

**THE PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS ON  
CROW CANYON ROAD  
AT VARIOUS LOCATIONS  
ALAMEDA COUNTY AND CITY OF SAN RAMON, CALIFORNIA  
SPECIFICATION NO. 2429**

This addendum is issued by the County of Alameda, Public Works Agency, Construction and Development Services Department, 399 Elmhurst Street, Hayward, CA 94544.

TO ALL PROSPECTIVE BIDDERS for the above project, notice is hereby given that the following changes, modifications, corrections, clarifications, and additions as hereinafter set forth shall apply to the plans and specifications described herein and shall be made part thereof and subject to all requirements as if originally specified or drawn.

**Receipt of this Addendum No. 2 must be acknowledged on the form in the bid proposal in writing.**

**GENERAL**

- A. The latest responses to Bidders' inquiries are attached (**Attachment 1**) and also can be viewed at the following Public Works' website:

<https://www.acpwa.org/business/add-bidder-info.page>

This document will be continuously updated. It is the contractor's responsibility to check for updates.

- B. Supplemental Information (**Attachment 2**): Boring Data (AC & AB)
- C. Supplemental Information (**Attachment 3**): HMA Conform

**CHANGES TO THE BID BOOK**

1. Replace Bid Book page BB-14 with the attached Bid Book page BB-14 (Addendum 2).

**CHANGES TO THE SPECIAL PROVISIONS**

1. Replace Project Specification page 152 with attached Project Specification page 152 (Addendum 2)

**CHANGES TO THE PROJECT PLANS**

1. Replace Plan Sheet 4 with the attached Plan Sheet 4 (Revision 1)

END OF ADDENDUM NO. 2  
OFFICE OF THE COUNTY ENGINEER

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
137*	<a href="#">§12-3.04</a> 120182	Portable Delineator (Alameda County)	800	EA		

\*Contingent item under section 2-1.09B

**Total Bid:** \_\_\_\_\_ **Dollars** \_\_\_\_\_  
(in words)

The prices bid include all State, Federal, and other taxes applicable to the project.

The prices bid include furnishing the resources and activities required to complete the work. Payment is full compensation for furnishing the resources and activities as described under section [9-1.03](#).

Links to section numbers are provided for convenience only. Specifications found under the referenced sections are not the only specification that apply to the Bid Item as described under section [1-1.01](#).

Most bid Item codes (without the hyphenated suffix) and descriptions are similar to, but not necessarily the same as, Caltrans Standard Bid Item codes and descriptions. This information when queried at the following webpage may be useful for estimating costs: <http://sv08data.dot.ca.gov/contractcost>

\*Contingent item under section 2-1.09B

**12 TEMPORARY TRAFFIC CONTROL****12-1 GENERAL****12-1.01 GENERAL**

Section 12-1 includes general specifications for providing temporary traffic control.

Temporary traffic control, including flagging, **pilot cars**, apparel, temporary traffic control **and safety** devices, and equipment for flaggers, must comply with the **most current** *California MUTCD*, Part 6, "Temporary Traffic Control."

**Ensure compliance with section 7-1.04, "Public Safety."**

**12-1.02 MATERIALS**

Not Used

**12-1.03 CONSTRUCTION**

Assign flaggers **and provide and maintain fences, barriers, signs, guardrails, red lights and other safety devices** to:

1. Control traffic
2. Warn the public of any dangerous conditions resulting from the work activities
3. Provide for the passage of traffic through the work as specified for the passage of traffic for public convenience and public safety

Maintain flagging apparel, traffic control devices, and equipment for flaggers in good repair.

**12-1.04 PAYMENT**

Not Used

**12-2 RESERVED****12-3 TEMPORARY TRAFFIC CONTROL DEVICES****12-3.01 GENERAL****12-3.01A General****12-3.01A(1) Summary**

Section 12-3.01 includes general specifications for providing temporary traffic control devices.

Providing temporary traffic control devices includes installing, placing, maintaining, repairing, replacing, and removing temporary traffic control devices.

