



COUNTY OF IMPERIAL

DEPARTMENT OF PUBLIC WORKS

155 S. 11th Street
El Centro, CA
92243

Tel: (442) 265-1818
Fax: (442) 265-1858

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Public Works works for the Public

COUNTY OF IMPERIAL PUBLIC WORKS

Evan Hewes Highway Rehabilitation From Eastern City of El Centro Limits to Highway 111; State Aid Project No. CRASL-5958(128); County Project No. 7032

ADDENDUM NO. 1

September 1, 2023

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. **Bid opening date has been postponed until September 22, 2023 at 2:00 p.m.**
2. **The Questions and Clarifications deadline has been postponed until September 12, 2023.**
 - a. All questions or clarifications must be in writing and shall be mailed to Adolfo Garcia, Construction Engineering Coordinator, at 155 S. 11th Street, El Centro, CA 92243 or emailed to adolfo.garcia@co.imperial.ca.us before September 12, 2023. No questions will be responded to after this day.
3. **DIVISION XIV - DOCUMENTS TO BE EXECUTED BY BIDDER, BID ITEM LIST has been revised.**

REPLACE Page 55 of Division XIV with the attached Page. 55.

REPLACE Page 2 - Bid Item List with attached revised Page 2 - Bid Item List

4. **REPLACE** Set of Plans dated August 2, 2023 with attached **Set of Plans dated August 25, 2023.**

It is recommended that original set of plans be destroyed to avoid any confusion. See attachment for updated version.

5. **REPLACE** Section 5-1.20A (Page 20) with the following:

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 Caltrans, Imperial Irrigation District, **City of El Centro** and any other agencies, utility providers and/or individuals that may be affected by the project in order to obtain any required authorization to access, construct, and permit to operate.


All bidders shall submit documents to the Imperial County Public Works Department showing proof of valid and current permits issued by the Air Pollution Control District, including the authorization to construct and the permit to operate. The permits shall be submitted after the bid opening and prior to the award of the Contract. Any bidders

failing to submit said documents within 10 days after bid opening shall render their bids nonresponsive.

Full compensation for all coordination with and obtaining such permits and licenses shall be at contractor expense, including any agency permit fees. All items within the required permits shall be considered as included in the various items of work and no additional payment shall be made therefor.

6. Add to Section 10-1.26 “OTHER JURISDICTION PERMITS”:

The Encroachment Permit Application prepared by the County including proposed Traffic Control Plan within the SR 111 is attached to this Addendum for reference purposes only. However, the Encroachment Permit has not been issued yet and the Traffic Control Plan is subject to Caltrans approval. Contractor still responsible to provide a Traffic Control Plan for County’s review and approval as specified in section 10-1.04 Maintaining Traffic and section 10-1.05 Traffic Control System for Lane Closure of the project’s Special Provisions.



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

Acknowledgement of Addendum No. 1

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: _____

BID ITEM LIST

Item No.	Item Description	Unit of Measure	Estimated Quantity
1	MOBILIZATION	LS	1
2	TEMPORARY TRAFFIC CONTROL & CONSTRUCTION AREA SIGNS	LS	1
3	VARIABLE AC PAVEMENT GRIND FROM 1-INCH TO 2-INCH	SY	31,660
4	GRIND 2-INCH OF AC PAVEMENT	SY	12,917
5	TRANSITIONAL AC PAVEMENT GRINDING	SY	399
6	CRACK SEALING	SY	49,055
7	1-INCH LEVELING COURSE	TON	2,660
8	2-INCH AC PAVEMENT	TON	5,335
9	HEADER CUT GRINDING	SY	2,540
10	CLASS II BASE SHOULDER BACKING	SY	5,270
11	SIGNING, STRIPING, AND PAVEMENT MARKINGS	LS	1
12	SURVEYING AND CONSTRUCTION STAKING	LS	1
13	MONUMENT PRESERVATION / PERPETUATION	LS	1
14	EROSION CONTROL PLAN	LS	1
15	ENVIRONMENTAL MITIGATION	LS	1
16	GEOSYNTHETIC PAVEMENT INTERLAYER FABRIC	SF	441,495
17	TIME AND MATERIAL ALLOCATION	LS	1

Plans, specifications, and proposal forms (bid documents) for bidding this project can be obtained at the office of the Imperial County Department of Public Works; 155 South 11th Street, El Centro, CA 92243. A \$100.00 fee is required (no refund will be made). Mail service is available at an additional cost of \$15.00 per set of documents. Make checks payable to the County of Imperial Department of Public Works.

Alternately, the bid documents can be found on Imperial County Public Works website under “Projects Out to Bid” at www.co.imperial.ca.us/PublicWorks/Index.htm.

Only those firms who have purchased the bid documents and the required construction trade journals will be directly provided any addendums that may be issued for this project prior to the bid opening date. Every attempt will be made to post addendums on the above mentioned Imperial County Public Works website as well. It is the bidder’s ultimate responsibility to verify that he or she has obtained ALL the addendums for each project in case bidder did not purchase the bid documents directly from the Imperial County Public Works Department.

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

Bid security shall accompany the bid in the form of a certified or cashier's check, or a Bid Bond for ten (10) percent of the maximum bid amount being proposed.

[Type here]

contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the following prices, to wit:

BID ITEM LIST

Item No.	ITEM DESCRIPTION	UNIT	QTY	ITEM PRICE	TOTAL
1	MOBILIZATION	LS	1		
2	TEMPORARY TRAFFIC CONTROL & CONSTRUCTION AREA SIGNS	LS	1		
3	VARIABLE AC PAVEMENT GRIND FROM 1-INCH TO 2-INCH	SY	31,660		
4	GRIND 2-INCH OF AC PAVEMENT	SY	12,917		
5	TRANSITIONAL AC PAVEMENT GRINDING	SY	399		
6	CRACK SEALING	SY	49,055		
7	1-INCH LEVELING COURSE	TON	2,660		
8	2-INCH AC PAVEMENT	TON	5,335		
9	HEADER CUT GRINDING	SY	2,540		
10	CLASS II BASE SHOULDER BACKING	SY	5,270		
11	SIGNING, STRIPING, AND PAVEMENT MARKINGS	LS	1		
12	SURVEYING AND CONSTRUCTION STAKING	LS	1		
13	MONUMENT PRESERVATION / PERPETUATION	LS	1		
14	EROSION CONTROL PLAN	LS	1		
15	ENVIRONMENTAL MITIGATION	LS	1		
16	GEOSYNTHETIC PAVEMENT INTERLAYER FABRIC	SF	441,495		
17	TIME AND MATERIAL ALLOCATION	LS	1		

TOTAL _____

STANDARD ENCROACHMENT PERMIT APPLICATION

TR-0100 (REV 12/2018)

FOR CALTRANS USE

TRACKING NO.

DIST/CO/RTE/PM

SIMPLEX STAMP

DATE OF SIMPLEX STAMP

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 111	3. POST MILE
4. ADDRESS OR STREET NAME Hwy 111 & Evan Hewes Hwy	5. CITY Imperial County	
6. CROSS STREET (Distance and direction from project site) Hwy 111 and Evan Hewes Hwy (west of Hwy 111 along Evan Hewes Hwy to Cooley Rd.)		DATE OF SIMPLEX STAMP
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 September 15, 2023	10. ESTIMATED COMPLETION DATE September 15, 2024	
11. ESTIMATED NUMBER OF WORKING DAYS WITHIN STATE HIGHWAY RIGHT-OF-WAY 30 Working Days (temporary traffic control signage only)		
12. ESTIMATED CONSTRUCTION COSTS WITHIN STATE HIGHWAY RIGHT-OF-WAY 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)	16. APPLICANT'S REFERENCE / UTILITY WORK ORDER NUMBER	
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.		

Traffic Control signs will be placed in accordance to Caltrans Standard Plans Sheet T9, T10 and T10A within Caltrans Right of Way (Hwy 111) to facilitate paving operations outside Caltrans Right-of-Way and within County of Imperial Right-of-Way (Evan Hewes Hwy - refer to attached plan). No construction work will be performed within Caltrans (Highway 111) 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) # T9, T10, T10A
 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)	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.

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) _____
-

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, PE, 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
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29. NAME OF AUTHORIZED AGENT / ENGINEER
 (A "Letter of Authorization" is required if different from #28)
 Roberto Martinez

IS A LETTER OF AUTHORIZATION ATTACHED?
 YES NO

ADDRESS OF AUTHORIZED AGENT / ENGINEER (Include City, State and Zip Code)
 626 Tiger Lily Lane, Imperial CA 92251

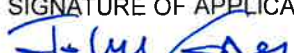
E-MAIL ADDRESS vexercon@gmail.com	PHONE NUMBER (760) 554-9336	FAX NUMBER (760) 355-9499
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30. NAME OF BILLING CONTACT (Same as #28 Same as #29)

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

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* 	32. PRINT OR TYPE NAME John A. Gay, P.E.
---	---

33. TITLE Director of Public Works, County of Imperial	34. DATE 8/16/23
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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).

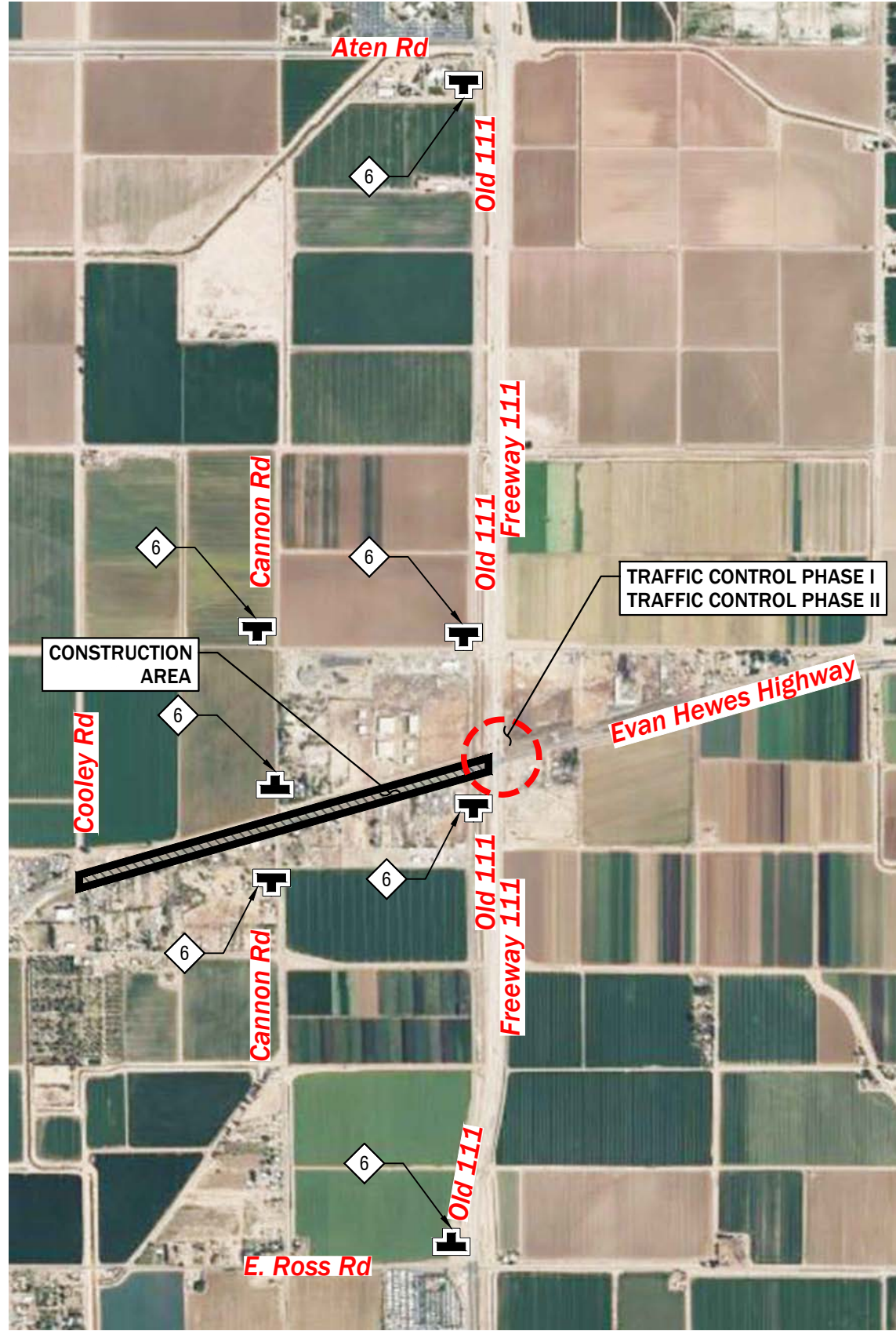
1. County (e.g. Fresno, San Francisco, Los Angeles, etc.)
2. State Highway Route Number (e.g. I-5, SR-99, etc.)
3. Highway Postmile: (location of work, see <https://postmile.dot.ca.gov/>)
If unable to determine, contact the appropriate District Encroachment Permits Office for assistance at: [http://www.dot.ca.gov/trafficops/ep/docs/Appendix_G_\(WEB\).pdf](http://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 8-1/2" 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.



SIGN LEGEND

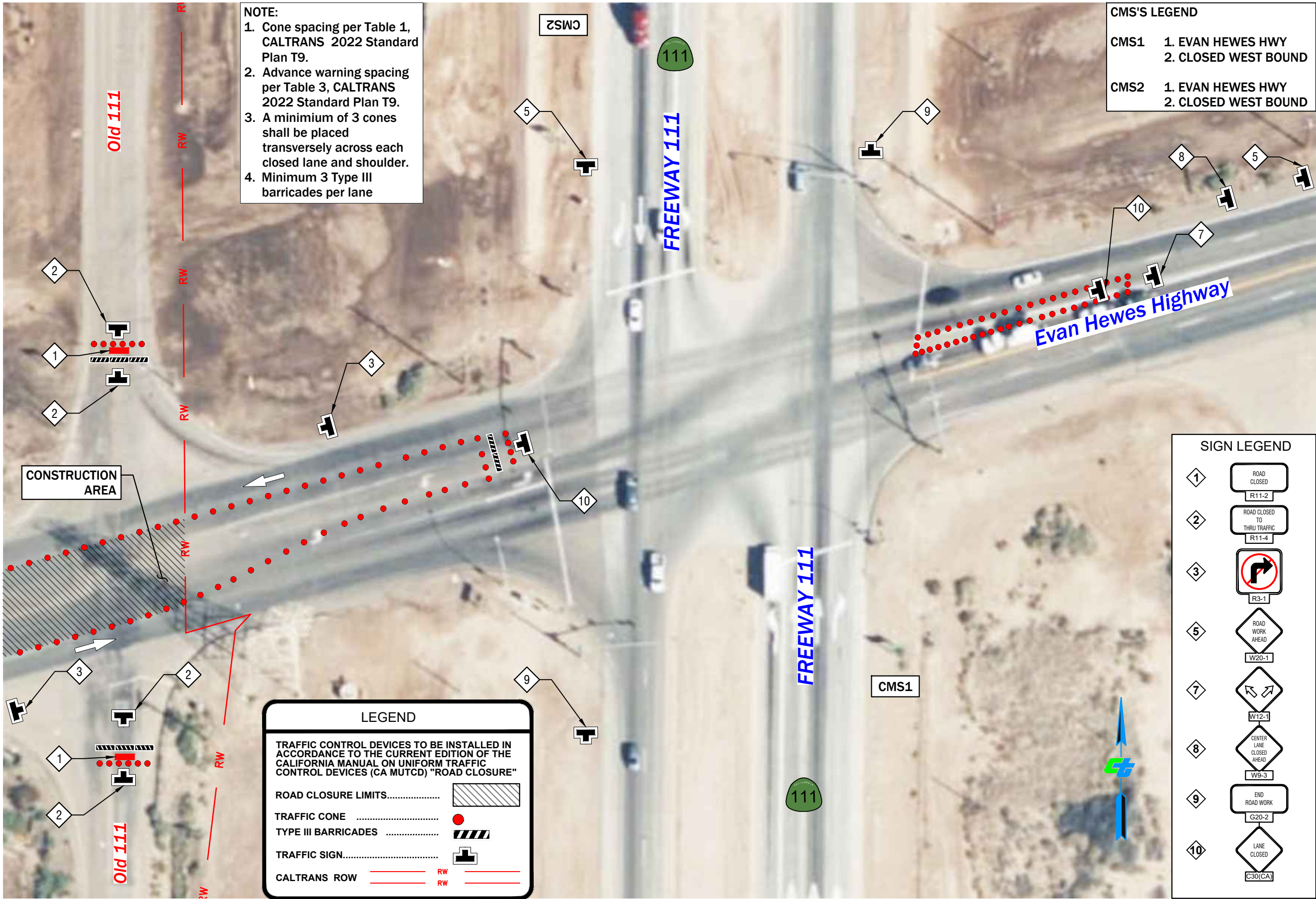
ROAD CLOSED LOCAL TRAFFIC ONLY
R11-3



VICINITY MAP

Scale: N.T.S.

		COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY: <i>[Signature]</i>	DATE: Aug. 22, 23	R.C.E. No.: 74475	REG. EXP.: 12-31-23
	COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:	DATE:	R.C.E. No.:	REG. EXP.:	
EVAN HEWES HIGHWAY REHABILITATION FROM COOLEY RD. TO HIGHWAY 111			SHEET 1 OF 3	DRAWN A.M.	DATE 8/22/23
			SCALE NONE	CHECKED R.M.	



NOTE:

1. Cone spacing per Table 1, CALTRANS 2022 Standard Plan T9.
2. Advance warning spacing per Table 3, CALTRANS 2022 Standard Plan T9.
3. A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.
4. Minimum 3 Type III barricades per lane

CMS'S LEGEND	
CMS1	1. EVAN HEWES HWY 2. CLOSED WEST BOUND
CMS2	1. EVAN HEWES HWY 2. CLOSED WEST BOUND

LEGEND	
TRAFFIC CONTROL DEVICES TO BE INSTALLED IN ACCORDANCE TO THE CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) "ROAD CLOSURE"	
ROAD CLOSURE LIMITS.....	
TRAFFIC CONE	
TYPE III BARRICADES	
TRAFFIC SIGN.....	
CALTRANS ROW	RW

SIGN LEGEND	
1	
2	
3	
5	
7	
8	
9	
10	

BLOW UP DETAIL
Scale: N.T.S.

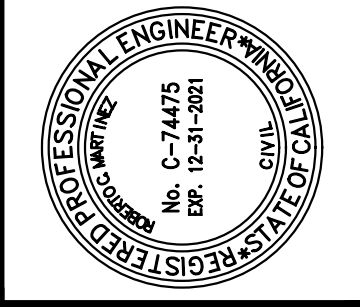
DATE	8/22-23	CHECKED	R.M.
DRAWN	A.M.	SCALE	NONE
SHEET	2	OF	3

TEMPORARY TRAFFIC CONTROL PLAN PHASE I

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:

[Signature]

74475 R.C.E. No.
12-31-23 REG. EXP.
Aug. 22, 23 DATE



C:\USERS\AMCES\IDROP\BOX\VEKER ENGINEERING\TRAFFIC CONTROL\EVAN HEWES HIGHWAY\EVAN HEWES HIGHWAY.DWG
PLOT DATE: 8/21/2023

CMS'S LEGEND

CMS1	1. EVAN HEWES HWY 2. CLOSED WEST BOUND
CMS2	1. EVAN HEWES HWY 2. CLOSED WEST BOUND

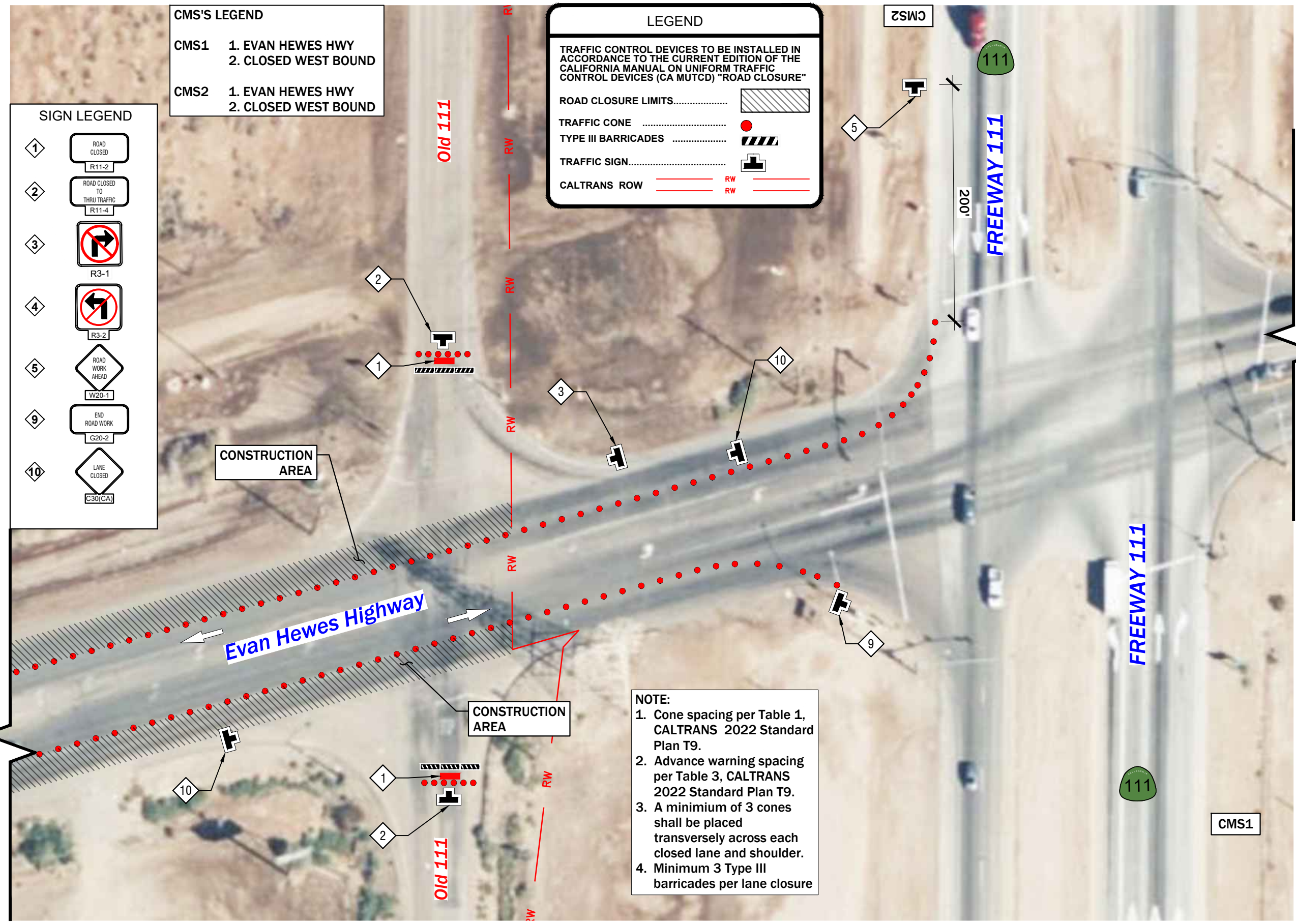
LEGEND

TRAFFIC CONTROL DEVICES TO BE INSTALLED IN ACCORDANCE TO THE CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) "ROAD CLOSURE"

ROAD CLOSURE LIMITS.....	
TRAFFIC CONE	
TYPE III BARRICADES	
TRAFFIC SIGN.....	
CALTRANS ROW	RW

SIGN LEGEND

1	
2	
3	
4	
5	
9	
10	



NOTE:

1. Cone spacing per Table 1, CALTRANS 2022 Standard Plan T9.
2. Advance warning spacing per Table 3, CALTRANS 2022 Standard Plan T9.
3. A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.
4. Minimum 3 Type III barricades per lane closure

BLOW UP DETAIL
Scale: N.T.S.

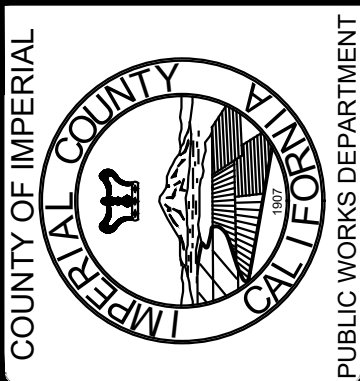
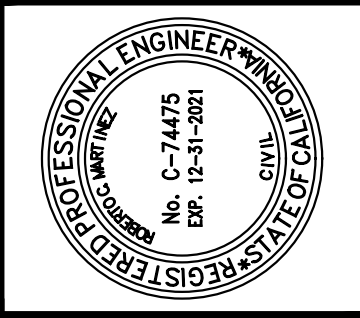
DATE	8/22/23	CHECKED	
DRAWN	A.M.	SCALE	NONE
SHEET	3	OF	3

**TEMPORARY TRAFFIC CONTROL PLAN
PHASE II**

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:

[Signature]

74475 R.C.E. No.
12-31-23 REG. EXP.
Aug. 22, 23 DATE





COUNTY OF IMPERIAL

EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(128); COUNTY PROJECT No. 7032

GENERAL NOTES

- STREET IMPROVEMENT GENERAL NOTES**
- COUNTY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
 - THE STRUCTURAL SECTIONS SHALL BE IN ACCORDANCE WITH IMPERIAL COUNTY STANDARDS (OR CALTRANS IF IN STATE ROW) AND AS APPROVED BY THE PUBLIC WORKS DIRECTOR (OR CALTRANS).
 - APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
 - ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF CURB, GUTTER, CROSS-GUTTER AND PAVING.
 - THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
 - LOCATION AND ELEVATIONS OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
 - UTILITIES COORDINATION
NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.

1. IMPERIAL IRRIGATION DISTRICT (POWER)	(800) 303-7756
2. IMPERIAL IRRIGATION DISTRICT (WATER)	(760) 339-9380
3. AT&T	(337) 337-3314
4. THE GAS CO.	(909) 335-7982
5. THE CABLE COMPANY (SPECTRUM)	(760) 670-8969
- EXISTING UNDERGROUND UTILITIES**
- BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK.
- CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- ACCURATE VERIFICATIONS AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, AT&T, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK NEAR SUCH UTILITY FACILITIES AND SHALL COORDINATE HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT" AT 811.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
- CONSTRUCT A PUBLIC STREET LIGHT SYSTEM CONFORMING TO APPROPRIATE STANDARDS AND STREET LIGHT SPECIFICATIONS. POWER SOURCES AND RUNG SHALL BE SHOWN ON THE AS-BUILT IMPROVEMENT DRAWINGS. ALL POWER SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY OR EASEMENT.
- NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
- PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. COUNTY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.
- ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL DO ALL NEW STRIPING AND SANDBLASTING OF REDUNDANT STRIPING.
- THE CONSTRUCTION OF ONE PGG STANDARD DRIVEWAY PER LOT LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OR SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE COUNTY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN COUNTY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED, (442) 265-1818. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEIR CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVE.

- NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE COUNTY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO ACCEPTANCE.
 - ALL WORK AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE IMPERIAL COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS AND ENCROACHMENT PERMIT CONDITIONS, ANY REFERENCED STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS & REQUIREMENTS OF THE AGENCIES REFERRED TO HEREIN. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF IMPERIAL COUNTY. WHERE, OR IF, CONFLICTS OCCUR, THEN THE IMPERIAL COUNTY REQUIREMENTS SHALL GOVERN.
 - UNLESS SPECIFICALLY INDICATED OTHERWISE METHODS EMPLOYED AND MATERIAL USED IN THE CONSTRUCTION OF ALL OFFSITE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE "STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 2006". ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL AS REQUIRED.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF SAFETY AND TO ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND STANDARDS.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADHERE FULLY WITH THE GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY. CONTACT "STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER QUALITY, ATTENTION: STORM WATER PERMIT UNIT, P.O. BOX 1977, SACRAMENTO, CALIFORNIA, 95812".
 - CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNER/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD, PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.
 - AS DETERMINED BY THE COUNTY PUBLIC WORKS DIRECTOR/ROAD COMMISSIONER, THE DEVELOPER IS RESPONSIBLE AS A MINIMUM FOR ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND PATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.
 - EXISTING STORM DRAIN PIPES/CULVERTS WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN PROJECT VICINITY SHALL BE REPAIRED AND/OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE PUBLIC WORKS DIRECTOR.
 - TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) OR AS DIRECTED BY THE IMPERIAL COUNTY TRAFFIC ENGINEER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURVEY MONUMENTS, CORNER ACCESSORIES AND/OR BENCHMARKS WITHIN THE LIMITS OF WORK. IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT (CHAPTER 15 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE), SUCH OBJECTS WITHIN THE LIMITS OF WORK THAT MAY BE DISTURBED OR DESTROYED BY CONSTRUCTION SHALL BE REFERENCED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD (OR RECORD OF SURVEY) SHOWING SAID REFERENCES SHALL BE FILED WITH THE COUNTY SURVEYOR PRIOR TO CONSTRUCTION. ANY MONUMENT, CORNER ACCESSORY, OR BENCHMARK THAT IS DISTURBED OR DESTROYED BY CONSTRUCTION SHALL BE REPLACED WITH APPROPRIATE MONUMENTATION BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD (OR RECORD OF SURVEY) SHALL BE FILED PRIOR TO PROJECT COMPLETION. FORM MPR-01 AND FORM MPR-02 ARE REQUIRED FOR ALL IMPERIAL COUNTY PROJECTS.
 - DUST SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH ALL IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT (APCD) FUGITIVE DUST CONTROL RULES AND REGULATIONS AND SHALL COMPLY WITH THEIR PERMITTING REQUIREMENTS, IF APPLICABLE.
- THE NOTES LISTED ABOVE ARE A MINIMUM LIST. THIS DOES NOT RELIEVE THE ENGINEER FROM COMPILING ADDITIONAL NOTES THAT MAY BE REQUIRED FOR THE PROJECT.
- GRADING PLAN GENERAL NOTES**
- APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
 - FINAL APPROVAL OF THESE GRADING PLANS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE. FINAL CURB GRADE ELEVATIONS MAY REQUIRE CHANGES IN THESE PLANS.
 - IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE COUNTY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN COUNTY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED. (760) 442-2651. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEIR CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE COUNTY DEPARTMENT OF PUBLIC WORKS.
 - THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES:

GAS:	TELEPHONE NO.	(909) 335-7982
ID POWER:	TELEPHONE NO.	(800) 303-7756
ID WATER:	TELEPHONE NO.	(760) 339-9380
AT&T TELEPHONE:	TELEPHONE NO.	(337) 337-3314
CATV:	TELEPHONE NO.	(760) 670-8969
SPECTRUM COMM.	TELEPHONE NO.	(760) 670-8969
 - A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT AND/OR GRADING PLAN APPROVAL.

- APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED AND A VALID GRADING PERMIT HAS BEEN ISSUED BY THE COUNTY PLANNING DEPARTMENT.
- THE DIRECTOR OF PUBLIC WORKS APPROVAL OF THESE PLANS DOES NOT CONSTITUTE COUNTY BUILDING OFFICIAL APPROVAL OF ANY FOUNDATION FOR STRUCTURES TO BE PLACED ON THE ITEMS COVERED BY THESE PLANS, INCLUDING ANY ONSITE OR PERIMETER SCREEN OR RETAINING WALLS.
- ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.
- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY SUCH PROPERTY FROM SETTling, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE, WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THE PLAN. THE COUNTY WILL HOLD THE CONTRACTOR RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
- SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING OPERATION, SUCH OPERATION WILL CEASE IMMEDIATELY AND THE CONTRACTOR WILL NOTIFY THE DIRECTOR OF THE PLANNING DEPARTMENT AND THE DISCOVERY. GRADING OPERATION WILL NOT RECOMMENCE UNTIL THE CONTRACTOR HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PLANNING TO DO SO.
- THE CONSTRUCTION OF ONE PGG STANDARD DRIVEWAY PER LOT LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER OF WORK AND APPROVED BY COUNTY PUBLIC WORKS INSPECTOR. PGG SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE.
- ALL GRADING SHALL CONFORM TO THE UNIFORM BUILDING CODE APPENDIX CHAP. 33, AS AMENDED BY TITLE 9 LAND USE ORDINANCE.
- ALL PROPERTY CORNERS SHALL BE CLEARLY DELINEATED IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION AND/OR GRADING.
- DURING ROUGH GRADING OPERATIONS AND PRIOR TO THE CONSTRUCTION OF ANY PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO CONTIGUOUS PROPERTIES.
- DUST SHALL BE CONTROLLED IN ACCORDANCE WITH THE APPROVED PM10 PLAN. APPROVAL SHALL BE BY IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT.
- NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE EXISTING GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.
- THE MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2:1, UNLESS A SLOPE STABILITY ANALYSIS AUTHORIZES A STEEPER SLOPE AND HAS BEEN APPROVED.
- A 5' WIDE BY 1' HIGH BERM, OR EQUIVALENT, SHALL BE CONSTRUCTED ALONG THE TOP OF ALL FILL SLOPES OVER 5' IN VERTICAL HEIGHT. ALL SLOPES LESS THAN OR EQUAL TO 5' SHALL HAVE A BERM TO PREVENT DRAINAGE FROM ERODING SAME.
- A BROW SLOPE DESIGNED TO HANDLE THE FLOWS (Q) FROM A 100-YR. STORM EVENT SHALL BE CONSTRUCTED ALONG THE TOP OF ALL CUT SLOPES.
- NO OBSTRUCTION OF FLOOD PLAINS OR NATURAL WATER COURSES WILL BE PERMITTED.
- ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION DURING STORM CONDITIONS. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT CONTIGUOUS PROPERTIES DURING GRADING OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DRAINAGE AWAY FROM BUILDINGS DURING CONSTRUCTION.
- THE FINISHED GRADE SHALL BE SLOPED AWAY FROM ALL EXTERIOR BUILDING WALLS AT NOT LESS THAN 4% (1/2" PER FOOT) FOR A MINIMUM OF 3 FEET, UNLESS A SOIL REPORT PROVIDES ALTERNATE RECOMMENDATIONS.
- A SUITABLY QUALIFIED AND REGISTERED PROFESSIONAL SHALL SUBMIT A WRITTEN CERTIFICATION TO THE PUBLIC WORKS DEPARTMENT THAT THE FINAL GRADING HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS FOR ALL GRADING DESIGNATED AS "ENGINEERED GRADING". AS-BUILT PLANS SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF REQUESTING A FINISH LOT GRADE AND DRAINAGE INSPECTION. THIS INSPECTION MUST BE APPROVED PRIOR TO THE BUILDING PERMIT FINAL INSPECTION BY PUBLIC WORKS FOR EACH LOT.
- THE CONTRACTOR SHALL NOTIFY "UNDERGROUND SERVICE ALERT" AT 811 A MINIMUM OF TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY DIGGING OR EXCAVATION.

