

SPECIFICATIONS

ROAD PRESERVATION TREATMENTS

VARIOUS LOCATIONS IN FRESNO COUNTY

BUDGET / ACCOUNT: 4510 / 7370



Department of Public Works and Planning

CONTRACT NUMBER 24-06-M

T A B L E O F C O N T E N T S

COVER SHEET

COUNTY ADOPTION AND ACKNOWLEDGMENT

Engineer's Signature

NOTICE TO BIDDERS

SPECIAL PROVISIONS

PROJECT DETAILS / DRAWINGS

Project Drawings/Details
Location Maps
2015 Caltrans Standard Plan Sheets A20A and A20B
Construction Funding signs
Advance Notification signs
Caltrans encroachment permit
City of Fresno encroachment permit
City of Clovis encroachment permit
City of Parlier encroachment permit
City of San Joaquin encroachment permit
Self-Dealing Transactions Disclosure Form

BID BOOK

Bidder's Declaration
Bid Form
Abbreviations Used
Bid Security and Signature
Noncollusion Declaration
Public Contract Code
Subcontractor List
Certifications
Opt-Out of Asphalt Concrete Price Fluctuations Form
Guaranty
General Requirements for In-Use Off-Road Diesel-Fueled Fleets

AGREEMENT

Agreement

**COUNTY ADOPTION AND ACKNOWLEDGEMENT
PROJECT: ROAD PRESERVATION TREATMENTS
CONTRACT NUMBER: 24-06-M**

Nathan Magsig, Chairman	5th District
Ernest Buddy Mendes, Vice Chairman	4th District
Brian Pacheco	1st District
Steve Brandau	2nd District
Sal Quintero, Chairman	3rd District

Paul Nerland, County Administrative Officer



Steven E. White, Director
Department of Public Works and Planning

8/6/24
Date

Date Signed: 8/6/24



Supervising Engineer: _____



Joseph C. Harrell, PE C80424

FRESNO COUNTY
Department of Public Works and Planning
m/a 2220 Tulare Street, Suite 720
Fresno, CA 93721-2106

NOTICE TO BIDDERS

Sealed proposals will be received at:

<https://www.bidexpress.com/businesses/36473/home>

and at the Fresno County Department of Public Works and Planning (Department), Office of the Design Engineer, Seventh Floor, Fresno County Plaza Building, 2220 Tulare Street, Fresno, CA 93721 until

**2:00 P.M., (1400 hours and 00 seconds)
Thursday, August 29, 2024**

If you have any questions about bid submission, please contact us at DesignServices@fresnocountyca.gov or calling (559) 353-4919 or (559) 600-4543.

Promptly following the closing of the bidding all timely submitted bids will be publicly opened and viewable via a livestream (the link for which will be posted at <http://www.fresnocountyca.gov/planholders>) for construction in accordance with the project specifications therefor, to which special reference is made as follows:

ROAD PRESERVATION TREATMENTS**VARIOUS LOCATIONS IN FRESNO COUNTY****CONTRACT NUMBER 24-06-M**

The Department of Public Works and Planning proposes to place chip seal coats, cape seal coats, slurry seal coats and traffic striping on various roads in Fresno County. The work to be done consists, in general, of furnishing and placing screenings within or over asphaltic emulsion at various existing roads in Fresno County. The seal coat will be constructed on about 67 centerline miles of roadway on County roads. The project includes roads that currently show signs of distress such as alligator, block, longitudinal, and transverse cracking identified by Road Maintenance & Operation Division. An additional 12 centerline miles of road of seal coats are included as additive bids.

This project is subject to the contracting requirements and implementing regulations as amended in Title 13, Section 2449 General Requirements for In-Use Off-Road Diesel-Fueled Fleets, of the California Code of Regulations (13 CCR § 2449(i)). Bidders must submit a valid Certificates of Reported Compliance (CRCs) issued by the California Air Resources Control Board at the time of bidding. Bidders are responsible for submitting their listed subcontractors' CRCs and any supporting documentation within five (5) calendar days of bid opening. Failure to submit the required CRCs may render a bid nonresponsive.

Bidders may fill out a Request to be Added to Planholders list:

<https://www.fresnocountyca.gov/Departments/Public-Works-and-Planning/Construction-Bidding-Opportunities/Request-to-Be-Added-to-the-Planholders-List-Form>

Requesters will then be listed as a planholder for the project on the website and receive notifications and addenda issued for the project.

Prospective bidders may also select the project on www.BidExpress.com. Those that demonstrate interest in the project will be added to the planholders list, and receive notifications and addenda issued for the project.

Planholder and exchange/publication names may be obtained from the Fresno County website at <http://www.fresnocountyca.gov/planholders>.

Electronic copies, in “.pdf” file format, of the official project specifications, bid books and proposal sheets, and such additional supplemental project information as may be provided, are available to view, download, and print at <http://www.fresnocountyca.gov/planholders>.

If a bidder is unable to submit a bid via Bid Express, Bid Books, which contain bid proposal sheets necessary to submit a bid, may be obtained within the Specifications documents posted on the Fresno County website.

Electronic bids shall be submitted via the BidExpress website. Hardcopy bids shall be submitted in a sealed envelope addressed to the Department and labeled with the name of the bidder, contract number, name of the project, and the statement “Do Not Open Until The Time Of Bid Opening.”

Bid security in the amount of ten (10) percent of the amount of the bid, and in the form of a bid bond issued by an admitted surety insurer licensed by the California Department of Insurance, cash, cashier’s check or certified check shall accompany the bid. You must either attach an electronic bid bond or provide an original bid bond (or other form of bid security authorized by Public Contract Code Section 20129(a)), prior to the bid opening. Bid security shall be made in favor of the County of Fresno.

Hardcopy bid bonds shall be submitted in a sealed envelope addressed to the Department and labeled with the name of the bidder, the name of the project and the statement “Do Not Open Until The Time Of Bid Opening – BID BOND”

A Summary of Bids and a list of subcontractors for the apparent low bidder will be posted at the above listed website, generally within 24 hours of the Bid Opening.

All questions regarding this project shall be in writing and shall be received by the Department of Public Works and Planning, Design Division, no later than 2:00 P.M. on the seventh (7th) calendar day before bid opening. Any questions received after this deadline will not receive a response unless the Department of Public Works and Planning elects to issue an addendum to revise the bid opening date. In the event that the bid opening date is revised, the deadline for questions will be extended to no later than 2:00 P.M. on the seventh (7th) calendar day before the revised bid opening date. Questions shall be submitted on the “Request for Clarification Form” provided on our website:

<https://www.fresnocountyca.gov/Departments/Public-Works-and-Planning/Construction-Bidding-Opportunities/24-06-M-Road-Preservation-Treatments/Request-for-Clarification-Form>

Any changes to, or clarification of, the project plans and specifications shall be in the form of a written addendum issued to planholders of record. Questions that prompt a change or clarification shall be included in the addendum with the subsequent answer.

Any oral explanation or interpretations given to this project are not binding.

No contract will be awarded to a contractor who has not been licensed in accordance with the provisions of the Contractors State License Law, California Business and Professions Code, Division 3, Chapter 9, as amended, or whose bid is not on the proposal form included in the contract

document. A valid California Contractor's License, **Class A (General Engineering) or Class C-12 (Earthwork and Paving) or Class C-32 (Parking and Highway Improvement)**, is required for this project.

Pursuant to Section 1773 of the Labor Code, the general prevailing wage rates in the county, or counties, in which the work is to be done have been determined by the Director of the California Department of Industrial Relations. These wages are set forth in the General Prevailing Wage Rates for this project, available at County of Fresno, Department of Public Works and Planning, 2220 Tulare Street, Sixth Floor, Fresno CA 93721-2104 and available from the California Department of Industrial Relations' Internet web site at <http://www.dir.ca.gov/DLSR/PWD>. Future effective general prevailing wage rates, which have been predetermined and are on file with the California Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This contract is subject to state contract nondiscrimination and compliance requirements pursuant to Government Code, Section 12990.

The U.S. Department of Transportation (DOT) provides a toll-free "hotline" service to report bid rigging activities. Bid rigging activities can be reported Mondays through Fridays, between 8:00 a.m. and 5:00 p.m., Eastern Time, Telephone No. 1-800-424-9071. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report these activities. The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

Bids are required for the entire work described herein, including a bid for the base bid and a bid for each of the additive bids. The total amount of the base bid and additive bid is the cumulative sum of the bid amounts listed for the individual line items. Bids will be compared, for purposes of identifying the apparent low bidder for proposed award of the project, on the basis of the total of the base bid plus the total of all additive bids; provided however, that the ultimate scope of the project, as subsequently determined by the Board of Supervisors at the time of award, may or may not include all or any of the additive bids.

The successful bidder shall furnish a faithful performance bond in the amount of 100 percent of the contract amount and a payment bond in the amount of 100 percent of the contract amount. Each bond specified in this Notice (bid bond, faithful performance bond and payment bond) shall meet the requirements of all applicable statutes, including but not limited to those specified in Public Contract Code section 20129 and Civil Code section 3248.

Each bond specified in this Notice shall be issued by a surety company designated as an admitted surety insurer in good standing with and authorized to transact business in this state by the California Department of Insurance, and acceptable to the County of Fresno. Bidders are cautioned that representations made by surety companies will be verified with the California Department of Insurance. Additionally, the County of Fresno, in its discretion, when determining the sufficiency of a proposed surety company, may require the surety company to provide additional information supported by documentation. The County generally requires such information and documentation

whenever the proposed surety company has either a Best's Key Rating Guide of less than **A** and a financial size designation of less than **VIII**. Provided, however, that the County expressly reserves its right to require all information and documentation to which the County is legally entitled from any proposed surety company.

Pursuant to Public Contract Code Section 22300, substitution of securities for any moneys withheld by the County of Fresno to ensure performance under the contract shall be permitted.

The Board of Supervisors reserves the right to reject any or all bids.

Board of Supervisors, County of Fresno

Paul Nerland, County Administrative Officer

Bernice E. Seidel, Clerk of the Board

Issue Date: August 6, 2024

Special Provisions

DIVISION I GENERAL PROVISIONS
1 GENERAL

1-1.01 GENERAL

Add to the beginning of Section 1:

The work is done in accordance with the 2023 *Standard Specifications*, 2023 *Standard Plans* and the following special provisions.

Where these special provisions indicate to replace, add to, delete, delete from, or otherwise modify a "section," or a portion thereof, the section or portion thereof to which such modification is to be applied is the section or portion thereof with the corresponding numbering in the 2023 *Standard Specifications*.

Revised standard plans apply if listed on the "List of Revised Standard Plans," if any, in these special provisions; or if shown or referenced on the project plans or in the project details section of the book entitled "Specifications."

In case of conflict between the *Standard Specifications* and these special provisions, the special provisions shall take precedence over and be used in lieu of such conflicting portions.

Add to the 1st table of section 1-1.06:

SJVAPCD	San Joaquin Valley air pollution control district
METS	Caltrans Material Engineering and Testing Services

Add to section 1-1.06:

Abbreviations in the Bid Items and Applicable Sections are also used in the Bid Item List - Proposal 2.

Add or Replace items in Section 1-1.07 with:

Authorized Facility Audit List: Caltrans-developed list of facilities. For the Authorized Facility Audit List, go the METS website.

Authorized Material List: Caltrans-developed list of authorized materials. For the Authorized Material List go to the METS website.

Authorized Material Source List: Caltrans-developed list of authorized source materials. For the Authorized Material Source List go to the METS website.

Bid Item List: List of bid items, units of measure, and the associated quantities. The verified Bid Item List is the Bid Item List with verified prices. The Contract Proposal (Proposal 2) of Low Bidder at the Department's website is the verified Bid Item List. After contract award, interpret a reference to the Bid Item List as a reference to the verified Bid Item List.

Caltrans: State of California Department of Transportation

County: The County of Fresno

Department: The Fresno County Board of Supervisors and its authorized representatives.

District Office: County of Fresno Department of Public Works and Planning

Director: Department's Chairman

Engineer: The County's Director of Public Works and Planning, acting through their authorized designees.

federal-aid contract: Contract that has a federal-aid project number on the cover of the *Specifications*.

holiday: Holiday shown in the following table:

Holidays

Holiday	Date observed
Every Sunday	Every Sunday
New Year's Day	January 1 st
Birthday of Martin Luther King, Jr.	3rd Monday in January
Presidents' Day	3rd Monday in February
Cesar Chavez Day	March 31 st
Memorial Day	Last Monday in May
Juneteenth	June 19 th
Independence Day	July 4 th
Labor Day	1st Monday in September
Veterans Day	November 11 th
Thanksgiving Day	4th Thursday in November
Day after Thanksgiving Day	Day after Thanksgiving Day
Christmas Day	December 25 th

If January 1st, March 31st, July 4th, November 11th, or December 25th fall on a Sunday, the Monday following is a holiday. If January 1st, March 31st, July 4th, November 11th, or December 25th fall on a Saturday, the preceding Friday is a holiday.

Office engineer: The Director of Public Works and Planning for the County of Fresno

permanent erosion control establishment period: Number of working days shown in Section 8-1.04 for permanent erosion control establishment work.

plans: Standard plans, revised standard plans, and project plans.

1. **standard plans:** Drawings standard to Department construction projects. These plans are in a book titled *Standard Plans*.
2. **revised standard plans:** New or revised standard plans. These plans are listed in the *List of Revised Standard Plans* in a book titled *Specifications*.
3. **project plans:** Drawings specific to the project, including authorized shop drawings. These plans also include a section titled *Project Details* of a book titled *Specifications*.

specifications: Standard specifications, revised standard specifications, and special provisions.

1. **standard specifications:** Specifications standard to Department construction projects. These specifications are in a book titled *Standard Specifications*.
2. **special provisions:** Specifications specific to the project. These specifications are in a section titled *Special Provisions* of a book titled *Specifications*.

Replace Section 1.08 with:

1-1.08 DISTRICTS

Not Used

Add to the end of Section 1-1.09

This project is not in a freeze-thaw area.

Replace Section 1-1.10 with:

1-1.10 PAVEMENT CLIMATE REGIONS

To help account for the effects of various climatic conditions on pavement performance, the State has been divided into 9 climate regions. The project's pavement climate region is inland valley.

Replace Section 1-1.11 with:

1-1.11 WEBSITES, ADDRESSES, AND TELEPHONE NUMBERS

Websites, Addresses, and Telephone Numbers

Reference or agency or department unit	Website	Address	Telephone no.
Authorized Material Lists Authorized Material Source Lists	https://dot.ca.gov/programs/engineering-services/authorized-materials-lists	--	--
CA Unified Certification Program's list of certified DBEs	https://dot.ca.gov/programs/civil-rights/dbe-search	--	--
<i>California MUTCD</i>	https://dot.ca.gov/programs/safety-programs/camutcd	--	--
Data Interchange for Materials Engineering	https://dime.dot.ca.gov/	Materials Engineering and Testing Services Department of Transportation 5900 Folsom Blvd Sacramento CA 95819-4612	(916) 227- 5238
Department	https://www.fresnocountyca.gov/Departments/Public-Works-and-Planning	2220 Tulare Street Design Division – Seventh Floor Fresno, CA 93721	(559) 600-9908
Department of Conservation, Office of Mine Reclamation	http://www.conservation.ca.gov/dmr/	--	--
Department of General Services, Office of Small Business and DVBE Services	https://www.dgs.ca.gov/OBAS	Office of Small Business and DVBE Services Department of General Services 707 3rd St West Sacramento CA 95605- 2811	(800) 559- 5529 (916) 375- 4940
Department of Industrial Relations	http://www.dir.ca.gov	455 Golden Gate Ave San Francisco CA 94102	--
Design Services - Contract Administration, Planholders, Bid Results	https://www.fresnocountyca.gov/Departments/Public-Works-and-Planning/Construction-Bidding-Opportunities	2220 Tulare Street Design Division – Seventh Floor Fresno, CA 93721	Tel: (559) 353-4919 Fax: (559) 455-4609 Email: DesignServices@fresnocountyca.gov
Division of Accounting, Office of External Accounts Payable	https://dot.ca.gov/programs/accounting	Major Construction Payment and Information Unit Office of External Accounts Payable Division of Accounting Department of Transportation P.O. Box 168043 Sacramento, CA 95816-8043	(916) 227-9013
Division of Construction	http://www.dot.ca.gov/hq/construc/	--	--

Geotechnical Services	https://dot.ca.gov/programs/engineering-services	Geotechnical Services Department of Transportation 5900 Folsom Blvd Sacramento, CA 95819-4612	(916) 227-7000
METS	https://dot.ca.gov/programs/engineering-services	Materials Engineering and Testing Services Department of Transportation 5900 Folsom Blvd Sacramento, CA 95819-4612	(916) 227-7000
MPQP	https://dot.ca.gov/programs/construction/material-plant-quality-program	--	--
Office Engineer	--	Director of Public Works & Planning Fresno County 2220 Tulare St, 8 th Floor Fresno, CA 93721	(559) 600-4078
Offices of Structure Design, Documents Unit	--	MSC 9-4/4I Documents Unit Offices of Structure Design Department of Transportation 1801 30th St Sacramento, CA 95816-7006	(916) 227-0716

Replace Section 1-1.12 with:

1-1.12 MISCELLANY

Make checks and bonds payable to the County of Fresno.

2 BIDDING

Replace Section 2-1.04 with:

2-1.04 PREBID OUTREACH MEETING

Section 2-1.04 applies if a mandatory prebid meeting is shown on the Notice to Bidders.

The Department may conduct a meeting to provide access to the site and/or discuss the project in the presence of County staff.

Each bidder must attend the meeting. The bidder's representative must be a company officer, project superintendent, or project estimator. For a joint venture, one of the parties must attend the mandatory prebid meeting.

The Department does not accept a bid from a bidder who did not attend the meeting.

A sign-in will be used to identify the attendees. Each bidder must include the name and title of the company representative attending the meeting.

The Department may hold a single prebid meeting for more than one contract. Sign in for the contract you intend to bid on. If you are bidding on multiple contracts, sign-in for each contract you intend to bid on. The sign-in lists, with the names of all companies in attendance at each prebid meeting, will be made available at the website shown on the Notice to Bidders for bidder inquiries.

Replace Section 2-1.06 with:

2-1.06 BID DOCUMENTS

2-1.06A General

The *Bid* book includes bid forms and certifications and may be requested from Design Services and are available online at <http://www.BidExpress.com>.

The *Specifications* includes the *Notice to Bidders*, revised standard specifications, project details, and special provisions.

The *Specifications*, project plans, and any addenda to these documents may be accessed at Design Services.

The *Standard Specifications* and *Standard Plans* may be purchased at the Publication Distribution Unit or accessed online at [2015 Caltrans Standard Specifications](#) and [2023 Caltrans Standard Specifications](#).

2-1.06B Supplemental Project Information

The Department makes the following supplemental project information available:

Supplemental Project Information

Where Available	Description
Included in Project Details	<ul style="list-style-type: none"> • 2015 Caltrans Standard Plan Sheets A20A and A20B • Construction Funding signs • Advance Notification signs • Caltrans encroachment permit • City of Fresno encroachment permit • City of Clovis encroachment permit • City of Parlier encroachment permit • City of San Joaquin encroachment permit
Included with the project plans	<ul style="list-style-type: none"> • None
Available on Design Services webpage	<ul style="list-style-type: none"> • None

If as-built drawings are available, they may not show existing dimensions and conditions. Where new construction dimensions are dependent on existing bridge dimensions, verify the field dimensions and adjust the dimensions of the work to fit the existing conditions.

Replace Section 2-1.12 with:

2-1.12 RESERVED

Replace Section 2-1.15 with:

2-1.15 RESERVED

Replace Section 2-1.18 with:

2-1.18 RESERVED

Replace Section 2-1.27 with:

2-1.27 RESERVED

Replace Section 2-1.33 with:

2-1.33 BID DOCUMENT COMPLETION AND SUBMITTAL

2-1.33A General

Complete forms in the *Bid Book*.

Certain bid forms must be submitted with the bid and properly executed.

Certain other forms and information must be submitted either with the bid or within the prescribed period after bid opening as specified elsewhere in these special provisions.

Failure to submit the forms and information as specified results in a nonresponsive bid.

If an agent other than the authorized corporation officer or a partnership member signs the bid, file a Power of Attorney with the Department either before opening bids or with the bid. Otherwise, the bid may be nonresponsive.

Electronic Bids: Complete and submit the bid online at <http://www.BidExpress.com> (Section 2-1.33). Your electronic signature is your confirmation of and agreement to all certifications and statements contained in the Bid book. On forms and certifications that you submit through the electronic bidding service, you agree that each form and certification where a signature is required is deemed as having your signature.

Hardcopy Bid: Submit a hardcopy bid:

1. Under sealed cover
2. Marked as a bid
3. Identifying the contract number and the bid opening date
4. Use ink or typewriter

2-1.33B Bid Item List and Bid Comparison

Submit a bid based on the bid item quantities the Department shows on the Bid Item List (Proposal 2). Bids will be evaluated and the low bidder determined as indicated in the *Notice to Bidders*.

Do not submit an unbalanced bid. An unbalanced bid is one in which one or more bid items is/are considered by the Department to have been bid at an amount that is unreasonably high or unreasonably low. A bid may be considered to be non-responsive and may be rejected if it is considered by the Department to be unbalanced.

2-1.33C Bid Document Completion

Proposal items are identified by title and by the word "Proposal" followed by the number assigned to the proposal item in question. Proposal items are included in the *Bid Book*.

2-1.33C(1) Proposal 1 - Proposal to the Board of Supervisors of Fresno County

2-1.33C(2) Proposal 2 - Bid Item List

One or more sheet(s) or list(s) upon which the bidder completes the bid.

Fill out completely including a unit price and total for each unit price-based item and a total for each lump sum item.

Do not make any additions such as "plus tax", "plus freight", or conditions such as "less 2% if paid by 15th".

Use ink or typewriter for paper bids.

2-1.33C(3) Proposal 3 - Evaluation of Bid Item List

Describes how inconsistencies and irregularities are evaluated and corrected when Design Services reviews the Bid Item List.

2-1.33C(4) Proposal 4 - Bid Security and Signature

Submit one of the following forms of bidder's security equal to at least 10 percent of the bid:

- Cash
- Cashier's check
- Certified check

- Signed bidder's bond by an admitted surety insurer

Indicate type of bid security provided.

- Cash – Acceptable but not recommended. Cash is deposited in a clearing account and is returned to bidders by County warrant. This process may take several weeks.
- Cashier's or Certified Checks. This type of security is held until the bid is no longer under consideration. If submitted by a potential awardee, they will be returned when the contract is fully executed by the bidder and bonds and insurance have been approved.
- Bid Bonds - Must be signed by the bidder and by the attorney-in-fact for the bonding company. Provide notarized signature of attorney-in-fact accompanied by bonding company's affidavit authorizing attorney-in-fact to execute bonds. An unsigned bid bond will be cause for rejection.

Provide contractor's license information.

State business name and if business is a:

- Corporation - list officers
- Partnership - list partners
- Joint Venture - list members; if members are corporations or partnerships, list their officers or partners.
- Individual - list Owner's name and firm name style

Signature of Bidder - the following lists types of companies and corresponding authorized signers.

- Corporation - by an officer
- Partnership - by a partner
- Joint Venture - by a member
- Individual - by the Owner

If signature is by a Branch Manager, Estimator, Agent, etc., the bid must be accompanied by a power of attorney authorizing the individual to sign the bid in question or to sign bids more generally, otherwise the bid may be rejected.

Business Address - Firm's Street Address

Mailing Address - P.O. Box or Street Address

Complete, sign, and return with bid.

2-1.33C(5) Proposal 5 - Noncollusion Declaration

Must be completed, signed, and returned with bid.

2-1.33C(6) Proposal 6 - Public Contract Code Section 10285.1 Statement

Select "has" or "has not" in accordance with instructions on form, return with completed for with bid. Note that signing the bid constitutes signing this statement.

2-1.33C(7) Proposal 7 - Public Contract Code Section 10162 Questionnaire And Public Contract Code 10232 Statement

Select: "yes" or "no" accordance with instructions on form, include explanation if "yes" is selected. Return completed form with bid. Note that signing the bid constitutes signing this questionnaire and statement.

2-1.33C(8) Proposal 8(a) through Proposal 8(f) - Subcontractors

Sheet(s) or spaces where bidders list subcontractors. List each subcontractor to perform work in an amount in excess of 1/2 of 1 percent of the total bid or \$10,000, whichever is greater (Pub Cont Code § 4100 et seq.).

The *Subcontractor List* submitted with the bid must show the name, location of business, work portions to be performed, and the contractor's license number for each subcontractor listed.

- Use subcontractor's business name style as registered with the License Board.
- Specify the city in which the subcontractor's business is located and the state if other than California.
- Description of the work to be performed by the subcontractor. Indicate with bid item numbers from the bid item list and/or work descriptions similar to those on bid item list.
- List license number and Department of Industrial Relations registration number for each subcontractor.

Upon request from Design Services, provide the following additional information within 24 hours of bid opening if not included on the *Subcontractor List* submitted with the bid:

- Complete physical address for each subcontractor listed.
- Percentage of the total bid or dollar amount associated with each subcontractor listed.

2-1.33C(9) through 2-1.33C(15) Not Used

2-1.33C(16) Proposal 16 - *Opt out of payment adjustments for price index fluctuations*

This section applies if there is an item for price index fluctuation included in the Bid Item List. You may opt out of the payment adjustments for price index fluctuations specified in section 9-1.07. To opt out, submit a completed *Opt Out of Payment Adjustments for Price Index Fluctuations* form with your bid.

2-1.33C(17) Proposal 17 - *Guaranty*

Does not need to be signed with the bid. Part of the contract which must be signed by the contractor when contract is executed.

2-1.33C(18) Proposal 18 -Title 13, California Code of Regulations § 2449(i) General Requirements for In-Use Off-Road Diesel-Fueled Fleets

Contractors, if applicable, must submit valid Certificates of Reported Compliance with their bid. Subcontractor certificates will be due no later than 4:00 p.m. on the fifth (5th) calendar day after the bid opening if not submitted with the bid.

2-1.33D Electronic Bid Document Completion

Electronic versions of the bid book documents are available online at <http://www.BidExpress.com>, and may be submitted through that website.

You must either attach an electronic bid bond or provide an original bid bond (or other form of bid security authorized by Public Contract Code Section 20129(a)), prior to the bid opening.

Bidders submitting online may use one of the accepted electronic sureties (SurePath or Tinubu) to submit their bid bond; or may submit cash, cashier's check, certified check, or a bidder bond to Design Services at 2220 Tulare St., Seventh Floor, Fresno, CA 93721. Those submitting bid bonds directly to Design Services must submit their bid bond:

1. Under sealed cover
2. Marked as a bid-bond

3. Identifying the contract number and the bid opening date on the cover

Replace Section 2-1.34 with:

2-1.34 BIDDER'S SECURITY

Submit one of the following forms of bidder's security equal to at least 10 percent of the bid:

1. Cash
2. Cashier's check
3. Certified check
4. Signed bidder's bond by an admitted surety insurer

Submit cash, cashier's check, certified check, or bidder's bond with your bid.

Replace Section 2-1.40 with:

2-1.40 BID WITHDRAWAL

1. An authorized agent may withdraw a bid before the bid opening date and time by submitting a written bid withdrawal request at the location where the bid was submitted. Withdrawing a bid does not prevent you from submitting a new bid. An authorized agent is an individual authorized to submit a bid.
2. After the bid opening time, you cannot withdraw a bid.

Replace Section 2-1.47 with:

2-1.47 BID RELIEF

The Department may grant bid relief under Pub Cont Code § 5100 et seq. Submit any request for bid relief to Design Services.

Add Section 2-1.51:

2-1.51 DISCLOSURE OF SELF-DEALING TRANSACTIONS

This provision is only applicable if the contractor is operating as a corporation (a for-profit or non-profit corporation) or if during the term of this agreement, the contractor changes its status to operate as a corporation.

Members of the contractor's Board of Directors shall disclose any self-dealing transactions that they are a party to while contractor is providing goods or performing services under this agreement. A self-dealing transaction shall mean a transaction to which the contractor is a party and in which one or more of its directors has a material financial interest. Members of the Board of Directors shall disclose any self-dealing transactions that they are a party to by completing and signing a Self-Dealing Transaction Disclosure Form which is included in *Project Details* of these special provisions.

In the event that the Contractor (to whom the project is awarded) is operating as a corporation or incorporates during the course of the construction contract, and any member of its board of directors is engaged or intends to become engaged in self-dealing transaction(s), each member of its board of directors who is engaged or intends to become engaged in a self-dealing transaction or transactions must complete and submit to the County a completed Self-Dealing Transaction Disclosure Form (in *Project Details*) for each such transaction prior to engaging therein or immediately thereafter.

3 CONTRACT AWARD AND EXECUTION

Replace Section 3 with:

3-1.01 GENERAL

Section 3 includes specifications related to contract award and execution.

3-1.02 CONSIDERATION OF BIDS

3-1.02A General

Bids will be compared on the basis listed in the Notice to Bidders.

3-1.02B Tied Bids

The Department breaks a tied bid with a coin toss.

3-1.03 CONTRACTOR REGISTRATION

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

3-1.04 CONTRACT AWARD

3-1.04A BID PROTEST PROCEDURES

Any bid protest must be submitted in writing and delivered by the Bidder by either of the following means: (1) via e-mail to DesignServices@fresnocountyca.gov; or (2) via certified mail, return receipt requested to the following address: Design Division, Department of Public Works and Planning, 2220 Tulare Street, Sixth Floor, Fresno, CA 93721.

The bid protest must be received no later than 5:00 p.m. of the seventh (7th) calendar day following the bid opening for any issues found within the bid itself, or 5:00 p.m. of the third (3rd) calendar day following the deadline for submittal of the specific bid document(s) placed at issue by the protest.

Any Bidder filing a protest is encouraged to submit the bid protest via e-mail, because the deadline is based on the Department's receipt of the bid protest. A bid protest accordingly may be rejected as untimely if it is not received by the deadline, regardless of the date on which it was postmarked. The Bidder's compliance with the following additional procedures also is mandatory:

- a. The initial protest document shall contain a complete statement of the grounds for the protest, including a detailed statement of the factual basis and any supporting legal authority.
- b. The protest shall identify and address the specific portion of the document(s) forming the basis for the protest.
- c. The protest shall include the name, address and telephone number of the person representing the protesting party.
- d. The Department will provide a copy of the initial protest document and any attached documentation to all other Bidders or proposers who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.
- e. The Board of Supervisors will issue a decision on the protest. If the Board of Supervisors determines that a protest is frivolous, the party originating the protest may be determined to be irresponsible and that party may be determined to be ineligible for future contract awards.
- f. The procedure and time limits set forth herein are mandatory and are the Bidder's sole and exclusive remedy in the event of a bid protest. Failure by the Bidder to comply with these procedures shall constitute a waiver of any right to further pursue the bid protest, including the subsequent filing of a Government Code Claim or legal proceedings.

3-1.04B AWARD PERIOD

If the Department awards the contract, the award is made to the lowest responsible bidder within 54 calendar days after bid opening.

The Department may extend the specified award period if the bidder agrees.

You may request to extend the award period by faxing a request to Design Services before 4:00 p.m. on or before the last day of the award period. If you do not make this request, after the specified award period:

1. Your bid becomes invalid
2. You are not eligible for the award of the contract

3-1.05 CONTRACT BONDS (PUB CONT CODE §§ 10221 AND 10222)

The successful bidder must furnish 2 bonds conforming to the requirements in the *Agreement* of these special provisions.

3-1.06 CONTRACTOR LICENSE

For a federal-aid contract, the Contractor must be properly licensed as a contractor from contract award through Contract acceptance (Pub Cont Code § 10164).

For a non-federal-aid contract:

1. Contractor must be properly licensed as a contractor from bid opening through Contract acceptance (Bus & Prof Code § 7028.15)
2. Joint venture bidders must obtain a joint venture license before contract award (Bus & Prof Code § 7029.1)

3-1.07 INSURANCE POLICIES

The successful bidder must submit copies of its insurance policies conforming to the requirements in the *Agreement* of these special provisions.

3-1.08 –3-1.10 RESERVED

3-1.11 PAYEE DATA RECORD

Complete and deliver to the Engineer a Payee Data Record form when requested by the Engineer.

3-1.12 RESERVED

3-1.14–3-1.17 RESERVED

3-1.18 CONTRACT EXECUTION

The successful bidder must sign the *Agreement*.

Deliver to Design Services:

1. Signed *Agreement* including the attached form FHWA-1273
2. Contract bonds
3. Documents identified in section 3-1.07
4. For a federal-aid contract, *Local Agency Bidder - DBE Information* form

Design Services must receive these documents before the 10th business day after the bidder receives the contract.

The bidder's security may be forfeited for failure to execute the contract within the time specified (Pub Cont Code §§ 10181, 10182, and 10183).

3-1.19 BIDDERS' SECURITIES

The Department keeps the securities of the 1st, 2nd, and 3rd low bidders until the contract has been executed. The other bidders' securities, other than bidders' bonds, are returned upon determination of the 1st, 2nd, and 3rd low bidders, and their bidders' bonds are of no further effect (Pub Cont Code § 10184).

4 SCOPE OF WORK

Replace Section 4-1.02 with:

4-1.02 INTENT

The Contract intent is to provide for work completion using the best general practices.

Nothing in the specifications, special provisions, Standard Specifications, or in any other Contract document voids the Contractor's public safety responsibilities.

Replace Section 4-1.07D with:

4-1.07D Reserved

Replace the last paragraph of Section 4-1.13 with:

Remove warning, regulatory, and guide signs when directed by the Engineer.

5 CONTROL OF WORK

Delete the last paragraph of Section 5-1.01

Add the following before the last sentence in Section 5-1.02:

Caltrans Standard Plans, County of Fresno Standard Drawings, and any other other-agency Standard Drawings included in the "Project Details" section of the book entitled "Specifications" have the same ranking as Standard Plans."

All other drawings in the "Project Details" section of the book entitled "Specifications" have the same ranking as Project Plans.

Tables and other documents in the "Project Details" section of the book entitled "Specifications" have the same ranking as Special Provisions. If a portion of a document in the Project Details section conflicts with the Special Provisions, the Special Provisions shall prevail.

Replace Section 5-1.09 with:

5-1.09 RESERVED

Replace Section 5-1.12 with:

5-1.12 ASSIGNMENT

The performance of the Contractor or any Contract part may be assigned only with prior written consent from the Department. To request consent, submit a Contractor Action Request – Assignment of Contract Performance form. The Department does not consent to any requested assignment that would relieve you of your surety of the responsibility to complete the work or any part of the work. No third-party agreement relieves you or your surety of the responsibility to complete the work. Do not sell, transfer, or otherwise dispose of any Contract part without prior written consent from the Department.

If you assign the right to receive Contract payments, the Engineer accepts the assignment upon the Engineer's receipt of a Contractor Action Request – Assignment of Contract Monies, Assignee Change of Name/Address form. Assigned payments remain subject to deductions and withholds described in the Contract. The Department may use withheld payments for work completion whether payments are assigned or not.

A pending or disapproved request for assignment does not relieve you of the responsibility to commence and pursue work timely and in strict accordance with contract documents.

Replace Section 5-1.13C with:

5-1.13C RESERVED

Replace Section 5-1.13D with:

5-1.13D RESERVED

Add the following paragraph to the end of section 5-1.16:

Submit Daily Log records to the Engineer weekly for the entire course of work unless the Engineer requests another interval.

Replace Section 5-1.20B(4) with:

5-1.20B(4) Contractor–Property Owner Agreement

Before procuring material from or disposing or stockpiling of material on non-highway property:

1. Provide proof that the property where materials are to be stockpiled or equipment parked/stored is appropriately zoned and/or permitted for the use proposed by the Contractor.
2. Obtain written authorization from each and every owner of the property where materials are to be stockpiled or equipment parked/stored.
3. Provide proof that the signor(s) of the authorization are the owners of the property.
4. Provide an executed release from the property owner(s) absolving the Department from any and all responsibility in connection with the stockpiling of materials or parking/storage of equipment on said property.
5. Obtain written permission from the Engineer to stockpile materials or park/store equipment at the location designated in said authorization.

Before Contract acceptance, submit a document signed by the owner of the material source or disposal site stating that the Contractor has complied with the Contractor-owner agreement.

Failure by the Contractor to provide written authorization shall result in the withholding of all funds due to the Contractor until said authorization is received by the County.

Replace Section 5-1.20C with:

5-1.20C Railroad Relations

If the Contract includes an agreement with a railroad company, the Department makes the provisions of the agreement available in Project Details in the document titled "Railroad Relations and Insurance Requirements." Comply with the requirements in the document.

Replace Section 5-1.23A with:

5-1.23A General

Section 5-1.23 includes specifications for action and informational submittals.

Any submittal not specified as an informational submittal is an action submittal.

Submit action and informational submittals to the Engineer. Unless otherwise specified in these Specifications, submittals shall be provided via email in .pdf format.

Each submittal must have a cover sheet that must include:

1. Contract number
2. Project Name
3. Date
4. Submittals (and resubmittals if applicable) must be numbered sequentially
5. Structure number if applicable

6. Contractor
7. Person responsible for submitting the submittal
8. Signature of Contractor's representative sending submittal
9. Section number and/or item submittal is referencing
10. Pages of submittal, excluding cover sheet

The Department rejects a submittal if it has any error or omission.

If the last day for submitting a document falls on a Saturday or holiday, it may be submitted on the next business day with the same effect as if it had been submitted on the day specified.

Documents must be submitted in the English language.

Convert documents to US customary units.

Replace the first paragraph of Section 5-1.23B(2)(b) with:

If specified, email electronic shop drawing and calculation sheet submittals to the Engineer.

Replace Section 5-1.24 with:

5-1.24 CONSTRUCTION SURVEYS

The Engineer places stakes and/or marks as the Engineer determines to be necessary to establish the lines and grades required for the work.

Submit your request for Engineer-furnished stakes:

1. Once staking area is ready for stakes
2. On a Request for Construction Stakes form

After your submittal, the Engineer starts staking within 2 working days.

Preserve stakes and marks placed by the Engineer. If the stakes or marks are destroyed, the Engineer replaces them at the Engineer's earliest convenience and deducts the cost.

Replace Section 5-1.27E with:

5-1.27E CHANGE ORDER BILLS

Maintain separate records for change order work costs.

Replace Section 5-1.32 with:

5-1.32 AREAS FOR USE

Occupy the highway only for purposes necessary to perform the work.

Defend, indemnify, and hold the Department harmless to the same extent as under section 7-1.05.

The Department does not allow temporary residences within the County right-of-way.

Replace Section 5-1.43A with:

5-1.43A General

Minimize and mitigate the impacts of work or events for which you will make a potential claim.

For each potential claim assign an identification number determined by chronological sequencing and the 1st date of the potential claim.

Use the identification number for each potential claim on the:

1. Initial Potential Claim Record form
2. Supplemental Potential Claim Record form

3. Full and Final Potential Claim Record form

Failure to comply with this procedure is:

1. Waiver of the potential claim and a waiver of the right to a corresponding claim for the disputed work in the administrative claim procedure
2. Bar to arbitration (Pub Cont Code § 10240.2)

Replace the word “State” with “Department” in the 3rd paragraph of Section 5-1.43D.

Replace the word “Department’s” with “Caltrans” in the 6th paragraph of Section 5-1.43E(1)(a).

Replace the word “Department” with “Caltrans” where it appears in Section 5-1.43E(2)(a).

Replace the word “Department” with “Caltrans” where it appears in Section 5-1.43E(3)(a).

6 CONTROL OF MATERIALS

Replace section 6-1.05 with:

6-1.05 SPECIFIC BRAND OR TRADE NAME AND SUBSTITUTION

Unless substitution is expressly precluded in the special provisions, a reference to a specific brand or trade name establishes a quality standard and is not intended to limit competition. Unless the Department has made a public interest finding expressly authorizing sole source procurement of a particular item, you may use a product that is equal to or better than the specified brand or trade name if authorized.

Submit a substitution request with a time period that:

1. Follows Contract award
2. Allows 30 days for review
3. Causes no delay

Include substantiating data with the substitution request that proves that substitution:

1. Causes no delay
2. Is of equal or better quality and suitability

If the special provisions disallow substitution of a particular item, provide the specified item and do not propose substitution.

Replace Section 6-1.06 with:

6-1.06 RESERVED

7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

Add after the last paragraph of Section 7-1.02C:

The following information is provided for the Contractor’s information, and nothing herein or elsewhere within these special provisions shall be construed as limiting the Contractor’s responsibility for complying with all applicable rules and regulations. In conformance with Title 13 § 2449(i), between March 1 and June 1 of each year, new valid Certificates of Reported Compliance for the current compliance year, as defined in section 2449(n) for the Contractor and all applicable subcontractors must be submitted. Submit

new valid Certificates of Reported Compliance to the Engineer at least one week prior to the expiration date of the current certificate.

Replace the 2nd Paragraph of Section 7-1.02K(2) with:

The general prevailing wage rates and any applicable changes to these wage rates are available:

1. From Design Services
2. From the Department of Industrial Relations' Web site

Add to the list in the second paragraph of Section 7-1.02K(3) with:

- 1.10. Fringe Benefits

Replace section 7-1.02K(4)(a) with:

7-1.02K(4)(a) Apprenticeship Requirements for non-Federal Projects

- A. Pursuant to Sections 1770-1780 of the Labor Code of the State of California, the Director of the Department of Industrial Relations has determined the general prevailing rate of wages in the locality for each craft or type of worker needed to execute the work. Said wage rates pursuant to Section 1773.2 of the Labor Code are on file with the Clerk to the Fresno County Board of Supervisors, and will be made available to any interested person on request. A copy of this wage scale may also be obtained at the following Web Site: www.dir.ca.gov/dlsr.
- B. Pursuant to Section 1775 of the Labor Code of the State of California, nothing in this Article shall prevent the employment of properly registered apprentices upon public works. Every such apprentice shall be paid the standard wage paid to apprentices under the regulations of the craft or trade at which he/she is employed, and shall be employed only at the work of the craft or trade to which he/she is registered.
- C. Only apprentices, as defined in Section 3077, who are in training under apprenticeship standards and written apprentice agreements under Chapter 4 (commencing at Section 3070), Division 3, of the Labor Code, are eligible to be employed on public works. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which he/she is training.

Add to the end of Section 7-1.02K(6)(j)(ii) with:

The lump sum price paid for Lead Compliance Plan includes the cost of all labor, tools, equipment, testing, and incidentals needed to comply with all of the planning, testing and reporting requirements related to the lead contained yellow painted traffic stripping and/or pavement markings as described in Section 14-11.12, 36-4, and 84-9.03B and no additional compensation will be allowed therefore.

Place the contents of Section 7-1.04 under the heading:

7-1.04 PUBLIC SAFETY

7-1.04A General

Replace the 7th paragraph in Section 7-1.04A with:

Provide flaggers whenever necessary to ensure that the public is given safe guidance through the work zone.

Replace the 11th paragraph in Section 7-1.04A with:

Cover signs that direct traffic to a closed area.

Add to the end of Section 7-1.04A:

Where 2 or more lanes in the same direction are adjacent to the area where the work is being performed, including shoulders, the adjacent lane must be closed under any of the following conditions:

1. Work is off the traveled way but within 6 feet of the edge of the traveled way, and the approach speed is greater than 45 miles per hour
2. Work is off the traveled way but within 3 feet of the edge of the traveled way, and the approach speed is less than 45 miles per hour

Closure of the adjacent traffic lane is not required when performing any of the following:

1. Working behind a barrier
2. Paving, grinding, or grooving
3. Installing, maintaining, or removing traffic control devices except Type K temporary railing

Do not reduce an open traffic lane width to less than 10 feet. When traffic cones or delineators are used for temporary edge delineation, the side of the base of the cones or delineators nearest to traffic is considered the edge of the traveled way.

Add the following to the end of Section 7-1.04:

7-1.04B WORK ZONE SAFETY AND MOBILITY

7-1.04B(1) POLICY

In order to ensure safe and efficient flow of traffic through work zones, the County of Fresno, via its General Plan, Transportation and Circulation Element, Policy TRA-1, has adopted the use of AASHTO Standards as supplemented by Caltrans and County Department of Public Works and Planning Standards.

7-1.04B(2) TRAFFIC MANAGEMENT PLAN

Perform traffic management shall be in accordance with Section 12, "TEMPORARY TRAFFIC CONTROL," of these special provisions.

7-1.04B(3) TEMPORARY TRAFFIC CONTROL PLAN

Prepare traffic control plan(s) in accordance with Section 12, "TEMPORARY TRAFFIC CONTROL," of these special provisions.

7-1.04B(4) PUBLIC INFORMATION

Provide notice to public agencies and others to the extent required, if any, elsewhere in these special provisions. The Engineer provides other noticing not identified to be performed by the Contractor.

Replace the word "State" with "County" where it occurs in Section 7-1.05C.

Replace the word "State" with "Department" in the 1st paragraph of Section 7-1.06B.

Replace the word "State" with "County" in the 5th paragraph of Section 7-1.06C.

Replace the word "State" with "the Department" in Section 7-1.06D(1).

Replace Section 7-1.06D(2) with:

7-1.06D(2) Liability Limits/Additional Insureds

Refer to the *Agreement* of these special provisions

Additional insured coverage must be provided by a policy provision or by an endorsement providing coverage at least as broad as *Additional Insured* (Form B) endorsement form CG 2010 and CG 2037 (for

completed operations), as published by the Insurance Services Office (ISO), or equivalent form as approved by the Department.

Replace the word “State” with “County” in Section 7-1.06D(3).

Replace the word “State” with “County” in Section 7-1.06D(4).

Replace Section 7-1.06E with:

7-1.06E Automobile Liability Insurance

Comply with requirements in the *Agreement* of these special provisions.

Replace Section 7-1.06G with:

7-1.06G NOT USED

Replace Section 7-1.06H with:

7-1.06H Enforcement

The Department may assure your compliance with your insurance obligations. 30 days before an insurance policy lapses, expires, or is canceled during the Contract period you must submit to the Department evidence of renewal or replacement of the policy.

If you fail to maintain any required insurance coverage, the Department may maintain this coverage and withhold or charge the expense to you or terminate your control of the work.

Any failure to comply with the reporting provisions of your policy shall not affect coverage provided to the Department, including its officers, directors, agents (excluding agents who are design professionals), and employees.

You are not relieved of your duties and responsibilities to indemnify, defend, and hold harmless the County, its officers, agents, and employees by the Department's acceptance of insurance policies and certificates.

Minimum insurance coverage amounts do not relieve you for liability in excess of such coverage, nor do they preclude the County from taking other actions available to it, including the withholding of funds under this Contract.

Replace Section 7-1.06I with:

7-1.06I Self-Insurance

Comply with the *Agreement* of these special provisions.

Add to the beginning of Section 7-1.07B:

This section applies to seal coat projects.

Add Section 7-1.07C:

7-1.07C Claims

This section applies to non-seal coat projects which involve asphalt concrete paving. Pay for claims for personal property damage caused by your work. Claims are limited to:

1. 10 percent of the total bid

Within 30 days of the last working day placement of hot mix asphalt, do the following:

1. Process and resolve all claims reported or submitted to you by the public as follows:
 - 1.1. Within 3 business days of receipt of a claim, submit to the Department a copy of the claim, a written analysis of the claim, and a statement indicating whether or not you will pay the claim. If you reject a claim, provide the reasons for rejection in writing.

- 1.2. If the claimant becomes dissatisfied with your handling of the claim, immediately refer the claimant to the local district claims office for assistance in resolving the claim.
2. Submit to the Department evidence of your paid claims.

All claims presented to the Department, (Govt Code § 900 et seq.) are processed and resolved by the Department as follows:

1. The claims are processed as formal government claims subject to all laws and policies and are resolved as the Department determines including referring the claim to you for handling.
2. If the Department approves settlement of a claim or is ordered to pay pursuant to a court order, the claim is paid from funds withheld from you.
3. Within 3 business days of the Department's determination that you are responsible for resolving the claim, the Department sends a copy of the claim to you for resolution or notifies you of the Department's decision to resolve the claim.

The Department withholds an amount not to exceed 5 percent of the total bid to resolve all claims. The amount is held no longer than 60 days following the last working day so that the Department has ample time to resolve any pending claims. After 60 days, any remaining amount withheld is returned to you.

If no withheld funds remain or have been returned, the Department may pay any claims and seek reimbursement from you through an offset or any other legal means. Any reimbursement or offset to be recovered from you, including all other paid claims, is limited to 10 percent of the total bid.

Section 7-1.07C does not limit your obligation to defend and indemnify the Department.

8 PROSECUTION AND PROGRESS

Replace Section 8-1.01 with:

8-1.01 GENERAL

Section 8 includes specifications related to prosecuting the Contract and work progress.

8-1.01A Work Hours

Perform all work on working days during daytime.

You may request approval to work on a holiday or on a non-working day. If, pursuant to such request, the Engineer authorizes you to work on a holiday or on a non-working day, you pay the actual cost incurred by the Department to perform all inspection, surveying, testing, and all other project-related work by the Department on such holiday or non-working day. Such payment will be deducted from monies due or which may become due to the Contractor.

Plan work so that all construction operations performed each day, including cleanup of the project site, establishment of appropriate traffic control and any other work necessary for the safety of the public shall be completed within the daytime hours.

Do not perform work during nighttime unless approved by the Engineer

Request approval to work during nighttime in writing and include the appropriate traffic control plan(s) and work plan(s) which clearly identify all provisions for illuminating all portions of the work site, including any flagging operations.

If you fail to complete work during the daytime hours, the Engineer may stop all work upon the onset of nighttime and order you to perform any and all work the Engineer deems necessary to ensure the safety of the public during the nighttime hours.

You are not entitled to any additional compensation or extension of the contract time as a result of the Engineer stopping the work due to the onset of nighttime.

Replace the 1st paragraph of Section 8-1.02B(1) with:

No pay item is provided for Level 1 Critical Path Project Schedule. Payment is considered to be included in the various items of work including revisions and time analysis.

Add to the end of the list in the 4th paragraph of Section 8-1.02B(3) with:

3. Time Impact Analysis (Refer to Section 8-1.02C(8)(b) for description)

Replace Section 8-1.02C with:

8-1.02C Reserved except for 8-1.02C(8)(b)

Replace Section 8-1.04 with:

8-1.04 START OF JOB SITE ACTIVITIES

8-1.04A General

Provide signed contracts, bonds, and evidence of insurance timely as required.

This section, 8-1.04, "Start of Job Activities," does not modify remedies available to the Department should you fail to provide signed contracts bonds and insurance timely.

Submit a notice 72 hours before starting job site activities. If the project has more than 1 location of work, submit a separate notice for each location.

You may start job site activities before receiving notice of Contract approval if you:

1. Deliver the signed Contract, bonds, and evidence of insurance to the Department.
2. Submit 72-hour notice
3. Are authorized by the Department to start
4. Perform work at your own risk
5. Perform work under the Contract

If the Contract is approved, work already performed that complies with the Contract is authorized.

If the Contract is not approved, leave the job site in a neat condition. If a facility has been changed, restore it to its former condition or an equivalent condition. The Department does not pay for the restoration.

8-1.04B Standard Start

Be prepared to begin work at the project site no later than the 20th business day after award of the Contract by the Department.

The Engineer may issue a notice to proceed as soon as the Contracts, including bonds and insurance certificates, have been approved.

Start work on the day shown in the notice to proceed, unless an early start has been approved.

The Engineer may issue a notice of commencement of contract time if you fail to provide Contracts, including bonds and insurance certificates or other required documents timely.

A notice of commencement of contract time does not authorize you to start work on the project site, but contract time begins to elapse on the date shown in the notice of commencement of contract time.

Complete work before the expiration of

Forty (40) WORKING DAYS

from the date shown in said Notice to Proceed, or in the Notice of Commencement of Contract Time, whichever comes first.

Complete all work, including corrective work and punch list work, prior to the expiration of the allotted working days. Working days continue to accrue until corrective work and punch list work is completed and accepted.

In the event that additive bid(s) are awarded, additional working days will be granted in accordance with the following:

Additive Bids if Awarded	Number of Additional Working Days
EL DORADO - Location 9A	2
EL DORADO - Location 10A	2
EL DORADO - Location 11A	2
MALAGA AREA - Location S3A	2
DEL REY AREA - Location S4A	2
CSA 35M 'AK' N. PUNJAB - Location S5A	2

**Pay to the County of Fresno the sum of
Five thousand two hundred dollars (\$5200.00)**

per day for each and every calendar day's delay in finishing the work, including corrective work and punch list work, in excess of the total number of working days prescribed above.

Replace the 1st paragraph in Section 8-1.05 with:

Contract time starts on the day specified in the notice to proceed or in the notice of commencement of contract time as described in section 8-1.04 or on the day you start job site activities, whichever occurs first.

Replace the 3rd and 4th paragraph including the table in Section 8-1.10A with:

Liquidated damages are specified in section 8-1.04.

Replace the word "State's" with "County's" in Section 8-1.14A.

9 PAYMENT

Add Section 9-1.01A:

9-1.01A COMPENSATION

The bid items shown in the bid item list represent full compensation for performing all work. Full compensation for any work for which there is no bid item shall be considered to be included in the various items of work.

Delete paragraphs 11-14 of Section 9-1.03.

Add after the 6th paragraph of Section 9-1.03:

Notwithstanding anything to the contrary in these special provisions, full compensation for performing all work as shown, as specified, and as directed by the Engineer is considered to be included in the various bid items, and no additional payment will be made, except pursuant to a contract change order to perform work not shown and/or specified.

If one or more bid item(s) is/are not included, perform the work as shown and as specified and payment therefor is considered to be included in the various items of work.

Replace the last paragraph of Section 9-1.03 with:

Pay your subcontractors within 10 days of receipt of each progress payment under Pub Cont Code §§ 10262 and 10262.5.

Replace the word “Department’s” with “Caltrans” in the 5th paragraph of Section 9-1.07A.

Replace Section 9-1.16F with:

9-1.16F Retentions

The Department, once in each month, shall cause an estimate in writing to be made by the Engineer. The estimate shall include the total amount of work done and acceptable materials furnished, provided the acceptable materials are listed as eligible for partial payment as materials in the special provisions and are furnished and delivered by the Contractor on the ground and not used or are furnished and stored for use on the contract, if the storage is within the State of California and the Contractor furnishes evidence satisfactory to the Engineer that the materials are stored subject to or under the control of the Department, to the time of the estimate, and the value thereof. The estimate shall also include any amounts payable for mobilization. Daily extra work reports furnished by the Contractor less than 5 calendar days, not including Saturdays, Sundays and legal holidays, before the preparation of the monthly progress estimate shall not be eligible for payment until the following month's estimate.

The amount of any material to be considered in making an estimate will in no case exceed the amount thereof which has been reported by the Contractor to the Engineer on State-furnished forms properly filled out and executed, including accompanying documentation as therein required, less the amount of the material incorporated in the work to the time of the estimate. Only materials to be incorporated in the work will be considered. The estimated value of the material established by the Engineer will in no case exceed the contract price for the item of work for which the material is furnished.

The Department shall retain 5 percent of the estimated value of the work done and 5 percent of the value of materials so estimated to have been furnished and delivered and unused or furnished and stored as aforesaid as part security for the fulfillment of the contract by the Contractor. The Department will not hold retention for mobilization or demobilization.

The Department shall pay monthly to the Contractor, while carrying on the work, the balance not retained, as aforesaid, after deducting therefrom all previous payments and all sums to be kept or retained under the provisions of the contract. No monthly estimate or payment shall be required to be made when, in the judgment of the Engineer, the work is not proceeding in accordance with the provisions of the contract.

No monthly estimate or payment shall be construed to be an acceptance of any defective work or improper materials.

Attention is directed to the prohibitions and penalties pertaining to unlicensed contractors as provided in Business and Professions Code Sections 7028.15(a) and 7031.

Add Section 9-1.23:

9-1.23 RESOLUTION OF CONTRACT CLAIMS

Public works contract claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a Contractor and a local public agency shall be resolved in accordance with the provisions of California Public Contract Code Sections 20104-20104.6, inclusive. In addition, California Public Contract Code Section 9204 requires that the procedure established therein shall apply to all claims (as therein defined) filed by a contractor in connection with a public works project. Accordingly, this contract expressly incorporates all of the terms and conditions of those statutory provisions, which are as follows:

California Public Contract Code Section 9204

(a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3)(A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2027, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2027, deletes or extends that date.

California Public Contract Code Sections 20104 – 20104.6

Section 20104

(a)(1) This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a contractor and a local agency.

(2) This article shall not apply to any claims resulting from a contract between a contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b)(1) "Public work" means "public works contract" as defined in Section 1101 but does not include any work or improvement contracted for by the state or the Regents of the University of California.

(2) "Claim" means a separate demand by the contractor for (A) a time extension, (B) payment of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the local agency.

(c) The provisions of this article or a summary thereof shall be set forth in the plans or specifications for any work which may give rise to a claim under this article.

(d) This article applies only to contracts entered into on or after January 1, 1991.

Section 20104.2

For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.

(b) (1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c) (1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(e) Following the meet and confer conference, if the claim or any portion remains in dispute, the claimant may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

(f) This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.

Section 20104.4

The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b) (1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act (Title 4 (commencing with Section 2016.010) of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other party arising out of the trial de novo.

(c) The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.

Section 20104.6

(a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

Add Section 9-1.24:

9-1.24 SUPPLEMENTAL WORK (PAYMENT ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS)

This item is provided solely to provide funds necessary for adjustments to the prices of those oil-containing materials expressly specified as eligible for such adjustments in "Payment Adjustments for Price Index Fluctuations," elsewhere in these special provisions.

The amount included for this item is an estimate only, and is a predetermined amount included in the bid item list for the project.

This item, "Supplemental Work (Payment Adjustments for Price Index Fluctuations)" is purely administrative in nature, is not intended to limit such payment adjustments to the number provided in the bid item list, nor is it intended to modify or supplement the provisions in "Payment Adjustments for Price Index Fluctuations," in any manner whatsoever. Any and all such adjustments shall be made in strict conformance with the requirements in said section.

The provisions in Section 9-1.06, "Changed Quantity Pay Adjustments" of the Standard Specifications shall not apply to the item "Supplemental Work (Payment Adjustments for Price Index Fluctuations)."

Add Section 9-1.25:

9-1.25 SUPPLEMENTAL WORK

The Supplemental Work bid item is provided to compensate the Contractor for new and unforeseen work necessary to construct the project as designed and intended. Supplemental Work is not for design changes. Supplemental Work will be classed as extra work in accordance with the provisions of Section 4-1.05, "Changes and Extra Work," of the Standard Specifications. The dollar amount for supplemental work shown in the Proposal is an estimate only, and shall be included in each bidder's proposal.

Supplemental work shall be performed only upon direct written authorization from the Engineer and daily extra work reports shall be submitted to and approved by the Engineer. The contractor shall maintain separate records for extra work performed in accordance with the provisions of Section 5-1.27, "Records," of the Standard Specifications and these special provisions.

Payment will be based on the total amount of authorized Supplemental Work actually performed. The provisions in Section 9-1.06, "Changed Quantity Pay Adjustments" of the Standard Specifications shall not apply to the item "Supplemental Work."

DIVISION II GENERAL CONSTRUCTION

10 GENERAL

12 TEMPORARY TRAFFIC CONTROL

Replace Section 12-2 with:

12-2 PROJECT SPECIFIC FUNDING SIGNS

12-2.01 CONSTRUCTION ADVANCED NOTIFICATION SIGNS (ANS)

12-2.01A GENERAL

Details for construction ANS are in *Project Details*.

