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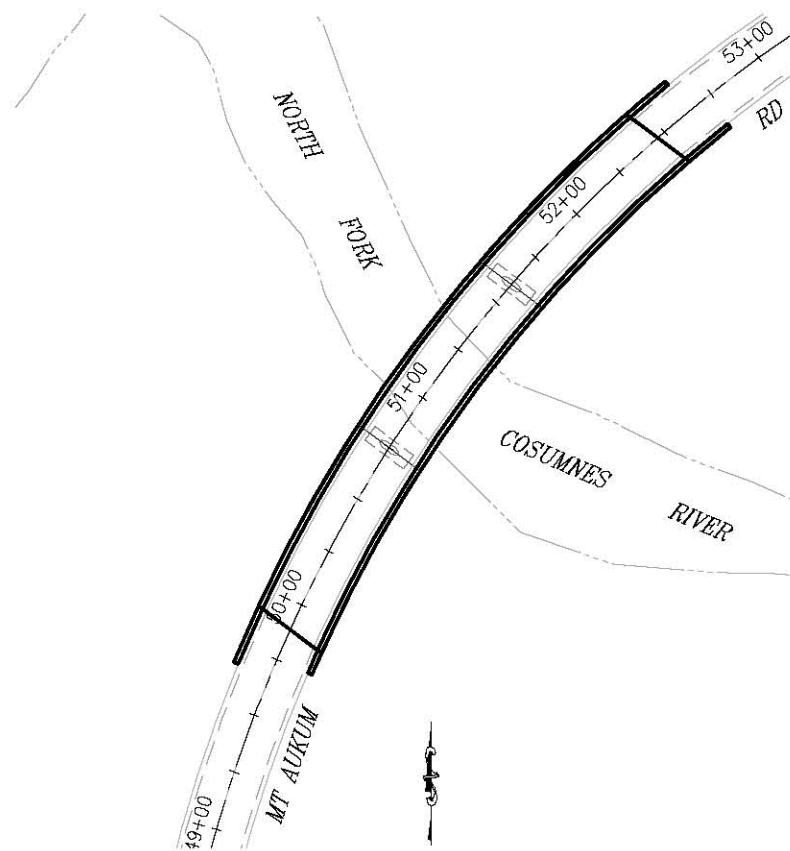
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4	SC-1	STAGED CONSTRUCTION
5	SC-2	STAGED CONSTRUCTION

# COUNTY OF EL DORADO, CA COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION

## PROJECT PLANS FOR THE CONSTRUCTION OF MT AUKUM ROAD AT NORTH FORK COSUMNES RIVER BRIDGE MAINTENANCE

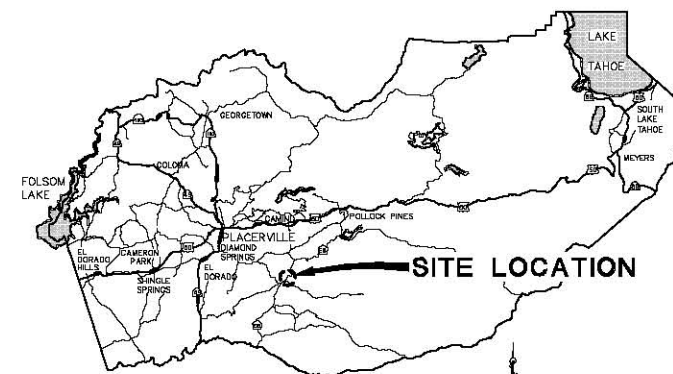
IN THE COUNTY OF EL DORADO, DISTRICT 2  
APPROXIMATELY 2.6 MILES SOUTH OF PLEASANT VALLEY ROAD IN THE COMMUNITY OF SOMERSET

To be supplemented with Standard Plans and Specifications dated MAY 2006, of the California Department of Transportation, and amendments thereto unless otherwise noted.

