	COST	NOTES
1	Construct ADA accessible curb ramps (various locations)	Caltrans	Short	\$\$\$	CAPM project
2	Install high visibility crosswalks (various locations)	Caltrans	Short	\$\$	CAPM project
3	Install high visibility crosswalks (various locations)	City	Short	\$\$	
4	Install pedestrian curb/barrier at corners (various locations)	Caltrans	Short	\$\$	Part of CAPM project
5	Install yield line, pedestrian warning and yield signs at Artesia Bl. Adjust and add extension lines in intersection.	Caltrans	Short	\$\$	CCO to CAPM project
6	Install vehicle sensor loops at three intersections (2 nd Street, 8 th Street, and Longfellow Ave)	Caltrans	Short	\$\$	CCO to CAPM project
7	Install leading pedestrian interval at intersections	Caltrans	Short	\$	Completed. This is standard operation for Caltrans.
8	Prohibit WB left turns at Tennyson St.*	City	Medium	\$	Skechers NTMP
9	Install limit line, KEEP CLEAR pavement markings NB and high visibility crosswalk at Keats St.	Caltrans	Short	\$	CCO to CAPM project
10	Prohibit EB left turns at 30th St (Hermosa Beach)	Hermosa Beach	Short	\$	In Hermosa Beach
11	Install bike lanes and sharrows on Longfellow Ave.	City	Medium	\$	Skechers NTMP (Remove parking)
12	Install No Ped Xing signs at Ronda Dr. in the center median.	Caltrans	Short	\$	CCO to CAPM project
13	Prohibit WB left turns at Ronda St.*	City	Medium	\$	Skechers NTMP
14	Install bike lanes and sharrows on 2 nd Street	City	Short	\$	Gelsons NTMP (Remove parking)
15	Install 35 MPH pavement markings NB and SB between 2 nd St. and 6 th St.	Caltrans	Short	\$	CCO to CAPM project
16	Install 35 MPH speed limit sign on NB and add additional sign prohibiting NB left turns 3-7PM M-F at 3 rd St.	Caltrans	Short	\$	CCO to CAPM project
17	Relocate speed feedback sign from 8 th St. to 3 rd St.	City	Short	\$	TBD
18	Install limit line and KEEP CLEAR pavement markings for NB lanes.	Caltrans	Short	\$	CCO to CAPM
18b	Prohibit EB left turns at 3 rd St.*	City	Short	\$	Gelsons NTMP
19	Prohibit WB left turns at 5 th St.*	City	Medium	\$	Gelsons NTMP



CITY OF
MANHATTAN BEACH

CONSIDERATION OF SAFETY MEASURES ON SEPULVEDA BOULEVARD
PPIC MEETING – MARCH 26, 2026

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Potential Safety Countermeasures

#	DESCRIPTION	LEAD AGENCY	SCHEDULE	COST	NOTES
20	Prohibit EB left turns at 6 th St.*	City	Medium	\$	Gelsons NTMP
21	Install limit line and KEEP CLEAR pavement markings for NB lanes at 6 th St.*	Caltrans	Short	\$	CCO to CAPM
21b	Prohibit WB left turns at 6 th St.*	City	Short	\$	Gelsons NTMP
22	Install NB shoulder diagonal markings between 8 th St. to 9 th St.	Caltrans	Short	\$	CCO to CAPM project
23	Install bike lanes and sharrows on 8 th St.	City	Medium	\$\$	Gelsons NTMP (Widen street)
24	Prohibit WB and EB left turns at 10 th St.*	City	Medium	\$	Gelsons NTMP
25	Prohibit EB and WB left turns at 11 th St.*	City	Medium	\$\$	Existing City Project at MBB
26	Construct dual NB, EB and WB left turn pockets at MBB	City	Medium	\$\$\$\$	Existing City Project at MBB
27	Prohibit EB and WB left turns at 14 th St.*	City	Medium	\$	
28	Prohibit EB and WB left turns at 17 th St.*	City	Medium	\$	
29	Prohibit EB and WB left turns at 19 th St.*	City	Medium	\$	
30	Prohibit WB left turns at 22 nd St.*	City	Medium	\$	
31	Install bike lanes and sharrows on Marine Ave.	City	Long	\$\$\$	Widen Street
32	Install bike lanes and sharrows on 30 th St.	City	Long	\$\$\$	MV shopping center driveway
33	Install sidewalks on 33 rd Street	City	Medium	\$\$\$	Existing City Project
34	Relocate poles and fire hydrant in sidewalk on 33 rd Street	City	Long	\$\$\$	
35	Construct bike path west of Veterans Parkway bridge	City	Long	\$\$\$	
36	Prohibit EB left turns at Valley Dr.*	City	Short	\$	
37	Reconfigure crosswalks at Rosecrans Ave with dual curb ramp	City	Medium	\$\$\$	New curb ramps, signal modification
38	Center median landscaping beautification on entire corridor	City	Medium	\$\$\$\$	Drought tolerant, remove obstructions
39	Construct pedestrian bridge between Duncan Dr and Ronda	Skechers	Long	\$\$\$\$	Proposed by Skechers
#	ENFORCEMENT	LEAD AGENCY	SCHEDULE	COST	NOTES
40	Conduct DUI checkpoints	City	Short	\$	July 2025, More in progress
41	Deploy video surveillance cameras with targeted enforcement	City	Short	\$	In progress
42	Pursue State Priority Corridor status	City			
#	EDUCATION	LEAD AGENCY	SCHEDULE	COST	NOTES
43	Deploy changeable message boards with educational messaging	City	Short	\$	In progress
44	Conduct social media and online educational campaign	City	Medium	\$	Consider logo and identity



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Public Notification, Outreach, and Comment

- The public has been informed of this agenda item as part of the City's standard meeting notice practices via public bulletin boards, website calendar, and social media postings.
- All persons who contacted the City about safety along Sepulveda Boulevard were sent an email with staff report and invitation to attend.



Next Steps

- Discuss potential safety measures pros and cons
- Hear public comments
- Recommend that City Council direct staff to pursue certain safety measures for implementation or further study
- Continue to implement safety measures that are in process or under construction
- Return to the PPIC with the Gelsons and Skechers Neighborhood Traffic Management Studies with a recommendations to implement additional measures



