



**CEQA EXEMPTION / NEPA CATEGORICAL EXCLUSION
DETERMINATION FORM (rev. 06/2022)**

Project Information

Project Name (if applicable): Interstate 215 Pavement Rehabilitation

DIST-CO-RTE: 08-RIV-215

PM/PM: R31.2/40.5

EA: 08-1L170

Federal-Aid Project Number: Not Applicable

Project Description

The California Department of Transportation (Caltrans) will be carrying out a pavement rehabilitation project along Interstate 215 (I-215) from 0.2 mile north of Ramona Expressway (at post mile [PM] R31.2) to 0.35 mile south of Martin Luther King Blvd undercrossing (at PM 40.5) in Riverside County. The scope of this project consists of milling and overlaying pavement, creating localized dig-outs for road repair, upgrading or repairing curb ramps to the Americans with Disabilities Act (ADA) standards, upgrading traffic management system (TMS) items, upgrading existing guardrails to Midwest Guardrail System (MGS), upgrading sign panels, rehabilitating lighting, replacing guardrail end treatments and a crash cushion, and installing new worker safety elements and stormwater treatments. All project activities will occur within the Caltrans right of way.

Caltrans CEQA Determination (Check one)

- Not Applicable** – Caltrans is not the CEQA Lead Agency
- Not Applicable** – Caltrans has prepared an IS or EIR under CEQA

Based on an examination of this proposal and supporting information, the project is:

- Exempt by Statute.** (PRC 21080[b]; 14 CCR 15260 et seq.)
- Categorically Exempt. Class 1(C) Existing Facilities.** (PRC 21084; 14 CCR 15300 et seq.)
 - No exceptions apply that would bar the use of a categorical exemption (PRC 21084 and 14 CCR 15300.2). See the [SER Chapter 34](#) for exceptions.
- Covered by the Common Sense Exemption.** This project does not fall within an exempt class, but it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment (14 CCR 15061[b][3].)

Senior Environmental Planner or Environmental Branch Chief

Shawn Oriaz		08/25/2023
Print Name	Signature	Date

Project Manager

Rafael (Raafat) Youssef		8/25/2023
Print Name	Signature	Date



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Caltrans NEPA Determination (Check one)

Not Applicable

Caltrans has determined that this project has no significant impacts on the environment as defined by NEPA, and that there are no unusual circumstances as described in 23 CFR 771.117(b). See SER Chapter 30 for unusual circumstances. As such, the project is categorically excluded from the requirements to prepare an EA or EIS under NEPA and is included under the following:

23 USC 326: Caltrans has been assigned, and hereby certifies that it has carried out the responsibility to make this determination pursuant to 23 USC 326 and the Memorandum of Understanding dated April 18, 2022, executed between FHWA and Caltrans. Caltrans has determined that the project is a Categorical Exclusion under:

23 CFR 771.117(c): activity (c)(26)

23 CFR 771.117(d): activity (d)(1)

Activity listed in Appendix A of the MOU between FHWA and Caltrans

23 USC 327: Based on an examination of this proposal and supporting information, Caltrans has determined that the project is a Categorical Exclusion under 23 USC 327. The environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 USC 327 and the Memorandum of Understanding dated May 27, 2022, and executed by FHWA and Caltrans.

Senior Environmental Planner or Environmental Branch Chief

Shawn Oriaz (Print Name), Shawn Oriaz (Signature), 08/25/2023 (Date)

Project Manager/ DLA Engineer

Rafael (Raafat) Youssef (Print Name), Raafat Youssef (Signature), 08/25/2023 (Date)

Date of Categorical Exclusion Checklist completion (if applicable): 8/9/2023
Date of Environmental Commitment Record or equivalent: 8/25/2023

Briefly list environmental commitments on continuation sheet if needed (i.e., not necessary if included on an attached ECR). Reference additional information, as appropriate (e.g., additional studies and design conditions).



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Continuation sheet:

Project Description (continued)

The current estimated total support and capital cost for the project is \$55,400,000. The project will be funded by state funds from the 2022 State Highway Operations and Protection Program (SHOPP) Minor Pavement Rehabilitation, ADA Curb Ramps, Roadside Safety Improvements, and Storm Water Mitigation Programs. The project is also eligible for federal-aid funding.

The purpose of this project is to extend the service life of the pavement, improve ride quality, and restore the facilities to a state of good repair. In addition, this project will bring pedestrian facilities and roadside safety devices to current standards, comply with Caltrans' Statewide National Pollutant Discharge Elimination System (NPDES) requirements, and provide a safer environment for maintenance, construction personnel and the traveling public. Lastly, the project will improve Transportation Management Center's ability to manage traffic and provide for better operation and maintenance of selected traffic signals.

The project is needed to address the following deficiencies: the pavement within the project limits exhibits minor distress and generalized poor ride quality; the existing pedestrian facilities do not meet current Americans with Disabilities Act (ADA) standards; the existing metal beam guard rail (MBGR) within the project limits, including guardrail terminal systems, are not in compliance with the Manual for Assessing Safety Hardware (MASH) standards; vegetation control under the existing guardrail is lacking.; worker safety elements are lacking; stormwater runoff from Caltrans facilities have caused erosion and trash accumulation; traffic management system (TMS) elements are outdated.

The following information is provided to document the project's compliance with the California Environmental Quality Act (CEQA).

Aesthetics

The project is limited to repairing, replacing current structures, or adding structures minimal in size, so no visual impacts are expected for this project. In addition, this section of Interstate 215 in the project area is not designated as or eligible to be a California State Scenic Highway. To improve the aesthetics and erosion control at the project site, the project will include revegetation with California native plant species (measure VIS-1). Therefore, the project will have no significant negative impacts on visual resources.

The following visual resource (VIS) measure shall be implemented to minimize visual impacts from the project.

VIS-1: Revegetation. Areas within the Caltrans right of way and project limits shall be revegetated with California native plants for erosion control and to restore the site to a more natural condition.



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Agriculture/Forestry

The project is located within 0.5 miles of prime farmland, unique farmland, and farmland of local and statewide importance. However, none of these farmlands are expected to be impacted by this project and this project will not require any additional right of way. In addition, the project is not located near any timberlands. Thus, the project will have no impacts on agricultural or forestry resources.

Air Quality

According to the August 7, 2023, Caltrans District 8 Air Quality Review Memorandum for this project, this project falls under the project category type listed in 40 CFR 93.126 (Table 2) as exempt from all emissions analyses. Hence, no air quality study will be needed for the project and further transportation air conformity requirements will not apply to this project. Thus, the project will not have any significant impacts on air quality.

The following air quality (AQ) and hazardous materials (HAZ) measures shall be implemented to minimize the impact of the project on air quality.

AQ-1: Air Quality. The proposed project shall comply with Caltrans Standard Specifications Section 14-9, Air Quality, which requires contractors to comply with all federal, state, regional, and local rules, regulations, and ordinances related to air quality.

HAZ-5: Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) Notification. The project shall comply with Caltrans Standard Special Provisions (SSP) 14-9.02 which requires notification to the US Environmental Protection Agency (EPA), California Air Resources Board, Air Pollution Control District (APCD), or Air Quality Management District (AQMD) for the demolition or rehabilitation of a bridge or building to comply with air quality regulations. Notification must occur even if no asbestos is present in the structure. This SSP does not apply to naturally occurring asbestos, which is not part of a structure.

Biological Resources

Results of the August 2, 2023, Caltrans District 8 Biological Studies Natural Environment Study (Minimal Impacts), NESMI, to determine the project's impact on biological resources were based on literature searches and field reviews. In particular, United States Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW), Western Riverside County Multiple Species Habitat Conservation Plan (WR-MSHCP), and California Native Plant Society (CNPS) species lists were used to assist in determining the presence of threatened and endangered species, species of special concern, covered species, and critical habitat in the biological study area (BSA), an area within 500 feet of the project impact area (PIA). Field reviews were conducted by professionally qualified biologists and consisted of the following: a general habitat assessment of the BSA (March 2, 2023), a survey for WR-MSHCP Criteria Area plant species (February 14, 2023), burrowing owl habitat surveys (February 16 and 17, 2023),



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a burrowing owl focus survey (March 28, 2023), and a bat roosting habitat suitability assessment (March 6, 7, and 17, 2023).

The NESMI included the following determinations regarding special-status species. The project will have 'no effect' on any federally-listed threatened, endangered, or protected species or designated critical habitat under the Federal Endangered Species Act (FESA) with the implementation of avoidance and minimization measures as described in this document; formal Section 7 consultation with the USFWS will not be required. Although the project is within National Oceanographic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS) Jurisdiction, the project will result in 'no effect' on any NOAA/NMFS species or essential fish habitat. In addition, the project will result in 'no take' of any state-listed special status species pursuant to the California Endangered Species Act (CESA), due to the lack of suitable habitat in the PIA and/or with the implementation of avoidance and minimization measures as described in this document. The project is also not anticipated to cause species of special concern to trend toward a state-listed status.

According to the NESMI, the project will not impact jurisdictional Waters of the United States (WUS) or Waters of the State (WOS). A U.S. Army Corps of Engineers (USACE) Clean Water Act (CWA) Section 404 permit will not be required. A State Regional Water Quality Control Board (RWQCB) CWA Section 401 permit will not be required. No Jurisdictional Delineation (JD) surveys will be required for the project area. California Fish and Game Code (CFG) 1602 (Lake and Streambed Alteration Agreement) and CFGC 2081 Incidental Take permits will not be needed for the project.

According to the NESMI, the project will have 'no impact' on any MSHCP-covered species with the implementation of avoidance and minimization measures described in this document, and the project is considered a covered activity under Section 7.2.1 and Section 7.2.5 of the WR MSHCP. In addition, a Multiple Species Habitat Conservation Plan Consistency Analysis was conducted in April and May, 2023, to analyze how the project will be consistent with the goals and objectives of the WR-MSHCP.

To prevent impacts on any biological resources, the following biological (Bio) avoidance and minimization measures will be implemented and are included in the environmental commitments record for this project:

Bio-General-1: Equipment Staging, Storing & Borrow Sites. All staging, storing, and borrow sites require the approval of the Caltrans biologist.

Bio-General-2: Temporary Artificial Lighting Restrictions. To address potential impacts to pocketed free-tailed bat, western yellow bat, and other bat species, artificial lighting must be directed at the job site to minimize light spillover onto potential bat roosting areas, if project activities occur at night.

Bio-General-4: Preconstruction Surveys. Preconstruction surveys for pocketed freetailed bat, western yellow bat, and other bat species must be conducted by a



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qualified mammal and bat biologist within the project impact area within 14 days prior to project activities and following a bat roosting habitat suitability assessment.

Preconstruction surveys for Riverside fairy shrimp must be conducted by a qualified biologist no more than 3 days prior to project activities within areas of appropriate habitat and following a general habitat assessment. If one of the species listed above or other special-status species is located, the Resident Engineer and Caltrans biologist must be contacted and additional measures and/or agency coordination may be required.

Bio-General-5: Work Avoidance. To address impacts to pocketed free-tailed bat, western yellow bat, and other bat species, avoid project activities from April 1 to August 31 within 300 feet of all potential roosting structures in the project impact area.

Bio-General-7 - Worker Environmental Awareness Program (WEAP): A qualified biologist must present a biological resource information program/WEAP for Los Angeles pocket mouse, northwestern San Diego pocket mouse, San Diego black-tailed jackrabbit, San Diego desert woodrat, Stephen's kangaroo rat, pocketed free-tailed bat, western yellow bat, coastal western whiptail, red diamond rattlesnake, and California glossy snake prior to project activities to all personnel that will be present within the project limits for longer than 30 minutes at any given time.

Bio-General-8 - Biological Monitor: A qualified biologist must monitor project activities to ensure that measures are being implemented and documented.

Bio-General-9: Environmentally Sensitive Area (ESA). To address impacts to Black Willow Riparian Woodland, California Sycamore Woodland, smooth tarplant, threadleaved brodiaea, Los Angeles pocket mouse, northwestern San Diego pocket mouse, San Diego black-tailed jackrabbit, San Diego desert woodrat, Stephen's kangaroo rat, riparian bird species, coastal western whiptail, red diamond rattlesnake, California glossy snake, western spadefoot, Riverside fairy shrimp, quino checkerspot butterfly, Crotch bumble bee, monarch butterfly, or other special-status plant or animal species, delineate the habitat area for these species as an ESA as shown on the plans and/or described in the specifications.

Bio-General-10: Environmentally Sensitive Area (ESA) Fence Monitoring. Integrity inspections of rare or special-status plant fencing and enclosures (onsite cleared areas) must occur throughout the duration of the project prior to commencing project activities and after activities are completed. If during construction the fence fails, work must stop until it is repaired and the qualified biologist inspects (and clears) the job site.

Bio-General-11: Environmentally Sensitive Area (ESA) Fence Removal. All fencing must be removed as a last order of work. During removal, a qualified biologist must be present.

Bio-General-16 - Invasive Weed Control: To address impacts to Black Willow Riparian Woodland, California Sycamore Woodland, smooth tarplant, thread-leaved



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brodiaea or other rare plant species, a qualified biologist must identify invasive plant species within the PIA and a 50-foot buffer within 30 days prior to project activities. Treatment and disposal methods must be approved by the Caltrans biologist prior to vegetation removal.

Bio-Plant-1 - Rare Plant Surveys, Flagging and Fencing: Within 30 days prior to construction, a preconstruction survey must be conducted by a qualified biologist for smooth tarplant, thread-leaved brodiaea or any other rare or special-status plant species in areas of suitable habitat, within 50 feet of the PIA. Smooth tarplant, threadleaved brodiaea or other rare plant species must be flagged for visual identification to construction personnel for work avoidance. Smooth tarplant, thread-leaved brodiaea or other rare plant species detected that feature multiple plants in a single location must be fenced with Environmentally Sensitive Area (ESA) temporary fencing.

Bio-Avian-1: Preconstruction Nesting Bird Survey. If project activities cannot avoid the nesting bird season, February 1 – September 30, then preconstruction nesting bird surveys must be conducted by a qualified biologist in areas of suitable habitat within the projects limits and up to the limit of the BSA, no more than 3 days prior to construction to locate and avoid nesting birds. If an active avian nest is located, a no-construction buffer (100 feet for non-passerine, 300 feet for passerine, and 500 feet for raptors) will be established and monitored by a qualified biologist.

Bio-Avian-2: Preconstruction Burrowing Owl Survey. Two burrowing owl preconstruction surveys must be performed by a qualified biologist: one survey 14-30 days prior to project activities, and one survey 24 hours prior to project activities. The surveys must be conducted within the MSHCP BUOW survey area of suitable BUOW habitat as identified in the Burrowing Owl Habitat Assessment.

Bio-Amphibian-PSM-2: Western Spadefoot in Project Area. If during construction activities a western spadefoot is discovered within the project site, all construction activities shall stop and the biologist and resident engineer shall be notified. The biologist shall relocate the western spadefoot to a safe area within western spadefoot habitat.

Bio-Invasive-1: Invasive Species Control, Vehicle Washing. Comply with 2022 SSP or latest version. It will be required that the contractor will wash equipment prior to entering the project site. The biologist will coordinate with the resident engineer and contractor in order to inspect the vehicles and equipment prior to the initiation of work to verify that they have been washed.

Bio-Invasive-2: Best Management Practices. Comply with 2022 SSP 21-2.02P or latest version; use biodegradable and weed free fiber roll for erosion control.



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Cultural Resources and Tribal Cultural Resources

A Caltrans District 8 Cultural Studies Section 106 compliance memorandum for this project was completed on July 17, 2023. This cultural resources review included a review of the project description, location maps, Caltrans Cultural Resource Data, aerial photography, historic topographic maps, and the conceptual design footprint.

The cultural studies for this undertaking (project) were carried out in a manner consistent with Caltrans' regulatory responsibilities under Section 106 of the National Historic Preservation Act (36 CFR Part 800) and pursuant to the January 2014 *First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation Regarding Compliance with Section 106 of the National Preservation Act, As It Pertains to the Administration of the Federal-Aid Highway Program in California* (106 PA). According to the 106 PA, attachment 2, this project falls under the following exemption classes: class 1, "pavement reconstruction, resurfacing, shoulder backing, or placement of seal coats;" class 11, "modification of existing features, such as slopes, ditches, curbs, sidewalks, driveways, dikes, or headwalls, within or adjacent to the right of way;" class 12, "Minor operational improvements, such as culvert replacement and median or side-ditch paving;" class 13, "addition or replacement of devices, such as glare screens, median barriers, fencing, guardrails, safety barriers, energy attenuators, guide posts, markers, safety cables, ladders, lighting, hoists, or signs; and " class 14, "installation, removal or replacement of roadway markings, such as painted stripes, raised pavement markers, thermoplastic tape, or raised bars, or installation of sensors in existing pavements;" class 20, "modification of traffic control systems or devices utilizing existing infrastructure, including installation, removal, or modification of regulatory, warning, or informational signs or signals;" and class 25, "establishment, replacement, or removal of landscaping, vegetation, or irrigation systems on state or local public property, including highway and local roads rights of way and building sites."

The project was determined to have 'no potential to affect historic properties' eligible for or listed in the National Register of Historic Places or California Register of Historic Places, and is exempt from further review.

The following cultural resource (CR) measures are included in the environmental commitments record for this project.

CR-1: Cultural Resources. If buried cultural resources are encountered during project activities, it is Caltrans policy that work stop within 60 feet of the area until a qualified archaeologist can evaluate the nature and significance of the find.

CR-2: Human Remains. In the event that human remains are found, the county coroner shall be notified and ALL construction activities within 60 feet of the discovery shall stop. Pursuant to Public Resources Code Section 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission



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(NAHC) who will then notify the Most Likely Descendent (MLD). The person who discovered the remains will contact the District 8 Division of Environmental Planning; Andrew Walters, DEBC: (909) 260-5178 and Gary Jones, DNAC: (909) 261-8157. Further provisions of PRC 5097.98 are to be followed as applicable.

Energy

The project will not impact any plans for renewable energy or energy efficiency.

Geology/Soils

Most of the project site is located within alluvium, lake, playa, and terrace deposits that are unconsolidated and consolidated. In addition, a small portion of the northern portion of the project site is located within Mesozoic granite, quartz monzonite, granodiorite, and quartz diorite.

The site is over 0.5 miles from a Quaternary fault.

The project will not directly or indirectly cause significant adverse effects on the geology or soil within the project site.

Paleontological Resources

According to the July 17, 2023, Caltrans District 8 Paleontological Studies Email Memorandum for this project, no paleontological studies will be required for this project. Thus, the project will not have a significant impact on paleontological resources.

Greenhouse Gas Emissions

Construction of the proposed project will result in greenhouse gas (GHG) emissions from fuel combustion associated with off-road and on-road construction equipment and vehicles. According to the August 17, 2023, Caltrans District 8 Environmental Engineering GHG memorandum for this project, the anticipated GHG construction activity emissions for were calculated using the Caltrans Construction Emissions Tool (CAL-CET) for 310 working days. The estimated amount of greenhouse gas emissions per day for the construction of the project are as follows: 11,318 lbs/day or 5.66 tons/day of CO₂e (CO₂ equivalent). The estimated total amount of greenhouse gas emissions for the project is 3,508,580 lbs or 1,754 tons.

While the project would result in GHG emissions during construction, the amount of construction emissions would be minimal. In addition, the project is not capacity-increasing and thus, will not result in an increase in operational GHG emissions. Therefore, the project will not generate substantial greenhouse gas emissions, or conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.



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The following measures shall be implemented to minimize GHG emissions from the project.

AQ-1: Air Quality. The proposed project shall comply with Caltrans Standard Specifications Section 14-9, Air Quality, which requires contractors to comply with all federal, state, regional, and local rules, regulations, and ordinances related to air quality.

GHG-1: Emissions Reductions. The proposed project shall comply with Caltrans Standard Specifications Section 7-1.02A and 7-1.02C, Emissions Reductions, which require contractors to comply with all emission reduction laws applicable to the project and to certify that they are aware of and will comply with all California Air Resources Board (ARB) emission reduction regulations.

GHG-2: Energy-Efficient Lighting. The proposed project shall incorporate the use of energy-efficient lighting, such as light-emitting diode (LED) lighting, to help reduce the project's CO₂ emissions.

GHG-3: Recycling and Waste Reduction. The proposed project shall recycle construction debris as practicable and reduce construction waste.

GHG-4: Efficient Construction Methods. The project shall use energy- and water-efficient construction methods.

TR-1: Traffic Management Plan. Prior to construction, a traffic management plan will be prepared and coordinated with local emergency responders and implemented to allow pedestrian and bicycle access on local streets, and minimize traffic delays and associated idling emissions during construction.

VIS-1: Revegetation. Areas within the Caltrans right of way and project limits shall be revegetated with California native plants to restore the site to a more natural condition.

Hazards and Hazardous Materials

According to the August 7, 2023, Caltrans District 8 Environmental Engineering Studies Initial Site Assessment (ISA) Checklist for this project, the project's potential for hazardous waste involvement was identified as a low risk. Geotracker and EnviroStor maps showed no significant contaminated sites at or near the project site. However, since bridge work is included in the project scope, a site investigation (SI) will be conducted to test for asbestos-containing material (ACM) in bridges and aerially deposited lead (ADL) in the soil. The project is not expected to create a hazard to the public or the environment.

To minimize and avoid effects of possible hazardous materials in the project area, the project shall implement the following hazardous materials (HAZ) measures.



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HAZ-1: Conditions for Use of Local Material. The project shall comply with Caltrans Standard Special Provision (SSP) 6-1.03B(2) when local material, such as rock, gravel, earth, structure backfill, pervious backfill, imported borrow, and culvert bedding, obtained from a (1) noncommercial source, or (2) source not regulated under California jurisdiction, is being used on the project. A local material plan for each material must be submitted at least 60 days before placing the material.

