



Public Works works for the Public



COUNTY OF IMPERIAL

DEPARTMENT OF PUBLIC WORKS

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El Centro, CA
92243

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COUNTY OF IMPERIAL PUBLIC WORKS

**Orchard Road Improvements from State Route 7 to Alamo River (City of Holtville Limits)
County of Imperial Project No. 6676**

ADDENDUM NO. 2

August 4, 2022

This *ADDENDUM* is hereby made part of the Contract Documents and specifications to the same extent as if originally included therein, and shall be signed by the Bidder and included with the proposal.

1. **Question:** "It is unclear the areas that we need to extend shoulder backing, should we take the 37 square yards per each driveway?"

Response: Keynote number 8 on Improvement Plans "Extend the new shoulder backing to match the existing ground at the **right of way line**. Subgrade at this location shall be scarified, graded and compacted to 85% of Max. Dens. Per ASTM D-1557. Prior to receive the Class II Agg. Base layer. The existing **dirt road access footprint delineates** the area to be improved as determined by the Project Inspector."

2. **Question:** "Would you keep millings?"

Response: The Contractor shall dispose grindings (Milling). Grindings will become property of the contractor and shall be hauled away by Contractor to a legal facility. Full compensation for furnishing all labor, materials, tools and equipment and for doing all the work involved in "HEADER CUT" and in "COLD PLANE ASPHALT CONCRETE PAVEMENT" including removing, hauling and disposal of the existing asphalt concrete pavement shall be considered as included in the contract price paid per square foot for "HEADER CUT" and for "COLD PLANE ASPHALT CONCRETE PAVEMENT" and no additional compensation shall be considered or made therefor.

3. **Question:** Will HaTelit G50 be an acceptable equivalent alternative to Tensar Glassgrid50 for this project?

Response: Yes, HaTelit G50 is an acceptable equivalent alternative to Tensar Glassgrid50 for this project. Data Sheet for HaTelit G50 is attached.

4. **Add to section 5-1.20A PERMITS, LICENSES, AGREEMENTS, AND CERTIFICATIONS WITH OTHER ENTITIES**

The Contractor shall coordinate with and be responsible for obtaining permission, permits and other documentation as necessary by each City/Agency.

All provisions for Encroachment Permit from Caltrans shall be required to be applied for and obtained by the Contractor, including all work, materials, addressing all conditions, and permit fees. Contractor shall be responsible to pay all fees related to any permits required for this project.

All items within the Encroachment Permits shall be considered as part of the various items of work for each road segment impacted and no additional payment shall be made therefor. Please refer to (Division XVI) of this Special Provision for Caltrans Encroachment permit requirements.

The contractor shall coordinate with and be responsible for obtaining permits and other documentation as necessary by each City/Agency to provide for the Construction and traffic control signs, including project identification signs and any road lane closures as required by the Contractors traffic control plans, as per the Standard Specifications and these special provisions.

Caltrans Encroachment Permit Application prepared by the County, including the proposed Traffic Control Plan is attached for reference and bidding purposes only. However, the Encroachment Permit has not been issued yet and the Traffic Control Plan is subject to Caltrans approval. Contractor is still responsible to provide a Traffic Control Plan for County's review and approval as specified in Section 12 Temporary Traffic Control the project's Special Provisions.



John A. Gay, P.E.
Director of Public Works

Acknowledgement of Addendum No. 2

The general contractor is responsible for advising any and all subcontractors of this change. Each bidder must acknowledge receipt of this addendum in the noted space below and where indicated on the Bidder's Proposal Section of the Special Provisions. This Addendum must be attached to the proposal.

License No: _____

Print or Type Company Name: _____

Print or Type Authorized Name: _____

Authorized Signature of Contractor: _____

Date Signed: _____



HaTelit® G 50

Data Sheet

Roads & Pavements

HaTelit® G 50 is an asphalt reinforcement composite interlayer specifically designed for mitigating reflective cracking in hot mix asphalt overlays. HaTelit® G 50 is an asphalt reinforcement composite which combines continuous filament high-strength fiberglass with a lightweight non-woven. This biaxial composite is pre-coated with bitumen to strengthen and enhance the bond with the new asphalt overlay, ensuring shear-bond strength between the new and old pavement. HaTelit® G 50 combines with the new asphalt layer to also increase the tensile and flexural strength of the overall pavement structure improving life-cycle performance of the investment in your new hot mix asphalt overlay. HaTelit® G 50 is used on medium distressed pavement conditions for optimum performance. HaTelit G50 is manufactured in the U.S.A.

Physical Properties of HaTelit® G 50

PROPERTY	TEST	ENGLISH units ¹	SI units ¹
Mass/ Unit Area	ASTM D-5261	9.5 oz./yd ²	320 g/m ²
Aperture Size	Measured	1.2 in. x 1.2 in.	30 mm x 30 mm
Open Area of Grid	CWO 22125	> 80%	> 80%
Tensile Strength-Single Rib			
Machine Direction (MD)	ASTM D-6637	3,425 lb/ft.	50 kN/m
Cross-Machine Direction (CMD)	ASTM D-6637	3,425 lb/ft.	50 kN/m
Elongation at Brake	ASTM D-6637	< 3%	<3%
Identification of Fibers	ASTM D-276	490° F	255° C
Asphalt Retention	ASTM D-6140	0.10 gal/yd ²	0.47 l/m ²
CBR Puncture	ASTM D-6241	410 lb-F	1804 N

¹ Minimum average roll values are based on a 95% confidence level

Standard Roll Size: 12.50 ft. (3.81 m) wide x 328.0 ft (100 m) long = 456 yd² (381 m²)
 Weight (includes core and wrap) = 290 lbs (132 kg)

Each roll of HaTelit® delivered to the project site is labeled by HUESKER with a roll label that indicates manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of HaTelit® are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and ultraviolet light. Contact HUESKER for information on our material warranty.



STANDARD ENCROACHMENT PERMIT APPLICATION

TR-0100 (REV 12/2018)

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 IMPERIAL		2. ROUTE 7	3. POST MILE 6.823	FOR CALTRANS USE TRACKING NO. DIST/CO/RTE/PM SIMPLEX STAMP DATE OF SIMPLEX STAMP
4. ADDRESS OR STREET NAME ORCHARD ROAD		5. CITY HOLTVILLE, CA		
6. CROSS STREET (Distance and direction from project site) State Route 7, 200 feet south of Project Site (Orchard Road)				
7. WORK TO BE PERFORMED BY <input type="checkbox"/> APPLICANT <input checked="" type="checkbox"/> CONTRACTOR		8. IS THIS APPLICATION FOR THE CONTRACTOR'S (DOUBLE) PERMIT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES. If "YES", provide the Parent Permit Number		
9. ESTIMATE START DATE 09/15/2022		10. ESTIMATED COMPLETION DATE 11/17/2022		
11. ESTIMATED NUMBER OF WORKING DAYS WITHIN STATE HIGHWAY RIGHT-OF-WAY 45 working days (temporary traffic control signage only)				
12. ESTIMATED CONSTRUCTION COSTS WITHIN STATE HIGHWAY RIGHT-OF-WAY \$0.0				
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 type="checkbox"/> LOCAL <input type="checkbox"/> PRIVATE <input checked="" type="checkbox"/> SB 1 (ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017)				
15. CALTRANS PROJECT CODE (ID) TBD		16. APPLICANT'S REFERENCE / UTILITY WORK ORDER NUMBER 6676		

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.