Keep construction ANS clean and in good repair at all times.

12-2.01B MATERIALS

Provide Construction ANS, barricades, and mounting hardware.

Barricades must be Type II and comply with section 12-3.10.

Sign panels for construction ANS must be framed, single sheet aluminum panels complying with section 82-2.

The background on construction project funding signs must be Type II retroreflective sheeting on the Authorized Material List for signing and delineation materials.

The legend must be retroreflective, except for nonreflective black letters and numerals. The colors blue and orange must comply with PR Color no. 3 and no. 6, respectively, as specified in the Federal Highway Administration's *Color Tolerance Chart*.

12-2.01C CONSTRUCTION

Mount construction ANS to barricades.

Provide and Install construction ANS at the locations designated by the Engineer 7 days before starting major work activities visible to highway users.

Upon completion and acceptance of the work, the signs shall be removed and become the property of the Contractor.

12-2.01D PAYMENT

The costs associated with Construction ANS are considered to be included in the Traffic Control bid item.

12-2.02 CONSTRUCTION PROJECT FUNDING SIGNS

12-2.02A GENERAL

Details for construction project funding signs are in *Project Details*.

Do not add information to a construction project funding identification sign unless authorized.

Keep construction project funding signs clean and in good repair at all times.

12-2.02B MATERIALS

Provide Construction project funding signs, posts, and mounting hardware.

Construction project funding signs may be mounted to movable barricades complying with section 12-3.10.

Sign panels for construction project funding signs must be framed, single sheet aluminum panels complying with section 82-2.

The background on construction project funding signs must be Type II retroreflective sheeting on the Authorized Material List for signing and delineation materials.

The legend must be retroreflective, except for nonreflective black letters and numerals. The colors blue and orange must comply with PR Color no. 3 and no. 6, respectively, as specified in the Federal Highway Administration's *Color Tolerance Chart*.

The size of the legend on construction project funding signs must be as described. Do not add any additional information unless authorized.

12-2.02C CONSTRUCTION

Provide and Install the quantity of construction project funding signs shown on the Bid Item List at the locations designated by the Engineer before starting major work activities visible to highway users.

Upon completion and acceptance of the work, the signs shall be removed and become the property of the Contractor.

12-2.02D PAYMENT

The Department pays you for Construction Funding Signs as follows:

1. 75 percent of the item upon installation of each sign
2. 100 percent of the item upon removal of each sign

The Department does not adjust the unit price for an increase or decrease in the construction funding sign quantity.

Replace the 3rd paragraph of Section 12-3.01C with:

If ordered, furnish and place additional temporary traffic control devices. This work is not change order work if:

1. Required to conform with your traffic control plan
2. Required to conform with the MUTCD
3. Necessary for public safety or convenience as determined by the Engineer
4. Required to perform staged construction shown on the plans

Replace the last paragraph of Section 12-3.03C with:

Moving plastic traffic drums from location to location if ordered after initial placement is not change order work if:

1. Required to conform with your traffic control plan
2. Required to conform with the MUTCD
3. Necessary for public safety or convenience as determined by the Engineer
4. Required to perform staged construction shown on the plans

Replace the last paragraph of Section 12-3.10C with:

Moving a barricade from location to location is change order work if ordered after initial placement of the barricade unless.

1. Required to conform with your traffic control plan
2. Required to conform with the MUTCD
3. Necessary for public safety or convenience as determined by the Engineer
4. Required to perform staged construction shown on the plans

Replace Section 12-3.11B(5)(b) with:

12-3.11B(5)(b) Construction Project Funding Identification Signs

Reserved

Replace the word “Department’s” with the word “Caltrans” in the 1st paragraph of Section 12-3.20A(4)(a).

Replace the last paragraph of Section 12-3.20C(1) with:

If the Engineer orders a lateral move of temporary barrier system and repositioning is not shown, the lateral move is change order work unless:

1. Required to conform with your traffic control plan
2. Required to conform with the MUTCD

3. Necessary for public safety or convenience as determined by the Engineer
4. Required to perform staged construction shown on the plans

Replace the 2nd paragraph of Section 12-3.20C(2)(c) with:

Install K rail as shown in the project plans.

Replace the last paragraph of Section 12-3.31C with:

Moving portable flashing beacons from location to location if ordered after initial placement is change order work unless:

1. Required to conform with your traffic control plan
2. Required to conform with the MUTCD
3. Necessary for public safety or convenience as determined by the Engineer
4. Required to perform staged construction shown on the plans

Replace the 2nd paragraph of Section 12-3.35B(6) with:

Provide any software on a CD or other Engineer-authorized data-storage device to the Engineer.

Add before the 1st paragraph of Section 12-3.41A(1):

Section 12-3.41 is used when shown in the Bid Item List.

Replace Section 12-4.02A(3)(a) with:

12-4.02A(3)(a) General

The Contractor shall prepare and submit to the County Construction Engineer for approval, a traffic control system plan indicating the means and methods he will employ to institute and maintain traffic control for all phases of the work within the project. The traffic control system plan shall be submitted to the County Construction Engineer as early as possible, preferably **five (5) working days** prior to pre-construction meeting. The Engineer will require five (5) working days to review the initial submittal of the traffic control system plan and an additional five (5) working days for each successive review.

No work at the project site whatsoever, including preparatory work such as the installation of construction project funding signs, shall commence until the traffic control system plan has been approved in writing by the Engineer. In the event that the traffic control system plan is not submitted timely, the Engineer may issue a notice of commencement of contract time prior to approval of the traffic control system plan, and working days will begin to accrue against the allotted contract time.

Late submittal of the traffic control plan or revisions thereafter required, due to the inadequacy of the plan, shall not be accepted as justification for the delay in the start of the working days for the project.

It shall be the Contractor's responsibility to provide, install, maintain, and remove any and all detour signage and traffic control devices and to obtain all permits, including permits from Caltrans, as may be necessary to establish detours as part of the contractor's traffic control plan.

Traffic will not be allowed to be limited to one direction when construction activities are not actively in progress. Providing, installing, maintaining, and removing all traffic control, including portable changeable message signs if required, obtaining and complying with all permits, and providing all traffic control operations shall be the responsibility of the contractor, and no additional compensation will be allowed therefor.

Replace Section 12-4.02A(3)(b) with:

12-4.02A(3)(b) Closure Schedules

One-way traffic shall be controlled through the project in accordance with the California Manual MUTCD and Caltrans Standard Plans T-11 and T-13 entitled "Traffic Control System for Lane Closure on Multilane

Conventional Highways" and "Traffic Control System for Lane Closure on Two Lane Conventional Highways," and these special provisions. Night closure will not be permitted.

When traffic is under one way control on unpaved areas, the cones shown along the centerline on the plan need not be placed.

Every Monday by noon, submit a closure schedule request for planned closures for the next week.

The next week is defined as Sunday at noon through the following Sunday at noon.

Submit a closure schedule request 5 days before the anticipated start of any job site activity that reduces:

1. Horizontal clearances of traveled ways, including shoulders, to 2 lanes or fewer due to activities such as temporary barrier placement and paving
2. Vertical clearances of traveled ways, including shoulders, due to activities such as pavement overlays, overhead sign installation, or falsework girder erection

Submit closure schedule changes, including additional closures, by noon at least 3 business days before a planned closure.

Cancel closure requests at least 48 hours before the start time of the closure.

The Department notifies you of unauthorized closures or closures that require coordination with other parties as a

Replace Section 12-4.02A(3)(d) with:

12-4.02A(3)(d) Traffic Break Schedule

Not Used.

Replace Section 12-4.02C(1) with:

12-4.02C(1) General

Work that interferes with traffic is limited to the hours when closures are allowed.

Do not reduce an open traffic lane width to less than 10 feet. If traffic cones or delineators are used for temporary edge delineation, the side of the base of the cones or delineators nearest to traffic is considered the edge of the traveled way.

Discuss the contingency plan for any activity that could affect the closure schedule with the Engineer at least 5 business days before starting the activity requiring the plan.

The Engineer may reschedule a closure that was canceled due to unsuitable weather.

Traffic will be controlled by flagmen by eyesight, radio (walkie talkie) or baton. In the event these methods do not work satisfactorily, as determined by the Engineer, a pilot car will be required.

The Engineer may require a pilot car to be used during earthwork operations in preparation of the grading plane or other operations when the Contractor's operations cover an area beyond the line of sight, or beyond the range of radios or when the baton method does not function satisfactorily.

You may use automated flagger assistance devices to enhance the traffic control system for a lane closure on a two-lane convention highway, except if a bid item for automated flagger assistance devices is shown in the Bid Item List, the use of AFADs is required.

Do not use automated flagger assistance devices:

1. On multi-lane highways
2. As a substitute or a replacement for a temporary traffic control signal
3. If the devices impair access for pedestrians and bicycles, unless alternate access is provided
4. If the usable shoulder area is not wide enough to place a trailer mounted device

5. If the distance between the devices is more than 800 feet, except when each device is controlled by a separate operator and radio communication is available between the AFAD operators

You may use a pilot car to control traffic. If a pilot car is used for traffic control, the cones along the centerline need not be placed. The pilot car must have radio contact with personnel in the work area. Operate the pilot car through the traffic control zone at a speed not greater than 25 miles per hour.

Replace Section 12-4.02C(2) with:

12-4.02C(2) Not Used

Replace Section 12-4.02C(3) with:

12-4.02C(3) Closure Requirements and Charts

12-4.02C(3)(a) General

Where 2 or more lanes in the same direction, including the shoulders, are adjacent to the area where the work is being performed, close the adjacent lane under any of the following conditions:

1. Work is off the traveled way but within 6 feet of the edge of the traveled way, and the approach speed is greater than 45 mph
2. Work is off the traveled way but within 3 feet of the edge of the traveled way, and the approach speed is less than 45 mph

Closure of the adjacent traffic lane is not required during any of the following activities:

1. Work behind a barrier
2. Paving, grinding, or grooving
3. Installation, maintenance, or removal of traffic control devices except for temporary railing

12-4.02C(3)(b) - 12-4.02C(3)(n)

Reserved

12-4.02C(3)(o) Closure of Conventional County Roads

The type and location of signs, lights, flags, flagmen, and other traffic control and safety devices shall be in accordance with the current edition of the California Manual on Uniform Traffic Control Devices (MUTCD) issued by the State of California, Department of Transportation (Caltrans).

Allow public traffic to pass through construction at all times unless otherwise specified herein.

Provide access to properties abutting the project site at all times.

When directed by the Engineer, traffic shall be routed through the work under one-way control.

Under one-way reversing traffic control operations, public traffic may be stopped in one direction for periods not to exceed 10 minutes.

Lane closure is defined as the closure of a traffic lane or lanes within a single traffic control system.

Provide a minimum of one paved traffic lane, not less than 11 feet wide, to be open for use by public traffic at all times.

The full width of the traveled way shall be open for use by public traffic when construction operations are not actively in progress.

Keep driveways and access roads accessible at all times.

Maintain vehicular access to the channel bank access roads at all times.

The seal coats shall not be applied to more than one-half of the width to be sealed at time, and the remaining half width to be kept free of obstructions and open for use by public traffic until the seal coat first applied is ready for use by traffic.

Asphaltic emulsion, asphalt concrete and asphalt rejuvenating agent shall not be applied to more than one-half of the width to be capped at a time, the remaining half-width to be kept free of obstructions and open for use by public traffic until the asphalt concrete cap, first applied, is ready for use by traffic.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders including sections closed to public traffic.

When work vehicles or equipment are parked on the shoulder within 6 feet of a traffic lane, the shoulder area shall be closed as shown on standard plan T-11.

The Contractor's equipment and materials shall not remain in a lane except when such lane is closed to traffic and the lane is being used for contract operations.

12-4.02C(3)(p)–12-4.02C(3)(s) Reserved

Replace Section 12-4.02C(7)(d) with:

12-4.02C(7)(d) Reserved

Replace the word “Department’s” with “Caltrans” in Section 12-4.02C(9)(a)(iv).

Replace section 12-4.02C(9)(d) with:

12-4.02C(9)(d) Payment

You pay the cost of furnishing all flaggers, including transporting flaggers and furnishing stands and towers for flaggers to provide for the passage of traffic through the work as specified in sections 7-1.03 and 7-1.04.

Add before the 1st paragraph of Section 12-4.02C(10):

Section 12-4.02C(10) is used when Pickup Truck Mounted Changeable Message Sign is shown in the Bid Item List.

Replace item 3.6.1 in the list in Section 12-4.02C(11)(a)(iii)(B) with:

Not Used

Replace item 5 in the list in Section 12-4.02C(11)(a)(iv)(C) with:

Not Used

Replace Section 12-4.02C(11)(d) with:

12-4.02C(11)(d) Payment

Full payment for conforming to the requirements of this section shall be considered to be included in the Traffic Control Plan item on the Bid Items List.

Replace Section 12-4.02C(14) with:

12-4.02C(14) Failure to Provide Traffic Control.

If you do not provide the traffic control and it becomes necessary for the Engineer to notify you of your duties according to the Standard Specifications and these special provisions, you will pay \$200 per 15-minute period or portion thereof to the County for all the time required to acquire the traffic control, including pilot car.

Such payment shall commence at the time notice of the improper traffic control condition is given to you or your authorized representative by the Engineer and shall terminate when the condition is corrected. Such payment will be deducted from your payment.

In addition, when it is necessary for the Engineer to perform the work, you will pay the actual cost for the performance thereof. Such amount will be deducted from your payment. This will be in addition to any penalties imposed in these special provisions.

The provisions in this section will not relieve you from your responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.04, "Public Safety," of the Standard Specifications.

Replace Section 12-4.02D with:

12-4.02D Payment

The Department pays for change order work for a traffic control system by force account for increased traffic control and uses a force account analysis for decreased traffic control.

Traffic control system for lane closure is paid for as traffic control system. Flagging costs are paid for as specified in section 12-1.04.

The requirements in section 4-1.05 for payment adjustment do not apply to traffic control system.

Adjustments in compensation for traffic control system will be made for an increase or decrease in traffic control work if ordered.

A traffic control system required by change order work is paid for as a part of the change order work.

Full compensation for furnishing and operating the pilot car, (including driver, radios, and any other equipment and labor required) shall be considered as included in the contract lump sum price paid for traffic control system and no further payment will be made.

13 WATER POLLUTION CONTROL

Replace the word "Department" with "Caltrans" where it occurs in Section 13-1.01A.

Replace the 1st paragraph of Section 13-1.01D(2) with:

13-1.01D(2) Regulatory Requirements

Comply with the discharge requirements in the NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities; Order No. 2009-000 9-DWQ, CAS000002 (Construction General Permit) and any amendments thereto issued by the SWRCB. The Construction General Permit may be found at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml

Add to the end of Section 13-1.01D(2):

This Project disturbs 0 acres of soil.

Replace Section 13-1.01D(4)(b) with:

13-1.01D(4)(b) Qualifications

The WPC manager must:

1. Comply with the requirements provided in the Construction General Permit for:
 - 1.1. QSP if the project requires a WPCP
 - 1.2. QSD if the project requires a SWPPP
2. Complete the stormwater management training described at the Stormwater and Water Pollution Control Information link at the Caltrans Division of Construction website

Replace Section 13-2.04:

13-2.04 PAYMENT

The Department pays for prepare water pollution control program as follows:

1. Total of 50 percent of the item total upon authorization of the WPCP
2. Total of 90 percent of the item total upon work completion
3. Total of 100 percent of the item total upon Contract acceptance

Add to section 13-3.01A:

This project's risk level is low.

Replace the 1st paragraph of Section 13-3.01C(2)(b)(iv) with:

If a sampling and analysis plan is required, submit a sampling and analysis plan that complies with the *Caltrans Construction Site Monitoring Program Guidance Manual*.

Add Section 13-3.01C(5):

13-3.01C(5) Annual Certification

Submit an annual certification of compliance as described in the *Caltrans Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual* before July 15th of each year.

Replace Section 13-3.04:

13-3.04 PAYMENT

For a project with 60 original working days or less, the Department pays for prepare stormwater pollution prevention plan as follows:

1. Total of 75 percent of the item total upon authorization of the SWPPP, and the completed N.O.I has been posted in the SMARTS public access database for the project.
2. Total of 100 percent of the item total upon Contract acceptance, and the completed N.O.I has been posted in the SMARTS public access database for the project.

For a project with more than 60 original working days, the Department pays for prepare stormwater pollution prevention plan as follows:

1. Total of 50 percent of the item total upon authorization of the SWPPP, and the completed N.O.I has been listed in the SMARTS public access database for the project.
2. Total of 90 percent of the item total upon work completion
3. Total of 100 percent of the item total upon Contract acceptance, and N.O.T has been closed in the SMARTS public access database for the project.

The Department does not pay for the preparation, collection, laboratory analysis, and reporting of stormwater samples for nonvisible pollutants if WPC practices are not implemented before precipitation or if you fail to correct a WPC practice before precipitation.

The Department pays:

1. \$500 for each authorized rain event action plan
2. \$2,000 for each authorized stormwater annual report upon acceptance by RWQCB

The Department does not adjust the unit price for an increase or decrease in the quantity of:

1. Rain event action plan
2. Storm water sampling and analysis day

3. Storm water annual report

Replace Section 13-4.03G with:

13-4.03G Dewatering

Dewatering consists of discharging accumulated stormwater, groundwater, or surface water from excavations or temporary containment facilities.

If dewatering is required, perform dewatering work as specified for the work items involved, such as a temporary ATS or dewatering and discharge.

If dewatering and discharging activities are not specified for a work item and you perform dewatering activities:

1. Conduct dewatering activities under the Caltrans *Field Guide for Construction Site Dewatering*.
2. Ensure any dewatering discharge does not cause erosion, scour, or sedimentary deposits that could impact natural bedding materials.
3. Discharge the water within the project limits. Dispose of the water if it cannot be discharged within project limits due to site constraints or contamination.
4. Do not discharge stormwater or non-stormwater that has an odor, discoloration other than sediment, an oily sheen, or foam on the surface. Immediately notify the Engineer upon discovering any such condition.

Replace the 2nd paragraph of Section 13-5.04 with:

If there is no bid item for temporary soil stabilization measures, payment therefor is considered to be included in the bid item for prepare and implement water pollution control program or in the bid item for prepare and implement stormwater pollution prevention plan, as applicable.

Replace Section 13-6.04 with:

13-6.04 PAYMENT

The payment quantity for temporary sediment control bid items paid for by the length is the length measured along the centerline of the installed material.

The payment quantity, if any, for temporary fiber roll does not include the additional quantity used for overlaps.

The Department does not pay for the relocation of temporary drainage inlet protection during work progress.

If there are no bid items for installing or maintaining temporary sediment control measures, payment therefor is considered to be included in the bid item for prepare and implement water pollution control program or in the bid item for prepare and implement stormwater pollution prevention plan, as applicable.

Replace Section 13-7.03D with:

13-7.03D Payment

The Department does not pay for the relocation of temporary construction entrances or roadways during work progress.

If there are no bid items for installing or maintaining temporary construction entrances or roadways, payment therefor is considered to be included in the bid item for prepare and implement water pollution control program or in the bid item for prepare and implement stormwater pollution prevention plan, as applicable.

Replace the 1st paragraph and the 1st line of the 2nd paragraph of Section 13-8.01C(2) with:

Within 20 days of Contract approval, submit 3 copies of the ATS plan if an ATS plan is required for the project.

The plan, if required, must include:

Replace the word "Department's" with "Caltrans" in items 3 and 4 of the list in Section 13-8.01C(2).

14 ENVIRONMENTAL STEWARDSHIP

Add after the 3rd paragraph of section 14-10.01:

Food scraps, paper wrappers, food containers, cans, bottles and all food related trash and litter must be removed from the project site at the end of each working day.

Replace the 8th paragraph of section 14-10.01 with:

Furnish and use closed-lid trash containers in the job-site yard, field trailers, and locations where workers gather for lunch and breaks.

Add after the 2nd paragraph of section 14-11.12A:

This project includes removal of yellow thermoplastic and/or yellow painted traffic stripe and /or pavement marking that will produce hazardous waste residue.

Add after the 1st paragraph of section 14-11.12E:

After the Engineer accepts the analytical test results, dispose of yellow thermoplastic and yellow paint hazardous waste residue at a Class 1 disposal facility located in California 30 days after accumulating 220 lb of residue.

If less than 220 lb of hazardous waste residue and dust is generated in total, dispose of it within 30 days after the start of accumulation of the residue.

Replace Section 14-12.04 with:

14-12.04 RELATIONS WITH SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT (SJVAPCD)

You are responsible for compliance with all applicable SJVAPCD regulations and requirements. This section is provided for your information, and nothing herein or elsewhere within these special provisions shall be construed as limiting your responsibility for complying with all applicable rules and regulations.

DIVISION III EARTHWORK AND LANDSCAPPE

17 GENERAL

Replace the 4th paragraph in section 17-2.03A with:

Clear and grub vegetation only within the excavation and embankment slope lines.

Replace the 1st sentence in the 2nd paragraph in section 17-2.03B with:

Cut tree branches that extend over the roadway and hang within 20 feet of finished grade and as directed by the engineer.

Add to end of 17-2.03C:

Any trees with a trunk diameter greater than or equal to 4" will constitute as a "tree removal" and will have separate bid item. Any tree or shrub less than 4" shall be considered in the bid item for "clearing and grubbing".

19 EARTHWORK

Replace the first paragraph of Section 19-5.03B with:

Compact earthwork to a relative compaction of at least 95 percent for at least a depth of:

1. 0.5 foot below the grading plane for the width between the outer edges of shoulders on excavation and embankments smaller than 2.5 feet above original grade.
2. 2.5 feet below the finished grade for the width of the traveled way plus 3 feet on either side (6 feet wider) on embankments.

Add to the list in the first paragraph of Section 19-9.02:

1. Import Borrow
2. Native Soil

Add after the 5th paragraph of Section 19-9.02:

When native soil or import borrow is used, material shall be readily compactable, shall not contain deleterious materials, shall pass 100% through a 2-inch sieve, 20% to 40% passing the #200 sieve, a Plasticity Index less than 10, and shall provide a stable surface and uniform appearance as determined by the engineer.

20 LANDSCAPE

Replace Section 20-1.02B with:

20-1.02B Water

Make arrangements for supplying water. Water must be of a quality that promotes plant growth.

22 FINISHING ROADWAY

DIVISION IV SUBBASE AND BASE

24 STABILIZED SOILS

Replace the word "Department's" with "Caltrans" in the 1st paragraph of Section 24-1.01C(1).

Delete the 4th paragraph of Section 24-1.01C(1).

27 CEMENT TREATED BASES

Replace the table in Section 27-1.01D(3) with:

Quality characteristic	Test method
Aggregate gradation	California Test 202 modified
Sand equivalent	California Test 217

R-value ^a	California Test 301
Optimum moisture content	California Test 312
Moisture content	California Test 226
Relative compaction	California Test 312 or 231
Compressive strength ^b	California Test 312

28 CONCRETE BASES

Add to the beginning of Section 28-1.01D(1):

Testing laboratories and testing equipment must comply with the Caltrans Independent Assurance Program.

Sample the base under California Test 125.

30 RECLAIMED PAVEMENT

Replace the word “Department’s” with “Caltrans” in the 2nd paragraph of Section 30-1.01D(4)(b).

Add to the end of section 30-4.02A:

Unconfined compressive strength testing and test results will be handled during preconstruction meeting.

DIVISION V SURFACINGS AND PAVEMENTS

36 GENERAL

Replace Section 36-3 with:

36-3 PAVEMENT SMOOTHNESS

36-3.01 GENERAL

36-3.01A Summary

Section 36-3 includes specifications for measuring the smoothness of pavement surfaces.

36-3.01B Definitions

Reserved

36-3.01C Submittals

36-3.01C(1) General

Reserved

36-3.01C(2) Reserved

36-3.01C(3) Reserved

36-3.01C(4) Straightedge Measurements

Within 2 business days of measuring smoothness with a straightedge, submit a list of the areas requiring smoothness correction. Identify the areas by:

1. Location number
2. District-County-Route
3. Beginning station or post mile to the nearest 0.01 mile

4. For correction areas within a traffic lane:
 - 4.1. Lane direction, *NB*, *SB*, *EB*, or *WB*
 - 4.2. Lane number from left to right in the direction of travel
 - 4.3. Wheel path, *L* for left, *R* for right, or *B* for both
5. For correction areas not within a traffic lane:
 - 5.1. Identify the pavement area, such as shoulder, weigh station, or turnout
 - 5.2. Direction and distance from the centerline, *L* for left or *R* for right
6. Estimated size of correction area

36-3.01D Quality Assurance

36-3.01D(1) General

Reserved

36-3.01D(2) Reserved

36-3.01D(3) Quality Control

36-3.01D(3)(a) General

Reserved

36-3.01D(3)(b) Smoothness

36-3.01D(3)(b)(i) General

Test pavement smoothness using a 12-foot straightedge for the pavement at:

1. Traffic lanes less than 1,000 feet in length, including ramps, turn lanes, and acceleration and deceleration lanes
2. Areas within 15 feet of manholes
3. Shoulders
4. Weigh-in-motion areas
5. Miscellaneous areas such as medians, gore areas, turnouts, and maintenance pullouts
6. Any other areas selected by the Engineer..

36-3.01D(3)(b)(ii) Reserved

36-3.01D(3)(b)(iii) Reserved

36-3.01D(4) Department Acceptance

The Department accepts pavement surfaces for smoothness based on compliance with the smoothness specifications for the type of pavement surface specified.

For areas that require pavement smoothness determined using a 12-foot straightedge, the pavement surface must not vary from the lower edge of the straightedge by more than:

1. 0.01 foot when the straightedge is laid parallel with the centerline
2. 0.02 foot when the straightedge is laid perpendicular to the centerline and extends from edge to edge of a traffic lane
3. 0.02 foot when the straightedge is laid within 24 feet of a pavement conform

36-3.02 MATERIALS

Not Used

36-3.03 CONSTRUCTION

Perform pavement smoothness testing in areas selected by the Engineer in the presence of the Engineer.

36-3.04 PAYMENT

Not Used

Replace section 36-4 with:

36-4 RESIDUE CONTAINING LEAD FROM PAINT AND THERMOPLASTIC

36-4.01 GENERAL

Section 36-4 includes specifications for performing work involving residue from grinding and cold planing that contains lead from paint and thermoplastic.

36-4.02 MATERIALS

Not Used

36-4.03 CONSTRUCTION

The residue from grinding or cold planing contains lead from paint and thermoplastic. The average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead. This residue:

1. Is a nonhazardous waste
2. Does not contain heavy metals in concentrations that exceed thresholds established by the Health and Safety Code and 22 CA Code of Regs
3. Is not regulated by the Federal Resource Conservation and Recovery Act, 42 USC § 6901 et seq.

Management of this material exposes workers to health hazards that must be addressed in your lead compliance plan.

36-4.04 PAYMENT

Not Used

37 SEAL COATS

Replace the word "Department's" with "Caltrans" where it appears in the 1st paragraph of Section 37-1.01D(1).

Replace Item 1 in the list of Section 37-2.01A(3) with:

1. Samples for:
 - 1.1. Asphaltic emulsion chip seal, six 1-quart wide mouth plastic containers with screw top lid of asphaltic emulsion
 - 1.2. Polymer modified asphaltic emulsion chip seal, six 1-quart wide mouth plastic containers with screw top lid of polymer modified asphaltic emulsion
 - 1.3. Asphalt rubber binder chip seal, two 1-quart cans of base asphalt binder
 - 1.4. Asphalt rubber binder chip seal, five 1-quart cans of asphalt rubber binder

Replace Section 37-2.01A(4)(b)(ii) with:

37-2.01A(4)(b)(ii) Aggregate

All tests must be performed on uncoated aggregate except for film stripping which must be performed on precoated aggregate.

For aggregate, the authorized laboratory must perform sampling and testing at the specified frequency and location for the following quality characteristics:

Aggregate Quality Control Requirements

Quality characteristic	Test method	Minimum sampling and testing frequency	Location of sampling
Los Angeles Rattler loss (max, %) At 100 revolutions At 500 revolutions	California Test 211	1st day of production	See California Test 125
Percent of crushed particles Coarse aggregate (min, %) One-fractured face Two-fractured faces Fine aggregate (min, %) (Passing No. 4 sieve and retained on No. 8 sieve) One fractured face	AASHTO T 335	1st day of production	See California Test 125
Flat and elongated particles (max by weight at 3:1, %)	ASTM D4791	1st day of production	See California Test 125
Film stripping (max, %)	California Test 302	1st day of production	See California Test 125
Durability (min)	California Test 229	1st day of production	See California Test 125
Gradation (% passing)	California Test 202	2 per day	See California Test 125
Cleanness value (min)	California Test 227	2 per day	See California Test 125

Replace the 9th paragraph of Section 37-2.01A(4)(c) with:

If test results for the aggregate gradation do not comply with specifications, you may remove the chip seal represented by these tests or request that it remain in place with a payment deduction. The deduction is \$1.75 per ton for the aggregate represented by the test results.

Replace the 3rd paragraph of Section 37-2.01B(3)(a) with:

The authorized laboratory must conduct the Vialit test using the proposed asphaltic emulsion or asphalt binder and aggregate for compliance with the requirements shown in the following table:

Replace the word “Department” with “Caltrans” in the 1st paragraph of Section 37-2.01B(3)(b).

Add to the end of section 37-2.01C(3):

Vegetation removal within the pavement and heavy soil removal is change order work.

Replace the 1st paragraph of Section 37-2.01C(4)(d)(iii) with:

Sweeping must be performed after the chip seal has set and there is no damage or dislodging of aggregate from the chip seal surface. In addition to previous sweeping, perform final sweeping immediately before opening any lane to public traffic, not controlled with pilot cars.

Replace the 2nd paragraph of Section 37-2.03B(2) with:

A polymer modified asphaltic emulsion must be either Grade PMCRS-2 or PMCRS-2h.

Add to the end of section 37-2.03B(3):

Aggregate for a polymer modified asphaltic emulsion chip seal must comply with the 3/8” gradation.

Replace item 1 in the list in the 1st paragraph of Section 37-3.01A(3) with:

1. Samples for:
 - 1.1. Asphaltic emulsion slurry seal, six 1-quart samples of asphaltic emulsion
 - 1.2. Polymer modified asphaltic emulsion slurry seal, six 1-quart samples of polymer modified asphaltic emulsion
 - 1.3. Micro-surfacing, two 1-quart samples of micro-surfacing emulsion

Add to section 37-3.01B(2):

Aggregate for slurry seal must be Type II.

Add to the end of section 37-3.01C(4):

Vegetation removal within the pavement and heavy soil removal is change order work.

Replace Section 37-3.02A(3) with:

37-3.02A(3) Submittals

Immediately after sampling, submit six 1-quart wide mouth plastic containers of asphaltic emulsion or polymer modified asphaltic emulsion taken in the presence of the Engineer. Samples must be submitted in insulated shipping containers.

Replace Section 37-3.02A(4)(b)(i) with:

37-3.02A(4)(b)(i) General

Take samples of asphaltic emulsion and polymer modified asphaltic emulsion from the tank truck at mid load or from a sampling tap or thief. Before taking samples, draw and dispose of 1 gallon. In the presence of the Engineer take two 1-quart samples in wide mouth plastic containers with lined, sealed lids for acceptance testing.

Replace Section 37-3.02B(2) with:

37-3.02B(2) Asphaltic Emulsions

Reserved **Replace item 1 in the list in Section 37-4.01A(3) with:**

1. Four 1-quart samples of asphaltic emulsion that is uncut from the plant.

Add to Section 37-4.02A(1):

Use either CQS-1H or CSS-1H asphaltic emulsion for flush coat.

Replace Section 37-4.02A(3) with:

37-4.02A(3) Submittals

Immediately after sampling, submit four 1-quart plastic container of asphaltic emulsion taken in the presence of the Engineer. Samples must be submitted in insulated shipping container.

Replace 1st paragraph of Section 37-4.02A(4)(b)(ii) with:

Take two 1-quart samples from the plant that are uncut for Department acceptance testing.

Replace Section 37-4.03C(1) with:

Do not track asphaltic emulsion on existing pavement surfaces.

Apply sand immediately after applying asphaltic emulsions.

The sand moisture content is not more than the sand SSD (Saturated Surface Dry) plus one percent.

No tires are allowed on asphaltic emulsions (fog seal coat) before sand aggregate has been placed.

Spread sand aggregate with the chipping machine (self-propelled aggregate spreaders) as described in Section 37-2.01C(2) that spreads sand at a uniform rate over the full width of a traffic lane in a single

application. Spread sand at a rate from 2 to 6 lb/sq yd. You determine the application rates for sand and the Engineer authorizes the application rate.

Replace the last paragraph of Section 37-5.01C with:

37-5.01C Submittals

Immediately after sampling, submit two 1-quart plastic containers of parking area seal taken in the presence of the Engineer. Samples must be submitted in insulated shipping containers.

Add to Section 37-6.02B:

Crack treatment material must be Type 2 for INLAND VALLEY and Type 5 for LOW and HIGH MOUNTAIN pavement regions.

Crack treatment must be hot-applied.

Delete the 3rd paragraph of Section 37-6.03

Add to Section 37-6.03:

Fill the crack overband not more than 3 inches wide.

Add Section 37-7:

37-7 CAPE SEAL

37-7.03A General

37-7.03A(1) Summary

Section 37-7.03 includes specifications for applying cape seal treatment.

Applying a cape seal treatment consists of applying a single layer of a chip seal treatment (one layer of emulsion and one layer of 3/8 inch chip) followed by a single layer slurry seal treatment.

37-7.03A(2) Definitions

Cape seal treatment is a two-step process of a single layer chip seal treatment followed by a slurry seal treatment.

37-7.03A(3) Submittals

All submittals specified for the single layer chip seal and the single layer slurry seal should be followed.

37-7.03A(4) Quality Assurance

37-7.03A(4)(a) General Reserved

37-7.03A(4)(b) Quality Control Reserved

37-7.03A(4)(c) Department Acceptance

Cape seal treatment acceptance is based on the following two criteria:

1. The acceptance of the single layer of a chip seal treatment as described in this and other related specifications; and
2. The acceptance of the single layer of the slurry seal treatment as described in this and other related specifications.

37-7.03B Materials

37-7.03B(1) General Reserved

37-7.03C Construction

37-7.03C(1) General

Preparation of the pavement surface and placing the single layer chip seal should be performed and constructed as described in the section of the chip seal treatment per these and other related specifications.

The single layer slurry seal treatment should be performed and constructed as described in these specifications and other related specifications.

The single layer slurry seal treatment should be placed after 4 days of the completion of the single layer chip seal treatment.

37-7.03C(2) Sweeping

Sweeping the top of the single layer chip seal should be performed as described in the section of the chip seal treatment and immediately prior to placement of the slurry seal treatment layer.

37-7.03D Payment

The payment of the cape seal treatment includes:

- 1) the payment for the single layer chip seal treatment (one layer of emulsion and one layer of 3/8 inch chip), as described in these and other related specifications; and
- 2) the payment of the single layer slurry seal treatment as described in this and other related specifications.

39 ASPHALT CONCRETE

Replace the list in the second paragraph of Section 39-2.01A(1) with:

1. Type A HMA
2. Minor HMA

Add to the end of the list in Section 39-2.01A(2):

8. Driveways and driveway approaches

Replace the 1st sentence of Section 39-2.01A(3)(b)(i) with:

Except for the HMA to be used in miscellaneous areas, dikes, and berms, submit your proposed JMF for each type of HMA to be used.

Replace the 2nd paragraph of Section 39-2.01A(3)(b)(i) with:

The Contractor Hot Mix Asphalt Design Data form must show documentation on aggregate quality.

Replace the 3rd paragraph of Section 39-2.01A(3)(b)(i) with:

If you cannot submit a Department-verified or Caltrans-verified JMF on a Caltrans Hot Mix Asphalt Verification form dated within 24 months before HMA production, the Engineer verifies the JMF.

Replace the 1st paragraph of Section 39-2.01A(3)(c) with:

With your proposed JMF submittal, submit a QC plan for HMA.

Add after the 4th paragraph of Section 39-2.01A(3)(c):

The QC Plan must include action and suspension limits and details of corrective action to be taken if any process is outside of those limits. Suspension limits must not exceed specified acceptance criteria.

The QC plan must describe how test results will be submitted including times for sampling and testing for each quality characteristic.

Replace Section 39-2.01A(3)(d) with:

39-2.01A(3)(d) Test Results

If ordered, submit QC results within 3 business days of a request.

For mix design, JMF verification, production start-up, and each 10,000 tons, submit AASHTO T 283 and AASHTO T 324 (Modified) test results to the Engineer.

Submit all QC test results, except AASHTO T 283 and AASHTO T 324 (Modified), within 3 business days of a request. Submit AASHTO T 283 QC tests within 15 days of sampling.

For tests performed under AASHTO T 324 (Modified), submit test data and 1 tested sample set within 5 business days of sampling.

If coarse and fine durability index tests are required, submit test results within 2 business days of sampling.

If a tapered notched wedge is used, submit compaction test result values within 24 hours of testing.

Replace the 1st sentence of the 2nd paragraph of Section 39-2.01A(3)(f) with:

For each delivery of liquid antistriper to the HMA production plant, submit a 1 pt sample to the Engineer.

Replace the 1st sentence of the 3rd paragraph of Section 39-2.01A(3)(f) with:

At the end of each day's production shift, submit production data in electronic media.

Replace the 1st sentence in the last paragraph of Section 39-2.01A(3)(g) with:

Each day during lime treatment, submit the treatment data log on electronic media in tab delimited format.

Replace the 1st sentence in the last paragraph of Section 39-2.01A(3)(h) with:

At the end of each day's production shift, submit electronic media from the HMA plant process controller.

Replace Section 39-2.01A(4)(a) with:

39-2.01A(4)(a) General

Take samples under California Test 125. Reduce samples of HMA to testing size under AASHTO R47.

AASHTO T 324 (Modified) is AASHTO T 324 with the following parameters:

1. Target air voids must equal 7.0 ± 1.0 percent
2. Specimen height must be 60 ± 1 mm
3. Number of test specimens must be 4 to run 2 tests
4. Do not average the 2 test results
5. Test specimen must be a 150 mm gyratory compacted specimen
6. Test temperature must be set at:
 - 6.1. 113 ± 2 degrees F for PG 58
 - 6.2. 122 ± 2 degrees F for PG 64
 - 6.3. 131 ± 2 degrees F for PG 70 and above
7. Measurements for impression must be taken at every 100 passes along the total length of the sample
8. Inflection point is the number of wheel passes at the intersection of the creep slope and the stripping slope at maximum rut depth
9. Testing shut off must be set at 25,000 passes
10. Submersion time for samples must not exceed 4 hours

If a WMA technology is used, a technical representative for the WMA technology must attend the preconstruction meeting.

Replace item 2 in the list in the 2nd paragraph of Section 39-2.01A(4)(b) with:

2. Asphalt binder. Take at least four 1 qt samples. Each sample must be in a cylindrical-shaped can with an open top and friction lid. If the asphalt binder is modified or rubberized, the asphalt binder must be sampled with the components blended in the proportions to be used.

Add the following item to the list in the 5th paragraph of Section 39-2.01A(4)(b):

4. Voids in mineral aggregate on laboratory-produced HMA

Replace the word “Caltrans” with “Department” in the 10th paragraph of Section 39-2.01A(4)(b).

Replace item 2 in the list in the 1st paragraph of Section 39-2.01A(4)(d) with:

2. Asphalt binder. Take at least four 1 qt samples. Each sample must be in a cylindrical-shaped can with an open top and friction lid. If the asphalt binder is modified or rubberized, the asphalt binder must be sampled with the components blended in the proportions to be used.

Replace the word “Department’s” with “Caltrans” in Section 39-2.01A(4)(f)(i).

Replace the word “Department’s” with “Caltrans” in Section 39-2.01A(4)(f)(ii).

Add the following to the end of Section 39-2.01A(4)(h)(i):

You are not entitled to compensation for the suspension of work resulting from noncompliance with quality control requirements, including those identified in the QC Plan.

Replace the 2nd paragraph of Section 39-2.01A(4)(h)(v) with:

Within the first 750 tons produced on the 1st day of HMA production, in the Engineer's presence, and from the same production run, take samples of:

1. Aggregates. Coarse, fine, and supplemental fine aggregates must be taken from the combined cold-feed belt or the hot bins. If lime treatment is required, samples must be taken from individual stockpiles before lime treatment. Samples must be at least 120 lb for each coarse aggregate, 80 lb for each fine aggregate, and 10 lb for each type of supplemental fines. For hot-bin samples, the Department combines these aggregate samples to verify the TV submitted on a Contractor Job Mix Formula Proposal form.
2. Asphalt binder. Take at least two 1 qt samples. Each sample must be in a cylindrical-shaped can with an open top and friction lid. If the asphalt binder is modified or rubberized, the asphalt binder must be sampled with the components blended in the proportions to be used.
3. RAP. Samples must be at least 50 lb from each fractionated stockpile.
4. Plant-produced HMA. The HMA samples must be at least 250 lb.

Delete the 6th paragraph of Section 39-2.01A(4)(h)(v).

Replace Section 39-2.01A(4)(h)(vii) with:

39-2.01A(4)(h)(vii) RESERVED

Replace Section 39-2.01A(4)(i)(iii) with:

39-2.01A(4)(i)(iii) Pavement Smoothness

For HMA pavement within 3 feet from and parallel to the construction joint formed between curbs, gutters, or existing pavement, test pavement smoothness using a 12-foot straightedge.

Replace the word “Department” with “Caltrans” in the 2nd paragraph of Section 39-2.01A(4)(i)(iv).

Replace the word “Department” with “Caltrans” in the 4th paragraph of Section 39-2.01B(4)(c)(ii).

Replace the word “Department’s” with “Caltrans” where it occurs in Section 39-2.01B(8)(a).

Replace Section 39-2.01B(11) with:

39-2.01B(11) Miscellaneous Areas, Dikes, & Berms

For miscellaneous areas, dikes, and berms:

1. Use Minor HMA.
2. Choose the aggregate gradation from:
 - 2.1. 3/8-inch Type A HMA aggregate gradation
 - 2.2. 1/2-inch Type A HMA aggregate gradation
 - 2.3. dike mix aggregate gradation
3. Choose asphalt binder Grade PG 64-10, PG 64-16 or PG 70-10.
4. Minimum asphalt binder content must be:
 - 4.1. 6.40 percent for 3/8-inch Type A HMA aggregate gradation
 - 4.2. 5.70 percent for 1/2-inch Type A HMA aggregate gradation
 - 4.3. 6.00 percent for dike mix aggregate gradation

If you request and the Engineer authorizes, you may reduce the minimum asphalt binder content.

Aggregate gradation for dike mix must be within the TV limits for the specified sieve size shown in the following table:

**Dike Mix Aggregate Gradation
(Percentage Passing)**

Sieve size	Target value limit	Allowable tolerance
1/2"	100	--
3/8"	---	95 - 100
No. 4	73-77	TV ± 10
No. 8	58-63	TV ± 10
No. 30	29-34	TV ± 10
No. 200		0 - 14

For HMA used in miscellaneous areas, dikes, and berms, sections 39-2.01A(3), 39-2.01A(4), 39-2.01B(2), 39-2.01B(4)(c), and 39-2.01B(5)-(10) do not apply.

Replace the 2nd paragraph of 39-2.01C(3)(g) with:

Before placing the interlayer or asphalt binder, clean the pavement of loose and extraneous material.

Replace Section 39-2.01C(4)(b) with:

39-2.01C(4)(b) Tapered Notched Wedge

Not used

Add the following after the last paragraph of Section 39-2.01C(5):

The test section:

1. Must not be less than 0.1 mile in length.
2. Must have a width equal to the width of the pavement and tapered edge to be paved in one pass during production.
3. Locations shall be proposed by the Contractor and approved by the Engineer.

The test section must be constructed with asphalt paver fitted with one of the following FHWA-approved tapered edge devices:

1. **“Shoulder Wedge Maker”** manufactured by Transtech Systems, Inc., 1594 State Street, Schenectady, NY 12304, Telephone 1-800-724-6306 or 518-370-5558
2. **“Advant-Edger”** manufactured by Advant-Edge Paving Equipment LLC, 33 Old Niskayuna Road, Loudonville, NY 12211, Telephone 814-422-3343
3. **“Ramp Champ”** manufactured by Advant-Edge Paving Equipment LLC, 33 Old Niskayuna Road, Loudonville, NY 12211, Telephone 814-422-3343
4. **“SafeTSlope”** manufactured by Troxler Electronic Laboratories, Inc., 3008 E. Cornwallis Rd. Research Triangle Park, NC 27709, Telephone 877-876-9537

Comply with manufacturer’s instructions for attaching the device(s) to the paver. The Engineer accepts the use of selected tapered edge device when edge shape and compaction of the test section are in compliance with plans and specifications. No further paving operations which include the construction of the tapered edge shall commence unless means and methods for constructing the tapered edge are approved by the Engineer.

Add to the end of Section 39-2.01C(7):

New paving shall tie smoothly into previously resurfaced mats, existing pavement and to private drives. Place additional HMA along the pavement’s edge to conform to private drives and private road connections as shown in the Project Details.

Hand rake, if necessary, and compact the additional HMA to form a smooth conform taper.

Feather down the HMA to zero thickness at the approximate rate of 20 feet per 0.08-foot thickness at all match lines across the travel lanes including the beginning and end of construction and at all intersections unless otherwise shown or described in the Project Details and as directed by the Engineer.

Replace Section 39-2.01C(9) with:

39-2.01C(9) Miscellaneous Areas , Dikes, & Berms

Prepare the area to receive HMA for miscellaneous areas, dikes, and berms, including excavation and backfill as needed.

Spread the HMA in miscellaneous areas in 1 layer and compact to the specified lines and grades.

In median areas adjacent to slotted median drains, each layer of HMA must not exceed 0.20 foot maximum compacted thickness.

The finished surface must be:

1. Textured uniformly
2. Compacted firmly
3. Without depressions, humps, and irregularities

Add to the list in the 1st paragraph of Section 39-2.01C(15)(b):

5. HMA overlays over existing pavement

Replace the 2nd paragraph in Section 39-2.01D with:

Except for when a bid item for tack coat is specified, payment for tack coat is included in the payment for hot mix asphalt.

Replace the 5th paragraph in Section 39-2.01D with:

The payment quantity for place hot mix asphalt dike or berm of the type shown on the Bid Item List is the length measured from end to end. Payment for the HMA used to construct the dike or berm is not included in the payment for place hot mix asphalt dike or berm.

Replace Section 39-2.02A(4)(b)(ii) with:

39-2.02A(4)(b)(ii) Aggregates

Test the quality characteristics of aggregates under the test methods and frequencies shown in the following table:

Aggregate Testing Frequencies

Quality characteristic	Test method	Minimum testing frequency
Gradation ^a	AASHTO T 27	1 per 750 tons and any remaining part
Sand equivalent ^{b, c}	AASHTO T 176	
Moisture content ^d	AASHTO T 255	
Crushed particles	AASHTO T 335	1 per 10,000 tons or 2 per project whichever is greater
Los Angeles Rattler	AASHTO T 96	
Flat and elongated particles	ASTM D4791	
Fine aggregate angularity	AASHTO T 304 Method A	
Coarse durability index	AASHTO T 210	1 per 3,000 or 1 per paving day, whichever is greater
Fine durability index	AASHTO T 210	

^aIf RAP is used, test the combined aggregate gradation under California Test 384.

^bReported value must be the average of 3 tests from a single sample.

^cUse of a sand reading indicator is required as shown in AASHTO T 176, Figure 1. Sections 4.7, "Manual Shaker," 7.1.2, "Alternate Method No. 2," and 8.4.3, "Hand Method," do not apply. Prepare the stock solution as specified in section 4.8.1, "Stock solution with formaldehyde," except omit the addition of formaldehyde.

^dTest at continuous mixing plants only. If RAP is used, test the RAP moisture content at continuous mixing plant and batch mixing plant.

For lime treated aggregate, test aggregate before treatment and test for gradation and moisture content during HMA production.

Replace Section 39-2.02A(4)(b)(iii) with:

39-2.02A(4)(b)(iii) Reclaimed Asphalt Pavement

Sample and test processed RAP at a minimum frequency of 1 sample per 1,000 tons with a minimum of 6 samples per fractionated stockpile. If the fractionated stockpile has not been augmented, the 3 RAP samples taken and tested for mix design can be part of this minimum sample requirement. If a processed RAP stockpile is augmented, sample and test processed RAP quality characteristics at a minimum frequency of 1 sample per 500 tons of augmented RAP.

The combined RAP sample when tested under AASHTO T 164 must be within ± 2.00 percent of the average asphalt binder content reported on page 4 of your Contractor Hot Mix Asphalt Design Data form. If a new processed RAP stockpile is required, the average binder content of the new processed RAP stockpile must be within ± 2.00 percent of the average binder reported on page 4 of your Contractor Hot Mix Asphalt Design Data form.

The combined RAP sample when tested under AASHTO T 209 must be within ± 0.06 of the average maximum specific gravity reported on page 4 of your Contractor Hot Mix Asphalt Design Data form.

During Type A HMA production, sample RAP twice daily and perform QC testing for:

1. Aggregate gradation at least once a day under California Test 384
2. Moisture content at least twice a day

Replace Section 39-2.02A(4)(b)(ix) with:

39-2.02A(4)(b)(ix) Type A Hot Mix Asphalt Production

Test the quality characteristics of Type A HMA under the test methods and frequencies shown in the following table:

Type A HMA Production Testing Frequencies

Quality characteristic	Test method	Minimum testing frequency
Asphalt binder content	AASHTO T 308, Method A	1 per 750 tons and any remaining part
HMA moisture content	AASHTO T 329	1 per 2,500 tons but not less than 1 per paving day
Air voids content	AASHTO T 269	1 per 4,000 tons or 2 every 5 paving days, whichever is greater
Voids in mineral aggregate	MS-2 Asphalt Mixture Volumetrics	1 per 10,000 tons or 2 per project whichever is greater
Dust proportion	MS-2 Asphalt Mixture Volumetrics	
Hamburg wheel track	California Test 389	1 per 10,000 tons or 1 per project, whichever is greater
Moisture susceptibility	AASHTO T 283	3 per 250 tons or 3 per paving day, whichever is greater

Replace the 1st table in the 1st paragraph of Section 39-2.02A(4)(e) with:

39-2.02A(4)(e) Department Acceptance

The Department accepts Type A HMA based on compliance with:

1. Aggregate quality requirements shown in the following table:

Aggregate Quality

Quality characteristic	Test method	Requirement
Aggregate gradation ^a	AASHTO T 27	JMF ± Tolerance
Percent of crushed particles	AASHTO T 335	95
Coarse aggregate (min, %)		
One-fractured face		
Two-fractured faces		
Fine aggregate (min, %)	AASHTO T 335	90
(Passing No. 4 sieve		
and retained on No. 8 sieve.)		
One-fractured face		70
Los Angeles Rattler (max, %)	AASHTO T 96	12
Loss at 100 Rev.		
Loss at 500 Rev.		
Sand equivalent (min.) ^{b, c}	AASHTO T 176	47
Flat and elongated particles (max, % by weight at 5:1)	ASTM D4791	10
Fine aggregate angularity (min, %) ^d	AASHTO T 304, Method A	45
Coarse durability index (D _c , min)	AASHTO T 210	65
Fine durability index (D _f , min)	AASHTO T 210	50

^aThe Engineer determines combined aggregate gradations containing RAP under California Test 384.

^bReported value must be the average of 3 tests from a single sample.

^cUse of a sand reading indicator is required as shown in AASHTO T 176, Figure 1. Sections 4.7, "Manual Shaker," 7.1.2, "Alternate Method No. 2," 8.4.2 Manual Shaker Method, and 8.4.3, "Hand Method," do not apply. Prepare the stock solution as specified in section 4.8.1, "Stock solution with formaldehyde," except omit the addition of formaldehyde.

^dThe Engineer waives this specification if HMA contains 10 percent or less of nonmanufactured sand by weight of total aggregate. Manufactured sand is fine aggregate produced by crushing rock or gravel.

Replace the 1st sentence in the 2nd paragraph of Section 39-2.02B(2) with:

For Type A HMA mixtures using RAP, the maximum allowed binder replacement is 25.0 percent.

Replace Section 39-2.02B(4)(a) with:

39-2.02B(4)(a) General

Before the addition of asphalt binder and lime treatment, the aggregates must comply with the requirements shown in the following table:

Aggregate Quality

Quality characteristic	Test method	Requirement
Percent of crushed particles:		
Coarse aggregate (min, %)		
One-fractured face		95
Two-fractured faces		90
Fine aggregate (min, %)	AASHTO T 335	
(Passing No. 4 sieve and retained on No. 8 sieve.)		
One-fractured face		70
Los Angeles Rattler (max, %)		
Loss at 100 Rev.	AASHTO T 96	12
Loss at 500 Rev.		40
Sand equivalent (min) ^a	AASHTO T 176	47
Flat and elongated particles (max, % by weight at 5:1)	ASTM D4791	10
Fine aggregate angularity (min, %) ^b	AASHTO T 304, Method A	45
Coarse durability index (Dc, min)	AASHTO T 210	65
Fine durability index (Df, min)	AASHTO T 210	50

^aThe reported value must be the average of 3 tests from a single sample. Use of a sand reading indicator is required as shown in AASHTO T 176, Figure 1. Sections 4.7, "Manual Shaker," 7.1.2, "Alternate Method No. 2," 8.4.2 Manual Shaker Method, and 8.4.3, "Hand Method," do not apply. Prepare the stock solution as specified in section 4.8.1, "Stock solution with formaldehyde," except omit the addition of formaldehyde.

^bThe Engineer waives this specification if the Type A HMA contains 10 percent or less of nonmanufactured sand by weight of total aggregate. Manufactured sand is fine aggregate produced by crushing rock or gravel.

Replace Section 39-2.02B(5) with:

39-2.02B(5) Reclaimed Asphalt Pavement

You may substitute RAP for part of the virgin aggregate in a quantity up to 15 percent of the aggregate blend.

Provide enough space at your plant for complying with all RAP handling requirements. Provide a clean, graded base, well drained area for stockpiles.

If RAP is from multiple sources, blend the RAP thoroughly and completely before fractionating.

For RAP substitution of 15 percent of the aggregate blend or less, fractionation is not required.

Isolate the processed RAP stockpiles from other materials. Store processed RAP in conical or longitudinal stockpiles. Processed RAP must not be agglomerated or be allowed to congeal in large stockpiles.

Replace Section 39-2.02B(11) with:

39-2.02B(11) Type A Hot Mix Asphalt Production

If RAP is used, the asphalt plant must automatically adjust the virgin asphalt binder to account for RAP percentage and RAP binder.

During production, you may adjust hot- or cold-feed proportion controls for virgin aggregate and RAP. RAP must be within ± 3 of RAP percentage described in your Contractor Job Mix Formula Proposal form without exceeding 15 percent.

Add to the beginning of Section 39-2.02C:

Place Type A HMA in lifts if shown in the project details.

Replace Section 39-3.02C with:

Where replace asphalt concrete surfacing is shown, remove the asphalt concrete surfacing and, if necessary, base to a depth of 6 inches below the grade of the existing surfacing and replace with HMA. The Engineer determines the exact limits of asphalt concrete surfacing to be replaced.

The width of each removal shall be a minimum of four feet wide or as determined by the Engineer.

Use cold planed material for shoulder backing inside the project limits, as per these specifications and as directed by the Engineer.

Replace asphalt concrete in a lane before the lane is specified to be opened to traffic.

Before removing asphalt concrete, outline the replacement area and cut neat lines with a saw or grind to a depth of 6 inches below the grade of the existing surfacing. Do not damage any asphalt concrete and base remaining in place.

If you excavate the base beyond the specified plane, replace it with HMA.

Do not use a material transfer vehicle for replacing asphalt concrete surfacing.

Before placing HMA, apply a tack coat as specified in section 39-2.01C(3)(f).

Place HMA using method compaction as specified in section 39-2.01C(2)(c).

The contract price paid per unit shown on the Bid Item List for Replace Asphalt Concrete Pavement shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in repairing pavement, complete in place, including disposal of removed material, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

The quantity of Replace Asphalt Concrete Pavement to be paid for will be the actual volume repaired.

Replace Section 39-3.03 with:

39-3.03 REMOVE ASPHALT CONCRETE DIKES & BERMS

39-3.03A General

Section 39-3.03 applies to removing asphalt concrete dikes and berms outside the limits of excavation.

39-3.03B Materials

Not Used

39-3.03C Construction

Reserved

39-3.03D Payment

Not Used

40 CONCRETE PAVEMENT

Replace the word "Department's" with "Caltrans" in the 1st paragraph of Section 40-1.01D(4).

41 EXISTING CONCRETE PAVEMENT

Replace the 4th paragraph of Section 41-9.01C(1) with:

During individual slab replacement operations, submit uniformity reports for hydraulic cement at least once every 30 days to the Engineer. Uniformity reports must comply with ASTM C917 except testing age and water content may be modified to suit the particular material.

46 GROUND ANCHORS AND SOIL NAILS

Replace the 1st sentence of the 1st paragraph of Section 46-1.01C(2)(a) with:

Submit shop drawings and supporting calculations electronically to the Engineer.

47 EARTH RETAINING SYSTEMS

Replace the 1st sentence of the 1st paragraph of Section 47-6.01C(2) with:

Submit shop drawings and supporting calculations for the alternative system electronically to the Engineer.

DIVISION VI STRUCTURES

49 PILING

Replace the 2nd sentence of the 1st paragraph of Section 49-1.01C(2) with:

Submit the test boring report and log of test borings electronically to the Engineer.

Replace the 2nd paragraph of Section 49-1.01C(2) with:

If corrections to the submittal are required, submit the corrected test boring report and the log of test borings electronically to the Engineer.

Replace the “shop welding” and “field welding” definitions in Section 49-2.02A(2) with:

shop welding: Welding performed at a plant on the Caltrans Authorized Facility Audit List.

field welding: Welding not performed at a plant on the Caltrans Authorized Facility Audit List.

Replace the word “Department’s” with “Caltrans” in the 1st paragraph of section 49-2.02A(3)(d).

Replace the word “Department’s” with “Caltrans” in Section 49-2.02A(4)(b)(ii).

Replace the word “Department’s” with “Caltrans” in the 6th paragraph of Section 49-2.02B(1)(a).

Replace the word “Department” with “Caltrans” in the 2nd paragraph of Section 49-2.02B(1)(d).

Replace the word “Department” with “Caltrans” in item 2 in the list in the 1st paragraph of Section 49-3.02A(3)(g).

Replace the word “Department’s” with “Caltrans” in item 6 of the 4th paragraph of Section 49-3.02C(5).

50 PRESTRESSING CONCRETE

Replace the 1st paragraph of Section 50-1.01C(3) with:

Submit shop drawings for the proposed prestressing system electronically to the Engineer.

51 CONCRETE STRUCTURES

Replace the 1st paragraph of Section 51-2.02D(1)(c)(ii) with:

Submit shop drawings for each alternative joint seal assembly electronically to the Engineer.

Replace the 3rd paragraph of Section 51-2.02D(1)(c)(ii) with:

If requested, submit supplemental calculations for each proposed alternative joint seal assembly electronically to the Engineer.

Replace the 1st paragraph of Section 51-2.02E(1)(c)(ii) with:

Submit shop drawings for each joint seal assembly electronically to the Engineer.