HAZ-2: Earth Material Containing Lead. The project shall comply with Caltrans SSP 7-1.02K(6)(j)(iii), which includes specifications for handling, removing, and disposing of unregulated earth material containing lead, and requires a lead compliance plan for soil disturbance. Management of this material exposes workers to health hazards that must be addressed in the lead compliance plan. This material contains average lead concentrations below 80 mg/kg total lead and below 5 mg/L soluble lead and is not regulated by the Department of Toxic Substances Control (DTSC) as a hazardous substance or a hazardous waste. This material does not require disposal at a permitted landfill or solid waste disposal facility. The Regional Water Quality Control Board (RWQCB) has jurisdiction over reuse of this material at locations outside the job site limits.

HAZ-3: Management of Treated Wood Waste. If the project generates treated wood waste from signposts or guardrail posts, the project shall comply with Caltrans Standard Special Provision 14-11.14 which includes specifications for the proper handling, storing, transporting, and disposing of treated wood waste..

HAZ-4: Residue Containing Lead from Paint and Thermoplastic. The project shall comply with Caltrans SSP 36-4 which requires a lead compliance plan if residue from grinding or cold planning pavement contains lead from paint or thermoplastic, and if the average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead; these lead concentrations are not considered a hazardous waste.

HAZ-5: Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) Notification. The project shall comply with Caltrans Standard Special Provisions (SSP) 14-9.02 which requires notification to the US Environmental Protection Agency (EPA), California Air Resources Board, Air Pollution Control District (APCD), or Air Quality Management District (AQMD) for the demolition or rehabilitation of a bridge or building to comply with air quality regulations. Notification must occur even if no asbestos is present in the structure. This SSP does not apply to naturally occurring asbestos, which is not part of a structure.

HAZ-6: Removal of Vehicle Sensor Nodes (VSNs) and/or Electrical Systems. The project shall comply with Caltrans Standard Special Provision 87-21.03D which specifies the proper protocol for the removal of VSNs containing lithium thionyl chloride batteries, and the removal of existing electrical systems containing hazardous materials.



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Hydrology/Water Quality

An August 2022, Caltrans District 8 Environmental Studies Scoping Questionnaire for Water Quality Issues was completed for this project. This water analysis included a search of several databases, including the Caltrans Water Quality Planning Tool and Federal Emergency Management Agency flood maps, and utilized findings from several district studies for this project including the August 2, 2023, Caltrans District 8 Biological Studies Natural Environment Study (Minimum Impact) and the August 14, 2023, Caltrans District 8 Draft Stormwater Data Report.

The project site is located within two different hydrologic units and in the jurisdiction of the Santa Ana River Regional Water Quality Control Board (Region 8). The southern region of the project is located in the San Jacinto Valley Hydrologic Unit and the northern region of the project is located in the Santa Ana River Hydrologic Unit. The project does not pass over or affect any blue-line streams. There are no wetlands within or adjacent to the project site. Water in the project area flows to Canyon Lake.

The project scope will include fifteen trash capture devices installed on existing culvert outlets to stormwater mitigation compliance units to address local water quality concerns.

Stormwater discharge from the project site will be regulated under the National Pollutant Discharge Elimination System (NPDES) Permit, Statewide Storm Water Permit and Waste Discharge Requirements 08-Riv-215-R31.2/40.5 26 for the State of California, Department of Transportation Order Number 2022-0033-DWQ, NPDES No. CAS000003, National Pollutant Discharge Elimination System Permit, Statewide Storm Water Permit, and Waste Discharge Requirements (WDRs) for Caltrans. Construction activities will also comply with NPDES General Permit, Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction Activities (Order No. 2022- 0057-DWQ-NPDES No. CAS000002. A Stormwater Pollution Prevention Plan (SWPPP), environmental commitment measure WQ-1, will be required since the disturbed soil area (DSA) of the project is greater than one acre. Per the Caltrans Municipal Separate Stormwater System (MS4) Permit, permanent and temporary best management practices (BMPs) are required and will be implemented to the maximum extent practicable; in addition, treatment BMPs are required since the project will have a total new impervious surface area greater than 10,000 square feet.

Thus, the project will not violate any water quality standards or waste discharge requirements, or otherwise degrade surface or ground water quality.

In addition, the project site is not located in any flood hazard areas that are designated by Federal Emergency Management Agency (FEMA), so the project will not create any flood hazards.

The following water quality (WQ) and visual resources (VIS) measure shall be implemented to minimize the impact of the project on water quality.



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WQ-1: Stormwater Pollution Prevention Plan. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared by the contractor and approved by Caltrans prior to the start of construction.

VIS-1: Revegetation. Areas within the Caltrans right of way and project limits shall be revegetated with California native plants for erosion control and to restore the site to a more natural condition.

Land Use/Planning

The land use within 0.5 miles of the proposed project site consists of residential, industrial, light industrial, commercial, office/business park, rural, agricultural, open space areas, as well as public institutions and an airport. Large landmarks within this project area include March Air Reserve Base, March Field Air Museum, Riverside National Cemetery, Sycamore Wilderness Park, Sycamore Highlands Park, Quail Run Park, and the University of California at Riverside. The project will not result in any change in land use type or any increase or decrease in land use. Therefore, the project will have no impact on land use.

Mineral Resources

The project will not result in the loss of any known mineral resources.

Noise

According to the July 12, 2023, Caltrans District 8 Environmental Engineering Noise Memorandum for this project, the project falls under the type III project category of Title 23 of the Code of Federal Regulations Section 772.7 (23CFR772.7). According to the April 2020 Caltrans Traffic Noise Analysis Protocol, type III projects are exempt from a noise analysis. The project will not generate a substantial temporary or permanent increase in ambient noise levels.

The following measure shall be implemented to minimize the impact of noise from the project.

NOI-1: Noise Control. The project will comply with the construction noise requirements per Caltrans Standard Specification 14-8.02, do not exceed 86 dBA L_{max} at 50 feet from the job site from 9:00 p.m. to 6:00 a.m., or Caltrans Special Provision 14-8.02 (if applicable).

Population/Housing

The project has a very limited scope and will not increase traffic capacity. Therefore, the project will not influence population growth.



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The project will be constructed entirely within the Caltrans existing right of way; therefore, no real property acquisitions and no relocations will be needed. No minority or low-income populations that could be affected by the project have been identified. Thus, the project is not subject to the provisions of Executive Order 12898.

Public Services

Public facilities within 0.5 miles of the project site include March Air Reserve Base, March Field Air Museum, Riverside National Cemetery, Sycamore Wilderness Park, Sycamore Highlands Park, Quail Run Park, and the University of California at Riverside. The project will not impact any of these facilities.

The project will include freeway ramp closures that will only require minor traffic detours; a traffic management plan (measure TR-1) will be prepared and coordinated with local emergency responders and implemented to minimize any traffic delays. Thus, the project will not impact any response times or other performance objectives for any public services like fire protection, police protection, schools, parks, or any other public facility.

The following transportation (TR) measure is included in the environmental commitments record for this project.

TR-1: Traffic Management Plan. Prior to construction, a traffic management plan will be prepared and coordinated with local emergency responders and implemented to allow pedestrian and bicycle access on local streets, and minimize traffic delays and associated idling emissions during construction.

Recreation

Several parks and one garden are located within 0.5 miles of the project site and include Sycamore Wilderness Park, Sycamore Highlands Park, Quail Run Park, and the University of Riverside Botanic Garden. The project will not increase the use of these or any other existing park or recreational facility.

Transportation

According to the *Caltrans District 8 Interstate 215 Transportation Concept Report* (approved September 25, 2012), pedestrians and bicycles are not allowed onto freeway shoulders within the entire length of the project site. Thus, project construction on the freeway will not interfere with any pedestrian or bicyclist access to this roadway.

However, the project will include improvements to pedestrian and bicycle facilities on one or more local streets. Pedestrian facilities will be upgraded at one or more freeway ramps at Van Buren Blvd., Cactus Ave., E. Alessandra Rd., Eucalyptus Ave., Fair Isle Dr., Central Ave., and Watkins Dr. In addition, bicycle facilities will be improved at



CEQA EXEMPTION / NEPA CATEGORICAL EXCLUSION DETERMINATION FORM

Alessandra Rd. A traffic management plan (measure TR-1) will be implemented to allow pedestrian and bicycle access along these local streets.

Although the project will require partial lane, shoulder, and ramp closures, construction activities will be performed without any long-term lane closures. In addition, construction work is expected to occur during off-peak hours and/or the nighttime hours, and freeway ramp closures will only require minor traffic detours. A traffic management plan (measure TR-1) will also be prepared and coordinated with local emergency responders to minimize traffic delays. Thus, the project will not conflict with the transportation circulation system or any emergency access.

The following transportation (TR) measure is included in the environmental commitments record for this project.

TR-1: Traffic Management Plan. Prior to construction, a traffic management plan will be prepared and coordinated with local emergency responders and implemented to allow pedestrian and bicycle access on local streets, and minimize traffic delays and associated idling emissions during construction.

Utilities/Service System

Types of facilities within the project area include underground gas, water, sewer, telephone, fiber optic, overhead electric, and cable television utilities. Known utility companies within the project area include the following: Eastern Municipal Water District, Southern California Gas Distribution Ramona, and Utilquest for Southern California Edison. Although the project is currently not expected to require any relocations, utility potholing investigations will be conducted in later phases of developing the project to determine if the project will conflict with any utilities, and whether or not notices to owners and utility agreements will be required. Thus, the project will not have a significant impact on any utilities.

Wildfire

The project will include freeway ramp closures that will only require minor traffic detours; a traffic management plan (measure TR-1) will be prepared and coordinated with local emergency responders and implemented to minimize any traffic delays. Thus, the project will not impair any adopted emergency response or evacuation plan.

According to California Department of Forestry and Fire Protection (website accessed August 21, 2023), the project is located at the western edge of a designated 'very high fire hazard severity zone' for about one mile from Box Springs Rd. (PM 38.6) to Central Ave. (PM 39.5), and the rest of the project site is within local or federal fire responsibility areas. Caltrans Standard Special Provision (SSP) 7-1.02M(2) will be followed when project locations and/or the type of work to be performed presents elevated fire hazard conditions. Thus, the risk of fire caused by the project will be minimal during construction.



CEQA EXEMPTION / NEPA CATEGORICAL EXCLUSION DETERMINATION FORM

The following transportation (TR) and wildfire (WF) measures are included in the environmental commitments record for this project to minimize the project's impact on emergency responses and wildfire.

TR-1: Traffic Management Plan. Prior to construction, a traffic management plan will be prepared and coordinated with local emergency responders and implemented to allow pedestrian and bicycle access on local streets, and minimize traffic delays and associated idling emissions during construction.

WF-1: Wildfire Prevention. The project shall comply with Cal Fire guidelines for equipment use, control of flammable materials, use of fuel breaks, and fire monitoring when fire hazard conditions are elevated as specified under Caltrans Standard Special Provision 7-1.02M(2).

Permits

No permits are required for this project.

Attachment A. Index of Plans

INDEX OF PLANS

SHEET No. DESCRIPTION

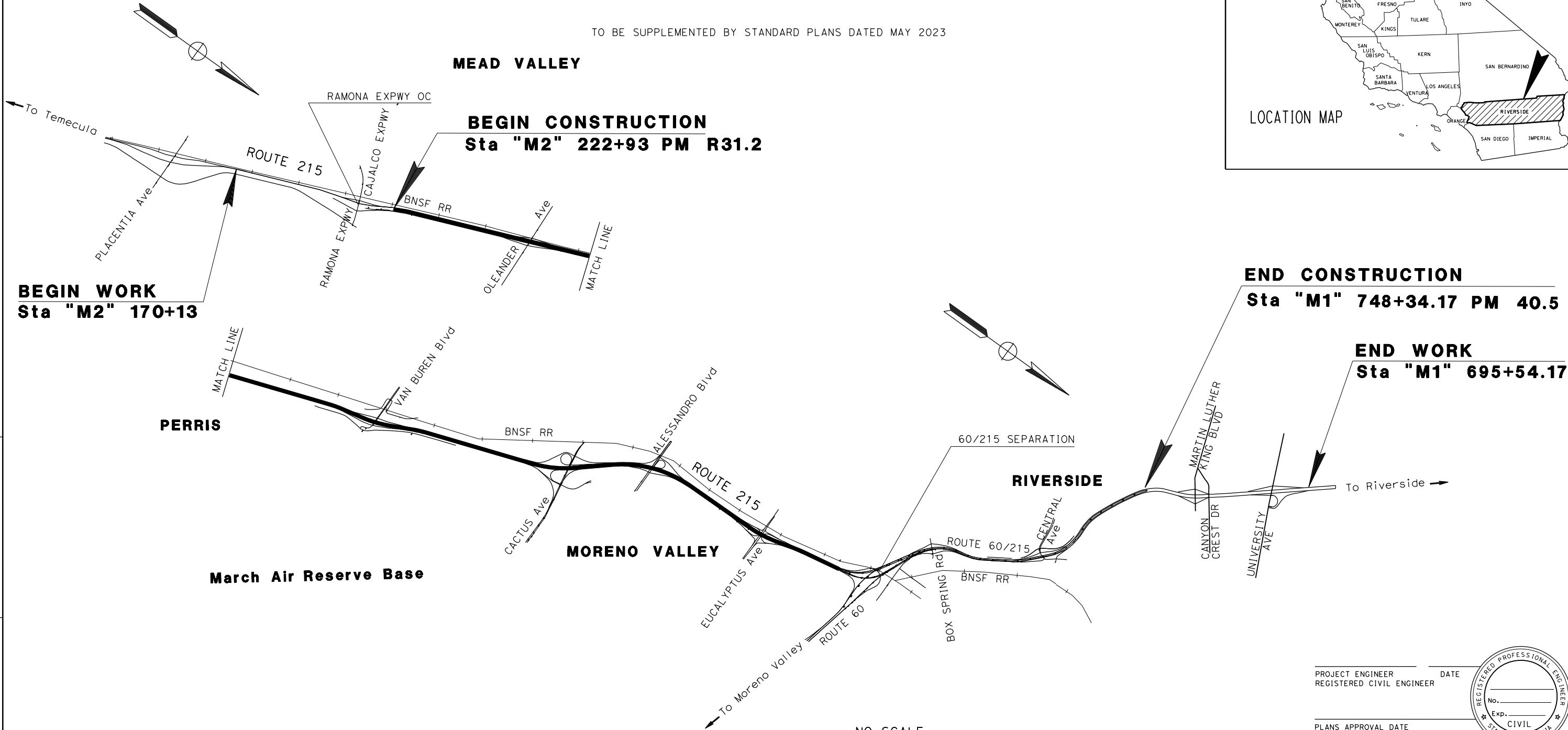
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY IN RIVERSIDE COUNTY FROM 0.2 MI NORTH OF RAMONA EXPRESSWAY TO 0.35 MI SOUTH OF MARTIN LUTHER KING BLVD UNDERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2023

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5	1	

LOCATION MAP

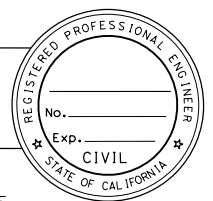


PROJECT MANAGER

DESIGN ENGINEER

NO SCALE

PROJECT ENGINEER _____ DATE _____
REGISTERED CIVIL ENGINEER



PLANS APPROVAL DATE _____
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CONTRACT No. **08-1L170**



Attachment B. Layouts L-1 Through L-42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		


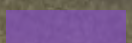

REGISTERED CIVIL ENGINEER		DATE
No. C60436		
Exp. 6-30-24		
PLANS APPROVAL DATE		

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



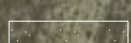
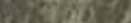
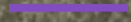

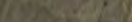
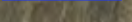
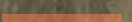
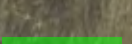

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. ALL WORK WILL BE DONE WITHIN CALTRANS RIGHT OF WAY OR EASEMENT
3. EXISTING MATURE VEGETATION WILL REMAIN.
4. ALL HYDROSEED AREAS ARE SET BACK TO HAVE A CLEARANCE OF 25 FT FROM RAILROAD TRACKS.
5. STAGING AREAS TO BE DETERMINED UNDER CONSULTATION WITH ENVIRONMENTAL PLANNING DIVISION.

PAVEMENT STRUCTURAL SECTIONS

-  1 0.25' COLD PLANE
0.15' RHMA-G
0.10' HMA
-  2 0.15' COLD PLANE
0.15' RHMA-G
-  2 0.15' COLD PLANE
0.15' RHMA-G

LEGEND:

-  VEGETATION CONTROL
-  MINOR CONCRETE (STAMPED CONCRETE)
-  HYDROSEED
-  VEGETATION CONTROL
-  GUARDRAIL UPGRADE
-  CURB RAMP WORK AND LOCATION NUMBER
-  ENHANCED VISIBILITY CROSSWALK
-  REPAIR SIDEWALK
-  RESTRIPE BIKE LANE
-  TEMPORARY CONSTRUCTION EASEMENT (TCE)
-  SIGNIFICANT TRASH GENERATING AREA (STGA)

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION DESIGN

ANNABELL WANG
CUONG TRAN

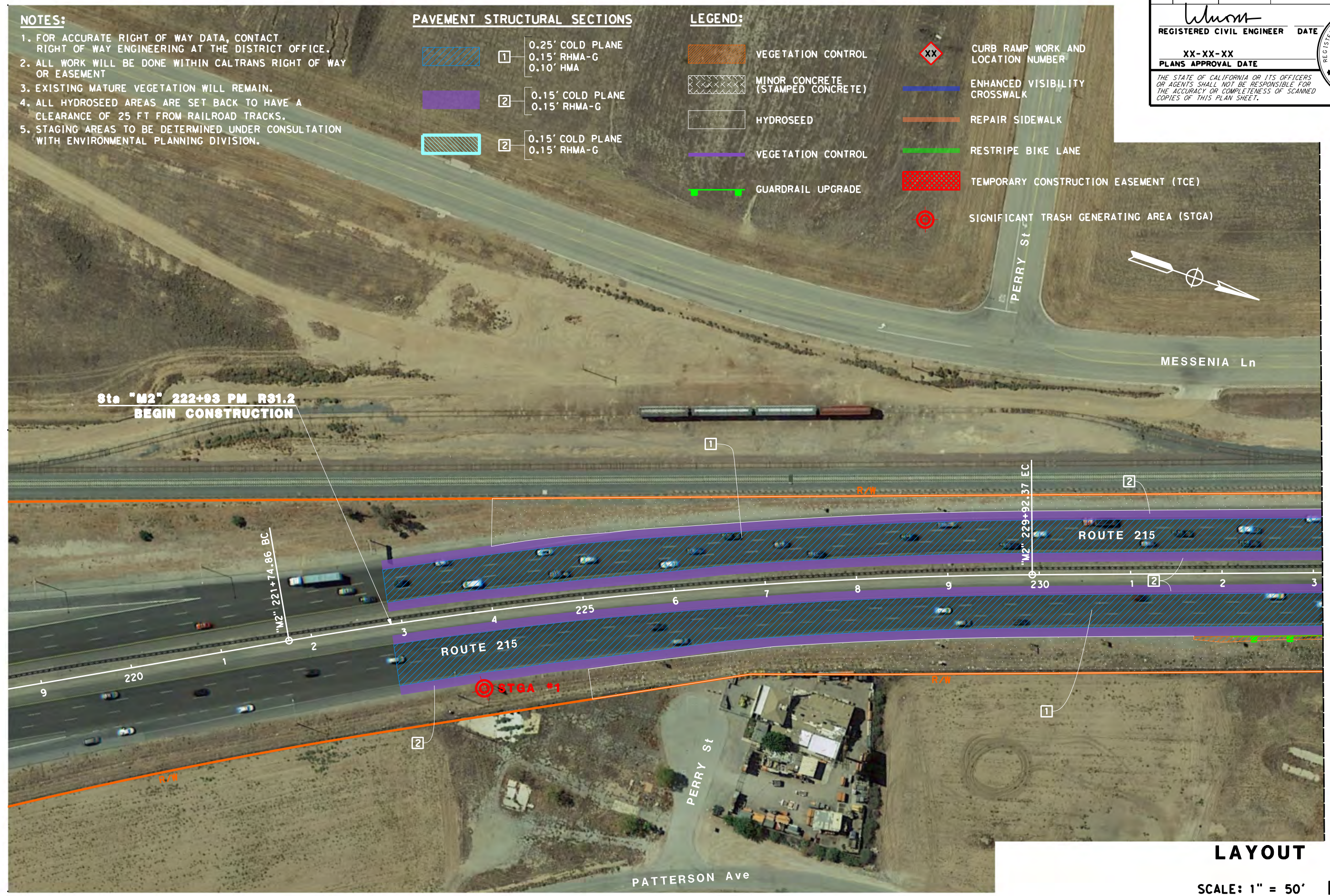
CRISTINA GAYTAN

REVISOR BY DATE REVISION

CALCULATED/DESIGNED BY CHECKED BY

FUNCTIONAL SUPERVISOR

DATE PLOTTED 00-00-00
TIME PLOTTED 00:00:00



LAYOUT

SCALE: 1" = 50' L-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX		
	PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
CUONG LE TRAN
No. C60436
Exp. 6-30-24
CIVIL
STATE OF CALIFORNIA

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LAYOUT
SCALE: 1" = 50' **L-2**

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Caltrans	
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CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

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UNIT 2234

PROJECT NUMBER & PHASE

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LAST REVISION DATE PLOTTED => #DATE
00-00-00 TIME PLOTTED => \$TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	DATE
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CUONG LE TRAN	
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Exp. 6-30-24	
CIVIL	

XX-XX-XX
PLANS APPROVAL DATE

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LAYOUT
SCALE: 1" = 50' **L-3**

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RELATIVE BORDER SCALE IS IN INCHES
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PROJECT NUMBER & PHASE