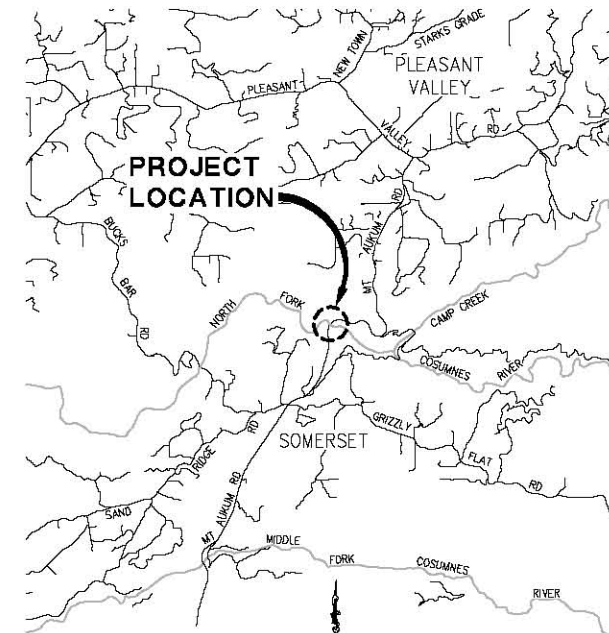


SITE PLAN

SCALE: 1"=40'



VICINITY MAP  
COUNTY OF EL DORADO



LOCATION MAP

NOT TO SCALE

**BOARD OF SUPERVISORS**  
 I RON MIKULAGO  
 II RAYMOND J. NUTTING  
 III BRIAN VEERKAMP  
 IV RON V. BRIGGS  
 V NORMA SANTIAGO

**COUNTY OF EL DORADO  
COMMUNITY DEVELOPMENT AGENCY  
TRANSPORTATION DIVISION**  
 (530) 621-5900  
 2850 FAIRLANE CT  
 PLACERVILLE, CA 95667

ADOPTED AND APPROVED BY:  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 RON V. BRIGGS, CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS  
 APPROVED BY:  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 KIMBERLY A. KEHR, INTERIM TRANSPORTATION DIRECTOR  
 ACTING COMMUNITY DEVELOPMENT AGENCY DIRECTOR  
 MATTHEW D. SWEETZER, P.E., NO. C56832, DEPUTY DIRECTOR, ENGINEERING

CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Act (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans. Failure of the successful Bidder to obtain proper and adequate licensing at the time bids are submitted shall constitute a failure to execute the Contract, and forfeiture as provided under that section.