Do not use different types of channelizing devices on the same alignment. The types include plastic drums, portable delineators, channelizers, tubular markers, traffic cones, and Type I and Type II barricades.

**12-3.01A(2) Definitions**

**Category 1 temporary traffic control devices:** Small devices weighing less than 100 lb certified as crashworthy by crash testing or crash testing of similar devices. Category 1 temporary traffic control devices include traffic cones, plastic traffic drums, portable delineators, and channelizers.

**Category 2 temporary traffic control devices:** Small devices weighing less than 100 lb that are not expected to produce significant changes in vehicular velocity but could cause harm to impacting vehicles. Category 2 temporary traffic control devices include barricades and portable sign supports.

**Category 3 temporary traffic control devices:** Devices weighing 100 lb or more that are expected to produce significant changes in the vehicular velocity of impacting vehicles. These devices include crash cushions, impact attenuator vehicles, temporary barriers, and end treatments for barriers.

**orange:** Orange, red-orange, fluorescent orange, or fluorescent red-orange.

**useable shoulder area:** Any longitudinal paved or unpaved contiguous surface adjacent to the traveled way with:

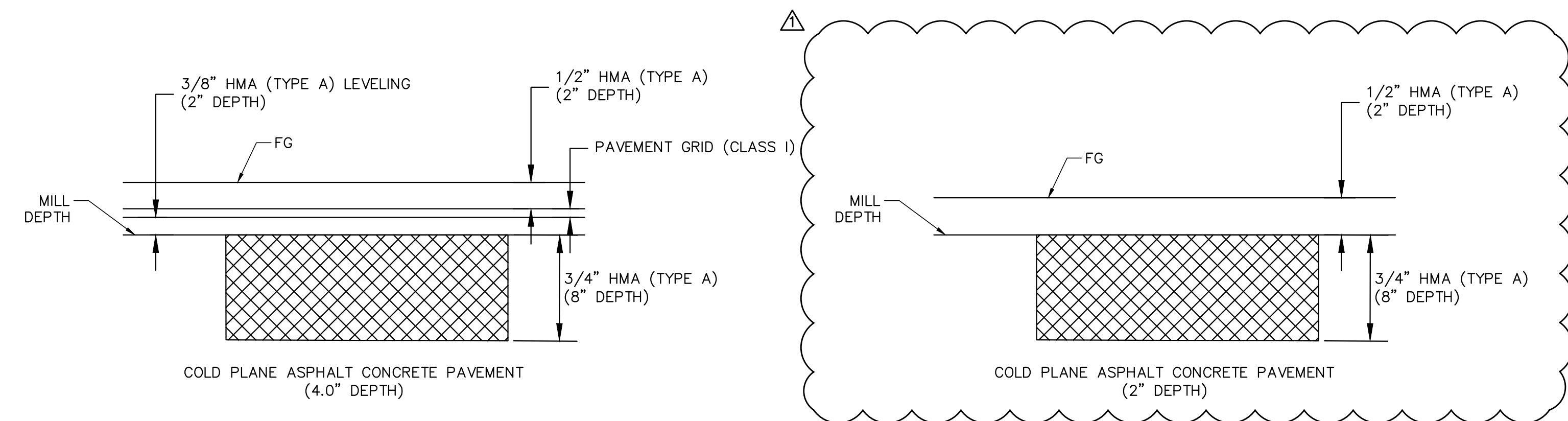
Crow Canyon Rd Pavement Rehabilitation & Safety Improvements  
Spec 2429 • Std18f • 2023-05-25.docx