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NOTE:
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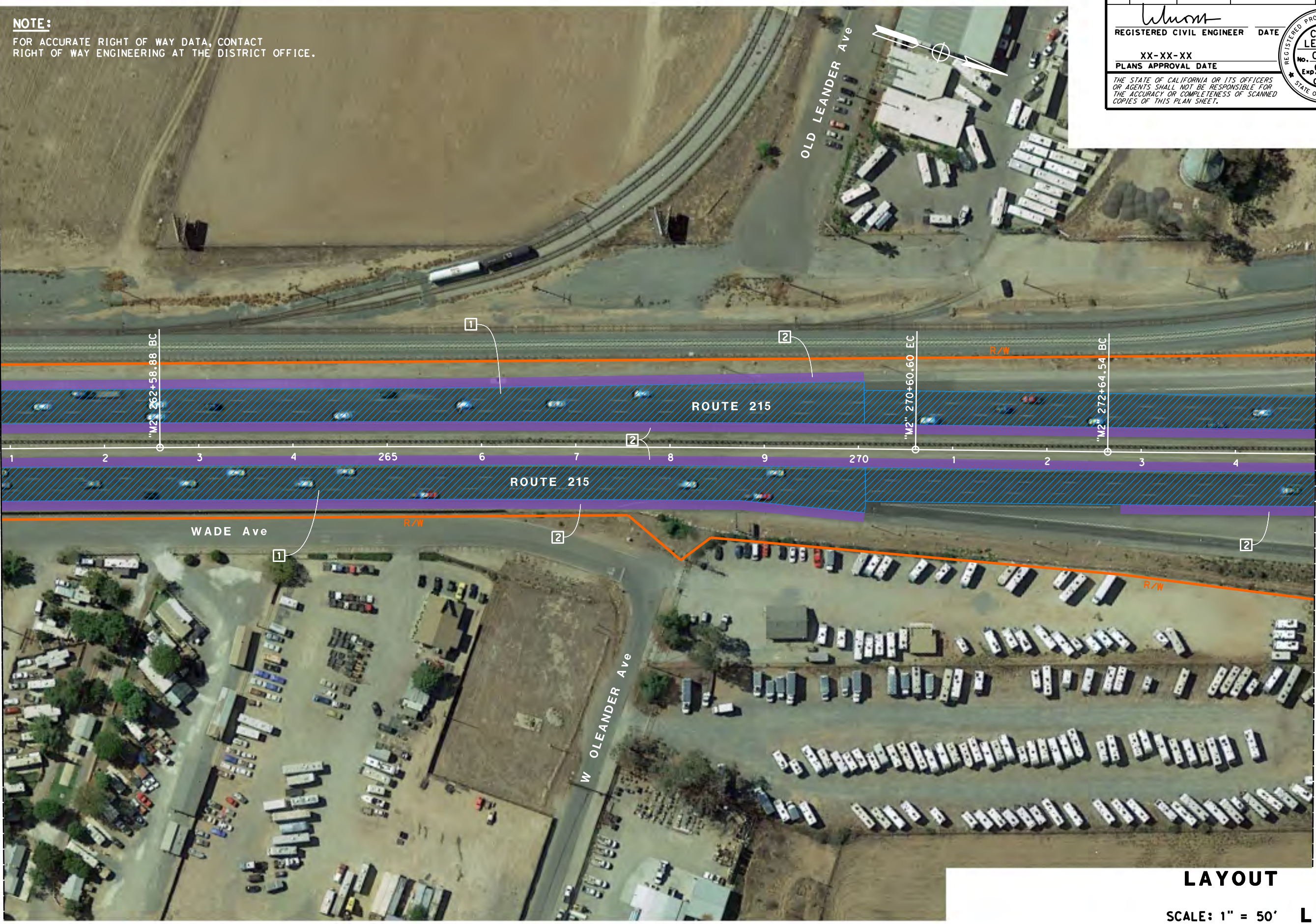
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08	Riv	215	R31.2/40.5		

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MATCH LINE
 SEE L-3



MATCH LINE
 SEE L-5

LAYOUT
 SCALE: 1" = 50' L-4

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CDTRANS
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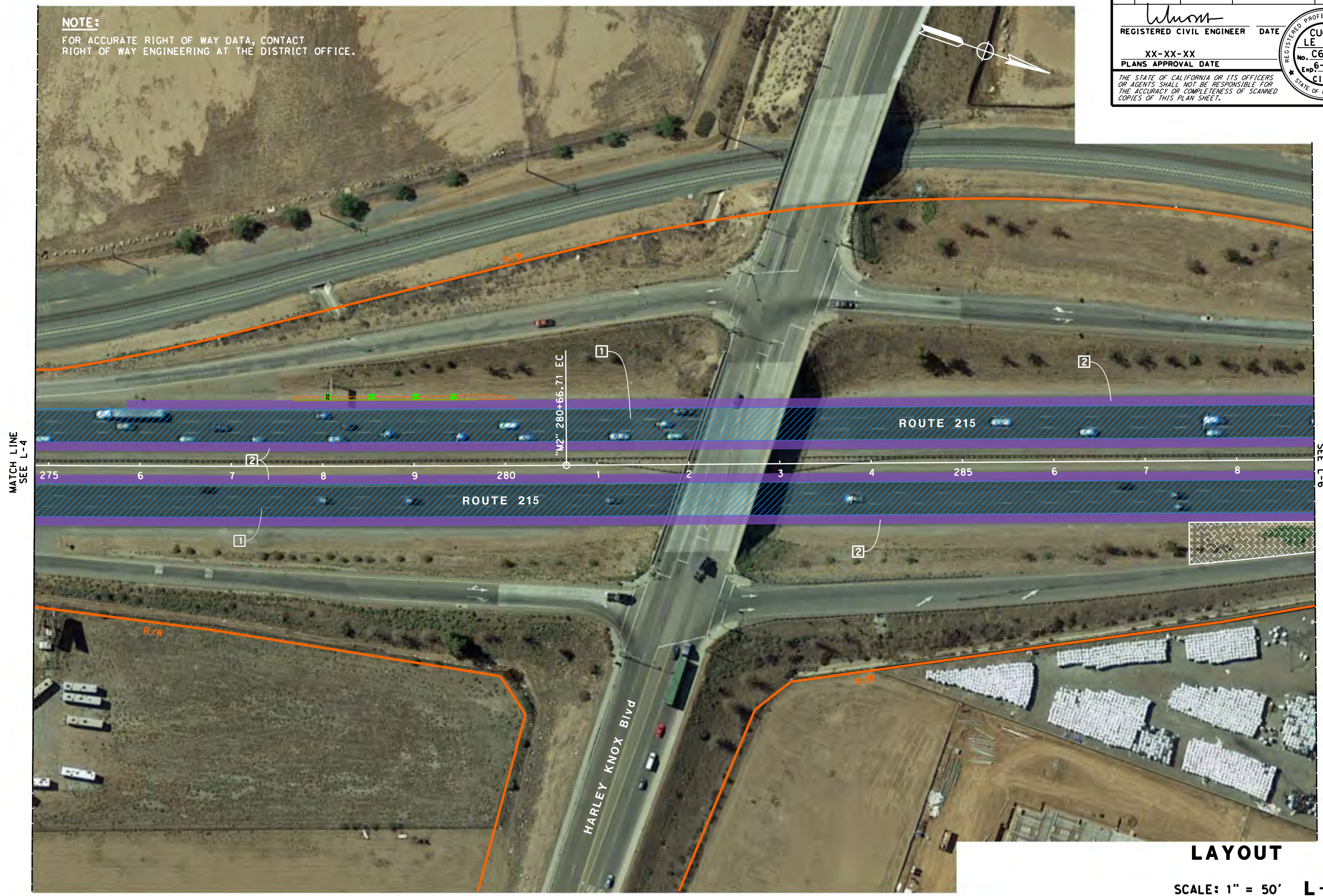
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NOTE:
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
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LAYOUT
 SCALE: 1" = 50' L-5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	DATE
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MATCH LINE
SEE L-5

MATCH LINE
SEE L-7

LAYOUT
SCALE: 1" = 50' **L-6**

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER DATE
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LAYOUT
 SCALE: 1" = 50' L-7

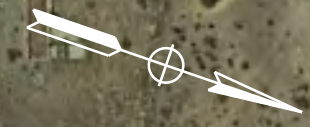
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LAYOUT
 SCALE: 1" = 50' **L-8**

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

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LAYOUT

SCALE: 1" = 50' **L-9**

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08190001581

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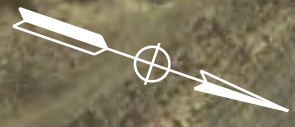
FUNCTIONAL SUPERVISOR
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

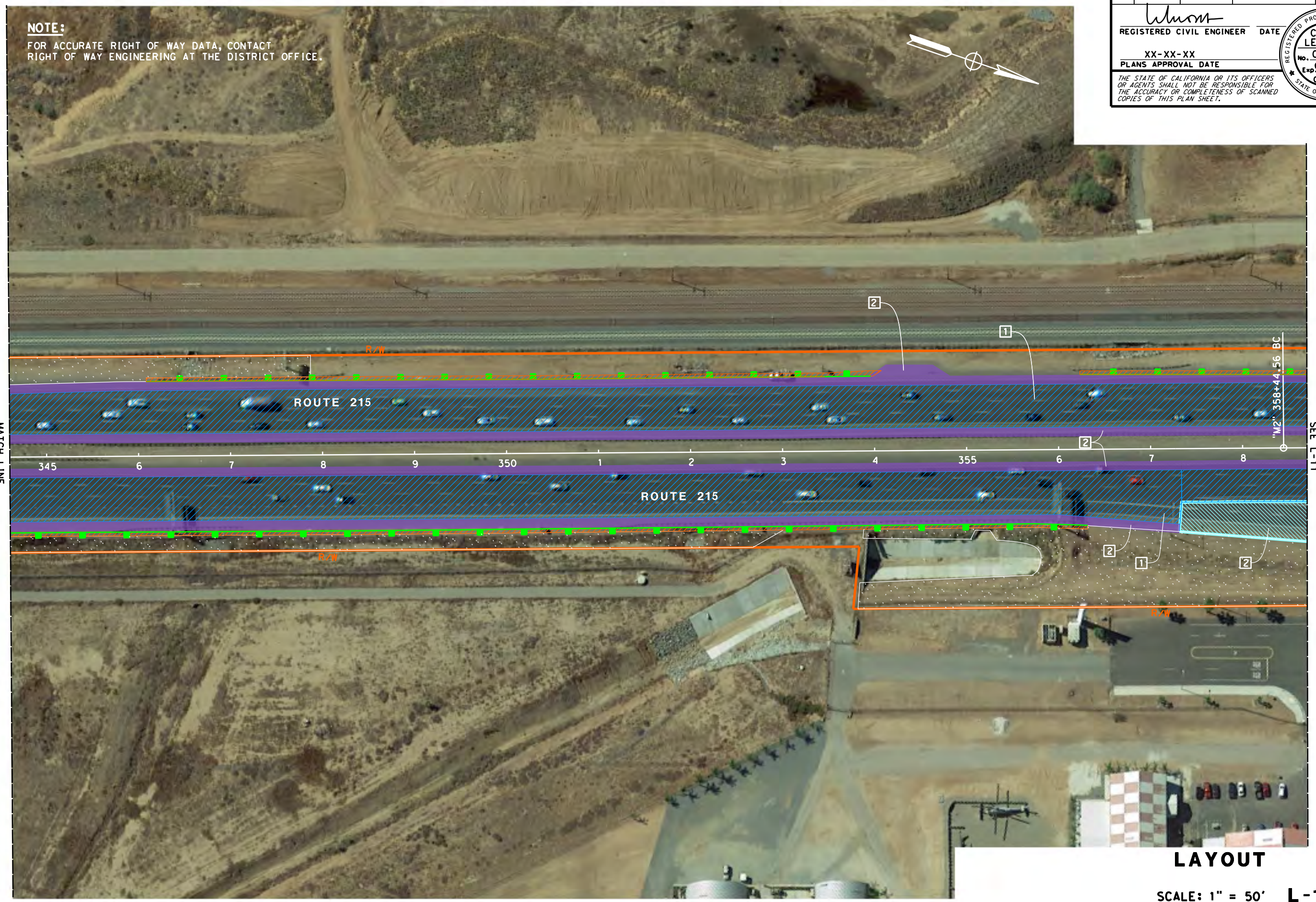
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 XX-XX-XX
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REGISTERED PROFESSIONAL ENGINEER
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 Exp. 6-30-24
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MATCH LINE
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MATCH LINE
 SEE L-11



LAYOUT
 SCALE: 1" = 50' L-10

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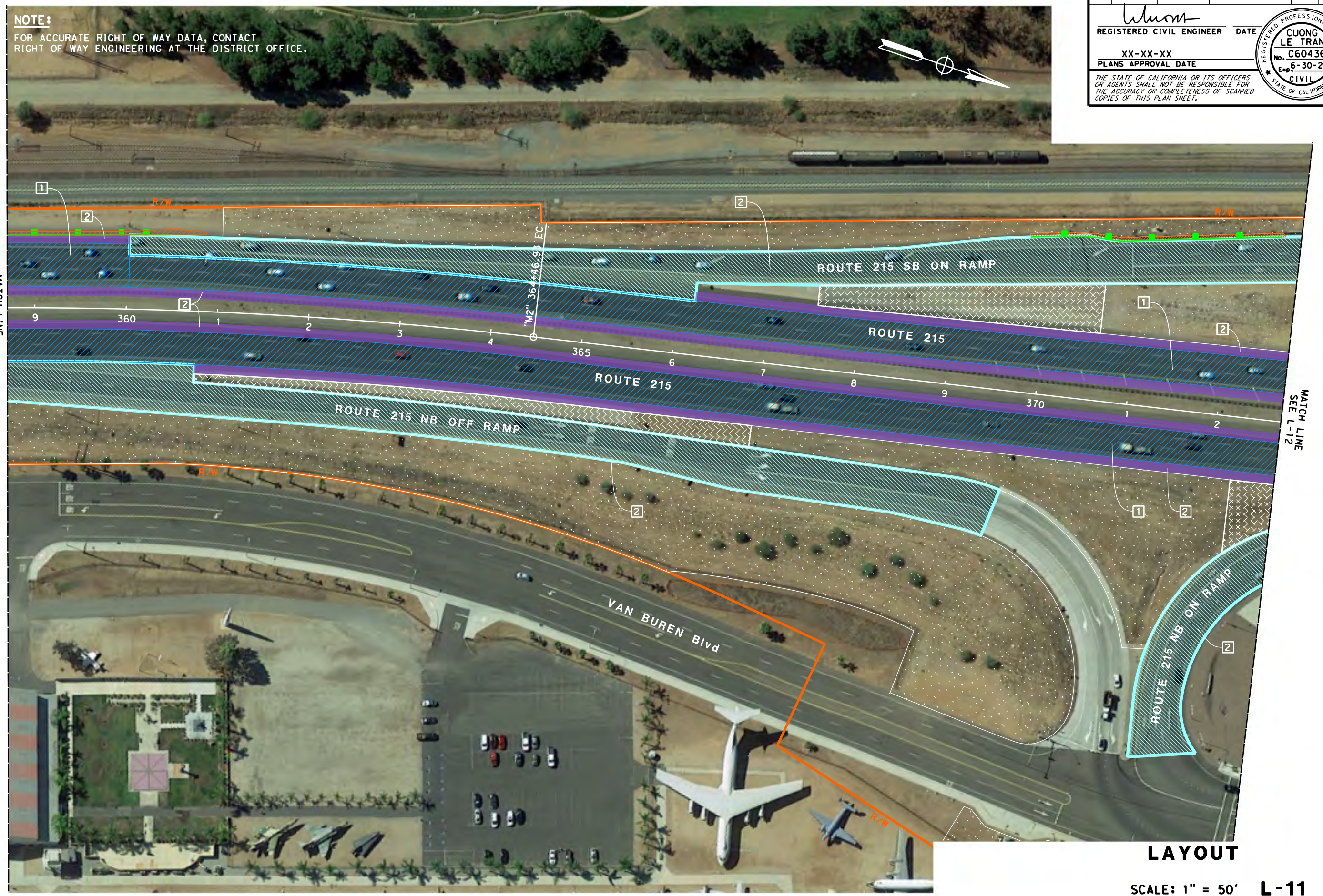
FUNCTIONAL SUPERVISOR
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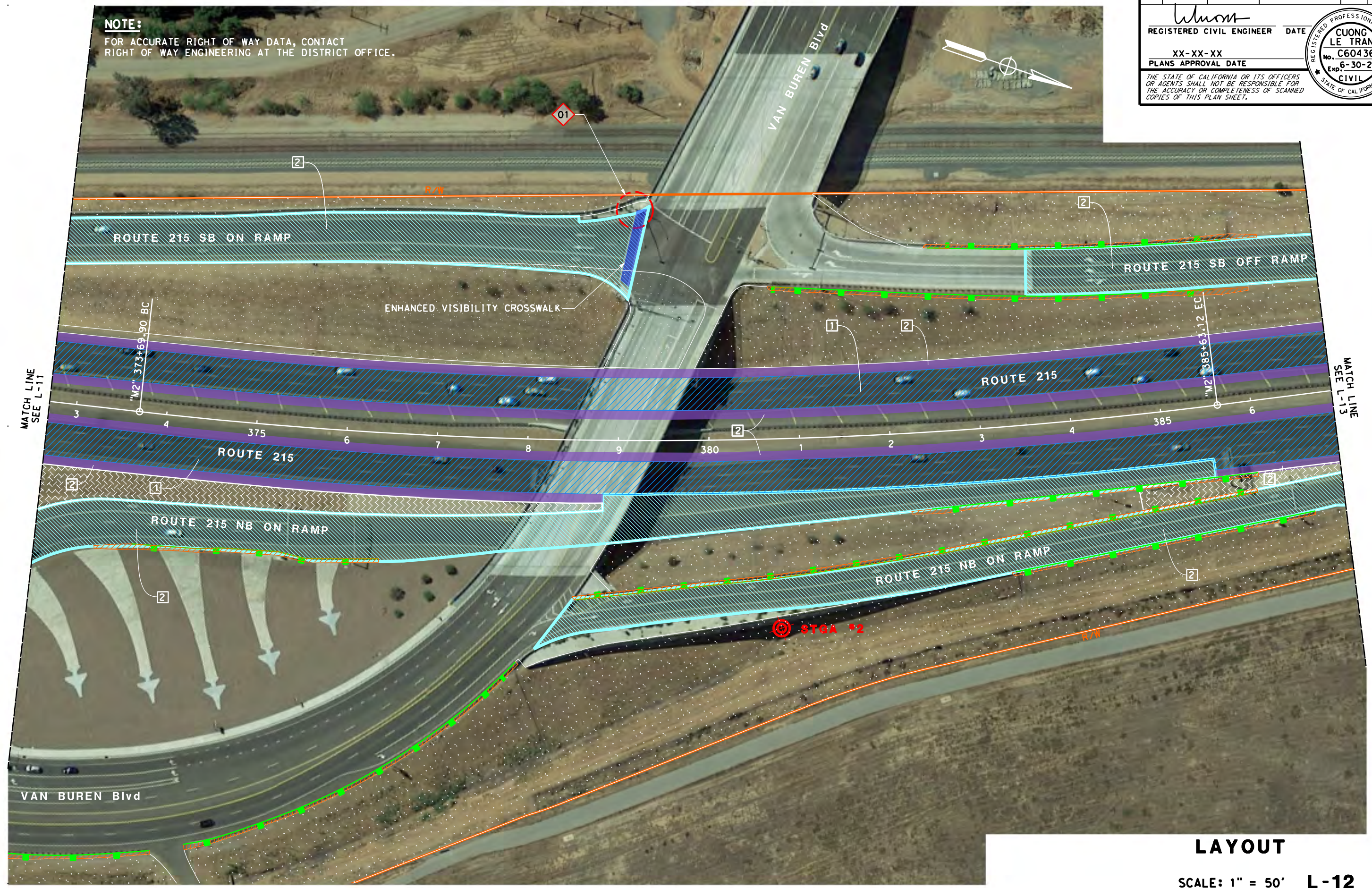
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LAYOUT
 SCALE: 1" = 50' **L-11**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
CUONG LE TRAN	No. C60436	XX-XX-XX
	Exp. 6-30-24	PLANS APPROVAL DATE
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LAYOUT
SCALE: 1" = 50' **L-12**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED/DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

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USERNAME => \$USER
DCN FILE => \$REQUEST

RELATIVE BORDER SCALE IS IN INCHES

UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION DATE PLOTTED => \$DATE
00-00-00 TIME PLOTTED => \$TIME