Replace the 2nd paragraph of Section 51-2.02E(1)(c)(ii) with:

If requested, submit supplemental calculations for each proposed modular joint seal assembly electronically to the Engineer.

Replace the 1st paragraph of Section 51-2.02F(1)(c)(ii) with:

Submit shop drawings for the asphaltic plug joint seal system electronically to the Engineer.

Replace the 1st paragraph of Section 51-3.03A(3)(b) with:

Submit shop drawings electronically to the Engineer.

Replace the 1st sentence of the 1st paragraph in section 51-4.01C(2)(a) with:

Submit shop drawings for PC concrete members electronically to the Engineer.

Replace the 3rd paragraph in section 51-4.02C with:

Grout for keyways must have a cementitious material content of 590 lb/cu yd and a 3/8 inch maximum grading. Penetration of the grout must be near the lower limit of the specified nominal penetration.

55 STEEL STRUCTURES

Replace the 1st sentence of the 1st paragraph of Section 55-1.01C(2) with:

Submit shop drawings for steel structures electronically to the Engineer.

58 SOUND WALLS

Replace the 1st sentence of the 1st paragraph of Section 58-4.01C(2) with:

Submit project specific shop drawings electronically to the Engineer.

DIVISION VII DRAINAGE FACILITIES

68 SUBSURFACE DRAINS

Replace the word "Department's" with "Caltrans" in the 12th paragraph of Section 68-3.03.

DIVISION VIII MISCELLANEOUS CONSTRUCTION

78 INCIDENTAL CONSTRUCTION

Add to the end of Section 78-2.01:

Damaged or destroyed survey monuments shall be replaced with new survey monuments.

Survey monuments shall be constructed or adjusted, as applicable, in accordance with Standard Drawing A-74 Type D.

Survey control for the reestablishment of survey monuments will be provided by the Department.

DIVISION IX TRAFFIC CONTROL DEVICES

82 SIGNS AND MARKERS

Replace the word “Department’s” with “Caltrans” in the 2nd paragraph of Section 82-1.01.

Replace Item 1 of the 2nd paragraph of section 82-2.02A with:

1. Phrase *Property of The County of Fresno*

Add to Section 82-2.02B:

Signs must be 0.080 inch thick aluminum alloy and street name signs must be 0.125 inch thick alloy faced on both sides.

Replace the 2nd paragraph of Section 82-2.02C with:

Reflective sheeting on all signs shall be 3M Diamond Grade DG3 Series 4000 or equal and must meet ASTM Type XI specifications.

Add to Section 82-2.02D:

All signs must have the 3M 1160 graffiti resistant clear overlay film or equal.

Replace Section 82-2.04 with:

82-2.04 PAYMENT

Not Used

Add to the end of Section 82-3.02A:

All new roadside signs must be mounted to steel square posts.

Add to the end of Section 82-3.02B:

All post for traffic signs must be 2”X2”X10’ square by 14 gauge steel.

Welded Anchor (2 ¼”X2 ¼”X30”) and sleeve (2 ½”X2 ½”X18”) shall be used as a base to anchor post in the ground. Hole size and placement must be the same as the metal post.

All mounting hardware shall be either galvanized or stainless steel. Banding shall be ¾ inch wide stainless steel with flare leg sign brackets. Hose clamps are not permitted. All signs shall be mounted using 3/8” aluminum drive rivets. Nuts and bolts are not permitted.

Replace the 1st paragraph of Section 82-3.02D with:

Furnish a laminated wood box post with an attached metal cap at the top of each post.

Replace the last paragraph of Section 82-3.04 with:

Full compensation for furnishing sign panels is included in the bid item price per each Roadside Sign - One Post and Roadside Sign - Two Post. One or more sign panels furnished and installed on a single post will be counted as (1) one Roadside Sign - One Post. One or more sign panels furnished and installed on two posts will be counted as (1) one Roadside Sign - Two Post.

83 RAILINGS AND BARRIERS

Replace the 2nd paragraph of Section 83-2.02C(1)(a) with:

Construct midwest guardrail systems using:

1. Wood line posts.
2. Wood blocks for line posts.
3. Only 1 type of post and block for any 1 continuous length of guardrail.

84 MARKINGS

Replace Section 84-1.03 with:

84-1.03 Construction

Before obliterating any pavement delineation (traffic stripes, pavement markings) that is to be replaced on the same alignment and location, as determined by the Engineer, the pavement delineation shall be referenced by the Contractor, with a sufficient number of control points to reestablish the alignment and location of the new pavement delineation. The references shall include the limits or changes in striping pattern, including one- and 2-way barrier lines, limit lines, crosswalks and other pavement markings. Full compensation for referencing existing pavement delineation shall be considered as included in the contract prices paid for various items of work and no additional compensation will be allowed.

The Contractor shall protect pedestrian crosswalks, stop bars, rumble bars, and rumble Botts' dots from damage or displacement, unless otherwise directed by the Engineer.

Replace or repair facilities, which are damaged with your operation, at your expense.

Replace the 2nd paragraph of section 84-2.01D(3) with:

The thermoplastic test stripe will be tested for yellow color, daytime luminance factor, and yellowness index requirements.

Delete the 1st & 2nd paragraph of Section 84-2.03B(2)(a)

Replace the 2nd paragraph of section 84-2.03B(2)(b) with:

Apply extruded thermoplastic for a traffic stripe at a rate of at least 0.37 lb of thermoplastic per foot of 4-inch-wide solid stripe. The applied thermoplastic traffic stripe must be at least 0.100 inch thick.

Replace the 2nd paragraph of Section 84-2.03B(2)(c) with:

Apply sprayable thermoplastic at a rate of at least 0.29 lb of thermoplastic per foot of 4-inch-wide solid stripe. The applied sprayable thermoplastic material must be 0.08 inch (80 mil) thick.

Replace *Reserved* in section 84-9.03B with:

84-9.03B Remove Traffic Stripes and Pavement Markings Containing Lead

Residue from the removal of painted or thermoplastic traffic stripes and pavement markings contains lead from the paint or thermoplastic. The average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead. This residue:

1. Is a nonhazardous waste
2. Does not contain heavy metals in concentrations exceeding the thresholds established by the Health and Safety Code and 22 CA Code of Regs
3. Is not regulated under the Federal Resource Conservation and Recovery Act (RCRA), 42 USC § 6901 et seq.

Management of this material exposes workers to health hazards that must be addressed in your lead compliance plan.

Replace the 1st paragraph of section 84-9.04 with:

The payment quantity for remove traffic stripe is the measured length of the stripe removed independent of width. Double or triple stripes are paid the same as a single stripe.

DIVISION XI MATERIALS

90 CONCRETE

Replace the 1st sentence of the 3rd paragraph of Section 90-1.01D(3) with:

Shrinkage test data authorized by the Department or Caltrans no more than 3 years before the 1st da of the Contract is authorized for entire Contract.

Add to the end of item 3.3 in the list in the 7th paragraph of Section 90-1.02G(3):

Max.

Replace the word “Department” with “Caltrans” in the 2nd paragraph of Section 90-2.02E.

Replace the 3rd sentence of Item 3 of the list in the 3rd paragraph of Section 90-4.02 with:

Test data authorized by the Department or Caltrans no more than 3 years before the 1st day of the Contract is authorized for the entire Contract.

92 ASPHALT BINDERS

Replace the word “Department” with “Caltrans” in the 1st sentence of Section 92-1.01D(2).

Replace the word “Department” with “Caltrans” in footnote ‘b’ of the 1st table in Section 92-1.02B.

Replace the word “Department” with “Caltrans” in the 5th paragraph of Section 92-1.02B.

94 ASPHALTIC EMULSIONS

Replace Section 94-1.02E with:

94-1.02E Cationic Emulsified recycling Agent

Not Used

Replace Section 94-1.02G with:

94-1.02G Bonded Wearing Course Asphaltic Emulsions

Not Used

Replace Section 94-1.02H with:

94-1.02H Rapid Setting Polymer Modified Rejuvenating Asphaltic Emulsions

Not Used

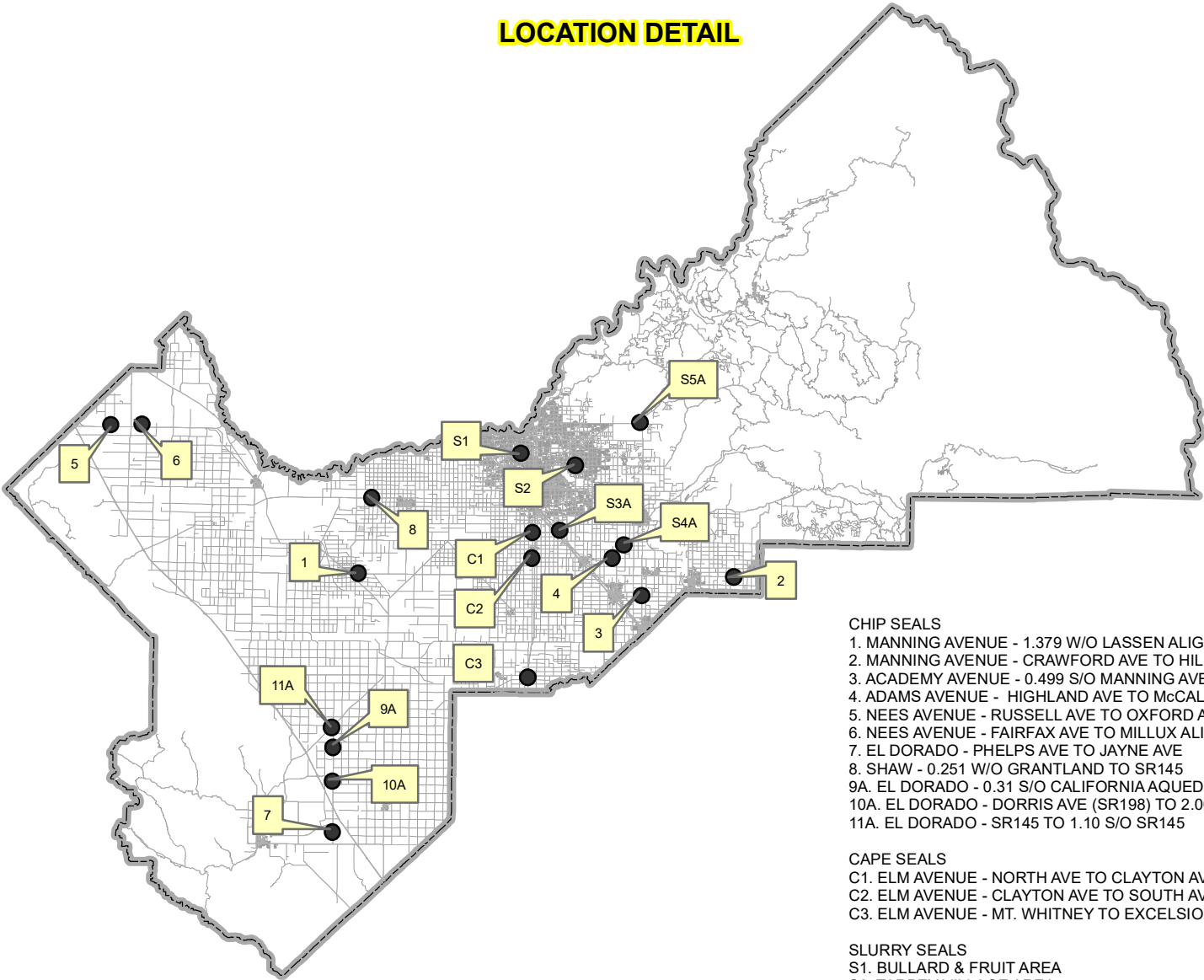
Replace Section 94-1.02K with:

94-1.02K Micro-Surfacing Emulsions

Not Used

Project Details

LOCATION DETAIL



- CHIP SEALS**
- 1. MANNING AVENUE - 1.379 W/O LASSEN ALIGN TO PLACER AVE
 - 2. MANNING AVENUE - CRAWFORD AVE TO HILL AVE
 - 3. ACADEMY AVENUE - 0.499 S/O MANNING AVE TO MT. VIEW AVE
 - 4. ADAMS AVENUE - HIGHLAND AVE TO McCALL AVE
 - 5. NEES AVENUE - RUSSELL AVE TO OXFORD AVE
 - 6. NEES AVENUE - FAIRFAX AVE TO MILLUX ALIGN
 - 7. EL DORADO - PHELPS AVE TO JAYNE AVE
 - 8. SHAW - 0.251 W/O GRANTLAND TO SR145
 - 9A. EL DORADO - 0.31 S/O CALIFORNIA AQUEDUCT TO 2.260 S/O CALIFORNIA AQUEDUCT
 - 10A. EL DORADO - DORRIS AVE (SR198) TO 2.00 S/O DORRIS AVE (SR198)
 - 11A. EL DORADO - SR145 TO 1.10 S/O SR145

- CAPE SEALS**
- C1. ELM AVENUE - NORTH AVE TO CLAYTON AVE
 - C2. ELM AVENUE - CLAYTON AVE TO SOUTH AVE
 - C3. ELM AVENUE - MT. WHITNEY TO EXCELSIOR AVE

- SLURRY SEALS**
- S1. BULLARD & FRUIT AREA
 - S2. TARPEY VILLAGE AREA
 - S3A. MALAGA AREA
 - S4A. DEL REY AREA
 - S5A. CSA 35M - N. PUNJAB, AMAN, E. DEEP AVE- PARCEL MAP NO. 4613

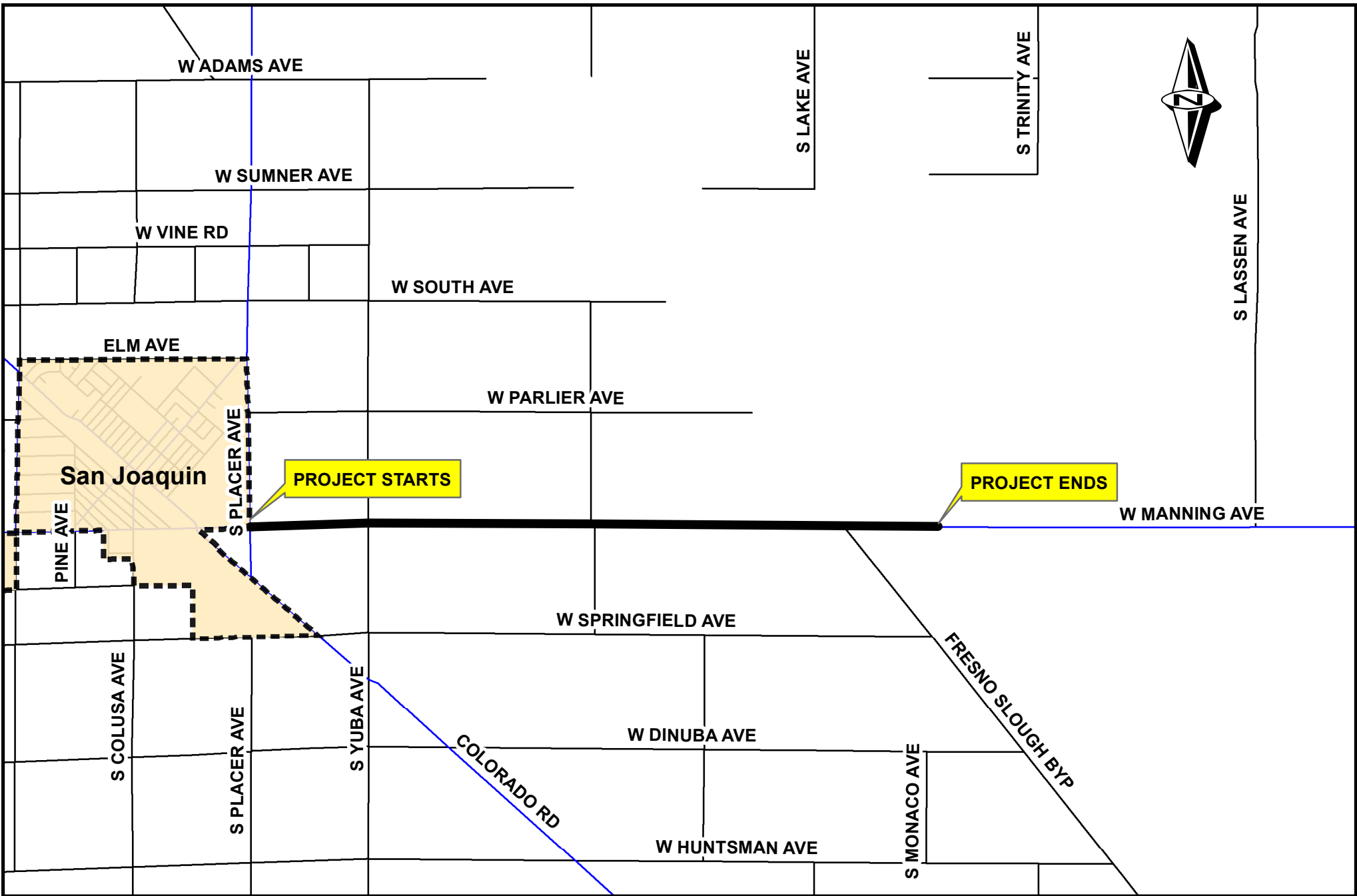
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DESIGNED: K.X	07/25/2024
DRAWN: K.X	07/25/2024
CHECKED BY :	

TYPE OF TREATMENTS
CHIP SEALS CAPE SEALS SLURRY SEALS

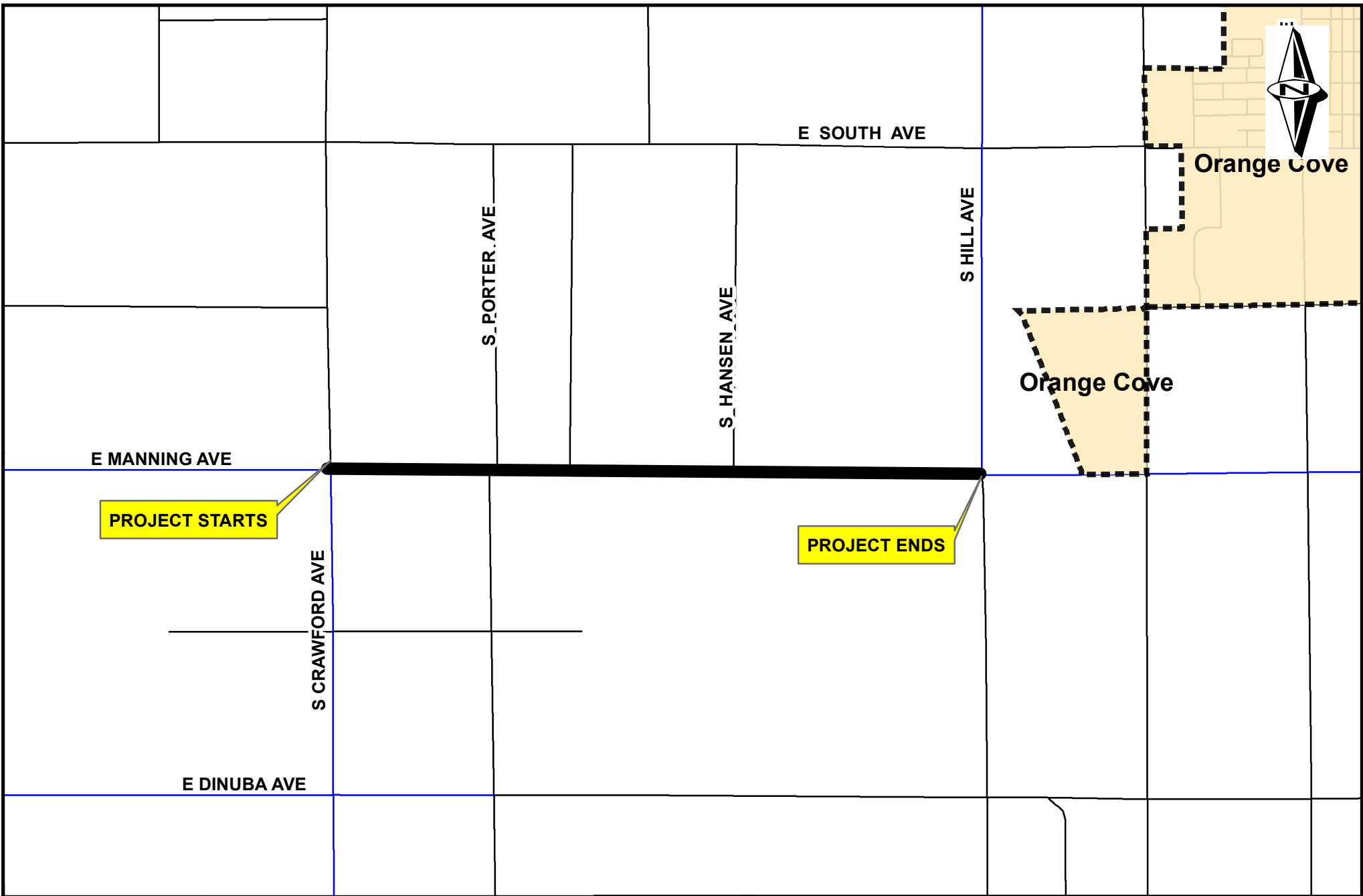


DEPARTMENT OF PUBLIC WORKS & PLANNING

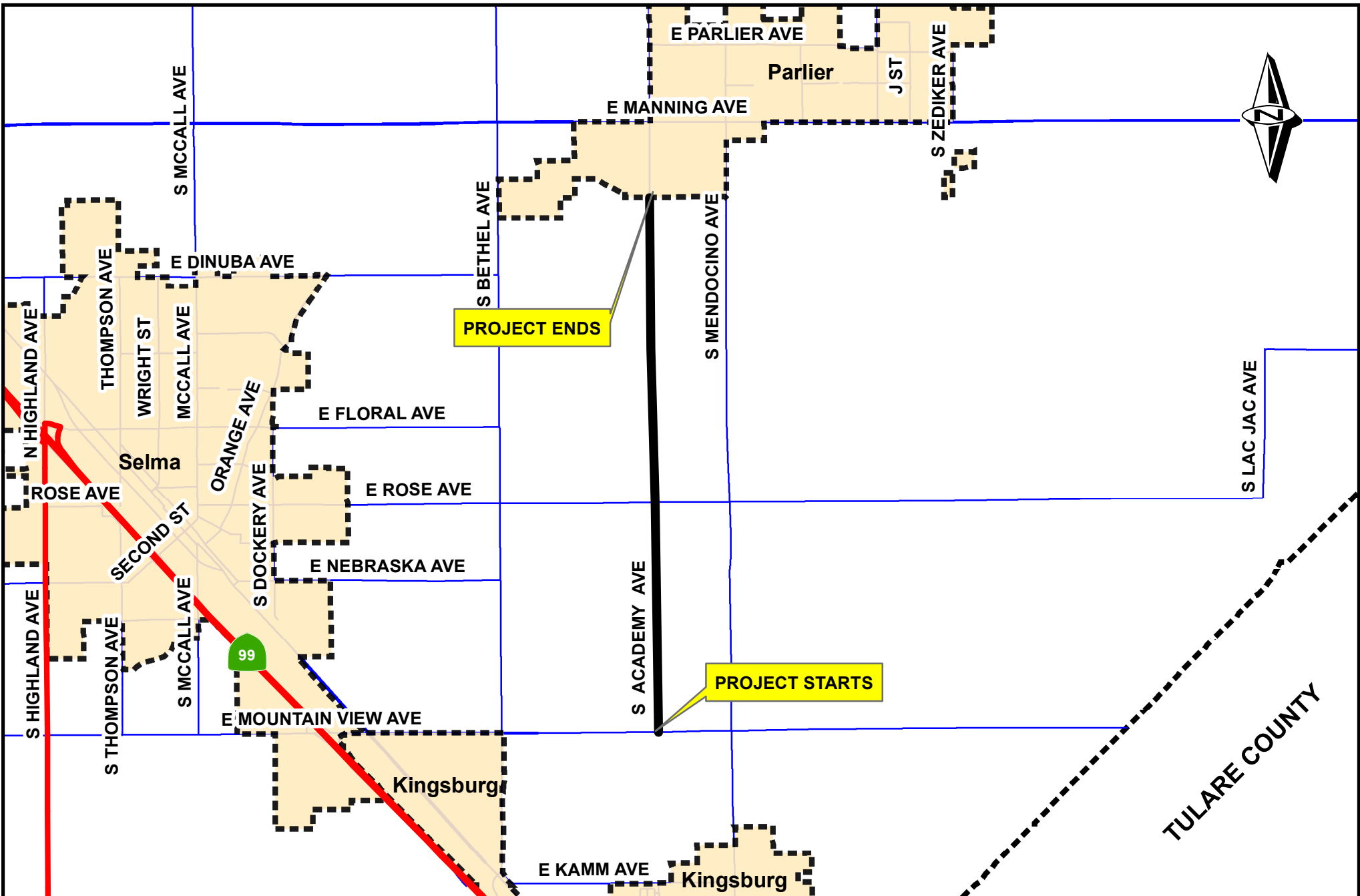
ROAD PRESERVATION TREATMENTS
CONTRACT NUMBER: 24-06-M



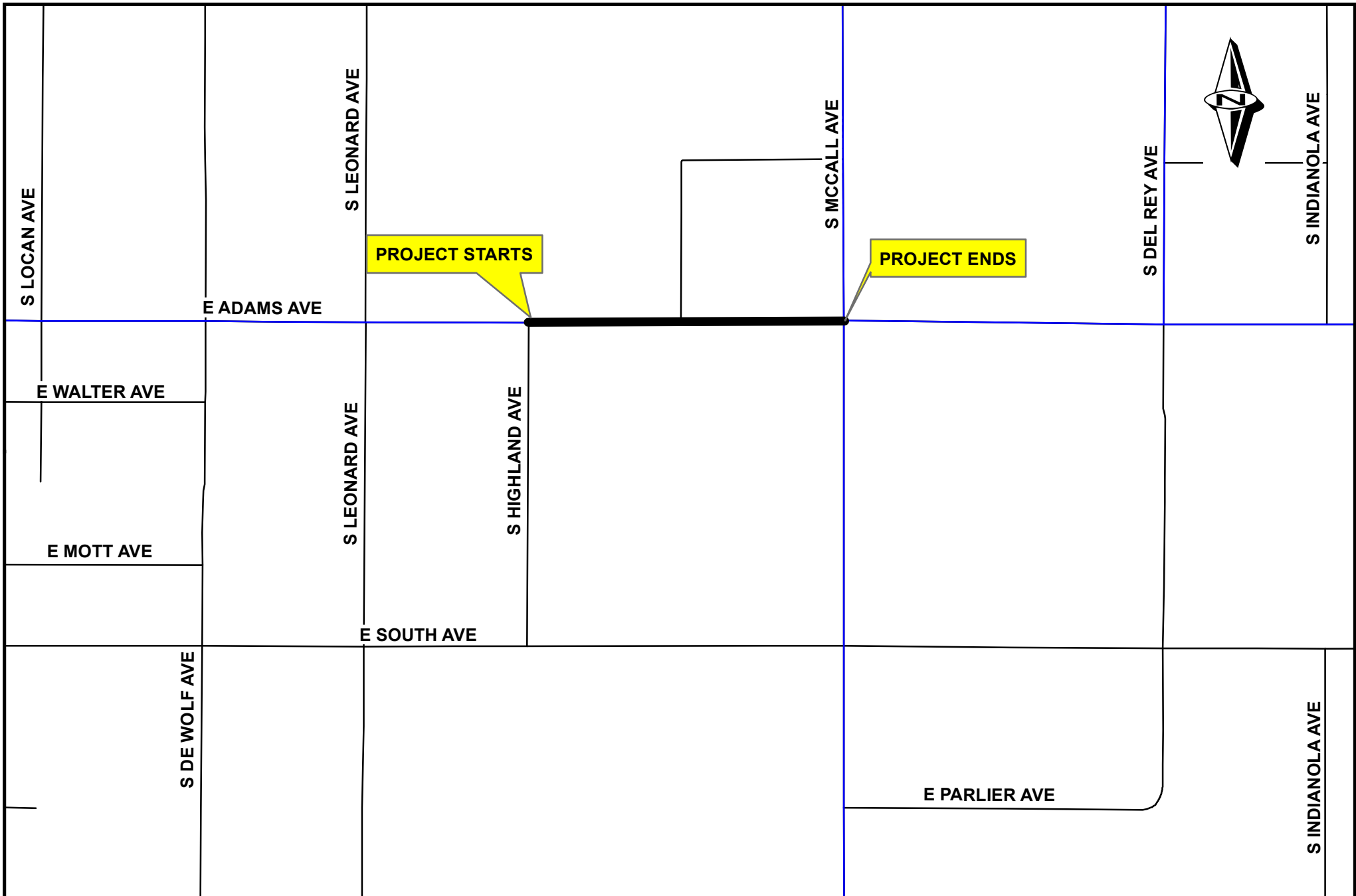
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DESIGNED:	K.X.	07/24/2024	CHIP SEALS LOCATION 1		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN:	K.X.	07/24/2024			
CHECKED BY:					



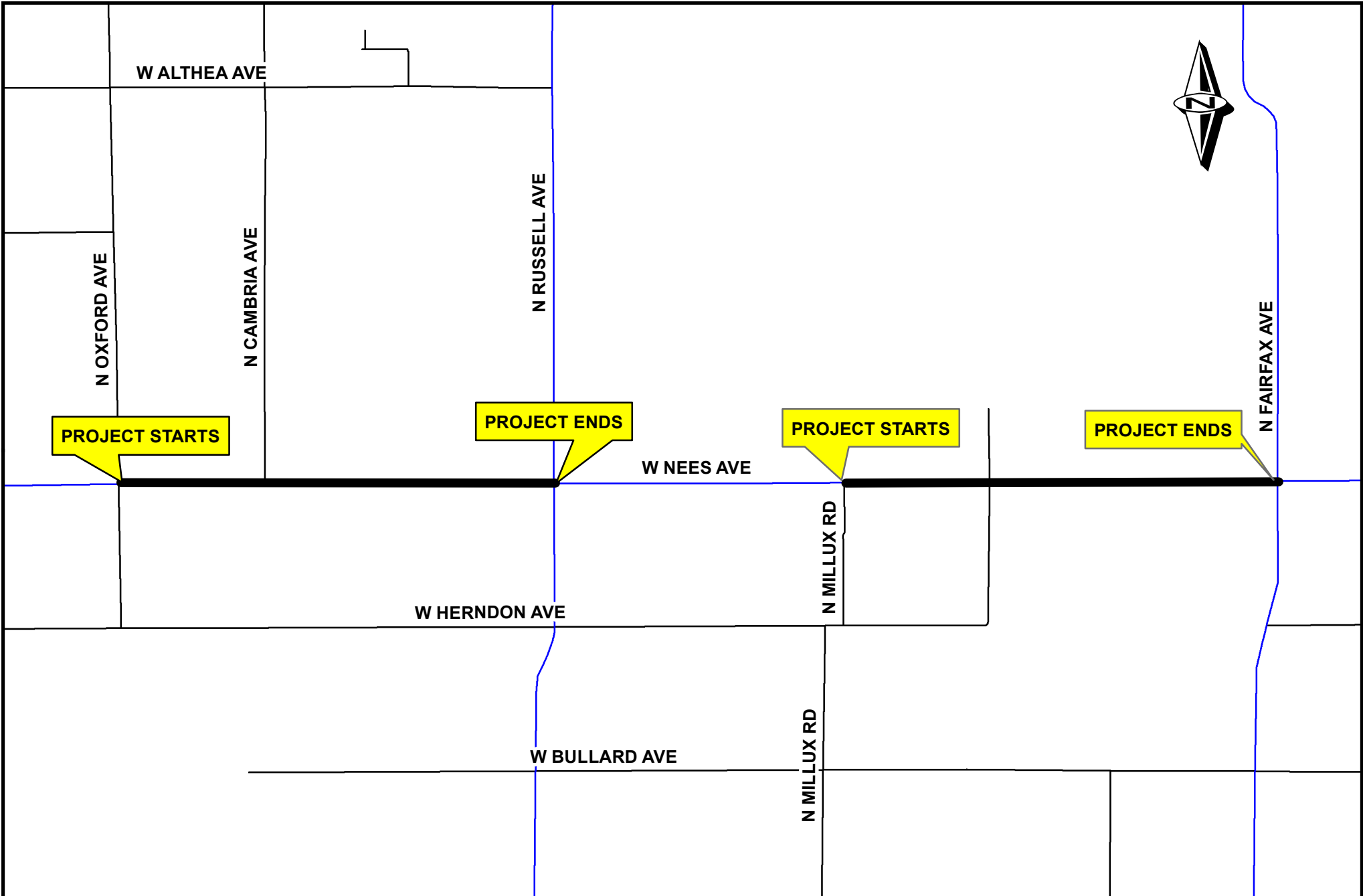
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DESIGNED:	K.X	07/24/2024	CHIP SEALS LOCATION 2		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN:	K.X	07/24/2024			



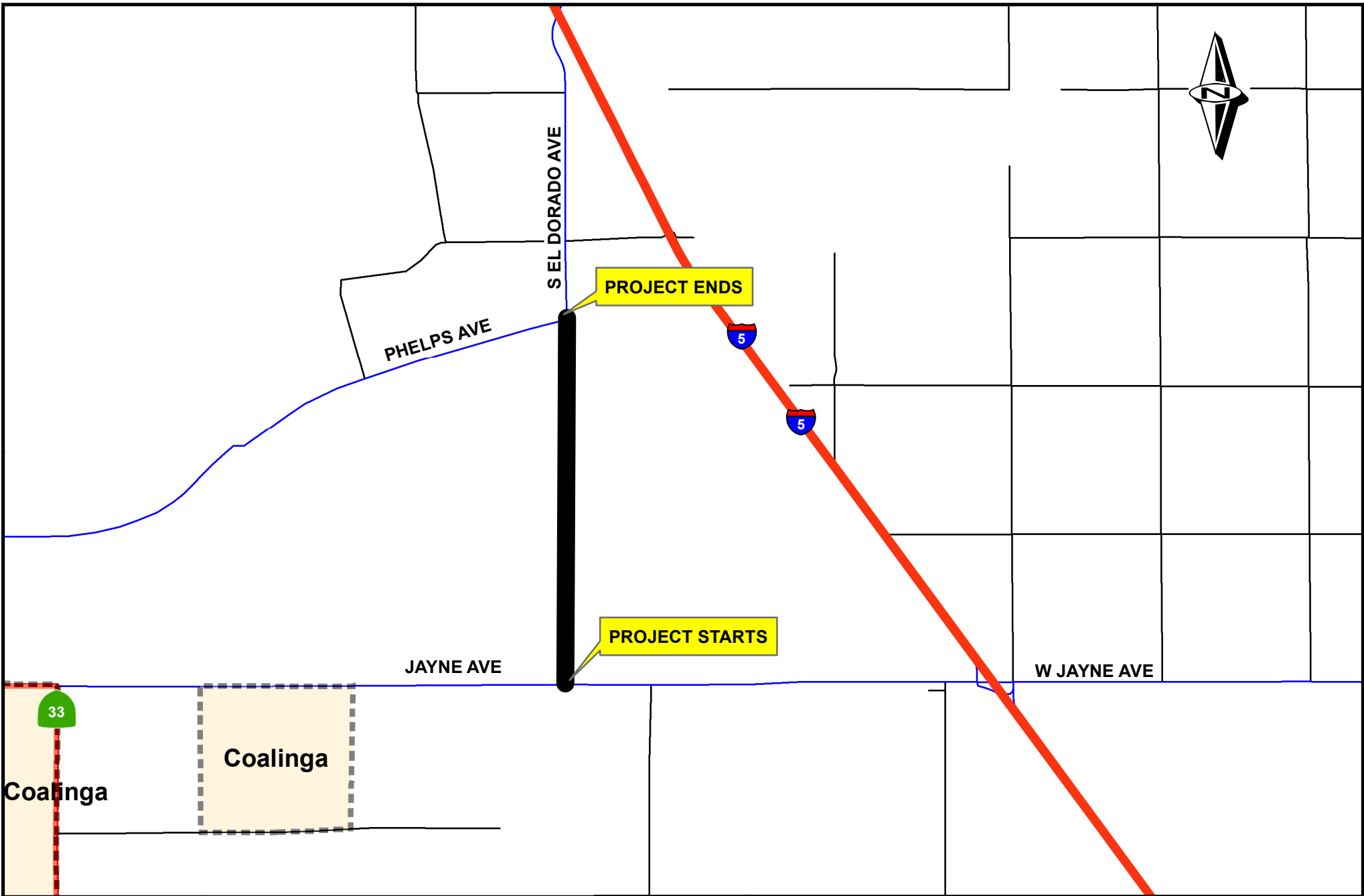
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DESIGNED: K.X	07/24/2024	CHIP SEALS LOCATION 3		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X	07/24/2024			
CHECKED BY:				



		DATE:		DEPARTMENT OF PUBLIC WORKS & PLANNING	
			TYPE OF TREATMENT		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DESIGNED:	K.X.	07/24/2024	CHIP SEALS LOCATION 4		
DRAWN:	K.X.	07/24/2024			

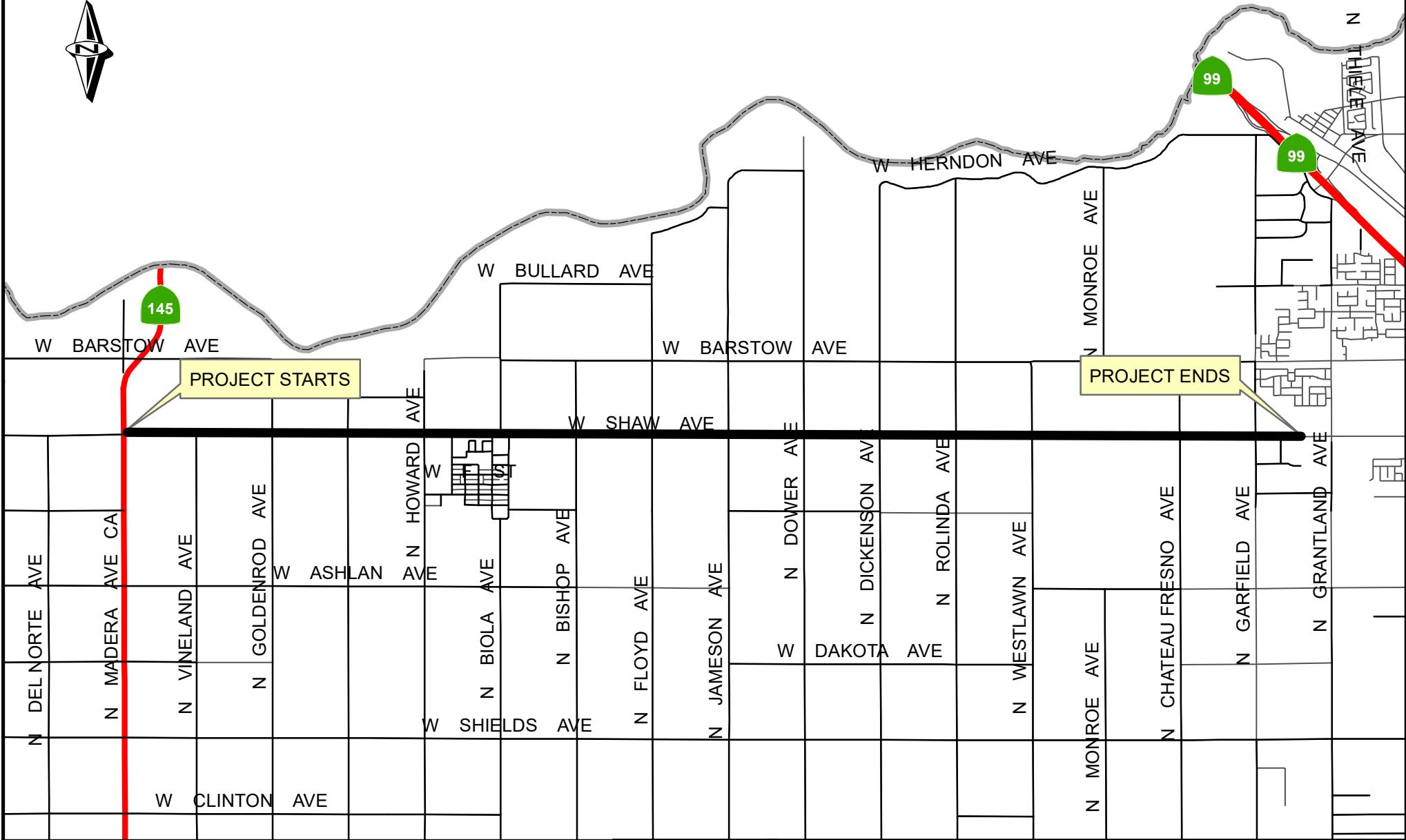


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DESIGNED: K.X	07/24/2024	CHIP SEALS LOCATION 5 & 6		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X	07/24/2024			
CHECKED BY:				



	DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING
DESIGNED: K.X	07/24/2024	CHIP SEALS LOCATION 7		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X	07/24/2024			

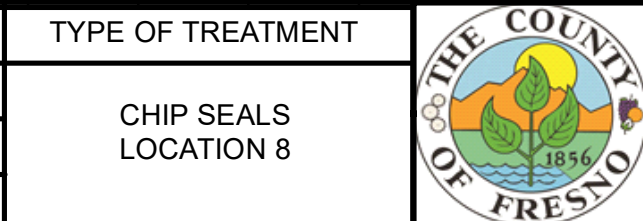
LOCATION DETAIL



PROJECT STARTS

PROJECT ENDS


	DATE:	TYPE OF TREATMENT
DESIGNED: K.X.	07/24/2024	CHIP SEALS LOCATION 8
DRAWN: K.X.	07/24/2024	



DEPARTMENT OF PUBLIC WORKS & PLANNING

**ROAD PRESERVATION TREATMENTS
PROJECT NUMBER 24-06-M**

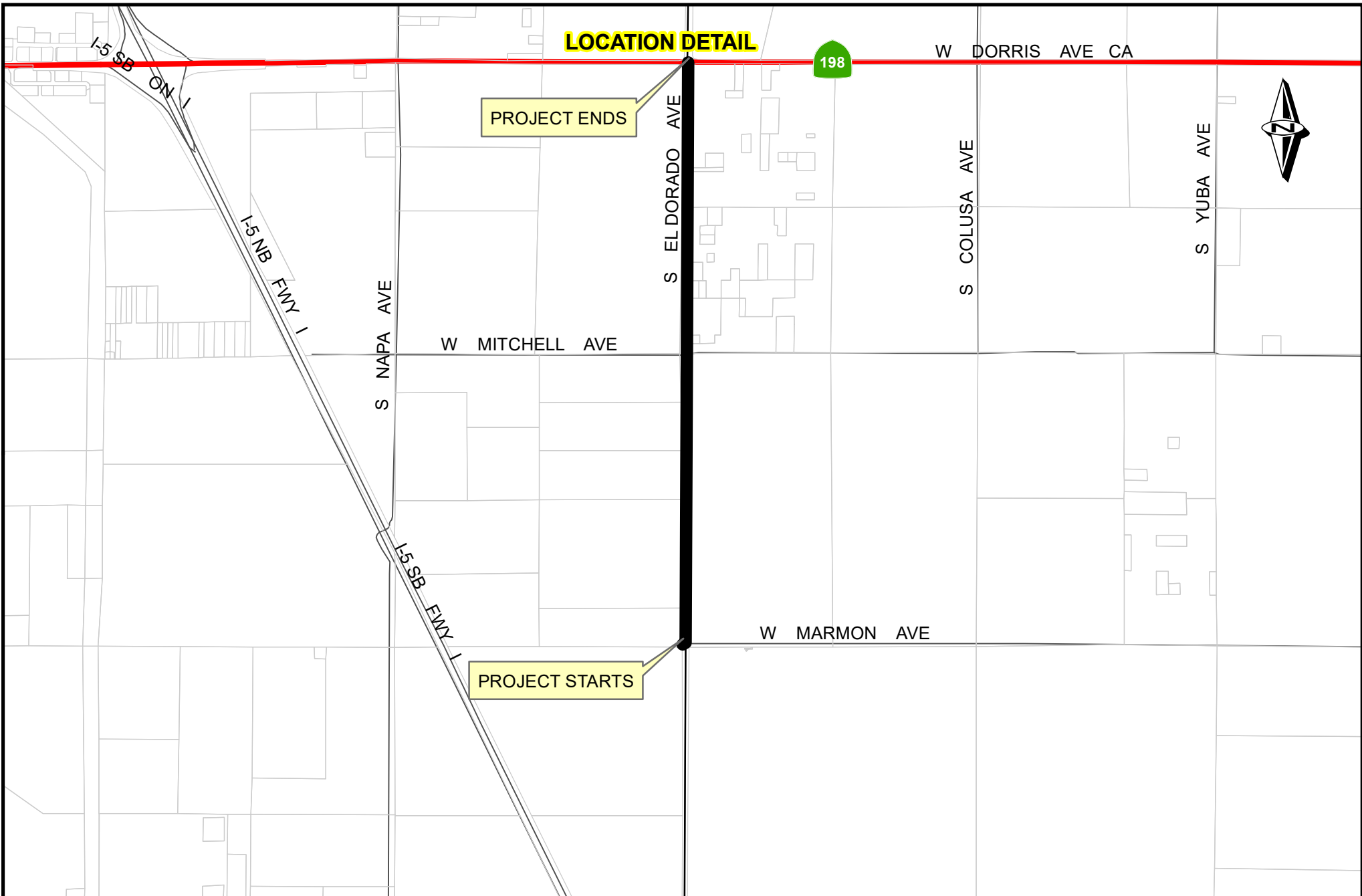


	DATE:	TYPE OF TREATMENT	
DESIGNED: K.X.	07/24/2024	CHIP SEALS LOCATION 9A	
DRAWN: K.X.	07/24/2024		

DEPARTMENT OF PUBLIC WORKS & PLANNING

**ROAD PRESERVATION TREATMENTS
PROJECT NUMBER 24-06-M**

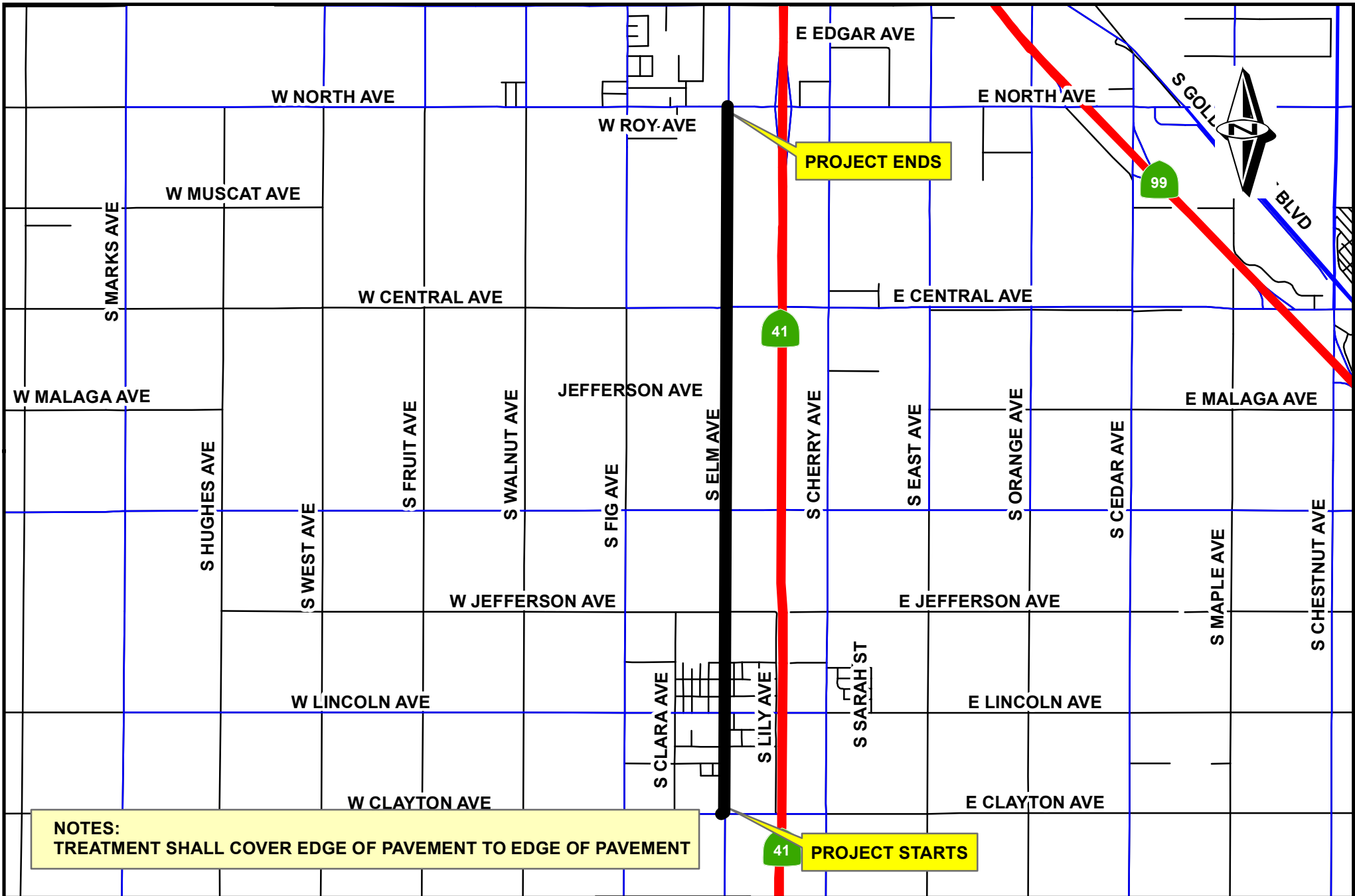
LOCATION DETAIL



	DATE:	TYPE OF TREATMENT		<i>DEPARTMENT OF PUBLIC WORKS & PLANNING</i>
DESIGNED: K.X.	07/24/2024	CHIP SEALS LOCATION 10A		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X.	07/24/2024			

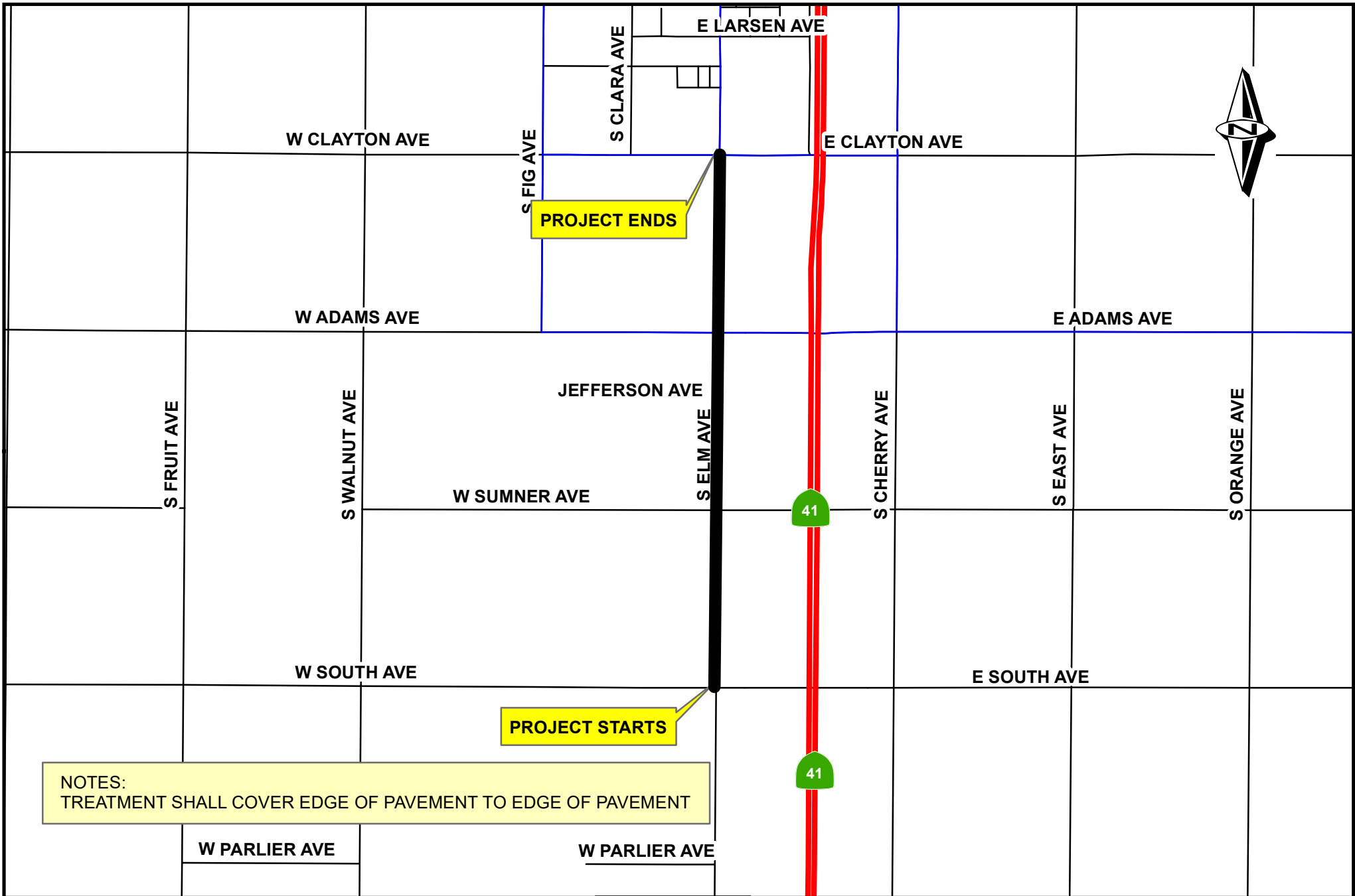


	DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING
DESIGNED: K.X.	07/24/2024	CHIP SEALS LOCATION 11A		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X.	07/24/2024			



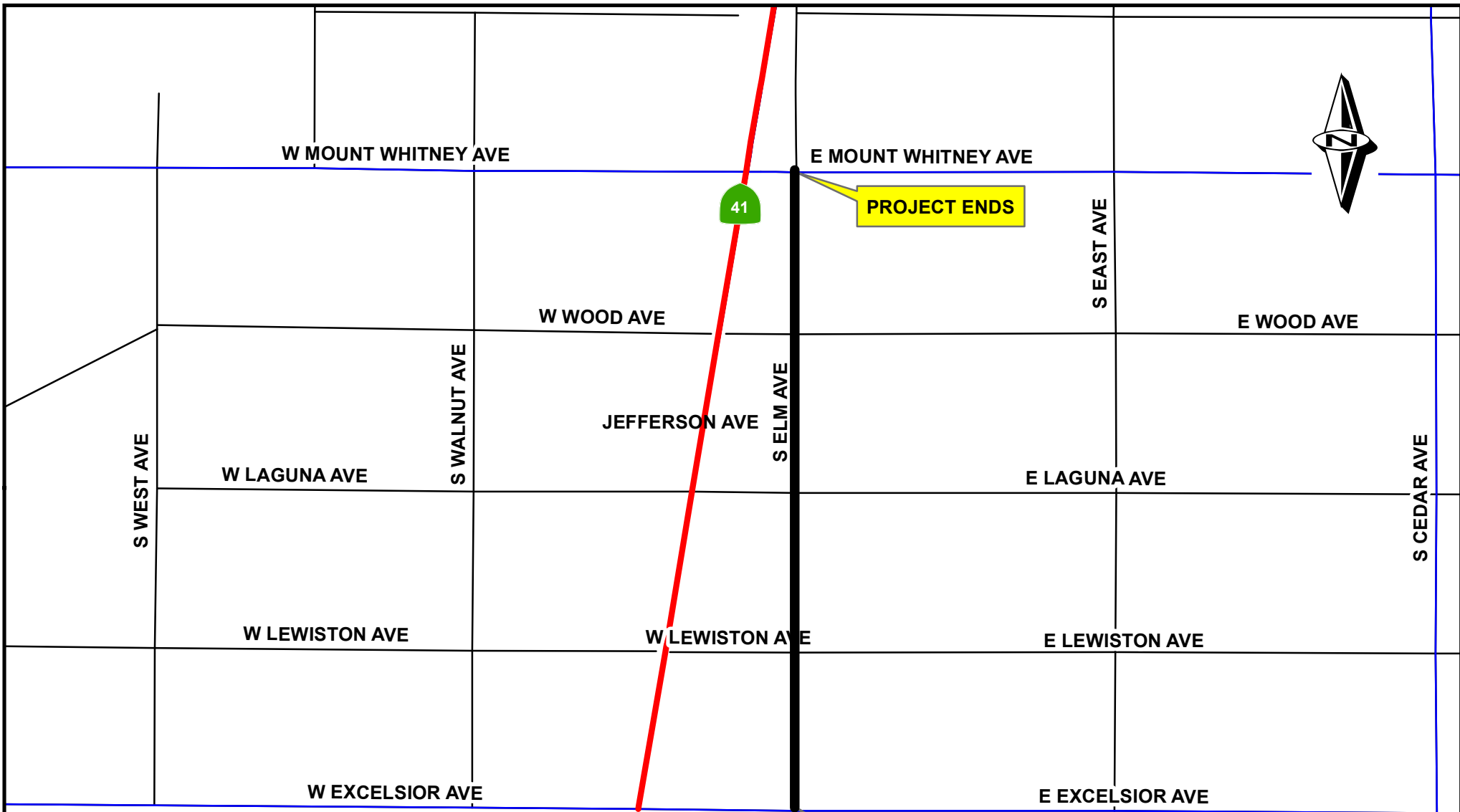
NOTES:
TREATMENT SHALL COVER EDGE OF PAVEMENT TO EDGE OF PAVEMENT

		DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DESIGNED:	K.X.	07/24/2024	CAPE SEALS LOCATION C1		
DRAWN:	K.X.	07/24/2024			



NOTES:
TREATMENT SHALL COVER EDGE OF PAVEMENT TO EDGE OF PAVEMENT

		DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DESIGNED:	K.X.	07/24/2024	CAPE SEALS LOCATION C2		
DRAWN:	K.X.	07/24/2024			