DATE:	
REVIEWED BY:	
DATE:	
REVIEWED BY:	
CONSTRUCTION	SURVEY
MAINTENANCE	TRAFFIC
REAL ESTATE	ENVIRONMENTAL

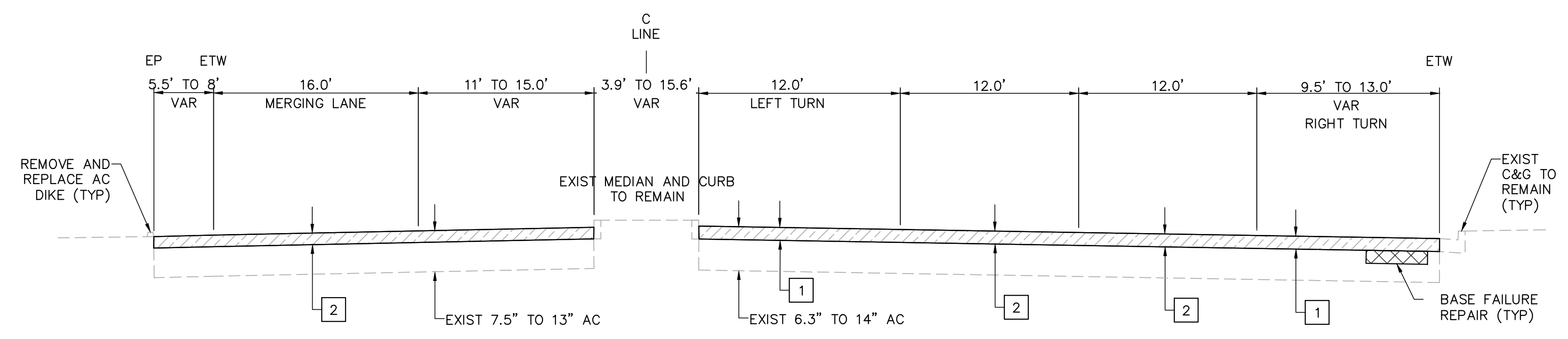
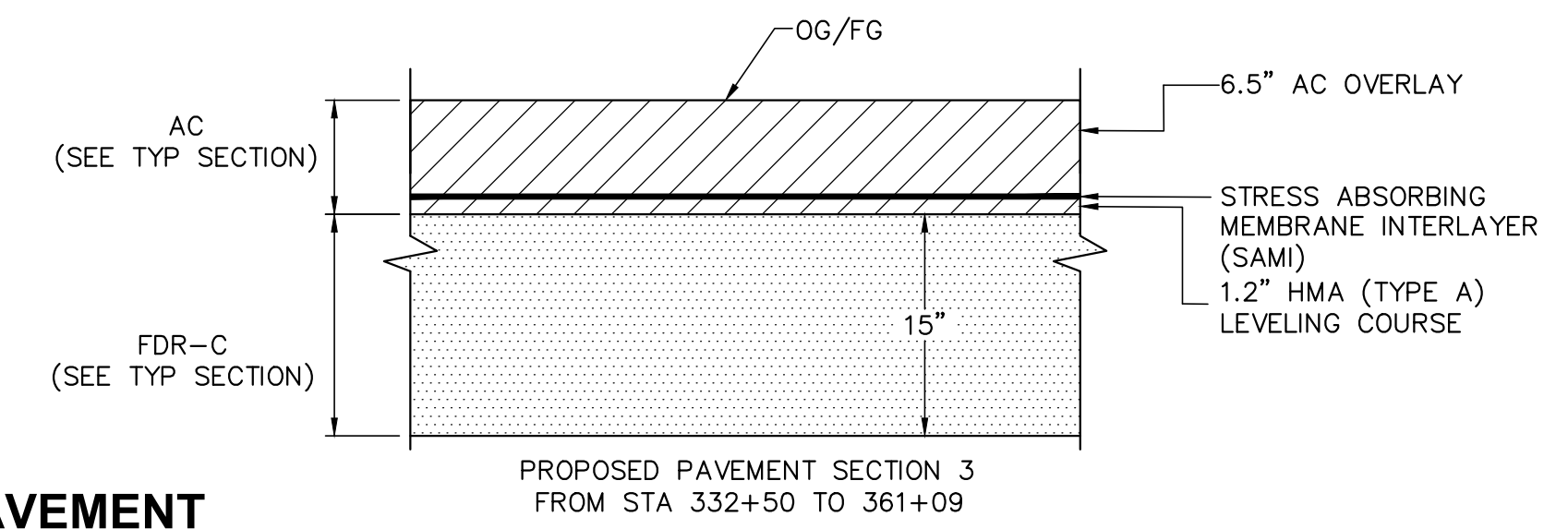