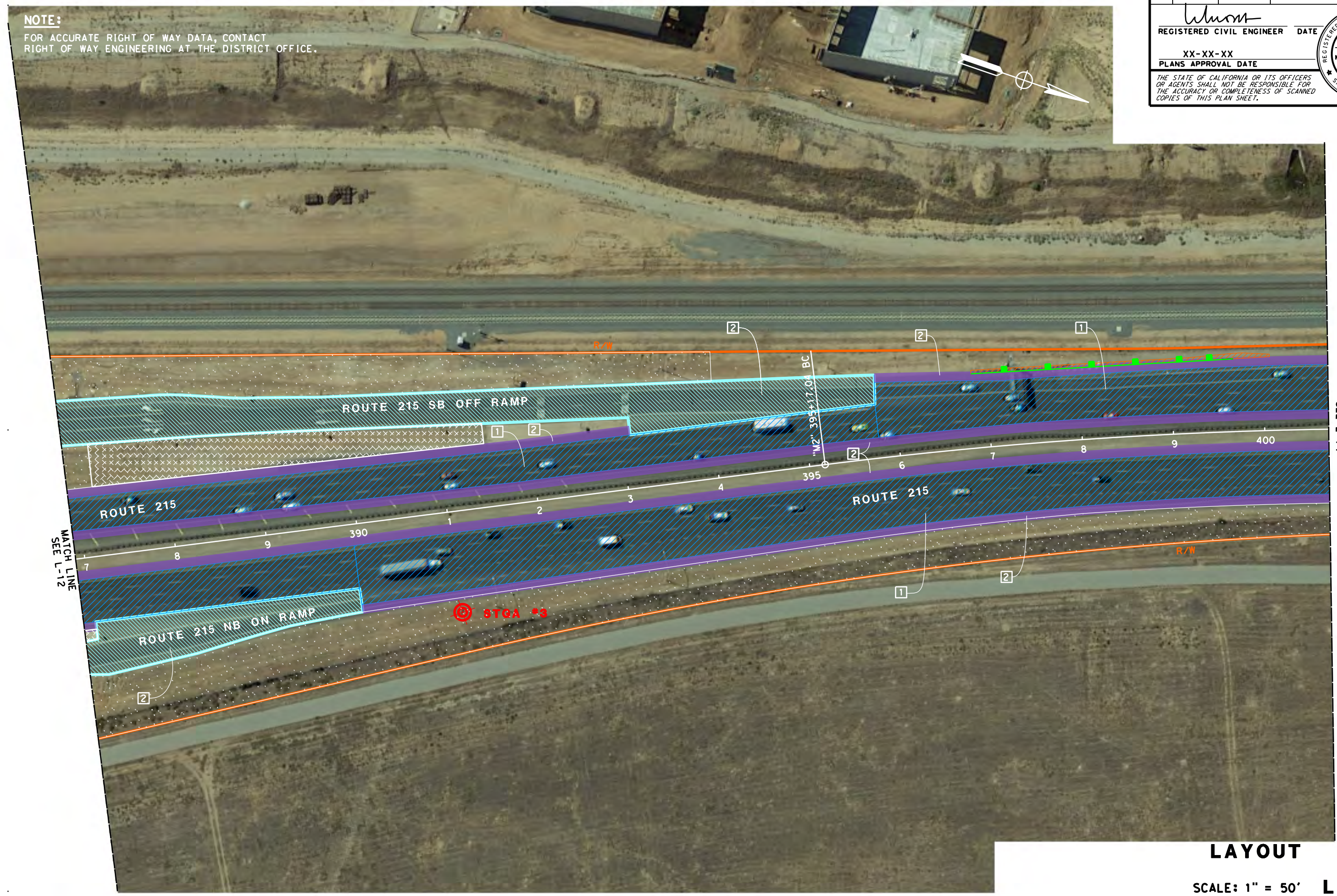
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	DATE
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No. C60436	
Exp. 6-30-24	
CIVIL	

PLANS APPROVAL DATE XX-XX-XX

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LAYOUT
SCALE: 1" = 50' **L-13**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
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PROJECT NUMBER & PHASE

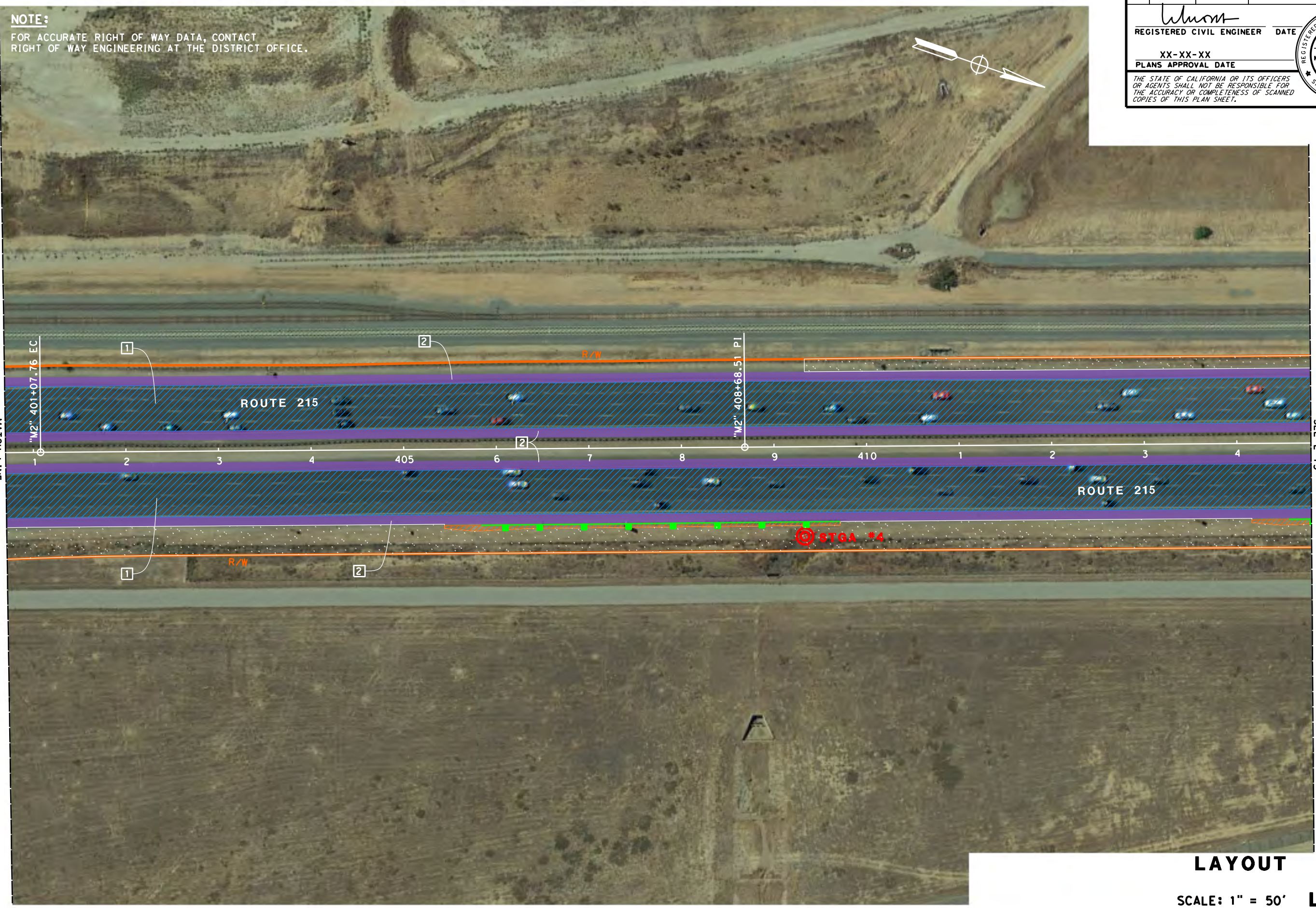
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wuon</i>	REGISTERED CIVIL ENGINEER	DATE
CUONG LE TRAN	No. C60436	XX-XX-XX
	Exp. 6-30-24	PLANS APPROVAL DATE
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LAYOUT
SCALE: 1" = 50' **L-14**

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USERNAME => #USER
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UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION: DATE PLOTTED => \$DATE
00-00-00 TIME PLOTTED => \$TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
CUONG LE TRAN	No. C60436	XX-XX-XX
	Exp. 6-30-24	PLANS APPROVAL DATE
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

NOTE:
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LAYOUT
SCALE: 1" = 50' **L-15**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

LAST REVISION DATE PLOTTED => #DATE 00-00-00 TIME PLOTTED => \$TIME

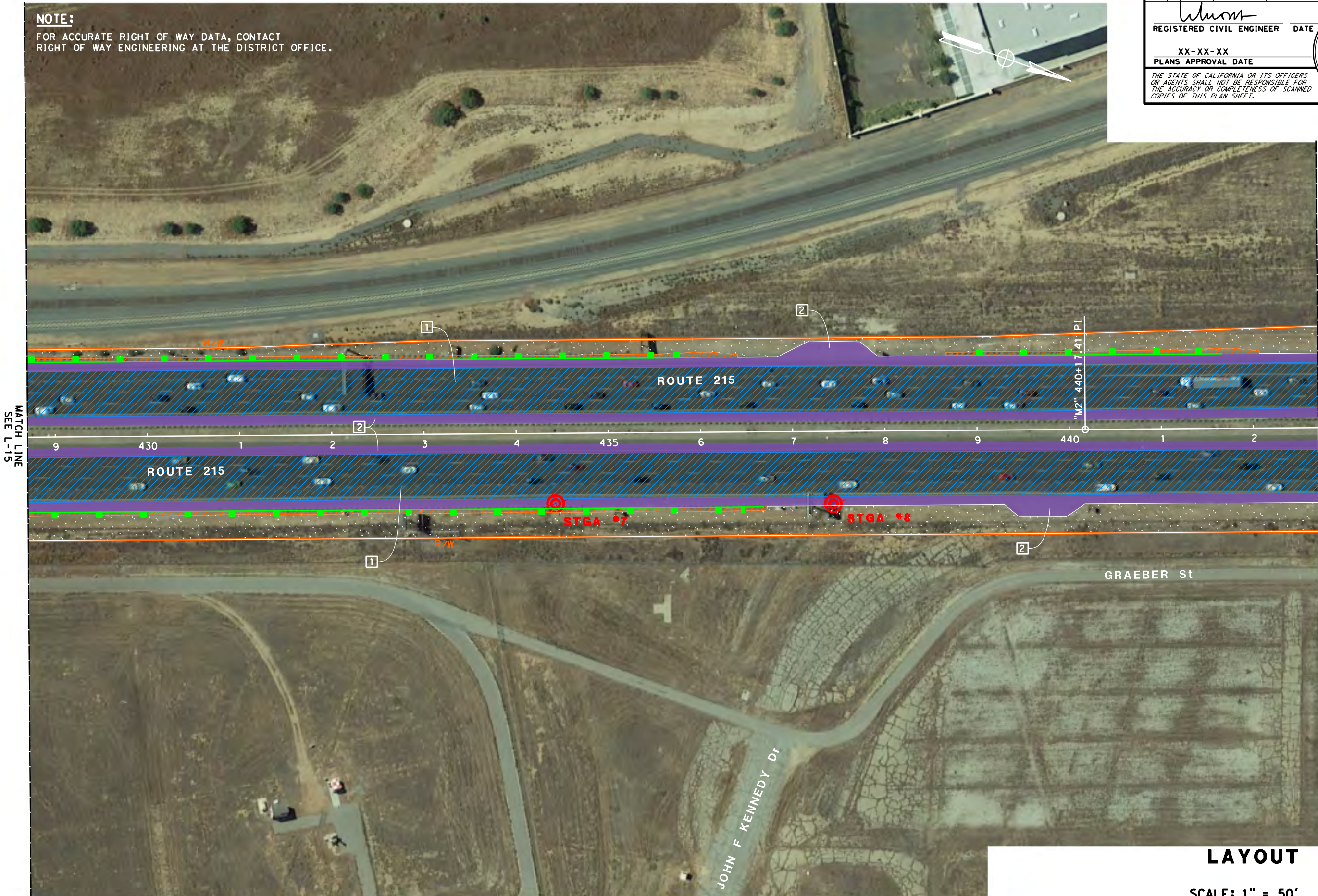
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
	CUONG LE TRAN	
	No. C60436	
	Exp. 6-30-24	
	CIVIL	

PLANS APPROVAL DATE: XX-XX-XX

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LAYOUT
SCALE: 1" = 50' **L-16**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => #USER
DCN FILE => #REQUEST



UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION | DATE PLOTTED => \$DATE
00-00-00 | TIME PLOTTED => \$TIME

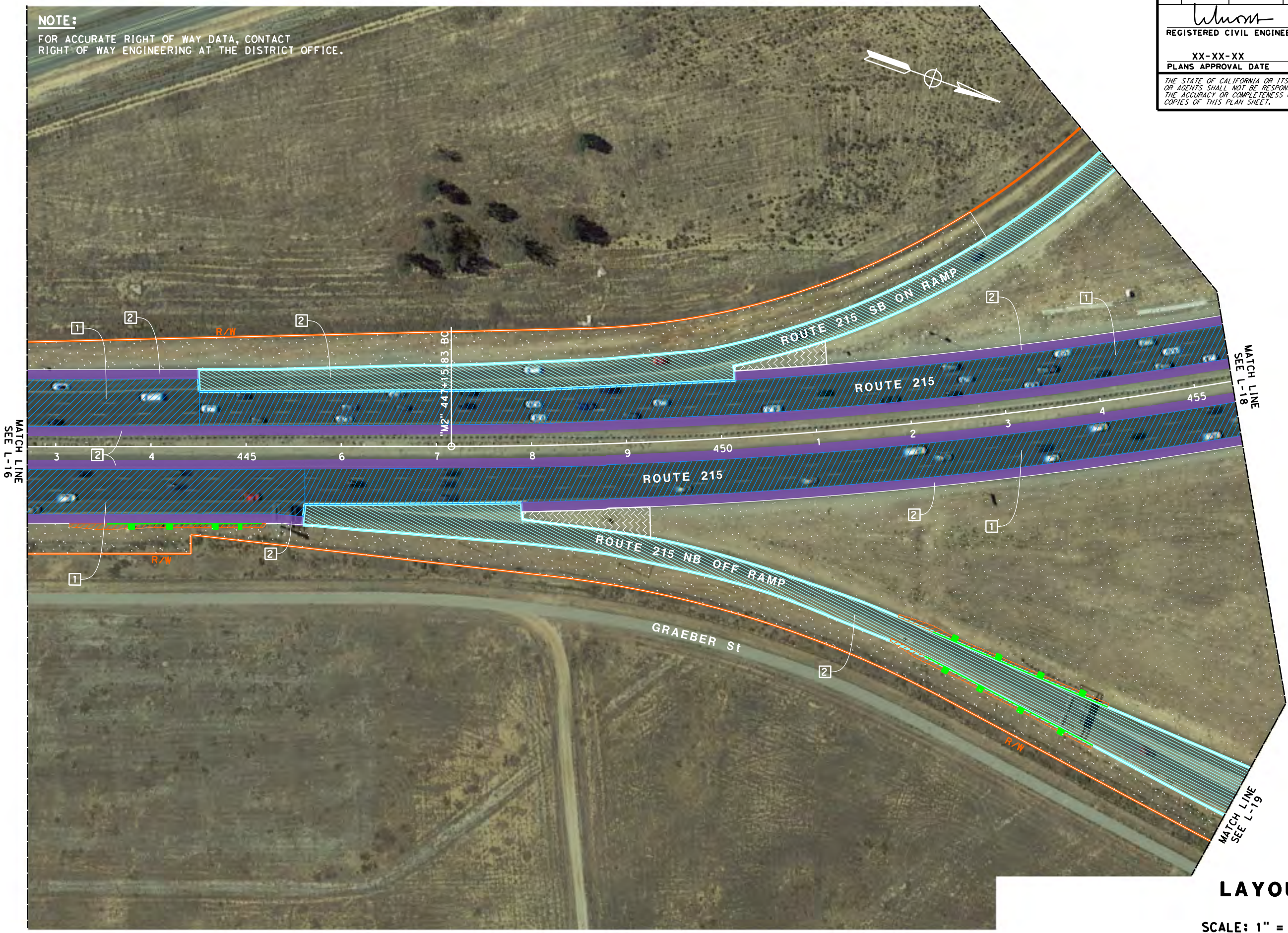
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
	CUONG LE TRAN	
	No. C60436	
	Exp. 6-30-24	
	CIVIL	

PLANS APPROVAL DATE: XX-XX-XX

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LAYOUT
SCALE: 1" = 50' **L-17**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => #USER
DCN FILE => #REQUEST

RELATIVE BORDER SCALE IS IN INCHES

UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION: DATE PLOTTED => \$DATE
00-00-00 TIME PLOTTED => \$TIME

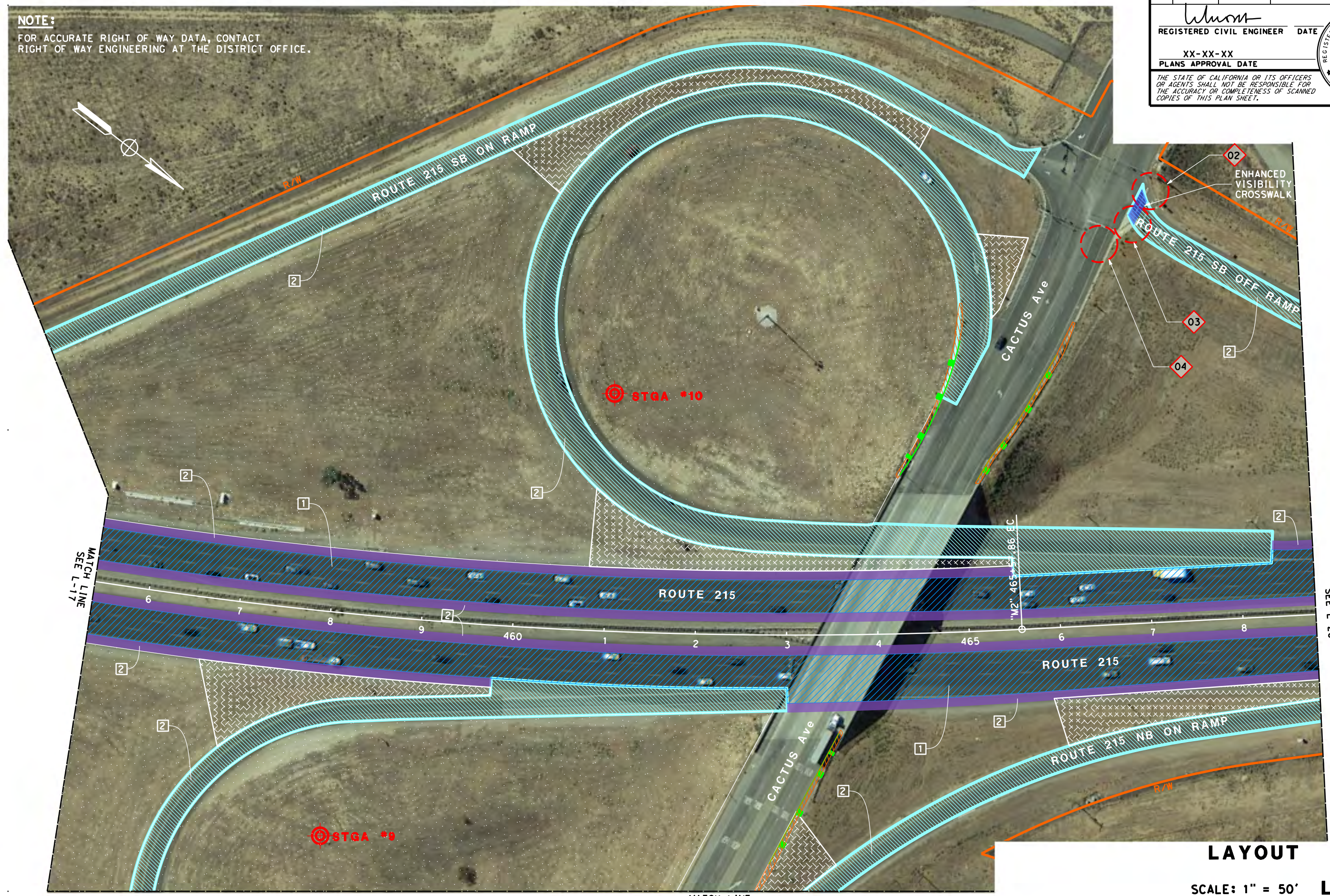
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Whom</i>	
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
CUONG LE TRAN
No. C60436
Exp. 6-30-24
CIVIL
STATE OF CALIFORNIA

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FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => \$USER
DCN FILE => \$REQUEST

RELATIVE BORDER SCALE IS IN INCHES

UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION DATE PLOTTED => \$DATE
00-00-00 TIME PLOTTED => \$TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDTRANS
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

REGISTERED CIVIL ENGINEER DATE
 XX-XX-XX
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



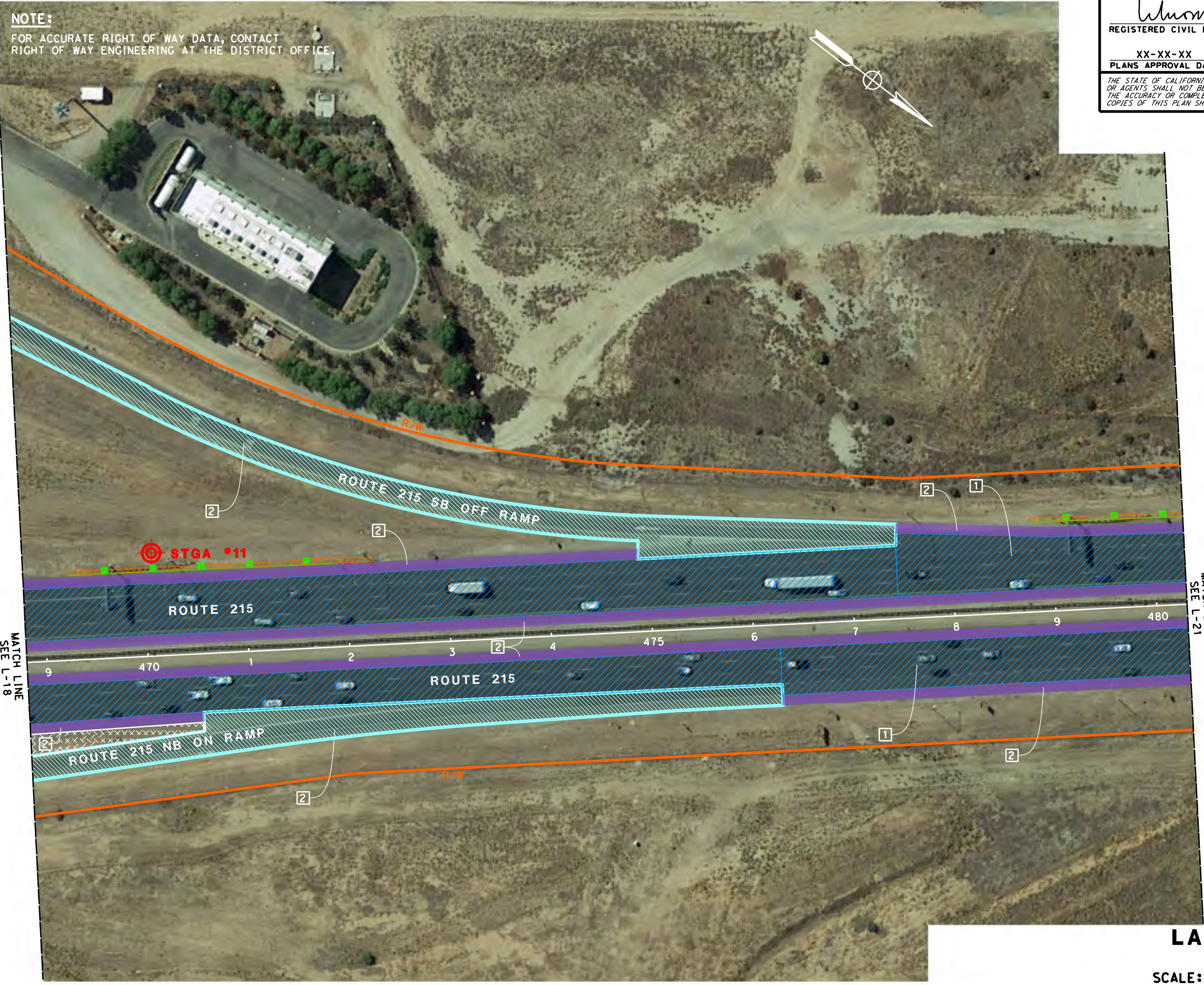
LAYOUT
 SCALE: 1" = 50' L-19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
		XX-XX-XX
	PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
CUONG LE TRAN
No. C60436
Exp. 6-30-24
CIVIL
STATE OF CALIFORNIA