LEGEND

ITEM NO.	ITEM	LEGEND
1.	EDGE OF EXISTING PAVEMENT	---
2.	CENTERLINE/BASELINE	---
3.	POWER POLE OR TELEPHONE POLE	○
4.	SIGN	□
5.	EXISTING TREES	○
6.	CALTRANS RIGHT OF WAY LINE	---
7.	IMPERIAL COUNTY RIGHT OF WAY LINE	---
9.	CONTRACTOR SHALL COLD PLANE (GRIND) 1-INCH OF THE EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE	▨
10.	ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER	▨
11.	CONTRACTOR SHALL VARIABLE GRIND (COLD PLANE) EXISTING A.C. PAVEMENT FROM 1-INCH TO 2-INCHES, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE	▨
12.	ASPHALT CONCRETE TO BE TRANSITIONAL GRIND (COLD PLANE) FROM A VARIABLE GRIND TO A 2-INCH GRIND AS ILLUSTRATED ON IMPROVEMENT PLANS	▨
13.	INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.	---

BASIS OF BEARINGS

PROJECT BASIS OF BEARINGS:

THE BASIS OF BEARING FOR THIS SURVEY IS THE N78°52'22"E BETWEEN TWO NGS BENCHMARK STATION "L 1362 1981 (PID-DB1168) AND "1VFN MEADOWS 2 1981 (PID-DB1752), AND ARE BASED UPON A LOCAL COORDINATE SYSTEM PER RECORD OF SURVEY RECORDED IN BOOK 21, PAGE 1 OF RECORDS OF SURVEYS.

NGS STATION	NORTHING	EASTING
L1362	1870382.7760	6786505.8390
MEADOWS 2	1872831.3520	6797005.4610

BENCHMARK

BENCHMARK DESCRIPTION:

BASIS OF BEARINGS:

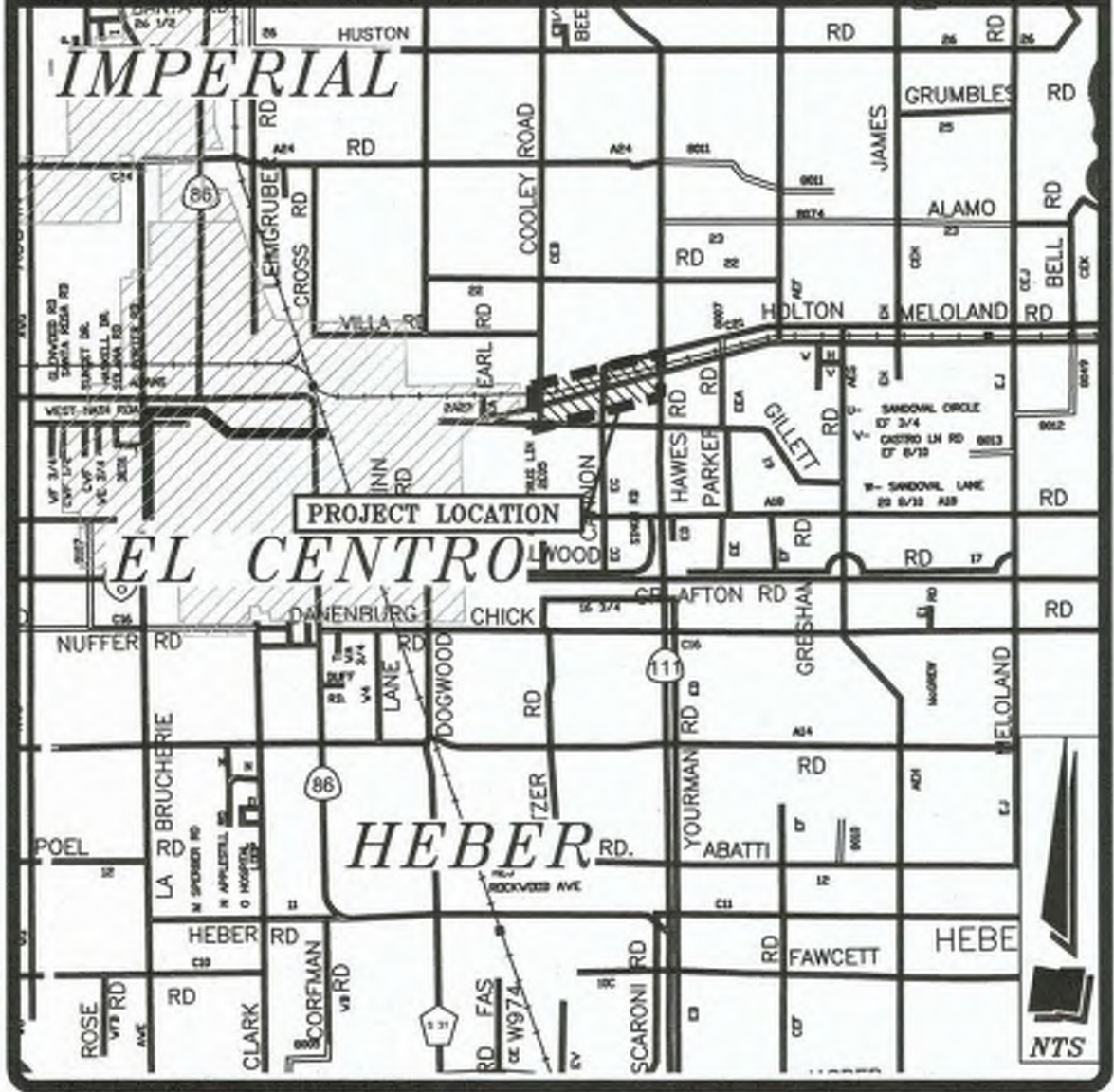
THE STATION MARK IS A STANDARD BENCHMARK DISK SET IN THE TOP OF A CONCRETE HEADWALL ON THE ALDER CANAL, 29 FEET EAST OF THE CENTERLINE OF COOLEY ROAD, AT THE SOUTHEAST CORNER OF THE SOUTH HEADWALL LOCATED 3.5 MI EAST OF EL CENTRO ON COOLEY ROAD, 0.1 MI NORTH OF THE INTERSECTION OF COOLEY ROAD AND EVAN HEWES HIGHWAY.

PROJECT ELEVATION: 958.09'

ABBREVIATIONS

A.C.	ASPHALT CONCRETE	MH	MAN HOLE
APP L	APPROXIMATE LOCATION	N.T.S.	NOT TO SCALE
B.C.	BEGINNING OF CURVE RADIUS	OHE	OVERHEAD ELECTRICAL LINE
BM	BENCH MARK	%	PERCENT
CL	CENTERLINE	P.P.	POWER POLE
CP	CONTROL POINT	P.C.R.	POINT OF CURB RETURN
DW	DRIVEWAY	PRW	PRESCRIPTIVE RIGHT-OF-WAY
Δ	DELTA	R	RADIUS
E.P.	EDGE OF PAVEMENT	R.R.	REMOVE AND RELOCATE
EL	ELEVATION	R.W.	RIGHT-OF-WAY
E.C.	END OF CURVE RADIUS	SD	STORM DRAIN
F.L.	FLOWLINE	TOP	TOP OF PIPE
F	FINISH FLOOR	TC	TOP OF CURB
FS	FINISH SURFACE	T.P.	TOP OF PAVEMENT

VICINITY MAP



SHEET INDEX

- TITLE SHEET
- SHEET INDEX
- EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 5+00 TO STA 20+75
- EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 20+75 TO STA 38+75
- EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 38+75 TO STA 56+75
- CROSS SECTION
- CROSS SECTION
- CROSS SECTION
- DETAIL SHEET
- DETAIL SHEET
- EROSION CONTROL PLAN
- EROSION CONTROL DETAILS

THE CONTRACTOR SHALL POSSESS A CALIFORNIA CONTRACTOR'S LICENSE, CLASS A, AT THE TIME THIS CONTRACT IS AWARDED.



REVISION	DATE	COMMENTS

PREPARED UNDER THE DIRECT SUPERVISION OF:

Veronica Atondo, P.E.
DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
8/29/23
DATE

61484
R.C.E. No.
06/30/25
REG. EXP.

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:

John A. Gay, P.E.
DIRECTOR OF PUBLIC WORKS
6/20/28
R.C.E. No.
09/30/23
REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE: 08/29/2023
DRAWN: AG
SCALE: N/A
CHECKED: V.A./A.G.

PROJECT TITLE:
**EVAN HEWES HIGHWAY REHABILITATION FROM
EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111;
STATE AID PROJECT NO. CRASL-5958(128);
COUNTY PROJECT No. 7032**

TITLE SHEET

REFERENCE: **7032**

R-1012

SHEET 1 OF 13

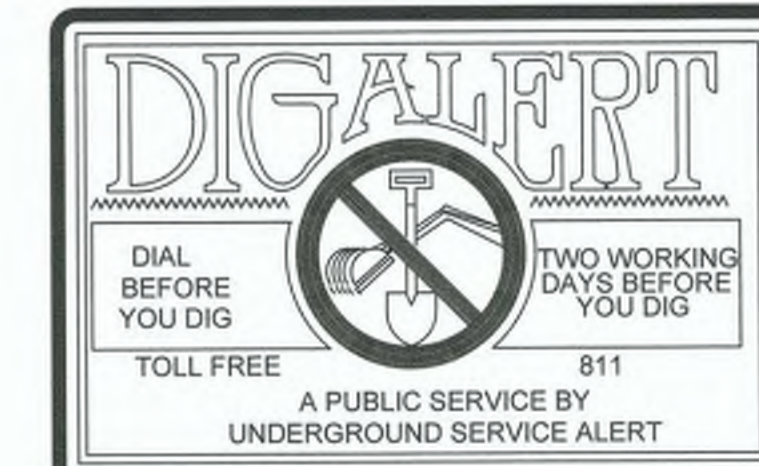


BASIS OF BEARINGS:
 THE BASIS OF BEARING FOR THIS SURVEY IS THE N76°52'22"E BETWEEN TWO NGS BENCHMARK STATION "L 1362 1981 (PID:DB1188) AND "VTPN MEADOWS 2 1981 (PID:DB1752)", AND ARE BASED UPON A LOCAL COORDINATE SYSTEM PER RECORD OF SURVEY RECORDED IN BOOK 21, PAGE 1 OF RECORDS OF SURVEYS.

NGS STATION	NORTHING	EASTING
L1362	1870382.7760	6786505.8390
MEADOWS 2	1872831.3520	6797005.4610

BASIS OF BEARINGS:
 THE STATION MARK IS A STANDARD BENCHMARK DISK SET IN THE TOP OF A CONCRETE HEADWALL ON THE ALDER CANAL, 29 FEET EAST OF THE CENTERLINE OF COOLEY ROAD, AT THE SOUTHEAST CORNER OF THE SOUTH HEADWALL LOCATED 3.5 MI EAST OF EL CENTRO ON COOLEY ROAD, 0.1 MI NORTH OF THE INTERSECTION OF COOLEY ROAD AND EVAN HEWES HIGHWAY.

PROJECT ELEVATION: 958.09'



REVISION	DATE	COMMENTS



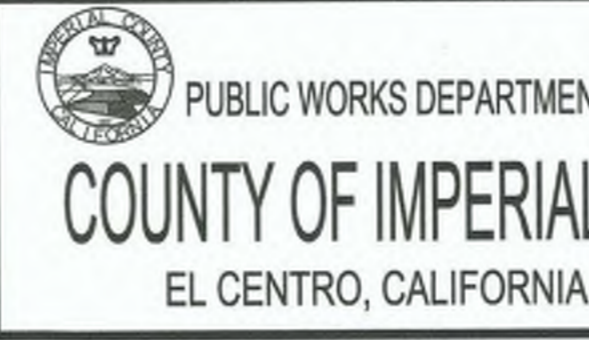
PREPARED UNDER THE DIRECT SUPERVISION OF:
Veronica Atondo
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 8/29/23
 DATE

61484
 R.C.E. No.
 06/30/25
 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:
John A. Gay
 JOHN A. GAY, P.E.
 DIRECTOR OF PUBLIC WORKS
 8/29/23
 DATE

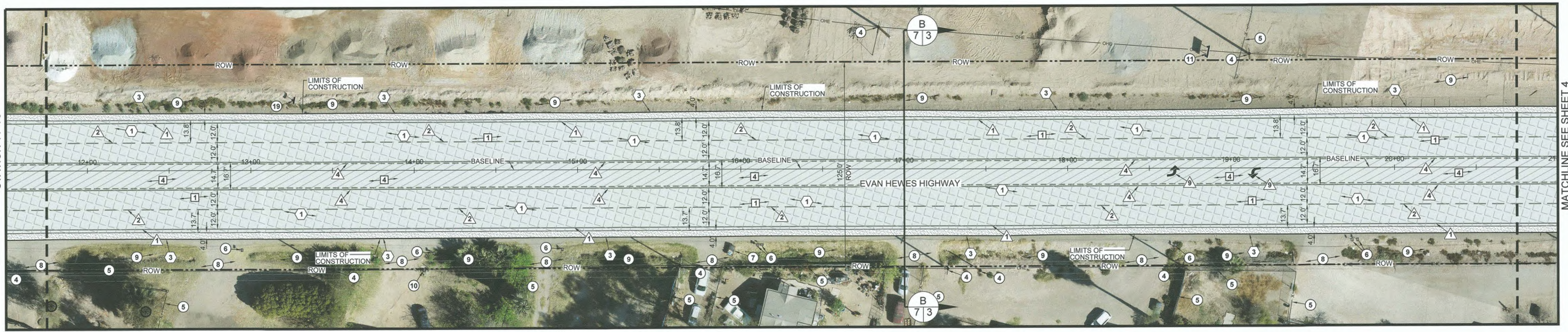
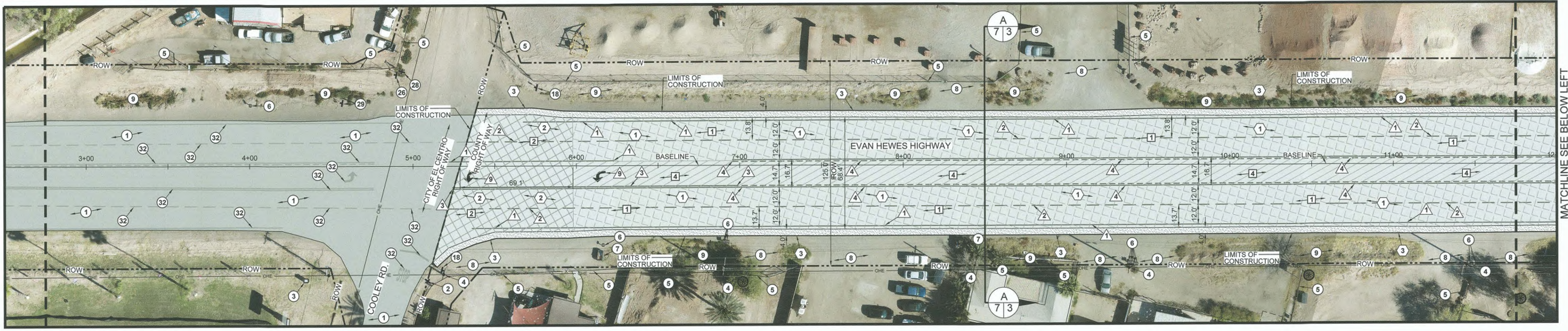
62028
 R.C.E. No.
 09/30/23
 REG. EXP.



DATE: 08/29/2023
 DRAWN: AG
 SCALE: NTS
 CHECKED: V.A.J.A.G.

PROJECT TITLE
 EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(128); COUNTY PROJECT No. 7032

SHEET INDEX	
REFERENCE	R-1012
7032	SHEET 2 OF 13



LEGEND

	CONTRACTOR SHALL GRIND 2-INCH OF EXISTING A.C. PAVEMENT. CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
	ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 10.
	CONTRACTOR SHALL VARIABLE GRIND (COLD PLANE) EXISTING A.C. PAVEMENT FROM 1-INCH TO 2-INCHES. CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE. AS ILLUSTRATED ON THE IMPROVEMENT PLANS. SEE SECTION AA-GG ON SHEET 8 TO 9.
	ASPHALT CONCRETE TO BE TRANSITIONAL GRIND (COLD PLANE) FROM A VARIABLE GRIND TO A 2-INCH GRIND AS ILLUSTRATED ON IMPROVEMENT PLANS.
	INSTALL 4-FOOT WIDE CLASS 2 SHOULDER OR AS ILLUSTRATED ON THE IMPROVEMENT PLANS.