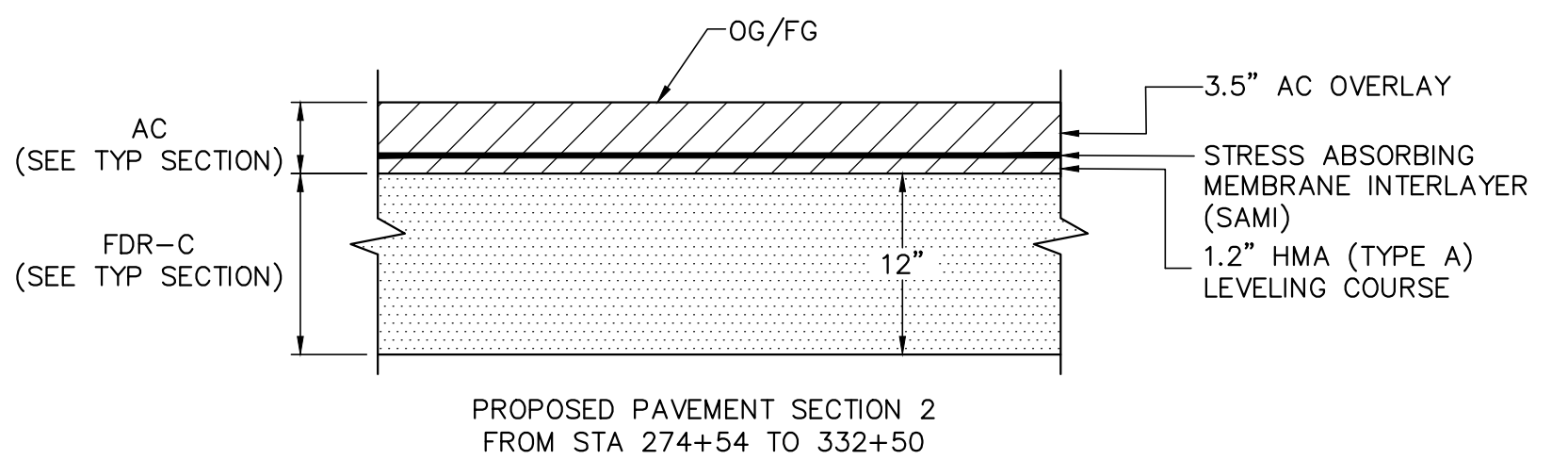
\\SCLPI-FS03\Public\Projects\Y2016\16066 AIGCo CivEnvRW OnCall\TO 03 Crow Canyon Pmt Rehab\Draw\Sheets\Phase 3\Sheets\01-06 TitlePNotes\_Typ Sec & Details.dwg 5-24-23 02:58:16 PM ROYMOLE