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
	CDTRANS	CRISTINA GAYTAN	CHECKED BY	ANNABELL WANG
BORDER LAST REVISED 7/2/2010				CUONG TRAN
USERNAME => \$USER				DATE REVISED
DCN FILE => \$REQUEST				

LAYOUT
SCALE: 1" = 50' **L-20**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

Wang
 REGISTERED CIVIL ENGINEER DATE
 XX-XX-XX
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

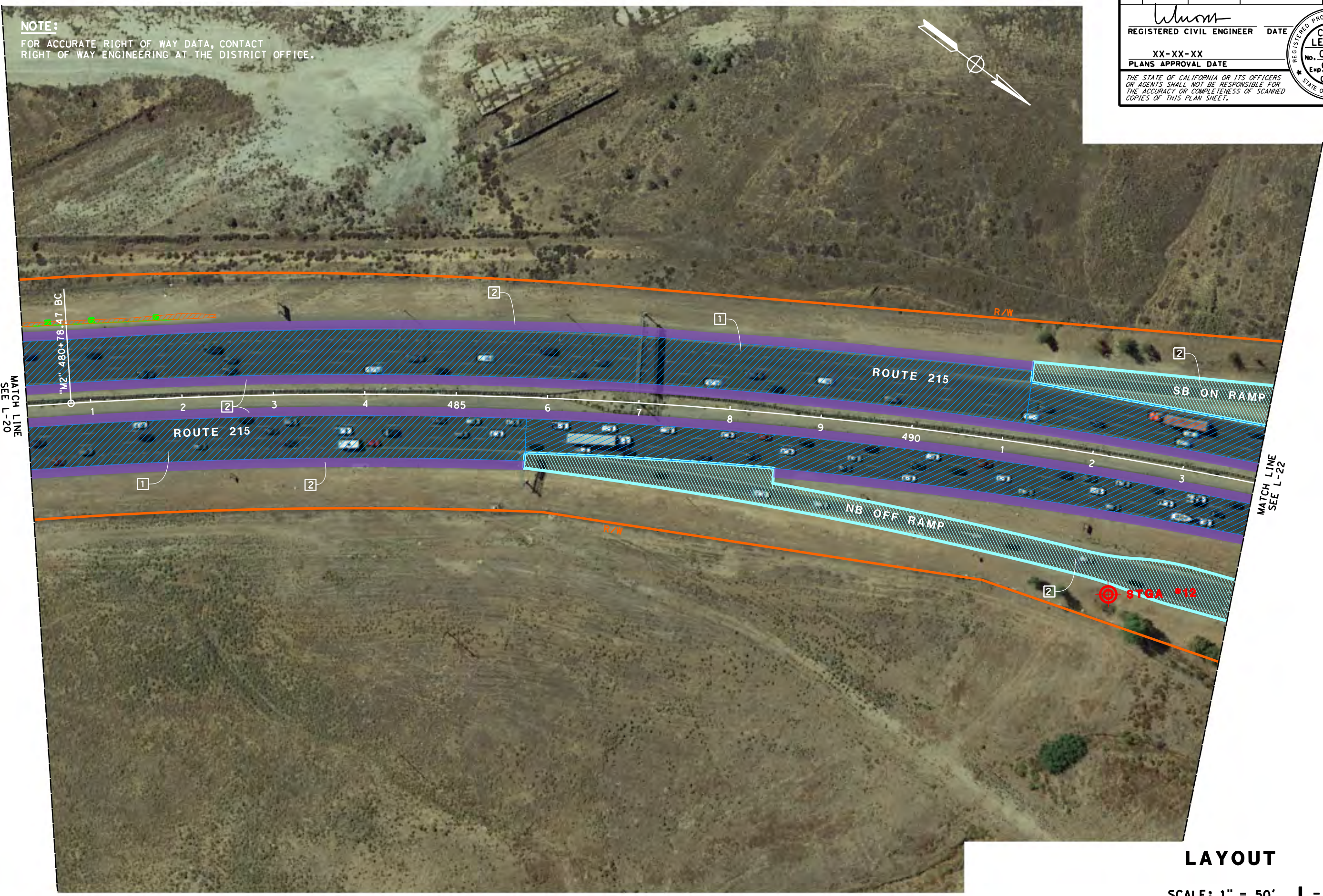
REGISTERED PROFESSIONAL ENGINEER
CUONG LE TRAN
No. C60436
Exp. 6-30-24
CIVIL
STATE OF CALIFORNIA

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDTRANS
DESIGN
FUNCTIONAL SUPERVISOR
CRISTINA GAYTAN
CALCULATED-DESIGNED BY
ANNABELL WANG
CHECKED BY
CUONG TRAN
REVISED BY
DATE REVISED



LAYOUT
 SCALE: 1" = 50' **L-21**

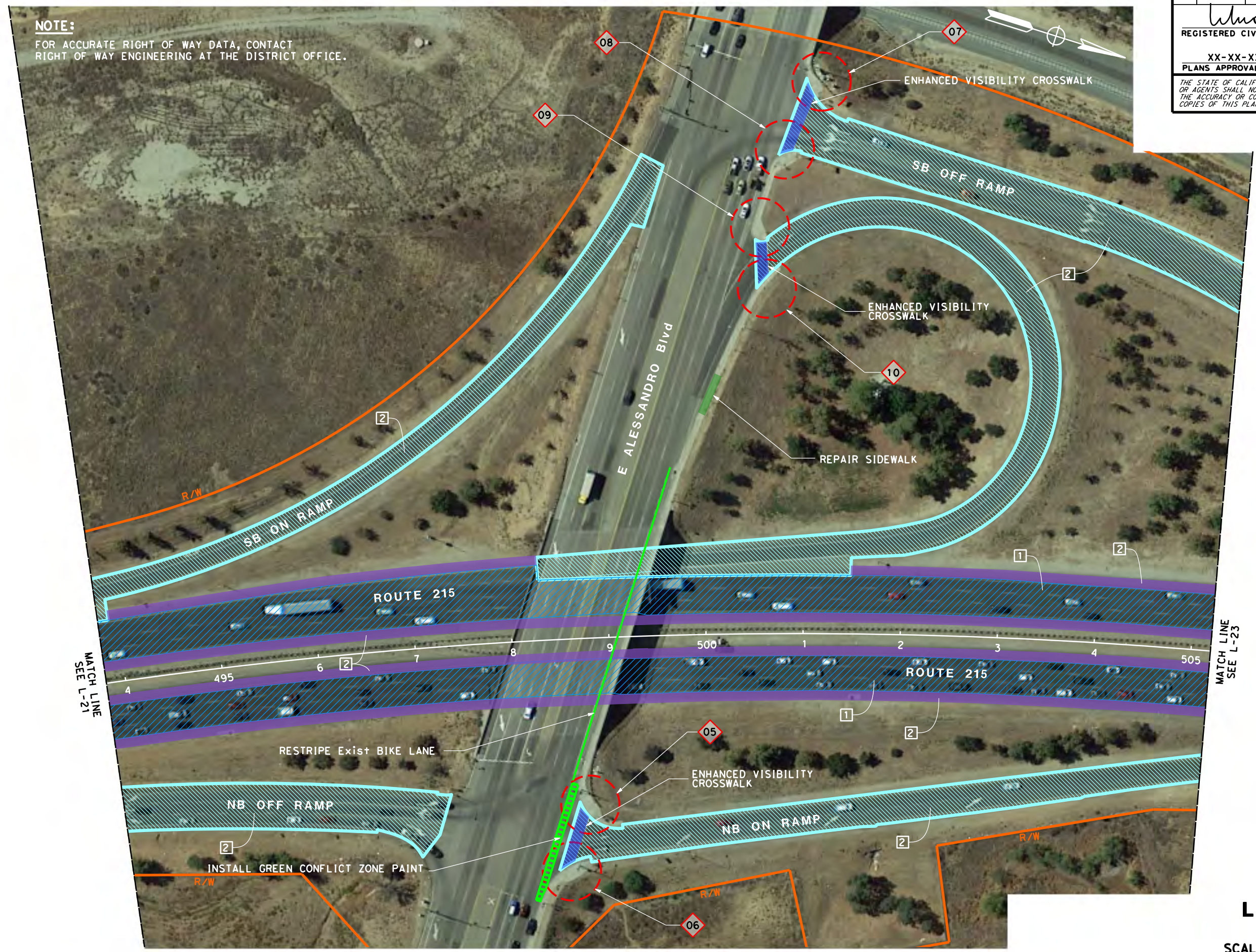
LAST REVISION
 DATE PLOTTED => \$DATE
 00-00-00
 TIME PLOTTED => \$TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Whom</i>	
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	
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CUONG LE TRAN
 No. **C60436**
 Exp. **6-30-24**
CIVIL
 STATE OF CALIFORNIA

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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



LAYOUT
 SCALE: 1" = 50' **L-22**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN	CALCULATED-DESIGNED BY	CHECKED BY	ANNABELL WANG	REVISOR BY	CUONG TRAN	DATE REVISOR

USERNAME => \$USER
 DGN FILE => \$REQUEST



UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION DATE PLOTTED => \$DATE
 00-00-00 TIME PLOTTED => \$TIME

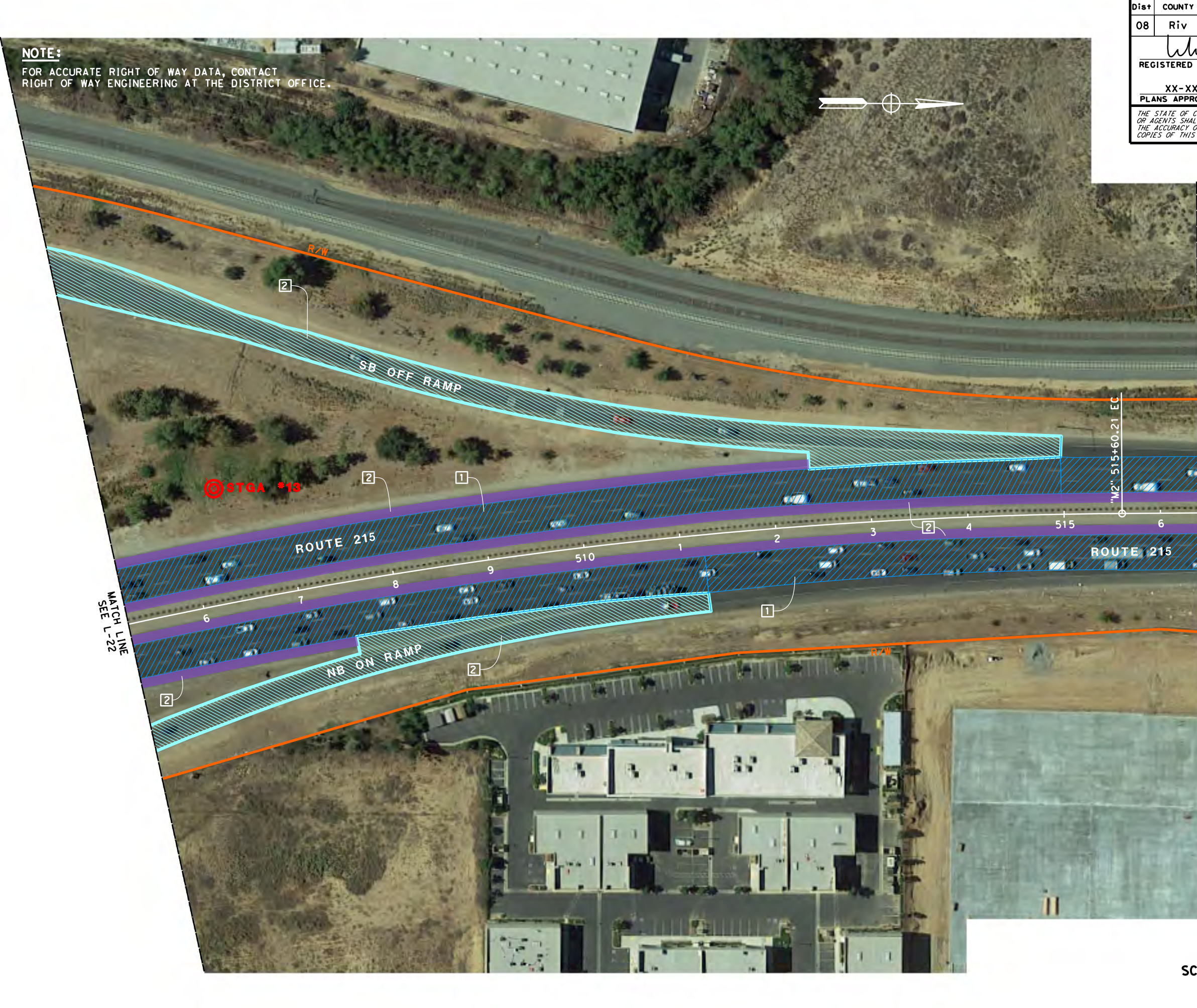
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 DATE
 XX-XX-XX
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

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LAYOUT
 SCALE: 1" = 50' L-23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDTRANS
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
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 CUONG TRAN

REVISED BY
 DATE REVISED

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER DATE
 XX-XX-XX
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
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MATCH LINE
 SEE L-23

MATCH LINE
 SEE L-25

LAYOUT
 SCALE: 1" = 50' **L-24**

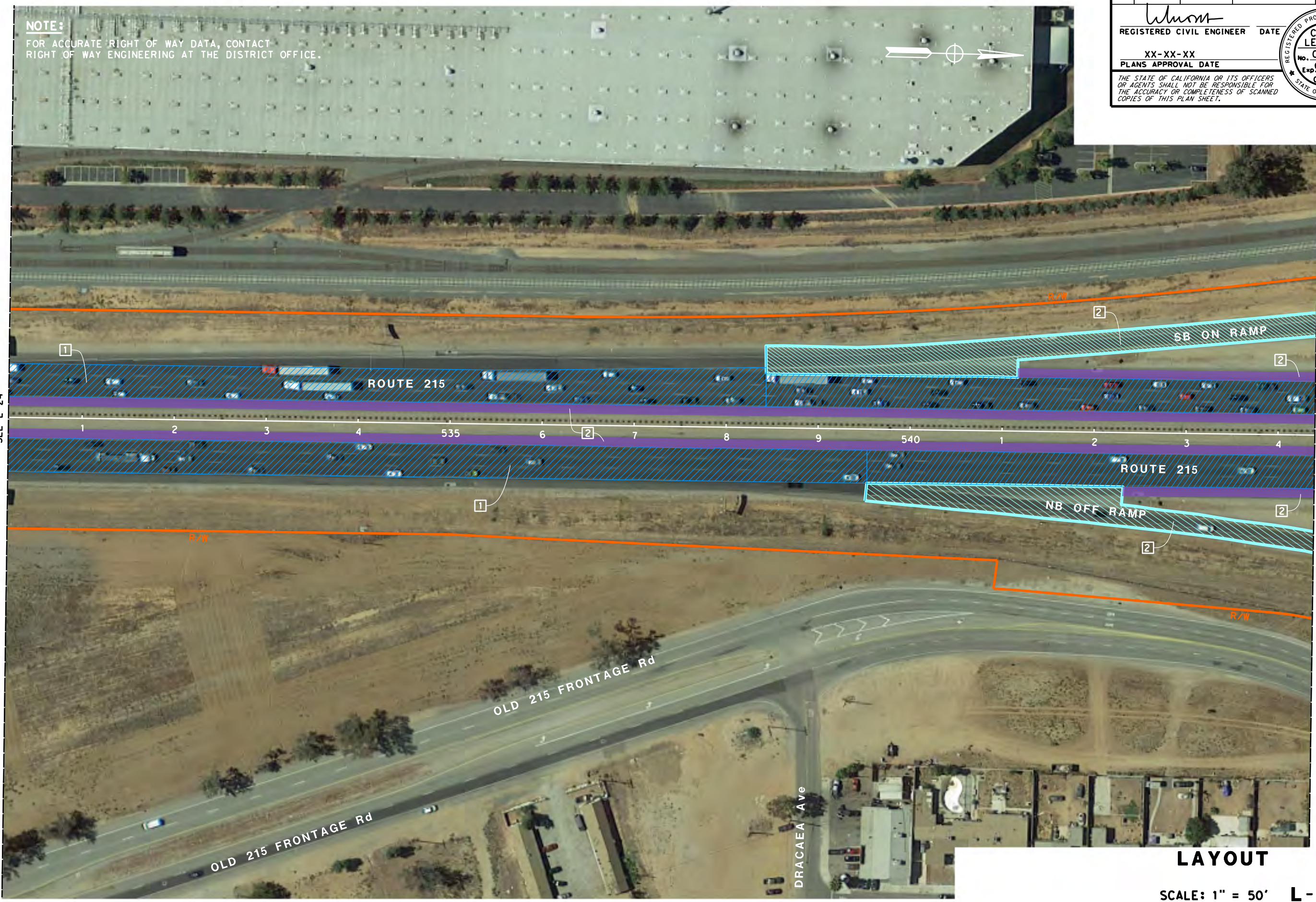
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	DATE
REGISTERED CIVIL ENGINEER	
XX-XX-XX	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
CUONG LE TRAN
No. C60436
Exp. 6-30-24
CIVIL
STATE OF CALIFORNIA

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MATCH LINE
SEE L-24

MATCH LINE
SEE L-26

LAYOUT
SCALE: 1" = 50' **L-25**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => #USER
DCN FILE => #REQUEST



UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION: DATE PLOTTED => \$DATE
00-00-00 TIME PLOTTED => \$TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDTRANS
 DESIGN

FUNCTIONAL SUPERVISOR: CRISTINA GAYTAN
 CALCULATED/DESIGNED BY: ANNABELL WANG
 CHECKED BY: CUONG TRAN
 REVISED BY: []
 DATE REVISED: []

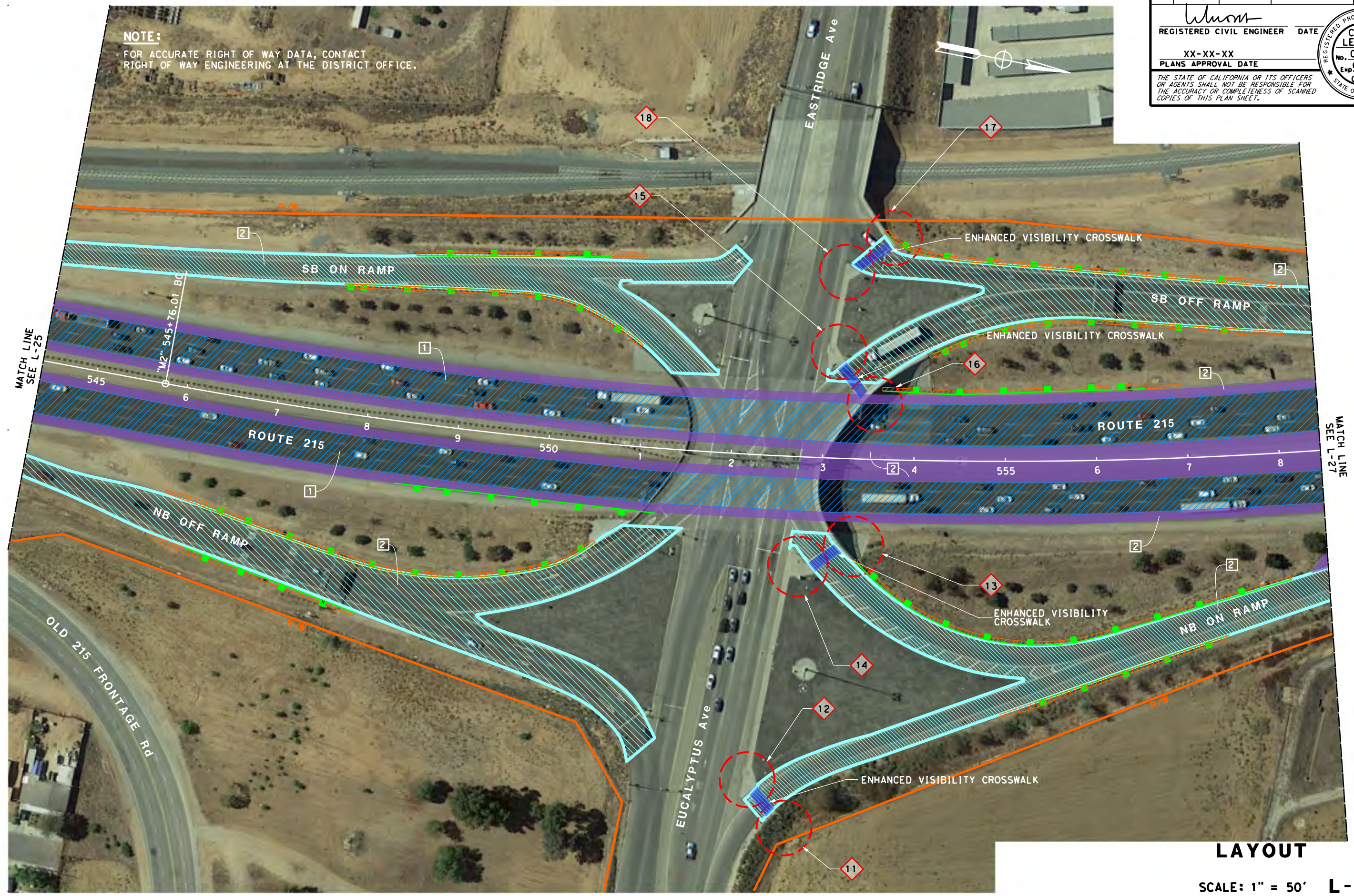
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE: XX-XX-XX

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LAYOUT
 SCALE: 1" = 50' **L-26**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.	

