



## Planning Director Staff Report Hearing on June 30, 2022

County of Ventura • Resource Management Agency

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### CALIFORNIA DEPARTMENT OF TRANSPORTATION, DISTRICT 7 STATE ROUTE 1 POST MILE 21.2 TO POST MILE 28.4 PAVEMENT PROJECT COASTAL PLANNED DEVELOPMENT (PD) PERMIT CASE NO. PL22-0002

#### A. PROJECT INFORMATION

1. **Request:** The applicant requests approval of a Coastal Planned Development (PD) Permit be granted to authorize the pavement of State Route 1 (SR 1) between Emma Wood State Beach Access Road Post Mile (PM) 21.3 and Mobile Pier Road/Seacliff Exit 78 PM 28.4, Case No. PL22-0002.
2. **Applicant/Property Owner:** California Department of Transportation (Caltrans)
3. **Applicant's Representative:** Joben Penuliar, Caltrans District 7, 100 South Main Street, MS-016A, Los Angeles, CA 90012
4. **Decision-Making Authority:** Pursuant to the Ventura County CZO (Section 8174-5 and Section 8181-3 et seq.), the Planning Director is the decision-maker for the requested Coastal PD Permit.
5. **Project Site Size, Location, and Parcel Number:** The project is located within approximately 7.1 miles of the Caltrans right-of-way of Ventura County SR 1 between Emma Wood State Beach Access Road (PM 21.3) and Mobile Pier Road/Seacliff Exit 78 (PM 28.4), in the unincorporated area of Ventura County. (Exhibit 2).
6. **Project Site Land Use and Zoning Designations (Exhibit 2):**
  - a. Countywide General Plan Land Use Map Designation: Not Applicable
  - b. Coastal Area Plan Land Use Map Designation: Agriculture
  - c. Zoning Designation: COS-10 ac-sdf (Coastal Open Space 10-acre minimum lot area- slope density formula).
8. **Adjacent Zoning and Land Uses/Development (Exhibit 2):**

Location in Relation to the Project Site	Zoning	Land Uses/Development
North	Santa Barbara County	

Location in Relation to the Project Site	Zoning	Land Uses/Development
East	COS-10-ac-sdf (Coastal Open Space, 10 acres minimum lot area, slope density formula)	Open Space, Vacant
	CM-10 ac (Coastal Industrial 10 acres minimum lot area)	Oil & Gas Development
	CA-40 ac-sdf (Coastal Agricultural, 40 acres minimum lot area, slope density formula)	Row Crops  U.S. 101 Freeway
South	Ventura County	
West	RB-3,000 sq. ft. (Residential Beach, 3,000 sq. ft. minimum lot areal)	Seacliff, Faria, Solimar Beach Residential Communities
	COS-10 ac-sdf (Coastal Open Space, 10 acre minimum lot area, slope density formula.	Hobson and Faria County Parks Rincon Parkway Campground Emma Wood State Beach

9. **History:** The section of SR 1 proposed to be upgraded was constructed in 1927 and widened in 1936, prior to the construction of the adjacent U.S. 101 freeway in the 1950s.

10. **Project Description:** Caltrans is proposing to repave State Route (SR) 1 (referred to as “VEN-1 Cold Plane and Overlay AC Pavement Project”) in the unincorporated area of Ventura County between Emma Wood State Beach Access Road Post Mile (PM 21.3) and Mobile Pier Road/Seacliff Exit 78 (PM 28.4).

The project will be completed in approximately 580 days (no weekend work will occur)

Traffic Control: Traffic control measures will be implemented as sections of SR 1 are repaved; once a section of SR 1 is complete, it will be opened for use. Construction areas will be delineated with orange cones. Temporary construction signs and a digital message board would be installed at either side of the construction zone, informing motorists, bicyclists, and pedestrians that construction activities are underway and access through the area will be detoured. Flagman will be on either side of the construction zone to guide the public through designated detours.

Temporary Road Closures: The project will temporarily close the Rincon Parkway Campground (127 parking spaces available for Recreational Vehicle (RV) use) and hinder public parking and access to beaches and private property. Hobson Beach Park, Faria Beach Park, and Emma Wood State Beach will remain open during construction. Ventura Private property owners will be notified by mail when SR 1 will be under construction and “Temporary No Parking” signs will be posted with the dates of the closure (Exhibit 5, Condition of Approval Nos. 1 and 21). General

Services Agency County Parks will be advised when the Rincon Parkway Campground will need to be temporarily closed (Exhibit 5, Condition of Approval Nos. 20 and 21). Areas along SR 1 not under construction will remain open to the public.

Re-Pavement Activities: The existing road surface will be removed and re-paved. All proposed road improvements are within the Caltrans road right-of-way. Between PM 21.3 to PM 27.5 and PM 27.7 to PM 28.40 construction activities include resurfacing distressed Asphalt Concrete (AC) pavement by overlaying existing pavement. From PM 27.5 to PM 27.7, Cold Planing (CP) would remove surface of the existing pavement to the desired depth. The ground below would be leveled to remove bumps, dips, and potholes. A sub-base will be applied and compacted. Once a compact sub-base has been installed, asphalt is transported to the road site and poured onto the surface, distributed evenly, and compacted. The pavement is overlaid with Rubberized Hot Mix Asphalt - Gap Graded (RHMA-G) on the travelled way and shoulders. Following the installation of paving, shoulder backing would be put in. Shoulder backing is a thin course of granular material that is used to protect the outside edge of the pavement by providing support that prevents edge cracking and pavement edge loss. Shoulder backing also minimizes drop-off heights for overlays. Asphalt concrete dikes will be upgraded, existing drainage inlet grates will be replaced with bicycle friendly grates, and utility manholes (Bell System) will be adjusted to grade. The road will then be striped, and bicycle lanes delineated with green-colored pavement to identify the bike lane from the roadway. The grinding and overlay of the road surface will be done shift by shift so that after each shift, the highway is completely open. All striping will be done all at once, approximately one week after the grind and overlay is complete.

The location of the construction staging, and storage areas will be identified once the contractor has been retained and under contract. The location of a portable asphalt batch plant will also need to be identified. A temporary location may be adjacent to an on- or off-ramp located on the eastern side of US 101, unless the contractor hauls asphalt to a designated receiving site. Prior to zoning clearance for construction, the Permittee shall identify the locations for the construction staging, and storage areas and portable asphalt batch plant; areas designated for these project components cannot require vegetation or tree removal (Exhibit 5, Condition of Approval No. 1).

Guardrails: Approximately 6,620 linear feet (LF) of metal beam guard rails (MBGR) (29 inches in height) will be replaced with approximately 7,015 LF of the Midwest Guardrail System (MGS) (31 inches in height). The additional 395 LF of MGS is not limited to a specific location and instead ensures guardrails being replaced comply with new standard requirements that the minimum length of MGS be 150 feet. The MGS meets the current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance and is of similar construction and material to the existing MBGR.

New Crosswalk: One striped crosswalk with a Pedestrian Hybrid Beacon (PHB) and two flashing beacons would be installed at PM 24.4 near Mondo's Beach. The marked crosswalk will have a pedestrian push button device on either side of SR 1 for pedestrians to use when they are ready to enter the crosswalk. A 30-foot-tall light post with a 26-foot-tall PHB will be installed on the north side of the crosswalk. The PHB extends approximately 55 feet over SR 1 and will include pedestrian beacons and a sign mounted on the pole. One 20-foot-tall warning beacon with a pole that extends approximately 18 feet across SR 1 will be installed approximately 55 feet east of the crosswalk (northbound lane) and one 26-foot-tall warning beacon with a pole that extends approximately 55 feet across SR 1 will be installed approximately 62 feet west of the crosswalk (southbound lane). The flashing beacons warn drivers of the upcoming crosswalk. Additionally, one utility cabinet (5.5 feet high, 2 feet wide, and 2.5 feet depth) would be installed on the landward side of the crosswalk.

Signs: A total of 396 existing signs along the limits of the project site will be replaced with new signs of the same size and regulatory, warning and guide information. No new signs are proposed (Exhibit 3, Plans).

Best Management Practices (BMPs): Caltrans will incorporate all appropriate temporary Stormwater and Erosion Control Best Management Practices (BMPs) prior to construction and maintain temporary BMPs throughout construction activities. Because the project is CAPM (Cold Plane and Overlay AC Pavement) project no permanent BMPs are required for this project.

## **B. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) COMPLIANCE**

Pursuant to CEQA (Public Resources Code Section 21000 et seq.) and the CEQA Guidelines (Title 14, California Code of Regulations, Division 6, Chapter 3, Section 15000 et seq.), the proposed project is subject to environmental review.

The State Legislature through the Secretary for Resources has found that certain classes of projects are exempt from CEQA environmental impact review because they do not have a significant effect on the environment. These projects are declared to be categorically exempt from the requirement for the preparation of environmental impact documents. The proposed project includes the continued use, operation, and maintenance of SR 1. The proposed project qualifies for Class 1 (Section 15301 - Existing Facilities), Class 2 (Section 15302 - Replacement or Reconstruction), Class 3 (Section 15303 - New Construction of Small Structures), and Class 4 (Section 15304 - Minor Alterations to Land) categorical exemptions pursuant to CEQA Guidelines. Further, the project will not trigger any of the exceptions to the exemptions listed under CEQA Guidelines Section 15300.2 as discussed below. Therefore, no further environmental review is required.

## SUITABILITY OF USE OF CATEGORICAL EXEMPTION

### *Class 1, Section 15301(c) - Existing Facilities*

*Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use.*

*(c) Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (this includes road grading for the purpose of public safety), and other alterations such as the addition of bicycle facilities, including but not limited to bicycle parking, bicycle-share facilities and bicycle lanes, transit improvements such as bus lanes, pedestrian crossings, street trees, and other similar alterations that do not create additional automobile lanes).*

The key consideration [in determining applicability of the Class 1 categorical Exemption] is whether the project involves negligible or no expansion of use. (14 CCR S 15301.) The proposed project includes the re-pavement, repair and maintenance of SR 1 and the construction of a crosswalk and warning signals. All proposed construction activities and structures (warning signals, pedestrian push button and signals) and guardrails are located entirely within the Caltrans existing (developed) road right-of-way. No additional automobile lanes would be added to SR 1. The purpose of the project is to maintain the integrity and sustainability of SR 1 and public safety. The proposed project is equivalent to a repair or minor alteration of existing structures/facilities involving negligible or no expansion of use. Therefore, the Class 1 categorical exemption applies.

### *Class 2, Section 15302 - Replacement or Reconstruction*

*Class 2 projects consist of the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.*

The proposed re-pavement, repair and maintenance of SR 1 is located entirely within the Caltrans (developed) road right-of-way. A total of 396 signs along the limits of the project site will be replaced with new signs of the same size and regulatory, warning and guide information. No new signs are proposed. Approximately 6,620 linear feet (LF) of metal beam guard rails (MBGR) (29 inches in height) will be replaced with approximately 7,015 LF of the Midwest Guardrail System (MGS) (31 inches in height). The additional 395 LF of MGS is not limited to a specific location and instead ensures guardrails being replaced comply with new standard requirements of a minimum length of MGS be 150 feet. The MGS meets the current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance and is of similar construction and material to the existing MBGR. Therefore, the Class 2 exemption would apply.

### *Class 3, Section 15303(d) - New Construction of Small Structures*

*Class 3 consists of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure. The numbers of structures described in this section are the maximum allowable on any legal parcel.*

*CEQA Section 15303(d) provides examples of Class 3 exemptions such as "water main, sewage, electrical, gas, and other utility extensions, including street improvements, of reasonable length to serve such construction."*

One striped crosswalk with a pedestrian push button, signal and two flashing beacons would be installed at Mondo's Beach. Mondos Beach is a popular surfing location. Currently, beachgoers randomly cross SR 1 in varying locations. The proposed crosswalk identifies a legal crosswalk exists at a particular location and informs pedestrians where to cross. The proposed crosswalk and incidental equipment are considered a street improvement that provides beachgoers safe access across SR 1 to the beach. All proposed improvements, structures and utilities comply with Caltrans' current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance. Therefore, the Class 3 exemption would apply.

*Class 4, Section 15304 - Minor Alterations to Land:*

*Class 4 consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes.*

The proposed re-pavement, repair, and maintenance of SR 1, and installation of the crosswalk and incidental equipment will occur entirely within the Caltrans road right-of-way. The existing road surface will be removed and re-paved. The Pedestrian Hybrid Beacon (PHB), flashing beacons and utility box that support the operation of the crosswalk would be installed within the unimproved (highly disturbed) road shoulder. Road upgrades would involve minimal grading, trenching, and excavation. Minor clearing and grubbing of previously disturbed areas will be required to replace the guardrails, no ESHA or trees are proposed for removal. Therefore, the Class 4 exemption would apply.

## **SUITABILITY OF USE OF STATUTORY EXEMPTION**

Article 18 Statutory Exemptions describes the exemptions granted from CEQA granted by the Legislature.

*Section 15282(j) Other Statutory Exemptions:*

*A project for restriping streets or highways to relieve traffic congestion as set forth is Section 21080.19 of the public Resources Code.*

CEQA does not apply to the restriping of streets. This proposed project could be considered as relieving traffic congestion by focusing pedestrian activity to a single

crossing point and therefore limiting pedestrian/vehicle conflict points and vehicular congestion that happens when pedestrians are able to cross anywhere in the road.

## **ANALYSIS OF EXCEPTIONS TO EXEMPTIONS, SECTION 15300.2**

Projects that are consistent with the categorical exemptions identified in CEQA Guidelines sections 15301 through 15333 are not automatically exempt from CEQA review. Section 15300.2 (Exceptions) of the State CEQA Guidelines outlines the cases in which projects that would normally be exempt from CEQA review would not be exempt. These exceptions are as follows.

- (a) Location: Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located - a project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply all instances, except where the project may impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

SR 1 is located between U.S. Highway 101, the Southern Pacific Railroad to the east and the Pacific Ocean to the west. Seacliff, Faria, and Solimar beach residential communities and Hobson and Faria County Beach, and Rincon Parkway Campground are also located along SR 1.

The coastal zone is considered a sensitive environment. Protected coastal resources include public access to the coastline, wetlands, and other environmentally sensitive habitat areas (ESHA). The Coastal Act mandates the California Coastal Commission to “protect, conserve, restore, and enhance” the state’s coastal resources.

The project site is located entirely within the Caltrans road right-of-way. The Caltrans Road right-of-way within the project site is developed with a two-lane paved road, bike lane, RV striped campsites, a “No Parking Lane” that includes identification of the camp space number, and unimproved road shoulder. There is no suitable habitat for any special-status species, sensitive plant communities, or features suitable for wildlife migration. At no point will any construction equipment enter any drainages, creeks, or other waterways.

Public access will be temporarily closed when road improvements are being constructed adjacent to designated beach areas where public access is available. The entire 7.1 miles of roadway will not be closed at one time and sections of the road that are not being improved will remain open. There are tributaries originating from the Santa Ynez Mountains to the ocean. No construction activities are proposed in wetland areas except for replacing existing guardrails with new guardrails. In accordance with Condition of Approval Nos. 1 and 24, Caltrans will install Best Management Practices (BMPs) during construction to prevent runoff into drainage areas and the ocean.

Based on the discussion above, staff has determined that the project is not located in a particularly sensitive environment and would not impact an environmental resource of hazardous or critical concern. Therefore, this exception to the categorical exemptions would not apply.

- (b) Cumulative impact: All exemptions for these classes are inapplicable when the cumulative impact of successive projects of the same type in the same place, over time is significant.

Currently, Caltrans is conducting pavement rehabilitation (referred to as “101 Rehab Project”) in the unincorporated area of Ventura County between Mussel Shoals and Faria Beach that will be constructed in three phases. Phase 1 consisted of individual slab replacements in the #1 (fast) lane in both directions, and replacement of the median shoulders in both directions. This phase is complete. Phase 2 consists of complete replacement of the #2 (middle) and #3 (slow) lanes, and replacement of the outside shoulder on the southbound side of US 101. The US 101 southbound lanes are reduced to two lanes: one lane remains on the coastal side of U.S. 101; a second lane just past Mussel Shoals crosses over the median to the northbound side of the highway and extends more than four miles to Faria Beach. Known as a bypass lane, it will remain in place until January 2023. No southbound traffic is diverted to SR 1. Phase 2 has been underway for two months of a 9 month phase. Phase 3 duplicates Phase 2 but occurs on the northbound lanes of US 101 and will be nine months long.

On July 14, 2021 the Planning Division approved Coastal PD Permit Case No. PL20-0134 to widen bridge No. 52-0003 (“Willow Creek Bridge”), and upgrade of the railing to meet current bridge rail standards. This project is located on the eastern side of U.S. 101 on Mobile Pier Road/Seacliff Exit 78 (PM 28.2) and will commence construction in 2023.

While these two road improvement projects will be under construction simultaneously, the two projects are separate and independent from each other. It is anticipated the presence of construction activities and traffic delays will deter motorists from using SR 1. Most vehicles are expected to travel on US 101 and most motorists on SR 1 will be property owners/residents.

In accordance with Coastal Zoning Ordinance Section 8181-6.2.1, Notice Requirements, the Planning Division is required to inform all property owners of the “VEN-1 Cold Plane and Overlay AC Pavement Project” that are located within 300 feet and residents within 100 feet of the exterior boundaries of the Assessor's Parcel(s) on which the development is proposed. On June 17, 2022, the Planning Division notified all property owners/residents along SR 1 between Emma Wood State Beach Access Road (PM 21.3) and Mobile Pier Road/Seacliff Exit 78 (PM 28.4) in addition to County and State Parks of the Planning Director hearing on June 30, 2022. On June 19, 2022, notification of the proposed project was also published in the Ventura County Star. The project has been conditioned to require Caltrans to install digital message boards informing the public of the pending project (Exhibit 5, Condition of Approval Nos. 1 and 20). Caltrans will also be required to notify property owners and General Services Agency Parks Department,



via regular mail, of the of the pending construction activities (Exhibit 5, Condition of Approval Nos. 20 and 21). Prior to construction, temporary construction signs would be installed at either side of the construction zone, informing motorists, bicyclists, and pedestrians that construction activities are underway and access through the area will be detoured. Temporary “No Parking” signs would be installed at specific sections of SR 1 while construction is underway and will be removed when that section of roadway is complete.

Therefore, granting the requested Coastal PD Permit would not result in cumulative impacts as the road improvements are temporary. This exception to the categorical exemptions would not apply.

- (c) Significant Effect. A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.

No unusual circumstances exist and there is no reasonable possibility that the activity will have a significant effect on the environment.

Coastal Act Section 30610 (e) notes that no coastal development permit shall be required pursuant for development in areas which the commission has found that there is no potential for any significant adverse effect, either individually or cumulatively, on coastal resources or on public access to, or along, the coast.

On September 5, 1978, the California Coastal Commission adopted the “Repair, Maintenance, and Utility Hook-Up Exclusions from Permit Requirements.” This guideline is intended to detail the types of development activities the Commission considers repair and maintenance related to ongoing work Caltrans undertakes to maintain the state highway system. No permit is required for repair and maintenance of existing public roads including signalization, lighting, signing, re-surfacing, railings, and other comparable development within the existing road right-of-way. Maintenance activities are generally those necessary to preserve the highway facility as it was constructed.

A new crosswalk with a Pedestrian Hybrid Beacon (PHB) and two flashing beacons would be installed near Mondo's Beach. This is considered new development and does not fall under the Maintenance, and Utility Hook-Up Exclusions. Therefore, Caltrans is requesting a Coastal PD Permit for the new crosswalk and incidental equipment. The crosswalk and all incidental equipment are located within the road right-of-way (disturbed road shoulder).

Based on the above discussion, the County has determined that there are no unusual circumstances related to the proposed Project and the proposed activities would not have a significant effect on the environment. Therefore, this exception to the categorical exemption would not apply.

- (d) Scenic Highways. A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees,

historic buildings, rock outcroppings, or similar resources, within a highway, officially designated as a state scenic highway. This does not apply to, improvements which are required as mitigation by an adopted negative declaration or certified EIR.

State Route 1 (SR 1) is a major north - south state highway that runs along most of the Pacific coastline of the state of California. The project falls within Emma Wood State Beach Access Road (PM 21.3) to Mobile Pier Road/Seacliff Exit 78 (PM 28.4). This section of SR 1 is an eligible scenic highway, not an officially designated state scenic highway.

The proposed project is located entirely within the Caltrans road right-of-way. Maintenance and repair activities and the installation of the crosswalk and incidental equipment would not damage any scenic resources (i.e., trees, rock outcroppings or similar resources). There are no historic resources within or adjacent to the project site.

Therefore, this exception to the categorical exemptions would not apply.

- (e) Hazardous Waste Sites. A categorical exemption shall not be used for a project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.

Pursuant to California Government Code Section 63962.5 and documentation on file with the Planning Division, the project site is not located on the State of California list of identified hazardous waste or hazardous substance sites.

Therefore, this exception to the categorical exemptions would not apply.

- (f) Historical Resources. A categorical exemption shall not be used for a project which may cause a substantial adverse change in the significance of a historical resource.

The existing road surface will be removed and re-paved. All proposed road improvements are within the Caltrans right-of-way road easement. Cold Planing (CP) would remove surface of the existing pavement to the desired depth. The ground below would be leveled to remove bumps, dips, and potholes. Areas outside the paved road right-of-way include installation of signs in the same approximately location of existing signs. New development is limited to the Pedestrian Hybrid Beacon (PHB), and two flashing beacons. These areas are in highly disturbed road shoulders and are not expected to impact subsurface resources. Although the proposed project is unlikely to result in impacts to archaeological resources, future ground disturbance activities will be subject to a condition of approval to ensure the protection of any archaeological resources if they are inadvertently encountered during ground disturbance activities (Exhibit 5, Condition of Approval No.17).

Therefore, this exception to the categorical exemptions would not apply.

## **CONCLUSION**

Based on the above analysis, the proposed Project meets the qualifications of the Class 1 (Section 15301 - Existing Facilities), Class 2 (Section 15302 - Replacement or Reconstruction), Class 3 (Section 15303 - New Construction of Small Structures), and Class 4 (Section 15304 - Minor Alterations to Land) categorical exemptions. Staff has determined that no unusual circumstances or other exceptions set forth in CEQA Guidelines section 15300.2 preclude use of the sections 15301, 15302, 15303, and 15304 categorical exemptions. Therefore, staff has determined that this Project is categorically exempt pursuant to sections 15301, 15302, 15303, 15304, 15282 of the CEQA Guidelines and the project complies with the requirements of the CEQA Guidelines.

### **C. CONSISTENCY WITH THE GENERAL PLAN**

The 2040 Ventura County General Plan Goals, Policies and Programs (2020, page 1-1) states:

*All area plans, specific plans subdivision, public works projects, and zoning decisions must be consistent with the direction provided in the County's General Plan.*

Finally, the Ventura County CZO (Section 8181-3.5.a) states that in order to be approved, a project must be found consistent with all applicable policies of the Ventura County Coastal Area Plan.

The proposed Project has been analyzed and found to be consistent with applicable provisions of the Ventura County General Plan and Coastal Area Plan. The analysis is presented as Exhibit 4.

### **D. ZONING ORDINANCE COMPLIANCE**

The proposed project is considered "development" as defined by Coastal Act Section 30106. Coastal Act Section 30610 states in part, "...no coastal development permit shall be required for... (c) Repair or maintenance activities that do not result in an addition to, or enlargement or expansion of, the object of such repair or maintenance activities; provided, however, that if the Commission determines that certain extraordinary methods of repair and maintenance that involve a risk of substantial adverse environmental impact, it shall, by regulation, require that a permit be obtained under this chapter. In accordance with Repair, Maintenance and Utility Hook-up Exclusions from Permit Requirements, adopted by the Coastal Commission on Sept. 5, 1978, no permit is required for repair and maintenance of existing public roads including resurfacing, safety barriers and railings, signing, and other comparable development within the existing right-of-way. Maintenance activities are generally those necessary to preserve the highway facility as it was constructed. A new crosswalk with a Pedestrian Hybrid Beacon (PHB) and two flashing beacons would be installed at PM 24.4 near Mondo's Beach and is subject to the

requirements of the Ventura County CZO (8174-5). The CEQA Guidelines define a project under CEQA as “the whole of the action” that may result either directly or indirectly in physical changes to the environment. Therefore, the re-paving of SR 1 is included in the Coastal PD project description. The proposed maintenance, repair, and upgrades to SR1 is allowed in the COS zone with the granting of a Coastal PD Permit. Upon the granting of the Coastal PD permit, the Permittee (Caltrans) will be in compliance with the requirements of the Ventura County CZO.

## **E. PD PERMIT FINDINGS AND SUPPORTING EVIDENCE**

The Planning Director must make certain findings in order to determine that the proposed project is consistent with the permit approval standards of the Ventura County CZO (Section 8181-3.5 et seq.). The proposed findings and supporting evidence are as follows:

### **1. The proposed development is consistent with the intent and provisions of the County's Certified Local Coastal Program [Section 8181-3.5.a].**

Based on the information and analysis presented in Sections C and D of this staff report, the finding that the proposed development is consistent with the intent and provisions of the County's Certified Local Coastal Program can be made.

### **2. The proposed development is compatible with the character of surrounding development [Section 8181-3.5.b].**

The proposed improvements and maintenance activities on State Route 1 will not substantially change the character of the area or adversely affect any nearby development. The existing road surface will be removed and re-paved. Approximately 6,620 linear feet (LF) of metal beam guard rails (MBGR) (29 inches in height) will be replaced with approximately 7,015 LF of the Midwest Guardrail System (MGS) (31 inches in height). The additional 395 LF of MGS is not limited to a specific location and instead ensures guardrails being replaced comply with new standard requirements that the minimum length of MGS be 150 feet. A total of 396 signs along the limits of the project site will be replaced with new signs of the same size and regulatory, warning and guide information. No new signs are proposed.

A new crosswalk is proposed at Mondos Beach, a popular surfing location. The speed limit on SR 1 is 45 miles per hour. Currently, beachgoers randomly cross SR 1 in varying locations. Lane delineators are installed in the middle of the roadway, with some missing. There is also a slight curve in the roadway north of the Mondos Beach parking area. The number of people crossing the street can present conflicts with motorists. The proposed crosswalk will identify a legal crosswalk informing pedestrians where to cross and motorists of the pending crosswalk. The crosswalk will be striped across SR 1, and a Pedestrian Hybrid Beacon (PHB) will be installed above with two flashing beacons to warn north and south bound vehicles. The marked crosswalk will have a pedestrian push button

device on either side of SR 1 for pedestrians to use when they are ready to enter the crosswalk. The 30-foot-tall light post with a 26-foot-tall PHB will be installed on the north side of the cross walk. The PHB extends approximately 55 feet over SR 1 and will include pedestrian beacons and a sign mounted on the pole. One 20 foot tall warning beacon with a pole that extends approximately 18 feet across SR 1 will be installed approximately 55 feet east of the cross walk (northbound lane) and one 26-foot-tall warning beacon with a pole that extends approximately 55 feet across SR 1 will be installed approximately 62 feet west of the cross walk (southbound lane). The flashing beacons warn drivers of the upcoming crosswalk. Additionally, one utility cabinet (5.5 feet high, 2 feet wide, and 2.5 feet depth) would be installed on landward side of the crosswalk.

The proposed crosswalk and incidental equipment are similar to a signalized crosswalk located north of Las Flores Road in Malibu. Further, the California Manual on Uniform Traffic Control Devices (CA-MUTCD) guidance under Section 4F.03 – Operations of Pedestrian Hybrid Beacons, Section 4L.01 – General Design and Operation of Flashing Beacons, and Section 4L.03 – Warning Beacons indicates a flashing warning beacon may be installed to supplement advance working signage for the isolated crosswalks, enhancing the warning that a crosswalk is ahead. The guidance has been part of the 2014 CA-MUTCD since 2014.

All proposed improvements, structures and utilities comply with Caltrans' current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance.

Based on the discussion above, this finding can be made.

- 3. The proposed development, if a conditionally permitted use, is compatible with planned land uses in the general area where the development is to be located [Section 8181-3.5.c].**

The proposed improvement and maintenance activities on State Route 1 does not require a Conditional Use Permit. Thus, this finding does not apply to the project.

- 4. The proposed development would not be obnoxious or harmful, or impair the utility of neighboring property or uses [Section 8181-3.5.d].**

The project will temporarily close the Rincon Parkway Campground and hinder public parking and access to beaches and private property along the project site. Construction activities will be completed in shifts and public access will be made available as soon as construction of that portion of SR 1 is complete. Striping of the roads and bike lane will be completed when all re-paving activities are finished. Replacement signs and upgrading guardrails would not obstruct public access.

Ventura County General Services Agency, Parks Department, and private property owners will be notified by mail when SR 1 will be under construction and

“Temporary No Parking” signs will be posted with the dates of the closure (Exhibit 5, Condition of Approval Nos. 1 and 21). General Services Agency County Parks will be advised when the Rincon Parkway Campground will need to be temporarily closed (Exhibit 5, Condition of Approval No. 20). Areas along SR 1 not under construction will remain open to the public.

Traffic control measures will include flagmen to direct vehicles, pedestrians, and bicyclists through designated detours. Except for temporary construction activities that result in an inconvenience to property owners and beachgoers that use SR 1, no adverse effect on neighboring properties or ongoing uses has been identified that would result from the proposed project.

Based on the discussion above, this finding can be made.

**5. The proposed development would not be detrimental to the public interest, health, safety, convenience, or welfare [Section 8181-3.5.e].**

No effect of the project has been identified that would be detrimental to the public interest, health, safety, or welfare. The proposed improvements would, in fact, enhance public safety. The purpose of the project is to maintain the integrity and sustainability of SR 1 and public safety. The proposed crosswalk and incidental equipment are considered a street improvement that provides beachgoers safe access across SR 1 to the beach.

Based on the discussion above, this finding can be made.

**F. PLANNING DIRECTOR HEARING NOTICE, PUBLIC COMMENTS, AND JURISDICTIONAL COMMENTS**

The Planning Division provided public notice regarding the Planning Director hearing in accordance with the Government Code (Section 65091), CZO (Section 8181-6.2 et seq.) On June 13, 2022, the Planning Division mailed notice to owners of property and residents of the property on which the project site is located. The Planning Division’s request for a legal ad in the *Ventura County Star* was not fulfilled and the Planning Director hearing will be continued to July 14, 2022. The legal ad in the *Ventura County Star* will be placed the week of July 4, 2022.

**G. RECOMMENDED ACTIONS**

Based upon the analysis and information provided above, Planning Division Staff recommends that the Planning Director take the following actions:

1. **CERTIFY** that the Planning Director has reviewed and considered this staff report and all exhibits thereto, and has considered all comments received during the public comment process;

2. **FIND** that this project is categorically exempt from CEQA pursuant to Sections 15301(c) [Existing Facilities], 15302 [Replacement or Reconstruction], 15303(d) [New Construction of Small Structures], 15304 [Minor Alterations to Land], and 15282(j) [Other Statutory Exemptions] of the CEQA Guidelines.
3. **MAKE** the required findings to grant a Planned Development Permit (PD) pursuant to Section 8181-3.5 of the Ventura County CZO, based on the substantial evidence presented in Section E of this staff report and the entire record;
4. **GRANT** Coastal PD Permit Case No. PL22-0002, subject to the conditions of approval (Exhibit 5).
5. **SPECIFY** that the Clerk of the Planning Division is the custodian, and 800 S. Victoria Avenue, Ventura, CA 93009 is the location, of the documents and materials that constitute the record of proceedings upon which this decision is based.

The decision of the Planning Director is final unless appealed to the Planning Commission within 10 calendar days after the permit has been approved, conditionally approved, or denied (or on the following workday if the 10<sup>th</sup> day falls on a weekend or holiday). Any aggrieved person may file an appeal of the decision with the Planning Division. The Planning Division shall then set a hearing date before the Planning Commission to review the matter at the earliest convenient date.

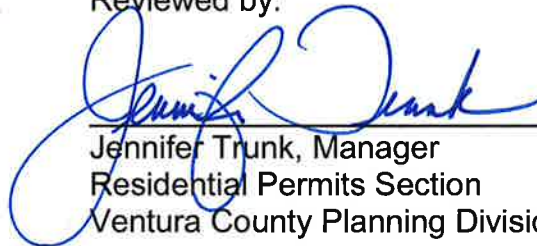
If you have any questions concerning the information presented above, please contact Noe Torres at (805) 654-3635 or [Noe.Torres@ventura.org](mailto:Noe.Torres@ventura.org).

Prepared by:



\_\_\_\_\_  
Noe Torres, Case Planner  
Residential Permits Section  
Ventura County Planning Division

Reviewed by:



\_\_\_\_\_  
Jennifer Trunk, Manager  
Residential Permits Section  
Ventura County Planning Division

#### EXHIBITS

- Exhibit 2 Maps
- Exhibit 3 Plans
- Exhibit 4 General Plan Consistency
- Exhibit 5 Conditions of Approval and Minimization Measures
- Exhibit 6 Natural Environment Study (Caltrans – October 2019)



- SR1 post mile 21.2 - 28.4
- VEN-1 Cold Plane and Overlay AC Pavement Project
- Adjacent Parcels

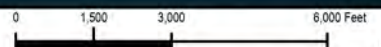
California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, Maxar



Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



**County of Ventura  
Planning Director Hearing  
PL22-0002  
Exhibit 2 - Maps**



Disclaimer: this map was created by the Ventura County Resource Management Agency Information Systems GIS, which is designed and operated solely for the convenience of the County and related public agencies. The County does not warrant the accuracy of this map and no decision involving a risk of economic loss or physical injury should be made in reliance therein







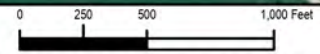
Maxar, Microsoft, Esri Community Maps Contributors, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., IGN, NAVTEQ, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA



Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



County of Ventura  
Planning Division  
PL22-0002  
Aerial Location Map



Disclaimer: this map was created by the Ventura County Resource Management Agency Information Systems GIS, which is designed and operated solely for the convenience of the County and related public agencies. The County does not warrant the accuracy of this map and no decision involving a risk of economic loss or physical injury should be made in reliance therein





Esri Community Maps Contributors, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Maxar



Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



County of Ventura  
Planning Division  
PL22-0002  
Aerial Location Map



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Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



County of Ventura  
Planning Division  
PL22-0002  
**Aerial Location Map**



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Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



County of Ventura  
Planning Division  
PL22-0002  
Aerial Location Map



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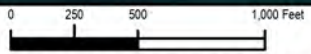
Esri Community Maps Contributors, City of Ventura, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Maxar



Ventura County  
Resource Management Agency  
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County of Ventura  
Planning Division  
PL22-0002  
**Aerial Location Map**



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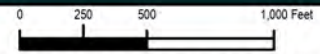
Esri Community Maps Contributors, City of Ventura, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Maxar, Microsoft



Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



County of Ventura  
Planning Division  
PL22-0002  
**Aerial Location Map**



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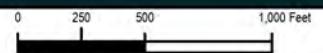
Esri Community Maps Contributors, City of Ventura, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Maxar



Ventura County  
Resource Management Agency  
Information Systems GIS Services  
Map created on 6/8/2022



County of Ventura  
Planning Division  
PL22-0002  
**Aerial Location Map**



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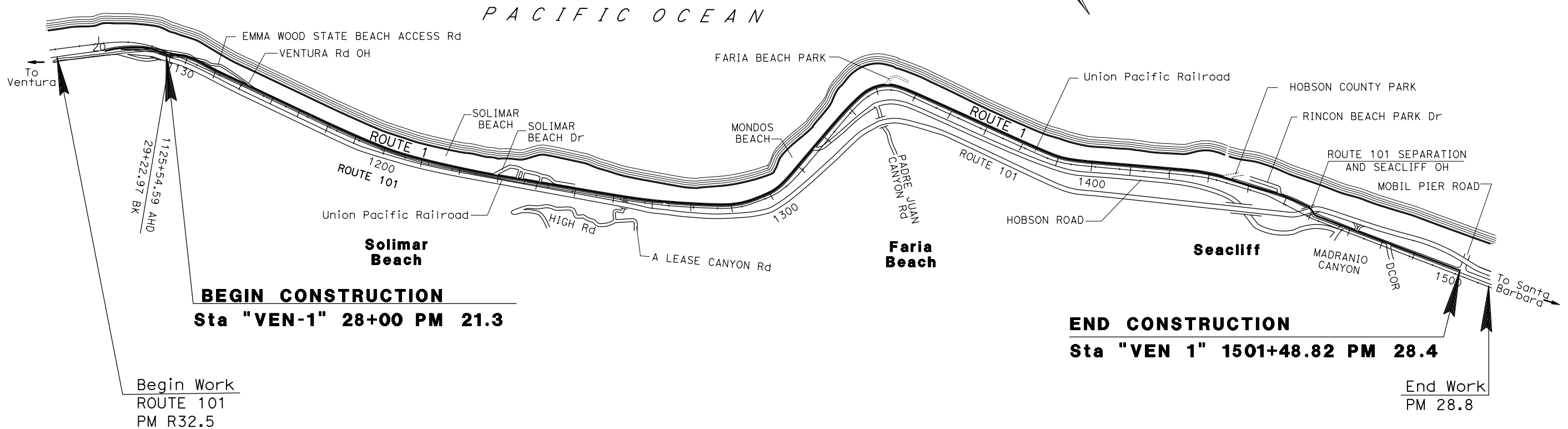
INDEX OF PLANS

SHEET NO.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-8	TYPICAL CROSS SECTION
9-35	LAYOUT
36-43	CONSTRUCTION DETAIL
44-51	DRAINAGE PLAN
52	DRAINAGE DETAILS
53	DRAINAGE QUANTITIES
54-80	UTILITY PLAN
81	CONSTRUCTION AREA SIGNS
82	PAVEMENT DELINEATION PLAN
83	PAVEMENT DELINEATION DETAILS
84	PAVEMENT DELINEATION QUANTITIES
85-111	SIGN PLAN
112-118	SIGN DETAILS
119-155	SIGN QUANTITIES
156-157	SUMMARY OF QUANTITIES
158-164	ELECTRICAL PLANS AND QUANTITIES

**STATE OF CALIFORNIA**  
**DEPARTMENT OF TRANSPORTATION**  
**PROJECT PLANS FOR CONSTRUCTION ON**  
**STATE HIGHWAY**  
**IN VENTURA COUNTY**  
**AT SEACLIFF**  
**FROM NORTH JUNCTION 101 - SOLIMAR UC**  
**TO MOBIL PIER ROAD**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2018

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.3/28.4	1	164



PROJECT MANAGER  
 JOSEPH KIBE  
 DESIGN MANAGER  
 YESSUF M

PROJECT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_  
 REGISTERED CIVIL ENGINEER  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

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.

CONTRACT No.	<b>07-323904</b>
PROJECT ID	<b>0716000072</b>

**County of Ventura**  
**Planning Director Hearing**  
**PL22-0002**  
**Exhibit 3 - Plans**

DATE PLOTTED => 2-FEB-2022  
 TIME PLOTTED => 09:31  
 LAST REVISION 02-02-22



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	2	164

REGISTERED CIVIL ENGINEER	DATE
<b>DANG KHOA VO</b>	No. 89779
PLANS APPROVAL DATE	Exp. 3/31/23
<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>	

**NOTES:**

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- OMIT COLD PLANE AND ASPHALT CONCRETE PLACE BRIDGE DECKS.
- EXACT LOCATION AND TYPES OF DIKES, CHANNELIZER AND GUARD RAILING ARE SHOWN ON THE LAYOUTS AND SUMMARY OF QUANTITY SHEETS.
- FOR CONFORMED TO EXISTING PAVEMENT, SEE CONSTRUCTION DETAIL.
- TAPERED EDGE IS NOT NEEDED IN THE AREA OF MGS, BARRIER, DRAINAGE HEADWALL AND RETAINING WALL
- FOR VEGETATION CONTROL MAT (RUBBER OR FIBER), SEE STANDARD PLANS A77N12 TO A77N18.
- FOR COMPLETE PROJECT CONTROL AND MONUMENTATION DATA, SEE THE SURVEY RECORDS ON FILE IN THE SURVEYS DEPARTMENT AT THE DISTRICT OFFICE.

**TYPICAL PAVEMENT STRUCTURAL SECTIONS**

- OVERLAY  
0.15" RUBBERIZED HOT MIX ASPHALT (GAP GRADE) (RHMA-G)  
----- TACK COAT  
COLD PLANE  
0.15" AC PAVEMENT
- OVERLAY  
0.15" RHMA-G  
----- TACK COAT
- ASPHALTIC EMULSION (FOG SEAL COAT)

**EXISTING STRUCTURAL SECTION**

- A 0.10' RHMA-G  
0.52' HOT MIX ASPHALT  
0.46' AGGREGATE BASE

**PAVEMENT CLIMATE REGION**

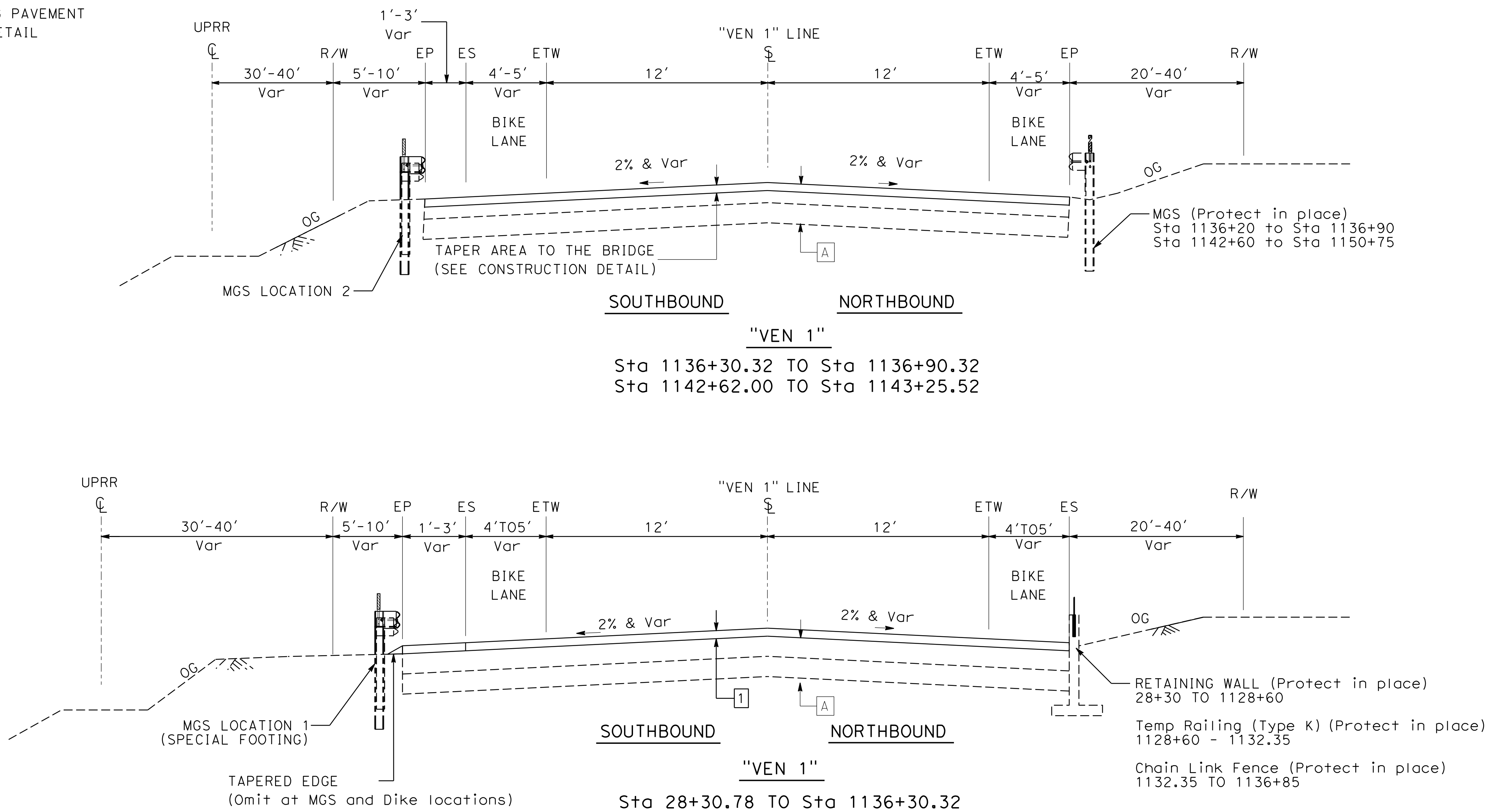
SOUTH COAST

**ABBREVIATION**

UPRR - UNION PACIFIC RAILROAD

**LEGEND**

 CONFORM TO EXISTING PAVEMENT  
SEE CONSTRUCTION DETAIL



**TYPICAL CROSS SECTIONS**

NO SCALE

**X-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
DESIGN C

FUNCTIONAL SUPERVISOR  
TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
CHECKED BY

DANG KHOA VO  
VORREITER BARNEY

REVISED BY  
DATE REVISED

x

x

x

x

x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
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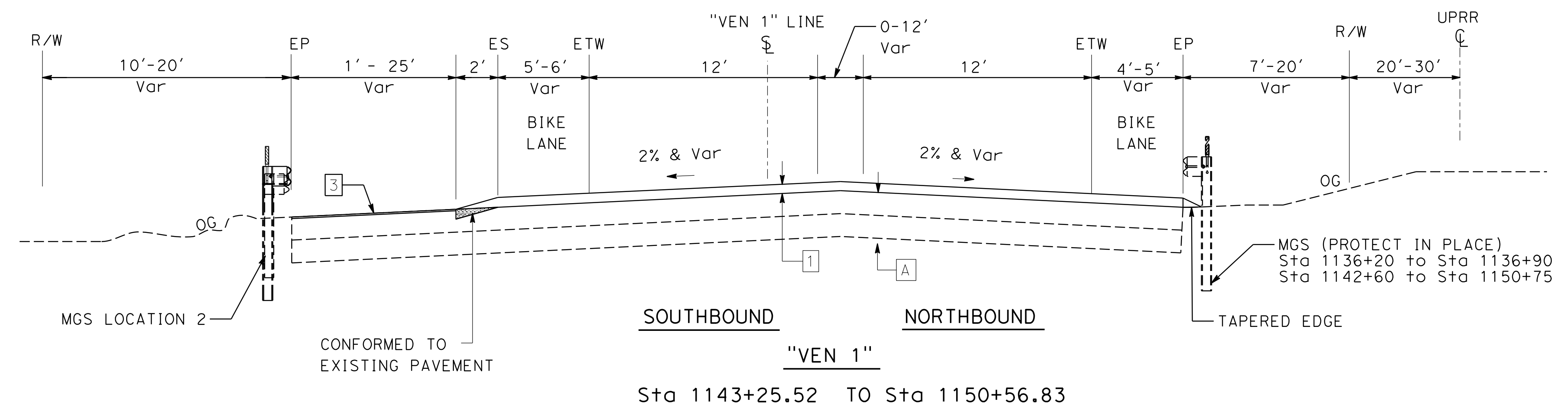
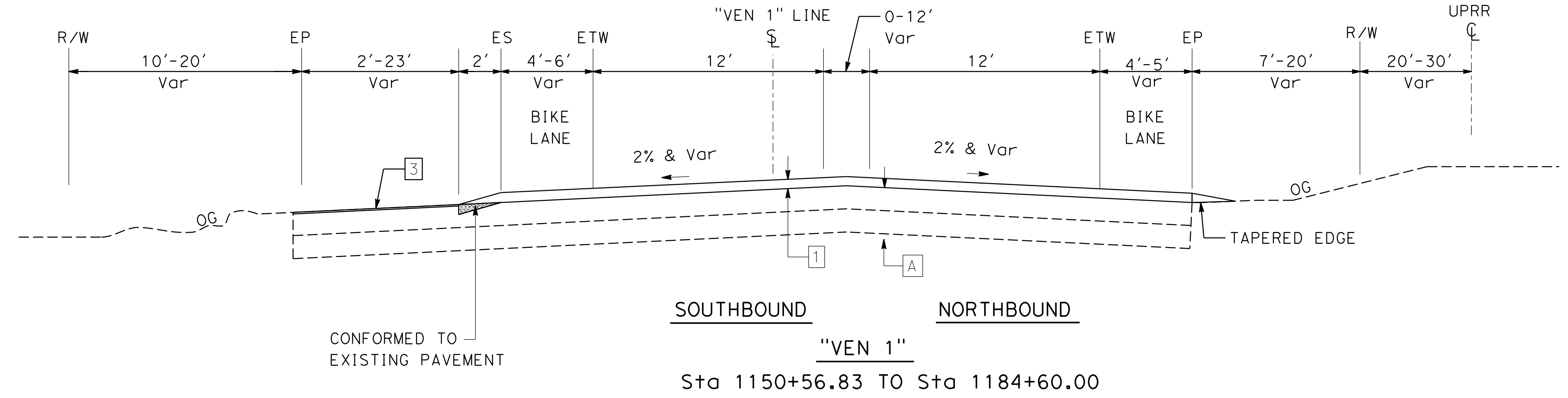
REVISED BY  
 DATE REVISED

**NOTE:**

1. 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
07	VEN	01	21.3 - 28.4	3	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 DANG KHOA VO  
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 Exp. 3/31/23  
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 PLANS APPROVAL DATE \_\_\_\_\_  
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**TYPICAL CROSS SECTIONS**  
 NO SCALE  
**X-2**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	4	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

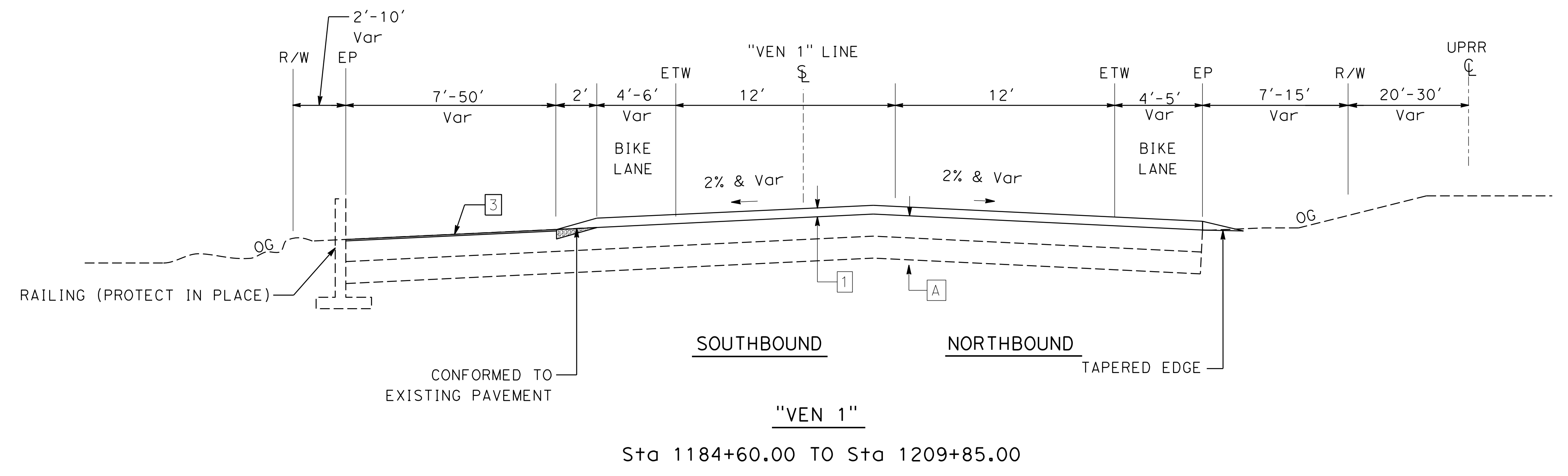
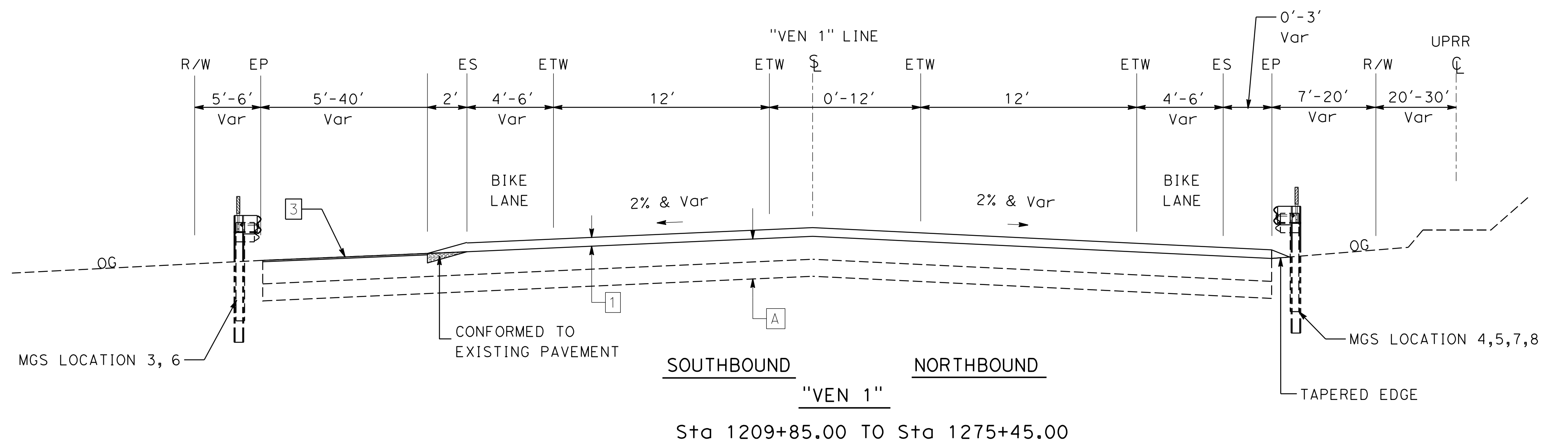
PLANS APPROVAL DATE \_\_\_\_\_

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REGISTERED PROFESSIONAL ENGINEER  
**DANG KHOA VO**  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

**NOTE:**

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



**TYPICAL CROSS SECTIONS**  
NO SCALE  
**X-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C  
 FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: \_\_\_\_\_ DATE REVISED: \_\_\_\_\_

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	5	164

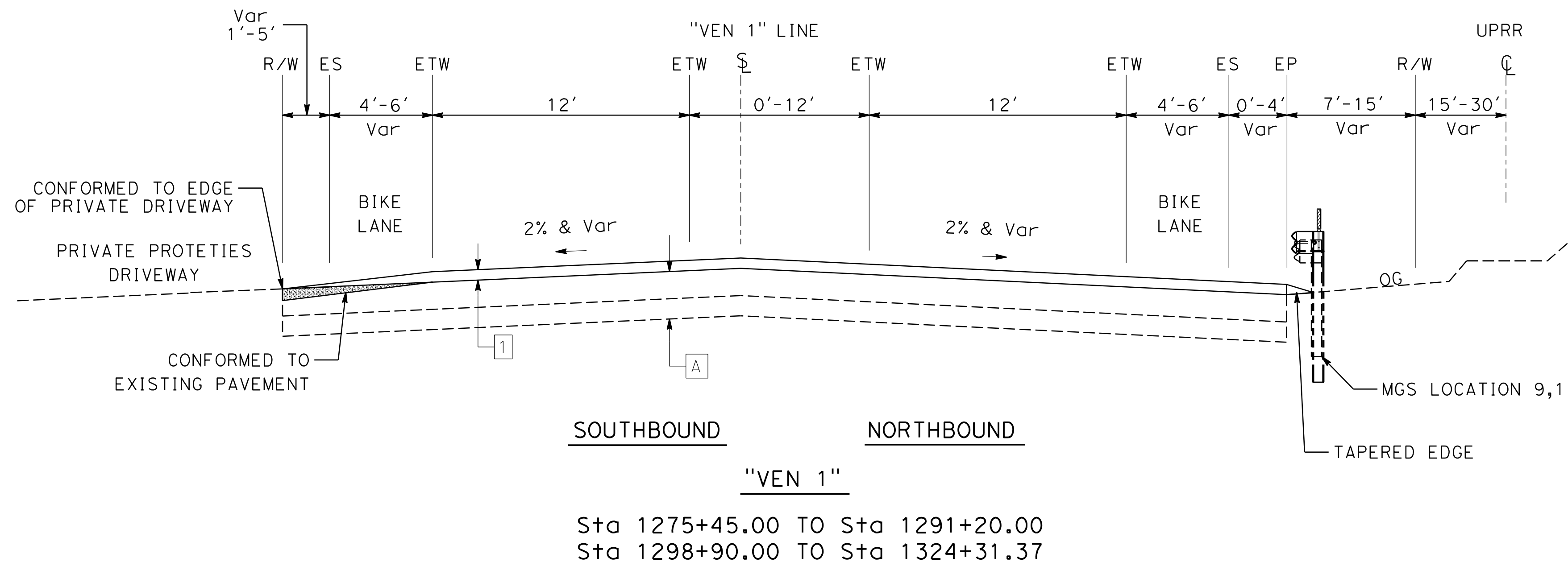
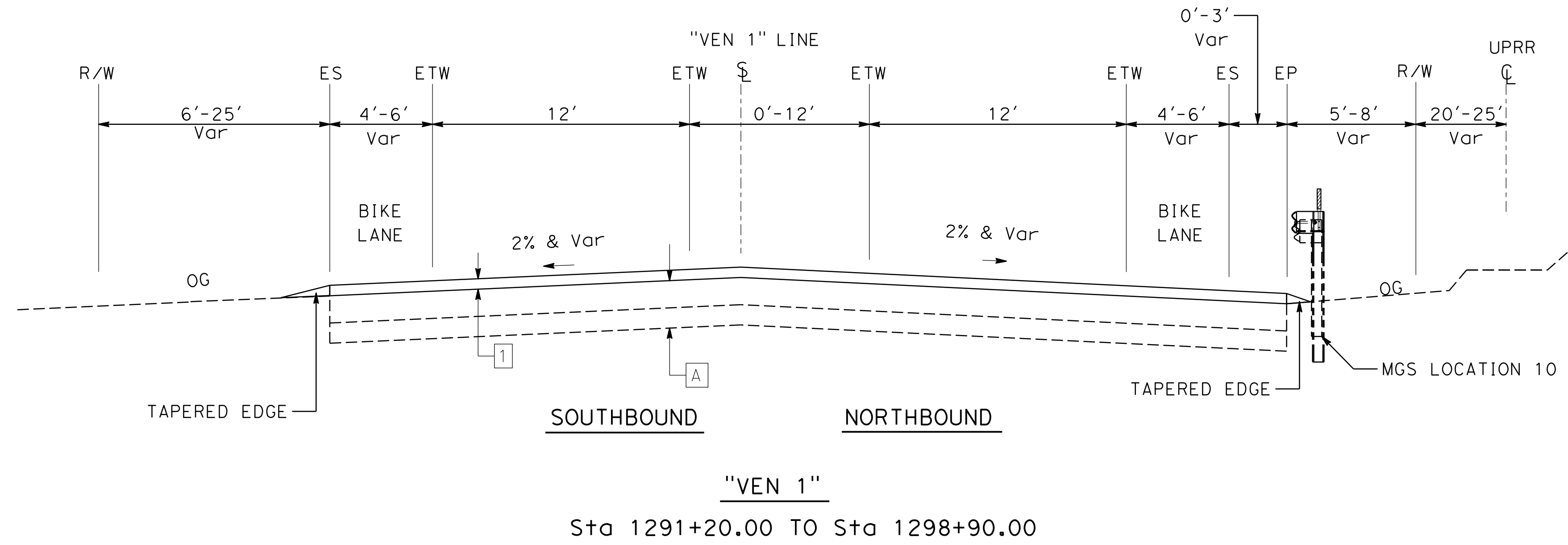
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

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**TYPICAL CROSS SECTIONS**  
NO SCALE  
**X-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISOR	DATE



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	6	164

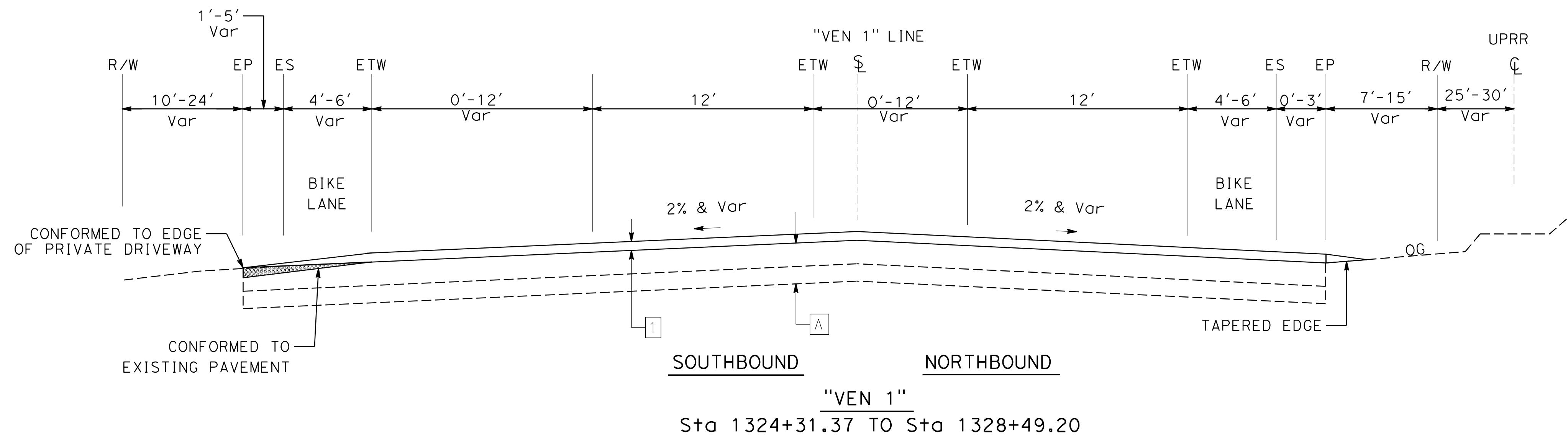
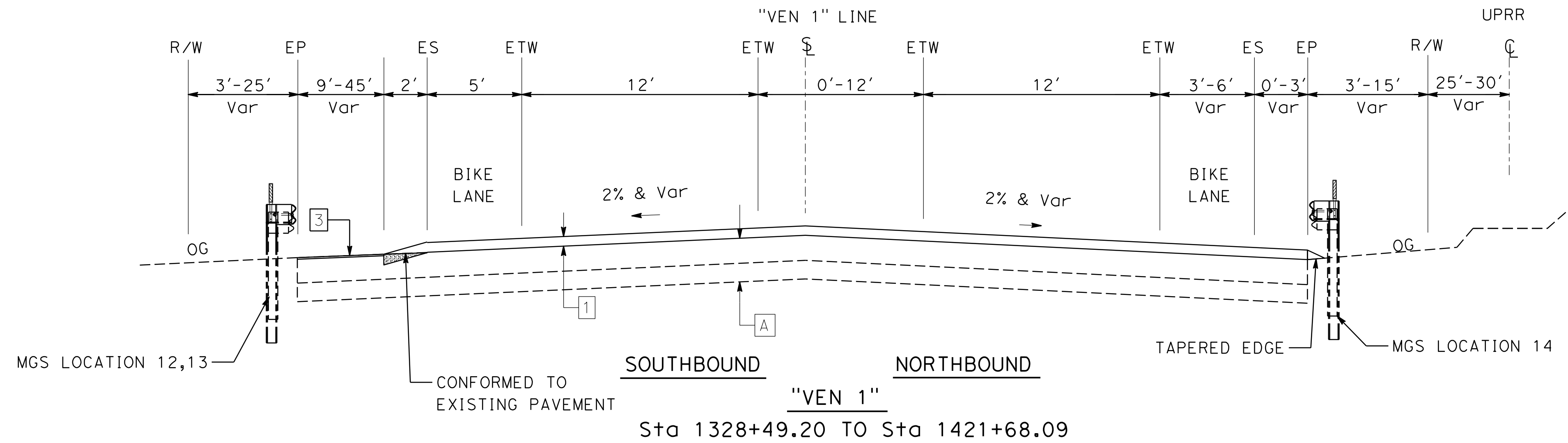
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

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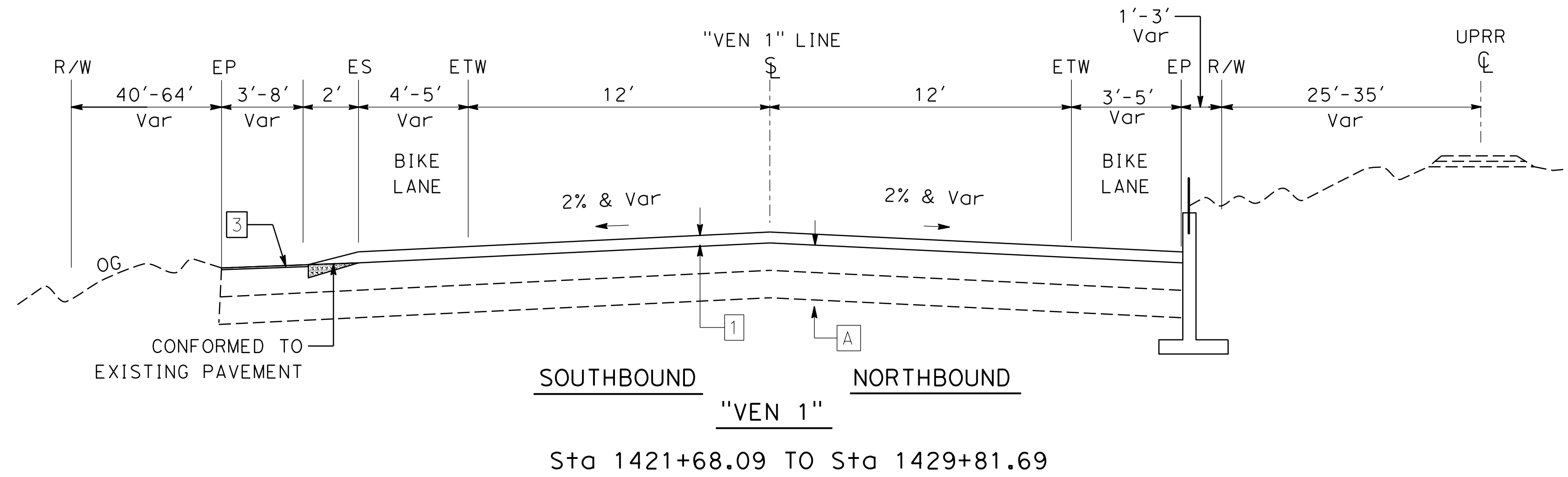
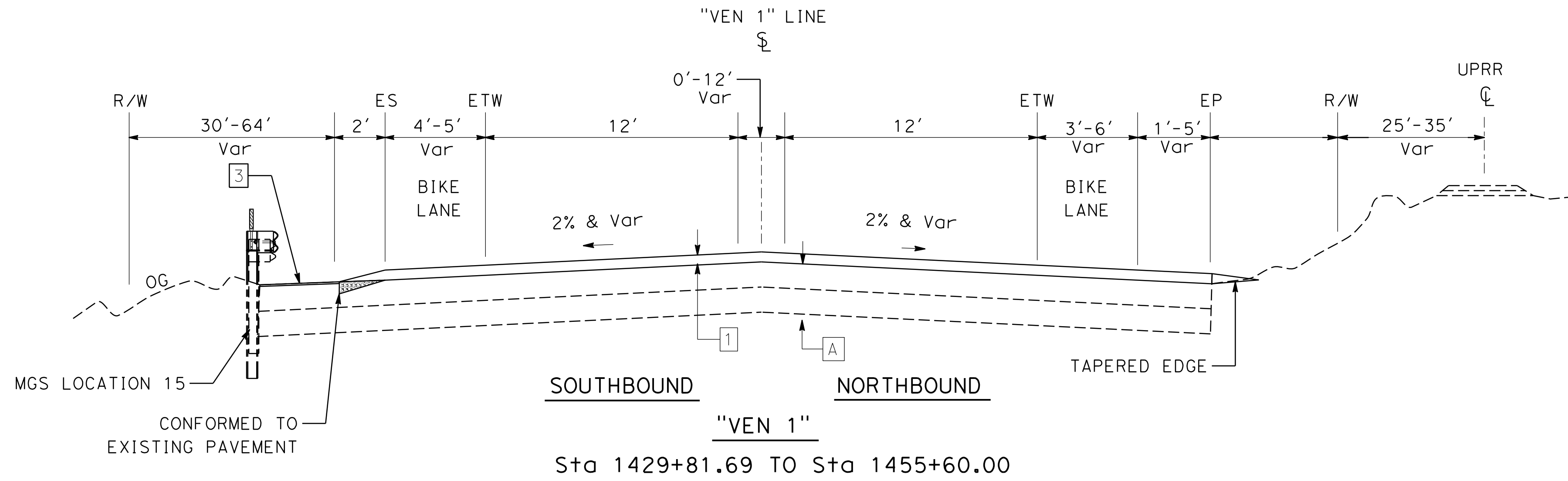


**TYPICAL CROSS SECTIONS**  
NO SCALE  
**X-5**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	7	164
REGISTERED CIVIL ENGINEER			DATE		
DANG KHOA VO			No. 89779		
PLANS APPROVAL DATE			Exp. 3/31/23		
<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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**TYPICAL CROSS SECTIONS**  
NO SCALE  
**X-6**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	8	164

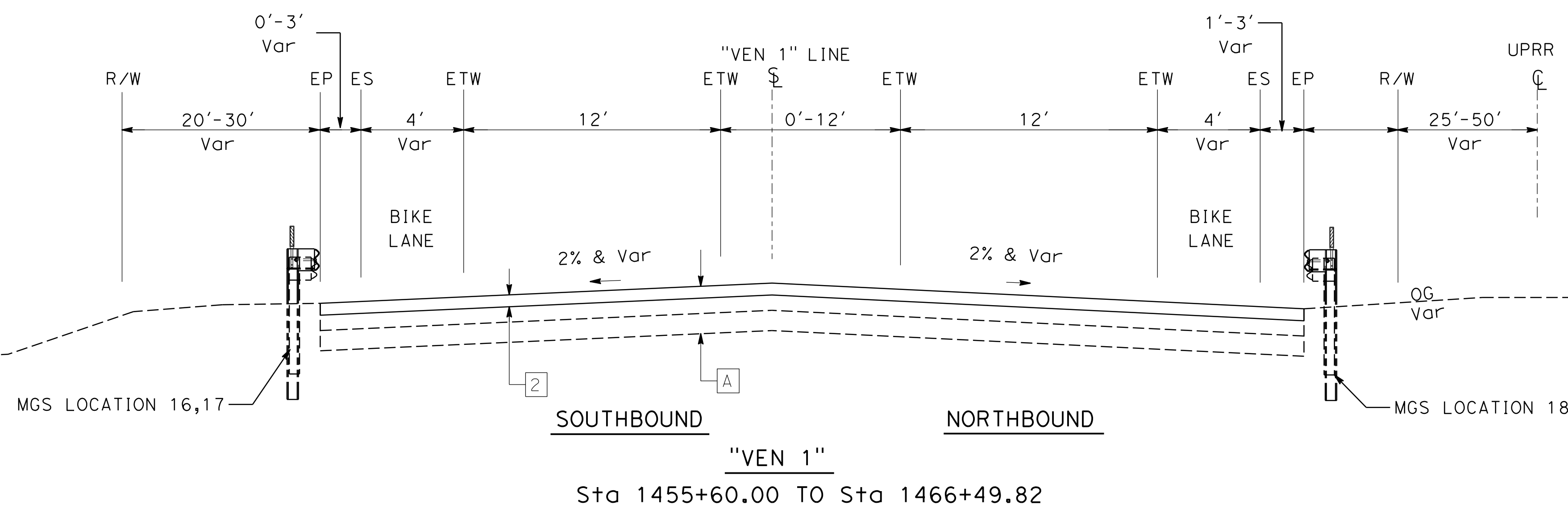
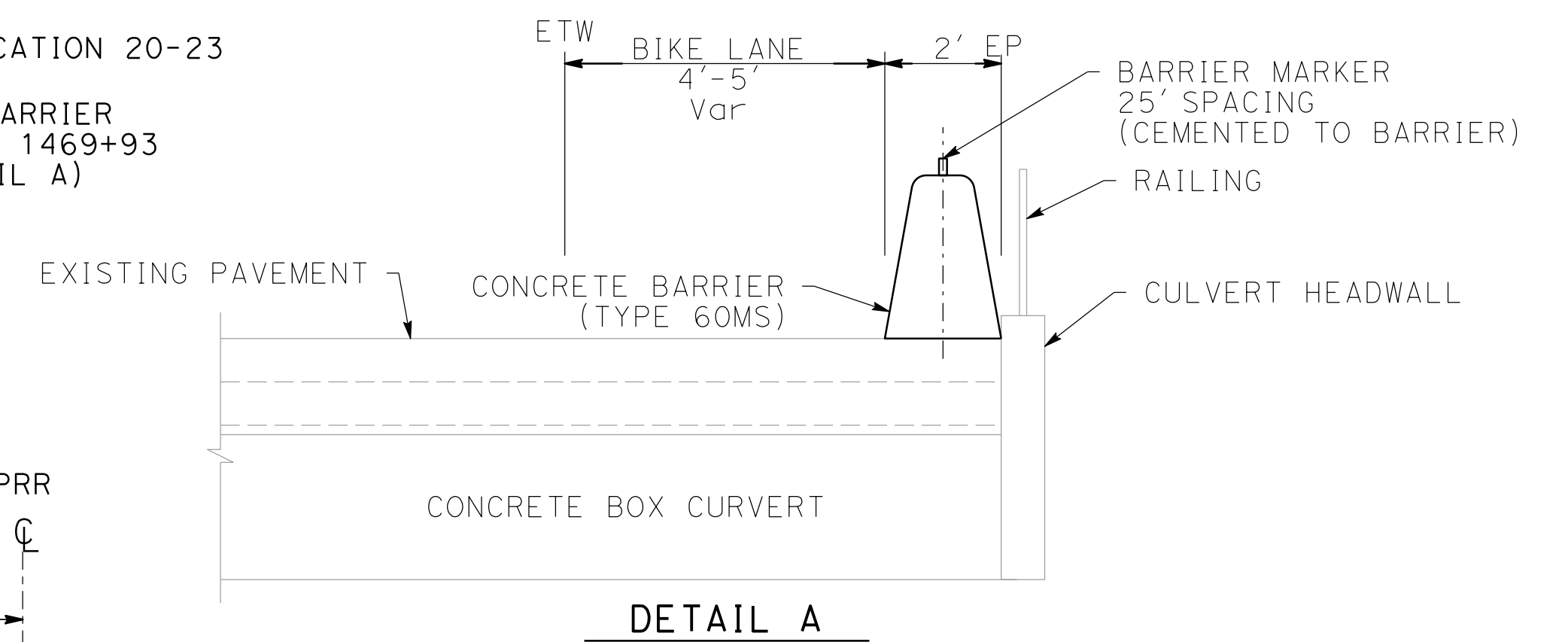
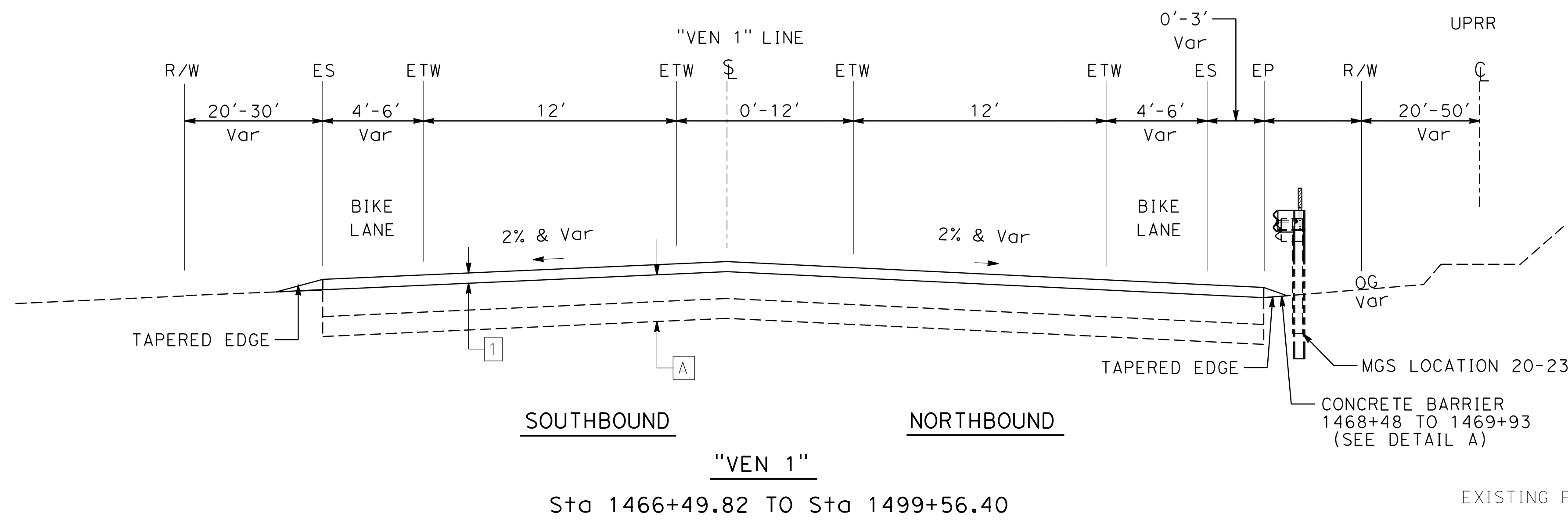
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

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**TYPICAL CROSS SECTIONS**

NO SCALE

**X-7**



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 CHECKED BY

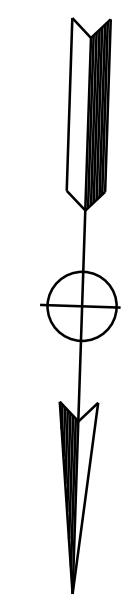
DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED

NOTE

CURVE DATA

No. #	R	Δ	T	L
1	3,250.00'	05°43'26"	162.47'	324.67'
2	1,311.29'	04°17'42"	49.17'	98.30'
3	2,000.01'	05°31'42"	96.56'	192.97'
3*	3,168.00'	07°22'43"	204.27'	407.98'



ABBREVIATION

MGS MIDWEST GUARDRAIL  
 MBGR METAL BEAM GUARDRAIL  
 (#) CURVE NUMBER

(XXXX+XX.XX) STATION CONFORM TO EXISTING  
 (XX.XX') OFFSET CONFORM TO EXISTING

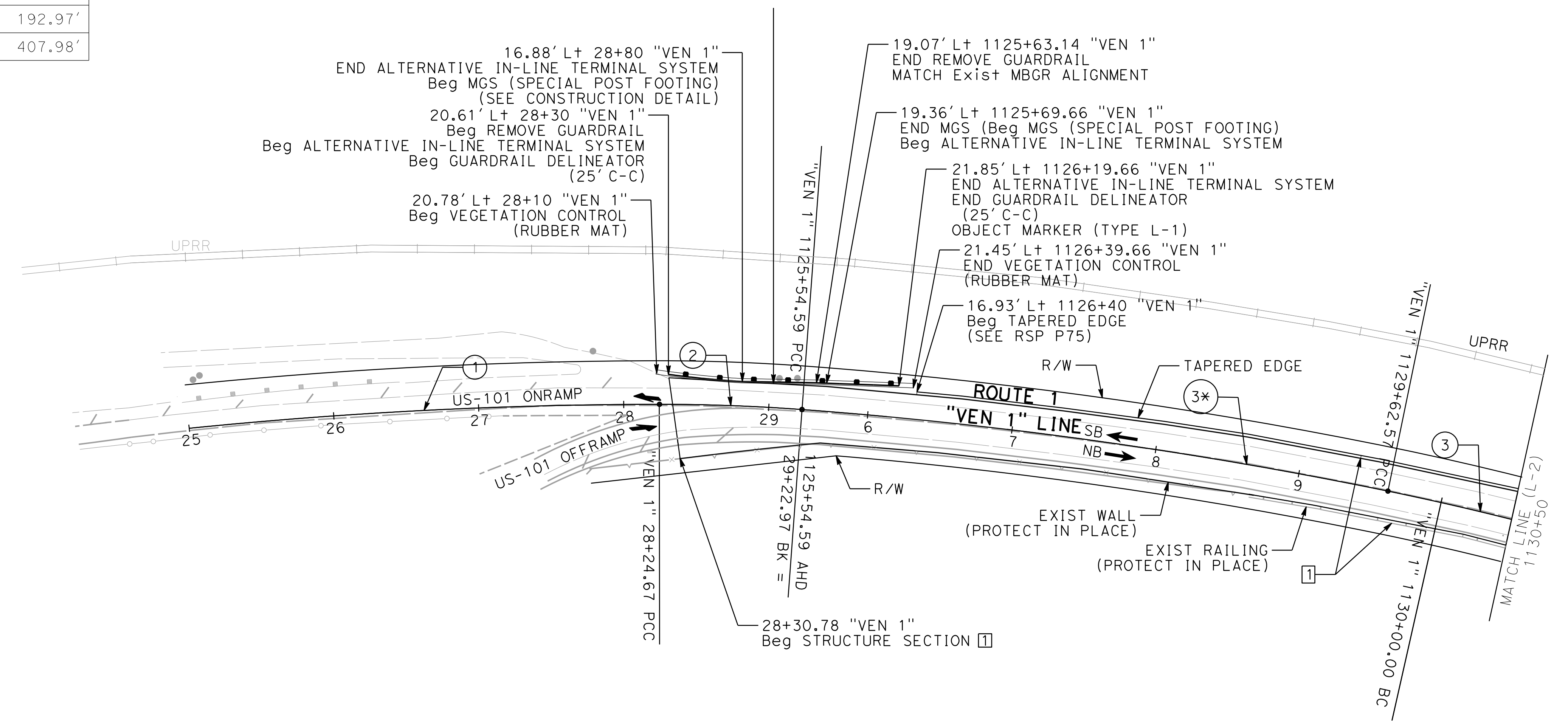
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	9	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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REGISTERED PROFESSIONAL ENGINEER  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA



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

DATE PLOTTED => 1/30/2022 TIME PLOTTED => 4:01:56 PM



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 DANG KHOA VO

CHECKED BY  
 VORREITER BARNEY

REVISOR BY  
 DANG KHOA VO

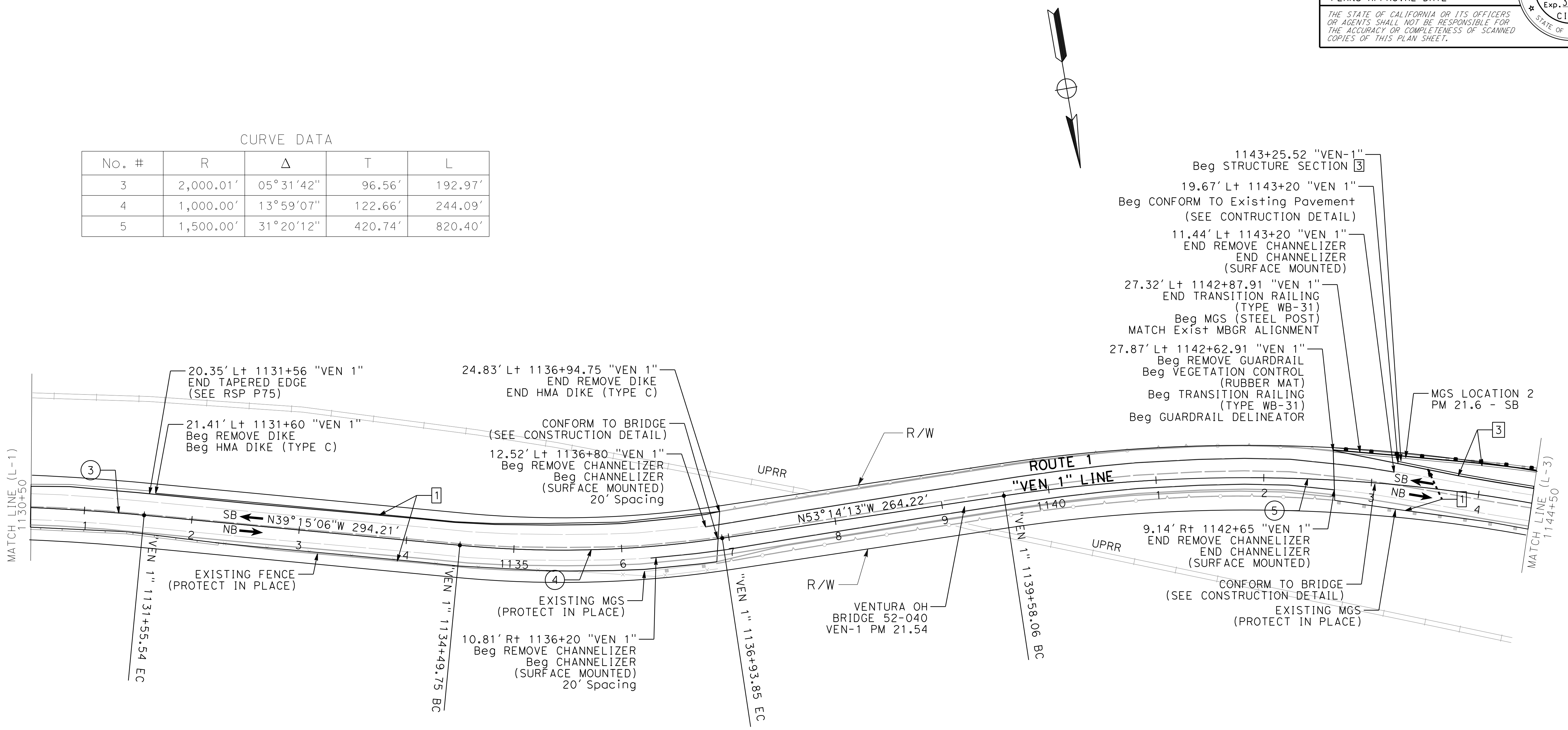
DATE REVISOR  
 DATE REVISOR

**NOTE**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
3	2,000.01'	05°31'42"	96.56'	192.97'
4	1,000.00'	13°59'07"	122.66'	244.09'
5	1,500.00'	31°20'12"	420.74'	820.40'



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	10	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL

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.