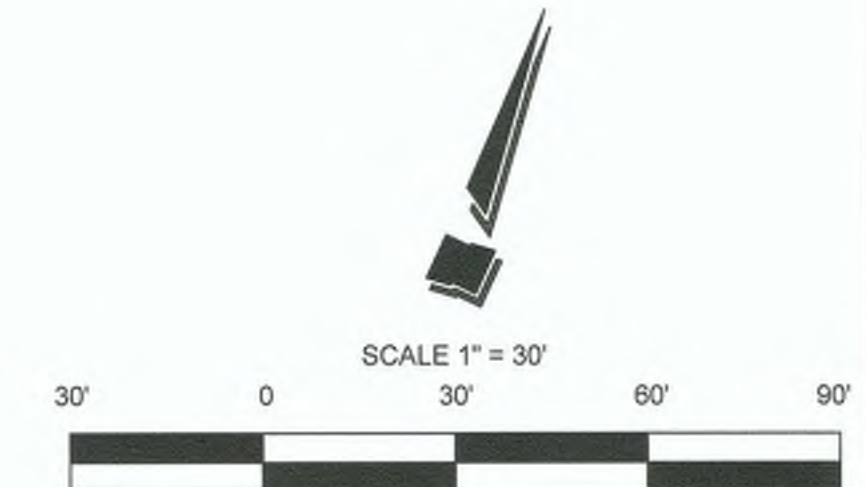
- EXISTING KEYNOTES**
- 1 EXISTING AC PAVEMENT TO REMAIN.
 - 2 EXISTING STOP SIGN TO REMAIN.
 - 3 EXISTING COMMUNICATION ENCLOSURE TO REMAIN.
 - 4 EXISTING POWER POLE TO REMAIN.
 - 5 EXISTING FENCE TO REMAIN.
 - 6 EXISTING MAILBOX TO REMAIN.
 - 7 EXISTING TRASH CONTAINER TO REMAIN.
 - 8 EXISTING NATIVE DRIVEWAY TO REMAIN.
 - 9 EXISTING SWALE TO REMAIN.
 - 10 EXISTING MAILBOX TO REMAIN.
 - 11 EXISTING ADVERTISEMENT SIGN TO REMAIN.
 - 12 EXISTING UNDERGROUND IID PIPELINE TO REMAIN.
 - 13 EXISTING IID HEADWALL TO REMAIN.
 - 14 EXISTING IID LATERAL TO REMAIN.
 - 15 EXISTING BOLLARD TO REMAIN.
 - 16 EXISTING WATER METER TO REMAIN.
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 - 18 EXISTING COUNTY LIMIT SIGN TO REMAIN.
 - 19 EXISTING ROAD REGULATORY SIGN TO REMAIN.
 - 20 EXISTING GAS VALVE RISERS TO REMAIN.
 - 21 EXISTING ELECTRICAL ENCLOSURE FOR TRAFFIC SIGNAL TO REMAIN.

- DEMOLITION KEYNOTES**
- 22 EXISTING STREET LIGHT TO REMAIN.
 - 23 EXISTING HIGH VOLTAGE ELECTRICAL TOWER TO REMAIN.
 - 24 EXISTING STANDING PIPE TO REMAIN.
 - 25 EXISTING SIGNAL LIGHT TO REMAIN.
 - 26 EXISTING HIGH PRESSURE GAS PIPELINE SIGN TO REMAIN.
 - 27 EXISTING HIGH PRESSURE GAS PIPELINE TO REMAIN.
 - 28 EXISTING STREET NAME SIGN TO REMAIN.
 - 29 EXISTING CITY OF EL CENTRO ORDINANCE SIGN TO REMAIN.
 - 30 EXISTING AC DIKE TO REMAIN.
 - 31 EXISTING GUARD RAIL TO REMAIN.
 - 32 EXISTING STRIPING TO REMAIN.
 - 33 EXISTING A.C. PAVEMENT DRIVEWAY TO REMAIN.

- CONSTRUCTION KEYNOTES**
- 1 CONTRACTOR SHALL VARIABLE GRIND (COLD PLANE) THE EXISTING A.C. PAVEMENT FROM 1-INCH TO 2-INCHES IN DEPTH. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. SEE SECTION A-A TO H-H ON SHEET 7 AND SHEET 8.
 - 2 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING A.C. PAVEMENT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 10.
 - 3 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING DRIVEWAY A.C. PAVEMENT TO TRANSITION DRIVEWAY ENTRANCE AS ILLUSTRATED ON IMPROVEMENT PLANS OR AS DIRECTED BY THE ENGINEER. SEE DETAIL B ON SHEET 10.
 - 4 CONTRACTOR SHALL GRIND (COLD PLANE) THE EXISTING A.C. PAVEMENT FOR A MAXIMUM 2-INCH IN DEPTH. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. SEE SECTION A-A THROUGH G-G ON SHEET 7 TO SHEET 9.
 - 5 CONTRACTOR SHALL TRANSITIONAL GRIND (COLD PLANE) THE EXISTING A.C. PAVEMENT FROM THE VARIABLE GRIND OPERATION TO A FULL 2-INCH GRIND. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. AS ILLUSTRATED ON THE IMPROVEMENT PLANS.

- STRIPING KEYNOTES**
- 1 CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. PRIOR TO THE 1-INCH LEVELING COURSE THE CONTRACTOR SHALL BACKFILL POTHOLES WITH MINIMUM 1'X1' AREA TO A MAXIMUM 3'X3' AREA WITH NO UNDERLYING STRUCTURAL SECTION AS APPROVED BY THE RESIDENT ENGINEER. POTHOLES SHALL BE BACKFILLED WITH 12-INCH HOT MIX AC PAVEMENT. SEE SECTION A-A THROUGH G-G ON SHEET 7 TO SHEET 8.
 - 2 CONTRACTOR TO INSTALL A.C. PAVEMENT AT "HEADER CUT" JOINT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 10.
 - 3 CONTRACTOR TO PLACE CLASS 2 BASE MATERIAL FLUSH WITH NEW A.C. PAVEMENT FOR A HORIZONTAL DISTANCE OF 4-FOOT OR AS ILLUSTRATED ON IMPROVEMENT PLANS BY THE MATCH AREA TO DAYLIGHT. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. APPLY LIGHT MIST OF WATER TO THE CLASS 2 SURFACE AFTER FINAL GRADING IS SATISFACTORILY COMPLETED. A-A THROUGH G-G ON SHEET 7 TO SHEET 8.
 - 4 CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT ON PAVED DRIVEWAY AS ILLUSTRATED ON IMPROVEMENTS PLANS. SEE DETAIL B ON SHEET 10.

- STRIPING KEYNOTES**
- 1 CONTRACTOR TO PAINT A 6-INCH SOLID WHITE EDGE LINE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B. SEE DETAIL C ON SHEET 10.
 - 2 CONTRACTOR TO PAINT A 6-INCH DASH WHITE LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 11. SEE DETAIL D ON SHEET 10.
 - 3 CONTRACTOR TO PAINT A 6-INCH SOLID DOUBLE YELLOW LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 21. SEE DETAIL D ON SHEET 10.
 - 4 CONTRACTOR TO PAINT A 6-INCH DOUBLE YELLOW "NO PASSING ZONE" LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 18. SEE DETAIL D ON SHEET 10.
 - 5 CONTRACTOR TO PAINT "SIGNAL" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
 - 6 CONTRACTOR TO PAINT "AHEAD" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
 - 7 CONTRACTOR TO PAINT "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
 - 8 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL F ON SHEET 11.
 - 9 CONTRACTOR TO PAINT ARROW LEGEND PER CALTRANS STANDARD PLAN A24A, TYPE IV (L). SEE DETAIL G ON SHEET 11.



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:

Veronica A. Toño
 VERONICA A. TONO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 DATE: 8/29/23

61484 R.C.E. No.
 08/30/25 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:

John Gay
 JOHN A. GAY, P.E.
 DIRECTOR OF PUBLIC WORKS
 DATE: 8/29/23

62028 R.C.E. No.
 09/30/23 REG. EXP.



DATE: 08/29/2023
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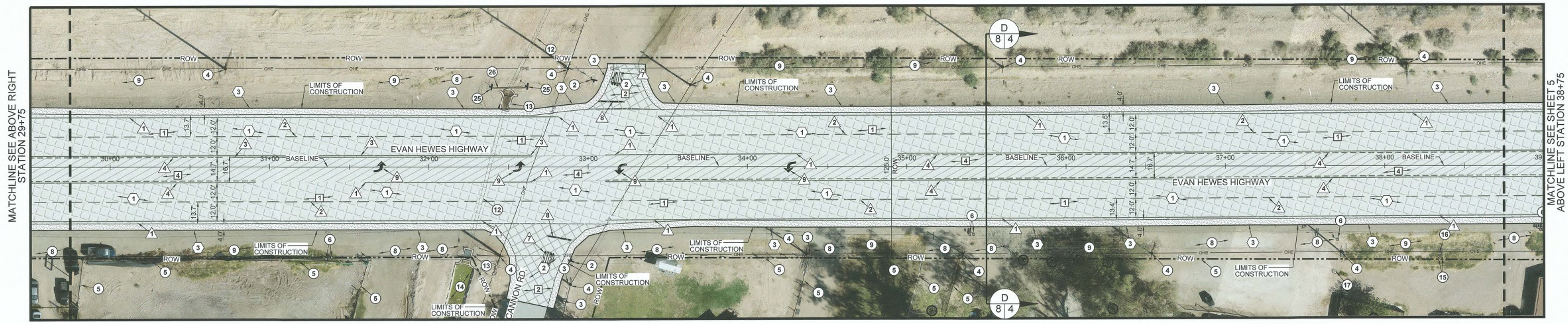
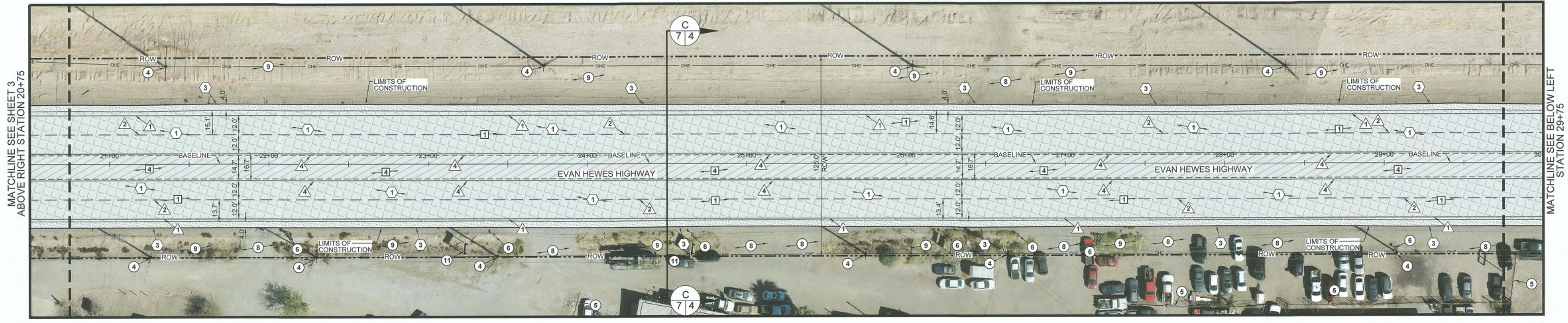
PROJECT TITLE
EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(128); COUNTY PROJECT No. 7032

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 5+00 TO STA 20+75

REFERENCE: 7032

R-1012

SHEET 3 OF 13



LEGEND

	CONTRACTOR SHALL GRIND 2-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
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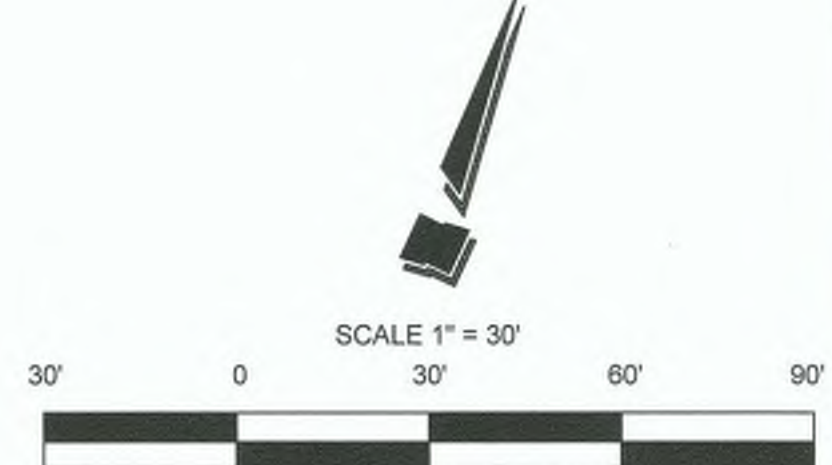
- EXISTING KEYNOTES**
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 - 8 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL F ON SHEET 11.
 - 9 CONTRACTOR TO PAINT ARROW LEGEND PER CALTRANS STANDARD PLAN A24A, TYPE IV (L). SEE DETAIL G ON SHEET 11.



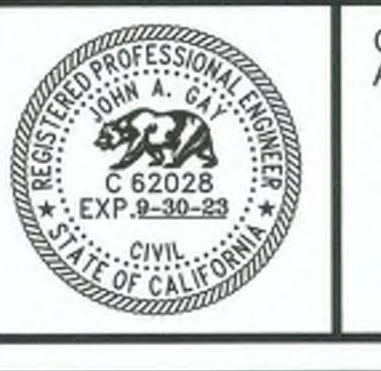
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:

Veronica V. Atondo
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 8/29/23
 DATE

61484
 R.C.E. No.
 06/30/25
 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:

John A. Gay
 JOHN A. GAY, P.E.
 DIRECTOR OF PUBLIC WORKS
 8/29/23
 DATE

62028
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 09/30/23
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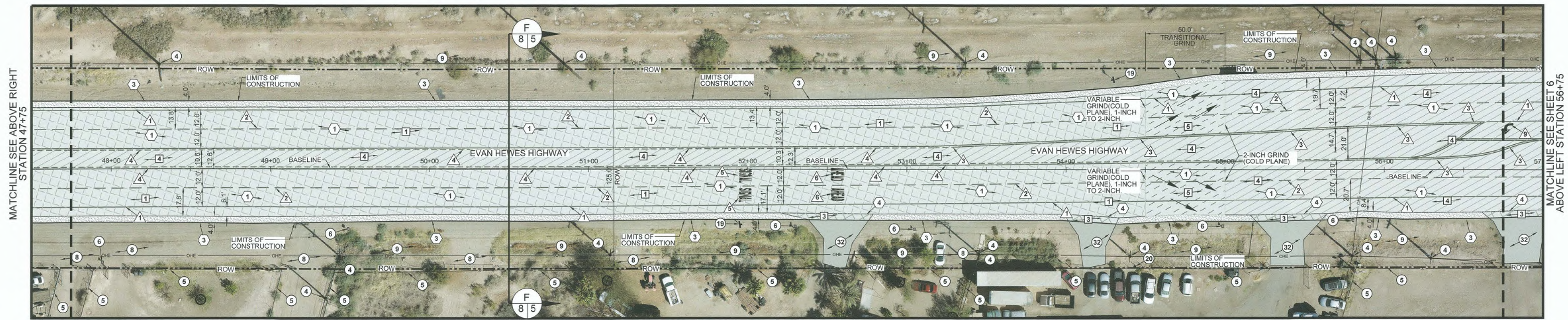
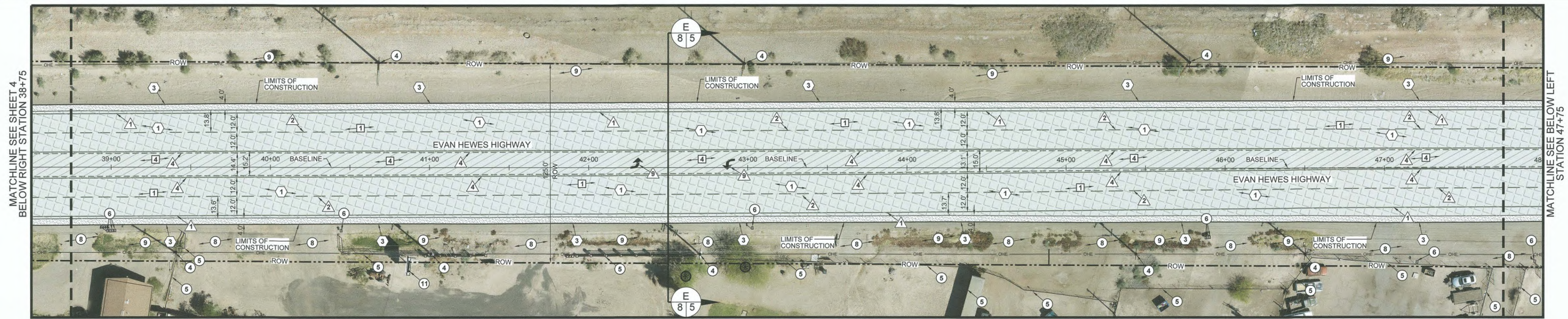


DATE: 08/29/2023
 DRAWN: AG
 SCALE: 1" = 30'
 CHECKED: V.A./A.G.