Temporary traffic control signs will be placed in accordance to Caltrans Standard Plans Sheet, within Caltrans Right of Way (State Route 7 & 8) to facilitate paving operations outside Caltrans Right of Way. No work will be done within Caltrans (State Route 7 & 8) Right of Way.

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 No work will be done within Caltrans Right of Way

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

STANDARD ENCROACHMENT PERMIT APPLICATION

TR-0100 (REV 12/2018)

TRACKING NO.

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

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 _____ 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 FENCE EROSION CONTROL PUBLIC UTILITY MODIFICATION, EXTENSIONS, HOOKUPS MAILBOX LANDSCAPING FLAGS, SIGNS, BANNERS, DECORATIONS, PARADES AND CELEBRATIONS 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?

No

B. Are there waterways (e.g. river, creek, pond, natural pool or dry streambed) adjacent to or within the limits of the proposed project?

No

C. Is the proposed project located within five miles of the coast line?

No

D. Will the proposed project generate construction noise levels greater than 86 decibels (dBA) (e.g. Jack-hammering, pile driving)?

No

E. Will the proposed project incorporate land from a public park, recreation area or wildlife refuge open to the public?

No

F. Are there any recreational trails or paths within the limits of the proposed project?

No

G. Will the proposed project impact any structures, buildings, rail lines or bridges within State Highway right-of-way?

No

H. Will the proposed project impact access to any businesses or residences?

No

I. Will the proposed project impact any existing public utilities or public services?

No

J. Will the proposed project impact any existing pedestrian facilities, such as sidewalks, crosswalks or overcrossings?

No

K. Will new lighting be constructed within or adjacent to State Highway right-of-way?

No

ADA Notice

For individuals with sensory disabilities, this document is available in alternate formats. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

STANDARD ENCROACHMENT PERMIT APPLICATION

TR-0100 (REV 12/2018)

TRACKING NO. _____

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: <http://www.dot.ca.gov/env/stormwater/>)

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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STANDARD ENCROACHMENT PERMIT APPLICATION

TR-0100 (REV 12/2018)

TRACKING NO.

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: [http://www.dot.ca.gov/trafficops/ep/docs/Appendix_K_\(WEB\).pdf](http://www.dot.ca.gov/trafficops/ep/docs/Appendix_K_(WEB).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: [http://www.dot.ca.gov/trafficops/ep/docs/Appendix_G_\(WEB\).pdf](http://www.dot.ca.gov/trafficops/ep/docs/Appendix_G_(WEB).pdf). 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: <http://www.dot.ca.gov/hq/construc/stormwater/>.

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)

John A. Gay, P.E. - Director of Public Works

ADDRESS OF APPLICANT (Include City, State and Zip Code)

155 S. 11th Street, El Centro, CA 92243

E-MAIL ADDRESS

johngay@co.imperial.ca.us

PHONE NUMBER

(442) 265-1818

FAX NUMBER

(442) 265-1858

29. NAME OF AUTHORIZED AGENT / ENGINEER

(A "Letter of Authorization" is required if different from #28)

Same as #28

IS A LETTER OF AUTHORIZATION ATTACHED?

 YES NO

ADDRESS OF AUTHORIZED AGENT / ENGINEER (Include City, State and Zip Code)

Same as #28

E-MAIL ADDRESS

Same as #28

PHONE NUMBER

Same as #28

FAX NUMBER

Same as #28

30. NAME OF BILLING CONTACT (Same as #28 Same as #29)

BILLING ADDRESS WHERE INVOICE(S) IS / ARE TO BE MAILED (Include City, State and Zip Code)

Same as #28

E-MAIL ADDRESS

Same as #28

PHONE NUMBER

Same as #28

FAX NUMBER

Same as #28

* 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*

32. PRINT OR TYPE NAME

John A. Gay, P.E.

33. TITLE

Director of Public Works Imperial County

34. DATE

07/28/2022

INSTRUCTIONS

Complete ALL fields, write "N/A" if not applicable. Type or print clearly. All dimensions must be in U.S. Customary (English) units.

Print your application single sided and submit all of the required attachments (See Section VII A&B of the "Encroachment Permit Application Guide Booklet" found at: http://www.dot.ca.gov/trafficops/ep/docs/EP_Application_Guide_Booklet.pdf).

1. County (e.g. Fresno, San Francisco, Los Angeles, etc.)
2. State Highway Route Number (e.g. I-5, SR-99, etc.)
3. Highway Postmile: (location of work, see <https://postmile.dot.ca.gov/>)
If unable to determine, contact the appropriate District Encroachment Permits Office for assistance at: [http://www.dot.ca.gov/trafficops/ep/docs/Appendix_G_\(WEB\).pdf](http://www.dot.ca.gov/trafficops/ep/docs/Appendix_G_(WEB).pdf)
4. Address of project site (if the property has a physical address with a Number and Street/Road Name)
5. City (e.g. Sacramento, Redding, Irvine, etc.)
6. Distance and the direction from the nearest cross street to the project site (e.g. 500 ft. north of "C" Street).
7. Indicate whether the work will be performed by the applicant (your own forces) or by a contractor.
8. Indicate if you are applying for a "Contractor's (Double) Permit" and provide the "Parent Permit Number".
9. Estimated start date for the proposed work. (Allow a minimum of 60 calendar days from the submittal date of your application for processing)
10. Estimated completion date for the proposed work.
11. Estimated number of working days within State Highway right-of-way.
12. Estimated construction costs for all work to be done within State Highway right-of-way.
13. Has another Caltrans' branch seen or reviewed your project? Which branch? (e.g. Design, Project Management, Right-of-Way, Environmental, etc.)
14. Identify funding source(s) for the proposed work.
15. Caltrans' Project Code (ID) if this is a State project, capital project, or joint venture project.
16. Your company's reference number or utility work order number for this project.
17. Describe the proposed work to be done entirely. If applicable, attach six (6) complete sets of FOLDED plans (folded 8-½" X 11") and any applicable specifications, calculations, maps, etc.
18. (a) Identify portion(s) of State right-of-way where work will occur and (b) proposed traffic control plans to be used if any.
19. Maximum and minimum depth, average width, and length of the excavation area. Existing surface type (e.g. Asphalt, concrete, soil, etc.)
20. Product being transported (e.g. water, natural gas, etc.)
Carrier pipe, diameter (inches) and material (e.g. Steel, HDPE, etc.)
Casing pipe (if any), diameter and material Proposed installation method, Voltage of electrical current or pressure of liquid or gas.
21. Check "YES", if you are getting a permit or approval from another agency (City, County, etc.), and an environmental determination has been made. Then check the Categorically Exempt, Negative Declaration, Environmental Impact Report box or Other if one has been prepared. Attach a copy of the approved document and a copy of the Notice of Determination. Skip questions A-K.

