



9.4) Devore Area: Cajon Blvd_ Replace guardrail

Improvements: replace existing guardrail with steel posts, add AITS. Replace dike.

Location 9.7

~~5B4~~



Install MGS to
Protect Power poles

Remove 325' existing
free standing AC DIKE



add AITS and 12.5'

Join existing railing on bridge

add MGS to tie these
two systems together

replace with new MGS

Cleghorn
Canyon

Location 9.6

~~5B5~~



Location 9.5

~~5B6~~

Recommend
Remove
barricade



9.5) Devore Area: Cajon Blvd_ Remove barricade

Project improvements: existing c-type guardrail with wood posts to be removed. New guardrail will not be installed at this location. Existing holes from removed wood post will be filled with local borrow if available, or imported borrow.



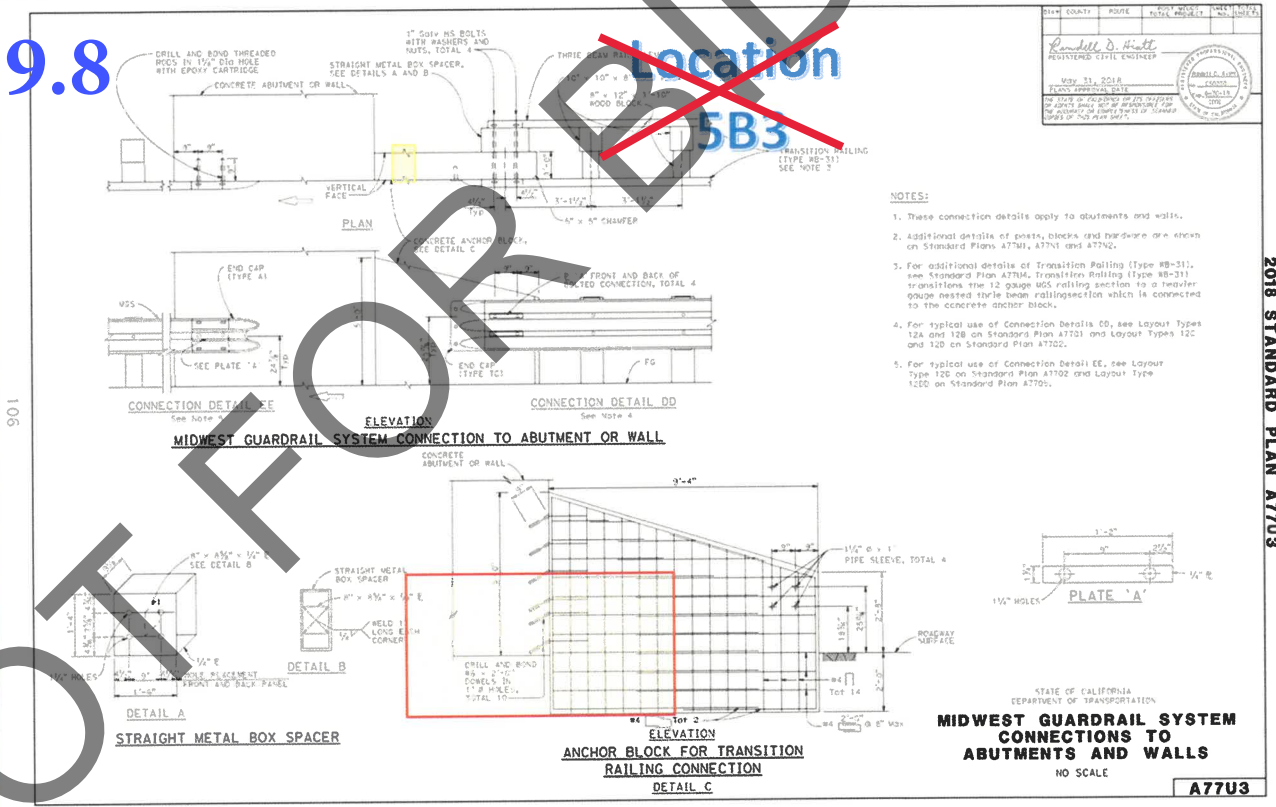
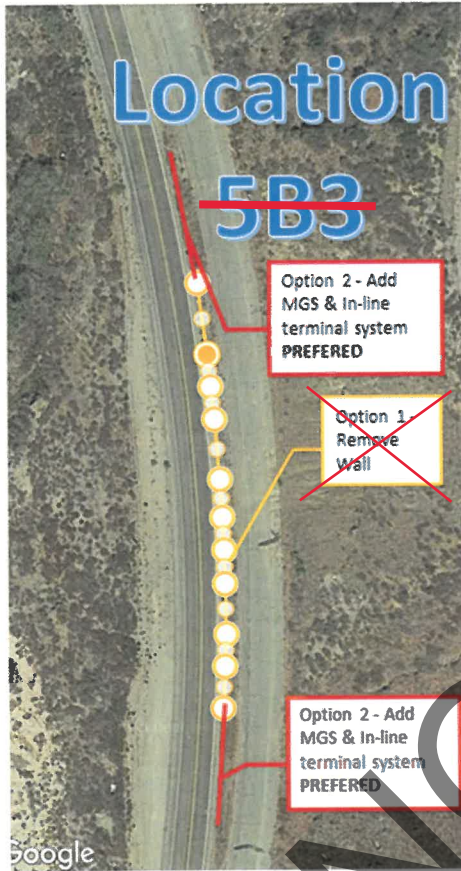
9.6) Devore Area: Cajon Blvd_ Railing at Bridge

Improvements: replace guardrail on the east side. Recommend replacing railing on the west side: does not meet high requirement, burnt posts.