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CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



LAYOUT
SCALE: 1" = 50' **L-27**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDOTrans
 DESIGN

FUNCTIONAL SUPERVISOR
CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED

REVISIONS

USERNAME => #USER
 DGN FILE => #REQUEST

RELATIVE BORDER SCALE IS IN INCHES
 0 1 2 3

UNIT 2234

PROJECT NUMBER & PHASE

08190001581

LAST REVISION DATE PLOTTED => \$DATE
 00-00-00 TIME PLOTTED => \$TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDOT
 DESIGN

FUNCTIONAL SUPERVISOR: CRISTINA GAYTAN
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 ANNABELL WANG
 CUONG TRAN
 REVISED BY: [blank]
 DATE REVISED: [blank]



NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER: CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA
 REGISTERED PROFESSIONAL ENGINEER
 PLANS APPROVAL DATE: XX-XX-XX

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

MATCH LINE
 SEE L-27

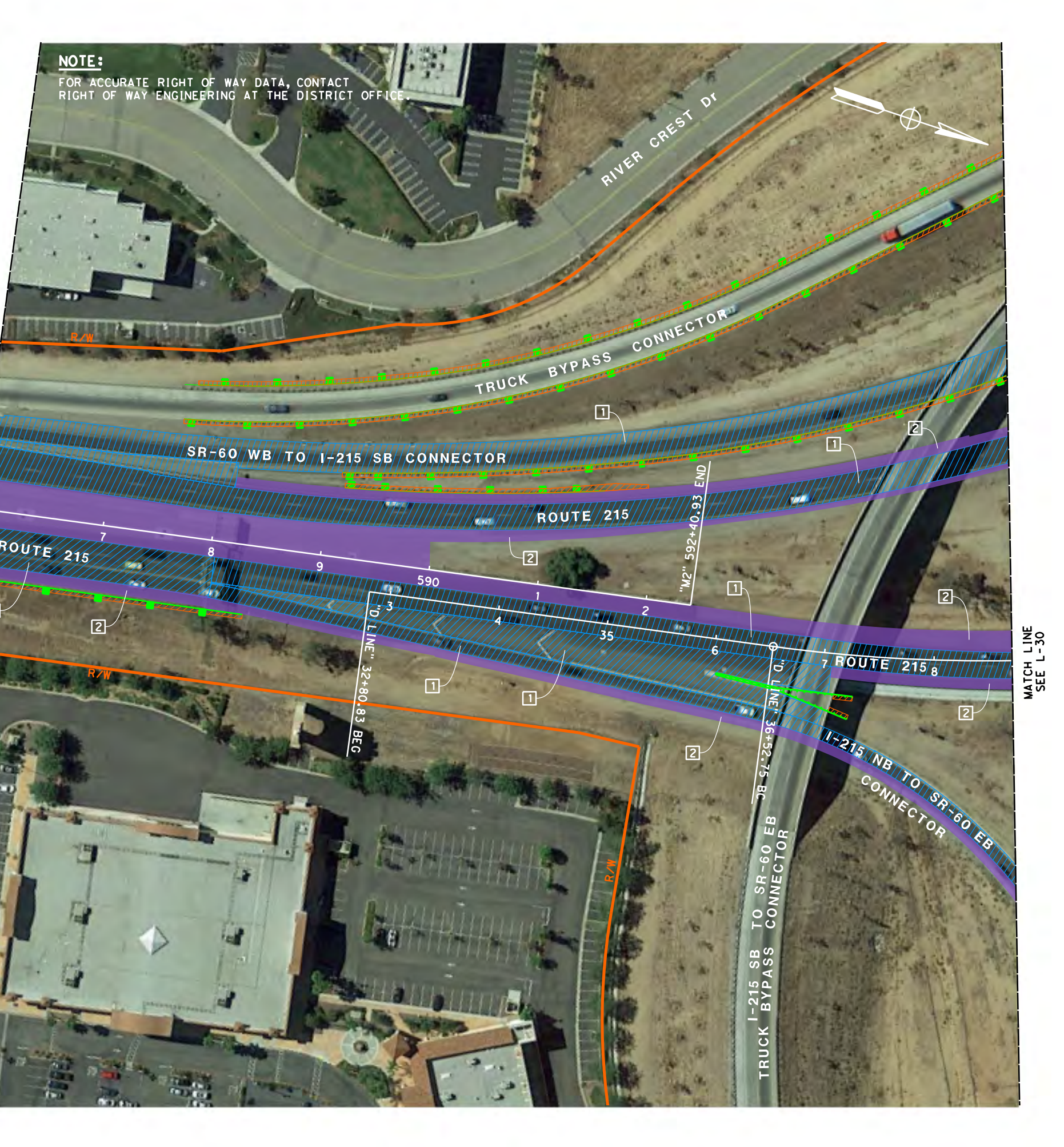
MATCH LINE
 SEE L-29

LAYOUT
 SCALE: 1" = 50' **L-28**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: CRISTINA GAYTAN
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 ANNABELL WANG
 CUONG TRAN
 REVISED BY: [blank]
 DATE REVISED: [blank]

BORDER LAST REVISED 7/2/2010
 USERNAME => \$USER
 DGN FILE => \$REQUEST



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

REGISTERED CIVIL ENGINEER DATE
 XX-XX-XX
 PLANS APPROVAL DATE

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LAYOUT
 SCALE: 1" = 50' L-29

LAST REVISION DATE PLOTTED => \$DATE
 00-00-00 TIME PLOTTED => \$TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

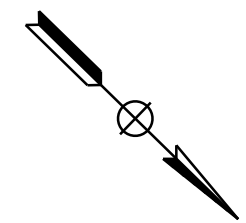
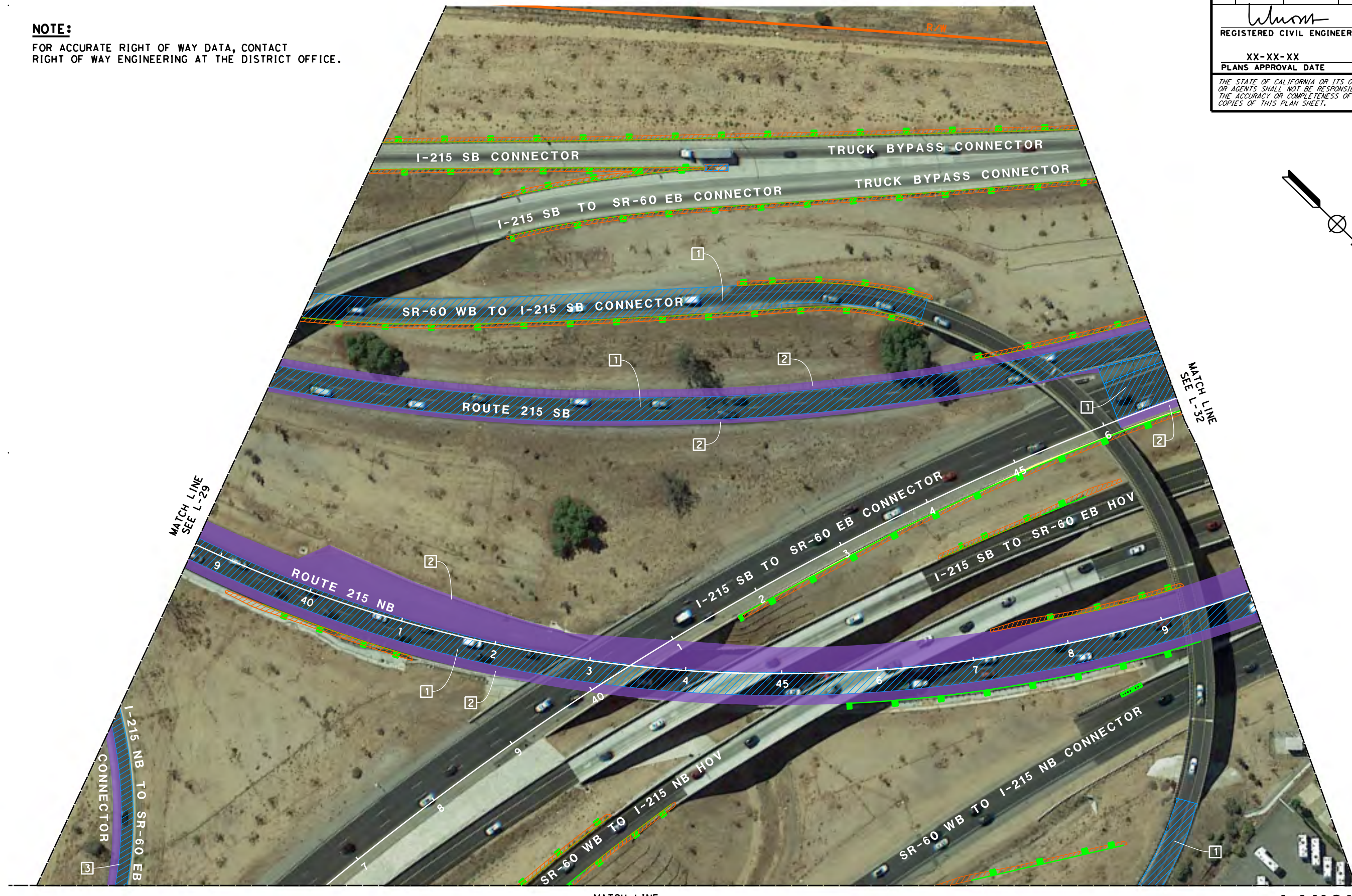
<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
CUONG LE TRAN	No. C60436	Exp. 6-30-24
CIVIL	STATE OF CALIFORNIA	

PLANS APPROVAL DATE: XX-XX-XX

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED



LAYOUT
SCALE: 1" = 50' **L-30**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

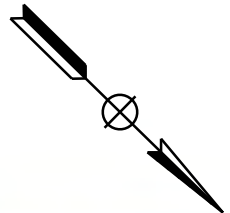
ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 DATE XX-XX-XX
 PLANS APPROVAL DATE
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA



MATCH LINE
 SEE L-30



LAYOUT
 SCALE: 1" = 50' L-31

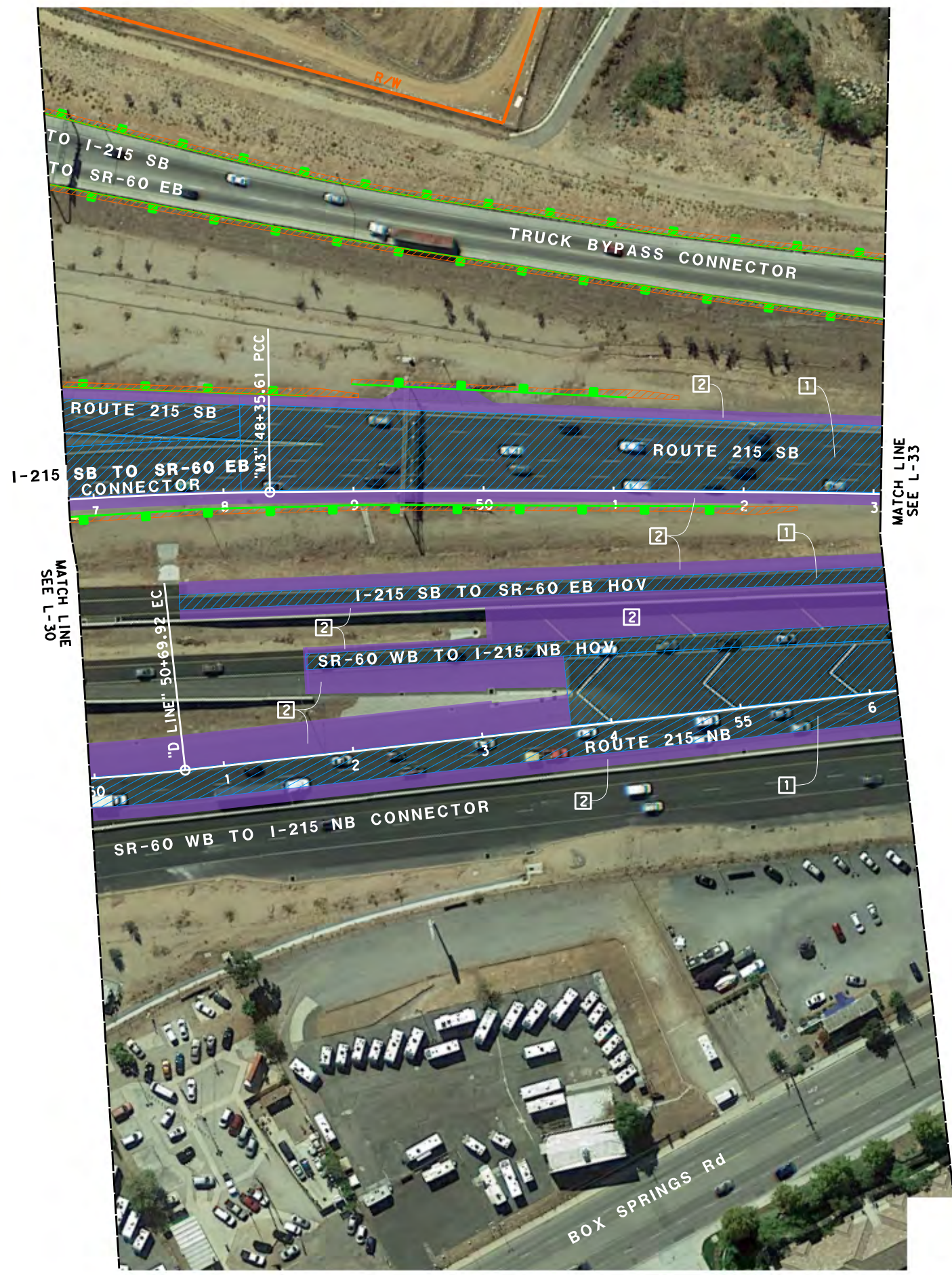
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
		XX-XX-XX
	PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
CUONG LE TRAN
No. C60436
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

LAYOUT
SCALE: 1" = 50' **L-32**

LAST REVISION DATE PLOTTED => 7/24/2023 TIME PLOTTED => 11:56:17 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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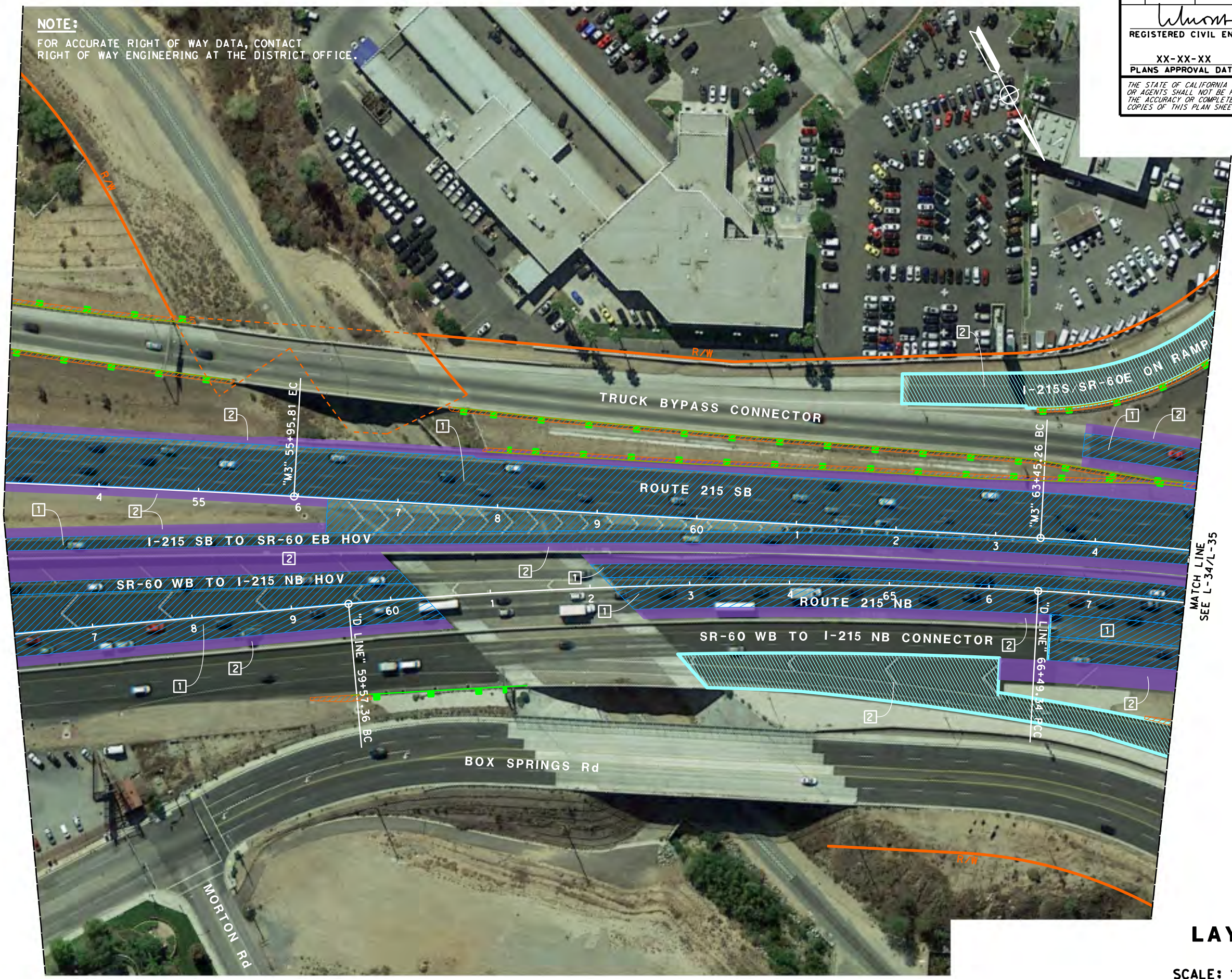
FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

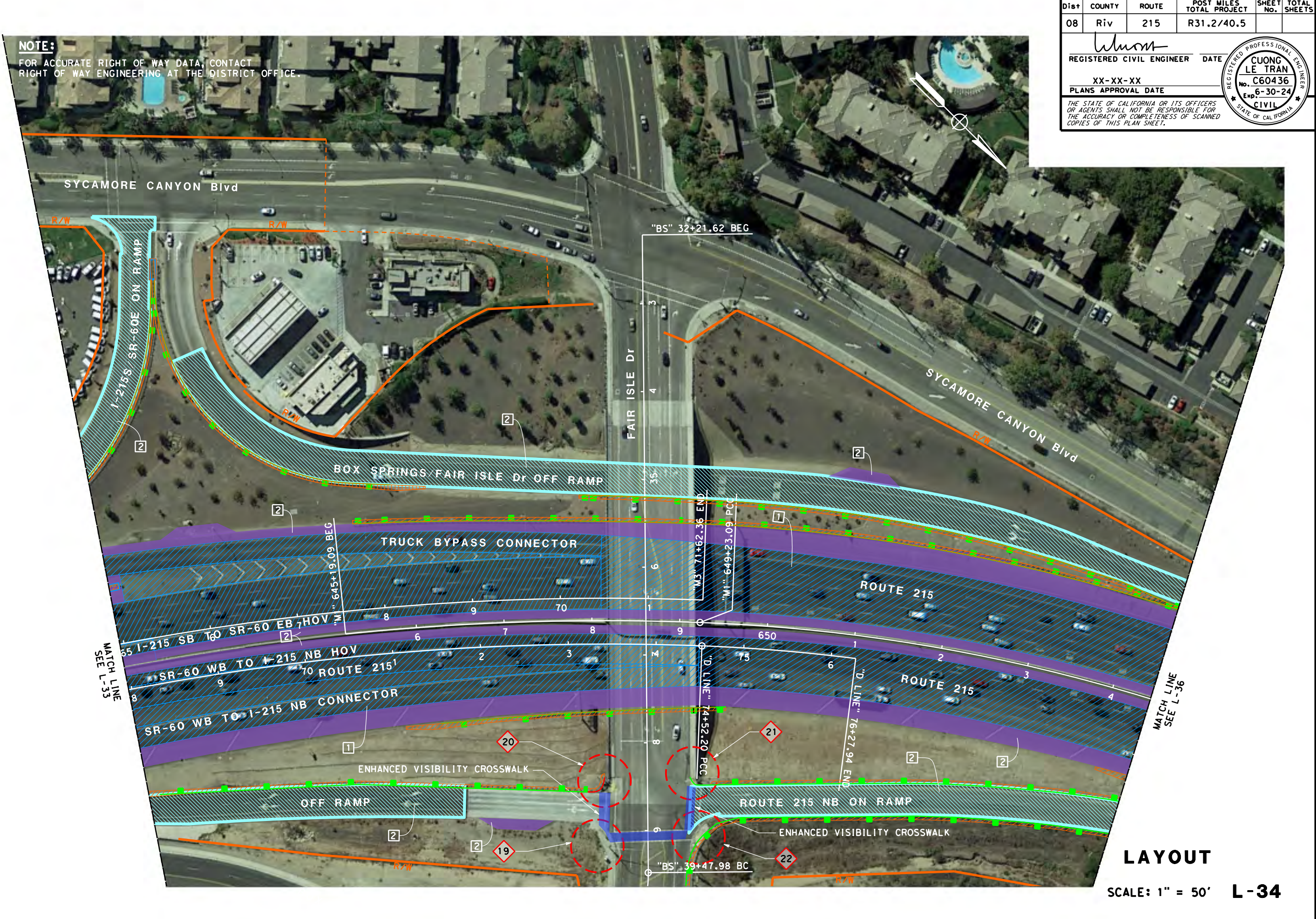
PLANS APPROVAL DATE
 XX-XX-XX

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LAYOUT
 SCALE: 1" = 50' **L-33**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDOT
 DESIGN