If you checked "NO", check the box of the appropriate type of work to be done, or check "other" and fill in the type of work to be done. Also answer questions A-K.
22. A Historical Resource includes, but is not limited to, any object, building, structure, site, area, place, record, or manuscript that has historical or archaeological significance, or significance in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California.
23. In this context a Scenic Resource includes, but is not limited to, trees that display outstanding features of form or age; unique, massive rock formations; historic buildings that are rare examples of their period, style, design, or which have special architectural features and details of importance.
24. Is there any work being done on the applicant's property?
25. Indicate if the proposed project will require the disturbance of soil. If "YES," estimate the area within AND outside of State Highway right-of-way in acres.
26. Indicate if the proposed project will require dewatering. If "YES," estimate volume in total gallons AND gallons per month. Also indicate the source: Stormwater or Non-Stormwater (see Caltrans Stormwater Management Plan for definitions of non-stormwater discharge at: <http://www.dot.ca.gov/hq/env/stormwater/>).
27. Indicate how any stormwater or ground water will be disposed of from or near the limits of the proposed project.
28. Name of the applicant or organization applying for the permit. List the mailing address, e-mail address, phone and fax numbers.
29. Name of the authorized agent or engineer acting on behalf of the applicant or organization. Attach a letter of authorization signed by the applicant or organization. List the mailing address, e-mail address, phone and fax numbers.
30. Name of the billing contact. List the mailing address where invoices are to be mailed, email address, phone and fax numbers.
31. Signature of the applicant or applicant's authorized agent.
32. Name of the applicant or applicant's authorized agent.
33. Title (owner, president, etc.) of the applicant or applicant's authorized agent.
34. Date of the signature.

ENCROACHMENT PERMIT APPLICATION CHECKLIST - TRAFFIC CONTROL

TR-0411 (NEW 06/2019)

NAME OF APPLICANT OR ORGANIZATION	TRACKING NUMBER
Imperial County Department of Public Works	
DISTRICT / COUNTY / ROUTE / POSTMILE	
District 11 / Imperial / 7 / 6.823	

All work performed within State highway right-of-way must conform to all applicable Departmental construction standards including but not limited to the Encroachment Permits Manual, Standard Specifications, Standard Plans, Project Development Procedures Manual, Highway Design Manual and Special Provisions.

APPLICATION

- X All listed items must have a selection (select "N/A" if not applicable).
- X Work description within State highway right-of-way must be comprehensive.
- X The "Standard Encroachment Permit Application" (form TR-0100) must be signed by the applicant/project or property owner or organization. If signed by an agent, attach a letter of authorization. Note: Box 28 is the applicant's information and box 29 is the authorized agent's.
- X Signatures are required on both the application and the letter of authorization.

PLANS

- X Plan Set Requirements are available at: http://www.dot.ca.gov/trafficops/ep/docs/plan_set_requirements.pdf
- X Six complete sets of plans folded 8 ½" x 11" signed, stamped with license expiration date and date stamped by a California Registered Civil Engineer.
- X Six complete sets of Traffic Control/Traffic Management plans (for detours) folded to 8 ½" x 11", signed, stamped with license expiration date and date stamped by a California Registered Civil or Traffic Engineer.
- N/A Identify responsibility for traffic control (must be provided by a qualified Traffic Control contractor, local law enforcement and/or local agency forces).
- X Traffic control and detour plans must comply with CA MUTCD, Caltrans Standard Plans (S.P.) and Standard Specifications (S.S.).
- N/A Closure locations and times between 9:00 AM to 3:00 PM.
- N/A Closure locations and times other than 9:00 AM to 3:00 PM. Obtain approval from the District Traffic Management Center.
- N/A Location of Portable Changeable Message Sign(s), message, and installation dates.
- N/A Must comply with Caltrans "Changeable Message Sign Guidelines".
- N/A Must comply with CA MUTCD Section 6F.60 and Figure 6F-104(CA).
- X Traffic control plan per the S.P. T9 through T14 (T13 with NSSP Section 12-3.36).
- X Traffic control plan per CA MUTCD Chapter 6H (Typical Applications).
- N/A Aerial crossings requiring assistance from the California Highway Patrol must comply with "Rolling Traffic Break Special Provisions" (TR-0407).
- N/A Custom design/site specific traffic control plan.
- N/A Existing posted speed limit (mph).
- N/A Placement of traffic cones in front of warning signs before beginning of lane closure.
- N/A Advance warning sign spacing per S.P. T9, Table 3.
- N/A Longitudinal buffer space and flagger station spacing per S.P. T9, Table 2.
- N/A Tangent (min. 2L) taper length per S.P. T9, Table 1.
- N/A Merging (min. L) taper length per S.P. T9, Table 1.
- N/A Shifting (min. L/2) taper length per S.P. T9, Table 1.
- N/A Shoulder (minimum L/3) taper length per S.P. T9, Table 1.
- N/A Maximum cone/channelizing device spacing per S.P. T9, Table 1.
- N/A 11 feet minimum open lane width (12 feet is preferred).
- N/A Sidewalk/crosswalk closure – temporary pedestrian facilities or pedestrian detour must comply with the "Temporary Pedestrian Facilities Handbook", CA MUTCD Part 6, Chapter 6 D (Pedestrian and Worker Safety), and S.P. T30 through T34.

ENCROACHMENT PERMIT APPLICATION CHECKLIST - TRAFFIC CONTROL

TR-0411 (NEW 06/2019)

N/A	Bike lane closure and bike detour (W11-1, W16-1P, etc.)
N/A	Truck turn template using STAA Design Vehicle (Length = 72 feet).
N/A	Truck detour plan.
N/A	Temporary K-rail must comply with S.S. 7-1.04; end taper with at least 10:1 taper or else provide appropriate crash cushion.
N/A	Speed reduction must comply with "California Manual for Setting Speed Limits" Section 2.3 and A.3 – Table 2C.4 CA MUTCD Guidelines for Advance Placement of Warning Signs.
N/A	Additional flaggers for driveway, pedestrian and truck traffic control.
N/A	Temporary relocation of bus stop.
N/A	Arrangements for driveway blockage, parking and bus stop restrictions.
N/A	Confirm closures are appropriate for the work involved and must comply with S.S. 12-4.02C(3):
N/A	Any work encroaching within 3 feet of the edge of the travel lane for areas with a posted speed limit below 45 mph requires the closure of the adjacent travel lane.
N/A	Any work encroaching within 6 feet of the edge of the travel lane for areas with a posted speed limit at 45 mph or higher requires the closure of the adjacent travel lane.
N/A	Any work encroaching within 6 feet of the edge of shoulder, requires the closure of the shoulder lane.

SUPPORTING DOCUMENTATION*

N/A	Resolutions or approvals from all impacted local agencies indicating formal approval of detour plans.
N/A	For proposed traffic control on freeway and expressways, provide lane closure charts with backup calculations.
N/A	Caltrans public information office involvement – plan for providing advance notification to TV, radio, newspapers, notification letters or flyers to local area businesses.