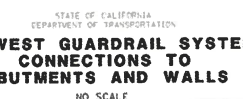
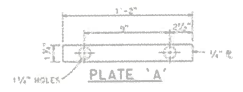
9.7) Devore Area: Cajon Blvd_ Protect Existing Utility Pole

Improvements: install new MGS, remove existing freestanding dike. Will pothole to identify underground utilities. Also remove broken utility pole.



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 REGISTERED CIVIL ENGINEER
 RUSSELL D. HUNT
 No. 40000
 EXPIRES 12/31/2018
 I hereby certify that the above is a true and correct copy of the original of the drawings of the project of which this is a part.
 RUSSELL D. HUNT
 CIVIL ENGINEER

- NOTES:
1. These connection details apply to abutments and walls.
 2. Additional details of posts, blocks and hardware are shown on Standard Plans A7701, A7703 and A7702.
 3. For additional details of Transition Railing (Type MB-31), see Standard Plan A7704, Transition Railing (Type MB-31) transitions the 12 gauge W55 railing section to a heavier gauge nested 10" to beam railing section which is connected to the concrete anchor block.
 4. For typical use of Connection Details CD, see Layout Types 12A and 12B on Standard Plan A7701 and Layout Types 12C and 12D on Standard Plan A7702.
 5. For typical use of Connection Detail EE, see Layout Type 12E on Standard Plan A7702 and Layout Type 12ED on Standard Plan A7705.



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
MIDWEST GUARDRAIL SYSTEM CONNECTIONS TO ABUTMENTS AND WALLS
 NO SCALE
A77U3

2018 STANDARD PLAN A77U3



9.8) Devore Area: Cajon Blvd_ At existing Wall

Improvements:

- Option 1: remove the wall, grade between the two roadways.
- Option 2 (county preferred): wall to remain, add MGS and AITS at each end along with the anchor block transition railing connection. Consider removing the 6" curb in front of the wall, replace with DG.

Location ~~5B2~~ 9.9

~~Option 1 - replace in same location~~

Option 2 - replace and protect PP
PREFERED

NOT FOR BIDD



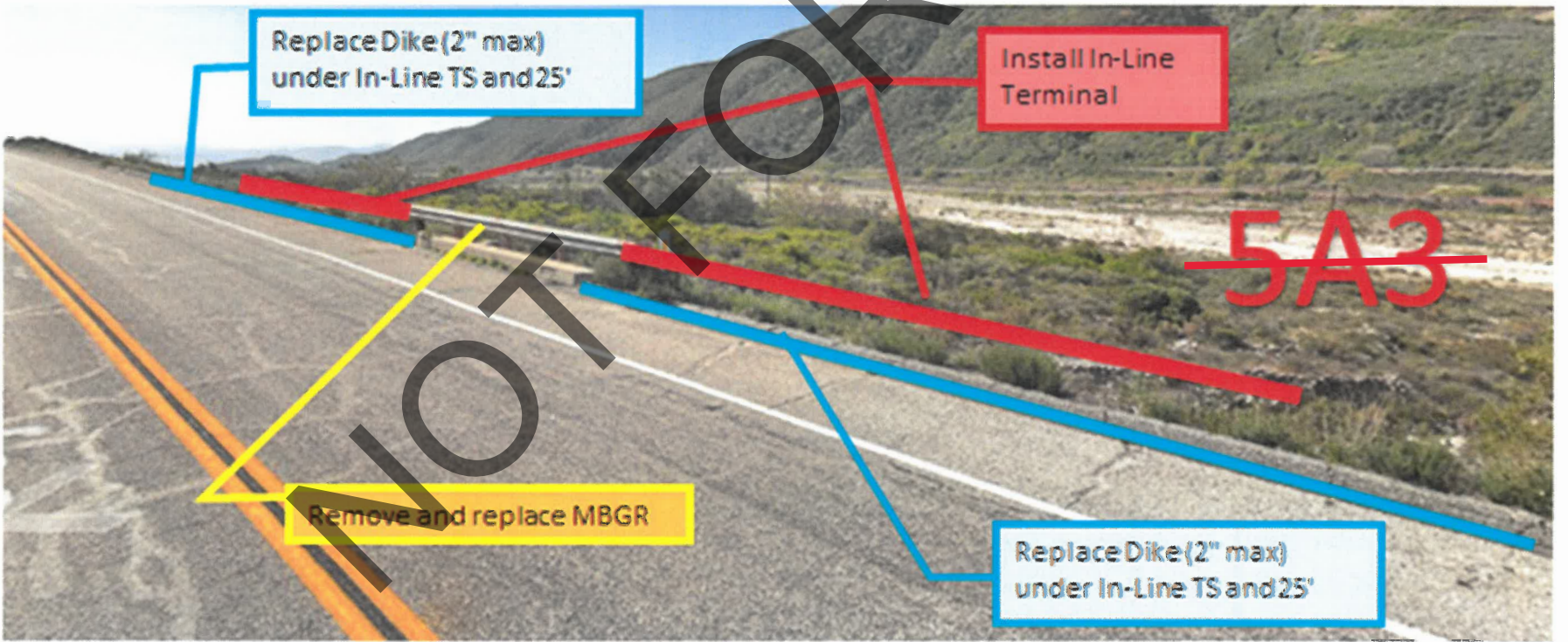


9.9) Devore Area: Cajon Blvd_ Masonry Wall and Existing Poles

Project Improvements: existing k-rail and guardrail to be removed. Project to install Transition Railing (Type WB-31 Mod) at both ends of the existing masonry wall. The Modified Transition Railing WB-31 is a standalone Midwest Guardrail System (MGS). There will be no connect to the existing masonry wall. New MGS west of power poles (in this photo, left of power poles) will be installed using 8' steel posts.