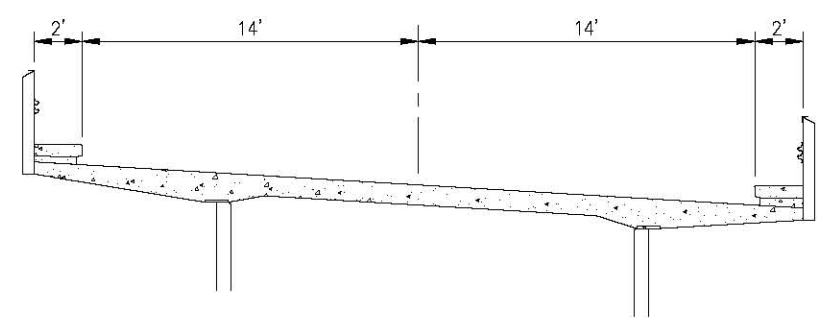
REVISIONS		
MARK	DATE	BY



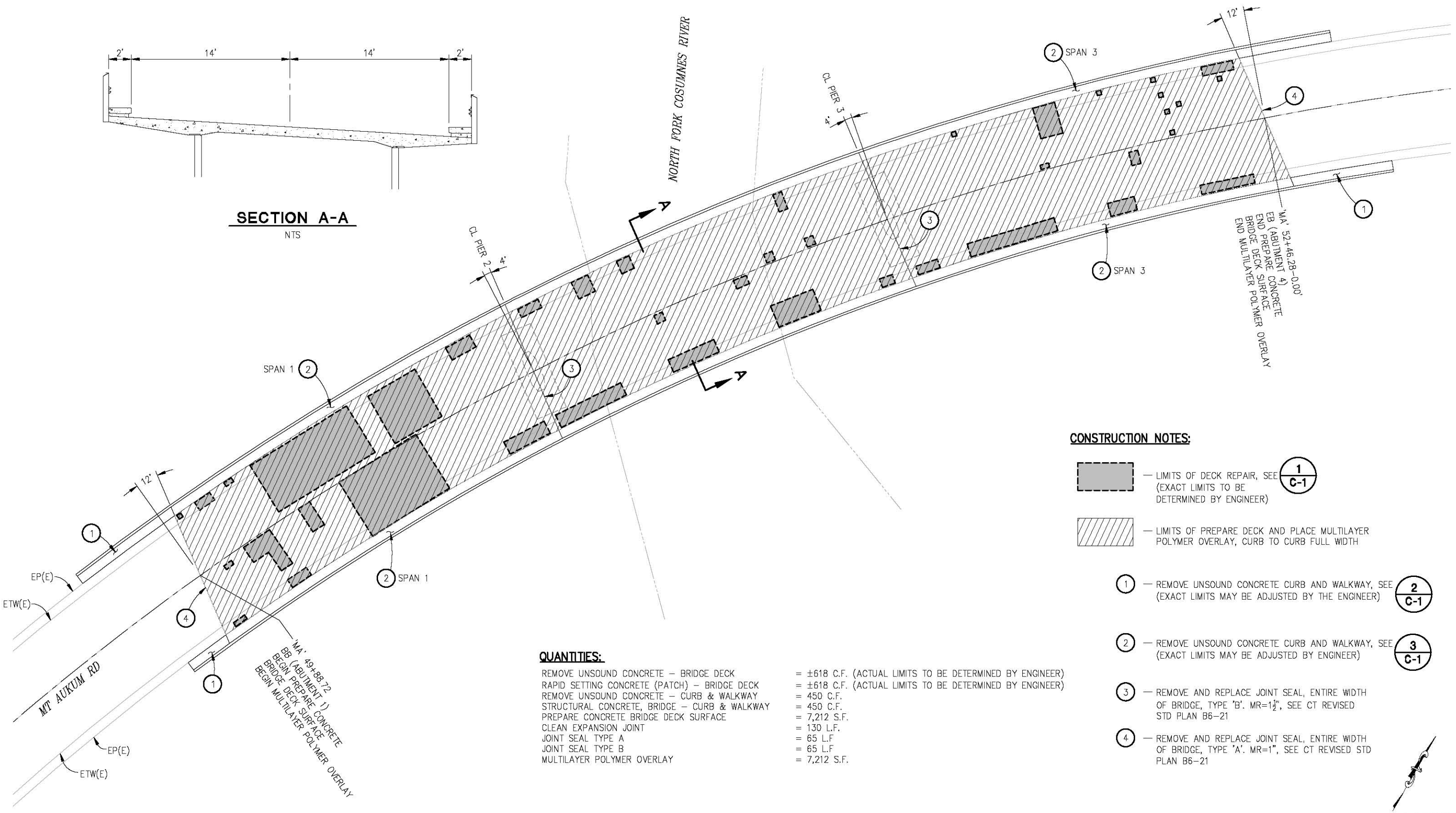
Chandra Ghimire  
 SUBMITTED BY:  
 CIVIL ENGINEER  
 STATE OF CALIFORNIA NO. \_\_\_\_\_ DATE \_\_\_\_\_

FED AID NO. BPMP 5925 (106)  
 PW NO. 13-30677 PROJECT NO. 77130  
**MT AUKUM ROAD AT NORTH  
FORK COSUMNES RIVER  
BRIDGE MAINTENANCE**  
**TITLE SHEET**  
 SHEET 1 OF 5

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Civil 3D Projects\77130 Mt. Aukum Bridge Maintenance\CADD Files\Sheets\Plan Sheets.dwg Layout Tab: L-1 Sep 18, 2013 6:16am Slicvey



**SECTION A-A**  
NTS





NORTH FORK COSUMNES RIVER

MT AUKUM RD

MA' 49+88.72  
 BB (ABUTMENT 1)  
 BEGIN PREPARE CONCRETE  
 BRIDGE DECK SURFACE  
 BEGIN MULTILAYER POLYMER OVERLAY

**CONSTRUCTION NOTES:**

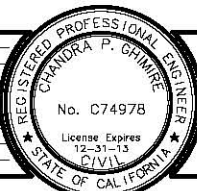
-  — LIMITS OF DECK REPAIR, SEE **1** (EXACT LIMITS TO BE DETERMINED BY ENGINEER) **C-1**
-  — LIMITS OF PREPARE DECK AND PLACE MULTILAYER POLYMER OVERLAY, CURB TO CURB FULL WIDTH
- 1** — REMOVE UNSOUND CONCRETE CURB AND WALKWAY, SEE **2** (EXACT LIMITS MAY BE ADJUSTED BY THE ENGINEER) **C-1**
- 2** — REMOVE UNSOUND CONCRETE CURB AND WALKWAY, SEE **3** (EXACT LIMITS MAY BE ADJUSTED BY ENGINEER) **C-1**
- 3** — REMOVE AND REPLACE JOINT SEAL, ENTIRE WIDTH OF BRIDGE, TYPE 'B'. MR=1 1/2", SEE CT REVISED STD PLAN B6-21
- 4** — REMOVE AND REPLACE JOINT SEAL, ENTIRE WIDTH OF BRIDGE, TYPE 'A'. MR=1", SEE CT REVISED STD PLAN B6-21

