



Administrative Report

Date: June 22, 2026

To: Public Works, Safety, and Sustainability Commission

From: Public Works Department

**Subject: UPDATE AND FINAL DESIGN FOR PALOS VERDES BOULEVARD
PROTECTED BIKE LANES**

SUMMARY:

Staff has been working on designing and funding the proposed protected (Class IV) bicycle lanes on Palos Verdes Boulevard (PVB) between Pacific Coast Highway (PCH) and S Irena Avenue. City Council directed staff to study its feasibility at the December 3, 2024 meeting. Staff analyzed the feasibility and the proposed design to remove street parking on PVB between PCH and S Irena allowing for the installation of protected bicycle lanes and presented findings at the January 27, 2025 Public Works Safety and Sustainability Commission (PWSSC) meeting. Noticing of that meeting was provided to the District 1 Councilmember and all addresses within 200 feet of the PVB corridor between PCH and Prospect. Because parking utilization is very low along PVB, the PWSSC recommended the City Council approve design and construction of protected bicycle lanes. This work was authorized in the FY 25-26 budget. After funding became available in the City's Bicycle Transportation Plan CIP project, the City's consultant prepared design plans. At this time, final design has been completed, and the City is seeking input from the public and the PWSSC before bringing the design plans to City Council for final approval as part of a slurry seal of PVB.

BACKGROUND:

The January 2025 PWSSC administrative report documents the background, analyses, and parking study to determine the feasibility of installing protected bicycle lanes on PVB between PCH and S Irena Avenue (Attachment 1). Public comment was unanimously in favor of these bicycle facilities on PVB. The PWSSC voted unanimously in favor of designing and constructing Class IV protected bicycle lanes. Existing Class II striped bicycle lanes are provided on PVB between S Irena and the eastern City border with Torrance.

Since then, as funding became available, the City's on-call traffic engineering consultant proceeded with preparing a signing & striping plan to construct Class IV bicycle lanes by removing existing street parking on PVB between PCH and S Irena Avenue. The final design plans to be constructed are subject to City Council approval (Attachment 2). Staff proposes to install these bicycle lanes as part of a slurry seal for PVB. This would create a fresh and clean roadway surface for the new roadway striping and protected bicycle lanes materials. At this time, the City is proposing using pre-fabricated concrete curb dividers

placed intermittently as the primary vertical delineation for the protected bicycle lane. A limited number of plastic flexible posts will be used for visibility purposes. This material choice will be lower maintenance, offers a higher degree of cyclist protection, and is considered more aesthetically pleasing. Attachment 3 provides existing and proposed cross sections of PVB.

Providing a protected bicycle lane on PVB would close a crucial gap in dedicated bicycle facilities along PVB, improving safety for all roadway users and connecting more residential areas to the Riviera Village. If constructed, continuous bicycle lanes would be provided on PVB between Palos Verdes Estates, Riviera Village, and the City's eastern border with Torrance. This will further encourage cycling and reduce vehicular parking pressures in the Riviera Village. Traffic counts were taken in March 2026 at the PCH/PVB intersection, when the development at 1700 S PCH was 61% residential leased and 25% commercial leased. Compared to traffic counts taken in 2023 before the development was constructed, vehicular traffic has been relatively flat while walking and biking activity has grown substantially, demonstrating a need for improved infrastructure to meet public demand.

COORDINATION:

Coordination of this report took place within the Public Works Department. Noticing for this agenda item was provided again to the same residents as the previous Commission discussion in January 2025.

Prepared by:

Ryan Liu, Principal Transportation Engineer

Submitted by:

Andrew Winje, Public Works Director

ATTACHMENTS:

1. 1/22/2025 PWSSC Administrative Report and Associated Attachments
2. Final Signing & Striping Plan – PVB Protected Bicycle Lanes
3. Existing and Proposed Cross Sections