PROJECT TITLE

EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(128); COUNTY PROJECT No. 7032

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 20+75 TO STA 38+75	
REFERENCE	R-1012
7032	SHEET 4 OF 13



LEGEND

- CONTRACTOR SHALL GRIND 2-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
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- INSTALL 4-FOOT WIDE CLASS 2 SHOULDER OR AS ILLUSTRATED ON THE IMPROVEMENT PLANS.

EXISTING KEYNOTES

- 1 EXISTING AC PAVEMENT TO REMAIN.
- 2 EXISTING STOP SIGN TO REMAIN.
- 3 EXISTING COMMUNICATION ENCLOSURE TO REMAIN.
- 4 EXISTING POWER POLE TO REMAIN.
- 5 EXISTING FENCE TO REMAIN.
- 6 EXISTING MAILBOX TO REMAIN.
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DEMOLITION KEYNOTES

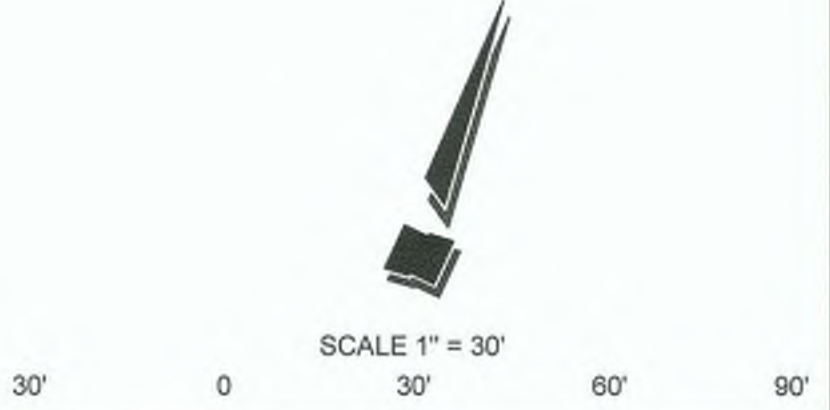
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CONSTRUCTION KEYNOTES

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STRIPING KEYNOTES

- 1 CONTRACTOR TO PAINT A 6-INCH SOLID WHITE EDGE LINE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B. SEE DETAIL C ON SHEET 10.
- 2 CONTRACTOR TO PAINT A 6-INCH DASH WHITE LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 11. SEE DETAIL D ON SHEET 10.
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- 4 CONTRACTOR TO PAINT "SIGNAL" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
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- 6 CONTRACTOR TO PAINT "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
- 7 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL F ON SHEET 11.
- 8 CONTRACTOR TO PAINT ARROW LEGEND PER CALTRANS STANDARD PLAN A24A, TYPE IV (L). SEE DETAIL G ON SHEET 11.



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Veronica V. Atondo
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 8/29/23
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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
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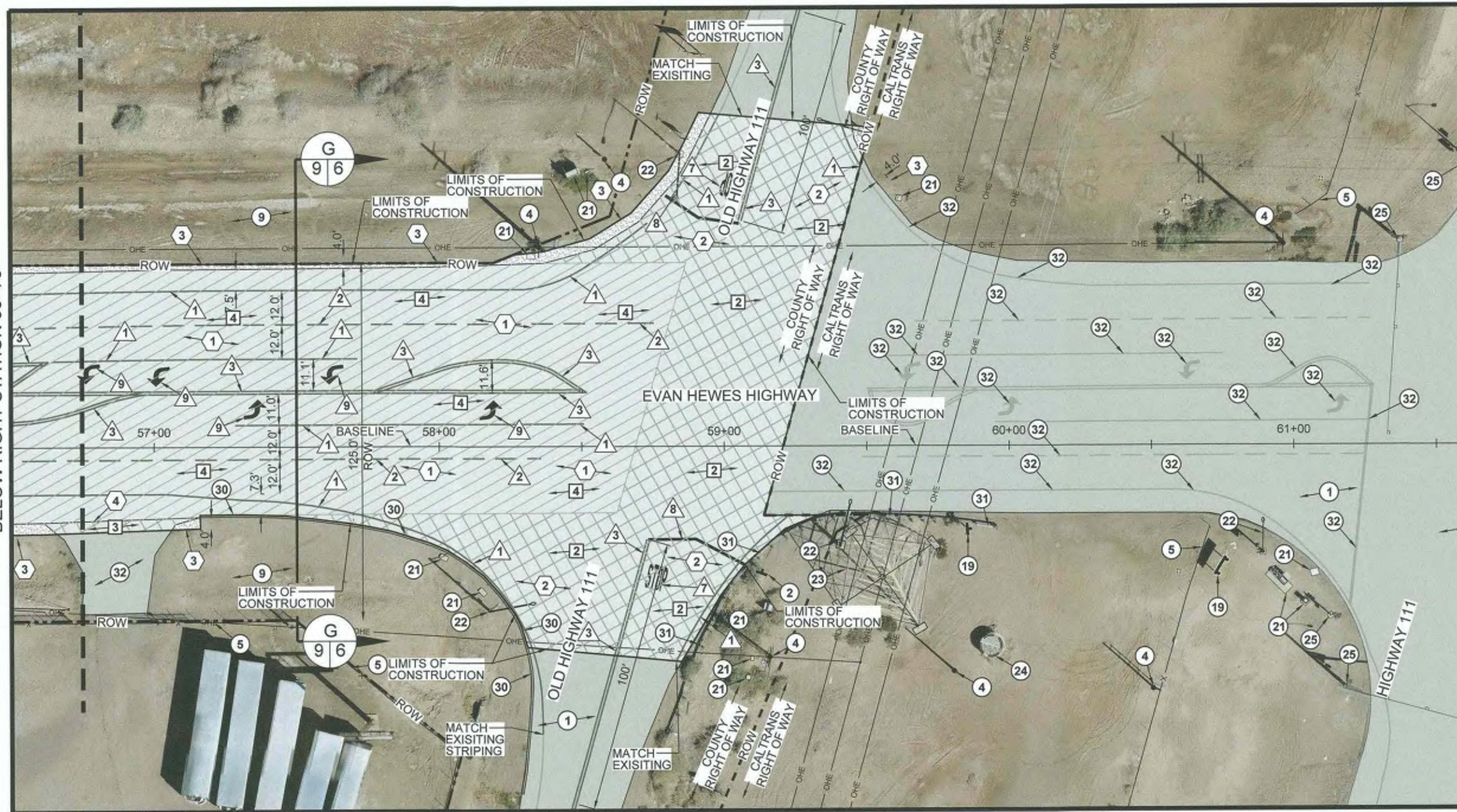


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PROJECT TITLE
EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(12B); COUNTY PROJECT No. 7032

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 38+75 TO STA 56+75
 REFERENCE: 7032
 SHEET 5 OF 13

MATCHLINE SEE SHEET 5 BELOW RIGHT STATION 56+75



LEGEND

- CONTRACTOR SHALL GRIND 2-INCH OF EXISTING A.C. PAVEMENT. CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
- ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 10.
- CONTRACTOR SHALL VARIABLE GRIND (COLD PLANE) EXISTING A.C. PAVEMENT FROM 1-INCH TO 2-INCHES. CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE. AS ILLUSTRATED ON THE IMPROVEMENT PLANS. SEE SECTION AA-CG ON SHEET 9 TO 9.
- ASPHALT CONCRETE TO BE TRANSITIONAL GRIND (COLD PLANE) FROM A VARIABLE GRIND TO A 2-INCH GRIND AS ILLUSTRATED ON IMPROVEMENT PLANS.
- INSTALL 4-FOOT WIDE CLASS 2 SHOULDER OR AS ILLUSTRATED ON THE IMPROVEMENT PLANS.

EXISTING KEYNOTES

- 1 EXISTING AC PAVEMENT TO REMAIN.
- 2 EXISTING STOP SIGN TO REMAIN.
- 3 EXISTING COMMUNICATION ENCLOSURE TO REMAIN.
- 4 EXISTING POWER POLE TO REMAIN.
- 5 EXISTING FENCE TO REMAIN.
- 6 EXISTING MAILBOX TO REMAIN.
- 7 EXISTING TRASH CONTAINER TO REMAIN.
- 8 EXISTING NATIVE DRIVEWAY TO REMAIN.
- 9 EXISTING SWALE TO REMAIN.
- 10 EXISTING MAILBOX TO REMAIN.
- 11 EXISTING ADVERTISEMENT SIGN TO REMAIN.
- 12 EXISTING UNDERGROUND IID PIPELINE TO REMAIN.
- 13 EXISTING IID HEADWALL TO REMAIN.
- 14 EXISTING IID LATERAL TO REMAIN.
- 15 EXISTING BOLLARD TO REMAIN.
- 16 EXISTING WATER METER TO REMAIN.
- 17 EXISTING WATER VALVE RISERS TO REMAIN.
- 18 EXISTING COUNTY LIMIT SIGN TO REMAIN.
- 19 EXISTING ROAD REGULATORY SIGN TO REMAIN.
- 20 EXISTING GAS VALVE RISERS TO REMAIN.
- 21 EXISTING ELECTRICAL ENCLOSURE FOR TRAFFIC SIGNAL TO REMAIN.

- 22 EXISTING STREET LIGHT TO REMAIN.
- 23 EXISTING HIGH VOLTAGE ELECTRICAL TOWER TO REMAIN.
- 24 EXISTING STANDING PIPE TO REMAIN.
- 25 EXISTING SIGNAL LIGHT TO REMAIN.
- 26 EXISTING HIGH PRESSURE GAS PIPELINE SIGN TO REMAIN.
- 27 EXISTING HIGH PRESSURE GAS PIPELINE TO REMAIN.
- 28 EXISTING STREET NAME SIGN TO REMAIN.
- 29 EXISTING CITY OF EL CENTRO ORDINANCE SIGN TO REMAIN.
- 30 EXISTING AC DIKE TO REMAIN.
- 31 EXISTING GUARD RAIL TO REMAIN.
- 32 EXISTING STRIPING TO REMAIN.
- 33 EXISTING A.C. PAVEMENT DRIVEWAY TO REMAIN.

DEMOLITION KEYNOTES

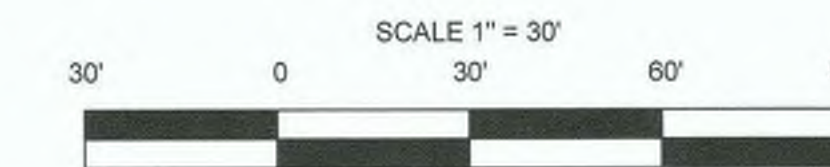
- 1 CONTRACTOR SHALL VARIABLE GRIND (COLD PLANE) THE EXISTING A.C. PAVEMENT FROM 1-INCH TO 2-INCHES IN DEPTH. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. SEE SECTION A-A TO H-H ON SHEET 7 AND SHEET 8.
- 2 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING A.C. PAVEMENT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 10.
- 3 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING DRIVEWAY A.C. PAVEMENT TO TRANSITION DRIVEWAY ENTRANCE AS ILLUSTRATED ON IMPROVEMENT PLANS OR AS DIRECTED BY THE ENGINEER. SEE DETAIL B ON SHEET 10.
- 4 CONTRACTOR SHALL GRIND (COLD PLANE) THE EXISTING A.C. PAVEMENT FOR A MAXIMUM 2-INCH IN DEPTH. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. SEE SECTION A-A THROUGH G-G ON SHEET 7 TO SHEET 9.
- 5 CONTRACTOR SHALL TRANSITIONAL GRIND (COLD PLANE) THE EXISTING A.C. PAVEMENT FROM THE VARIABLE GRIND OPERATION TO A FULL 2-INCH GRIND. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. AS ILLUSTRATED ON THE IMPROVEMENT PLANS.

CONSTRUCTION KEYNOTES

- 1 CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. PRIOR TO THE 1-INCH LEVELING COURSE THE CONTRACTOR SHALL BACKFILL POTHOLES WITH MINIMUM 1'X1' AREA TO A MAXIMUM 3'X3' AREA WITH NO UNDERLYING STRUCTURAL SECTION AS APPROVED BY THE RESIDENT ENGINEER. POTHOLES SHALL BE BACKFILLED WITH 1/2-INCH HOT MIX AC PAVEMENT. SEE SECTION A-A THROUGH G-G ON SHEET 7 TO SHEET 8.
- 2 CONTRACTOR TO INSTALL A.C. PAVEMENT AT "HEADER CUT" JOINT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 10.
- 3 CONTRACTOR TO PLACE CLASS 2 BASE MATERIAL FLUSH WITH NEW A.C. PAVEMENT FOR A HORIZONTAL DISTANCE OF 4-FOOT OR AS ILLUSTRATED ON IMPROVEMENT PLANS BY THE HATCH AREA TO DAYLIGHT. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. APPLY LIGHT MIST OF WATER TO THE CLASS 2 SURFACE AFTER FINAL GRADING IS SATISFACTORILY COMPLETED. A-A THROUGH G-G ON SHEET 7 TO SHEET 8.
- 4 CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT ON PAVED DRIVEWAY AS ILLUSTRATED ON IMPROVEMENTS PLANS. SEE DETAIL B ON SHEET 10.

STRIPING KEYNOTES

- 1 CONTRACTOR TO PAINT A 6-INCH SOLID WHITE EDGE LINE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B. SEE DETAIL C ON SHEET 10.
- 2 CONTRACTOR TO PAINT A 6-INCH DASH WHITE LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 11. SEE DETAIL D ON SHEET 10.
- 3 CONTRACTOR TO PAINT A 6-INCH SOLID DOUBLE YELLOW LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 21. SEE DETAIL D ON SHEET 10.
- 4 CONTRACTOR TO PAINT A 6-INCH DOUBLE YELLOW "NO PASSING ZONE" LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 18. SEE DETAIL D ON SHEET 10.
- 5 CONTRACTOR TO PAINT "SIGNAL" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
- 6 CONTRACTOR TO PAINT "AHEAD" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
- 7 CONTRACTOR TO PAINT "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL E ON SHEET 11.
- 8 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL F ON SHEET 11.
- 9 CONTRACTOR TO PAINT ARROW LEGEND PER CALTRANS STANDARD PLAN A24A, TYPE IV (L). SEE DETAIL G ON SHEET 11.



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Atondo V.
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 8/29/23
 DATE

61484
 R.C.E. No.
 06/30/25
 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:
John A. Gay
 JOHN A. GAY, P.E.
 DIRECTOR OF PUBLIC WORKS
 8/29/23
 DATE

62028
 R.C.E. No.
 09/30/23
 REG. EXP.



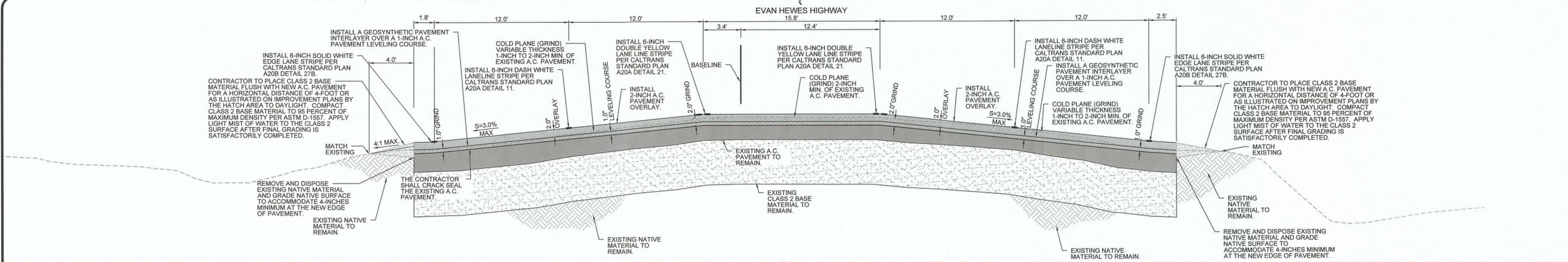
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 SCALE: 1" = 30'
 CHECKED: V.A./A.G.