- NOTES**
- EXISTING CURB, GUTTER, DIKE AND GUARDRAIL ARE SHOWN FOR PAVEMENT REHABILITATION LIMIT PURPOSE AND ARE NOT PRESENT AT ALL LOCATIONS.
  - FINISHED GRADE SHALL MATCH EXISTING UNLESS OTHERWISE NOTED. FOR SUPERELEVATION TRANSITIONS AT CURVES, SEE SHEETS 14 TO 17.
  - STATION LIMITS FOR THE BRIDGE CROSSING AT CROW CREEK ARE APPROXIMATE.
  - SEE DETAIL 2 FOR TYPICAL FDR-C PAVEMENT SECTION.
  - CONSTRUCT TAPERED EDGE FOR LOCATIONS NOT NEXT TO DIKES, GUARDRAILS, BARRIERS, WALLS, OR LANDSCAPE PAVING. FOR PAVEMENT EDGE TREATMENTS, SEE CALTRANS STD PLAN P74, P75 (MILL & OVERLAY), & P76 (FDR).
  - PROPOSED AC DIKE AND MIDWEST GUARDRAIL SYSTEM ARE NOT SHOWN, SEE ROADWAY PLANS.

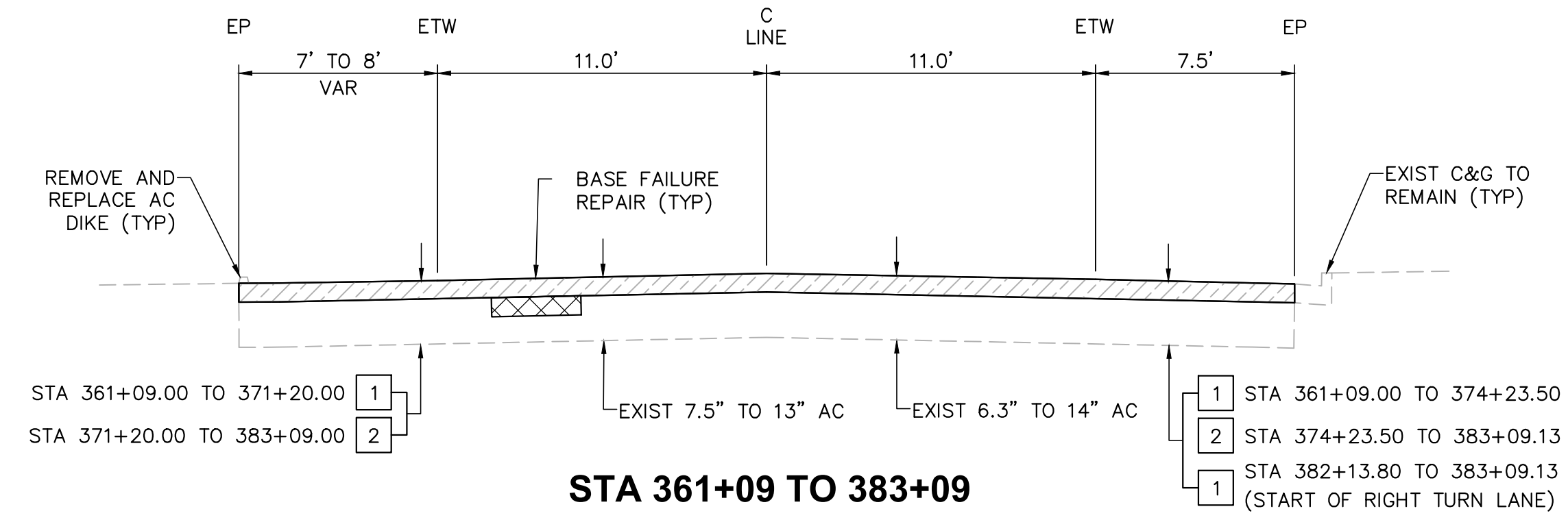
- LEGEND**
- HMA, TYPE A
  - FDR-C
  - MILL AND OVERLAY
  - BASE REPAIR FAILURE
- PROPOSED PAVEMENT SECTIONS**
- 1 [ 2" MILL EXIST PVMT  
2" HMA, TYPE A
  - 2 [ 4" MILL EXIST PVMT  
2" HMA, TYPE A  
PAVEMENT GRID (CLASS I)  
2" LEVELING AC
  - 3 [ 3.5" HMA, TYPE A  
SAMI  
1.2" LEVELING AC  
12" FDR-C
  - 4 [ 6.5" HMA, TYPE A  
SAMI  
1.2" LEVELING AC  
15" FDR-C
  - 5 [ 2.5" MILL EXIST PVMT  
2.5" HMA, TYPE A