Location 9.11



ATTACHMENT 3 – GUARDRAIL SCOPE AND LOCATIONS





9.11) Devore Area: Cajon Blvd_ Existing guardrail at culvert

Improvements: install new MGS by attaching it to headwall, install AITS and replace dike.



Interoffice Memo

DATE July 12, 2022,

AP

PHONE 387-8109

FROM **ANTHONY PHAM**, P.E., Division Chief
Environmental Management Division

MAIL CODE 0835

TO **CHRIS NGUYEN**, P.E., Division Chief
Transportation Design Division

File: Yard 5 / San Bernardino Area

SUBJECT **CEQA REVIEW: GUARDRAIL REPLACEMENT AT VARIOUS LOCATIONS
(LOCATIONS 1 AND 3 THRU 8) (W.O.# H15156, H15157, H15158,)**

Project Description and Location

The San Bernardino County Public Works Department proposes replacing guardrails at various locations throughout the Crestline, Lake Arrowhead, Big Bear Lake, Del Rosa, and Pioneertown areas as shown on attached location maps. The Project also includes replacement of AC dike at various locations, reconstructing existing curb ramp at the northeast corner of Del Rosa Ave and Lynwood Ave in accordance with current design standards and pursuant to the Americans with Disabilities ACT (ADA). Project activities will be confined to asphalted roads and or disturbed road edges.

Guardrail replacement is proposed at location 1) Redwood Way and Balsam Lane, Crestline Area; locations 3) Kuffel Canyon Road northeast of Ivy Lane, Lake Arrowhead Area; 4) Shore Drive at Maltby Blvd, Big Bear Lake; 5) Del Rosa Ave, Lynwood Dr to Marshall Blvd, Del Rosa Area; 6) Marshall Blvd at Del Rosa Ave, Del Rosa Area; 7) Eureka St at Del Rosa Ave; Del Rosa Area; and 8) Pioneertown Road, approximately 0.67 miles southeast of Skyline Ranch Road; Pioneertown Area, in San Bernardino County, CA.

Equipment planned for use on this project will include but is not limited to: Concrete Mixer, Backhoe, Auger, and Loader Truck.

No traffic detours or nighttime construction are planned at this time. No relocation of utilities is anticipated. Construction duration is anticipated for approximately 90 working days. San Bernardino County Development Code 83.01.80(g)(3): exempts noise from temporary construction, maintenance, repair, or demolition activities between 7:00 a.m. and 7:00 p.m., except Sundays and Federal holidays.

Biological Resources Evaluation

San Bernardino County Environmental Management Division (EMD) Ecological Resources Specialists (ERS) conducted a desktop review using aerial imagery and a review of California

Natural Diversity Database (CNDDDB) for each of the locations. Because the project activities will occur in highly developed surroundings and limited unpaved habitat (roadway shoulders), it is unlikely that these areas would support sensitive species. However, trees and shrubs located nearby could support various species of nesting birds.

Biological Resources Conditions

Because of the limited nature of the project activities and the disturbed nature of the project footprint we have determined that project related activities will not directly impact any sensitive habitat and/or species. However, to ensure no impacts to species, the following actions should be taken:

1. If work occurs during the nesting bird season (March 15 – August 15), a pre-construction nesting bird survey must be conducted no more than three days prior to the start of work.
2. If active nests are detected, appropriate avoidance buffers will be established and work activities within the vicinity of the nest will be monitored.

Cultural Resources Evaluation

San Bernardino County Environmental Management Division Cultural Resources Specialists (CRS) conducted historical records search of the proposed project areas to assess potential impacts to historical and cultural features, if any, within the project footprint. It was determined that no historical or cultural features will be negatively impacted by the proposed project.

Cultural Resources Conditions

To ensure there are no impacts to historical or cultural resources, the following general conditions should be incorporated into project avoidance measures:

1. Should prehistoric or historic archaeological resources be encountered during construction, the evaluation of any such resource should proceed in accordance with all appropriate federal state, and local guidelines. Specifically, all work must be halted in the immediate vicinity of the cultural resource found until a qualified archaeologist can assess the significance of the resource.
2. If human remains are encountered during construction, then the San Bernardino County Coroner's Office MUST be contacted in accordance with state law within 24 hours of the find, and all work should be halted until a clearance is given by that office and any other agency involved. The Coroner's Office may be contacted at the Coroner's Division, County of San Bernardino, 175 S. Lena Road, San Bernardino, CA. Tel: (909) 387-2978.

ENVIRONMENTAL DETERMINATION

In compliance with the California Environmental Quality Act (CEQA), Environmental Management Division staff has reviewed the proposed project.

The Proposed Project qualifies for a Class 1 Categorical Exemption, "Existing Facilities" under Section 15301(c) of the CEQA guidelines. Class 1 consists of the "operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use." Class 1 (c) exemption is specific to "existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities." The project also qualifies for a Class 2 Categorical Exemption, "Replacement or reconstruction" under Section 15302(c) "Replacement or reconstruction of existing utility systems and or facilities involving negligible or no expansion of capacity."