NOTES:*Forms are available at: <http://www.dot.ca.gov/trafficops/ep/apps.html>

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

From: (Public Agency):
County of Imperial
Planning & Development Services
801 Main Street
El Centro, CA 92243

County Clerk
County of Imperial
940 Main Street
El Centro, CA 92243

JUN 03 2022

Chuck Storey County Clerk
By: [Signature], Deputy

POSTED

JUN 03 2022

Project Title: Orchard Road Improvement Project (Initial Study #22-0023)

Imperial County Clerk-Recorder
California

Project Applicant: Imperial County Public Works Department – County Project #6676

Project Location – Specific:

The project is located south of the City of Holtville, California 92250; specifically, it is a distance of 2.3 miles along Orchard Road from State Route 7 (Caltrans ROW) to Alamo River (City of Holtville Limits).

Project Location – City: Unincorporated area Project Location – County: Imperial

Description of Nature, Purpose and Beneficiaries of Project:

The scope of work consists of three (3) inches of grinding of the existing pavement, crack sealing, a three (3) inch asphalt concrete overlay over one (1) inch asphalt concrete leveling course. A waterproofing paving mat will be placed between the asphalt cap and the leveling course, striping, and signage.

Name of Public Agency Approving Project: Imperial County Public Works Department

Name of Person or Agency Carrying Out Project: John Gay, P.E., Director

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));

Categorical Exemption. State type and section Number: 15301, Class 1, (C) Existing Highways and Streets

Statutory Exemptions, State Code Number: _____

Reasons why project is exempt:

The project is exempt as the alignment of the roadway will remain the same, and all work will occur within the disturbed road right of way.

Lead Agency
Contact Person: Michael Abraham

Area Code/
Telephone Extension: 442-265-1736

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: [Signature] Date: 06/03/22 Title: Assistant Director

S:\AllUsers\PUBLIC WORKS\IS22-0023 Orchard Road 05 24 22\IS22-0023 Notice of Exemption, Orchard Road Improvement.docx

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for Filing at OPR: _____

Revised 2011

POST FOR 30 DAYS

State of California - Department of Fish and Wildlife
2022 ENVIRONMENTAL DOCUMENT FILING FEE
CASH RECEIPT
 DFW 753.5a (REV. 01/01/22) Previously DFG 753.5a

RECEIPT NUMBER: 13-2022-045
STATE CLEARINGHOUSE NUMBER (if applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY COUNTY OF IMPERIAL PLANNING & DEVELOPMENT	LEAD AGENCY EMAIL	DATE 06/03/2022
COUNTY/STATE AGENCY OF FILING IMPERIAL COUNTY	DOCUMENT NUMBER 13-2022-045	

PROJECT TITLE
ORCHARD ROAD IMPROVEMENT PROJECT (INITIAL STUDY #22-0023)

PROJECT APPLICANT NAME IMPERIAL COUNTY PUBLIC WORKS DEPARTMENT - COUNTY	PROJECT APPLICANT EMAIL	PHONE NUMBER (442) 265-1818
PROJECT APPLICANT ADDRESS 155 S. 11TH STREET	CITY EL CENTRO	STATE CA
		ZIP CODE 92243

PROJECT APPLICANT (Check appropriate box)

- Local Public Agency
 School District
 Other Special District
 State Agency
 Private Entity

CHECK APPLICABLE FEES:


<input type="checkbox"/> Environmental Impact Report (EIR)	\$3,539.25	\$	<u>0.00</u>
<input type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)	\$2,548.00	\$	<u>0.00</u>
<input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW	\$1,203.25	\$	<u>0.00</u>

- Exempt from fee
 Notice of Exemption (attach)
 CDFW No Effect Determination (attach)
 Fee previously paid (attach previously issued cash receipt copy)

<input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only)	\$850.00	\$	<u>0.00</u>
<input checked="" type="checkbox"/> County documentary handling fee	\$62.00	\$	<u>62.00</u>
<input type="checkbox"/> Other		\$	<u>0.00</u>

PAYMENT METHOD:

- Cash
 Credit
 Check
 Other JOURNAL ENTRY PW
 TOTAL RECEIVED \$ 62.00

SIGNATURE X 	AGENCY OF FILING PRINTED NAME AND TITLE Alejandra Quezada-Pasillas Deputy Clerk
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Filed in County Clerk's Office, IMPERIAL COUNTY

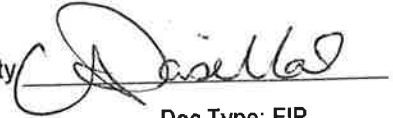
06/03/2022

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CHUCK STOREY
COUNTY CLERK/RECORDER