**QUANTITIES:**

- REMOVE UNSOUND CONCRETE — BRIDGE DECK = ±618 C.F. (ACTUAL LIMITS TO BE DETERMINED BY ENGINEER)
- RAPID SETTING CONCRETE (PATCH) — BRIDGE DECK = ±618 C.F. (ACTUAL LIMITS TO BE DETERMINED BY ENGINEER)
- REMOVE UNSOUND CONCRETE — CURB & WALKWAY = 450 C.F.
- STRUCTURAL CONCRETE, BRIDGE — CURB & WALKWAY = 450 C.F.
- PREPARE CONCRETE BRIDGE DECK SURFACE = 7,212 S.F.
- CLEAN EXPANSION JOINT = 130 L.F.
- JOINT SEAL TYPE A = 65 L.F.
- JOINT SEAL TYPE B = 65 L.F.
- MULTILAYER POLYMER OVERLAY = 7,212 S.F.

FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:  
**Chandra Ghimire**  
 REGISTERED CIVIL ENGINEER

DESIGNED: CG	DRAWN: SGM
CHECKED: TL	DATE: 03/17/13
ROAD NUMBER: 078	



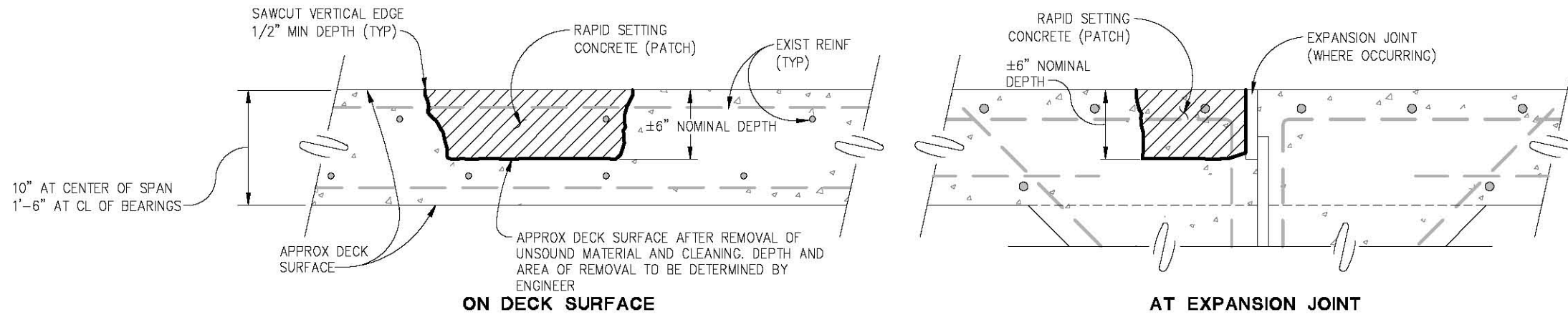
**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