CITY OF REDONDO BEACH

PALOS VERDES BOULEVARD
SIGNING AND STRIPING PLAN

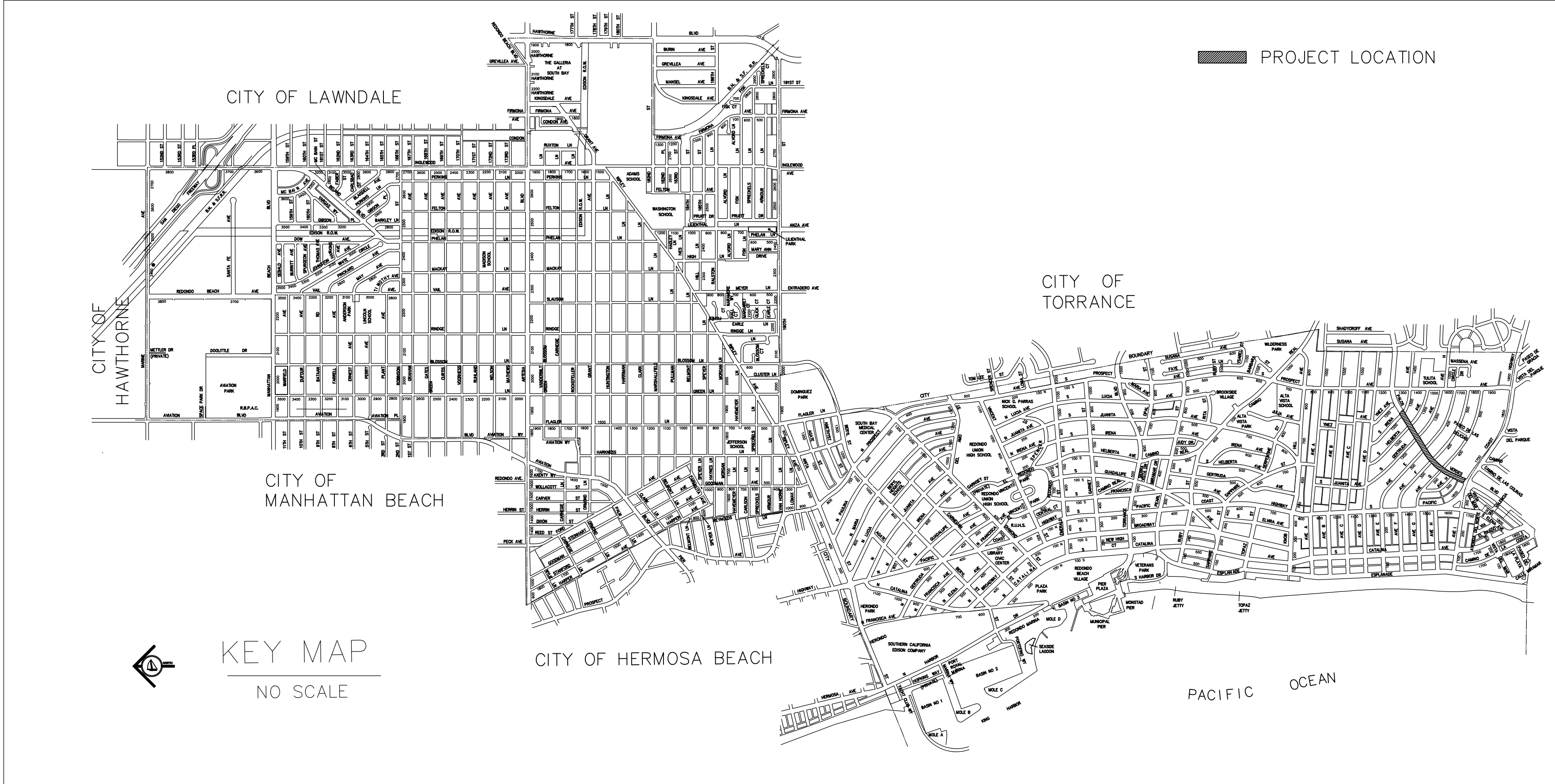
PACIFIC COAST HIGHWAY TO IRENA AVENUE

GENERAL NOTES

- GENERAL NOTES APPLY TO ALL PLANS.
- CONTRACTOR SHALL PROTECT ALL UTILITIES ENCOUNTERED DURING THIS PROJECT, AND SHALL NOTIFY THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE IMMEDIATELY OF ANY UNDOCUMENTED SUBSTRUCTURES. ANY DAMAGE TO UTILITIES AS A RESULT OF CONTRACTOR'S ACTION SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE TO THE SATISFACTION OF THE AGENCY HAVING JURISDICTION.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED TEMPORARY AND PERMANENT PERMITS, INCLUDING LICENSES, CERTIFICATES, INSPECTIONS, TESTS, AND SERVICES. COPIES OF APPLICABLE PERMITS AND AN APPROVED SET OF PLANS MUST BE AT THE JOB SITE AT ALL TIMES.
- THE CONTRACTOR SHALL PREPARE DETAILED TRAFFIC CONTROL PLANS AS PART OF THIS PROJECT. PLANS DEVELOPED BY THE CONTRACTOR SHALL BE PREPARED BY REGISTERED CIVIL OR TRAFFIC ENGINEER AND SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR APPROVAL AT LEAST TEN (10) WORKING DAYS PRIOR TO THE BEGINNING OF WORK. NO WORK SHALL COMMENCE PRIOR TO THE APPROVAL OF THE TRAFFIC CONTROL PLANS BY THE CITY ENGINEER. CONTRACTOR SHALL FURNISH AND INSTALL ALL SIGNS, LIGHTS, BARRICADES, FLASHING ARROW BOARDS, AND ANY OTHER TRAFFIC CONTROL WARNING DEVICES INCLUDING FLAGGERS AS MAY BE REQUIRED BY THE CITY ENGINEER OR THEIR REPRESENTATIVE. ALL WORK AREA TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD). FAILURE TO DO SO WILL BE CITED UNDER THE APPLICABLE SECTION OF THE CALIFORNIA VEHICLE CODE (CVC), AND CORRECTIVE COST TO THE CITY SHALL BE CHARGED TO THE CONTRACTOR.
- TEMPORARY NO PARKING SIGNS (11" X 17") CONTAINING CONSTRUCTION TIMES, CONSTRUCTION DATES, AND A REFERENCE TO CVC 22615(L) MUST BE POSTED AND INSPECTED BY REDONDO BEACH POLICE DEPARTMENT - PARKING ENFORCEMENT THE 72 HOURS PRIOR TO CONSTRUCTION AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL NOTIFY CITY'S PARKING ENFORCEMENT OFFICE, (310) 379-2477, IMMEDIATELY AFTER POSTING SIGNS TO INSPECT AND SCHEDULE ENFORCEMENT OF CONSTRUCTION-RELATED PARKING RESTRICTIONS. IF THE DAYS, DATES, OR TIMES CHANGE AFTER RBDP INSPECTION, SIGNS MUST BE REPOSTED AND RE-INSPECTION REQUESTED A MINIMUM OF 72 HOURS IN ADVANCE OF THE CHANGED SCHEDULE.