(\* ) TAPER EDGE: FOR TAPERED EDGE TO EXISTING PAVEMENT  
 SEE CONSTRUCTION DETAIL

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

DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:10:57 PM

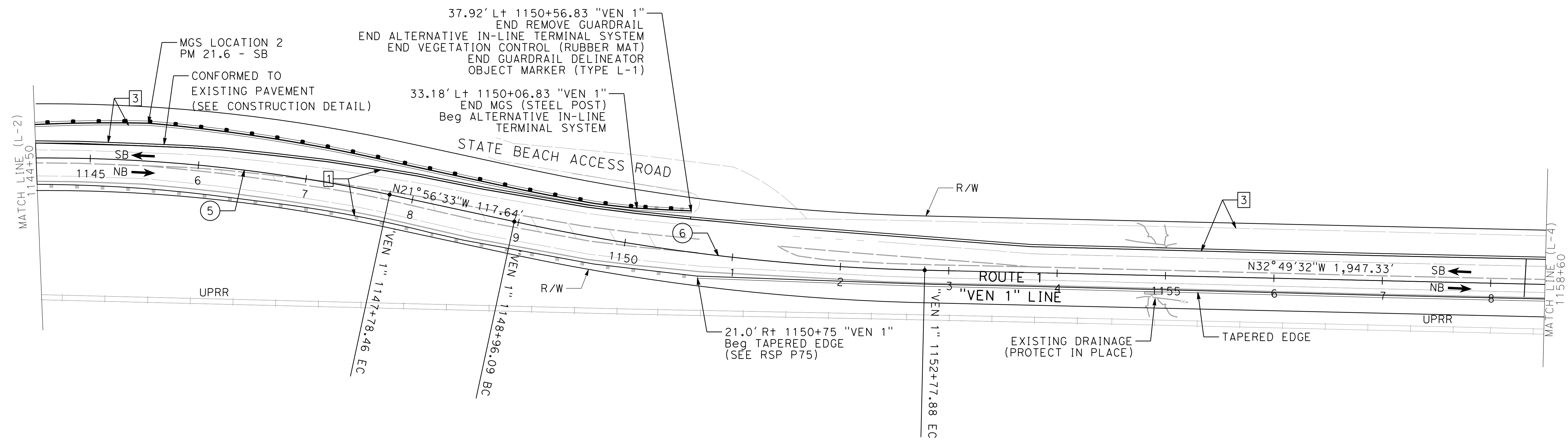
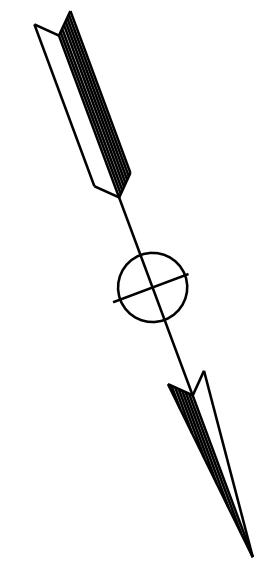


**NOTE**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
5	1,500.00'	31°20'12"	420.74'	820.40'
6	2,010.00'	10°52'58"	191.47'	381.78'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: \_\_\_\_\_  
 DATE REVISED: \_\_\_\_\_

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

DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:10:57 PM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	12	164

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

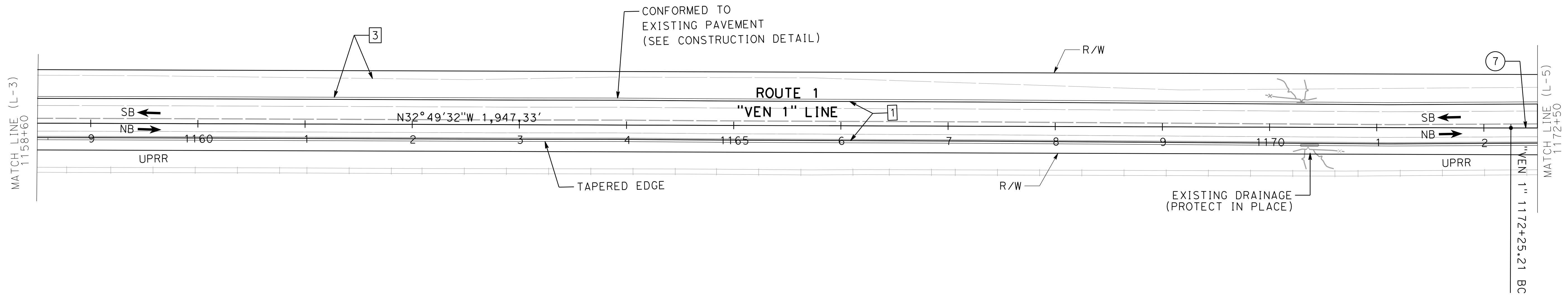
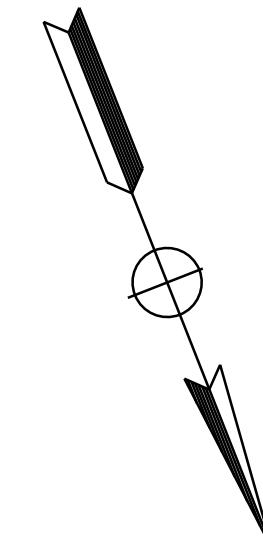
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE**

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**CURVE DATA**

No. #	R	Δ	T	L
7	11,304.05'	11°48'17"	1,168.64'	2,329.00'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**  
 FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: [ ]  
 DATE REVISED: [ ]

**LAYOUT**

SCALE: 1" = 50'

**L-4**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	13	164

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

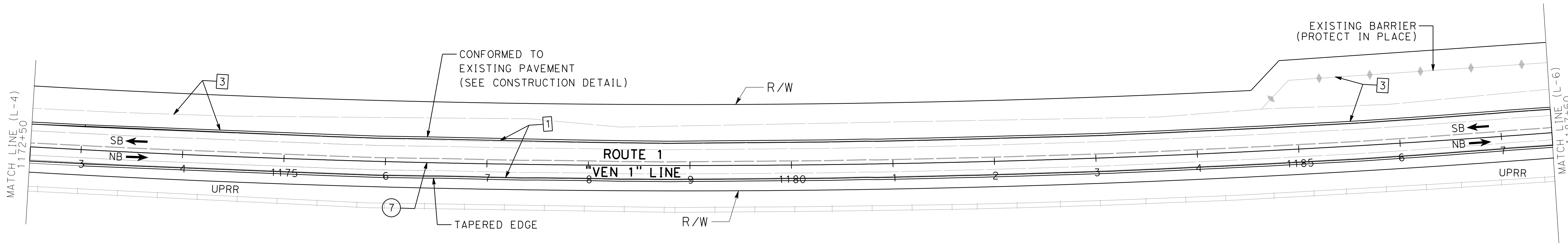
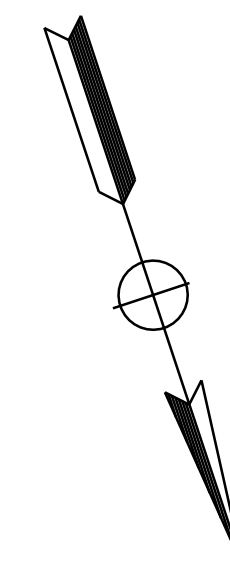
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE:**

- RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
7	11,304.05'	11°48'17"	1,168.64'	2,329.00'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
Caltrans	
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

**LAYOUT**

SCALE: 1" = 50'

**L-5**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	14	164

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

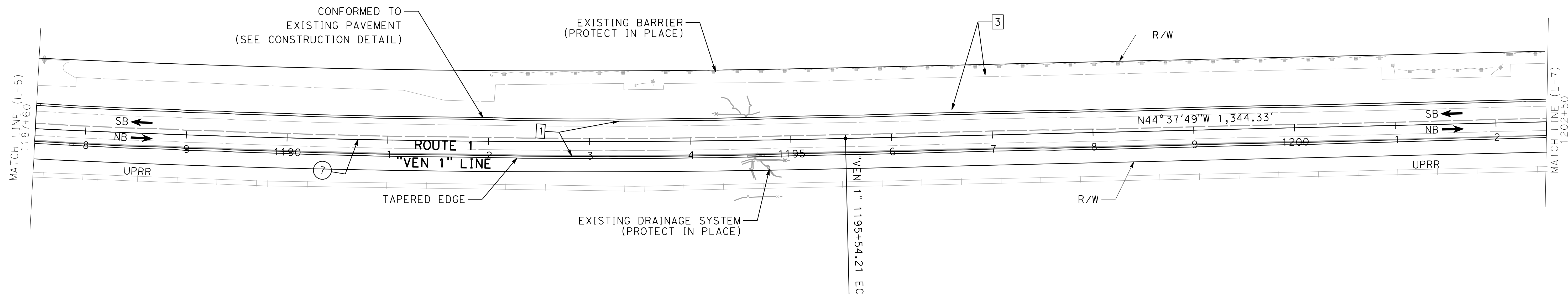
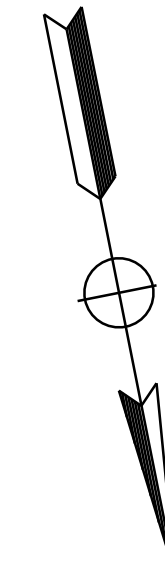
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE:**

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**CURVE DATA**

No. #	R	$\Delta$	T	L
7	11,304.05'	11°48'17"	1,168.64'	2,329.00'



**LAYOUT**

SCALE: 1" = 50'

**L-6**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
Caltrans	
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED/DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 CHECKED BY

DANG KHOA VO  
 VORREITER BARNEY

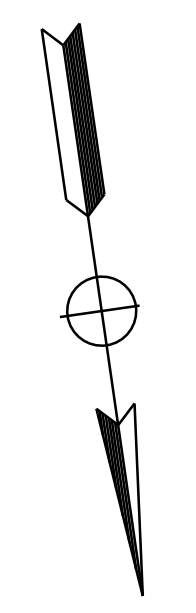
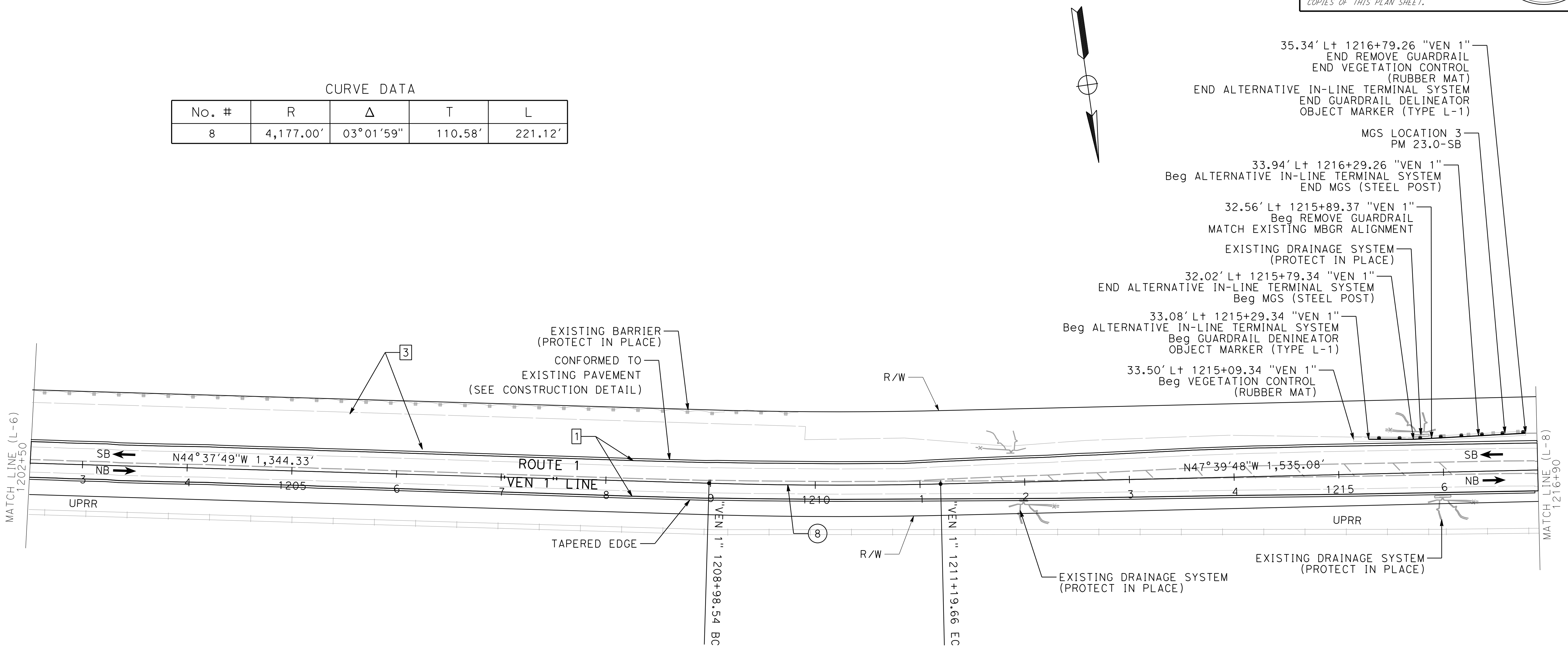
REVISED BY  
 DATE REVISED

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

CURVE DATA

No. #	R	Δ	T	L
8	4,177.00'	03°01'59"	110.58'	221.12'



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	15	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

**LAYOUT**  
 SCALE: 1" = 50'  
**L-7**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	17	164

REGISTERED CIVIL ENGINEER	DATE
<b>DANG KHOA VO</b>	
No. 89779	
Exp. 3/31/23	
CIVIL	

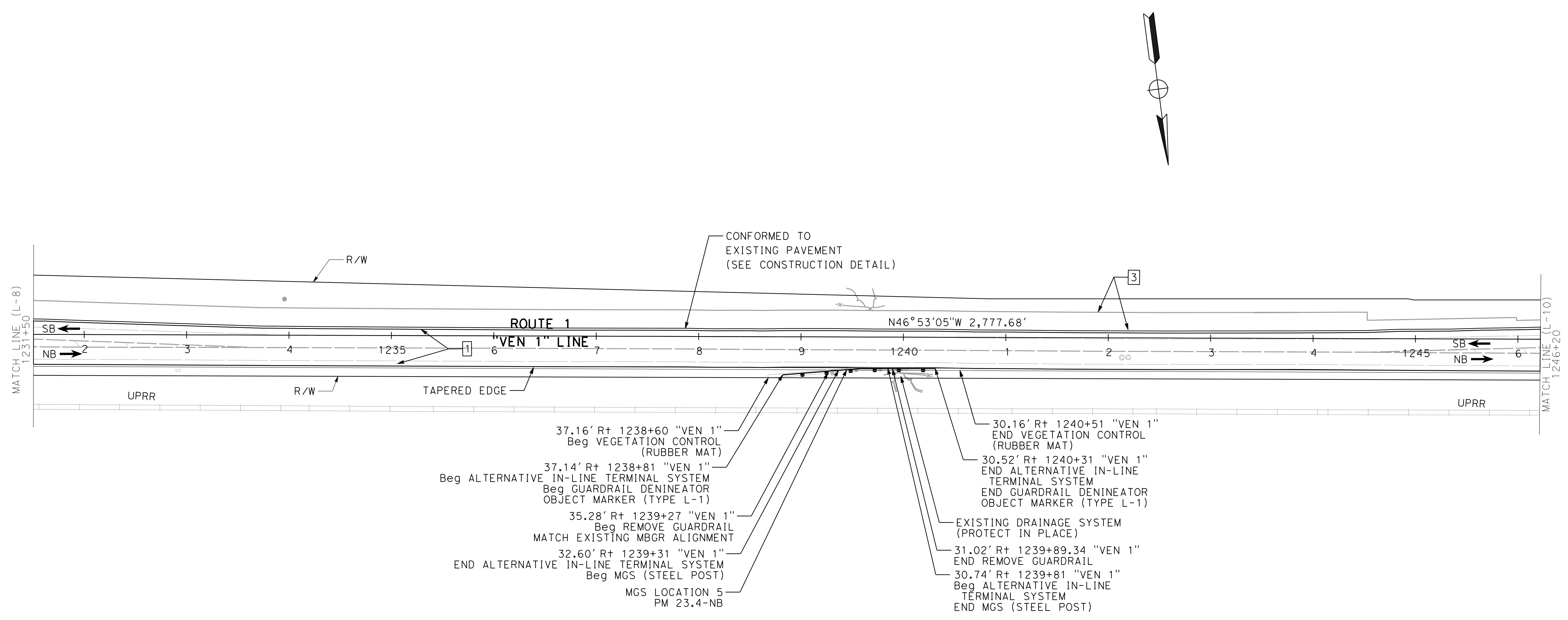
PLANS APPROVAL DATE \_\_\_\_\_

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.

**NOTE:**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
<b>Caltrans</b>	
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED



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

DATE PLOTTED => 1/30/2022  
TIME PLOTTED => 4:11:04 PM  
LAST REVISION



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	18	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.

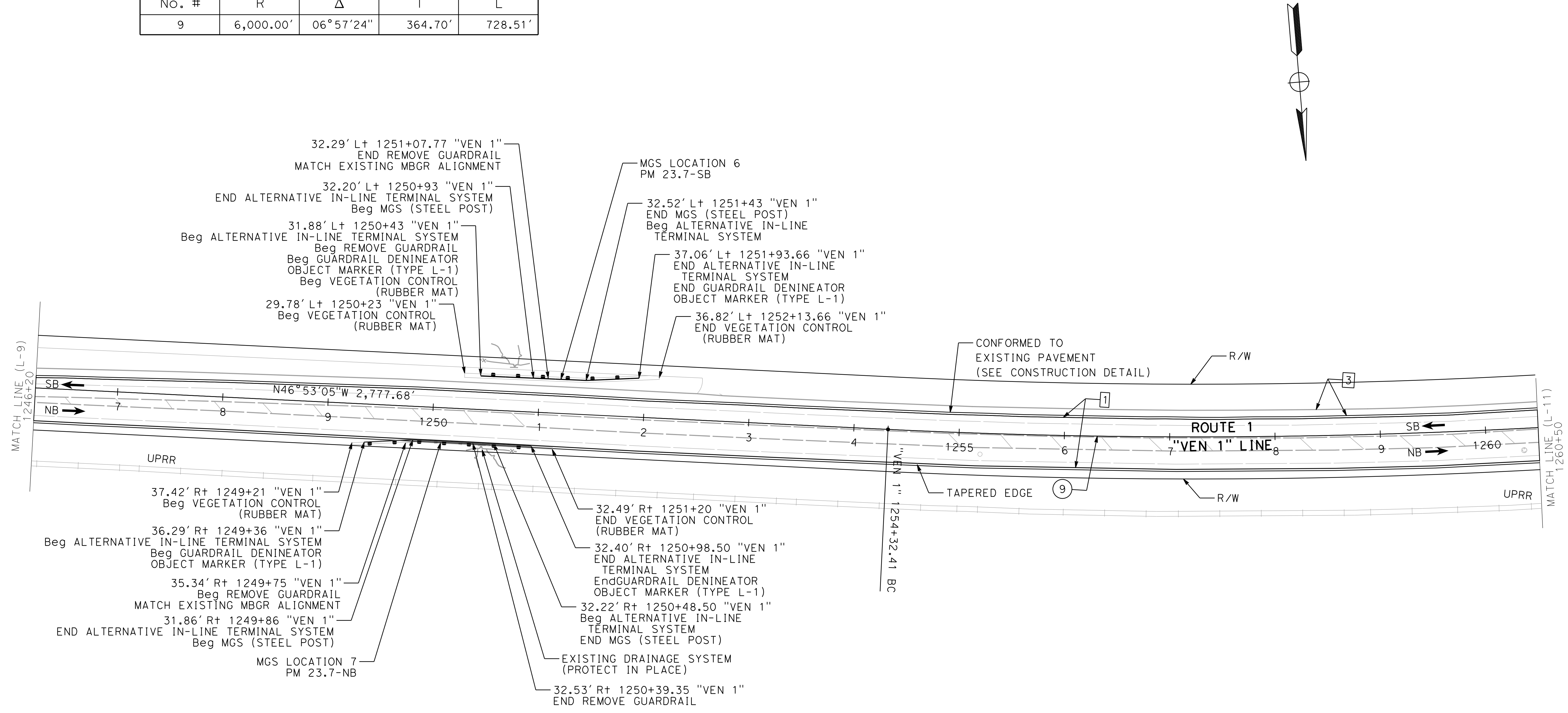


**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
9	6,000.00'	06°57'24"	364.70'	728.51'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR  
 TELEGNE, YESSUF M

CALCULATED/DESIGNED BY  
 CHECKED BY

DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED

**LAYOUT**  
 SCALE: 1" = 50'  
**L-10**

DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:11:04 PM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	19	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

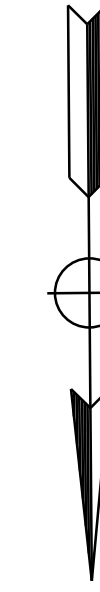
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE:**

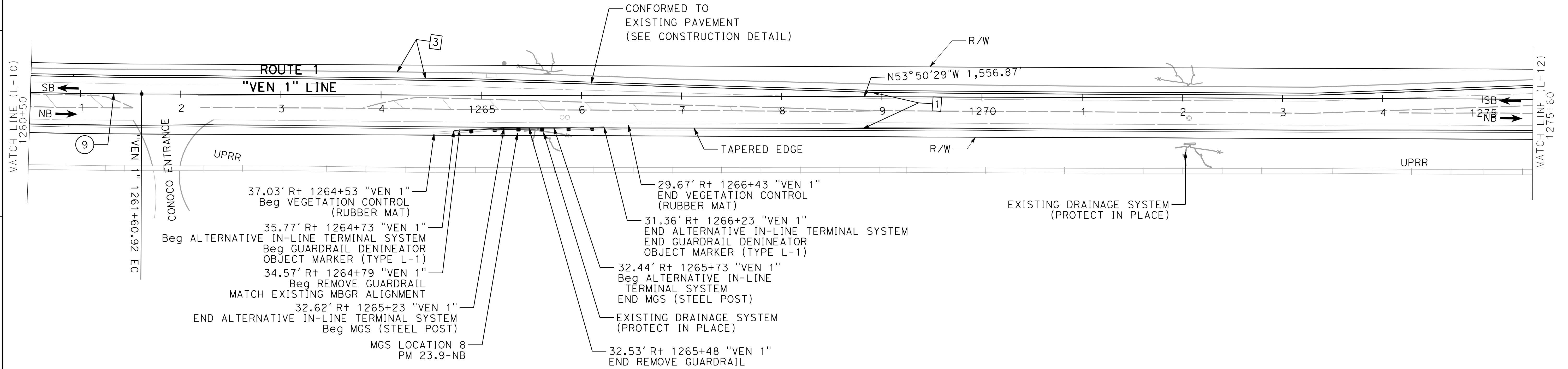
1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
9	6,000.00'	06°57'24"	364.70'	728.51'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C  
 FUNCTIONAL SUPERVISOR  
 TELEGNE, YESSUF M  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 REVISED BY  
 DATE REVISED  
 DANG KHOA VO  
 VORREITER BARNEY



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

DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:11:05 PM  
 LAST REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	20	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.

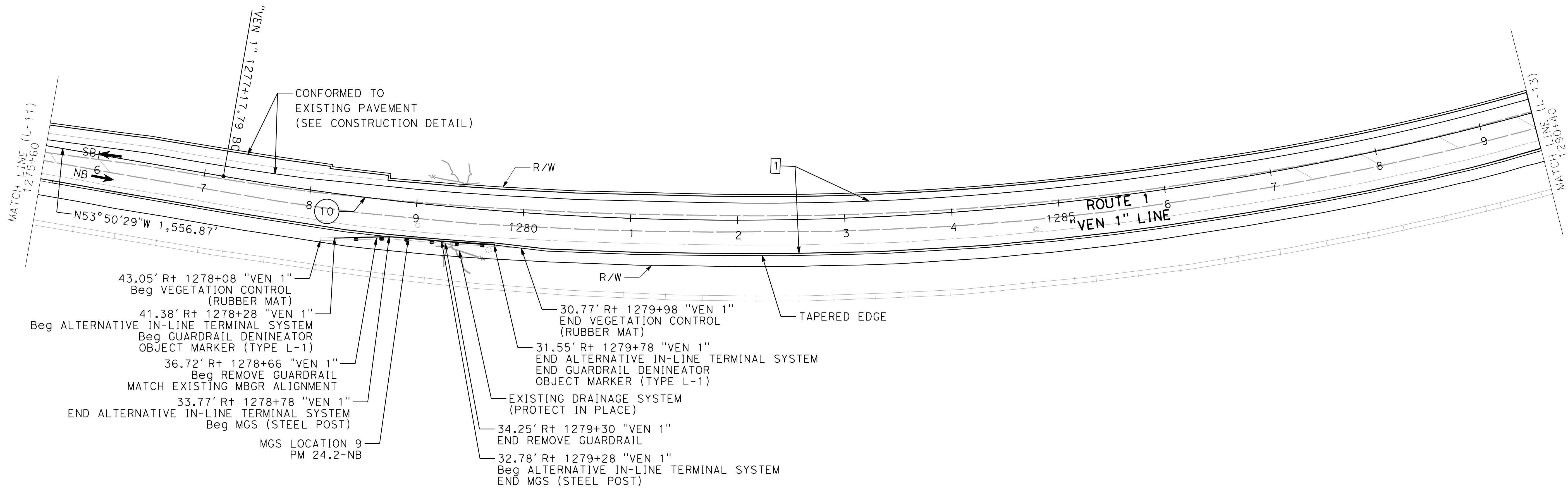
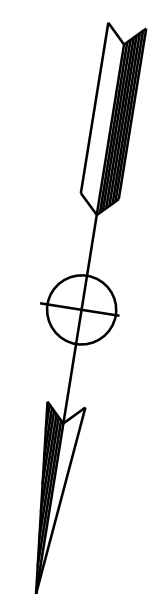


**NOTE:**

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**CURVE DATA**

No. #	R	Δ	T	L
10	2,809.91'	09°52'41"	242.82'	484.44'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
DESIGN C

FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
REVISOR: DANG KHOA VO  
CHECKED BY: VORREITER BARNEY

DESIGN C

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DESIGN C

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	21	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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  
**DANG KHOA VO**  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

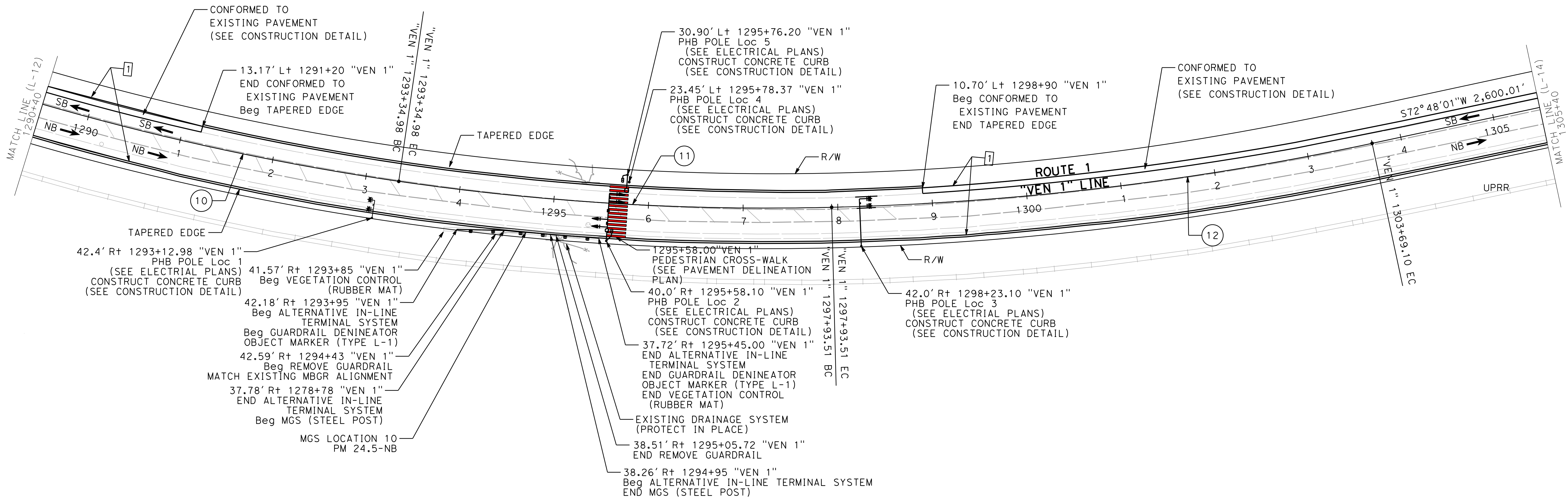
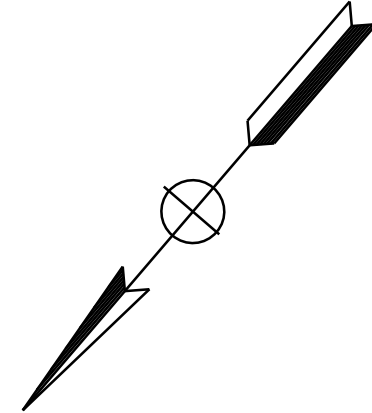
**NOTE:**

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**CURVE DATA**

No. #	R	Δ	T	L
10	2,809.91'	21°23'56"	530.91'	1,049.44'
11	2,702.46'	09°43'17"	229.81'	458.52'
12	3,086.71'	08°54'14"	240.32'	479.68'

PHB: PEDESTRIAN HYBRID BEACON SYSTEM



**LAYOUT**

SCALE: 1" = 50'

**L-13**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 CHECKED BY

DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED

REVISIONS

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

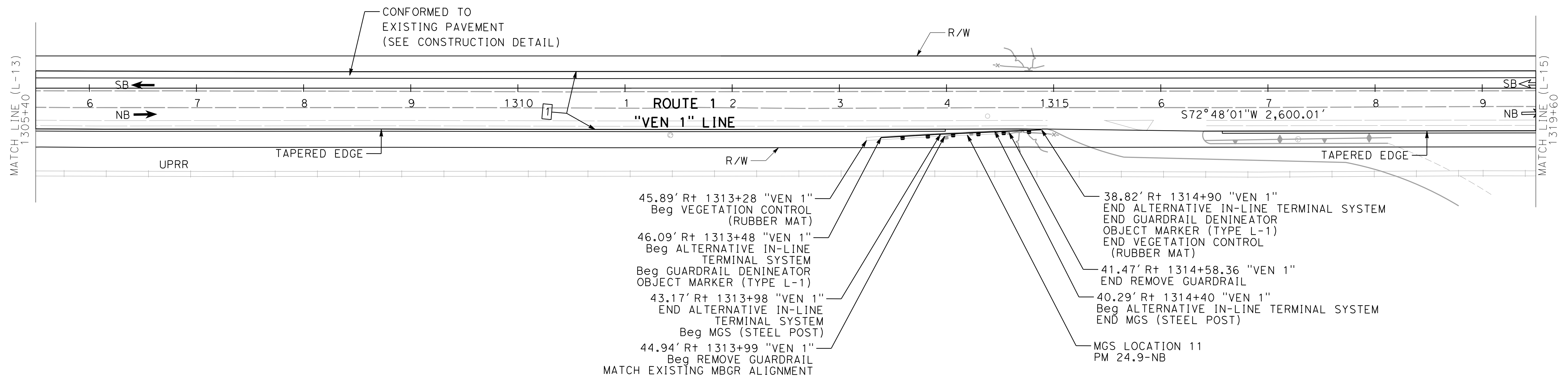
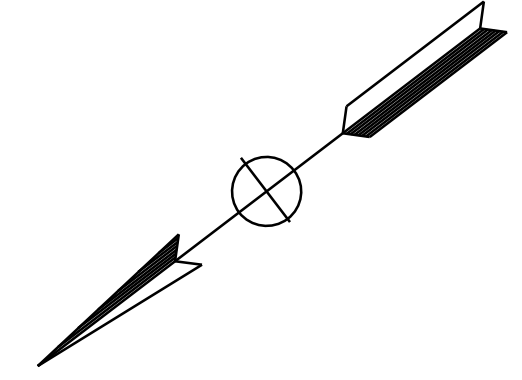
CALCULATED-DESIGNED BY  
 CHECKED BY

DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED

**NOTE:**

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	22	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

REGISTERED PROFESSIONAL ENGINEER  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

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**LAYOUT**  
 SCALE: 1" = 50'  
**L-14**

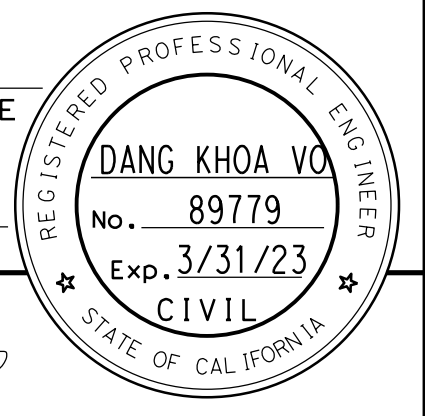
DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:11:03 PM  
 LAST REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	23	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.

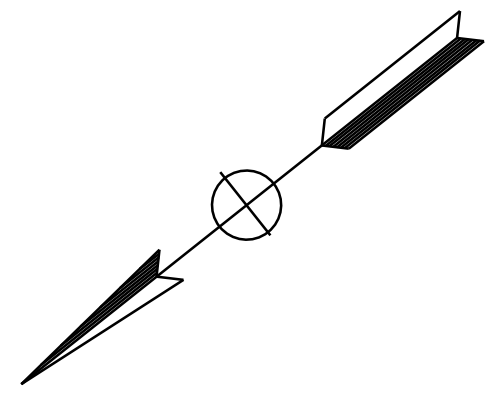


**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
13	1,440.86'	21°16'38"	270.66'	535.08'



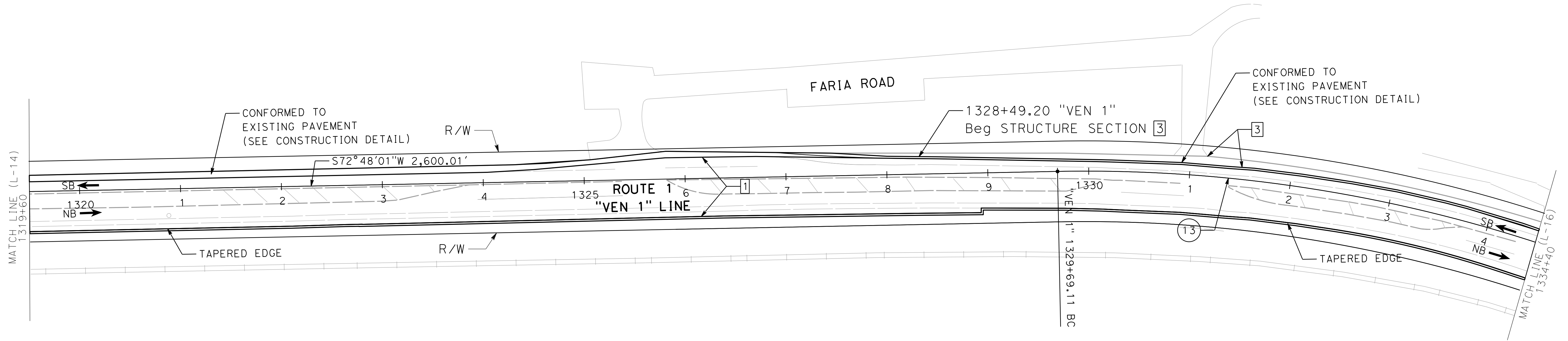
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 CHECKED BY

DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CHECKED BY: VORREITER BARNEY  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 REVISIONS: REVISED BY, DATE REVISED

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	24	164

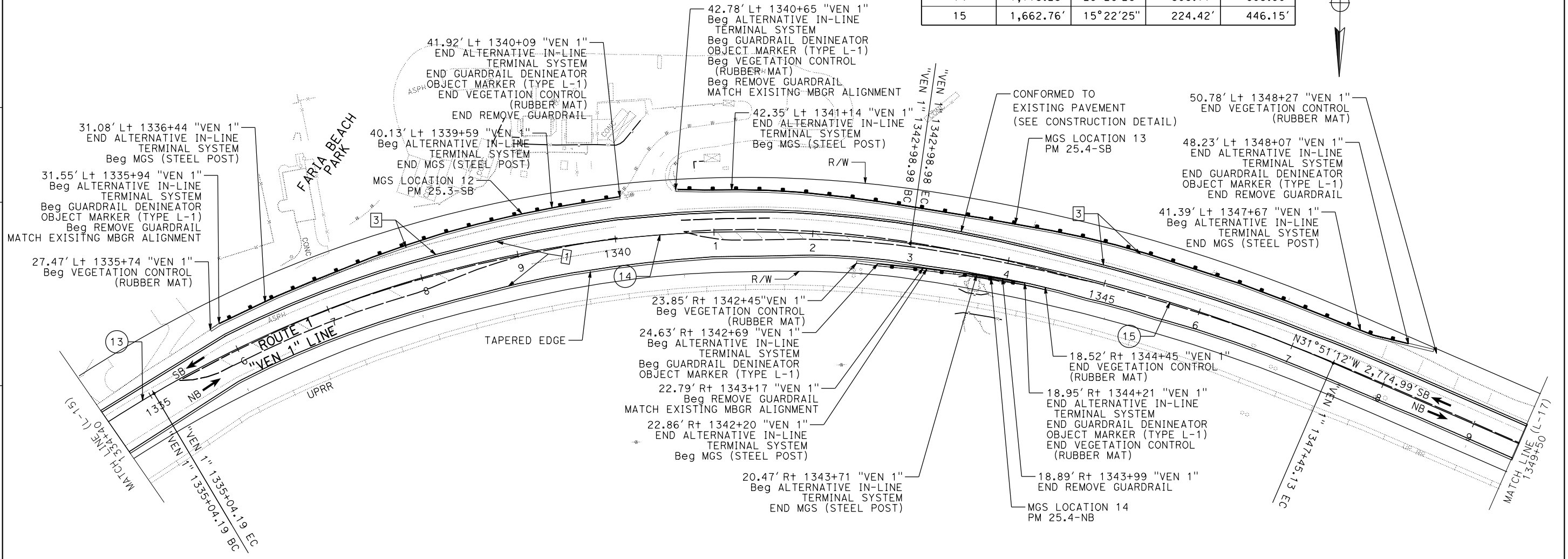
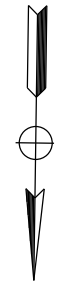
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 PLANS APPROVAL DATE \_\_\_\_\_

REGISTERED PROFESSIONAL ENGINEER  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

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.

CURVE DATA

No. #	R	Δ	T	L
13	1,440.86'	21°16'38"	270.66'	535.08'
14	1,175.25'	29°26'28"	308.77'	603.90'
15	1,662.76'	15°22'25"	224.42'	446.15'



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

DATE PLOTTED => 3-FEB-2022  
 TIME PLOTTED => 15:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	25	164

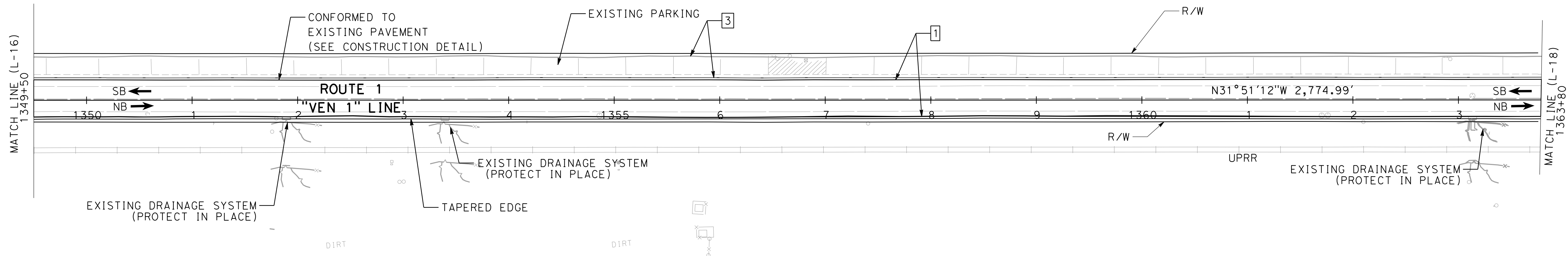
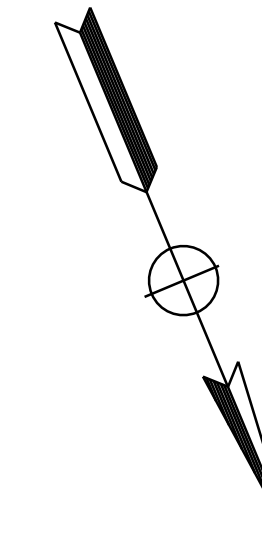
REGISTERED CIVIL ENGINEER	DATE
<b>DANG KHOA VO</b>	
No. 89779	
Exp. 3/31/23	
CIVIL	

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.

**NOTE:**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
<b>Caltrans</b>	
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED/DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

**LAYOUT**

SCALE: 1" = 50'

**L-17**



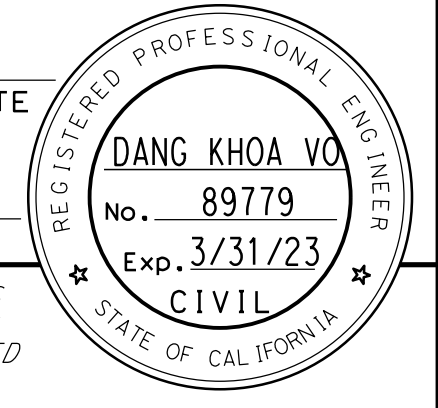


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	26	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.

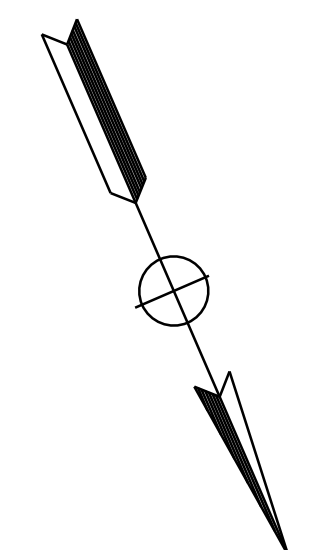
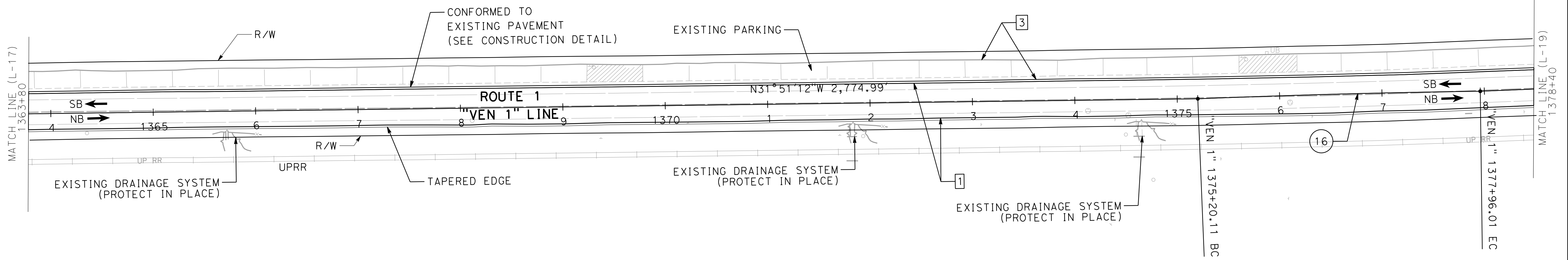


**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
16	10,000.00'	01°34'51"	137.96'	275.90'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 CHECKED BY

DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED

**LAYOUT**  
 SCALE: 1" = 50'  
**L-18**

DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:11:14 PM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	27	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.

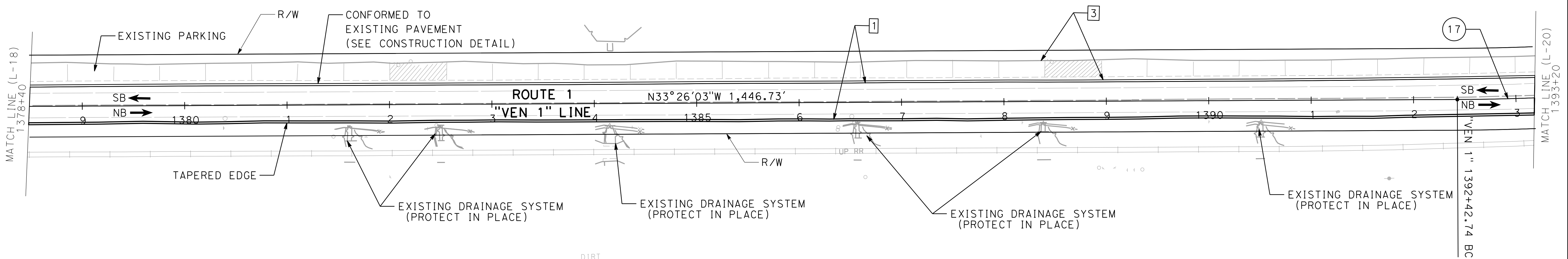
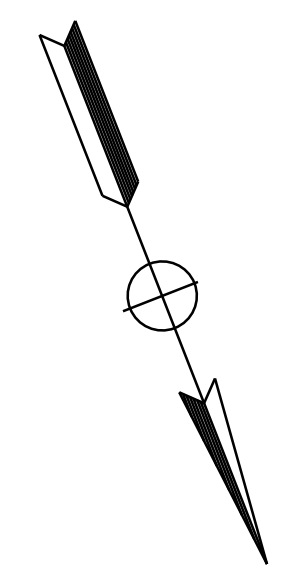


**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
17	2,275.00'	14°09'33"	282.54'	562.21'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**  
 FUNCTIONAL SUPERVISOR: TELEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: \_\_\_\_\_  
 DATE REVISED: \_\_\_\_\_

**LAYOUT**  
 SCALE: 1" = 50'  
**L-19**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	29	164

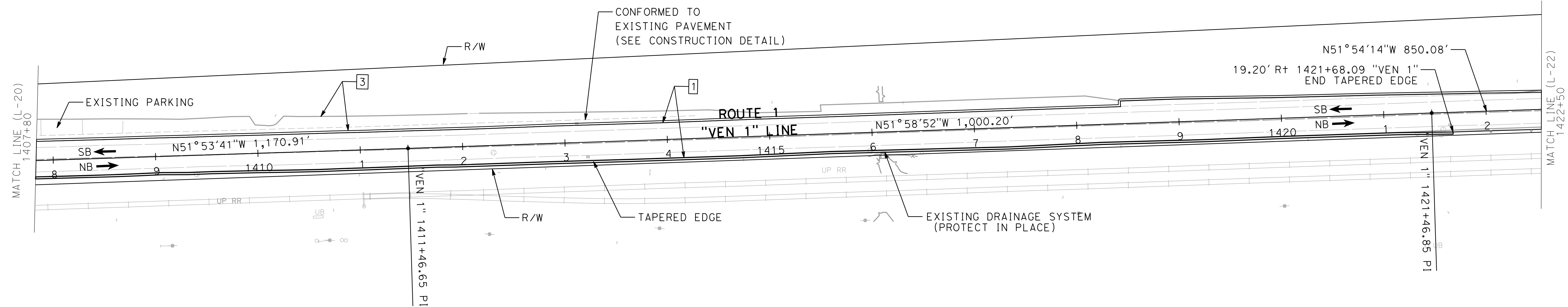
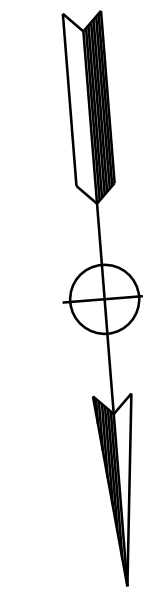
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

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.

**NOTE:**

- RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
Caltrans	
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED/DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

**LAYOUT**

SCALE: 1" = 50'

**L-21**



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
 CHECKED BY

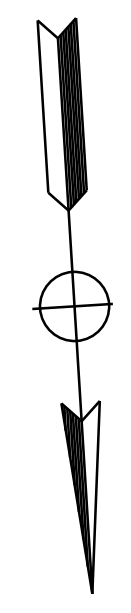
DANG KHOA VO  
 VORREITER BARNEY

REVISED BY  
 DATE REVISED

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

No. #	R	Δ	T	L
18	3,550.00'	07°18'42"	226.82'	453.02'



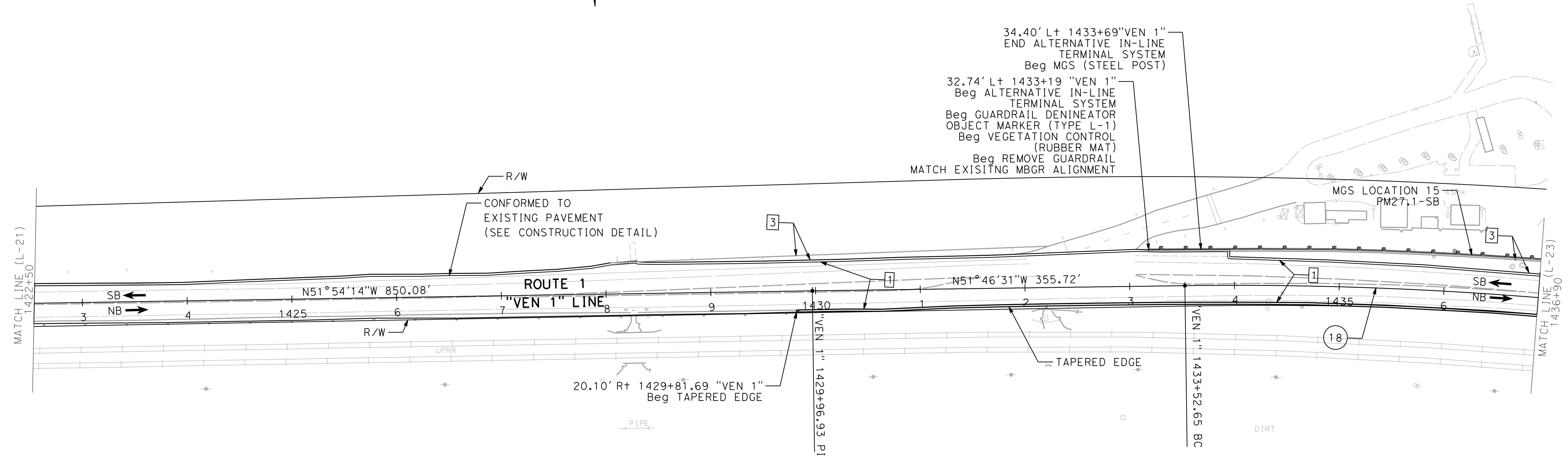
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	30	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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  
 DANG KHOA VO  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA



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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	31	164

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

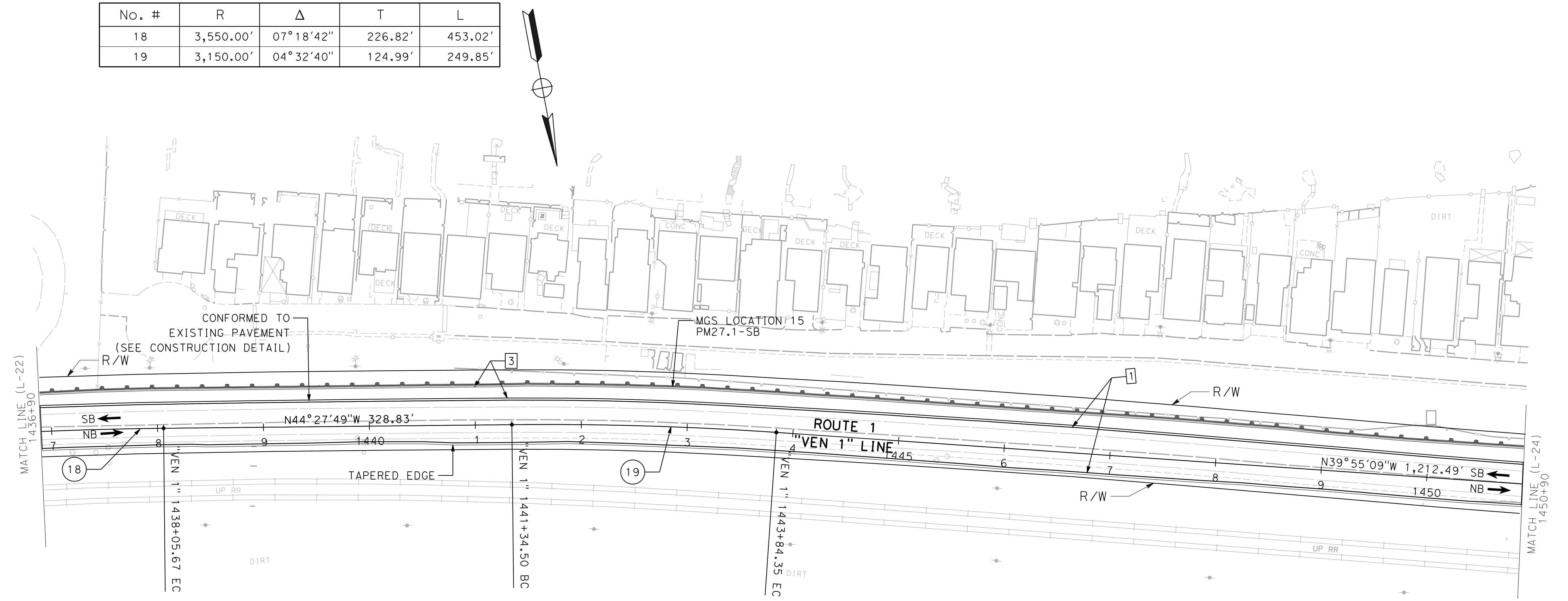
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

**CURVE DATA**

No. #	R	Δ	T	L
18	3,550.00'	07°18'42"	226.82'	453.02'
19	3,150.00'	04°32'40"	124.99'	249.85'



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**  
 FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: \_\_\_\_\_ DATE REVISED: \_\_\_\_\_

**LAYOUT**  
SCALE: 1" = 50'  
**L-23**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	32	164

REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

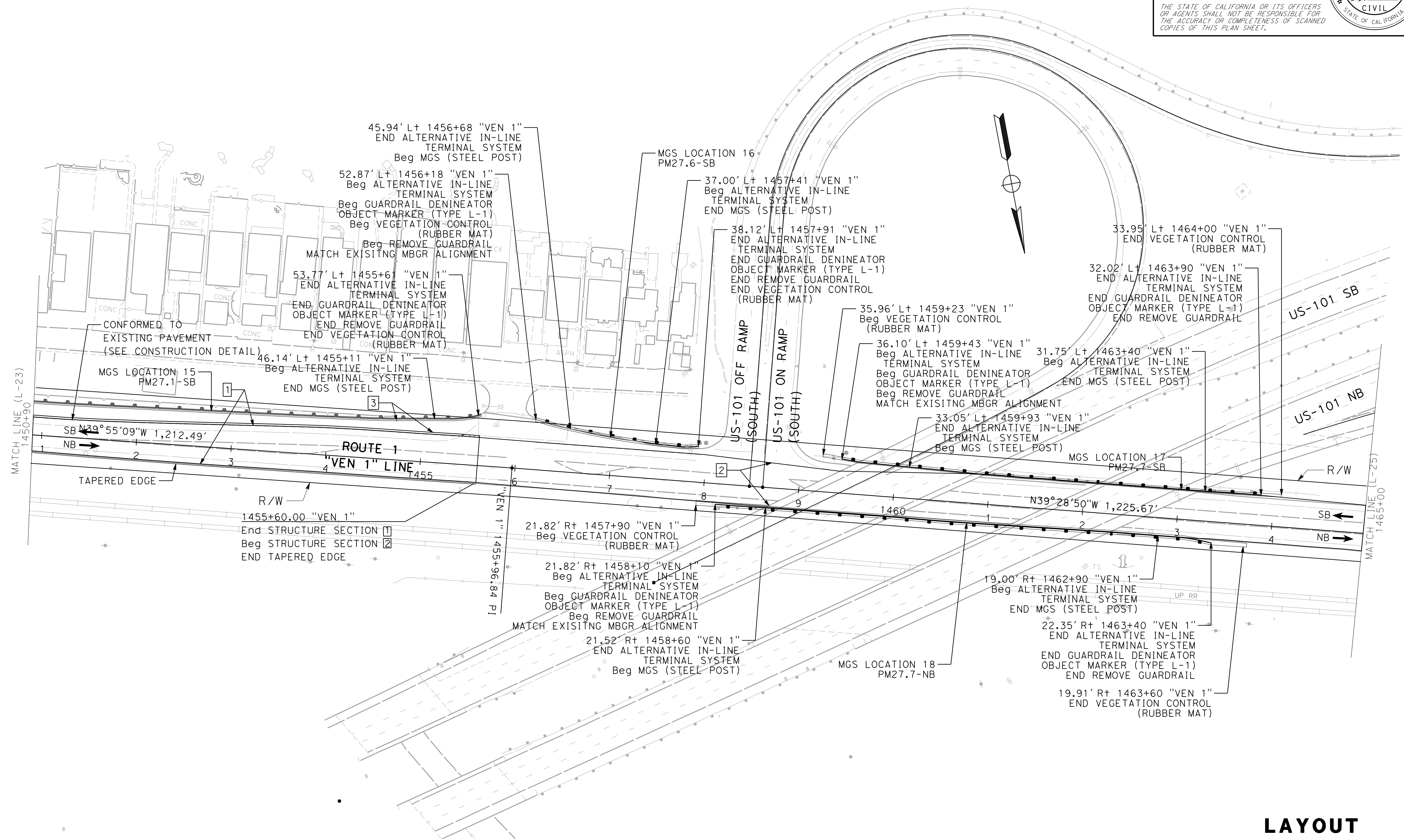
  

REGISTERED PROFESSIONAL ENGINEER	
No. 89779	
Exp. 3/31/23	
CIVIL	

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.

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED/DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	33	164

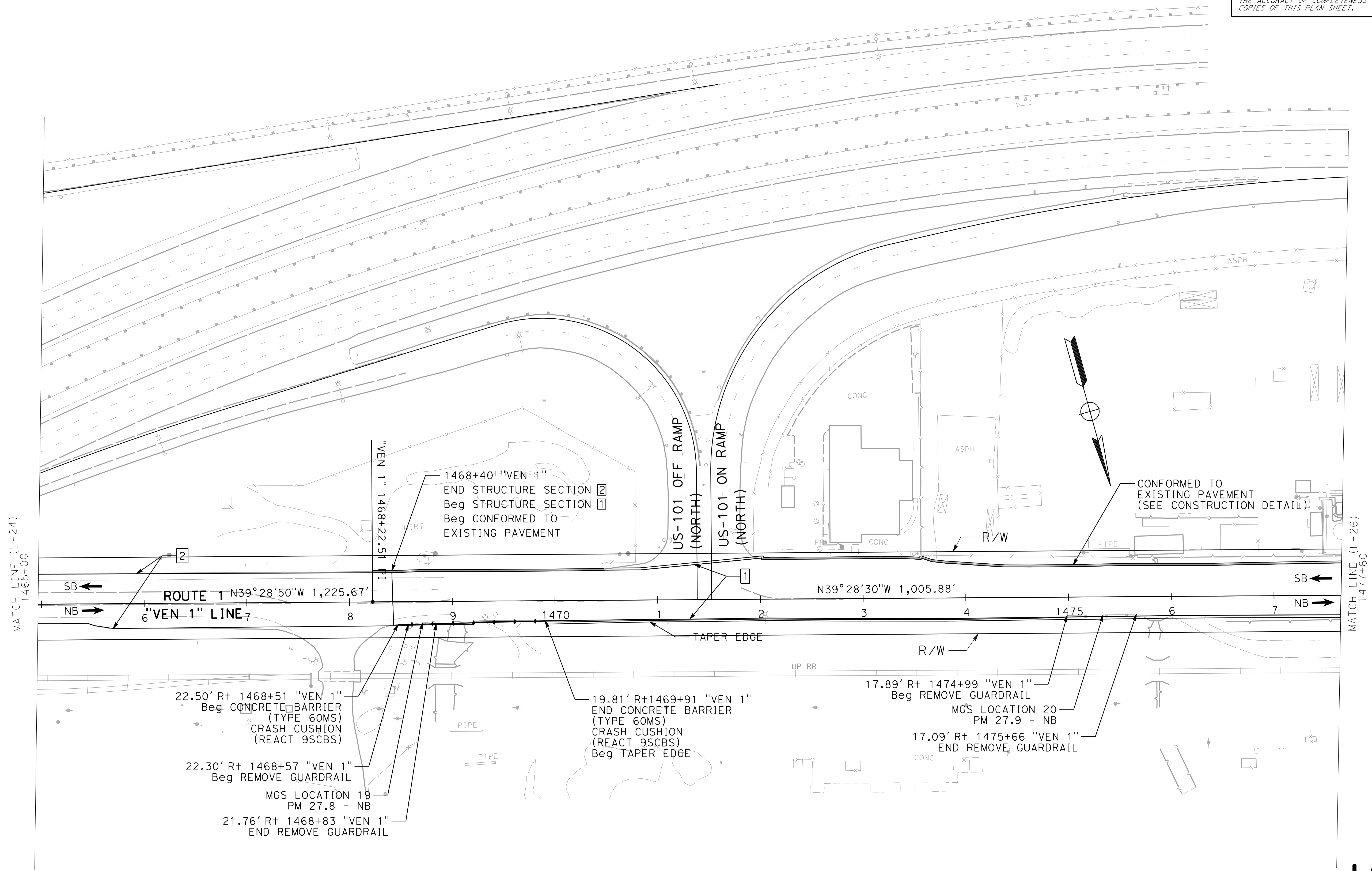
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

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.

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.



**LAYOUT**  
SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C	FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M	CALCULATED-DESIGNED BY	CHECKED BY	DANG KHOA VO	VORREITER BARNEY	REVISED BY	DATE REVISED
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DATE PLOTTED => 1/30/2022  
TIME PLOTTED => 4:11:18 PM



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	34	164

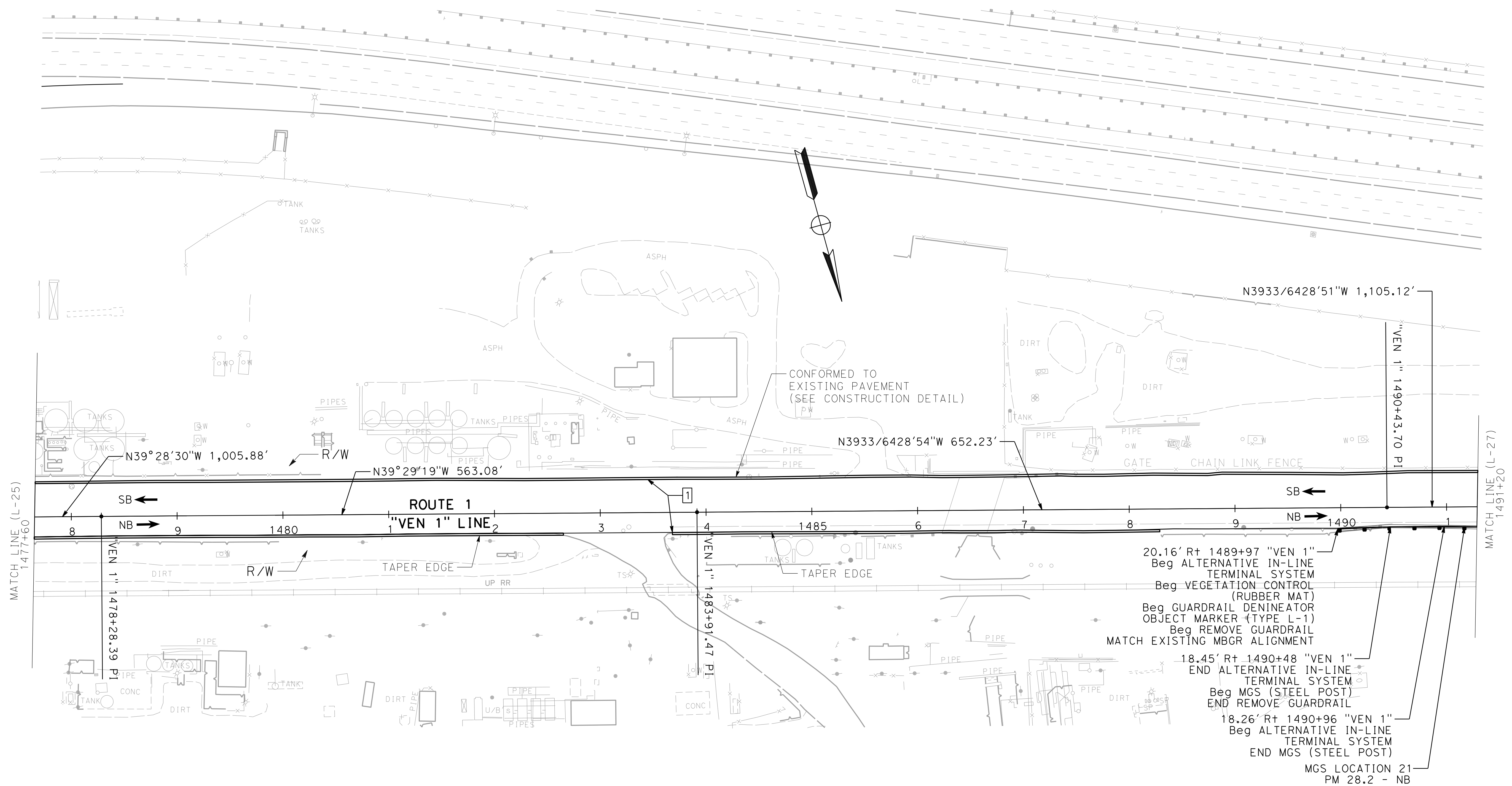
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

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.

**NOTE**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.



20.16' R+ 1489+97 "VEN 1"  
 Beg ALTERNATIVE IN-LINE TERMINAL SYSTEM  
 Beg VEGETATION CONTROL (RUBBER MAT)  
 Beg GUARDRAIL DENINEATOR  
 OBJECT MARKER (TYPE L-1)  
 Beg REMOVE GUARDRAIL  
 MATCH EXISTING MBGR ALIGNMENT

18.45' R+ 1490+48 "VEN 1"  
 END ALTERNATIVE IN-LINE TERMINAL SYSTEM  
 Beg MGS (STEEL POST)  
 END REMOVE GUARDRAIL

18.26' R+ 1490+96 "VEN 1"  
 Beg ALTERNATIVE IN-LINE TERMINAL SYSTEM  
 END MGS (STEEL POST)

MGS LOCATION 21  
 PM 28.2 - NB

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
Caltrans	
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	35	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

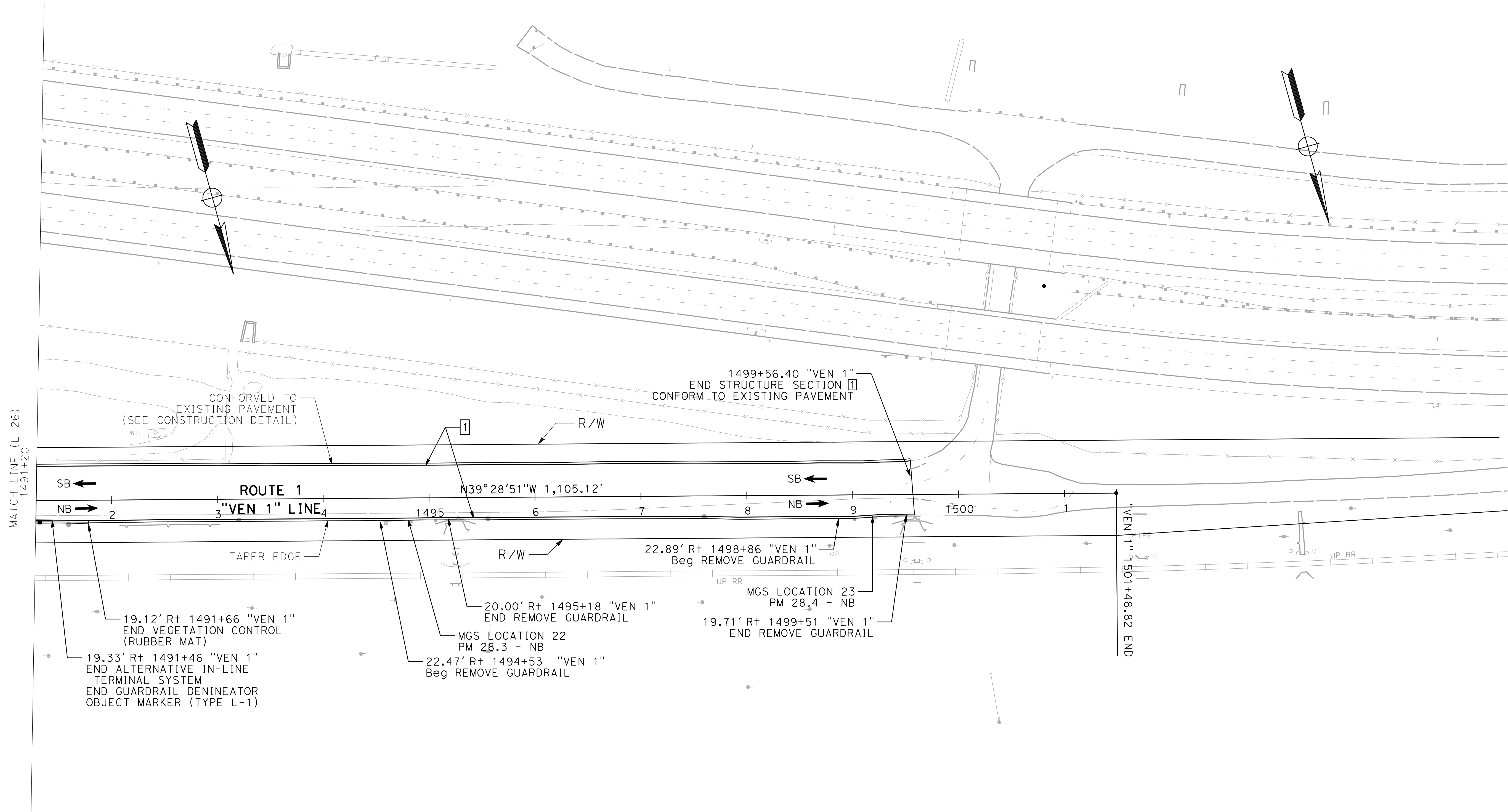
PLANS APPROVAL DATE \_\_\_\_\_

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  
**DANG KHOA VO**  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

**NOTE:**

1. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.



**LAYOUT**

SCALE: 1" = 50'

**L-27**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**  
 FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: \_\_\_\_\_ DATE REVISED: \_\_\_\_\_

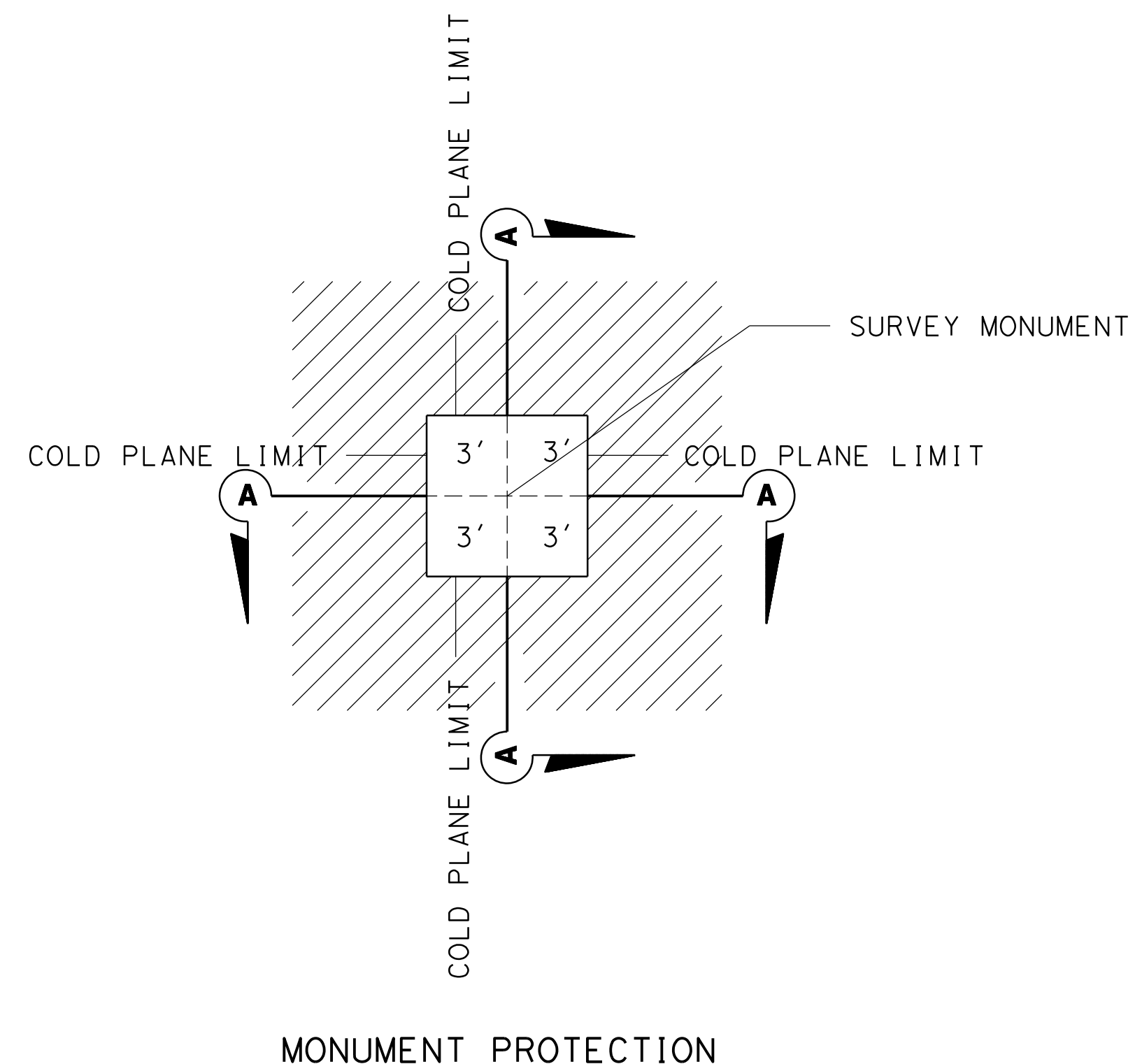
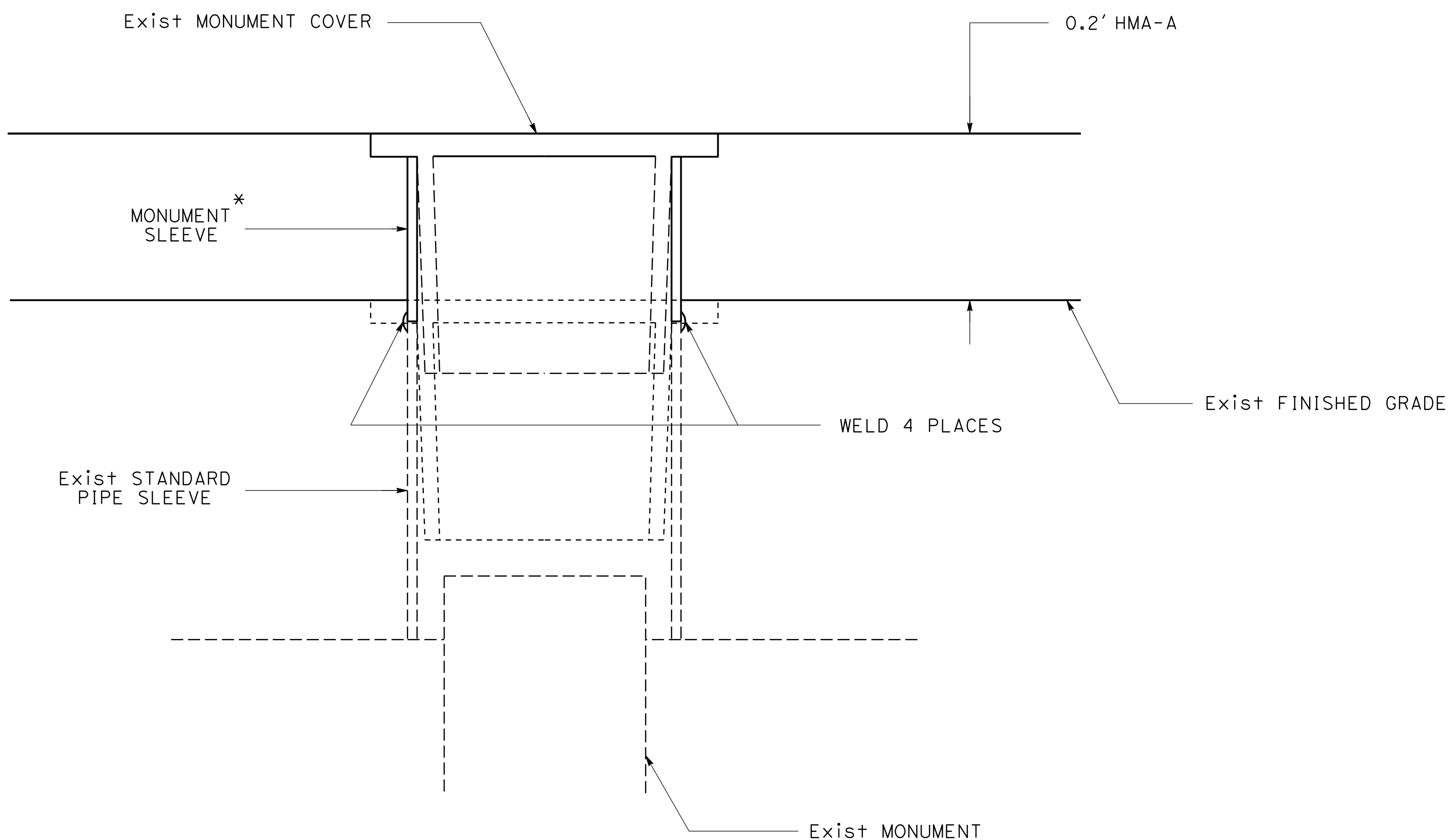
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	36	164

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

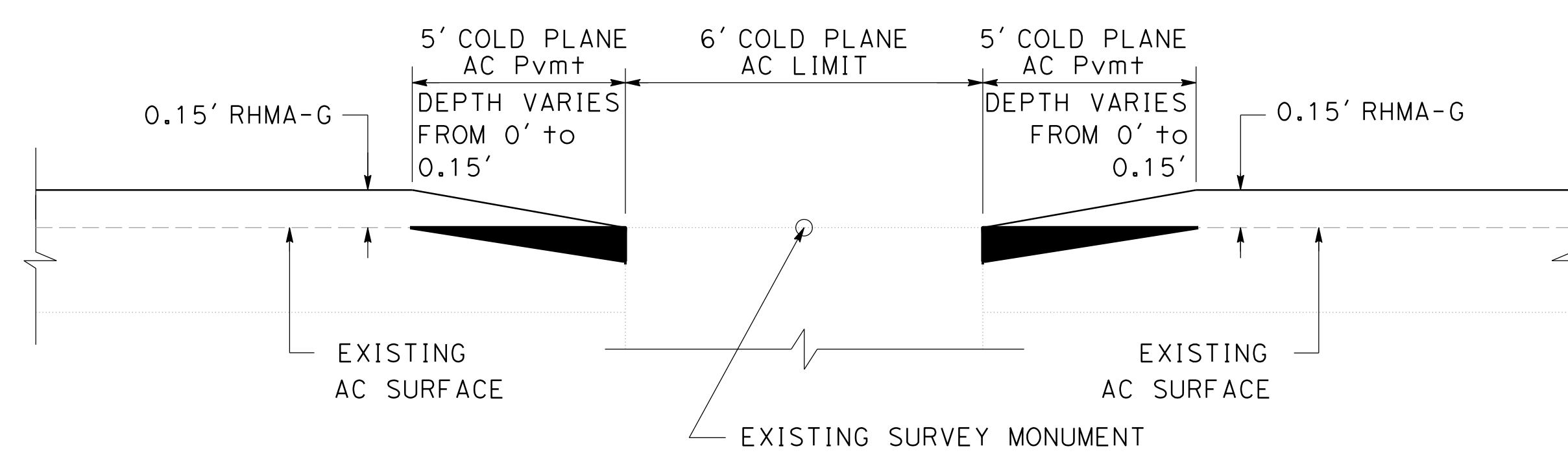
PLANS APPROVAL DATE \_\_\_\_\_

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.



ADJUST MONUMENT COVER

\* HEIGHT OF MONUMENT SLEEVE TO BE DETERMINED AFTER PLACING RHMA-G



SECTION A-A

LEGEND

■ TAPER AREA - COLD PLANE AND OVERLAY

**CONSTRUCTION DETAIL**  
NO SCALE  
**C-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
DESIGN C

FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	37	164

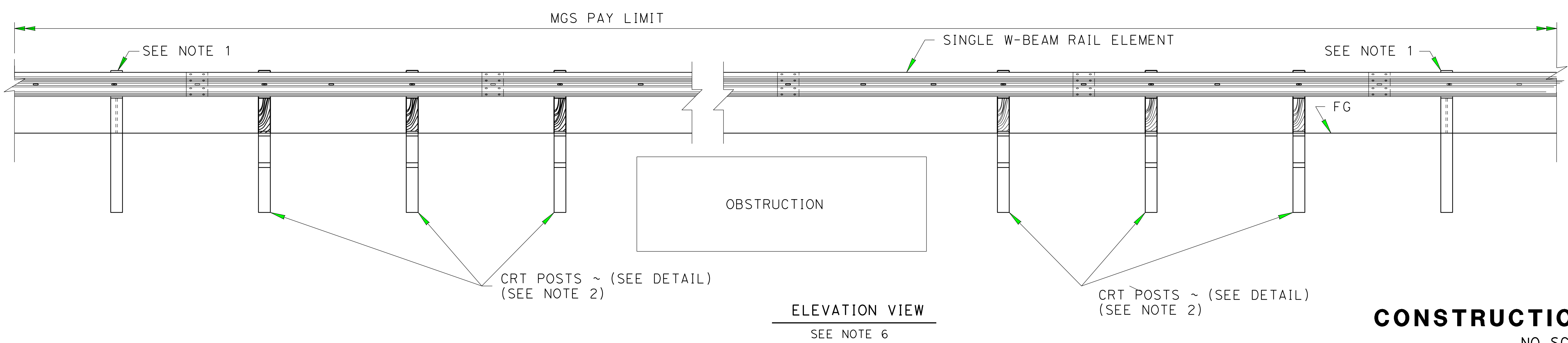
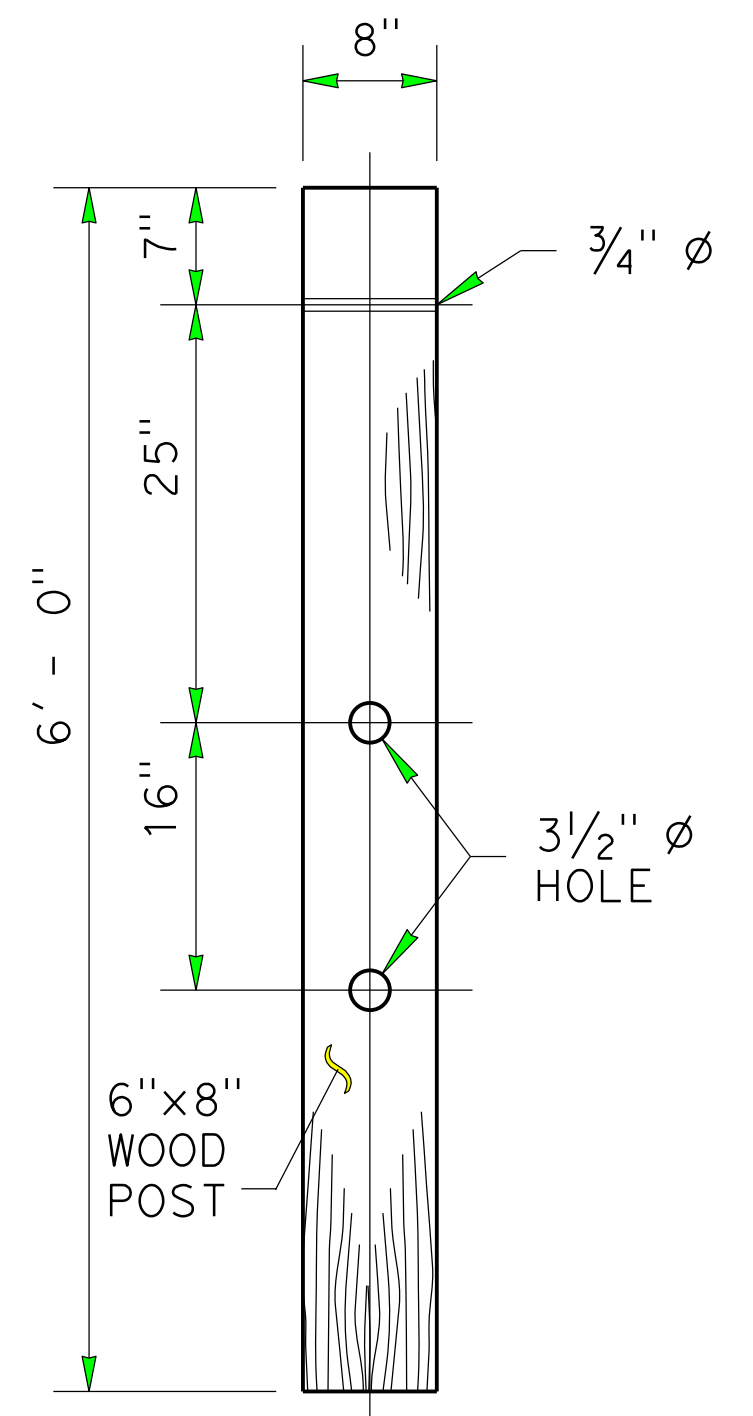
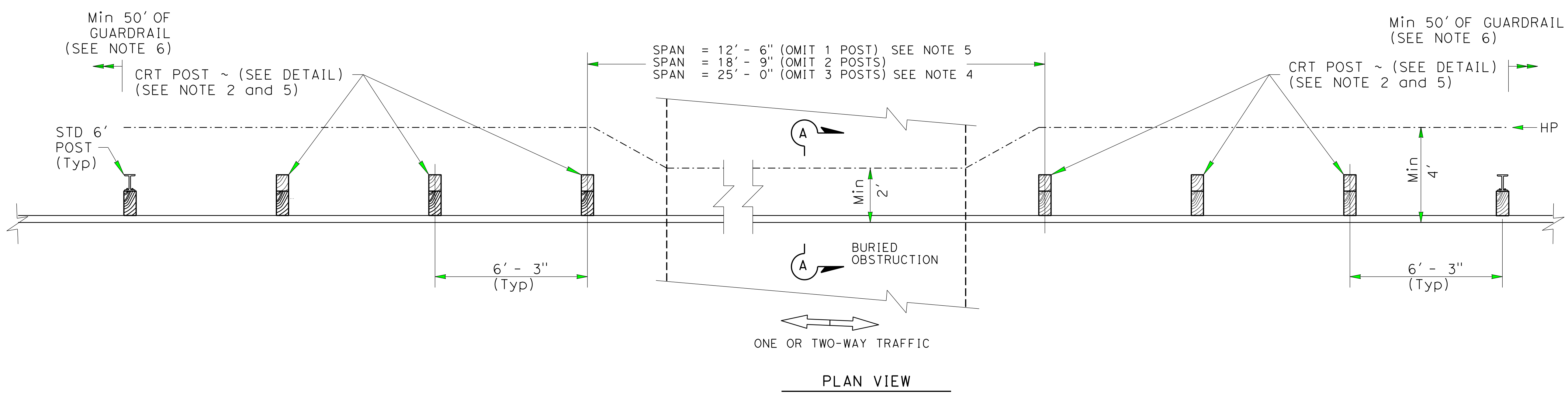
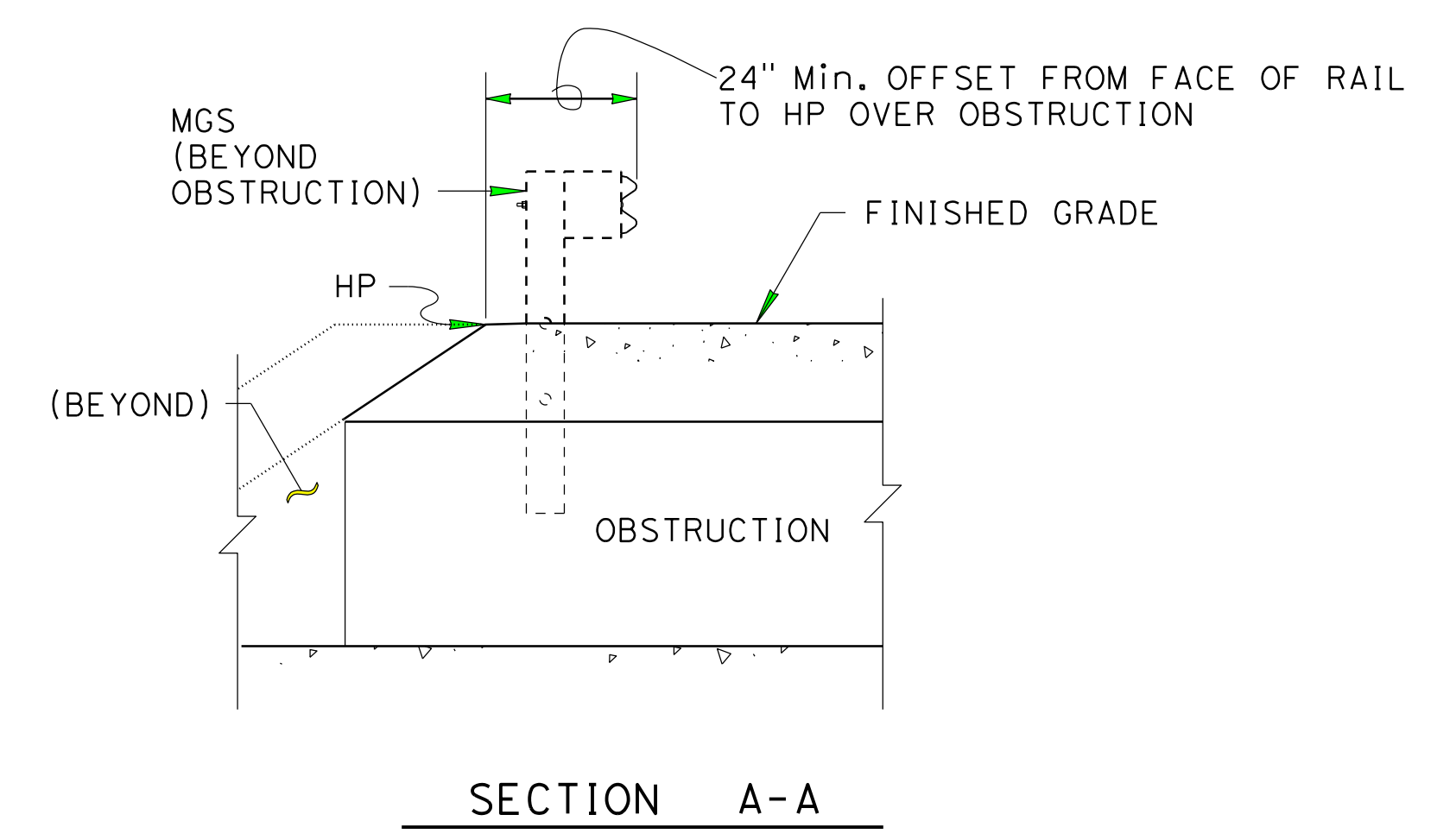
  

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	No. 89779
	Exp. 3/31/23
PLANS APPROVAL DATE	

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:**

- STANDARD 6' POST CAN BE WOOD OR STEEL, SEE STD PLN A77L1 AND A77L2 FOR ADDITIONAL DETAILS NOT SHOWN.
- CRT POST MUST BE WOOD.
- SPLICE LOCATION OF MGS WILL NOT EFFECT SPAN.
- GUARDRAIL ELEMENTS TO BE STANDARD 12'-6" LENGTH BETWEEN SPLICES UNLESS THREE POST ARE REMOVED, THEN USE A 25' ELEMENT TO SPAN THE REMOVED POSTS.
- A SINGLE POST OF MGS SYSTEM MAY BE REMOVED WITH NO CRT POST REQUIRED. A Min. LENGTH OF 25' OF STANDARD GUARDRAIL IS REQUIRED BEFORE ANOTHER POST(S) CAN BE REMOVED, A TERMINAL CAN BE PLACED, OR ANY SPECIAL GUARDRAIL FEATURE IS USED.
- WHEN MORE THAN ONE POST IS REMOVED, THIS DETAIL USES A TYPICAL LENGTH OF 50' OF STANDARD GUARDRAIL. IF OTHERWISE SHOWN OR AUTHORIZED, A Min. LENGTH OF 25' OF STANDARD GUARDRAIL SHOULD BE PLACED BEFORE ANOTHER POST CAN BE REMOVED, A TERMINAL CAN BE PLACED, ANY END ANCHOR OR OVERSIZED POST OR TRANSITION OR STRENGTHENED RAIL SECTION OR STIFFENING OR WEAKENING OF GUARDRAIL IS USED.