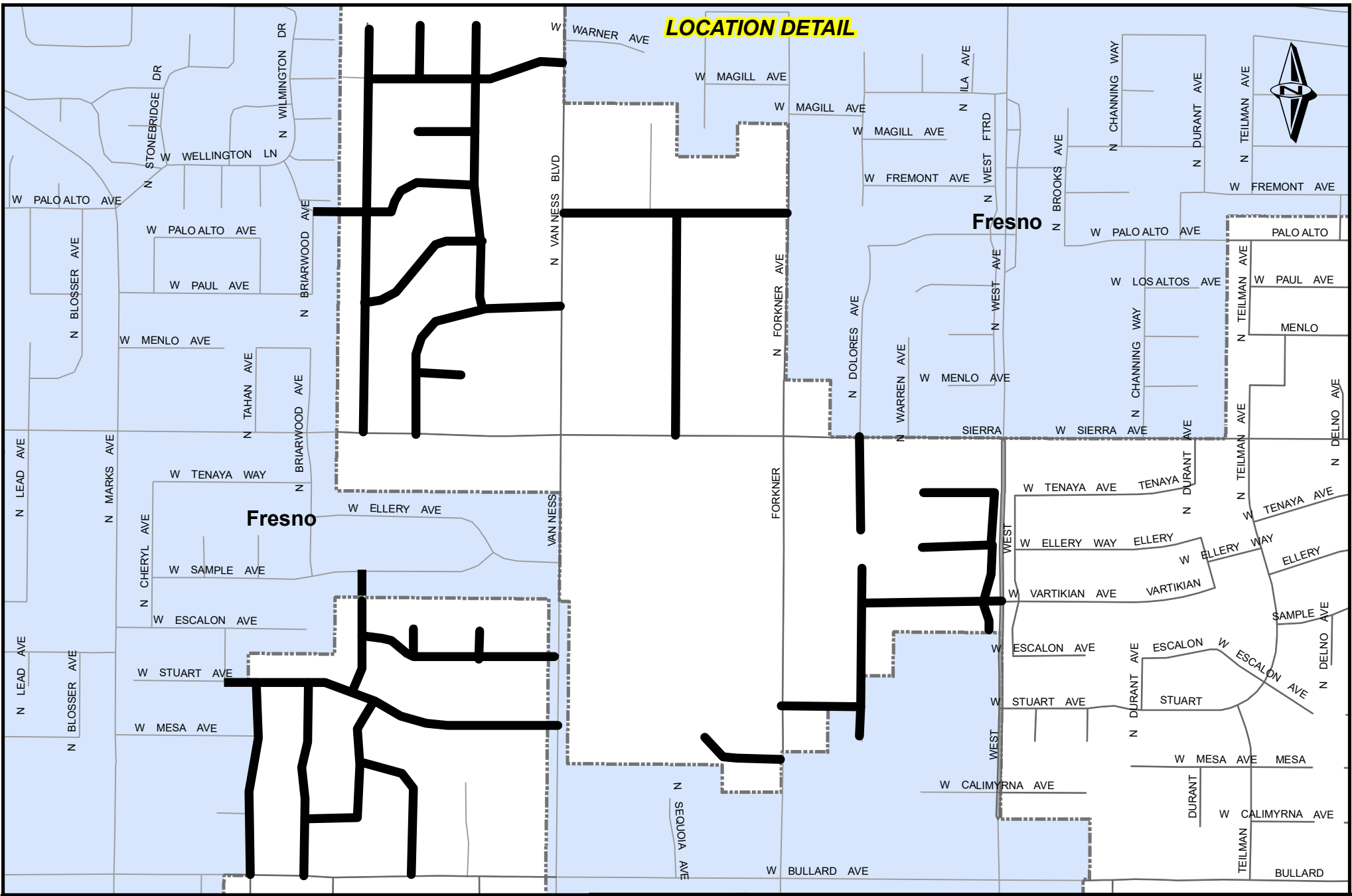


PROJECT ENDS

PROJECT STARTS

NOTES:
TREATMENT SHALL COVER EDGE OF PAVEMENT TO EDGE OF PAVEMENT

		DATE:			DEPARTMENT OF PUBLIC WORKS & PLANNING ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DESIGNED:	K.X.	07/24/2024	TYPE OF TREATMENT CAPE SEALS LOCATION C3		
DRAWN:	K.X.	07/24/2024			



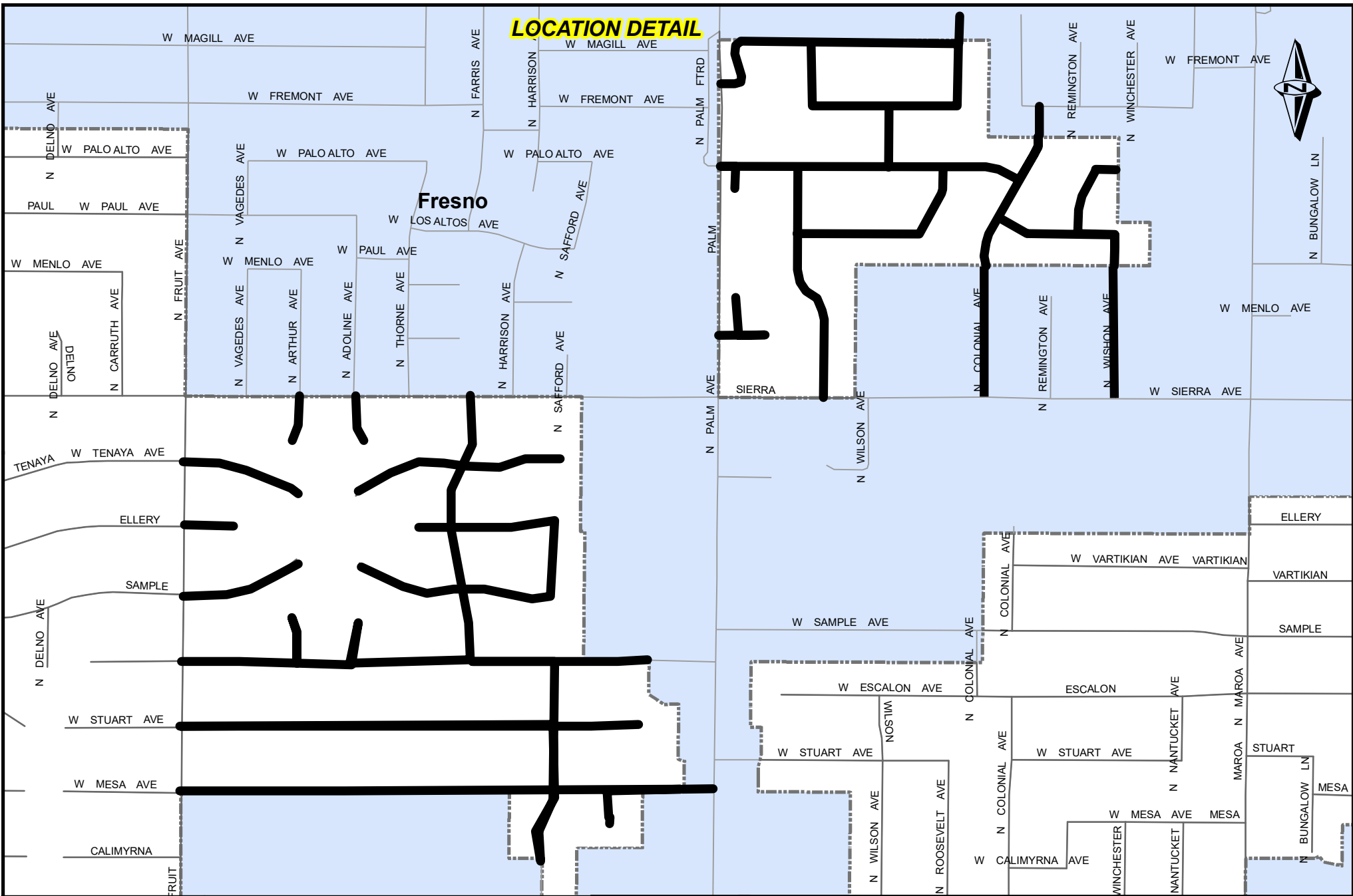
	DATE:
DESIGNED: K.X.	07/24/2024
DRAWN: K.X.	07/24/2024

TYPE OF TREATMENT
SLURRY SEALS LOCATION S1 BULLARD & FRUIT DRAWING 1 OF 4



DEPARTMENT OF PUBLIC WORKS & PLANNING

**ROAD PRESERVATION TREATMENTS
PROJECT NUMBER 24-06-M**



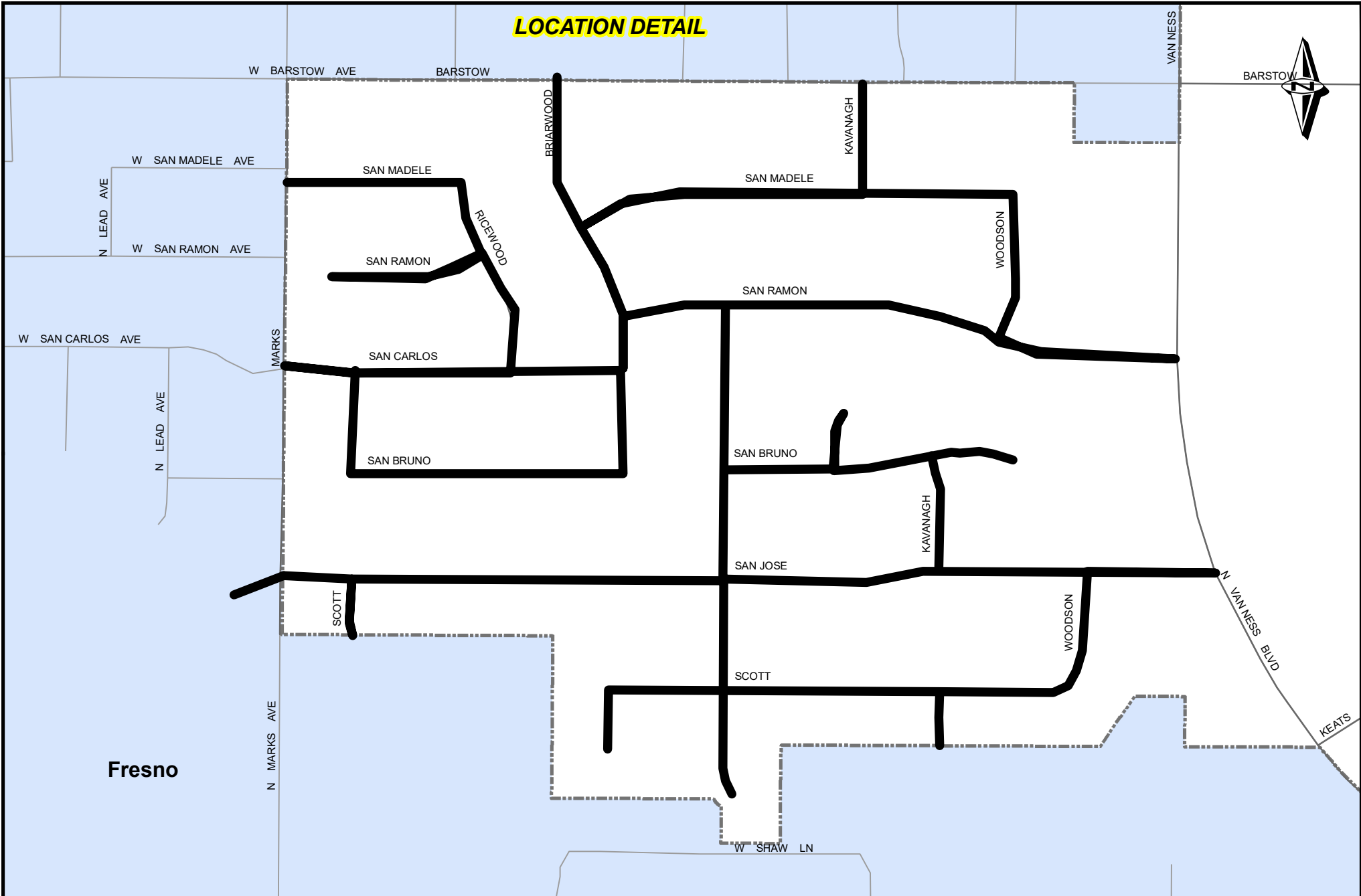
	DATE:
DESIGNED: K.X.	07/24/2024
DRAWN: K.X.	07/24/2024

TYPE OF TREATMENT
 SLURRY SEALS
 LOCATION S1
 BULLARD & FRUIT AREA
 DRAWING 2 OF 4

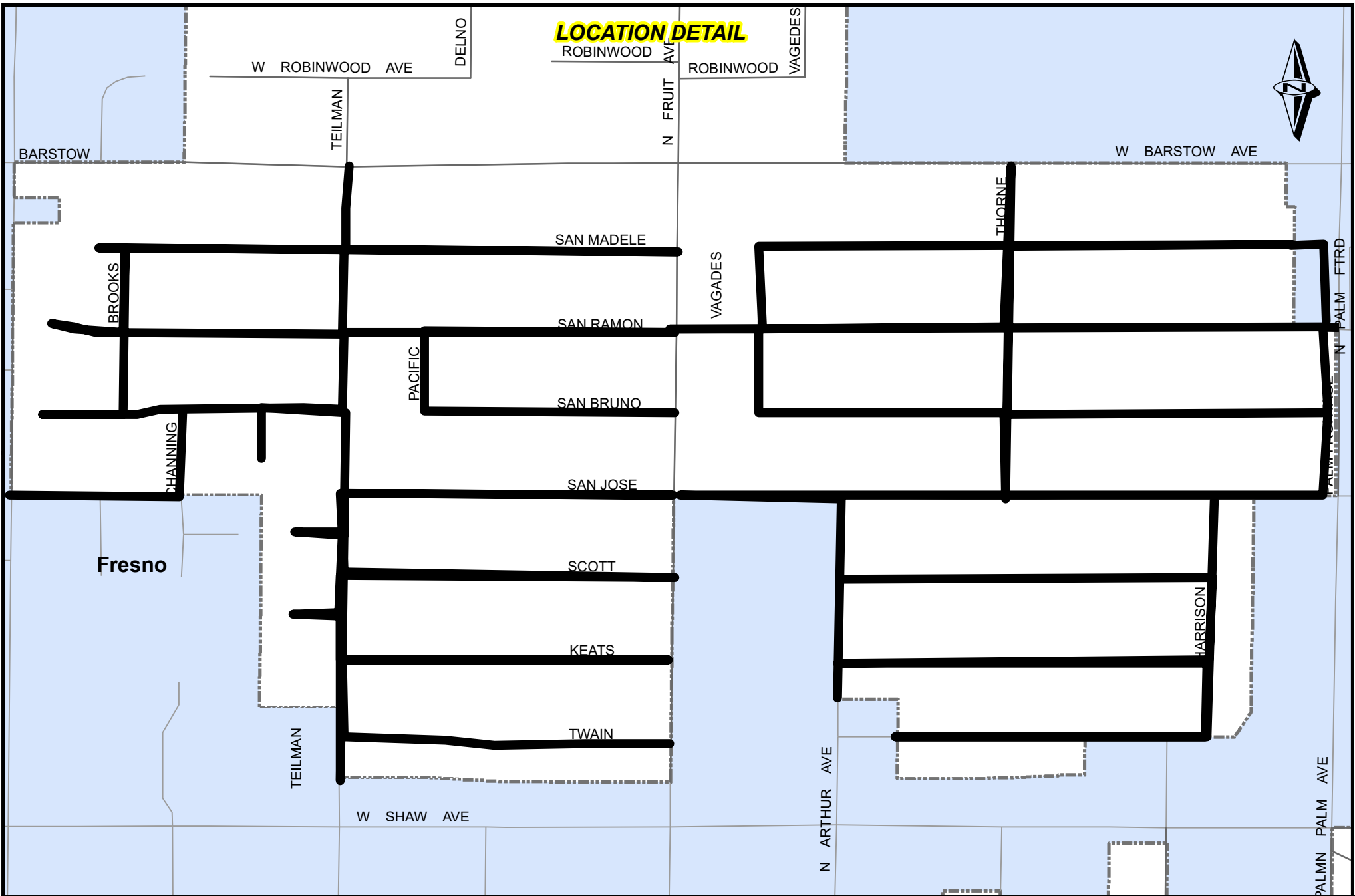


DEPARTMENT OF PUBLIC WORKS & PLANNING
ROAD PRESERVATION TREATMENTS
PROJECT NUMBER 24-06-M

LOCATION DETAIL



	DATE:	TYPE OF TREATMENT		<i>DEPARTMENT OF PUBLIC WORKS & PLANNING</i>
DESIGNED: K.X.	07/24/2024	SLURRY SEALS LOCATION S1 BULLARD & FRUIT AREA DRAWING 3 OF 4		<p align="center">ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M</p>
DRAWN: K.X.	07/24/2024			



		DATE:		TYPE OF TREATMENT		 DEPARTMENT OF PUBLIC WORKS & PLANNING	
DESIGNED: K.X.		07/24/2024		SLURRY SEALS LOCATION S1 BULLARD & FRUIT AREA DRAWING 4 OF 4		ROAD PRESEVERATION TREATMENTS PROJECT NUMBER 24-06-M	
DRAWN: K.X.		07/24/2024					

LOCATION DETAIL

Clovis



Fresno

Fresno

	DATE:
DESIGNED: K.X.	07/24/2024
DRAWN: K.X.	07/24/2024

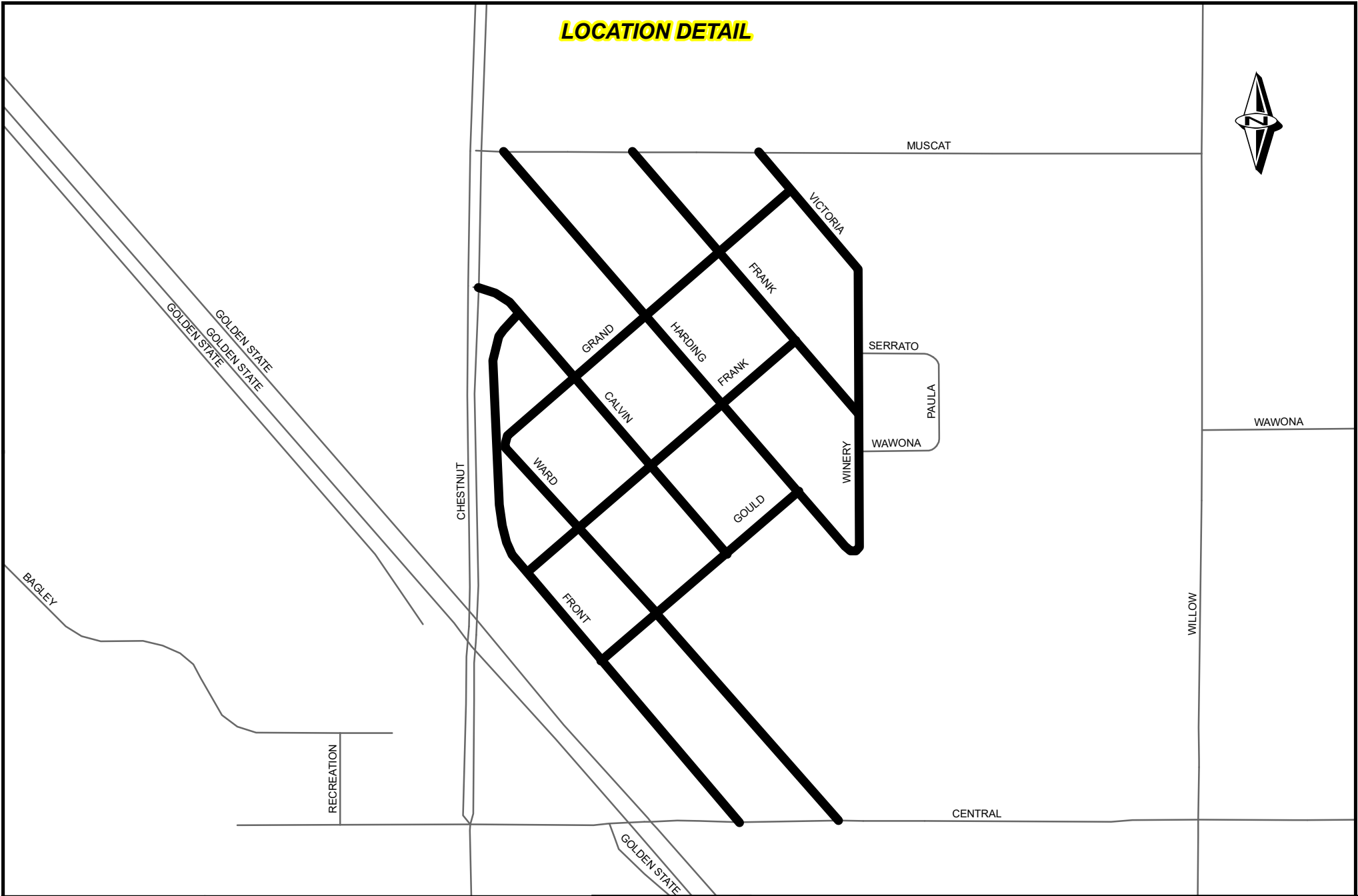
TYPE OF TREATMENT
SLURRY SEALS LOCATION S2 TARPEY VILLAGE AREA



DEPARTMENT OF PUBLIC WORKS & PLANNING

ROAD PRESERVATION TREATMENTS
PROJECT NUMBER 24-06-M

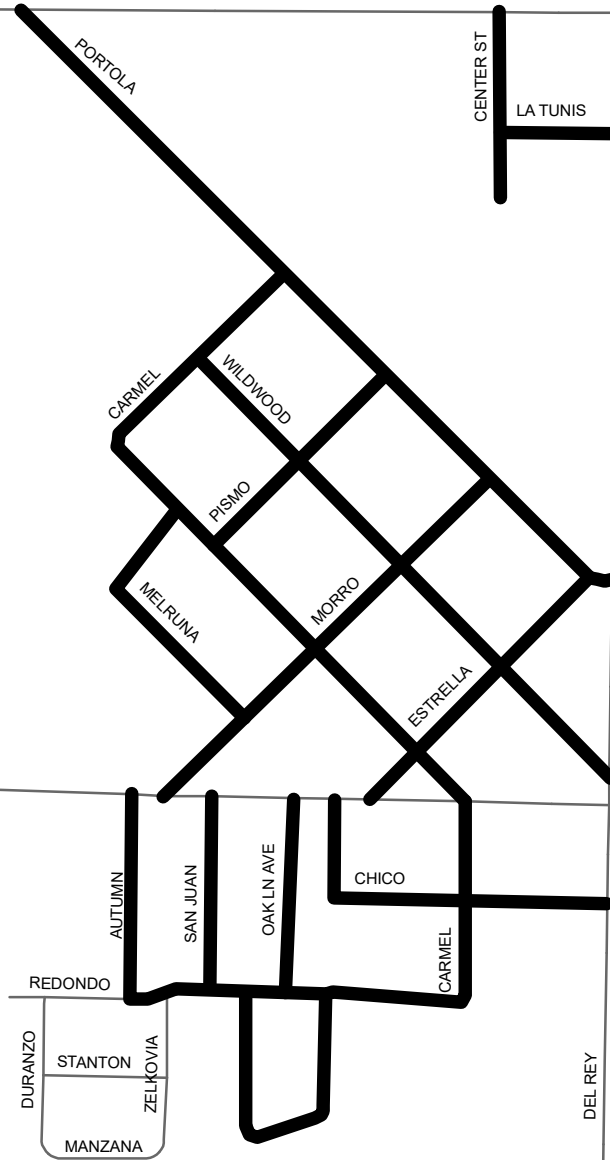
LOCATION DETAIL



	DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING
DESIGNED: K.X.	07/24/2024	SLURRY SEALS LOCATION S3A MALAGA AREA		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X.	07/24/2024			

LOCATION DETAIL

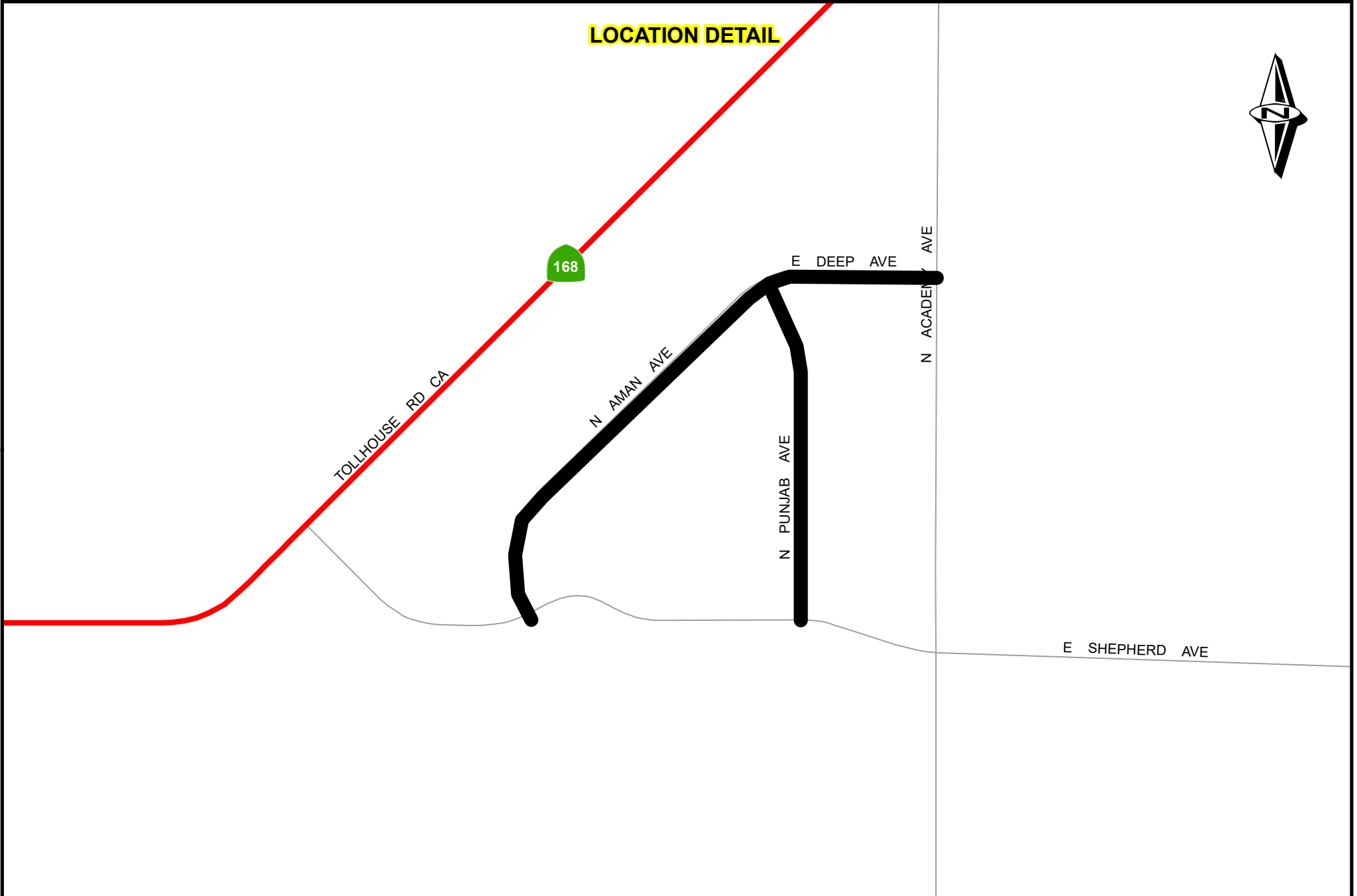
AMERICAN



JEFFERSON

	DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING
DESIGNED: K.X.	07/24/2024	SLURRY SEALS LOCATION S4A DEL REY AREA		ROAD PRESERVATION TREATMENTS PROJECT NUMBER 24-06-M
DRAWN: K.X.	07/24/2024			

LOCATION DETAIL



	DATE:	TYPE OF TREATMENT		DEPARTMENT OF PUBLIC WORKS & PLANNING
DESIGNED: K.X	07/24/2024	SLURRY SEALS LOCATION S5A CSA 35M		ROAD PRESERVATION TREATMENTS PROJECT 24-06-M
DRAWN: K.X	07/24/2024	N. PUNJAB AMAN DEEP		

COUNTY OF FRESNO
DEPARTMENT OF PUBLIC WORKS AND PLANNING
PROJECT: 24-25 ROAD PERSEVERATION TREATMENT
CONTRACT NO. 24-06-M

CHIP SEAL TREATMENT				BASE BID ITEMS																
NO.	LOCATION	LIMITS		LENGTH (mi)	TRAVEL LANE (CHIP SEAL) WIDTH (ft)	EFF. SHOULDER LENGTH (MI)	EFF. SHOULDER WIDTH (FT)	CHIPSEAL AREA			SHOULDER (SY)	PMCRS-2h EMULSION (tons)	MEDIUM CHIPS (tons)	FLUSH COAT EMULSION (tons)			SAND (tons)			
								TRAVEL LANE (SY)	TURNOUT/LANE/MEDIAN AREA (SY)	INTERSECTING ROADWAY AND RADIUS (SY)				CHIPSEALED AREA	SHOULDER/BIKE LANE	TOTAL	CHIPSEALED AREA	SHOULDER/BIKE LANE	TOTAL	
1	MANNING	1.379 W/O LASSEN ALIGN	PLACER	3.12	24	3.12	8	43,944		1010	14,644	63.0	591.0	12.0	4.0	16.0	142.0	47.0	189.0	
2	MANNING	CRAWFORD	HILL	2.00	24	2.00	16	28,189		799	18,793	41.0	381.0	8.0	5.0	13.0	92.0	60.0	152.0	
3	ACADEMY	0.499 S/O MANNING	MOUNTAIN VIEW	3.51	24	3.51	8	49,365	421	2509	16,455	74.0	687.0	14.0	5.0	19.0	165.0	52.0	217.0	
4	ADAMS	HIGHLAND	MC CALL	0.97	24	0.00	0	13,714			0	20.0	180.0	4.0	0.0	4.0	44.0	0.0	44.0	
5	NEES	RUSSELL	OXFORD	3.04	24	3.04	8	42,776	150		14,259	61.0	564.0	12.0	4.0	16.0	136.0	45.0	181.0	
6	NEES	FAIRFAX	MILLUX ALIGN	3.00	24	3.00	8	42,297			14,080	60.0	556.0	12.0	4.0	16.0	134.0	45.0	179.0	
7	EL DORADO	PHELPS	JAYNE	2.46	24	2.46	0	34,680			0	49.0	456.0	10.0	0.0	10.0	110.0	0.0	110.0	
8	SHAW	0.251 W/O GRANTLAND	SR 145	7.73	24	7.73	8	108,881			36,280	153.0	1,430.0	29.0	10.0	39.0	343.0	115.0	458.0	
TOTAL CHIP SEAL				25.841				363,846	571	4,318	114,511	521	4,845	101	32	133	1,166	364	1,530	

CAPE SEAL TREATMENT													
NO.	LOCATION	LIMITS		LENGTH (mi)	TRAVEL LANE (CHIP SEAL) WIDTH (ft)	EFF. SHOULDER LENGTH (MI)	EFF. SHOULDER WIDTH (FT)	CHIPSEAL AREA			PMCRS-2h EMULSION (tons)	MEDIUM CHIPS (tons)	POLYMER MODIFIED ASPHALTIC EMULSION (TON)
								TRAVEL LANE (SY)	TURNOUT/LANE/MEDIAN AREA (SY)	INTERSECTING ROADWAY AND RADIUS (SY)			
1A	ELM	NORTH	CLAYTON	3.50	32	0.00		70,670	4,925		106.0	993.0	564
2A	ELM	CLAYTON	SOUTH	1.50	32	0.00		28,160			40.0	370.0	225
3A	ELM	MT. WHITNEY	EXCELSIOR	2.00	24	0.00		28,160			40.0	370.0	225
CAPE SEAL TOTAL				7.00							186	1,733	1,014

ADDITIVE CHIP SEAL TREATMENT				ADDITIVE BID ITEMS																
NO.	LOCATION	LIMITS		LENGTH (mi)	TRAVEL LANE (CHIP SEAL) WIDTH (ft)	EFF. SHOULDER LENGTH (MI)	EFF. SHOULDER WIDTH (FT)	CHIPSEAL AREA			SHOULDER (SY)	PMCRS-2h EMULSION (tons)	MEDIUM CHIPS (tons)	FLUSH COAT EMULSION (tons)			SAND (tons)			
								TRAVEL LANE (SY)	TURNOUT/LANE/MEDIAN AREA (SY)	INTERSECTING ROADWAY AND RADIUS (SY)				CHIPSEALED AREA	SHOULDER/BIKE LANE	TOTAL	CHIPSEALED AREA	SHOULDER/BIKE LANE	TOTAL	
9A	EL DORADO	0.3 S/O CAL. AQUEDUCT	2.260 S/O CALIFORNIA AQUEDUCT	1.96	24	2.26	0	27,597			0	39.0	363.0	8.0	0.0	8.0	87.0	0.0	87.0	
10A	EL DORADO	SR198	2.000 S/O SR198	2.00	24	2.00	8	28,160			9,387	40.0	370.0	8.0	3.0	11.0	89.0	30.0	119.0	
11A	EL DORADO	SR145	1.100 S/O SR145	1.10	24	1.10	16	15,488			10,326	22.0	204.0	5.0	3.0	8.0	49.0	33.0	82.0	
TOTAL CHIP SEAL				5.060		5.360	24	71,245			19,713	101	937	21	6	27	225	63	288	

INTERSECTING ROADS AREA TO BE CHIPSEALED :

ACADEMY AVENUE		0.499 S/O MANNING TO MOUNTAIN VIEW							
INTERSECTING ROAD	LOCATION	WIDTH (ft.) EP TO EP	LENGTH (ft)	AREA (sqft)	CORNER RADIUS (sqft)	TOTAL AREA (sqft)	TOTAL AREA (sqyd)	TOTAL (sqyd)	
DINUBA AVE		32.4	90	2916	1000	3916	870		
		32.4	90	2916	1000	3916			
HUNTSMAN		28	110	3080	1000	4080	975		
		33.6	110	3696	1000	4696			
ROSE		Included in previous Chip Seal project							
NEBRASKA		34.6	60	2076	1000	3076	664		
		31.6	60	1896	1000	2896			
MANNING AVENUE		CRAWFORD TO HILL AVE							
HILL		14.4	119	1714	1000	2714	616		
		15.4	119	1833	1000	2833			
MANNING E/O HILL		21.6	76	1642		1642	182		
MANNING AVENUE		1.379 W/O LASSEN TO PLACER							
YUBA		20.2	92.4	1866	1000	2866	556		
		32.6	34.8	1134	1000	2134			
PLACER		29.6	44.4	1314	1000	2314	455		
		32.4	24	778	1000	1778			
							TOTAL AREA	4318	

COUNTY OF FRESNO
DEPARTMENT OF PUBLIC WORKS AND PLANNING
PROJECT: 24-25 ROAD PERSEVERATION TREATMENT
CONTRACT NO: 24-06-M

CHIP SEAL CANDIDATES							TRAFFIC STRIPING												
NO.	LOCATION	LIMITS		LENGTH		WIDTH	CENTERLINE			LANELINES	NO PASSING ZONE				EDGELINES		MEDIAN		
							1	5	6		12	18	19	21	22	25	27B	28	29
							(LF)												
		mi	ft.	ft.															
1	MANNING	1.379 W/O LASSEN ALIGN	PLACER	3.12	16,474	24			13,150			720		72			27,880		
2	MANNING	CRAWFORD	HILL	2.00	10,571	24			8,136			2,304		120			21,120		
3	ACADEMY	0.499 S/O MANNING	MOUNTAIN VIEW	3.51	18,512	24		15,675			2,445			715					
4	ADAMS	HIGHLAND	MC CALL	0.97	5,143	24		1,238										3,497	
5	NEES	RUSSELL	OXFORD	3.04	16,041	24		15,151				900							
6	NEES	FAIRFAX	MILLUX ALIGN	3.00	15,861	24			15,840			900							
7	EL DORADO	PHELPS	JAYNE	2.46	13,005	24		10,585			1,200		1,220						
8	SHAW	0.251 W/O GRANTLAND	SR 145	7.73	40,830	24		29,697			6,250		4,793					90	
BID ITEM TOTALS:				25.840				60,523	37,126		8,695	4,824	4,793	907		49,000	90		
**PAINT STRIPE TOTAL								11823			1200		1220				3497		

^(P) WATERBORNE PAINT

LOCATION 3 34470 EDGE LINE WILL NEED TO BE REMOVED AND REPLACE WITH PAINT

- NOTES: 1. ALL TRAFFIC STRIPES TO BE SPRAYABLE THERMOPLASTIC EXCEPT WHERE NOTED WITH ^(P)
2. PAVEMENT MARKINGS TO BE THERMOPLASTIC.
3. ABBREVIATION: RPM - RAISED PAVEMENT MARKER

THERMOPLASTIC STRIPE TOTAL = 167023 PAINT STRIPE TOTAL = 54,294

CAPE SEAL CANDIDATES							TRAFFIC STRIPING											
NO.	LOCATION	LIMITS		LENGTH		WIDTH	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL	DETAIL
							1	5	6	12	18	19	21	22	25	27B	28	29
							(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)
C1	ELM	NORTH	CLAYTON	3.50	18491	32		9,750			1,820	280	1,711	4,930				
C2	ELM	CLAYTON	SOUTH	1.50	7920	32		820			785			5,845				
C3	ELM	MT. WHITNEY	EXCELSIOR	2.00	10560	24		8,210			2,350							
BID ITEM TOTALS:				7.00				18,780			4,955	280	1,711	10,775				

ADDITIVE CHIP SEAL CANDIDATES							TRAFFIC STRIPING												
NO.	LOCATION	LIMITS		LENGTH		WIDTH	CENTERLINE			LANELINES	NO PASSING ZONE				EDGELINES		MEDIAN		
							1	5	6		12	18	19	21	22	25	27B	28	29
							(LF)												
		mi	ft.	ft.															
9A	EL DORADO	0.3 S/O CAL. AQUEDUCT	2.260 S/O CALIFORNIA AQUEDUCT	1.96	10349	24		10,803			300		450					380	
10A	EL DORADO	SR198	2.000 S/O SR198	2.00	10560	24		9,980			300		280						
11A	EL DORADO	SR145	1.100 S/O SR145	1.10	5808	24		5,430			375								
BID ITEMS TOTALS				5.06				26213			975		730					380	

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
BULLARD & FRUIT AREA									
3665.00	HARRISON	FRESNO C.L.	MESA	0.057	32.4	8.65	0		
4930.00	MAGILL	ROOSEVELT	FERGER	0.137	36.1	23.16	2		
4931.00	MAGILL	FERGER	PALM FRONTAGE	0.072	36.4	12.27	1		
5444.00	MESA	FRESNO C.L.	MESA COURT	0.090	36.9	15.55	1	12	
5451.00	MESA	DOLORES	FORKNER	0.090	36.7	15.47	1	12	
934.00	BRIARWOOD	BULLARD	STUART	0.220	36.5	37.61	2	12	
2845.00	ESCALON	0.100 E/O HARRISON (C.L.)	HARRISON	0.100	36.4	17.05	1	12	
2540.00	DOLORES	MESA	VARTIKIAN	0.117	36.4	19.94	1		
7736.00	TEILMAN	TWAIN	KEATS	0.061	26.9	7.68	2		
7735.00	TEILMAN	FRESNO C.L.	TWAIN	0.030	34.5	4.85	2	12	
6930.00	SAN JOSE	CHANNING	WEST	0.127	34.4	20.46	2	12	
8031.00	TWAIN	HARRISON	FRESNO C.L.	0.220	36.0	37.09	2		
6974.00	SAN RAMON	PALM	THORNE	0.238	32.0	35.67	2	12	
6928.00	SAN JOSE	ARTHUR	FRUIT	0.125	32.4	18.97	2		
6925.00	SAN JOSE	PALM	HARRISON	0.085	32.8	13.06	1	12	
384.00	ARTHUR	SCOTT	SAN JOSE	0.062	36.4	10.57	1		
383.00	ARTHUR	KEATS	SCOTT	0.062	36.8	10.68	1		
382.00	ARTHUR	0.040 S/O KEATS (C.L.)	KEATS	0.040	36.8	6.89	1		
4536.00	LAFAYETTE	SIERRA	LAFAYETTE	0.067	32.5	10.20	1		
4537.00	LAFAYETTE	LAFAYETTE	MENLO	0.041	32.5	6.24	1		
4538.00	LAFAYETTE	MAGILL	END MAINT RD (CUL-DE-SAC)	0.063	36.2	10.68	1		
4539.00	LAFAYETTE	END MAINT RD	LAFAYETTE	0.050	32.5	7.61			
4933.00	MAGILL	VAN NESS	WOODSON	0.102	36.2	17.29	1	12	
4934.00	MAGILL	WOODSON	LAFAYETTE	0.065	36.2	11.02	1		
4935.00	MAGILL	LAFAYETTE	PLEASANT	0.059	36.2	10.00	2		
5413.00	MENLO	VAN NESS	WOODSON	0.090	32.5	13.70		12	
5414.00	MENLO	WOODSON	LAFAYETTE	0.078	32.5	11.87	1		
6198.00	PALO ALTO	FORKNER	VAN NESS	0.252	26.6	31.39		24	
6199.00	PALO ALTO	WOODSON	PLEASANT	0.137	32.3	20.72	1		
6200.00	PALO ALTO	PLEASANT	FRESNO C.L.	0.020	32.3	3.03	1		
6291.00	PAUL	WOODSON	PLEASANT	0.158	32.3	23.90	1		
6437.00	PLEASANT	SIERRA	PAUL	0.148	32.0	22.18	1	12	
6438.00	PLEASANT	PAUL	PALO ALTO	0.103	32.0	15.44	1		
6439.00	PLEASANT	PALO ALTO	MAGILL	0.150	32.4	22.76	1		
6440.00	PLEASANT	MAGILL	END MAINT RD	0.063	32.4	9.56	2		
7073.00	SEQUOIA DR	SIERRA	PALO ALTO	0.250	24.0	28.10	3	12	
8578.00	WOODSON	MENLO	PAUL	0.076	32.5	11.57			
8579.00	WOODSON	PAUL	PALO ALTO	0.065	32.5	9.89	1		
8580.00	WOODSON	PALO ALTO	WOODSON CUL-DE-SAC	0.059	32.5	8.98			
8581.00	WOODSON	WOODSON CUL-DE-SAC	MAGILL	0.060	32.5	9.13	1		
8582.00	WOODSON	MAGILL	END MAINT RD (CUL-DE-SAC)	0.063	32.5	9.59			
8585.00	WOODSON CUL-DE-SAC	WOODSON	END MAINT RD	0.064	32.6	9.77	1		
3661.00	HARRISON	TWAIN	KEATS	0.057	34.9	9.32	1		
3662.00	HARRISON	KEATS	SCOTT	0.062	34.9	10.13	1		
3663.00	HARRISON	SCOTT	SAN JOSE	0.062	34.9	10.13	1		
4457.00	KEATS	HARRISON	ARTHUR	0.270	34.0	42.99			
6155.25	PALM FRONTAGE (San Madele Ave?)	SAN JOSE	SAN BRUNO	0.062	24.0	6.97	1		
6155.50	PALM FRONTAGE	SAN BRUNO	SAN RAMON	0.063	24.0	7.08	1	12	
6883.00	SAN BRUNO	PALM	THORNE	0.239	32.4	36.26	2	12	
6884.00	SAN BRUNO	THORNE	VAGEDES	0.186	32.0	27.87	2	12	
6926.00	SAN JOSE	HARRISON	THORNE	0.154	32.4	23.37	2		
6927.00	SAN JOSE	THORNE	ARTHUR	0.124	32.4	18.81	1		

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
6948.00	SAN MADELE	FRESNO C.L.	THORNE	0.220	32.5	33.48	2	12	
6949.00	SAN MADELE	THORNE	VAGEDES	0.187	32.5	28.46	1	12	
6975.00	SAN RAMON	THORNE	VAGEDES	0.187	32.0	28.02	2	12	
6976.00	SAN RAMON	VAGEDES	FRUIT	0.061	32.7	9.34		12	
7061.00	SCOTT	HARRISON	ARTHUR	0.280	36.1	47.34	2		
7885.00	THORNE	SAN JOSE	SAN BRUNO	0.063	32.4	9.56	2		
7886.00	THORNE	SAN BRUNO	SAN RAMON	0.062	32.4	9.41	1		
7887.00	THORNE	SAN RAMON	SAN MADELE	0.062	32.4	9.41	1		
7888.00	THORNE	SAN MADELE	BARSTOW	0.063	32.4	9.56	1	12	
8048.00	VAGEDES	SAN BRUNO	SAN RAMON	0.063	34.0	10.03	1	12	
8049.00	VAGEDES	SAN RAMON	SAN MADELE	0.061	34.0	9.71	1	12	
936.00	BROOKS	SAN BRUNO	SAN RAMON	0.063	32.4	9.56	2		
937.00	BROOKS	SAN RAMON	SAN MADELE	0.061	32.4	9.26	1		
1458.00	CHANNING	SAN JOSE	SAN BRUNO	0.063	31.9	9.41			
4458.00	KEATS	FRUIT	TEILMAN	0.249	32.0	37.31	3	24	
6153.00	PACIFIC	SAN BRUNO	SAN RAMON	0.061	32.5	9.28	1		
6885.00	SAN BRUNO	FRUIT	PACIFIC	0.186	32.0	27.87		12	
6886.00	SAN BRUNO	TEILMAN	SAN BRUNO	0.061	32.9	9.40	1		
6887.00	SAN BRUNO	SAN BRUNO	CHANNING	0.060	32.9	9.24	1		
6888.00	SAN BRUNO	CHANNING	BROOKS	0.043	32.9	6.63			
6889.00	SAN BRUNO	BROOKS	END MAINT RD	0.062	32.9	9.55			
6894.00	SAN BRUNO	END MAINT RD	SAN BRUNO	0.035	32.9	5.39			
6929.00	SAN JOSE	FRUIT	TEILMAN	0.248	32.5	37.75	3	12	
6950.00	SAN MADELE	FRUIT	TEILMAN	0.250	32.5	38.05	2	24	
6951.00	SAN MADELE	TEILMAN	BROOKS	0.165	32.5	25.11	2	12	
6952.00	SAN MADELE	BROOKS	END MAINT RD	0.020	32.5	3.04			
6977.00	SAN RAMON	FRUIT	PACIFIC	0.187	32.1	28.11	2	12	
6978.00	SAN RAMON	PACIFIC	TEILMAN	0.062	32.6	9.47	1	12	
6979.00	SAN RAMON	TEILMAN	BROOKS	0.164	32.4	24.88	1	12	
6980.00	SAN RAMON	BROOKS	END MAINT RD	0.062	32.8	9.52	1		
7062.00	SCOTT	FRUIT	TEILMAN	0.249	32.9	38.36	3	24	
7737.00	TEILMAN	KEATS	TEILMAN	0.030	32.7	4.59	1		
7738.00	TEILMAN	TEILMAN	SCOTT	0.030	32.7	4.59	1		
7739.00	TEILMAN	SCOTT	TEILMAN	0.030	32.7	4.59	1		
7740.00	TEILMAN	TEILMAN	SAN JOSE	0.030	32.7	4.59	1		
7741.00	TEILMAN	SAN JOSE	SAN BRUNO	0.063	32.7	9.65	1		
7742.00	TEILMAN	SAN BRUNO	SAN RAMON	0.060	32.7	9.19	1		
7743.00	TEILMAN	SAN RAMON	SAN MADELE	0.061	32.7	9.34	1		
7744.00	TEILMAN	SAN MADELE	BARSTOW	0.065	32.7	9.95		12	
7759.00	TEILMAN (CUL-DE-SAC)	TEILMAN	END MAINT RD	0.034	32.5	5.17			
7760.00	TEILMAN (CUL-DE-SAC)	TEILMAN	END MAINT RD	0.034	32.5	5.17			
8032.00	TWAIN	FRUIT	TEILMAN	0.248	32.6	37.86	3	12	
2541.00	DOLORES	VARTKIAN	END MAINT RD	0.042	36.4	7.16	1	12	
2542.00	DOLORES	END MAINT RD	SIERRA	0.108	56.1	28.37	1		
2770.00	ELLERY	FARRIS	THORNE	0.096	32.5	14.61	1		
2770.50	ELLERY	THORNE	END MAINT RD	0.029	32.5	4.41			
2771.00	ELLERY	END MAINT RD	FRUIT	0.044	32.5	6.70	1	12	
2775.00	ELLERY	WEST	END MAINT RD	0.077	32.5	11.72	1		
2846.00	ESCALON	HARRISON	THORNE	0.077	36.5	13.16	1	12	22
2847.00	ESCALON	THORNE	ESCALON CUL-DE-SAC	0.110	29.9	15.40	1	12	22
2848.00	ESCALON	ESCALON CUL-DE-SAC	ESCALON CUL-DE-SAC	0.049	29.5	6.77	1		
2849.00	ESCALON	ESCALON CUL-DE-SAC	FRUIT	0.109	29.5	15.06	1	12	
2857.00	ESCALON (CUL-DE-SAC)	ESCALON	END MAINT RD	0.038	32.5	5.78			
2858.00	ESCALON (CUL-DE-SAC)	ESCALON	END MAINT RD	0.038	32.4	5.77			
2959.00	FARRIS	SAMPLE	ELLERY	0.072	33.6	11.33	1		
3666.00	HARRISON	MESA	STUART	0.061	32.6	9.31	1		
3667.00	HARRISON	STUART	ESCALON	0.061	33.0	9.43	1		

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
5445.00	MESA	MESA COURT	HARRISON	0.055	35.8	9.22	1		
5451.50	MESA	FORKNER	END OF MAINT	0.098	32.0	14.69		12	
5452.00	MESA COURT	END MAINT RD	MESA	0.030	36.7	5.16			
6868.00	SAMPLE	FARRIS	THORNE	0.087	33.0	13.45	1		
6869.00	SAMPLE	THORNE	END MAINT RD	0.103	32.5	15.68	2		
6870.00	SAMPLE	END MAINT RD	FRUIT	0.113	32.5	17.20	2	12	
7311.00	SIERRA CUL-DE-SAC	END MAINT RD	SIERRA	0.039	32.9	6.01		12	
7312.00	SIERRA CUL-DE-SAC	END MAINT RD	SIERRA	0.042	33.0	6.49		12	
7553.00	STUART	END MAINT RD	HARRISON	0.083	32.9	12.79	2		
7554.00	STUART	HARRISON	FRUIT	0.346	32.1	52.01	3		
7815.00	TENAYA	END MAINT RD	THORNE	0.094	32.2	14.17	1		
7816.00	TENAYA	THORNE	END MAINT RD	0.108	32.2	16.29	1		
7817.00	TENAYA	END MAINT RD	FRUIT	0.112	32.0	16.78	1	12	
7890.00	THORNE	ESCALON	SAMPLE	0.067	36.5	11.45		12	
7891.00	THORNE	SAMPLE	ELLERY	0.060	36.5	10.26			
7892.00	THORNE	ELLERY	TENAYA	0.061	36.5	10.43			
7893.00	THORNE	TENAYA	SIERRA	0.065	36.5	11.11		12	
8157.00	VARTIKIAN	WEST	DOLORES	0.158	36.4	26.93	1	12	
8383.00	WEST (W FRONTAGE)	0.040 S/O VARTIKIAN (C.L.)	VARTIKIAN	0.040	28.5	5.34		12	
8384.00	WEST (W FRONTAGE)	VARTIKIAN	ELLERY	0.063	30.1	8.88		12	
1245.00	CALIMYRNA	LAFAYETTE	PLEASANT	0.061	36.0	10.28			
2854.00	ESCALON	VAN NESS	WOODSON	0.090	36.3	15.30	1		
2855.00	ESCALON	WOODSON	KAVANAGH	0.071	36.3	12.07			
2856.00	ESCALON	KAVANAGH	LAFAYETTE	0.064	36.3	10.88			
4407.00	KAVANAGH	BULLARD	LAFAYETTE	0.173	36.5	29.57	1	12	
4408.00	KAVANAGH	ESCALON	END MAINT RD	0.033	32.4	5.01			
4532.00	LAFAYETTE	CALIMYRNA	KAVANAGH	0.061	36.8	10.51	1		
4533.00	LAFAYETTE	KAVANAGH	STUART	0.074	36.8	12.75	1		
4534.00	LAFAYETTE	STUART	ESCALON	0.064	36.5	10.94	1		
4535.00	LAFAYETTE	ESCALON	FRESNO C.L.	0.040	36.5	6.84	2		
6435.00	PLEASANT	BULLARD	CALIMYRNA	0.066	35.7	11.03		12	
6436.00	PLEASANT	CALIMYRNA	STUART	0.153	36.2	25.94			
7560.00	STUART	VAN NESS	LAFAYETTE	0.215	36.8	37.05	2		
7561.00	STUART	LAFAYETTE	PLEASANT	0.076	36.2	12.88	1		
7562.00	STUART	PLEASANT	BRIARWOOD	0.059	36.2	10.00	1		
8577.00	WOODSON	ESCALON	END MAINT RD	0.032	36.7	5.50	1		
1921.00	COLONIAL	0.070 S/O PAUL (C.L.)	PAUL	0.070	36.3	11.90	1		
1922.00	COLONIAL	PAUL	PALO ALTO	0.039	36.3	6.63			
1923.00	COLONIAL	PALO ALTO	0.070 N/O PALO ALTO (C.L.)	0.070	36.1	11.83	1		
2972.00	FERGER	SIERRA	PAUL	0.163	36.4	27.79	2		
2973.00	FERGER	PAUL	PALO ALTO	0.063	36.5	10.77			
2974.00	FERGER	FREMONT	MAGILL	0.059	31.2	8.62			
3216.00	FREMONT	ROOSEVELT	WILSON	0.064	32.3	9.68	1		
3217.00	FREMONT	WILSON	FERGER	0.071	32.4	10.77	1		
6156.00	PALM FRONTAGE (E)	PALM	END MAINT RD	0.036	32.1	5.41		12	
6157.00	PALM FRONTAGE	END MAINT RD	PALM FRONTAGE	0.021	32.7	3.22	1		
6157.50	PALM FRONTAGE	PALM FRONTAGE	PALM	0.020	32.7	3.06	1		
6158.00	PALM FRONTAGE (E)	PALM	MAGILL	0.051	29.9	7.14	1	12	
6190.00	PALO ALTO	COLONIAL	ROOSEVELT	0.076	36.4	12.96	1		
6191.00	PALO ALTO	ROOSEVELT	WILSON	0.051	36.4	8.69	1		
6192.00	PALO ALTO	WILSON	FERGER	0.086	36.5	14.70	1		
6193.00	PALO ALTO	FERGER	PALO ALTO (CUL-DE-SAC)	0.053	36.1	8.96			
6194.00	PALO ALTO	PALO ALTO (CUL-DE-SAC)	PALM	0.015	36.1	2.54		12	
6200.50	PALO ALTO (CUL-DE-SAC)	END MAINT RD	PALO ALTO	0.023	32.5	3.50			
6287.00	PAUL	WISHON (SOUTH)	WISHON (NORTH)	0.037	36.3	6.29			
6288.00	PAUL	WISHON (NORTH)	COLONIAL	0.079	36.3	13.43	1		
6289.00	PAUL	ROOSEVELT	FERGER	0.116	32.3	17.55	1		
6754.00	ROOSEVELT	PAUL	PALO ALTO	0.068	32.2	10.25			
6755.00	ROOSEVELT	FREMONT	MAGILL	0.059	32.0	8.84			
8506.00	WILSON	PALO ALTO	FREMONT	0.058	37.5	10.19			
8552.00	WISHON	0.030 S/O PAUL (C.L.)	PAUL	0.030	36.0	5.06	1		
8553.00	WISHON	PAUL	0.080 N/O PAUL (C.L.)	0.080	36.2	13.56			
925.00	BRIARWOOD (SCOTT)	END MAINT RD	SCOTT	0.030	33.9	4.76			
926.00	BRIARWOOD	SAN BRUNO	SAN CARLOS	0.056	36.5	9.57	1		
927.00	BRIARWOOD	SAN CARLOS	SAN RAMON	0.033	36.5	5.64	1		

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
928.00	BRIARWOOD	SAN RAMON	SAN MADELE	0.056	36.5	9.57	1		
929.00	BRIARWOOD	SAN MADELE	BARSTOW	0.082	36.5	14.02	1		
1518.00	CHERYL	END MAINT RD	SAN JOSE	0.032	36.5	5.47	1		
1519.00	CHERYL	SAN BRUNO	SAN CARLOS	0.055	32.5	8.37			
4403.00	KAVANAGH	FRESNO C.L.	SCOTT	0.030	32.7	4.59	1		
4404.00	KAVANAGH	SAN JOSE	SAN BRUNO	0.065	32.4	9.86	1		
4405.00	KAVANAGH	SAN MADELE	BARSTOW	0.061	36.0	10.28	1		
6430.00	PLEASANT	END MAINT RD	SCOTT	0.057	31.5	8.41	1		
6431.00	PLEASANT	SCOTT	SAN JOSE	0.062	32.5	9.44	1		
6432.00	PLEASANT	SAN JOSE	SAN BRUNO	0.061	31.3	8.94	1		
6433.00	PLEASANT	SAN BRUNO	SAN RAMON	0.093	31.3	13.63	1		
6643.00	RICEWOOD	SAN CARLOS	SAN RAMON	0.069	32.5	10.50	1		
6644.00	RICEWOOD	SAN RAMON	SAN MADELE	0.045	32.5	6.85	1		
6890.00	SAN BRUNO	END MAINT RD	KAVANAGH	0.046	32.3	6.96			
6891.00	SAN BRUNO	KAVANAGH	SAN BRUNO CIRCLE	0.056	32.3	8.47	1		
6892.00	SAN BRUNO	SAN BRUNO CIRCLE	PLEASANT	0.062	32.3	9.38	1		
6893.00	SAN BRUNO	BRIARWOOD	CHERYL	0.151	32.0	22.63	1		
6895.00	SAN BRUNO CIRCLE	SAN BRUNO	END MAINT RD	0.032	32.9	4.93			
6898.00	SAN CARLOS	BRIARWOOD	RICEWOOD	0.061	36.3	10.37	1		
6899.00	SAN CARLOS	RICEWOOD	CHERYL	0.091	36.3	15.47	1		
6900.00	SAN CARLOS	CHERYL	MARKS	0.037	36.3	6.29	1	12	
6931.00	SAN JOSE	VAN NESS	WOODSON	0.072	31.9	10.76	1		
6932.00	SAN JOSE	WOODSON	KAVANAGH	0.082	33.0	12.67	1		
6933.00	SAN JOSE	KAVANAGH	PLEASANT	0.121	32.0	18.13	1		
6934.00	SAN JOSE	PLEASANT	CHERYL	0.209	36.6	35.82	1		
6935.00	SAN JOSE	CHERYL	MARKS	0.038	36.7	6.53	1	12	22
6955.00	SAN MADELE	WOODSON	KAVANAGH	0.087	36.5	14.87	2		
6956.00	SAN MADELE	KAVANAGH	BRIARWOOD	0.161	36.5	27.52	1		
6957.00	SAN MADELE	RICEWOOD	MARKS	0.092	32.3	13.92	2	12	
6981.00	SAN RAMON	VAN NESS	WOODSON	0.102	36.5	17.44	1		
6982.00	SAN RAMON	WOODSON	PLEASANT	0.155	36.6	26.57	3		
6983.00	SAN RAMON	PLEASANT	BRIARWOOD	0.060	36.5	10.26	1		
6984.00	SAN RAMON	RICEWOOD	END MAINT RD	0.083	32.5	12.63	1		
7063.00	SCOTT	WOODSON	KAVANAGH	0.085	32.5	12.94	1		
7064.00	SCOTT	KAVANAGH	PLEASANT	0.120	32.4	18.21	1		
7065.00	SCOTT	PLEASANT	SCOTT CUL-DE-SAC	0.065	32.4	9.86	1		
8572.00	WOODSON	SCOTT	SAN JOSE	0.053	32.9	8.17	1		
8573.00	WOODSON	SAN RAMON	SAN MADELE	0.084	36.4	14.32	2		
				18.66		2933.65	203.00	732.00	66.00