Alejandra Quezada-Pasillas

Deputy



File#: 13-2022-045

Doc Type: EIR

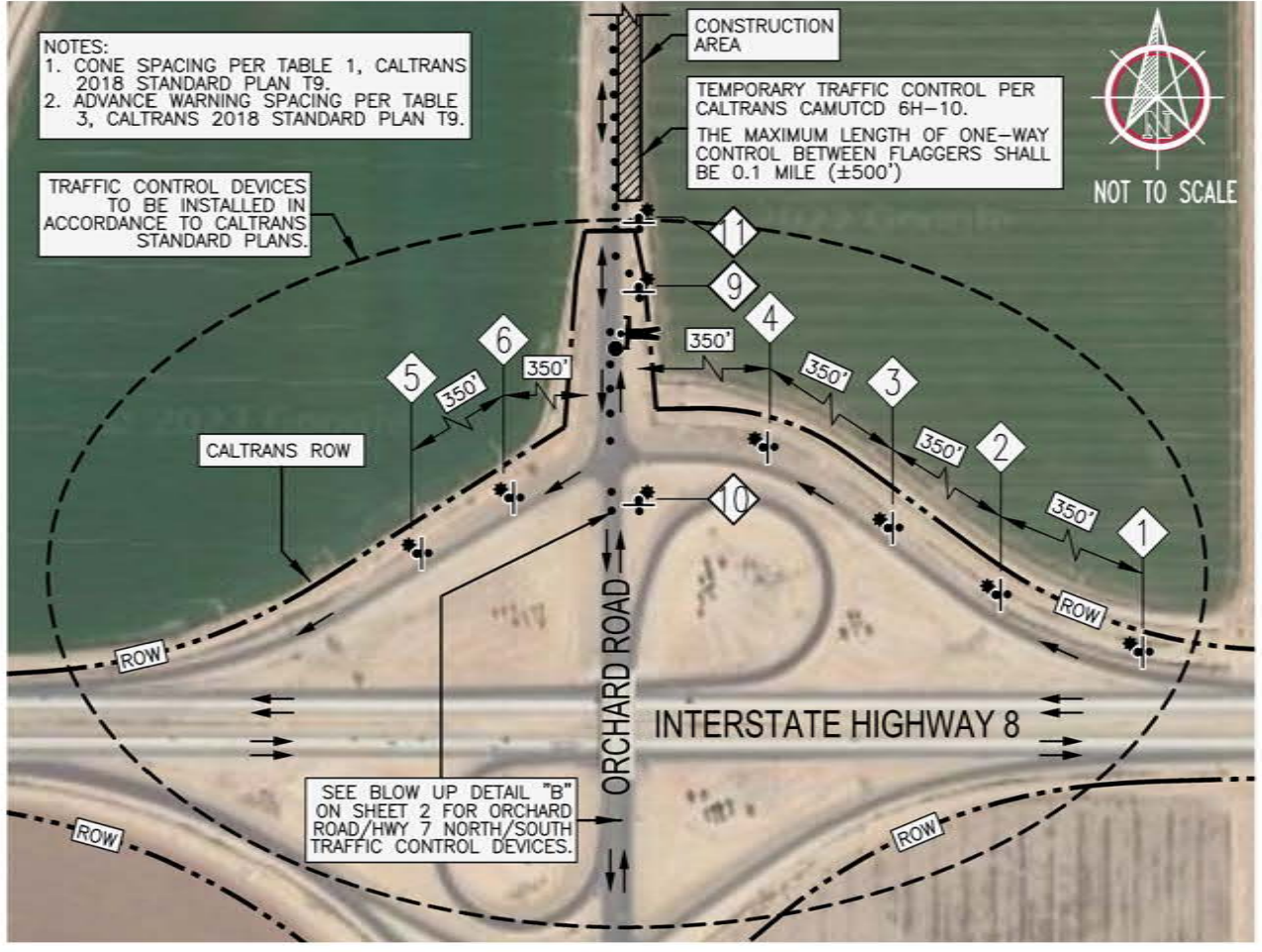
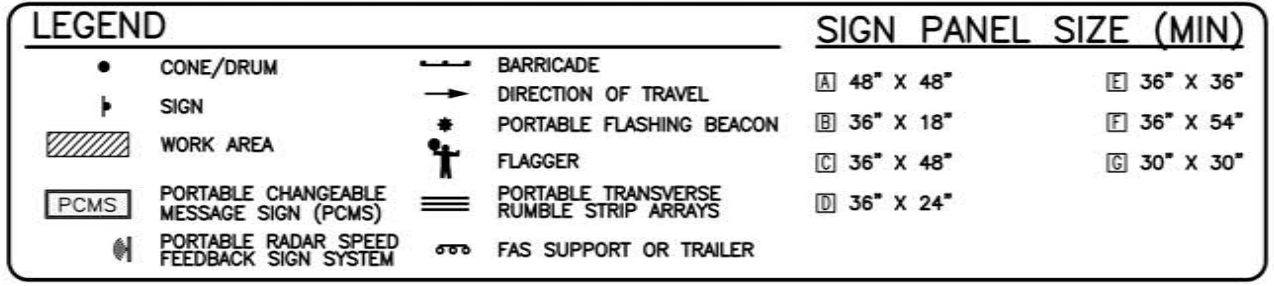
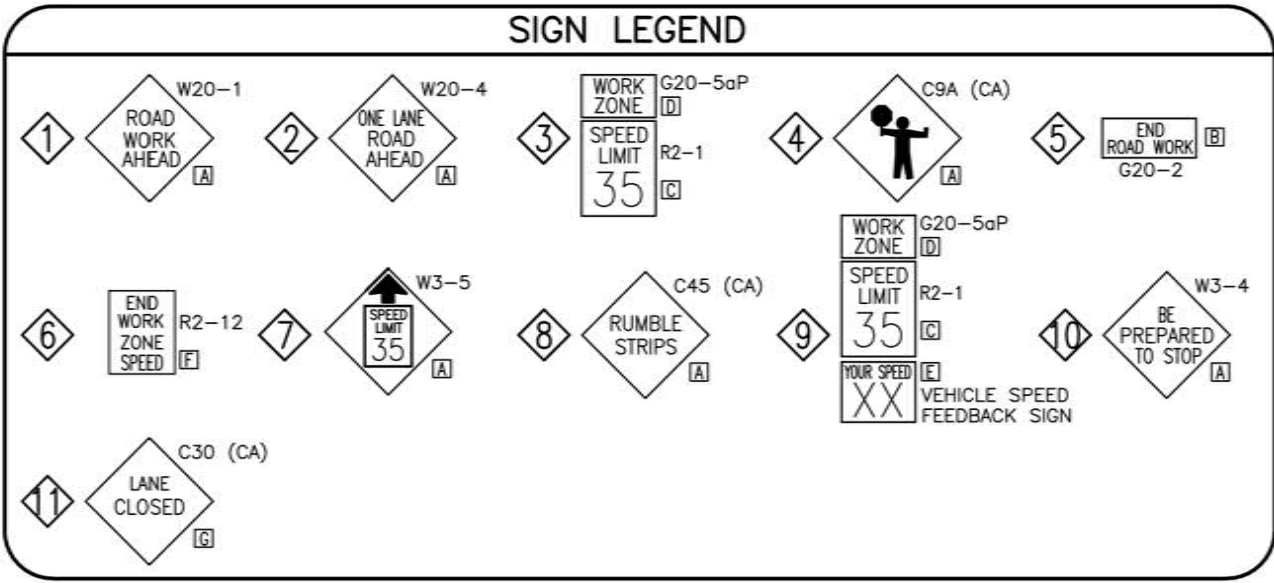
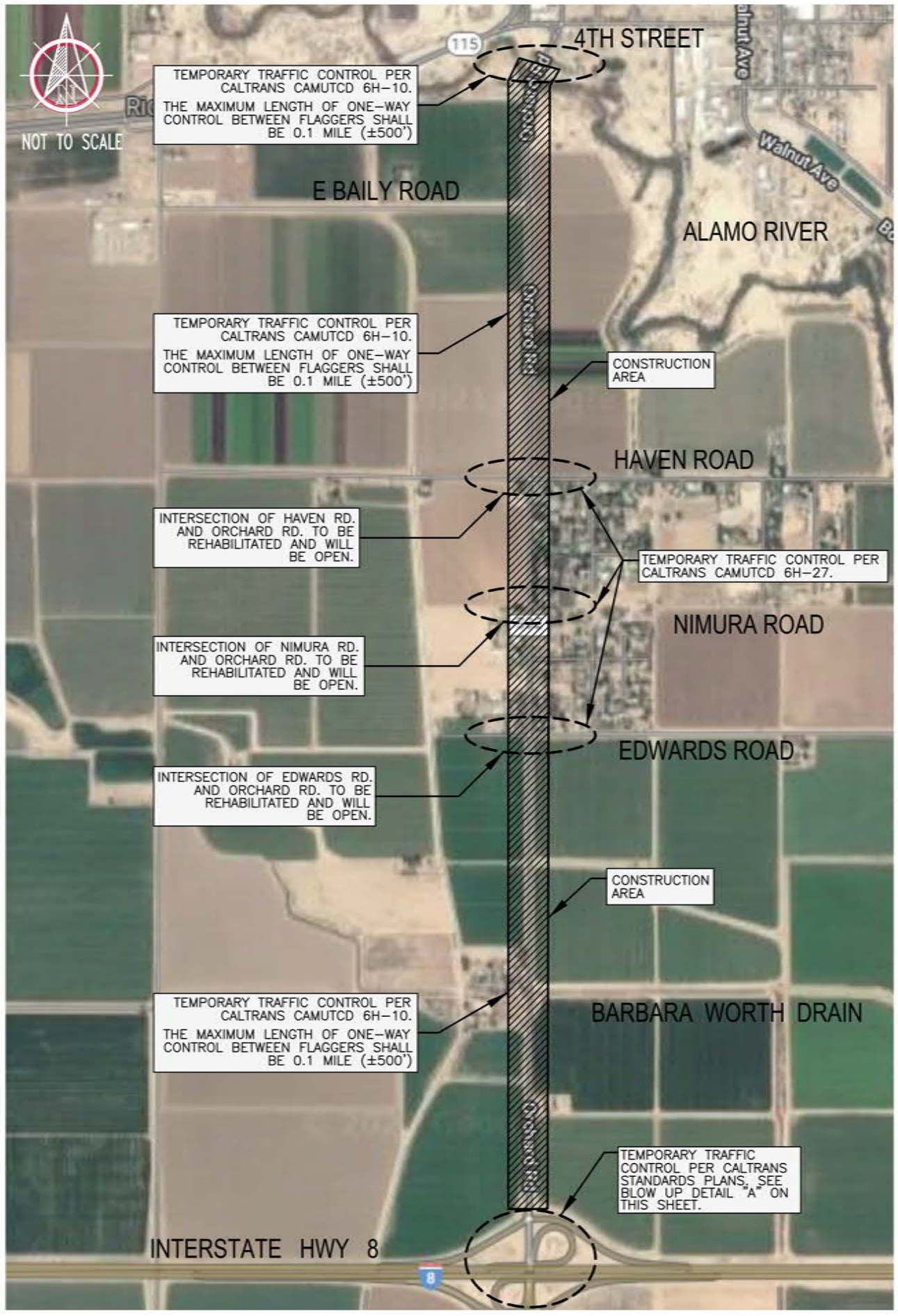
Fees: N/A