**MT AUKUM ROAD AT NORTH FORK**  
**COSUMNES RIVER BRIDGE**  
**MAINTENANCE**

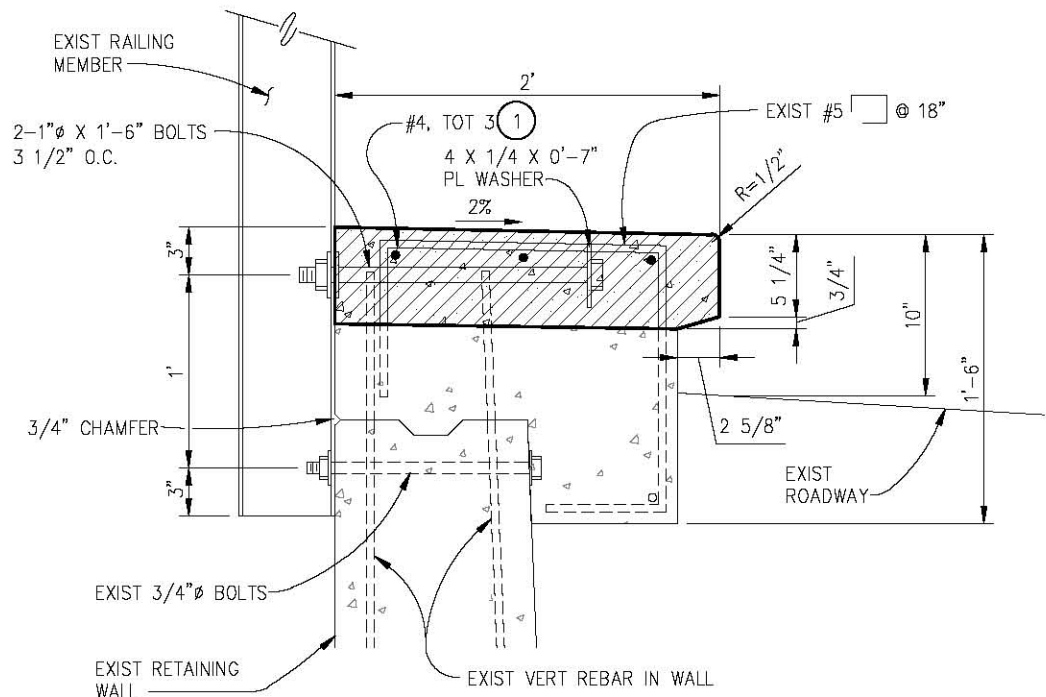
SHEET	L-1
2 OF 5	
W.C. No.	77130

LAYOUT  
 SCALE : 1" = 10'

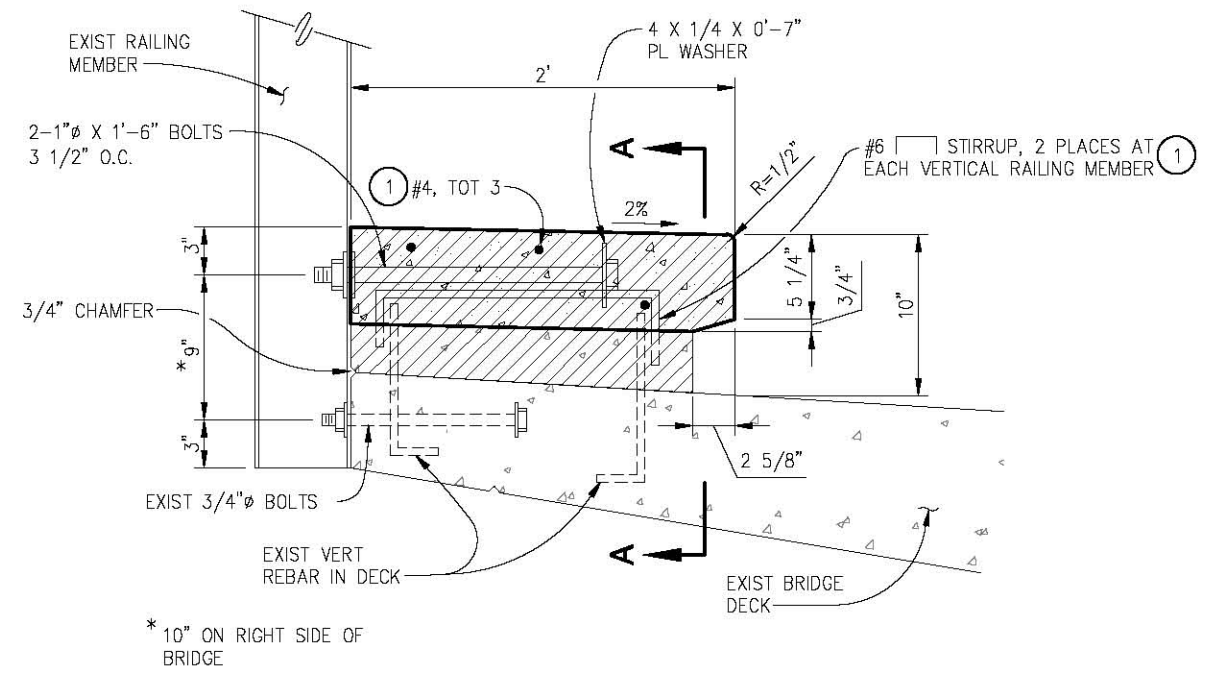
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 FOR REDUCED PLANS