- CONTRACTOR SHALL HAND DELIVER "NOTICE TO RESIDENTS" TO ALL AFFECTED RESIDENCES AT LEAST THREE DAYS PRIOR TO THE START OF CONSTRUCTION. RESIDENTS SHALL ALSO BE INFORMED VIA NOTICES OF ANY SIGNIFICANT CHANGES TO THE PROJECT SCOPE OR SCHEDULE. ALL NOTICES MUST BE APPROVED BY THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE PRIOR TO DISTRIBUTION ALLOW THREE (3) WORKING DAYS FOR NOTICE REVIEW.
- CONTRACTOR SHALL COORDINATE WITH WASTE DISPOSAL SERVICES; PICKUPS ARE ONCE A WEEK. RESCHEDULING OF TRASH PICKUP TO ANOTHER DAY WILL NOT BE PERMITTED. CANCELLATION OF WASTE DISPOSAL SERVICES FOR ANY WEEK WILL NOT BE PERMITTED.
- CONTRACTOR SHALL PROVIDE ALL SURVEY WORK NECESSARY FOR CONSTRUCTION. CONTRACTOR SHALL PROTECT IN PLACE OR REPLACE AFFECTED SURVEY MONUMENTS IN ACCORDANCE WITH CALIFORNIA REGULATIONS AND COUNTY SURVEYOR REQUIREMENTS. COPIES OF APPROVED MAPS SHALL BE SUBMITTED TO THE CITY.
- ALL WORKS SHALL CONFORM TO THE LATEST EDITION OF THE APWA STANDARD PLANS AND SPECIFICATIONS, AND ALL SUPPLEMENTS/ AMENDMENTS THERETO.
- THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO REMOVAL OF EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, OR SIGNS.
- CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS, EXISTING AND FINISH SURFACE ELEVATIONS, CONDITIONS, ETC. AT THE JOB SITE BEFORE SUBMITTING A BID OR COMMENCING WORK. CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCIES OR ERRORS IN THE PLAN(S) TO THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE.
- NO CHANGES IN THE PLANS SHALL BE MADE OR EXTRA WORK PERFORMED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE.
- CONTRACTOR SHALL RESET ALL AFFECTED SURVEY TIE/MONUMENTS, AND SHALL PRESENT TO THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE A SURVEY DOCUMENT STAMP - APPROVED BY A LICENSED ENGINEER/SURVEYOR.

GENERAL CONSTRUCTION NOTES

- PRIME CONTRACTOR LICENSE REQUIRED - CLASS A.
- ALL STRUCTURES SHALL BE CONSTRUCTED PER APWA STANDARD PLANS, UNLESS OTHERWISE SHOWN.
- CONTRACTOR SHALL SUBMIT TRAFFIC DELINEATION PLAN TO THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE FOR APPROVAL PRIOR TO START OF WORK.
- WORK WITHIN THE PUBLIC RIGHT OF WAY THAT REQUIRES A LANE CLOSURE SHALL BE PERFORMED BETWEEN THE HOURS OF 9:00 A.M. TO 3:00 P.M. ON PALOS VERDES BOULEVARD. ONE LANE SHALL REMAIN OPEN AT ALL TIMES.
- CONTRACTOR SHALL POST (1 EA) 3'X6' WEATHER PROOF SIGN SIZE NOTIFYING THE PUBLIC THAT CONSTRUCTION WILL OCCUR ON PALOS VERDES BOULEVARD FROM PACIFIC COAST HIGHWAY TO IRENA AVENUE. SAID SIGNS SHALL CONTAIN NAME OF THE PROJECT, DATES OF CONSTRUCTION, ENGINEERING DEPARTMENT PHONE NUMBER, AND EXPECTED TRAFFIC DELAYS.