PROJECT TITLE
EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(128); COUNTY PROJECT No. 7032

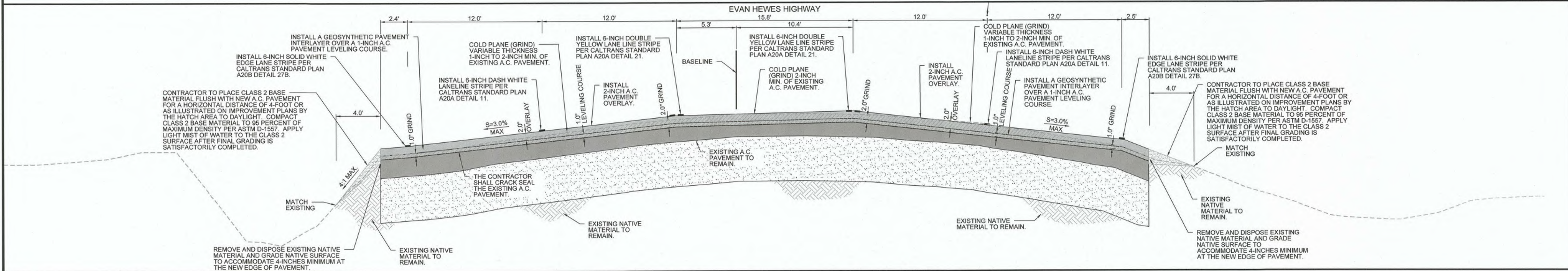
EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 56+75 TO END OF CONSTRUCTION

REFERENCE: **7032**

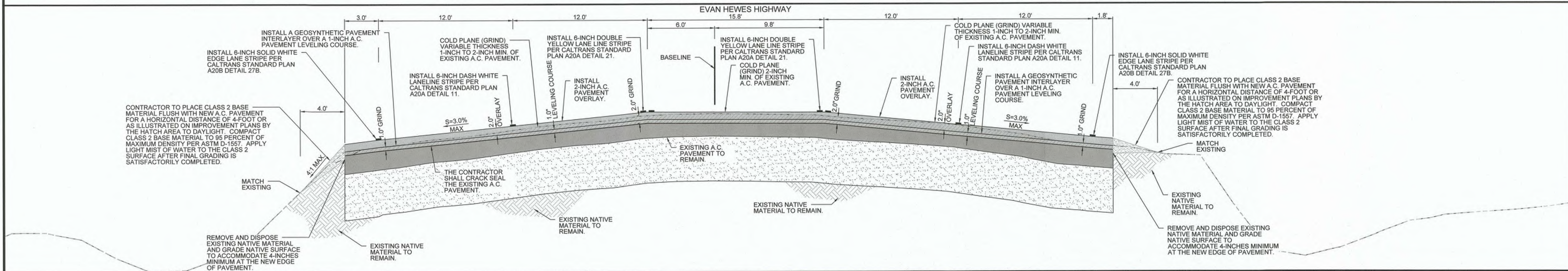
R-1012
 SHEET 6 OF 13



CROSS SECTION DETAIL AT STA 8+50
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'
 A-A
 3/7



CROSS SECTION DETAIL AT STA 17+00
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'
 B-B
 3/7



CROSS SECTION DETAIL AT STA 24+50
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'
 C-C
 4/7

REVISION	DATE	COMMENTS

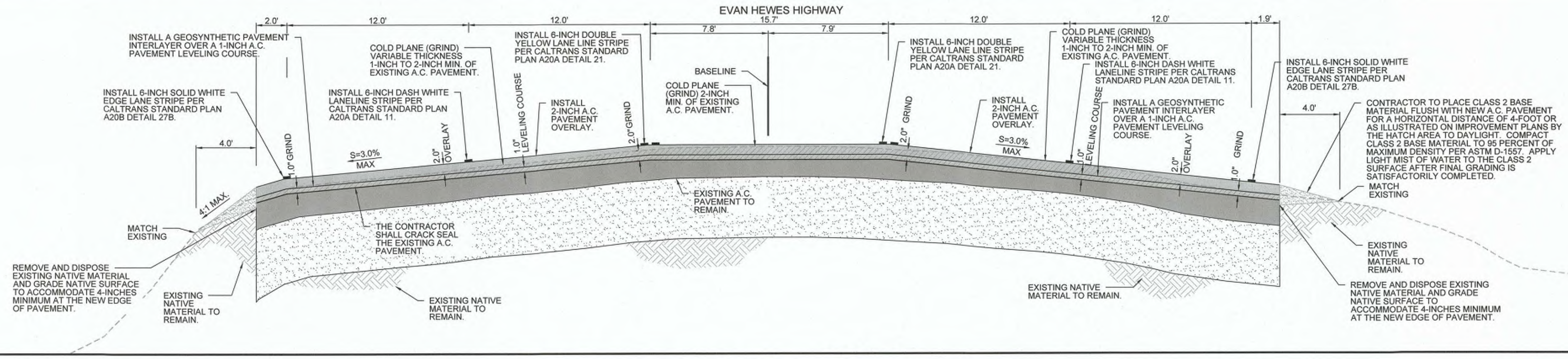
PREPARED UNDER THE DIRECT SUPERVISION OF:
Veronica Atondo, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 No. 61484
 Exp. 6-30-25
 CIVIL
 STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:
John Gay, P.E.
 DIRECTOR OF PUBLIC WORKS
 No. 62028
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

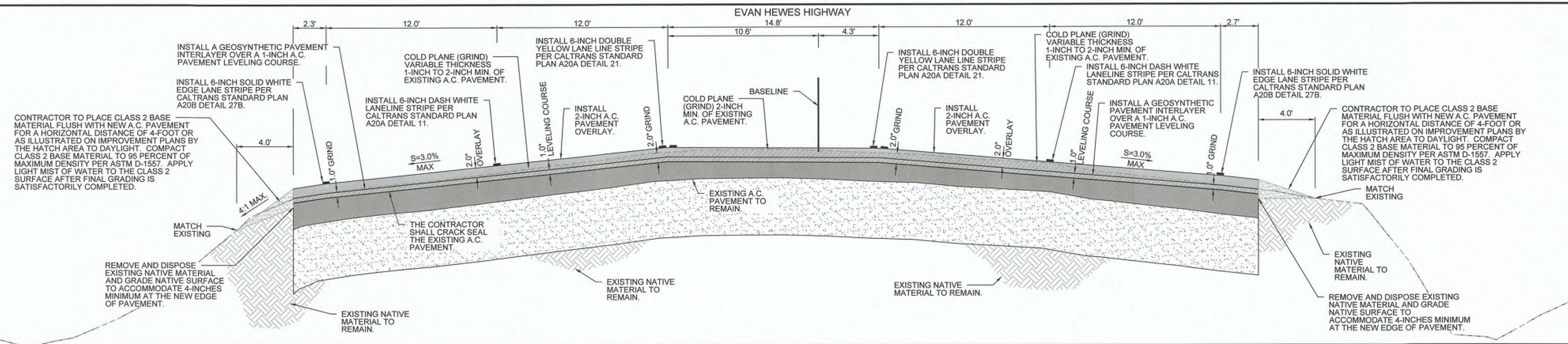
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 DRAWN: AG
 SCALE: NTS
 CHECKED: V.A.J.G.

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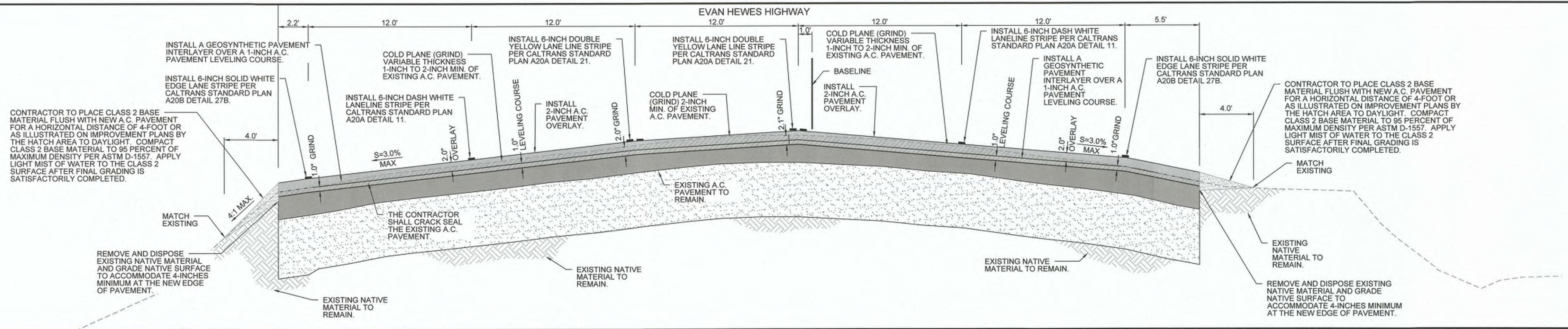
CROSS SECTION
 REFERENCE: 7032
 SHEET 7 OF 13
 R-1012



CROSS SECTION DETAIL AT STA 35+50
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'
 D-D
 4/8



CROSS SECTION DETAIL AT STA 42+50
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'
 E-E
 5/8



CROSS SECTION DETAIL AT STA 50+50
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'
 F-F
 5/8

REVISION	DATE	COMMENTS



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Atondo V.
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 8/29/23
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John A. Gay
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 DIRECTOR OF PUBLIC WORKS
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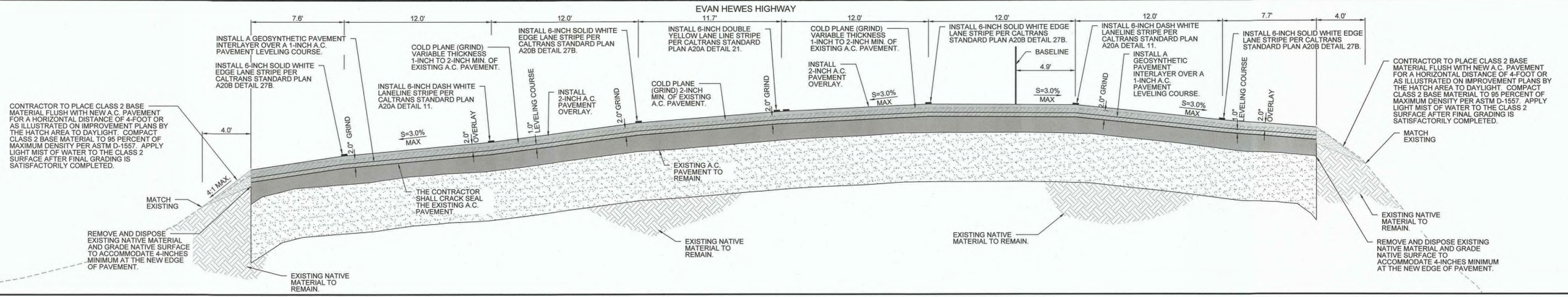
62028
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DATE: 08/29/2023
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CROSS SECTION
 REFERENCE: 7032
 SHEET 8 OF 13
 R-1012



CROSS SECTION DETAIL AT STA 57+50
 HORIZONTAL SCALE 1"=4'
 VERTICAL SCALE 1"=1'



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Veronica V. Atonido
 VERONICA ATONIDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
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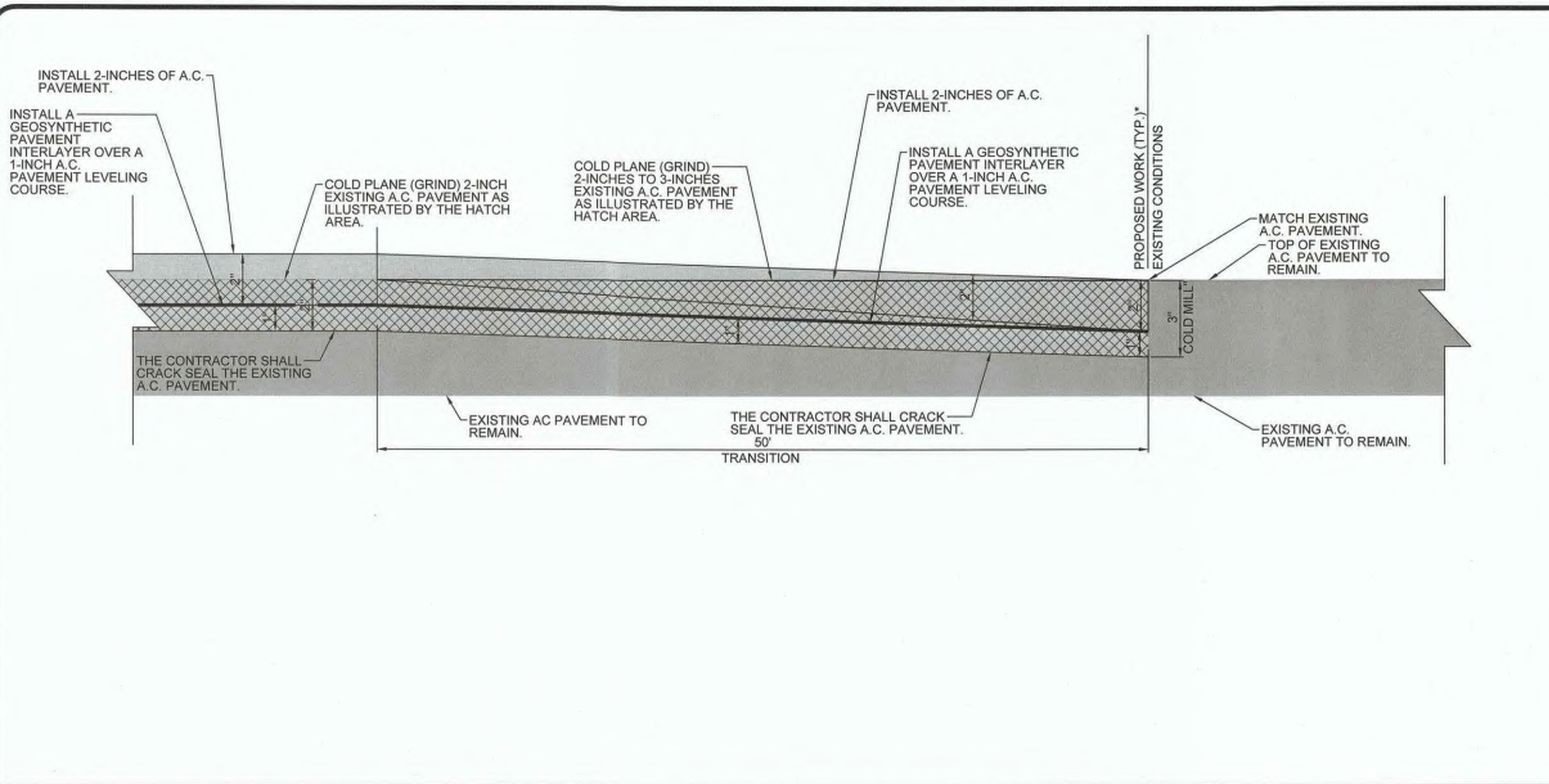
62028
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PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
 EL CENTRO, CALIFORNIA