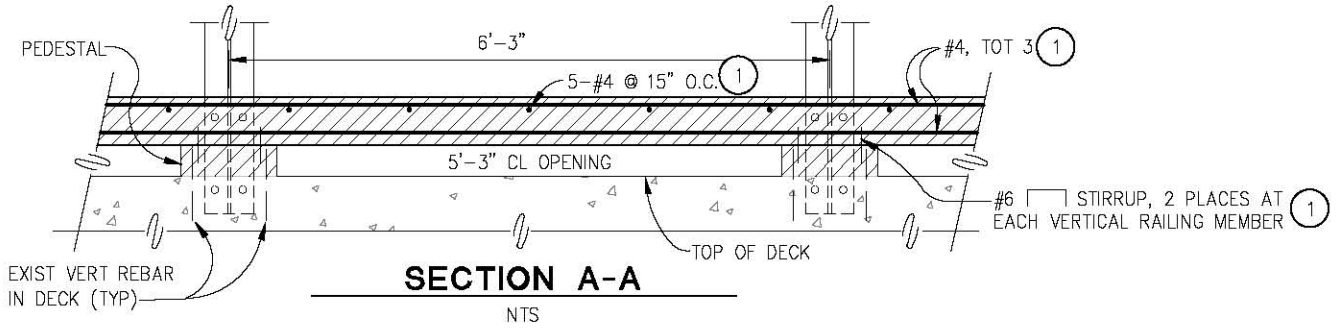
**1 DECK REPAIR**  
 C-1 NTS



**2 CURB AND WALKWAY REPLACEMENT ON WINGWALL**  
 C-1 NTS



**3 CURB AND WALKWAY REPLACEMENT ON BRIDGE DECK**  
 C-1 NTS



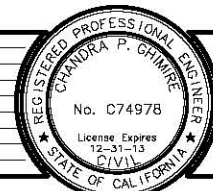
**SECTION A-A**  
 NTS

**LEGEND:**  
 REMOVE UNSOUND CONCRETE LIMITS

**NOTE:**  
 IF ANY REINFORCEMENT IS DAMAGED, DRILL AND BOND REINFORCEMENT

**CONSTRUCTION NOTES:**  
 1 REPLACE #4 TOTAL 3 AND #6 STIRRUPS AND #4 @ 15 O.C. AS SHOWN

**CONSTRUCTION DETAILS SCALE : AS SHOWN**



PREPARED UNDER THE SUPERVISION OF:  
**Chandra Ghimire**  
 REGISTERED CIVIL ENGINEER