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THIS SPACE RESERVED FOR CLERK USE ONLY

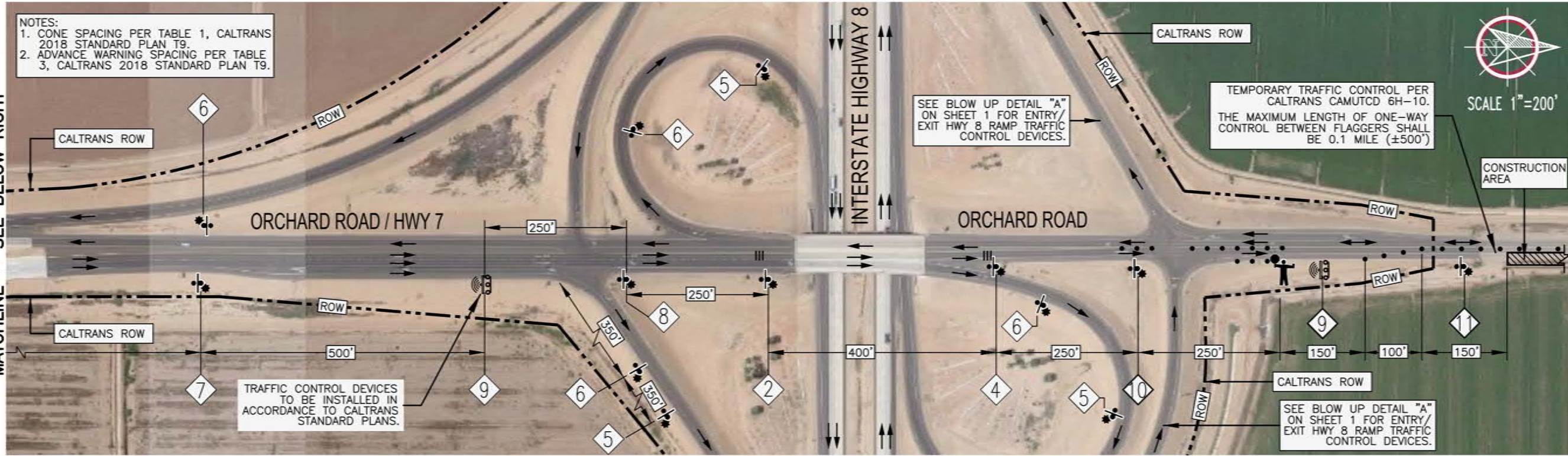
DOCUMENT TITLE (S): ENVIRONMENTAL DOCUMENT FILING



BLOW UP DETAIL "A"

TEMPORARY TRAFFIC CONTROL	DATE	07/28/22	CHECKED	M.O.
	DRAWN	SCALE	NONE	R-1000
ORCHARD ROAD IMPROVEMENTS		FROM THE SOUTH EDGE OF THE BRIDGE CROSSING THE ALAMO RIVER TO THE MOST NORTHERLY RIGHT OF WAY FROM CALTRANS INTERSTATE HIGHWAY 8		
COUNTY PROJECT No. 6676		SHEET 1 OF 2		
PREPARED UNDER THE DIRECT SUPERVISION OF:	57392	R.C.E. No.	12/31/23	REG. EXP.
	MAURICIO LAM, P.E.	DATE	07/28/22	
PUBLIC WORKS DEPARTMENT				

MATCHLINE - SEE BELOW RIGHT




BLOW UP DETAIL "B"

DATE	07/28/22	CHECKED	M.O.
DRAWN	STAFF	SCALE	NONE
TEMPORARY TRAFFIC CONTROL		ORCHARD ROAD IMPROVEMENTS FROM THE SOUTH EDGE OF THE BRIDGE CROSSING THE ALAMO RIVER TO THE MOST NORTHERLY RIGHT OF WAY FROM CALTRANS INTERSTATE HIGHWAY 8 COUNTY PROJECT No. 6676	
PREPARED UNDER THE DIRECT SUPERVISION OF:		57392 R.C.E. No.	12/31/23 REG. EXP.
		MAURICIO LAM, P.E.	07/28/22 DATE
		PUBLIC WORKS DEPARTMENT	
MATCHLINE - SEE ABOVE LEFT		MATCHLINE - SEE BELOW RIGHT	
R-1000		SHEET 2 OF 2	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Atifa Farouq
 REGISTERED CIVIL ENGINEER

May 31, 2018
 PLANS APPROVAL DATE



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

TABLE 1

TAPER LENGTH CRITERIA AND CHANNELIZING DEVICE SPACING							
SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
					X	Y	Z **
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	TAPER	TANGENT	CONFLICT
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	50	100	25
60	1440	720	360	240	50	100	25
65	1560	780	390	260	50	100	25
70	1680	840	420	280	50	100	25
75	1800	900	450	300	50	100	25

* - For other offsets, use the following merging taper length formula for L:
 For speed of 40 mph or less, $L = WS^2/60$
 For speed of 45 mph or more, $L = WS$

Where: L = Taper length in feet
 W = Width of offset in feet
 S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - 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

LONGITUDINAL BUFFER SPACE AND FLAGGER STATION SPACING				
SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
		ft	ft	ft
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	728	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

ADVANCE WARNING SIGN SPACING			
ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
	ft	ft	ft
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.