FUNCTIONAL SUPERVISOR: CRISTINA GAYTAN
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 REVISED BY: ANNABELL WANG
 DATE REVISED: [blank]
 CUONG TRAN



NOTE:
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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

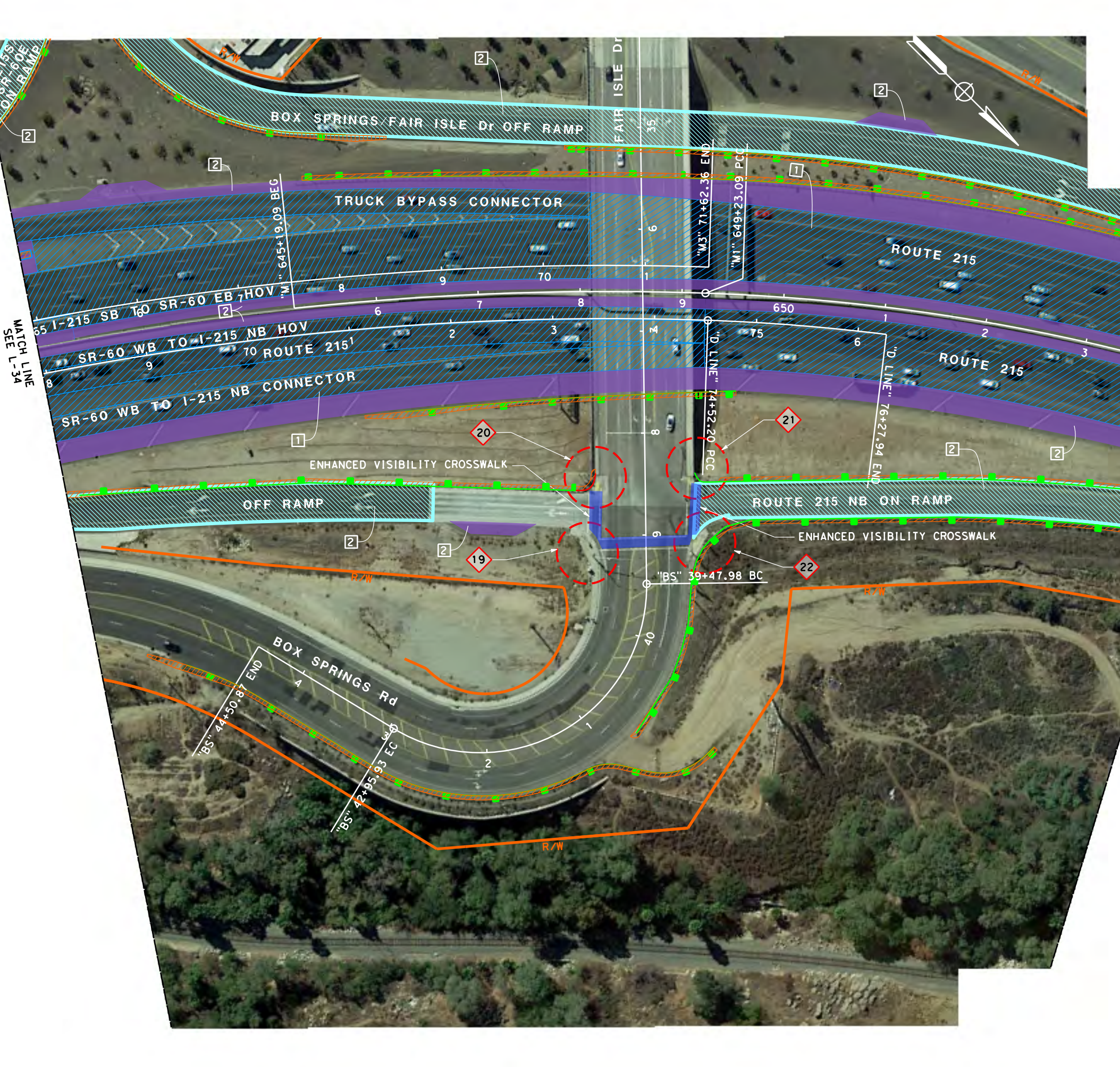
REGISTERED CIVIL ENGINEER
 DATE: XX-XX-XX
 PLANS APPROVAL DATE: XX-XX-XX

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LAYOUT
 SCALE: 1" = 50' **L-34**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDTRANS
 DESIGN

FUNCTIONAL SUPERVISOR: CRISTINA GAYTAN
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 ANNABELL WANG
 CUONG TRAN
 REVISED BY: [blank]
 DATE REVISED: [blank]



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE: XX-XX-XX

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LAYOUT
 SCALE: 1" = 50' **L-35**

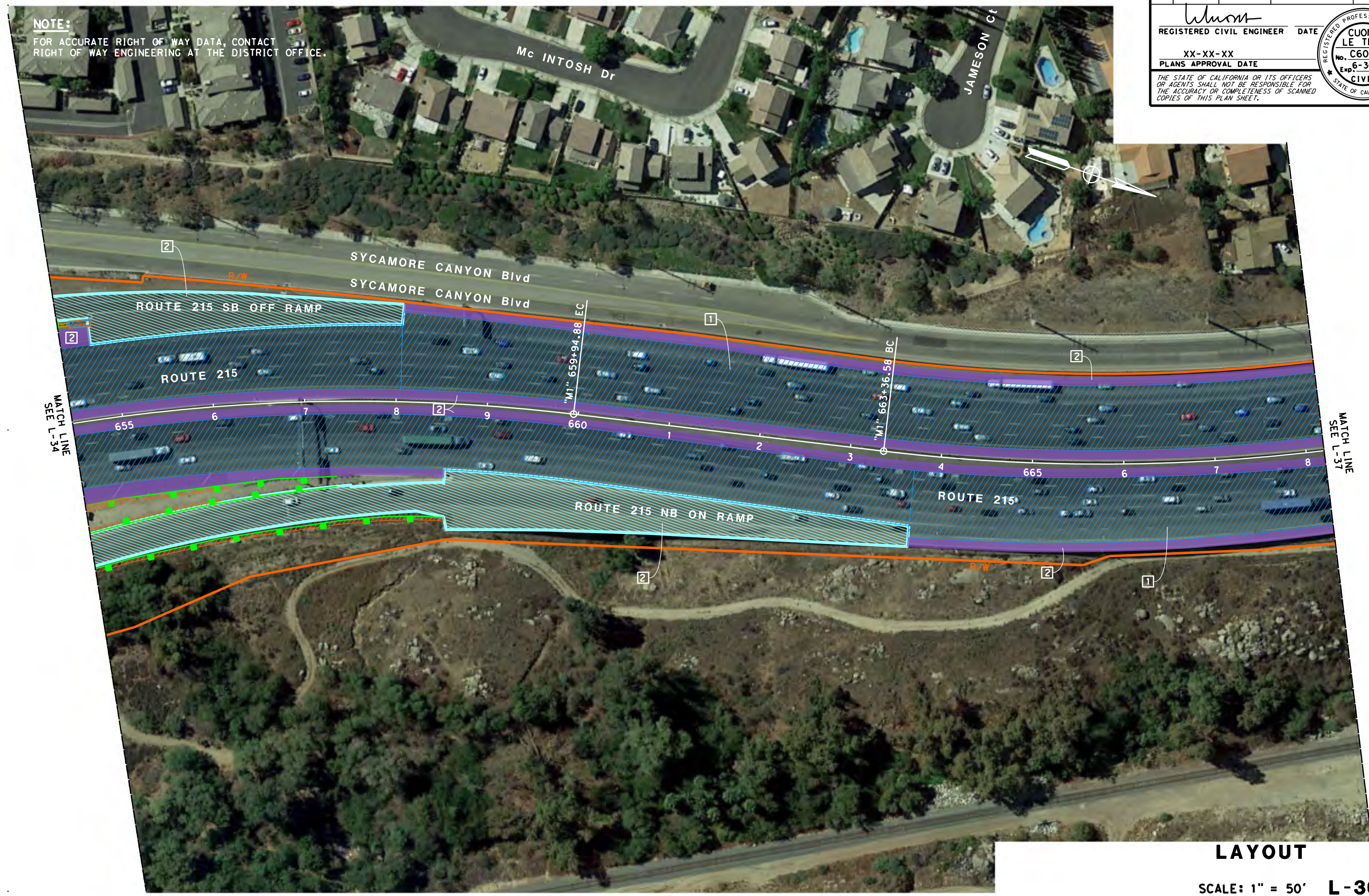
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED



LAYOUT
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

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REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
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LAYOUT
SCALE: 1" = 50' **L-37**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

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DCN FILE => \$REQUEST



UNIT 2234

PROJECT NUMBER & PHASE

08190001581

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDTRANS
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

ANNABELL WANG
 CUONG TRAN

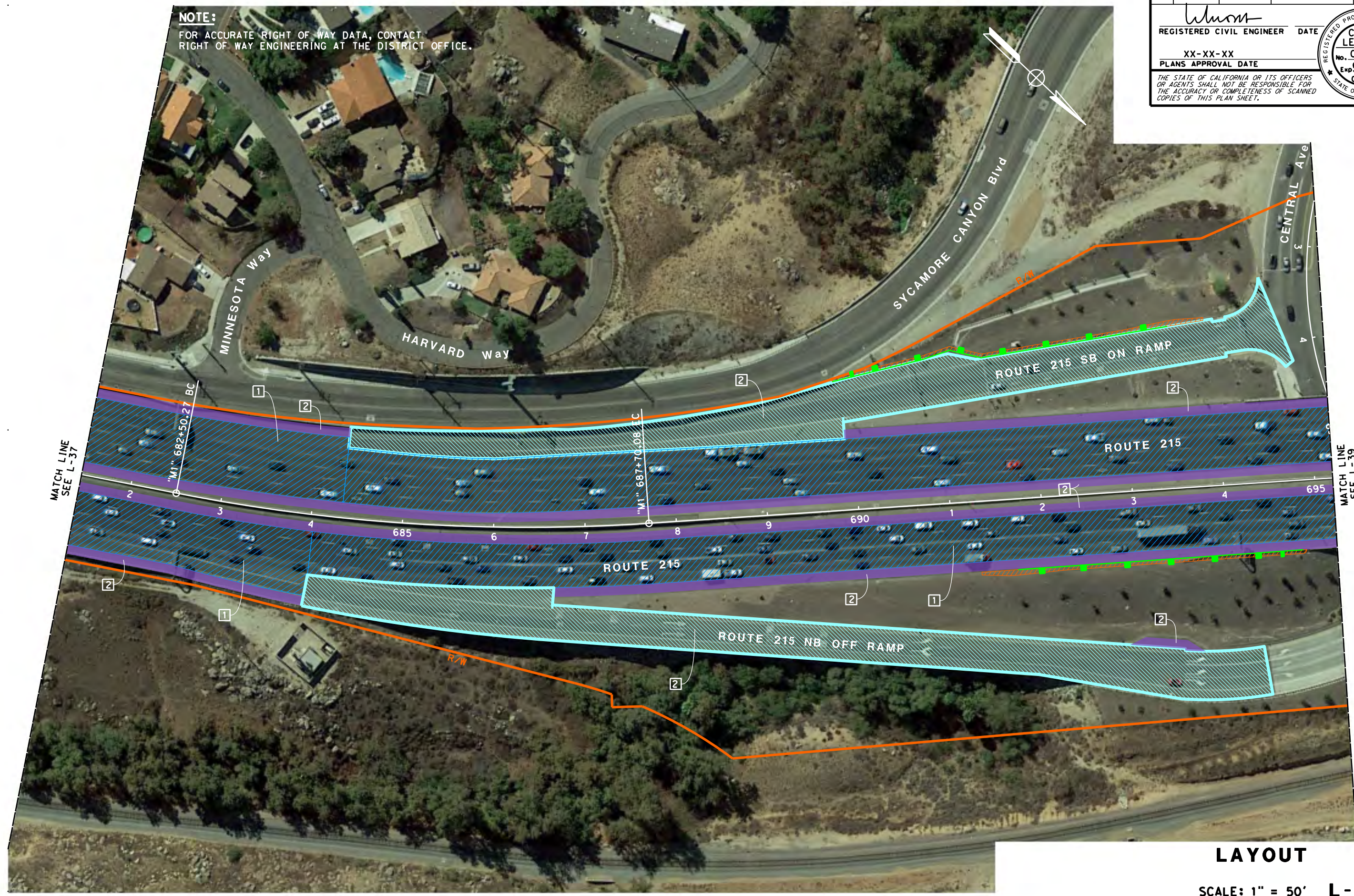
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER DATE
CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

XX-XX-XX
 PLANS APPROVAL DATE
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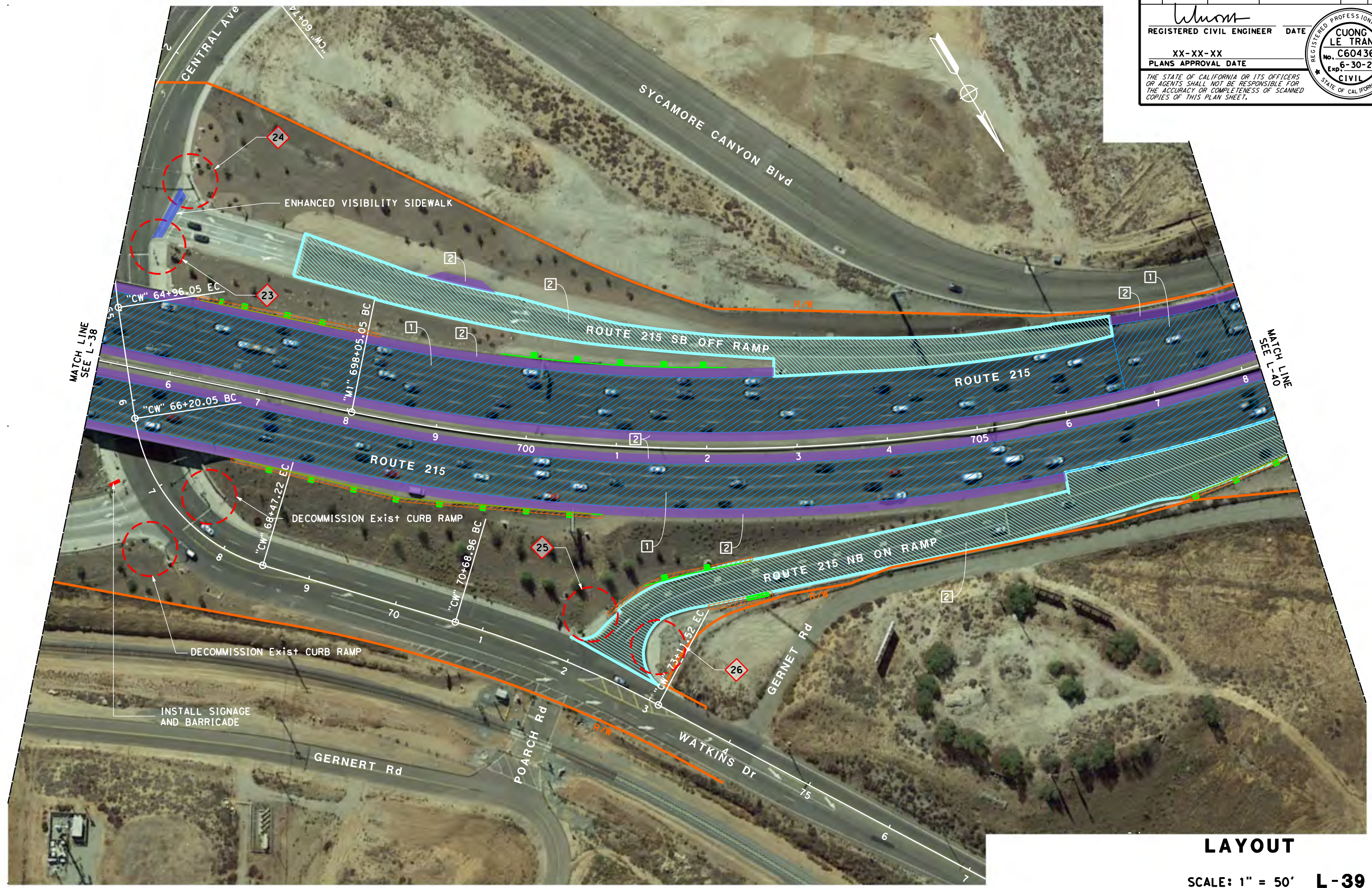
LAYOUT
 SCALE: 1" = 50' **L-38**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>		DATE
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Exp. 6-30-24		
CIVIL		
STATE OF CALIFORNIA		

XX-XX-XX
PLANS APPROVAL DATE

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LAYOUT
SCALE: 1" = 50' **L-39**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN	CALCULATED-DESIGNED BY	CHECKED BY	ANNABELL WANG	REVISED BY	DATE	REVISED
CUONG TRAN									

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

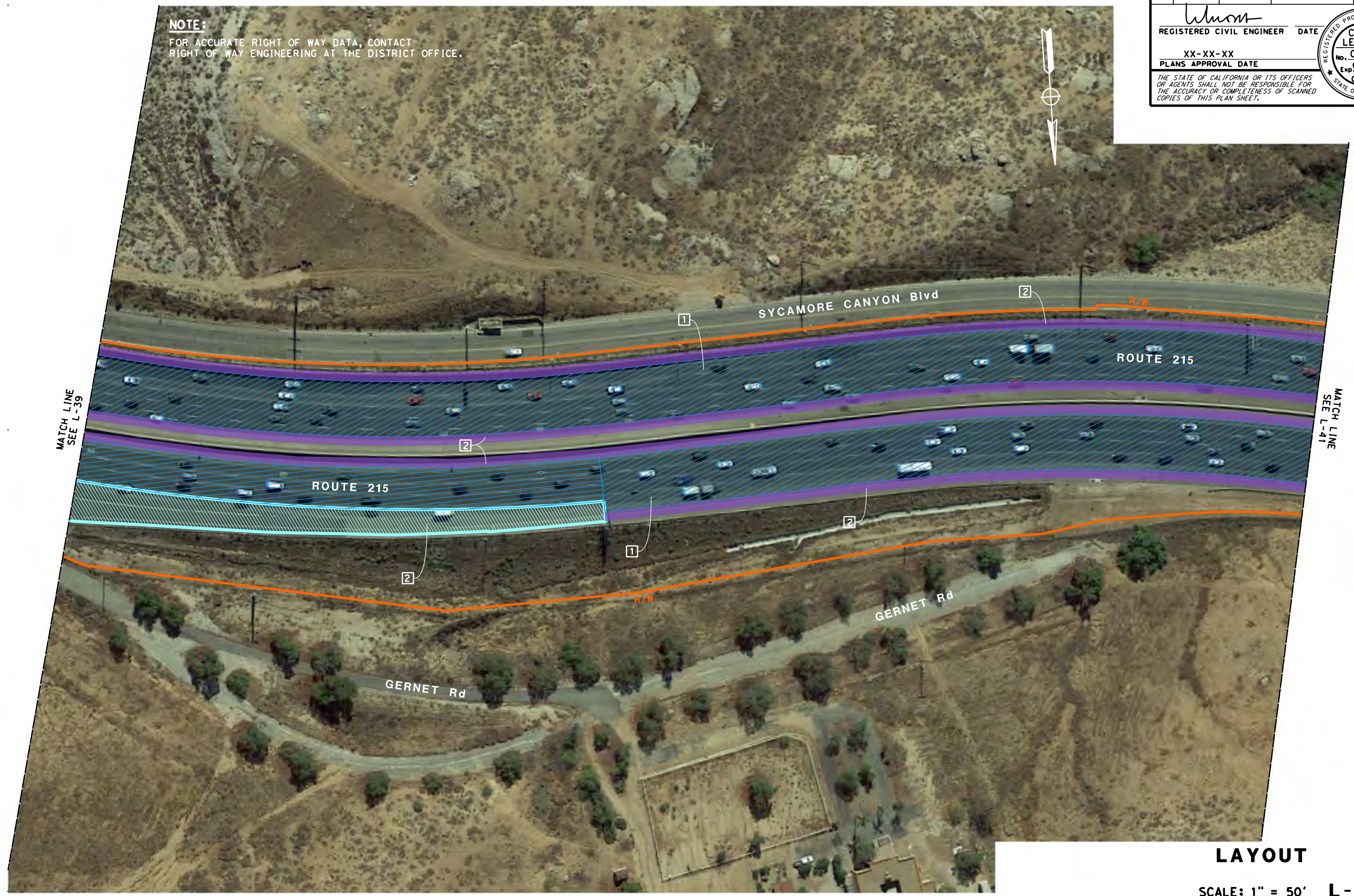
ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED