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
TARPEY VILLAGE AREA									
343.00	ARGYLE	SUSSEX	HAMPTON	0.126	32.4	19.12	1		
344.00	ARGYLE	EDDY	MANILA	0.050	32.6	7.63	1		
345.00	ARGYLE	MANILA	NORWICH	0.187	32.5	28.46	1		
387.00	ASHCROFT	MINNEWAWA	DE WITT	0.265	24.8	30.78	2	12	
388.00	ASHCROFT	DE WITT	CLOVIS	0.223	26.1	27.26	2	12	
498.00	AUSTIN	ASHLAN	MANILA	0.212	32.8	32.56	2	12	
594.00	BELL AIRE	JUDY	SABRE	0.072	32.4	10.92	1		
695.00	BERNADINE DR	JUDY	PHILLIP	0.130	32.4	19.73	1		
696.00	BERNADINE DR	PHILLIP	TARPEY DR	0.175	32.5	26.63	1		
697.00	BERNADINE DR	TARPEY DR	MANILA	0.048	32.5	7.31	1	12	22
698.00	BERNADINE DR	MANILA	SUNNYSIDE	0.123	32.4	18.66	1		
699.00	BERNADINE DR	SUNNYSIDE	0.04 E/O SUNNYSIDE (CLOVIS C.L.)	0.040	32.5	6.09	1		
1019.00	BUCKINGHAM	MINNEWAWA	ASHLAN	0.155	24.9	18.07		24	
1020.00	BUCKINGHAM	SABRE	MANILA	0.214	32.4	32.47	1		
1021.00	BUCKINGHAM	MANILA	SUNNYSIDE	0.159	32.1	23.90	1		
1786.00	CLOVIS (FRONTAGE RD)	GARLAND	RAMONA	0.066	26.5	8.19	1	12	
1787.00	CLOVIS (FRONTAGE RD)	RAMONA	DAKOTA	0.072	26.0	8.77	1		
1788.00	CLOVIS (FRONTAGE RD)	DAKOTA	EDITH DR	0.056	25.9	6.79	1		
1789.00	CLOVIS (FRONTAGE RD)	EDITH DR	LANSING	0.055	25.9	6.67	1		
1790.00	CLOVIS (FRONTAGE RD)	LANSING	SAGINAW	0.055	25.9	6.67	1		
1791.00	CLOVIS (FRONTAGE RD)	SAGINAW	PONTIAC	0.055	25.9	6.67	2		
1792.00	CLOVIS (FRONTAGE RD)	PONTIAC	GRIFFITH	0.057	25.9	6.91	1		
1793.00	CLOVIS (FRONTAGE RD)	HAMMEL WY	SWIFT	0.083	26.3	10.22	1		
1794.00	CLOVIS (FRONTAGE RD)	SWIFT	NATIONAL	0.060	26.3	7.39	1		
1795.00	CLOVIS (FRONTAGE RD)	NATIONAL	HOLLAND	0.061	26.3	7.51	1		
1796.00	CLOVIS (FRONTAGE RD)	HOLLAND	ASHCROFT	0.060	26.3	7.39	1		
1797.00	CLOVIS (FRONTAGE RD)	ASHCROFT	INDIANAPOLIS	0.061	26.4	7.54	1		
1798.00	CLOVIS (FRONTAGE RD)	INDIANAPOLIS	DONNER	0.064	26.4	7.91	1		
1799.00	CLOVIS (FRONTAGE RD)	DONNER	CRESCENT	0.059	22.4	6.19	1		
2118.00	CRESCENT	GETTYSBURG	CLOVIS	0.162	24.9	18.89	1		
2139.00	DAKOTA	MINNEWAWA	DIANA	0.242	24.9	28.22	2	12	
2140.00	DAKOTA	DIANA	DE WITT	0.089	24.1	10.04			
2141.00	DAKOTA	DE WITT	CLOVIS	0.163	24.2	18.47	2	12	
2210.00	DE WITT	DAKOTA	LANSING	0.061	24.3	6.94	1		
2211.00	DE WITT	LANSING	SAGINAW	0.055	24.3	6.26	1		
2212.00	DE WITT	SAGINAW	PONTIAC	0.060	24.3	6.83	1		
2213.00	DE WITT	PONTIAC	GRIFFITH	0.058	23.9	6.49	1	12	
2214.00	DE WITT	GRIFFITH	RALPH LN N&S	0.061	22.7	6.48	1	12	
2215.00	DE WITT	RALPH LN N&S	BELL AIRE	0.027	24.3	3.07	1		
2216.00	DE WITT	BELL AIRE	HAMPTON	0.056	24.3	6.37	1		
2217.00	DE WITT	HAMPTON	ASHLAN	0.055	24.3	6.26	1	12	
2218.00	DE WITT	SWIFT	NATIONAL	0.057	25.3	6.75	1		
2219.00	DE WITT	NATIONAL	HOLLAND	0.057	25.3	6.75	1		
2220.00	DE WITT	HOLLAND	ASHCROFT	0.057	23.6	6.30	1		
2221.00	DE WITT	ASHCROFT	INDIANAPOLIS	0.057	23.6	6.30	1		
2222.00	DE WITT	INDIANAPOLIS	DONNER	0.055	23.6	6.08			
2222.50	DE WITT	DONNER	GETTYSBURG	0.109	24.5	12.51		12	
2405.00	DIANA	END MAINT RD	DAKOTA	0.027	18.9	2.39			
2545.00	DONNER	DE WITT	CLOVIS	0.176	25.0	20.61	1	12	
2596.00	DUKE	SUSSEX	HAMPTON	0.125	32.4	18.97	2		
2597.00	DUKE	HOLLAND	NORWICH	0.198	32.4	30.04	1		
2662.00	EDDY	SUSSEX	HAMPTON	0.101	32.7	15.47	1		
2663.00	EDDY	TARPEY DR	ARGYLE	0.059	32.5	8.98	1		
2664.00	EDDY	ARGYLE	NORWICH	0.249	32.4	37.78	1		
2665.00	EDDY	NORWICH	GETTYSBURG	0.053	32.2	7.99		12	
2671.00	EDITH DR	CLOVIS	LANSING	0.107	28.5	14.28	1		
2672.00	EDITH DR	LANSING	SAGINAW	0.105	25.2	12.39	1		
2673.00	EDITH DR	SAGINAW	PONTIAC	0.056	25.2	6.61	1		
2863.00	EUCLID	MINNEWAWA	NATIONAL	0.190	25.1	22.33	2	12	
3341.00	GARLAND	END MAINT RD	GARLAND CIR	0.035	28.2	4.62	1		
3342.00	GARLAND	GARLAND CIR	HAMMEL WY	0.049	36.0	8.26	2		
3343.00	GARLAND	HAMMEL WY	CLOVIS	0.045	36.0	7.59	1	12	
3345.00	GARLAND CIR	GARLAND	END MAINT RD	0.028	34.7	4.55	1		

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
3566.00	GRIFFITH	MINNEWAWA	SUSSEX	0.190	22.3	19.84	2	12	
3567.00	GRIFFITH	SUSSEX	DE WITT	0.062	25.6	7.43	1		
3568.00	GRIFFITH	DE WITT	HAMMEL WY	0.164	24.5	18.82	2		
3569.00	GRIFFITH	HAMMEL WY	CLOVIS	0.081	25.1	9.52	1	12	
3594.00	HAMMEL WY	GARLAND	RAMONA	0.117	30.5	16.71			
3595.00	HAMMEL WY	RAMONA	END MAINT RD	0.021	30.7	3.02	2		
3596.00	HAMMEL WY	GRIFFITH	ASHLAN	0.142	23.3	15.49		12	
3597.00	HAMMEL WY	ASHLAN	CLOVIS	0.106	25.2	12.51		12	
3600.00	HAMPTON	MINNEWAWA	DE WITT	0.223	25.0	26.11	1		
3601.00	HAMPTON	LARKIN	PHILLIP	0.050	32.6	7.63			
3602.00	HAMPTON	PHILLIP	EDDY	0.061	32.4	9.26	1		
3603.00	HAMPTON	EDDY	MANILA	0.060	32.4	9.10			
3604.00	HAMPTON	MANILA	ARGYLE	0.054	32.4	8.19			
3605.00	HAMPTON	DUKE	SUNNYSIDE	0.049	32.3	7.41		12	
3606.00	HAMPTON	SUNNYSIDE	CLOVIS C.L.	0.020	32.3	3.03	1	12	
3874.00	HOLLAND	MINNEWAWA	DE WITT	0.242	25.3	28.67	1	12	
3875.00	HOLLAND	DE WITT	CLOVIS	0.246	24.7	28.46	1	12	
3876.00	HOLLAND	ARGYLE	DUKE	0.073	32.5	11.11	1		
3877.00	HOLLAND	DUKE	SUNNYSIDE	0.049	32.5	7.46	1		
4035.00	INDIANAPOLIS	MINNEWAWA	NORWICH	0.226	24.0	25.40	2	12	
4036.00	INDIANAPOLIS	NORWICH	DE WITT	0.070	24.6	8.06			
4037.00	INDIANAPOLIS	DE WITT	CLOVIS	0.220	25.4	26.17	1	12	
4351.00	JUDY	SUSSEX	BELL AIRE	0.049	32.3	7.41			
4352.00	JUDY	ASHLAN	BERNADINE DR	0.098	32.8	15.05	1	12	
4572.00	LANSING	MINNEWAWA	DE WITT	0.287	24.5	32.93	2	12	
4573.00	LANSING	EDITH DR	CLOVIS	0.119	25.0	13.93	2	12	
4578.00	LARKIN	SUSSEX	HAMPTON	0.070	32.6	10.69			
4977.00	MANILA	END MAINT RD	SUSSEX	0.024	32.7	3.68			
4978.00	MANILA	SUSSEX	HAMPTON	0.120	32.5	18.26	1		
4979.00	MANILA	HAMPTON	BUCKINGHAM	0.051	32.5	7.76			
4980.00	MANILA	BUCKINGHAM	ASHLAN	0.051	32.2	7.69	1	12	
4981.00	MANILA	ASHLAN	AUSTIN	0.054	32.1	8.12			

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
4982.00	MANILA	AUSTIN	BERNADINE DR	0.067	33.0	10.35	1		
4983.00	MANILA	ARGYLE	NORWICH	0.193	32.1	29.01	1		
5814.00	NATIONAL	MINNEWAWA	EUCLID	0.156	24.5	17.90	3	12	
5815.00	NATIONAL	EUCLID	DE WITT	0.064	24.1	7.22	1	12	22
5816.00	NATIONAL	DE WITT	CLOVIS	0.268	23.5	29.49	1	24	22
6001.00	NORWICH	MINNEWAWA	INDIANAPOLIS	0.257	24.5	29.49		12	
6002.00	NORWICH	EDDY	MANILA	0.050	32.4	7.59	1	12	
6003.00	NORWICH	MANILA	ARGYLE	0.050	32.4	7.59			
6004.00	NORWICH	ARGYLE	DUKE	0.050	32.4	7.59	1		
6005.00	NORWICH	DUKE	SUNNYSIDE	0.050	32.4	7.59		12	
6006.00	NORWICH	SUNNYSIDE	CLOVIS C.L.	0.028	35.4	4.64			
6361.00	PERRY	RALPH LN N&S	ASHLAN	0.099	24.4	11.31	2	12	
6372.00	PHILLIP	SUSSEX	HAMPTON	0.079	32.6	12.06	1		
6373.00	PHILLIP	TARPEY DR	BERNADINE DR	0.049	32.3	7.41	1		
6479.00	PONTIAC	MINNEWAWA	GRIFFITH	0.247	24.3	28.11	2	12	
6480.00	PONTIAC	DE WITT	EDITH DR	0.056	25.2	6.61	1		
6481.00	PONTIAC	EDITH DR	CLOVIS	0.171	25.3	20.26	1	12	
6580.00	RALPH LN S	DE WITT	PERRY	0.052	23.0	5.60	1		
6581.00	RALPH LN S	PERRY	ASHLAN	0.135	23.0	14.54	1	12	
6582.00	RALPH LN N	ASHLAN	ASHLAN	0.221	25.0	25.87	1	24	
6583.00	RAMONA	HAMMEL WY	CLOVIS FRONTAGE RD	0.078	34.0	12.42	2	12	
6824.00	SABRE	SUSSEX	BELL AIRE	0.031	32.7	4.75	1		
6825.00	SABRE	BELL AIRE	BUCKINGHAM	0.079	32.7	12.10	1		
6826.00	SABRE	BUCKINGHAM	ASHLAN	0.051	32.7	7.81			
6855.00	SAGINAW WAY	MINNEWAWA	DE WITT	0.264	25.0	30.91	2	12	
6856.00	SAGINAW WAY	EDITH DR	CLOVIS	0.177	24.9	20.64	1	12	
7358.00	SIVERLY LN	ASHLAN	ASHLAN	0.171	32.4	25.95	1	24	
7605.00	SUNNYSIDE	END MAINT RD	SUSSEX	0.030	32.1	4.51			
7606.00	SUNNYSIDE	SUSSEX	HAMPTON	0.125	32.3	18.91	2		
7607.00	SUNNYSIDE	HAMPTON	BUCKINGHAM	0.049	32.5	7.46			
7608.00	SUNNYSIDE	BUCKINGHAM	ASHLAN	0.050	32.4	7.59	1	12	
7609.00	SUNNYSIDE	ASHLAN	BERNADINE DR	0.112	32.0	16.78		12	
7610.00	SUNNYSIDE	TARPEY DR	HOLLAND	0.044	32.5	6.70			
7611.00	SUNNYSIDE	HOLLAND	NORWICH	0.200	31.9	29.88	1		
7612.00	SUNNYSIDE	NORWICH	GETTYSBURG	0.053	32.3	8.02	1	12	
7641.00	SUSSEX	MINNEWAWA	GRIFFITH	0.229	24.7	26.49	1	12	
7642.00	SUSSEX	JUDY	SABRE	0.086	32.4	13.05	1		
7643.00	SUSSEX	SABRE	LARKIN	0.046	32.3	6.96			
7644.00	SUSSEX	LARKIN	PHILLIP	0.055	32.3	8.32			
7645.00	SUSSEX	PHILLIP	EDDY	0.055	32.3	8.32	1		
7646.00	SUSSEX	EDDY	MANILA	0.055	32.2	8.29	1	12	
7647.00	SUSSEX	MANILA	ARGYLE	0.049	32.5	7.46	1		
7648.00	SUSSEX	ARGYLE	DUKE	0.050	32.3	7.56			
7649.00	SUSSEX	DUKE	SUNNYSIDE	0.049	32.5	7.46	1	12	
7672.00	SWIFT	MINNEWAWA	DE WITT	0.220	24.1	24.83	3	12	
7673.00	SWIFT	DE WITT	CLOVIS	0.283	24.9	33.00	3	12	
7721.00	TARPEY DR	ASHLAN	PHILLIP	0.165	32.5	25.11	2	12	
7722.00	TARPEY DR	PHILLIP	BERNADINE DR	0.152	32.4	23.06	1		
7723.00	TARPEY DR	BERNADINE DR	EDDY	0.077	31.5	11.36	1		
7724.00	TARPEY DR	EDDY	SUNNYSIDE	0.110	32.5	16.74	1		
7725.00	TARPEY DR	SUNNYSIDE	CLOVIS C.L.	0.030	32.4	4.55			
				15.14		1978	141	696	66
			TOTAL	33.80		4912.11	344.00	1428.00	132.00

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Slurry Seal (TON)	Fire Hydrant Reflector	White Stop Bar (SF) Limit Line	STOP (SF)
DEL REY AREA									
1268.00	CARMEL	JEFFERSON	CHICO	0.062	32.4	9.41	1	12	
1269.00	CARMEL	CHICO	REDONDO	0.063	32.4	9.56			
1594.00	CHICO	OAK LN	CARMEL	0.084	32.0	12.59	1	12	
1595.00	CHICO	CARMEL	DEL REY	0.090	32.0	13.49	1	24	
2953.00	FANTZ	VAN HORN	OAK LN	0.051	32.3	7.71	1		
6014.00	OAK LN	JEFFERSON	CHICO	0.063	13.0	3.84	1	12	
6015.00	OAK LN	REDONDO	FANTZ	0.076	36.5	12.99			
6600.00	REDONDO	VAN HORN	VAN HORN	0.021	36.5	3.59	1		
6601.00	REDONDO	VAN HORN	SAN JUAN	0.025	36.5	4.27			
6602.00	REDONDO	SAN JUAN	OAK LN	0.026	36.5	4.44			
6603.00	REDONDO	OAK LN	CARMEL	0.086	36.5	14.70	1	12	
6944.00	SAN JUAN	JEFFERSON	REDONDO	0.122	32.5	18.57		24	
8113.00	VAN HORN	JEFFERSON	REDONDO	0.119	26.0	14.49	1		
8114.00	VAN HORN	REDONDO	FANTZ	0.095	32.5	14.46	1		
503.00	AVILA	PORTOLA	WILDWOOD	0.076	36.5	12.99	1	12	
504.00	AVILA	WILDWOOD	CARMEL	0.076	36.6	13.03	2		
1263.00	CARMEL	AVILA	PISMO	0.059	36.6	10.11	1		
1264.00	CARMEL	PISMO	PISMO	0.033	36.6	5.66	1		
1265.00	CARMEL	PISMO	MORRO	0.090	36.6	15.43	2	24	
1266.00	CARMEL	MORRO	ESTRELLA	0.090	36.0	15.17		24	
1267.00	CARMEL	ESTRELLA	JEFFERSON	0.042	36.0	7.08	1	12	
1363.00	CENTER	AMERICAN	LAS TUNIS	0.078	36.5	13.33	1	12	
1364.00	CENTER	LAS TUNIS	END MAINT RD	0.038	36.0	6.41	1		
2859.00	ESTRELLA	DEL REY	PORTOLA	0.017	36.0	2.87		15	
2860.00	ESTRELLA	PORTOLA	WILDWOOD	0.078	36.0	13.15		12	
2861.00	ESTRELLA	WILDWOOD	CARMEL	0.076	36.0	12.81	1	24	
2862.00	ESTRELLA	CARMEL	JEFFERSON	0.043	36.5	7.35		12	
4584.00	LAS TUNIS	CENTER	DEL REY	0.076	36.6	13.03	2	12	
5392.00	MELRUNA	PISMO	MORRO	0.113	36.2	19.16	2		
5635.00	MORRO	PORTOLA	WILDWOOD	0.076	36.0	12.81	1	24	
5636.00	MORRO	WILDWOOD	CARMEL	0.076	36.5	12.99	2		
5637.00	MORRO	CARMEL	MELRUNA	0.063	36.5	10.77	1		
5638.00	MORRO	MELRUNA	JEFFERSON	0.068	36.1	11.50			
6408.00	PISMO	PORTOLA	WILDWOOD	0.076	36.5	12.99	2	12	
6409.00	PISMO	WILDWOOD	CARMEL	0.075	36.5	12.82	1	24	
6410.00	PISMO	CARMEL	MELRUNA	0.065	32.0	9.74	1	12	
6499.00	PORTOLA	AMERICAN	AVILA	0.234	24.0	26.30	2	45	
6500.00	PORTOLA	AVILA	PISMO	0.091	36.2	15.43	1		
6501.00	PORTOLA	PISMO	MORRO	0.091	36.5	15.55	1		
6502.00	PORTOLA	MORRO	DEL REY	0.105	36.0	17.70	1	15	
8425.00	WILDWOOD	AVILA	PISMO	0.091	36.3	15.47	1		
8426.00	WILDWOOD	PISMO	MORRO	0.091	36.0	15.34	1		
8427.00	WILDWOOD	MORRO	ESTRELLA	0.090	36.1	15.22	1	24	
8428.00	WILDWOOD	ESTRELLA	DEL REY	0.095	36.1	16.06	2	12	
				3.36		532.36	42	423	0
FINAL TOTALS				39.98		5911.14	415	2121	132

113.96

Marker Removal	Thermo Stripe Removal
Total	
City	22.00

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
BULLARD & FRUIT AREA												
3665.00	HARRISON	FRESNO C.L.	MESA	0.057	32.4		155					
4930.00	MAGILL	ROOSEVELT	FERGER	0.137	36.1							
4931.00	MAGILL	FERGER	PALM FRONTAGE	0.072	36.4							
5444.00	MESA	FRESNO C.L.	MESA COURT	0.090	36.9							
5451.00	MESA	DOLORES	FORKNER	0.090	36.7							
934.00	BRIARWOOD	BULLARD	STUART	0.220	36.5							
2845.00	ESCALON	0.100 E/O HARRISON (C.L.)	HARRISON	0.100	36.4							
2540.00	DOLORES	MESA	VARTIKIAN	0.117	36.4							
7736.00	TEILMAN	TWAIN	KEATS	0.061	26.9							
7735.00	TEILMAN	FRESNO C.L.	TWAIN	0.030	34.5							
6930.00	SAN JOSE	CHANNING	WEST	0.127	34.4							
8031.00	TWAIN	HARRISON	FRESNO C.L.	0.220	36.0							
6974.00	SAN RAMON	PALM	THORNE	0.238	32.0							
6928.00	SAN JOSE	ARTHUR	FRUIT	0.125	32.4							
6925.00	SAN JOSE	PALM	HARRISON	0.085	32.8							
384.00	ARTHUR	SCOTT	SAN JOSE	0.062	36.4							
383.00	ARTHUR	KEATS	SCOTT	0.062	36.8							
382.00	ARTHUR	0.040 S/O KEATS (C.L.)	KEATS	0.040	36.8							
4536.00	LAFAYETTE	SIERRA	LAFAYETTE	0.067	32.5							
4537.00	LAFAYETTE	LAFAYETTE	MENLO	0.041	32.5							
4538.00	LAFAYETTE	MAGILL	END MAINT RD (CUL-DE-SAC)	0.063	36.2							
4539.00	LAFAYETTE	END MAINT RD	LAFAYETTE	0.050	32.5							
4933.00	MAGILL	VAN NESS	WOODSON	0.102	36.2							
4934.00	MAGILL	WOODSON	LAFAYETTE	0.065	36.2							
4935.00	MAGILL	LAFAYETTE	PLEASANT	0.059	36.2							
5413.00	MENLO	VAN NESS	WOODSON	0.090	32.5							
5414.00	MENLO	WOODSON	LAFAYETTE	0.078	32.5			75				
6198.00	PALO ALTO	FORKNER	VAN NESS	0.252	26.6							
6199.00	PALO ALTO	WOODSON	PLEASANT	0.137	32.3							
6200.00	PALO ALTO	PLEASANT	FRESNO C.L.	0.020	32.3							
6291.00	PAUL	WOODSON	PLEASANT	0.158	32.3							
6437.00	PLEASANT	SIERRA	PAUL	0.148	32.0							
6438.00	PLEASANT	PAUL	PALO ALTO	0.103	32.0							
6439.00	PLEASANT	PALO ALTO	MAGILL	0.150	32.4							
6440.00	PLEASANT	MAGILL	END MAINT RD	0.063	32.4							
7073.00	SEQUOIA DR	SIERRA	PALO ALTO	0.250	24.0							
8578.00	WOODSON	MENLO	PAUL	0.076	32.5							
8579.00	WOODSON	PAUL	PALO ALTO	0.065	32.5							
8580.00	WOODSON	PALO ALTO	WOODSON CUL-DE-SAC	0.059	32.5							
8581.00	WOODSON	WOODSON CUL-DE-SAC	MAGILL	0.060	32.5							
8582.00	WOODSON	MAGILL	END MAINT RD (CUL-DE-SAC)	0.063	32.5							
8585.00	WOODSON CUL-DE-SAC	WOODSON	END MAINT RD	0.064	32.6							
3661.00	HARRISON	TWAIN	KEATS	0.057	34.9							
3662.00	HARRISON	KEATS	SCOTT	0.062	34.9							
3663.00	HARRISON	SCOTT	SAN JOSE	0.062	34.9							
4457.00	KEATS	HARRISON	ARTHUR	0.270	34.0							
6155.25	PALM FRONTAGE (San Madele Ave?)	SAN JOSE	SAN BRUNO	0.062	24.0							
6155.50	PALM FRONTAGE	SAN BRUNO	SAN RAMON	0.063	24.0							
6883.00	SAN BRUNO	PALM	THORNE	0.239	32.4							
6884.00	SAN BRUNO	THORNE	VAGEDES	0.186	32.0							
6926.00	SAN JOSE	HARRISON	THORNE	0.154	32.4							
6927.00	SAN JOSE	THORNE	ARTHUR	0.124	32.4							

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
6948.00	SAN MADELE	FRESNO C.L.	THORNE	0.220	32.5							
6949.00	SAN MADELE	THORNE	VAGEDES	0.187	32.5							
6975.00	SAN RAMON	THORNE	VAGEDES	0.187	32.0							
6976.00	SAN RAMON	VAGEDES	FRUIT	0.061	32.7							
7061.00	SCOTT	HARRISON	ARTHUR	0.280	36.1							
7885.00	THORNE	SAN JOSE	SAN BRUNO	0.063	32.4							
7886.00	THORNE	SAN BRUNO	SAN RAMON	0.062	32.4							
7887.00	THORNE	SAN RAMON	SAN MADELE	0.062	32.4							
7888.00	THORNE	SAN MADELE	BARSTOW	0.063	32.4							
8048.00	VAGEDES	SAN BRUNO	SAN RAMON	0.063	34.0							
8049.00	VAGEDES	SAN RAMON	SAN MADELE	0.061	34.0							
936.00	BROOKS	SAN BRUNO	SAN RAMON	0.063	32.4							
937.00	BROOKS	SAN RAMON	SAN MADELE	0.061	32.4							
1458.00	CHANNING	SAN JOSE	SAN BRUNO	0.063	31.9							
4458.00	KEATS	FRUIT	TEILMAN	0.249	32.0							
6153.00	PACIFIC	SAN BRUNO	SAN RAMON	0.061	32.5							
6885.00	SAN BRUNO	FRUIT	PACIFIC	0.186	32.0							
6886.00	SAN BRUNO	TEILMAN	SAN BRUNO	0.061	32.9							
6887.00	SAN BRUNO	SAN BRUNO	CHANNING	0.060	32.9							
6888.00	SAN BRUNO	CHANNING	BROOKS	0.043	32.9							
6889.00	SAN BRUNO	BROOKS	END MAINT RD	0.062	32.9							
6894.00	SAN BRUNO	END MAINT RD	SAN BRUNO	0.035	32.9							
6929.00	SAN JOSE	FRUIT	TEILMAN	0.248	32.5							
6950.00	SAN MADELE	FRUIT	TEILMAN	0.250	32.5							
6951.00	SAN MADELE	TEILMAN	BROOKS	0.165	32.5							
6952.00	SAN MADELE	BROOKS	END MAINT RD	0.020	32.5							
6977.00	SAN RAMON	FRUIT	PACIFIC	0.187	32.1							
6978.00	SAN RAMON	PACIFIC	TEILMAN	0.062	32.6							
6979.00	SAN RAMON	TEILMAN	BROOKS	0.164	32.4							
6980.00	SAN RAMON	BROOKS	END MAINT RD	0.062	32.8							
7062.00	SCOTT	FRUIT	TEILMAN	0.249	32.9							
7737.00	TEILMAN	KEATS	TEILMAN	0.030	32.7							
7738.00	TEILMAN	TEILMAN	SCOTT	0.030	32.7							
7739.00	TEILMAN	SCOTT	TEILMAN	0.030	32.7							
7740.00	TEILMAN	TEILMAN	SAN JOSE	0.030	32.7							
7741.00	TEILMAN	SAN JOSE	SAN BRUNO	0.063	32.7							
7742.00	TEILMAN	SAN BRUNO	SAN RAMON	0.060	32.7							
7743.00	TEILMAN	SAN RAMON	SAN MADELE	0.061	32.7							
7744.00	TEILMAN	SAN MADELE	BARSTOW	0.065	32.7							
7759.00	TEILMAN (CUL-DE-SAC)	TEILMAN	END MAINT RD	0.034	32.5							
7760.00	TEILMAN (CUL-DE-SAC)	TEILMAN	END MAINT RD	0.034	32.5							
8032.00	TWAIN	FRUIT	TEILMAN	0.248	32.6							
2541.00	DOLORES	VARTKIAN	END MAINT RD	0.042	36.4							
2542.00	DOLORES	END MAINT RD	SIERRA	0.108	56.1							
2770.00	ELLERY	FARRIS	THORNE	0.096	32.5							
2770.50	ELLERY	THORNE	END MAINT RD	0.029	32.5							
2771.00	ELLERY	END MAINT RD	FRUIT	0.044	32.5							
2775.00	ELLERY	WEST	END MAINT RD	0.077	32.5							
2846.00	ESCALON	HARRISON	THORNE	0.077	36.5	53						
2847.00	ESCALON	THORNE	ESCALON CUL-DE-SAC	0.110	29.9	53						
2848.00	ESCALON	ESCALON CUL-DE-SAC	ESCALON CUL-DE-SAC	0.049	29.5							
2849.00	ESCALON	ESCALON CUL-DE-SAC	FRUIT	0.109	29.5							
2857.00	ESCALON (CUL-DE-SAC)	ESCALON	END MAINT RD	0.038	32.5							
2858.00	ESCALON (CUL-DE-SAC)	ESCALON	END MAINT RD	0.038	32.4							
2959.00	FARRIS	SAMPLE	ELLERY	0.072	33.6							
3666.00	HARRISON	MESA	STUART	0.061	32.6							
3667.00	HARRISON	STUART	ESCALON	0.061	33.0							

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
5445.00	MESA	MESA COURT	HARRISON	0.055	35.8		95					79
5451.50	MESA	FORKNER	END OF MAINT	0.098	32.0							
5452.00	MESA COURT	END MAINT RD	MESA	0.030	36.7							
6868.00	SAMPLE	FARRIS	THORNE	0.087	33.0							
6869.00	SAMPLE	THORNE	END MAINT RD	0.103	32.5							
6870.00	SAMPLE	END MAINT RD	FRUIT	0.113	32.5							
7311.00	SIERRA CUL-DE-SAC	END MAINT RD	SIERRA	0.039	32.9							
7312.00	SIERRA CUL-DE-SAC	END MAINT RD	SIERRA	0.042	33.0							
7553.00	STUART	END MAINT RD	HARRISON	0.083	32.9							
7554.00	STUART	HARRISON	FRUIT	0.346	32.1							
7815.00	TENAYA	END MAINT RD	THORNE	0.094	32.2							
7816.00	TENAYA	THORNE	END MAINT RD	0.108	32.2							
7817.00	TENAYA	END MAINT RD	FRUIT	0.112	32.0							
7890.00	THORNE	ESCALON	SAMPLE	0.067	36.5							
7891.00	THORNE	SAMPLE	ELLERY	0.060	36.5							
7892.00	THORNE	ELLERY	TENAYA	0.061	36.5							
7893.00	THORNE	TENAYA	SIERRA	0.065	36.5							
8157.00	VARTIKIAN	WEST	DOLORES	0.158	36.4							
8383.00	WEST (W FRONTAGE)	0.040 S/O VARTIKIAN (C.L.)	VARTIKIAN	0.040	28.5							
8384.00	WEST (W FRONTAGE)	VARTIKIAN	ELLERY	0.063	30.1							
1245.00	CALIMYRNA	LAFAYETTE	PLEASANT	0.061	36.0							
2854.00	ESCALON	VAN NESS	WOODSON	0.090	36.3		95					
2855.00	ESCALON	WOODSON	KAVANAGH	0.071	36.3							
2856.00	ESCALON	KAVANAGH	LAFAYETTE	0.064	36.3							
4407.00	KAVANAGH	BULLARD	LAFAYETTE	0.173	36.5							
4408.00	KAVANAGH	ESCALON	END MAINT RD	0.033	32.4							
4532.00	LAFAYETTE	CALIMYRNA	KAVANAGH	0.061	36.8							
4533.00	LAFAYETTE	KAVANAGH	STUART	0.074	36.8							
4534.00	LAFAYETTE	STUART	ESCALON	0.064	36.5							
4535.00	LAFAYETTE	ESCALON	FRESNO C.L.	0.040	36.5							
6435.00	PLEASANT	BULLARD	CALIMYRNA	0.066	35.7							
6436.00	PLEASANT	CALIMYRNA	STUART	0.153	36.2							
7560.00	STUART	VAN NESS	LAFAYETTE	0.215	36.8			130				
7561.00	STUART	LAFAYETTE	PLEASANT	0.076	36.2							
7562.00	STUART	PLEASANT	BRIARWOOD	0.059	36.2							
8577.00	WOODSON	ESCALON	END MAINT RD	0.032	36.7							
1921.00	COLONIAL	0.070 S/O PAUL (C.L.)	PAUL	0.070	36.3							
1922.00	COLONIAL	PAUL	PALO ALTO	0.039	36.3							
1923.00	COLONIAL	PALO ALTO	0.070 N/O PALO ALTO (C.L.)	0.070	36.1							
2972.00	FERGER	SIERRA	PAUL	0.163	36.4		85					
2973.00	FERGER	PAUL	PALO ALTO	0.063	36.5							
2974.00	FERGER	FREMONT	MAGILL	0.059	31.2							
3216.00	FREMONT	ROOSEVELT	WILSON	0.064	32.3							
3217.00	FREMONT	WILSON	FERGER	0.071	32.4							
6156.00	PALM FRONTAGE (E)	PALM	END MAINT RD	0.036	32.1							
6157.00	PALM FRONTAGE	END MAINT RD	PALM FRONTAGE	0.021	32.7							
6157.50	PALM FRONTAGE	PALM FRONTAGE	PALM	0.020	32.7							
6158.00	PALM FRONTAGE (E)	PALM	MAGILL	0.051	29.9							
6190.00	PALO ALTO	COLONIAL	ROOSEVELT	0.076	36.4							
6191.00	PALO ALTO	ROOSEVELT	WILSON	0.051	36.4							
6192.00	PALO ALTO	WILSON	FERGER	0.086	36.5							
6193.00	PALO ALTO	FERGER	PALO ALTO (CUL-DE-SAC)	0.053	36.1							
6194.00	PALO ALTO	PALO ALTO (CUL-DE-SAC)	PALM	0.015	36.1							
6200.50	PALO ALTO (CUL-DE-SAC)	END MAINT RD	PALO ALTO	0.023	32.5							
6287.00	PAUL	WISHON (SOUTH)	WISHON (NORTH)	0.037	36.3							
6288.00	PAUL	WISHON (NORTH)	COLONIAL	0.079	36.3							
6289.00	PAUL	ROOSEVELT	FERGER	0.116	32.3							
6754.00	ROOSEVELT	PAUL	PALO ALTO	0.068	32.2							
6755.00	ROOSEVELT	FREMONT	MAGILL	0.059	32.0							
8506.00	WILSON	PALO ALTO	FREMONT	0.058	37.5							
8552.00	WISHON	0.030 S/O PAUL (C.L.)	PAUL	0.030	36.0							
8553.00	WISHON	PAUL	0.080 N/O PAUL (C.L.)	0.080	36.2							
925.00	BRIARWOOD (SCOTT)	END MAINT RD	SCOTT	0.030	33.9							
926.00	BRIARWOOD	SAN BRUNO	SAN CARLOS	0.056	36.5							
927.00	BRIARWOOD	SAN CARLOS	SAN RAMON	0.033	36.5							

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
928.00	BRIARWOOD	SAN RAMON	SAN MADELE	0.056	36.5							
929.00	BRIARWOOD	SAN MADELE	BARSTOW	0.082	36.5							
1518.00	CHERYL	END MAINT RD	SAN JOSE	0.032	36.5							
1519.00	CHERYL	SAN BRUNO	SAN CARLOS	0.055	32.5							
4403.00	KAVANAGH	FRESNO C.L.	SCOTT	0.030	32.7							
4404.00	KAVANAGH	SAN JOSE	SAN BRUNO	0.065	32.4							
4405.00	KAVANAGH	SAN MADELE	BARSTOW	0.061	36.0							
6430.00	PLEASANT	END MAINT RD	SCOTT	0.057	31.5							
6431.00	PLEASANT	SCOTT	SAN JOSE	0.062	32.5							
6432.00	PLEASANT	SAN JOSE	SAN BRUNO	0.061	31.3							
6433.00	PLEASANT	SAN BRUNO	SAN RAMON	0.093	31.3							
6643.00	RICEWOOD	SAN CARLOS	SAN RAMON	0.069	32.5							
6644.00	RICEWOOD	SAN RAMON	SAN MADELE	0.045	32.5							
6890.00	SAN BRUNO	END MAINT RD	KAVANAGH	0.046	32.3							
6891.00	SAN BRUNO	KAVANAGH	SAN BRUNO CIRCLE	0.056	32.3							
6892.00	SAN BRUNO	SAN BRUNO CIRCLE	PLEASANT	0.062	32.3							
6893.00	SAN BRUNO	BRIARWOOD	CHERYL	0.151	32.0							
6895.00	SAN BRUNO CIRCLE	SAN BRUNO	END MAINT RD	0.032	32.9							
6898.00	SAN CARLOS	BRIARWOOD	RICEWOOD	0.061	36.3							
6899.00	SAN CARLOS	RICEWOOD	CHERYL	0.091	36.3							
6900.00	SAN CARLOS	CHERYL	MARKS	0.037	36.3							
6931.00	SAN JOSE	VAN NESS	WOODSON	0.072	31.9			130				
6932.00	SAN JOSE	WOODSON	KAVANAGH	0.082	33.0							
6933.00	SAN JOSE	KAVANAGH	PLEASANT	0.121	32.0							
6934.00	SAN JOSE	PLEASANT	CHERYL	0.209	36.6							
6935.00	SAN JOSE	CHERYL	MARKS	0.038	36.7							
6955.00	SAN MADELE	WOODSON	KAVANAGH	0.087	36.5							
6956.00	SAN MADELE	KAVANAGH	BRIARWOOD	0.161	36.5							
6957.00	SAN MADELE	RICEWOOD	MARKS	0.092	32.3							
6981.00	SAN RAMON	VAN NESS	WOODSON	0.102	36.5			130				
6982.00	SAN RAMON	WOODSON	PLEASANT	0.155	36.6							
6983.00	SAN RAMON	PLEASANT	BRIARWOOD	0.060	36.5							
6984.00	SAN RAMON	RICEWOOD	END MAINT RD	0.083	32.5							
7063.00	SCOTT	WOODSON	KAVANAGH	0.085	32.5							
7064.00	SCOTT	KAVANAGH	PLEASANT	0.120	32.4							
7065.00	SCOTT	PLEASANT	SCOTT CUL-DE-SAC	0.065	32.4							
8572.00	WOODSON	SCOTT	SAN JOSE	0.053	32.9							
8573.00	WOODSON	SAN RAMON	SAN MADELE	0.084	36.4							
				18.66		106.00	430.00	465.00	0.00	0.00	0.00	79.00

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
TARPEY VILLAGE AREA												
343.00	ARGYLE	SUSSEX	HAMPTON	0.126	32.4							
344.00	ARGYLE	EDDY	MANILA	0.050	32.6							
345.00	ARGYLE	MANILA	NORWICH	0.187	32.5							
387.00	ASHCROFT	MINNEWAWA	DE WITT	0.265	24.8							
388.00	ASHCROFT	DE WITT	CLOVIS	0.223	26.1							
498.00	AUSTIN	ASHLAN	MANILA	0.212	32.8							
594.00	BELL AIRE	JUDY	SABRE	0.072	32.4							
695.00	BERNADINE DR	JUDY	PHILLIP	0.130	32.4							
696.00	BERNADINE DR	PHILLIP	TARPEY DR	0.175	32.5							
697.00	BERNADINE DR	TARPEY DR	MANILA	0.048	32.5							
698.00	BERNADINE DR	MANILA	SUNNYSIDE	0.123	32.4							
699.00	BERNADINE DR	SUNNYSIDE	0.04 E/O SUNNYSIDE (CLOVIS C.L.)	0.040	32.5							
1019.00	BUCKINGHAM	MINNEWAWA	ASHLAN	0.155	24.9							
1020.00	BUCKINGHAM	SABRE	MANILA	0.214	32.4							
1021.00	BUCKINGHAM	MANILA	SUNNYSIDE	0.159	32.1							
1786.00	CLOVIS (FRONTAGE RD)	GARLAND	RAMONA	0.066	26.5							
1787.00	CLOVIS (FRONTAGE RD)	RAMONA	DAKOTA	0.072	26.0							
1788.00	CLOVIS (FRONTAGE RD)	DAKOTA	EDITH DR	0.056	25.9							
1789.00	CLOVIS (FRONTAGE RD)	EDITH DR	LANSING	0.055	25.9							
1790.00	CLOVIS (FRONTAGE RD)	LANSING	SAGINAW	0.055	25.9							
1791.00	CLOVIS (FRONTAGE RD)	SAGINAW	PONTIAC	0.055	25.9							
1792.00	CLOVIS (FRONTAGE RD)	PONTIAC	GRIFFITH	0.057	25.9							
1793.00	CLOVIS (FRONTAGE RD)	HAMMEL WY	SWIFT	0.083	26.3							
1794.00	CLOVIS (FRONTAGE RD)	SWIFT	NATIONAL	0.060	26.3							
1795.00	CLOVIS (FRONTAGE RD)	NATIONAL	HOLLAND	0.061	26.3							
1796.00	CLOVIS (FRONTAGE RD)	HOLLAND	ASHCROFT	0.060	26.3							
1797.00	CLOVIS (FRONTAGE RD)	ASHCROFT	INDIANAPOLIS	0.061	26.4							
1798.00	CLOVIS (FRONTAGE RD)	INDIANAPOLIS	DONNER	0.064	26.4							
1799.00	CLOVIS (FRONTAGE RD)	DONNER	CRESCENT	0.059	22.4							
2118.00	CRESCENT	GETTYSBURG	CLOVIS	0.162	24.9							
2139.00	DAKOTA	MINNEWAWA	DIANA	0.242	24.9							
2140.00	DAKOTA	DIANA	DE WITT	0.089	24.1							
2141.00	DAKOTA	DE WITT	CLOVIS	0.163	24.2							
2210.00	DE WITT	DAKOTA	LANSING	0.061	24.3							
2211.00	DE WITT	LANSING	SAGINAW	0.055	24.3							
2212.00	DE WITT	SAGINAW	PONTIAC	0.060	24.3							
2213.00	DE WITT	PONTIAC	GRIFFITH	0.058	23.9							
2214.00	DE WITT	GRIFFITH	RALPH LN N&S	0.061	22.7							
2215.00	DE WITT	RALPH LN N&S	BELL AIRE	0.027	24.3							
2216.00	DE WITT	BELL AIRE	HAMPTON	0.056	24.3							
2217.00	DE WITT	HAMPTON	ASHLAN	0.055	24.3							
2218.00	DE WITT	SWIFT	NATIONAL	0.057	25.3							
2219.00	DE WITT	NATIONAL	HOLLAND	0.057	25.3							
2220.00	DE WITT	HOLLAND	ASHCROFT	0.057	23.6							
2221.00	DE WITT	ASHCROFT	INDIANAPOLIS	0.057	23.6							
2222.00	DE WITT	INDIANAPOLIS	DONNER	0.055	23.6							
2222.50	DE WITT	DONNER	GETTYSBURG	0.109	24.5							
2405.00	DIANA	END MAINT RD	DAKOTA	0.027	18.9							
2545.00	DONNER	DE WITT	CLOVIS	0.176	25.0							
2596.00	DUKE	SUSSEX	HAMPTON	0.125	32.4							
2597.00	DUKE	HOLLAND	NORWICH	0.198	32.4							
2662.00	EDDY	SUSSEX	HAMPTON	0.101	32.7							
2663.00	EDDY	TARPEY DR	ARGYLE	0.059	32.5							
2664.00	EDDY	ARGYLE	NORWICH	0.249	32.4							
2665.00	EDDY	NORWICH	GETTYSBURG	0.053	32.2							
2671.00	EDITH DR	CLOVIS	LANSING	0.107	28.5							
2672.00	EDITH DR	LANSING	SAGINAW	0.105	25.2							
2673.00	EDITH DR	SAGINAW	PONTIAC	0.056	25.2							
2863.00	EUCLID	MINNEWAWA	NATIONAL	0.190	25.1							
3341.00	GARLAND	END MAINT RD	GARLAND CIR	0.035	28.2							
3342.00	GARLAND	GARLAND CIR	HAMMEL WY	0.049	36.0							
3343.00	GARLAND	HAMMEL WY	CLOVIS	0.045	36.0							
3345.00	GARLAND CIR	GARLAND	END MAINT RD	0.028	34.7							

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
3566.00	GRIFFITH	MINNEWAWA	SUSSEX	0.190	22.3							
3567.00	GRIFFITH	SUSSEX	DE WITT	0.062	25.6							
3568.00	GRIFFITH	DE WITT	HAMMEL WY	0.164	24.5							
3569.00	GRIFFITH	HAMMEL WY	CLOVIS	0.081	25.1							
3594.00	HAMMEL WY	GARLAND	RAMONA	0.117	30.5							
3595.00	HAMMEL WY	RAMONA	END MAINT RD	0.021	30.7							
3596.00	HAMMEL WY	GRIFFITH	ASHLAN	0.142	23.3							
3597.00	HAMMEL WY	ASHLAN	CLOVIS	0.106	25.2							
3600.00	HAMPTON	MINNEWAWA	DE WITT	0.223	25.0							
3601.00	HAMPTON	LARKIN	PHILLIP	0.050	32.6							
3602.00	HAMPTON	PHILLIP	EDDY	0.061	32.4							
3603.00	HAMPTON	EDDY	MANILA	0.060	32.4							
3604.00	HAMPTON	MANILA	ARGYLE	0.054	32.4							
3605.00	HAMPTON	DUKE	SUNNYSIDE	0.049	32.3							
3606.00	HAMPTON	SUNNYSIDE	CLOVIS C.L.	0.020	32.3							
3874.00	HOLLAND	MINNEWAWA	DE WITT	0.242	25.3							
3875.00	HOLLAND	DE WITT	CLOVIS	0.246	24.7							
3876.00	HOLLAND	ARGYLE	DUKE	0.073	32.5							
3877.00	HOLLAND	DUKE	SUNNYSIDE	0.049	32.5							
4035.00	INDIANAPOLIS	MINNEWAWA	NORWICH	0.226	24.0							
4036.00	INDIANAPOLIS	NORWICH	DE WITT	0.070	24.6							
4037.00	INDIANAPOLIS	DE WITT	CLOVIS	0.220	25.4							
4351.00	JUDY	SUSSEX	BELL AIRE	0.049	32.3							
4352.00	JUDY	ASHLAN	BERNADINE DR	0.098	32.8							
4572.00	LANSING	MINNEWAWA	DE WITT	0.287	24.5							
4573.00	LANSING	EDITH DR	CLOVIS	0.119	25.0							
4578.00	LARKIN	SUSSEX	HAMPTON	0.070	32.6							
4977.00	MANILA	END MAINT RD	SUSSEX	0.024	32.7							
4978.00	MANILA	SUSSEX	HAMPTON	0.120	32.5							
4979.00	MANILA	HAMPTON	BUCKINGHAM	0.051	32.5							
4980.00	MANILA	BUCKINGHAM	ASHLAN	0.051	32.2							
4981.00	MANILA	ASHLAN	AUSTIN	0.054	32.1							

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
4982.00	MANILA	AUSTIN	BERNADINE DR	0.067	33.0							
4983.00	MANILA	ARGYLE	NORWICH	0.193	32.1							
5814.00	NATIONAL	MINNEWAWA	EUCLID	0.156	24.5							
5815.00	NATIONAL	ELCLUD	DE WITT	0.064	24.1	53						
5816.00	NATIONAL	DE WITT	CLOVIS	0.268	23.5	53						
6001.00	NORWICH	MINNEWAWA	INDIANAPOLIS	0.257	24.5							
6002.00	NORWICH	EDDY	MANILA	0.050	32.4							
6003.00	NORWICH	MANILA	ARGYLE	0.050	32.4							
6004.00	NORWICH	ARGYLE	DUKE	0.050	32.4							
6005.00	NORWICH	DUKE	SUNNYSIDE	0.050	32.4							
6006.00	NORWICH	SUNNYSIDE	CLOVIS C.L.	0.028	35.4							
6361.00	PERRY	RALPH LN N&S	ASHLAN	0.099	24.4							
6372.00	PHILLIP	SUSSEX	HAMPTON	0.079	32.6							
6373.00	PHILLIP	TARPEY DR	BERNADINE DR	0.049	32.3							
6479.00	PONTIAC	MINNEWAWA	GRIFFITH	0.247	24.3							
6480.00	PONTIAC	DE WITT	EDITH DR	0.056	25.2							
6481.00	PONTIAC	EDITH DR	CLOVIS	0.171	25.3							
6580.00	RALPH LN S	DE WITT	PERRY	0.052	23.0							
6581.00	RALPH LN S	PERRY	ASHLAN	0.135	23.0							
6582.00	RALPH LN N	ASHLAN	ASHLAN	0.221	25.0							
6583.00	RAMONA	HAMMEL WY	CLOVIS FRONTAGE RD	0.078	34.0							
6824.00	SABRE	SUSSEX	BELL AIRE	0.031	32.7							
6825.00	SABRE	BELL AIRE	BUCKINGHAM	0.079	32.7							
6826.00	SABRE	BUCKINGHAM	ASHLAN	0.051	32.7							
6855.00	SAGINAW WAY	MINNEWAWA	DE WITT	0.264	25.0							
6856.00	SAGINAW WAY	EDITH DR	CLOVIS	0.177	24.9							
7358.00	SIVERLY LN	ASHLAN	ASHLAN	0.171	32.4							
7605.00	SUNNYSIDE	END MAINT RD	SUSSEX	0.030	32.1							
7606.00	SUNNYSIDE	SUSSEX	HAMPTON	0.125	32.3							
7607.00	SUNNYSIDE	HAMPTON	BUCKINGHAM	0.049	32.5							
7608.00	SUNNYSIDE	BUCKINGHAM	ASHLAN	0.050	32.4							
7609.00	SUNNYSIDE	ASHLAN	BERNADINE DR	0.112	32.0							
7610.00	SUNNYSIDE	TARPEY DR	HOLLAND	0.044	32.5							
7611.00	SUNNYSIDE	HOLLAND	NORWICH	0.200	31.9							
7612.00	SUNNYSIDE	NORWICH	GETTYSBURG	0.053	32.3							
7641.00	SUSSEX	MINNEWAWA	GRIFFITH	0.229	24.7							
7642.00	SUSSEX	JUDY	SABRE	0.086	32.4							
7643.00	SUSSEX	SABRE	LARKIN	0.046	32.3							
7644.00	SUSSEX	LARKIN	PHILLIP	0.055	32.3							
7645.00	SUSSEX	PHILLIP	EDDY	0.055	32.3							
7646.00	SUSSEX	EDDY	MANILA	0.055	32.2							
7647.00	SUSSEX	MANILA	ARGYLE	0.049	32.5							
7648.00	SUSSEX	ARGYLE	DUKE	0.050	32.3							
7649.00	SUSSEX	DUKE	SUNNYSIDE	0.049	32.5							
7672.00	SWIFT	MINNEWAWA	DE WITT	0.220	24.1							
7673.00	SWIFT	DE WITT	CLOVIS	0.283	24.9							
7721.00	TARPEY DR	ASHLAN	PHILLIP	0.165	32.5							
7722.00	TARPEY DR	PHILLIP	BERNADINE DR	0.152	32.4							
7723.00	TARPEY DR	BERNADINE DR	EDDY	0.077	31.5							
7724.00	TARPEY DR	EDDY	SUNNYSIDE	0.110	32.5							
7725.00	TARPEY DR	SUNNYSIDE	CLOVIS C.L.	0.030	32.4							
				15.14		106	0	0	0	0	0	0
			TOTAL	33.80		212.00	430.00	465.00	0.00	0.00	0.00	79.00

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
MALAGA AREA												
1247.00	CALVIN	CHESTNUT	FRONT	0.040	36.4							
1248.00	CALVIN	FRONT	GRAND	0.063	36.4	53						
1249.00	CALVIN	GRAND	OLNEY	0.087	36.5							
1250.00	CALVIN	OLNEY	GOULD	0.087	36.5							
1591.00	CHESTNUT (FRONT ST.)	CALVIN	FRONT	0.190	30.0							
3185.00	FRANK	MUSCAT	GRAND	0.101	36.0							
3186.00	FRANK	GRAND	OLNEY	0.087	36.0							
3187.00	FRANK	OLNEY	WINERY	0.072	36.0							
3231.00	FRONT	OLNEY	GOULD	0.087	36.5							
3232.00	FRONT	GOULD	CENTRAL	0.153	36.2							
3491.00	GOULD	HARDING	CALVIN	0.072	36.0							
3492.00	GOULD	CALVIN	WARD	0.071	36.0							
3493.00	GOULD	WARD	FRONT	0.054	36.0							
3496.00	GRAND	VICTORIA	FRANK	0.071	36.0							
3497.00	GRAND	FRANK	HARDING	0.071	36.0							
3498.00	GRAND	HARDING	CALVIN	0.072	36.0							
3498.50	GRAND	CALVIN	WARD	0.071	36.0							
3621.00	HARDING	MUSCAT	GRAND	0.162	36.5							
3622.00	HARDING	GRAND	OLNEY	0.087	36.5							
3623.00	HARDING	OLNEY	GOULD	0.086	36.5							
3624.00	HARDING	GOULD	WINERY	0.062	36.3							
6089.00	OLNEY	FRANK	HARDING	0.072	36.1							
6090.00	OLNEY	HARDING	CALVIN	0.072	36.1							
6091.00	OLNEY	CALVIN	WARD	0.072	36.1							
6092.00	OLNEY	WARD	FRONT	0.054	36.1							
8164.00	VICTORIA	MUSCAT	GRAND	0.039	36.1							
8165.00	VICTORIA	GRAND	WINERY	0.078	36.5							
8254.00	WARD	GRAND	OLNEY	0.086	36.0							
8255.00	WARD	OLNEY	GOULD	0.088	36.0							
8256.00	WARD	GOULD	CENTRAL	0.200	36.3		70					158
8525.00	WINERY	VICTORIA	FRANK	0.107	30.0							
8526.00	WINERY	FRANK	HARDING	0.107	30.0							
				2.82		53	70	0	0	0	0	158

SIR	STREET	LIMIT 1	LIMIT 2	LENGTH (MILES)	Width (FEET)	Stop Ahead (SF)	Yellow Crosswalk (SF)	White Crosswalk (SF)	Thermoplastic traffic stripe (Yellow detail 5) LF	Thermoplastic traffic stripe (Yellow detail 18) LF	Thermoplastic traffic stripe (Yellow detail 21) LF	Slow School Xing (SF)
DEL REY AREA												
1268.00	CARMEL	JEFFERSON	CHICO	0.062	32.4							
1269.00	CARMEL	CHICO	REDONDO	0.063	32.4							
1594.00	CHICO	OAK LN	CARMEL	0.084	32.0							
1595.00	CHICO	CARMEL	DEL REY	0.090	32.0							
2953.00	FANTZ	VAN HORN	OAK LN	0.051	32.3							
6014.00	OAK LN	JEFFERSON	CHICO	0.063	13.0							
6015.00	OAK LN	REDONDO	FANTZ	0.076	36.5							
6600.00	REDONDO	VAN HORN	VAN HORN	0.021	36.5							
6601.00	REDONDO	VAN HORN	SAN JUAN	0.025	36.5							
6602.00	REDONDO	SAN JUAN	OAK LN	0.026	36.5							
6603.00	REDONDO	OAK LN	CARMEL	0.086	36.5							
6944.00	SAN JUAN	JEFFERSON	REDONDO	0.122	32.5							
8113.00	VAN HORN	JEFFERSON	REDONDO	0.119	26.0		78					
8114.00	VAN HORN	REDONDO	FANTZ	0.095	32.5							
503.00	AVILA	PORTOLA	WILDWOOD	0.076	36.5							
504.00	AVILA	WILDWOOD	CARMEL	0.076	36.6							
1263.00	CARMEL	AVILA	PISMO	0.059	36.6							
1264.00	CARMEL	PISMO	PISMO	0.033	36.6							
1265.00	CARMEL	PISMO	MORRO	0.090	36.6							
1266.00	CARMEL	MORRO	ESTRELLA	0.090	36.0							
1267.00	CARMEL	ESTRELLA	JEFFERSON	0.042	36.0							
1363.00	CENTER	AMERICAN	LAS TUNIS	0.078	36.5							
1364.00	CENTER	LAS TUNIS	END MAINT RD	0.038	36.0							
2859.00	ESTRELLA	DEL REY	PORTOLA	0.017	36.0						45	
2860.00	ESTRELLA	PORTOLA	WILDWOOD	0.078	36.0							
2861.00	ESTRELLA	WILDWOOD	CARMEL	0.076	36.0							
2862.00	ESTRELLA	CARMEL	JEFFERSON	0.043	36.5							
4584.00	LAS TUNIS	CENTER	DEL REY	0.076	36.6							
5392.00	MELRUNA	PISMO	MORRO	0.113	36.2		90					
5635.00	MORRO	PORTOLA	WILDWOOD	0.076	36.0						350	
5636.00	MORRO	WILDWOOD	CARMEL	0.076	36.5						350	
5637.00	MORRO	CARMEL	MELRUNA	0.063	36.5						295	79
5638.00	MORRO	MELRUNA	JEFFERSON	0.068	36.1							
6408.00	PISMO	PORTOLA	WILDWOOD	0.076	36.5							
6409.00	PISMO	WILDWOOD	CARMEL	0.075	36.5							
6410.00	PISMO	CARMEL	MELRUNA	0.065	32.0							
6499.00	PORTOLA	AMERICAN	AVILA	0.234	24.0	53			485	315	160	
6500.00	PORTOLA	AVILA	PISMO	0.091	36.2						440	
6501.00	PORTOLA	PISMO	MORRO	0.091	36.5						440	
6502.00	PORTOLA	MORRO	DEL REY	0.105	36.0						445	
8425.00	WILDWOOD	AVILA	PISMO	0.091	36.3							
8426.00	WILDWOOD	PISMO	MORRO	0.091	36.0							
8427.00	WILDWOOD	MORRO	ESTRELLA	0.090	36.1							
8428.00	WILDWOOD	ESTRELLA	DEL REY	0.095	36.1							
				3.36		53	168	0	485	315	2525	79
FINAL TOTALS				39.98		318	668	465	485	315	2525	316

Thermo Marking
Removal

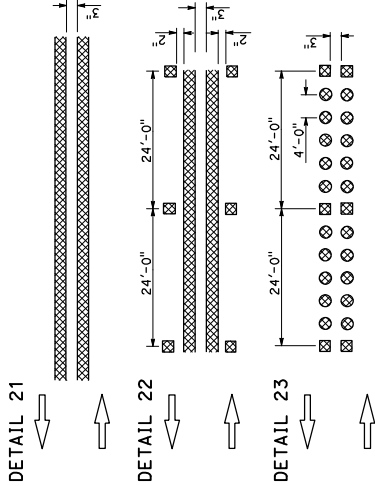
3325

Di-61	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTALS NO. SHEETS

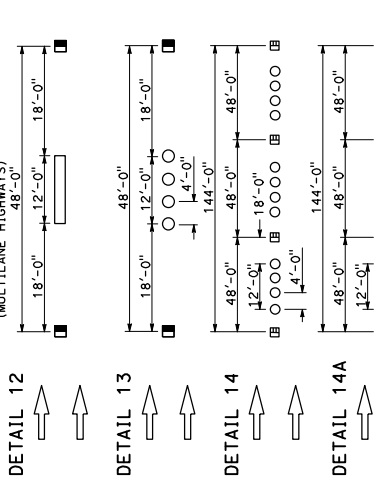
Alfa Ferouzi
REGISTERED CIVIL ENGINEER
October 30, 2015
PLANS APPROVED
No. 3-31-17
CIVIL
STATE OF CALIFORNIA
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
DESIGN SHALL NOT BE RESPONSIBLE FOR
CONTRACTORS FAILURE TO VERIFY THE
CORRECTNESS OF THIS PLAN SHEET.