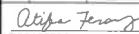
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM TABLES
 FOR LANE AND RAMP CLOSURES**
 NO SCALE

NOTES:

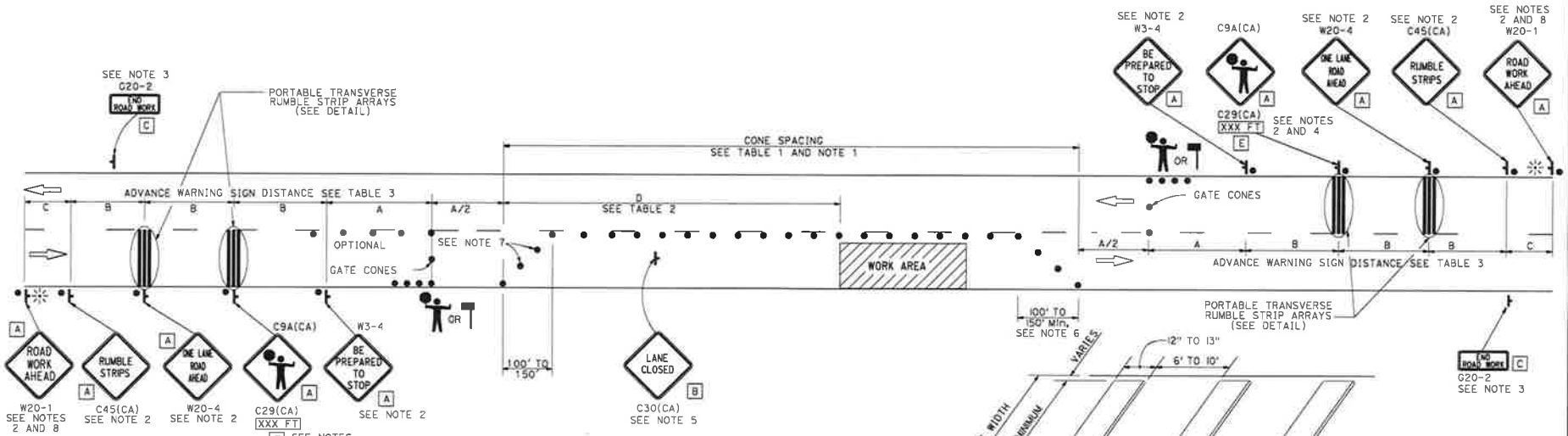
See Standard Plan T9 for tables.

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.

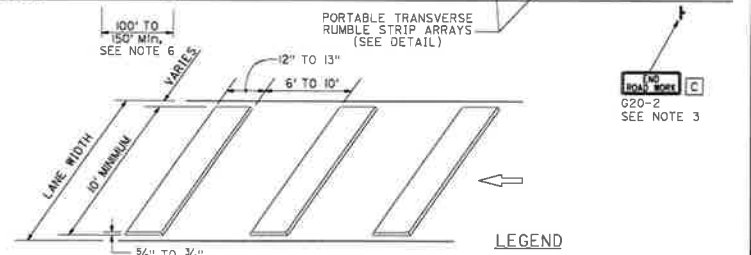
Dist	County	Route	POST MILES	SHEET TOTAL
			TOTAL PROJECT	NO. SHEETS
 REGISTERED CIVIL ENGINEER No. C80492 Exp. 3-31-23 STATE OF CALIFORNIA				
April 16, 2021 PLANS APPROVAL DATE				
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.				

TO ACCOMPANY PLANS DATED _____



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 by 16 inches in size. Place flashing beacons as shown for closures during hours of darkness.
3. 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.
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 I, 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)

SIGN PANEL SIZE (Min)

A	48" x 48"
B	30" x 30"
C	36" x 18"
D	36" x 42"
E	20" x 7"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
WITH REVERSIBLE CONTROL ON
TWO LANE CONVENTIONAL
HIGHWAYS**

NO SCALE

RSP T13 DATED APRIL 16, 2021 SUPERSEDES RSP T13 DATED OCTOBER 18, 2019 AND
STANDARD PLAN T13 DATED MAY 31, 2018 - PAGE 291 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP T13