**CONSTRUCTION DETAIL**  
NO SCALE  
**C-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C  
 FUNCTIONAL SUPERVISOR: TEGEGNE, YESSUF M  
 CALCULATED/DESIGNED BY: DANG KHOA VO  
 CHECKED BY: VORREITER BARNEY  
 REVISED BY: [blank]  
 DATE REVISED: [blank]

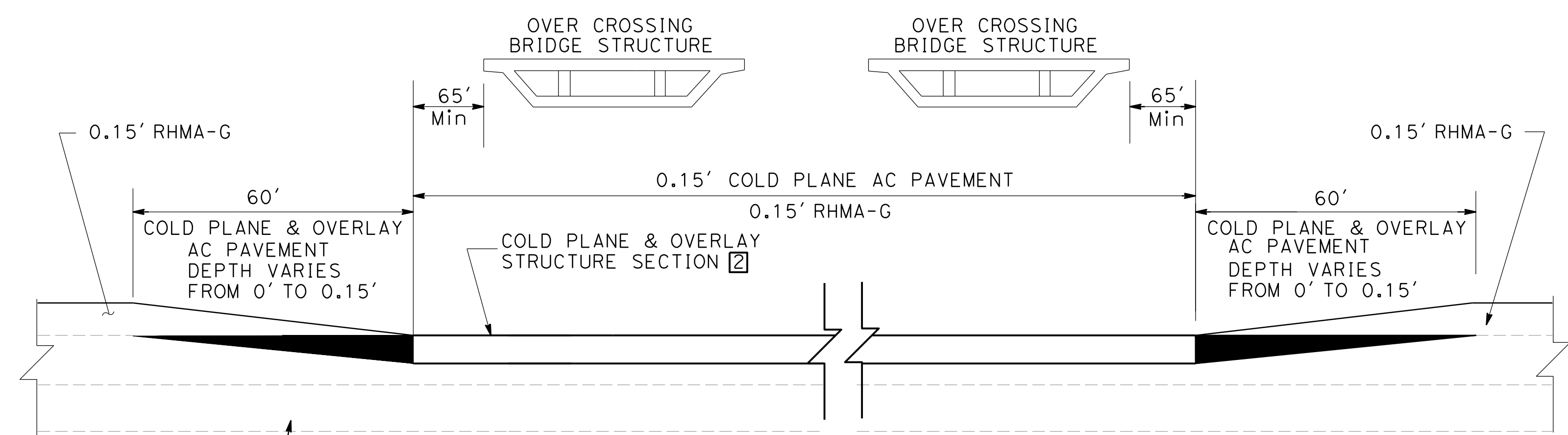
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	38	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

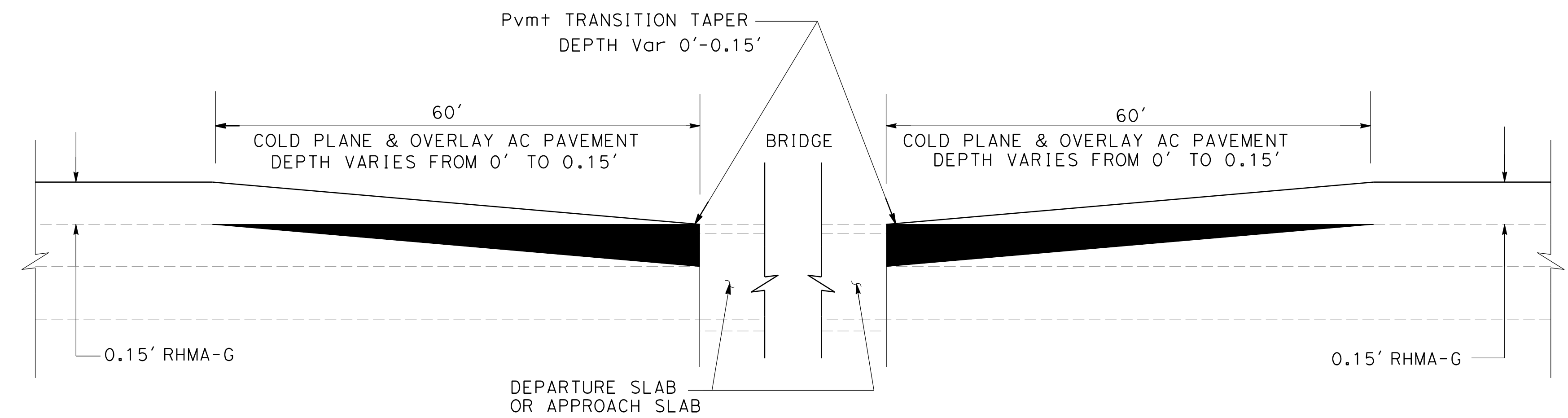
PLANS APPROVAL DATE \_\_\_\_\_

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.

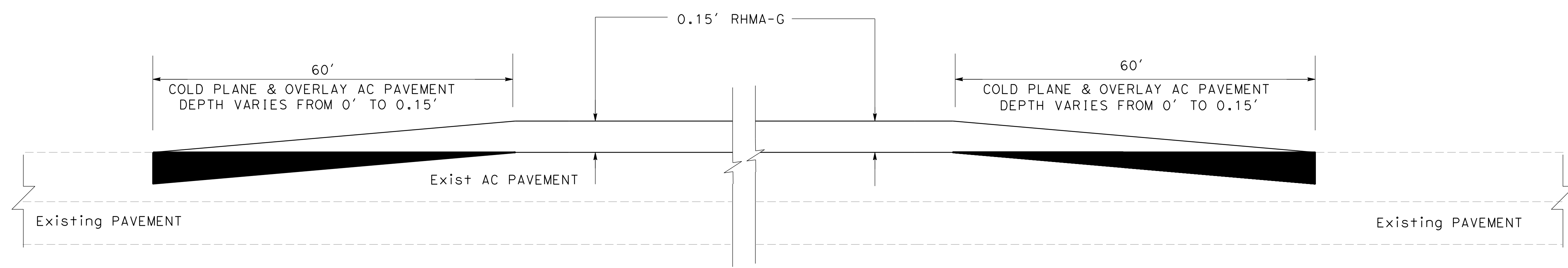
REGISTERED PROFESSIONAL ENGINEER  
**DANG KHOA VO**  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA



**TAPER DETAIL FOR BRIDGE OVERCROSSING**



**TAPER DETAIL FOR BRIDGE APPROACHING**



**TYPICAL LONGITUDINAL TRANSITION TO CONFORM AC PAVEMENT**

**MAINLINE AT BEGINNING AND END PROJECT LIMIT**

**NOTES:**

1. EXACT PAVING LIMIT WILL BE DETERMINED BY THE ENGINEER.
2. EXISTING DRAINAGE INLETS, MANHOLES HAVE NOT BEEN PLOTTED ON THIS PLANS.
3. EXISTING STRUCTURE FACILITIES HAVE NOT BEEN PLOTTED ON THIS PLANS.
4. OMIT COLD PLANING AC PAVEMENT ON BRIDGE DECKS, APPROACHED SLABS, DEPARTURE SLABS, PCC CURB AND GUTTER
5. DIMENSIONS OF THE PAVEMENT STRUCTURES ARE SUBJECTED TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.

**LEGEND:**

TAPER AREA - COLD PLANE AND OVERLAY

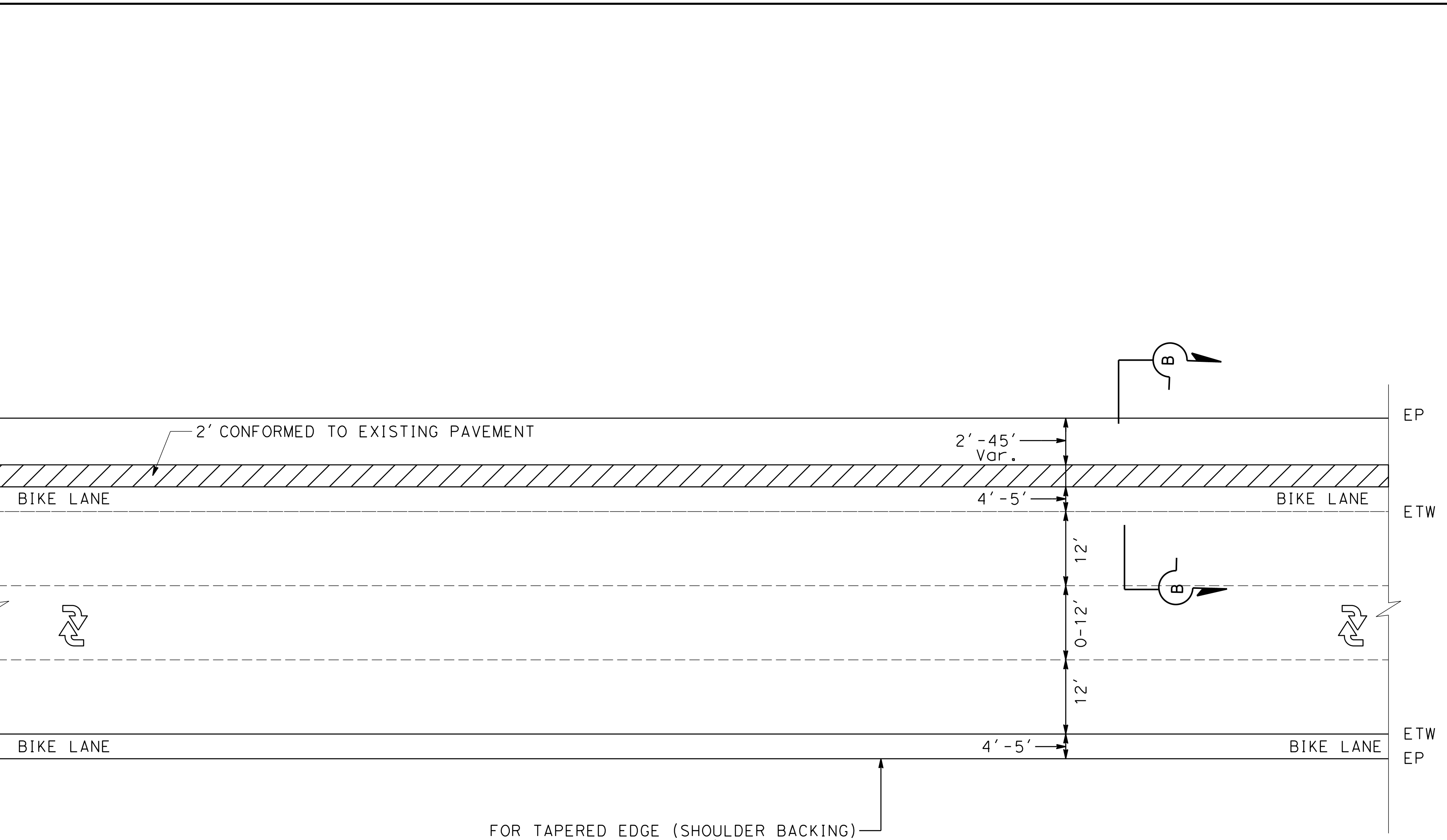
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C  
 FUNCTIONAL SUPERVISOR  
 TELEGNE, YESSUF M  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 DANG KHOA VO  
 VORREITER BARNEY  
 REVISED BY  
 DATE REVISED

LAST REVISION  
 DATE PLOTTED => 1/30/2022  
 TIME PLOTTED => 4:11:24 PM

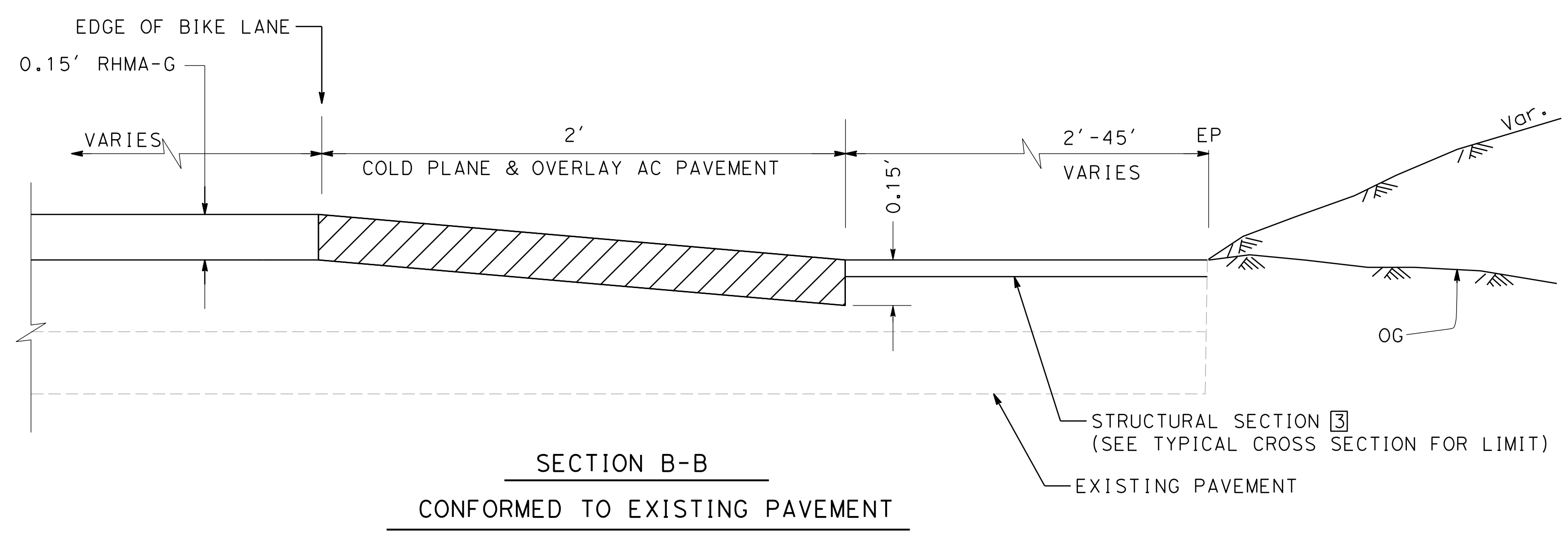
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	39	164
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN C**

FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	DANG KHOA VO
CHECKED BY	VORREITER BARNEY
REVISOR	DATE



**LEGEND:**  
 CONFORMED TO EXISTING PAVEMENT



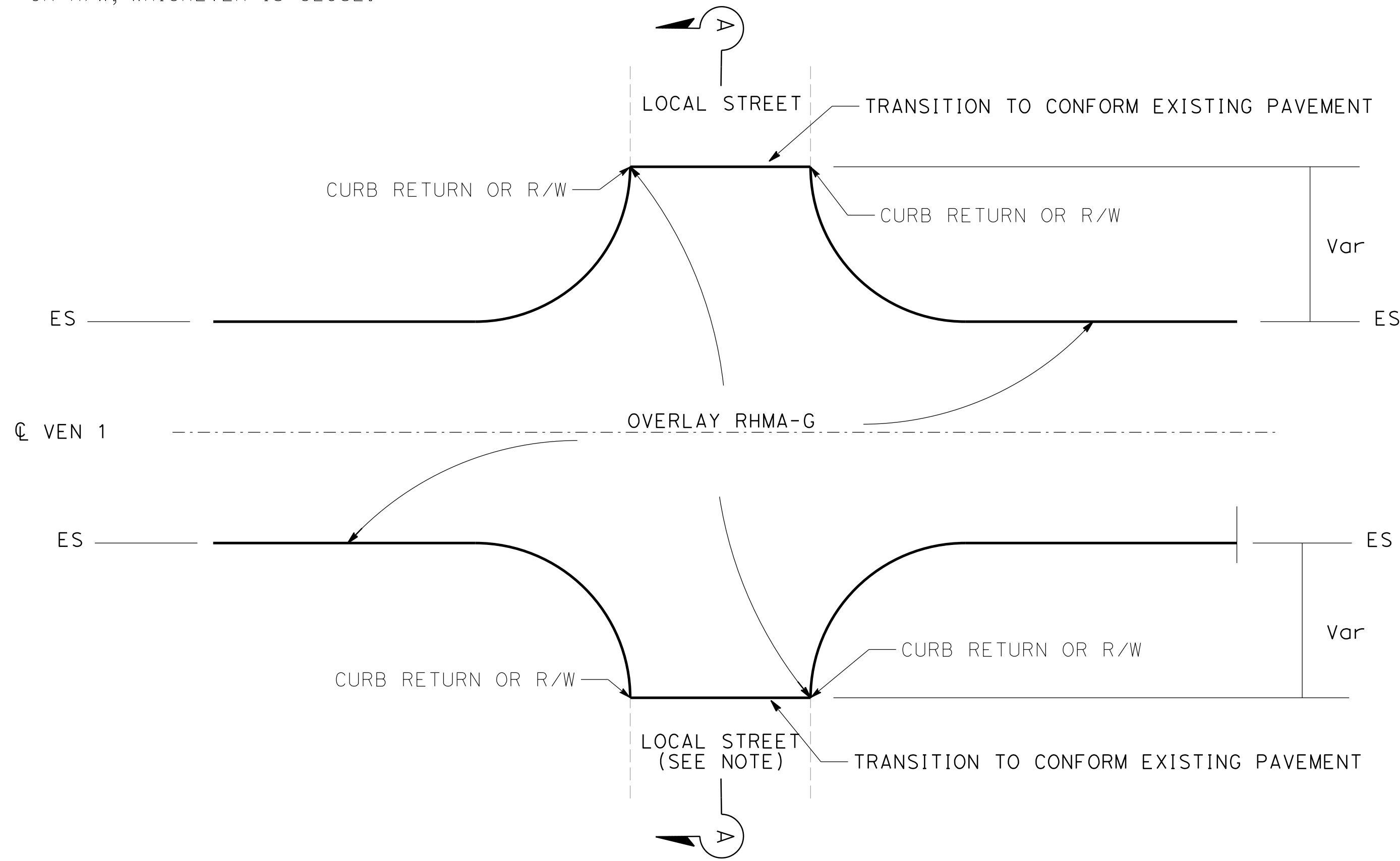
**CONSTRUCTION DETAIL**  
NO SCALE  
**C-4**

DATE PLOTTED => 1/30/2022  
TIME PLOTTED => 4:11:24 PM

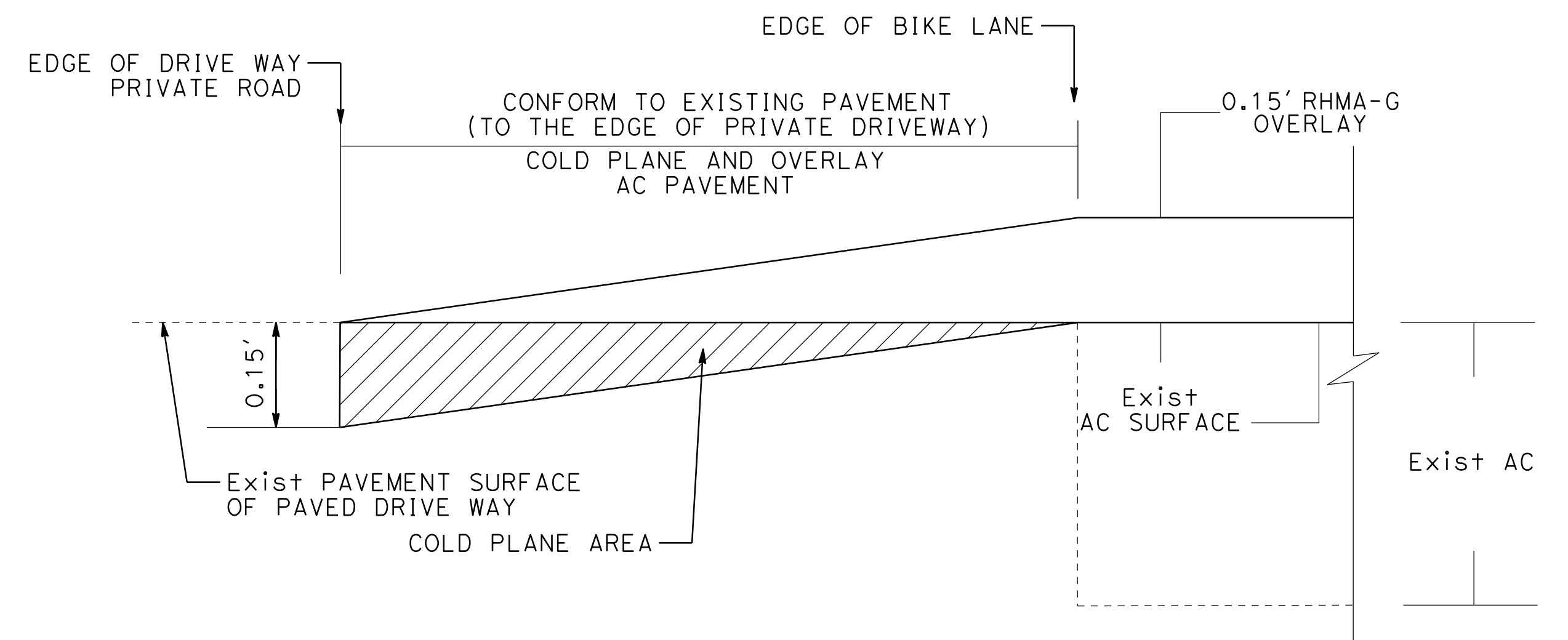
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	40	164
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

**NOTE:**

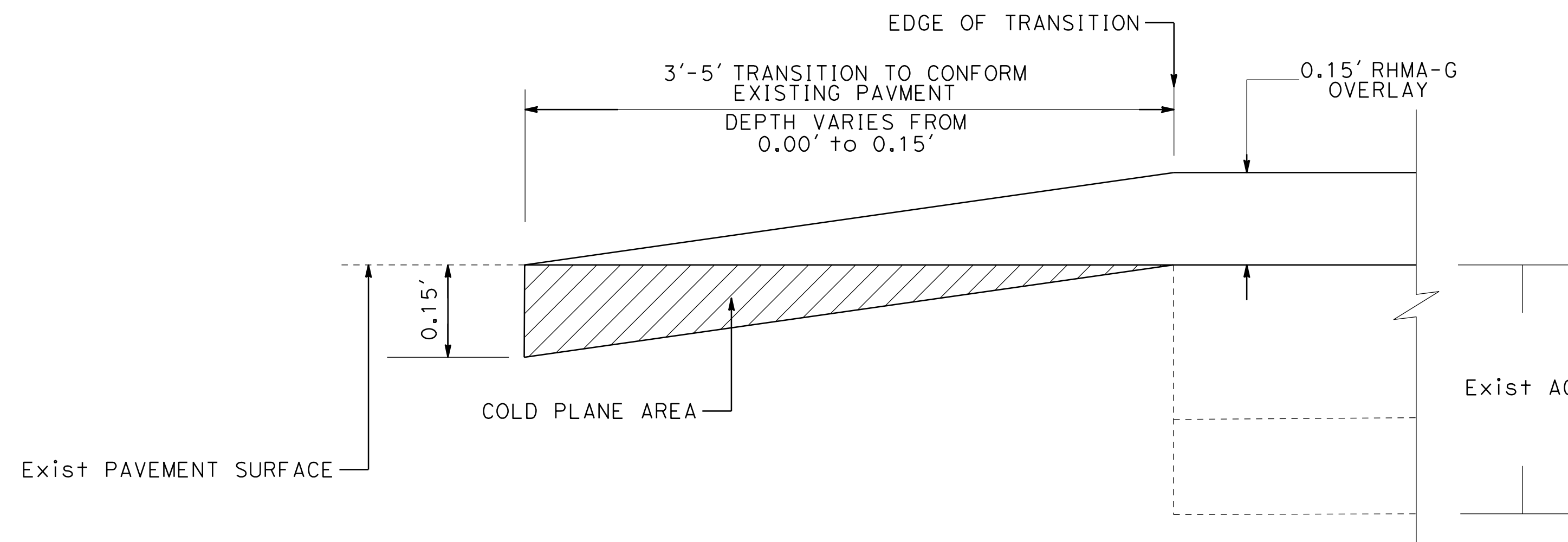
1. FOR FOLLOWING AT GRADE INTERSECTIONS, WORK IS LIMITED TO CURB RETURN OF CROSS STREET OR R/W, WHICHEVER IS CLOSE.



**PAVEMENT LIMIT AT INTERSECTIONS**



**TYPICAL TRANSITION TO CONFORM EXISTING PAVEMENT AT PAVED DRIVE WAY**



**SECTION A-A**

**LEGEND:**

COLD PLANE AREA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C  
 FUNCTIONAL SUPERVISOR  
 TELEGNE, YESSUF M  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 DANG KHOA VO  
 VORREITER BARNEY  
 REVISED BY  
 DATE REVISED

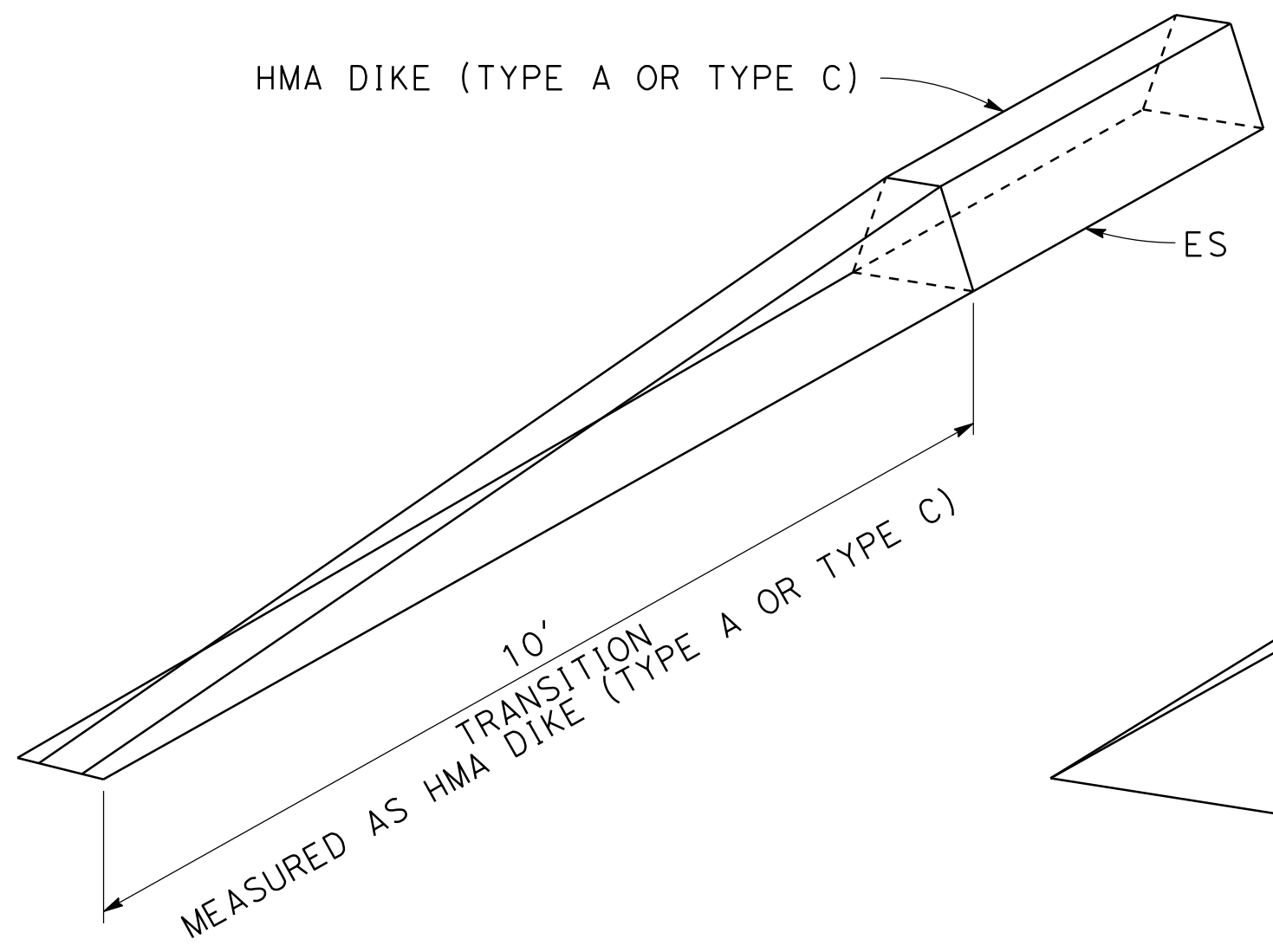
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	41	164

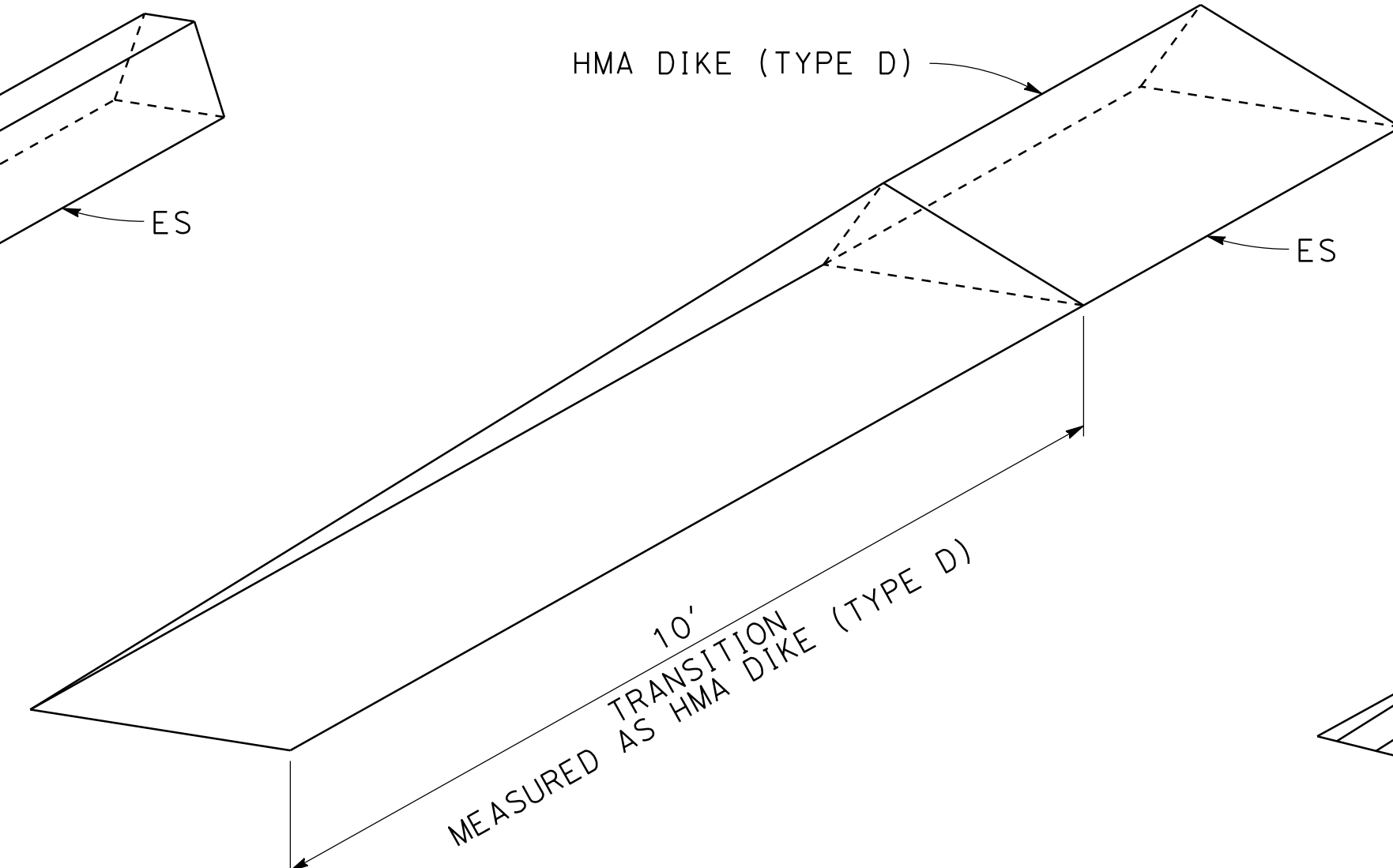
REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE

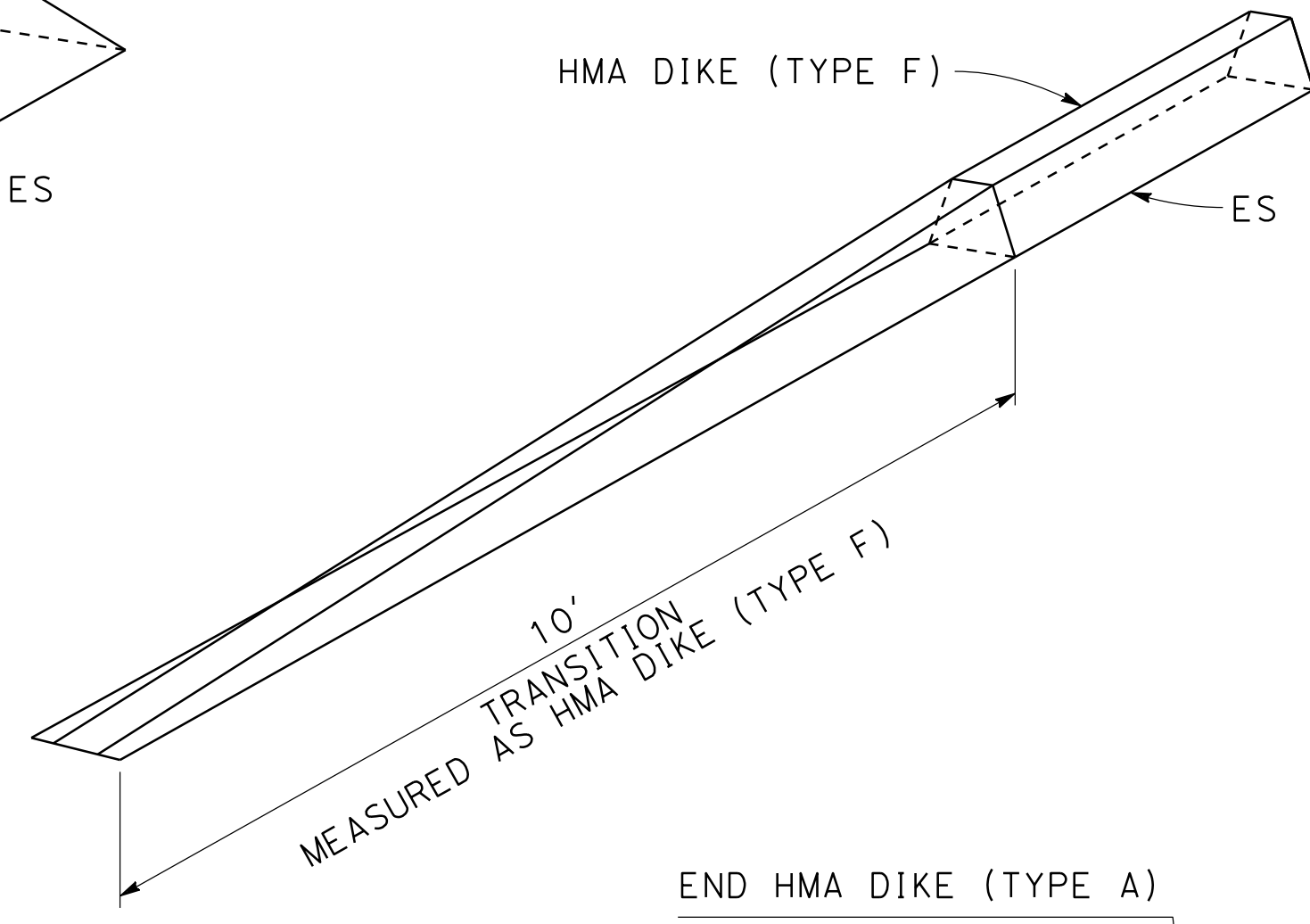
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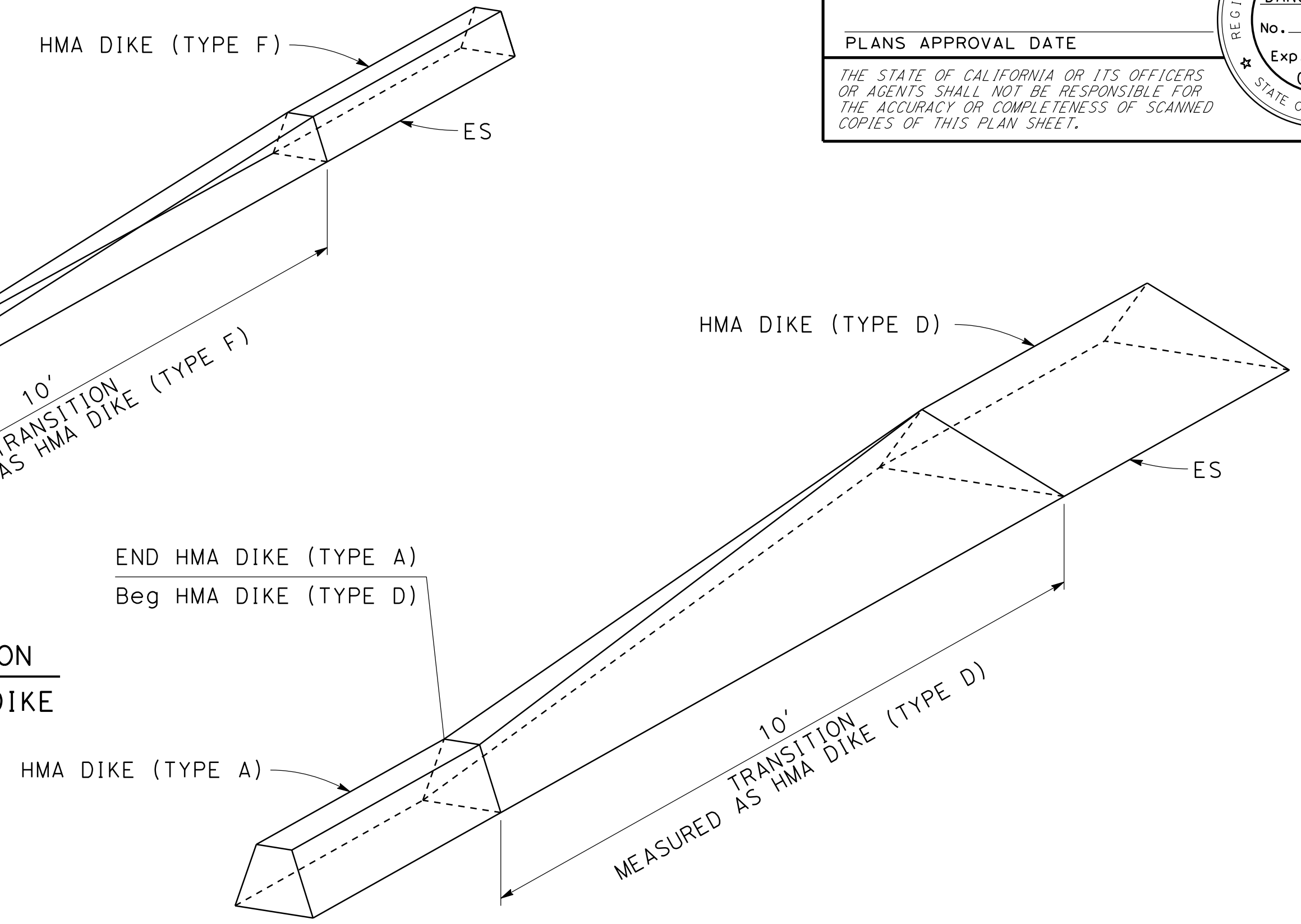
DIKE TRANSITION  
TYPE A,C TO NO DIKE



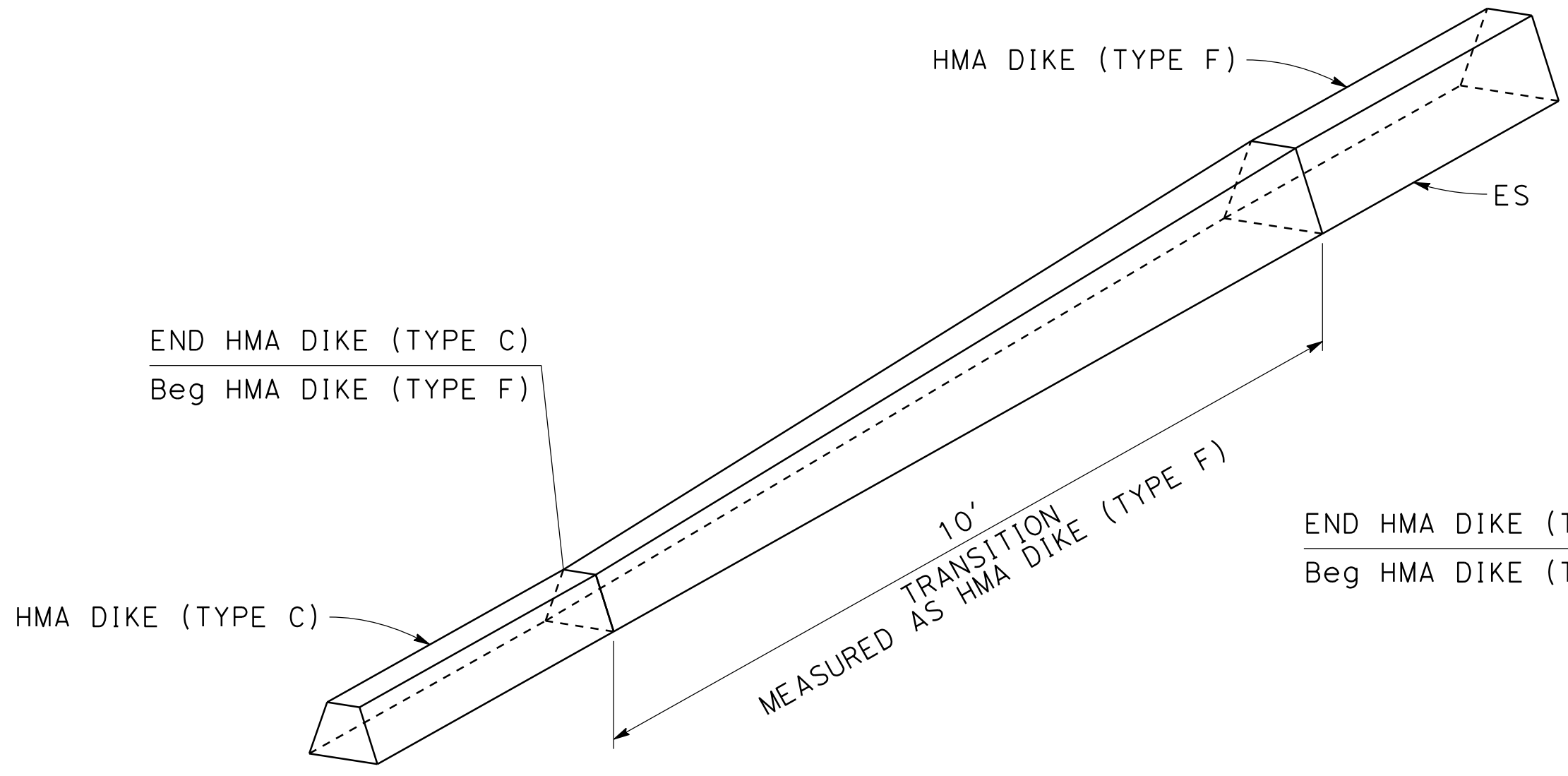
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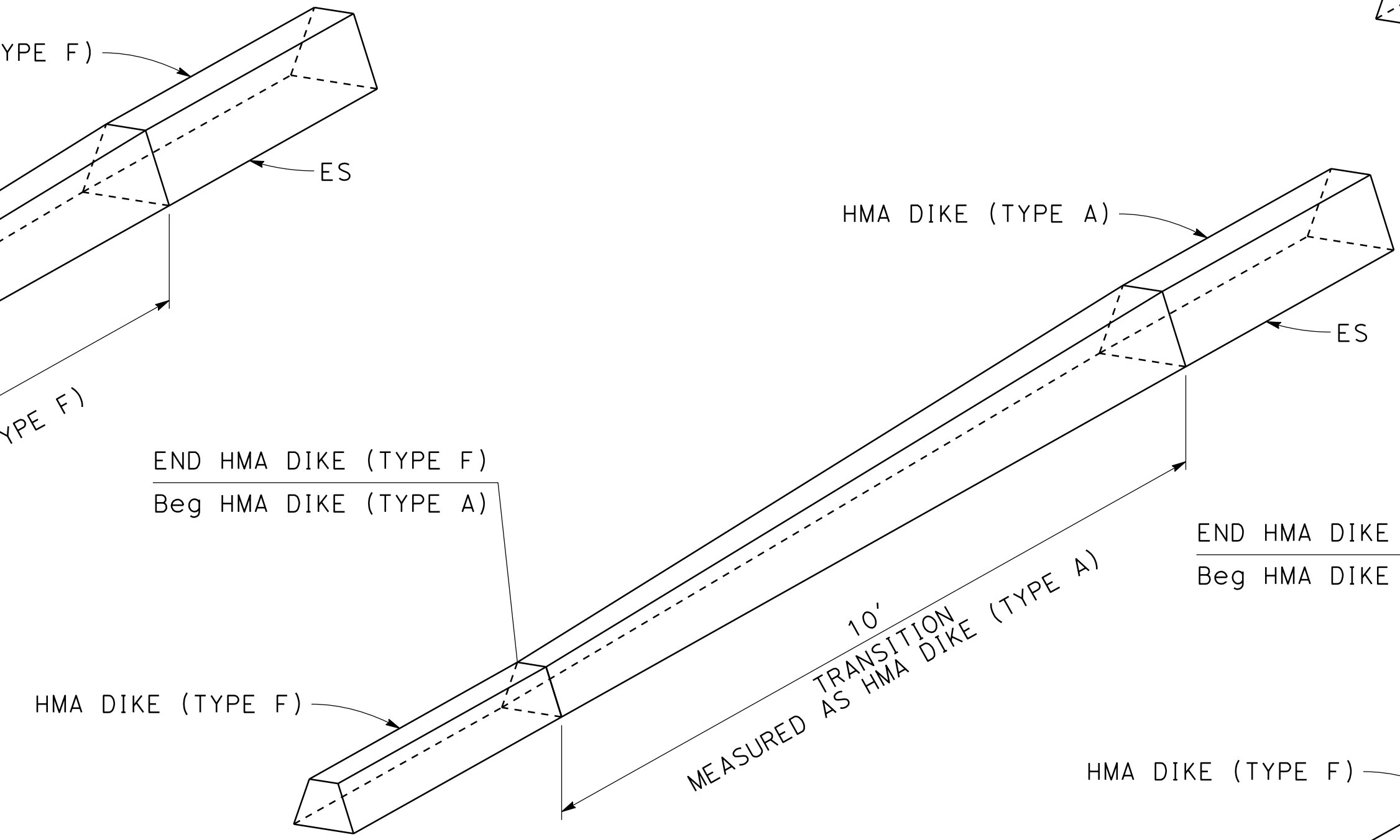
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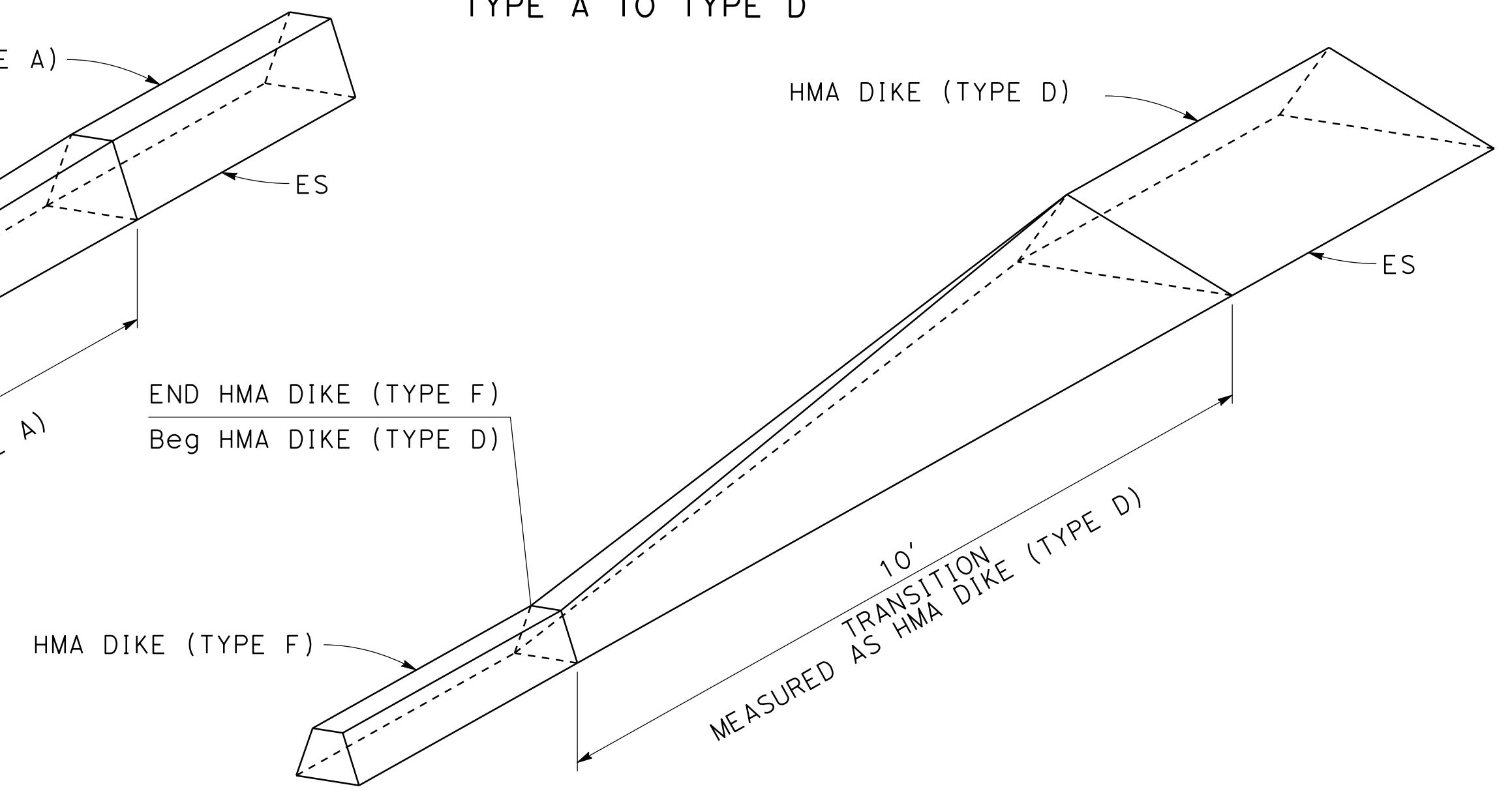
DIKE TRANSITION  
TYPE A TO TYPE D



DIKE TRANSITION  
TYPE C TO TYPE F



DIKE TRANSITION  
TYPE F TO TYPE A



DIKE TRANSITION  
TYPE F TO TYPE D

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
DESIGN C

REVISOR: DANG KHOA VO  
DATE: 1/30/2022

DESIGNER: VORREITER BARNEY

FUNCTIONAL SUPERVISOR: TELEGNE, YESSUF M

DESIGN C



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	42	164

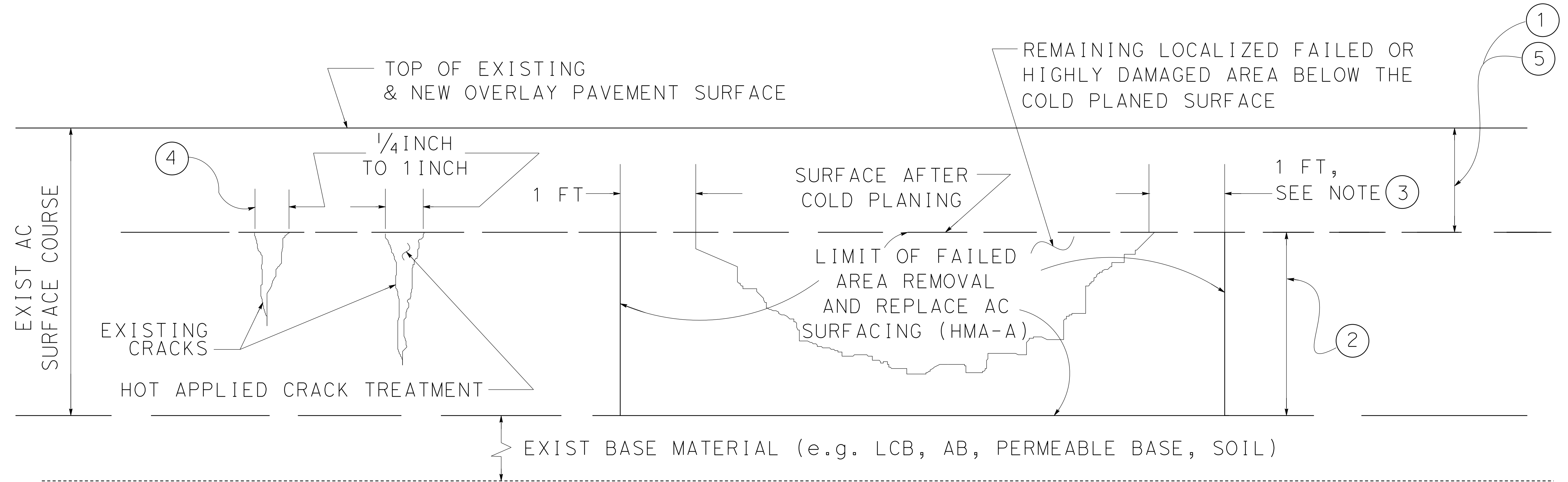
  

REGISTERED CIVIL ENGINEER	DATE
DANG KHOA VO	
No. 89779	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE \_\_\_\_\_

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**DETAIL A - FOR COLD PLANE & OVERLAY**  
**SEAL RANDOM CRACKS & REPAIR FAILED AREAS**  
**REPLACE ASPHALT CONCRETE SURFACING (HMA-A)**



- NOTES:
- ① COLD PLANE THE PLANNED THICKNESS OF EXISTING AC PAVEMENT. LEAVE AT LEAST THE BOTTOM 0.15' OF THE EXISTING AC SURFACE COURSE INTACT FOR STABILITY. OTHERWISE, REMOVE AND REPLACE THE ENTIRE SURFACE COURSE'S THICKNESS.
  - ② REMOVE AND REPLACE WITH AC SURFACING (HMA-A) FOR THE ENTIRE DEPTH OF THE AC COURSE. IF THE FAILED AREA REACHES INTO THE BASE MATERIAL, THEN REPLACE THE BASE IN KIND PRIOR TO THE REPLACEMENT OF THE AC SURFACING (HMA-A).
  - ③ EXTEND AT LEAST 1 FOOT INTO THE "GOOD" PAVEMENT SURROUNDING THE AREA TO BE REPLACED.
  - ④ SEAL ALL CRACKS THAT ARE 1/4 INCH TO 1 INCH WIDTH WITH HOT APPLIED CRACK TREATMENT.
  - ⑤ OVERLAY WITH THE PLANNED THICKNESS OF HMA OR RHMA-G AFTER CRACK TREATMENT HAS BEEN APPLIED FOR THE EXISTING CRACKS AND LOCALIZED FAILED AREAS HAVE BEEN REPAIRED.

**CONSTRUCTION DETAIL**  
NO SCALE  
**C-7**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
TEGEGNE, YESSUF M

CALCULATED-DESIGNED BY  
DANG KHOA VO

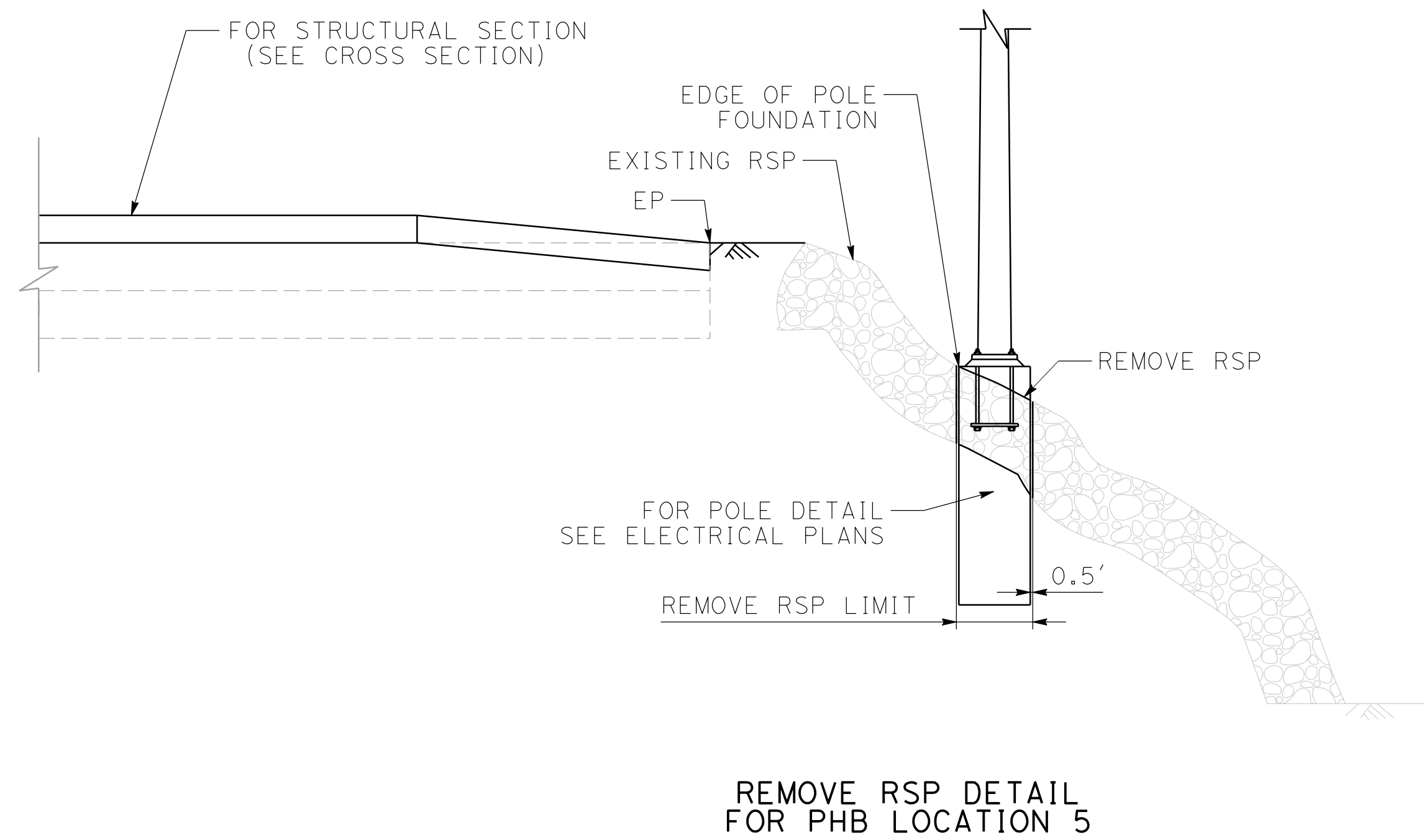
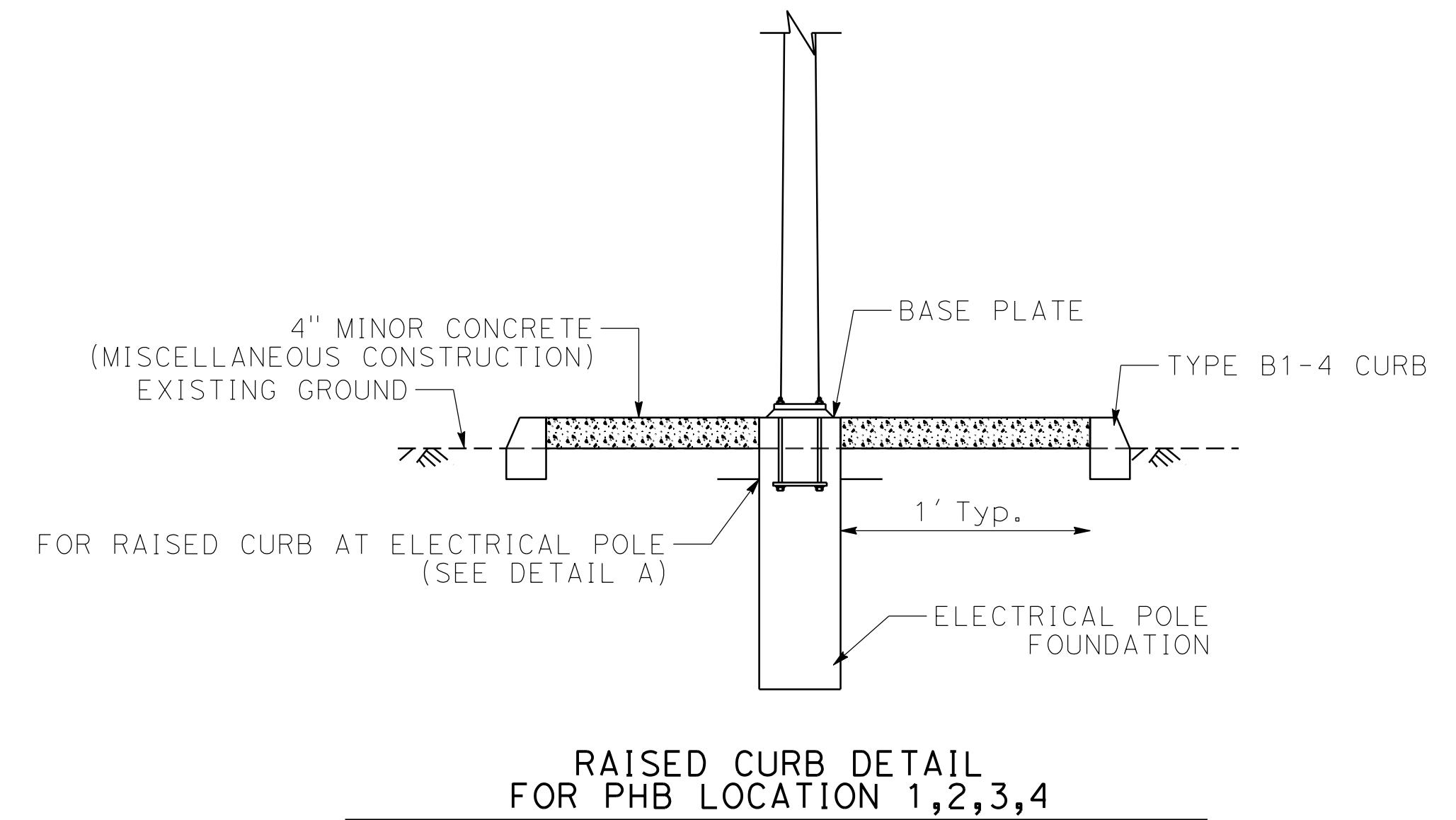
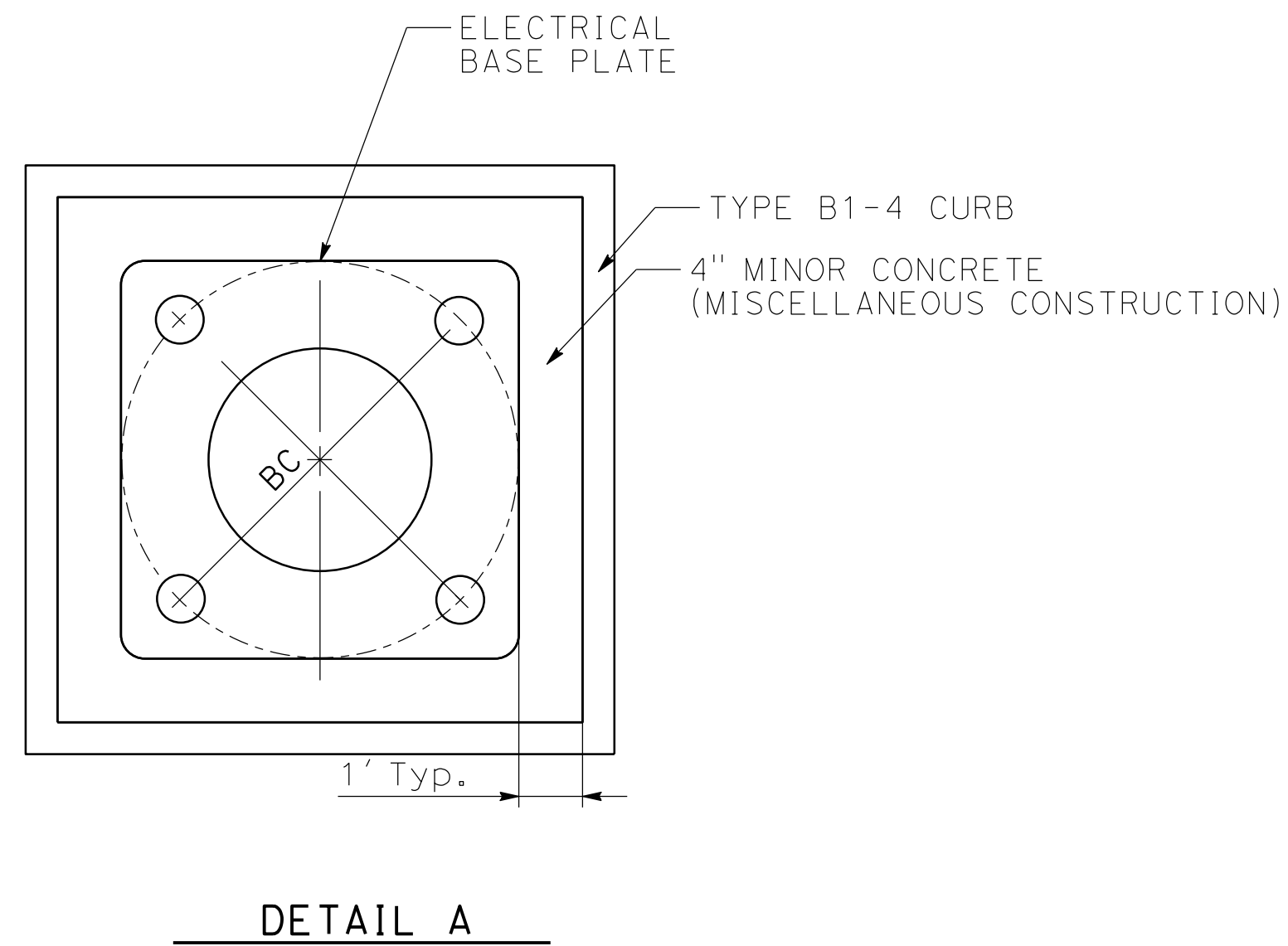
CHECKED BY  
VORREITER BARNEY

REVISED BY  
DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	43	164
REGISTERED CIVIL ENGINEER DATE					
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>					

**NOTES:**

1. Installation of Sign Poles will require Temporary Casing



**CONSTRUCTION DETAIL**  
NO SCALE  
**C-8**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN C
FUNCTIONAL SUPERVISOR	TEGEGNE, YESSUF M
CALCULATED-DESIGNED BY	CHECKED BY
DANG KHOA VO	VORREITER BARNEY
REVISED BY	DATE REVISED

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	44	164

00-00-2020	
REGISTERED CIVIL ENGINEER	DATE
WING-YAN LEE	
No. 61452	
Exp. 6-30-23	
CIVIL	
STATE OF CALIFORNIA	



PLANS APPROVAL DATE \_\_\_\_\_

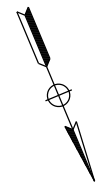
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**NOTES:**

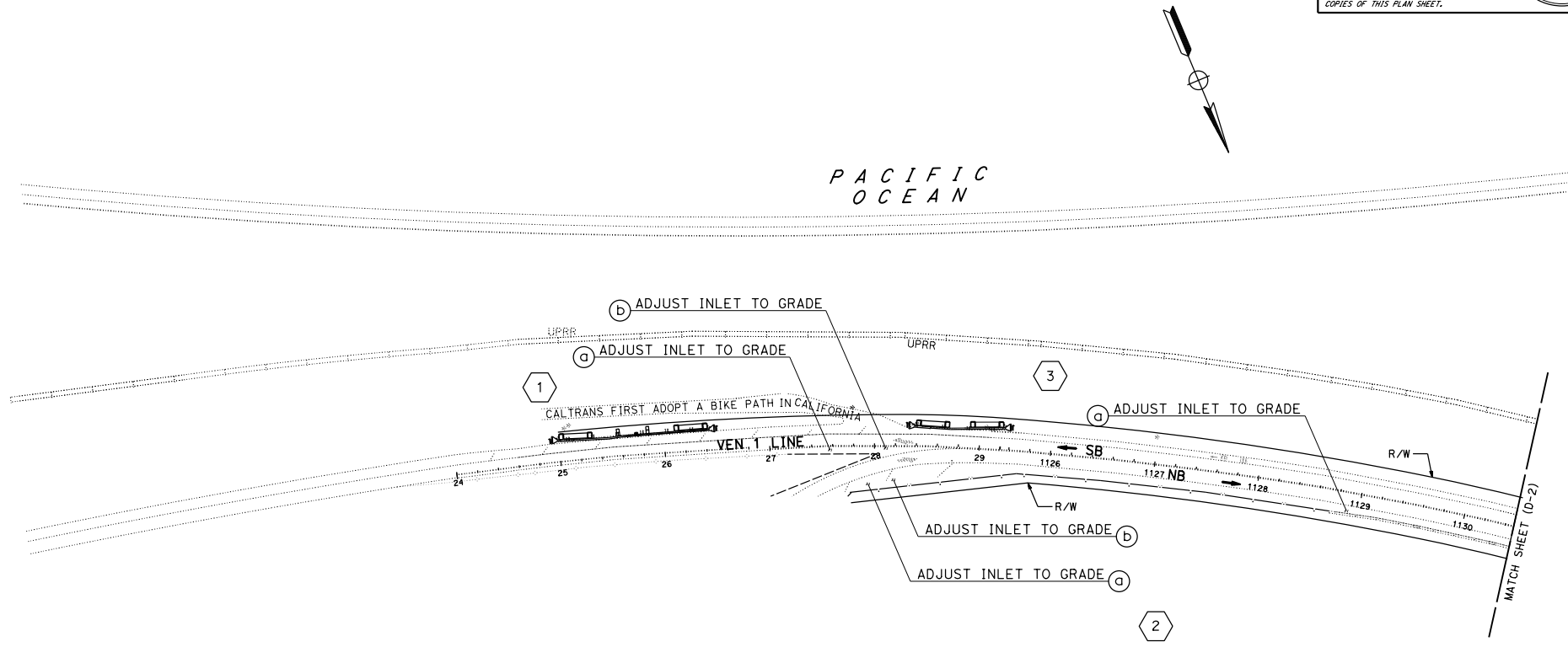
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING DRAINAGE SYSTEMS BEFORE COMMENCEMENT OF WORK

**LEGEND:**

-  DRAINAGE SYSTEM NO.
-  DRAINAGE UNIT



STATE OF CALIFORNIA -- DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 HYDRAULICS  
 FUNCTIONAL SUPERVISOR  
 WING YAN LEE  
 CALCULATED BY  
 DESIGNED BY  
 CHECKED BY  
 NESTOR VALENTON  
 WING YAN LEE  
 REVISED BY  
 DATE  
 REVISED  
 DATE  
 REVISED



APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE PLAN**  
 SCALE: 1" = 50'  
**D-1**

LAST REVISION: DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 21:35

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 HYDRAULICS

FUNCTIONAL SUPERVISOR  
 WING YAN LEE

CALCULATED BY  
 DESIGNED BY  
 CHECKED BY

NESTOR VALENTON  
 WING YAN LEE

REVISED BY  
 DATE REVISED

**NOTES:**

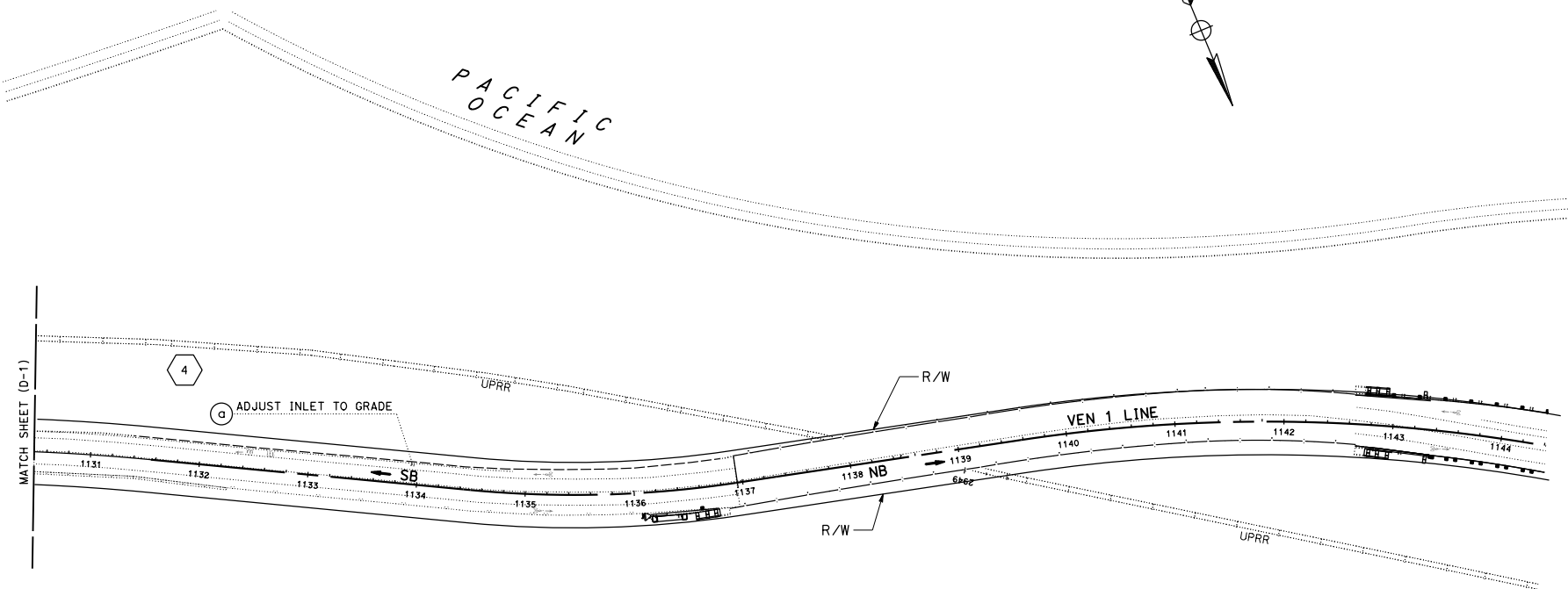
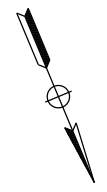
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DIST	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	45	164

00-00-2020  
 REGISTERED CIVIL ENGINEER DATE  
 WING-YAN LEE  
 No. 61452  
 Exp. 6-30-23  
 CIVIL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE

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APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE PLAN**  
 SCALE: 1" = 50' **D-2**

LAST REVISION: DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 21:35

DIST	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	46	164

00-00-2020	
REGISTERED CIVIL ENGINEER	DATE
WING-YAN LEE	
No. 61452	
Exp. 6-30-23	
CIVIL	
STATE OF CALIFORNIA	

PLANS APPROVAL DATE \_\_\_\_\_

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**NOTES:**

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- THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING DRAINAGE SYSTEMS BEFORE COMMENCEMENT OF WORK

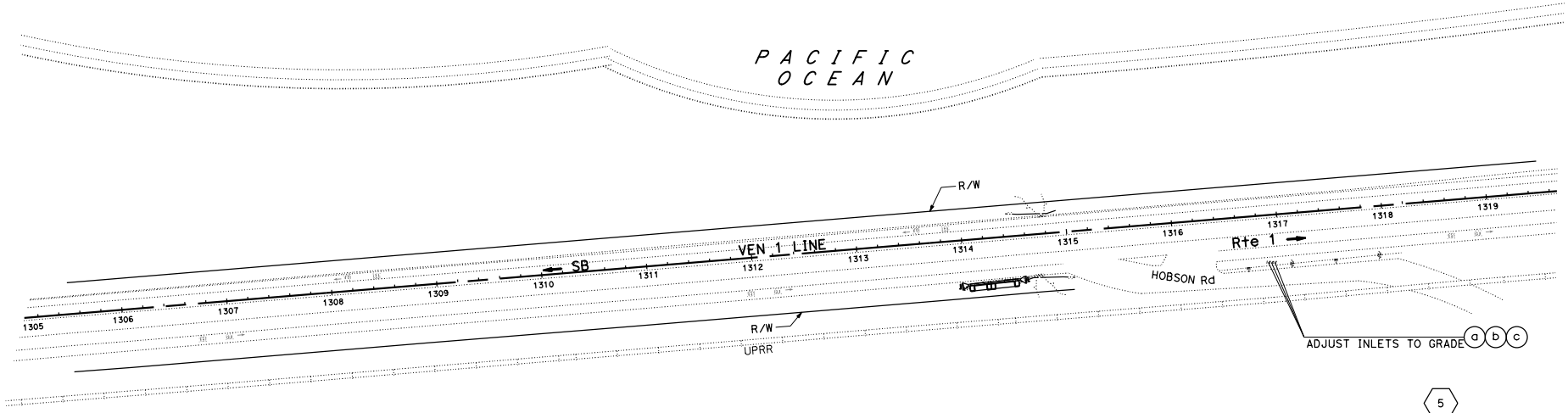
STATE OF CALIFORNIA -- DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 HYDRAULICS

FUNCTIONAL SUPERVISOR  
 WING YAN LEE

CALCULATED, DESIGNED BY  
 CHECKED BY

NESTOR VALENTON  
 WING YAN LEE

REVISED BY  
 DATE REVISED



5

APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE PLAN**  
 SCALE: 1" = 50' **D-3**

LAST REVISION: DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 21:36



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**Caltrans**  
 HYDRAULICS

FUNCTIONAL SUPERVISOR  
 WING YAN LEE

CALCULATED, DESIGNED BY  
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NESTOR VALENTON  
 WING YAN LEE

REVISED BY  
 DATE REVISED

**NOTES:**

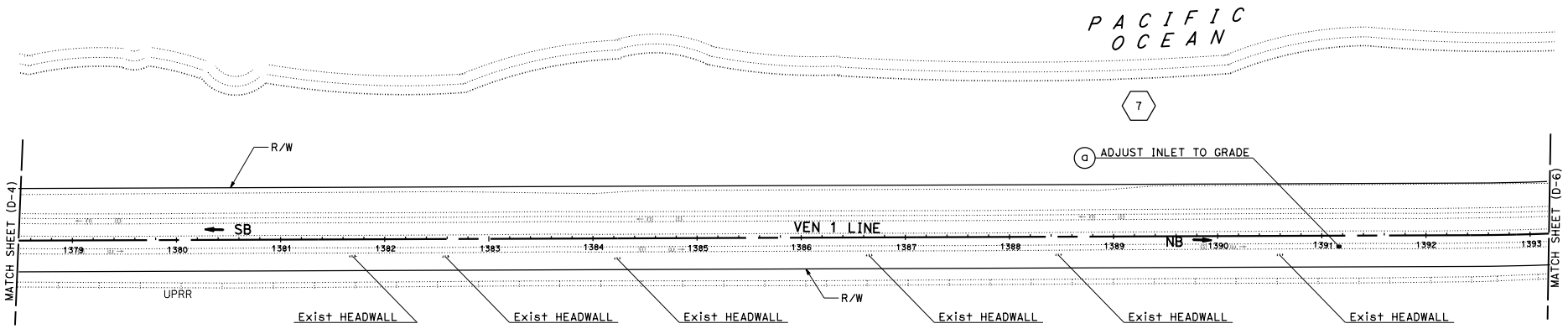
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING DRAINAGE SYSTEMS BEFORE COMMENCEMENT OF WORK

DIST	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	48	164

00-00-2020  
 REGISTERED CIVIL ENGINEER DATE  
 WING-YAN LEE  
 No. 61452  
 Exp. 6-30-23  
 CIVIL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE

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APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE PLAN**  
 SCALE: 1" = 50'  
**D-5**

LAST REVISION: DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 21:36

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	49	164

00-00-2020	
REGISTERED CIVIL ENGINEER	DATE
WING-YAN LEE	
No. 61452	
Exp. 6-30-23	
CIVIL	
STATE OF CALIFORNIA	

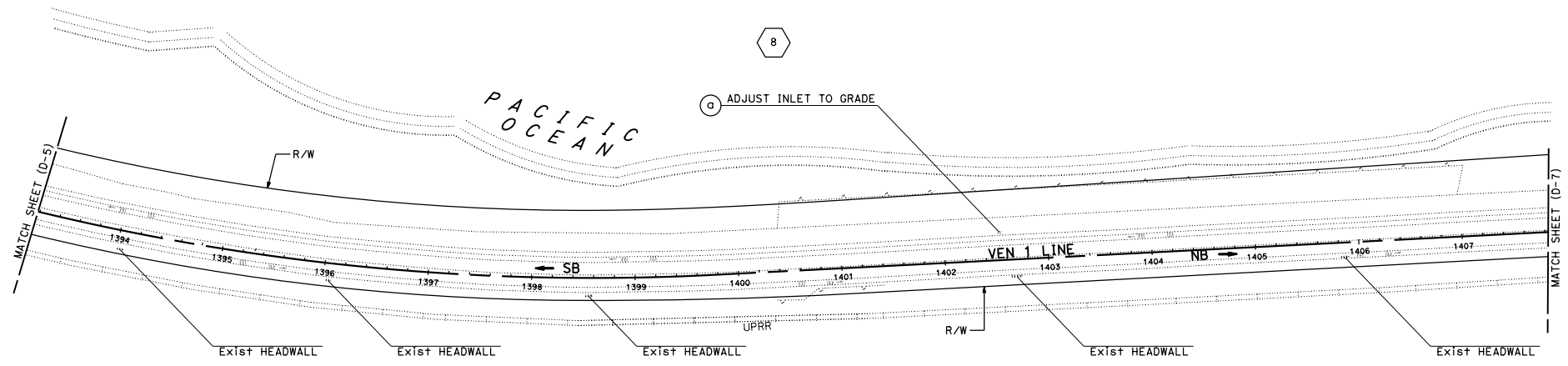
PLANS APPROVAL DATE \_\_\_\_\_

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- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
  - THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING DRAINAGE SYSTEMS BEFORE COMMENCEMENT OF WORK

STATE OF CALIFORNIA -- DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 HYDRAULICS  
 FUNCTIONAL SUPERVISOR WING YAN LEE  
 CALCULATED BY DESIGNED BY NESTOR VALENTON  
 CHECKED BY WING YAN LEE  
 REVISED BY DATE REVISED



APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE PLAN**  
 SCALE: 1" = 50'  
**D-6**

LAST REVISION: DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 21:37





STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 HYDRAULICS

FUNCTIONAL SUPERVISOR  
 WING YAN LEE

CALCULATED BY  
 DESIGNED BY  
 CHECKED BY

NESTOR VALENTON  
 WING YAN LEE

REVISED BY  
 DATE REVISED

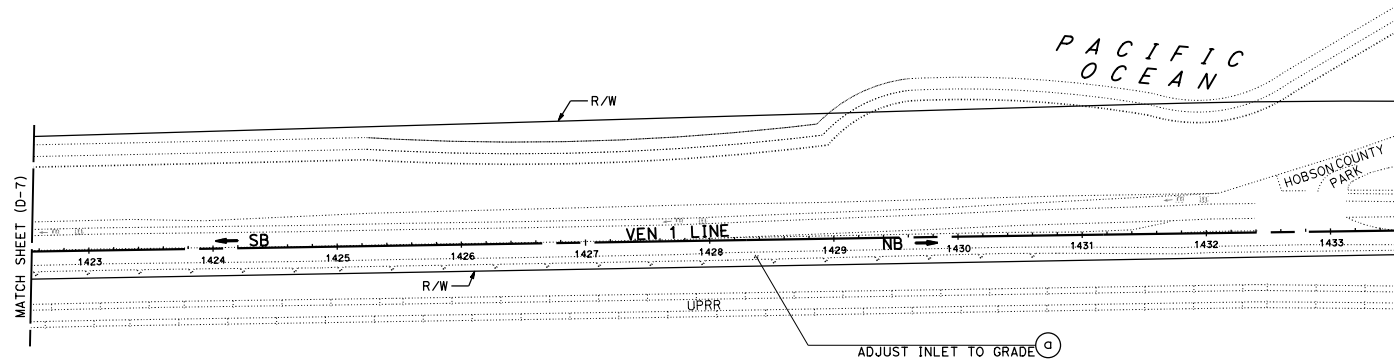
**NOTES:**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING DRAINAGE SYSTEMS BEFORE COMMENCEMENT OF WORK

DIST	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	51	164

00-00-2020  
 REGISTERED CIVIL ENGINEER DATE  
 WING-YAN LEE  
 No. 61452  
 Exp. 6-30-23  
 CIVIL  
 STATE OF CALIFORNIA

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10

APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE PLAN**  
 SCALE: 1" = 50'  
**D-8**

LAST REVISION: DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 21:37

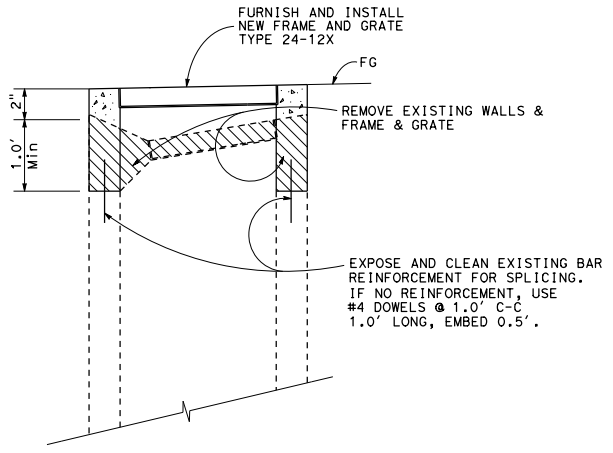
STATE OF CALIFORNIA -- DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 HYDRAULICS

FUNCTIONAL SUPERVISOR  
 WING YAN LEE

CALCULATED, DESIGNED BY  
 CHECKED BY

NESTOR VALENTON  
 WING YAN LEE

REVISED BY  
 DATE REVISED



**ADJUST INLET**  
 (TYPE G6 INLET SHOWN)

NOTE:  
 1. FOR DETAILS AND INFORMATION NOT SHOWN  
 SEE STANDARD PLAN D72B

DIST	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	1	21.2/28.4	52	164

00-00-2020  
 REGISTERED CIVIL ENGINEER DATE  
 WING-YAN LEE  
 No. 61452  
 Exp. 6-30-23  
 CIVIL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE

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APPROVED FOR DRAINAGE WORK ONLY

**DRAINAGE DETAILS**  
 NO SCALE  
**DD-1**

**NOTES:**

1. (N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

SHEET NUMBER	DRAINAGE SYSTEM NUMBER	DRAINAGE UNIT	ADJUST INLET		DESCRIPTION	STATION
			EA	EA		
D-1	1	a	1	1	ADJUST INLET TO GRADE	3.18' Rt, 27+57.55 @ VEN 1
		b	1	1	ADJUST INLET TO GRADE	1.56' Rt, 28+10.76 @ VEN 1
D-1	2	a	1	1	ADJUST INLET TO GRADE	35.62' Rt, 27+93.83 @ VEN 1
		b	1	1	ADJUST INLET TO GRADE	31.65' Rt, 28+18.14 @ VEN 1
D-1	3	a	1	1	ADJUST INLET TO GRADE	17.44' Rt, 1128+88.46 @ VEN 1
D-2	4	a	1	1	ADJUST INLET TO GRADE	18.12' Lt, 1133+94.86 @ VEN 1
D-3	5	a	1	1	ADJUST INLET TO GRADE	44.78' Rt, 1316+88.61 @ VEN 1
		b	1	1	ADJUST INLET TO GRADE	45.11' Rt, 1316+91.58 @ VEN 1
		c	1	1	ADJUST INLET TO GRADE	45.37' Rt, 1316+94.89 @ VEN 1
D-4	6	a	1	1	ADJUST INLET TO GRADE	9.71' Rt, 1368+83.51 @ VEN 1
D-5	7	a	1	1	ADJUST INLET TO GRADE	10.03' Rt, 1391+16.44 @ VEN 1
D-6	8	a	1	1	ADJUST INLET TO GRADE	26.86' Lt, 1402+53.87 @ VEN 1
D-7	9	a	1	1	ADJUST INLET TO GRADE	21.06' Lt, 1413+10.95 @ VEN 1
		b	1	1	ADJUST INLET TO GRADE	22.02' Rt, 1413+14.51 @ VEN 1
D-8	10	a	1	1	ADJUST INLET TO GRADE	13.45' Rt, 1428+37.3 @ VEN 1
TOTAL			15	15		

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	53	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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**DRAINAGE QUANTITIES  
 DQ-1**

LAST REVISED: DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 21:38

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	001	21.2 / 28.4	54	

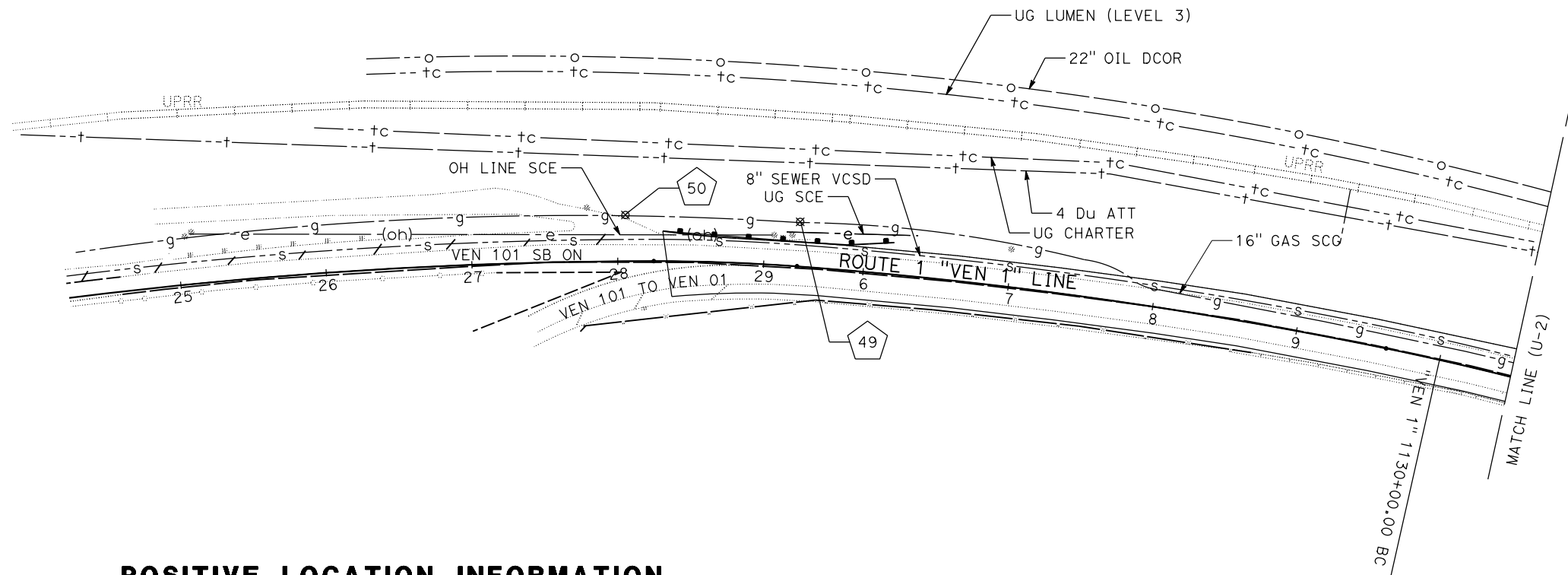
*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
No. C74591  
Exp. 12-31-23  
CIVIL  
PLANS APPROVAL DATE \_\_\_\_\_  
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- UTILITY INFORMATION SHOWN IS INCOMPLETE. ALL EXISTING HIGH PRIORITY UTILITIES HAVE NOT BEEN POSITIVELY LOCATED.
- UTILITY OWNERSHIP:  
ELECTRICAL - SOUTHERN CALIFORNIA EDISON (SCE)  
GASOLINE - DCOR  
NATURAL GAS - SOUTHERN CALIFORNIA GAS COMPANY (SCG)  
OIL - DCOR  
SEWER - VENTURA COUNTY SANITARY DISTRICT  
TELECOM - LUMEN  
TELECOM - CHARTER  
TELEPHONE - AMERICAN TELEPHONE AND TELEGRAPH  
WATER - CASITAS MUNICIPAL WATER

**ABBREVIATIONS:**

- NL - NOT LOCATE  
MH - MANHOLE  
Du - DUCT



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
49	30.5' L+ "VEN 1" 28+05.5	1930675.77	6158251.76	5.08	30.04	TEST HOLE
50	31.7' L+ "VEN 1" 29+22.9	1930605.54	6158348.95	6.00	31.85	TEST HOLE NL ROCK

POTHOLE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR  
 ANTHONY NG

CALCULATED-DESIGNED BY  
 CHECKED BY

LOI M LAM  
 RICKY LEE

REVISED BY  
 DATE REVISED

**NOTES:**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. UTILITY INFORMATION SHOWN IS INCOMPLETE. ALL EXISTING HIGH PRIORITY UTILITIES HAVE NOT BEEN POSITIVELY LOCATED.