MATCH LINE
 SEE L-39

MATCH LINE
 SEE L-41

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

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 XX-XX-XX

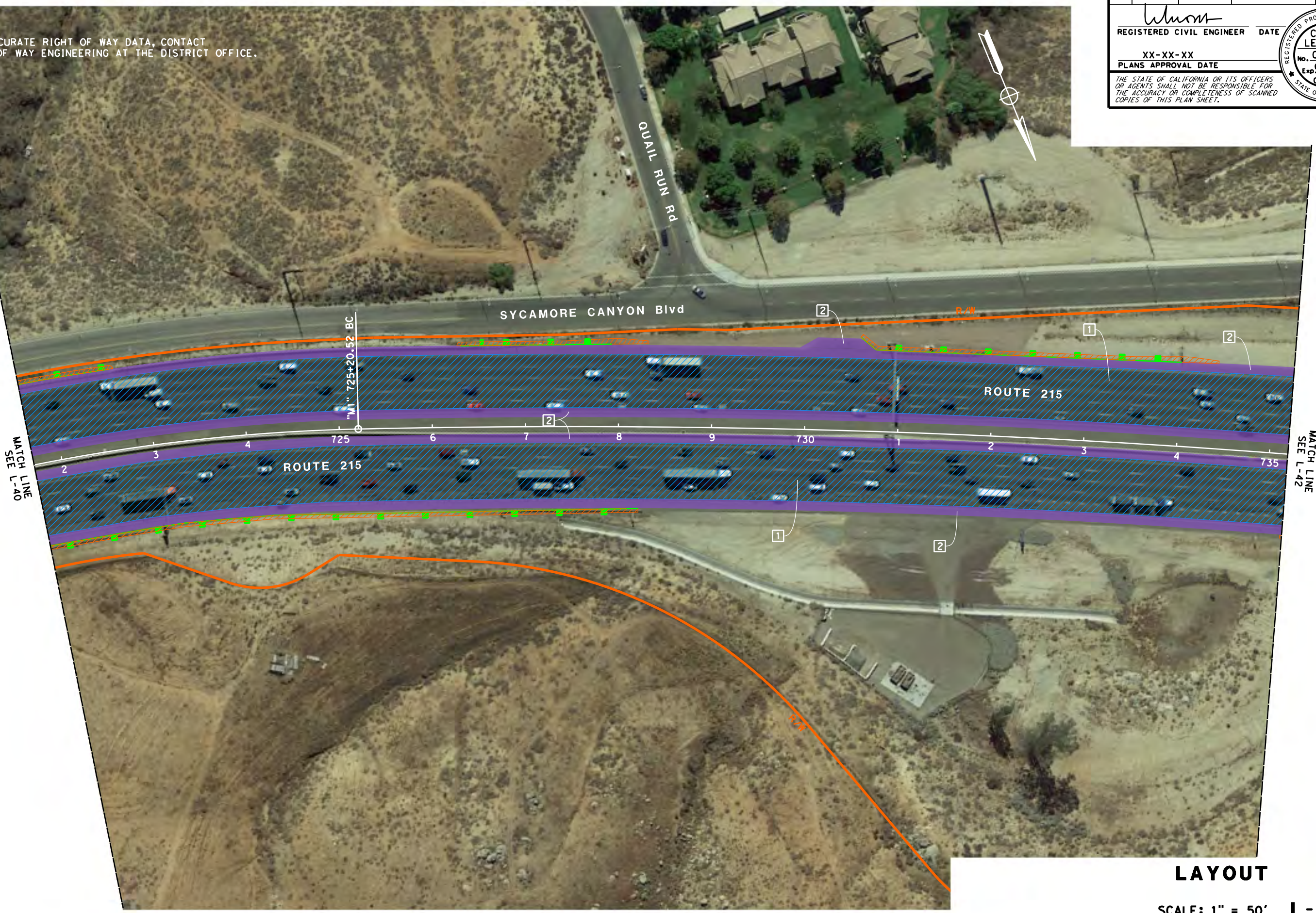
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LAYOUT
 SCALE: 1" = 50' **L-40**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

<i>Wang</i>	REGISTERED CIVIL ENGINEER	DATE
CUONG LE TRAN	No. C60436	XX-XX-XX
	Exp. 6-30-24	PLANS APPROVAL DATE
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LAYOUT
SCALE: 1" = 50' **L-41**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	CRISTINA GAYTAN
CALCULATED-DESIGNED BY	CHECKED BY
ANNABELL WANG	CUONG TRAN
REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => #USER
DCN FILE => #REQUEST



UNIT 2234

PROJECT NUMBER & PHASE

08190001581

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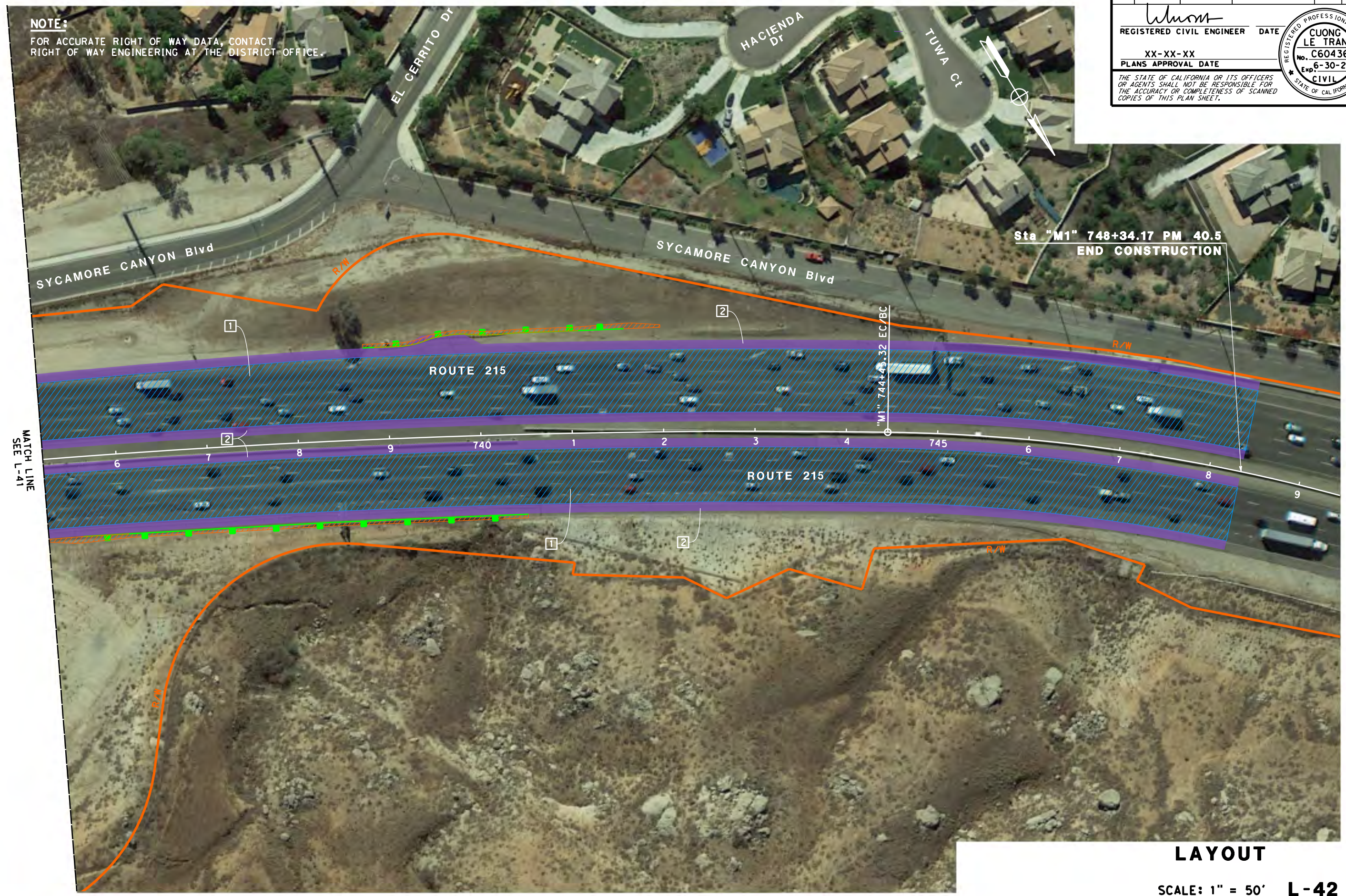
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CDOT
 DESIGN

FUNCTIONAL SUPERVISOR
 CRISTINA GAYTAN

CALCULATED-DESIGNED BY
 CHECKED BY

ANNABELL WANG
 CUONG TRAN

REVISED BY
 DATE REVISED



NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

MATCH LINE
 SEE L-41

Sta "M1" 748+34.17 PM 40.5
 END CONSTRUCTION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R31.2/40.5		

REGISTERED CIVIL ENGINEER
 CUONG LE TRAN
 No. C60436
 Exp. 6-30-24
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE
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LAYOUT
 SCALE: 1" = 50' L-42

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UNIT 2234

PROJECT NUMBER & PHASE

08190001581

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Attachment C. Environmental Commitments Record



Environmental Commitments Record (ECR)

DIST-CO-RTE: 08-RIV-215 **PM/PM:** R31.2/40.5 **EA/Project ID:** 08-1L170/0819000158

Project Description: CAPM PAVEMENT REPAIR & ROADSIDE SAFETY IMPROVEMENTS

Date (Last modification): 8/25/2023

Environmental Planner: Natasha Walton

Phone: 909-260-4891

Construction Liaison: To Be Determined

Phone:

Resident Engineer: To Be Determined

Phone:

PERMITS

Permit	Agency	Application Submitted	Permit Received	Permit Expiration	Permit Requirements Completed by	Permit Requirements Completed on	Comments
1- No Permits Required	n/a						

ENVIRONMENTAL COMMITMENTS

PS&E/BEFORE RTL

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
Biology	Bio-General-1: Equipment Staging, Storing & Borrow Sites. All staging, storing, and borrow sites require the approval of the Caltrans biologist.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-16: Invasive Weed Control. To address impacts to Black Willow Riparian Woodland, California Sycamore Woodland, smooth tarplant, thread-leaved brodiaea or other rare plant species, a qualified biologist must identify invasive plant species within the project impact area (PIA) and a 50-foot buffer within 30 days prior to project activities. Treatment and disposal methods must be approved by the Caltrans biologist prior to vegetation removal.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-Plant-1: Rare Plant Surveys, Flagging, and Fencing. Within 30 days prior to construction, a preconstruction survey must be conducted by a qualified biologist for smooth tarplant, thread-leaved brodiaea or any other rare or special-status plant species in areas of suitable habitat, within 50 feet of the PIA. Smooth tarplant, threadleaved brodiaea or other rare plant species must be flagged for visual identification to construction personnel for work avoidance. Smooth tarplant, thread-leaved brodiaea or	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No

Environmental Commitments Record for RIV 215 PAVEMENT REHAB

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
	other rare plant species detected that feature multiple plants in a single location must be fenced with Environmentally Sensitive Area (ESA) temporary fencing.									
Biology	Bio-Avian-1: Preconstruction Nesting Bird Survey. If project activities cannot avoid the nesting bird season, February 1 – September 30, then preconstruction nesting bird surveys must be conducted by a qualified biologist in areas of suitable habitat within the project limits and up to the limit of the BSA, no more than 3 days prior to construction to locate and avoid nesting birds. If an active avian nest is located, a no-construction buffer (100 feet for non-passerine, 300 feet for passerine, and 500 feet for raptors) will be established and monitored by a qualified biologist.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-Avian-2: Preconstruction Burrowing Owl (BUOW) Survey. Two burrowing owl preconstruction surveys must be performed by a qualified biologist: one survey 14-30 days prior to project activities, and one survey 24 hours prior to project activities. The surveys must be conducted within the MSHCP BUOW survey area of suitable BUOW habitat as identified in the Burrowing Owl Habitat Assessment.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-Amphibian-PSM-2: Western Spadefoot in Project Area. If during construction activities a western spadefoot is discovered within the project site, all construction activities shall stop and the biologist and resident engineer shall be notified. The biologist shall relocate the western spadefoot to a safe area within western spadefoot habitat.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-Invasive-1: Invasive Species Control, Vehicle Washing. Comply with applicable 2022 SSP or latest version. It will be required that the contractor will wash equipment prior to entering the project site. The biologist will coordinate with the resident engineer and contractor in order to inspect the vehicles and equipment prior to the initiation of work to verify that they have been washed.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-Invasive-2: Best Management Practices. Comply with 2022 SSP 21-2.02P or latest version; use biodegradable and weed free fiber roll for erosion control.	NESMI 8/02/2023, Appendix E	SSP 21.2.02P	District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-2: Temporary Artificial Lighting Restrictions. To address potential impacts to pocketed free-tailed bat, western yellow bat, and other bat species, artificial lighting	NESMI 8/02/2023, Appendix E		District Design/District Biological						No

Environmental Commitments Record for RIV 215 PAVEMENT REHAB

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
	must be directed at the job site to minimize light spillover onto potential bat roosting areas, if project activities occur at night.			Studies/ Resident Engineer/ Contractor						
Biology	Bio-General-4: Preconstruction Surveys. Preconstruction surveys for pocketed free-tailed bat, western yellow bat, and other bat species must be conducted by a qualified mammal and bat biologist within the project impact area within 14 days prior to project activities and following a bat roosting habitat suitability assessment. Preconstruction surveys for Riverside fairy shrimp must be conducted by a qualified biologist no more than 3 days prior to project activities within areas of appropriate habitat and following a general habitat assessment. If one of the species listed above or other special status species is located, the Resident Engineer and Caltrans biologist must be contacted and additional measures and/or agency coordination may be required.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-5: Work Avoidance. To address impacts to pocketed free-tailed bat, western yellow bat, and other bat species, avoid project activities from April 1 to August 31 within 300 feet of all potential roosting structures in the project impact area.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-7: Worker Environmental Awareness Program (WEAP). A qualified biologist must present a biological resource information program/WEAP for Los Angeles pocket mouse, northwestern San Diego pocket mouse, San Diego black-tailed jackrabbit, San Diego desert woodrat, Stephen's kangaroo rat, pocketed free-tailed bat, western yellow bat, coastal western whiptail, red diamond rattlesnake, and California glossy snake prior to project activities to all personnel that will be present within the project limits for longer than 30 minutes at any given time.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-8: Biological Monitor. A qualified biologist must monitor project activities to ensure that measures are being implemented and documented.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-9: Environmentally Sensitive Area (ESA). To address impacts to Black Willow Riparian Woodland, California Sycamore Woodland, smooth tarplant, thread-leaved brodiaea, Los Angeles pocket mouse,	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/						No

Environmental Commitments Record for RIV 215 PAVEMENT REHAB

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
	northwestern San Diego pocket mouse, San Diego black-tailed jackrabbit, San Diego desert woodrat, Stephen's kangaroo rat, riparian bird species, coastal western whiptail, red diamond rattlesnake, California glossy snake, western spadefoot, Riverside fairy shrimp, quino checkerspot butterfly, Crotch bumble bee, monarch butterfly, or other special-status plant or animal species, delineate the habitat area for these species as an ESA as shown on the plans and/or described in the specifications.			Resident Engineer/ Contractor						
Biology	Bio-General-10: Environmentally Sensitive Area (ESA) Fence Monitoring. Integrity inspections of rare or special status plant fencing and enclosures (onsite cleared areas) must occur throughout the duration of the project prior to commencing project activities and after activities are completed. If during construction the fence fails, work must stop until it is repaired and the qualified biologist inspects (and clears) the job site.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Biology	Bio-General-11: Environmentally Sensitive Area (ESA) Fence Removal. All fencing must be removed as a last order of work. During removal, a qualified biologist must be present.	NESMI 8/02/2023, Appendix E		District Design/District Biological Studies/ Resident Engineer/ Contractor						No
Hazardous Waste	HAZ-1: Conditions for Use of Local Material. The project shall comply with Caltrans Standard Special Provision (SSP) 6-1.03B(2) when local material, such as rock, gravel, earth, structure backfill, pervious backfill, imported borrow, and culvert bedding, obtained from a (1) noncommercial source, or (2) source not regulated under California jurisdiction, is being used on the project. A local material plan for each material must be submitted at least 60 days before placing the material.	ISA Checklist 8/07/2023, p1/2	SSP 6-1.03B(2)	District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Hazardous Waste	HAZ-2: Earth Material Containing Lead. The project shall comply with Caltrans SSP 7-1.02K(6)(j)(iii), which includes specifications for handling, removing, and disposing of unregulated earth material containing lead, and requires a lead compliance plan for soil disturbance. Management of this material exposes workers to health hazards that must be addressed in the lead compliance plan. This material contains average lead concentrations below 80 mg/kg total lead and below 5 mg/L soluble lead and is not regulated by the Department of Toxic Substances Control (DTSC) as a hazardous substance or a hazardous waste. This material does not require disposal at a permitted landfill or solid waste disposal facility. The Regional Water Quality Control	ISA Checklist 8/07/2023, p1/2	SSP 7-1.02K(7)(j)(iii)	District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No

Environmental Commitments Record for RIV 215 PAVEMENT REHAB

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
	Board (RWQCB) has jurisdiction over reuse of this material at locations outside the job site limits.									
Hazardous Waste	HAZ-3: Management of Treated Wood Waste. If the project generates treated wood waste from signposts or guardrail posts, the project shall comply with Caltrans Standard Special Provision 14-11.14 which includes specifications for properly handling, storing, transporting, and disposing of treated wood waste.	ISA Checklist 8/07/2023, p1/2	SSP 14-11.14	District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Hazardous Waste	HAZ-4: Residue Containing Lead from Paint and Thermoplastic. The project shall comply with Caltrans SSP 36-4 which requires a lead compliance plan if residue from grinding or cold planning pavement contains lead from paint or thermoplastic, and if the average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead; these lead concentrations are not considered a hazardous waste.	ISA Checklist 8/07/2023, p1/2	SSP 36-4	District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Hazardous Waste	HAZ-5: Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) Notification. The project shall comply with Caltrans Standard Special Provisions (SSP) 14-9.02 which requires notification to the US Environmental Protection Agency (EPA), California Air Resources Board, Air Pollution Control District (APCD), or Air Quality Management District (AQMD) for the demolition or rehabilitation of a bridge or building to comply with air quality regulations. Notification must occur even if no asbestos is present in the structure. This SSP does not apply to naturally occurring asbestos, which is not part of a structure.	ISA Checklist 8/07/2023, p1/2	SSP 14-9.02	District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Hazardous Waste	HAZ-6: Removal of Vehicle Sensor Nodes (VSNs) and/or Electrical Systems. The project shall comply with Caltrans Standard Special Provision 87-21.03D which specifies the proper protocol for the removal of VSNs containing lithium thionyl chloride batteries, and the removal of existing electrical systems containing hazardous materials.	ISA Checklist 8/07/2023, p1/2	SSP 87-21.03D	District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Landscape	VIS-1: Revegetation. Areas within the Caltrans right of way and project limits shall be revegetated with California native plants for erosion control and to restore the site to a more natural condition.	Env Doc, p3/16		District Design/District Landscaping/ Resident Engineer/ Contractor						No
Noise	NOI-1: Noise Control. The project will comply with the construction noise requirements per Caltrans Standard Specification 14-8.02, do not exceed 86 dBA Lmax at 50	Noise Memo 7/12/2023, p1/1	SSP 14-8.02	District Design/District Environmental						No

Environmental Commitments Record for RIV 215 PAVEMENT REHAB

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
	feet from the job site from 9:00 p.m. to 6:00 a.m., or Caltrans Standard Special Provision 14-8.02 (if applicable).			Engineering/ Resident Engineer/ Contractor						
Water Quality	WQ-1: Stormwater Pollution Prevention Plan. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared by the contractor and approved by Caltrans prior to the start of construction.	SQWQ 8/2023, p6/10		District Design/District Stormwater/ Resident Engineer/ Contractor						No
Greenhouse Gas Emissions	GHG-2: Energy-Efficient Lighting. The proposed project shall incorporate the use of energy-efficient lighting, such as light-emitting diode (LED) lighting, to help reduce the project's CO2 emissions.	Env Doc, p10/16		District Design/Resident Engineer/ Contractor						No
Greenhouse Gas Emissions	GHG-3: Recycling and Waste Reduction. The proposed project shall recycle construction debris as practicable and reduce construction waste.	Env Doc, p10/16		District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Greenhouse Gas Emissions	GHG-4: Efficient Construction Methods. The project shall use energy- and water-efficient construction methods.	Env Doc, p10/16		District Design/District Environmental Engineering/ Resident Engineer/ Contractor						No
Transportation	TR-1: Traffic Management Plan. Prior to construction, a traffic management plan will be prepared and coordinated with local emergency responders and implemented to allow pedestrian and bicycle access on local streets, and minimize traffic delays and associated idling emissions during construction.	Env Doc, p15/16		District Design/ District Traffic Management/ Resident Engineer/ Contractor						No
Wildfire	WF-1: Wildfire Prevention. The project shall comply with Cal Fire guidelines for equipment use, control of flammable materials, use of fuel breaks, and fire monitoring when fire hazard conditions are elevated as specified under Caltrans Standard Special Provision 7-1.02M(2).	Env Doc, p16/16		District Design/District Environmental Planning/ Resident Engineer/ Contractor						No

Environmental Commitments Record for RIV 215 PAVEMENT REHAB

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
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CONSTRUCTION

Category	Task and Brief Description	Source	Included in PS&E Package	Responsible Branch/Staff	Action to Comply	Due Date	Task Completed by	Task Completed on	Remarks	Mitigation for significant impacts under CEQA
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Air Quality	AQ-1: Air Quality. The proposed project shall comply with Caltrans Standard Specifications Section 14-9, Air Quality, which requires contractors to comply with all federal, state, regional, and local rules, regulations, and ordinances related to air quality.	Env Doc, p4/16		Resident Engineer/Contractor						No
Cultural Resources	CR-1: Cultural Resources. If buried cultural resources are encountered during project activities, it is Caltrans policy that work stop within 60 feet of the area until a qualified archaeologist can evaluate the nature and significance of the find.	Section 106 Memo 7/17/2023, p2/2		District Cultural Studies/Resident Engineer/Contractor						No
Cultural Resources	CR-2: Human Remains. In the event that human remains are found, the county coroner shall be notified and ALL construction activities within 60 feet of the discovery shall stop. Pursuant to Public Resources Code Section 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). The person who discovered the remains will contact the District 8 Division of Environmental Planning; Andrew Walters, DEBC: (909) 260-5178 and Gary Jones, DNAC: (909) 261-8157. Further provisions of PRC 5097.98 are to be followed as applicable.	Section 106 Memo 7/17/2023, p2/2		District Cultural Studies/Resident Engineer/Contractor						No
Greenhouse Gas Emissions	GHG-1: Emissions Reductions. The proposed project shall comply with Caltrans Standard Specifications Section 7-1.02A and 7-1.02C, Emissions Reductions, which require contractors to comply with all emission reduction laws applicable to the project and to certify that they are aware of and will comply with all California Air Resources Board (ARB) emission reduction regulations.	Env Doc, p10/16		Resident Engineer/Contractor						No