PROFESSIONAL ENGINEER
Alfa Ferouzi
No. 3-31-17
CIVIL
STATE OF CALIFORNIA

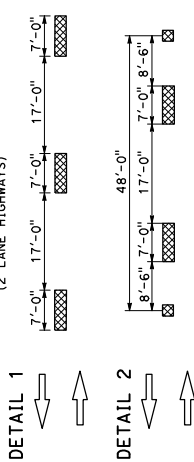
NO PASSING ZONES-TWO DIRECTION



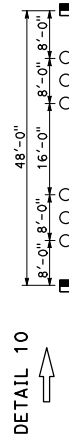
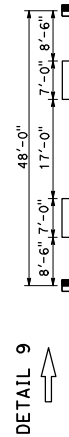
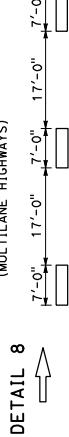
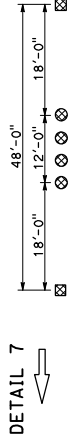
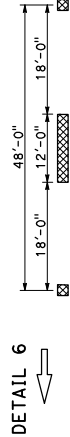
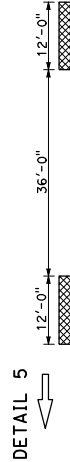
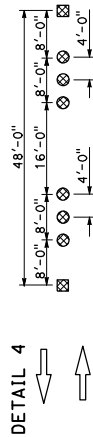
LANELINES (Cont)
(MULTILANE HIGHWAYS)



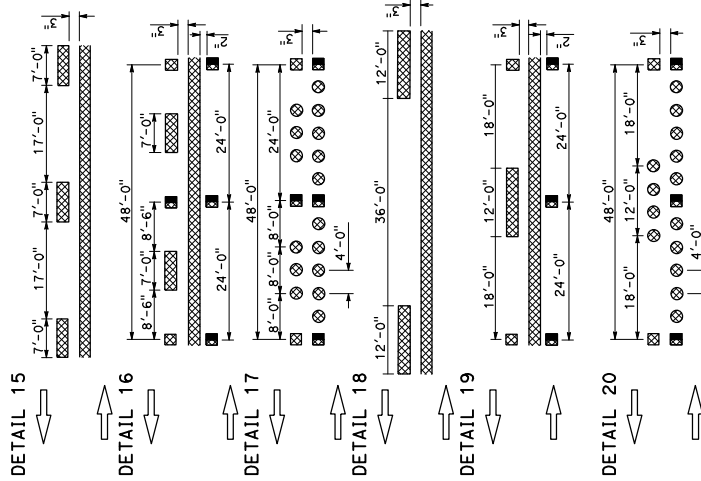
CENTERLINES
(2 LANE HIGHWAYS)



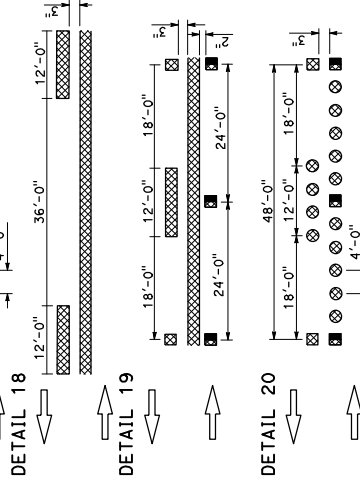
DETAIL 3 DELETED



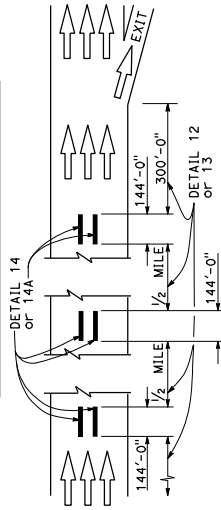
NO PASSING ZONES-ONE DIRECTION



LANELINES
(MULTILANE HIGHWAYS)

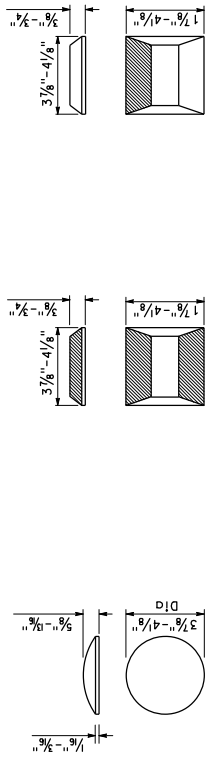


**TYPICAL LANE LINE DELINEATION
IN ADVANCE OF EXIT RAMP**



NOTE:
Detail 14 is to be used in combination with Detail 13. Detail 14A is to be used in combination with Detail 12.

MARKER DETAILS



TYPE A AND TYPE AY

TYPE C AND TYPE D

TYPE G AND TYPE H

RETROREFLECTIVE FACE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKERS
AND TRAFFIC LINES
TYPICAL DETAILS**

NO SCALE

A20A

DI-61	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

October 30, 2015
 REGISTERED CIVIL ENGINEER
 REGISTERED CIVIL ENGINEER
 THE STATE OF CALIFORNIA HAS ISSUED THIS CERTIFICATE OF REGISTRATION TO THE ABOVE NAMED ENGINEER. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE FOUND IN THIS PLAN SHEET.

LEGEND

MARKERS

- TYPE AY YELLOW
- TYPE D TWO-WAY YELLOW RETROREFLECTIVE
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE

LINES

- 4" WHITE
- 4" YELLOW
- NON-REFLECTIVE
- RETROREFLECTIVE

MEDIAN ISLANDS

INTERSECTION TREATMENTS

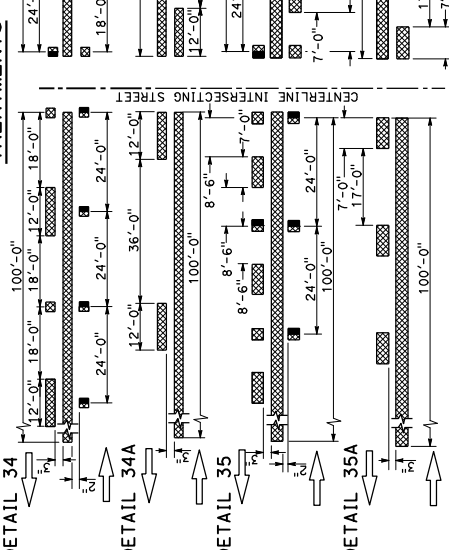
MARKER DETAILS

RIGHT EDGELINES

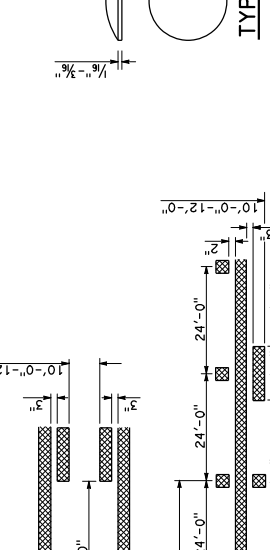
LEFT EDGELINES

INTERSECTIONS

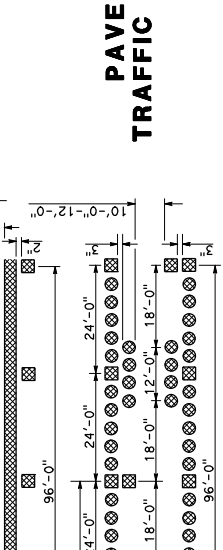
INTERSECTION TREATMENTS



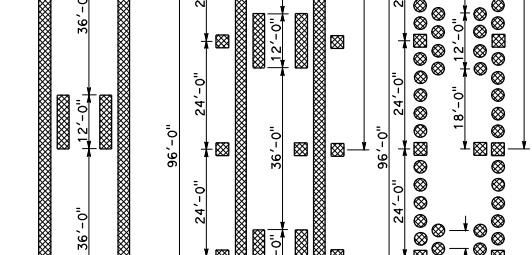
MARKER DETAILS



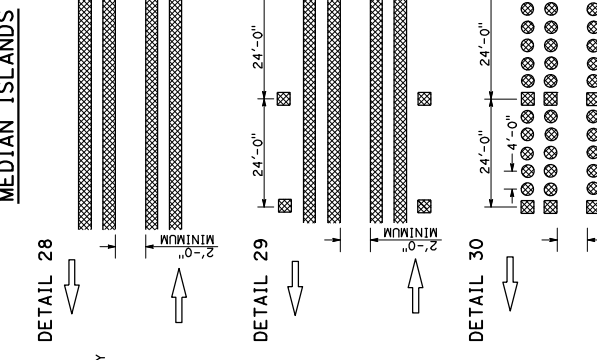
RIGHT EDGELINE EXTENSION THROUGH INTERSECTIONS



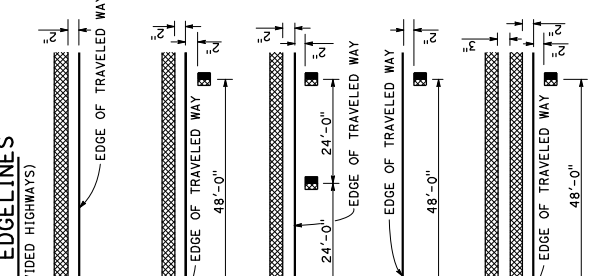
TWO-WAY LEFT TURN LANES



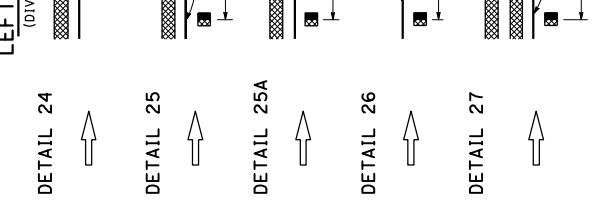
LEFT EDGELINES (DIVIDED HIGHWAYS)



RIGHT EDGELINES

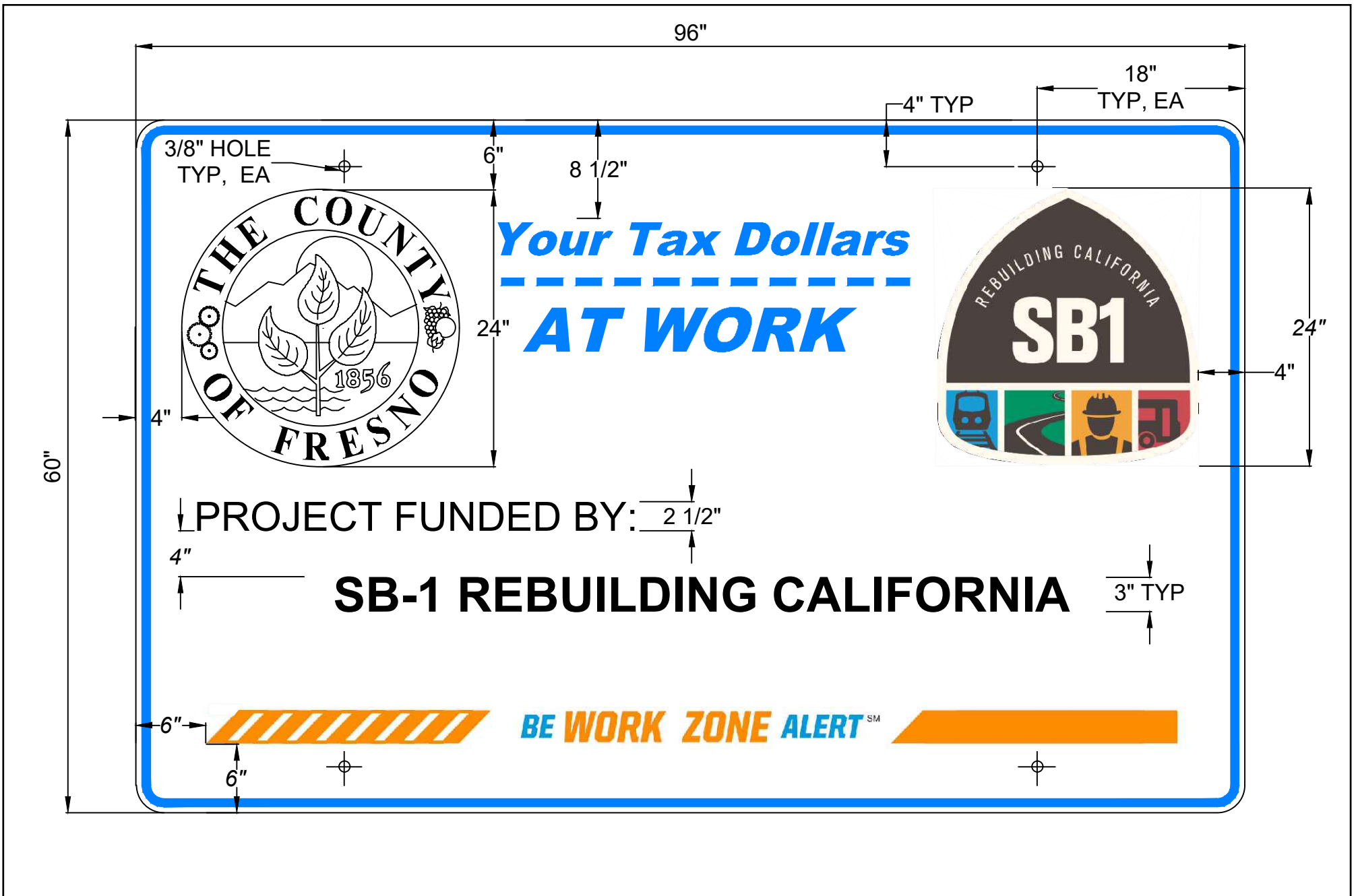


INTERSECTIONS



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS
 NO SCALE

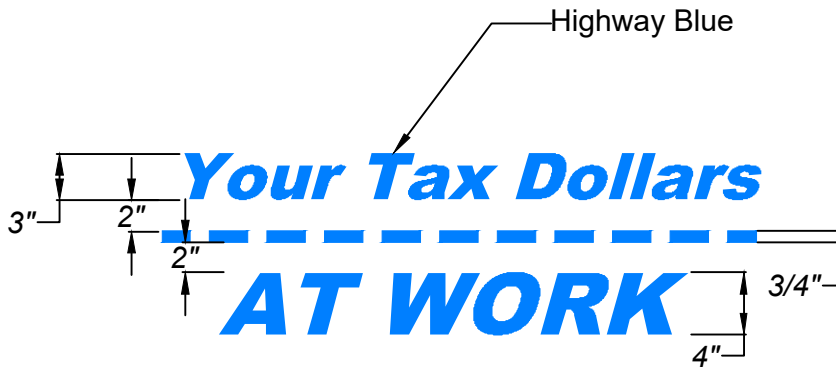
A20B



	DATE:	SCALE: NONE		DEPARTMENT OF PUBLIC WORKS AND PLANNING
DESIGNED: J.H.				CONSTRUCTION PROJECT FUNDING SIGN
DRAWN: S.P.				
CHECKED: N/A				

NOTES:

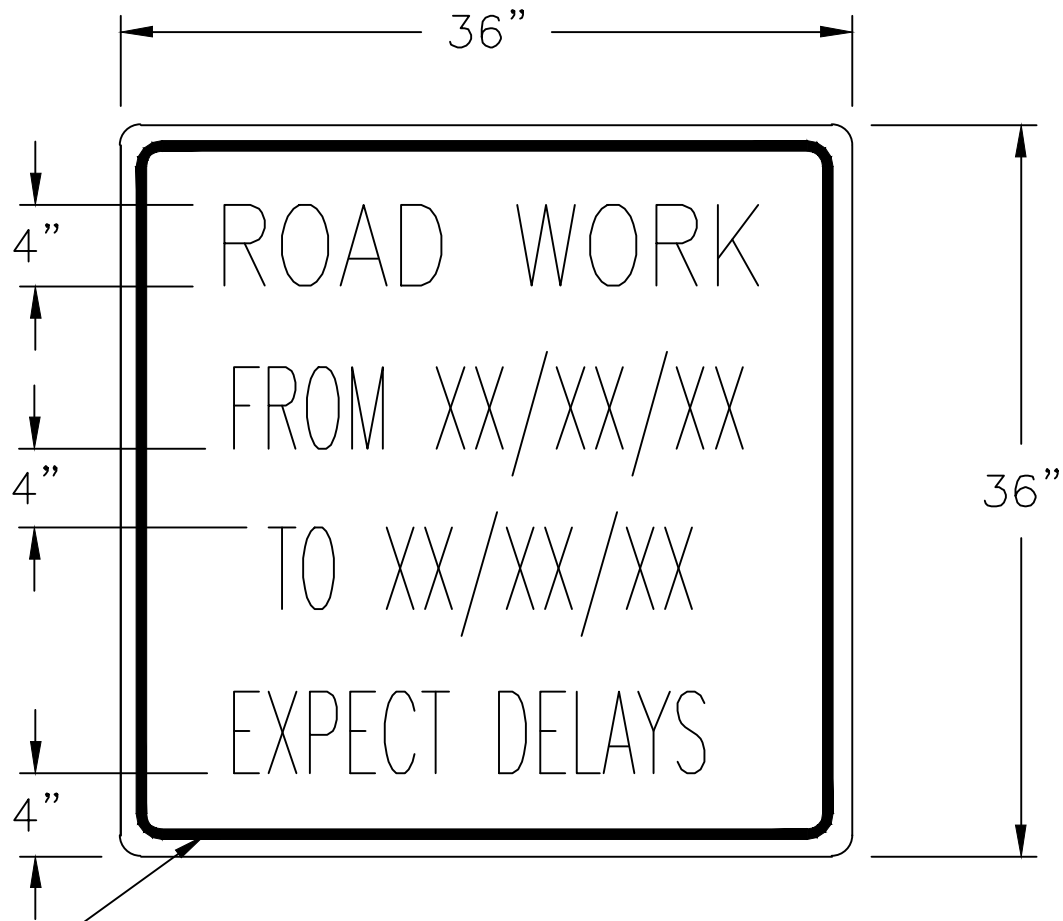
1. THE LEGEND OF SIGN SHALL BE BLACK ON A WHITE BACKGROUND (NON-REFLECTIVE)
2. THE BORDER OF THE SIGN SHALL BE BLUE (NON-REFLECTIVE)
3. PROJECT FUNDING SIGNS SHALL CONFORM TO SECTION 82 OF THE 2015 CALTRANS STANDARD SPECIFICATIONS
4. THE LINES INDICATING FUNDING SOURCES SHALL BE ON SEPARATE REMOVABLE PLATES WITH 1/4" HOLE AT EACH END OF PLATE FOR MOUNTING.



Standard County Seal


The Department's Design Division will provide an adhesive backed copy to be located as shown on the drawing.

	DATE:	SCALE: NONE		DEPARTMENT OF PUBLIC WORKS AND PLANNING
DESIGNED: J.H.				CONSTRUCTION PROJECT FUNDING SIGN
DRAWN: S.P.				
CHECKED: N/A				



BLACK

1. LETTERS SHALL BE BLACK, STYLE SHALL BE HIGHWAY "B"
2. BACKGROUND SHALL BE ORANGE
3. SIGN PANEL SHALL CONFORM TO SECTION 12 OF THE STATE STANDARD SPECIFICATIONS

	DATE:	SCALE: NONE		DEPARTMENT OF PUBLIC WORKS AND PLANNING
DESIGNED: K.X.	08/24			2024-25 ROAD PRESERVATION TREATMENT
DRAWN: K.X.	08/24			ADVANCE NOTIFICATION SIGN
CHECK: N/A				TYPICAL DETAILS

ENCROACHMENT PERMIT

DOT TR-0120 (REV 05/2023)

Permit No. 06-24-N-TK-0131	
Dist/Co/Rte/PM 06/FRE/ALL/VAR	
In compliance with your application of <u>February 13, 2024</u>	
Permit Approval Date February 21, 2024	
Reference Documents:	Performance Bond Amount (1) Payment Bond Amount (2)
<input type="checkbox"/> Utility Notice No. _____ of _____	\$0 \$0
<input type="checkbox"/> Agreement No. _____ of _____	Bond Company
<input type="checkbox"/> R/W Contract No. _____ of _____	\$ N/A
<input type="checkbox"/> Project code (ID): _____ CFC #: _____	Bond Number (1) Bond Number (2)
<input type="checkbox"/> Applicant's Reference/ Utility Work Order No. _____	\$ N/A \$ N/A

TO: COUNTY OF FRESNO, Public Work and Planning
2220 TULARE STREET, SUITE 411
FRESNO CA 93721
C/O James Garcia
Phone 559-600-4243

, PERMITTEE

and subject to the following, PERMISSION IS HEREBY GRANTED to:

enter upon State Highway Right of Way (ROW) on all State Highways in Fresno County within the limits of District 06 boundaries on various Post Miles (EXCLUDING FREEWAYS AND EXPRESSWAYS), to setup, install, maintain and remove traffic control devices in conjunction with road work on adjacent County Roads, to overlay the existing pavement and to seal coat up to State ROW, to setup and maintain barricades and signs that do not involve traffic control or work within six (6) feet of a traveled way, to setup and maintain traffic control devices in emergencies if requested by a local governmental agency.

Notification: Seven (7) working days prior to starting work or restarting of work under this Permit, Permittee shall notify Caltrans Inspector Ramiro Hernandez at (559)288-8553 in Fresno County (Except: I-5 - PM 0.0 to 29.96, SR33 - PM 0.0 to 29.00, SR145 - PM 0.0 to 13.21, SR198 - PM 0.0 to 42.73, and SR269 - PM 0.0 to 24.75). Melquiades Gonzalez Sanchez (559) 349-0456 in Fresno County (I-5 - PM 0.0 to 29.96, SR33 - PM 0.0 to 29.00, SR145 - PM 0.0 to 13.21, SR198 - PM 0.0 to 42.73, and SR269 - PM 0.0 to 24.75).

Notification of temporary lane/shoulder closures or traffic detours shall be emailed to D6Permit.LCS@dot.ca.gov WEEKLY* to the District-6 Encroachment Permits Office. Notification shall be made by Monday, 5:00 PM, the week prior to the proposed closure.

THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER.

The following attachments are also included as part of this permit (check applicable):	In addition to fee, the permittee will be billed actual costs for:
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO General Provisions	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Review
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Utility Maintenance Provisions	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Inspection
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Storm Water Special Provisions	<input checked="" type="checkbox"/> YES Field Work (if any Caltrans effort expended)
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Special Provisions	As-built Plans are Required
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO A Cal-OSHA Permit, if required: Permit No. _____	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO As-Built Plans Submittal Route Slip for Locally Advertised Projects	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Storm Water Pollution Protection Plan	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO The information in the environmental documentation has been reviewed and considered prior to approval of this permit.	

This permit is void unless the work is completed before March 31, 2025

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.

No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

CC: DO, RH, MG, and maintenance Attach: TR-0045, TR-0400, TR-0408, LCR, T9-14	APPROVED: Diana Gomez, District Director
Permit Engineer Mazen Natafji 559-289-0557 Assistant Permit Writer V Kolesnikov	BY <i>Mazen Natafji</i> Joe Espinosa, for District Permit Engineer

Notification of temporary lane/shoulder closures or traffic detours shall be emailed to D6Permit.LCS@dot.ca.gov WEEKLY* to the district-6 Encroachment Permits Office. Notification shall be made by Monday, 5:00 PM, the week prior to the proposed closure.

The Permittee's prime contractor shall maintain a copy of this Permit, and attachments on site while work is being performed in the State's ROW. Failure to present these documents to authorized State Representatives is grounds for suspension of this Permit.

Traffic Control and Lane/Shoulder Closure:

Except for installing, maintaining and removing traffic control devices, any work encroaching within three feet of the edge of a traveled way for areas with a posted speed limit below 45 mph, or six feet of the edge of a traveled way, for areas with a speed limit posted at 45 mph or higher, shall require closing of that lane. Any work encroaching within six feet of the edge of the shoulder, shall require closing of that shoulder. At no time will the width of an existing lane be reduced to less than 10 feet. All traffic control, signing and striping shall comply with latest edition Standard Plans T9-T14 Temporary Traffic Control. Permittee shall notify the Department's Representative, and obtain approval of, all traffic control, lane closures or detours, at least seven (7) working days prior to setting up of any traffic control.

Work requiring traffic control shall be conducted between 9:00 AM and 3:00 PM from Monday through Friday. The full width of the traveled way shall be opened for use by public traffic on designated legal holidays, after 3:00 p.m. on the day preceding designated legal holidays, and when construction operations are not actively in progress. Designated legal holidays are: January 1st, the third Monday in January, the third Monday in February, March 31st, the last Monday in May, July 4th, the first Monday in September, November 11th, Thanksgiving Day and the day after, and December 25th. When a designated holiday falls on a Sunday, the following Monday shall be a designated legal holiday. When November 11th falls on a Saturday, the preceding Friday shall be a designated legal holiday.

Notification of temporary lane/shoulder closures or traffic detours shall be faxed at [\(559\) 445-5100](tel:5594455100) or emailed to D6LCS@dot.ca.gov WEEKLY* to the District-6 Encroachment Permits Office. Notification shall be submitted for consideration, using the attached Closure Reporting Form (CRF) with Permit No. [0624-NTK-0131](#), referenced. Notification shall be made by Monday, 5:00 PM, the week prior to the proposed closure.

If the request is approved, you will receive the required Closure ID Numbers to be called in, on the date(s) of the closure, to the District TMC @ [\(559\)445-6166](tel:5594456166).

If the request is approved, you will receive the required Closure ID Numbers to be called in, on the date(s) of the closure, to the District TMC @ [\(559\)445-6166](tel:5594456166). The following CODES are to be used when reporting your intended closure status to TMC:

Use "1097" code, at the start of a lane, shoulder or ramp closure (dropping off the first cone).

Use "1098" code, after the lane, shoulder or ramp is open to traffic (picking up the last cone).

Use "1022" code, if cancelling an approved closure.

If the request is rejected, you may clarify, revise, and resubmit your request by consulting Caltrans Permit Inspector.

- The Permittee shall furnish all necessary safety devices and measures including Portable Changeable Message Signs (PCMS), flagmen and flashing Arrow Boards as required in item 14 of the attached General Provisions (TR-0045).

No Work Shall Be Undertaken On, Over or Near the Highway Traveled Ways or Shoulders During Inclement Weather Conditions (i. e. Fog, Rain, Etc.)

Signs: Installation of signs within the State ROW shall be consistent with latest edition Standard Specifications Section 56 SIGNS, and Standard Plans RS1 and RS2, roadside signs. Signs shall be placed so that they do not obstruct, and are not obstructed by, other Highway signs or driveways.

Access-Residential and Business: Unobstructed access shall be provided continuously to local residential and commercial driveways and other residential and commercial access points. Whenever necessary, trenches and excavations shall be bridged to permit an unobstructed flow of traffic. Steel plate bridging shall conform to the attached Steel Plate Provisions.

Steel Plate Bridging: Steel plates shall conform to the Encroachment Permit Steel Plate Bridging Provisions (TR-0157), and meet Caltrans minimum requirements such as thickness, dowels and coefficient of friction that equals or exceeds 0.35 if

used within state ROW. Permittee shall provide a certificate of compliance for all material used in the state ROW. The Caltrans inspector/representative shall have final discretion on whether plate requirements are being met by the Permittee.

Survey Monuments: In addition to the requirements of Section 5-1.36, Property and Facility Preservation of the latest edition Standard Specifications and Section 8771 of the Business and Professions Code, the Permittee shall physically inspect the work site and locate survey monuments prior to commencement of work. Monuments shall be referenced or reset in accordance with the requirements of the Business and Professions Code. If feasible, monuments should not be set within the traveled way.

All monuments that must be set or perpetuated in paved surfaces shall be constructed in accordance with Section 81, MONUMENTS, of the latest edition Standard Specification and Caltrans Standard Plan A74, Type D, or equal with prior approval of the District Surveys Engineer. Copies of Corners Record filed or Record of Surveys recorded in compliance with the Business and Professions Code shall be forwarded to the District Surveys Engineer.

Storm Water and Non-Storm Water Pollution: The Permittee shall control the movement of sediments and pollutants within or leaving the State's ROW. Water pollution control shall conform to Standard Specification Section 13 "Water Pollution Control", the Caltrans "Construction Site Best Management Practices (BMPs) Manual", and the Caltrans "Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual". The Manuals are available on the Internet at: www.dot.ca.gov/hq/construc/stormwater/manuals.htm

Permittee shall be responsible for the costs and any liability imposed by law as a result of the Permittee's failure to comply with the requirements set forth in this section, including, but not limited to, compliance with the applicable provisions of the referenced Manuals and Federal, State and local regulations. For the purposes of this paragraph, costs and liabilities, but are not limited, to fines, penalties and damages whether assessed against the State or Permittee, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act.

Utility Conflicts: It shall be the Permittee's responsibility to fully investigate the proposed work area for possible conflicts with existing utilities and facilities, including but not limited to sewers, electrical conductors, gas lines, water pipes and traffic signal facilities. The Permittee agrees to accept all liability for damages done to existing facilities caused by the work authorized by this Permit.

High & Low Risk Underground Facilities: No machine excavation may be made within four feet of High and Low Risk Underground facilities unless those have been located to within six inches both vertically and horizontally by hand digging. Location of underground facilities may only be accomplished by hand excavation after obtaining written permission from the underground facility owner. The Permittee shall provide the Caltrans Resident Engineer with copies of such permission. The owner of a high or low risk underground facility shall be responsible for determining the adequacy of the field location of the underground facility by the Permittee and the required clearances for machine excavation, or another requirement to expose, protect or relocate. The costs of such field location, exposure, protection or relocation shall be borne by Permittee. Special attention is directed to Section 5-1.36, Property and Facility Preservation, of the latest edition Standard Specifications. It shall be the Contractor's responsibility, pursuant thereto, to ascertain the location of those underground improvements or facilities which may be subject to damage by reason of the Contractor's operations.

Utility Relocations Required by Permittee's Installation: If existing public or private utilities conflict with the permitted work, Permittee will make necessary arrangements with the owners of such utilities for their protection, relocation or removal. Permittee shall inspect the protection, relocation or removal of such facilities. Total costs of such protection, relocation or removal which State or Permittee must legally pay, shall be borne by Permittee. If any protection, relocation, or removal of utilities is required, including determination of liability for cost, such work shall be performed in accordance with State policy and procedure. Permittee shall require any utility company performing relocation work in the State's right of way to obtain a State Encroachment Permit prior to the performance of said relocation work. Any relocated utilities shall be correctly located and identified on the as-built plans.

Conflict with State Contract: If this work comes in conflict with work in progress under State Construction contract and both operations cannot be accomplished at the same time, the State Construction Contract work shall take precedence. The State Contractor shall always have access to the work site.

Pipes, Conduit and Underground Facilities: Pipes, conduit and underground facilities within the State ROW shall be installed in accordance with the applicable portions of Caltrans Standard Specifications, latest edition, and the attached Caltrans Encroachment Permit Underground Utility Provisions, TR-0163 latest edition.

Earthwork: Earthwork within the State ROW Shall Comply with Sections 19-1 General, 19-2 Roadway Excavation, 19-3 Structure Excavation and Backfill, 19-5 Compaction and 19-6 Embankment Construction of Section 19 in latest edition Standard Specifications. At the end of each work day any excavation that leaves a drop off more than 0.15 feet in depth within 12 feet of the edge of pavement, shall be sloped at a maximum 4:1, backfilled or covered with a steel plate, with sufficient thickness to support legal truck traffic. Excavated materials shall be placed at locations to cause the least

amount of obstruction to traffic. Excavated material, not to be used for backfilling, shall be removed from the State's ROW at the end of each working period or as directed by the Caltrans Field Representative.

Damages: Any damages to private or public facilities shall be immediately reported to the Caltrans Inspector, and repaired or replaced to Caltrans Standards, and/or as requested by the facility owner, at the expense of the Permittee. The Permittee shall be responsible for locating and protecting all underground [UG] facilities that may be in the work areas. Before any excavation, the Permittee shall call USA [Underground Service Alert] at 1.800.227.2600.

Caltrans does not subscribe to USA, and USA does not locate Caltrans underground circuits. Permittee must request location and marking of Caltrans underground facilities by Caltrans prior to start of any excavation in State ROW. Refer to notification requirements on the first page of this Permit for information on how to contact the Caltrans underground locator.

Electrical Damage: Any damage to signal detection/lighting facilities shall be replaced in kind by a licensed electrician within 24 hours of damage or as directed by the Caltrans Representative. Splicing of damaged facilities will not be allowed.

Dust Control: The Permittee shall comply with Standard Specification Section 10, Dust Control.

Special Notices: Any work performed beyond the conditions listed herein, even if performed in conjunction with work authorized by this Permit, will require a separate Permit to cover the additional work, unless specifically authorized by the Caltrans Inspector or Engineer.

The Permittee or a contractor failing to comply with the provision herein shall be subject to removal from the Right of Way and shall be grounds for revocation of this permit and/or suspension from performing future work in the State Highway Right-of Way.

Indemnification of State: The Permittee is responsible for any and all incidents arising out of the exercise of this Permit, and will defend, indemnify and protect Caltrans against any and all claims of every type and description alleged to have resulted from the permitted activity.

Acceptance of Conditions: Beginning work on this Permit constitutes full agreement and acceptance of all conditions, terms and provisions contained herein, attached hereto, or incorporated by reference.

Notice of Completion: Immediately upon completion of the permitted work; described herein, the PERMITTEE shall fill out and mail the attached Notice of Completion card to: Fresno Permits Office, 1352 W. Olive Avenue, Fresno, CA 93728.

Complete ALL fields, write "N/A" if not applicable. Type or print clearly.
 This application is not complete until all requirements have been approved.

Permission is requested to encroach on the State Highway right-of-way as follows:

1. COUNTY Fresno			2. ROUTE Various	3. POST MILE Various
4. ADDRESS OR STREET NAME Various		5. CITY Various		
6. CROSS STREET (Distance and direction from project site) Various				
7. WORK TO BE PERFORMED BY <input checked="" type="checkbox"/> APPLICANT <input type="checkbox"/> CONTRACTOR			8. IS THIS APPLICATION FOR A RIDER? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES. If "YES", provide the Parent Permit Number	
9. ESTIMATE START DATE March 31, 2024		10. ESTIMATED COMPLETION DATE March 20, 2025		
11. ESTIMATED NUMBER OF WORKING DAYS WITHIN STATE HIGHWAY RIGHT-OF-WAY N/A				
12. ESTIMATED CONSTRUCTION COSTS WITHIN STATE HIGHWAY RIGHT-OF-WAY N/A				
13. HAS THE PROJECT BEEN REVIEWED BY ANOTHER CALTRANS BRANCH? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES. If "YES", which branch?				
14. FUNDING SOURCE(S) <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input checked="" type="checkbox"/> LOCAL <input type="checkbox"/> PRIVATE <input type="checkbox"/> SB 1 (ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017)				
15. CALTRANS PROJECT CODE (ID) N/A			16. APPLICANT'S REFERENCE / UTILITY WORK ORDER NUMBER N/A	

FOR CALTRANS USE	
TRACKING NO.	0624-NTK-0131
DIST/CO/RTE/PM	06/FRE/ALL/VAR
SIMPLEX STAMP	
DATE OF SIMPLEX STAMP 02/12/2024	

17. DESCRIBE WORK TO BE DONE WITHIN STATE HIGHWAY RIGHT-OF-WAY (in 20 lines or less)
 Attach 6 complete sets of plans (folded to 8.5" x 11") and any applicable specifications, calculations, maps, traffic control plans, etc.
 Attach 6 complete sets of plans (folded to 8.5" x 11") and any applicable specifications, calculations, maps, traffic control plans, etc. Enter upon State Highway right-of-way on all State Highways in Fresno County within the limits of District 6 boundaries on various routes and at various post miles (excluding Freeways and Expressways), to setup, install, maintain, and remove traffic control devices in conjunction with work on adjacent County Roads, to overlay paving and to seal coat up to State right-of-way, to setup and maintain barricades and signs that do not involve traffic control or work within six (6) feet of a traveled way, to setup and maintain traffic control devices in emergencies if requested by a local governmental agency or utility company.

18 (a). PORTION OF STATE HIGHWAY RIGHT-OF-WAY WHERE WORK IS BEING PROPOSED (check all that apply)

Traffic lane Shoulder Sidewalk Median At or near an intersection Mobile work

Outside of the shoulder, _____ feet from edge of pavement Other _____

18 (b). PROPOSED TRAFFIC CONTROL PLANS AND METHOD

No traffic control needed State Standard Plans (T-Sheets) # _____

Project specific Traffic Control Plans included To be submitted by contractor

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19. EXCAVATION	MAX. DEPTH (in) N/A	MIN. DEPTH (in) N/A	AVG. WIDTH (in) N/A	LENGTH (ft) N/A	SURFACE TYPE (e.g. Asphalt, concrete, soil, etc.) N/A
20. PIPES	PRODUCT BEING TRANSPORTED N/A	CARRIER PIPE DIAMETER N/A (in.) MATERIAL N/A			CASING PIPE DIAMETER N/A (in.) MATERIAL N/A
PROPOSED INSTALLATION METHOD (e.g. HDD, Bore & Jack, Open Cut, etc.) N/A					VOLTAGE / PSIG N/A

DOES THE PROPOSED PROJECT INVOLVE THE REPLACEMENT AND/OR ABANDONMENT OF AN EXISTING FACILITY?
 NO YES. If "YES", provide a description

21. IS A CITY, COUNTY OR OTHER PUBLIC AGENCY INVOLVED IN THE APPROVAL OF THIS PROJECT?
 YES (if "YES", check the type of project AND attach the environmental documentation and conditions of approval)

- COMMERCIAL DEVELOPMENT BUILDING GRADING OTHER Traffic controls signs only
- CATEGORICALLY EXEMPT NEGATIVE DECLARATION ENVIRONMENTAL IMPACT REPORT OTHER _____
- NO (if "NO", check the category below which best describes the project AND answer questions A-K)
 - DRIVEWAY OR ROAD APPROACH, RECONSTRUCTION, MAINTENANCE OR RESURFACING
 - PUBLIC UTILITY MODIFICATION, EXTENSIONS, HOOKUPS
 - FLAGS, SIGNS, BANNERS, DECORATIONS, PARADES AND CELEBRATIONS
 - FENCE EROSION CONTROL
 - MAILBOX LANDSCAPING
 - OTHER _____

The following questions must be answered when a City, County or other public agency IS NOT involved in the approval of this project.

Your answers to these questions will assist Caltrans staff in identifying any physical, biological, social or economic resources that may be affected by your proposed project within State Highway right-of-way and to determine which type of environmental studies may be required to approve your application for an encroachment permit. It is the applicant's responsibility for the production of all required environmental documentation and supporting studies and in some cases this may be costly and time consuming. If possible, attach photographs of the location of the proposed project. Answer these questions to the best of your ability. Provide a description of any "YES" answers (type, name, number, etc.).

- A. Will any existing vegetation and/or landscaping within State Highway right-of-way be disturbed?
- B. Are there waterways (e.g. river, creek, pond, natural pool or dry streambed) adjacent to or within the limits of the proposed project?
- C. Is the proposed project located within five miles of the coast line?
- D. Will the proposed project generate construction noise levels greater than 86 decibels (dBA) (e.g. Jack-hammering, pile driving)?
- E. Will the proposed project incorporate land from a public park, recreation area or wildlife refuge open to the public?
- F. Are there any recreational trails or paths within the limits of the proposed project?
- G. Will the proposed project impact any structures, buildings, rail lines or bridges within State Highway right-of-way?
- H. Will the proposed project impact access to any businesses or residences?
- I. Will the proposed project impact any existing public utilities or public services?
- J. Will the proposed project impact any existing pedestrian facilities, such as sidewalks, crosswalks or overcrossings?
- K. Will new lighting be constructed within or adjacent to State Highway right-of-way?

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22. Will the proposed project cause a substantial change in the significance of a historical resource (45 years or older), or cultural resource? YES NO (if "YES", provide a description)
-
23. Will the proposed project be on an existing State Highway or street where the activity involves removal of a scenic resource? (e.g. A significant tree or stand of trees, a rock outcropping or a historic building) YES NO (if "YES", provide a description)
-
24. Is work being done on the applicant's property in addition to State Highway right-of-way? YES NO
(If "YES", attach 6 complete sets of site and grading plans)
-
25. Will the proposed project require the disturbance of soil? YES NO
If "YES", estimate the area of disturbed soil within State Highway right-of-way in acres: _____
and estimate the area of disturbed soil outside State Highway right-of-way in acres: _____
-
26. Will the proposed project require dewatering? YES NO
If "YES", estimate Total gallons AND gallons/month. _____ (Total gallons) AND _____ (gallons/month)
SOURCE*: STORMWATER NON-STORMWATER
(*See Caltrans SWMP for definition of non-storm water discharge:
<https://www.dot.ca.gov/programs/environmental-analysis/stormwater-management-program>)
-
27. How will any storm water or ground water be disposed?
 Storm Drain System Combined Sewer / Stormwater System Stormwater Retention Basin N/A
 Other (explain) _____

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READ THE FOLLOWING CLAUSES PRIOR TO SIGNING THIS ENCROACHMENT PERMIT APPLICATION.

The applicant's submission of this application to the California Department of Transportation constitutes the applicant's agreement and representation that the work or other activity contemplated by the encroachment permit application shall comply with all applicable standards, specifications, policies, requirements, conditions, and regulations of the California Department of Transportation, and the applicant understands the application may be denied if there is non-compliance with any of the above. An exception process exists and may result in approval of a non-compliant encroachment, in the discretion of the California Department of Transportation, but the exception process may require additional time to complete. The applicant understands and agrees all work or other activity contemplated by the encroachment permit application is subject to inspection and oversight by the California Department of Transportation. The applicant understands and agrees encroachment permit fees must still be paid if an application is withdrawn or denied. The applicant understands a denial may be appealed, in accordance with California Streets and Highways Code, Section 671.5, and the related regulations found in California Code of Regulations, Title 21, Division 2, Chapter 8, Article 2.

The applicant understands and agrees that immediately upon issuance of the encroachment permit the applicant is bound by, subject to, and must comply with the "Encroachment Permit General Provisions" (TR-0045), "Stormwater Special Provisions" (TR-0400) and any other applicable Special Provisions and Conditions of the encroachment permit. The "Encroachment Permit General Provisions" (TR-0045), and the Stormwater Special Provisions (TR-0400) are available at: <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/appendix-k-ada-a11y.pdf>. If a paper copy is needed of the "Encroachment Permit General Provisions" (TR-0045) and/or "Stormwater Special Provisions" (TR-0400), please contact the District Office of Encroachment Permits. Their contact information is available at: <https://dot.ca.gov/programs/traffic-operations/ep/district-contacts>. The "Encroachment Permit General Provisions" (TR-0045) and any other applicable Special Provisions and Conditions will be provided as part of the encroachment permit. Information about Stormwater requirements is available at the Internet address: <https://dot.ca.gov/programs/environmental-analysis/stormwater-management-program>.

The applicant understands an encroachment permit may be denied, revoked, and/or a bond may be required, for non-payment of prior or present encroachment permit fees. An encroachment permit is not a property right and does not transfer with the property to a new owner.

Each of the persons purporting to execute this application on behalf of the applicant and/or on behalf of the applicant's authorized agent or engineer represents and warrants such person has full and complete legal authority to do so and to thereby bind applicant to the terms and conditions herein and to the terms and/or conditions of the encroachment permit. Applicant understands and agrees this application may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Executed copies of this application and/or its counterparts may be reproduced and/or exchanged by copy machine, mailing, facsimile, or electronic means (such as e-mail), and such copies shall be deemed to be effective as originals.

28. NAME OF APPLICANT (Project or Property Owner or Organization) County of Fresno Public Works and Planning		
ADDRESS OF APPLICANT (Include City, State and Zip Code) 2220 Tulare Street, 10th Floor, Fresno CA 93721		
E-MAIL ADDRESS rdmaint@fresnocountyca.gov	PHONE NUMBER 559-600-4240	FAX NUMBER N/A
29. NAME OF AUTHORIZED AGENT / ENGINEER (A "Letter of Authorization" is required if different from #28) James Garcia		IS A LETTER OF AUTHORIZATION ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
ADDRESS OF AUTHORIZED AGENT / ENGINEER (Include City, State and Zip Code) 2220 Tulare Street, 10th Floor, Fresno CA 93721		
E-MAIL ADDRESS jjgarcia@fresnocountyca.gov	PHONE NUMBER (559) 600-4243	FAX NUMBER N/A
30. NAME OF BILLING CONTACT (Same as #28 <input checked="" type="checkbox"/> Same as #29 <input type="checkbox"/>)		
BILLING ADDRESS WHERE INVOICE(S) IS / ARE TO BE MAILED (Include City, State and Zip Code)		
E-MAIL ADDRESS	PHONE NUMBER	FAX NUMBER
* I hereby certify under penalty of perjury under the laws of the State of California that the information in this application and any document submitted with or in support of this application are true and correct to the best of my knowledge and belief, and that copies of any documents submitted with or in support of this application are true and correct copies of unaltered original documents. I further understand that if I have provided information that is false, intentionally incomplete, or misleading I may be charged with a crime and subjected to fine or imprisonment, or both fine and imprisonment. (Penal Code Section 72)		
31. SIGNATURE OF APPLICANT OR AUTHORIZED AGENT* James Garcia <small>Digitally signed by James Garcia Date: 2024.02.08 06:57:08 -08'00'</small>	32. PRINT OR TYPE NAME James Garcia	
33. TITLE Division Manager	34. DATE 02/08/2024	

ENCROACHMENT PERMIT GENERAL PROVISIONS

TR-0045 (REV. 12/2022)

1. **AUTHORITY:** The California Department of Transportation ("Department") has authority to issue encroachment permits under Division 1, Chapter 3, Article 1, Sections 660 through 734 of the Streets and Highways Code.
2. **REVOCAION:** Encroachment permits are revocable on five (5) business days' notice unless otherwise stated on the permit or otherwise provided by law, and except as provided by law for public corporations, franchise holders, and utilities. Notwithstanding the foregoing, in an emergency situation as determined by the Department, an encroachment permit may be revoked immediately. These General Provisions and any applicable Special Provisions are subject to modification or abrogation by the Department at any time. Permittees' joint use agreements, franchise rights, reserved rights or any other agreements for operating purposes in State of California ("State") highway right-of-way may be exceptions to this revocation.
3. **DENIAL FOR NONPAYMENT OF FEES:** Failure to pay encroachment permit fees when due may result in rejection of future applications, denial of encroachment permits, and revocation of the encroachment permit if already issued.
4. **PERMITTEE AUTHORIZATION FOR OTHERS TO PERFORM WORK:** This encroachment permit allows only the Permittee and/or Permittee's authorized contractor or agent to work within or encroach upon the State highway right-of-way, and the Permittee may not assign or transfer this encroachment permit. Any attempt to assign or transfer this encroachment permit shall be null and void. Permittee shall provide to the Department a list of Permittee's authorized contractors/agents, in the form and at the time specified by the Department but if no time is specified then no later than the pre-construction meeting. Permittee shall keep the list current and shall provide updates to the Department immediately upon any change to the list of authorized contractors/agents, including but not limited the addition, removal, or substitution of an authorized contractor/agent, or a new address or contact information for an existing authorized contractor/agent. Permittee is responsible for the acts and/or omissions of any person or entity acting on behalf of the Permittee, even if such person or entity is not included on Permittee's list of authorized contractors and/or agents.
5. **ACCEPTANCE OF PROVISIONS:** Permittee, and the Permittee's authorized contractors and/or agents, understand and agree to accept and comply with these General Provisions, the Special Provisions, any and all terms and/or conditions contained in or incorporated into the encroachment permit, and all attachments to the encroachment permit (collectively "the Permit Conditions"), for any encroachment, work, and/or activity to be performed under this encroachment permit and/or under color of authority of this encroachment permit. Permittee understands and agrees the Permit Conditions are applicable to and enforceable against Permittee as long as the encroachment remains in, under, or over any part of the State highway right-of-way. **The Permittee's authorized contractors and/or agents, are also bound by the Permit Conditions. Non-compliance with the Permit Conditions by the Permittee's authorized contractor and/or agent will be deemed non-compliance by the Permittee.**
6. **BEGINNING OF WORK:** When traffic is not impacted (see General Provision Number 35), the Permittee must notify the Department's representative two (2) business days before starting permitted work. Permittee must notify the Department's representative if the work is to be interrupted for a period of five (5) business days or more, unless otherwise agreed upon. All work must be performed on weekdays during regular work hours, excluding holidays, unless otherwise specified in this encroachment permit.
7. **STANDARDS OF CONSTRUCTION:** All work performed within State highway right-of-way must conform to all applicable Departmental construction standards including but not limited to: Standard Specifications, Standard Plans, Project Development Procedures Manual, Highway Design Manual and Special Provisions.
Other than as expressly provided by these General Provisions, the Special Provisions, the Standard Specifications, Standard Plans, and other applicable Departmental standards, nothing in these General Provisions is intended to give any third party any legal or equitable right, remedy, or claim with respect to the encroachment permit and/or to these General Provisions or any provision herein. These General Provisions are for the sole and exclusive benefit of the Permittee and the Department.
Where reference is made in such standards to "Contractor" and "Engineer," these are amended to be read as "Permittee" and "Department's representative," respectively, for purposes of this encroachment permit.
8. **PLAN CHANGES:** Deviations from plans, specifications, and/or the Permit Conditions as defined in General Provision Number 5 are not allowed without prior approval from the Department's representative and the Federal Highway Administration ("FHWA") representative if applicable.
9. **RIGHT OF ENTRY, INSPECTION AND APPROVAL:** All work is subject to monitoring and inspection. The United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, and other state, and federal agencies, and the FHWA, through their agents or representatives, must have full access to highway

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facilities/encroachment area, at any and all times for the purpose of inspection, maintenance, activities needed for construction/reconstruction, and operation of the State highway right-of-way.

Upon completion of work, Permittee must request a final inspection for acceptance and approval by the Department. The local public agency Permittee must not give final construction approval to its contractor until final acceptance and approval by the Department is obtained.

10. **PERMIT AT WORKSITE:** Permittee and Permittee's authorized contractors/agents must keep the permit package and current list of authorized contractors/agents, or copies thereof, at the work site at all times and must show such documents upon request to any Department representative or law enforcement officer. If the permit package or current list of authorized contractors/agents, or copies thereof, are not kept and made available at the work site at all times, then all work must be suspended.
11. **CONFLICTING ENCROACHMENTS:** Permittee must yield start of work to ongoing, prior authorized work adjacent to or within the limits of the Permittee's project site. When existing encroachments conflict with Permittee's work, the Permittee must bear all cost for rearrangements (e.g., relocation, alteration, removal, etc.).
12. **PERMITS, APPROVALS, AND CONCURRENCES FROM OTHER AGENCIES AND/OR ENTITIES:** This encroachment permit is invalidated if the Permittee has not obtained all permits, approvals, and concurrences necessary and required by law, including but not limited to those from the California Public Utilities Commission ("CPUC"), California Occupational Safety and Health Administration ("Cal-OSHA"), local and state and federal environmental agencies, the California Coastal Commission, and any other public agency and/or entity having jurisdiction. Permittee is responsible for providing notice of the encroachment to, and obtaining concurrence from, any person or entity (whether public or private) affected by the scope of work described in the encroachment permit, regardless of whether such notice or concurrence is required by law; the Department is not responsible to provide such notice or obtain such concurrence. Permittee warrants all such permits, approvals, and concurrences have been obtained before beginning work under this encroachment permit. The Department may, at the Department's discretion, require the Permittee to demonstrate that Permittee has obtained all such permits, approvals, and concurrences, and Permittee shall demonstrate this at the time and in the manner specified by the Department.
13. **PEDESTRIAN AND BICYCLIST SAFETY:** A safe continuous passageway must be maintained through the work area at existing pedestrian or bicycle facilities. At no time must pedestrians be diverted onto a portion of the street used for vehicular traffic. At locations where safe alternate passageways cannot be provided, appropriate signs and barricades must be installed at the limits of construction and in advance of the limits of construction at the nearest crosswalk or intersection to detour pedestrians to facilities across the street. Attention is directed to Section 7-1.04 "Public Safety," and to Section 12-4.04 "Temporary Pedestrian Access Routes," and to Section 16-2.02 "Temporary Pedestrian Facility," of the Department's Standard Specifications, and to California Vehicle Code section 21760, subdivision (c).
14. **PUBLIC TRAFFIC CONTROL:** The Permittee must provide traffic control protection, warning signs, lights, safety devices, etc., and take all other measures necessary for the traveling public's safety as required by law and/or the Department. While providing traffic control, the needs of all road users, including but not limited to motorists, bicyclists and pedestrians, including persons with disabilities in accordance with the Americans with Disabilities Act, must be an essential part of the work activity.
Lane, Bike Lane, Sidewalk, Crosswalk, and/or shoulder closures must comply with the Department's Standard Specifications and Standard Plans for Temporary Traffic Control Systems & Temporary Pedestrian Access Routes, and with the applicable Special Provisions. Where issues are not addressed in the Standard Specifications, Standard Plans, and/or Special Provisions, the California Manual on Uniform Traffic Control Devices (Part 6, Temporary Traffic Control) must be followed.
15. **MINIMUM INTERFERENCE WITH TRAFFIC:** Permittee must plan and conduct work so as to create the least possible inconvenience to the traveling public (motorized vehicles, unmotorized vehicles such as bicycles, pedestrians, person(s) with disabilities, etc.), such that traffic is not unreasonably delayed.
16. **STORAGE OF EQUIPMENT AND MATERIALS:** The storage of equipment or materials is not allowed within State highway right-of-way, unless specified within the Special Provisions of this encroachment permit. If encroachment permit Special Provisions allow for the storage of equipment or materials within the State highway right-of-way, the equipment and material storage must also comply with Section 7-1.04, Public Safety, of the Department's Standard Specifications.
17. **CARE OF DRAINAGE:** Permittee must provide alternate drainage for any work interfering with an existing drainage facility in compliance with the Department's Standard Specifications, Standard Plans, and/or as directed by the Department's representative.
18. **RESTORATION AND REPAIRS IN STATE HIGHWAY RIGHT-OF-WAY:** Permittee is responsible for restoration and repair of State highway right-of-way resulting from permitted work (Streets and Highways Code, section 670 et seq.).
19. **STATE HIGHWAY RIGHT-OF-WAY CLEAN UP:** Upon completion of work, Permittee must remove and dispose of all scraps, refuse, brush, timber, materials, etc. off the State highway right-of-way. The aesthetics of the highway must be as it was before work started or better.
20. **COST OF WORK:** Unless stated otherwise in the encroachment permit or a separate written agreement with the Department, the Permittee must bear all costs

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- incurred for work within the State highway right-of-way and waives all claims for indemnification or contribution from the United States, the State, the Department, and from the Directors, officers, and employees of the State and/or the Department. Removal of Permittee's personal property and improvements shall be at no cost to the United States, the State, and the Department.
21. **ACTUAL COST BILLING:** When specified in the permit, the Department will bill the Permittee actual costs at the currently set Standard Hourly Rate for encroachment permits.
22. **AS-BUILT PLANS:** When required, Permittee must submit one (1) set of folded as-built plans within thirty (30) calendar days after completion and acceptance of work in compliance with requirements listed as follows:
- Upon completion of the work provided herein, the Permittee must submit a paper set of As-Built plans to the Department's representative.
 - All changes in the work will be shown on the plans, as issued with the permit, including changes approved by Encroachment Permit Rider.
 - The plans are to be prominently stamped or otherwise noted "AS-BUILT" by the Permittee's representative who was responsible for overseeing the work. Any original plan that was approved with a Department stamp, or by signature of the Department's representative, must be used for producing the As-Built plans.
 - If construction plans include signing or striping, the dates of signing or striping removal, relocation, or installation must be shown on the As-Built plans when required as a condition of the encroachment permit. When the construction plans show signing and striping for staged construction on separate sheets, the sheet for each stage must show the removal, relocation, and installation dates of the appropriate staged striping and signing.
 - As-Built plans must contain the Encroachment Permit Number, County, Route, and Post Mile on each sheet.
 - The As-Built Plans must not include a disclaimer statement of any kind that differs from the obligations and protections provided by sections 6735 through 6735.6 of the California Business and Professions Code. Such statements constitute non-compliance with Encroachment Permit requirements and may result in the Department retaining Performance Bonds or deposits until proper plans are submitted. Failure to comply may also result in denial of future encroachment permits or a provision requiring a public agency to supply additional bonding.
23. **PERMITS FOR RECORD PURPOSES ONLY:** When work in the State highway right-of-way is within an area under a Joint Use Agreement (JUA) or a Consent to Common Use Agreement (CCUA), a fee exempt encroachment permit is issued to the Permittee for the purpose of providing a notice and record of work. The Permittee's prior rights must be preserved without the intention of creating new or different rights or obligations.
- "Notice and Record Purposes Only" must be stamped across the face of the encroachment permit.
24. **BONDING:** The Permittee must file bond(s), in advance, in the amount(s) set by the Department and using forms acceptable to the Department. The bonds must name the Department as obligee. Failure to maintain bond(s) in full force and effect will result in the Department stopping all work under this encroachment permit and possibly revoking other encroachment permit(s). Bonds are not required of public corporations or privately-owned utilities unless Permittee failed to comply with the provisions and/or conditions of a prior encroachment permit. The surety company is responsible for any latent defects as provided in California Code of Civil Procedure section 337.15. A local public agency Permittee also must comply with the following requirements:
- In recognition that project construction work done on State property will not be directly funded and paid by State, for the purpose of protecting stop notice claimants and the interests of State relative to successful project completion, the local public agency Permittee agrees to require the construction contractor to furnish both a payment and performance bond in the local public agency's name with both bonds complying with the requirements set forth in Section 3-1.05 Contract Bonds of the Department's Standard Specifications before performing any project construction work.
 - The local public agency Permittee must defend, indemnify, and hold harmless the United States, the State and the Department, and the Directors, officers, and employees of the State and/or Department, from all project construction related claims by contractors, subcontractors, and suppliers, and from all stop notice and/or mechanic's lien claimants. The local public agency also agrees to remedy, in a timely manner and to the Department's satisfaction, any latent defects occurring as a result of the project construction work.
25. **FUTURE MOVING OF INSTALLATIONS:** Permittee understands and agrees to relocate a permitted installation upon notice by the Department. Unless under prior property right or agreement, the Permittee must comply with said notice at the Permittee's sole expense.
26. **ENVIRONMENTAL:**
- ARCHAEOLOGICAL/HISTORICAL:** If any archaeological or historical resources are identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified archaeologist who must evaluate the site at Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.
 - HAZARDOUS MATERIALS:** If any hazardous waste or materials (such as underground storage tanks, asbestos pipes, contaminated soil, etc.) are identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified hazardous

waste/material specialist who must evaluate the site at the Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.

Attention is directed to potential aerially deposited lead (ADL) presence in unpaved areas along highways. It is the Permittee's responsibility to take all appropriate measures to protect workers in conformance with California Code of Regulations Title 8, Section 1532.1, "Lead," and with Cal-OSHA Construction Safety Orders, and to ensure roadway soil management is in compliance with Department of Toxic Substances Control (DTSC) requirements.