DESIGNED: CG  
 CHECKED: TL  
 DRAWN: SGM  
 DATE: 03/17/13  
 ROAD NUMBER: 078

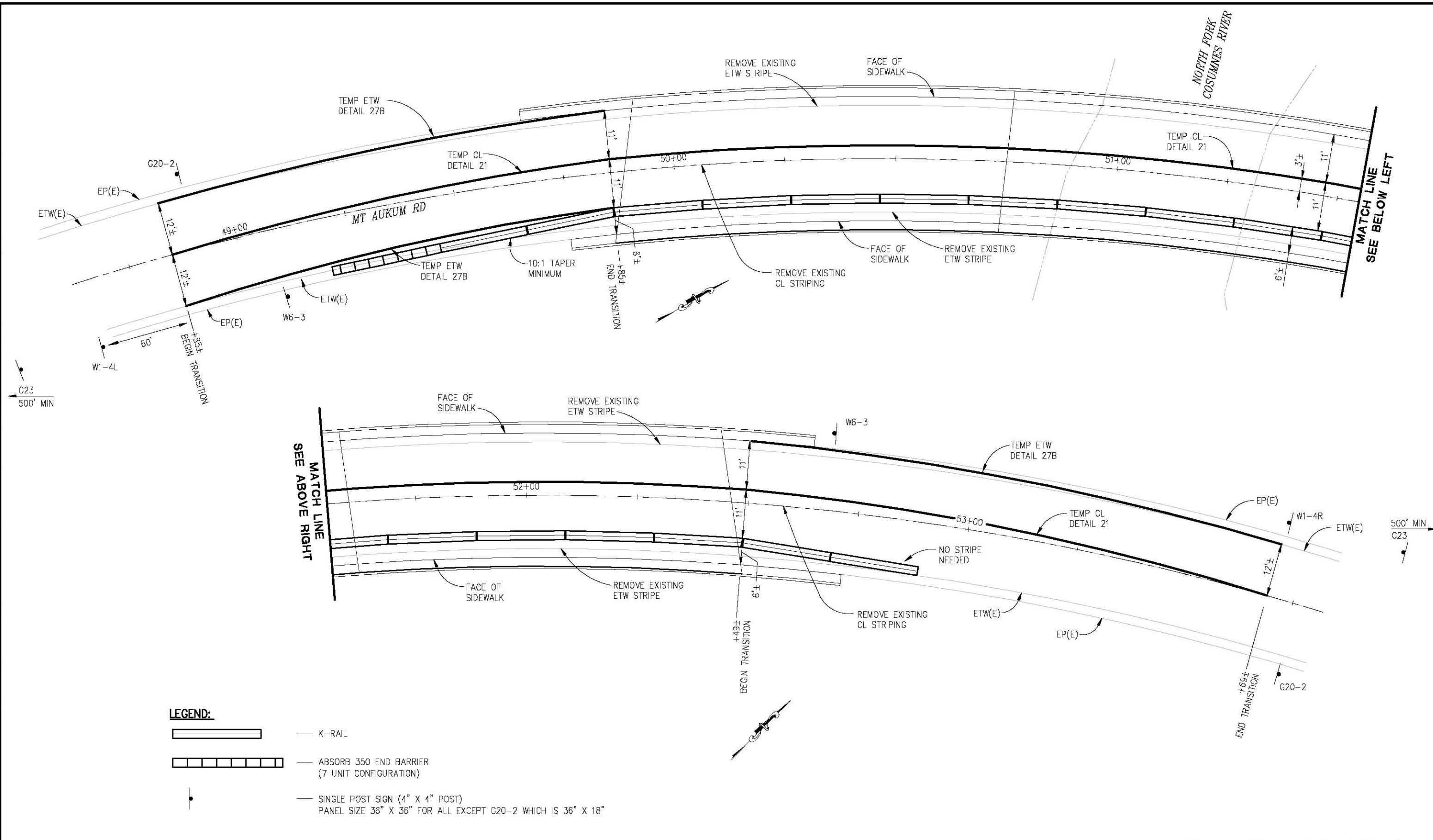


**COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION**

**MT AUKUM ROAD AT NORTH FORK  
 COSUMNES RIVER BRIDGE  
 MAINTENANCE**

SHEET  
**C-1**  
 3 OF 5  
 W.C. No. 77130

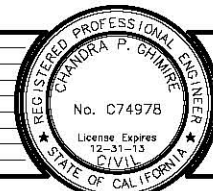
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**LEGEND:**

- K-RAIL
- ABSORB 350 END BARRIER (7 UNIT CONFIGURATION)
- SINGLE POST SIGN (4" X 4" POST) PANEL SIZE 36" X 36" FOR ALL EXCEPT G20-2 WHICH IS 36" X 18"