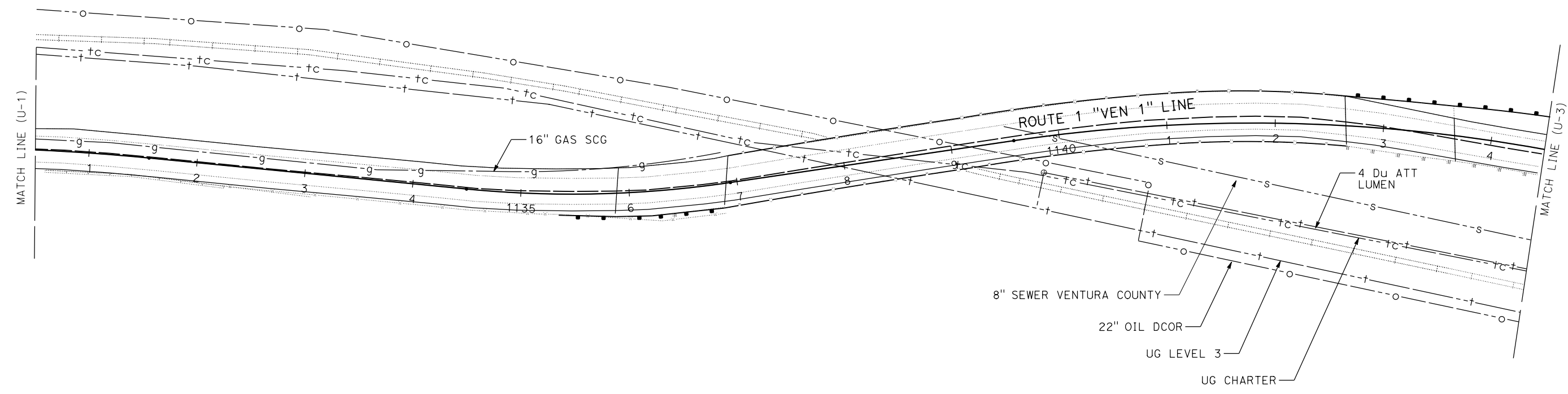
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	55	

*Ricky Lee*  
 REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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**RICKY LEE**  
 No. C74591  
 Exp. 12-31-23  
 CIVIL  
 STATE OF CALIFORNIA



**UTILITY PLAN**  
 SCALE: 1" = 50'  
**U-2**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR  
 ANTHONY NG

CALCULATED-DESIGNED BY  
 CHECKED BY

LOI M LAM  
 RICKY LEE

REVISED BY  
 DATE REVISED

**NOTES:**

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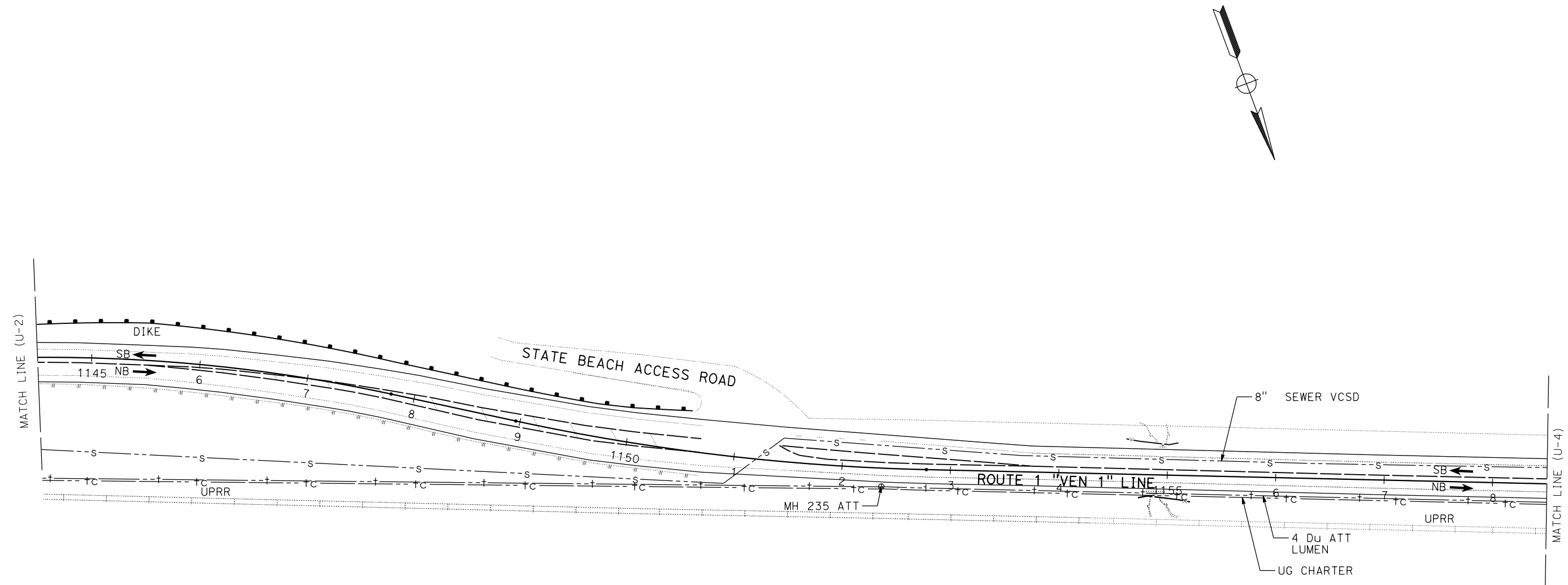
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	56	

*Ricky Lee*  
 REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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**RICKY LEE**  
 No. C74591  
 Exp. 12-31-23  
 CIVIL  
 STATE OF CALIFORNIA



**UTILITY PLAN**  
 SCALE: 1" = 50'  
**U-3**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	57	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

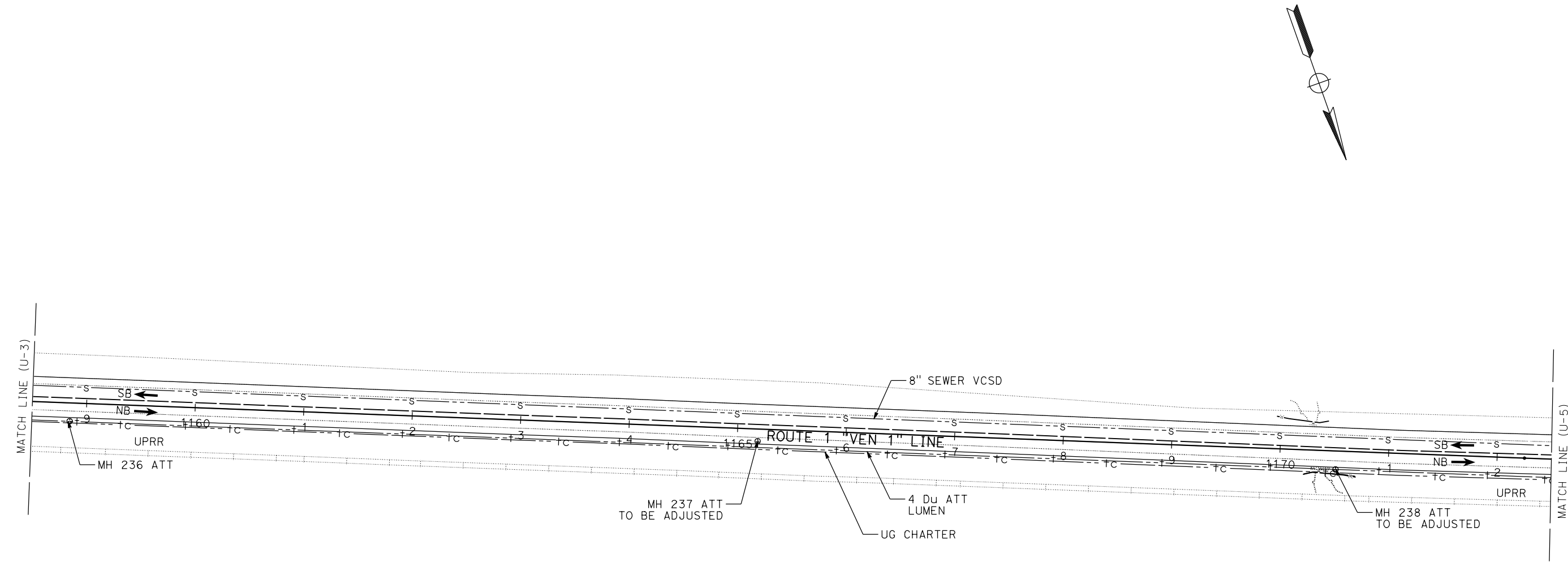
PLANS APPROVAL DATE \_\_\_\_\_

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LOI M LAM	REVISOR	DATE
RICKY LEE		
CHECKED BY	DESIGNED BY	
ANTHONY NG		
FUNCTIONAL SUPERVISOR		
ANTHONY NG		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		
<b>Caltrans</b> UTILITY ENGINEERING		



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-4**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	58	

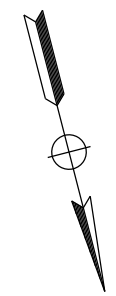
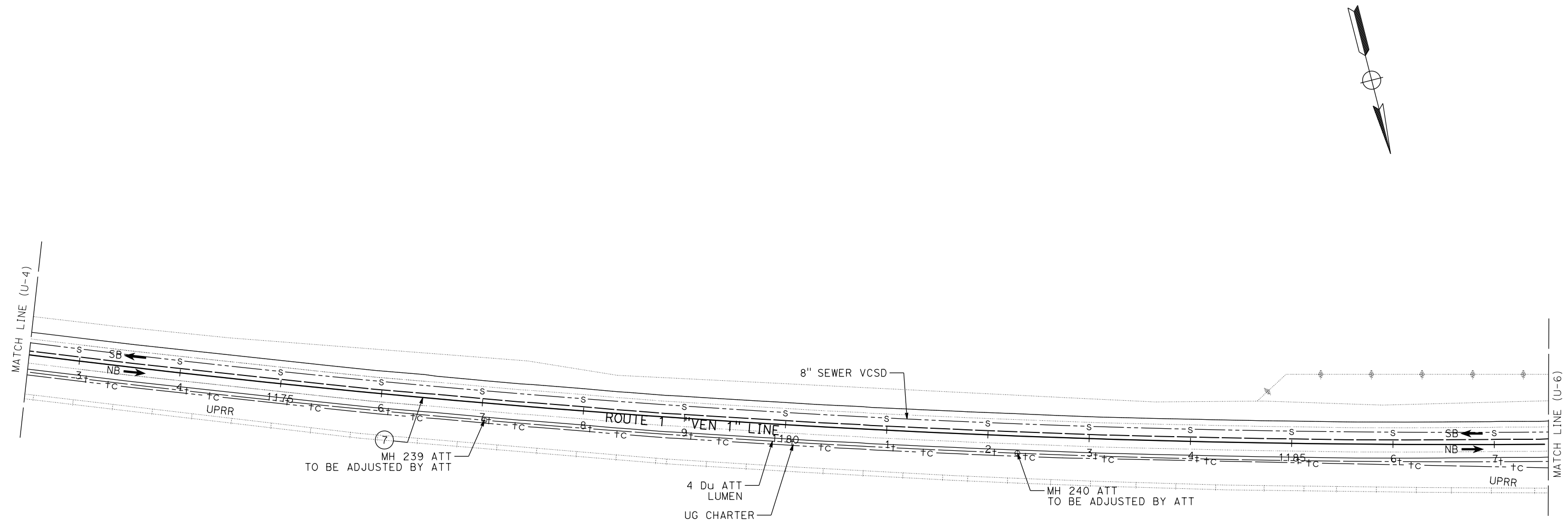
*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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LOI M LAM	REVISOR	DATE
RICKY LEE		
CHECKED BY	DESIGNED BY	
ANTHONY NG		
FUNCTIONAL SUPERVISOR		
ANTHONY NG		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		
<b>Caltrans</b> UTILITY ENGINEERING		



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-5**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	59	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

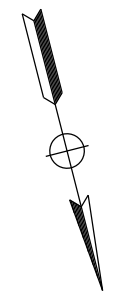
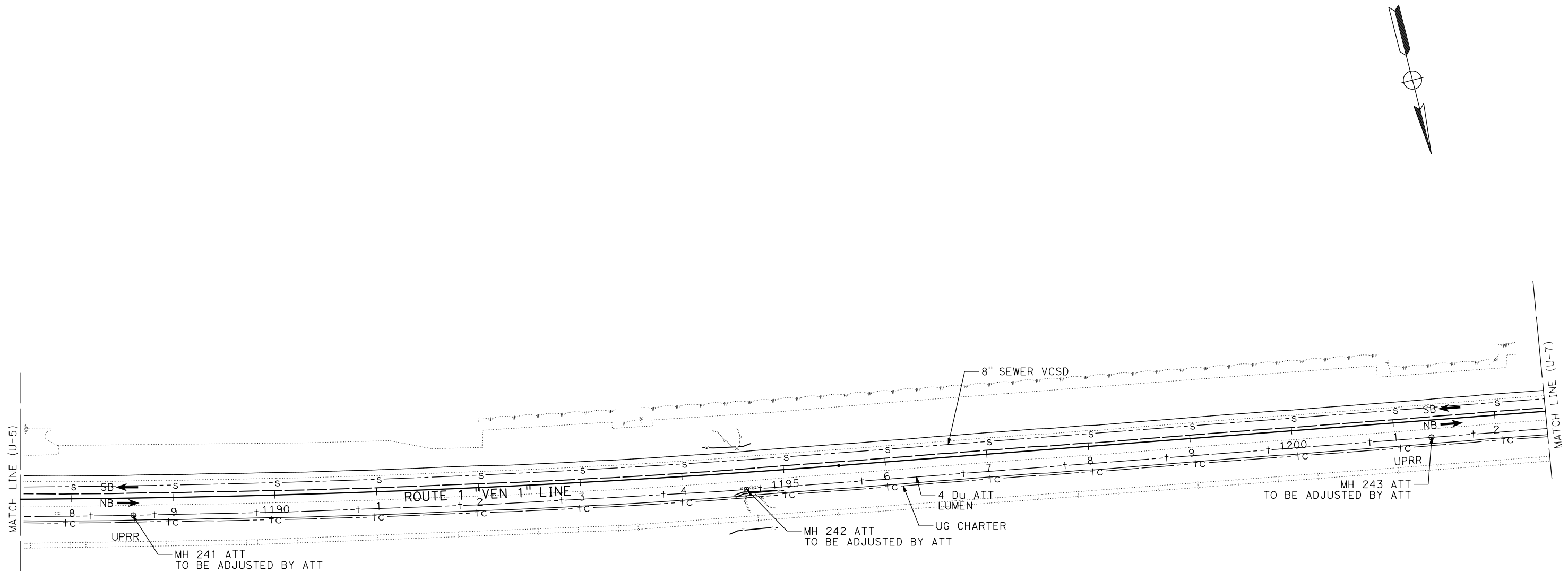
PLANS APPROVAL DATE \_\_\_\_\_

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	LOI M LAM	REVISOR
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	RICKY LEE	DATE
	CALCULATED-DESIGNED BY		REVISOR
	CHECKED BY		DATE



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-6**

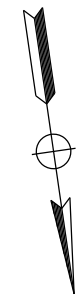
THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	60	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

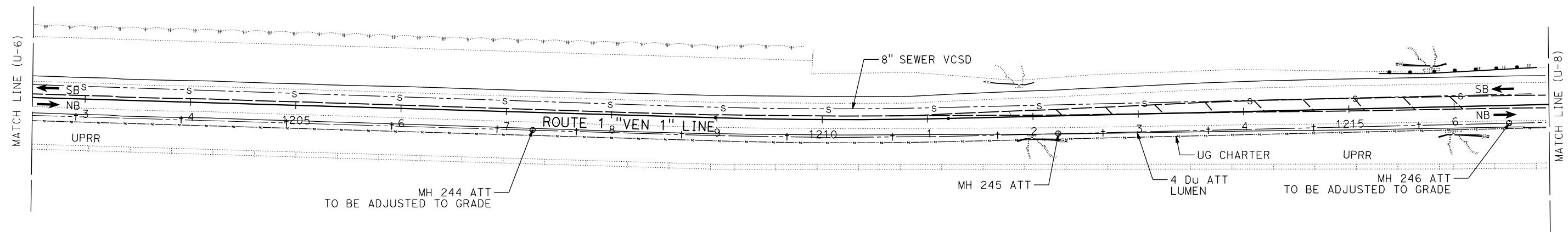
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	LOI M LAM	REVISOR BY
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	RICKY LEE	DATE REVISED
	CALCULATED-DESIGNED BY		
	CHECKED BY		



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-7**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	62	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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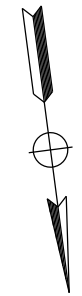
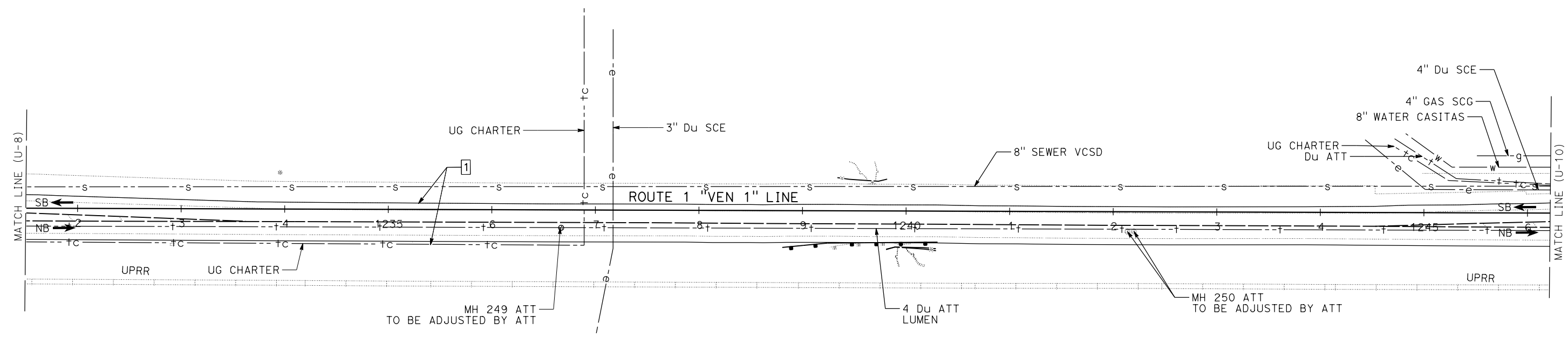
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR  
ANTHONY NG

CALCULATED-DESIGNED BY  
CHECKED BY

LOI M LAM  
RICKY LEE

REVISED BY  
DATE REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-9**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	63	

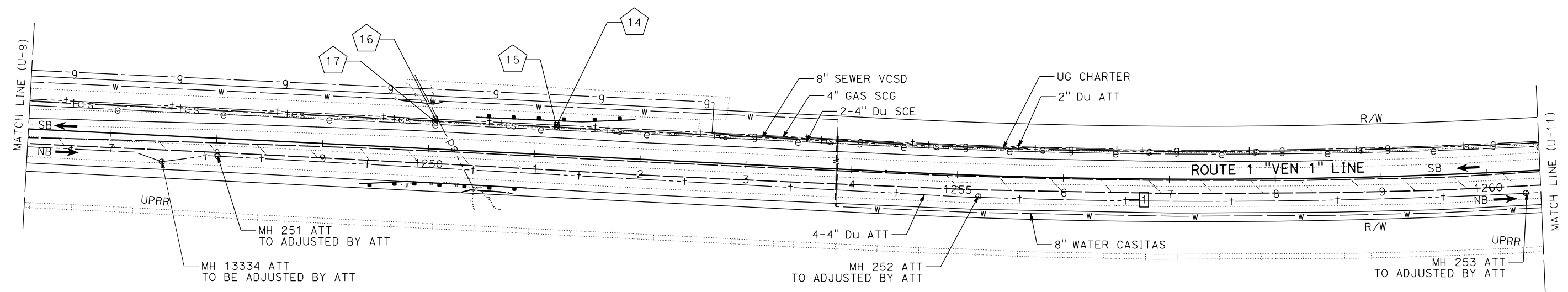
*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
FUNCTIONAL SUPERVISOR ANTHONY NG  
CALCULATED-DESIGNED BY CHECKED BY  
LOI M LAM RICKY LEE  
REVISED BY DATE REVISED



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
14	28.5' Lt "VEN 1" 1251+19.9	1940015.30	6149980.96	3.58	11.92	TEST HOLE
15	26.6' Lt "VEN 1" 1251+19.9	1940016.52	6149982.27	2.92	11.96	TEST HOLE
16	28.5' Lt "VEN 1" 1250+05.1	1939936.82	6150064.82	4.42	12.24	TEST HOLE
17	26.0' Lt "VEN 1" 1250+05.1	1939938.48	6150066.56	3.08	12.40	TEST HOLE

**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-10**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	65	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

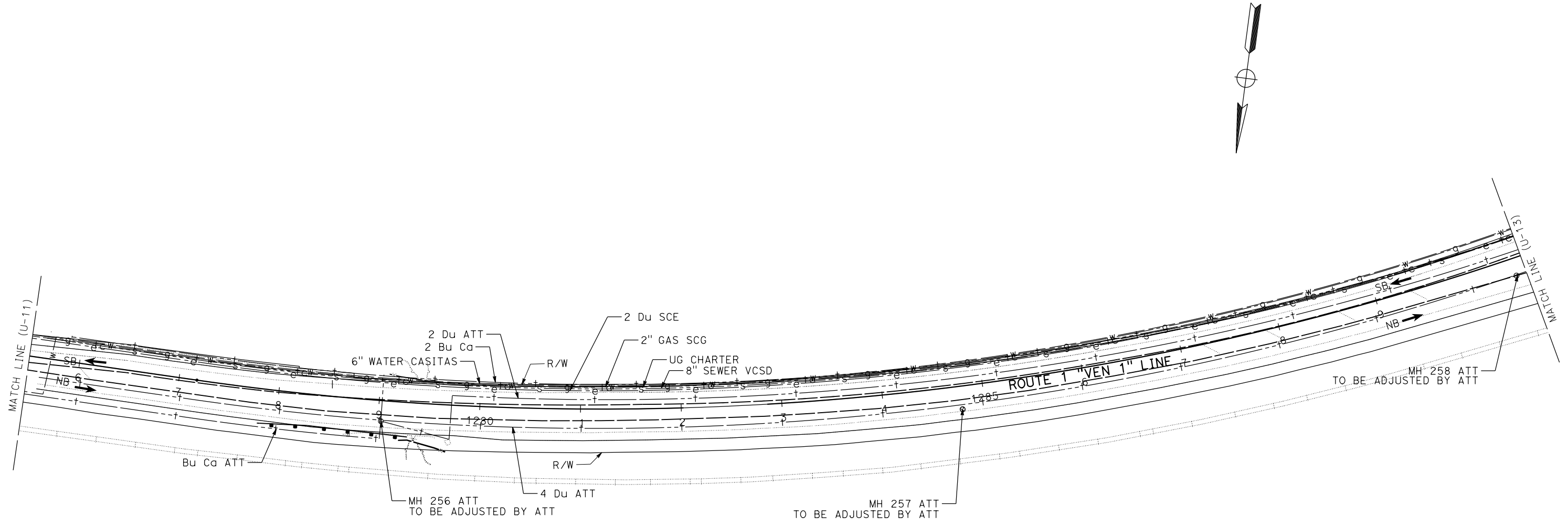
PLANS APPROVAL DATE \_\_\_\_\_

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	LOI M LAM	REVISOR BY
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	RICKY LEE	DATE
	CALCULATED-DESIGNED BY		REVISOR BY
	CHECKED BY		DATE



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-12**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY



Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	66	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
PLANS APPROVAL DATE \_\_\_\_\_

REGISTERED PROFESSIONAL ENGINEER  
RICKY LEE  
No. C74591  
Exp. 12-31-23  
CIVIL  
STATE OF CALIFORNIA

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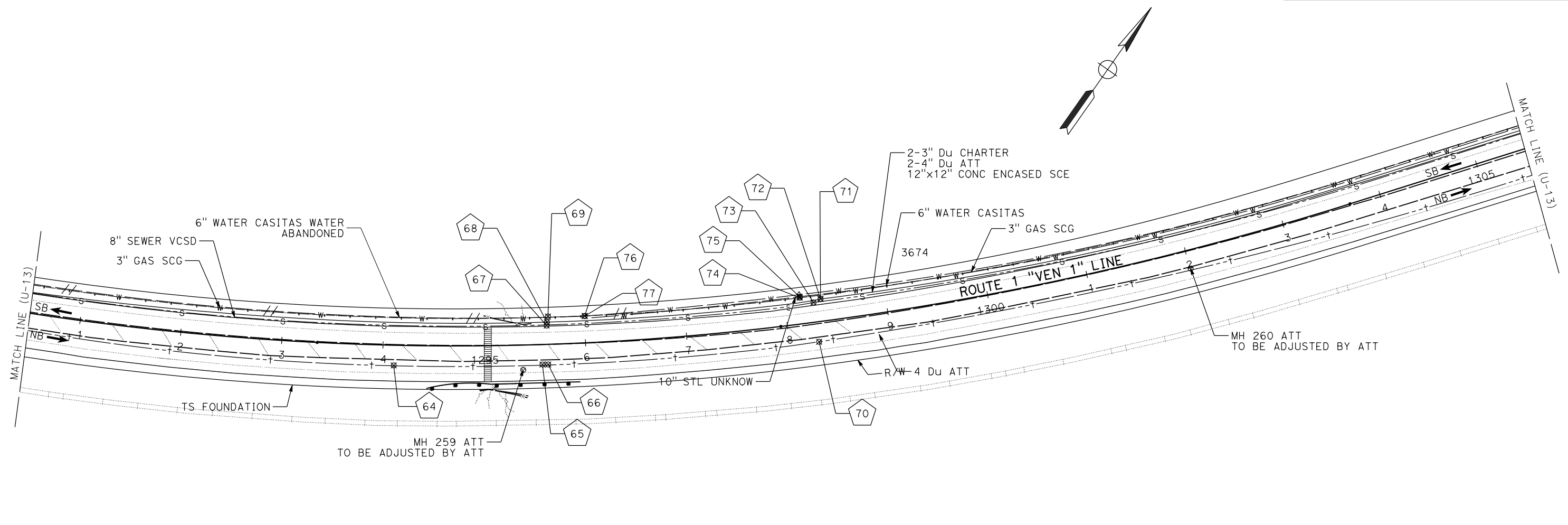
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - **UTILITY ENGINEERING**

FUNCTIONAL SUPERVISOR: ANTHONY NG

LOI M LAM: RICKY LEE

REVISOR: DATE

CHECKED BY: DESIGNED BY:



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
64	19.9' R+ "VEN 1" 1294+11.0	1942192.60	6146377.31	5.58	19.57	TEST HOLE
65	19.7' R+ "VEN 1" 1295+56.9	1942192.49	6146230.47	7.00	19.83	TEST HOLE NL
66	19.8' R+ "VEN 1" 1295+62.6	1942192.49	6146224.80	9.00	19.96	TEST HOLE NL
67	18.5' L+ "VEN 1" 1295+62.2	1942154.09	6146226.13	6.00	18.99	TEST HOLE
68	21.9' L+ "VEN 1" 1295+62.6	1942150.67	6146225.85	3.00	18.94	TEST HOLE
69	27.5' L+ "VEN 1" 1295+63.6	1942145.10	6146224.82	4.25	18.22	TEST HOLE
70	19.7' R+ "VEN 1" 1298+29.0	1942171.48	6145957.23	9.00	20.52	TEST HOLE NL
71	22.0' L+ "VEN 1" 1298+35.9	1942129.19	6145955.65	2.75	19.30	TEST HOLE
72	22.0' L+ "VEN 1" 1298+35.9	1942129.18	6145955.68	3.00	19.29	TEST HOLE
73	19.5' L+ "VEN 1" 1298+28.5	1942132.66	6145954.86	5.33	19.54	TEST HOLE
74	21.9' L+ "VEN 1" 1295+62.6	1942127.95	6145976.18	3.16	18.71	TEST HOLE
75	21.9' L+ "VEN 1" 1295+62.6	1942126.90	6145976.30	4.67	18.71	TEST HOLE
76	26.3' L+ "VEN 1" 1296+00.4	1942144.72	6146188.57	3.50	18.74	TEST HOLE
77	26.3' L+ "VEN 1" 1296+00.4	1942144.98	6146188.56	4.33	18.78	TEST HOLE

**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-13**

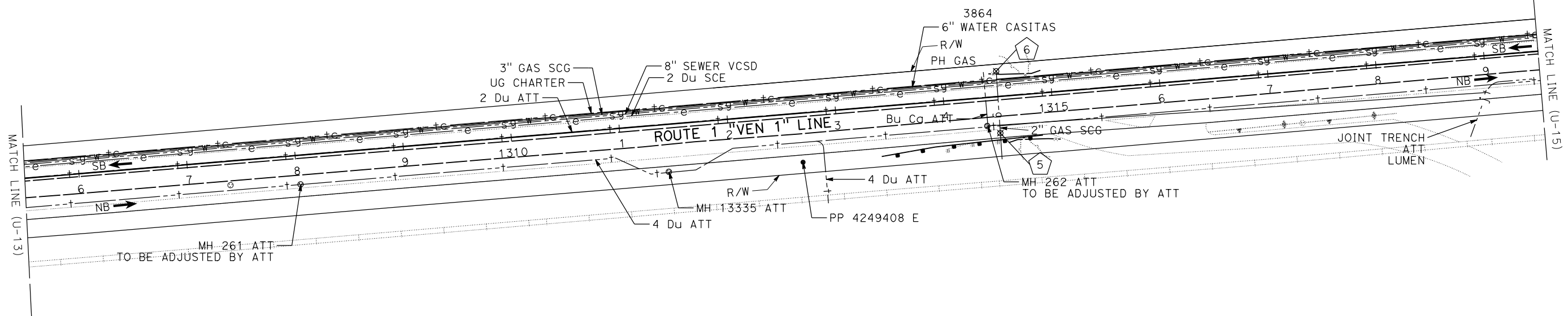
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	67	

*Ricky Lee*  
 REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 PLANS APPROVAL DATE \_\_\_\_\_  
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
 FUNCTIONAL SUPERVISOR ANTHONY NG  
 CALCULATED/DESIGNED BY CHECKED BY  
 LOI M LAM RICKY LEE  
 REVISED BY DATE REVISED



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
5	33.7' R+ "VEN 1" 1314+49.7	1941750.73	6144390.19	3.50	12.73	TEST HOLE
6	23.5' L+ "VEN 1" 1314+50.6	1941695.73	6144406.23	3.50	13.59	TEST HOLE

**UTILITY PLAN**  
 SCALE: 1" = 50'  
**U-14**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	68	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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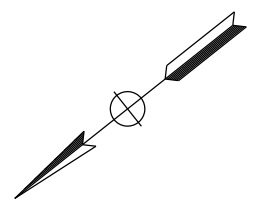
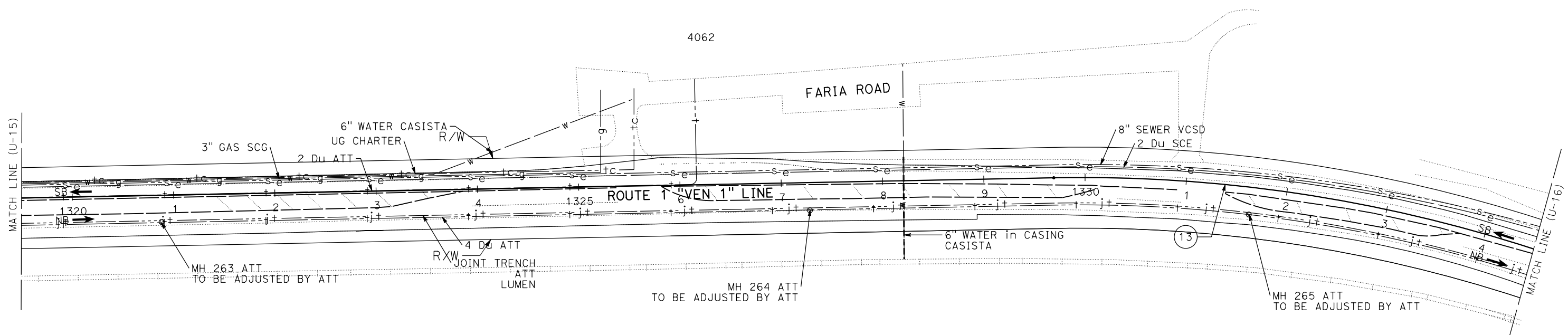
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR  
ANTHONY NG

CALCULATED-DESIGNED BY  
CHECKED BY

LOI M LAM  
RICKY LEE

REVISED BY  
DATE REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-15**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	69	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

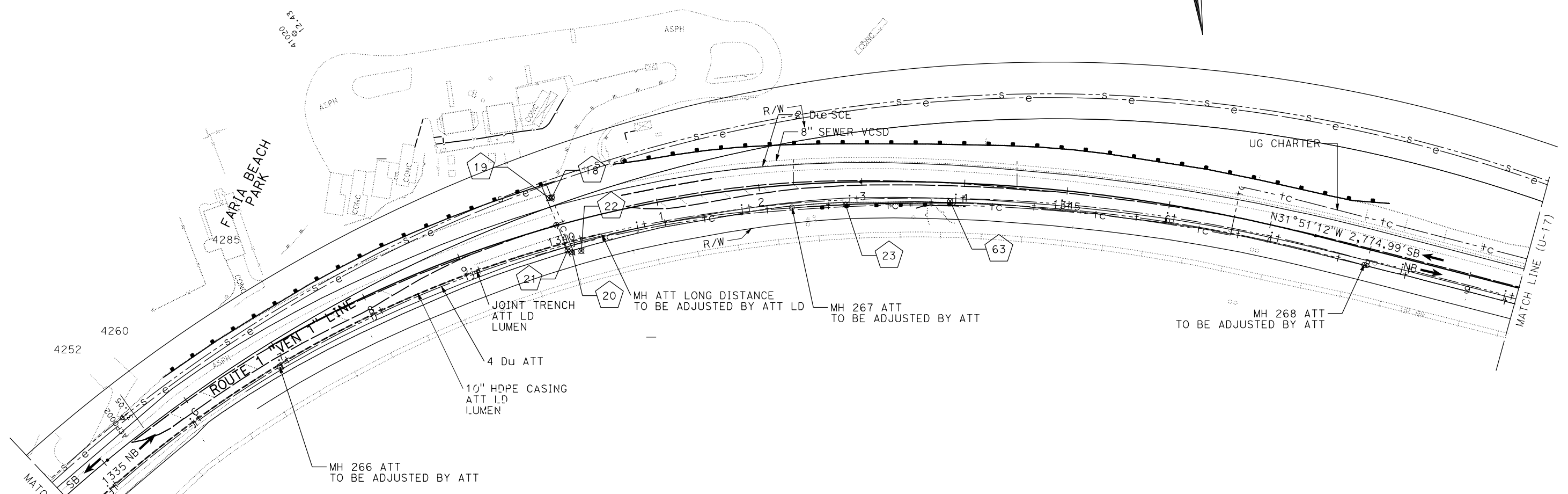
PLANS APPROVAL DATE \_\_\_\_\_

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REGISTERED PROFESSIONAL ENGINEER  
**RICKY LEE**  
No. C74591  
Exp. 12-31-23  
CIVIL  
STATE OF CALIFORNIA

**NOTES:**

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**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
18	27.5' L+ "VEN 1" 1340+02.5	1941322.40	6141932.26	6.00	29.99	TEST HOLE CONCRETE
19	27.6' L+ "VEN 1" 1339+99.9	1941321.07	6141934.56	5.67	29.93	TEST HOLE CONCRETE
20	28.9' R+ "VEN 1" 1340+07.6	1941374.39	6141954.70	3.00	26.11	TEST HOLE NL ROCK
21	26.1' R+ "VEN 1" 1340+03.7	1941370.16	6141956.68	4.63	26.47	TEST HOLE CONC ENCASE
22	30.1' R+ "VEN 1" 1340+16.8	1941379.77	6141947.40	1.75	26.12	TEST HOLE NL ROCK
23	21.7' R+ "VEN 1" 1342+83.6	1941524.49	6141730.78	3.00	25.02	TEST HOLE NL ROCK
63	17.6' R+ "VEN 1" 1343+86.7	1941592.31	6141655.08	4.75	25.35	TEST HOLE NL ROCK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR  
ANTHONY NG

CALCULATED-DESIGNED BY  
CHECKED BY

LOI M LAM  
RICKY LEE

REVISED BY  
DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	70	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

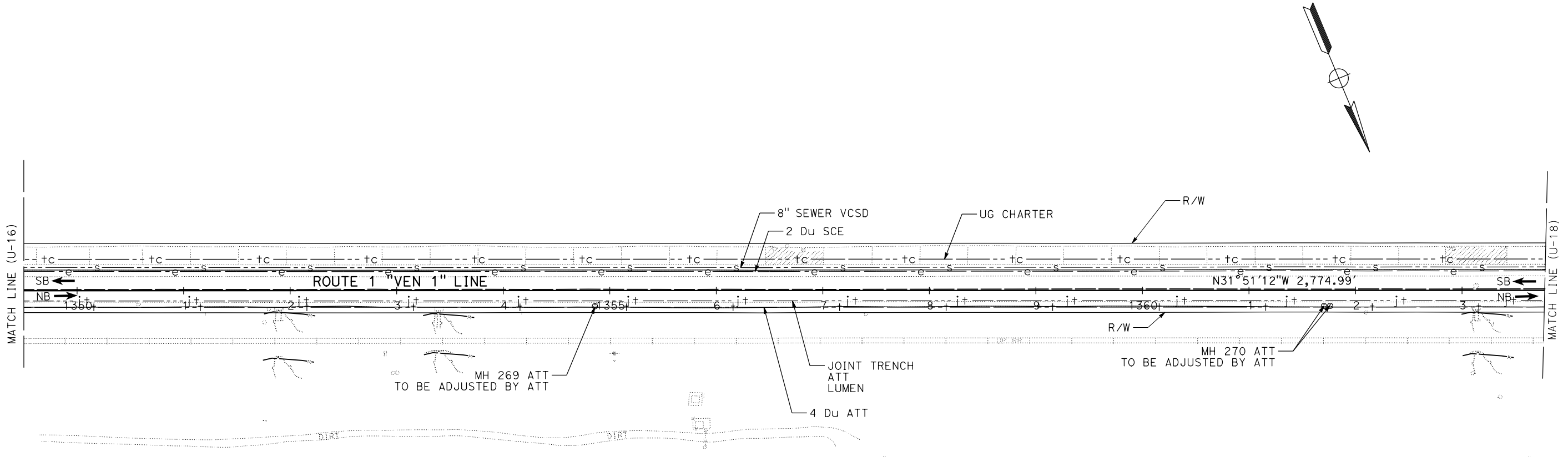
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	LOI M LAM	REVISED BY
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	CHECKED BY	RICKY LEE	DATE REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-17**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

LAST REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	71	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

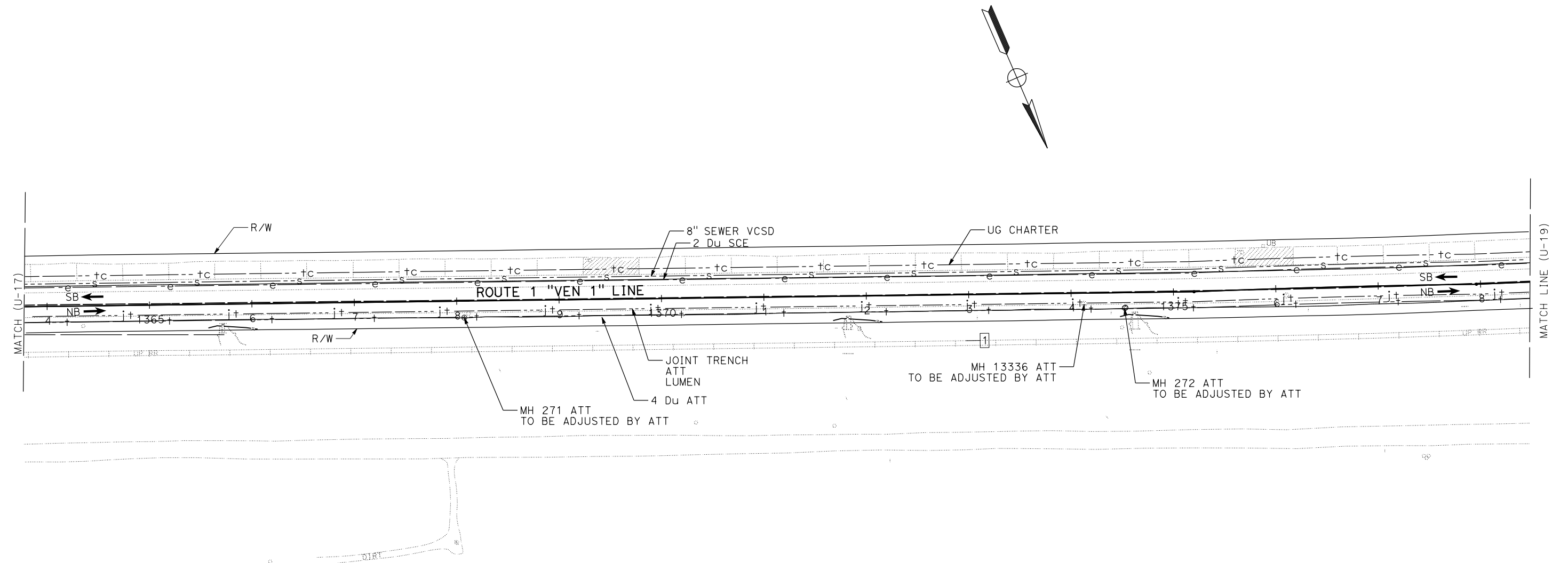
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	LOI M LAM	REVISED BY
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	CHECKED BY	RICKY LEE	DATE REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-18**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	72	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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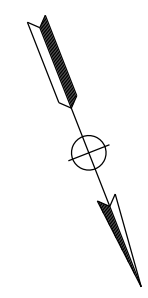
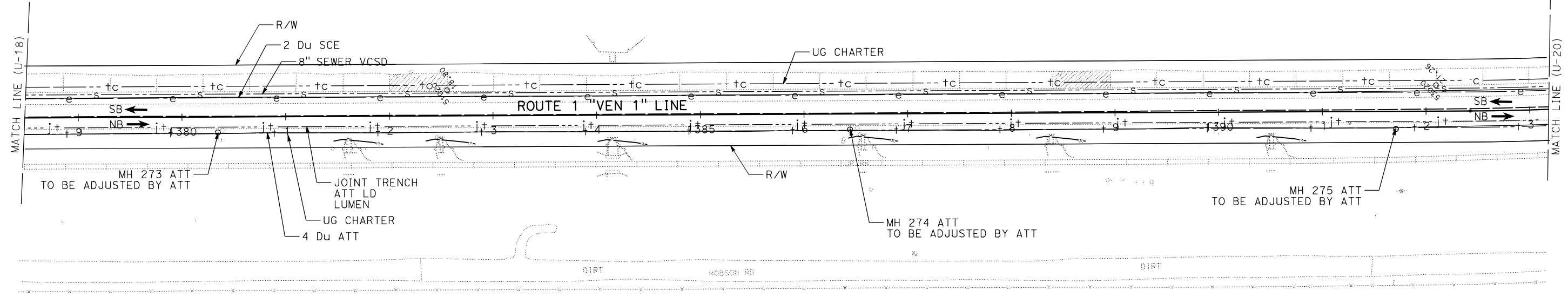
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR  
ANTHONY NG

CALCULATED-DESIGNED BY  
CHECKED BY

LOI M LAM  
RICKY LEE

REVISED BY  
DATE REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-19**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	73	

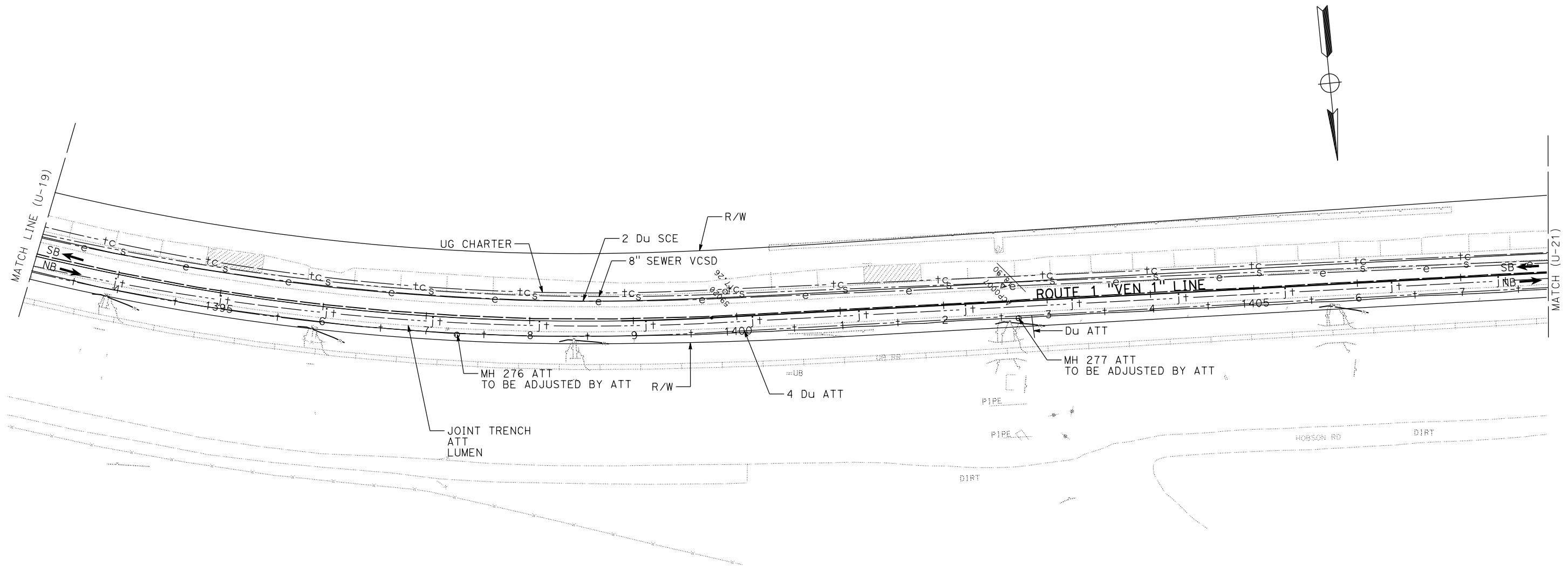
*Ricky Lee*  
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	LOI M LAM	REVISED BY	
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	CHECKED BY	RICKY LEE	DATE	REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-20**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	74	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

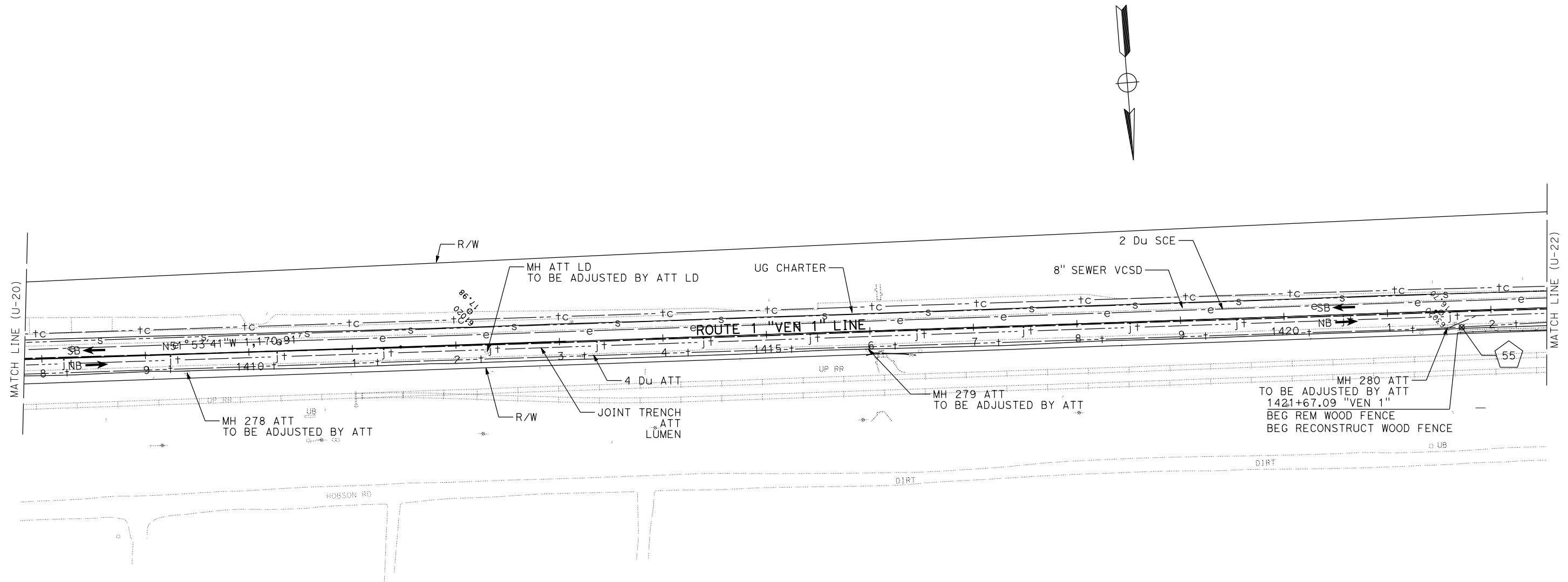
PLANS APPROVAL DATE \_\_\_\_\_

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:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- UTILITY INFORMATION SHOWN IS INCOMPLETE. ALL EXISTING HIGH PRIORITY UTILITIES HAVE NOT BEEN POSITIVELY LOCATED.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
 FUNCTIONAL SUPERVISOR ANTHONY NG  
 CALCULATED-DESIGNED BY CHECKED BY  
 LOI M LAM RICKY LEE  
 REVISED BY DATE REVISED



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
55	16.2' Rt "VEN 1" 1421+77.3	1947561.55	6136798.16	6.17	17.02	TEST HOLE

**UTILITY PLAN**  
 SCALE: 1" = 50'  
**U-21**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	75	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.

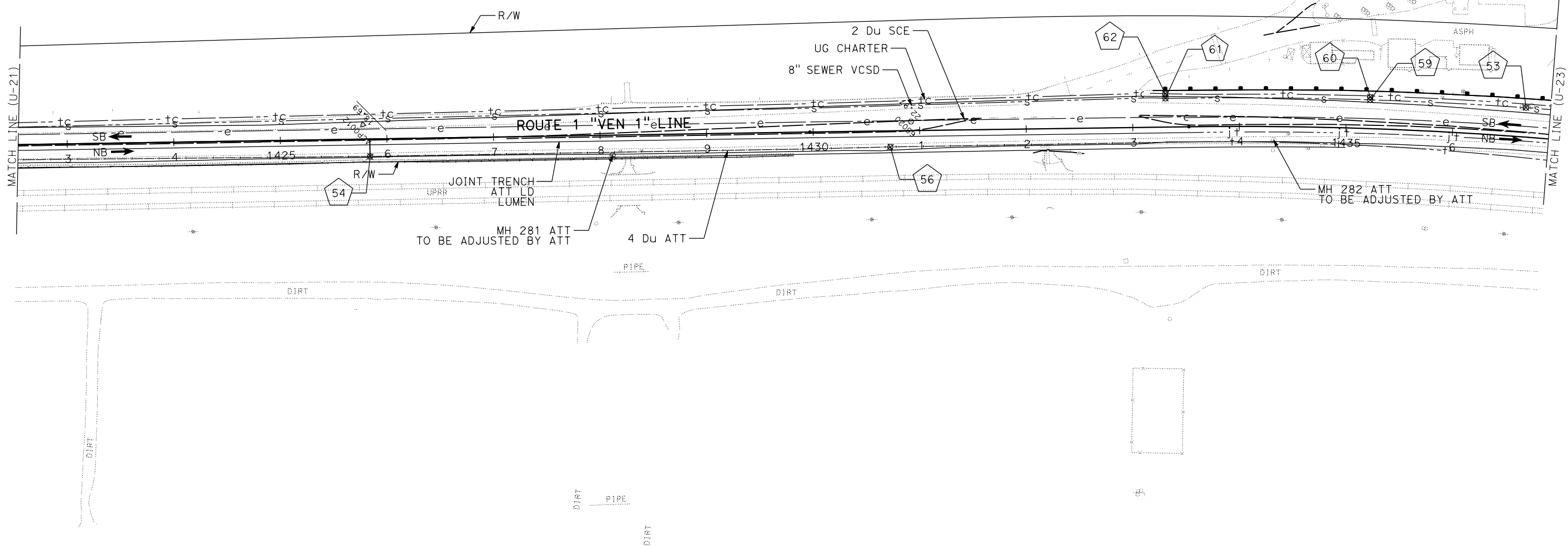
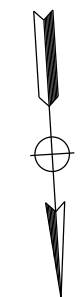
**RICKY LEE**  
No. C74591  
Exp. 12-31-23  
CIVIL  
STATE OF CALIFORNIA

**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
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**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
53	27.6' L+ "VEN 1" 1436+67.1	1947816.34	6136473.40	6.67	18.46	TEST HOLE NL
54	16.3' R+ "VEN 1" 1425+84.0	1947816.34	6136473.40	3.33	18.46	TEST HOLE
56	15.1' R+ "VEN 1" 1430+72.3	1947816.34	6136473.40	3.75	22.49	TEST HOLE
59	26.6' L+ "VEN 1" 1435+21.8	1947816.34	6136473.40	6.00	26.88	TEST HOLE NL
60	29.5' L+ "VEN 1" 1435+21.8	1948363.87	6135709.17	2.42	26.97	TEST HOLE
61	27.0' L+ "VEN 1" 1435+30.9	1948243.76	6135859.22	4.75	26.61	TEST HOLE
62	31.3' L+ "VEN 1" 1435+30.9	1948240.33	6135856.68	2.58	26.51	TEST HOLE



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
 FUNCTIONAL SUPERVISOR ANTHONY NG  
 CALCULATED/DESIGNED BY CHECKED BY  
 LOI M LAM RICKY LEE  
 REVISED BY DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	76	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

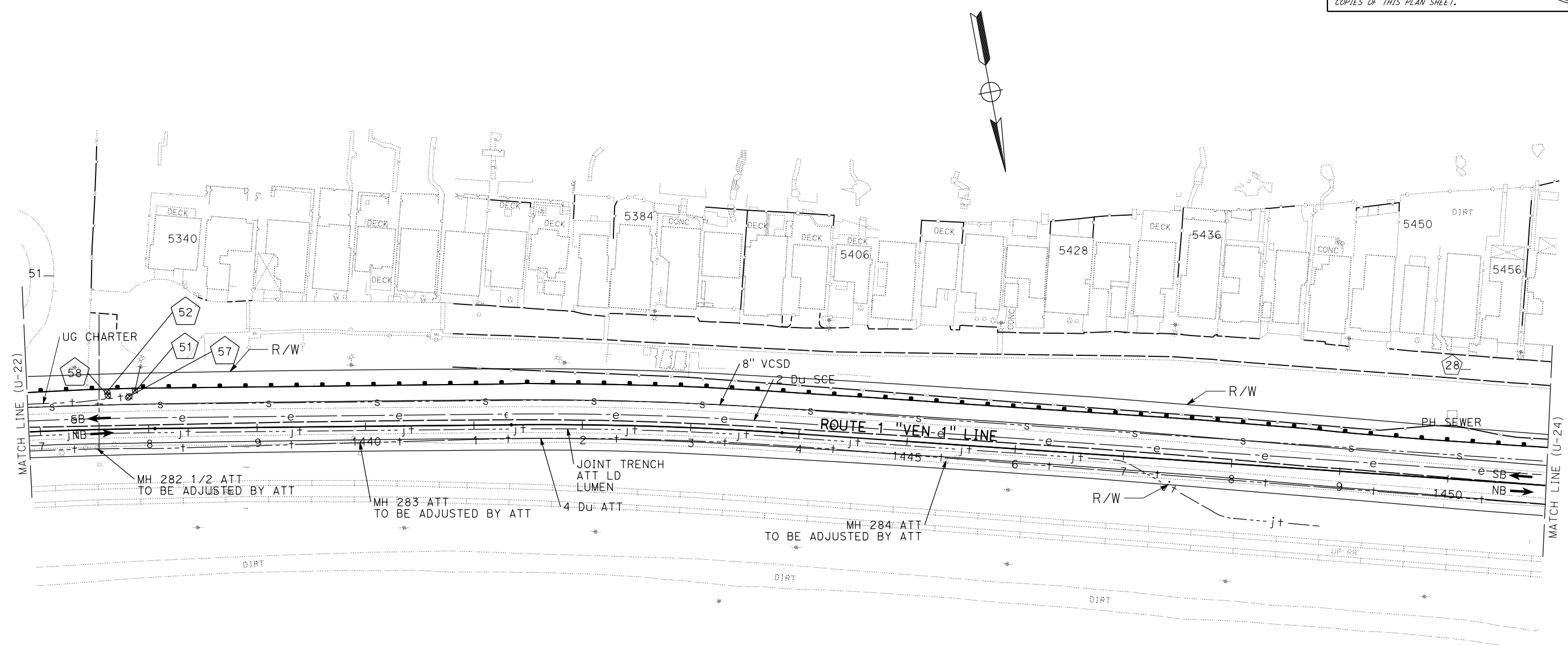
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
**RICKY LEE**  
 No. C74591  
 Exp. 12-31-23  
 CIVIL  
 STATE OF CALIFORNIA

**NOTES:**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
 FUNCTIONAL SUPERVISOR ANTHONY NG  
 CALCULATED/DESIGNED BY CHECKED BY  
 LOI M LAM RICKY LEE  
 REVISED BY DATE REVISED



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
51	35.3' L+ "VEN1" 1437+87.9	1948543.06	6135509.27	2.25	24.82	TEST HOLE
52	34.6' L+ "VEN1" 1437+62.5	1948525.33	6135527.76	5.67	24.90	TEST HOLE NL
57	30.0' L+ "VEN1" 1437+82.7	1948543.04	6135516.72	2.58	24.99	TEST HOLE
58	31.0' L+ "VEN1" 1437+63.1	1948528.41	6135529.96	6.00	25.03	TEST HOLE NL

**UTILITY PLAN**  
 SCALE: 1" = 50'  
**U-23**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	77	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

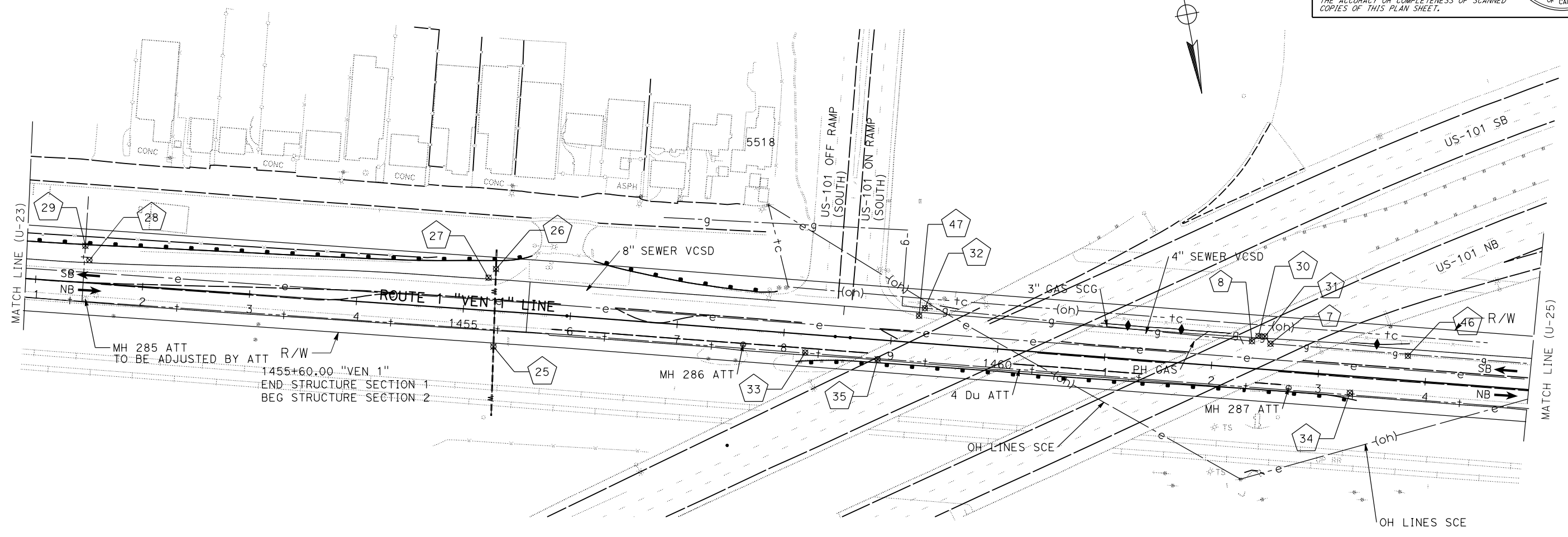
PLANS APPROVAL DATE \_\_\_\_\_

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  
**RICKY LEE**  
 No. C74591  
 Exp. 12-31-23  
 CIVIL  
 STATE OF CALIFORNIA

**NOTES:**

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**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
7	24.3' L+ "VEN 1" 1462+53.3	1950421.49	6133909.49	3.33	14.95	TEST HOLE
8	25.4' L+ "VEN 1" 1462+35.9	1950407.35	6133919.74	3.08	14.98	TEST HOLE
25	33.3' R+ "VEN 1" 1455+30.4	1949900.70	6134413.88	6.42	19.36	TEST HOLE
26	39.1' L+ "VEN 1" 1455+27.8	1949852.24	6134360.00	6.67	19.10	TEST HOLE
27	30.5' L+ "VEN 1" 1455+21.4	1949852.85	6134370.69	7.00	19.35	TEST HOLE NL
28	21.3' L+ "VEN 1" 1455+68.8	1949572.94	6134616.87	7.00	20.69	TEST HOLE NL
29	34.3' L+ "VEN 1" 1455+64.1	1949561.01	6134609.85	2.50	20.07	TEST HOLE
30	30.6' L+ "VEN 1" 1462+41.7	1950408.52	6133912.04	0.75	13.97	TEST HOLE
31	30.7' L+ "VEN 1" 1462+47.7	1950413.06	6133908.15	0.75	13.95	TEST HOLE
32	32.8' L+ "VEN 1" 1462+29.3	1950421.49	6133909.49	3.33	15.36	TEST HOLE
33	17.1' R+ "VEN 1" 1458+21.1	1950114.24	6134216.30	4.75	16.24	TEST HOLE NL ROCK
34	15.6' RT+ "VEN 1" 1463+30.6	1950506.59	6133891.22	5.00	14.90	TEST HOLE
35	15.6' R+ "VEN 1" 1458+89.1	1950167.20	6134173.88	5.08	15.86	TEST HOLE NL ROCK
46	22.9' L+ "VEN 1" 1463+82.0	1950521.75	6133828.77	6.00	15.19	TEST HOLE NL
47	25.2' L+ "VEN 1" 1459+24.4	1950167.07	6134117.91	6.00	15.84	TEST HOLE NL

**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-24**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
 FUNCTIONAL SUPERVISOR ANTHONY NG  
 CALCULATED/DESIGNED BY CHECKED BY  
 LOI M LAM RICKY LEE  
 REVISED BY DATE REVISED

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	78	

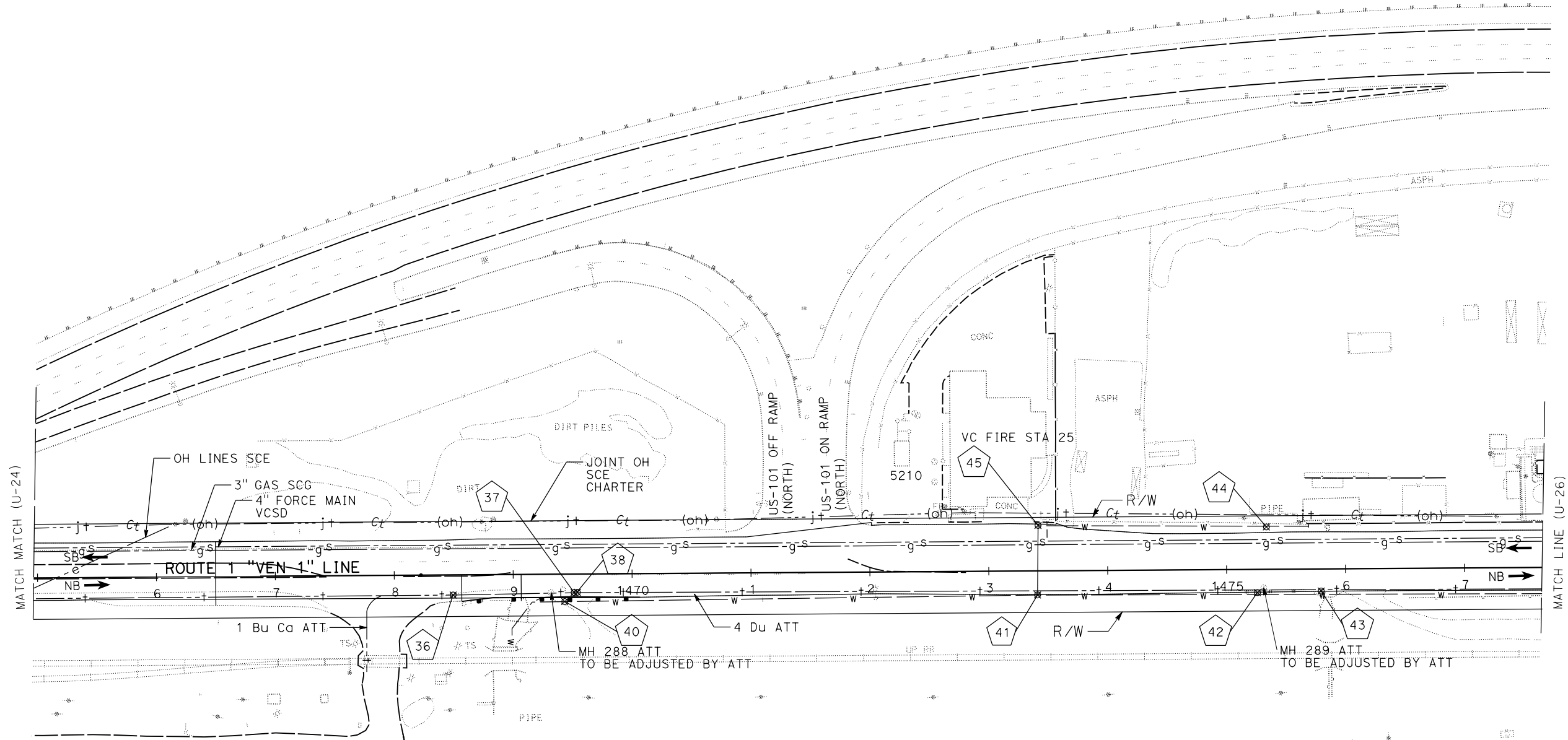
*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
PLANS APPROVAL DATE \_\_\_\_\_  
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
**RICKY LEE**  
No. C74591  
Exp. 12-31-23  
CIVIL  
STATE OF CALIFORNIA

**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
FUNCTIONAL SUPERVISOR ANTHONY NG  
CALCULATED/DESIGNED BY CHECKED BY  
LOI M LAM RICKY LEE  
REVISED BY DATE REVISED



**POSITIVE LOCATION INFORMATION**

No.	LOCATION	NORTHING	EASTING	DEPTH	ELEVATION	METHOD
36	16.9' R+ "VEN 1" 1468+49.4	1950907.79	6133562.35	6.50	20.94	TEST HOLE NL
37	15.5' R+ "VEN 1" 1469+53.9	1950985.47	6133496.62	3.00	19.45	TEST HOLE BOULDER NL
38	15.3' R+ "VEN 1" 1469+44.4	1950987.44	6133494.74	6.16	19.42	TEST HOLE NL
40	23.1' R+ "VEN 1" 1469+43.2	1950984.14	6133507.47	3.00	19.23	TEST HOLE
41	20.2' R+ "VEN 1" 1473+40.9	1951289.28	6133252.48	4.17	14.15	TEST HOLE
42	19.5' R+ "VEN 1" 1475+25.8	1951431.58	6133134.37	5.58	14.43	TEST HOLE BOULDER NL
43	18.5' R+ "VEN 1" 1475+79.4	1951472.36	6133099.52	4.50	14.53	TEST HOLE BOULDER NL
44	35.6' L+ "VEN 1" 1475+33.7	1951402.59	6133086.74	6.50	14.59	TEST HOLE BOULDER NL
45	38.2' L+ "VEN 1" 1473+41.6	1951252.70	6133206.83	3.75	14.60	TEST HOLE

**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-25**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	79	

**NOTES:**

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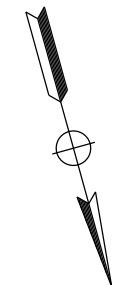
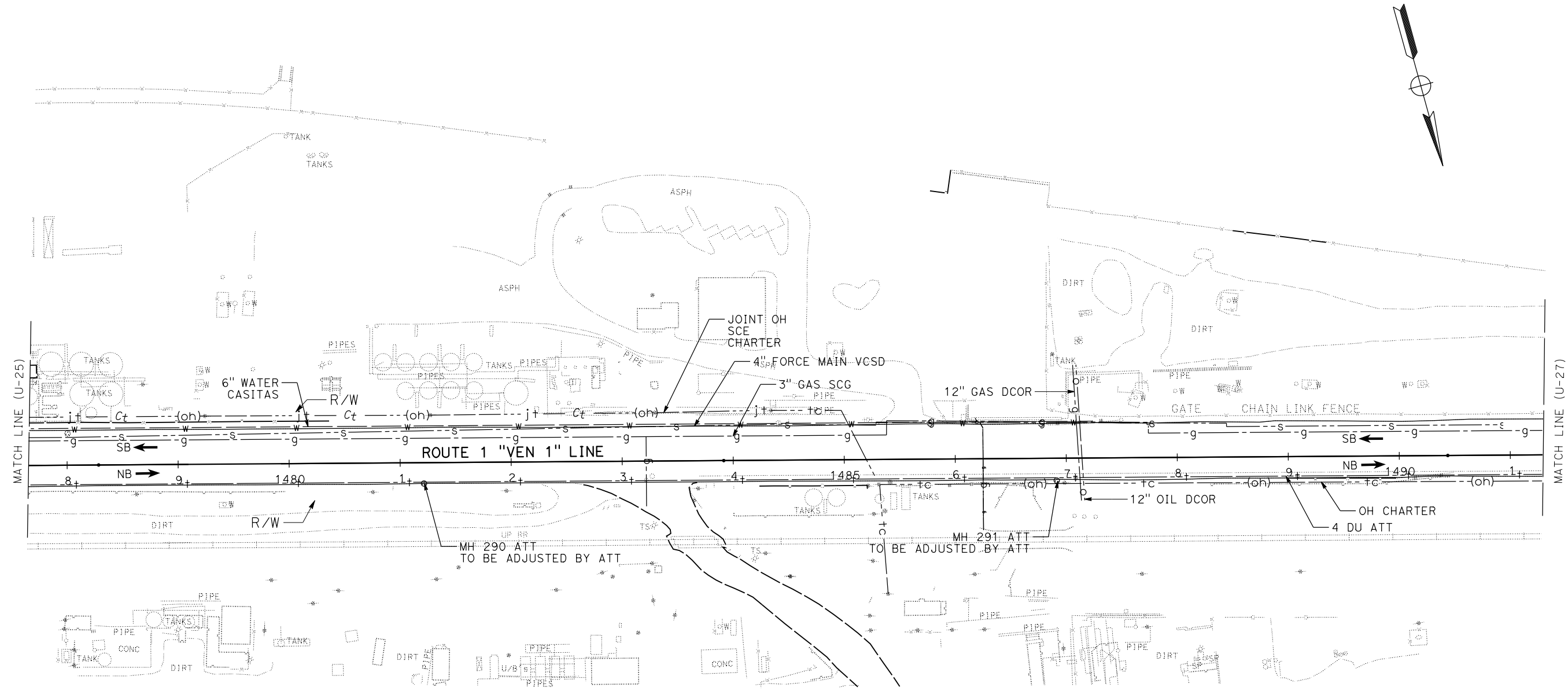
*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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**RICKY LEE**  
No. C74591  
Exp. 12-31-23  
CIVIL  
STATE OF CALIFORNIA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** UTILITY ENGINEERING  
FUNCTIONAL SUPERVISOR ANTHONY NG  
LOI M LAM RICKY LEE  
CALCULATED/DESIGNED BY CHECKED BY  
REVISED BY DATE REVISED



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-26**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2 / 28.4	80	

*Ricky Lee*  
REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

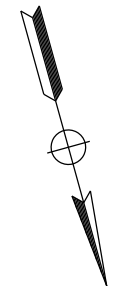
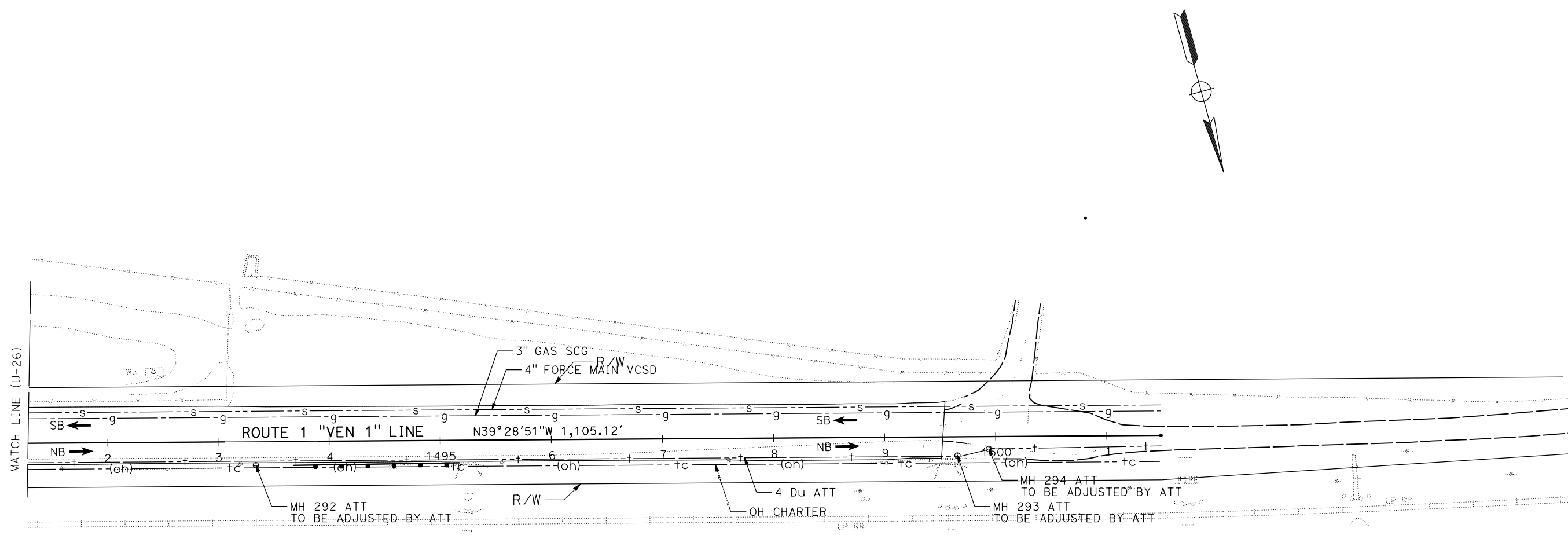
PLANS APPROVAL DATE \_\_\_\_\_

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	LOI M LAM	REVISOR
<b>Caltrans</b> UTILITY ENGINEERING	ANTHONY NG	RICKY LEE	DATE
	CHECKED BY		REVISED BY
	DESIGNED BY		DATE



**UTILITY PLAN**  
SCALE: 1" = 50'  
**U-27**

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	81	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

REGISTERED PROFESSIONAL ENGINEER  
**DANG KHOA VO**  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

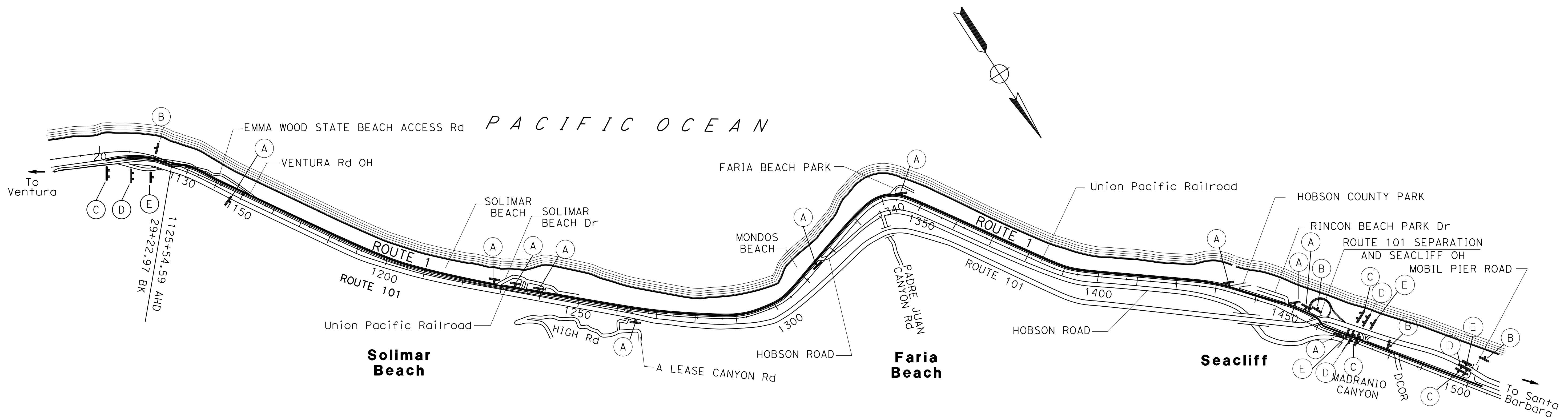
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTES:**

- EXACT LOCATION AND POSITION OF SIGNS WILL BE DETERMINED BY THE ENGINEER
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THIS PLAN.
- "TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES" SIGNS MUST BE PLACED APPROXIMATELY 500 FEET IN ADVANCE OF "ROAD WORK AHEAD" OR AS DETERMINED BY THE ENGINEER.
- ALL SIGNS MUST HAVE RETROREFLECTIVE SHEETING (TYPE X1), UNLESS OTHERWISE NOTED

**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

SIGN No. (X)	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
A	W20-1	36" x 36"	ROAD WORK AHEAD	1 - 4" x 4"	11
B	G20-2	48" x 24"	END ROAD WORK	1 - 4" x 6"	4
C	C40 (CA)	144" x 60"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	2 - 6" x 6"	4
D	G20-1	90" x 48"	ROAD WORK NEXT 3 MILES	2 - 4" x 6"	4
E	W20-1	48" x 48"	ROAD WORK AHEAD	1 - 4" x 6"	4



APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS**  
 NO SCALE  
**CS-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN C

FUNCTIONAL SUPERVISOR  
 TELEGNE, YESSUF M

REVISOR  
 DANG KHOA VO  
 VORREITER BARNEY

CHECKED BY  
 (blank)

DESIGNED BY  
 (blank)

DATE REVISOR  
 (blank)

DATE CHECKED BY  
 (blank)

DATE DESIGNED BY  
 (blank)



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	82	164

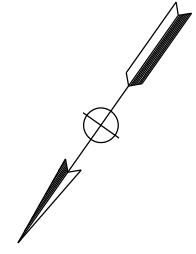
  

<i>Alfredo Cabrera</i> 2-1-22	
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

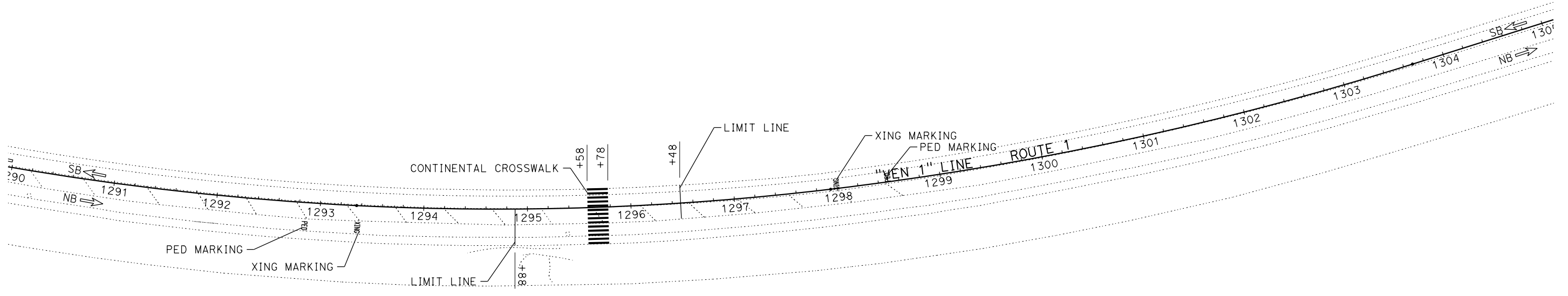
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---



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

x	x	x	x	x	x	x	x	x	x	x
REVISOR	REVISION	DATE	BY	REASON	BY	DATE	BY	REASON	BY	DATE



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010

USERNAME => AC059069  
 DGN FILE => 0732390na001.dgn

RELATIVE BORDER SCALE 1" = 50'

UNIT 2998

PROJECT NUMBER & PHASE

0716000072

# PAVEMENT DELINEATION PLAN

SCALE: 1" = 50'

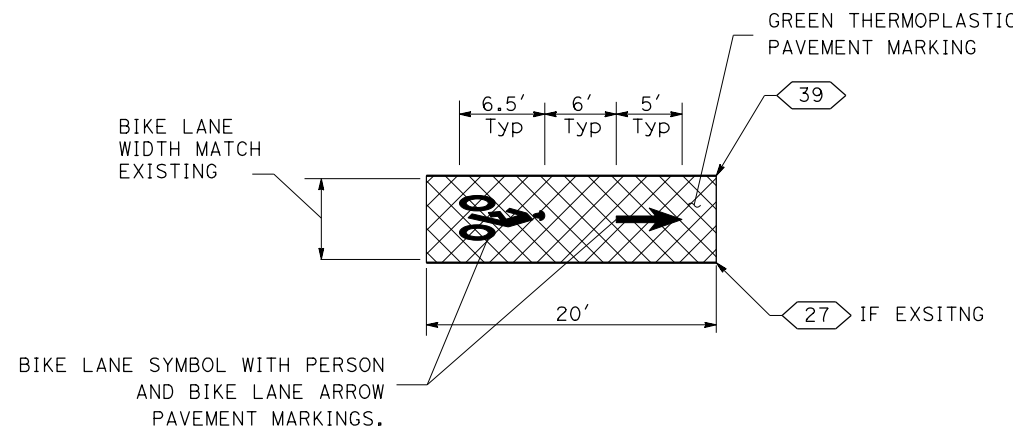
## PD-1

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

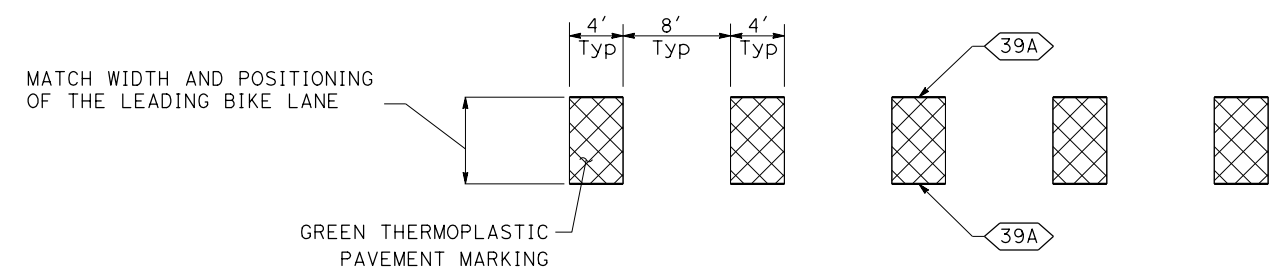
LAST REVISION | DATE PLOTTED => 31-JAN-2022  
 00-00-00 | TIME PLOTTED => 11:47

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	83	164
<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE					
XX-XX-XX			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>					
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612			CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012		

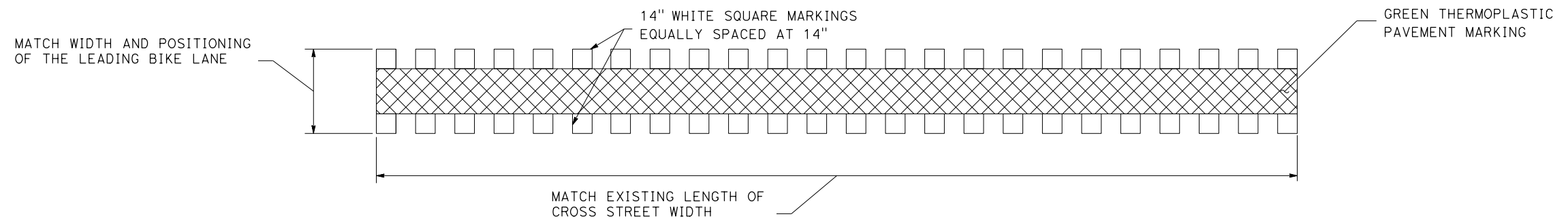
**LEGEND:**  
 GREEN PAVEMENT MARKING



**DETAIL A**  
**BIKE LANE SYMBOL WITH PERSON AND BIKE LANE ARROW MARKINGS**



**DETAIL B**  
**DASHED MARKING THROUGH CONFLICT ZONES**



**DETAIL C**  
**ELEPHANT'S FEET MARKINGS THROUGH INTERSECTION**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

REVISOR	DATE	REVISION
SPENCER CHANG	ALFREDO CABRERA VENTURA	

CHECKED BY: ALFREDO CABRERA VENTURA  
 DESIGNED BY: ALFREDO CABRERA VENTURA

CONSULTANT SUPERVISOR: ALFREDO CABRERA VENTURA

DATE PLOTTED => 31-JAN-2022  
 TIME PLOTTED => 11:48

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	84	164

*Alfredo Cabrera* 2-1-22  
REGISTERED CIVIL ENGINEER DATE

XX-XX-XX  
PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
No. C84839  
Exp. 3-31-24  
CIVIL  
STATE OF CALIFORNIA

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.