2018 REVISED STANDARD PLAN RSP T13

DIST.	COUNTY	ROUTE	POST MILES	SHEET TOTAL
			TOTAL PROJECT	NO. SHEETS

Atifa Farouq
REGISTERED CIVIL ENGINEER

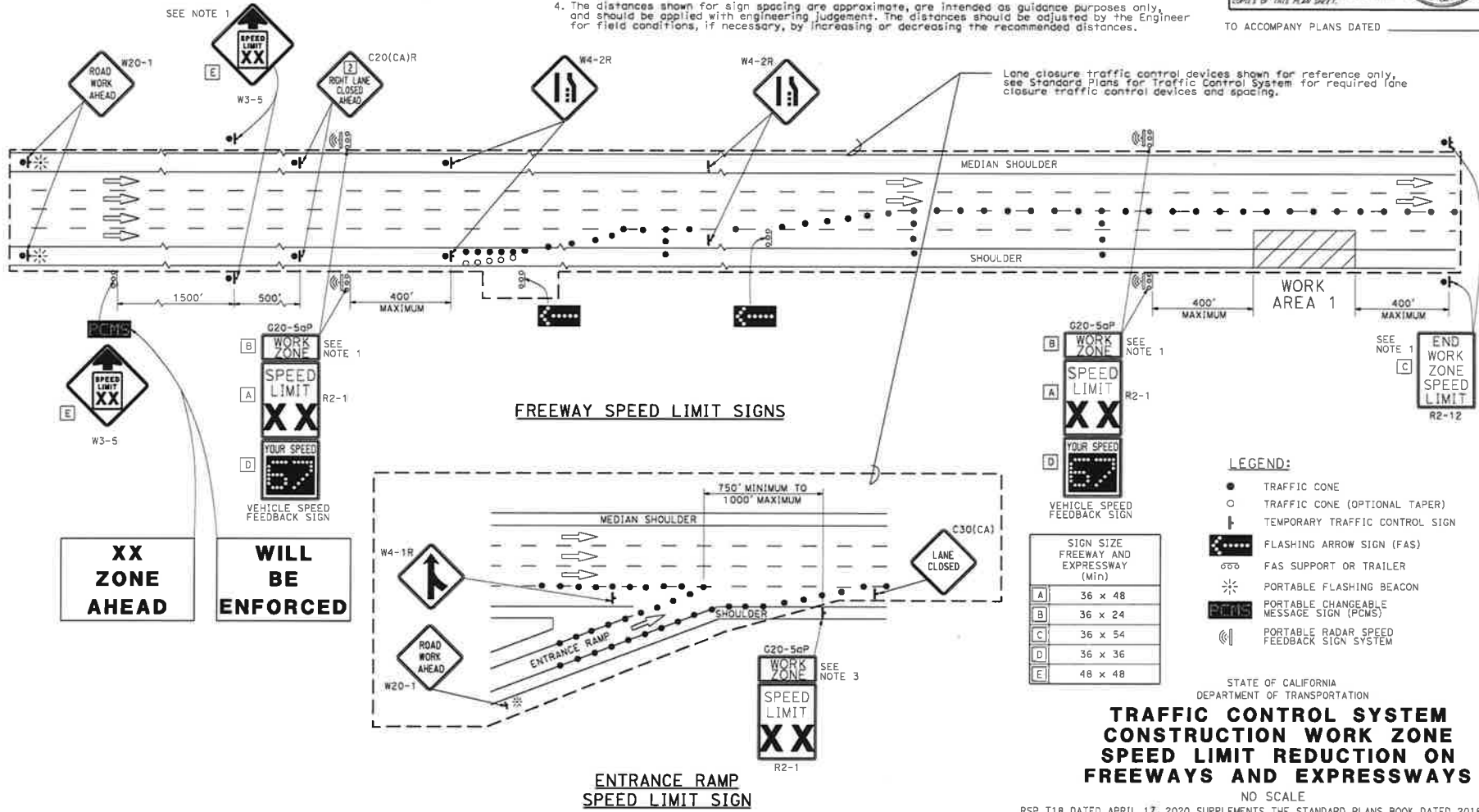
April 17, 2020
PLANS APPROVAL DATE

Atifa Farouq
C85452
3-11-21
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

NOTES:

- Duplicate sign installations are not required:
 - On opposite shoulder if at least one-half of the available lanes remain open to traffic.
 - In the median if the width of the median shoulder is less than 8' and the outside lanes are to be closed.
- Where speed limit reduction zones are longer than 3 miles, place intermediate R2-1 sign and G20-5aP plaque at approximate 3-mile spacing throughout the speed limit reduction zone.
- Place an R2-1 sign and G20-5aP plaque at each entrance ramp within the speed limit reduction zone.
- The distances shown for sign spacing are approximate, are intended as guidance purposes only, and should be applied with engineering judgement. The distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

TO ACCOMPANY PLANS DATED _____



Lane closure traffic control devices shown for reference only, see Standard Plans for Traffic Control System for required lane closure traffic control devices and spacing.

FREEWAY SPEED LIMIT SIGNS

LEGEND:

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN
- ⬇ FLASHING ARROW SIGN (FAS)
- ⬇ FAS SUPPORT OR TRAILER
- ⊛ PORTABLE FLASHING BEACON
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- Ⓜ PORTABLE RADAR SPEED FEEDBACK SIGN SYSTEM

	SIGN SIZE FREEWAY AND EXPRESSWAY (Min)
A	36 x 48
B	36 x 24
C	36 x 54
D	36 x 36
E	48 x 48

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
CONSTRUCTION WORK ZONE
SPEED LIMIT REDUCTION ON
FREEWAYS AND EXPRESSWAYS**

NO SCALE

RSP T18 DATED APRIL 17, 2020 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP T18

2018 REVISED STANDARD PLAN RSP T18

Figure 6H-10 (CA). Lane Closure on Two-Lane Road Using Flaggers (TA-10)

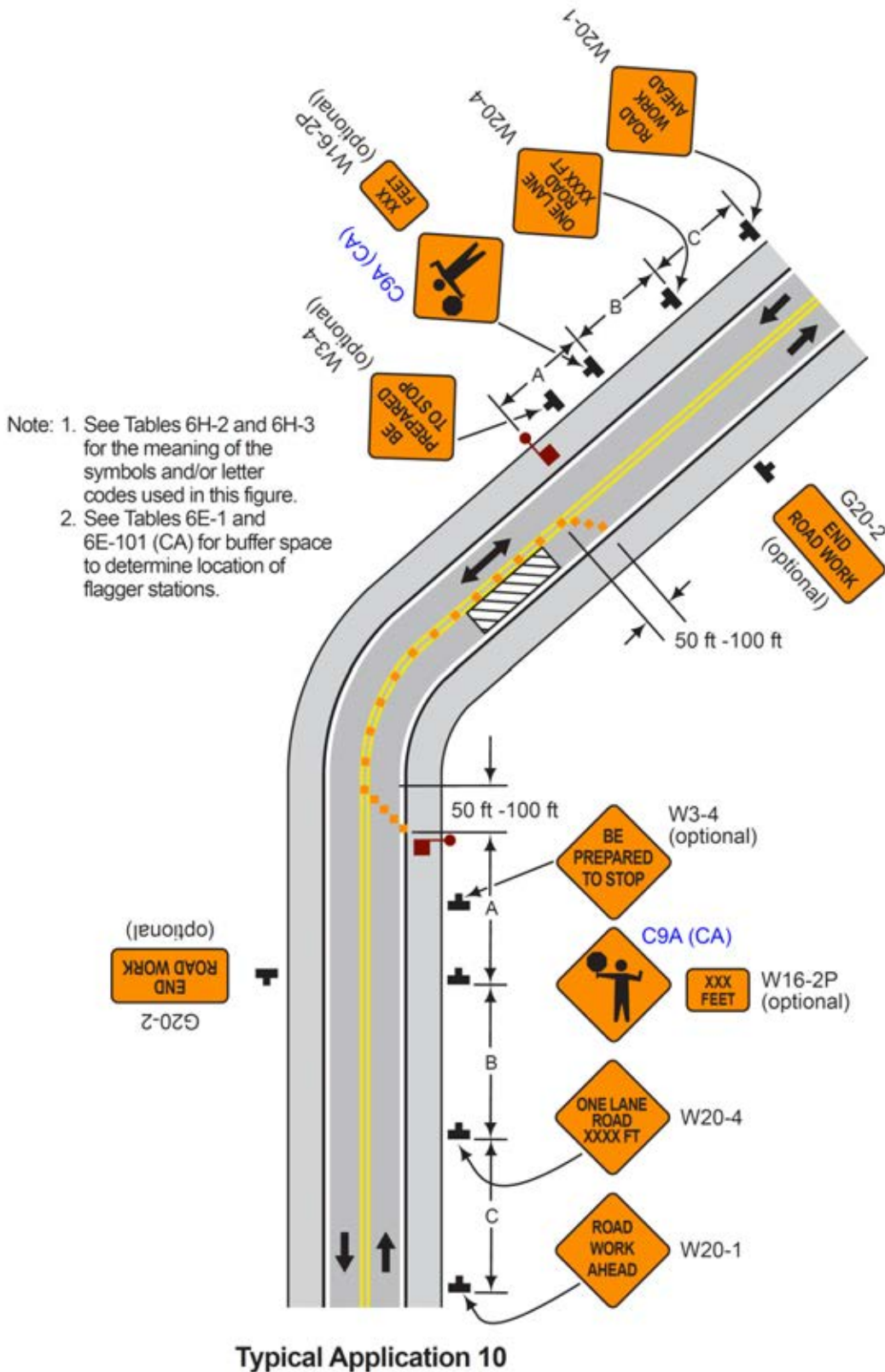


Figure 6H-27. Closure at the Side of an Intersection (TA-27)