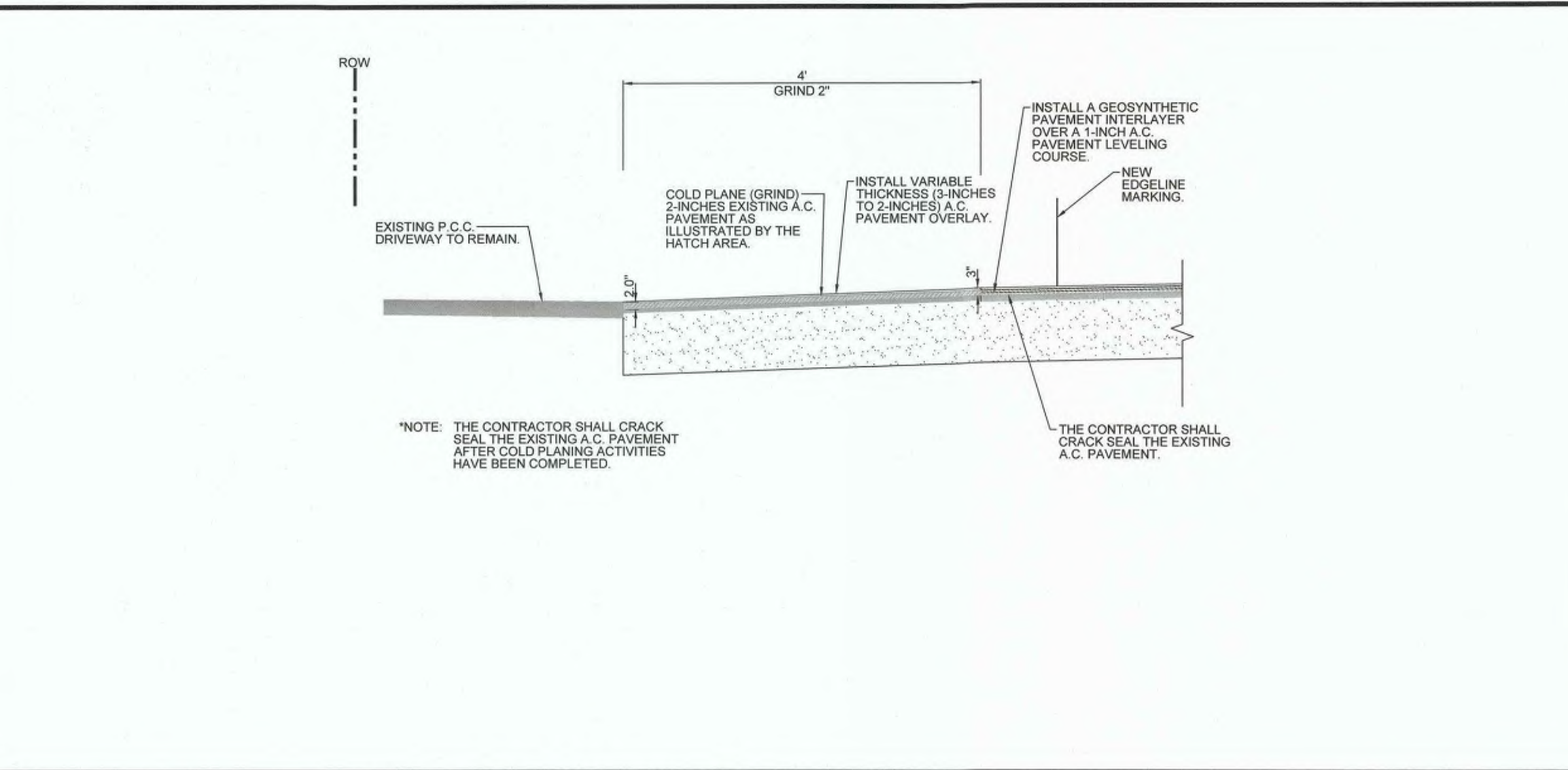
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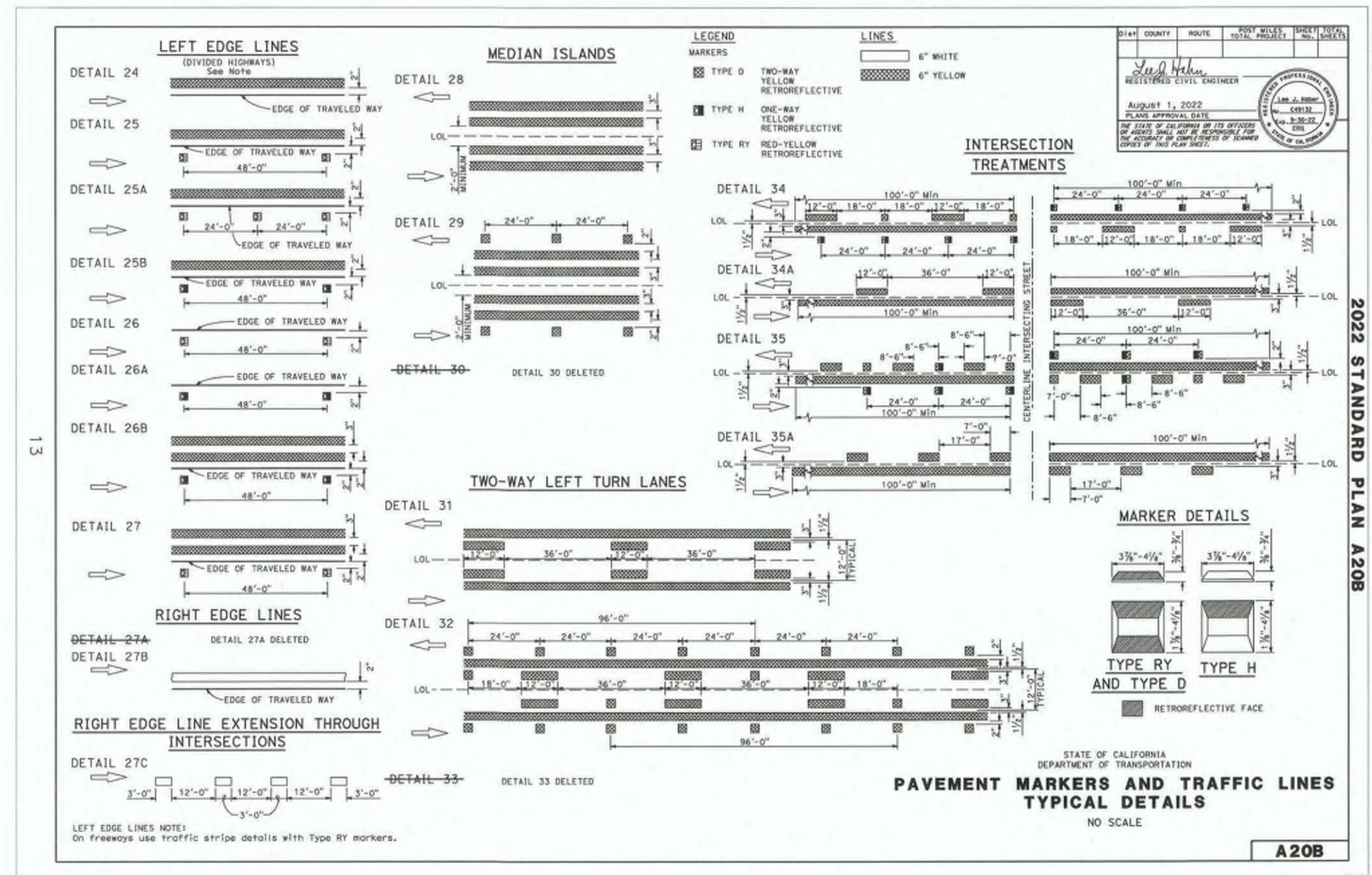
CROSS SECTION	
REFERENCE 7032	R-1012
SHEET 9	OF 13



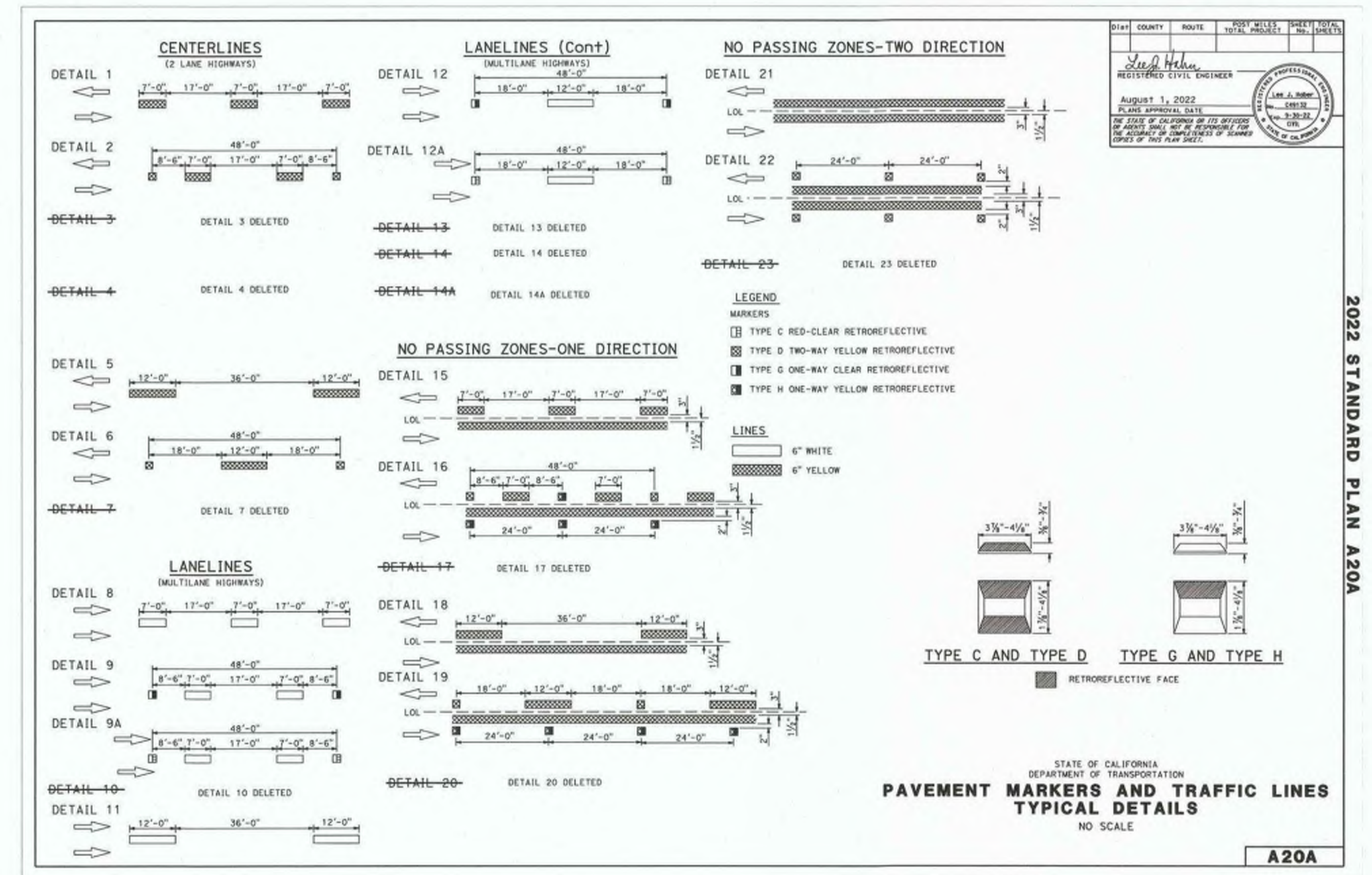
NEW PAVEMENT OVERLAY TO EXISTING PAVEMENT TRANSITION AREA DETAIL
NTS A
3,4,6/10



AC DRIVEWAY COLD PLANE (GRIND) TRANSITION DETAIL
NTS B
5,6/10



CALTRANS STANDARD PLAN A20B
NTS C
3-6/10



CALTRANS STANDARD PLAN A20A
NTS D
3-6/10

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Atondo V.
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 DATE: 8/29/23
 No. 61484
 R.C.E. No. 62028
 REG. EXP. 09/30/25



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
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John A. Gay
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 DIRECTOR OF PUBLIC WORKS
 DATE: 8/29/23
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DATE: 08/29/2023
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DETAIL SHEET
 REFERENCE: 7032
 SHEET OF: 10 13
 R-1012

S:\PROGRAMS\ENGINEERING\PROJECTS\7032 EVAN HEWES HWY FROM COOLEY TO HWY 111\DESIGN\CAD\7032_SHEET 10-11_DETAILS.DWG
 PLOT DATE: 8/29/23

2022 STANDARD PLAN A24D

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS WORDS
NO SCALE

ITEM	ft ²	ITEM	ft ²	ITEM	ft ²	ITEM	ft ²
XING	21	YIELD	24	BIKE	5	YIELD	18
AHEAD	31	SCHOOL	35	SLOW	23	COMPACT	19
WAIT	19	SIGNAL	32	STOP	22	SUBWAY	43
LANE	6	TURN	24	LEFT	19	VEHICLES	42
RIGHT	26	HERE	26				

NOTES:
1. If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
2. The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.

2022 STANDARD PLAN A24G

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS YIELD LINES, LIMIT LINES, AND WRONG WAY DETAILS
NO SCALE

LEGEND:
MARKERS: TYPE R ONE-WAY RED RETROREFLECTIVE

MARKER DETAILS:
TYPE R
RETROREFLECTIVE FACE ON BACKSIDE

NOTE:
1. If there is crosswalk at the end of the exit ramp, place Type R markers in front of the first line for wrong way vehicle that travels up the ramp with the red reflective side facing the intersection.

CALTRANS STANDARD PLAN A24D
NTS
E
4-6/11

CALTRANS STANDARD PLAN A24G
NTS
F
4,6/11

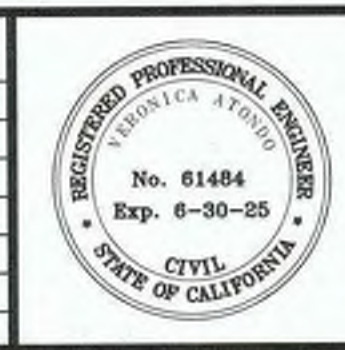
2022 STANDARD PLAN A24A

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS ARROWS
NO SCALE

NOTE:
Minor variations in dimensions may be accepted by the Engineer.

CALTRANS STANDARD PLAN A24A
NTS
G
3-6/11

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Veronica Atondo, P.E.
DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
DATE: 8/29/23

61484 R.C.E. No.
06/30/25 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay
JOHN A. GAY, P.E.
DIRECTOR OF PUBLIC WORKS
DATE: 8/29/23

62028 R.C.E. No.
09/30/23 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

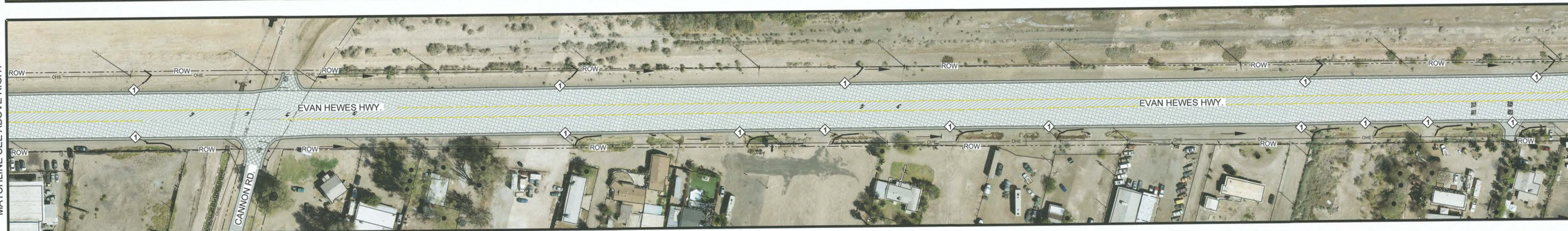
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PROJECT TITLE
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DETAIL SHEET	
REFERENCE	R-1012
7032	SHEET OF 11 13

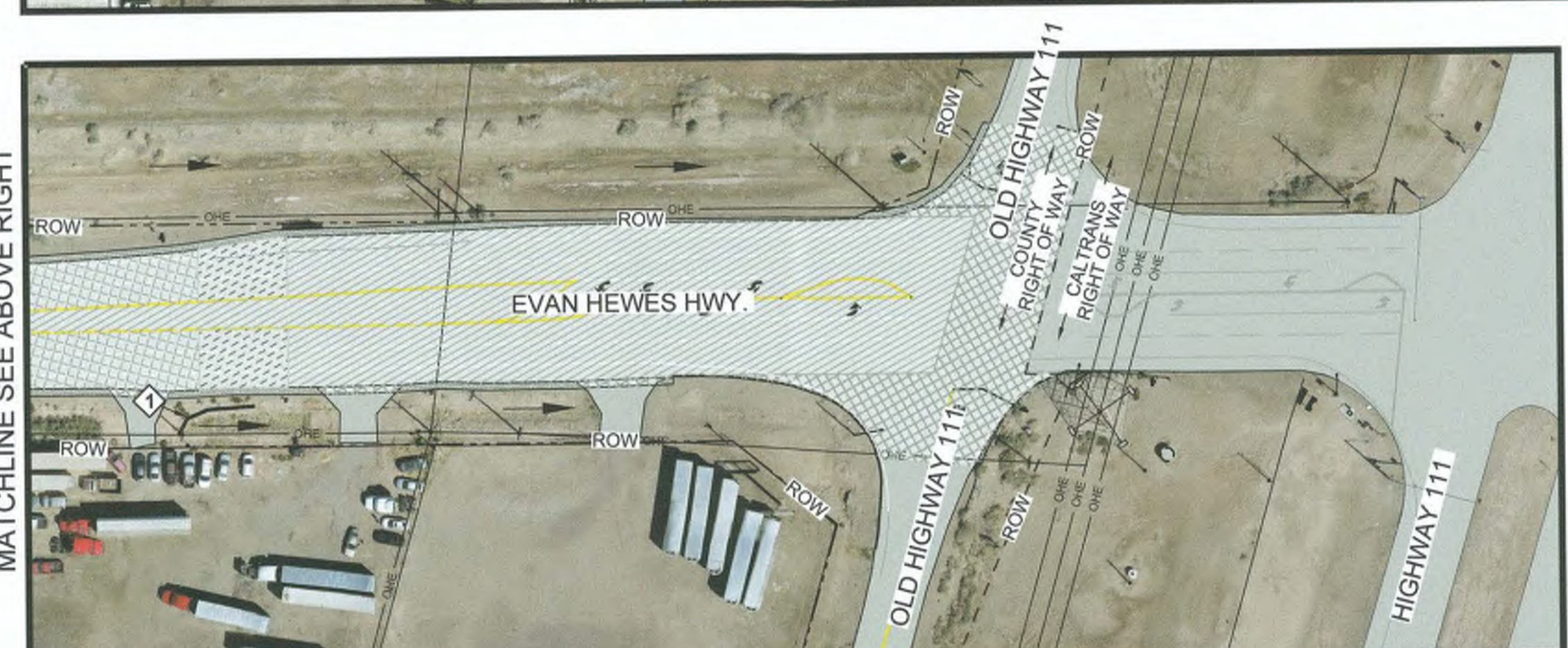


MATCHLINE SEE BELOW LEFT



MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE BELOW LEFT



MATCHLINE SEE ABOVE RIGHT

EVAN HEWES HIGHWAY - PLAN VIEW

STORM WATER POLLUTION PREVENTION NOTES:

1. THE CONTRACTOR SHALL USE A QUALIFIED PERSON WHO HAS BEEN PROPERLY TRAINED TO CONDUCT INSPECTIONS AND PREPARE REPORTS OF THE CONSTRUCTION SITE WITH RESPECT TO THE COUNTY'S MUNICIPAL CODE/ORDINANCES AND THE EROSION CONTROL PLAN. THE QUALIFIED PERSON SHALL HAVE KNOWLEDGE AND TRAINING OF THE INTENT AND ENFORCEMENT OF EROSION CONTROL PLANS AND BMPs.
2. THE QUALIFIED PERSON SHALL CONDUCT REGULAR INSPECTIONS OF PROJECT SITE IN ACCORDANCE WITH THE RECOMMENDATIONS OUTLINED IN THE EROSION CONTROL PLAN. EACH INSPECTION SHALL BE DOCUMENTED IN THE FORM OF WRITTEN REPORTS SERRATED ON-SITE. ALL REPORTS SHALL BE PROVIDED TO THE COUNTY INSPECTOR AND ALSO BE MADE AVAILABLE TO THE RWQCB REPRESENTATIVES UPON REQUEST.
3. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIAL AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER AND SEWER UTILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.