JACOBS  
2600 MICHELSON DRIVE  
SUITE 500  
IRVINE, CA 92612

CALTRANS DISTRICT 7  
100 S. MAIN STREET  
SUITE 100  
LOS ANGELES, CA 90012

### PAVEMENT DELINEATION QUANTITIES

SHEET No.	THERMOPLASTIC TRAFFIC STRIPE								THERMOPLASTIC PAVEMENT MARKING														DELINEATOR (CLASS 1)		PAVEMENT MARKER (RETROREFLECTIVE)	
	6" SOLID					6" BROKEN 18-12	6" BROKEN 8-4	8" SOLID	BIKE LANE SYMBOL WITH PERSON	BIKE LANE ARROW	BIKE LANE MARKING (GREEN)	CONTINENTAL	LIMIT LINE	NO PARKING	PARKING STALLS	PED	XING	TYPE IV (L) ARROW	TYPE IV (R) ARROW	WHITE CHEVRON	YELLOW CHEVRON	TYPE F	TYPE G	TYPE D	TYPE C	
	DETAIL 22	DETAIL 27B	DETAIL 29	DETAIL 32	DETAIL 39	DETAIL 6	DETAIL 39A	DETAIL 38																		SQFT
	LF	LF	LF	LF	LF	LF	LF	LF	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	EA	EA	EA	EA	
L-1	1,306	1,198			599			7	4	24														56		
L-2	2,779	2,780			493			49	25	1,470											160			117		
L-3	581	3,896	1,189	394	1,243	195	92	28	14	480				6						52	71			98		
L-4		4,330			1,443	1,444		35	18	600				14										32		
L-5		4,349			1,449	1,450		42	21	720				14										32		
L-6		4,417			1,472	1,473		56	28	960				10										32		
L-7	1,021	4,384	2,139	196	1,461	349		35	18	600				12						52	89			152		
L-8	312	2,740	2,899	1,294	1,387		110	7	4	900								30						181	8	
L-9	1,043	2,943	1,619		1,472			35	18	600														114		
L-10		2,940	5,130	469	1,470			35	18	1,440				6						43	221			232		
L-11	589	2,867	3,115		1,474			28	14	480										95				157	8	
L-12		2,960	201	3,575	2,566			35	18	600								60						131		
L-13		2,935	2,966	1,821	2,935			35	18	600	560	69			36	42		30				80		187		
L-14		2,778		2,929	2,778			35	18	1,800								60		75				124		
L-15	540	2,795	3,232	818	2,068		90	28	14	1,140								45	15					189	16	
L-16	880	2,970	3,192		1,343		90	35	30	1,260				4	17			30		95	113			172	5	
L-17	2,895	4,344			1,450			42	36	720				240	238					205				122		
L-18	2,941	4,411			1,471			28	24	480				180	281					80				124		
L-19	2,458	4,410			1,470			42	36	720				195	238					159				104		
L-20	2,923	2,930			1,462			28	24	480				135	204					159				123		
L-21	1,471	3,967			1,471			35	30	600				135	17					63				63		
L-22	1,084	2,774	2,458		1,338			14	12	1,080														151	5	
L-23	2,801	2,801			2,801																			118		
L-24	605	2,638	3,928		1,136			21	18	2,400								30						192	12	
L-25	331	2,366	1,136	1,369				42	36	2,160								30						111	9	
L-26		2,617		3,410				21	18	1,320														115		
L-27		1,649	1,094	1,349				14	12	240														93		
SUBTOTAL	26,560	86,189	34,298	17,624	38,252	4,911	382	1,260	812	526	23,874	560	69	951	995	36	42	315	15	983	1,105	160	80	3,322	63	
GRAND TOTAL	209,476								30,283														240		3,385	

### PAVEMENT DELINEATION QUANTITIES

PDQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*

USERNAME => AC059069  
DGN FILE => 0732390nc001.dgn

RELATIVE BORDER SCALE IS IN INCHES  
0 1 2 3

UNIT 2998

PROJECT NUMBER & PHASE

0716000072

LAST REVISION DATE PLOTTED => 31-JAN-2022  
00-00-00 TIME PLOTTED => 11:48



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	86	164

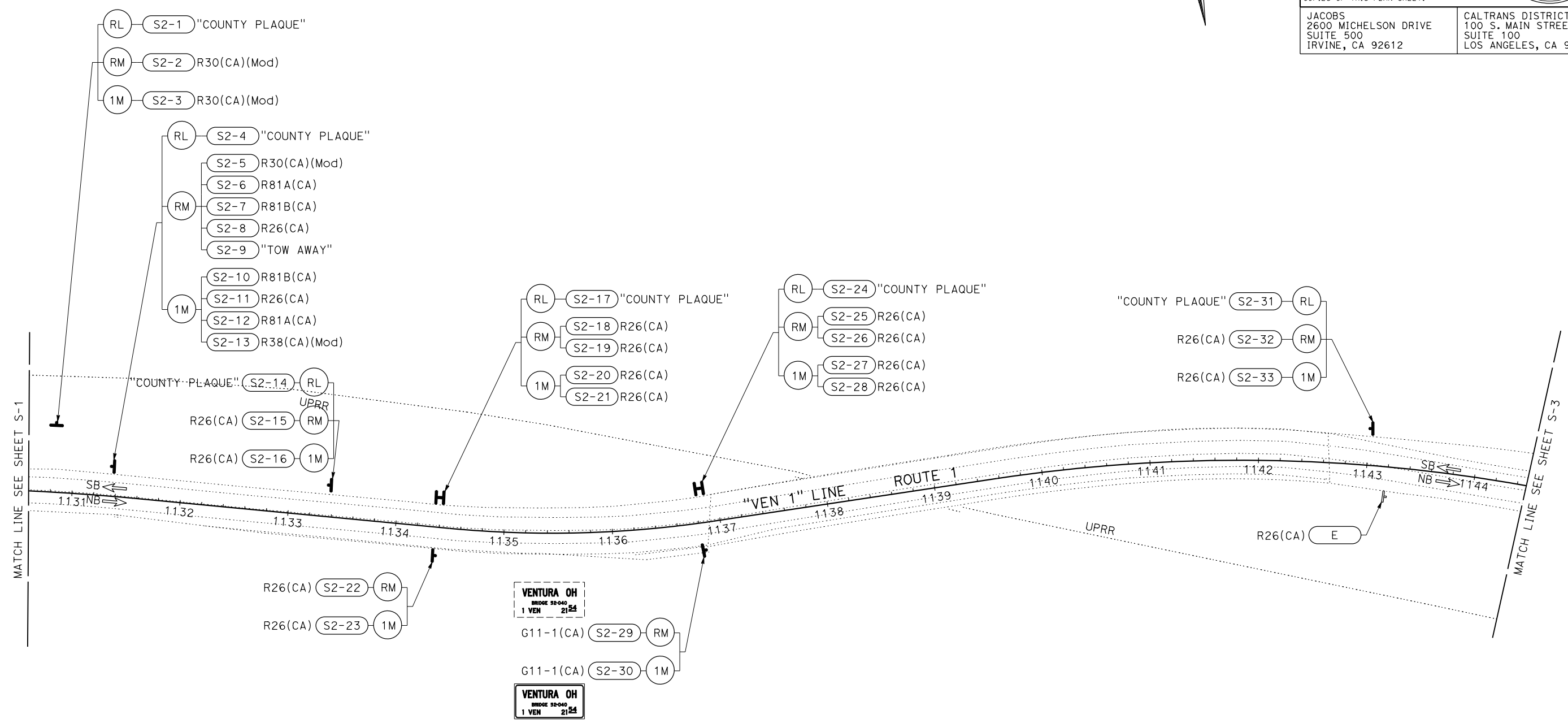
Alfredo Cabrera	2-1-22
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Alfredo Cabrera Ventura	Alfredo Cabrera Ventura	Sona Sehat	Sona Sehat
Checked by	Checked by	Date	Date
Alfredo Cabrera Ventura	Alfredo Cabrera Ventura		

APPROVED FOR SIGN WORK ONLY

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-2**

LAST REVISION    DATE PLOTTED => 31-JAN-2022  
 00-00-00    TIME PLOTTED => 11:48

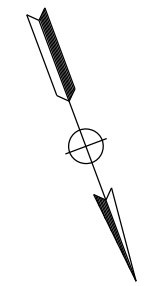
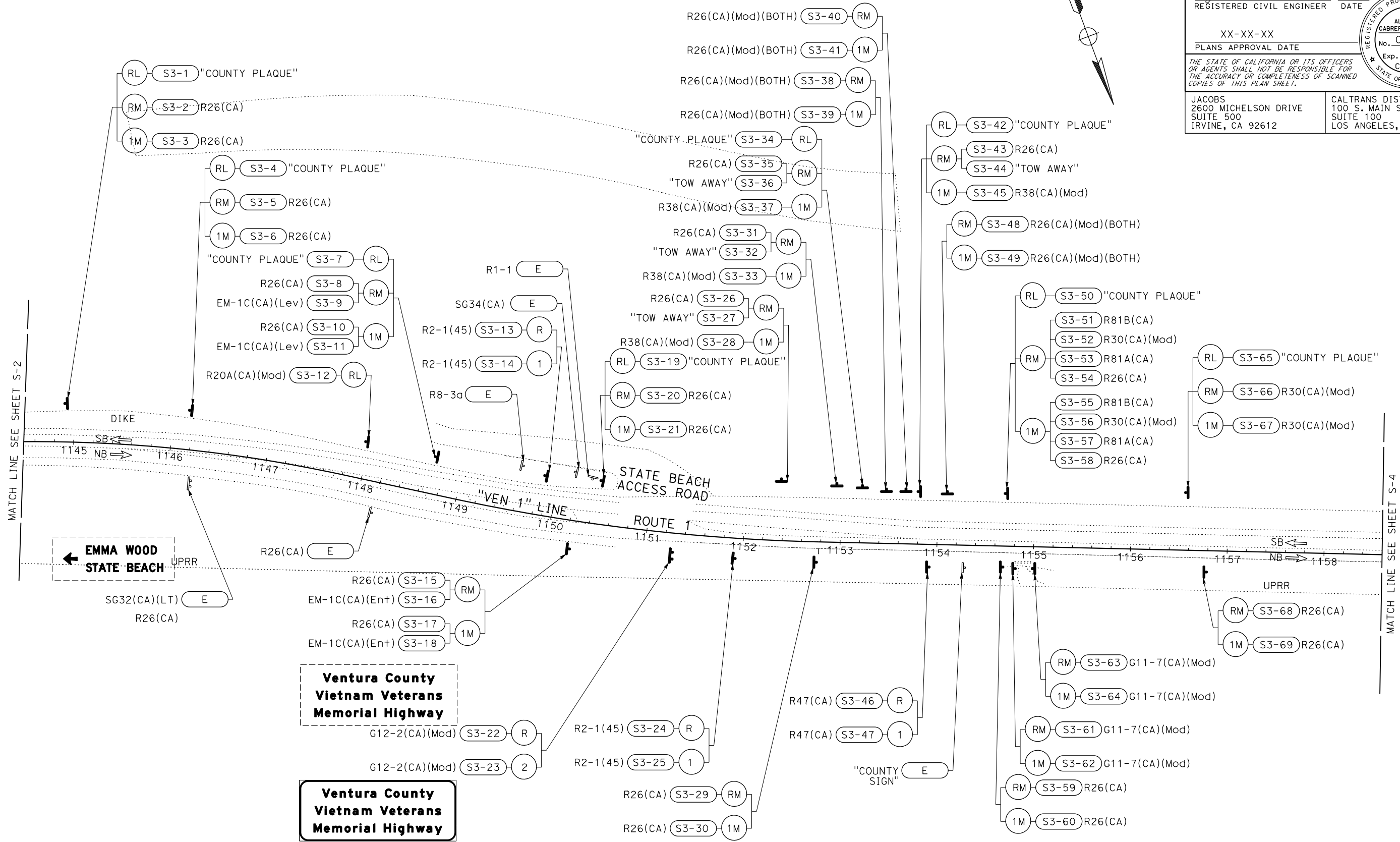
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	87	164

<i>Alfredo Cabrera</i> 2-1-22 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.	
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

**NOTE:**

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	SONA SEHAT
	CHECKED BY	DATE REVISED
	ALFREDO CABRERA VENTURA	
	DESIGNED BY	
	ALFREDO CABRERA VENTURA	

**SIGN PLAN**  
SCALE: 1" = 50'

**S-3**

APPROVED FOR SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 11:48

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	88	164

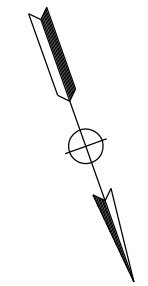
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

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.

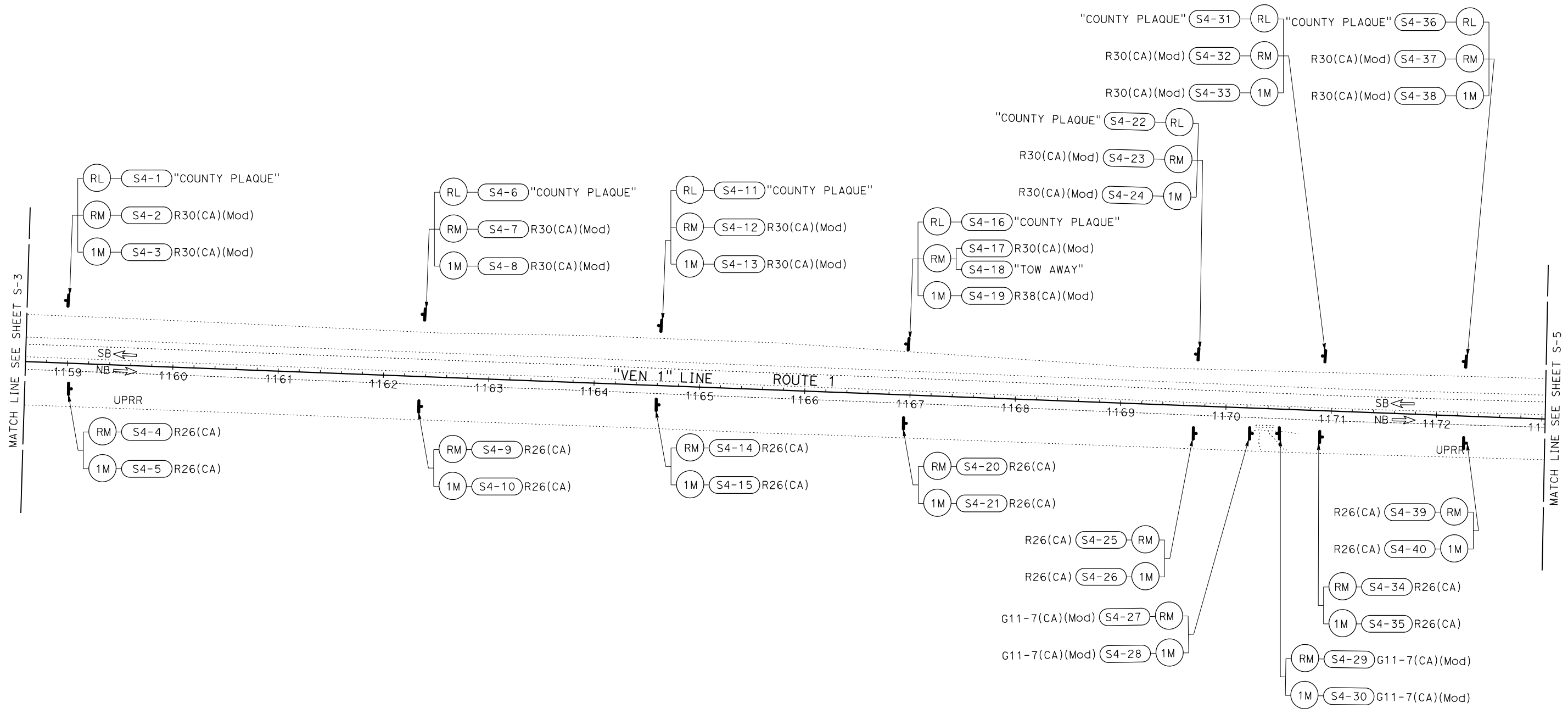
JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	DATE
	ALFREDO CABRERA VENTURA		



**SIGN PLAN**  
 SCALE: 1" = 50'

**S-4**

APPROVED FOR SIGN WORK ONLY

LAST REVISION    DATE PLOTTED => 31-JAN-2022    00-00-00    TIME PLOTTED => 11:49

**NOTE:**

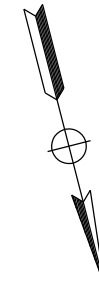
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	89	164

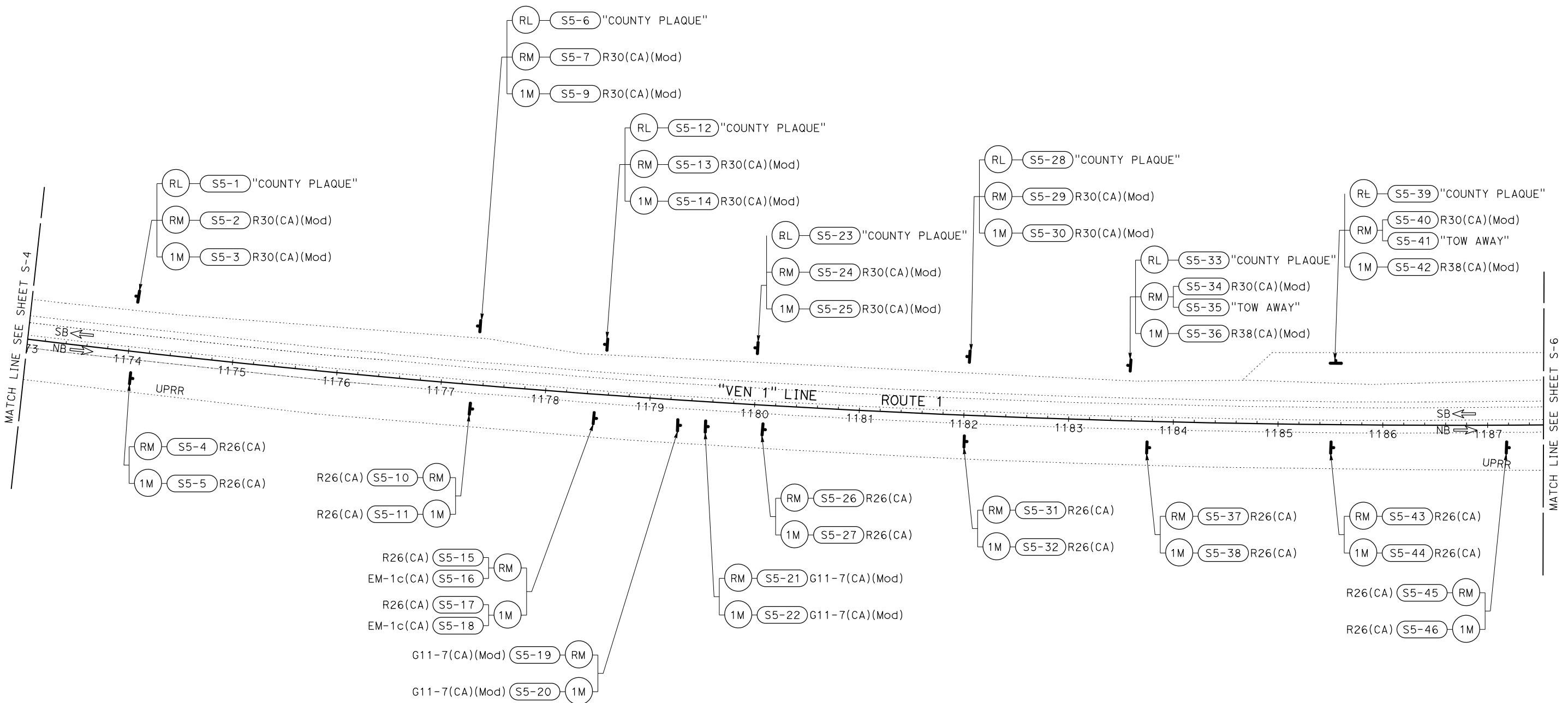
*Alfredo Cabrera* 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

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.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 CALCULATED/DESIGNED BY: ALFREDO CABRERA VENTURA  
 CHECKED BY: SONA SEHAT  
 REVISOR: ALFREDO CABRERA VENTURA  
 DATE: 2-1-22



**SIGN PLAN**  
SCALE: 1" = 50'

**S-5**

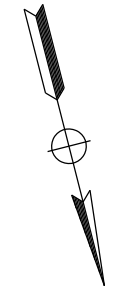
APPROVED FOR SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 11:49

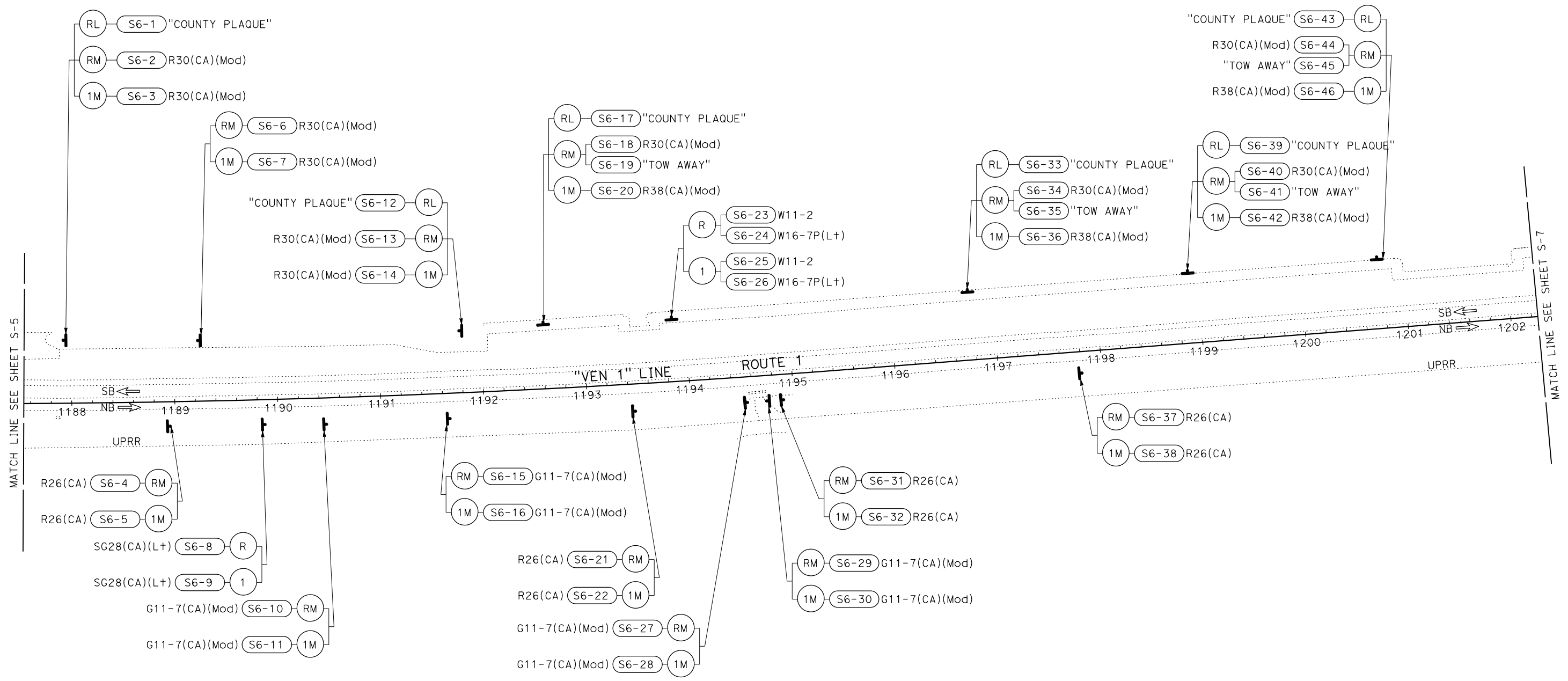


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	90	164
Alfredo Cabrera 2-1-22 REGISTERED CIVIL ENGINEER DATE					
XX-XX-XX PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612			CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012		

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 Caltrans  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 CALCULATED/DESIGNED BY: ALFREDO CABRERA VENTURA  
 CHECKED BY:  
 REVISOR: SONA SEHAT  
 REVISIONS: ALFREDO CABRERA VENTURA  
 DATE: REVISED BY DATE



**SIGN PLAN**  
 SCALE: 1" = 50'

**S-6**

APPROVED FOR SIGN WORK ONLY

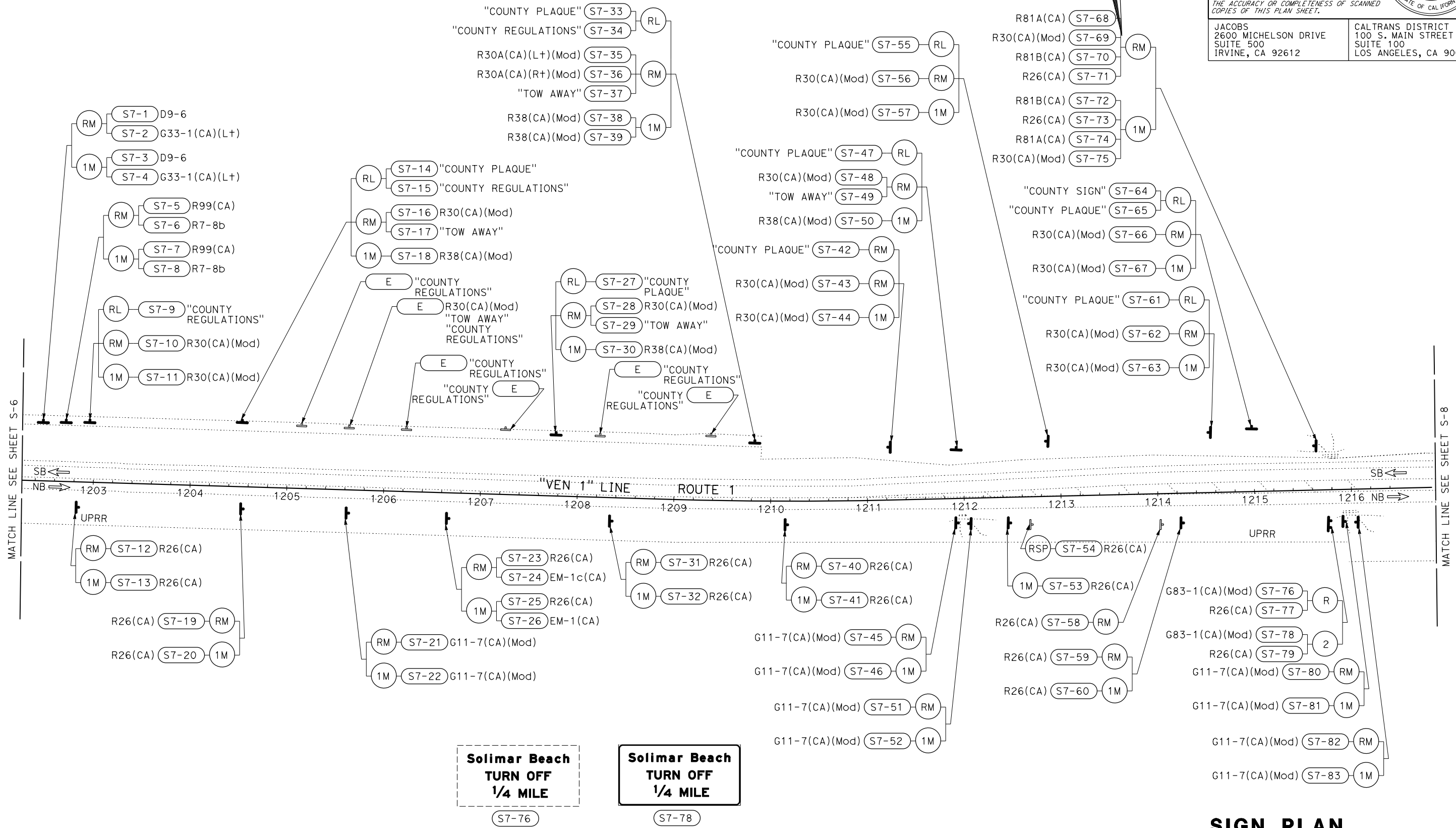
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	91	164

<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE	
XX-XX-XX 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>	
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

**NOTE:**

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



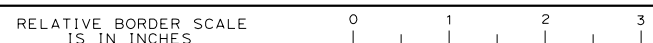
**SIGN PLAN**  
SCALE: 1" = 50'

**S-7**

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	ALFREDO CABRERA VENTURA	SONA SEHAT
	ALFREDO CABRERA VENTURA	CHECKED BY	DATE REVISED

USERNAME => AC059069  
DGN FILE => 07323900d007.dgn



UNIT 2998

PROJECT NUMBER & PHASE

0716000072

LAST REVISION DATE PLOTTED => 31-JAN-2022  
00-00-00 TIME PLOTTED => 11:49

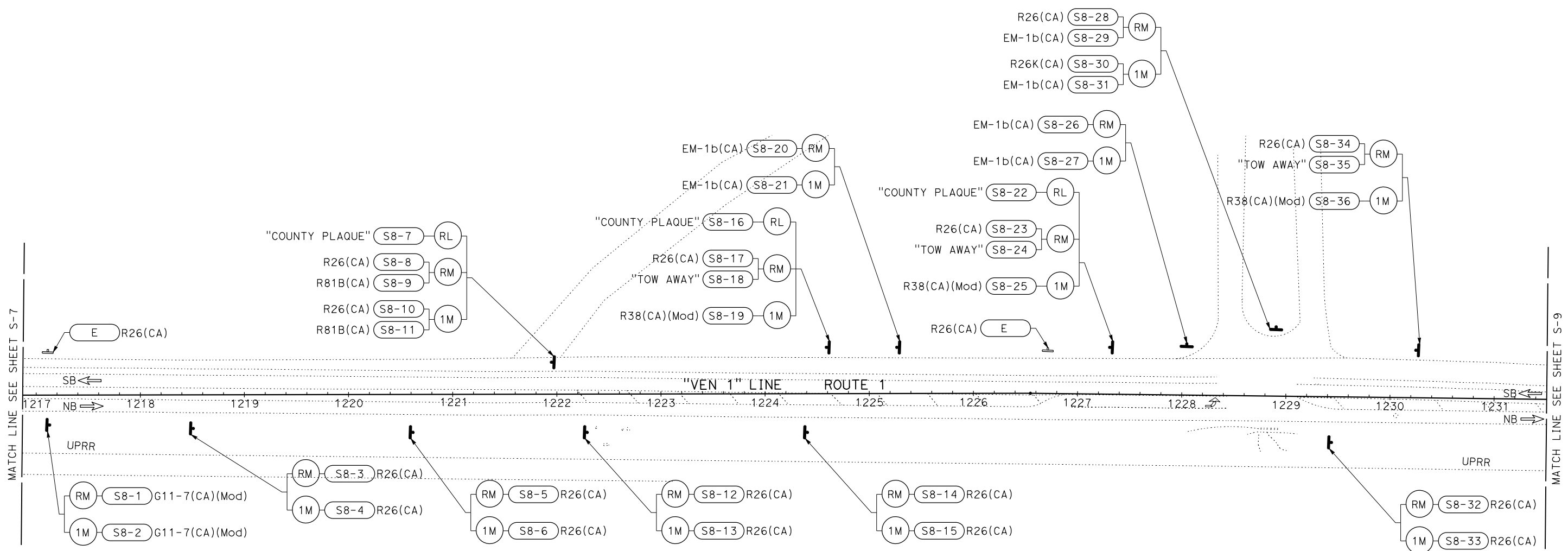
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	92	164
<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE			XX-XX-XX PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612			CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012		

**NOTE:**

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	DATE
	ALFREDO CABRERA VENTURA		
	SONA SEHAT		
	ALFREDO CABRERA VENTURA		



**SIGN PLAN**  
SCALE: 1" = 50'

**S-8**

APPROVED FOR SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 11:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	93	164

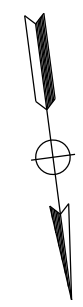
<i>Alfredo Cabrera</i> 2-1-22	
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

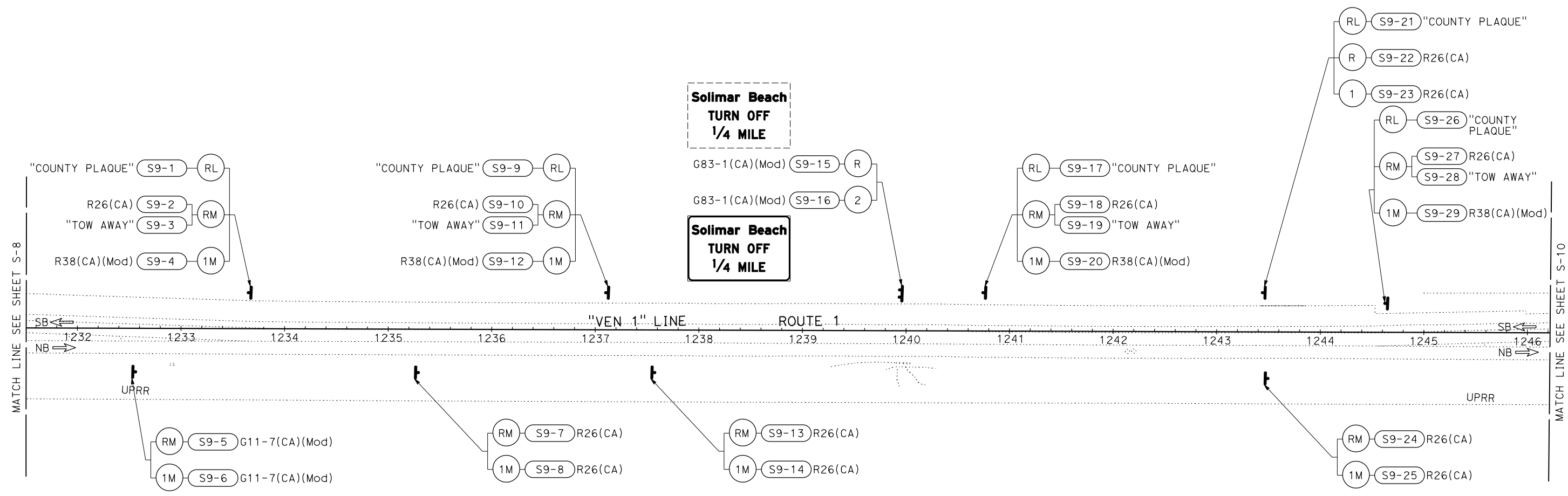
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 CALCULATED/DESIGNED BY: SONA SEHAT  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 REVISED BY: DATE  
 REVISIONS:



**SIGN PLAN**  
 SCALE: 1" = 50'

**S-9**

APPROVED FOR SIGN WORK ONLY

LAST REVISION: 00-00-00    DATE PLOTTED => 31-JAN-2022    TIME PLOTTED => 11:50

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	94	164

Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

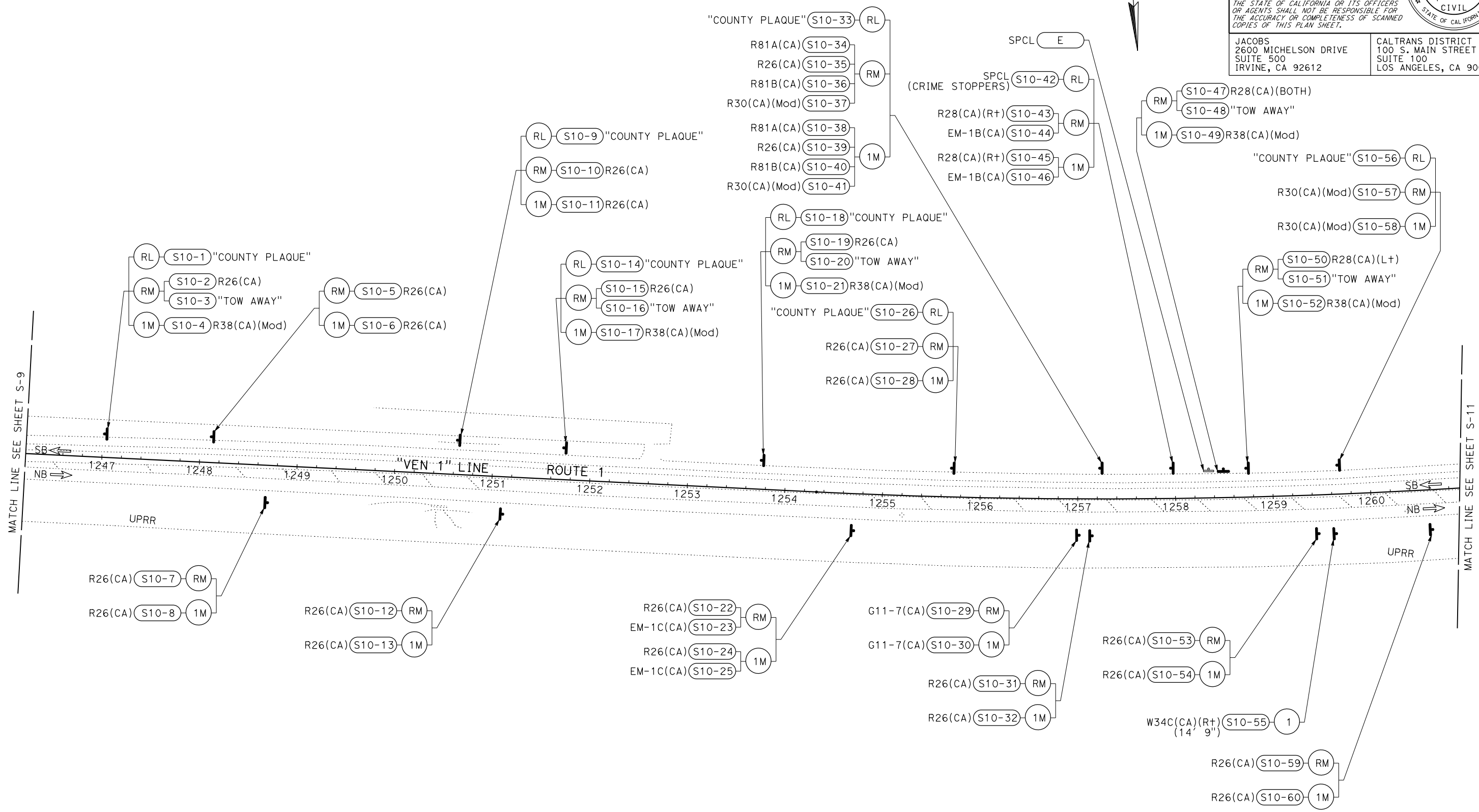
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT
			ALFREDO CABRERA VENTURA
			DATE REVISOR



**SIGN PLAN**  
 SCALE: 1" = 50'  
**S-10**

APPROVED FOR SIGN WORK ONLY

LAST REVISION 00-00-00 DATE PLOTTED => 31-JAN-2022 TIME PLOTTED => 11:50

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	95	164

Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

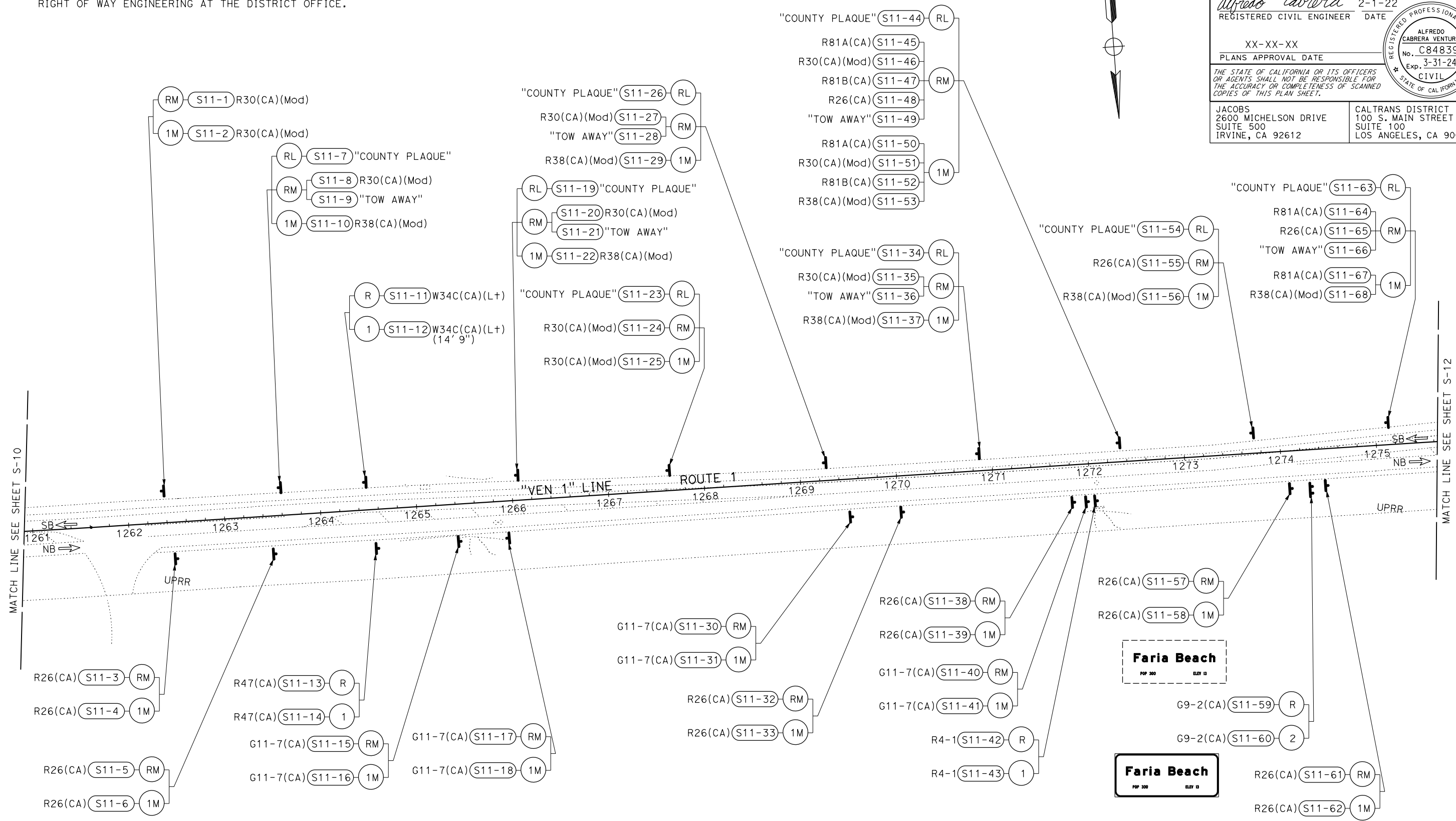
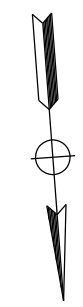
REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	SONA SEHAT
	CHECKED BY	DATE REVISED
	ALFREDO CABRERA VENTURA	
	CALCULATED-DESIGNED BY	
	ALFREDO CABRERA VENTURA	

APPROVED FOR SIGN WORK ONLY

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-11**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	96	164

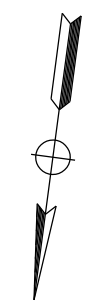
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

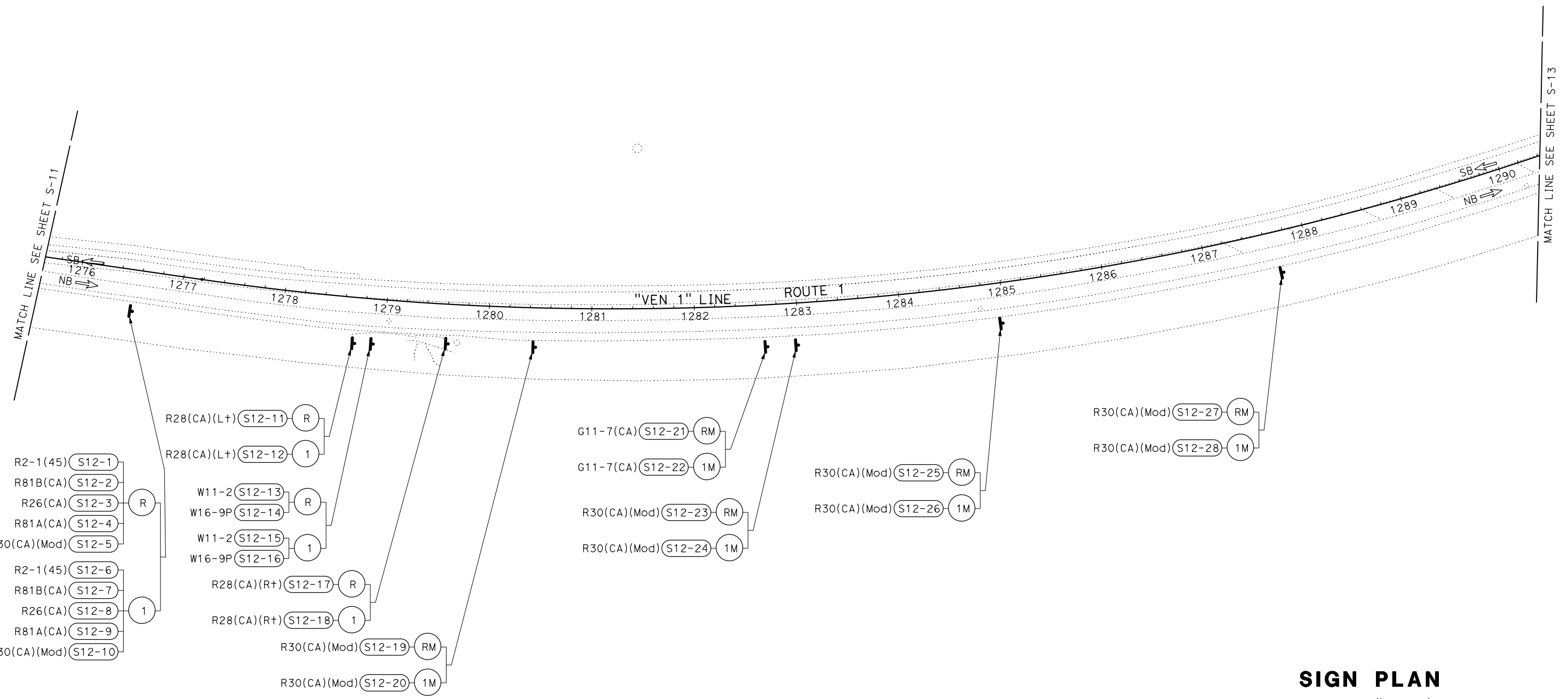
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT	DATE
			ALFREDO CABRERA VENTURA	REVISOR
				DATE



**SIGN PLAN**  
SCALE: 1" = 50'

**S-12**

APPROVED FOR SIGN WORK ONLY

LAST REVISION    DATE PLOTTED => 31-JAN-2022  
 00-00-00    TIME PLOTTED => 11:50



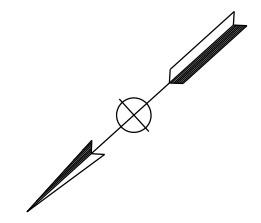


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	98	164

Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

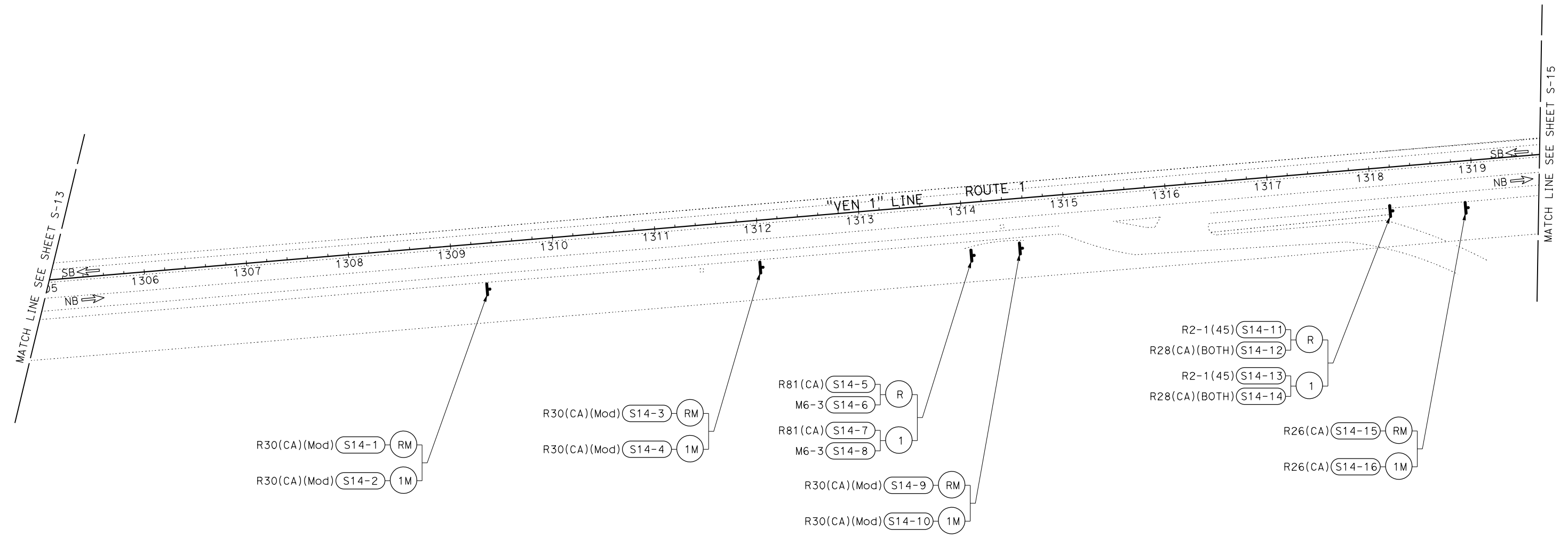
THE STATE OF CALIFORNIA OR ITS OFFICERS  
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
 THE ACCURACY OR COMPLETENESS OF SCANNED  
 COPIES OF THIS PLAN SHEET.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT
			ALFREDO CABRERA VENTURA
			DATE
			REVISED



APPROVED FOR SIGN WORK ONLY

**SIGN PLAN**  
 SCALE: 1" = 50'

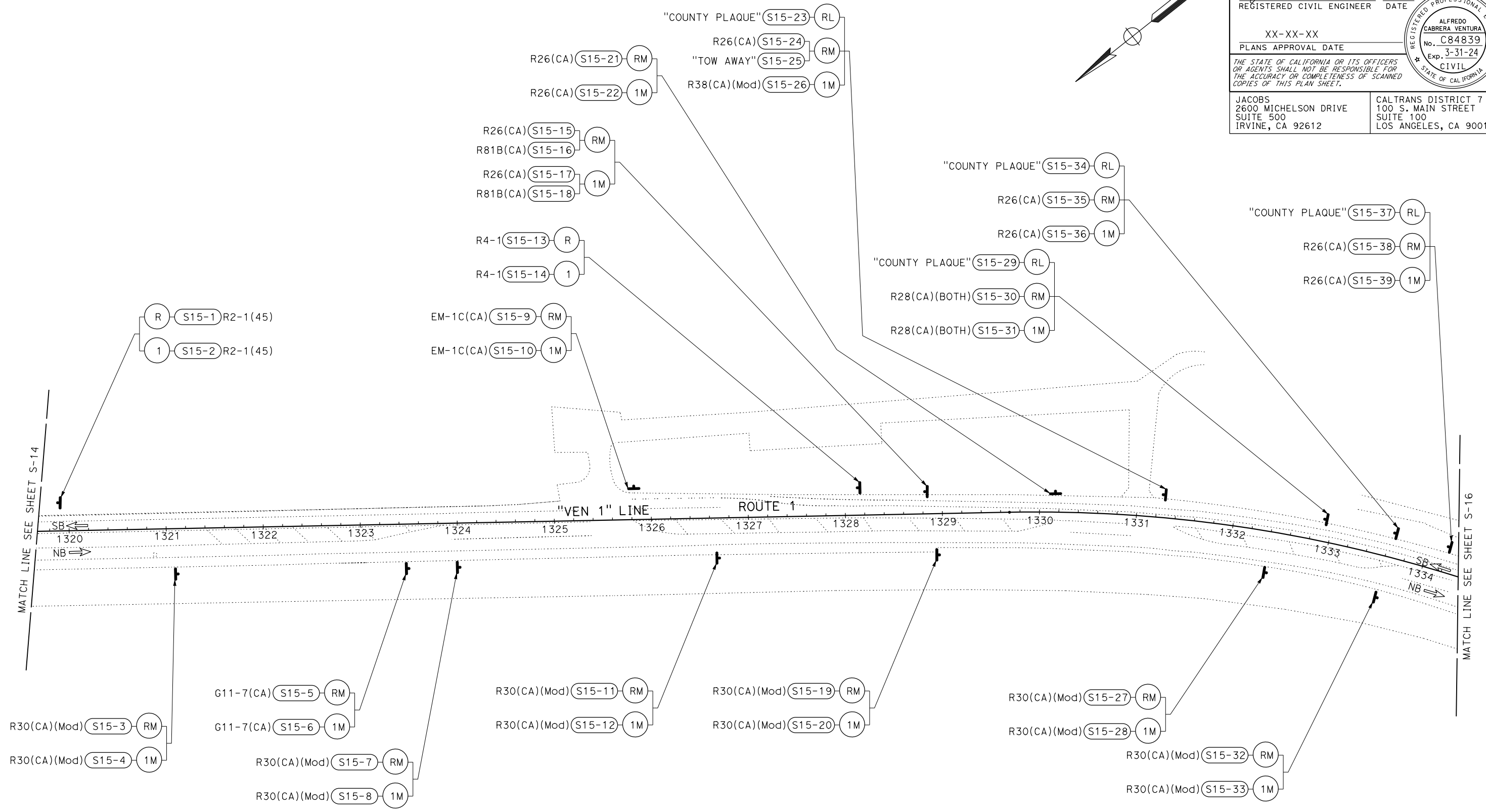
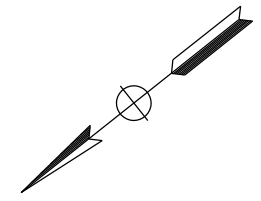
**S-14**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	99	164

<i>Alfredo Cabrera</i> 2-1-22	
REGISTERED CIVIL ENGINEER	DATE
XX-XX-XX	
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>	
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT
			ALFREDO CABRERA VENTURA
			DATE REVISOR

APPROVED FOR SIGN WORK ONLY

**SIGN PLAN**  
SCALE: 1" = 50'

**S-15**

LAST REVISION    DATE PLOTTED => 31-JAN-2022    00-00-00    TIME PLOTTED => 11:51

**NOTE:**

1. 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
07	VEN	1	21.2/28.4	100	164

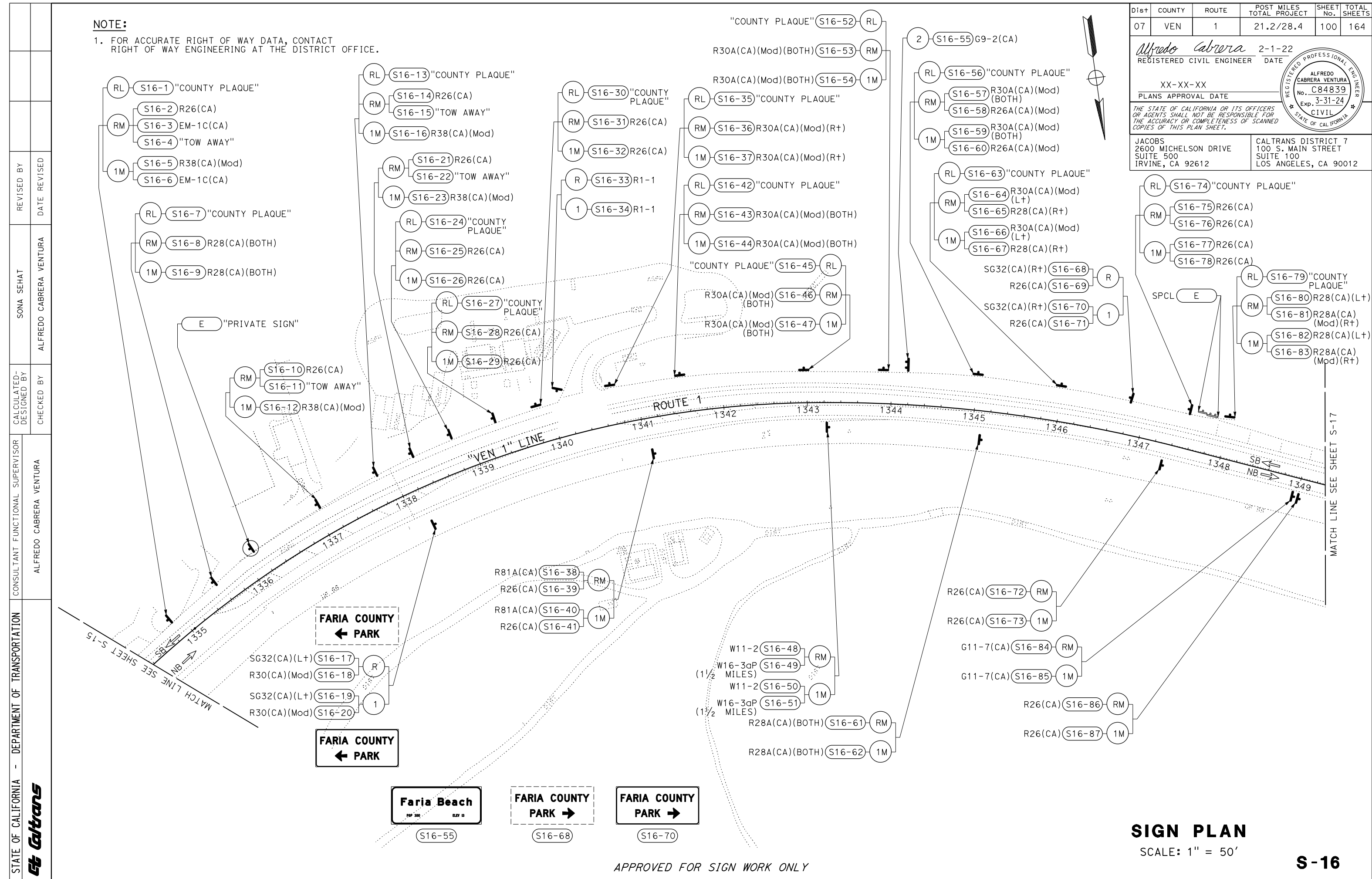
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Alfred Cabrera	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT
			ALFREDO CABRERA VENTURA
			DATE REVISION

**SIGN PLAN**  
 SCALE: 1" = 50'  
**S-16**

APPROVED FOR SIGN WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	101	164

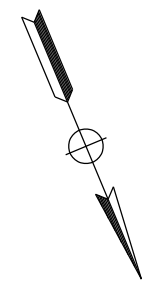
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

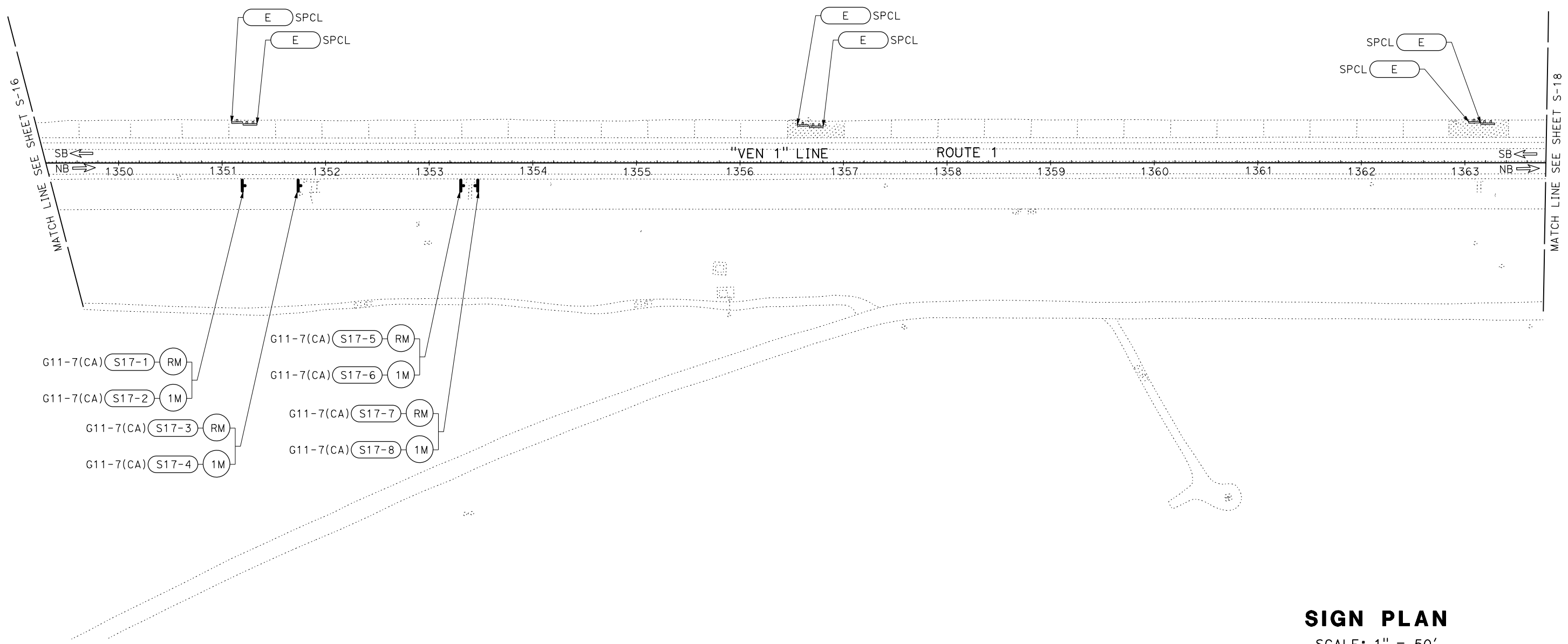
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	DATE
	ALFREDO CABRERA VENTURA		
	SONA SEHAT		



**SIGN PLAN**  
SCALE: 1" = 50'

**S-17**

APPROVED FOR SIGN WORK ONLY

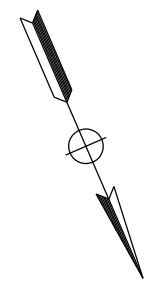
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	102	164

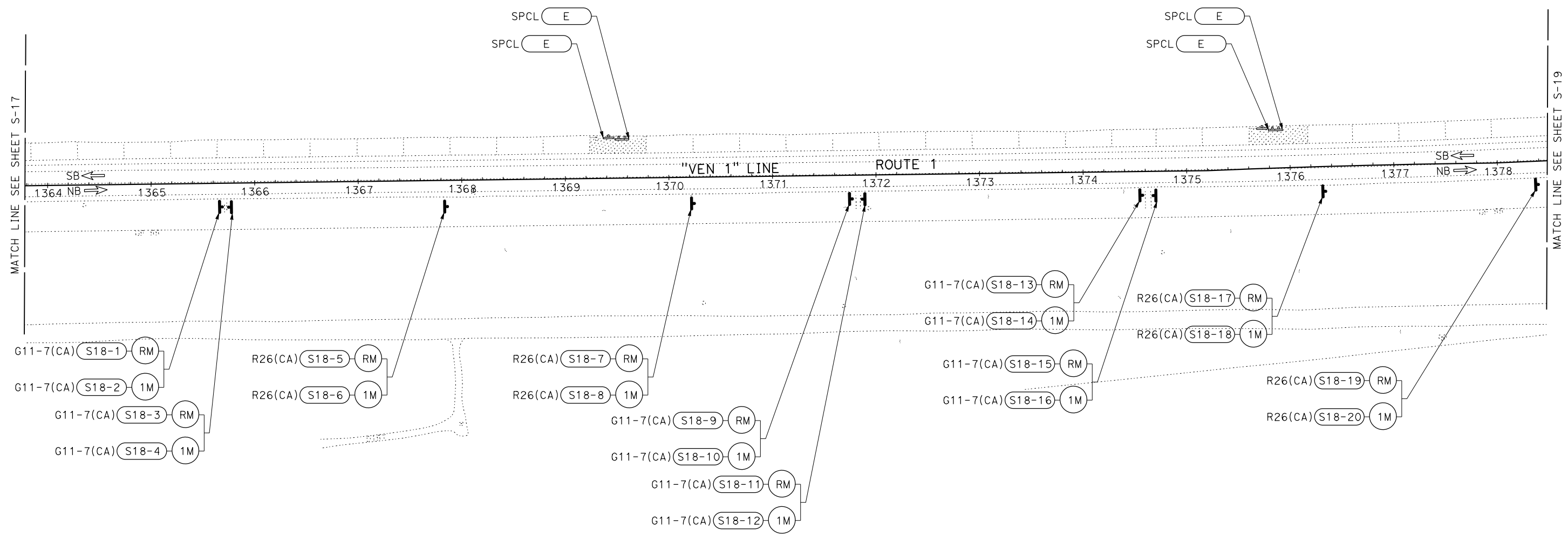
  

<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE	
XX-XX-XX PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	DATE
	ALFREDO CABRERA VENTURA		



**SIGN PLAN**  
 SCALE: 1" = 50'

**S-18**

APPROVED FOR SIGN WORK ONLY

LAST REVISION    DATE PLOTTED => 31-JAN-2022    00-00-00    TIME PLOTTED => 11:51

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	103	164

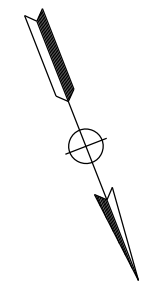
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

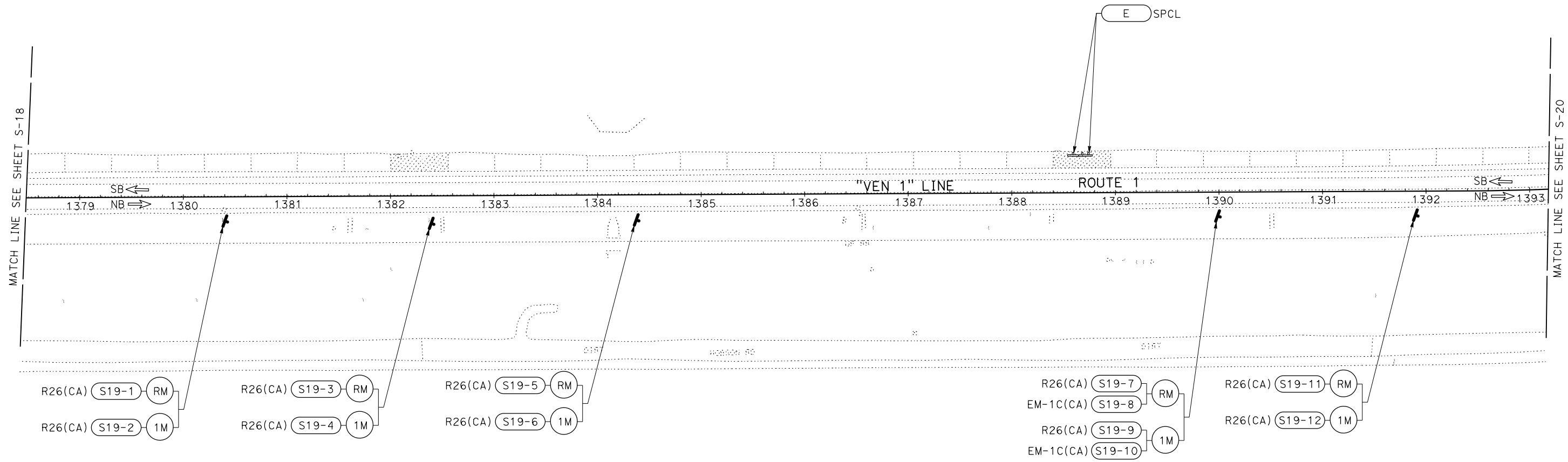
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT SUPERVISOR: ALFREDO CABRERA VENTURA  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 REVISIONS: SONA SEHAT, ALFREDO CABRERA VENTURA  
 REVISED BY: DATE REVISIONS:



**SIGN PLAN**  
 SCALE: 1" = 50'

**S-19**

APPROVED FOR SIGN WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	104	164

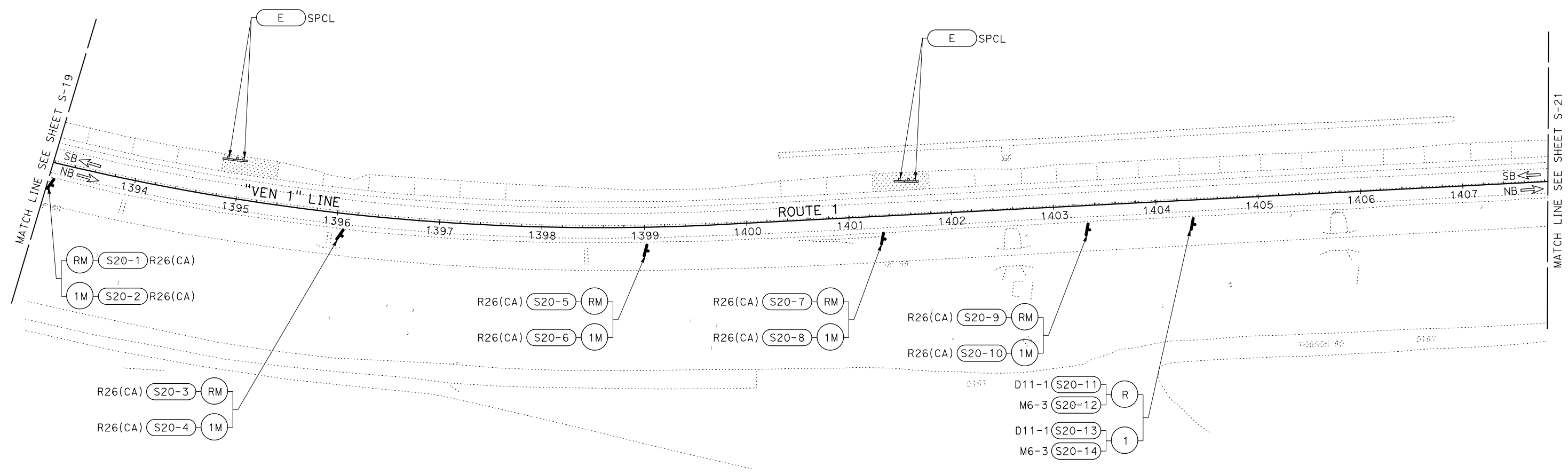
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT
			ALFREDO CABRERA VENTURA

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-20**

APPROVED FOR SIGN WORK ONLY

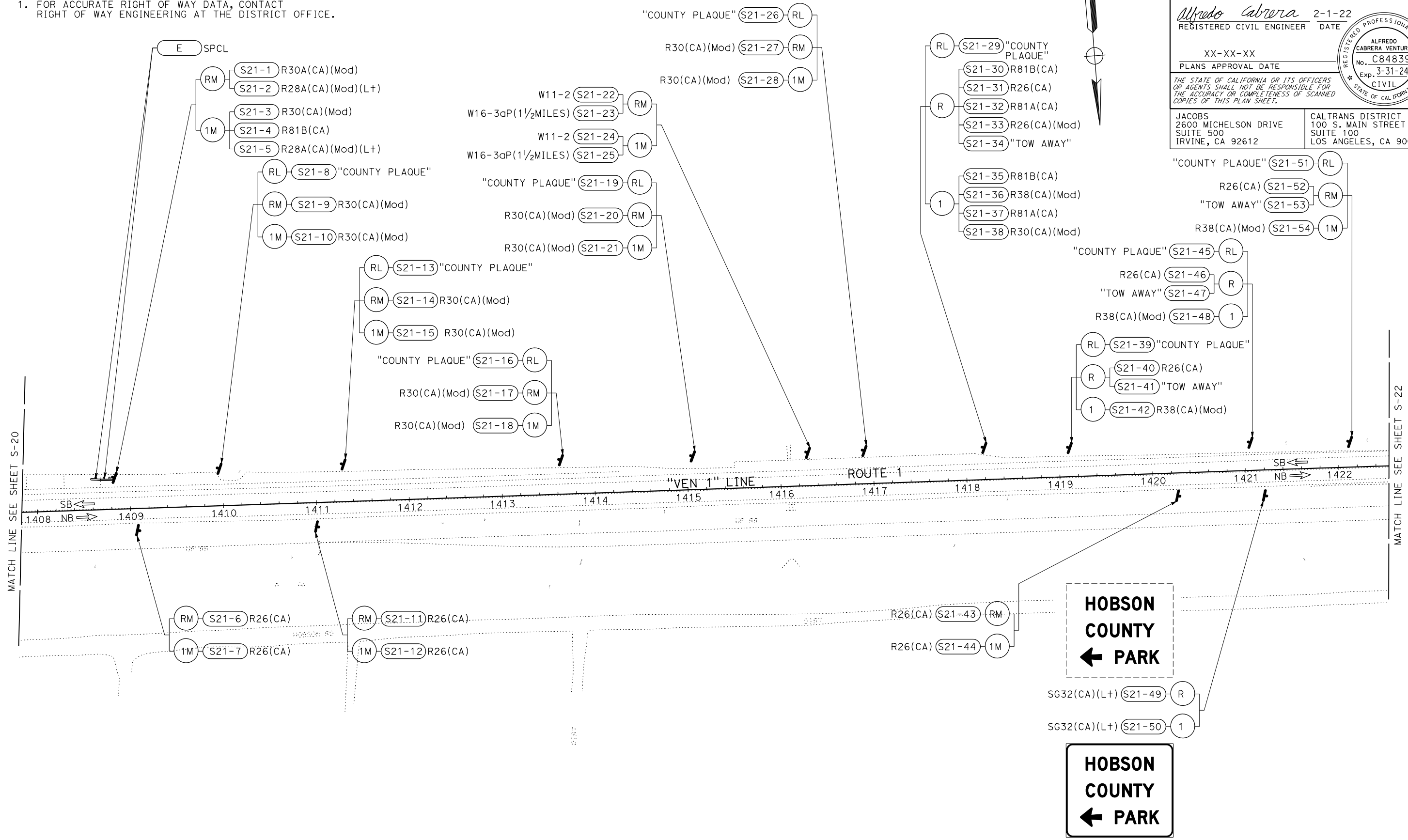
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	105	164

Alfredo Cabrera 2-1-22  
 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.



JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612  
 CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

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



MATCH LINE SEE SHEET S-20

MATCH LINE SEE SHEET S-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR	DATE
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	SONA SEHAT	
	ALFREDO CABRERA VENTURA	ALFREDO CABRERA VENTURA	
	CHECKED BY	REVISOR	DATE
	CHECKED BY	REVISOR	DATE

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-21**

APPROVED FOR SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 11:52

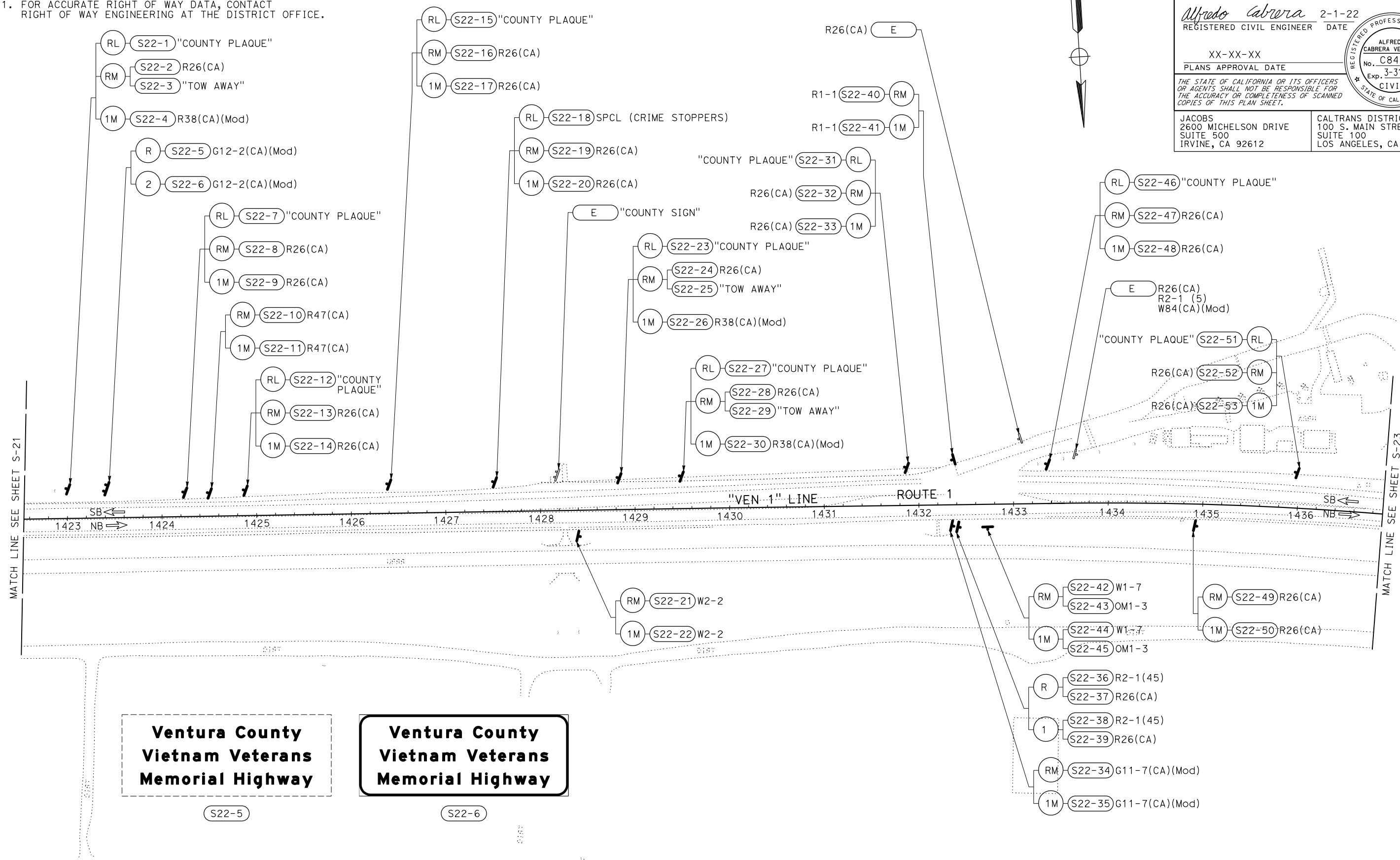


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	106	164

<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE	
XX-XX-XX 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>	
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

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



Ventura County  
 Vietnam Veterans  
 Memorial Highway  
 S22-5

Ventura County  
 Vietnam Veterans  
 Memorial Highway  
 S22-6

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-22**

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	SONA SEHAT
	CHECKED BY	DATE REVISED
	ALFREDO CABRERA VENTURA	

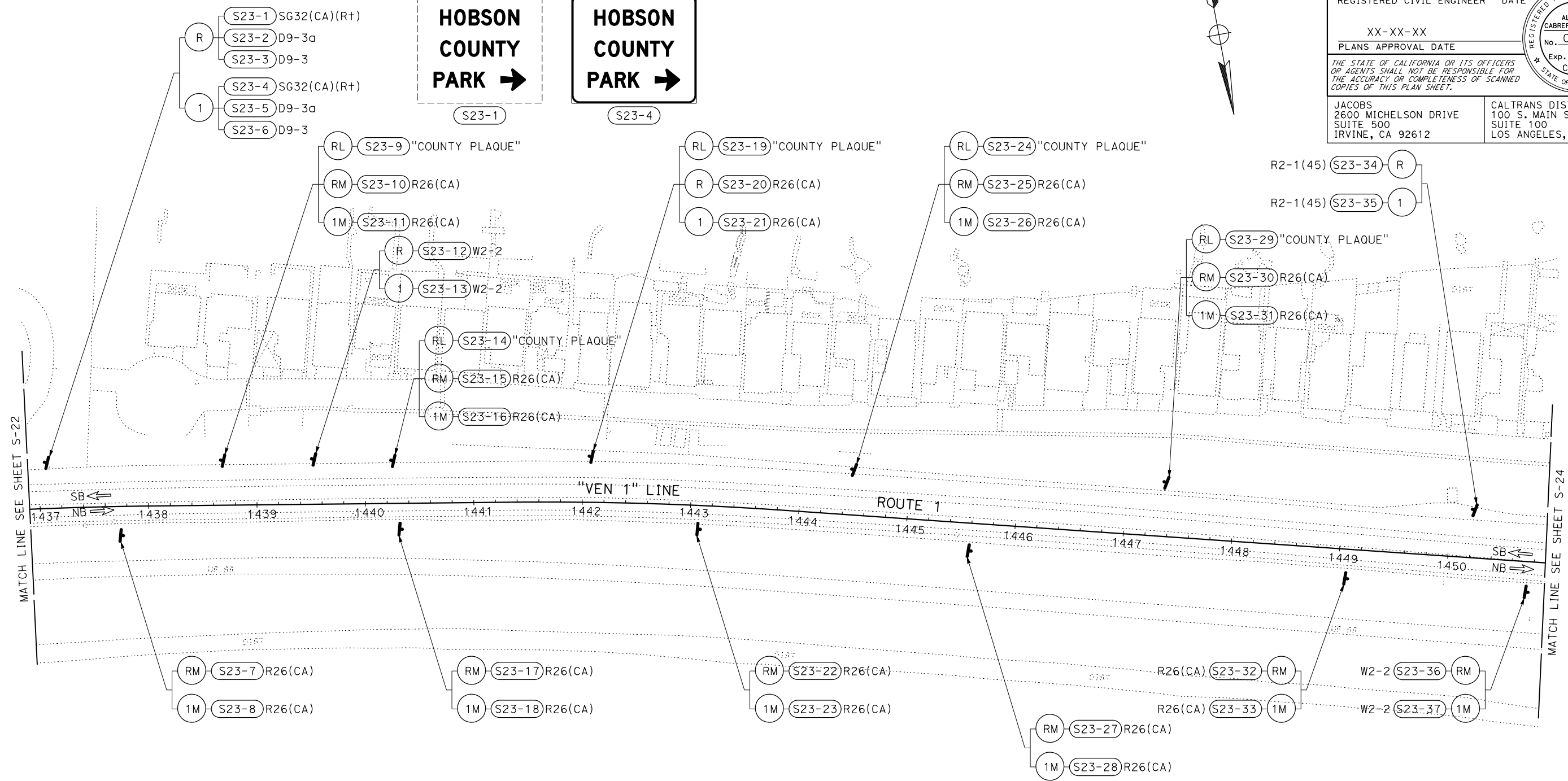
LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 11:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	107	164

<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE		
XX-XX-XX 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>		
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612		CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	ALFREDO CABRERA VENTURA	ALFREDO CABRERA VENTURA	SONA SEHAT	
	ALFREDO CABRERA VENTURA	CHECKED BY	DATE	REVISED

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-23**

APPROVED FOR SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 11:52

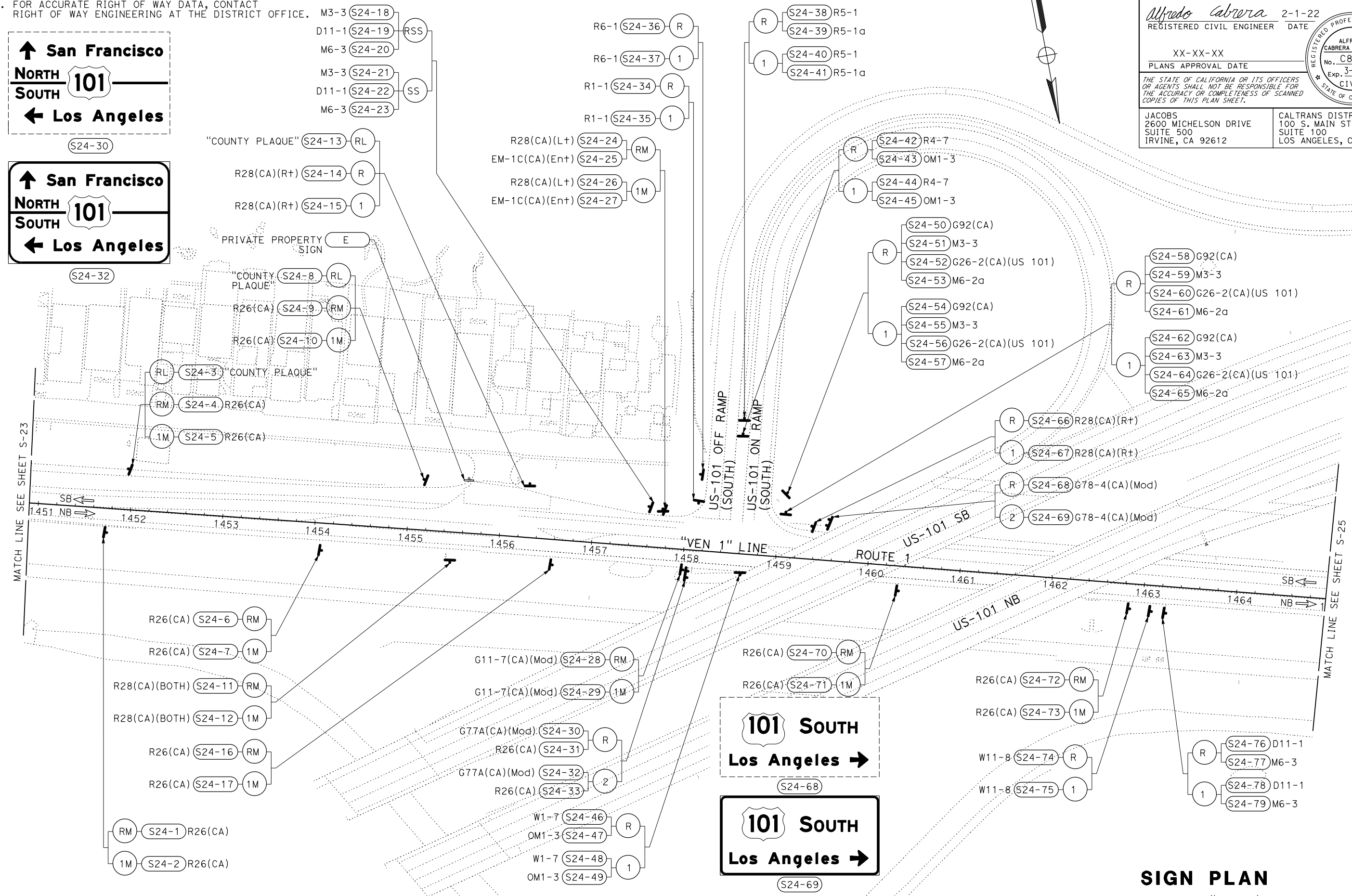
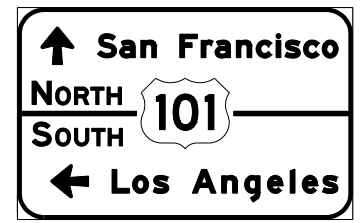
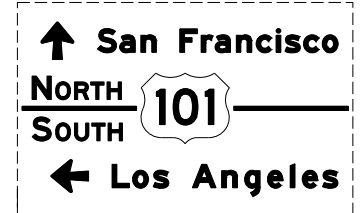
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	108	164

<b>Alfredo Cabrera</b> 2-1-22 REGISTERED CIVIL ENGINEER DATE	
XX-XX-XX 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>	
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

**NOTE:**

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
Alfred Cabrera	ALFREDO CABRERA VENTURA	SONA SEHAT
DATE	CHECKED BY	DATE
00-00-00	ALFREDO CABRERA VENTURA	00-00-00

**SIGN PLAN**  
 SCALE: 1" = 50'

**S-24**

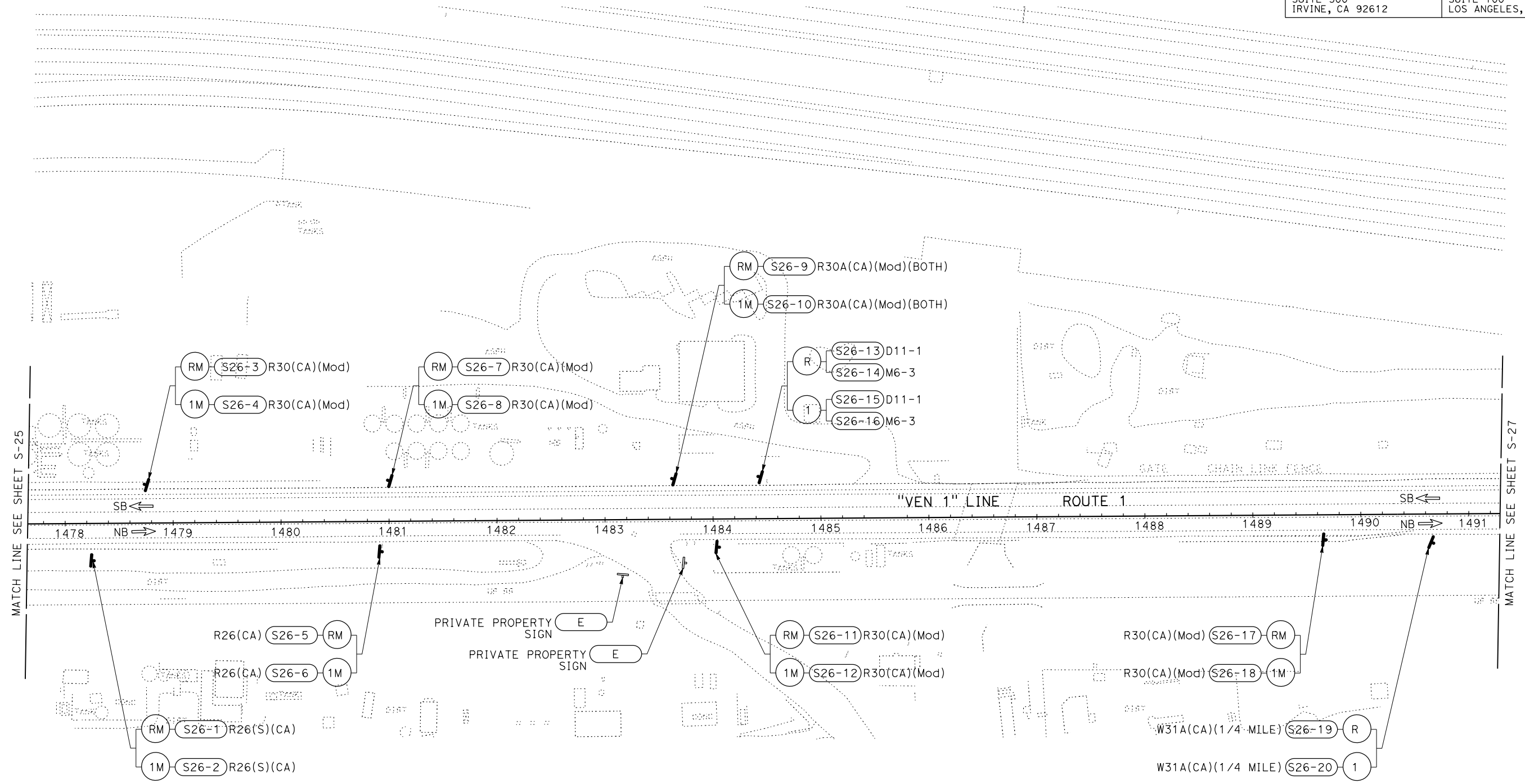
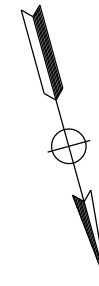
APPROVED FOR SIGN WORK ONLY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	110	164
Alfredo Cabrera 2-1-22 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.					
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612			CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012		

**NOTE:**

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b>	ALFREDO CABRERA VENTURA	CHECKED BY	SONA SEHAT
			ALFREDO CABRERA VENTURA
			DATE REVISION

APPROVED FOR SIGN WORK ONLY

**SIGN PLAN**  
SCALE: 1" = 50'

**S-26**

LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 11:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	111	164

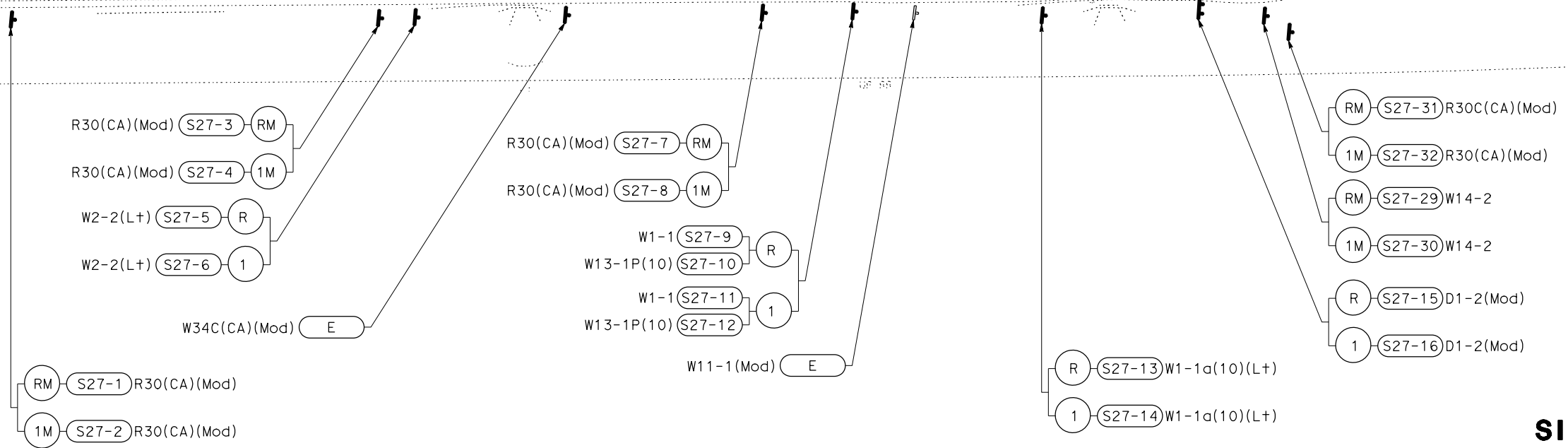
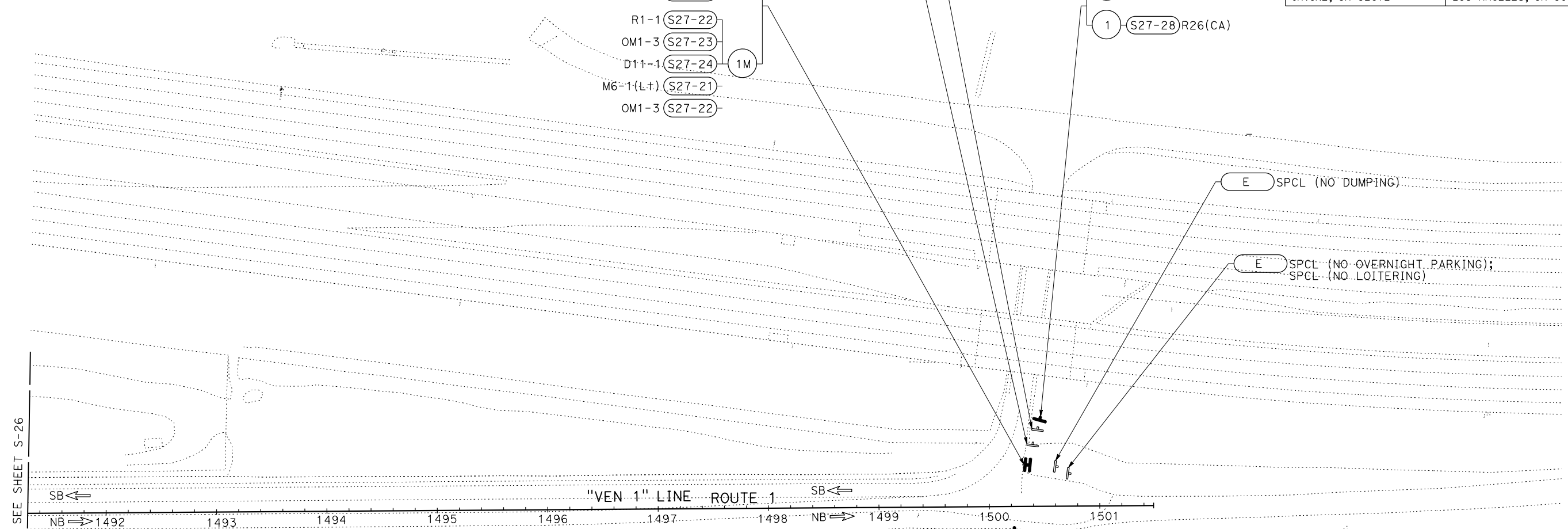
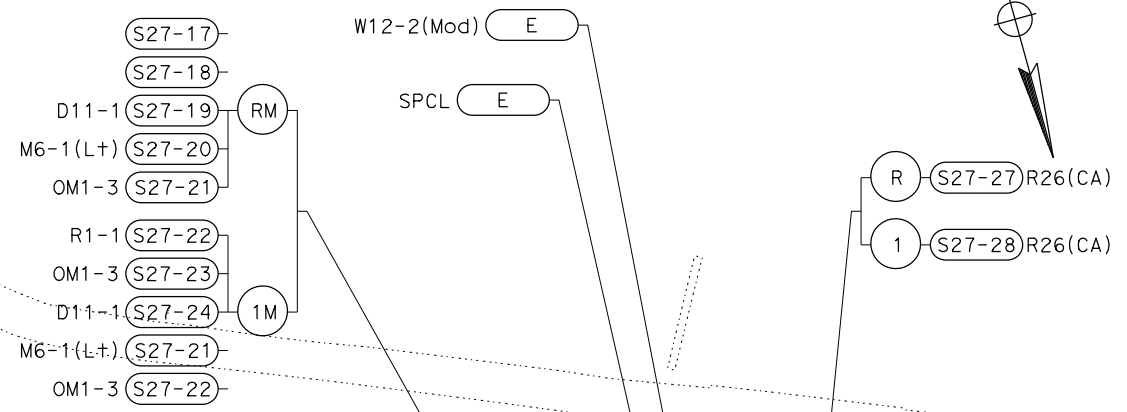
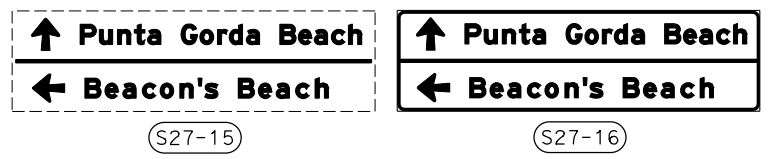
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

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



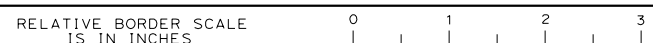
**SIGN PLAN**  
 SCALE: 1" = 50'

**S-27**

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
Alfred Cabrera	ALFREDO CABRERA VENTURA	SONA SEHAT
DESIGNER	CHECKED BY	DATE
ALFREDO CABRERA VENTURA	ALFREDO CABRERA VENTURA	2-1-22

USERNAME => AC059069  
 DGN FILE => 07323900027.dgn



UNIT 2998

PROJECT NUMBER & PHASE

0716000072

DATE PLOTTED => 31-JAN-2022  
 TIME PLOTTED => 11:52

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

CONSULTANT FUNCTIONAL SUPERVISOR  
 ALFREDO CABRERA VENTURA

CALCULATED-DESIGNED BY  
 CHECKED BY

SONA SEHAT  
 ALFREDO CABRERA VENTURA

REVISED BY  
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	112	164

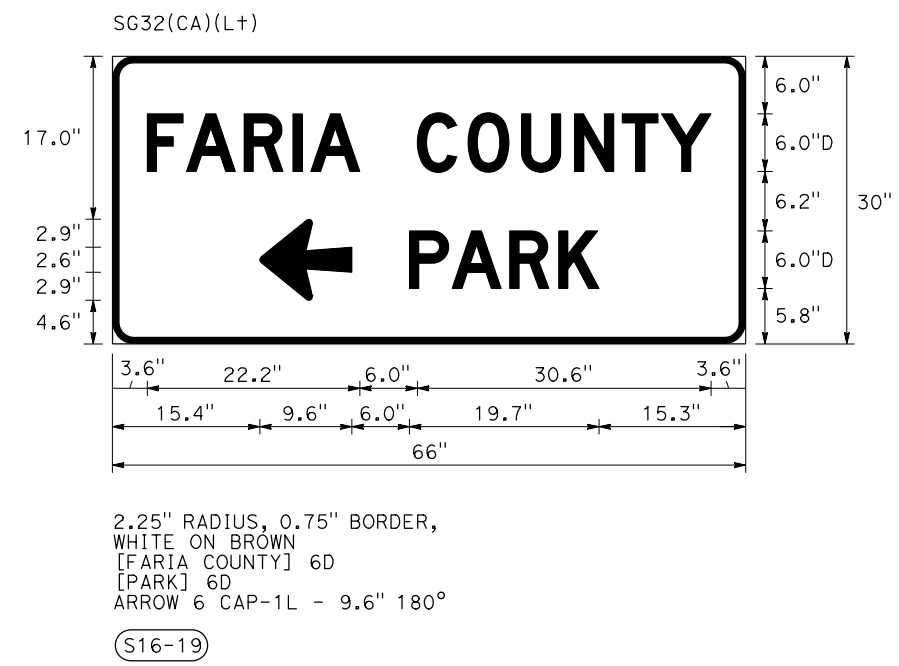
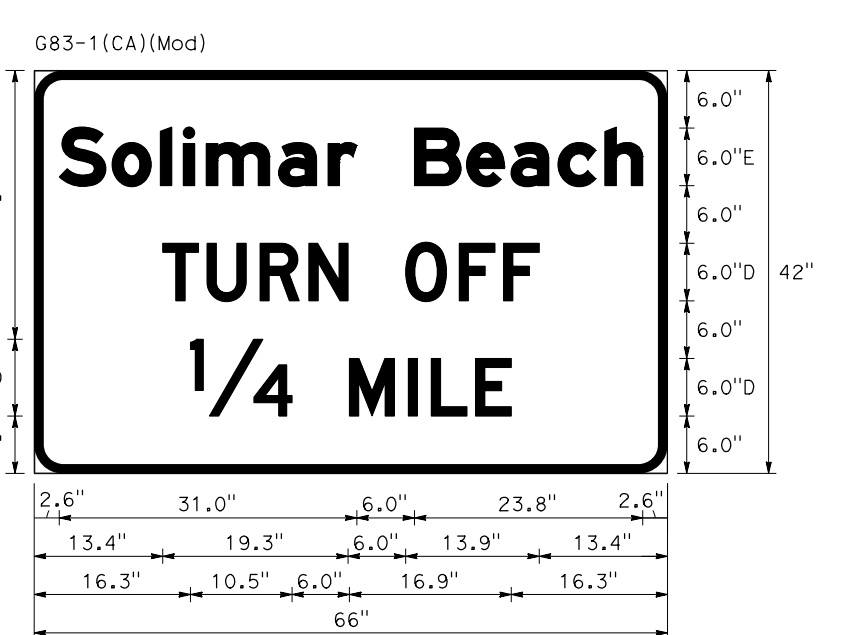
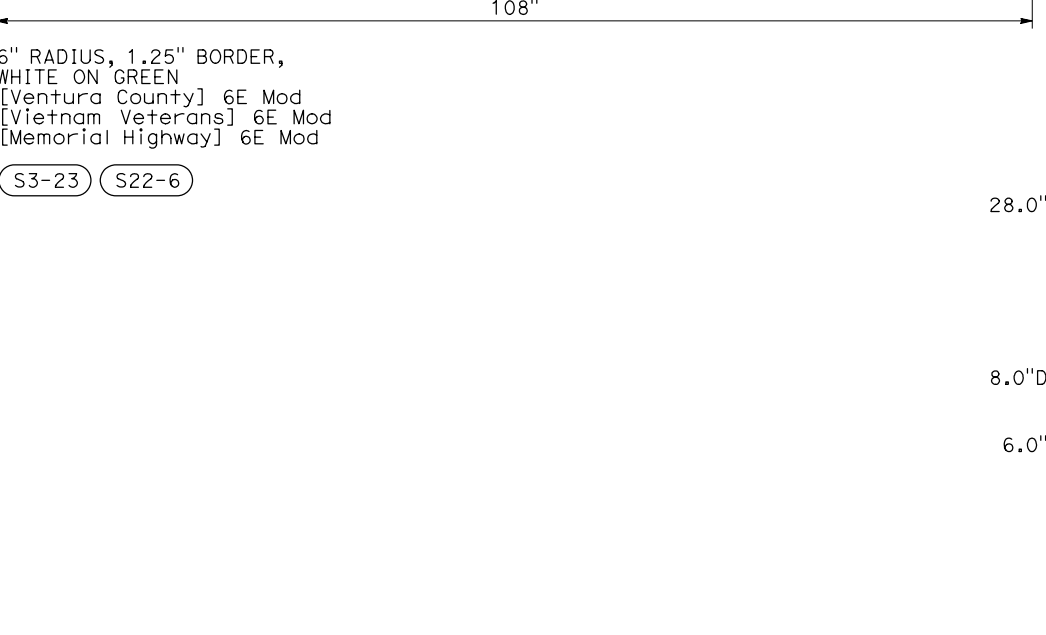
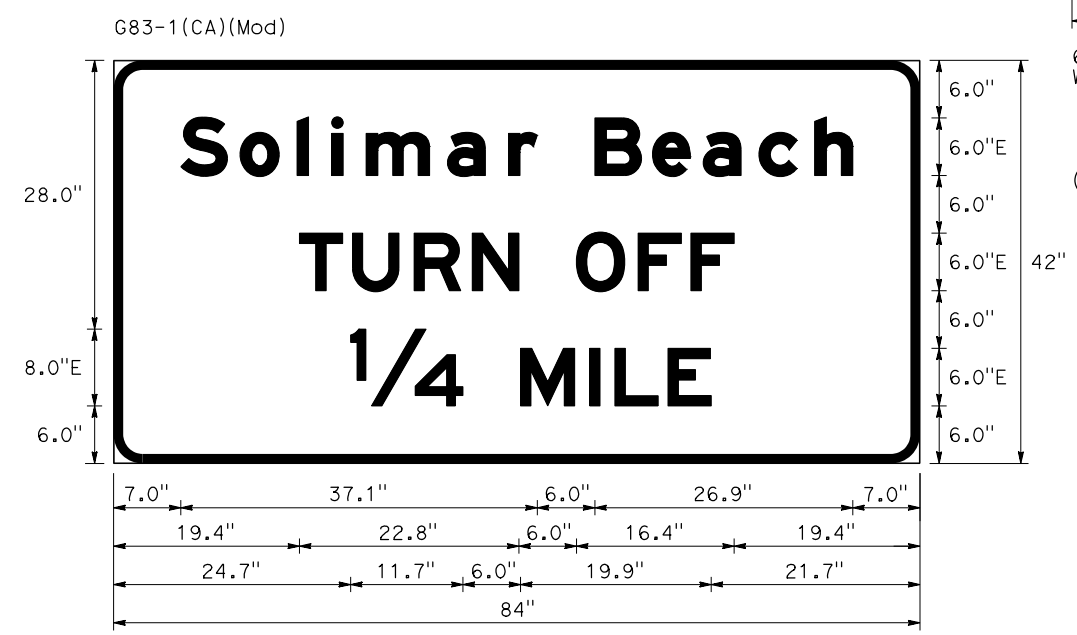
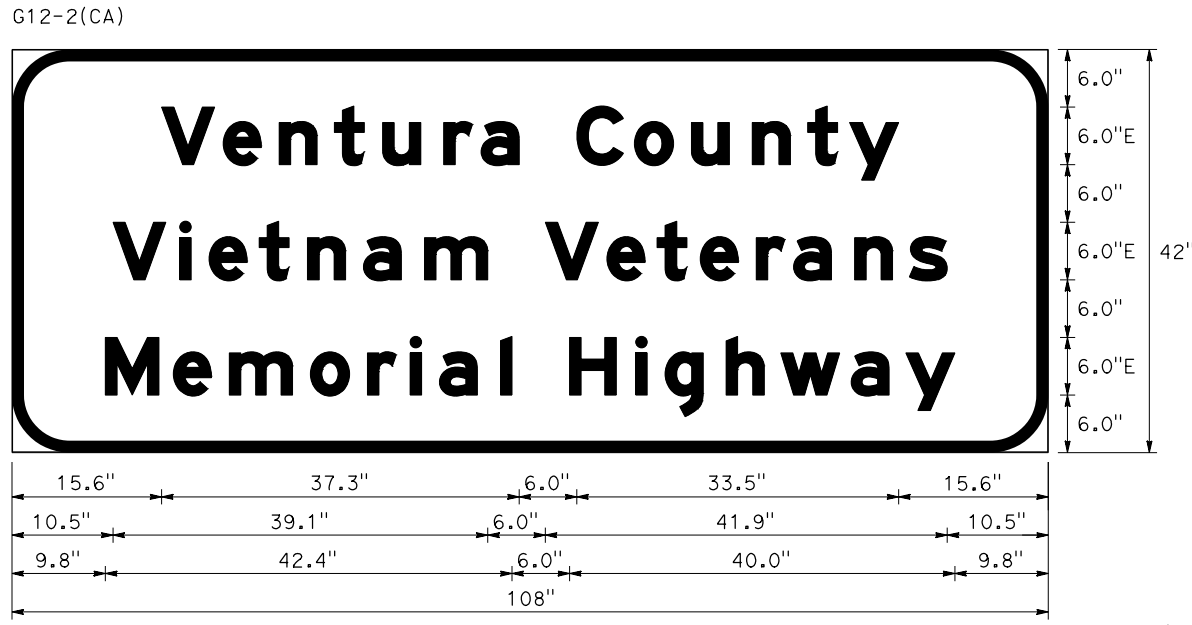
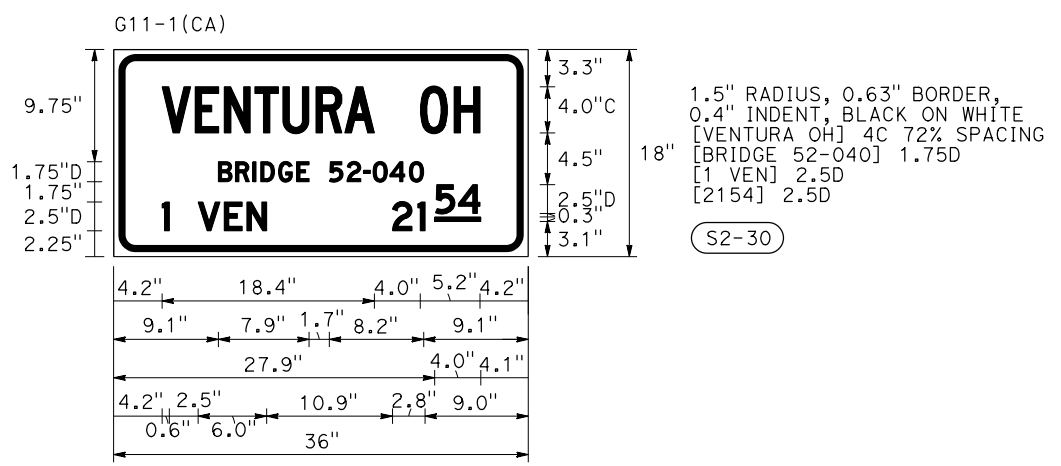
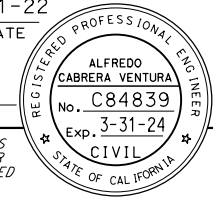
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012



**SIGN DETAILS**

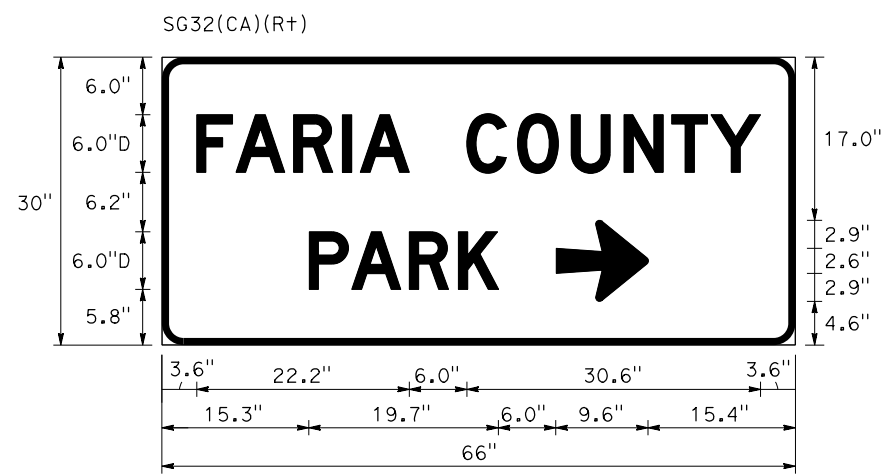
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**SD-1**

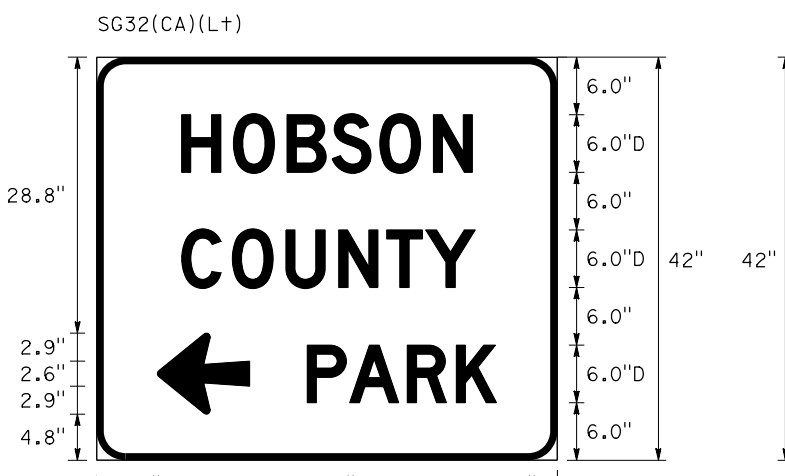
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT SUPERVISOR: ALFREDO CABRERA VENTURA  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 CALCULATED/DESIGNED BY: ALFREDO CABRERA VENTURA  
 REVISOR: SONA SEHAT  
 DATE: 7/2/2010

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	113	164

Alfredo Cabrera 2-1-22  
 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.  
 JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612  
 CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012



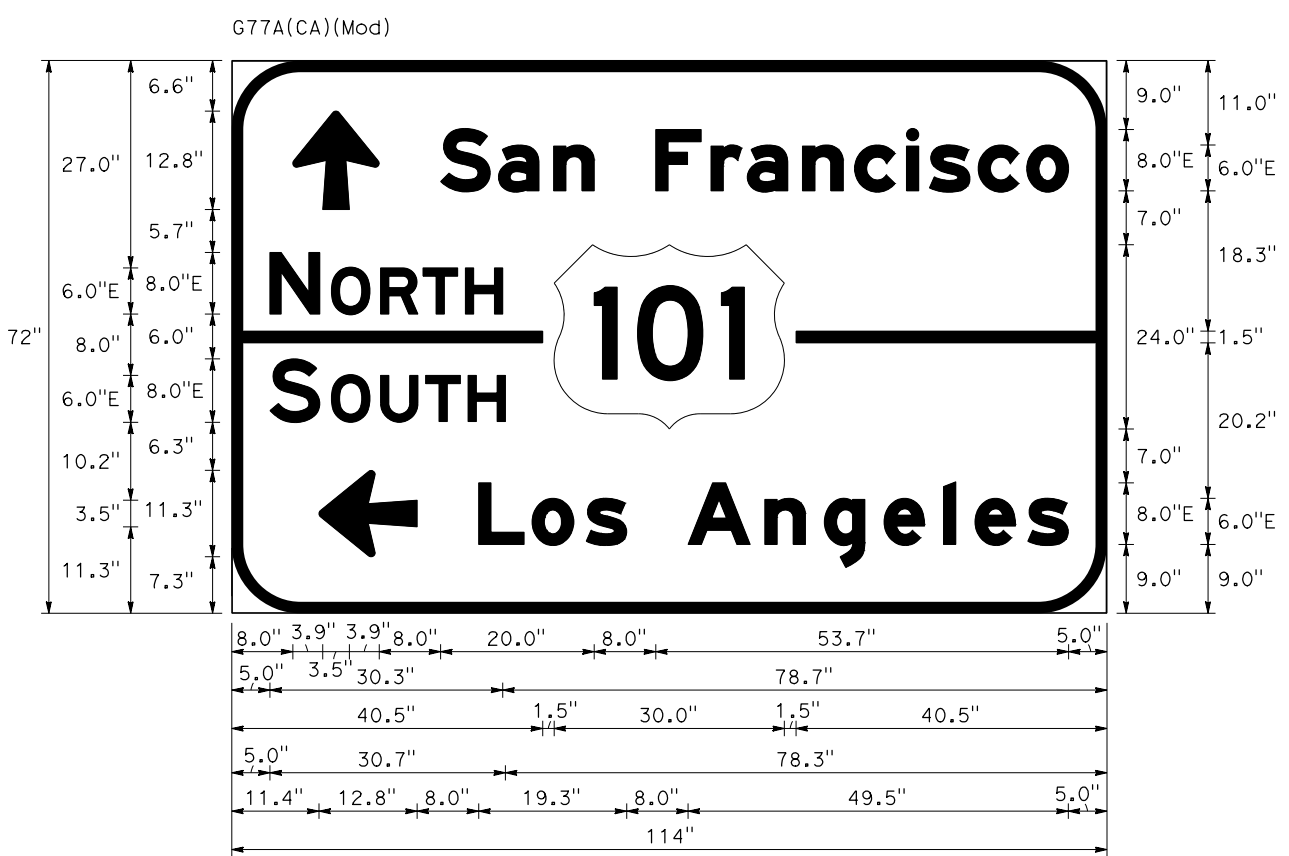
2.25" RADIUS, 0.75" BORDER,  
 WHITE ON BROWN  
 [FARIA COUNTY] 6D  
 [PARK] 6D  
 ARROW 6 CAP-1L - 9.6" 0°  
 (S16-70)



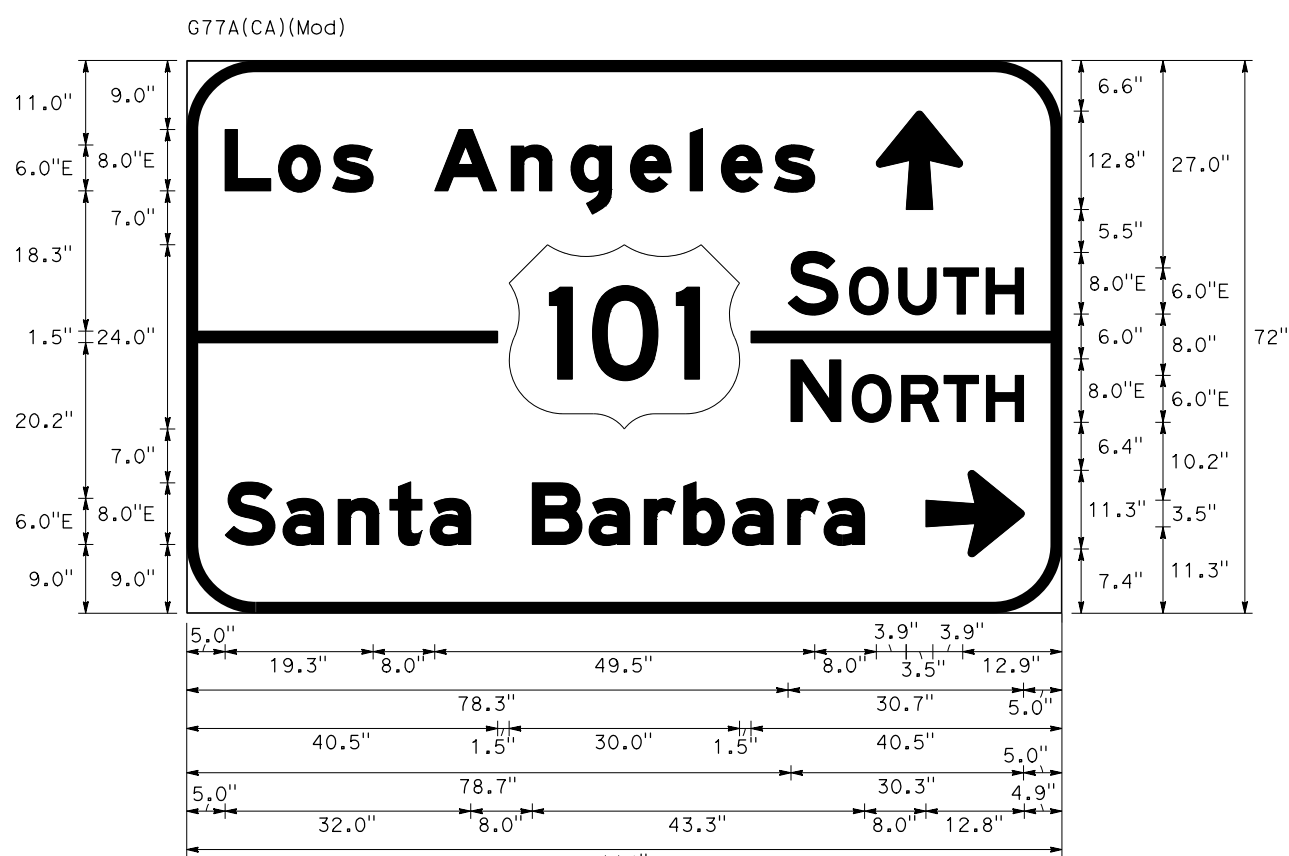
3" RADIUS, 0.75" BORDER,  
 WHITE ON BROWN  
 [HOBSON] 6D  
 [COUNTY] 6D  
 [PARK] 6D  
 ARROW 6 CAP-1L - 9.6" 180°  
 (S21-50)



3" RADIUS, 0.75" BORDER,  
 WHITE ON BROWN  
 [HOBSON] 6D  
 [COUNTY] 6D  
 [PARK] 6D  
 ARROW 6 CAP-1L - 9.6" 0°  
 (S23-4)



11" RADIUS, 2" BORDER,  
 WHITE ON GREEN  
 ARROW 6 CAP-1L - 12.8" 90°  
 [San Francisco] 8/6E Mod; 60% SPACING  
 [NORTH] 8/6 E  
 [SOUTH] 8/6 E  
 [Los Angeles] 8/6E Mod  
 ARROW 6 CAP-1L - 12.8" 180°  
 (S24-32)



11" RADIUS, 2" BORDER,  
 WHITE ON GREEN  
 ARROW 6 CAP-1L - 12.8" 90°  
 [Los Angeles] 8/6E Mod  
 [NORTH] 8/6 E  
 [SOUTH] 8/6 E  
 [Santa Barbara] 8/6E Mod; 60% SPACING  
 ARROW 6 CAP-1L - 12.8" 0°  
 (S25-70)

**SIGN DETAILS**  
 NO SCALE

**SD-2**



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 CALCULATED/DESIGNED BY: ALFREDO CABRERA VENTURA  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 SONA SEHAT  
 ALFREDO CABRERA VENTURA  
 REVISED BY: DATE  
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	114	164

Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE

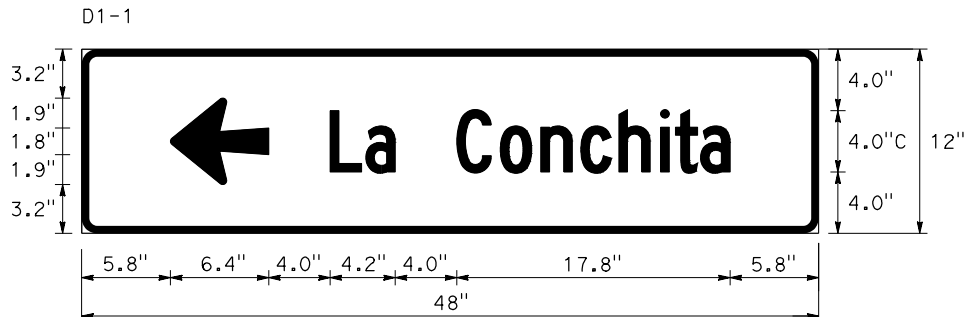
XX-XX-XX  
 PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

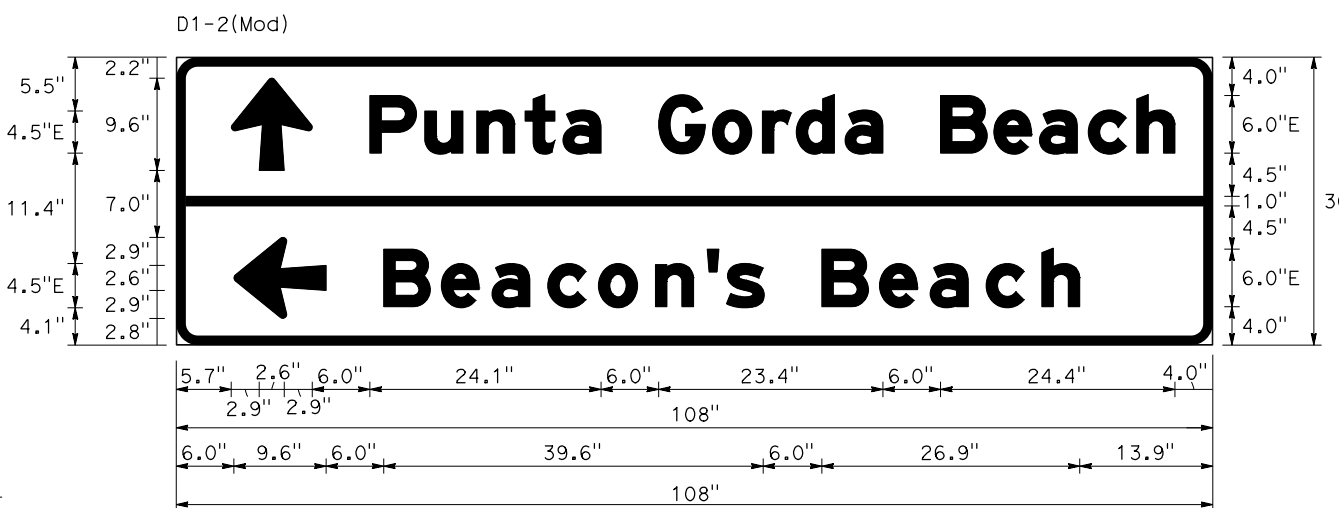
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

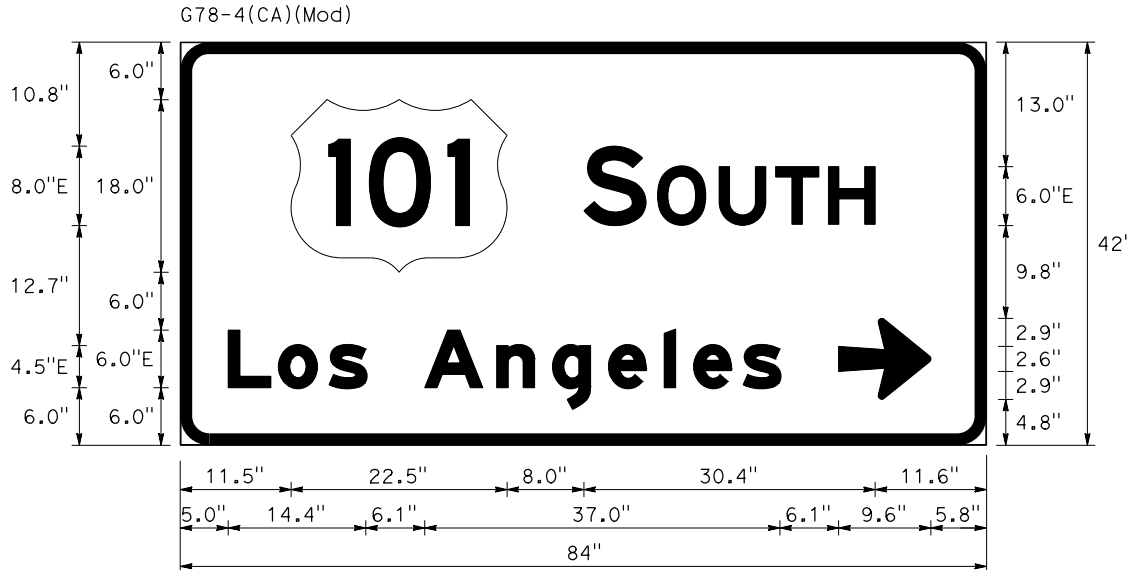
CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012



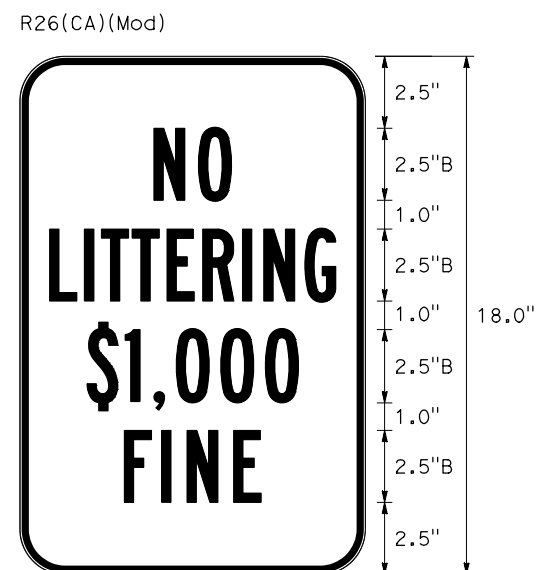
1" RADIUS, 0.5" BORDER,  
 WHITE ON GREEN  
 [La Conchita] 4C  
 ARROW 6 CAP-1L - 6.4" 0°  
 (S25-68)



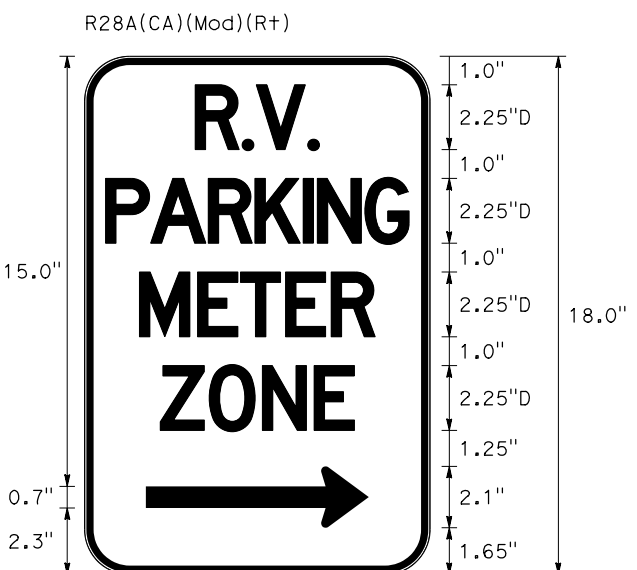
2.25" RADIUS, 1" BORDER,  
 WHITE ON GREEN  
 [Punta Gorda Beach] 8/6 E; 60% SPACING  
 ARROW 6 CAP-1L - 9.6" 90°  
 [Beacon's Beach] 6/4.5E Mod  
 ARROW 6 CAP-1L - 9.6" 180°  
 (S27-16)



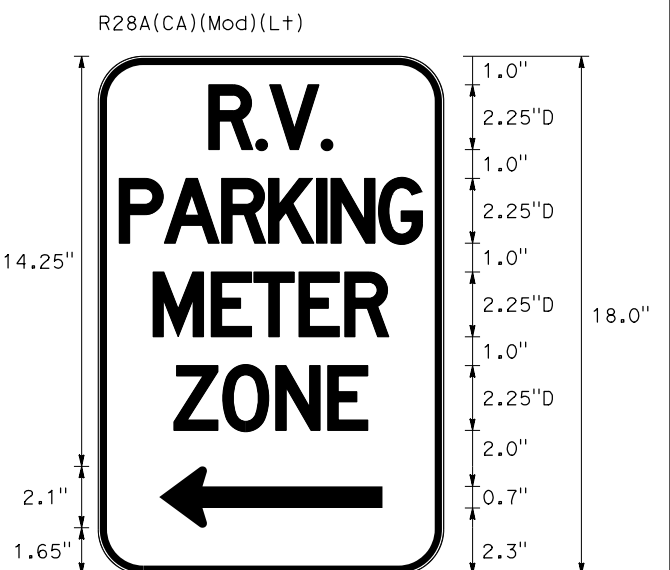
3" RADIUS, 1.25" BORDER,  
 WHITE ON GREEN  
 [SOUTH] 8/6 E  
 [Los Angeles] 6/4.5E Mod  
 ARROW 6 CAP-1L - 9.6" 0°  
 (S24-69)



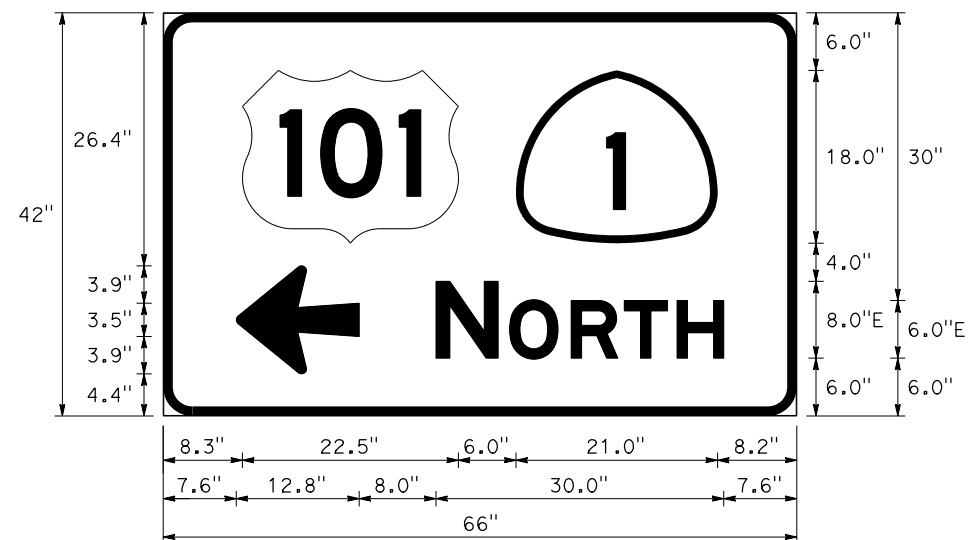
1.5" RADIUS, 0.25" BORDER,  
 RED ON WHITE  
 [NO] 2.5B  
 [LITTERING] 2.5B; 75% SPACING  
 [\$1,000] 2.5B  
 [FINE] 2.5B  
 (S13-18) (S16-60)



1.5" RADIUS, 0.25" BORDER,  
 RED ON WHITE  
 [R.V.] 2.25D; 50% SPACING  
 [PARKING] 2.25D; 25% SPACING  
 [METER] 2.25D; 50% SPACING  
 [ZONE] 2.25D; 50% SPACING  
 STANDARD ARROW CUSTOM 7.7"x2.1" 0°  
 (S16-83)



1.5" RADIUS, 0.25" BORDER,  
 RED ON WHITE  
 [R.V.] 2.25D; 50% SPACING  
 [PARKING] 2.25D; 25% SPACING  
 [METER] 2.25D; 50% SPACING  
 [ZONE] 2.25D; 50% SPACING  
 STANDARD ARROW CUSTOM 7.7"x2.1" 180°  
 (S21-5)



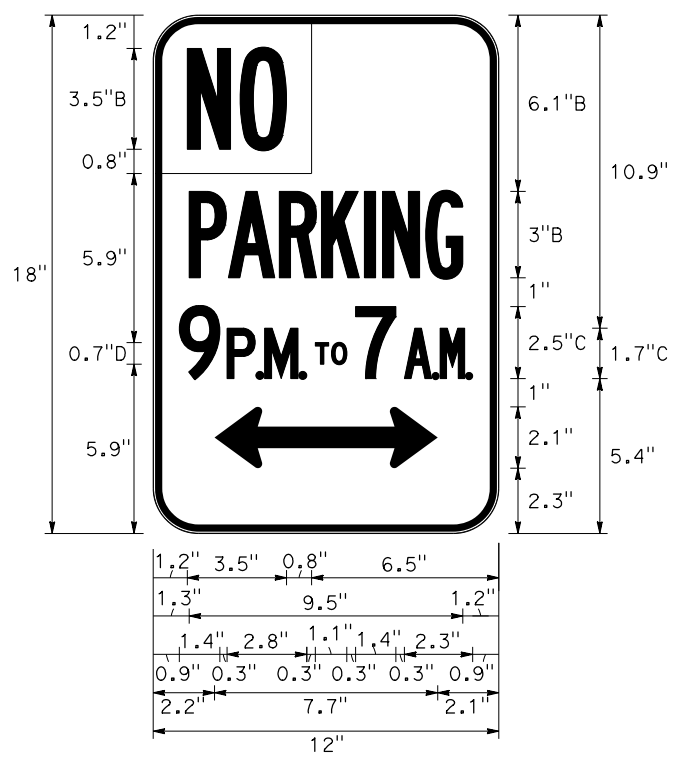
3" RADIUS, 1" BORDER,  
 WHITE ON GREEN  
 ARROW 6 CAP-1L - 12.8" 180°  
 [NORTH] 8/6 E  
 (S25-16)

**SIGN DETAILS**  
 NO SCALE  
**SD-3**

LAST REVISION DATE PLOTTED => 31-JAN-2022 00-00-00 TIME PLOTTED => 1:15:53

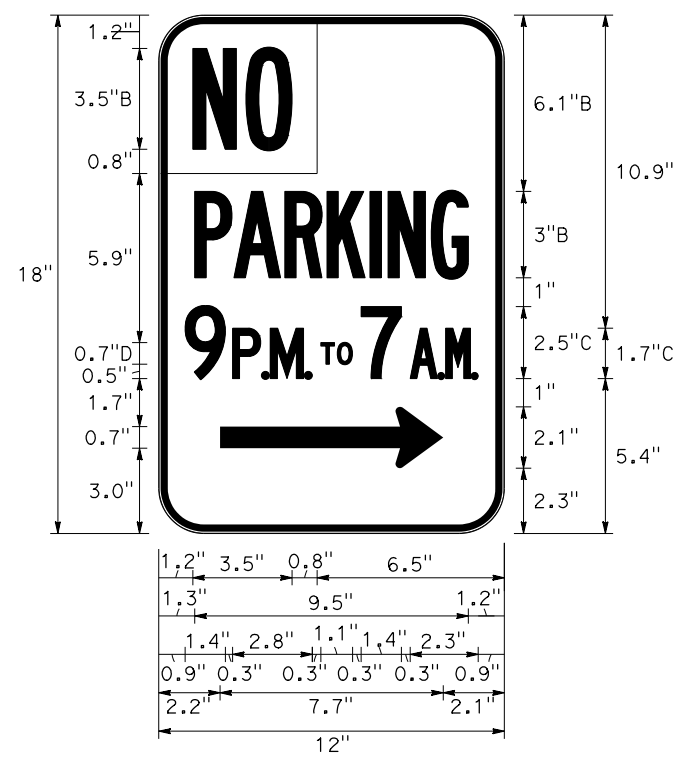
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 REVISOR: SONA SEHAT  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 DESIGNED BY: ALFREDO CABRERA VENTURA  
 DATE: 2-1-22

R30A(CA)(Mod)(BOTH)



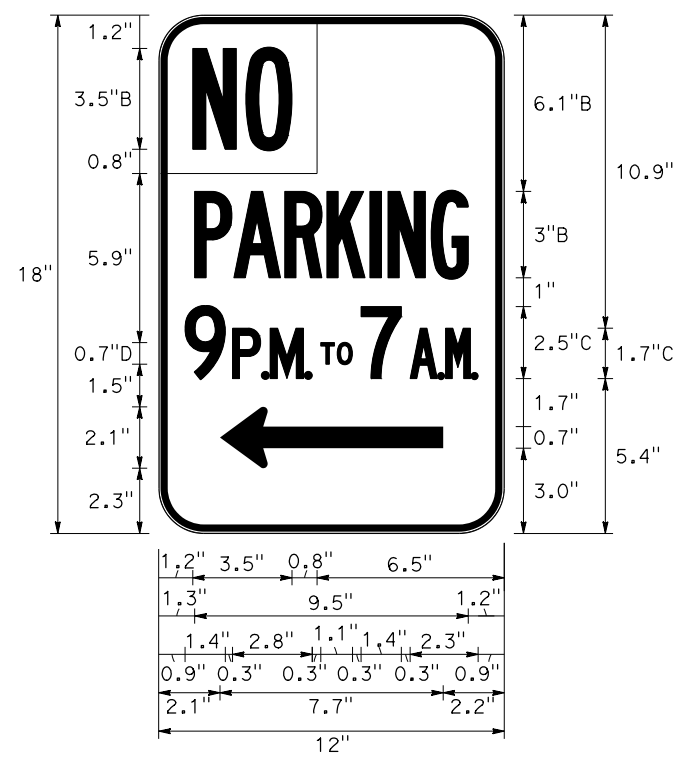
1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 0°/180°  
 (S16-44) (S16-47) (S16-54) (S16-59)

R30A(CA)(Mod)(R+)



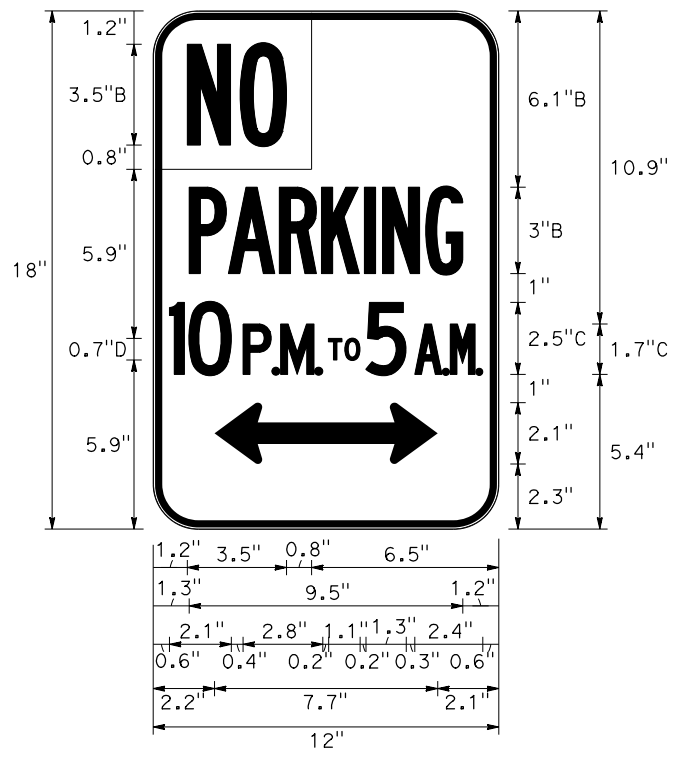
1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 0°  
 (S16-37)

R30A(CA)(Mod)(L+)



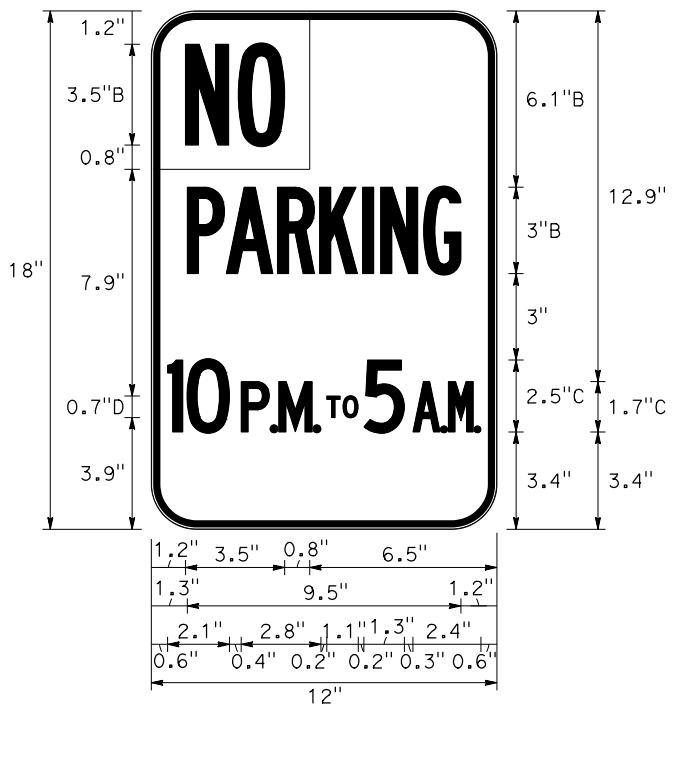
1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 180°  
 (S16-66)

R30A(CA)(Mod)(BOTH)



1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [10] 2.5C; 30% SPACING  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [5] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 0°/180°  
 (S25-88) (S26-10)

R30(CA)(Mod)



1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [10] 2.5C; 30% SPACING  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [5] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 (S26-4) (S26-8) (S26-12) (S26-18)  
 (S27-2) (S27-4) (S27-8) (S27-32)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	115	164

Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 REVISOR: SONA SEHAT  
 DATE REVISION: ALFREDO CABRERA VENTURA

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	116	164

Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012



- 1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [6] 2.5C  
 [A.M.] 1.75C; 10% SPACING
- S3-56 S3-67 S4-3 S4-8
  - S4-13 S4-24 S4-33 S4-38
  - S5-3 S5-9 S5-14 S5-25
  - S5-30 S6-3 S6-7 S6-14
  - S7-11



- 1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING
- S1-12 S1-18 S1-19 S1-26
  - S2-3 S7-38 S7-51 S7-55
  - S7-61 S7-69 S10-41 S10-58
  - S11-02 S11-25 S12-10 S12-20
  - S12-24 S12-26 S12-28 S13-02
  - S13-18 S13-49 S13-51 S14-02
  - S14-04 S14-10 S15-04 S15-08
  - S15-12 S15-20 S15-27 S15-32
  - S16-20 S21-4 S21-10 S21-15
  - S21-18 S21-21 S21-28 S21-38



- S1-12 S1-18 S1-19 S1-26
- S2-3 S7-44 S7-57 S7-63
- S7-67 S7-75 S10-41 S10-58
- S11-2 S11-25 S11-51 S12-10
- S12-20 S12-24 S12-26 S12-28
- S13-2 S13-19 S13-70 S13-79
- S14-2 S14-4 S14-10 S15-4
- S15-8 S15-12 S15-20 S15-28
- S15-33 S16-20 S21-3 S21-10
- S21-15 S21-18 S21-21 S21-28
- S21-38



- S3-56 S3-67 S4-3 S4-8
- S4-13 S4-24 S4-33 S4-38
- S5-3 S5-9 S5-14 S5-25
- S5-30 S6-3 S6-7 S6-14
- S7-12

1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING

1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [6] 2.5C  
 [A.M.] 1.75C; 10% SPACING

**SIGN DETAILS**

NO SCALE

**SD-5**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	117	164

<i>Alfredo Cabrera</i> 2-1-22 REGISTERED CIVIL ENGINEER DATE		
XX-XX-XX 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>		
JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612		CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012



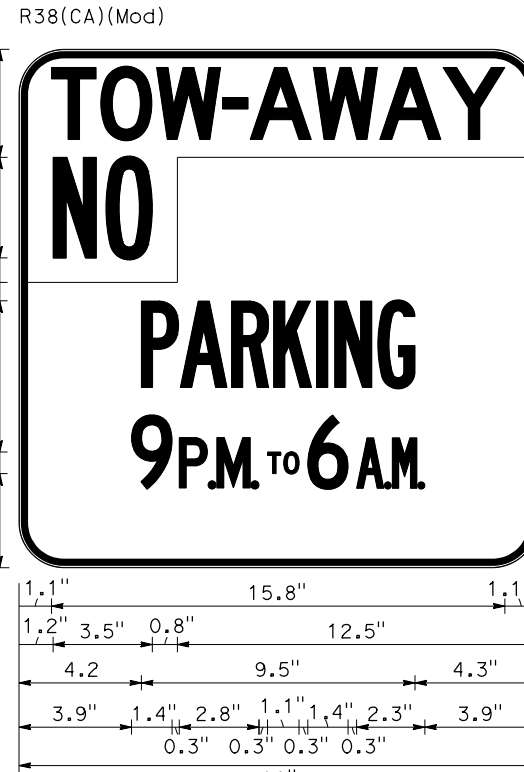
1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [ANY TIME] 2.25B; SPECIFIED LENGTH  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 0°/180°



1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [ANY TIME] 2.25B; SPECIFIED LENGTH  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 180°



- S3-28
- S3-33
- S3-37
- S3-45
- S8-19
- S8-25
- S8-36
- S9-4
- S9-12
- S9-20
- S9-29
- S10-4
- S10-17
- S10-21
- S11-56
- S11-68
- S13-11
- S13-23
- S13-34
- S13-68
- S15-26
- S16-5
- S16-12
- S16-16
- S16-23
- S21-36
- S21-42
- S21-48
- S21-54
- S22-4
- S22-26
- S22-30



- S4-19
- S5-36
- S5-42
- S6-20
- S6-36
- S6-42
- S6-46
- S7-18
- S7-30

1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [ANY TIME] 2.25B; SPECIFIED LENGTH

1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [6] 2.5C  
 [A.M.] 1.75C; 10% SPACING

**SIGN DETAILS**  
 NO SCALE

**SD-6**

STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
<b>Caltrans</b>		ALFREDO CABRERA VENTURA	SONA SEHAT
		CHECKED BY	DATE REVISED
		ALFREDO CABRERA VENTURA	
		DESIGNED BY	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA  
 CONSULTANT: SONA SEHAT  
 REVISOR: ALFREDO CABRERA VENTURA  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 DESIGNED BY: ALFREDO CABRERA VENTURA  
 DATE: 2-1-22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	118	164

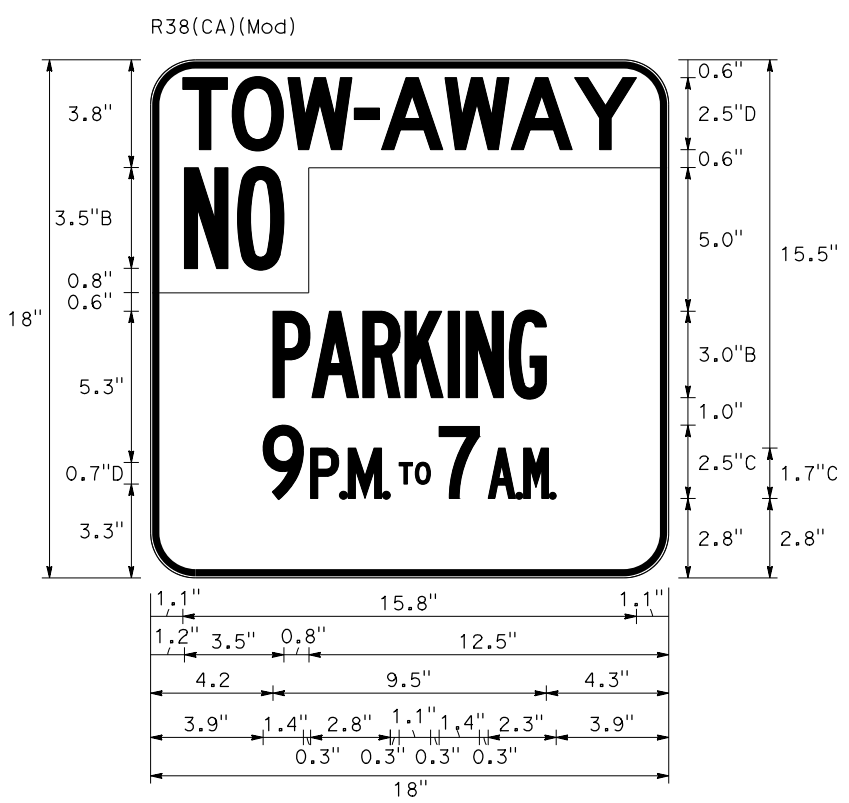
Alfredo Cabrera 2-1-22  
 REGISTERED CIVIL ENGINEER DATE  
 XX-XX-XX  
 PLANS APPROVAL DATE

ALFREDO CABRERA VENTURA  
 No. C84839  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012



1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING

- (S1-23) (S2-13) (S7-50) (S11-10)
- (S11-22) (S11-29) (S11-37) (S11-53)
- (S21-36)

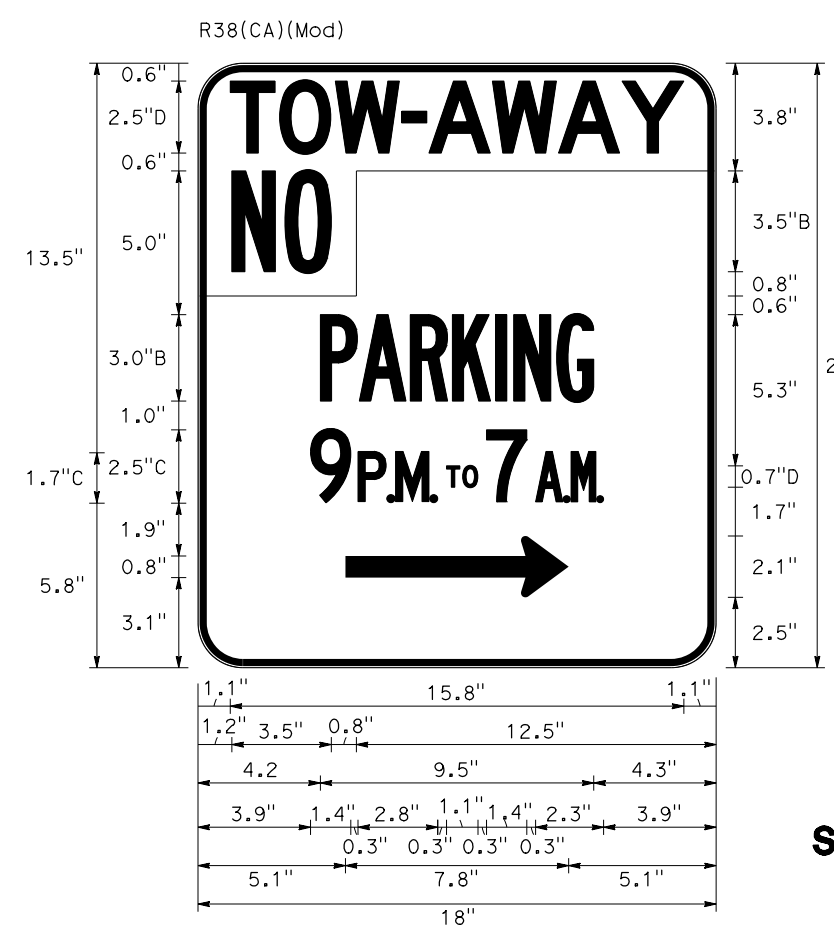
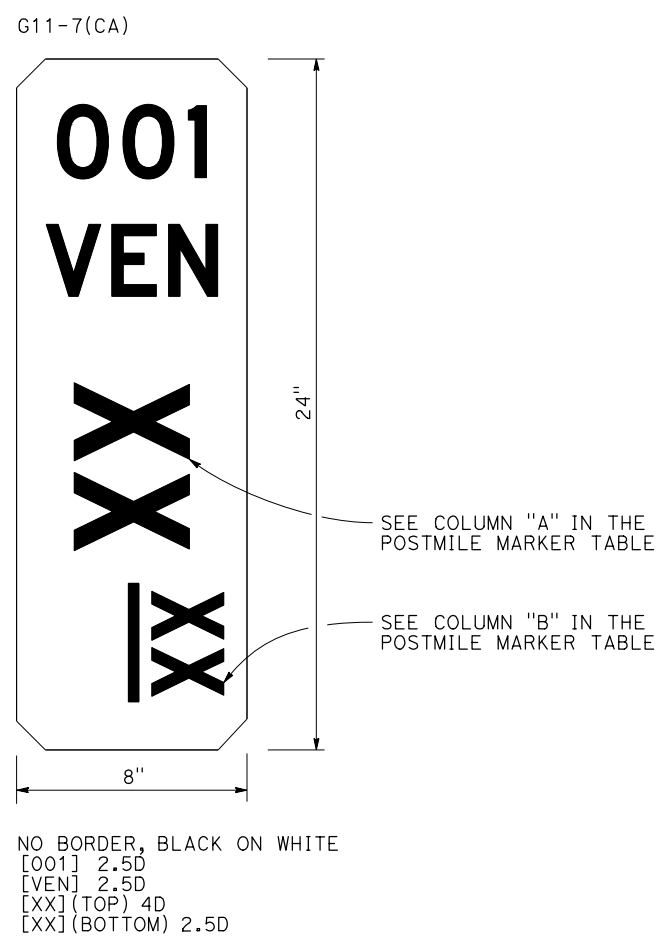


1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [6] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 180°

- (S7-38)

**POSTMILE MARKER TABLE**

SIGN ID	"A"	"B"
3-62	21	81
3-64	21	81
4-28	22	10
4-30	22	10
5-20	22	38
5-22	22	38
6-11	22	50
6-16	22	55
6-28	22	58
6-30	22	58
7-22	22	75
7-46	22	94
7-52	22	94
7-81	23	03
7-83	23	03
8-2	23	00
9-6	23	25
10-30	23	75
11-16	23	88
11-18	23	88
11-31	23	95
11-41	24	00
12-22	24	25
15-6	25	00
16-85	25	45
17-2	25	50
17-4	25	55
17-6	25	58
17-8	25	58
18-2	25	81
18-4	25	81
18-10	25	92
18-12	25	92
18-14	25	97
18-16	25	97
23-35	27	00
24-29	27	50



1.5" RADIUS, 0.25" BORDER, WHITE ON RED  
 [TOW-AWAY] 2.5D; 50% SPACING  
 [NO] 3.5B; 50% SPACING  
 1.5" RADIUS, 0.25" BORDER, RED ON WHITE  
 [PARKING] 3B; SPECIFIED LENGTH  
 [9] 2.5C  
 [P.M.] 1.75C; 10% SPACING  
 [TO] 0.75D  
 [7] 2.5C  
 [A.M.] 1.75C; 10% SPACING  
 STANDARD ARROW CUSTOM 7.7" X 2.1" 0°

- (S7-39)

**SIGN DETAILS**

NO SCALE

**SD-7**













































Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	138	164

Alfredo Cabrera 2-1-22  
 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.

JACOBS 2600 MICHELSON DRIVE SUITE 500 IRVINE, CA 92612	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

### ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE		POST SIZE INFORMATION								ROADSIDE SIGN		METAL (ROADSIDE SIGN)	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	INSTALL SIGN (MAST-ARM HANGER METHOD)	RELOCATE SIGN PANEL	TREATED WOOD WASTE	REMOVE ROADSIDE SIGN	REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	REMOVE ROADSIDE SIGN (WOOD POST)	REMOVE ROADSIDE SIGN (METAL POST)	SIGN FACING MATERIAL				PREMIUM GRAFFITI FILM	FURNISH SINGLE SHEET ALUMINUM SIGN																		
			Horiz	Vert	D	C	E	Min POST LENGTH		4" x 4"	4" x 6"	6" x 6"	6" x 8"	ONE POST										TWO POST	SINGLE FACED	BACK-GROUND			LEGEND		0.063" UNFRAMED	0.063" FRAMED	0.080" UNFRAMED	0.080" FRAMED													
								LF	RF																	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		SHEETING COLOR	RETROREFLECTIVE ASTM TYPE					SQFT	SQFT	SQFT	SQFT									
			IN	IN	LF	LF	LF	L+	R+	EA	EA	LB	EA	EA										EA	EA	EA	EA		EA	EA	EA	EA	EA	EA	EA	EA	EA										
	S13-84	W16-9P	30	18																		X	YELLOW	XI	BLACK	NON	X	3.8																			
	S13-85	R28(CA)(BOTH)	12	18								1		37.6								1	X	WHITE	VIII	RED	XI	X	1.5																		
S-14	S14-1	R30(CA)(Mod)	E	E																																											
	S14-2	R30(CA)(Mod)	12	18																		1	X	WHITE	VIII	RED	XI	X	1.5																		
	S14-3	R30(CA)(Mod)	E	E																																											
	S14-4	R30(CA)(Mod)	12	18																		1	X	WHITE	VIII	RED	XI	X	1.5																		
	S14-5	R81(CA)	E	E																																											
	S14-6	M6-3	E	E																																											
	S14-7	R81(CA)	24	18																		X	WHITE	VIII	BLACK	NON	X	3.0																			
	S14-8	M6-3	12	9	2.3	7.0	3.5	12.8			1		1					44.9				X	WHITE	VIII	BLACK	NON	X	0.8																			
	S14-9	R30(CA)(Mod)	E	E																																											
	S14-10	R30(CA)(Mod)	12	18																		1	X	WHITE	VIII	RED	XI	X	1.5																		
	S14-11	R2-1(45)	E	E																																											
	S14-12	R28(CA)(BOTH)	E	E																																											
	S14-13	R2-1(45)	36	48																		X	WHITE	VIII	BLACK	NON	X	12.0																			
	S14-14	R28(CA)(BOTH)	12	18	5.5	7.0	4.5	17.0			1		1					94.1				X	WHITE	VIII	RED	XI	X	1.5																			
	S14-15	R26(CA)	E	E																																											
	S14-16	R26(CA)	12	18																		1	X	WHITE	VIII	RED	XI	X	1.5																		
S-15	S15-1	R2-1(45)	E	E																																											
	S15-2	R2-1(45)	36	48	4.0	7.0	3.5	14.5			1		1					51.1				X	WHITE	VIII	BLACK	NON	X	12.0																			
	S15-3	R30(CA)(Mod)	E	E																																											
	S15-4	R30(CA)(Mod)	12	18																		1	X	WHITE	VIII	RED	XI	X	1.5																		
	S15-5	G11-7(CA)	E	E																																											
	S15-6	G11-7(CA)	8	24																		1	X	WHITE	VIII	BLACK	NON	X	1.4																		
	S15-7	R30(CA)(Mod)	E	E																																											
	S15-8	R30(CA)(Mod)	12	18																		1	X	WHITE	VIII	RED	XI	X	1.5																		
	S15-9	EM1-C(CA)	E	E																																											
	S15-10	EM1-C(CA)	18	24																		1	X	WHITE	VIII	BLUE	XI	X	3.0																		
	S15-11	R30(CA)(Mod)	E	E																																											
	S15-12	R30(CA)(Mod)	12	18																		1	X	WHITE	VIII	BLUE	XI	X	1.5																		
	S15-13	R4-1	E	E																																											
	S15-14	R4-1	36	48	4.0	7.0	4.5	15.5			1		1					85.8				X	WHITE	VIII	BLACK	NON	X	12.0																			
	S15-15	R26(CA)	E	E																																											
	S15-16	R81B(CA)	E	E																																											
SHEET SUBTOTAL												5		265.8														275.9																			

**SIGN QUANTITIES**  
NO SCALE

**SQ-20**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
  
 CONSULTANT: ALFREDO CABRERA VENTURA  
 SUPERVISOR: ALFREDO CABRERA VENTURA  
 CHECKED BY: ALFREDO CABRERA VENTURA  
 DESIGNED BY: NICHOLAS KRULA  
 REVISIONS: REVISOR: ALFREDO CABRERA VENTURA, DATE: 2-1-22

LAST REVISION: 00-00-00  
 DATE PLOTTED => 31-JAN-2022  
 TIME PLOTTED => 11:57





































**ROADSIDE SIGN QUANTITIES**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	155	164

*Alfredo Cabrera* 2-1-22  
 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.