SHEET INDEX

- TITLE SHEET
- PALOS VERDES BOULEVARD SIGNING AND STRIPING PLAN

GENERAL SIGNING AND STRIPING NOTES

- GENERAL SIGNING AND STRIPING NOTES APPLY TO ALL PLAN SHEETS.
- SIGNS, STRIPING, PAVEMENT MARKINGS, AND PAVEMENT MARKERS SHALL BE INSTALLED PER THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
- ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS SHALL BE COMPLETELY REMOVED BY WET SANDBLASTING PRIOR TO INSTALLATION OF NEW STRIPING AND MARKINGS.
- SIGN SHEETING SHALL BE 3M DG³ OR CITY-APPROVED EQUIVALENT.
- STRIPING AND PAVEMENT MARKINGS SHALL BE ALKYD THERMOPLASTIC WITH GLASS BEADS. MATERIAL SHALL CONFORM TO SPECIFICATION 8010-004 (TYPE II) FOR GLASS BEADS. APPLICATION SHALL CONFORM TO CALTRANS STANDARD SPECIFICATION SECTION 84-2. CONTRACTOR SHALL VERIFY LATEST MATERIALS SPECIFICATIONS AND SHALL NOTIFY CITY ENGINEER AND/OR THEIR REPRESENTATIVE OF ANY CHANGE PRIOR TO INSTALLATION.
- LANE WIDTHS SHALL BE MEASURED BETWEEN THE CENTER LINES OF EACH ADJACENT SINGLE OR DOUBLE STRIPE(S) OR TOP OF CURBS AS APPROPRIATE. ACTUAL LANE WIDTHS MAY VARY FROM THOSE SHOWN ON PLAN(S) DUE TO TOPOGRAPHY AND STREET CURVATURE. ANY CHANGES TO STRIPED LANE WIDTHS FOR THOSE SHOWN ON PLAN(S) REQUIRE APPROVAL BY THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE PRIOR TO CAT-TRACKING.
- ALL STRIPING SHALL BE CAT-TRACKED AND APPROVED BY THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE PRIOR TO FINAL INSTALLATION. A MINIMUM OF THREE DAYS NOTICE MUST BE PROVIDED TO THE CITY ENGINEER AND/OR THEIR REPRESENTATIVE, (310) 318-0661, FOR APPROVAL OF CAT-TRACKING AND/OR STRIPING.
- ALL COSTS TO RESTORE STRIPING, PAVEMENT MARKINGS, AND PAVEMENT MARKERS TO MATCH THE EXISTING CONDITION PER THE PRECEDING NOTES SHALL BE INCLUDED IN THE BID PRICE.
- TELESPAR, ROUND, AND WOOD POSTS IN SIDEWALK TO BE REMOVED SHALL BE REMOVED COMPLETELY AND THE HOLE BACKFILLED, PACKED, AND FINISHED WITH NON-SHRINK GROUT. U-POSTS IN SIDEWALK TO BE REMOVED MAY BE CUT OFF FLUSH TO SIDEWALK. POSTS IN DIRT TO BE REMOVED SHALL BE REMOVED COMPLETELY AND THE HOLE BACKFILLED, COMPACTED, AND MADE FLUSH WITH SURROUNDING SURFACE AREA.
- ALL NEW SIGNS SHALL HAVE PERMANENTLY AFFIXED ON THE BACK OF THE SIGN THE MONTH AND YEAR OF INSTALLATION.
- SIGNING SHALL CONFORM TO THE CURRENT CALTRANS SIGN SPECIFICATIONS. SIGN SIZE SHALL BE THE STANDARD SIZE NOTED IN THE SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE PLAN.
- REMOVED SIGNS SHALL BE RETURNED TO THE CITY.

AGA Job No. : 108-007
AGA File Name: TITLE.DWG
Print Date : 5/6/2026
Last Revision : 5/6/2026

PLANS PREPARED BY:



UNDER THE SUPERVISION OF:

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5/6/2026
DATE



TRAFFIC No. 2838



REVISIONS		CITY OF REDONDO BEACH CALIFORNIA PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES DIVISION			
DATE	DESCRIPTION				
		Palos Verdes Boulevard Title Sheet			
		DRAWN J. REYES	CHECKED R. PERALES	SCALE AS NOTED	
		APPROVED BY		DATE	
		LAUREN SABLAN, P.E., CITY ENGINEER			
		PROJECT NO.	SHEET NO. <u>1</u> OF <u>2</u> SHEETS	DRAWING NO.	