EROSION CONTROL NOTES:

1. NO SITE CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
2. CONTRACTOR SHALL PROVIDE PORTABLE RESTROOM FACILITIES TO A LOCATION APPROVED BY THE RESIDENT ENGINEER.
3. TEMPORARY EROSION CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS SHALL BE PERFORMED BY THE CONTRACTOR AS INDICATED BELOW.
4. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OF SILT AND MUD ON ADJACENT STREETS DUE TO CONSTRUCTION ACTIVITY TO PREVENT SILT AND MUD FROM LEAVING THE CONSTRUCTION AREA.
5. THE CONTRACTOR SHALL CHECK AND PROTECT LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
6. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON-SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN THE RAIN IS IMMINENT.
7. DEVICES SHOWN ON THESE PLANS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE RESIDENT ENGINEER.
8. THE CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE COUNTY ENGINEER AFTER EACH RAINFALL PRODUCING RUN-OFF.
9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE COUNTY ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUND WATER CREATES A HAZARDOUS CONDITION.
11. ALL EROSION CONTROL MEASURES PROVIDED PER THE APPROVED GRADING AND STREET PLAN SHALL BE INCORPORATED HERON.
12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.

SILTATION AND SEDIMENT CONTROL MEASURES NOTES:

1. PROVIDE FILTER ROLLS OR TRAP BY EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING DRAIN SYSTEM.
2. FILTER ROLLS AND FILL MATERIAL SHALL BE STOCKPILED AT INTERVALS, READY FOR USE WHEN REQUIRED.
3. ALL EROSION CONTROL DEVICES WITHIN THE PROJECT SCOPE SHOULD BE MAINTAINED DURING AND AFTER EVERY RUNOFF-PRODUCING STORM. CONTRACTOR SHALL MAKE SAFE ACCESS TO ALL AREAS AVAILABLE FOR MAINTENANCE CREWS.
4. ANY PROPOSED ALTERNATE CONTROL MEASURES MUST BE APPROVED IN ADVANCE BY THE COUNTY ENGINEER.

EROSION CONTROL KEYNOTES

- ◆ INSTALL FIBER ROLLS PER BMP DETAIL SC-5. SEE DETAIL Q AND P ON SHEET 13.
- ◆ INSTALL GRAVEL BAGS PER DETAIL Q ON SHEET 13. THE GRAVEL BAGS SHALL BE INSTALLED AT AS DIRECTED BY THE ENGINEER.
- ◆ CONTRACTOR SHALL SWEEP STREET PER SC-7.

STAGING AREA WILL USE THE FOLLOWING BMPs PER LATEST REVISION OF CASQA STORMWATER BMP HANDBOOK. LOCATION OF STAGING AREA TO APPROVED BY THE RESIDENT ENGINEER.

- WE-1 - WIND EROSION CONTROL
- TC-1 & TC-3 - STABILIZED CONSTRUCTION ENTRANCE / EXIT WITH TIRE WASH
- WM-5 - SOLID WASTE MANAGEMENT
- WM-6 - HAZARDOUS WASTE MANAGEMENT
- WM-8 - CONCRETE WASTE MANAGEMENT
- WM-9 - SANITARY / SEPTIC WASTE MANAGEMENT



TEMPORARY CONSTRUCTION SITE BMPs

BMP NO.	ITEM	NOTES/ COMMENT
-	CONSTRUCTION SITE AND BMP MANAGEMENT	SITE MANAGEMENT INCLUDES, BUT IS NOT LIMITED TO TC-1, TC-3, WM-5, WM-6, NS-3, NS-12, WM-8 AND WM-9. REFER TO LATEST VERSION OF CASQA STORMWATER BMP HANDBOOK.
-	STREET SWEEPING	STREET SWEEPING SHALL BE PERFORMED DAILY AS NECESSARY TO ENSURE TRAVELED WAYS ARE FREE OF DIRT.
-	TEMPORARY RESTROOM FACILITIES	THE RESTROOM FACILITIES SHALL BE SECURED FROM OVERTURNING IN HIGH WIND CONDITIONS
WE-1	WIND EROSION CONTROL	MAINTAIN DUST CONTROL THROUGHOUT THE ENTIRE SITE FOR THE DURATION OF THE PROJECT. WATER TRUCKS, OR EQUIVALENT BMP, SHALL BE USED FOR DUST SUPPRESSION.

LEGEND

- 1 PORTABLE TOILET
- 2 SAND BAGS
- 3 CONCRETE WASHOUT AREA
- 4 FIBER ROLLS
- 5 DRAINAGE FLOW DIRECTION

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Atondo V.
 VERONICA ATONDO, P.E.
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING
 8/29/23
 DATE

61484
 R.C.E. No.
 06/30/25
 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:
John A. Gay
 JOHN A. GAY, P.E.
 DIRECTOR OF PUBLIC WORKS
 8/29/23
 DATE

62028
 R.C.E. No.
 09/30/23
 REG. EXP.



DATE: 08/29/2023
 DRAWN: AG
 SCALE: NTS
 CHECKED: V.A./A.G.

PROJECT TITLE
EVAN HEWES HIGHWAY REHABILITATION FROM EASTERN CITY OF EL CENTRO LIMITS TO HIGHWAY 111; STATE AID PROJECT NO. CRASL-5958(128); COUNTY PROJECT No. 7032

EROSION CONTROL PLAN

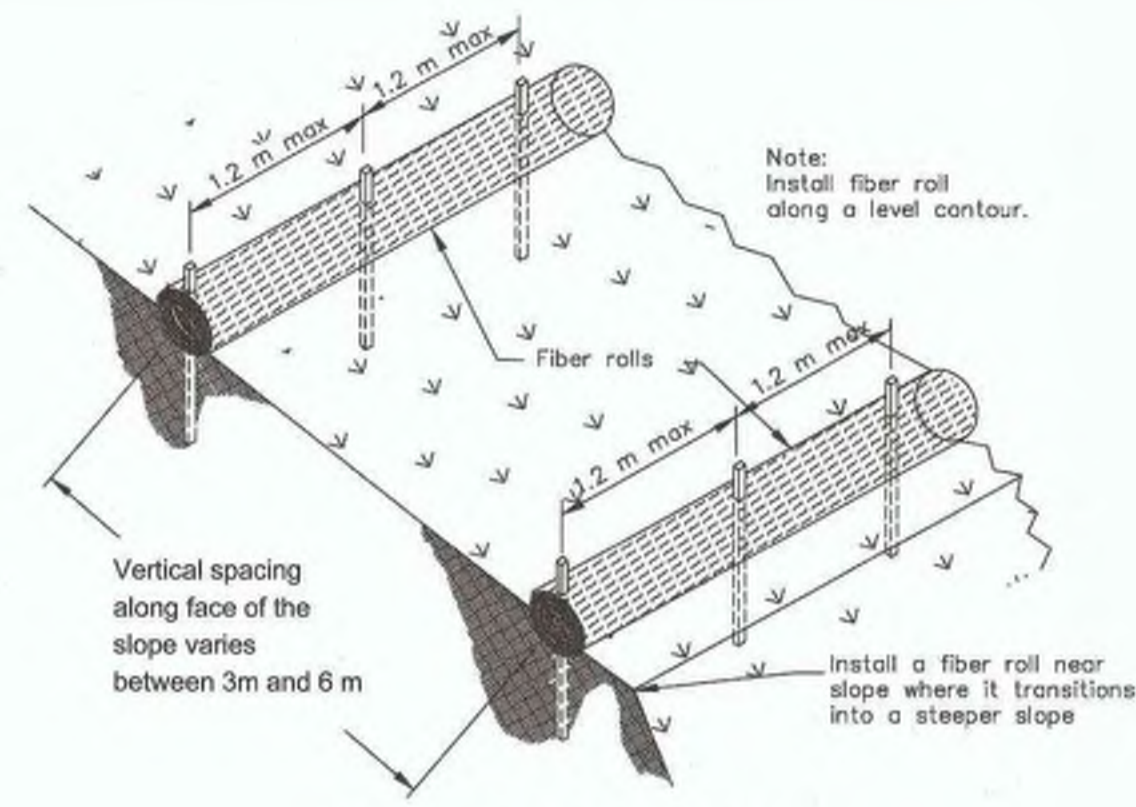
REFERENCE: **7032**

R-1012

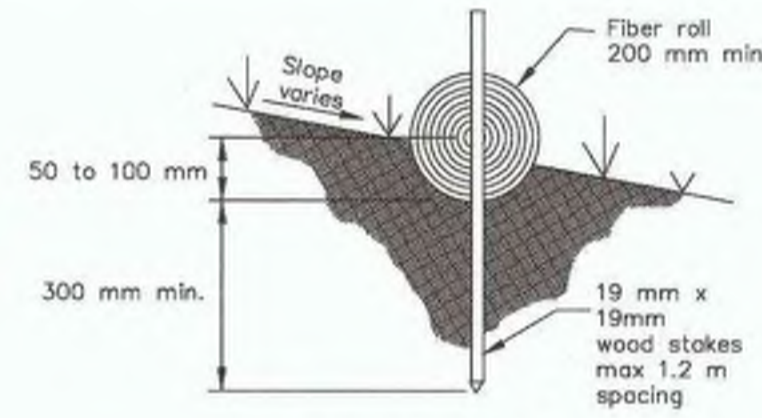
SHEET 12 OF 13

Fiber Rolls

SC-5



TYPICAL FIBER ROLL INSTALLATION
N.T.S.



ENTRENCHMENT DETAIL
N.T.S.

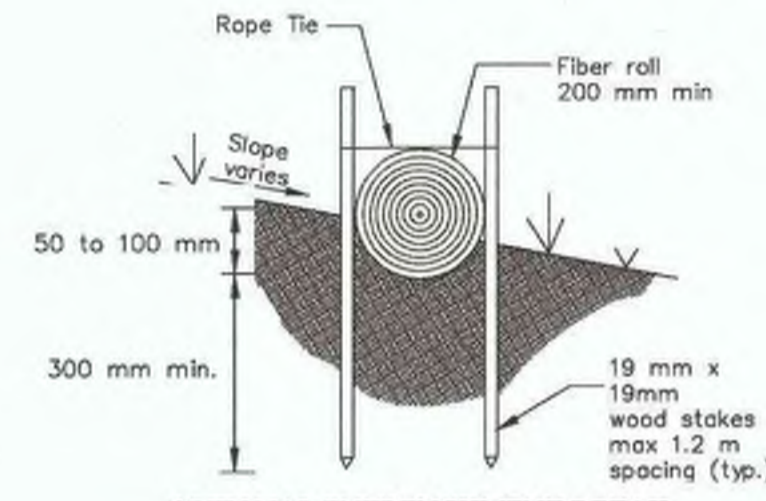
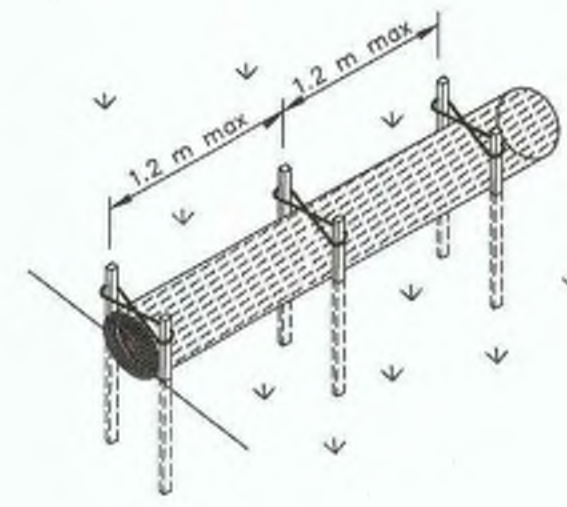
FIBER ROLL DETAIL

BMP SC-5
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12 13

Fiber Rolls

SC-5

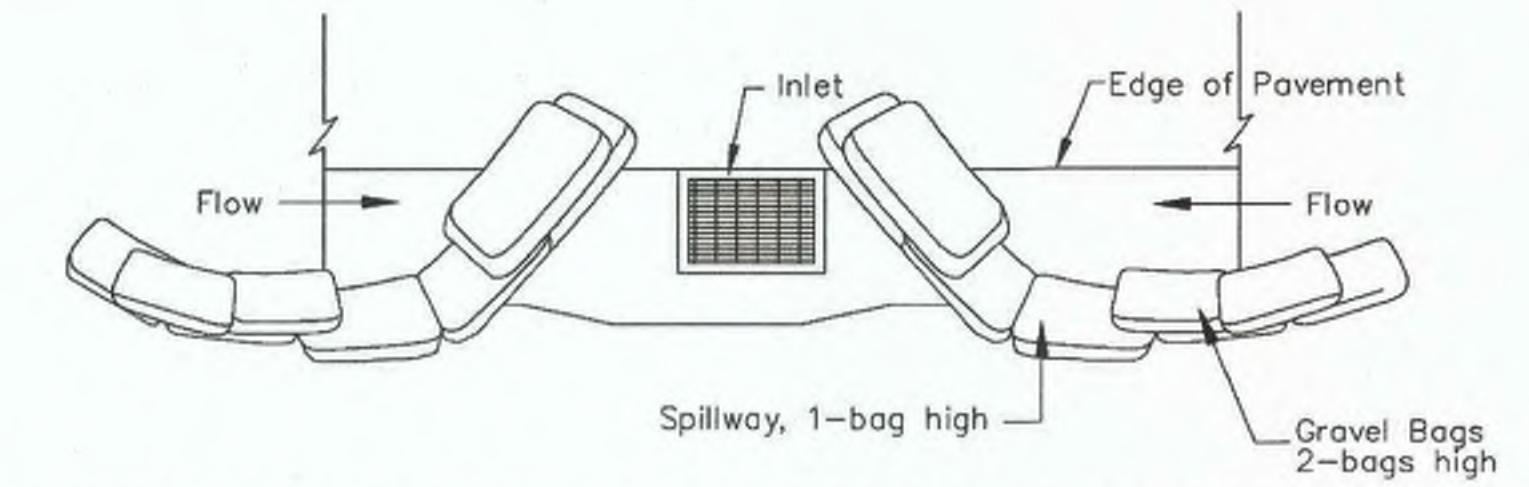


OPTIONAL ENTRENCHMENT DETAIL
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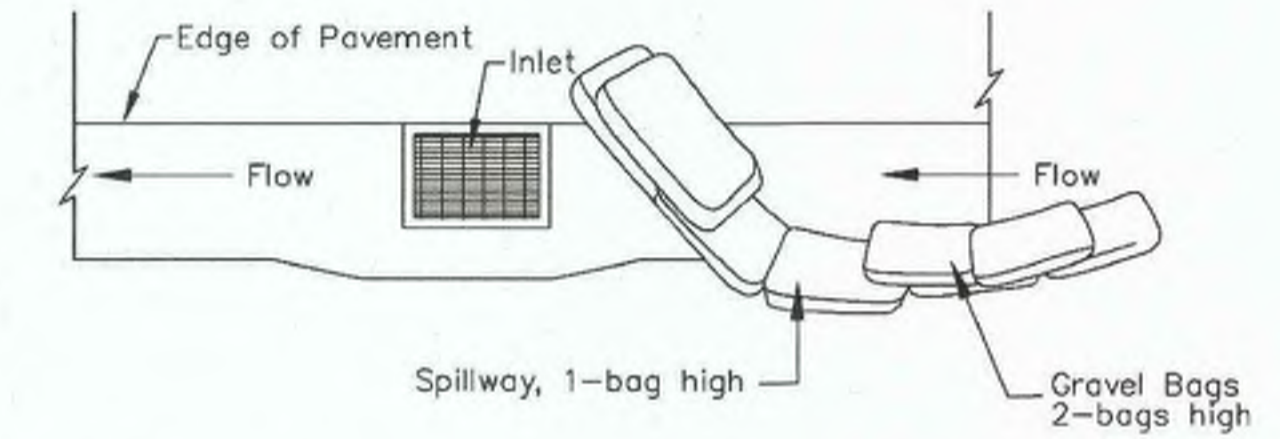
FIBER ROLL DETAIL

BMP SC-5
NTS

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12 13



TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS



TYPICAL PROTECTION FOR INLET WITH SINGLE FLOW DIRECTION

- NOTES:
1. Intended for short-term use.
 2. Use to inhibit non-storm water flow.
 3. Allow for proper maintenance and cleanup.
 4. Bags must be removed after adjacent operation is completed
 5. Not applicable in areas with high silts and clays without filter fabric.

SAND BAG DETAIL

BMP SC-10
NTS

Q
12 13

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:

Veronica Atondo
VERONICA ATONDO, P.E.
DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING

8/29/23
DATE

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:

John A. Gay
JOHN A. GAY, P.E.
DIRECTOR OF PUBLIC WORKS

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EROSION CONTROL DETAILS

REFERENCE: 7032

R-1012

SHEET 13 OF 13