General Conditions

1. All work, including equipment staging, will remain on paved areas. No new work outside disturbed areas, existing rights-of-way, or temporary easements (i.e., existing shoulder-to-shoulder and/or curb-to-curb) will be performed without further environmental evaluations.
2. Material staging area shall be clearly delineated to keep equipment and trucks within existing paved areas. Further, project related vehicle access, maintenance activities, and equipment storage shall be restricted to established roads, designated access roads, maintenance right-of-way or temporary easements, and designated storage, staging, and parking areas. Off-road traffic outside of these designated areas shall be prohibited.
3. Standard best management practices shall be implemented during all maintenance activities, especially those pertaining to dust control, erosion control, and stormwater pollution prevention. If equipment is parked overnight then a drip pan, or some other form of protection, shall be placed under the vehicle to contain any drips, leaks, and or spills. All food and maintenance trash shall be removed from the site daily. Please contact EMD, at (909) 387-7897, with any questions.

It is our opinion that the proposed project meets the criteria for an exemption under Section 15301(c) and 15302(c) of the CEQA Guidelines. Section 21084 of the Public Resources Code requires these Guidelines to include a list of classes of projects which have been determined not to have a significant effect on the environment and which shall, therefore, be exempt from the provisions of CEQA. To complete the Categorical Exemption process, I recommend that a Notice of Exemption, together with the required fee, be filed with the Clerk of the Board of Supervisors of the County of San Bernardino. A Notice of Exemption to be filed is included with this IOM. Should you need further information or have any questions, please contact AJ Gerber, Planner at x78109, who coordinated this review.

AP:AJ:kc

Attachments: Notice of Exemption

Vicinity/Location Map (Locations 1 and 3-8)

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY
AND RECORD OF ACTION**

February 6, 2024

FROM

**TREVOR LEJA, Assistant Executive Officer, Department of Public Works –
Transportation**

SUBJECT

California Environmental Quality Act Finding for the Guardrail Replacement at Various Locations Project in the Crestline, Del Rosa, Lake Arrowhead, Big Bear Lake and Yucca Valley Areas

RECOMMENDATION(S)

1. Find that the Guardrail Replacement at Various Locations Project in the Crestline, Del Rosa, Lake Arrowhead, Big Bear Lake and Yucca Valley Areas is exempt under the California Environmental Quality Act, Title 14 of the California Code of Regulations Section 15301(c) Class 1 (existing facilities) and Section 15302(c) Class 2 (replacement or reconstruction).
2. Approve the Guardrail Replacement at Various Locations Project in the Crestline, Del Rosa, Lake Arrowhead, Big Bear Lake and Yucca Valley Areas, as defined in the Notice of Exemption.
3. Direct the Department of Public Works to file the Notice of Exemption in accordance with the California Environmental Quality Act.

(Presenter: Noel Castillo, Director, 387-7906)

COUNTY AND CHIEF FLOOD CONTROL ENGINEER GOALS & OBJECTIVES

**Ensure Development of a Well-Planned, Balanced, and Sustainable County.
Provide for the Safety, Health and Social Service Needs of County Residents.**

FINANCIAL IMPACT

Approval of this item will not result in the use of Discretionary General Funding (Net County Cost). The Guardrail Replacement at Various Locations Project in the Crestline, Del Rosa, Lake Arrowhead, Big Bear Lake and Yucca Valley Areas (Project) will be funded with Gas Tax funds. Sufficient appropriation and revenue are included in the Department of Public Works (Department) 2023-24 Road Operations budget (66500002000 34H15156-58) and will be included in future recommended budgets.

BACKGROUND INFORMATION

The Project involves replacing existing guardrails and asphalt concrete dikes at various locations. The Project has been identified as a priority based on engineering studies that identified the need to replace the guardrails at the following locations:

1. Redwood Way and Balsam Lane, Crestline Area
2. Crestline Road, Crestline Area
3. Kuffel Canyon Road northeast of Ivy Lane, Lake Arrowhead Area

**California Environmental Quality Act Finding for the Guardrail Replacement at Various Locations Project in the Crestline, Del Rosa, Lake Arrowhead, Big Bear Lake and Yucca Valley Areas
February 6, 2024**

4. Shore Drive at Maltby Blvd., Big Bear Lake Area
5. Del Rosa Ave., Lynwood Dr. to Marshall Blvd., Del Rosa Area
6. Marshall Blvd. at Del Rosa Ave., Del Rosa Area
7. Eureka St. at Del Rosa Ave., Del Rosa Area
8. Pioneertown Road, approximately 0.67 miles southeast of Skyline Ranch Road, Pioneertown Area

All work for the Project will be done within existing right-of-way.

On November 9, 2023, the Department's environmental staff reviewed this Project and determined that a categorical exemption in accordance with the California Environmental Quality Act (CEQA) Guidelines, Title 14 of the California Code of Regulations, Section 15301(c) Class 1 and Section 15302(c) Class 2 is appropriate. The Class 1 exemption allows for repair and maintenance activities on existing roads, sidewalks, gutters, and similar facilities that involve negligible or no expansion of use beyond that existing at the time of the lead agency's determination. The Class 2 exemption allows for the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. When the Board considers the environmental finding, the filing and posting of a Notice of Exemption in accordance with the California Environmental Quality Act is recommended.

The Project aligns with the County and the Chief Executive Officer's goals and objectives to ensure the development of a well-planned, balanced, and sustainable County and to provide for the safety of County residents.

PROCUREMENT

The Department plans to bring the Project's plans and specifications, as well as a recommendation to advertise for competitive bids, to the Board for consideration in Spring 2024.

REVIEW BY OTHERS

This item has been reviewed by County Counsel (Aaron Gest, Deputy County Counsel, 387-5455) on January 9, 2024; Finance (Carl Lofton, Administrative Analyst, 387-5404) on January 22, 2024; and County Finance and Administration (Paloma Hernandez-Barker, Deputy Executive Officer, 387-5423) on January 22, 2024.