**STAGED CONSTRUCTION - EAST BOUND**  
**SCALE : 1" = 10'**



PREPARED UNDER THE SUPERVISION OF:  
**Chandra Ghimire**  
 REGISTERED CIVIL ENGINEER

DESIGNED: CG  
 CHECKED: TL  
 ROAD NUMBER: 078  
 DRAWN: SGM  
 DATE: 03/17/13



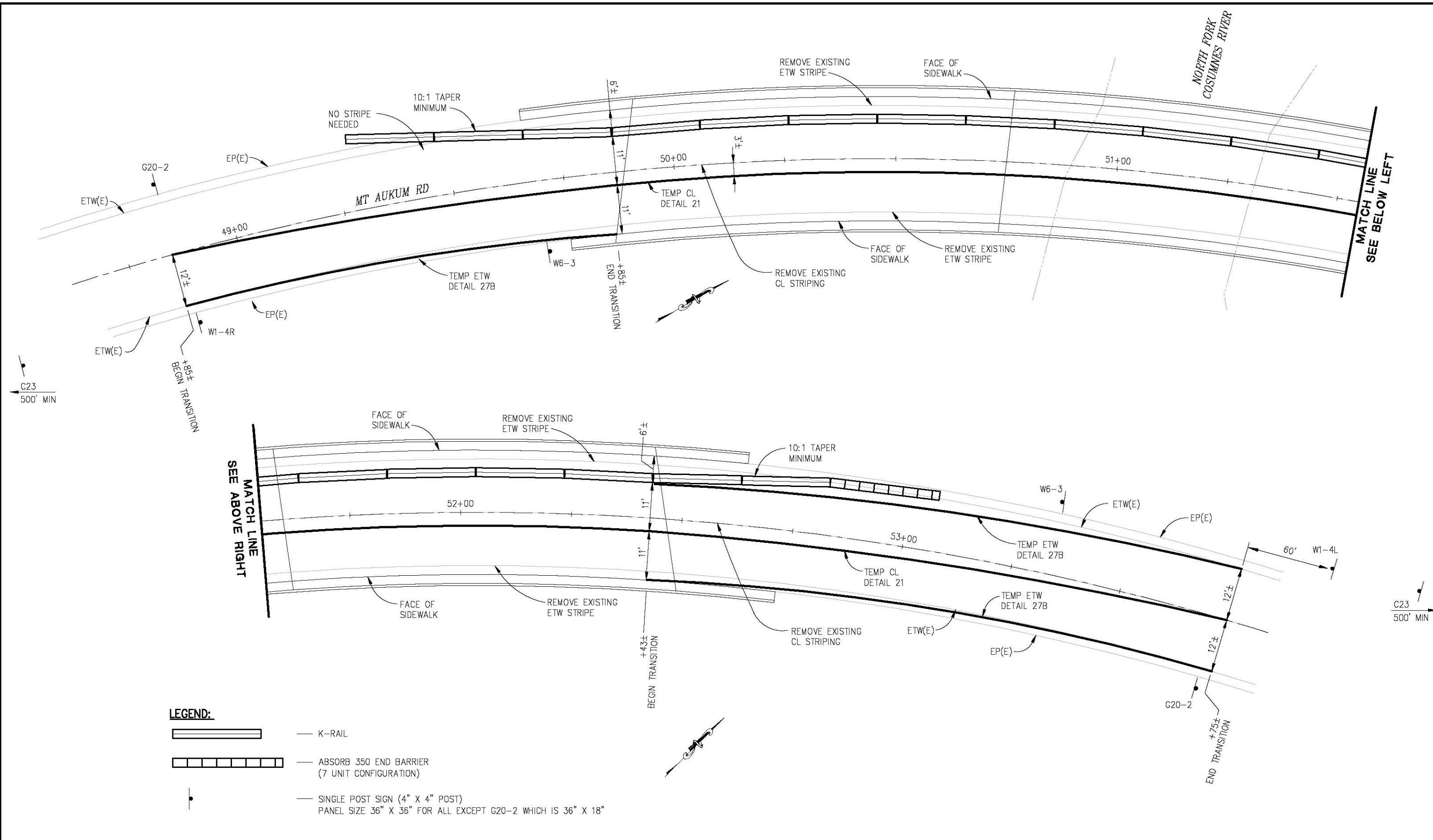
**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

**MT AUKUM ROAD AT NORTH FORK**  
**COSUMNES RIVER BRIDGE**  
**MAINTENANCE**

SHEET  
**SC-1**  
 4 OF 5  
 W.G. No. 77130

REVISION	NUMBER	DATE	DESCRIPTION	BY

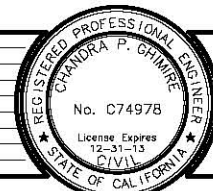
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**LEGEND:**

- K-RAIL
- ABSORB 350 END BARRIER (7 UNIT CONFIGURATION)
- SINGLE POST SIGN (4" X 4" POST) PANEL SIZE 36" X 36" FOR ALL EXCEPT G20-2 WHICH IS 36" X 18"

**STAGED CONSTRUCTION - WEST BOUND**  
SCALE : 1" = 10'



PREPARED UNDER THE SUPERVISION OF:  
**Chandra Ghimire**  
REGISTERED CIVIL ENGINEER

DESIGNED: CG  
CHECKED: TL  
ROAD NUMBER: 078  
DRAWN: SGM  
DATE: 03/17/13



**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

**MT AUKUM ROAD AT NORTH FORK**  
**COSUMNES RIVER BRIDGE**  
**MAINTENANCE**

SHEET  
**SC-2**  
5 OF 5  
W.G. No. 77130