- c) **BIOLOGICAL:** If any regional, state, or federally listed biological resource is identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified biologist who must evaluate the site at Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.
27. **PREVAILING WAGES:** Work performed by or under an encroachment permit may require Permittee's contractors and subcontractors to pay appropriate prevailing wages as set by the California Department of Industrial Relations. Inquiries or requests for interpretations relative to enforcement of prevailing wage requirements must be directed to the California Department of Industrial Relations.
28. **LIABILITY, DEFENSE, AND INDEMNITY:** The Permittee agrees to indemnify and save harmless the United States, the State, the Department, and the Directors, officers, employees, agents and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind, and description, including but not limited to those brought for or on account of property damage, invasion of privacy, violation or deprivation of a right under a state or federal law, environmental damage or penalty, or injury to or death of any person including but not limited to members of the public, the Permittee, persons employed by the Permittee, and/or persons acting on behalf of the Permittee, arising out of or in connection with: (a) the issuance and/or use of this encroachment permit; and/or (b) the encroachment, work, and/or activity conducted pursuant to this encroachment permit, or under color of authority of this encroachment permit but not in full compliance with the Permit Conditions as defined in General Provision Number 5 ("Unauthorized Work or Activity"); and/or (c) the installation, placement, design, existence, operation, and/or maintenance of the encroachment, work, and/or activity; and/or (d) the failure by the Permittee, or by anyone acting for or on behalf of the Permittee, to perform the Permittee's obligations under any part of the Permit Conditions as defined in General Provision Number 5, in respect to maintenance or any other obligation; and/or (e) any change to the Department's property or adjacent

property, including but not limited to the features or conditions of either of them, made by the Permittee or anyone acting on behalf of the Permittee; and/or (f) a defect or obstruction related to or caused by the encroachment, work, and/or activity whether conducted in compliance with the Permit Conditions as defined in General Provision Number 5 or constituting Unauthorized Work or Activity, or from any cause whatsoever. The duty of the Permittee to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code.

It is the intent of the Department and the Permittee that except as prohibited by law, the Permittee will defend, indemnify, and hold harmless as set forth in this General Provision Number 28 regardless of the existence or degree of fault or negligence, whether active or passive, primary or secondary, on the part of: the United States, the State; the Department; the Directors, officers, employees, agents and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors; the Permittee; persons employed by the Permittee; and/or persons acting on behalf of the Permittee.

The Permittee waives any and all rights to any type of expressed or implied indemnity from or against the United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors.

The Permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act in the conduct of the encroachment, work, and/or activity whether conducted pursuant to this encroachment permit or constituting Unauthorized Work or Activity, and further agrees to defend, indemnify, and save harmless the United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, penalties, liability, suits, or actions of every name, kind, and description arising out of or by virtue of the Americans with Disabilities Act.

The Permittee understands and agrees the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, are not personally responsible for any liability arising from or by virtue of this encroachment permit.

For the purpose of this General Provision Number 28 and all paragraphs herein, "contractors of the State and/or of the Department" includes contractors, and their subcontractors, under contract to the State and/or the Department.

This General Provision Number 28 and all paragraphs herein take effect immediately upon issuance of this encroachment permit, and apply before, during, and after the encroachment, work, and/or activity

contemplated under this encroachment permit, whether such work is in compliance with the Permit Conditions as defined in General Provision Number 5 or constitutes Unauthorized Work or Activity, except as otherwise provided by California law. The Permittee's obligations to defend, indemnify, and save harmless under this General Provision Number 28 take effect immediately upon issuance of this encroachment permit and have no expiration date, including but not limited to situations in which this encroachment permit expires or is revoked, the work or activity performed under this encroachment permit is accepted or not accepted by the Department, the encroachment, work, and/or activity is conducted in compliance with the Permit Conditions as defined in General Provision Number 5 or constitutes Unauthorized Work or Activity, and/or no work or activity is undertaken by the Permittee or by others on the Permittee's behalf.

If the United States or an agency, department, or board of the United States is the Permittee, the first two paragraphs of this General Provision Number 28 (beginning "The Permittee agrees to indemnify..." and "It is the intent of the parties...") are replaced by the following paragraph:

Claims for personal injury, death, or property damage allegedly caused by the negligent or wrongful act or omission of any employee of the United States acting within the scope of their official duties are subject to the Federal Tort Claims Act, as amended, 28 U.S.C. § 1346 and § 2671 et seq. (Chapter 171).

29. **NO PRECEDENT ESTABLISHED:** This encroachment permit is issued with the understanding that it does not establish a precedent.

30. **FEDERAL CIVIL RIGHTS REQUIREMENTS FOR PUBLIC ACCOMMODATION:**

a) As part of the consideration for being issued this encroachment permit, the Permittee, on behalf of Permittee and on behalf of Permittee's personal representatives, successors in interest, and assigns, does hereby covenant and agree that:

i) No person on the grounds of race, color, or national origin may be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.

ii) That in connection with the construction of any improvements on said lands and the furnishings of services thereon, no discrimination must be practiced in the selection and retention of first-tier subcontractors in the selection of second-tier subcontractors.

iii) That such discrimination must not be practiced against the public in their access to and use of the facilities and services provided for public accommodations (such as eating, sleeping, rest, recreation), and operation on, over, or under the space of the State highway right-of-way.

iv) That the Permittee must use the premises in compliance with all other requirements imposed pursuant to Title 15, Code of Federal

Regulations, Commerce and Foreign Trade, Subtitle A. Office of the Secretary of Commerce, Part 8 (15 C.F.R. Part 8) and as said Regulations may be amended.

b) That in the event of breach of any of the above nondiscrimination covenants, the State and the Department have the right to terminate this encroachment permit and to re-enter and repossess said land and the facilities thereon and hold the same as if said permit had never been made or issued.

31. **MAINTENANCE:** The Permittee is responsible at Permittee's sole expense for the encroachment, and the inspection, maintenance, repair, and condition thereof, and is responsible to ensure the encroachment does not negatively impact State highway safety, maintenance, operations, construction, State facilities, activities related to construction/reconstruction, or other encroachments. The Permittee's obligations in the preceding sentence take effect immediately upon issuance of this encroachment permit and continue until the encroachment is entirely and permanently removed. Additional encroachment permits or approval documents may be required authorizing work related to inspection, repair, and/or maintenance activities. Contact the Department for information.

32. **SPECIAL EVENTS:** In accordance with subdivision (a) of Streets and Highways Code section 682.5 and 682.7, the Department is not responsible for the conduct or operation of the permitted activity, and the applicant agrees to defend, indemnify, and hold harmless the United States, the State, the Department, and the Directors, officers, employees, agents, and contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind and description arising out of any activity for which this encroachment permit is issued.

The Permittee is required, as a condition of this encroachment permit, for any event that awards prize compensation to competitors in gendered categories, for any participant level that receives prize compensation, to ensure the prize compensation for each gendered category is identical at each participant level. (Streets and Highways Code, section 682.7.)

The Permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act in the conduct of the event, and further agrees to defend, indemnify, and save harmless the United States, the State and the Department, and the Directors, officers, and employees of the State and/or Department, including but not limited to the Director of the Department and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind and description arising out of or by virtue of the Americans with Disabilities Act.

33. **PRIVATE USE OF STATE HIGHWAY RIGHT-OF-WAY:** State highway right-of-way must not be used for private purposes without compensation to the State. The gifting

ENCROACHMENT PERMIT GENERAL PROVISIONS

of public property uses and therefore public funds is prohibited under the California Constitution, Article XVI, Section 6.

34. **FIELD WORK REIMBURSEMENT:** Permittee must reimburse the Department for field work performed by or on behalf of the Department to correct or remedy issues created by the Permittee or by others acting on behalf of the Permittee, including but not limited to hazards or damaged facilities, or to clear refuse, debris, etc. not attended to by the Permittee or by others acting on behalf of the Permittee.
35. **LANE CLOSURE REQUEST SUBMITTALS AND NOTIFICATION OF CLOSURES TO THE DEPARTMENT:** Lane closure request submittals and notifications must be in accordance with Section 12-4.02, and Section 12.4-04, of the Department's Standard Specifications or as directed by the Department's representative. The Permittee must notify the Department's representative and the Traffic Management Center ("TMC") before initiating a lane closure or conducting an activity that may cause a traffic impact. In emergency situations when the corrective work or the emergency itself may affect traffic, the Department's representative and the TMC must be notified as soon as possible.
36. **SUSPENSION OF TRAFFIC CONTROL OPERATION:** The Permittee, upon notification by the Department's representative, must immediately suspend all traffic lane, bike lane, sidewalk, crosswalk, and/or shoulder closure operations and any operation that impedes the flow of traffic. All costs associated with this suspension must be borne by the Permittee.
37. **UNDERGROUND SERVICE ALERT (USA) NOTIFICATION:** Any excavation requires compliance with the provisions of Government Code section 4216 et seq., including but not limited to notice to a regional notification center, such as Underground Service Alert (USA). The Permittee must provide notification to the Department representative at least five (5) business days before, and the regional notification center at least forty-eight (48) hours before, performing any excavation work within the State highway right-of-way.
38. **COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA):** All work within the State highway right-of-way to construct and/or maintain any public facility must be designed, maintained, and constructed strictly in accordance with all applicable Federal Access laws and regulations (including but not limited to Section 504 of the Rehabilitation Act of 1973, codified at 29 U.S.C. § 794), California Access laws and regulations relating to ADA, along with its implementing regulations, Title 28 of the Code of Federal Regulations Parts 35 and 36 (28 C.F.R., Ch. I, Part 35, § 35.101 et seq., and Part 36, § 36.101 et seq.), Title 36 of the Code of Federal Regulations Part 1191 (36 C.F.R., Ch. XI, Part 1191, § 1119.1 et seq.), Title 49 of the Code of Federal Regulations Part 37 (49 C.F.R., Ch. A, Part 37, § 37.1 et seq.), the United States Department of Justice Title II and Title III for the ADA, and California Government Code section 4450 et seq., which require public facilities be made accessible to persons with disabilities.
- Notwithstanding the requirements of the previous paragraph, all construction, design, and maintenance of public facilities must also comply with the Department's Design Information Bulletin 82, "Pedestrian Accessibility Guidelines for Highway Projects" and Standard Plans & Specifications on "Temporary Pedestrian Access Routes."
39. **STORMWATER:** The Permittee is responsible for full compliance with the following:
- For all projects, the Department's Storm Water Program and the Department's National Pollutant Discharge Elimination System (NPDES) Permit requirements under Order No. 2012-0011-DWQ, NPDES No CAS000003; and
 - In addition, for projects disturbing one acre or more of soil, with the California Construction General Permit Order No. 2009-0009-DWQ, NPDES No CAS000002; and
 - In addition, for projects disturbing one acre or more of soil in the Lahontan Region with Order No. R6T-2016-0010, NPDES No CAG616002.
 - For all projects, it is the Permittee's responsibility to install, inspect, repair, and maintain all facilities and devices used for water pollution control practices (Best Management Practices/BMPs) before performing daily work activities.

STORMWATER SPECIAL PROVISIONS FOR MINIMAL OR NO IMPACT (SWSP)

TR-0400 (Rev 05/2018)

1. **GENERAL:** The purpose of these Special Provisions is to provide the Permittee with specifications for water pollution control to minimize, prevent, or control the discharge of material into the air, surface waters, groundwater, and storm sewers owned by the State or local agencies. These provisions are not intended to take the place of the Caltrans Water Pollution Control Program (WPCP) for projects where soil disturbance from work activities less than one acre, or work activities of one acre or more subject to the preparation of the Caltrans Storm Water Pollution Prevention Plan (SWPPP). The Permittee must comply with the following Special Provisions and the direction of the State Representative. All Stormwater Best Management Practices (BMPs) must conform to Section 13 Water Pollution Control of Caltrans' Standard Specifications.
2. **NPDES REQUIREMENTS:** The Permittee must be responsible for full compliance with the Caltrans Storm Water Program and the Caltrans National Pollutant Discharge Elimination System (NPDES) Permit requirements (*Order No. 2012-0011-DWQ, NPDES No CAS000003*) and for and projects disturbing one acre or more of soil, full compliance with the California Construction General Permit (*Order No. 2009-0009-DWQ, NPDES No CAS000002*) or for projects for projects that have one acre or more of soil disturbance in the Lahontan Region (*Order No. R6T-2016-0010, NPDES No CAG616002*). It is the Permittee's responsibility to install, inspect, and repair or maintain facilities and devices used for water pollution control practices (BMPs) before performing daily work activities. Installation, inspection and maintenance responsibilities on the job site include: 1) soil stabilization materials in work areas that are inactive or prior to storm events, 2) water pollution control devices to control sediment and erosion, 3) implementation of spill and leak prevention procedures for chemical and hazardous substances stored on the job site, 4) material storage, 5) stockpile management, 6) waste management, 7) non-stormwater management, 8) water conservation, 9) tracking controls and 10) illicit connection, illegal discharge detection and reporting. The Permittee must report to the State representative when discharges enter into receiving waters, adjacent property, drainage systems or when discharges could be a cause or a threat for water pollution. The Permittee must also control illicit discharges or illegal dumping prior to start of daily work schedule. Copies of written notices or orders from the Regional Water Quality Control Board or other regulatory agency must be provided to the State representative within 48 hours of reported activity. For additional information on stormwater compliance, visit the State Water Resources Control Boards storm water Website at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater
3. **RESPONSIBILITY FOR DEBRIS REMOVAL:** The Permittee must be responsible for preventing sediment, trash, debris, and other construction waste from entering the street, the storm drains, local creeks, or any other bodies of water.
4. **SPOILS AND RESIDUE:** The Permittee must vacuum any saw-cut concrete waste material, debris, residue, etc. No spoils, debris, residue, etc. must be washed into a drainage system.
5. **SWEEPING:** Sweep paved roads at construction entrance and exit locations and surrounding paved areas daily within the job site during: 1) clearing and grubbing, 2) earthwork, 3) trenching, 4) soil disturbance, 5) pavement grinding and/or cutting, and 6) after observing tracking of material onto or off the State property. Keep dust to a minimum during sweeping activities. Use vacuum whenever dust generation is excessive or sediment pickup is ineffective.
Roadways or work areas must not be washed down with water. Street sweeping operations must conform to Section 13 Water Pollution Control of Caltrans' Standard Specifications.
6. **VEHICLES AND EQUIPMENT:** Permittee must prevent all vehicles, equipment, etc. from leakage or mud tracking onto roadways. If leaks cannot be repaired immediately, remove the vehicle or equipment from the job site.
7. **MAINTENANCE AND FUELING OF VEHICLES AND EQUIPMENT:** Maintenance and fueling of equipment must not result in any pollution at the job site. The Permittee must immediately clean up spills/leaks, and properly dispose of contaminated soil and materials.
8. **CLEANING VEHICLES AND EQUIPMENT:** Limit vehicle and equipment cleaning or washing at the job site except what is necessary to control vehicle tracking or hazardous waste. The Permittee must clean all equipment within a bermed area or over a drip pan large enough to prevent run-off. No soaps, solvents, degreasers, etc. must be used in State right-of-way. Any water from this operation must be collected and disposed of at an appropriate site. Containment berms or dikes must be used for fueling, washing, maintaining and washing vehicles or equipment in outside areas. Containment must be performed at least 100 feet from concentrated flows of storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain. Keep adequate quantities of absorbent spill- cleanup material and spill kits in the fueling or maintenance area and on fueling trucks.
9. **DIESEL FUELS:** The use of diesel fuel from petroleum or other fossil fuel as a form-oil or solvent is not allowed.
10. **WEATHER CONDITIONS AT WORKSITE:** Any activity that would generate fine particles or dust that could be transported off site by stormwater must be performed during dry weather.
11. **WIND EROSION PROTECTION:** The use of Wind Erosion BMPs must be deployed year-round in instances where dust or fine particles could be transported off site.
12. **HOT MIX ASPHALT:** Runoff from washing hot mix asphalt must not enter into any drainage conveyances.
13. **PROTECTION OF DRAINAGE FACILITIES:** The Permittee must protect/cover gutters, ditches, drainage courses, and inlets with gravel bags, fiber rolls, State approved fabric filters, etc., to the satisfaction of the State representative during grading, paving, saw-cutting, etc. and materials must conform to Section 13-6.02 Materials for Water Pollution Control of Caltrans' Standard Specifications. No such protection measures must cause an obstruction to the traveling public. The Permittee must implement spill and leak prevention procedures for chemicals and hazardous substances stored on the job site (including secondary containment requirements) in accordance to section 13-4.03B Spill Prevention and Control, and 14-11 Hazardous Waste and Contamination, Water Pollution Control of Caltrans' Standard Specifications.
14. **PAINT:** Rinsing of painting equipment and materials is not permitted in State right-of-way. When thoroughly dry, dispose of

- the following as solid waste: dry latex paint, paint cans, used brushes, rags, gloves, absorbent materials, and drop cloths. Oil based paint sludge and unusable thinner must be disposed of at an approved hazardous waste site.
15. **CONSTRUCTION MATERIALS:** Stockpile of all construction materials, including, but not limited to; pressure treated wood, asphalt concrete, cold mix asphalt concrete, concrete, grout, cement containing premixes, and mortar, must conform to section 13-4.03C (2) Material Storage & 13-4.03C (3) Stockpile Management of Caltrans' Standard Specifications.
 16. **CONCRETE EQUIPMENT:** Concrete equipment must be washed in a designated washing area in a way that does not contaminate soil, receiving waters, or storm drain systems.
 17. **EXISTING VEGETATION:** Established existing vegetation is the best form of erosion control. Minimize disturbance to existing vegetation. Damaged or removed vegetation must be replaced as directed by the State Representative.
 18. **SOIL DISTURBANCE:** Soil disturbing activities must be avoided during the wet weather season. If construction activities during wet weather are allowed in your permit, all necessary erosion control and soil stabilization measures must be implemented in advance of soil disturbing activity.
 19. **SLOPE STABILIZATION AND SEDIMENT CONTROL:** Consider a certified expert in Erosion and Sediment control in cases where slopes are disturbed during construction. The Permittee is directed to comply with Section 13.5 Temporary Soil Stabilization and Section 21 Erosion Control of Caltrans' Standard Specifications during application of temporary soil stabilization measures to the soil surface. Fiber rolls or silt fences may be required down slope until permanent soil stabilization is established. Remove the accumulated sediment whenever the sediment accumulates to 1/3 of the linear sediment barrier height. The Permittee must limit the use of plastic materials when more sustainable, environmentally friendly alternatives exist or when environmental regulations prohibit their use within the project.
 20. **STOCKPILES:** Stockpiles containing aggregate and/or soil must be stored at least 100 feet from concentrated flows of storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain, and must be covered and protected with a temporary perimeter sediment barrier. Cold mix stockpiles must be stored on an impermeable surface and covered with 9 mil plastic to prevent contact with water. Minimize stockpiling of materials on the job site. Manage stockpiles by implementing the water pollution control practices in Section 13-4.03C (3) Stockpile Management of the State of California standard specifications for construction.
 21. **DISCOVERY OF CONTAMINATION:** The State Representative must be notified in case any unusual discoloration, odor, or texture of ground water, is found in excavated material or if abandoned, underground tanks, pipes, or buried debris are encountered.
 22. **SANITARY AND SEPTIC WASTE:** Do not bury or discharge wastewater from a sanitary or septic system within the highway. Properly connected sewer facilities are free from leaks. With State Representative approval place portable sanitary facility at least 50 feet away from storm drains, receiving waters, and flow lines. Permittee must comply with local health agency provisions when using an on-site disposal system.
 23. **LIQUID WASTE:** Prevent job site liquid waste from entering storm drain systems and receiving waters. Drilling slurries, grease or oil-free waste water or rinse water, dredging, wash water or rinse water running off a surface or other non-storm water liquids not covered under separate waste water permits must be held in structurally sound, leak-proof containers, such as portable bins or portable tanks. Store containers at least 50 feet away from moving vehicles and equipment. Liquid waste may require testing to determine hazardous material content prior to disposal. All measures must conform to section 13-4.03D (5) Liquid Waste, Water Pollution Control of Caltrans' Standard Specifications.
 24. **WATER CONTROL AND CONSERVATION:** Manage water use in a way that will prevent erosion and the discharge of pollutants into storm drain systems and receiving waters. Direct runoff, including water from water line repair from the job site to areas where it can infiltrate into the ground. Direct water from off-site sources around the job site or from contact with jobsite runoff.
 25. **PILE DRIVING:** Keep spill kits and cleanup materials at pile driving locations. Park pile driving equipment over drip pans, absorbent pads, or plastic sheeting with absorbent material, and away from stormwater run-on when not in use.
 26. **DEWATERING:** Dewatering consists of discharging accumulated storm water, groundwater, or surface water from excavations or temporary containment facilities. All dewatering operations must comply with the latest Caltrans guidelines including the Field Guide for Construction Site Dewatering. Contact State representative for approval of dewatering discharge by infiltration or evaporation, otherwise, any effluent discharged into a permitted storm water system requires approval from the Regional Water Quality Control Board. Prior to the start of dewatering, the Permittee must provide the State Representative with a dewatering and discharge work plan that complies with section 13-4.03G Dewatering, Water Pollution Control of Caltrans' Standard Specifications. A copy of the Waste Discharge Permit and a copy of a valid WDD number issued by the Regional Board must be provided to the State representative.

HAZARDOUS MATERIALS AND HAZARDOUS WASTE MANAGEMENT

TR-0408 (New 09/2017)

By acceptance of this encroachment permit, Permittee hereby agrees that:

1. All construction debris/materials/water/excess soil must become the property of the Permittee, and must be transported and disposed of, outside of Caltrans' right-of-way, in accordance with all applicable environmental laws and regulations. The Permittee must be identified as the generator for all construction debris/materials/water/excess soil and must be responsible for proper identification (including sampling and analysis) and management of all construction and contaminated debris/materials/water/excess soil that are removed, and/or excavated, from the work site. If hazardous waste is generated, the Permittee must obtain an Environmental Protection Agency (EPA) Identification Number issued in their name. State Permit Inspector does not sign any manifests or shipping papers. The Permittee must be named as the generator on all Uniform Hazardous Waste Manifests and shipping papers. Caltrans must not be identified or written anywhere on the manifests or shipping papers. Prior to waste disposal, the Permittee should submit the waste generator form(s) to State Permit Inspector for verification. The Permittee must submit to the State Permit Inspector, a copy of all manifests and/or shipping papers generated for materials removed, transported and/or excavated from the state right-of-way.
2. If contaminated material is encountered, Permittee is to stop work and contact the State Permit Inspector immediately. The Permittee must submit a Sampling and Analysis Plan (SAP), and a Health and Safety Plan (HaSP) prepared by a Certified Industrial Hygienist (CIH) and in conformance with California Code of Regulations title 8, section 5192, "Hazardous Waste Operations and Emergency Response" for sampling activity through a separate permit application. Upon the permit review, additional environmental documents may be required prior to resumption of construction activity.
3. Permittee is responsible for any violation, penalty, enforcement action, corrective action, remedial action, and any other type of consequences resulting from cross contamination of groundwater (including perched groundwater), improper handling/managing of hazardous materials and/or placement of contaminated materials inside Caltrans right-of-way.
4. It is the Permittee's responsibility to comply with the Department of Toxic Substances Control (DTSC) ADL requirements for roadway soil management. Reuse of soils containing greater than 80 mg/kg total lead is not allowed without written approval of the DTSC and Caltrans. The Soil Management Agreement for Aerially Deposited Lead-Contaminated Soils between Caltrans and the DTSC does not constitute written approval for the Permittee to reuse soils containing greater than 80 mg/kg total lead.
5. The Permittee must implement the emergency notification requirements established in the California Office of Emergency Management Hazardous Materials, Spill / Release Notification Guidance (<http://www.caloes.ca.gov/>).
6. Any imported material used for backfill must be free of contamination, and a certificate of the material as "clean" with the source area of the material must be provided to Permit Inspector upon request. Importing soils containing greater than 80 mg/kg total lead for use in state right-of-way is not allowed.

Stockpiles of material containing aerially deposited lead shall not be placed where affected by surface run-on or run-off. Stockpiles shall be covered with plastic sheeting 13 mils minimum thickness or with one foot of nonhazardous material. Stockpiles shall not be placed in environmentally sensitive areas. Stockpiled material shall not enter storm drains, inlets, or waters of the State.



District 6 Lane Closure Manager
 Email: D6Permit_LCS@dot.ca.gov

FAX (559) 445-5100

All requests are due by Monday, 5PM for work starting the following week.

Caltrans District 6 Closure Request Form for Encroachment Permits

Permit # (06XX-XXX-XXXX) Permit Inspector

Contact Name and Company Office Phone Cell Phone Fax

Route Direction

Begin County Begin Location Begin PM Begin Date Begin Time (HH:MM) : 24 Hr


End County End Location End PM End Date End Time (HH:MM) : 24 Hr

Facility (Check one)
 Connector Conventional Mainline Lane / Shldr Alternate lanes Stndrd Long-term Existing # of Lane(s) in One Direction
 Off Ramp On Ramp Surface Street Full Moving One-way Intermittent

Lane(s) to be Closed (Check All that Apply) Description of Work
 Lane 1 Lane 2 Lane 3 Lane 4
 Aux Ln Rt Shldr Lt Shldr Rt Turn Ln Lt Turn Ln

Additional Remarks

DIST	COUNTY	ROUTE	POST MILES TOTAL SHEET	TOTAL SHEETS



REGISTERED CIVIL ENGINEER
Chloe P. Saha
 MAY 1, 2023
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA ON ITS OFFICIAL SEAL AND THE SIGNATURE OF THE REGISTERED CIVIL ENGINEER AT THE CORNER OF THIS PLAN SHEET.

TABLE 1

SPEED (S)	TAPER LENGTH CRITERIA AND CHANNELIZING DEVICE SPACING									
	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)					MAXIMUM CHANNELIZING DEVICE SPACING				
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	TAPER	TANGENT	CONFLICT	X	Y	Z **
15	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10	10	10	10
25	230	125	63	42	25	50	12	12	12	12
30	360	180	90	60	30	60	15	15	15	15
35	490	245	123	82	35	70	17	17	17	17
40	640	320	160	107	40	80	20	20	20	20
45	1080	540	270	180	45	90	22	22	22	22
50	1200	600	300	200	50	100	25	25	25	25
55	1320	660	330	220	50	100	25	25	25	25
60	1440	720	360	240	50	100	25	25	25	25
65	1560	780	390	260	50	100	25	25	25	25
70	1680	840	420	280	50	100	25	25	25	25
75	1800	900	450	300	50	100	25	25	25	25

* - For other offsets, use the following merging taper length formula for L:
 For speed of 45 mph or less, $L = \frac{S^2}{2.60}$
 For speed of 45 mph or more, $L = WS$
 Where: L = Taper length in feet

S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph
 W = Width of offset in feet

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	729	785
70	730	771	825	891
75	820	866	927	1003

* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Longitudinal buffer space or flagger station spacing

*** - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

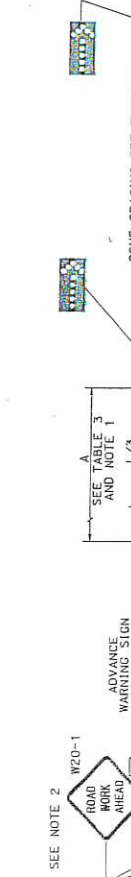
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM TABLES
 FOR LANE AND RAMP CLOSURES**

T9

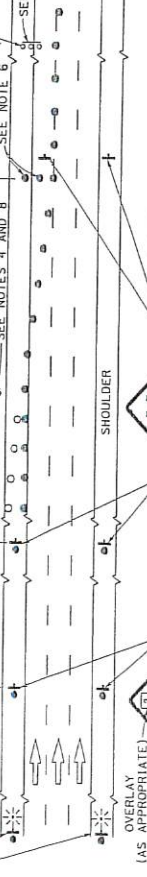
Return to Table of Contents

COUNTY: _____ ROUTE: _____ SHEET NO.: _____
 TOTAL SHEETS: _____
 PROJECT: _____
 DATE: _____
 SCALE: _____
 REGISTERED CIVIL ENGINEER
 LICENSE NO. _____
 EXPIRES: _____
 SEAL: _____
 PROJECT TITLE: _____
 DATE: _____
 PROJECT NO.: _____
 SHEET NO.: _____

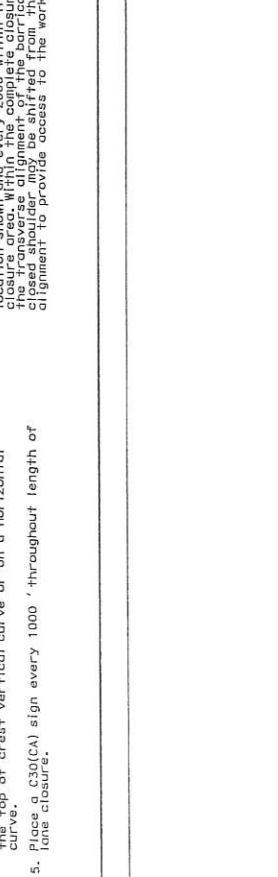
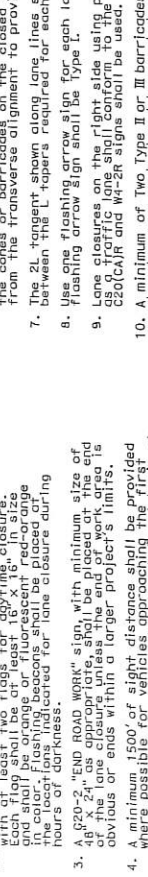
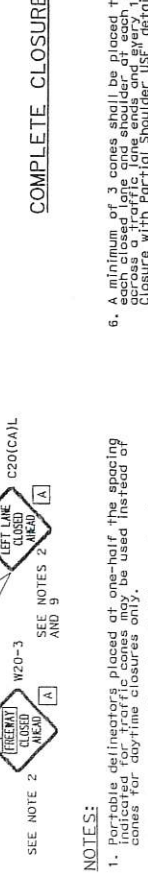
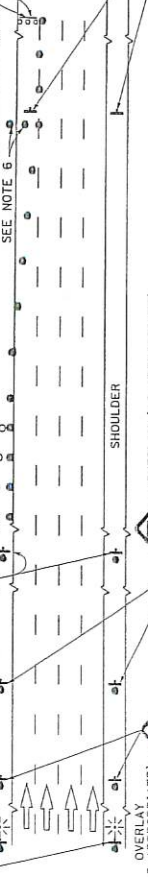
NOTES:
 See Standard Plan T9 for tables.
 Use cone spacing X for taper, segment, Y for tangent segment or Z for cone conflict spacing as shown on this sheet.
 Provide at least one person to continuously maintain traffic control devices for lane closures.



LANE CLOSURE WITH PARTIAL SHOULDER USE
 SEE NOTE 2
 SEE NOTE 3
 SEE NOTE 4
 SEE NOTE 5
 SEE NOTE 6
 SEE NOTE 7
 SEE NOTE 8
 SEE NOTE 9



COMPLETE CLOSURE
 SEE NOTE 2
 SEE NOTE 3
 SEE NOTE 4
 SEE NOTE 5
 SEE NOTE 6
 SEE NOTE 7
 SEE NOTE 8
 SEE NOTE 9



- LEGEND**
- TRAFFIC CONE
 - TRAFFIC CONE (OPTIONAL TAPER)
 - ⬇️ TEMPORARY TRAFFIC CONTROL SIGN
 - 🚧 FLASHING ARROW SIGN (FAS)
 - 🚧 FAS SUPPORT OR TRAILER
 - ⚡ PORTABLE FLASHING BEACON

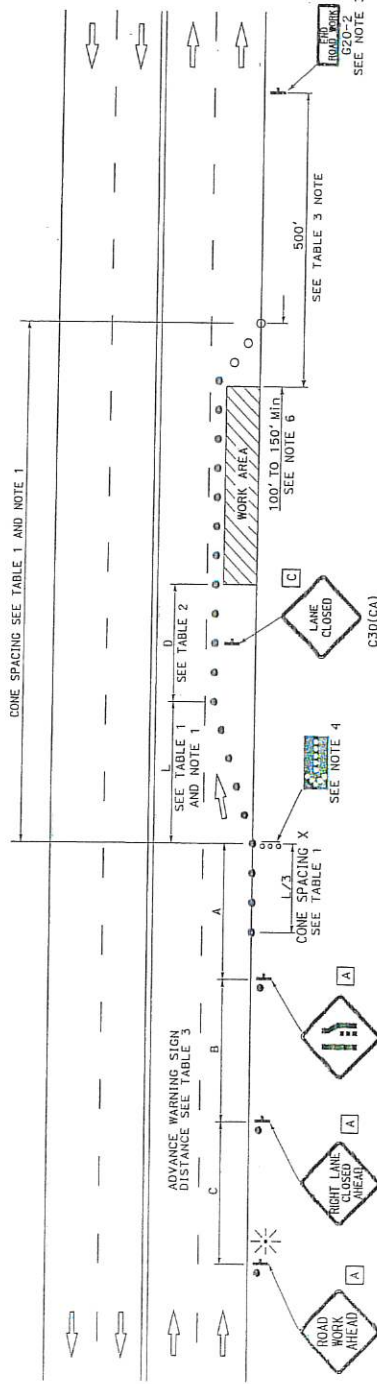
SIGN PANEL SIZE (Min)

A	48" x 48"
B	48" x 18"
C	48" x 30"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 FREEWAYS AND EXPRESSWAYS**
 NO SCALE
T10A

- NOTES:**
- Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
 - Each advance warning sign shall be equipped with a flashing arrow sign. The sign shall be at least 16' x 16'. Each sign shall be orange or fluorescent red-orange in color. The sign shall be illuminated during hours of darkness.
 - A G20-2 "END ROAD WORK" sign, with minimum size of 48" x 24", as appropriate, shall be placed at the end of the work area. The sign shall be illuminated during hours of darkness.
 - A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of a vertical curve or on a horizontal curve.
 - A G30(CA) sign every 1000' throughout length of lane closures.

01241	COUNTY	ROUTE	POST MILE TOTAL PROJECT	SHEET TOTAL SHEETS
REGISTERED CIVIL ENGINEER Charles D. Saha May 1, 2023 THIS APPROVAL DATE IS THE DATE OF SIGNATURE OF THE REGISTERED CIVIL ENGINEER. THE SEALING SHALL BE THE RESPONSIBILITY OF THE REGISTERED CIVIL ENGINEER. COPIES OF THIS PLAN SHEET:				



TYPICAL LANE CLOSURE

NOTES:
 See Standard Plan T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Provide at least one person to continuously maintain traffic control devices for lane closures.

LEGEND

●	TRAFFIC CONE	□ A	48" x 48"
○	TRAFFIC CONE (OPTIONAL TAPER)	□ B	36" x 18"
⊥	TEMPORARY TRAFFIC CONTROL SIGN	□ C	30" x 30"
	FLASHING ARROW SIGN (FAS)		
	FAS SUPPORT OR TRAILER		
	PORTABLE FLASHING BEACON		

- NOTES:**
- Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
 - Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
 - A W4-2L "END ROAD WORK" sign shall be placed at the end of the lane closure unless the end of work area is obvious or ends within the larger project's limits.
 - A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
 - Place C30(CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work area.
 - Length may be reduced by the Engineer to address site conditions.
 - Median lane closures shall conform to the details shown except that C20(CAL) and W4-2L signs shall be used.
 - For approach speeds over 50 MPH, use the "Traffic Control System for Lane Closure on Freeways and Expressways" plan for lane closure details and requirements.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 MULTILANE CONVENTIONAL HIGHWAYS**

NO SCALE

T11

COUNTY ROUTE POST MILES TOTAL SHEET NO. TOTAL SHEETS
 PROJECT NO. 2023
 REGISTERED CIVIL ENGINEER
 EXPIRES 12/31/24
 MAY 1, 2023
 PLANS APPROVED
 THE STATE OF CALIFORNIA OR ITS OFFICERS
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR
 COPIES OF THIS PLAN SHEET.

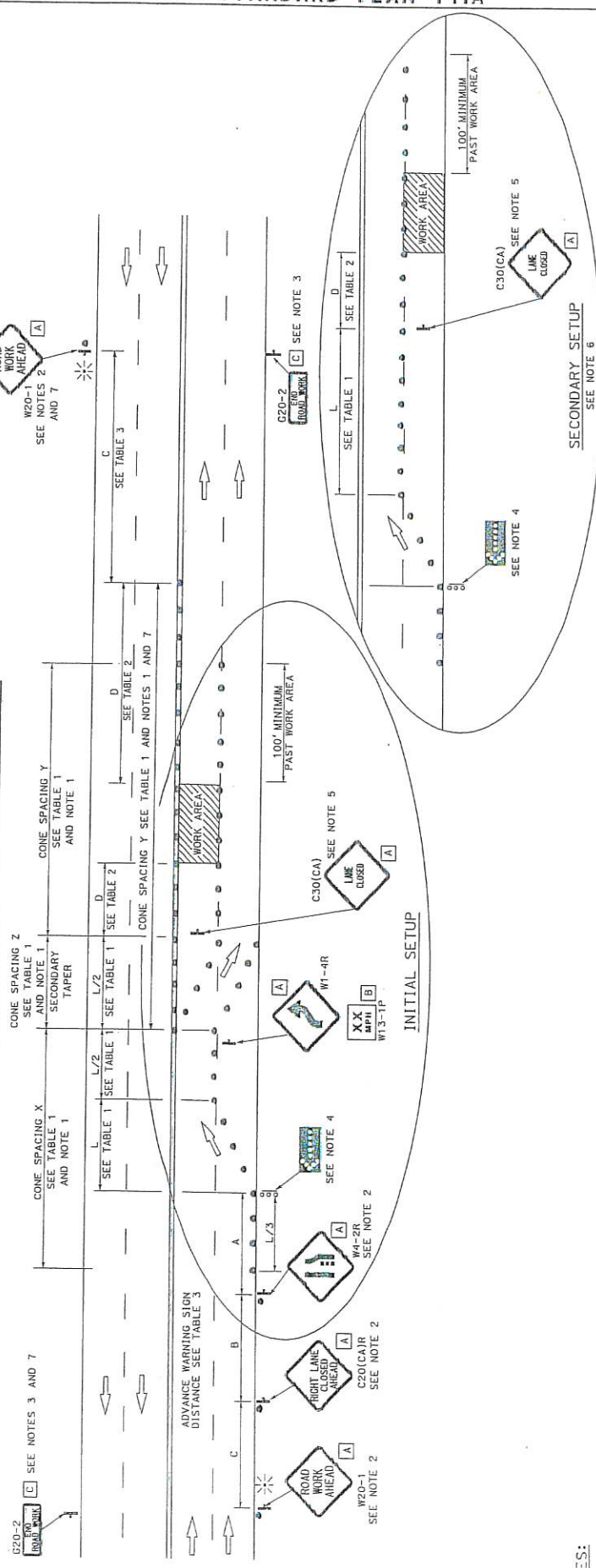
NOTES:
 See Standard Plan T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless A, Y, or Z cone spacing is shown on this sheet.
 Provide at least one person to continuously maintain traffic control devices for lane closures.

SIGN PANEL SIZE (Min)

A	48" x 48"
B	24" x 24"
C	36" x 18"

- LEGEND**
- TRAFFIC CONE
 - TEMPORARY TRAFFIC CONTROL SIGN
 - FLASHING ARROW SIGN (FAS)
 - FAS SUPPORT OR TRAILER
 - PORTABLE FLASHING BEACON

TYPICAL CHANGEABLE LANE CLOSURE



- NOTES:**
- Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
 - Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange color. The sign shall be shown at the locations indicated for cone closure during hours of darkness.
 - A G20-2 "END ROAD WORK" sign shall be placed at the end of the lane closure unless the end of work area is obvious or ends within the larger project's limits.

- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
- Place C30(CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work area.
- Relocate secondary taper to tangent location and relocate C30(CA) sign.
- Remove W1-4R/W13-1P sign package.
- Sign installations and cones are not required when a median barrier is in place.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR CHANGEABLE LANE CLOSURE
 ON MULTILANE CONVENTIONAL
 HIGHWAYS AND EXPRESSWAYS**

NO SCALE

T11A

Return to Table of Contents

SIGN PANEL SIZE (Min)

A	48" x 48"
B	24" x 24"
C	36" x 18"

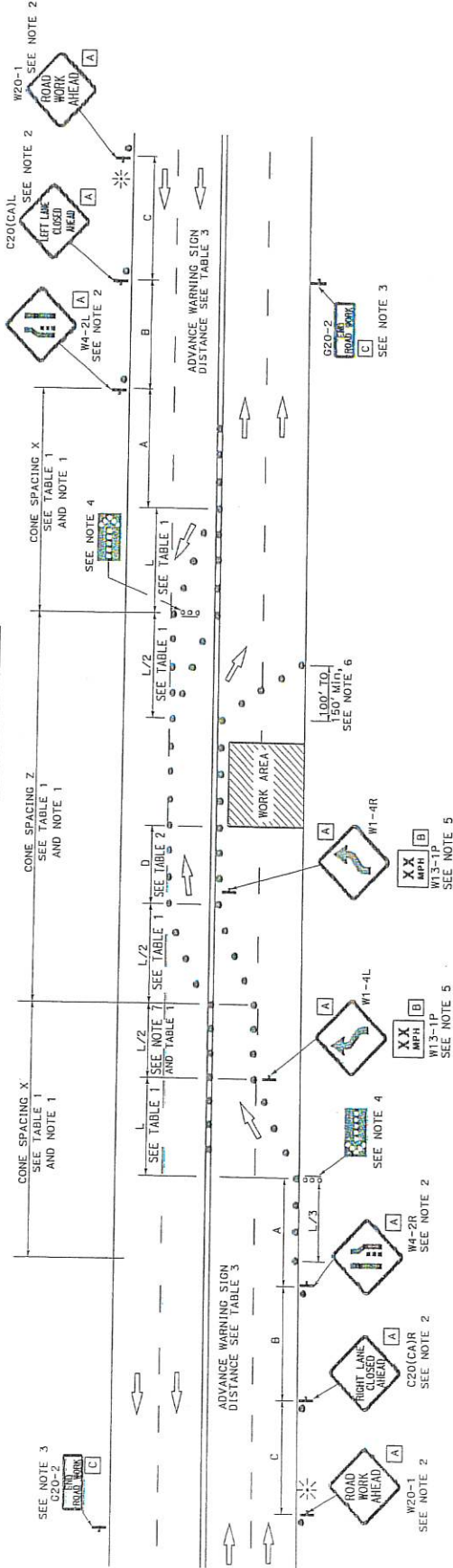
LEGEND

- TRAFFIC CONE
- F TEMPORARY TRAFFIC CONTROL SIGN
- FLASHER FLASHING ARROW SIGN (FAS)
- FAS SUPPORT OR TRAILER
- PORTABLE FLASHING BEACON

NOTES:

See Standard Plan T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for offset situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Provide at least one person to continuously maintain traffic control devices for lane closures.

TYPICAL HALF ROAD CLOSURE



- NOTES:**
- Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
 - Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing arrow signs shall be used at the locations indicated for lane closure during hours of darkness.
 - A G20-2 "END ROAD WORK" sign, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within the larger project's limits.
 - A minimum 1500' sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
 - Advisory speed will be determined by the Engineer. The W13-1P Plaque will be required when advisory speed is more than the posted or maximum speed limit.
 - Length may be reduced by the Engineer to address site conditions.
 - The tangent (L/2) shall be used.

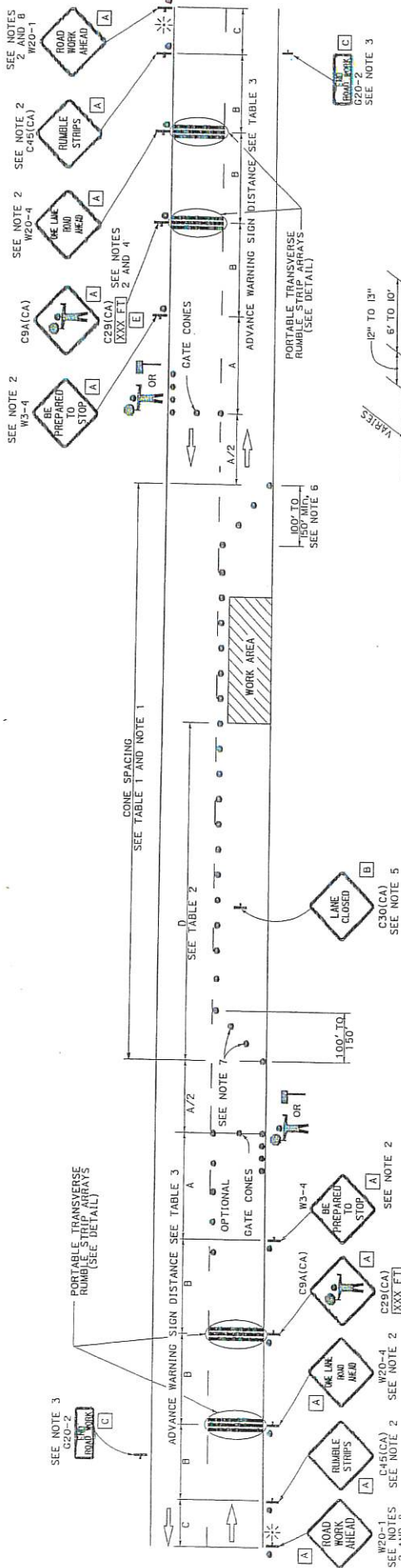
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR HALF ROAD CLOSURE
 ON MULTILANE CONVENTIONAL
 HIGHWAYS AND EXPRESSWAYS**
 NO SCALE

DIST COUNTY ROUTE POST MILES SHEET TOTAL
 PROJECT TOTAL SHEETS
 REGISTERED CIVIL ENGINEER
 NOV. 1, 2023
 PLANS PREPARED BY HIS EMPLOYEE
 THE STATE OF CALIFORNIA BY HIS EMPLOYEE
 OR AGENTS SHALL HOLD ME RESPONSIBLE FOR
 CORRECTNESS OF THIS PLAN SHEET OR OF SIGNED
 COPIES OF THIS PLAN SHEET.

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 30" x 30"
- C 36" x 18"
- D 36" x 42"
- E 20" x 7"

NOTES:
 See Standard Plan T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for curve segments, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Provide at least one person to continuously maintain traffic control devices for lane closures.

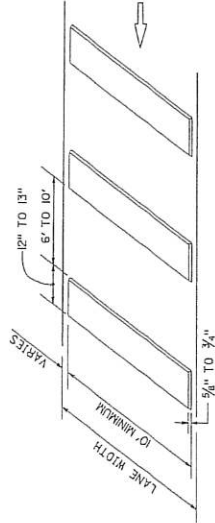


NOTES:

1. Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
2. Sign must be equipped with at least two flags for daytime closures. Flags must be orange in color and at least 16 inches in size. Place flashing beacons as shown for closures during hours of darkness.
3. A C20-2 "END ROAD WORK" sign, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within the larger project's limits.
4. An optional C29(CA) sign may be placed below the C9A(CA) sign.
5. Place C30(CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work area. They are optional if the work area is visible from the flagger station.
6. Length may be reduced by the Engineer to address site conditions.
7. Either traffic cones or barricades shall be placed on the taper. Barricades shall be type 4, II, or III.
8. If C45(CA) is not used, measure distance C from W20-4.

LEGEND

- TRAFFIC CONE
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN
- ⊛ PORTABLE FLASHING BEACON
- ⊞ FLAGGER
- ⊞ AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 WITH REVERSIBLE CONTROL ON
 TWO LANE CONVENTIONAL HIGHWAYS**

NO SCALE

T13

COUNTY: _____ ROUTE: _____ TOTAL SHEETS: _____ SHEET NO.: _____
 REGISTERED CIVIL ENGINEER
 MAY 1, 2023
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICES
 THE ACCURACY OF ANY INFORMATION
 CONTAINED ON THIS PLAN SHEET.

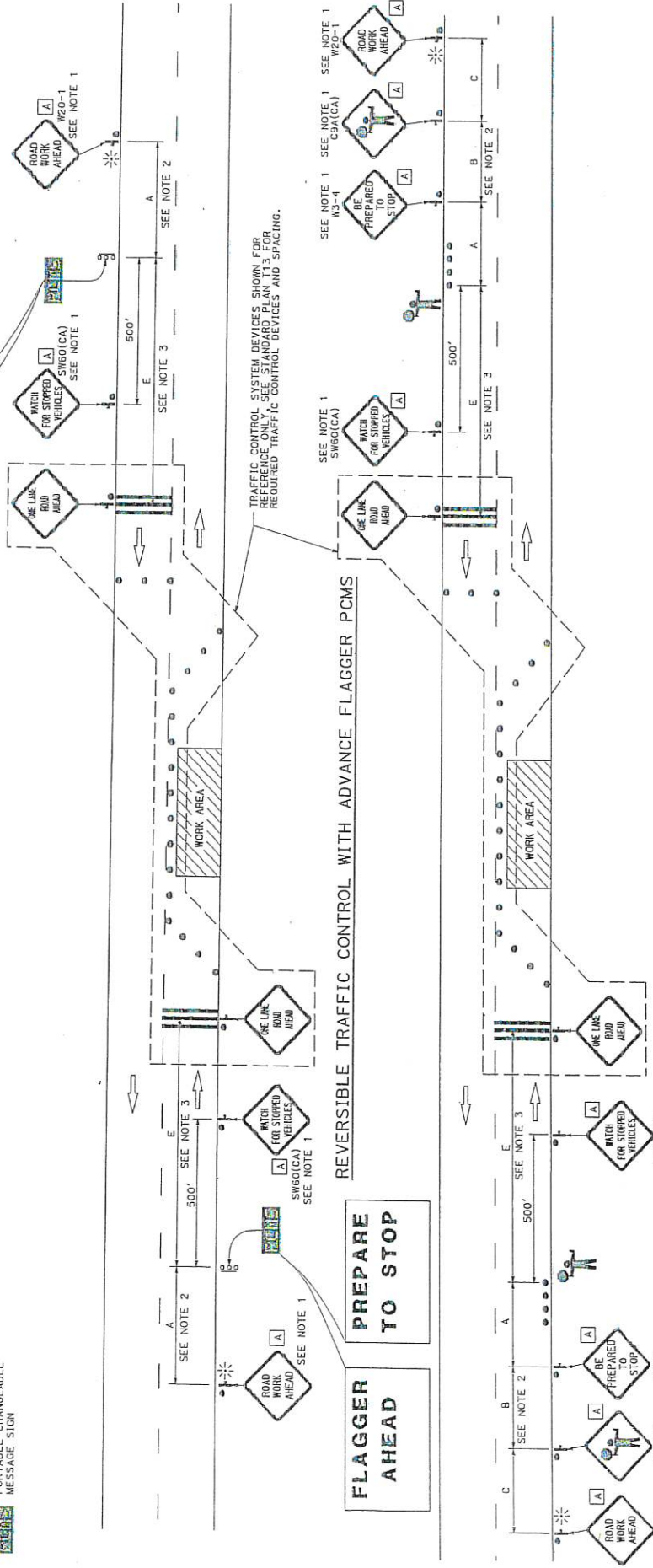
FLAGGER AHEAD

PREPARE TO STOP

SIGN PANEL SIZE (Min):

48" x 48"

- LEGEND:**
- TRAFFIC CONE
 - ⚡ TEMPORARY TRAFFIC CONTROL SIGN
 - ⚡ PORTABLE FLASHING BEACON
 - TRAILER
 - FLAGGER
 - PORTABLE CHANGEABLE MESSAGE SIGN

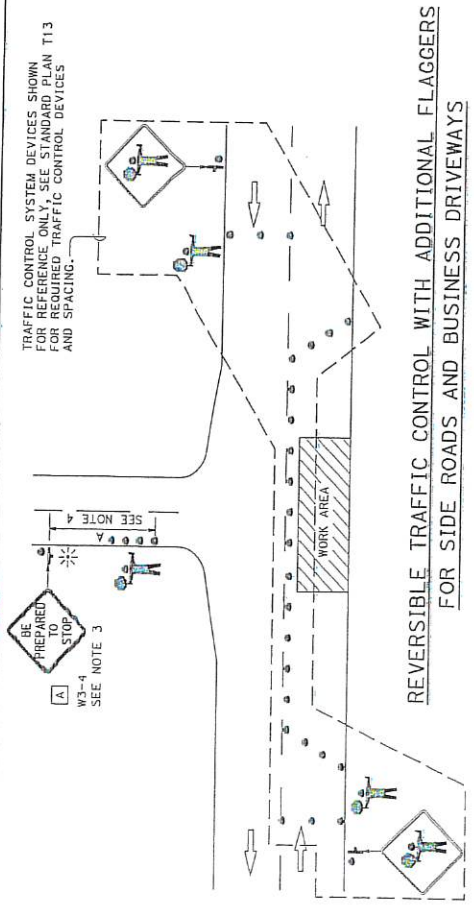


STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL SYSTEM
TWO LANE CONVENTIONAL HIGHWAYS
 NO SCALE
T13A

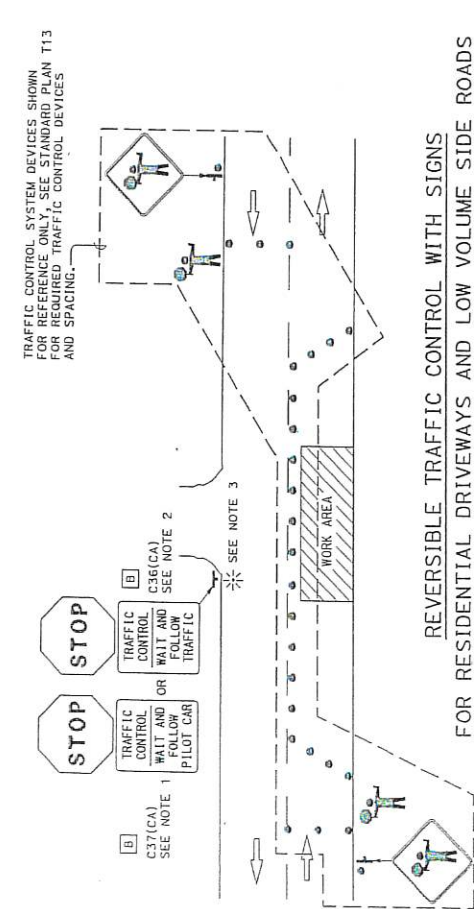
- NOTES:**
1. Sign must be equipped with at least two flags for daytime closures. Flags must be orange in color and at least 6 inches in size. Place flashing beacons as shown for closures during hours of darkness.
 2. See Standard Plan T9, Table 3 for advanced warning sign spacing.
 3. See Standard Specification 12-4.02C.

DIS#	COUNTY	ROUTE	POST MILES	TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

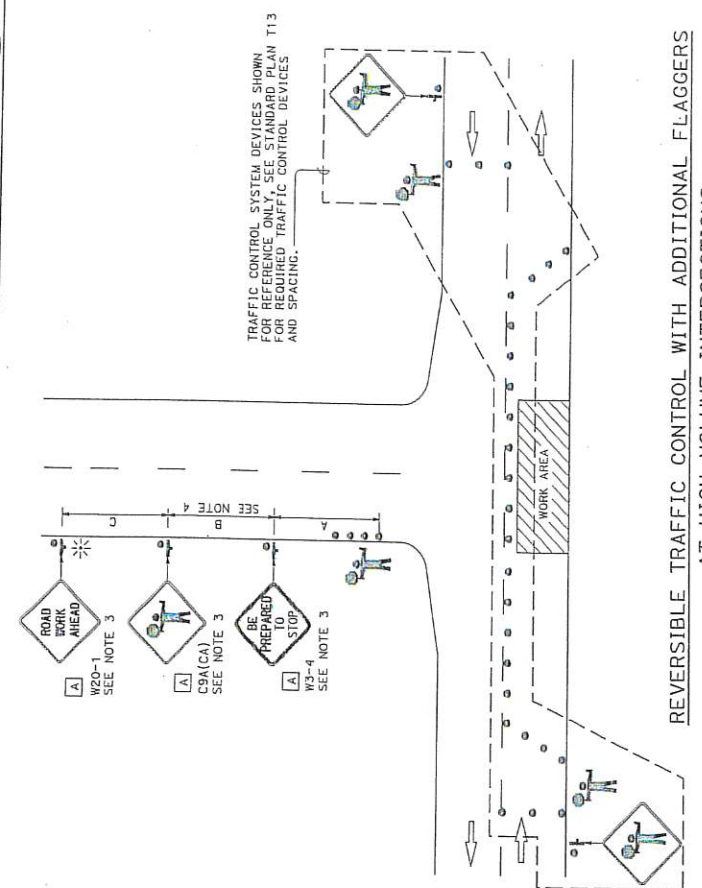
REGISTERED CIVIL ENGINEER
Charles D. Sengco
 MOY 1, 2023
 PLANS APPROVAL DATE
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 CIVIL
 NO. 48888
 REFERENCE TO THE PROJECT SHEETS
 IN THESE PLANS SHALL BE TO THE
 ACCORDING TO THE COMPLETENESS OF SCANNED
 COPIES OF THIS PLAN SHEET.



REVERSIBLE TRAFFIC CONTROL WITH ADDITIONAL FLAGGERS
 FOR SIDE ROADS AND BUSINESS DRIVEWAYS



REVERSIBLE TRAFFIC CONTROL WITH SIGNS
 FOR RESIDENTIAL DRIVEWAYS AND LOW VOLUME SIDE ROADS



REVERSIBLE TRAFFIC CONTROL WITH ADDITIONAL FLAGGERS
 AT HIGH VOLUME INTERSECTIONS

- NOTES:**
- Place C37(CA) sign when pilot car is used.
 - Place C36(CA) sign when pilot car is not used.
 - Sign must be equipped with at least two flags for daytime closures. Flag must be in color or at least 16 inches by 16 inches in size. Place flashing beacons as shown for closures during hours of darkness.
 - See Standard Plan T9, Table 3 for advance warning sign spacing.
- LEGEND:**
- TRAFFIC CONE
 - ⚡ TEMPORARY TRAFFIC CONTROL SIGN
 - ⚡ PORTABLE FLASHING BEACON
 - ⚡ FLAGGER

SIGN PANEL SIZE (Min)

A	48" x 48"
B	36" x 42"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL SYSTEM
TWO LANE CONVENTIONAL HIGHWAYS
 NO SCALE

T13B

0.5-1	COUNTY	ROUTE	POST MILES	SHEET TOTAL
			TOTAL PROJECT	NO. SHEETS

REGISTERED CIVIL ENGINEER
 Charles D. S. [Signature]
 No. 33124
 CIVIL
 STATE OF CALIFORNIA

THIS APPROVAL DATE: May 1, 2023
 I, THE ENGINEER, HEREBY CERTIFY THAT THE DESIGN AND CONSTRUCTION OF THIS PLAN SHEET, AND THE WORK THEREON, ARE MY OWN ORIGINAL WORK AND NOT A REPRODUCTION OF ANY OTHER WORK.