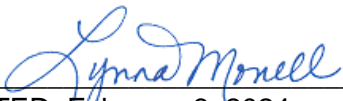
**California Environmental Quality Act Finding for the Guardrail Replacement at Various Locations Project in the Crestline, Del Rosa, Lake Arrowhead, Big Bear Lake and Yucca Valley Areas
February 6, 2024**

Record of Action of the Board of Supervisors
San Bernardino County

APPROVED (CONSENT CALENDAR)

Moved: Joe Baca, Jr. Seconded: Curt Hagman
Ayes: Col. Paul Cook (Ret.), Jesse Armendarez, Dawn Rowe, Curt Hagman, Joe Baca, Jr.

Lynna Monell, CLERK OF THE BOARD

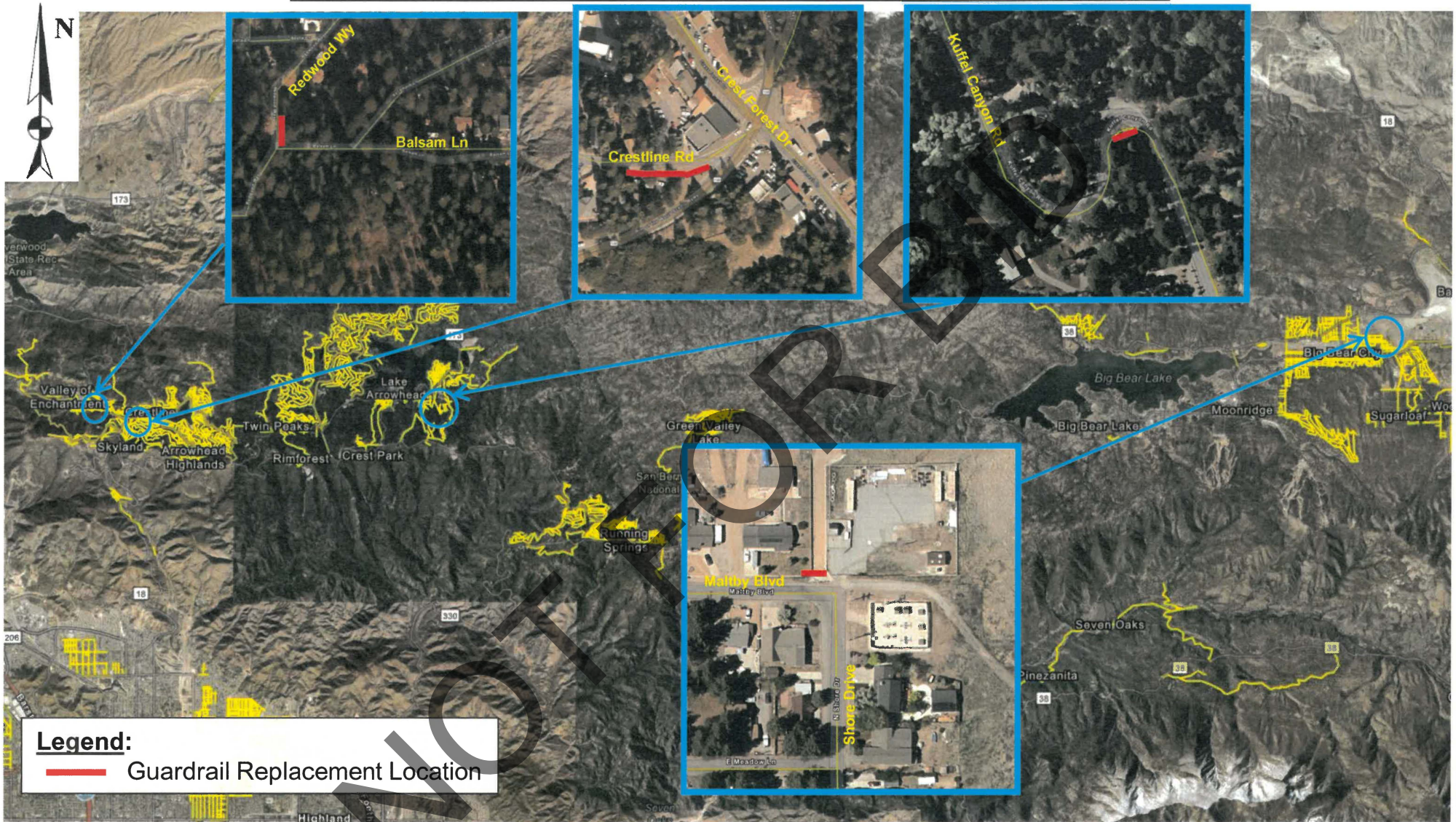
BY 
DATED: February 6, 2024



cc: File - Transportation w/Attachments
MA 02/13/2024

NOT FOR BID

Crestline, Lake Arrowhead, Big Bear Lake Areas

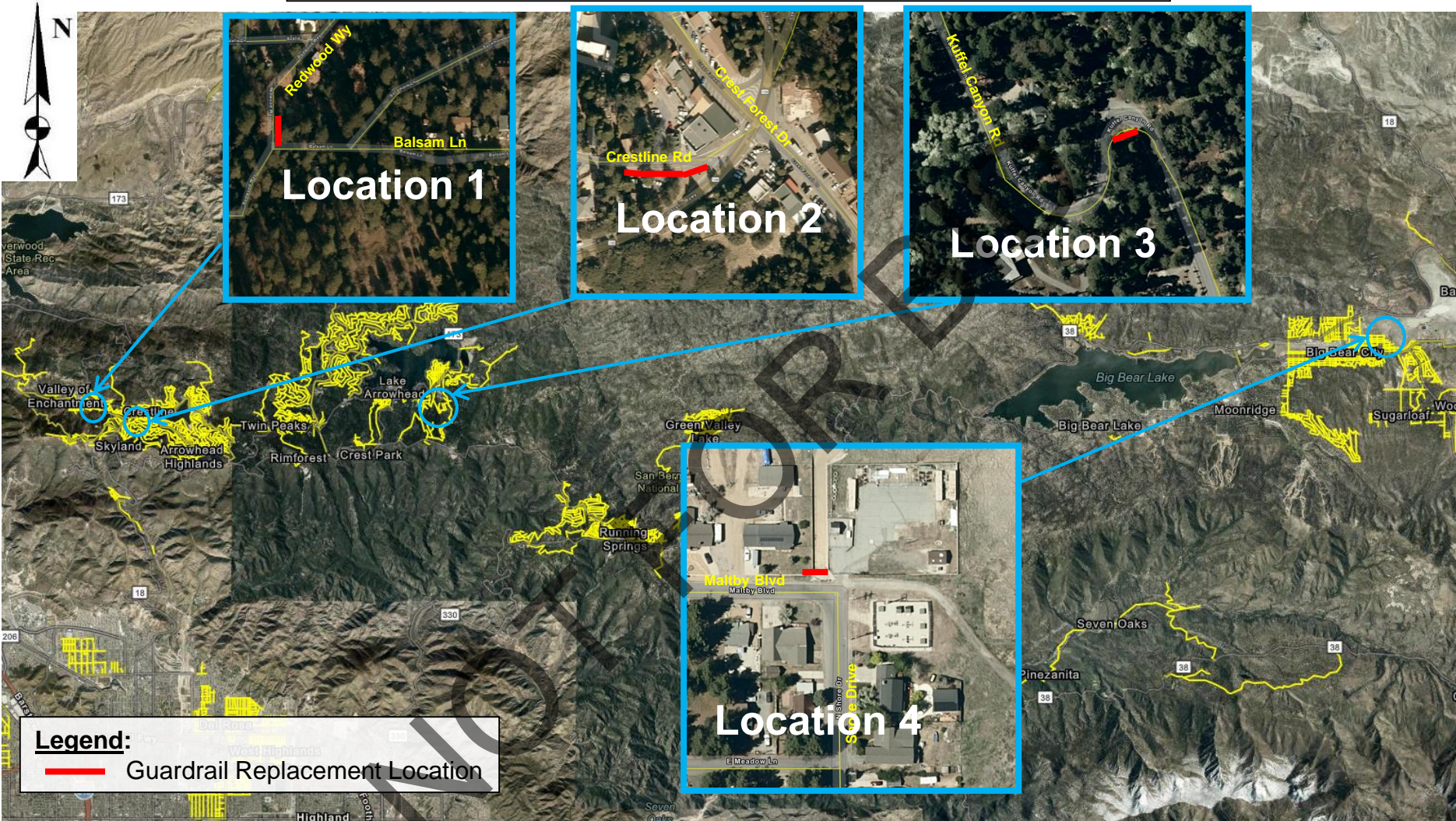


COUNTY OF SAN BERNARDINO
 DEPARTMENT OF PUBLIC WORKS
DISTRICTS 2 & 3
YARDS 7, 8, & 9
WO H15156



LOCATION MAP
 Crestline Road and Other Roads
 Various Limits
 Guardrail Replacement

Crestline, Lake Arrowhead, Big Bear Lake Areas



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS
DISTRICTS 2 & 3
YARDS 7, 8, & 9
WO H15156



LOCATION MAP
Crestline Road and Other Roads
Various Limits
Guardrail Replacement

UNINCORPORATED AREA

ROAD NAME : Crestline Rd
W.O. No. : H15156
PARCEL No. : PEC-2
A.P.N. : 0338-086-21 (ptn)

PERMIT TO ENTER AND CONSTRUCT

Artur Lev, a married man as his sole and separate property,

Hereby consent(s) to permit SAN BERNARDINO COUNTY, a body corporate and politic of the State of California, its officers, agents and employees and persons under contract with said County and their employees, the privilege and right to enter upon or across the property shown on the map attached hereto and made a part hereof, for construction purposes:

The purpose of this Permit to Enter and Construct is for:

Remove and Replace Guardrails and other miscellaneous appurtenances thereto at
discretion of San Bernardino County

This Permit to Enter and Construct will expire upon completion of the construction project known as "Remove and Replace Guardrails – Crestline Area".