JACOBS  
 2600 MICHELSON DRIVE  
 SUITE 500  
 IRVINE, CA 92612

CALTRANS DISTRICT 7  
 100 S. MAIN STREET  
 SUITE 100  
 LOS ANGELES, CA 90012

	ROADSIDE SIGN		METAL (ROADSIDE SIGN)	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	INSTALL SIGN (MAST-ARM HANGER METHOD)	RELOCATE SIGN PANEL	TREATED WOOD WASTE	REMOVE ROADSIDE SIGN	REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	REMOVE ROADSIDE SIGN (WOOD POST)	REMOVE ROADSIDE SIGN (METAL POST)	SIGN FACING MATERIAL				PREMIUM GRAFFITI FILM	FURNISH SINGLE SHEET ALUMINUM SIGN				
	ONE POST	TWO POST										SINGLE FACED	BACK-GROUND		LEGEND		0.063" UNFRAMED	0.063" FRAMED	0.080" UNFRAMED	0.080" FRAMED	
													SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR						RETROREFLECTIVE ASTM TYPE
SQ-1 SHEET SUBTOTAL	3		169.3			5	43.8			1	6					17.3					
SQ-2 SHEET SUBTOTAL	7	2	253.8			7					9					24.5					
SQ-3 SHEET SUBTOTAL	11	1	276.6			4	306.3			3	10					46.7			31.5		
SQ-4 SHEET SUBTOTAL	9		277.4			5	80.2			1	11					18.6		13.5			
SQ-5 SHEET SUBTOTAL			349.6			6					14					21.6					
SQ-6 SHEET SUBTOTAL			349.6			6					14					21.6					
SQ-7 SHEET SUBTOTAL	1		296.2			4	45.8			1	12					34.7					
SQ-8 SHEET SUBTOTAL	2		271.6			4	85.8			1	11					22.7					
SQ-9 SHEET SUBTOTAL	1		251.2			6					11					22.5					
SQ-10 SHEET SUBTOTAL		1	221.6			4	91.3	1		1	9					17.9			24.5		
SQ-11 SHEET SUBTOTAL			307.0			3					12					25.4					
SQ-12 SHEET SUBTOTAL	1	1	254.9			6	125.3			2	10					20.4	19.3				
SQ-13 SHEET SUBTOTAL			286.4			5					11					21.8					
SQ-14 SHEET SUBTOTAL	1		277.5			3	88.5				10					36.1					
SQ-15 SHEET SUBTOTAL	3		245.3			4	254.5			3	11					44.8		13.5			
SQ-16 SHEET SUBTOTAL		1	139.0			2	52.8			1	5					27.0	27.0				
SQ-17 SHEET SUBTOTAL	5		228.2			1	431.3			5	9					45.2					
SQ-18 SHEET SUBTOTAL	1		137.1	12	2	2	88.5				5					92.5					
SQ-19 SHEET SUBTOTAL	2		133.5	9	2	2	160.4				5					66.6					
SQ-20 SHEET SUBTOTAL	5		265.8				275.9			4	10					61.5					
SQ-21 SHEET SUBTOTAL			299.4			6					10					21.4					
SQ-22 SHEET SUBTOTAL	2		241.2			7	226.1			2	9					26.9	13.8				
SQ-23 SHEET SUBTOTAL	2	1	197.7			4	318.1			2	7					28.0	40.8				
SQ-24 SHEET SUBTOTAL	1		297.7								16					24.4					
SQ-25 SHEET SUBTOTAL	12		329.8				76.1			1	12					26.6					
SQ-26 SHEET SUBTOTAL	3		251.8			7					9					26.6					
SQ-27 SHEET SUBTOTAL	8	1	217.1			7	328.0			4	8					16.7	13.8	13.5	31.5		
SQ-28 SHEET SUBTOTAL	3		265.7			5	94.1			1	10					43.1		8.0			
SQ-29 SHEET SUBTOTAL	4		240.3			5	225.0			4	9					41.3		10.0			
SQ-30 SHEET SUBTOTAL	3		235.4	3		3	42.3		3	1	9					29.9			73.0		
SQ-31 SHEET SUBTOTAL	7	1					840.9			8						51.0		28.0			
SQ-32 SHEET SUBTOTAL	5	2	189.3			3	471.0		3	6	7					28.4	19.3		24.5		
SQ-33 SHEET SUBTOTAL	4		97.7	3			116.5			2	4					59.9		18.0			
SQ-34 SHEET SUBTOTAL	7	1	52.9	5			606.9		5	7	2					51.6		14.0			
SQ-35 SHEET SUBTOTAL	5		267.0				386.0			5	10					49.0					
SQ-36 SHEET SUBTOTAL	3		98.9				119.8			2	3					22.1			22.5		
GRAND TOTAL	121	13	8,273.5	32	4	126	5,981.2	1	11	68	320					1,236.3	134.0	118.5	207.5		

**SIGN QUANTITIES**  
 NO SCALE

**SQ-37**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

**Caltrans**

CONSULTANT - FUNCTIONAL SUPERVISOR: ALFREDO CABRERA VENTURA

CHECKED BY: ALFREDO CABRERA VENTURA

DESIGNED BY: NICHOLAS KRULA

REVISOR: ALFREDO CABRERA VENTURA

DATE REVISED: [ ]

LAST REVISION DATE PLOTTED => 31-JAN-2022  
 00-00-00 TIME PLOTTED => 11:58

**PAVEMENT QUANTITY**

SHEET NUMBER	STATION	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TACK COAT	COLD PLANE ASPHALT CONCRETE PAVEMENT	SHOULDER BACKING	ASPHALTIC EMULSION (FOG SEAL COAT)	ROADWAY EXCAVATION
		TON	TON	SQYD	TON	TON	CY
L-1	28+00 TO 1130+50	259	1		8		
L-2	1130+50 TO 1144+50	362	2	634		5	
L-3	1144+50 TO 1158+60	679	3	313	22	24	
L-4	1158+60 TO 1172+50	609	3	321	39	29	
L-5	1172+50 TO 1187+60	602	3	322	39	24	
L-6	1187+60 TO 1202+50	600	3	327	40	43	
L-7	1202+50 TO 1216+90	610	3	325	40	37	
L-8	1216+90 TO 1231+50	763	4	325	40	21	
L-9	1231+50 TO 1246+20	622	3	327	40	26	
L-10	1246+20 TO 1260+50	786	4	326	40	13	
L-11	1260+50 TO 1275+60	686	3	323	40	11	
L-12	1275+60 TO 1290+40	872	4	328	40	2	
L-13	1290+40 TO 1305+40	871	4	154	61		20
L-14	1305+40 TO 1319+60	899	4	324	33		
L-15	1319+60 TO 1334+40	896	4	327	40	5	
L-16	1334+40 TO 1349+50	700	3	336	40	28	
L-17	1349+50 TO 1363+80	582	3	323	39	29	
L-18	1363+80 TO 1378+40	592	3	327	40	29	
L-19	1378+40 TO 1393+20	590	3	327	40	28	
L-20	1393+20 TO 1407+80	587	3	324	40	27	
L-21	1407+80 TO 1422+50	605	3	328	38	12	
L-22	1422+50 TO 1436+90	726	3	321	19	3	
L-23	1436+90 TO 1450+90	635	3	312	38	19	
L-24	1450+90 TO 1465+00	729	3	5189	13	13	
L-25	1465+00 TO 1477+60	753	4	1132	30	1	
L-26	1477+60 TO 1491+20	782	4	304	37		
L-27	1491+20 TO 1501+50	472	2	189	23		
Total		17868	82	14088	921	426	20

**TEMPORARY WATER POLLUTION CONTROL QUANTITY**

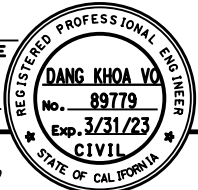
	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY FIBER ROLL
	EA	LF
	40	12000
TOTAL	40	12000

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	156	164

REGISTERED CIVIL ENGINEER DATE

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.



**SUMMARY OF QUANTITIES**  
 NO SCALE  
**Q-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**DESIGN C**  
 FUNCTIONAL SUPERVISOR  
 TEGEGNE, YESSUF M  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 DANG KHOA VO  
 VORREITER BARNEY  
 REVISED BY  
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	01	21.3 - 28.4	157	164

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 PLANS APPROVAL DATE \_\_\_\_\_

**DANG KHOA VO**  
 No. 89779  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

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.

**GUARDRAIL AND CONCRETE BARRIER QUANTITY**

NO.	DIRECTION	LOCATION	PLAN SHEET NO.	STATION	REMOVE GUARDRAIL	TREATED WOOD WASTE	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	MIDWEST GUARDRAIL SYSTEM (SPECIAL POST FOOTING)	ALTERNATIVE IN-LINE TERMINAL SYSTEM	VEGETATION CONTROL MAT (RUBBER OR FIBER)	OBJECT MARKER (TYPE L-1)	GUARD RAILING DELINEATOR	TRANSITION RAILING (TYPE WB-31)	CONCRETE BARRIER (TYPE 60MS)	CRASH CUSHION (REACT 9SCBS)
					LF	LB	LF	LF	EA	SOYD	EA	EA	EA	LF	EA
1	SB	L-1		28+10.00 TO 1126+40.00	103	1442		60	2	60	1	7			
2	SB	L-2 & L-3		1142+62.91 TO 1150+06.83	804	11256	730		1	360	1	33	1		
3	SB	L-7		1215+09.34 TO 1216+79.26	90	1260	50		2	75	2	6			
4	NB	L-8		1227+46.90 TO 1229+40.00	69	966	50		2	63	2	6			
5	NB	L-9		1238+60.00 TO 1240+51.00	64	896	50		2	61	2	6			
6	SB	L-10		1250+23.00 TO 1252+13.66	64	896	50		2	81	2	6			
7	NB	L-10		1249+21.00 TO 1251+20.00	65	910	63		2	44	2	7			
8	NB	L-11		1264+53.00 TO 1266+43.00	70	980	50		2	44	2	7			
9	NB	L-12		1278+08.00 TO 1279+98.00	65	910	50		2	52	2	7			
10	NB	L-13		1293+85+00 TO 1295+45.00	65	910	50		2	73	2	7			
11	NB	L-14		1313+28.00 TO 1314+90.00	61	854	50		2	55	2	7			
12	SB	L-16		1335+74.00 TO 1340+09.00	587	8218	325		2	122	2	18			
13	SB	L-16		1340+65.00 TO 1348+27.00	761	10654	662		2	220	2	31			
14	NB	L-16		1342+45.00 TO 1344+45.00	81	1134	50		2	55	2	7			
15	SB	L-22		1433+19.00 TO 1455+61.00	2251	31514	2151		2	751	2	91			
16	SB	L-24		1456+18.00 TO 1457+91.00	174	2436	74		2	78	2	7			
17	SB	L-24		1459+23.00 TO 1464+10.00	441	6174	350		2	160	2	18			
18	NB	L-24		1457+90.00 TO 1463+60.00	526	7364	425		2	260	2	22			
19	NB	L-25		1468+46.00 TO 1470+27.00	26	364					6			150	2
20	NB	L-25		1474+99.00 TO 1475+66.00	68	952									
21	NB	L-26		1489+97.00 TO 1491+66.00	52	728	50		2	62	2	7			
22	NB	L-27		1494+53.00 TO 1495+18.00	65	910									
23	NB	L-27		1498+86.00 TO 1499+51.00	65	910									
<b>TOTAL</b>					<b>6617</b>	<b>92638</b>	<b>5280</b>	<b>60</b>	<b>37</b>	<b>2676</b>	<b>42</b>	<b>300</b>	<b>1</b>	<b>150</b>	<b>2</b>

**DIKE AND CURB QUANTITY**

SHEET NUMBER	STATION	HOT MIX ASPHALT (TYPE A)	PLACE HOT MIX ASPHALT DIKE (TYPE C)	REMOVE ASPHALT CONCRETE DIKE	CHANNELIZER (SURFACE MOUNTED)	MINOR CONCRETE (CURB)	MINOR CONCRETE (CURB)	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	REMOVE SLOPE PAVING
		TON	LF	LF	EA	LF	CY	CY	LS
L-2	1130+60 TO 1144+50	5	631	631	66				
L-13	FOR PHB POLE LOCATION					60	2	3	1

**SUMMARY OF QUANTITIES**  
 NO SCALE  
**Q-2**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	159	164

REGISTERED CIVIL ENGINEER DATE 2-1-22  
ALEXANDER ZUPANSKI No. C59351 Exp. 6-30-23 CIVIL  
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.

FPL AND ASSOCIATES, INC. 30 CORPORATE PARK, SUITE 401 IRVINE, CA 92606  
CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

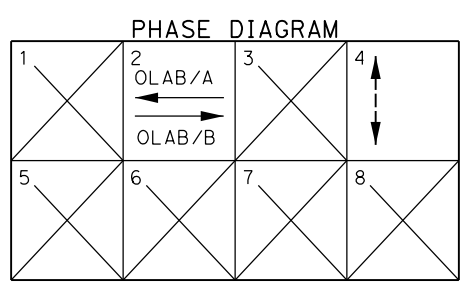
**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITIES FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
- PROVIDE A MINIMUM 48" FLAT, SQUARE AREA FOR APS ACCESSIBILITY.
- ALL NEW PEDESTRIAN SIGNAL HEADS SHALL BE LED COUNTDOWN TYPE.
- INSTALL APS AT A HEIGHT OF 42" ABOVE FINISHED GRADE.
- ALL NEW CONDUIT SHALL BE TYPE 1.
- SEE SIGN PLANS FOR SIGN DETAILS.

**LEGEND (THIS SHEET ONLY):**

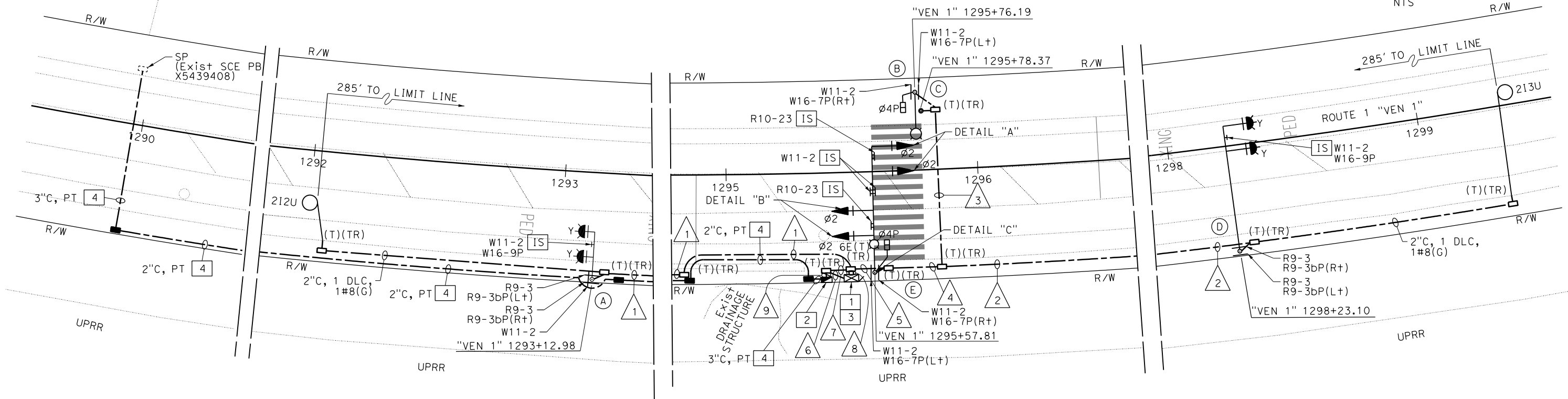
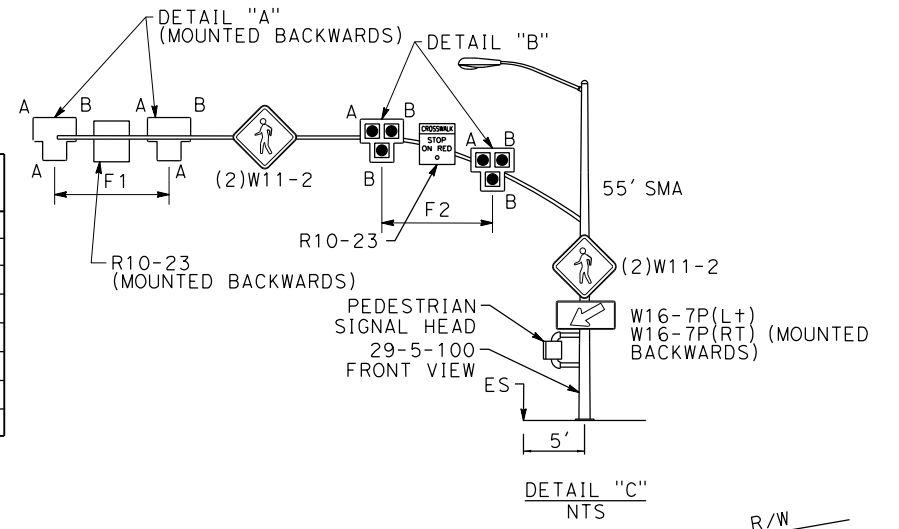
- NEW SCE HANDHOLE. SEE ED-4 FOR DETAILS.
- INSTALL DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER AND TYPE 332LS CABINET ON NEW FOUNDATION. INSTALL BBS CABINET WITH 4 BATTERIES.
- INSTALL 120/240 V TYPE III-BF SERVICE ENCLOSURE WITH TYPE V PEC AND THE FOLLOWING BREAKERS:  
100 A, 240 V, 2P CB (MAIN)  
50 A, 120 V, 1P CB (Sig)  
30 A, 240 V, 2P CB (INTERSECTION Ltg)  
15 A, 120 V, 1P CB (Ltg CONTROL)  
CTID: 07-52-001-0-112.441M  
ADDRESS: TBD
- INSTALL WIRELESS MODEM INSIDE CABINET. SEE SHEET ED-3 AND DETAIL "B" ON SHEET ED-2.
- HANDHOLE AND CONDUIT INSTALLATION BY THE CONTRACTOR. CONDUCTOR INSTALLATION BY SCE.

**ABBREVIATIONS (THIS SHEET ONLY):**  
SCE SOUTHERN CALIFORNIA EDISON COMPANY



**CONDUCTOR AND CONDUIT SCHEDULE**

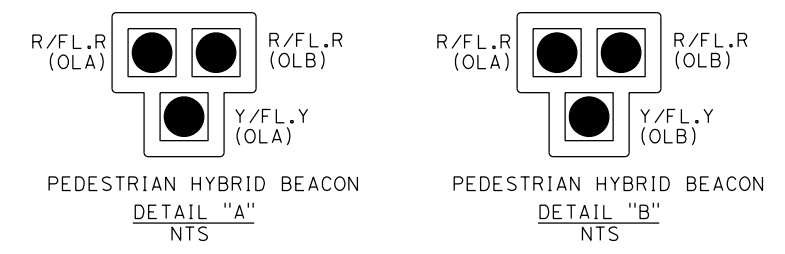
AWG OR CABLE	CONDUCTOR RUN	1	2	3	4	5	6	7	8	9
12CSC	SIGNAL	-	-	1	1	3	-	-	3	-
5CSC	FLASHING BEACON	1	1	-	1	-	-	-	2	-
3CSC	APS	-	-	1	1	2	-	-	2	-
#6	CONTROLLER POWER	-	-	-	-	-	2	-	-	2
#8	GROUND	1	1	1	1	1	1	1	2	2
#10	LIGHTING	-	-	2	2	2	-	2	-	2
DLC		1	1	-	1	1	-	-	2	-
<b>CONDUIT SIZE</b>		2"	2"	3"	3"	3"	3"	3"	2-4"	3"



**STANDARD AND EQUIPMENT SCHEDULE**

STANDARD	Veh Sig Mtg			Ped Sig		APS*		LED Lum	POLE Loc		F DISTANCE	
TYPE	SMA	LMA	∅	SMA	∅	POLE	∅	Mtg	ARROW	A	B	
A TYPE 9B	18'	-	2	2-MAT	-	-	-	-	-	PER PLAN	7'	F=10'
B 15TS	-	15'	-	-	-	-	4	SP-1-T	-	PER PLAN	13'	-
C PBA POST	-	-	-	-	-	-	-	-	4	PER PLAN	5.5'	-
D 28-5-100	55'	-	2	2-MAT	-	-	-	-	-	PER PLAN	7'	F=10'
E 29-5-100	55'	15'	2	4-MAS-3A	-	-	4	SP-1-T	4	PER PLAN	5'	F1=10', F2=10'

\* = TOUCH-FREE APS SYSTEM WITH R10-3J(CA) SIGN (9"X12").



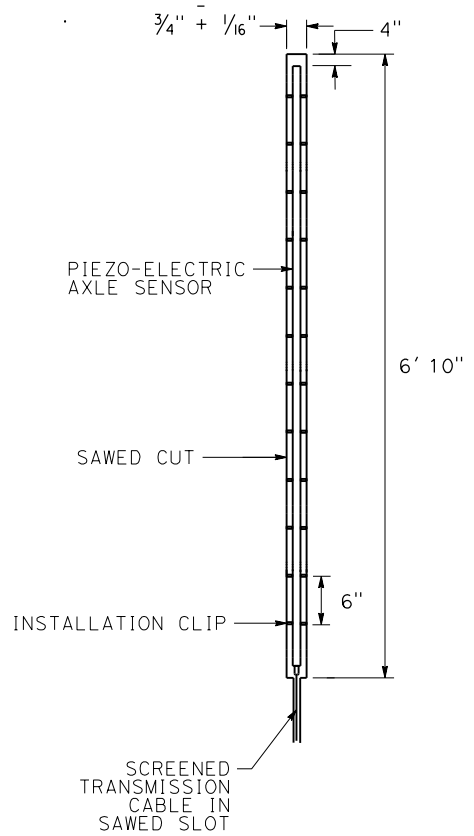
**PEDESTRIAN HYBRID BEACON SYSTEMS**

SCALE: 1" = 20'

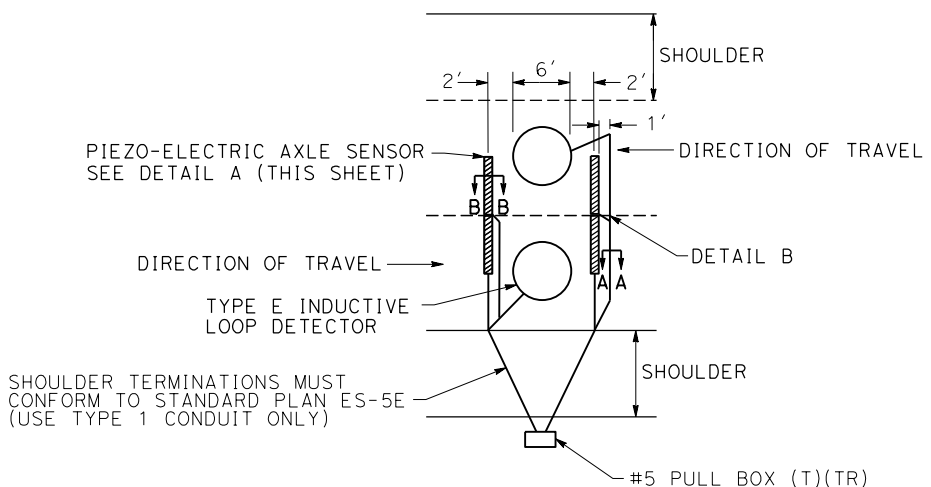
APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
ALEX ZUPANSKI  
TIFFANY LUONG  
HENRY TRINH  
REVISOR BY DATE  
CALCULATED/DESIGNED BY CHECKED BY

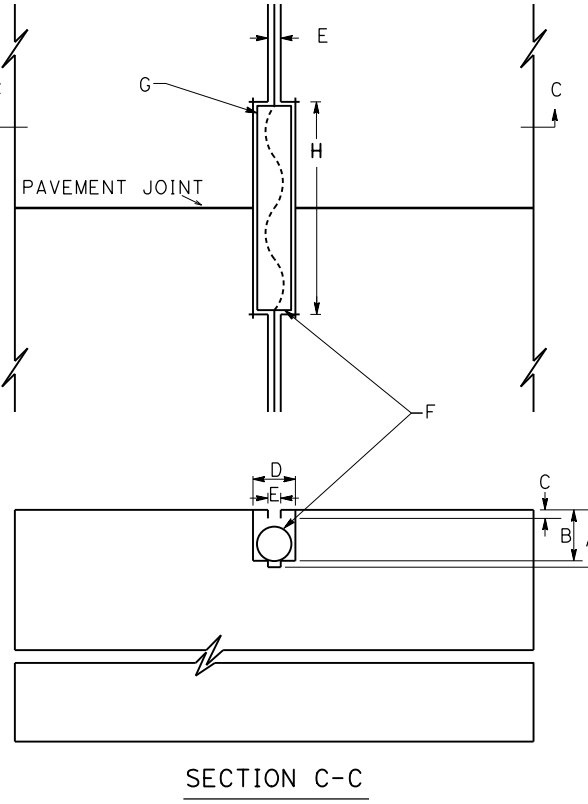
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	160	164
REGISTERED CIVIL ENGINEER			DATE	2-1-22	
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>			FPL AND ASSOCIATES, INC. 30 CORPORATE PARK, SUITE 401 IRVINE, CA 92606		
			CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012		



**DETAIL A**



**TYPICAL AXLE SENSOR INSTALLATION**



**DETAIL B**

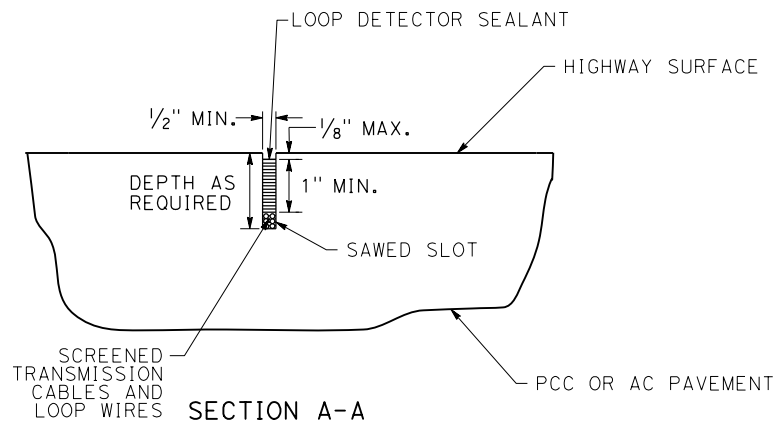
**(TYPICAL LEAD-IN AT PAVEMENT JOINT)**

**NOTES (FOR DETAIL B THIS SHEET):**

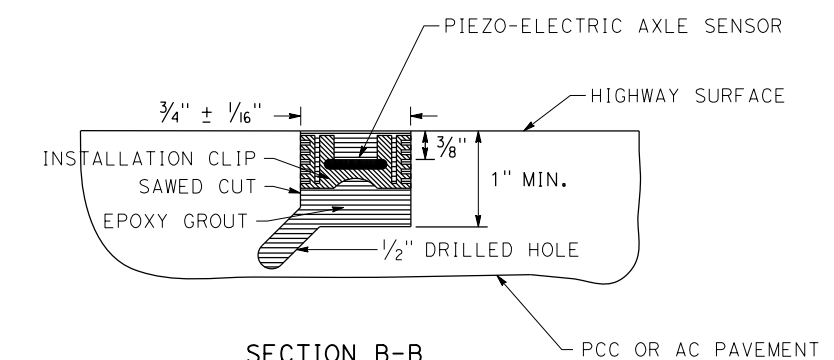
- A. SAW CUT DEPTH TO ACCOMODATE SPECIFIED NUMBER OF CONDUCTORS WITH A MINIMUM OF 1" FROM TOP OF WIRE TO PAVEMENT SURFACE (3-1/4" MAX.).
- B. SLOT SAW-CUT DEPTH TO ACCOMODATE 1" TYPE 3 CONDUIT WITH 1/2" MINIMUM FROM TOP OF CONDUIT TO PAVEMENT SURFACE.
- C. 1/2" MINIMUM BETWEEN TOP OF CONDUIT AND PAVEMENT SURFACE.
- D. SAW-CUT WIDTH TO ACCOMODATE 1" TYPE 3 CONDUIT WITH 1/8" CLEARANCE.
- E. SAW-CUT 1/2" WIDE.
- F. 1" TYPE 3 CONDUIT, 6" LONG. PLUG BOTH ENDS WITH CAULKING COMPOUND TO KEEP OUT EPOXY.
- G. CONDUCTORS WITH 1/2" MINIMUM SLACK INSIDE CONDUIT.
- H. SAW-CUT LENGTH OF SLOT 1/8" LONGER THAN CONDUIT.

**AXLE SENSOR INSTALLATION PROCEDURE**

1. MARK THE POSITION OF THE AXLE SENSORS AS DIRECTED BY THE ENGINEER. AXLE SENSOR CHANNELS MUST BE PERPENDICULAR TO TRAFFIC.
2. MARK THE POSITION OF THE LOOP DETECTORS. THE DETECTORS MUST BE CENTERED IN THE LANE AND BETWEEN THE AXLE SENSORS.
3. MARK THE HOME RUN CUTS AS SHOWN IN THE AXLE SENSOR INSTALLATION DETAIL.
4. USING A CONCRETE SAW CUT THE AXLE SENSOR CHANNELS 3/4" WIDE BY 1" DEEP IN A SINGLE PASS. CUTS MUST BE STRAIGHT AND TRUE.
5. CUT THE LOOP DETECTORS AND HOME RUNS IN ACCORDANCE WITH CALTRANS SPECIFICATIONS.
6. DRILL 1/2" HOLES, 1" DEEP, AT A 45 DEGREE ANGLE AT THE BOTTOM CORNERS OF EACH AXLE SENSOR CHANNEL. HOLES MUST BE 1' APART AND ON ALTERNATING SIDES OF THE CHANNEL.
7. WASH OUT THE CHANNELS AND ALL SAW CUTS THOROUGHLY WITH HIGH PRESSURE WATER. DRY COMPLETELY WITH AN AIR COMPRESSOR. IN PCC PAVEMENT ONLY, WIPE OUT THE CHANNELS WITH LACQUER THINNER AND CLEAN COTTON RAGS.
8. PLACE 4" DUCT TAPE STRIPS ON THE PAVEMENT AROUND THE CHANNELS.
9. ENSURE THAT EACH SENSOR IS STRAIGHT AND FLAT. BEND EACH END DOWN SLIGHTLY AND PLACE THE INSTALLATION CLIPS ON THE SENSOR.
10. BLOCK OFF THE CABLE END OF THE CHANNEL WITH DUCT SEAL TO PREVENT THE GROUT FLOWING OUT OF THE CHANNEL.
11. INSERT SENSOR EPOXY CARTRIDGE INTO CAULKING GUN. ATTACH STATIC MIXING TUBE ONTO CARTRIDGE.
12. WHILE WEARING PROTECTIVE GLOVES, HALF FILL THE CHANNEL WITH SENSOR EPOXY. ENSURE THAT THE BOTTOM OF THE CHANNEL IS COMPLETELY COVERED, AND THAT THE HOLES DRILLED IN STEP 6 ARE FILLED.
13. PLACE THE SENSOR IN THE CHANNEL WITH THE BRASS ELEMENT 3/8" BELOW THE ROAD SURFACE, WITH NO VOIDS BENEATH THE SENSOR.
14. COMPLETELY FILL THE CHANNEL WITH SENSOR EPOXY. SMOOTH OUT THE EPOXY ON TOP OF THE SENSOR TO ROAD LEVEL, WITH NO TROUGH ON TOP.
15. WHEN SENSOR EPOXY HAS BEGUN TO SET, REMOVE THE DUCT TAPE FROM THE PAVEMENT. REMOVE THE DUCT SEAL FROM THE END OF THE CHANNEL.
16. INSTALL THE LOOP DETECTORS AS PER CALTRANS SPECIFICATIONS.
17. INSTALL ALL LEAD-IN CABLES IN THE HOME RUN SLOTS, INSTALLING TYPE 3 CONDUIT AT THE EXPANSION JOINT CROSSINGS. PULL CABLES THROUGH STUB-OUT CONDUIT AND COIL IN PULL BOX.
18. SEAL ALL SAW CUTS. ELASTOMERIC SEALANT ONLY MUST BE USED IN ALL CUTS CONTAINING SCREENED TRANSMISSION CABLE.
19. REMOVE ANY HIGH SPOTS IN THE SENSOR EPOXY WITH A HAND GRINDER.
20. CLEAN UP THE SITE. WHEN ALL SEALANTS ARE COMPLETELY CURED, LANES MAY BE OPENED TO TRAFFIC.



**SECTION A-A**



**SECTION B-B**

**ELECTRICAL SYSTEMS DETAILS**  
NO SCALE

APPROVED FOR ELECTRICAL WORK ONLY

**ED-1**

STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR
		ALEX ZUPANSKI	TIFFANY LUONG
			HENRY TRINH
		CHECKED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	161	164

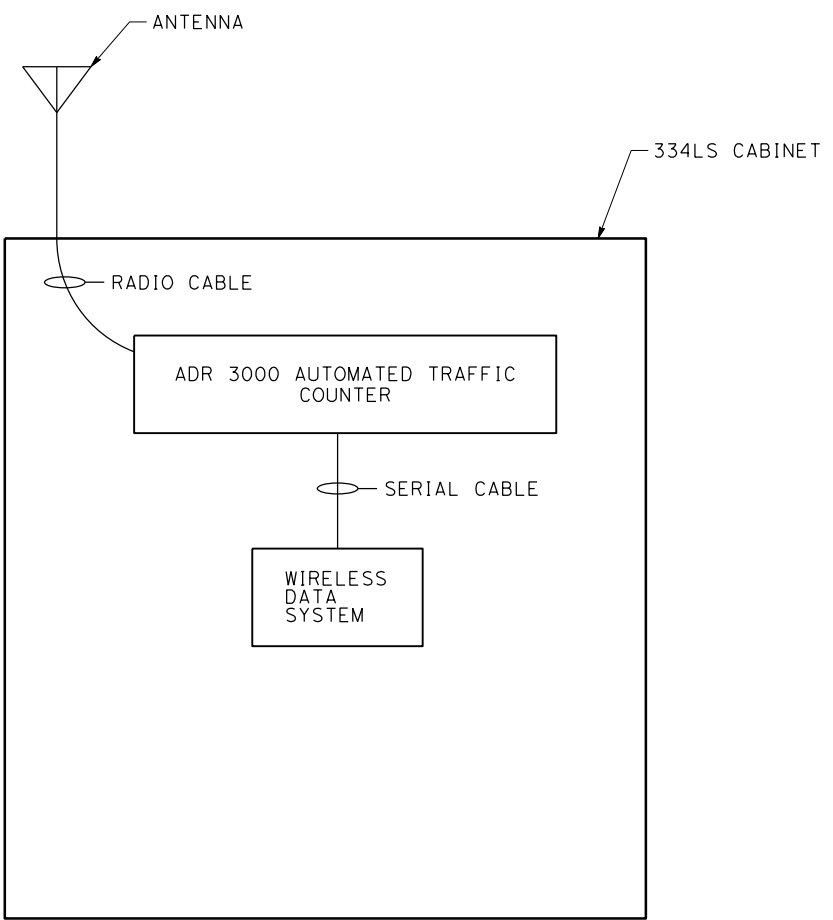
REGISTERED CIVIL ENGINEER *[Signature]* DATE 2-1-22  
 PLANS APPROVAL DATE \_\_\_\_\_

REGISTERED PROFESSIONAL ENGINEER  
 ALEXANDER ZUPANSKI  
 No. C59351  
 Exp. 6-30-23  
 CIVIL  
 STATE OF CALIFORNIA

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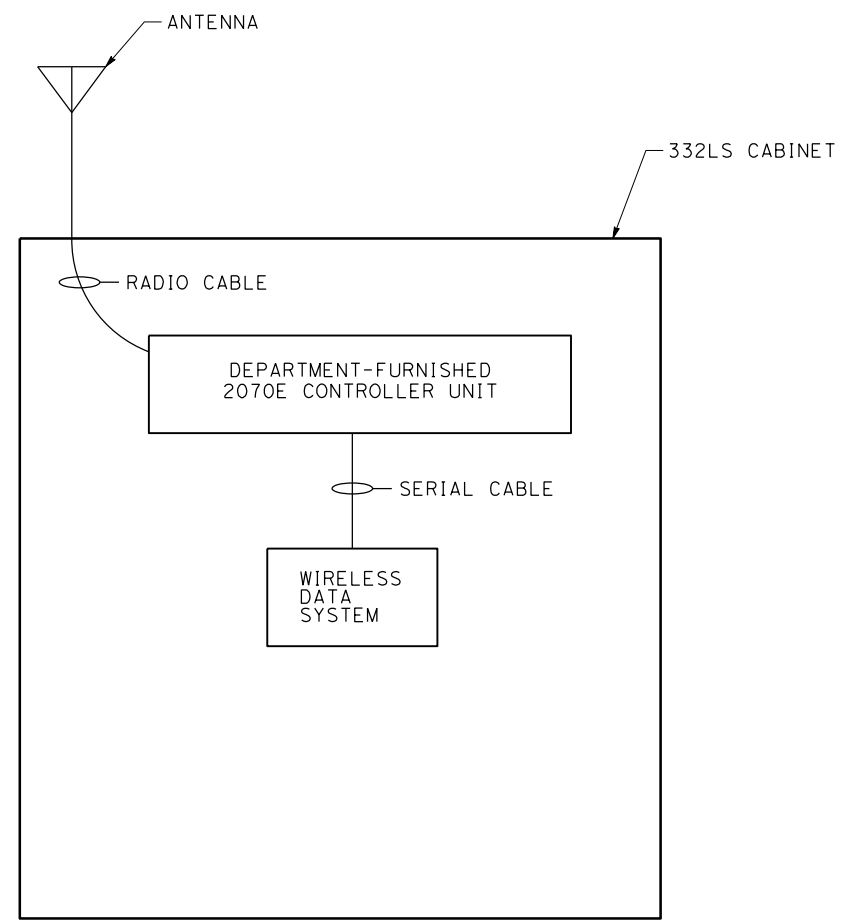
FPL AND ASSOCIATES, INC. 30 CORPORATE PARK, SUITE 401 IRVINE, CA 92606	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012
---	---

ABBREVIATION:  
ADR AUTOMATIC DATA RECORDER



**TYPICAL MODEL 334LS CONTROLLER  
CABINET WIRING DETAIL**

**DETAIL A**



**TYPICAL MODEL 332LS CONTROLLER  
CABINET WIRING DETAIL**

**DETAIL B**

**ELECTRICAL SYSTEMS DETAILS**  
NO SCALE

**ED-2**

APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
<b>Caltrans</b>	ALEX ZUPANSKI	CHECKED BY	TIFFANY LUONG	2-1-22
			HENRY TRINH	

LAST REVISION | DATE PLOTTED => 2/1/2022 | 00-00-00 | TIME PLOTTED => 11:37:52 AM



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	162	164

REGISTERED CIVIL ENGINEER	DATE
<i>Alexander Zupanski</i>	2-1-22

PLANS APPROVAL DATE	
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FPL AND ASSOCIATES, INC. 30 CORPORATE PARK, SUITE 401 IRVINE, CA 92606	CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

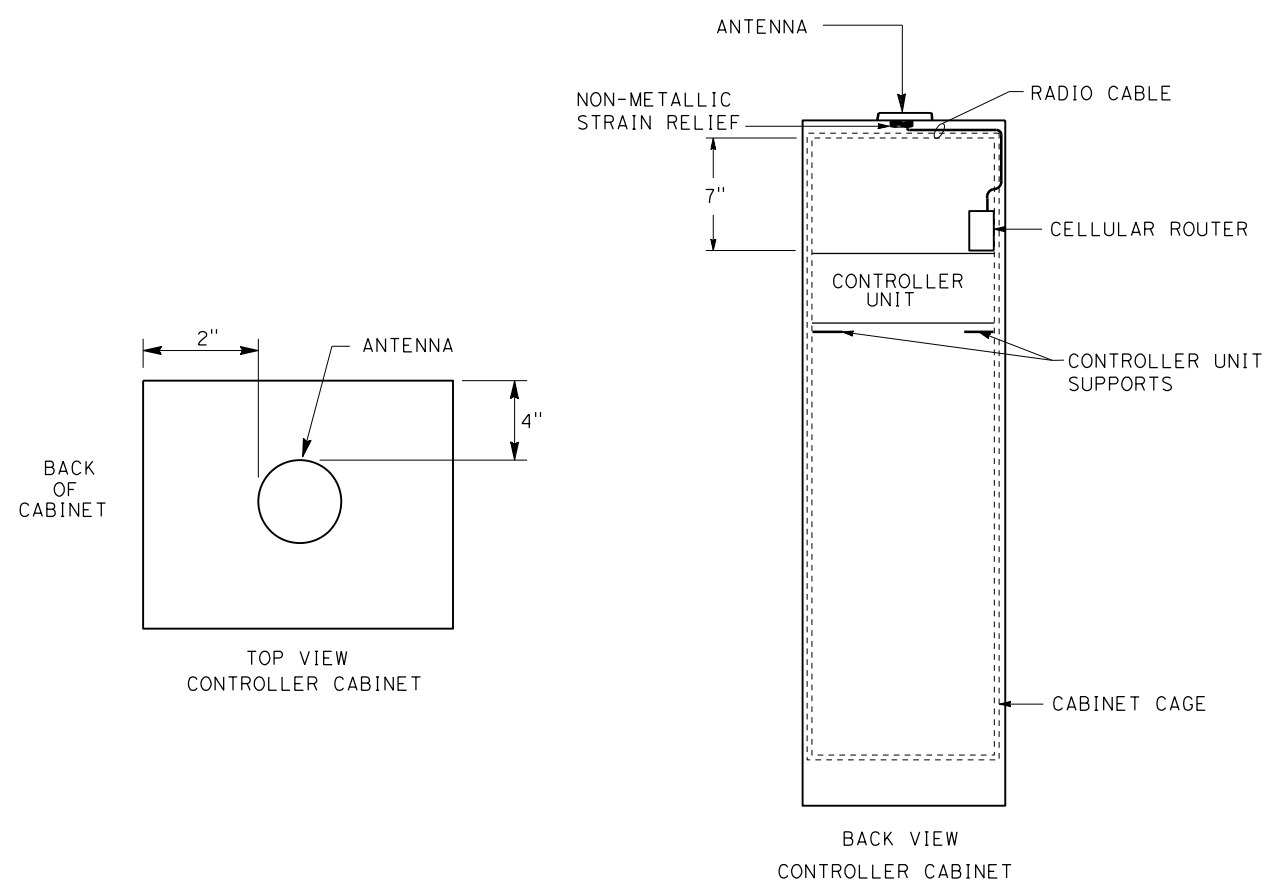
**NOTES:**

1. PROVIDE CELLULAR ROUTER TO ENGINEER FOR CONFIGURATION BEFORE FIELD INSTALLATION BEGINS.

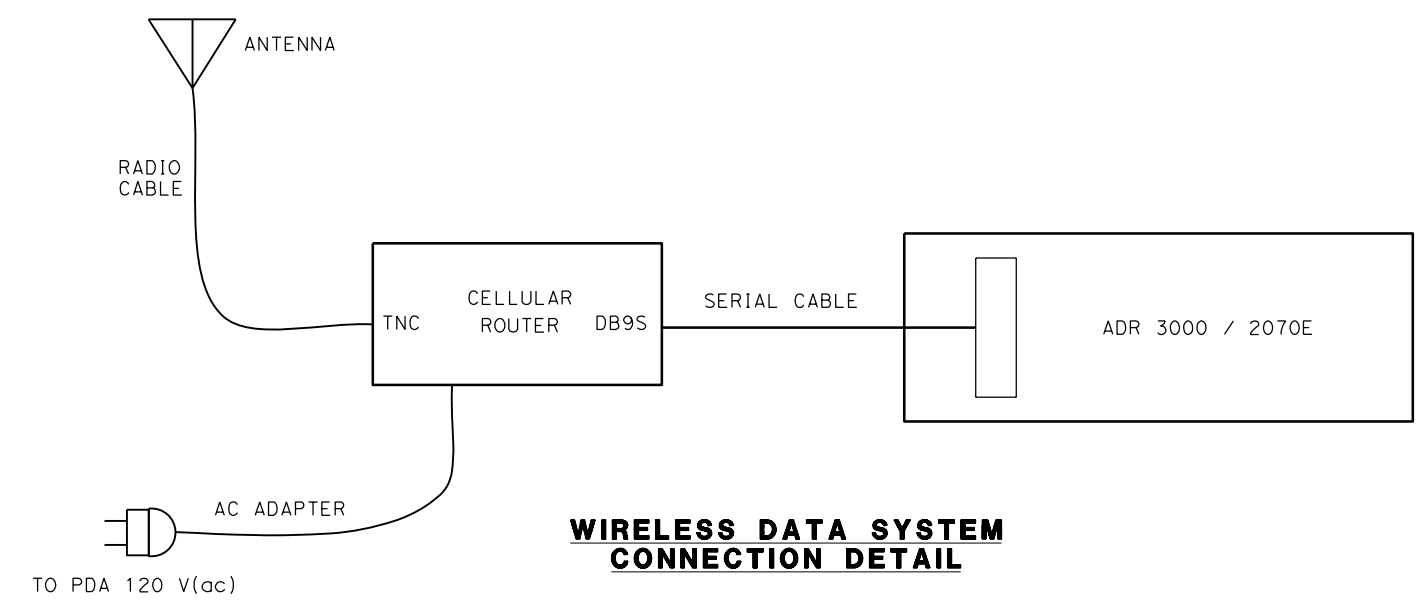
**ABBREVIATION:**

- PDA POWER DISTRIBUTION ASSEMBLY  
 ADR AUTOMATIC DATA RECORDER  
 TNC THREADED NEILL-CONCELMAN CONNECTOR

DESIGNED BY	TIFFANY LUONG
CHECKED BY	HENRY TRINH
CALCULATED-DESIGNED BY	
CHECKED BY	
CONSULTANT FUNCTIONAL SUPERVISOR	ALEX ZUPANSKI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	



**WIRELESS DATA SYSTEM  
PLACEMENT DETAILS**



**WIRELESS DATA SYSTEM  
CONNECTION DETAIL**

**ELECTRICAL SYSTEMS DETAILS**

NO SCALE

**ED-3**

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	163	164

REGISTERED CIVIL ENGINEER DATE 2-1-22

PLANS APPROVAL DATE

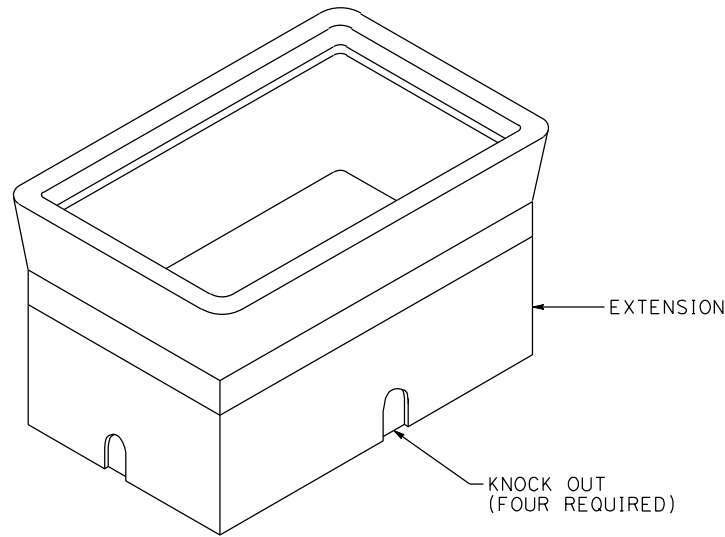
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FPL AND ASSOCIATES, INC.  
30 CORPORATE PARK,  
SUITE 401  
IRVINE, CA 92606

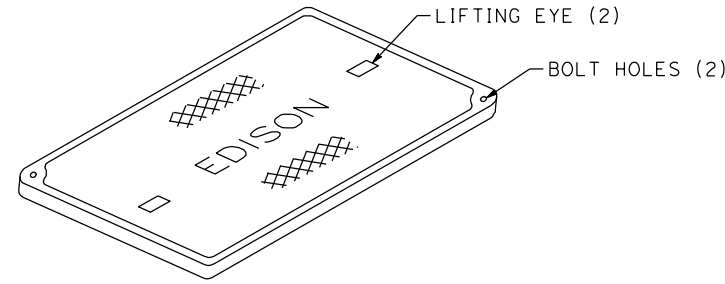
CALTRANS DISTRICT 7  
100 S. MAIN STREET  
SUITE 100  
LOS ANGELES, CA 90012

**NOTES:**

1. SEE TABLE HP 200 FOR DIMENSIONS OF VARIOUS SIZE HANDHOLES AVAILABLE.
2. RADIUS ANGLE MAY BE REDUCED TO LESS THAN 90' PROVIDING THE PROJECTED CENTER LINE OF THE CONDUIT CLEARS HANDHOLE OPENING.
3. TWO HOLD DOWN DEVICES TO BE SUPPLIED ITH EACH HANDHOLE.
4. COVER SHALL BE IDENTIFIED WITH "EDISON" IN MINIMUM 2 INCH LETTERS OR LABELS PERMANENTLY SECURED WITH THE LID.
5. FOR MAINTENANCE ON 10-1/2" X 17" CONCRETE HANDHOLES USE SWINGBOLT WITH SAP 10204721.



TYPICAL ASSEMBLY  
(WITHOUT COVER)

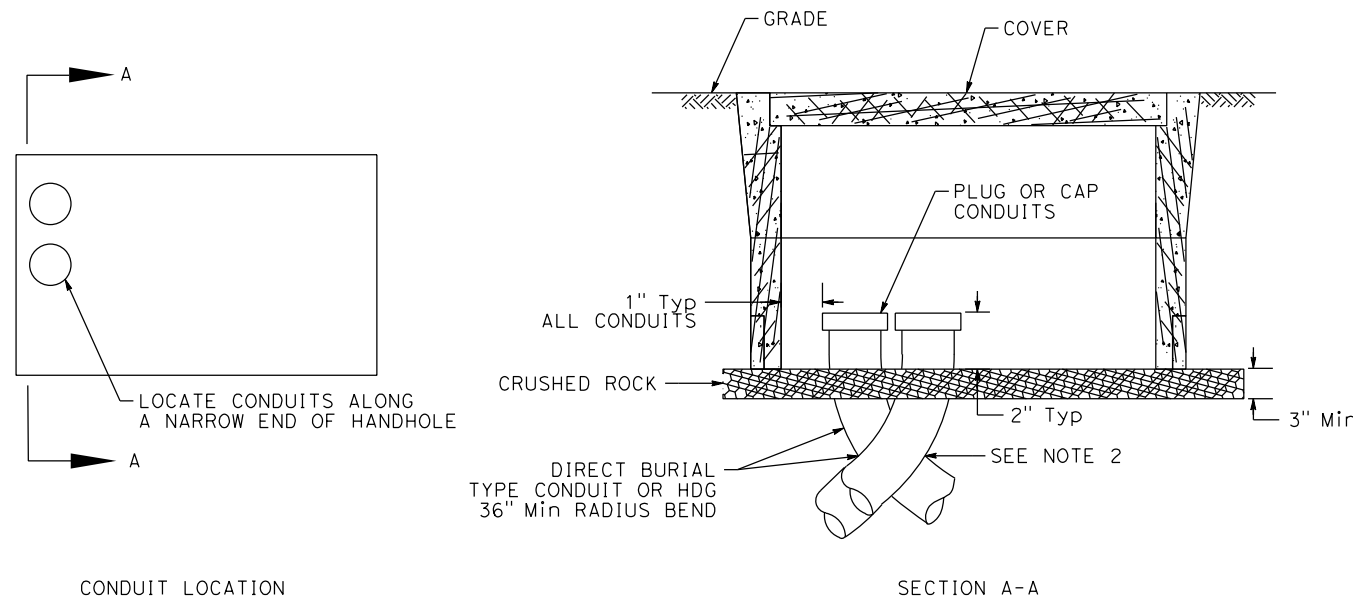


TYPICAL COVER

**TABLE HP 200-4: FRP AND RPM UNIT (BOX AND COVER) - LIGHT TRAFFIC**

FIBERGLASS REINFORCED PLASTIC (FRP), POLYMER CONCRETE (RPM)				
MANUFACTURERS' NUMBERS				
ITEM NUMBER	NOMINAL SIZE (INSIDE)	ARMORCAST PRODUCTS	CDR SYSTEMS*	SAP NUMBER
HH-14	17" X 30" X 18"	A6001640TA-ED	A12173018AOC4	10117375

\* = HUBBELL POWER SYSTEMS IS THE PARENT COMPANY OF CDR SYSTEMS.



**TYPICAL HANDHOLE INSTALLATION**

**CONCRETE PRODUCTS**

PRECASE CONCRETE ITEM COMPLETE WITH NECK, COVER AND INSERTS MAY BE OBTAINED FROM ANY OF THE FOLLOWING LISTED AND APPROVED MANUFACTURERS:

JENSEN PRECAST  
14221 SAN BERNARDINO Ave., FONTANA, CALIFORNIA 92335  
PHONE: (909) 350-4111  
(800) 257-6100

OLDCASTLE PRECAST  
10650 HEMLOCK Ave., FONTANA, CALIFORNIA 92337  
PHONE: (909) 428-3700  
(800) 626-3860

FOR HANDHOLE AND PULLBOX MANUFACTURERS, SEE TABLE HP 200.

**ELECTRICAL SYSTEMS DETAILS**

NO SCALE

**ED-4**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR  
ALEX ZUPANSKI

CALCULATED-DESIGNED BY  
CHECKED BY

TIFFANY LUONG  
HENRY TRINH

REVISED BY  
DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**

**NOTES:**

FOR INFORMATION ONLY. DO NOT USE FOR BIDDING AND CONSTRUCTION REFERENCE. ELECTRICAL SYSTEM QUANTITY TABLES SUMMARIZE SIGNIFICANT COMPONENTS. SEE ELECTRICAL SYSTEMS PLANS AND SPECIFICATIONS TO DETERMINE ALL MATERIALS NEEDED FOR EACH SYSTEM.

**ABBREVIATION:**

AVC AUTOMATIC VEHICLE CLASSIFICATION  
 CSC CONDUCTOR SIGNAL CABLE

REVISOR BY DATE

TIFFANY LUONG HENRY TRINH

CALCULATED-DESIGNED BY CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR ALEX ZUPANSKI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

**AUTOMATIC VEHICLE CLASSIFICATION SYSTEMS**

ITEM (N)			E-1
No.	ITEM DESCRIPTION	UNIT	
1	3"C	LF	200
2	PULL TAPE	LF	200
3	AUTOMATED TRAFFIC COUNTER (ATC)	EA	1
4	334LS CABINET AND Fdn	EA	1
5	CELLULAR ROUTER	EA	1
6	No. 6E PULL BOX (T)(TR)	EA	1
7	No. 5 PULL BOX (T)(TR)	EA	1
8	PIEZO AXLE SENSOR	EA	4
9	TYPE E LOOP	EA	2
10	#6	LF	125
11	#8	LF	200
12	DLC	LF	80
13	30 AMP CIRCUIT BREAKER	EA	1
14	SCREENED TRANSMISSION CABLE	LF	160

(N) - NOT A SEPARATE BID ITEM

**PEDESTRIAN HYBRID BEACON SYSTEMS**

ITEM (N)			E-2
No.	ITEM DESCRIPTION	UNIT	
1	1.5"C	LF	40
2	2"C	LF	1000
3	3"C	LF	155
4	4"C	LF	20
5	PULL TAPE	LF	900
6	2070E CONTROLLER	EA	1
7	332LS CABINET AND Fdn	EA	1
8	BBS	EA	1
9	TYPE III-BF SERVICE ENCLOSURE	EA	1
10	CELLULAR ROUTER	EA	1
11	TYPE E LOOP	EA	2
12	No. 6 PULL BOX (T)(TR)	EA	1
13	No. 5 PULL BOX (T)(TR)	EA	9
14	FLASHING BEACON SIGNAL HEAD	EA	4
15	3-Sec Sig FACE	EA	4
16	APS	EA	2
17	Ped Sig HEAD	EA	2
18	PBA STANDARD WITH Fdn	EA	1
19	9B STANDARD WITH Fdn	EA	1
20	15TS STANDARD WITH Fdn	EA	1
21	28-5-100 STANDARD AND Fdn	EA	1
22	29-5-100 STANDARD AND Fdn	EA	1
23	ROADWAY 1 LUMINAIRE	EA	2
24	15' LUMINAIRE ARM	EA	2
25	Sig MOUNT MAT	EA	4
26	Sig MOUNT MAS-3A	EA	4
27	Ped Sig MOUNT SP-1-T	EA	2
28	#6 CONDUCTOR	LF	30
29	#8 CONDUCTOR	LF	930
30	#10 CONDUCTOR	LF	280
31	DLC	LF	570
32	12CSC	LF	205
33	5CSC	LF	545
34	3CSC	LF	170

(N) - NOT A SEPARATE BID ITEM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	1	21.2/28.4	164	164

REGISTERED CIVIL ENGINEER DATE 2-1-22

PLANS APPROVAL DATE

ALEXANDER ZUPANSKI  
 No. C59351  
 Exp. 6-30-23  
 CIVIL

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FPL AND ASSOCIATES, INC. 30 CORPORATE PARK, SUITE 401 IRVINE, CA 92606  
 CALTRANS DISTRICT 7 100 S. MAIN STREET SUITE 100 LOS ANGELES, CA 90012

**ELECTRICAL SYSTEMS QUANTITIES**

**EQ-1**

LAST REVISION DATE PLOTTED => 2/1/2022 00-00-00 TIME PLOTTED => 11:38:03 AM

## EXHIBIT 4

### CONSISTENCY WITH THE GENERAL PLAN

The 2040 Ventura County General Plan *Goals, Policies and Programs* (page 1-1) states:

*All area plans, specific plans, subdivisions, public works projects, and zoning decisions must be consistent with the direction provided in the County's General Plan.*

Finally, the Ventura County CZO (Section 8181-3.5. a) states that in order to be approved, a project must be found consistent with all applicable policies of the Ventura County Coastal Area Plan.

Evaluated below is the consistency of the proposed project with the applicable policies of the General Plan *Goals, Policies and Programs* and *Coastal Area Plan*.

#### **Land Use and Community Character**

- 1. Coastal Area Plan North Coast Area Policy 1:** *All zoning and development shall be in conformance with the Land Use Plan map (Figure 3-2)<sup>1</sup>, which has been designed to reflect these goals and policies. The Zoning Compatibility Matrix (Figure 3-1) indicates the zones which are consistent with the various land use categories.*

The project site is located within the Coastal Area Plan-North Coast Area. Adjacent land uses include COS-10 ac-sdf (Coastal Open Space – 10 acre minimum lot area – slope density formula), CM-10 acres (Coastal Industrial – 10 acres minimum parcel size), CA-40 ac-sdf (Coastal Agricultural 10 acre minimum lot area – slope density formula), and RB (Residential Beach, 3,000 sq. ft. minimum parcel size). The proposed project includes re-paving State Route (SR) 1, removal and replacement of guard rails, installation of a crosswalk with stripping, Pedestrian Hybrid Beacon (PHB), and two flashing beacons, replacing existing signs with new signs of the same size and regulatory, warning and guide information (no new signs are proposed), shoulder backing, upgrading AC dikes, replacing existing drainage inlet grates with bicycle friendly grates, and adjusting utility manholes to grade. All the work will be conducted within the Caltrans' right of way on SR1 between post mile (PM) 21.3 through PM 28.4.

Caltrans proposes to repair SR 1 to improve the State Highway System (SHS) to a condition that meets the performance targets of the Road Repair and Accountability Act of 2017. This project is a part of Caltrans' fix-it-first program, known as the SHOPP (State Highway Operation and Protection Program). The SHOPP is supported by state and federal taxes and fees on vehicle fuels. Based

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<sup>1</sup> Figures from Ventura County 2040 General Plan – Coastal Area Plan

on the discussion above, the proposed project is consistent with Coastal Area Plan North Coast Area Policy 1.

**LU-16.1 Community Character and Quality of Life:** *The County shall encourage discretionary development to be designed to maintain the distinctive character of unincorporated communities, to ensure adequate provision of public facilities and services, and to be compatible with neighboring uses.*

**LU-16.10 Visual Access for Rural Development:** *The County shall encourage discretionary development in rural areas to maintain views of hillsides, beaches, forests, creeks, and other distinctive natural areas through building orientation, height, and bulk.*

**LU-19.4 Consultation with State and Federal Agencies:** *The County shall continue to consult with applicable state and federal regulatory agencies during project review and permitting activities.*

**Coastal Act § 30250 Location; Existing Developed Area (a):** *New residential, commercial, or industrial development, except as otherwise provided in this division, shall be located within, contiguous with, or in close proximity to, existing developed areas able to accommodate it or, where such areas are not able to accommodate it, in other areas with adequate public services and where it will not have significant adverse effects, either individually or cumulatively, on coastal resources. In addition, land divisions, other than leases for agricultural uses, outside existing developed areas shall be permitted only where 50 percent of the usable parcels in the area have been developed and the created parcels would be no smaller than the average size of surrounding parcels.*

The project site is approximately 7.1 miles in length along SR 1 (6.4 miles of SR 1 is located to the west of US 101; 0.7 miles are located east of US 101. This road provides access to Mobil Pier Road, Sea Cliff Residential Community, Sea Cliff Beach, Hobson County Beach Park, Rincon Parkway Campground, Faria County Beach Park, Mondos Beach, Faria Residential Community, Solimar Residential Community, Solimar Beach, and Emma Wood State Beach. The proposed project is considered a pavement rehabilitation project that will improve SR 1 and provide a crosswalk at Mondos Beach, a popular surfing location.

The purpose of the project is to maintain the integrity and sustainability of SR 1 and public safety. Proposed improvements and maintenance activities on State Route 1 will not substantially change the character of the area or adversely affect any nearby development. The existing road surface will be removed and re-paved; existing guardrails and signs will be replaced. Replacing the guardrails will require minor clearing and grubbing of areas previously disturbed, no ESHA or tree removal is proposed.

New development includes a crosswalk at Mondos Beach. Currently vehicles park along the northbound road shoulder across from Mondos Beach and beachgoers randomly cross SR 1 in varying locations. The proposed crosswalk identifies a legal crosswalk exists at a particular location and informs pedestrians where to cross. While the crosswalk warning beacons will alter views of hillsides and beaches, the crosswalk and incidental equipment complies with the California Manual on Uniform Traffic Control Devices (CA-MUTCD) Guidance. The guidance has been part of the 2014 CA-MUTCD since 2014.

Note, Beach Erosion Authority for Clean Oceans and Nourishment (BEACON) is currently planning to construct a staircase at Mondos Beach that would make getting down to the beach more manageable. The staircase aligns with the proposed crosswalk.

On February 19, 2021, September 29, 2021, November 3, 2021, and June 15, 2022, meetings were held with Supervisor LaVere's Office (First District Supervisor), General Services Agency Parks Department, State Parks, Caltrans and the California Coastal Commission to discuss the proposed project.

Based on the discussion above, the proposed project is consistent with General Plan Policies LU-9.1, LU-16.1, LU16.10, LU-19.4, and Coastal Act Section 30250(a).

## **Public Facilities, Services and Infrastructure**

- 2. Coastal Area Plan North Coast Public Works Policy 1:** *New or expanded public works facilities (including roads, flood control measures, water and sanitation) will be designed to serve the potential population within the subarea's boundaries, and to mitigate impacts on agricultural, open space lands, or environmentally sensitive habitats.*

**PFS-7.4 Discretionary Development Utility Service Line Placement:** *The County shall require discretionary development to place new utility service lines underground if feasible. If undergrounding is determined by the County to be infeasible, then new utility service lines shall be placed in parallel to existing utility rights-of-way, if they exist, or sited to minimize their visual impact.*

**PFS-10.8 Discretionary Development near Trails:** *The County shall require discretionary development near existing trails to mitigate or avoid adverse impacts to the existing trail system. Where appropriate, a condition of approval or other means of permanent dedicated trail access shall be provided.*

**PFS-12.3 Adequate Water Supply, Access, and Response Times for Firefighting Purposes:** *The County shall prohibit discretionary development in areas that lack and cannot provide adequate water supplies, access, and response times for firefighting purposes.*

All proposed improvements, structures and utilities comply with Caltrans' current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance.

The project will include the installation and replacement of electrical conduits at PM 21.3 and new electrical conduits and equipment at PM 24.4 to accommodate for the crosswalk pedestrian signal and two warning beacons near Mondo's Beach. The project will be conditioned to underground all utilities (Exhibit 5, Condition of Approval No. 14).

The proposed project is within the area designated as Segment N2 of the California Coastal Trail (Ventura County Coastal Area Plan Figures 4.1-2 and 4.2-3). The mapped Coastal Trail serves as a planning tool until a more detailed alignment study can be conducted. Coastal Trail Program 1 identifies actions that are required to design and implement a Coastal Trail Master Plan, dependent upon available staff resources and funding. Recommendations for the California Coastal Trail within the project site includes a parallel trail route better suited for hikers/walkers or relocating Segment N2 along Hobson Road and Frontage Road.

Segment N2 includes a Class II striped bike lane. A Class II bike lane provides a striped and stenciled lane for one-way travel on a street or highway. There is a north- and southbound bike lane within the project site located on either side of SR 1. The bike lanes will remain in their current location and will include the application of green-colored pavement to distinguish the bike lane from the roadway. The installation of the crosswalk, Pedestrian Hybrid Beacon (PHB), warning beacons, and improvements to the bike lanes will improve safety along the California Coastal Trail.

Fire hydrants are located along SR 1. Fire Station 25 is located at 5674 Pacific Coast Highway, approximately 3 miles north of Mondos Beach. Fire Station 25 is staffed daily by three firefighters. The apparatus serving this station includes an 1,800-gallon Water Tender Truck. Construction activities will temporarily create detours along SR 1, however unobstructed access for firefighting purposes would be made available in cases of an emergency.

Based on the discussion above, the project is consistent with General Plan Policies PFS-7.4, PFS-10.8 and Coastal Area Plan North Coast Public Works Policy 1.

## **Conservation and Open Space**

- 3. General Plan Policy COS-1.1 (Protection of Sensitive Biological Resources):**  
*The County shall ensure that discretionary development that could potentially impact sensitive biological resources be evaluated by a qualified biologist to assess impacts and, if necessary, develop mitigation measures that fully account for the impacted resource. When feasible, mitigation measures should adhere to the following priority: avoid impacts, minimize impacts, and compensate for*

*impacts. If the impacts cannot be reduced to a less than significant level, findings of overriding considerations must be made by the decision-making body.*

**General Plan Policy COS-1.4 (Consideration of Impacts to Wildlife Movement):** *When considering proposed discretionary development, County decision-makers shall consider the development's potential project-specific and cumulative impacts on the movement of wildlife at a range of spatial scales including local scales (e.g., hundreds of feet) and regional scales (e.g., tens of miles).*

**General Plan Policy COS-1.8 (Bridge Crossing Design):** *The County shall require discretionary development that includes new or modified road crossings over streams, wetlands and riparian habitats to include bridging design features with bridge columns located outside the riparian habitat areas, when feasible.*

**General Plan Policy COS-1.9 (Agency Consultation Regarding Biological Resources):** *The County shall consult with the California Department of Fish and Wildlife, the Regional Water Quality Control Board, the U.S. Fish and Wildlife Service, National Audubon Society, California Native Plant Society, National Park Service for development in the Santa Monica Mountains or Oak Park Area, and other resource management agencies, as applicable during the review of discretionary development applications to ensure that impacts to biological resources, including rare, threatened, or endangered species, are avoided or minimized.*

**General Plan Policy COS-1.10 (Evaluation of Potential Impacts of Discretionary Development on Wetlands):** *The County shall require discretionary development that is proposed to be located within 300 feet of a wetland to be evaluated by a County-approved biologist for potential impacts on the wetland and its associated habitats pursuant to the applicable provisions of the County's Initial Study Assessment Guidelines.*

**General Plan Policy COS-1.11 (Discretionary Development Sited Near Wetlands):** *The County shall require discretionary development to be sited 100 feet from wetland habitats, except as provided below. The 100-foot setback may be increased or decreased based upon an evaluation and recommendation by a qualified biologist and approval by the decision-making body based on factors that include, but may not be limited to, soil type, slope stability, drainage patterns, the potential for discharges that may impair water quality, presence or absence of endangered, threatened or rare plants or animals, direct and indirect effects to wildlife movement, and compatibility of the proposed development with use of the wetland habitat area by wildlife. Discretionary development that would have a significant impact on a wetland habitat shall be prohibited unless mitigation measures are approved that would reduce the impact to a less than significant level. Notwithstanding the foregoing, discretionary development that would have a significant impact on a wetland habitat on land within a designated Existing*



*community may be approved in conjunction with the adoption of a statement of overriding considerations by the decision-making body.*

**Coastal Act Section 30231:** *The biological productivity and the quality of coastal waters, streams, wetlands, estuaries, and lakes appropriate to maintain optimum populations of marine organisms and for the protection of human health shall be maintained and, where feasible, restored through, among other means, minimizing adverse effects of wastewater discharges and entrainment, controlling runoff, preventing depletion of ground water supplies and substantial interference of ground water flow, encouraging wastewater reclamation, maintaining natural vegetation buffer areas that protect riparian habitats, and minimizing alteration of natural streams.*

**Coastal Act Section 30240:**

- a) *Environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values, and only uses dependent on such resources shall be allowed within such areas.*
- b) *Development in areas adjacent to environmentally sensitive habitat areas and parks and recreation areas shall be sited and designed to prevent impacts which would significantly degrade such areas and shall be compatible with the continuance of such habitat areas.*

**Coastal Area Plan North Coast Environmentally Sensitive Habitats (ESHA) Tidepools and Beaches Policy 1:** *Placement of any fill or dredged material along the North Coast beach intertidal area shall be carried out in consultation with the State Department of Fish and Game, in order to ensure that the timing and location of such activities does not disrupt the life cycles of intertidal or sandy beach species.*

**Coastal Area Plan North Coast Environmentally Sensitive Habitats (ESHA) Creek Corridors Policy 1:** *All projects on land either in a stream or creek corridor or within 100 feet of such corridor (buffer area), shall be sited and designed to prevent impacts which would significantly degrade riparian habitats, and shall be compatible with the continuance of such habitats.*

**Coastal Area Plan North Coast Environmentally Sensitive Habitats (ESHA) Creek Corridors Policy 2:** *Substantial alterations (channelizations, dams, etc.) to river, stream, or creek corridors are limited to:*

- a. *necessary water supply projects;*
- b. *flood control projects where no other method for protecting existing structures in the flood plan is feasible, and where such protection is necessary for public safety or to protect existing development; or*
- c. *developments where the primary function is the improvement of fish and wildlife habitat.*

**Coastal Area Plan North Coast Environmentally Sensitive Habitats (ESHA) Creek Corridors Policy 3:** *Projects allowed per the above policies will incorporate the best mitigation measures feasible.*

**Coastal Act Section 30240:**

- (a) *Environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values, and only uses dependent on those resources shall be allowed within those areas.*
- (b) *Development in areas adjacent to environmentally sensitive habitat areas and parks and recreation areas shall be sited and designed to prevent impacts which would significantly degrade those areas and shall be compatible with the continuance of those habitat and recreation areas.*

Along the U.S. Highway 101 corridor there are several coastal creeks that drain the face of the Santa Ynez Mountains and flow to the ocean. These areas include Rincon Creek, Las Sauces Creek, Madranio Canyon, Javon Canyon, Padre Juan Canyon, Line Canyon and the Ventura River.

The project site is bounded by the Union Pacific Railroad to the east and residential development, Hobson and Faria County Parks, Rincon Parkway Campground, and Mondos and Solimar Beach, to the west. The proposed project will occur entirely within the Caltrans road right-of-way. Minor clearing and grubbing of previously disturbed areas will be required to replace the guardrails, no ESHA or tree removal is proposed. No stream/creek crossings are proposed. As discussed in the Natural Environment Study (Exhibit 6) dated October 2019, the project is expected to have no impacts to biological resources. Further, impacts to special status plant and impacts animal species listed on the California Department of Fish and Wildlife (CDFW) and/or US Fish and Wildlife Services (USFWS) species are not anticipated given the scope of work is in areas previously disturbed (i.e., road shoulder) or paved.

The location of the construction staging, and storage areas and portable asphalt batch plant will be identified once the contractor has been retained and under contract. A temporary portable asphalt batch may be located adjacent to an on- or off-ramp on the eastern side of US Highway 101, unless the contractor hauls asphalt to a designated receiving site. Prior to zoning clearance for construction, the Permittee shall identify the locations for the construction staging, and storage areas and portable asphalt batch plant; areas designated for these project components cannot require vegetation or tree removal (Exhibit 5, Condition of Approval No. 1). All construction activities shall occur outside the bird nesting season (February 15<sup>th</sup> through September 1<sup>st</sup>), unless bird surveys, conducted by a Caltrans District Biologist, indicate no nesting birds are within the project area (Exhibit 5, Condition of Approval No. 16).

Caltrans will incorporate all appropriate temporary Stormwater and Erosion Control Best Management Practices (BMPs) prior to construction and maintain temporary BMPs throughout construction activities. Because the project is CAPM (Cold Plane and Overlay AC Pavement) project no permanent BMPs are required for this project. The project will result in no impacts to drainages or “Water of the United States”.

Based on the discussion above, the proposed project is consistent with General Plan Conservation and Open Space Policies COS-1.1, COS-1.4, COS-1.8, COS-1.9, COS-1.10, COS-1.11, Coastal Act Section 30231 and 30240, Coastal Area Plan North Coast Environmental Sensitive Habitats (ESHA) Tidepools and Beaches Policy 1, Coastal Area Plan North Coast Environmental Sensitive Habitats (ESHA) Creek Corridors Policies 1, 2 and 3, and Coastal Act Section 30240.

4. **COS-2.6 Public Access:** *The County shall continue to plan for the preservation, conservation, efficient use of, enjoyment of, and access to resources, as appropriate, within Ventura County for present and future generations.*

**COS-2.7 Preserve Public Access:** *The County shall work with federal, state, and local jurisdictions, agencies, and organizations to assess the vulnerability of public coastal access points and prioritize protection for those that provide the greatest benefits to residents and visitors.*

All the work will be conducted within the Caltrans’ right of way on SR1 between post mile (PM) 21.3 through PM 28.4. There are eight shoreline access points located at Beacons Beach, Seacliff Beach, Hobson and Faria County Park, Mondos and Solimar Beach (Coastal Area Plan Figures 4.1-2 and 4.1-3). Public parking and access to beaches will be temporarily closed when construction takes place in front of these areas. Private property owners will also be affected when trying to access their property. Additionally, the Rincon Parkway Campground will be temporarily closed to campers.

Construction activities (re-paving of the roadway) will be completed in shifts. Striping of the roads and bike lane will be completed when all re-paving activities are finished. Ventura County General Services Agency, Parks Department, and private property owners between post mile (PM) 21.3 through PM 28.4, will be notified by mail when SR 1 will be under construction and “Temporary No Parking” signs will be posted with the dates of the closure. Additionally, temporary construction signs and a digital message boards would be installed at either side of the construction zone, informing motorists, bicyclists, and pedestrians that construction activities are underway and access through the area will be detoured (Exhibit 5, Condition of Approval Nos. 1 and 21). General Services Agency County Parks will be advised when the Rincon Parkway Campground will need to be temporarily closed (Exhibit 5, Condition of Approval No. 20).

Areas along SR 1 not under construction will remain open to the public. Hobson and Faria County Parks will remain open during construction. Public parking, beach access, and property owners' access to their residences will be made available as soon as the repaving of that portion of SR 1 is complete. When the section of SR 1 adjacent to the Rincon Parkway Campground is complete, camp site reservations will resume.

Replacement signs and upgrading guardrails would not obstruct public access.

5. **General Plan Policy COS-3.1 Scenic Roadways:** *The County shall protect the visual character of scenic resources visible from State or County designated scenic roadways.*

**General Plan Policy COS-3.1 Scenic Roadways:** *The County shall protect the visual character of scenic resources visible from State or County designated scenic roadways.*

**Coastal Act Section 30116:** *"Sensitive coastal resource areas" means those identifiable and geographically bounded land and water areas within the coastal zone of vital interest and sensitivity. "Sensitive coastal resource areas" include the following: (a) Special marine and land habitat areas, wetlands, lagoons, and estuaries as mapped and designated in Part 4 of the coastal plan. (b) Areas possessing significant recreational value. (c) Highly scenic areas. (d) Archaeological sites referenced in the California Coastline and Recreation Plan or as designated by the State Historic Preservation Officer. (e) Special communities or neighborhoods which are significant visitor destination areas. (f) Areas that provide existing coastal housing or recreational opportunities for low- and moderate-income persons. (g) Areas where divisions of land could substantially impair or restrict coastal access.*

**Coastal Act Section 30251:** *The scenic and visual qualities of coastal areas shall be considered and protected as a resource of public importance. Permitted development shall be sited and designed to protect views to and along the ocean and scenic coastal areas, to minimize the alteration of natural landforms, to be visually compatible with the character of the surrounding area and, where feasible, to restore and enhance visual quality in visually degraded areas. New development in highly scenic areas such as those designated in the California Coastline Preservation and Recreation Plan prepared by the Department of Parks and Recreation and by local government shall be subordinate to the character of its setting.*

SR1, also known as Pacific Coast Highway (PCH), is one of the most valued road trip routes in California. In Ventura County, SR 1 offers scenic views of the County's coastal areas where people can view cliff-top scenery, hidden coves, and sandy beaches. All the work will be conducted within the Caltrans' right of way. The proposed improvements and maintenance activities will not substantially

change the character of the area or adversely affect any nearby development. The existing road surface will be removed and re-paved. The project also includes upgrading guardrails, installation of a crosswalk and warning beacons, and replacement of existing signs. Replacing the guardrails will require minor clearing and grubbing of areas previously disturbed, no ESHA or tree removal is proposed.

The new crosswalk would be located at Mondos Beach. Currently, beachgoers randomly cross SR 1 in varying locations. A proposed crosswalk will identify a legal crosswalk informing pedestrians where to cross and motorists of the pending crosswalk. The crosswalk will be striped across SR 1, and a Pedestrian Hybrid Beacon (PHB) will be installed above with two flashing beacons to warn north and south bound vehicles. The marked crosswalk will have a pedestrian push button device on either side of SR 1 for pedestrians to use when they are ready to enter the crosswalk. The 30-foot-tall light post with a 26-foot-tall PHB will be installed on the north side of the cross walk. The PHB extends approximately 55 feet over SR 1 and will include pedestrian beacons and a sign mounted on the pole. One 20 foot tall warning beacon with a pole that extends approximately 18 feet across SR 1 will be installed approximately 55 feet east of the cross walk (northbound lane) and one 26-foot-tall warning beacon with a pole that extends approximately 55 feet across SR 1 will be installed approximately 62 feet west of the cross walk (southbound lane). The flashing beacons warn drivers of the upcoming crosswalk. Additionally, one utility cabinet (5.5 feet high, 2 feet wide, and 2.5 feet depth) would be installed on landward side of the crosswalk.

The proposed crosswalk and incidental equipment are similar to a signalized crosswalk located north of Las Flores Road in Malibu. The crosswalk and incidental equipment comply with the California Manual on Uniform Traffic Control Devices (CA-MUTCD) Guidance. Pursuant to Section 4F.03 – Operations of Pedestrian Hybrid Beacons, Section 4L.01 – General Design and Operation of Flashing Beacons, and Section 4L.03 – Warning Beacons, a flashing warning beacon may be installed to supplement advance working signage for an isolated crosswalk, enhancing the warning that a crosswalk is ahead. The guidance has been part of the 2014 CA-MUTCD since 2014.

All proposed improvements, structures and utilities comply with Caltrans' current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance. All new utilities will be placed underground (Exhibit 5, Condition of Approval No. 14).

- 6. General Plan Policy COS-4.2(b) (Cooperation for Tribal Cultural Resource Preservation):** *For discretionary projects, the County shall request local tribes contact information from Native American Heritage Commission, to identify known tribal cultural resources. If requested by one or more of the identified local tribes, the County shall engage in consultation with each local tribe to preserve, and determine appropriate handling of, identified resources within the county.*

**General Plan Policy COS-4.4 (Discretionary Development and Tribal, Cultural, Historical, Paleontological, and Archaeological Resource Preservation):** *The County shall require that all discretionary development projects be assessed for potential tribal, cultural, historical, paleontological, and archaeological resources by a qualified professional and shall be designed to protect existing resources. Whenever possible, significant impacts shall be reduced to a less-than-significant level through the application of mitigation and/or extraction of maximum recoverable data. Priority shall be given to measures that avoid resources.*

**Coastal Act Section 30244:** *Where development would adversely impact archaeological or paleontological resources as identified by the State Historic Preservation Officer, reasonable mitigation measures shall be required.*

**Coastal Area Plan Archaeological Resource Policy 1:** *New development shall be sited and designed to avoid adverse impacts to archaeological resources to the maximum extent feasible. If there is no feasible alternative that can eliminate all impacts to archaeological resources, then the alternative that would result in the fewest or least significant impacts to resources shall be selected. Impacts to archaeological resources that cannot be avoided through siting and design alternatives shall be mitigated. When impacts to archaeological resources cannot be avoided, mitigation shall be required and shall be designed in accordance with established federal, state and/or County standards and shall be consistent with the policies and provisions of the LCP.*

**Coastal Area Plan Paleontology Policy 2:** *New development shall be sited and designed to avoid adverse impacts to paleontological resources to the maximum extent feasible. If there is no feasible alternative that can eliminate all impacts to paleontological resources, then the alternative that would result in the fewest or least significant impacts to resources shall be selected. Impacts to paleontological resources that cannot be avoided through siting and design alternatives shall be mitigated. When impacts to paleontological resources cannot be avoided, mitigation shall be required that includes procedures for monitoring grading and handling fossil discoveries that may occur during development.*

On June 16, 2022, in accordance with Assembly Bill (AB) 52, Planning Division staff contacted the Barbareno-Ventureno Mission Indians for comment and review of the proposed project. As of the date of this staff report, no responses were received regarding the proposed project.

The existing road surface will be removed and re-paved. All proposed road improvements are within the Caltrans right-of-way. Areas outside the paved road right-of-way include installation of signs in the same approximately location of existing signs. New development is limited to the pedestrian signal, two flashing beacons. These areas are in highly disturbed road shoulders and are not expected to impact subsurface resources. Although the proposed project is unlikely to result

in impacts to archaeological resources, future ground disturbance activities will be subject to a condition of approval to ensure the protection of any archaeological resources if they are inadvertently encountered during ground disturbance activities (Exhibit 5, Condition of Approval No. 17).

According to the Ventura County Coastal Zoning Ordinance Section 8178-3.2.2, Table 1, California Geologic Survey Formations, the project site is overlain by the active beach deposits (Qb) and the Paralic deposits of the Sea Cliff marine terrace which have a no deposits, deposits that have been displaced or disrupted, or moderate paleontological importance. Although the proposed project is unlikely to result in impacts to paleontological resources, future ground disturbance activities will be subject to a condition of approval to ensure the protection of any paleontological resources if they are inadvertently encountered during ground disturbance activities (Exhibit 5, Condition of Approval No.18).

Based on the discussion above, the proposed project is consistent with General Plan Conservation and Open Space Policies COS-4.2(b), COS-4.4, Coastal Act Section 30244, Coastal Area Plan Archaeology Policy 1, and Coastal Area Plan Paleontology Policy 2.

## **Public Access**

- 7. Coastal Area Plan, Coastal Trail Implementation Policy 1, North Coast Subarea:** Currently, only Multi-Modal Route segments N1 and N3 (Figures 4.1-2 and 4.1-3) are complete Class 1 Pathways. Future efforts should consider the use of underutilized Hobson Road and Frontage Road as a Class 1 Pathway that would replace segment N2 along Old Pacific Coast Highway and provide a seamless, shared pathway through the North Coast Subarea.

As discussed under item 2. Public Facilities, Services and Infrastructure (above), the mapped Coastal Trail serves as a planning tool until a more detailed alignment study can be conducted. Coastal Trail Program 1 identifies actions that are required to design and implement a Coastal Trail Master Plan, dependent upon available staff resources and funding.

**Coastal Trail Policy 1.1:** The California Coastal Trail (Coastal Trail) shall be provided through unincorporated Ventura County and shall be located as close to the ocean as feasible, preferably along the shoreline or within sight or sound of the sea.

**Coastal Trail Policy 1.2:** The County's Coastal Trail includes both Multi-Modal and Single-Mode Routes, and the Multi-Modal Route (Figure 4.1-1) shall connect to Coastal Trails segments in Santa Barbara County, Los Angeles County, and the cities of Ventura, Oxnard and Port Hueneme. Additional routes may be identified that are parallel to specific segments of the Multi-Modal Route to improve access and connectivity.

**Coastal Trail Policy 1.3:** The Coastal Trail maps (Figures 4.1-1 – 4.1-7) shall be used to determine the general alignment of the Coastal Trail through unincorporated Ventura County. However, the provision of additional trail routes shall not be precluded on the basis that the trail route is not shown on the Coastal Trail maps. In addition to the Coastal Trail routes shown on Figures 4.1-1 – 4.1-7, the Coastal Trail may include, but is not limited to, the following:

- Alternative alignments established through public trail easements acquired through voluntary conveyance, acquisition, conveyance to satisfy conditions of approval of a coastal development permit, or other means; and
- Historic use trails where prescriptive rights exist, that provide a new or alternate Coastal Trail segment, or easements that provide a link between the mapped Coastal Trail and shoreline beaches or recreation areas – such as recorded vertical access easements, easements established via prescriptive rights, and public access rights reserved as offers to dedicate.