- LEGEND**
- TRAFFIC CONE
 - † TEMPORARY TRAFFIC CONTROL SIGN
 - ‡ BARRICADES
 - ⚡ PORTABLE FLASHING BEACON

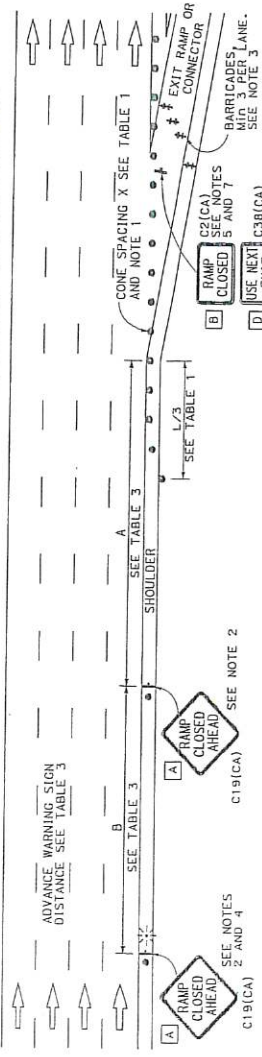
SIGN PANEL SIZE (MIN)

A	48" x 48"
B	48" x 30"
C	36" x 36"
D	48" x 36"

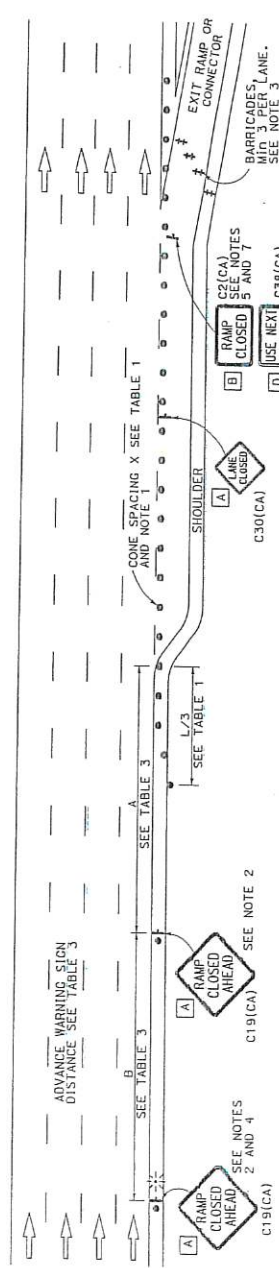
NOTES:

- Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
- Each advance warning C19(CA) "RAMP CLOSED AHEAD" sign shall be equipped with at least two flags for daytime use. The flags shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. A flashing beacon shall be placed on top of the first C19(CA) sign during hours of darkness.
- Barricades shall be Type I, II or III for closures lasting one week or less and Type III for closures lasting longer than one week.
- In addition to placing the C19(CA) "RAMP CLOSED AHEAD" and C30(CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "CLOSED" shall be placed on the signs. As directed by the Engineer on all guide signs that refer to the closed ramp, the letter size on the overlay shall be the same as the guide sign.
- The existing "EXIT" signs shall be covered during ramp closures.
- A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.
- C2(CA) sign shall be black and white.

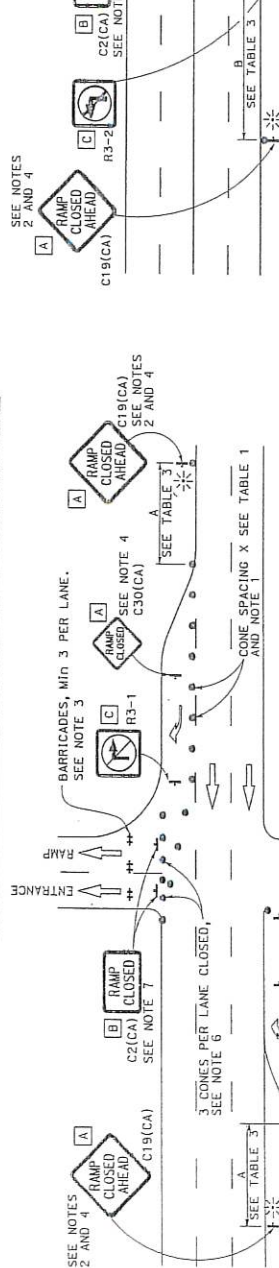
TYPICAL RAMP CLOSURES



EXIT RAMP OR CONNECTOR



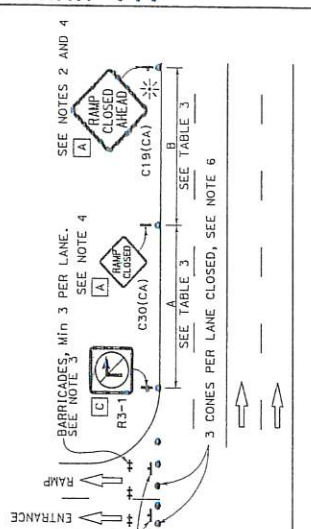
EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



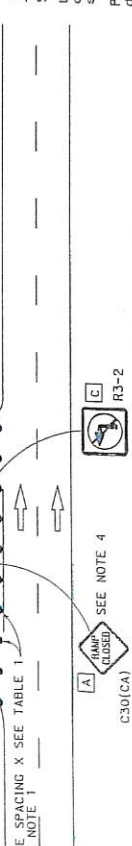
NOTES:

- See Standard Plan T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Provide at least one person to continuously maintain traffic control devices for lane closures.

ENTRANCE RAMP WITHOUT TURNING POCKETS



ENTRANCE RAMP WITH TURNING POCKETS



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR RAMP CLOSURE**
 NO SCALE

T14

APPLICATION TO INITIATE FEASIBILITY STUDY TO ENCROACH

1. Describe location by street name and intersecting street: _____

2. Describe what will be installed in the public right-of-way and state the purpose of this request (include any applicable Conditional Use Permit, Site Plan Review, or Rezone Numbers): _____

3. Submit a detailed 8 1/2 " x 11" map, drawn to scale, which depicts the encroaching items and identifies the limits of this application. Applications will not be processed without an acceptable map.
4. Applicant shall provide a copy of the deed that indicates current ownership of the subject property and which contains a complete legal description of the subject property.

5. Encroachment Feasibility Study fee to be paid at time of application - \$765.00
(Per Master Fee Schedule effective 07/01/13). Make checks payable to the City of Fresno

6. General Information:

- a. The Feasibility Study process may require approximately six weeks to complete.
- b. The applicant will receive a letter from Public Works with the results of the study, which will detail any conditions of approval or reasons for denial of the application.
- c. The Encroachment Covenant will be prepared by Public Works and forwarded to the Applicant for execution. The property owner's signatures must be notarized.
- d. After Applicant returns the signed document to Public Works, signatures of the Public Works Director and Deputy City Attorney will be affixed and the document will be recorded with the Fresno County Recorder's Office.
- d. Applicants will receive a copy of the recorded document, which completes the process.
- e. Contact Jeff Beck, Engineer, at 621-8560 for additional information.

7. Submit applications and fees to: PW/ROW Section
Public Works Department - Engineering Division
2600 Fresno Street - 4th Floor
Fresno, CA 93721

Applicant: _____
Phone: _____
Mailing Address: _____
Representing (Property Owner): _____
Assessors Parcel Number(s): _____

Date Fee Paid: _____ Cashier Memo No.: _____
Received By: _____

See City of Fresno Municipal Code Section 13-219 on the reverse side of this application

MUNICIPAL CODE CITY OF FRESNO

SECTION 13-219 ENCROACHMENT IN A PUBLIC RIGHT-OF-WAY

- a) No person shall encroach upon any public right-of-way of the City unless and until such person first obtains and maintains in force and effect a valid Encroachment agreement issued by the Director. The Director may issue a Street Work permit only when the following conditions have been met.
 - 1) The record owners of the real property adjacent to the encroachment area have executed and recorded an encroachment covenant agreement approved by the City Attorney indemnifying the City for all liability resulting from the use or occupation of the encroachment area.
 - 2) An application for a Street Work permit has been completed on a form designated by the Director which describes the purpose for the encroachment and the work to be done therein.
 - 3) Fees relating to the issuance of the Street Work permit, as established by the Master Fee Resolution, have been paid.
 - 4) The Director determines that the issuance of the Street Work permit, will meet a legitimate purpose of the applicant, and that such purpose cannot be feasibly accomplished by any means other than through the issuance of an encroachment permit.
 - 5) The Director determines that the issuance of an encroachment permit will not be detrimental to the public health, safety, and welfare.
- b) The applicant shall comply with all additional terms, conditions, and restrictions incorporated within the permit and/or covenant which the Director may impose.
- c) Issuance of an encroachment agreement shall not relieve the applicant from the obligation of obtaining a street work permit pursuant to Section 13-202 for any work to be done in the public right-of-way contiguous to, or within, the area of encroachment.
- d) The Director shall revoke any Street Work permit upon determining that the applicant has failed to comply with one or more of the terms, conditions, or restrictions incorporated in the permit or the covenant and shall order the removal of all structures from the encroachment area. [This Subsection shall not apply to Subdivision 12-328(F) of the Outdoor Dining Ordinance.]
- e) The decision of the Director, or any term, condition, or restriction imposed, may be appealed to the Council pursuant to the provisions of Section 13-216 of this Code. (Added Ord. 79-80, ' 1, eff. 6-1-79; Am. Ord. 80-115, ' 113, eff. 8-8-80).



CITY of CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

ENCROACHMENT PERMIT APPLICATION

Project Location

Duration of project

Start Date

Description of Work

Print Name of Applicant

Company Name

Address, City, State, Zip

E-Mail

Phone

Provide the following information for all Contractors who will work under this Permit

1. Liability Insurance Cert (for each contractor) with City of Clovis listed as additionally insured.

2. Traffic Control Plan per CAMUTCD standards when affecting vehicular or pedestrian traffic.

3. Name of Contractor or Sub

CSLB #

City of Clovis Business License #

The undersigned hereby applies for permission to excavate, construct and or otherwise encroach on the public Right-of-Way or easement by performing the afore mentioned work in accordance with the City of Clovis Standard Drawings, Specifications, the submitted plans and or any other documents attached to the approved permit. CMC 7.2.01-7.2.08

Signature of Applicant

Date

TO SUBMIT THIS FORM AND ADD ATTACHMENTS PRESS BUTTON



THIS AREA IS FOR CITY OF CLOVIS USE ONLY



CITY OF PARLIER

Building Department

1100 E. Parlier Avenue

Parlier, CA 93648

(559) 646-3545; FAX (559) 646-0416

A Community with a vision to the Future. ~Una Comunidad con vision at futuro. !Incorporated November 14, 1921, Founded 1870

APPLICATION FOR BUILDING PERMIT

(COMPLETE ALL FIELDS BELOW, PRINT CLEARLY AND IDENTIFY THE APPLICANT BY CHECKING THE APPROPRIATE BOX)

ADDRESS OF PROPOSED CONSTRUCTION:

SCOPE OF WORK:

ESTIMATED COST OF WORK:

CONTACT INFORMATION:

PROPERTY OWNER:

APPLICANT:

NAME: _____ PHONE #: _____

ADDRESS: _____

EMAIL ADDRESS: _____

CONTRACTOR INFORMATION:

APPLICANT:

NAME: _____ PHONE #: _____

ADDRESS: _____

EMAIL ADDRESS: _____ LIC #: _____

WORKERS' COMP: _____ POLICY #: _____

DESIGNER INFORMATION:

APPLICANT:

ARCHITECT ENGINEER OTHER: _____

NAME: _____ PHONE #: _____

ADDRESS: _____

EMAIL ADDRESS: _____ LIC #: _____

All provisions of the building code and other City ordinances will be complied with, whether specified herein or not. Plans approved by Department form a part this application. I hereby certify that the statements contained herein are true and correct to the best of my knowledge and belief. I further certify that I am authorized by the owner to make the foregoing application and that before I accept my permit for which this application is made, the owner shall be made aware of all conditions of the permit. I understand that if I knowingly make any false statement herein I am subject to such penalties as may be prescribed by law or ordinance.

APPLICANT'S SIGNATURE: _____

DATE: _____



City of San Joaquin

Community Development Department
21900 Colorado Avenue
San Joaquin, CA 93660
(559) 693-4311
<http://www.cityofsanjoaquin.org>

Encroachment Permit #: _____

Project Name: _____

Permit Requestor (Name/Company): _____

Project Address/Location: _____

Project Description (attach drawings and/or description as necessary): _____

Traffic Control Plan (attach)

Operating Days: _____ Operating Hours: _____

Operating Date(s): _____

Please read carefully before signing or filing.

Submission of this application does not imply approval of this permit by the City of San Joaquin. Application approval will become null and void if it is determined that approval was based on omissions or inaccurate information submitted by the applicant.

Primary Contact, check all that apply: Applicant Other Agent/Representative

Applicant _____

Applicant Address _____

Day Phone _____ E-mail Address _____

Agent/Representative _____

Agent/Representative Address _____

Day Phone _____ E-mail Address _____

I hereby declare under penalty of perjury that this application and all information submitted as part of this application are true and accurate to the best of my knowledge.

Applicant's Signature _____ Date _____



City of San Joaquin

Community Development Department
21900 Colorado Avenue
San Joaquin, CA 93660
(559) 693-4311
<http://www.cityofsanjoaquin.org>

Authorization

AGENT:

I designate _____, to act as my duly authorized
(Agent's Name/Company)

agent for all purposes necessary for this Encroachment Permit:

relative to the property mentioned herein.

DECLARATION:

I declare under penalty of perjury the foregoing is true and correct.

Executed on this date, _____.

AGENT

(Signature of Agent)

(Agent Mailing Address)

(Agent Telephone)

(Note: Attach acknowledgment of signatures(s) by Notary Public if executed outside State of California)

APPROVED: CITY OF SAN JOAQUIN

By: _____ Date: _____

SELF-DEALING TRANSACTION DISCLOSURE FORM

(1) Company Board Member Information:

Name: _____ Date: _____

Job Title: _____

(2) Company/Agency Name and Address:

(3) Disclosure (Please describe the nature of the self-dealing transaction you are a party to)

(4) Explain why this self-dealing transaction is consistent with the requirements of Corporations Code 5233 (a)

(5) Authorized Signature

Signature: _____ Date: _____

SELF-DEALING TRANSACTION DISCLOSURE FORM INSTRUCTIONS

In order to conduct business with the County of Fresno (hereinafter referred to as "County"), members of a contractor's board of directors (hereinafter referred to as "County Contractor"), must disclose any self-dealing transactions that they are a party to while providing goods, performing services, or both for the County. A self-dealing transaction is defined below:

"A self-dealing transaction means a transaction to which the corporation is a party and which one or more of its directors has a material financial interest"

The definition above will be utilized for purposes of completing the disclosure form.

- (1) Enter board member's name, job title (if applicable), and date this disclosure is being made.
- (2) Enter the board member's company/agency name and address.
- (3) Describe in detail the nature of the self-dealing transaction that is being disclosed to the County. At a minimum, include a description of the following:
 - a. The name of the agency/company with which the corporation has the transaction; and
 - b. The nature of the material financial interest in the Corporation's transaction that the board member has.
- (4) Describe in detail why the self-dealing transaction is appropriate based on applicable provisions of the Corporations Codes.
- (5) Form must be signed by the board member that is involved in the self-dealing transaction described in Sections (3) and (4).

BID BOOK

ROAD PRESERVATION TREATMENTS VARIOUS LOCATIONS IN FRESNO COUNTY

BUDGET / ACCOUNT: 4510 / 7370



Department of Public Works and Planning

CONTRACT NUMBER 24-06-M

BID BOOK TABLE OF CONTENTS

ROAD PRESERVATION TREATMENTS CONTRACT NUMBER 24-06-M

PROPOSAL NUMBER(S)	TITLE
NOT APPLICABLE	INSTRUCTIONS FOR COMPLETING THE BID BOOK
1	PROPOSAL TO THE BOARD OF SUPERVISORS OF THE COUNTY OF FRESNO
2	BID ITEM LIST
3	EVALUATION OF BID ITEM LIST
4	BID SECURITY
5	NON-COLLUSION DECLARATION
6	PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT
7	PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE AND PUBLIC CONTRACT CODE 10232 STATEMENT
8	SUBCONTRACTORS
9 - 15	NOT USED
16	OPT OUT OF PAYMENT ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS
17	GUARANTY
18	TITLE 13, CALIFORNIA CODE OF REGULATIONS § 2449(I) GENERAL REQUIREMENTS FOR IN-USE OFF-ROAD DIESEL-FUELED FLEETS

INSTRUCTIONS FOR COMPLETING THE BID BOOK FOR NON-FEDERAL AID PROJECTS

General

Complete forms in the *Bid* book.

Submit an electronic bid online at <http://www.BidExpress.com> or submit a hardcopy bid:

1. Under sealed cover addressed to the Department and labeled with the name of the bidder, contract number, the name of the project and the statement 'Do Not Open Until The Time Of Bid Opening.'
2. Marked as a bid
3. Identifying the contract number and the bid opening date

Certain bid forms must be submitted with the bid and properly executed.

Certain other forms and information must be submitted either with the bid or within the prescribed period after bid opening as specified elsewhere in these special provisions.

Failure to submit the forms and information as specified results in a nonresponsive bid.

If an agent other than the authorized corporation officer or a partnership member signs the bid, file a Power of Attorney with the Department either before opening bids or with the bid. Otherwise, the bid may be nonresponsive.

Bid Item List and Bid Comparison

Submit a bid based on the bid item quantities the Department shows on the Bid Item List. Bids will be evaluated and the low bidder determined as indicated in the *Notice to Bidders*.

Bid Document Completion

Proposal items are identified by title and by the word "Proposal" followed by the number assigned to the proposal item in question. Proposal items are included in the *Bid Book*.

Proposal to the Board of Supervisors of Fresno County – Proposal 1

Provided for information.

Bid Item List – Proposal 2

One or more sheet(s) or list(s) upon which the bidder completes the bid.

Fill out completely including a unit price and total for each unit price-based item and a total for each lump sum item.

Do not make any additions such as "plus tax", "plus freight", or conditions such as "less 2% if paid by 15th".

Use ink or typewriter for paper bids.

Evaluation of Bid Item List – Proposal 3

Describes how inconsistencies and irregularities are evaluated and corrected when Design Services reviews the Bid Item List.

Bid Security and Signature – Proposal 4

Submit one of the following forms of bidder's security equal to at least 10 percent of the bid:

- Cash
- Cashier's check
- Certified check
- Signed bidder's bond by an admitted surety insurer

Indicate type of bid security provided.

- Cash – Acceptable but not recommended. Cash is deposited in a clearing account and is returned to bidders by County warrant. This process may take several weeks.
- Cashier’s or Certified Checks. This type of security is held until the bid is no longer under consideration. If submitted by a potential awardee, they will be returned when the contract is fully executed by the bidder and bonds and insurance have been approved.
- Bid Bonds - Must be signed by the bidder and by the attorney-in-fact for the bonding company. Provide notarized signature of attorney-in-fact accompanied by bonding company’s affidavit authorizing attorney-in-fact to execute bonds. An unsigned bid bond will be cause for rejection.

Bonding companies may provide their own bid bond forms. The Bid Security and Signature sections must be completed by the bidder and submitted with their bid.

Acknowledge Addenda

Provide contractor’s license information.

State business name and if business is a:

- Corporation - list officers
- Partnership - list partners
- Joint Venture - list members; if members are corporations or partnerships, list their officers or partners.
- Individual - list Owner’s name and firm name style

Signature of Bidder - the following lists types of companies and corresponding authorized signers.

- Corporation - by an officer
- Partnership - by a partner
- Joint Venture - by a member
- Individual - by the Owner

If signature is by a Branch Manager, Estimator, Agent, etc., the bid must be accompanied by a power of attorney authorizing the individual to sign the bid in question or to sign bids more generally, otherwise the bid may be rejected.

- Business Address - Firm’s Street Address
- Mailing Address - P.O. Box or Street Address
- Complete, sign, and return with bid.

Noncollusion Declaration – Proposal 5

Must be completed, signed, and returned with bid.

Public Contract Code Section 10285.1 Statement – Proposal 6

Select “has” or “has not” in accordance with instructions on form, return completed form with bid. Note that signing the bid constitutes signing this statement.

Public Contract Code Section 10162 Questionnaire And Public Contract Code 10232 Statement – Proposal 7

Select “yes” or “no” accordance with instructions on form, include explanation if “yes” is selected. Return completed form with bid. Note that signing the bid constitutes signing this questionnaire and statement.

Subcontractors – Proposal 8

Sheet(s) or spaces where bidders list subcontractors. List each subcontractor to perform work in an amount in excess of 1/2 of 1 percent of the total bid or \$10,000, whichever is greater (Pub Cont Code § 4100 et seq.).

The *Subcontractor List* submitted with the bid must show the name, location of business, work portions to be performed, the contractor's license number and the public works contractor registration number issued pursuant to Labor Code Section 1725.5, for each listed subcontractor.

- Use subcontractor's business name style as registered with the License Board.
- Specify the city in which the subcontractor's business is located and the state if other than California.
- Description of the work to be performed by the subcontractor. Indicate with bid item numbers from the bid item list and/or work descriptions similar to those on bid item list.
- List license number for each subcontractor.

Upon request from Design Services, provide the following additional information within 24 hours of bid opening if not included on the *Subcontractor List* submitted with the bid:

- Complete physical address for each subcontractor listed.
- Percentage of the total bid or dollar amount associated with each subcontractor listed.
- Department of Industrial Relations registration number.

Proposal 9 - Proposal 15 – Not Used

Proposal 16 - *Opt Out of Payment Adjustments for Price Index Fluctuations*

You may opt out of the payment adjustments for price index fluctuations specified in section 9-1.07. To opt out, submit a completed *Opt Out of Payment Adjustments for Price Index Fluctuations* form with your bid.

Guaranty - Proposal 17

This document may, but does not need to be, submitted with the bid. It is part of the contract documents and must be separately signed and submitted by the contractor to whom the award is made, together with the executed Agreement.

Title 13, California Code of Regulations § 2449(i) General Requirements for In-Use Off-Road Diesel-Fueled Fleets – Proposal 18

Contractors, if applicable, must submit valid Certificates of Reported Compliance with their bid. Subcontractor certificates will be due no later than 4:00 PM on the fifth (5th) calendar day after the bid opening if not submitted with the bid.

PROPOSAL TO THE COUNTY OF FRESNO

hereinafter called the Owner

ROAD PRESERVATION TREATMENTS

VARIOUS LOCATIONS IN FRESNO COUNTY

The work embraced herein shall be done in accordance with the 2015 Standard Specifications and with the 2015 Standard Plans, of the State of California, Department of Transportation insofar as the same may apply and in accordance with these special provisions.

Except to the extent that they may conflict with these special provisions, revised Standard Specifications apply to the extent included in the section entitled "Project Details" of the book entitled "Specifications."

The undersigned, as bidder, declares that the only persons, or parties interested in this proposal as principals are those named herein, that this proposal is made without collusion with any other person, firm or corporation; that they have carefully examined the location of the proposed work, the annexed proposed form of contract, and the plans therein referred to; and they propose and agrees if this proposal is accepted, that they will contract with the Owner to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the contract in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that they will take in full payment therefor the following unit prices, to-wit:

Fresno County Department of Public Works and Planning

Bid Item List - Proposal 2

Contract #

24-06-M

Contract Name

Road Preservation Treatments

Location

Various Locations in Fresno County

Chip Seals Base Bid (Locations 1 to 8)

Item ID	Quantity	Unit	Unit Price	Total
Description				
1	160,000	\$	\$1	\$160,000
Supplemental Work				
2	167,000	\$	\$1	\$167,000
Supplemental Work (Payment Adjustment for Price Index Fluctuation)				
3	1	LS	\$	\$
Lead Compliance Plan				
4	2	EA	\$	\$
Construction Funding Sign				
5	1	LS	\$	\$
Traffic Control System				
6	1	LS	\$	\$
Job Site Management				
7	200	SQYD	\$	\$
Temporary Cover				
8	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
9	10	EA	\$	\$
Temporary Drainage Inlet Protection				

Item ID	Quantity	Unit	Unit Price	Total
10	1,530	TON	\$	\$
Sand Cover				
11	521	TON	\$	\$
Polymer Asphaltic Emulsion (Seal Coat)				
12	4,845	TON	\$	\$
Medium Chips (3/8")				
13	133	TON	\$	\$
Asphaltic Emulsion (Flush Coat)				
14	167,023	LF	\$	\$
4" Thermoplastic Traffic Stripe (Sprayable)				
15	54,294	LF	\$	\$
Paint Traffic Stripe (2-Coat)				
16	189	SF	\$	\$
Paint Pavement Marking (2-Coat) (Bike Lane Symbol with Arrow)				
17	201,493	LF	\$	\$
Remove Thermoplastic Traffic Stripe				
18	936	EA	\$	\$
Pavement Marker Retroreflective (Type D)				
19	13	EA	\$	\$
Pavement Marker Retroreflective (Type G)				
20	248	EA	\$	\$
Pavement Marker Retroreflective (Type H)				
21	120	EA	\$	\$
Pavement Marker (White P-Dot)				

Item ID	Quantity	Unit	Unit Price	Total
22	1	LS	\$	\$
Removal Pavement Retroreflective Marker				
23	1,117	SF	\$	\$
Thermoplastic Pavement Markings				
24	1,117	SF	\$	\$
Removal Thermoplastic Pavement Marking				
25	1	LS	\$	\$
Mobilization				

Cape Seals Base Bid (Locations C1 to C3)

Item ID	Quantity	Unit	Unit Price	Total
26	1	LS	\$	\$
Traffic Control System				
27	1	LS	\$	\$
Job Site Management				
28	75	SQYD	\$	\$
Temporary Cover				
29	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
30	186	TON	\$	\$
Polymer Asphaltic Emulsion (Seal Coat)				
31	1,733	TON	\$	\$
Medium Chips (3/8")				
32	1,014	TON	\$	\$
Polymer Modified Asphaltic Emulsion (Type II)				

Item ID	Quantity	Unit	Unit Price	Total
33	18,780	LF	\$	\$
4" Thermoplastic Traffic Stripe Extrude (Detail 5)				
34	4,955	LF	\$	\$
4" Thermoplastic Traffic Stripe Extrude (Detail 18)				
35	280	LF	\$	\$
4" Thermoplastic Traffic Stripe Extrude (Detail 19)				
36	1,711	LF	\$	\$
4" Thermoplastic Traffic Stripe Extrude (Detail 21)				
37	10,775	LF	\$	\$
4" Thermoplastic Traffic Stripe Extrude (Detail 22)				
38	1,780	LF	\$	\$
4" Thermoplastic Traffic Stripe Extrude (Detail 38)				
39	350	SF	\$	\$
Thermoplastic Pavement Marking Crosswalk Yellow				
40	150	SF	\$	\$
Thermoplastic Pavement Marking Crosswalk White				
41	297	SF	\$	\$
Thermoplastic Pavement Marking (Slow School Xing)				
42	66	SF	\$	\$
Thermoplastic Pavement Marking (Signal Ahead)				
43	212	SF	\$	\$
Thermoplastic Pavement Marking (Stop Ahead)				
44	457	SF	\$	\$
Thermoplastic Pavement Marking (Limit Stop Bar)				

Item ID	Quantity	Unit	Unit Price	Total
45	132	SF	\$	\$
Thermoplastic Pavement Marking (Stop)				
46	405	SF	\$	\$
Thermoplastic Pavement Marking (Turn Arrow IV)				
47	908	EA	\$	\$
Pavement Marker (Type D)				
48	90	EA	\$	\$
Pavement Marker (Type H)				
49	1	LS	\$	\$
Remove Pavement Marker				
50	38,281	LF	\$	\$
Remove Thermoplastic Traffic Stripe				
51	2,069	LF	\$	\$
Remove Thermoplastic Pavement Marking				
52	1	LS	\$	\$
Mobilization				

Slurry Seals Base Bid (Locations S1 to S2)

Item ID	Quantity	Unit	Unit Price	Total
53	1	LS	\$	\$
Traffic Control System				
54	1	LS	\$	\$
Job Site Management				
55	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				

Item ID	Quantity	Unit	Unit Price	Total
56	4,912	TON	\$	\$
Polymer Modified Asphaltic Emulsion (Type II)				
57	1	LS	\$	\$
Remove Pavement Marker				
58	344	EA	\$	\$
Pavement Marker (Retroreflective) - Type D Blue				
59	1,428	SF	\$	\$
Thermoplastic Pavement Marking - Limit Line				
60	212	SF	\$	\$
Thermoplastic Pavement Marking - Stop Ahead				
61	132	SF	\$	\$
Thermoplastic Pavement Marking - Stop				
62	430	SF	\$	\$
Thermoplastic Pavement Marking - Yellow Crosswalk				
63	465	SF	\$	\$
Thermoplastic Pavement Marking - White Crosswalk				
64	79	SF	\$	\$
Thermoplastic Pavement Marking - Slow School Xing				
65	2,746	SF	\$	\$
Remove Thermoplastic Pavement Markings				
66	1	LS	\$	\$
Mobilization				
Base Bid Items Total (Items 1 through 66):				\$

Additive 1: Location 9A (El Dorado, 0.3 s/o Cal. Aqueduct)

Item ID	Quantity	Unit	Unit Price	Total
Description				
67	5,000	\$	\$1	\$5,000
Supplemental Work (Including Payment Adjustment for Price Index Fluctuation)				
68	1	LS	\$	\$
Traffic Control System				
69	1	LS	\$	\$
Job Site Management				
70	25	SQYD	\$	\$
Temporary Cover				
71	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
72	87	TON	\$	\$
Sand Cover				
73	39	TON	\$	\$
Polymer Asphaltic Emulsion (Seal Coat)				
74	363	TON	\$	\$
Medium Chips (3/8")				
75	8	TON	\$	\$
Asphaltic Emulsion (Flush Coat)				
76	10,803	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 5)				
77	300	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 18)				
78	450	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 21)				

Item ID	Quantity	Unit	Unit Price	Total
79	380	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 28)				
80	1	LS	\$	\$
Mobilization				

Additive Bid Items Total (Items 67 through 80):

\$

Additive 2: Location 10A (El Dorado, Dorris Ave (SR198))

Item ID	Quantity	Unit	Unit Price	Total
81	5,000	\$	\$1	\$5,000
Supplemental Work (Including Payment Adjustment for Price Index Fluctuation)				
82	1	LS	\$	\$
Traffic Control System				
83	1	LS	\$	\$
Job Site Management				
84	25	SQYD	\$	\$
Temporary Cover				
85	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
86	119	TON	\$	\$
Sand Cover				
87	40	TON	\$	\$
Polymer Asphaltic Emulsion (Seal Coat)				
88	370	TON	\$	\$
Medium Chips (3/8")				

Item ID	Quantity	Unit	Unit Price	Total
89	11	TON	\$	\$
Asphaltic Emulsion (Flush Coat)				
90	9,980	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 5)				
91	300	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 18)				
92	280	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 21)				
93	22	SF	\$	\$
Thermoplastic Pavement Marking - Stop				
94	60	SF	\$	\$
Thermoplastic Pavement Marking - Limit Line				
95	53	SF	\$	\$
Thermoplastic Pavement Marking - Stop Ahead				
96	135	SF	\$	\$
Removal Thermoplastic Pavement Marking				
97	1	LS	\$	\$
Mobilization				

Additive Bid Items Total (Items 81 through 97):

\$

Additive 3: Location 11A (El Dorado, SR145 to 1.10 s/o SR145)

Item ID	Quantity	Unit	Unit Price	Total
98	5,000	\$	\$1	\$5,000
Supplemental Work (Including Payment Adjustment for Price Index Fluctuation)				

Item ID	Quantity	Unit	Unit Price	Total
99	1	LS	\$	\$
Traffic Control System				
100	1	LS	\$	\$
Job Site Management				
101	25	SQYD	\$	\$
Temporary Cover				
102	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
103	22	TON	\$	\$
Polymer Asphaltic Emulsion (Seal Coat)				
104	82	TON	\$	\$
Sand Cover				
105	204	TON	\$	\$
Medium Chips (3/8")				
106	8	TON	\$	\$
Asphaltic Emulsion (Flush Coat)				
107	5,430	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 5)				
108	375	LF	\$	\$
4" Paint Traffic Stripe (Sprayable) (Detail 18)				
109	22	SF	\$	\$
Thermoplastic Pavement Marking (Stop)				
110	53	SF	\$	\$
Thermoplastic Pavement Marking (Stop Ahead)				

Item ID	Quantity	Unit	Unit Price	Total
111	12	SF	\$	\$
Thermoplastic Pavement Marking (Limit Line)				
112	87	SF	\$	\$
Removal Thermoplastic Pavement Marking				
113	1	LS	\$	\$
Mobilization				
Additive Bid Items Total (Items 98 through 113):				\$

Additive 4: Location S3A (Malaga Area)

Item ID	Quantity	Unit	Unit Price	Total
114	10,000	\$	\$1	\$10,000
Supplemental Work				
115	20,000	\$	\$1	\$20,000
Supplemental Work (Payment Adjustments for Price Index Fluctuations)				
116	1	LS	\$	\$
Traffic Control System				
117	1	LS	\$	\$
Job Site Management				
118	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
119	490	TON	\$	\$
Polymer Modified Asphaltic Emulsion (Type II)				
120	29	EA	\$	\$
Pavement Marker (Retroreflective) - Type D Blue				

Item ID	Quantity	Unit	Unit Price	Total
121	270	SF	\$	\$
Thermoplastic Pavement Marking - Limit Line				
122	53	SF	\$	\$
Thermoplastic Pavement Marking - Stop Ahead				
123	70	SF	\$	\$
Thermoplastic Pavement Marking - Yellow Crosswalk				
124	158	SF	\$	\$
Thermoplastic Pavement Marking - Slow School Xing				
125	551	SF	\$	\$
Remove Thermoplastic Pavement Markings				
126	1	LS	\$	\$
Mobilization				

Additive Bid Items Total (Items 114 through 126):

\$

Additive 5: Location S4A (Del Rey Area)

Item ID	Quantity	Unit	Unit Price	Total
127	10,000	\$	\$1	\$10,000
Supplemental Work				
128	20,000	\$	\$1	\$20,000
Supplemental Work (Payment Adjustments for Price Index Fluctuations)				
129	1	LS	\$	\$
Traffic Control System				
130	1	LS	\$	\$
Job Site Management				

Item ID	Quantity	Unit	Unit Price	Total
131	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
132	559	TON	\$	\$
Polymer Modified Asphaltic Emulsion (Type II)				
133	42	EA	\$	\$
Pavement Marker (Retroreflective) - Type D Blue				
134	485	LF	\$	\$
Thermoplastic Traffic Stripe - Detail 5				
135	315	LF	\$	\$
Thermoplastic Traffic Stripe - Detail 18				
136	2,525	LF	\$	\$
Thermoplastic Traffic Stripe - Detail 21				
137	423	SF	\$	\$
Thermoplastic Pavement Marking - Limit Line				
138	53	SF	\$	\$
Thermoplastic Pavement Marking - Stop Ahead				
139	79	SF	\$	\$
Thermoplastic Pavement Marking - Stop				
140	168	SF	\$	\$
Thermoplastic Pavement Marking – Yellow Crosswalk				
141	3,325	LF	\$	\$
Remove Thermoplastic Pavement Traffic Stripe				
142	723	SF	\$	\$
Remove Thermoplastic Pavement Markings				

Item ID	Quantity	Unit	Unit Price	Total
Description				
143	1	LS	\$	\$
Mobilization				

Additive Bid Items Total (Items 127 through 143): \$

Additive 6: Location CSA 35M - N. Punjab, Aman, E. Deep Ave Parcel Map No. 4616

Item ID	Quantity	Unit	Unit Price	Total
Description				
144	5,000	\$	\$1	\$5,000
Supplemental Work				
145	5,000	\$	\$1	\$5,000
Supplemental Work (Payment Adjustments for Price Index Fluctuation)				
146	1	LS	\$	\$
Traffic Control System				
147	1	LS	\$	\$
Job Site Management				
148	1	LS	\$	\$
Prepare & Implement Water Pollution Control Program				
149	75	TON	\$	\$
Polymer Modified Asphaltic Emulsion (Type II)				
150	1	LS	\$	\$
Mobilization				

Additive Bid Items Total (Items 144 through 150): \$

Total Bid (Base Bid Items + Additive Items) Items 1 through 150: \$

EVALUATION OF BID PROPOSAL ITEM LIST

Abbreviations used in the bid proposal sheet are identified in Section 1-1.06, "Abbreviations," of these special provisions.

Bids are required for the entire work. Bids will be compared on the basis indicated in the Notice to Bidders. The bidder shall set forth for each unit basis item of work a unit price and a total for the item, and for each lump sum item a total for the item, all in clearly legible figures in the respective spaces provided for that purpose. In the case of unit basis items, the amount set forth under the "Item Total" column shall be the product of the unit price bid and the estimated quantity for the item.

In case of discrepancy between the unit price and the total set forth for a unit basis item, the unit price shall prevail, except as provided in (a) or (b), as follows:

- (a) If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount as the entry in the item total column, then the amount set forth in the item total column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price;
- (b) (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage-wise the unit price or item total in the Owner's Final Estimate of cost.

If both the unit price and the item total are unreadable or otherwise unclear, or are omitted, the bid may be deemed irregular. Likewise, if the item total for a lump sum item is unreadable or otherwise unclear, or is omitted, the bid may be deemed irregular unless the project being bid has only a single item and a clear, readable total bid is provided.

Symbols such as commas and dollar signs will be ignored and have no mathematical significance in establishing any unit price or item total or lump sums. Written unit prices, item totals and lump sums will be interpreted according to the number of digits and, if applicable, decimal placement. Cents symbols also have no significance in establishing any unit price or item total since all figures are assumed to be expressed in dollars and/or decimal fractions of a dollar. Bids on lump sum items shall be item totals only; if any unit price for a lump sum item is included in a bid and it differs from the item total, the items total shall prevail.

The foregoing provisions for the resolution of specific irregularities cannot be so comprehensive as to cover every omission, inconsistency, error or other irregularity which may occur in a bid. Any situation not specifically provided for will be determined in the discretion of the Owner, and that discretion will be exercised in the manner deemed by the Owner to best protect the public interest in the prompt and economical completion of the work. The decision of the Owner respecting the amount of a bid, or the existence or treatment of an irregularity in a bid, shall be final.

If this proposal shall be accepted and the undersigned shall fail to contract, as aforesaid, and to give the two bonds in the sums to be determined as aforesaid, with surety satisfactory to the Owner, within eight (8) days not including Saturdays, Sundays and legal holidays, after the bidder has received notice of award of the contract, the Owner, at its option, may determine that the bidder has abandoned the contract, and thereupon this proposal and the acceptance thereof shall be null and void, and the forfeiture of such security accompanying this proposal shall operate and the same shall be the property of the Owner.

BID SECURITY AND SIGNATURE

Bid Security

Accompanying this proposal is security (check one only) in amount equal to at least ten percent (10%) of the total amount of the bid:

Bid Bond (); Certified Check (); Cashier's Check (); Cash (\$)

Addenda Acknowledgement

Bidder has and acknowledges the following addenda: _____

Bidder Signature

Business Name _____

Note: If bidder or other interested person is a corporation, state legal name of corporation. If bidder is a co-partnership, state true name of firm.

Business Owners and Officers Names _____

Note: If bidder or other interested person is:

- a corporation, list names of the president, secretary, treasurer and manager thereof
- a partnership, list names of all individual co-partners composing firm.
- an individual, state first and last name in full.

Names of Owners and Key Employees _____

Note: List majority owners of your firm. If multiple owners, list all. Also include anyone, including key employees, who are actively promoting the contract. (SB1439)

Licensed in accordance with an act providing for the registration of Contractors:

Class _____ Contractor License No. _____ Expires _____

DIR Registration Number _____

Business Address: _____

Zip Code

Mailing Address: _____

Zip Code

Business Phone: (____)_____ Fax Number: (____)_____

Email Address _____

Signature of Bidder: _____ Dated: _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if bidder is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the co-partnership; and if bidder is an individual, his or her signature shall be placed above. If signature is by an agent, other than an officer of a corporation or a member of a partnership, a Power of Attorney must be on file with the Owner prior to opening bids or submitted with the bid; otherwise, the bid will be disregarded as irregular and unauthorized.

Proposal 4

Contract Number 24-06-M

To the County of Fresno:

NONCOLLUSION DECLARATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID*

The undersigned declares:

I am the _____ of
(Owner, Partner, Corporate Officer (list title), Co-Venturer)

_____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, and has not paid, and will not pay, any person or entity for that purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____, 2024,

at _____, _____.”
[city] [state]

(Signature)

(See Title 23 United States Code Section 112; Calif Public Contract Code Section 7106)

*NOTE: Completing, signing, and returning the Non-Collusion Declaration is a required part of the Proposal. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

PUBLIC CONTRACT CODE

Public Contract Code Section 10285.1 Statement

In conformance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has ____, has not ____ been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

Note: The bidder must place a check mark after "has" or "has not" in one of the blank spaces provided. The above Statement is part of the Bid. Signing this Bid on the signature portion thereof shall also constitute signature of this Statement. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Public Contract Code Section 10162 Questionnaire

In conformance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes _____ No _____

If the answer is yes, explain the circumstances in the following space.

Public Contract Code 10232 Statement

In conformance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

Note: The above Statement and Questionnaire are part of the Bid. Signing this Bid on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

BIDDER: _____

SUBCONTRACTORS:

The following named subcontractor(s) will perform with labor, or otherwise render services to the general contractor in or about the construction of the work or improvement in an amount in excess of one-half of one percent of the total bid presented herewith **or \$10,000, whichever is greater**. Each listed subcontractor's name, location of business and description of work, and both their contractor's license number and public works contractor registration number, issued pursuant to Section 1725.5 of the Labor Code, are **REQUIRED**, by Section 4104 of the California Public Contract Code, to be submitted prior to bid opening. (The "location of business" must specify the city in which the subcontractor's business is located, and the state if other than California.) All other requested information shall be submitted, either with the bid or within 24 hours after bid opening.

Please fill out as completely as possible when submitting your bid. Use subcontractor's business name style as registered with the License Board.

FAILURE TO LIST SUBCONTRACTORS AS DIRECTED MAY RENDER THE BID NON-RESPONSIVE, OR MAY RESULT IN ASSESSMENT OF A PENALTY AGAINST THE BIDDER IN ACCORDANCE WITH SECTION 4110 OF THE CALIFORNIA PUBLIC CONTRACT CODE.

<p>SUBCONTRACTOR: _____</p> <p>Business Address: _____</p> <p>Class ____ License No. _____ DIR Registration No. _____</p> <p>Item No. or Description of Work: _____</p> <p>Dollar Amount _____ OR Percentage of Total Bid _____</p> <p>Email Address: _____</p>
<p>SUBCONTRACTOR: _____</p> <p>Business Address: _____</p> <p>Class ____ License No. _____ DIR Registration No _____</p> <p>Item No. or Description of Work: _____</p> <p>Dollar Amount _____ OR Percentage of Total Bid _____</p> <p>Email Address: _____</p>

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

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Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

SUBCONTRACTOR: _____
Business Address: _____
Class ____ License No. _____ DIR Registration No. _____
Item No. or Description of Work: _____
Dollar Amount _____ **OR** Percentage of Total Bid _____
Email Address: _____

OPT OUT OF PAYMENT ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS

You may opt out of the payment adjustments for price index fluctuations as specified in Section 2-1.31, "OPT OUT OF PAYMENT ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS," of the special provisions.

You can only elect to opt out of payment adjustments for price index fluctuations if you complete this form and submit it with your bid. The individual signing this form must be duly authorized to sign a bid.

By signing this form, I hereby opt out of the payment adjustments for price index fluctuations for the above-named project.

Bidder: _____

Name (Printed): _____

Signature: _____

Title: _____

(This guaranty shall be executed by the successful bidder in accordance with instructions in the special provisions. The bidder may execute the guaranty on this page at the time of submitting his bid.)

G U A R A N T Y

To the Owner: County of Fresno

CONTRACT NUMBER 24-06-M

The undersigned guarantees the construction and installation of the following work included in this project:

ALL WORK

Should any of the materials or equipment prove defective or should the work as a whole prove defective, due to faulty workmanship, material furnished or methods of installation, or should the work or any part thereof fail to operate properly as originally intended and in accordance with the plans and specifications, due to any of the above causes, all within twelve (12) months after date on which this contract is accepted by the Owner, the undersigned agrees to reimburse the Owner, upon demand, for its expenses incurred in restoring said work to the condition contemplated in said project, including the cost of any such equipment or materials replaced and the cost of removing and replacing any other work necessary to make such replacement or repairs, or, upon demand by the Owner, to replace any such material and to repair said work completely without cost to the Owner so that said work will function successfully as originally contemplated.

The Owner shall have the unqualified option to make any needed replacement or repairs itself or to have such replacements or repairs done by the undersigned. In the event the Owner elects to have said work performed by the undersigned, the undersigned agrees that the repairs shall be made and such materials as are necessary shall be furnished and installed within a reasonable time after the receipt of demand from the Owner.

Name (Printed): _____

Signature: _____

Title: _____

Date: _____

Contractor: _____

TITLE 13, CALIFORNIA CODE OF REGULATIONS § 2449(I) GENERAL REQUIREMENTS FOR IN-USE OFF-ROAD DIESEL-FUELED FLEETS

In conformance with Title 13 § 2449(i), bidders will be required to attach copies of valid Certificates of Reported Compliance for the fleet selected for the contract and their listed subcontractors.

Before May 15th of each year, the prime contractor must collect a new valid Certificate of Reported Compliance for the current compliance year, as defined in section 2449(n), from all fleets that have an ongoing contract with the prime contractor as of March 1 of that year. Prime contractors must not write contracts to evade this requirement. Annual renewals must be provided to the Resident Engineer at least one week prior to the expiration date of the current certificate.

<https://ww2.arb.ca.gov/resources/fact-sheets/fact-sheet-contracting-requirements>

Choose all that apply:

- Bidder’s Certificate of Reported Compliance has been attached to the bid.
- Bidder does not have a fleet subject to this regulation as outlined in Section 2449(i)(1)-(4).
- Listed subcontractors’ certificates have been attached or will be submitted within five (5) calendar days of the bid opening.
- The following subcontractors do not have a fleet subject to this regulation as outlined in Section 2449(i)(1)-(4):

_____	_____
_____	_____
_____	_____
_____	_____

FAILURE TO PROVIDE THE CERTIFICATES OF REPORTED COMPLIANCE AS DIRECTED MAY RENDER THE BID NON-RESPONSIVE.

AGREEMENT

THIS AGREEMENT made at Fresno, in Fresno County, California, by and between _____ hereinafter called the Contractor, and the County of Fresno hereinafter called the Owner.

WITNESSETH: That the Contractor and the Owner, for the consideration hereinafter named, agree as follows:

ARTICLE I. The Contractor agrees to furnish all labor and materials, including tools, implements, and appliances required, but excluding such materials as are mentioned in the specifications to be furnished by the Owner, and to perform all the work in a good and workmanlike manner, free from any and all liens and claims of mechanics, materialmen, teamsters, subcontractors, artisans, machinists, and laborers required for:

ROAD PRESERVATION TREATMENTS

VARIOUS LOCATIONS IN FRESNO COUNTY

CONTRACT NUMBER: 24-06-M

All in strict compliance with the plans, drawings and specifications therefor prepared by the Owner, and other contract documents relating thereto.

ARTICLE II. The Contractor and the Owner agree that the Notice to Bidders and Special Provisions, the Wage Scale (Prevailing Wages), the Plans and Drawings, Addenda and Bulletins thereto, and the Proposal (Bid Book) hereto attached, together with this Agreement, form the contract, and they are as fully a part of the contract as if hereto attached or herein repeated.

All portions of the Standard Specifications of the State of California, Department of Transportation, dated 2015, which are not in conflict with this contract shall be deemed a part of the specifications as though fully therein set forth; provided, however, that revisions to the said Standard Specifications shall apply only to the extent, if any, included in the Project Details of these specifications or as otherwise incorporated directly herein. No part of said specifications which is in conflict with any portion of this agreement, or which is not actually descriptive of the work to be done thereunder, or of the manner in which said work is to be executed, shall be considered as any part of this agreement, but shall be utterly null and void.

ARTICLE III. The Owner agrees to pay the Contractor in current funds for the performance of the contract the sum of _____ **DOLLARS AND xx/100** (_____._____) it being understood that said price is based upon the estimated quantities of materials to be used as set forth in the Proposal, except where provisions are made in the contract documents whereby the estimated quantities shall constitute the final quantity; that upon completion of the project the final contract prices shall be revised by change order, if necessary, to reflect the true quantities used at the stated unit price thereof as contained in the Contractor's Proposal hereto attached. Payments on account thereof will be made as set forth in the special provisions.

ARTICLE IV. If the Contractor should be adjudged a bankrupt, or if he or she should make a general assignment for the benefit of his or her creditors, or if a receiver should be appointed on account of his or her insolvency, or if he or she or any of his or her subcontractors should persistently violate any of the provisions of the contract, or if he or she should persistently or repeatedly refuse or should fail, except in cases for which extension of time is provided, to supply enough properly skilled workmen or proper materials, or if he or she should fail to make prompt payment to subcontractors or for material or
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labor, or persistently disregard laws, ordinances or the instructions of the Engineer, then the Owner may, upon certificate of the Engineer when sufficient cause exists to justify such action, serve written notice upon the Contractor and his surety of its intention to terminate the contract, and unless within five days after the serving of such notice, such violations shall cease and satisfactory arrangements for correction thereof be made, the contract shall, upon the expiration of said five days, cease and terminate.

In the event of any such termination, the Owner shall immediately serve written notice thereof upon the surety and the Contractor, and the surety shall have the right to take over and perform the contract, provided, however, that if the surety within ten (10) days after the serving upon it of notice of termination does not give the Owner written notice of its intention to take over and perform the contract or does not commence performance thereof within the ten (10) days stated above from the date of the serving of such notice, the Owner may take over the work and prosecute the same to completion by contract or by any other method it may deem advisable, for the account and at the expense of the Contractor, and the Contractor and his surety shall be liable to the Owner for any excess cost occasioned the Owner thereby, and in such event the Owner may without liability for so doing, take possession of and utilize in completing the work such materials, appliances, plant and other property belonging to the Contractor as may be on the site of the work and necessary therefor. In such case the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the contract price shall exceed the expenses of finishing the work, including compensation for additional managerial and administrative services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the Owner. The expense incurred by the Owner, as herein provided and damage incurred through the Contractor's default, shall be certified by the Engineer.

ARTICLE V. To the fullest extent permitted by law with respect to any work required to be done under this contract, the Contractor will indemnify and hold harmless the COUNTY OF FRESNO, STATE OF CALIFORNIA, and all other participating public agencies, whether or not said agencies are named herein, who have jurisdiction within the areas in which the work is to be performed, and all officers and employees of the Owner, the County, the State, the United States and said other participating agencies, from any and all costs and expenses, attorney fees and court costs, damages, liabilities, claims and losses occurring or resulting to COUNTY in connection with the performance, or failure to perform, by CONTRACTOR, its officers, agents or employees under this Agreement, and from any and all costs and expenses, attorney fees and court costs, damages, liabilities, claims and losses occurring or resulting to any person, firm or corporation who may be injured or damaged by the performance, or failure to perform, of CONTRACTOR, its officers, agents or employees under this Agreement. In addition, CONTRACTOR agrees to indemnify COUNTY for Federal, State of California and/or local audit exceptions resulting from non-compliance herein on the part of CONTRACTOR.

CONTRACTOR agrees to indemnify, save, hold harmless, and at COUNTY'S request, defend the COUNTY, its officers, agents, and employees from any and all costs and expenses, damages, liabilities, claims, and losses occurring or resulting to COUNTY in connection with the performance, or failure to perform, by CONTRACTOR, its officers, agents, or employees under this Agreement, and from any and all costs and expenses, damages, liabilities, claims, and losses occurring or resulting to any person, firm, or corporation who may be injured or damaged by the performance, or failure to perform, of CONTRACTOR, its officers, agents, or employees under this Agreement.

The Certificate of Insurance shall be issued in duplicate, to the COUNTY OF FRESNO and all other participating agencies, whether or not said agencies are named herein, who contribute to the cost of the work or have jurisdiction over areas in which the work is to be performed and all officers and employees of said agencies while acting within the course and scope of their duties and responsibilities.

In the event CONTRACTOR fails to keep in effect at all times insurance coverage as herein provided, the COUNTY may, in addition to other remedies it may have, suspend or terminate this Agreement upon the occurrence of such event.

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All policies shall be with admitted insurers licensed to do business in the State of California. Insurance purchased shall be purchased from companies possessing a current A.M Best Company rating of A FSC VII or better.

Without limiting the COUNTY’S right to obtain indemnification from CONTRACTOR or any third parties, CONTRACTOR, at its sole expense, shall maintain in full force and effect, the following insurance policies or a program of self-insurance, including but not limited to, an insurance pooling arrangement or Joint Powers Agreement (JPA) throughout the term of the Agreement:

A. Commercial General Liability

Commercial General Liability Insurance with limits not less than those shown in the following table:

Liability Insurance Requirements

Total bid	For each occurrence ^a	Aggregate for products/completed operation	General aggregate ^b	Umbrella or excess liability ^c
≤ \$1,000,000	\$1,000,000	\$2,000,000	\$2,000,000	\$5,000,000
> \$1,000,000 ≤ \$10,000,000	\$1,000,000	\$2,000,000	\$2,000,000	\$10,000,000
> \$10,000,000 ≤ \$25,000,000	\$2,000,000	\$2,000,000	\$4,000,000	\$15,000,000
> \$25,000,000	\$2,000,000	\$2,000,000	\$4,000,000	\$25,000,000

^aCombined single limit for bodily injury and property damage.

^bThis limit must apply separately to your work under this Contract.

^cThe umbrella or excess policy must contain a clause stating that it takes effect (drops down) in the event the primary limits are impaired or exhausted.

This policy shall be issued on a per occurrence basis. COUNTY may require specific coverages including completed operations, products liability, contractual liability, Explosion-Collapse-Underground, fire legal liability, or any other liability insurance deemed necessary because of the of the nature of this contract.

Such Commercial General Liability insurance shall name the County of Fresno, its officers, agents, and employees, individually and collectively, as additional insured, but only insofar as the operations under this Agreement are concerned. Such coverage for additional insured shall apply as primary insurance and any other insurance, or self-insurance, maintained by COUNTY, its officers, agents and employees shall be excess only and not contributing with insurance provided under CONTRACTOR's policies herein. This insurance shall not be cancelled or changed without a minimum of thirty (30) days advance written notice given to COUNTY. CONTRACTOR shall obtain endorsements to the Commercial General Liability insurance policy naming COUNTY as an additional insured and providing for a thirty (30) day prior written notice of cancellation or change in terms or coverage.

Within eight (8) days from date CONTRACTOR executes this Agreement, CONTRACTOR shall provide certificates of insurance and endorsement as stated above for all of the foregoing policies, as required herein, to the County of Fresno, or to designservices@fresnocountyca.gov, stating that such insurance coverages have been obtained and are in full force; that the County of Fresno, its officers, agents and employees will not be responsible for an premiums on the policies; that such Commercial General Liability insurance names the County of Fresno, its officers, agents, and employees, individually and collectively, as additional insured, but only insofar as the operations under this Agreement are concerned; that such coverage for additional insured shall apply as primary insurance an any other insurance, or self- insurance shall not be cancelled or changed without a minimum of thirty (30) days advance, written notice given to COUNTY.

CONTRACTOR shall obtain endorsements to the Commercial General Liability insurance naming the County of Fresno, its officers, agents, and employees, individually and collectively, as additional insured, but only insofar as the operations under this Agreement are concerned. Such coverage for additional insured shall apply as primary insurance and any other insurance, or self-insurance, maintained by COUNTY, its officers, agents, and employees shall be excess only and not contributing with insurance provided under CONTRACTOR'S policies herein. This insurance shall not be cancelled or changed without a minimum of thirty (30) days advance written notice given to COUNTY.

B. Automobile Liability

Comprehensive Automobile Liability Insurance with limits of not less than One Million Dollars (\$1,000,000) per accident for bodily injury and property damage. Coverage should include owned and non-owned vehicles used in connection with this Agreement and all applicable endorsements.

C. Professional Liability

If CONTRACTOR is a licensed professional or employs professional staff, (e.g., Architect, Engineer, Surveyor, etc.) in providing services, Professional Liability Insurance with limits of not less than One Million Dollars (\$1,000,000.00) per occurrence, Three Million Dollars (\$3,000,000.00) annual aggregate with a provision for 3 year tail coverage.

D. Worker's Compensation

A policy of Worker's Compensation insurance as may be required by the California Labor Code.

E. Course of Construction (Builder's All Risk)

Course of Construction Insurance in an amount equal to the Contractor's total bid for the project including the base bid and all additive bid(s), if any, with no coinsurance penalty provision. The policy shall include coverage for earthquakes in excess of magnitude 3.5 up to \$1,000,000 per occurrence and for flood damage up to \$1,000,000 per occurrence. Full compensation for providing this insurance shall be considered to be included in the contract price bid therefor. **Prior to commencing with construction of the project, the Contractor will be required to provide proof of such insurance.**

ARTICLE VI. Contractor represents that he has secured the payment of Worker's Compensation in compliance with the provisions of the Labor Code of the State of California and during the performance of the work contemplated herein will continue so to comply with said provisions of said Code. Contractor shall supply the Owner with certificates of insurance, in duplicate, evidencing that Worker's Compensation Insurance is in effect and providing that the Owner will receive ten days notice of cancellation. If Contractor self-insures Worker's Compensation, Certificate of Consent to Self-insure should be provided the Owner.

ARTICLE VII. The Contractor shall forthwith furnish in duplicate, a faithful performance bond in an amount equal to 100% of the contract price and a payment bond in an amount equal to 100% of the contract price, both bonds to be written by a surety company acceptable to the Owner and in the form prescribed by law.

The payment bond shall contain provisions such that if the Contractor or his subcontractors shall fail to pay (a) amounts due under the Unemployment Insurance Code with respect to work performed under the contract, or (b) any amounts required to be deducted, withheld and paid over to the Employment Development Department and to the Franchise Tax Board from the wages of the employees of the Contractor and subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work and labor, then the surety will pay these amounts. In case suit is brought upon the payment bond, the surety will pay a reasonable attorney's fee to be fixed by the court.

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ARTICLE VIII. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Except as provided in Labor Code section 1725.5(f), no contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

Except as provided in Labor Code section 1725.5(f), no contractor or subcontractor may be awarded a contract for public work on a public works project or engage in the performance of work on any public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

Contractor shall comply with all applicable laws and regulations relating to wages and employment, including all requirements imposed by the California Department of Industrial Relations (DIR). Contractor shall cooperate with County to furnish timely all information necessary for County's completion of the form required to be submitted by County when registering the Project on the DIR website; and County thereafter shall provide to Contractor the "Project ID Number" assigned by DIR in order to facilitate Contractor's submission to DIR of its certified payrolls for the Project, in the manner required and using such form as may be prescribed by DIR, in accordance with the provisions of Labor Code section 1771.4(a)(3).

ARTICLE IX: Governing Law – Venue for any action arising out of or relating to this Agreement shall be in Fresno County, California. This Agreement shall be governed by the laws of the State of California.

ARTICLE X: EXECUTIVE ORDER N-6-22: Under Executive Order N-6-22 as a contractor, subcontractor, or grantee, compliance with the economic sanctions imposed in response to Russia's actions in Ukraine is required, including with respect to, but not limited to, the federal executive orders identified in the EO and the sanctions identified on the U.S. Department of the Treasury website (<https://ofac.treasury.gov/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>). Failure to comply may result in the termination of contracts or grants, as applicable. Specially Designated Nationals and Blocked Persons List (SDN) (<https://ofac.treasury.gov/specially-designated-nationals-and-blocked-persons-list-sdn-human-readable-lists>).

This Contract, **24-06-M**, was awarded by the Board of Supervisors on _____. It has been reviewed by the Department of Public Works and Planning and is in proper order for signature of the Chairman of the Board of Supervisors.

IN WITNESS WHEREOF, they have executed this Agreement this _____ day of _____, 2024

(CONTRACTOR)

COUNTY OF FRESNO
(OWNER)

By _____

By _____

Nathan Magsig, Chairman
of the Board of Supervisors of the
County of Fresno

Title _____

ATTEST:
Bernice E. Seidel
Clerk of the Board of Supervisors
County of Fresno, State of California

By _____
Deputy