Artur Lev
Artur Lev

04/20/2023
Date

(978) 681-7759
Phone #

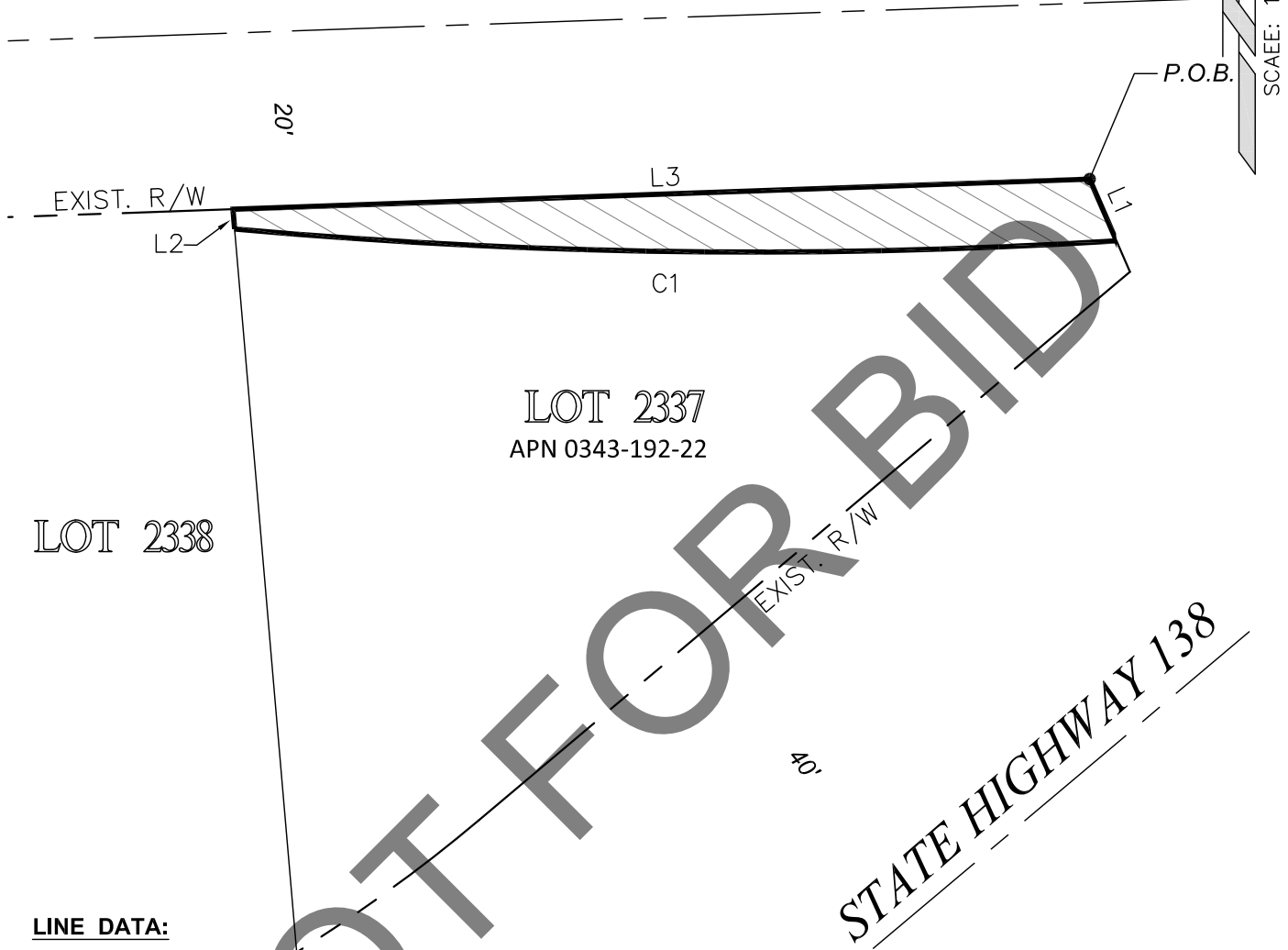
Lev artur@yahoo.com
Email

Date

EXHIBIT "A"

Ptn. LOT 2337, Tract 2491 Map Book 35, Page 61

CRESTLINE ROAD



LINE DATA:

	DIRECTION	DISTANCE
L1	N23°30'39"W	7.65'
L2	S4°54'44"E	2.26'
L3	S87°59'16"W	97.40'

CURVE DATA:

	RADIUS	DELTA	LENGTH
C1	665.55'	8°38'05"	100.30'

NOTES:

THIS MAP HAS BEEN COMPILED FROM RECORD DATA AND OTHER AVAILABLE MATERIALS AND DOES NOT REPRESENT A FIELD SURVEY.