**Coastal Trail Policy 1.4:** Mapped Coastal Trail routes shall be located on public land or within existing or acquired easements authorizing public use.

**Coastal Trail Policy 1.5:** The Coastal Trail shall provide access to the County’s recreational, natural, scenic, and historic resources or sites. Wherever feasible, ensure that trail segments are accessible to all members of the public, including citizens with disabilities.

**Coastal Trail Policy 1.6:** Wherever possible, provide connections between the mapped Coastal Trail (Multi-Modal and Single-Mode Routes) and other existing or planned trail systems, vertical shoreline access points, transit stops, and coastal access parking or trail staging areas. (See Figures 4.1-1 – 4.1-7).

**Coastal Trail Policy 1.7:** Sea level rise shall be considered when establishing the alignment of, and design standards for the Coastal Trail.

**Coastal Trail Policy 1.8:** Additional routes may be located further from the ocean where such routes provide ocean views, offer recreational opportunities, serve specific user groups, connect to other trail networks or public lands, or allow the trail to be moved landward in response to sea level rise.

**Coastal trail Policy 1.9:** Coastal Trail routes shall avoid Environmentally Sensitive Habitats (ESHA) to the maximum extent feasible. However, routes for hikers/walkers are considered a resource dependent use and may be located in ESHA and ESHA buffer zones where sited and designed to protect ESHA against any significant disruption of habitat values.



**Coastal Trail Policy 1.10:** Coastal Trail routes should provide specialized trail segments for specific user groups or an alternative trail experience and enhanced access to the County's coastal beaches, coastal upland areas, public parks, or natural and scenic features.

**Coastal Trail Policy 1.11:** Coastal Trail routes shall remain free from impediments such as gates, guardhouses, and other structures that block access to or along the Coastal Trail.

**Coastal Trail Design Policy 2.1:** The Coastal Trail shall be designed to maximize ocean views and scenic coastal vistas.

**Coastal Trail Design Policy 2.2:** The Multi-Modal Route shall be designed, at a minimum, to provide access to both hikers/walkers and bicyclists, unless equivalent replacement segments are established that, at a minimum, provide the following:

- A Single-Mode trail segment for hikers/walkers that includes a walkable surface at all times of the day/year as well as a trail alignment that provides a more pleasant trail experience, and
- A Single-Mode trail segment for bicyclists that is a Class 1 Pathway or a Class 2 bike lane.

**Coastal Trail Design Policy 2.3:** Segregated Multi-Modal Routes (Type A-2) shall be provided, whenever feasible, but where there are siting and design constraints, a shared Multi-Modal Route (Type A-1) may be provided.

**Coastal Trail Design Policy 2.4:** Coastal Trail segments located in areas with high user demand (e.g., near public parking lots, staging areas, popular beaches, or nature viewing areas) should be designed for both active and passive use (e.g., casual walkers, beach cruiser bikes, long-distance hikers or bicyclists) and, where feasible, shall be compliant with the requirements of the Americans with Disabilities Act of 1990 (ADA).

**Coastal Trail Design Policy 2.5:** Coastal Trail routes may be designed to accommodate specific user groups such as hikers, equestrians, and mountain bikers. The design of such routes should be tailored to suit the terrain or natural features of the area in which the trail is located as well as the needs of each targeted user group.

**Coastal Trail Design Policy 2.6:** Trail classifications illustrated in Figures 4.1-1 through 4.1-7 shall be utilized during the preparation of detailed design and construction plans for the Coastal Trail. (See Program1.)

**Coastal Trail Design Policy 2.7:** All segments of the Coastal Trail shall be designed for user safety, including but not limited to the following standards:

- a. Coastal Trail segments planned for Multi-Modal use that currently provide existing, Class 2 bike lanes shall be enhanced to provide a Class 1 Pathway or a separate walking/hiking trail. An exception to this policy may be provided for the trail segment C3 and C4 located on Naval Air Road, where a separate, natural surface trail for walkers/hikers may not be feasible due to its location on a federal military installation.
- b. Trees, landscaping, benches, restrooms, trash cans, lighting and/or other amenities shall be used, where appropriate, as design features to improve the safety and comfort of individuals using the Coastal Trail.

**Coastal Trail Design Policy 2.8:** When the Multi-Modal Route is located within a public road right-of-way, its design features should include the following:

- a. Walkers/Hikers: Coastal Trail facilities for hikers/walkers should be Class 1 Pathways, sidewalks, or natural surface trails that are separated from vehicular traffic. In areas with high user demand (e.g., near public parking areas, popular beaches, or nature viewing areas), hiking/walking trails should be physically separated from bicycle traffic where feasible. In areas with limited user demand, trail facilities may be limited to the side of the roadway closest to the ocean.
- b. Bicyclists: Coastal Trail facilities for bicyclists should be a trail segment located outside the road travel way on one (or both) sides or the roadway (i.e., a Class 1 Pathway) or should be a dedicated bicycle lane (Class 2 bike lane), located on both sides of the roadway with striping and signage. Facilities located on only one side of the roadway shall be located on the side of the roadway closest to the ocean whenever feasible.

**Coastal Trail Design Policy 2.9:** Provide directional and educational signage along Coastal Trail Routes. At a minimum, directional signs shall be located where the Coastal Trail connects to other trails, public recreation areas, and coastal access points. Educational and access signs should be located at historical sites, within ESHA, and at visual vantage points as needed.

**Coastal Trail Design Policy 2.10:** Where the Coastal Trail traverses ESHA, raised trail segments, wildlife permeable fencing, and other design methods to keep walkers/hikers on the pathway and minimize impacts on ESHA may be required.

**Coastal Trail Design Policy 2.11:** When appropriate or when required, utilize permeable surfaces that minimize impacts on the environment due to storm-water runoff and erosion.

**Coastal Trail Design Policy 2.12:** Coastal Trail alignments and designs shall minimize changes in existing natural landforms and blend into the natural environment.

**Coastal Trail Design Policy 2.13:** Coastal Trail segments should be designed to accommodate the travel modes allowed on adjoining trails in neighboring jurisdictions.

**Coastal Trail Design Policy 2.14:** When private land is located next to the Coastal Trail, low-profile trail design features – such as rocks, low fencing, or a low landscape hedge – should be employed to identify the trail boundary and minimize conflicts between private property owners and trail users. However, such features shall not adversely impact coastal resources, public views to and along the shoreline, or other scenic resources, and shall be consistent with the policies and provisions of the LCP.

**Coastal Trail Design Policy 2.15:** Single-Mode Routes – such as shorter trail loops that traverse public parks or coastal beaches – should be designed to provide a variety of linear distances and elevation changes for trail users with different activity levels, except where the Single-Mode Route serves as a replacement segment for the hiking/walking portion of a Multi-Modal Route (see Policy 2.2).

**Coastal Trail Design Policy 2.16:** Coastal Trail routes located outside urbanized areas shall either exclude artificial lighting or use the minimum amount necessary for wayfinding or to ensure public safety at coastal access parking locations. When such lighting is required, artificial light shall be directed away from ESHA and neighboring development.

**Coastal Trail Design Policy 2.17:** Coastal Trail improvements shall be designed to minimize adverse impacts on views of scenic resources (e.g., coastline, mountains) from public viewing areas.

**Coastal Trail Design Policy 2.18:** The Coastal Trail shall be located, designed, and maintained in a manner that will avoid or minimize impacts to Native American cultural resources.

**Coastal Trail Implementation and Management Policy 3.1:** Segments of the Coastal Trail shall be acquired and developed as follows:

- a. Whenever feasible, the Coastal Trail will be located on public land or land with a public access easement acquired through voluntary transactions with willing landowners.

- b. Where existing public roads or public easements must be widened to accommodate improvements associated with the Coastal Trail, the lead agency should utilize methods at its disposal (e.g. purchase easements, discretionary permit approvals, etc.) to expand an existing public corridor.
- c. When necessary, Coastal Trail easements may be established through the discretionary development process when the easement dedication is voluntary or when a legal basis exists to require the easement dedication as a condition of approval. Dedicated easements may be used to implement a mapped segment of the Coastal Trail (see Figures 4.1-1 through 4.1-7), an alternate trail segment, or a link between the mapped Coastal Trail and a public beach, park or recreation area. If no responsible agency is available to accept the grant of easement at the time of recordation, then an offer to dedicate an easement shall be recorded. (See Coastal Zoning Ordinance Sec. 8181-12.).

**Coastal Trail Implementation and Management Policy 3.2:** When an existing (i.e., express or adjudicated) implied dedication or prescriptive easement provides public access that may provide new segments that support or connect to the Coastal Trail network, such as vertical access between the Coastal Trail and the shoreline, the discretionary permitting process shall be used to provide, maintain, or protect public access. For any area that may provide new segments that support or connect to the Coastal Trail network, new development shall be sited and designed to not interfere with the public's right of access to and along the shoreline where there is substantial evidence provided that implied dedication or prescriptive rights may exist, unless it is not feasible and adequate mitigation is provided.

**Coastal Trail Implementation and Management Policy 3.3:** Individual trails segments may be developed, constructed, and opened without concurrently amending the Coastal Trail Map.

**Coastal Trail Implementation and Management Policy 3.4:** In order to minimize costs associated with the Coastal Trail, utilize private and non-profit organization and volunteers, whenever possible, to assist with trail acquisition, construction, maintenance and operation.

**Coastal Trail Implementation and Management Policy 3.5:** The Coastal Trail is a permitted use in all zones, and land mapped as a Coastal Trail Route shall be protected from conflicting development or uses that would adversely impact or preclude its future development and use as an operational segment of the Coastal Trail. An exception to this policy may be permitted when a replacement Coastal Trail alignment is established that is deemed equivalent to the originally planned trail alignment and that meets all other policies and provisions of the LCP.

**Coastal Trail Implementation and Management Policy 3.6:** The County shall evaluate and, where appropriate, pursue the following opportunities to extend

Coastal Trail routes or provide new access points to the Coastal Trail: (a) abandoned roadways and (b) unaccepted offers to dedicate an easement. In addition, the County should not permanently close, abandon, or render unusable by the public any existing public road which would improve Coastal Trail access or provide an alternate Coastal Trail alignment. When pursued, such opportunities shall be carried out in compliance with Policy 3.1. All new trail segments shall be subsequently added to the Coastal Trail map.

**Coastal Trail Implementation and Management Policy 3.7:** The County shall not approve a coastal development permit to close, abandon, or render unusable by the public any existing coastal accessway that serves as or supports connections to the Coastal Trail network, except where there is no feasible alternative to protect public safety. Where feasible, the closure shall be temporary, alternate access provided in the interim period, and the accessway reopened once the public safety issue is resolved. Should the closure become permanent, the impact to coastal access shall be mitigated.

**Coastal Act Section 30210:** In carrying out the requirement of Section 4 of Article X of the California Constitution, maximum access, which shall be conspicuously posted, and recreational opportunities shall be provided for all the people consistent with public safety needs and the need to protect public rights, rights of private property owners, and natural resource areas from overuse.

The project site is approximately 7.1 miles in length along SR 1 (between Ventura County between Emma Wood State Beach Access Road (PM 21.3) and Mobile Pier Road/Seacliff Exit 78 (PM 28.4)). The proposed project is within the area designated as Segment N2 of the California Coastal Trail (Ventura County Coastal Area Plan Figures 4.1-2 and 4.2-3). Segment N2 is a Class II bike lane maintained by Caltrans. The bike lane is on both sides of SR 1 directing cyclists to bike with the flow of traffic. Along this section of the mapped California Coastal Trail there are eight vertical shoreline access points and coastal access parking.

Except for Mondos Beach, Rincon Parkway (prior to and after the campground), and Solimar Beach, SR 1 is developed with residential land uses, Hobson and Faria County Parks, and Rincon Parkway Campground, that prevent the California Coastal Trail to be located adjacent to the ocean. For sections of SR 1 not developed or designated Rincon Parkway Campground, there is an unobstructed view of the ocean, and the bike lanes are within sight and sound of the ocean.

Rincon Parkway Campground is located between PM 25.6 to PM 26.7. The campground includes 127 spaces and is approximately one mile long. Recreational Vehicles have always parked immediately adjacent to the ocean. A Coastal Development Permit No. A-436-77 (dated February 15, 1978, as amended on November 15, 1977) was issued by the Coastal Commission to re-stripe SR 1 for a two-lane highway, two-way bicycle lane, overnight and day use parking, portable sanitation facilities and trash receptacles. The Rincon Parkway

Maintenance Agreement and Parking Zone Resolution is an agreement between Caltrans and Ventura County that identifies maintenance responsibilities to be performed by each agency. Ventura County is responsible for litter pickup and disposal, maintenance of the portable toilets and trash bins, removal of graffiti from seawalls, campsite striping, and parking/regulatory signs. Caltrans is responsible for maintenance of the seawall, riprap and all other facilities and functions which Ventura County is not required to maintain.

The Caltrans road right-of-way adjacent to the Rincon Parkway Campground is developed with the RV striped campsites, a “No Parking Lane” that includes identification of the camp space number, Class II bike lane, a two-lane paved road, and unimproved road shoulder. Union Pacific Railroad is landward of SR 1. The California Coastal Trail in this section of SR 1 is within sound and provides intermittent views of the sea.

As proposed, the bike lanes will remain in their current location. The bike lanes flow with traffic. When cyclists flow in the same direction as motorists, the driver not only sees the bicyclist but is also likely to slow down to pass. Further, SR 1 includes residential development adjacent to the road and driveways for Faria and Hobson County Park. When motorists pull out of driveways, they are most often looking in the direction traffic is already coming and therefore will also see the bicyclist.

Consolidating the Class II bike lane to a Class I bike lane (i.e., a shared-use bike lane for bicyclists and pedestrians), between the recreational vehicles and the beach was determined to be infeasible for the following reasons:

- A Class I bike lane accommodates both active and passive uses (e.g., casual walkers, beach cruiser bikes, long-distance hikers, and bicyclists). To ensure the safety of the intended users, the Class I bike lane would need a low-profile trail design feature, such as asphalt berms or bollards, on either side of the bike lane, to separate the intended users from the coastal bluff and campers.
- The maximum legal width of a recreational vehicle (RV) is 8.5 feet. Vehicles park adjacent to the RV and perpendicular to the rock riprap/concrete wall. A Ford F-350 truck is approximately 22 feet in length. Because the campground space is located adjacent to the bluff, the campground space provides enough room for a large vehicle to park next to the RV.

In both instances, additional land would need to be obtained to construct a Class I bike lane on the oceanside of the campground space. Caltrans has indicated obtaining an easement from Union Pacific Railroad to provide for additional roadway is not guaranteed and takes several years to obtain.

- If the intent is to have a Class I bike lane throughout the project site, bicyclists would be riding against the flow of traffic. However, if the intent is to have a Class I bike lane along specific sections of the project site and then revert back to a Class II bike lane to get bicyclists moving with the flow of traffic, additional crosswalks would be required. Bicyclists may ignore crosswalks and instead randomly cross SR 1 to flow with traffic introducing potential collisions.
- A Class I bike lane in between the RV and the beach would introduce conflicts between bicyclists and campers. Camping behavior in this locale assumes “beach front property” during the reservation. Beach chairs, toys/floaties and similar amenities are an extension of the RV and would likely be located within the bike lane. Bicyclists and pedestrians would have to avoid these obstacles. With the rise in personal and rental of electric bikes, which have maximum permissible speeds of 28 miles per hour pursuant to the California Vehicle Code, there is a higher potential for incidence of collisions between bicyclists and campers. These collisions may be exacerbated by the close proximity of the entrances of the RV’s to the Class I bike lane. Further, for campers such as the elderly, children or individuals with vision, hearing or mobility limitations; navigating through bicyclists to cross the bike lane to access the beach may pose an even greater danger given that they may not hear, see or be able to move quick enough to prevent collisions with a bike. Similarly, non-English speaking campers seeking to access the beach through the bike lane may be at greater risk of collision with bicyclists who alert them of potential danger in English.
- RVs have “pop-outs” that extend the width of the camper. The RV pop-outs must stay within the reserved camp space, but it is not uncommon for the pop-out to extend into the “No Parking Lane.” There are also motorists getting out of their vehicles/RVs and the car door extends into the “No Parking Lane.” While the area is monitored by Park Rangers to ensure the RV is wholly within the reserved space, there is the possibility of a potential collision between campers and southbound vehicle traffic. The Class II bike lane adjacent to the “No Parking” lane, provides an additional buffer between the camper and southbound traffic.
- From an engineering standpoint, redesigning the Class II bike lane to a Class I bike lane adjacent to the ocean also means additional analysis and realigning the highway (i.e., coastal wave run-up analysis to address sea level rise, redesigning highway drainage, and structural changes (i.e., changes to the travel way, reduced radius curves, etc.).

As previously noted, the mapped Coastal Trail serves as a planning tool until a more detailed alignment study can be conducted. Coastal Trail Program 1

identifies actions that are required to design and implement a Coastal Trail Master Plan, dependent upon available staff resources and funding.

*Note: The current proposal is a pavement rehabilitation project and qualifies for an exemption under the Coastal Commission's Repair, Maintenance and Utility Hook-Up Exclusions from Permit Requirements (adopted September 5, 1978). However, because the proposed project includes a crosswalk at Mondos Beach (i.e., new development), the project requires a Coastal Planned Development Permit. If the crosswalk is eliminated, Caltrans could conduct the repaving and striping as proposed with a ministerial zoning clearance. Caltrans identified this as a project in 2017 and will go before the Transportation Commission for funding this year. If a Class I bike lane is required, Caltrans may need to consider withdrawing the proposed project and initiate a separate Class I bike lane project at a future date.*

**Coastal Act Section 30213:** Lower cost visitor and recreational facilities shall be protected, encouraged, and, where feasible, provided. Developments providing public recreational opportunities are preferred. The commission shall not: (1) require that overnight room rentals be fixed at an amount certain for any privately owned and operated hotel, motel, or other similar visitor-serving facility located on either public or private lands; or (2) establish or approve any method for the identification of low or moderate income persons for the purpose of determining eligibility for overnight room rentals in any such facilities. (Amended by Ch. 1191, Stats. 1979; Ch. 1087, Stats. 1980; Ch. 1007, Stats. 1981; Ch. 285, Stats. 1991.)

The Rincon Parkway Campground provides 127 campground spaces for lower cost visitors. The public can reserve a campground space for seven to 14 days depending on the time of year. The cost to reserve a camp site ranges from \$39.00 in the off-season to \$43.00 in the peak season. A beachfront hotel in Ventura is approximately \$300 per night. Rincon Parkway Campground provides campers an opportunity to enjoy recreational facilities immediately adjacent to the beach. The only other area that provides a similar experience is Point Magu State Park in the South Coast of Ventura County. The unincorporated County includes three Designated Disadvantaged Communities (DDC) which are low-income areas that are disproportionately affected by pollution and other hazards that can lead to negative health effects, exposure, or environmental degradation. Similarly, the incorporated cities within the County include their own DDC's. The County's General Plan includes approximately 83 goals, policies and programs which support Environmental Justice considerations in County planning, siting, development, and operations of public facilities and infrastructure. As a public recreational facility, the Rincon Parkway Campground affords members of DDC's as well as other low income residents and visitors in the County the option to experience "ocean front" living through their camping experience. Thus, offering a rare opportunity typically only available to higher income populations within the State.



## Hazard and Safety

- 8. General Plan Policy HAZ-4.5 (Soil Erosion and Pollution Prevention):** *The County shall require discretionary development be designed to prevent soil erosion and downstream sedimentation and pollution.*

**General Plan Policy HAZ-4.6 (Vegetative Resource Protection):** *The County shall require discretionary development to minimize the removal of vegetation to protect against soil erosion, rockslides, and landslides.*

**General Plan Policy HAZ-4.7 (Temporary Revegetation on Graded Areas):** *The County shall require, as necessary, the use of soil stabilization methods on graded areas to reduce the potential for erosion, particularly during the construction phase.*

**Coastal Act Section 30253: New development shall:**

- (1) Minimize risks to life and property in areas of high geologic, flood, and fire hazards.*
- (2) Assure stability and structural integrity, and neither create nor contribute significantly to erosion, geologic instability, or destruction of the site or surrounding area or in any way require the construction of protective devices that would substantially alter natural landforms along bluffs and cliffs.*

**Coastal Area Plan North Coast Hazards Policy 2:** *New development shall be sited and designed to minimize risks to life and property in areas of high geologic, flood, and fire hazards.*

**Coastal Area Plan North Coast Hazards Policy 6:** *New development shall be sited and designed so as not to cause or contribute to flood hazards or lead to the expenditure of public funds for flood control works.*

The project includes the replacement of existing pavement, upgrading guardrails, installation of a crosswalk and warning beacons, and replacement of existing signs. The project will not require grading or removal of vegetation outside the road prism that would create a hazard due to soil, erosion, rockslides, and landslides. Because the project is CAPM (Cold Plane and Overlay AC Pavement) no permanent BMPs are required for this project; however temporary construction BMPs will be employed to prevent any runoff from entering tributaries that drain to the ocean. (Exhibit 3, Plans and Exhibit 5, Condition of Approval Nos. 1 and 24).

Based on the discussion above, the proposed project is consistent with General Plan Conservation and Open Space Policies HAZ-4.5, HAZ-4.6, HAZ-4.7, Coastal Act Section 30253, Coastal Area Plan North Coast Hazard Policies 2 and 6.

- 9. General Plan Policy HAZ-10.2 (Air Quality Management Plan Consistency):** *The County shall prohibit discretionary development that is inconsistent with the most recent adopted Air Quality Management Plan (AQMP), unless the Board of Supervisors adopts a statement of overriding considerations.*

**General Plan Policy HAZ-10.3 (Air Pollution Control District Rule and Permit Compliance):** *The County shall ensure that discretionary development subject to Ventura County Air Pollution Control District (VCAPCD) permit authority complies with all applicable APCD rules and permit requirements, including the use of Best Available Control Technology (BACT) as determined by the VCAPCD.*

**General Plan Policy HAZ-10.14 (Fugitive Dust Best Management Practices):** *The County shall ensure that discretionary development which will generate fugitive dust emissions during construction activities will, to the extent feasible, incorporate appropriate BMPs to reduce emissions to be less than applicable thresholds.*

The proposed project will not require grading, minor clearing and grubbing of areas previously disturbed will be required to replace the guardrails. All resurfacing activities will occur within the existing roadway. The project is located near a freeway and dust generation may impede driver visibility; the Ventura County Air Pollution Control District (APCD) has conditioned the project to ensure fugitive dust and other air contaminants are minimized to the greatest extent feasible (Exhibit 5, Condition of Approval Nos. 28 and 30). To ensure that the project operations, including the portable asphalt batch plant is in compliance with all applicable APCD rules, an approved permit to operate or a permit from the California Air Resources Board Portable Equipment Registration Program will be required (Exhibit 5, Condition of Approval No. 29). Additionally, APCD requires the worksite to have signs displaying the APCD 24-Hr Complaint Hotline posted in prominent locations visible to the public (Exhibit 5, Condition of Approval No. 30).

Based on the discussion above, the proposed project is consistent with General Plan Conservation and Open Space Policies HAZ-10.2, HAZ-10.3 and HAZ-10.14.

## **Water Resources**

- 10. General Plan Policy WR-1.2 (Watershed Planning):** *The County shall consider the location of a discretionary project within a watershed to determine whether or not it could negatively impact a water source. As part of discretionary project review, the County shall also consider local watershed management plans when considering land use development.*

**General Plan Policy WR-1.12 (Water Quality Protection for Discretionary Development):** *The County shall evaluate the potential for discretionary development to cause deposition and discharge of sediment, debris, waste and other pollutants into surface runoff, drainage systems, surface water bodies, and*

*groundwater. The County shall require discretionary development to minimize potential deposition and discharge through point source controls, storm water treatment, runoff reduction measures, best management practices, and low impact development.*

**General Plan Policy WR-2.2 (Water Quality Protection for Discretionary Development):** *The County shall evaluate the potential for discretionary development to cause deposition and discharge of sediment, debris, waste, and other contaminants into surface runoff, drainage systems, surface water bodies, and groundwater. In addition, the County shall evaluate the potential for discretionary development to limit or otherwise impair later reuse or reclamation of wastewater or stormwater. The County shall require discretionary development to minimize potential deposition and discharge through point source controls, storm water treatment, runoff reduction measures, best management practices, and low impact development.*

No stream/creek crossings are proposed. Caltrans will incorporate all appropriate temporary Stormwater and Erosion Control Best Management Practices (BMPs) prior to construction and maintain temporary BMPs throughout construction activities to prevent any runoff from entering tributaries that drain to the ocean. (Exhibit 3, Plans). Because the project is CAPM (Cold Plane and Overlay AC Pavement) project no permanent BMPs are required for this project. The project will result in no impacts to drainages or "Water of the United States".

**CONDITIONS OF APPROVAL FOR COASTAL PD PERMIT CASE NO. PL22-0002**

**RESOURCE MANAGEMENT AGENCY (RMA)**

**Planning Division Conditions**

1. Project Description

This Coastal Planned Development Permit is based on and limited to compliance with the project description stated in this condition below, Exhibits 3 and 6 of the Planning Director hearing on June 30, 2022, and conditions of approval set forth below. Together, these conditions and documents describe the “Project.” Any deviations from the Project must first be reviewed and approved by the County in order to determine if the Project deviations conform to the Project as approved. Project deviations may require Planning Director approval for changes to the permit or further California Environmental Quality Act (CEQA) environmental review, or both. Any Project deviation that is implemented without requisite County review and approval(s) may constitute a violation of the conditions of this permit and applicable law.

The Project description is as follows:

Caltrans is proposing to repave State Route (SR) 1 (referred to as “VEN-1 Cold Plane and Overlay AC Pavement Project”) in the unincorporated area of Ventura County between Emma Wood State Beach Access Road Post Mile (PM) 21.3 and Mobile Pier Road/Seacliff Exit 78 PM 28.4.

The project will be completed in approximately 580 days (no weekend work will occur) (see Table 1 (below))

<b>Table 1 CALTRANS Re-Pavement of State Route 1 (SR 1)</b>		
<b>Phase</b>	<b>Location</b>	<b>Duration</b>
1	Emma Wood State Beach Access Road (PM 21.3) to Mobile Pier Road/Seacliff Exit 78 (PM 28.4); Approximately 37,488 lineal feet (7.1 miles)	580 Days

Traffic Control: Traffic control measures will be implemented as sections of SR 1 are repaved; once a section of SR 1 is complete, it will be opened for use. Construction areas will be delineated with orange cones. Temporary construction signs and a digital message boards would be installed at either side of the construction zone, informing motorists, bicyclists, and pedestrians that construction activities are underway and access through the area will be detoured. Flagman will be on either side of the construction zone to guide the public through designated detours.

<p align="center"> <b>County of Ventura</b>  <b>Planning Director Hearing</b>  <b>PL22-0002</b>  <b>Exhibit 5 - Conditions of Approval and</b>  <b>Minimization Measures</b> </p>
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Temporary Road Closures: The project will temporarily close the Rincon Parkway Campground (127 parking spaces available for Recreational Vehicle (RV) use) and hinder public parking and access to beaches and private property along the north coast of the unincorporated area of Ventura County. Hobson Beach Park, Faria Beach Park, and Emma Wood State Beach will remain open during construction. Ventura Private property owners will be notified by mail when SR 1 will be under construction and "Temporary No Parking" signs will be posted with the dates of the closure (Condition of Approval No. 20). General Services Agency County Parks will be advised when the Rincon Parkway Campground will need to be temporarily closed (Condition of Approval No. 19). Areas along SR 1 not under construction will remain open to the public.

Re-Pavement Activities: The existing road surface will be removed and re-paved. All proposed road improvements are within the Caltrans right-of-way road easement. Between PM 21.25 to PM 27.5 and PM 27.7 to PM 28.40 construction activities include resurfacing distressed Asphalt Concrete (AC) pavement by overlaying existing pavement, From PM 27.5 to PM 27.7, Cold Planing (CP) would remove surface of the existing pavement to the desired depth. The ground below would be leveled to remove bumps, dips, and potholes. A sub-base will be applied and compacted. Once a compact sub-base has been installed, asphalt is transported to the road site and poured onto the surface, distributed evenly, and compacted. The pavement is overlaid with Rubberized Hot Mix Asphalt - Gap Graded (RHMA-G) on the travelled way and shoulders. Following the installation of paving, shoulder backing would be put in. Shoulder backing is a thin course of granular material that is used to protect the outside edge of the pavement by providing support that prevents edge cracking and pavement edge loss. Shoulder backing also minimizes drop-off heights for overlays. Asphalt concrete dikes will be upgraded, existing drainage inlet grates will be replaced with bicycle friendly grates, and utility manholes (Bell System) will be adjusted to grade. The road will then be striped, and bicycle lanes delineated with green-colored pavement to identify the bike lane from the roadway. The grinding and overlay of the road surface will be done shift by shift so that after each shift, the highway is completely open. All striping will be done all at once, approximately one week after the grind and overlay is complete.

The location of the construction staging, and storage areas and portable asphalt batch plant will be identified once the contractor has been retained and under contract. A temporary location for the portable asphalt batch plant may be adjacent to an on- or off-ramp located on the eastern side of US 101, unless the contractor hauls asphalt to a designated receiving site.

Guardrails: Approximately 6,620 linear feet (LF) of metal beam guard rails (MBGR) (29 inches in height) will be replaced with approximately 7,015 LF of the Midwest Guardrail System (MGS) (31 inches in height). The additional 395 lineal feet of MGS is not limited to a specific location and instead ensures guardrails being replaced comply with new standard requirements that the minimum length of MGS be 150 feet. The MGS meets

the current Manual for Assessing Safety Hardware and Caltrans Traffic Safety Guidance and is of similar construction and material to the existing MBGR.

**New Crosswalk:** One striped crosswalk with a Pedestrian Hybrid Beacon (PHB) and two flashing beacons would be installed at PM 24.4 near Mondo's Beach. The marked crosswalk will have a pedestrian push button device on either side of SR 1 for pedestrians to use when they are ready to enter the crosswalk. A 30-foot-tall light post with a 26-foot-tall PHB will be installed on the south side of the cross walk. The PHB extends approximately 55 feet over SR 1 and will include pedestrian beacons and a sign mounted on the pole. One 20 foot tall warning beacon with a pole that extends approximately 18 feet across SR 1 will be installed approximately 55 feet east of the cross walk (northbound lane) and one 26-foot-tall warning beacon with a pole that extends approximately 55 feet across SR 1 will be installed approximately 62 feet west of the cross walk (southbound lane). The flashing beacons warn drivers of the upcoming crosswalk. Additionally, one utility cabinet (5.5 feet high, 2 feet wide, and 2.5 feet depth) would be installed on the landward side of the crosswalk.

**Signs:** A total of 396 existing signs along the limits of the project site will be replaced with new signs of the same size and regulatory, warning and guide information. No new signs are proposed (Exhibit 3, Plans).

**Best Management Practices (BMPs):** Caltrans will incorporate all appropriate temporary Stormwater and Erosion Control Best Management Practices (BMPs) prior to construction and maintain temporary BMPs throughout construction activities. Because the project is CAPM (Cold Plane and Overlay AC Pavement) project no permanent BMPs are required for this project

The grading, development, use, and maintenance of the property, the size, shape, arrangement, and location of structures, parking areas, and the protection and preservation of coastal resources shall conform to the project description above and all approved County land use hearing exhibits in support of the Project and conditions of approval below.

## 2. Required Improvements for the Coastal PD

**Purpose:** To ensure the project site conforms to the plans approved at the Planning Director hearing in support of the project.

**Requirement:** The Permittee shall ensure that all required off-site and on-site improvements for the Project, including paving, parking, signs, striping, guardrail and crosswalk and pedestrian signals are completed in conformance with the approved plans stamped as hearing Exhibit 3. The Permittee shall prepare and submit all final road improvement plans for the County's review and approval in accordance with the approved plans. Construction staging and storage areas and (if proposed) the location(s) of the portable asphalt batch plant, shall not require vegetation or tree removal.

**Documentation:** The Permittee shall obtain Planning Division staff's stamped approval on the project plans and submit them to the County for inclusion in the Project file. The Permittee shall submit additional plans to the Planning Division for review and stamped approval (e.g., construction staging and storage plans, location(s) of the portable asphalt batch plant and traffic control plan) for inclusion in the Project file.

**Timing:** Prior to the issuance of a Zoning Clearance for construction the Permittee shall submit all final development plans to the Planning Division for review and approval. Unless the Planning Director allows the Permittee to provide financial security and a final executed agreement, approved as to form by the County Counsel, that ensures completion of such improvements, the Permittee shall complete all required improvements within the construction duration of 580 days, unless upon written request a time extension is provided to the Planning Division. The Permittee shall maintain the required improvements for the life of the Project.

**Monitoring and Reporting:** The Public Works Agency Grading Inspector, Fire Marshall, and/or Planning Division staff has the authority to conduct periodic site inspections to ensure the Permittee's ongoing compliance with this condition consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

### 3. Site Maintenance

**Purpose:** To ensure that the Project site is maintained in a neat and orderly manner so as not to create any hazardous conditions or unsightly conditions which are visible from outside of the Project site.

**Requirement:** The Permittee shall maintain the Project site in a neat and orderly manner, and in compliance with the Project description set forth in Condition No. 1. Only equipment and/or materials which the Planning Director determines to substantially comply with the Project description shall be stored within the Project site during the life of the Project. Equipment and materials shall be stored in designated construction storage and staging areas and portable asphalt batch plant, as shown on the final development plans required pursuant to Condition of Approval 2 (above).

**Documentation:** The Permittee shall maintain the Project site in compliance with Condition No. 1 and the approved plans for the Project.

**Timing:** The Permittee shall maintain the Project site in a neat and orderly manner and in compliance with Condition No. 1 throughout the life of the Project.

**Monitoring and Reporting:** The County Building Inspector, Public Works Agency Grading Inspector, Fire Marshall, and/or Planning Division staff has the authority to conduct periodic site inspections to ensure the Permittee's ongoing compliance with this condition consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

4. Coastal PD Permit Modification

Prior to undertaking any operational or construction-related activity which is not expressly described in these conditions, the Permittee shall first contact the Planning Director to determine if the proposed activity requires a modification of this Coastal PD. The Planning Director may, at the Planning Director's sole discretion, require the Permittee to file a written and/or mapped description of the proposed activity in order to determine if a Coastal PD modification is required. If a Coastal PD modification is required, the modification shall be subject to:

- a. The modification approval standards of the Ventura County Ordinance Code in effect at the time the modification application is acted on by the Planning Director; and
- b. Environmental review, as required pursuant to the California Environmental Quality Act (CEQA; California Public Resources Code, §§ 21000-21178) and the State CEQA Guidelines (California Code of Regulations, Title 14, Chapter 3, §§ 15000-15387), as amended from time to time.

5. Construction Activities

Prior to any construction, the Permittee shall obtain a Zoning Clearance for construction from the Planning Division.

6. Acceptance of Conditions and Schedule of Enforcement Responses

The Permittee's acceptance of this Coastal PD Permit and/or commencement of construction and/or operations under this Coastal PD Permit shall constitute the Permittee's formal agreement to comply with all conditions of this Coastal PD Permit. Failure to abide by and comply with any condition of this Coastal PD Permit shall constitute grounds for enforcement action provided in the Ventura County Coastal Zoning Ordinance (Article 13), which shall include, but is not limited to, the following:

- a. Public reporting of violations to the Planning Commission and/or Board of Supervisors;
- b. Suspension of the permitted land uses (Condition No. 1);
- c. Modification of the Coastal PD Permit conditions listed herein;
- d. Recordation of a "Notice of Noncompliance" on the deed to the subject property;
- e. The imposition of civil administrative penalties; and/or
- f. Revocation of this Coastal PD Permit.

The Permittee is responsible for being aware of and complying with the Coastal PD Permit conditions and all applicable federal, state, and local laws and regulations.

7. Time Limits

- (1) At the conclusion of the local appeal period set forth in the Ventura County Coastal Zoning Ordinance (Section 8181-9.2), or following a final decision on



a filed appeal, the Planning Division shall send a Notice of Final Decision to the California Coastal Commission (CCC). The CCC may set another appeal period pursuant to terms and conditions set forth in the California Coastal Act (Pub. Res. Code, Section 30000 et seq.). Following the expiration of the CCC's appeal period, and if no appeals are filed, the decision regarding the Coastal PD Permit will be considered "effective." Once the approval decision becomes effective, the Permittee must obtain a Zoning Clearance in order to conduct the construction activities and use the property as set forth in Condition No. 1 (Project Description).

- (2) This Coastal PD Permit shall expire and become null and void if the Permittee fails to obtain a Zoning Clearance for construction within one year [Ventura County Coastal Zoning Ordinance (§ 8181-7.7)] from the date the approval decision of this Coastal PD becomes effective. The Planning Director may grant a one year extension of time to the Permittee in order to obtain the Zoning Clearance for construction if the Permittee can demonstrate to the satisfaction of the Planning Director that the Permittee has made a diligent effort to implement the Project, and the Permittee has requested the time extension in writing prior to the one year expiration date.
- (3) Prior to the issuance of the Zoning Clearance for construction, all fees and charges billed to that date by any County agency, as well as any fines, penalties, and sureties, must be paid in full. After issuance of the Zoning Clearance for construction, any final billed processing fees must be paid within 30 days of the billing date, or the County may revoke this Coastal PD Permit.

8. Documentation Verifying Compliance with Other Agencies' Requirements Related to this Coastal PD Permit

**Purpose:** To ensure compliance with, and notification of, federal, state, and/or local government regulatory agencies that have requirements that pertain to the Project (Condition No. 1, above) that is the subject of this Coastal PD Permit.

**Requirement:** Upon the request of the Planning Director, the Permittee shall provide the Planning Division with documentation (e.g., copies of permits or agreements from other agencies, which are required pursuant to a condition of this Coastal PD Permit) to verify that the Permittee has obtained or satisfied all applicable federal, state, and local entitlements and conditions that pertain to the Project.

**Documentation:** The Permittee shall provide this documentation to Planning Division staff in the form that is acceptable to the agency issuing the entitlement or clearance, to be included in the Planning Division Project file.

**Timing:** The documentation shall be submitted to the Planning Division prior to the issuance of the Zoning Clearance for construction.

**Monitoring and Reporting:** The Planning Division maintains the documentation provided by the Permittee in the respective Project file. In the event that the federal, state, or local government regulatory agency prepares new documentation due to changes in the Project or the other agency's requirements, the Permittee shall submit the new documentation within 30 days of receipt of the documentation from the other agency.

9. Notice of Coastal PD Permit Requirements and Retention of Coastal PD Permit Conditions On Site

**Purpose:** To ensure full and proper notice of these Coastal PD Permit conditions affecting the use of the subject property.

**Requirement:** Unless otherwise required by the Planning Director, the Permittee shall notify, in writing, the Property Owner(s) of record, contractors, and all other parties and vendors who regularly conduct activities associated with the Project, of the pertinent conditions of this Coastal PD Permit.

**Documentation:** The Permittee shall maintain a current set of Coastal PD Permit conditions and exhibits at the project site.

**Timing:** Prior to issuance of a Zoning Clearance for Construction and throughout the life of the Project.

**Monitoring and Reporting:** The Planning Division has the authority to conduct periodic site inspections to ensure ongoing compliance with this condition consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

10. Defense and Indemnification

- a. The Permittee shall defend, at the Permittee's sole expense with legal counsel acceptable to the County, against any and all claims, actions, or proceedings against the County, any other public agency with a governing body consisting of the members of the County Board of Supervisors, or any of their respective board members, officials, employees and agents (collectively, "Indemnified Parties") arising out of or in any way related to the County's issuance, administration, or enforcement of this Coastal PD Permit. The County shall promptly notify the Permittee of any such claim, action or proceeding and shall cooperate fully in the defense.
- b. The Permittee shall also indemnify and hold harmless the Indemnified Parties from and against any and all losses, damages, awards, fines, expenses, penalties, judgments, settlements, or liabilities of whatever nature, including but not limited to court costs and attorney fees (collectively, "Liabilities"), arising out of or in any way related to any claim, action or proceeding subject to subpart (a) above, regardless of how a court apportions any such Liabilities as between the Permittee, the County, and/or third parties.

- c. Except with respect to claims, actions, proceedings, and Liabilities resulting from an Indemnified Party's sole active negligence or intentional misconduct, the Permittee shall also indemnify, defend (at Permittee's sole expense with legal counsel acceptable to County), and hold harmless the Indemnified Parties from and against any and all claims, actions, proceedings, and Liabilities arising out of, or in any way related to, the construction, maintenance, land use, or operations conducted pursuant to this Coastal PD Permit, regardless of how a court apportions any such Liabilities as between the Permittee, the County, and/or third parties. The County shall promptly notify the Permittee of any such claim, action, or proceeding and shall cooperate fully in the defense.
- d. Neither the issuance of this Coastal PD Permit, nor compliance with the conditions hereof, shall relieve the Permittee from any responsibility otherwise imposed by law for damage to persons or property; nor shall the issuance of this Coastal PD Permit serve to impose any liability upon the Indemnified Parties for injury or damage to persons or property.

11. Invalidation of Condition(s)

If any of the conditions or limitations of this Coastal PD Permit are held to be invalid in whole or in part by a court of competent jurisdiction, that holding shall not invalidate any of the remaining Coastal PD Permit conditions or limitations. In the event that any condition imposing a fee, exaction, dedication, or other mitigation measure is challenged by the Permittee in an action filed in a court of competent jurisdiction, or threatened to be filed therein, the Permittee shall be required to fully comply with this Coastal PD Permit, including without limitation, by remitting the fee, exaction, dedication, and/or by otherwise performing all mitigation measures being challenged. This Coastal PD Permit shall continue in full force unless, until, and only to the extent invalidated by a final, binding judgment issued in such action.

If a court of competent jurisdiction invalidates any condition in whole or in part, and the invalidation would change the findings and/or the mitigation measures associated with the approval of this Coastal PD Permit, at the discretion of the Planning Director, the Planning Director may review the project and impose substitute feasible conditions/mitigation measures to adequately address the subject matter of the invalidated condition. The Planning Director shall make the determination of adequacy. If the Planning Director cannot identify substitute feasible conditions/mitigation measures to replace the invalidated condition and cannot identify overriding considerations for the significant impacts that are not mitigated to a level of insignificance as a result of the invalidation of the condition, then this Coastal PD Permit may be revoked.

12. Consultant Review of Information and Consultant Work

The County and all other County permitting agencies for the Project have the option of referring any and all special studies that these conditions require to an independent and

qualified consultant for review and evaluation of issues beyond the expertise or resources of County staff.

Prior to the County engaging any independent consultants or contractors pursuant to the conditions of this Coastal PD Permit, the County shall confer in writing with the Permittee regarding the necessary work to be contracted, as well as the estimated costs of such work. Whenever feasible, the County will use the lowest responsible bidder or proposer. Any decisions made by County staff in reliance on consultant or contractor work may be appealed pursuant to the appeal procedures contained in the Ventura County Zoning Ordinance Code then in effect.

The Permittee may hire private consultants to conduct work required by the County, but only if the consultant and the consultant's proposed scope-of-work are first reviewed and approved by the County. The County retains the right to hire its own consultants to evaluate any work that the Permittee or a contractor of the Permittee undertakes. If the County hires a consultant to review any work undertaken by the Permittee or hires a consultant to review the work undertaken by a contractor of the Permittee, the hiring of the consultant will be at the Permittee's expense.

### 13. Relationship of Coastal PD Permit Conditions, Laws, and Other Entitlements

The Permittee shall implement the Project in compliance with all applicable requirements and enactments of federal, state, and local authorities. In the event of conflict between various requirements, the more restrictive requirements shall apply. In the event the Planning Director determines that any Coastal PD Permit condition contained herein is in conflict with any other Coastal PD Permit condition contained herein, when principles of law do not provide to the contrary, the Coastal PD Permit condition most protective of public health and safety and environmental resources shall prevail to the extent feasible.

No condition of this Coastal PD Permit for uses allowed by the Ventura County Ordinance Code shall be interpreted as permitting or requiring any violation of law, lawful rules, or regulations, or orders of an authorized governmental agency. Neither the approval of this Coastal PD Permit, nor compliance with the conditions of this Coastal PD Permit, shall relieve the Permittee from any responsibility otherwise imposed by law for damage to persons or property.

### 14. Undergrounding of Utilities

**Purpose:** In order to ensure that public utility extensions from the point of connection to the structure(s) comply with General Plan Public Utilities Policy 4.5.2.3.

**Requirement:** Where above-ground transmission line placement would unavoidably affect views, undergrounding shall be required where it is technically and economically feasible unless it can be shown that other alternatives are less environmentally damaging. When above-ground facilities are necessary, design and color shall be compatible with the surroundings to the extent safety and economic considerations allow. Where undergrounding of utilities is feasible, the Permittee shall place utility service lines

beneath the roadway to minimize impacts associated with trenching and native vegetation removal.

**Documentation:** The Permittee shall provide a copy of the project plans denoting the location of utility service lines, point of connection, and alignment to the structure(s) the utility will serve, to the Planning Division for review and approval, to be maintained as part of the project file. If utility service lines cannot be undergrounded, the Permittee shall provide documentation to support the alternate location, design, materials and color of the equipment.

**Timing:** Prior to the issuance of a Zoning Clearance for construction, the location of utility service lines shall be noted on all building and grading plans for review and approval by the Planning Division.

**Monitoring and Reporting:** The Planning Division has the authority to conduct site inspections to ensure ongoing compliance by the Permittee with this condition consistent with the requirements § 8183-5 of the Ventura County Coastal Zoning Ordinance.

#### 15. Contact Person

**Purpose:** To designate a person responsible for responding to complaints.

**Requirement:** The Permittee shall designate a contact person(s) to respond to complaints from citizens and the County which are related to the permitted uses of this Coastal PD Permit.

**Documentation:** The Permittee shall provide the Planning Director with the contact information (e.g., name and/or position title, address, business and cell phone numbers, and email addresses) of the Permittee's field agent who receives all orders, notices, and communications regarding matters of condition and code compliance at the Project site.

**Timing:** Prior to the issuance of a Zoning Clearance for construction, the Permittee shall provide the Planning Division the contact information of the Permittee's field agent(s) for the Project file. If the address or phone number of the Permittee's field agent(s) should change, or the responsibility is assigned to another person, the Permittee shall provide Planning Division staff with the new information in writing within three calendar days of the change in the Permittee's field agent.

**Monitoring and Reporting:** The Planning Division maintains the contact information provided by the Permittee in the Project file. The Planning Division has the authority to periodically confirm the contact information consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance].

#### 16. Avoidance of Nesting Birds

**Purpose:** In order to prevent impacts to birds protected under the Migratory Bird Treaty Act, land clearing and construction activities shall be regulated.

**Requirement:** The Permittee shall conduct all demolition and construction in such a way as to avoid nesting native birds. This can be accomplished by implementing one of the following options:

- a. Timing of demolition and construction: Prohibit demolition and construction activities during the breeding and nesting season January 1 – September 15 for Ventura County CZO), in which case the following surveys are not required; or
- b. Surveys and avoidance of occupied nests: Conduct site-specific surveys prior to demolition and construction activities during the breeding and nesting season (January 1 – September 15 for Ventura County CZO) and avoid occupied bird nests. A County-approved biologist shall conduct surveys to identify any occupied (active) bird nests in the area proposed for disturbance. Occupied nests shall be avoided until juvenile birds have vacated the nest.

*Note: Caltrans has identified District Biologist, Mario Mariotta, (213) 897-9362 or [Mario.Mariotta@dot.ca.gov](mailto:Mario.Mariotta@dot.ca.gov).*

The County-approved biologist shall conduct an initial breeding and nesting bird survey 30 days prior to the initiation of demolition and construction activities. The County-approved biologist shall continue to survey the Project site on a weekly basis, with the last survey completed no more than 3 days prior to the initiation of land clearing activities. The nesting bird survey must cover the development footprint and 300 feet from the development footprint. If occupied (active) nests are found, demolition and construction activities within a setback area surrounding the nest shall be postponed or halted. Demolition and construction activities may commence in the setback area when the nest is vacated (juveniles have fledged) provided that there is no evidence of a second attempt at nesting, as determined by the County-approved biologist. Demolition and construction activities can also occur outside of the setback areas. Pursuant to the recommendations of the California Department of Fish and Wildlife, the required setback is 300 feet for most birds and 500 feet for raptors. This setback can be increased or decreased based on the recommendation of the County-approved biologist and approval from the Planning Division.

**Documentation:** The Permittee shall provide to the Planning Division a Survey Report from a County-approved biologist documenting the results of the initial nesting bird survey and a plan for continued surveys and avoidance of nests in accordance with the requirements set forth in this condition (above). Along with the Survey Report, the Permittee shall provide a copy of a signed contract (financial information redacted) with a County-approved biologist responsible for the surveys, monitoring of any occupied nests discovered, and establishment of mandatory setback areas. The Permittee shall submit to the Planning Division a Mitigation Monitoring Report from a County-approved biologist following demolition and construction activities documenting actions taken to avoid nesting birds and results.

**Timing:** If demolition and construction activities will occur between January 1 – September 15 for Ventura County CZO, the County-approved biologist shall conduct the nesting bird surveys 30 days prior to initiation of demolition and construction activities, and weekly thereafter. The last survey for nesting birds shall be conducted no more than 3 days prior to initiation of demolition and construction activities. The Permittee shall submit the Survey Report documenting the results of the first nesting bird survey and the signed contract to the Planning Division prior to issuance of a zoning clearance for construction. The Permittee shall submit the Mitigation Monitoring Report within 14 days of completion of the demolition and construction activities.

**Monitoring and Reporting:** The Planning Division reviews the Survey Report and signed contract for adequacy prior to issuance of a Zoning Clearance for Construction. The Planning Division maintains copies of the signed contract, Survey Report, and Mitigation Monitoring Report in the Project file.

17. Archaeological Resources Discovered During Ground Disturbance

**Purpose:** In order to mitigate potential impacts to archaeological resources discovered during ground disturbance.

**Requirement:** The Permittee shall implement the following procedures:

- a. If any archaeological or historical artifacts are uncovered during ground disturbance or construction activities, the Permittee shall:
  - i. Cease operations and assure the preservation of the area in which the discovery was made;
  - ii. Notify the Planning Director in writing, within three days of the discovery;
  - iii. Obtain the services of a County-approved archaeologist who shall assess the find and provide recommendations on the proper disposition of the site in a written report format;
  - iv. Obtain the Planning Director's written concurrence of the recommended disposition of the site before resuming development; and
  - v. Implement the agreed upon recommendations.
- b. If any human burial remains are encountered during ground disturbance or construction activities, the Permittee shall:
  - i. Cease operations and assure the preservation of the area in which the discovery was made;

- ii. Immediately notify the County Coroner and the Planning Director;
- iii. Obtain the services of a County-approved archaeologist and, if necessary, Native American Monitor(s), who shall assess the find and provide recommendations on the proper disposition of the site in a written report format;
- iv. Obtain the Planning Director's written concurrence of the recommended disposition of the site before resuming development on-site; and
- v. Implement the agreed upon recommendations.

**Documentation:** If archaeological remains are encountered, the Permittee shall submit a report prepared by a County-approved archaeologist including recommendations for the proper disposition of the site. Additional documentation may be required to demonstrate that the Permittee has implemented any recommendations made by the archaeologist's report.

**Timing:** If any archaeological remains are uncovered during ground disturbance or construction activities, the Permittee shall provide the written notification to the Planning Director within three days of the discovery. The Permittee shall submit the archaeological report to the Planning Division immediately upon completion of the report.

**Monitoring and Reporting:** The Permittee shall provide the archaeological report to the Planning Division to be made part of the Project file. The Permittee shall implement any recommendations made in the archaeological report to the satisfaction of the Planning Director. The archaeologist shall monitor all ground disturbance activities within the area in which the discovery was made, in order to ensure the successful implementation of the recommendations made in the archaeological report. The Planning Division has the authority to conduct site inspections to ensure that the Permittee implements the recommendations set forth in the archaeological report, consistent with the requirements of Section 8183-5 of the Ventura County Coastal Zoning Ordinance.

#### 18. Paleontological Resources Discovered During Grading

**Purpose:** In order to mitigate potential impacts to paleontological resources that may be encountered during ground disturbance or construction activities.

**Requirement:** If any paleontological remains are uncovered during ground disturbance or construction activities, the property owner shall:

1. Cease operations and assure the preservation of the area in which the discovery was made;
2. Notify the Planning Director in writing, within three days of the discovery;



3. Obtain the services of a paleontological consultant or professional geologist who shall assess the find and provide a report that assesses the resources and sets forth recommendations on the proper disposition of the site;
4. Obtain the Planning Director's written concurrence with the recommended disposition of the site before resuming development; and
5. Implement the agreed upon recommendations.

**Documentation:** The property owner shall submit the paleontologist's or geologist's reports. Additional documentation may be required to demonstrate that the property owner has implemented the recommendations set forth in the paleontological report.

**Timing:** If any paleontological remains are uncovered during ground disturbance or construction activities, the property owner shall provide the written notification to the Planning Director within three days of the discovery. The property owner shall submit the paleontological report to the Planning Division immediately upon completion of the report.

**Monitoring and Reporting:** The property owner shall provide the paleontological report to the Planning Division to be made part of the Project file. The property owner shall implement any recommendations made in the paleontological report to the satisfaction of the Planning Director. The paleontologist shall monitor all ground disturbance activities within the area in which the discovery was made, in order to ensure the successful implementation of the recommendations made in the paleontological report. The Planning Division has the authority to conduct site inspections to ensure that the property owner implements the recommendations set forth in the paleontological report, consistent with the requirements of § 8114-3 of the Ventura County Non-Coastal Zoning Ordinance.

#### 19. Construction Noise

**Purpose:** In order for this project to comply with the Ventura County General Plan Goals, Policies and Programs Noise Policy 2.16.2-1(5) and the County of Ventura Construction Noise Threshold Criteria and Control Plan (Amended 2010).

**Requirement:** The Permittee shall limit construction activity for site preparation and development to the hours between 7:00 a.m. and 7:00 p.m., Monday through Friday, and from 9:00 a.m. to 7:00 p.m. Saturday, Sunday, and State holidays. Construction equipment maintenance shall be limited to the same hours. Non-noise generating construction activities such as interior painting are not subject to these restrictions.

**Documentation:** The Permittee shall post a sign stating these restrictions in a conspicuous location on the Project site, in order so that the sign is visible to the general public. The Permittee shall provide photo documentation showing posting of the required signage to the Planning Division, prior to the commencement of grading and construction activities. The sign must provide a telephone number of the site foreman, or other person who controls activities on the jobsite, for use for complaints from the public. The Permittee

shall maintain a "Complaint Log," noting the date, time, complainant's name, complaint, and any corrective action taken, in the event that the Permittee receives noise complaints. The Permittee must submit the "Complaint Log" to the Planning Division upon the Planning Director's request.

**Timing:** The Permittee shall install the sign prior to the issuance of Zoning Clearance No. 1 and throughout all grading and construction activities. The Permittee shall maintain the signage on-site until all grading and construction activities are complete. If the Planning Director requests the Permittee to submit the "Complaint Log" to the Planning Division, the Permittee shall submit the "Complaint Log" within one day of receiving the Planning Director's request.

**Monitoring and Reporting:** The Planning Division reviews, and maintains in the Project file, the photo documentation of the sign and the "Complaint Log." The Planning Division has the authority to conduct site inspections and take enforcement actions to ensure that the Permittee conducts grading and construction activities in compliance with this condition, consistent with the requirements of § 8183-5 of the *Ventura County Coastal Zoning Ordinance*.

#### 20. Rincon Parkway Campground - Temporary Closure

**Purpose:** To ensure compliance with Coastal Act Section 30221 and the Ventura County Local Coastal Program Coastal Area Plan Policy 4.2.2.7 Recreation and Access which requires oceanfront land suitable for recreational use be protected and to ensure the temporary closure of the Rincon Parkway Campground is minimized to the maximum extent feasible.

**Requirement:** The Permittee shall coordinate with the Ventura County General Services Agency (GSA), Parks Department to identify the dates, times, and duration of when site preparation and construction is to occur on State Route 1, adjacent to the Rincon Parkway Campground (Post Mile 25.6 to Post Mile 26.7). The Permittee shall install two digital message boards that operate 24 hours/7 days a week on either side of the Rincon Parkway Campground informing the public of the campground closure and re-opening of the campground.

**Documentation:** The Permittee shall submit a construction schedule (including traffic control plan) to GSA Parks Department for the section of State Route 1, adjacent to Rincon Parkway Campground (Post Mile 25.6 to Post Mile 26.7), and the public service announcement that will be put on the digital message boards for review and approval by the Planning Division and GSA Parks Department. The Permittee shall provide photo documentation to GSA Parks Department and the Ventura County Planning Division showing the required message boards are in place and the message clearly states the Rincon Parkway Campground is temporarily closed and the date the campground will reopen. The Permittee shall provide a telephone number of the site foreman, or other person who controls activities on the jobsite, for use for complaints from the public to GSA Parks Department and Ventura County Planning Division.

**Timing:** Prior to the issuance of Zoning Clearance for construction of the project, the Permittee shall provide written evidence that GSA Parks Department has been provided the approved construction schedule for the section of State Route 1, adjacent to Rincon Parkway Campground (Post Mile 25.6 to Post Mile 26.7), and the public service announcement that will be put on the digital message boards. Three months prior to construction activities for the section of State Route 1, adjacent to Rincon Parkway Campground (Post Mile 25.6 to Post Mile 26.7), the Permittee shall install two digital message boards at either end of the Rincon Parkway Campground. The two digital message boards shall be in working order throughout all construction activities and will be removed once the Rincon Parkway Campground is officially open.

**Monitoring and Reporting:** The Planning Division reviews, and maintains in the Project file, the photo documentation of the digital message boards. The Planning Division has the authority to conduct site inspections and take enforcement actions to ensure that the Permittee conducts construction activities in compliance with this condition, consistent with the requirements of § 8183-5 of the *Ventura County Coastal Zoning Ordinance*.

21. Private, County, and State Owned Property Notification of Construction Schedule

**Purpose:** To ensure property owners, and County and State Parks, located adjacent to the project site that would be directly affected by construction activities are timely informed of the initiation of construction activities that will temporarily limit access and parking.

**Requirement:** The Permittee shall provide the Planning Director and all property owners between Emma Wood State Beach Access Road (PM 21.3) to Mobile Pier Road/Seacliff Exit 78 (PM 28.4), a letter with information identifying the initiation of construction activities and completion date ("Notification Letter"). The Permittee shall request, at the Permittee's expense, a current list of property owners ("mailing list") from the Planning Division for the purpose of notification. Temporary "No Parking" with the dates parking will not be made available, shall be posted throughout the project area.

**Documentation:** The Permittee shall prepare a notification letter for all property owners/residents between Emma Wood State Beach Access Road (PM 21.3) to Mobile Pier Road/Seacliff Exit 78 (PM 28.4), the General Services Agency (GSA) Parks Department, State Parks, and the California Coastal Commission. A current list of property owners from the Planning Division for the purpose of notification shall be prepared verifying the individuals who will be receiving the required notification.

**Timing:** Prior to the issuance of a Zoning Clearance for use inauguration, the Permittee shall provide a copy of the Notification Letter and mailing list to the Planning Division. At least one week prior to a road closure, temporary "No Parking" signs with the dates parking will not be made available, shall be posted throughout the project area.

**Monitoring and Reporting:** The Planning Division maintains the Permittee's Notification and mailing list in the Project file. The Planning Division has the authority to conduct site inspections and take enforcement actions to ensure that the Permittee implements the noticing requirements in compliance with this condition, consistent with the requirements of § 8183-5 of the *Ventura County Coastal Zoning Ordinance*.

### **Caltrans Avoidance and Minimization Measures**

22. All work will be limited to the prism of the roadway. At no point will any construction equipment enter any drainages, creeks, or other waterways.
23. Clearing or grubbing of vegetation will be required for the replacement of the guardrails; clearing and grubbing is limited to areas that have been previously disturbed.
24. Prior to the start of construction, all drain inlets and outlets shall be protected with BMPs to prevent paint, cleaning materials, and other debris from entering drainage courses. All appropriate Stormwater and Erosion Control Best Management Practices (BMPs) will be incorporated into the project specifications.
25. No asphalt grindings shall be used within 100 feet of any watercourse. Watercourse, for this purpose, is defined as any feature, either natural or man-made, which conveys water during any time of year. The limitation on asphalt use near waterways is restricted to shoulder backing.
26. All pollution and litter laws and regulations will be followed by all personnel on site.

### **OTHER VENTURA COUNTY AGENCIES**

#### **Environmental Health Division (EHD) Conditions**

27. Hazardous Materials/Waste Management (General Notice)

**Purpose:** To ensure the storage, handling, and disposal of any potentially hazardous material or waste complies with applicable State and local regulations.

**Requirement:** If hazardous materials above reporting thresholds (200 cubic feet gas, 55 gallons liquid, 500 pounds solid) are stored onsite, or any hazardous wastes are generated, additional permitting, monitoring, and reporting requirements would apply. Additional information on the storage and handling requirements for hazardous materials

and wastes may be found on the Ventura County Environmental Health Division/Certified Unified Program Agency website: <https://vcrma.org/cupa>

**Monitoring:** When applicable, the Ventura County Environmental Health Division/Certified Unified Program Agency issues hazardous material and hazardous waste permits and conducts site inspections.

### **Ventura County Air Pollution Control District (APCD) Conditions**

#### 28. Dust/Odors for Complaints

**Purpose:** To ensure that discharge of air contaminants (odor, dust, etc.) that may result from site operations are minimized to the greatest extent feasible.

**Requirement:** Permittee shall operate in accordance with the Rules and Regulations of the Ventura County Air Pollution Control District, with emphasis on Rule 51, Nuisance, stated below:

- I. A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endangers the comfort, repose, health or safety of any such persons or the public or which cause or have a natural tendency to cause injury or damage to business or property.

**Documentation:** No documentation is required for the purposes of this condition.

**Timing:** Throughout the life of the permit.

#### 29. Portable Asphalt Plant

**Purpose:** To ensure that project operations, including use of the portable asphalt batch plant, shall be conducted in compliance with all applicable VCAPCD Rules and Regulations, in particular Rule 10, (Permits Required).

**Requirement:** The Permittee shall have either a portable PERP or APCD Permit to Operate for any equipment or operation subject to emission control rules. To contact APCD Permitting, please contact the Engineering Division at 805 303 3688 or by email at [engineering@vcapcd.org](mailto:engineering@vcapcd.org).

**Documentation:** An approved Permit to Operate from APCD or a permit from the California Air Resources Board Portable Equipment Registration Program.

**Timing:** The Permittee shall submit the appropriate supporting documentation to APCD for review prior to beginning operation. The Permittee shall provide the Planning

Division these APCD permits, or written confirmation from APCD that the permits are not needed, prior to the issuance of a Zoning Clearance for use inauguration and/or installation.

**Monitoring and Reporting:** A copy of both the approved Permit to Operate or state registration shall be maintained as part of the project file. Ongoing compliance with the requirements of the Permit to Operate shall be accomplished through field inspection by APCD inspectors or during a complaint investigation.

30. Dust Control – Fugitive Dust

**Purpose:** To ensure that fugitive dust and particulate matter that may result from construction operations are minimized to the greatest extent feasible.

**Requirement:** The Permittee shall comply with the provisions of applicable VCAPCD Rules and Regulations, which include but are not limited to, Rule 50 (Opacity) and Rule 55 (Fugitive Dust).

**Documentation:** The Permittee shall ensure compliance with the following provisions:  
I. Fugitive dust throughout the site shall be controlled by the use of a watering truck or equivalent means (except during and immediately after rainfall). Water shall be applied to all unpaved roads, unpaved parking areas or staging areas, and active portions of the site. Environmentally safe dust control agents may be used in lieu of watering.

- II. Signs displaying the APCD 24 Hr Complaint Hotline telephone number (805 303 3700) for public complaints shall be posted in a prominent location visible to the public.

**Timing:** Throughout the life of the permit.

**Reporting and Monitoring:** Monitoring and Enforcement of dust related provisions for shall be conducted by APCD staff on a complaint driven basis.

Cold Plane and Overlay

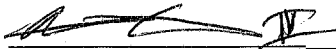
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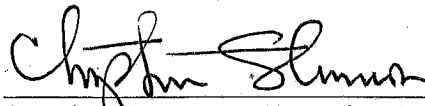
District Programmatic  
**Natural Environment Study**  
(Minimal Impacts)

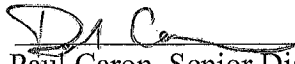
Route 1  
Western Unincorporated Ventura County  
07/VEN/1/PMs 21.2 to 27.2  
EA# 32390; EFIS# 0716000072

**October 2019**

STATE OF CALIFORNIA  
Department of Transportation

Prepared By:  Date: 10-28-19  
Mario Mariotta, Associate District Biologist  
(213) 897-9362  
Division of Environmental Planning  
California Department of Transportation, District 07.

Recommended  
for Approval By:  Date: 10/28/19  
Christopher Stevenson, Associate District Biologist  
(213) 897-0146  
Division of Environmental Planning  
California Department of Transportation, District 07

Approved By:  Date: 10/31/19  
Paul Caron, Senior District Biologist  
(213) 897-0610  
Division of Environmental Planning  
California Department of Transportation, District 07



Additional copies of this document and related technical studies are available for review at the district office: 100 S. Main St. Los Angeles, CA, 90012. This document may also be downloaded upon request. For individuals with sensor disabilities, this document can be made available in Braille, in large print, on audiocassette, or on computer disk. To obtain a copy in one of these alternate formats, please call (213) 897-9362, write to California Department of Transportation, Attn: Mario Mariotta IV, Environmental Planning, 100 S. Main St. Los Angeles, CA 90012, or email [Mario.mariotta@dot.ca.gov](mailto:Mario.mariotta@dot.ca.gov). To use the California Relay Service call 1 (800) 877-8339 (TTY).

**County of Ventura  
Planning Director Hearing  
PL22-0002  
Exhibit 6 - Natural  
Environment Study**

to [Mario.mariotta@dot.ca.gov](mailto:Mario.mariotta@dot.ca.gov). To District 7's Office of Equal Opportunity

# 1. Summary

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The California Department of Transportation (Caltrans) proposes to resurface State Route 1 in western Ventura County to prolong the operating life of the highway. Caltrans will also add safety improvements. All work will occur on the existing highway and disturbed areas; no vegetation removal is planned. Caltrans performed a literature search to review to determine what special status species may occur. Based on the review of the aerial and street-level photography, the project surroundings are mostly non-native, with individual native shrubs interspersed outside of the traveled way. The project will have “no effect” to federally and state listed species. The project will not need permits.

This report will evaluate the impacts associated with the proposed repair/maintenance, as well as describe the effects of the project on any special status species.

## 2. Introduction

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Caltrans proposes to resurface State Route 1 in Ventura County from post-mile (PM) 21.2 to 27.1. Caltrans would resurface the highway by cold planning the existing pavement and overlaying the roadbed with a new layer. Caltrans would also dig out and replace the most deteriorated sections of roadway, upgrade guardrails, install safety devices at two crosswalks, install and upgrade several signs, replace asphalt concrete dikes and replace drainage inlets with bicycle-friendly grates. The project is needed to extend the service life of the highway and improve its safety. The project will prolong the life of the highway and prevent the need for a drastic road replacement project; it will also improve the safety the highway by bringing it up to standard. The project is in western Ventura County, between the cities of Ventura and Carpinteria and spans the “Ventura” and “Pita’s Point” USGS geographic quadrangles.

## 3. Study Methods

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Caltrans Environmental staff reviewed the project description, project plans, aerial photography, the California Department of Fish and Wildlife’s California Natural Diversity Database (CNDDDB) and the US Fish and Wildlife Service’s (USFWS) Information, Planning, and Consultation Website. Impacts were assessed within the biological study area (BSA), which is the area that includes the project impact area and a buffer of 500 feet around the impact area (Figure 1). The BSA was evaluated for the presence of environmentally sensitive habitat areas, pursuant to the California Coastal Act and the Ventura County Local Coastal Program. The USFWS Species List, CNDDDB species, and National Marine Fisheries Service (NMFS) lists are included as Attachments 1, 2, and 3, respectively.



Figure 1. Project Location and BSA Map



## 4. Environmental Setting

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### 4.1. Description of the Existing Biological and Physical Conditions

The project impact area consists of the already-developed highway, which is an asphalt concrete-paved route that has one lane of traffic in each direction without a median and areas with a central turning lane. Most of the project is within 50 feet of the high tide line of the Pacific Ocean, to the south and west. The project's elevation is between 10 and 20 feet above mean sea level. The land between the ocean and the highway has parking areas, rock slope protection, houses, unvegetated beach, scattered shrubs, and ornamental vegetation. The landward side of the project surroundings includes vegetation, a railroad track, the US highway 101 and more open space. Several streams cross under the project site through culverts.

### 4.2. Regional Species and Habitats of Concern

There are records of the legless lizard (*Anniella* sp.) and the San Diego desert woodrat (*Neotoma lepida intermedia*) in the Pita's Point area (PM 25.2 to 25.7). There is suitable habitat for these species in the BSA around this area, but there is no suitable habitat in the project impact area.

### 4.3. Vegetation

The areas of the BSA that have vegetation can be categorized in three types. Much of the vegetation consists of ruderal species. Those areas are vegetated by mustard (*Brassica* sp.), tumbleweed (*Salsola tragus*), rabbit's foot grass (*Polypogon monspeliensis*), poison hemlock (*Foeniculum vulgare*), and castor bean (*Ricinus communis*). Other areas that are vegetated have ornamental species. Lastly there are stands of native species, such as saltbush (*Atriplex* spp.), coast goldenbush (*Isocoma menziesii*), either in isolation on the beach side of the BSA or amongst non-native species. There is also native coastal sage scrub at Pita's Point (PM 25.2-25.6). There are no environmentally sensitive habitat areas in the BSA.

### 4.4. Animals

There are no wildlife species within the project limits since all work will be confined to the prism of the roadway. No impacts to any adjacent wildlife species are expected due to the minor nature of the proposed work and its confinement to the prism of the roadway. As a precaution, avoidance and minimization measures have been included in Section 6 of this document.

## 5. Project Impacts

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Per the investigation techniques described in Section 3 of this document (Study Methods), the project is expected to have no impacts to biological resources due to the limited scope and location of all work within the prism of the roadway. As this project will occur entirely within the prism of the roadway and not include clearing or grubbing, impacts to the special status plant or animal species listed on the CDFW and/or USFWS species lists are not anticipated. There will be no indirect impacts from noise to nesting birds or other biological resources with implementation of the avoidance and minimization measures included in Section 6 of this document.

Indirect impacts from roadway runoff will be minimized through incorporation of all appropriate Stormwater and Erosion Control Best Management Practices (BMPs). This project will result in no impacts to drainages or “Waters of the United States”.

## 6. Avoidance and Minimization Measures

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1. All work will be limited to the prism of the roadway. At no point will any construction equipment enter any drainages, creeks, or other waterways.
2. There will be no clearing or grubbing of vegetation as a result of this project.
3. It is recommended that all cold planing and guardrail post installation occur outside of bird nesting season (February 15<sup>th</sup> through September 1<sup>st</sup>). Should those activities need to be performed during this period, the District Biologist, Mario Mariotta, must be notified two weeks prior to construction (at 213-897-9362 or Mario.Mariotta@dot.ca.gov) to determine if nesting birds are present. In the event that nesting birds are observed, the Resident Engineer (RE) shall pause work until a qualified biologist has determined that fledglings have left the nest. If this is not possible, the RE shall coordinate with the District Biologist to minimize the risk of violating the Migratory Bird Treaty Act (MBTA). Most likely, the District Biologist will recommend a buffer of 150 ft. for songbirds and a buffer of 500 ft. for raptors during all phases of construction. Nesting birds are protected under the MBTA and cannot be impacted by construction activities, including but not limited to noise, dust pollution, and habitat disturbance.
4. Prior to the start of construction, all drain inlets and outlets must be protected with BMPs to prevent paint, cleaning materials, and other debris from entering drainage courses. All appropriate Stormwater and Erosion Control Best Management Practices (BMPs) will be incorporated into the project specifications.

5. No asphalt grindings shall be used within 100 feet of any watercourse. Watercourse, for this purpose, is defined as any feature, either natural or man-made, which conveys water during any time of year. The limitation on asphalt use near waterways is restricted to shoulder backing.
6. All pollution and litter laws and regulations will be followed by all personnel on site.
7. This Division will be provided the Project Specifications & Expenditures Review Package for review and comments.
8. If this project scope should change for any reason, this Division will be notified to determine whether current environmental documentation is adequate.

## 7. Permits Required

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No resource agency permits are required as a result of this project, as there will be no impacts to sensitive biological resources or drainages.

## 8. Conclusion

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In conclusion, all work will be within the prism of the roadway and this project will have no impacts to biological resources, including federal/state threatened/endangered species. In addition, there will be no impacts to “Waters of the U.S.” or “Waters of the State”. To avoid any direct or indirect impacts to sensitive biological resources, avoidance and minimization measures have been included in Section 6 of this document. The project will have “no effect” and “no take” to species listed under the Federal and California Endangered Species Acts, respectively.

As this project currently stands, there is no further need for biological review and this project may proceed. If there should be a change in scope of work, further re-evaluation will be necessary, and this Division should be notified.

## 9. Attachments

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1. USFWS IPaC Species List (Ventura Office)
2. CDFW CNDDDB Species List
3. NMFS Species List



# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Ventura Fish And Wildlife Office  
2493 Portola Road, Suite B  
Ventura, CA 93003-7726  
Phone: (805) 644-1766 Fax: (805) 644-3958

In Reply Refer To:

October 28, 2019

Consultation Code: 08EVEN00-2020-SLI-0050

Event Code: 08EVEN00-2020-E-00104

Project Name: 32390 - Mill and Overlay on VEN-1 in Western Ven. Co.

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

## To Whom It May Concern:

The enclosed list identifies species listed as threatened and endangered, species proposed for listing as threatened or endangered, designated and proposed critical habitat, and species that are candidates for listing that may occur within the boundary of the area you have indicated using the U.S. Fish and Wildlife Service's (Service) Information Planning and Conservation System (IPaC). The species list fulfills the requirements under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.). Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the species list should be verified after 90 days. We recommend that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists following the same process you used to receive the enclosed list. Please include the Consultation Tracking Number in the header of this letter with any correspondence about the species list.

Due to staff shortages and excessive workload, we are unable to provide an official list more specific to your area. Numerous other sources of information are available for you to narrow the list to the habitats and conditions of the site in which you are interested. For example, we recommend conducting a biological site assessment or surveys for plants and animals that could help refine the list.

If a Federal agency is involved in the project, that agency has the responsibility to review its proposed activities and determine whether any listed species may be affected. If the project is a major construction project\*, the Federal agency has the responsibility to prepare a biological assessment to make a determination of the effects of the action on the listed species or critical habitat. If the Federal agency determines that a listed species or critical habitat is likely to be adversely affected, it should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or endangered species or their critical habitat prior to a



Selected Elements by Scientific Name  
 California Department of Fish and Wildlife  
 California Natural Diversity Database



Query Criteria: Imported file selection

EA 32390, 5-mile Buffer

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Agelaius tricolor</i> tricolored blackbird	ABPBXB0020	None	Threatened	G2G3	S1S2	SSC
<i>Anniella sp.</i> California legless lizard	ARACC01070	None	None	G3G4	S3S4	SSC
<i>Antrozous pallidus</i> pallid bat	AMACC10010	None	None	G5	S3	SSC
<i>Aphanisma blitoides</i> aphanisma	PDCHE02010	None	None	G3G4	S2	1B.2
<i>Astragalus didymocarpus var. milesianus</i> Miles' milk-vetch	PDFAB0F2X3	None	None	G5T2	S2	1B.2
<i>Astragalus pycnostachyus var. lanosissimus</i> Ventura Marsh milk-vetch	PDFAB0F7B1	Endangered	Endangered	G2T1	S1	1B.1
<i>Athene cunicularia</i> burrowing owl	ABNSB10010	None	None	G4	S3	SSC
<i>Atriplex coulteri</i> Coulter's saltbush	PDCHE040E0	None	None	G3	S1S2	1B.2
<i>Atriplex pacifica</i> south coast saltscale	PDCHE041C0	None	None	G4	S2	1B.2
<i>Bombus crotchii</i> Crotch bumble bee	IIHYM24480	None	Candidate Endangered	G3G4	S1S2	
<i>California Walnut Woodland</i> California Walnut Woodland	CTT71210CA	None	None	G2	S2.1	
<i>Calochortus fimbriatus</i> late-flowered mariposa-lily	PMLIL0D1J2	None	None	G3	S3	1B.3
<i>Centromadia parryi ssp. australis</i> southern tarplant	PDAST4R0P4	None	None	G3T2	S2	1B.1
<i>Chaenactis glabriuscula var. orcuttiana</i> Orcutt's pincushion	PDAST20095	None	None	G5T1T2	S1	1B.1
<i>Chaetodipus californicus femoralis</i> Dulzura pocket mouse	AMAFD05021	None	None	G5T3	S3	SSC
<i>Charadrius alexandrinus nivosus</i> western snowy plover	ABNNB03031	Threatened	None	G3T3	S2S3	SSC
<i>Chloropyron maritimum ssp. maritimum</i> salt marsh bird's-beak	PDSCR0J0C2	Endangered	Endangered	G4?T1	S1	1B.2
<i>Choeronycteris mexicana</i> Mexican long-tongued bat	AMACB02010	None	None	G4	S1	SSC
<i>Coelus globosus</i> globose dune beetle	IICOL4A010	None	None	G1G2	S1S2	
<i>Danaus plexippus pop. 1</i> monarch - California overwintering population	IILEPP2012	None	None	G4T2T3	S2S3	



Selected Elements by Scientific Name  
California Department of Fish and Wildlife  
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<b><i>Emys marmorata</i></b> western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
<b><i>Eucyclogobius newberryi</i></b> tidewater goby	AFCQN04010	Endangered	None	G3	S3	SSC
<b><i>Eumops perotis californicus</i></b> western mastiff bat	AMACD02011	None	None	G5T4	S3S4	SSC
<b><i>Horkelia cuneata var. puberula</i></b> mesa horkelia	PDR0S0W045	None	None	G4T1	S1	1B.1
<b><i>Lasthenia glabrata ssp. coulteri</i></b> Coulter's goldfields	PDAST5L0A1	None	None	G4T2	S2	1B.1
<b><i>Monardella hypoleuca ssp. hypoleuca</i></b> white-veined monardella	PDLAM180A5	None	None	G4T3	S3	1B.3
<b><i>Navarretia ojaiensis</i></b> Ojai navarretia	PDPLM0C130	None	None	G2	S2	1B.1
<b><i>Neotoma lepida intermedia</i></b> San Diego desert woodrat	AMAFF08041	None	None	G5T3T4	S3S4	SSC
<b><i>Oncorhynchus mykiss irideus pop. 10</i></b> steelhead - southern California DPS	AFCHA0209J	Endangered	None	G5T1Q	S1	
<b><i>Quercus dumosa</i></b> Nuttall's scrub oak	PDFAG050D0	None	None	G3	S3	1B.1
<b><i>Rana boylei</i></b> foothill yellow-legged frog	AAABH01050	None	Candidate Threatened	G3	S3	SSC
<b><i>Rana draytonii</i></b> California red-legged frog	AAABH01022	Threatened	None	G2G3	S2S3	SSC
<b><i>Setophaga petechia</i></b> yellow warbler	ABPBX03010	None	None	G5	S3S4	SSC
<b><i>Southern California Coastal Lagoon</i></b> Southern California Coastal Lagoon	CALE1220CA	None	None	GNR	SNR	
<b><i>Southern California Steelhead Stream</i></b> Southern California Steelhead Stream	CARE2310CA	None	None	GNR	SNR	
<b><i>Southern Coast Live Oak Riparian Forest</i></b> Southern Coast Live Oak Riparian Forest	CTT61310CA	None	None	G4	S4	
<b><i>Southern Coastal Salt Marsh</i></b> Southern Coastal Salt Marsh	CTT52120CA	None	None	G2	S2.1	
<b><i>Southern Sycamore Alder Riparian Woodland</i></b> Southern Sycamore Alder Riparian Woodland	CTT62400CA	None	None	G4	S4	
<b><i>Taxidea taxus</i></b> American badger	AMAJF04010	None	None	G5	S3	SSC
<b><i>Thamnophis hammondi</i></b> two-striped gartersnake	ARADB36160	None	None	G4	S3S4	SSC
<b><i>Vireo bellii pusillus</i></b> least Bell's vireo	ABPBW01114	Endangered	Endangered	G5T2	S2	

Record Count: 41

written request for formal consultation. During this review process, the Federal agency may engage in planning efforts but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act.

Federal agencies are required to confer with the Service, pursuant to section 7(a)(4) of the Act, when an agency action is likely to jeopardize the continued existence of any proposed species or result in the destruction or adverse modification of proposed critical habitat (50 CFR 402.10(a)). A request for formal conference must be in writing and should include the same information that would be provided for a request for formal consultation. Conferences can also include discussions between the Service and the Federal agency to identify and resolve potential conflicts between an action and proposed species or proposed critical habitat early in the decision-making process. The Service recommends ways to minimize or avoid adverse effects of the action. These recommendations are advisory because the jeopardy prohibition of section 7(a)(2) of the Act does not apply until the species is listed or the proposed critical habitat is designated. The conference process fulfills the need to inform Federal agencies of possible steps that an agency might take at an early stage to adjust its actions to avoid jeopardizing a proposed species.

When a proposed species or proposed critical habitat may be affected by an action, the lead Federal agency may elect to enter into formal conference with the Service even if the action is not likely to jeopardize or result in the destruction or adverse modification of proposed critical habitat. If the proposed species is listed or the proposed critical habitat is designated after completion of the conference, the Federal agency may ask the Service, in writing, to confirm the conference as a formal consultation. If the Service reviews the proposed action and finds that no significant changes in the action as planned or in the information used during the conference have occurred, the Service will confirm the conference as a formal consultation on the project and no further section 7 consultation will be necessary. Use of the formal conference process in this manner can prevent delays in the event the proposed species is listed or the proposed critical habitat is designated during project development or implementation.

Candidate species are those species presently under review by the Service for consideration for Federal listing. Candidate species should be considered in the planning process because they may become listed or proposed for listing prior to project completion. Preparation of a biological assessment, as described in section 7(c) of the Act, is not required for candidate species. If early evaluation of your project indicates that it is likely to affect a candidate species, you may wish to request technical assistance from this office.

Only listed species receive protection under the Act. However, sensitive species should be considered in the planning process in the event they become listed or proposed for listing prior to project completion. We recommend that you review information in the California Department of Fish and Wildlife's Natural Diversity Data Base. You can contact the California Department of Fish and Wildlife at (916) 324-3812 for information on other sensitive species that may occur in this area.

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[\*A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.]

Attachment(s):

- Official Species List
-

## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Ventura Fish And Wildlife Office**

2493 Portola Road, Suite B

Ventura, CA 93003-7726

(805) 644-1766

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## Project Summary

Consultation Code: 08EVEN00-2020-SLI-0050

Event Code: 08EVEN00-2020-E-00104

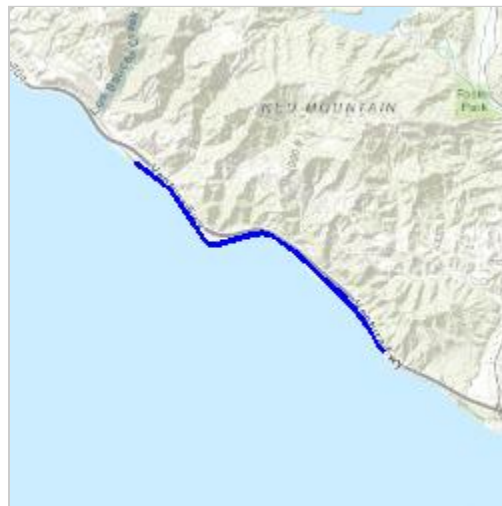
Project Name: 32390 - Mill and Overlay on VEN-1 in Western Ven. Co.

Project Type: TRANSPORTATION

Project Description: The roadway will be cold planed and overlain with a new layer of asphalt from PM 21.2 to 27.2.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/34.31554126998998N119.3631687537274W>



Counties: Ventura, CA

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## Endangered Species Act Species

There is a total of 17 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.
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## Birds

NAME	STATUS
California Condor <i>Gymnogyps californianus</i> Population: U.S.A. only, except where listed as an experimental population There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/8193">https://ecos.fws.gov/ecp/species/8193</a>	Endangered
California Least Tern <i>Sterna antillarum browni</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/8104">https://ecos.fws.gov/ecp/species/8104</a>	Endangered
Least Bell's Vireo <i>Vireo bellii pusillus</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/5945">https://ecos.fws.gov/ecp/species/5945</a>	Endangered
Light-footed Clapper Rail <i>Rallus longirostris levipes</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6035">https://ecos.fws.gov/ecp/species/6035</a>	Endangered
Marbled Murrelet <i>Brachyramphus marmoratus</i> Population: U.S.A. (CA, OR, WA) There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/4467">https://ecos.fws.gov/ecp/species/4467</a>	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/6749">https://ecos.fws.gov/ecp/species/6749</a>	Endangered
Western Snowy Plover <i>Charadrius nivosus nivosus</i> Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/8035">https://ecos.fws.gov/ecp/species/8035</a>	Threatened

## Amphibians

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/2891">https://ecos.fws.gov/ecp/species/2891</a>	Threatened

## Fishes

NAME	STATUS
Tidewater Goby <i>Eucyclogobius newberryi</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/57">https://ecos.fws.gov/ecp/species/57</a>	Endangered

## Crustaceans

NAME	STATUS
Riverside Fairy Shrimp <i>Streptocephalus woottoni</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/8148">https://ecos.fws.gov/ecp/species/8148</a>	Endangered
Vernal Pool Fairy Shrimp <i>Branchinecta lynchi</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/498">https://ecos.fws.gov/ecp/species/498</a>	Threatened

## Flowering Plants

NAME	STATUS
California Orcutt Grass <i>Orcuttia californica</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4923">https://ecos.fws.gov/ecp/species/4923</a>	Endangered
Gambel's Watercress <i>Rorippa gambellii</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4201">https://ecos.fws.gov/ecp/species/4201</a>	Endangered
Marsh Sandwort <i>Arenaria paludicola</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/2229">https://ecos.fws.gov/ecp/species/2229</a>	Endangered
Salt Marsh Bird's-beak <i>Cordylanthus maritimus ssp. maritimus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6447">https://ecos.fws.gov/ecp/species/6447</a>	Endangered
Spreading Navarretia <i>Navarretia fossalis</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/1334">https://ecos.fws.gov/ecp/species/1334</a>	Threatened
Ventura Marsh Milk-vetch <i>Astragalus pycnostachyus var. lanosissimus</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/1160">https://ecos.fws.gov/ecp/species/1160</a>	Endangered

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