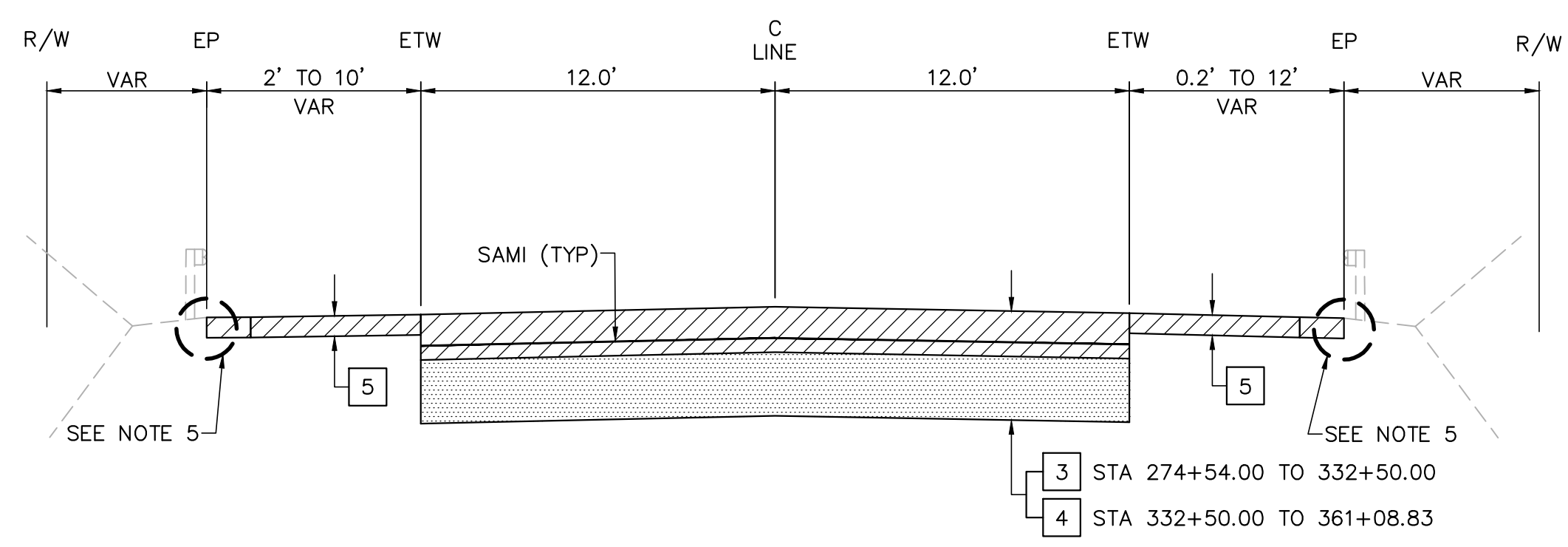
- NOTES:**
- LOCATION OF BASE FAILURES AS SHOWN ON SHEET 13 AND SHEET 14.
  - ACTUAL BASE FAILURE LOCATIONS WILL BE MARKED IN FIELD BY THE CITY INSPECTOR.
  - EXISTING PAVEMENT FABRIC SHALL BE REMOVED WHERE IT EXISTS.



**STA 383+09 TO 388+39**



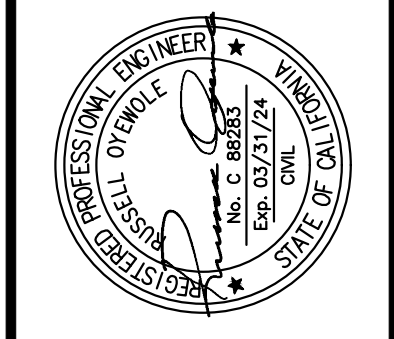
**STA 361+09 TO 383+09**



**STA 274+54 TO 361+09**

**REVISIONS**

NO.	DESCRIPTION	BY	DATE	APPV'D



**COUNTY OF ALAMEDA PUBLIC WORKS AGENCY**  
 THE PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS ON CROW CANYON ROAD AT VARIOUS LOCATIONS  
**TYPICAL SECTIONS AND DETAILS**  
 DRAWN: MICHAEL BAUDA  
 CHECKED: ANDREW SKOCHA  
 DESIGNED: ROBIN BARTLETT  
 APPROVED: RUSSELL OVERDEE  
 PROJECT NO: (610) 385-1150  
 SHEET NO: 04 OF 40  
 DATE: APR 2023  
 SCALE: AS SHOWN  
 WORK ORDER NO: R23483  
 SPECIFICATION NO: 2429  
 FILE NO: U-137-31