P.O.B. = POINT OF BEGINNING
R/W = RIGHT OF WAY

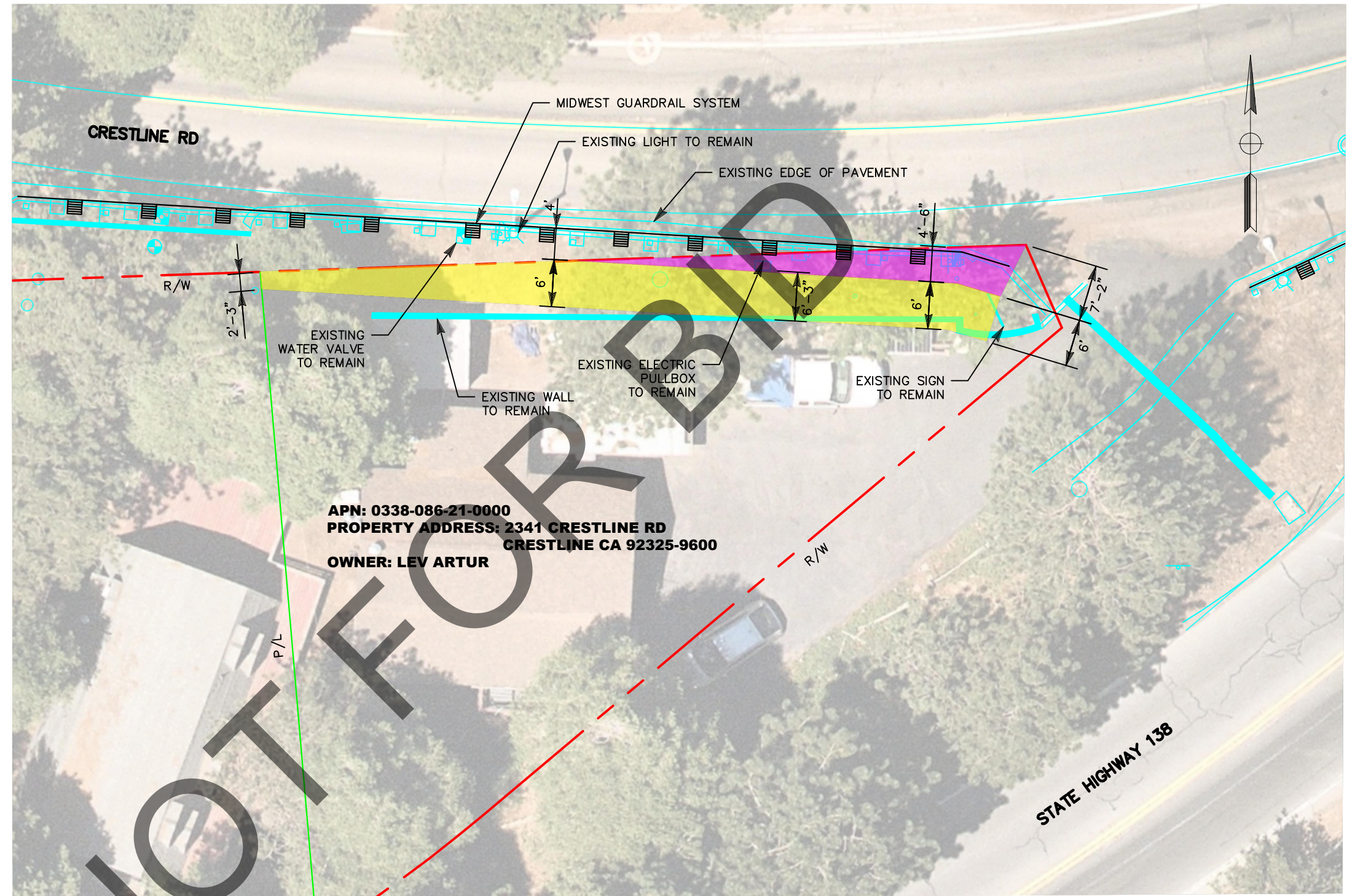
 AREA OF PERMIT TO ENTER AND CONSTRUCT: 585± sq. ft.

W.O. No.	Parcel No.	Owner
H15156	PEC-1	LEV, ARTUR

San Bernardino County
 Department of Public Works - Transportation
Right - of - Way Plat
CRESTLINE ROAD
 AT
STATE HIGHWAY 138
 CRESTLINE AREA

LEGEND:

- EXISTING COUNTY RIGHT OF WAY
- EXISTING PROPERTY LINE
- PROPOSED IMPROVEMENTS



APN: 0338-086-21-0000
PROPERTY ADDRESS: 2341 CRESTLINE RD
CRESTLINE CA 92325-9600
OWNER: LEV ARTUR

REVISION 10/18/2021

MARK	REVISIONS	APPR.	DATE

AREAS			
PERMIT TO ENTER AND CONSTRUCT (PRESCRIPTIVE)		0.003 ACRES	115.711 SQFT
PERMIT TO ENTER AND CONSTRUCT		0.011 ACRES	486.070 SQFT

PRELIMINARY
 THIS 'PROPERTY OWNER EXHIBIT' IS A COMMUNICATION TOOL TO PROVIDE THE AFFECTED PROPERTY OWNER AND RIGHT OF WAY PERSONNEL WITH THE GENERAL IMPACTS THE PROJECT MAY HAVE ON A PARTICULAR PROPERTY

Underground Service Alert

 Call: TOLL FREE
 1-800-227-2600

BENCHMARK

PREPARED BY:

 110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA. 916-858-0642
 ASHLEY ORSABA-FINDERS, PROJECT MANAGER DATE



MARK	REVISIONS	APPR.	DATE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: ST	DRAWN BY: MN	CHECKED BY: AOF
APPROVED BY:		
MERVAT N. MIKHAIL, P.E. TRANSPORTATION DESIGN ENGINEERING MANAGER DATE	DAVID R. DOUBLET, M.S., P.E. ASSISTANT DIRECTOR DATE	

PROPERTY OWNER EXHIBIT
CRESTLINE AREA
GUARDRAIL REPLACEMENTS AT VARIOUS LOCATIONS

J.L. REF. XXX	W.O. NO. H15156	PLAN SCALE 1"=15'	SHT. NO.	TOT. SH'TS.
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UNINCORPORATED AREA

ROAD NAME : Redwood Way
W.O. No. : H15156
PARCEL No. : PEC-1
A.P.N. : 0343-192-22 (ptn)

PERMIT TO ENTER AND CONSTRUCT

Raffy Krikorian, a Single Man,

Hereby consent(s) to permit SAN BERNARDINO COUNTY, a body corporate and politic of the State of California, its officers, agents and employees and persons under contract with said County and their employees, the privilege and right to enter upon or across the property shown on the map attached hereto and made a part hereof, for construction purposes:

The purpose of this Permit to Enter and Construct is for:

Remove and Replace Guardrails and other miscellaneous appurtenances thereto at discretion of San Bernardino County

This Permit to Enter and Construct will expire upon completion of the construction project known as "Remove and Replace Guardrails – Crestline Area".

Raffy Krikorian
Raffy Krikorian (Apr 25, 2023 13:16 PDT)

Raffy Krikorian

Date

Date

Date

Date