



*in El Dorado County*



*South Fork American River Bridge Project*



*South Fork American River Bridge Project in El Dorado County*

## Introductions

- Jess Avila, Project Manager
- Ron Tollison, Project Engineer
- Lesley Morgan, Landscape Architect
- Kristen Stubblefield, Env. Coordinator
- Steve Nelson, Public Information Officer



## *South Fork American River Bridge Project in El Dorado County*

### Meeting Purpose

- The purpose of this meeting is to provide information and receive feedback pertaining to the proposed architectural features and impacts to motor vehicles and pedestrian access during construction.
- The bridge replacement will require stage construction that will affect the motoring public, pedestrians and the use of the river during construction.



*South Fork American River Bridge Project in El Dorado County*

## AGENDA

- Project Purpose / Location
- Background
- Project Schedule
- Architectural Features
- Project Stage Construction
- Questions



## *South Fork American River Bridge Project in El Dorado County*

- **Project Purpose:**

To preserve the integrity of the highway facility by replacing the bridge at the S. F. American River and Hwy 49



# South Fork American River Bridge Project in El Dorado County

## Project Location





## *South Fork American River Bridge Project in El Dorado County*

# Background

- Feb. 2010 Project study - Proposed Seismic Retrofit of bridge
  - January 2011 – County Board of Supervisors
  - March 2011 – County sponsored public forum
- Nov. 2011 Project study - Provided wide range of alternatives



*South Fork American River Bridge Project in El Dorado County*

## Background

- Aug. 2012 Began Environmental Process
  - May 2013 Public Forum at The Grange
  - August 2013 Stakeholders meeting
  - November 2014 Stakeholders & Public Forum meetings
- March 2013 Environmental Document Approved



*South Fork American River Bridge Project in El Dorado County*

## Project Schedule

- Contract Ready– October 2016
- Start project – December 2016
- Complete project – target January 2019



*South Fork American River Bridge Project in El Dorado County*

# Architectural Features

- Bridge Rails
- Walls
- Sidewalks
- Comment Forms



# South Fork American River Bridge Project in El Dorado County

## Surrounding Community Environment

Town of Lotus



Coloma State Park





*in El Dorado County*



*South Fork American River Bridge Project*

# Bridge Rail Options

## Bridge Barrier Options



### Metal Barrier (ST-10) With Handrail

- Highest Scenic Visibility Through Rail
- Black Railing
- Sidewalk Colored Gray or Brown



### Concrete Barrier (Type 80 Modified) Top Rail Appearance to Look Like Wood

- Lower Scenic Visibility Through Rail
- Tubular Hand Railing (Modified)
- Black Railing
- Sidewalk Colored Gray or Brown



### Concrete Barrier (Type 80)

- Lower Scenic Visibility Through Rail
- Tubular Hand Railing (Modified)
- Black Railing
- Sidewalk Colored Gray or Brown

## Bridge End Block Options



### Plain Concrete End Block (Type WB) MBGR Tinted

- Metal Beam Guardrail Should Be Stained to Rustic Brown



### Concrete & Rock End Block

- Extend end block to show pattern
- Rock inset on traffic side & outside of bridge

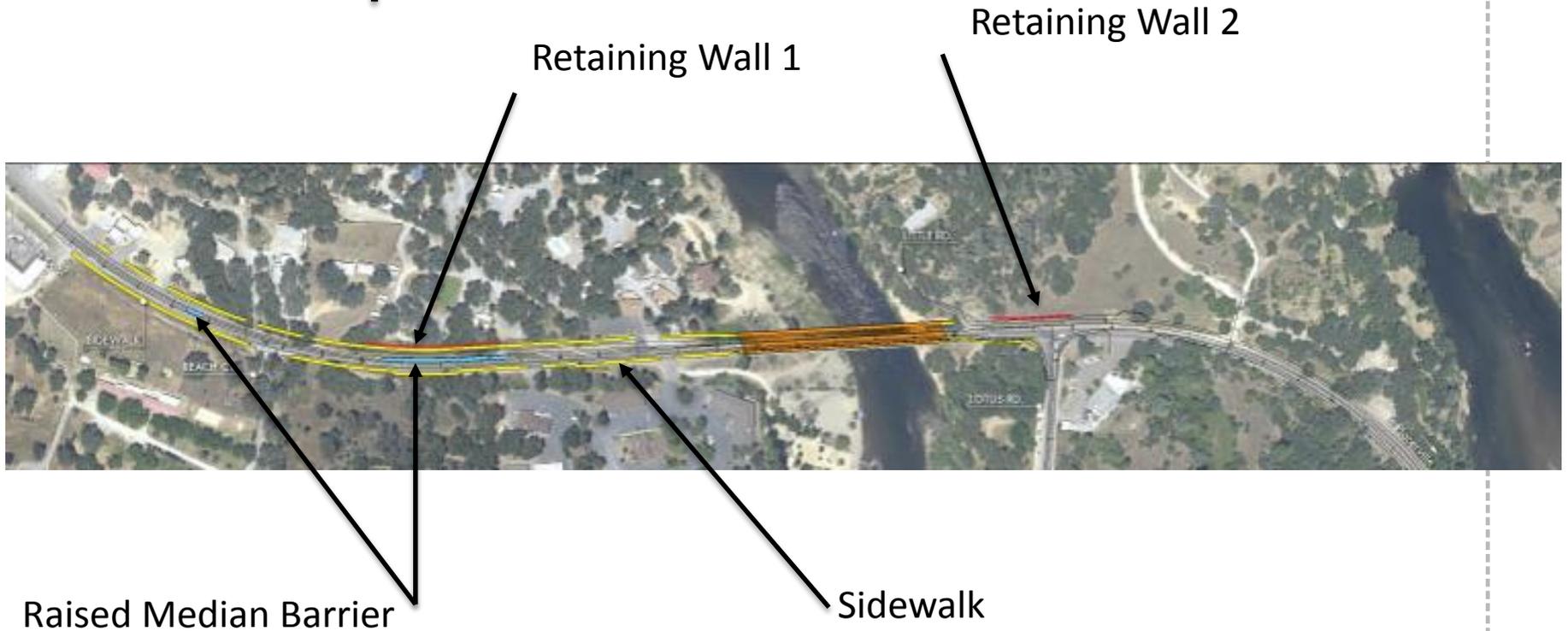


### Solid Rock End Block

- Extend end block to show pattern
- Rock pattern on traffic side & outside of bridge



# South Fork American River Bridge Project in El Dorado County





## *in El Dorado County*

### Retaining Wall 1



Dry Stack Rock



*in El Dorado County*

## Retaining Wall 1



Wood with rock pilaster



# South Fork American River Bridge Project in El Dorado County



Retaining Wall 2





## *in El Dorado County*

### Retaining Wall 2



Dry Stack Rock



## in El Dorado County

### Retaining Wall 2



Wood with rock pilaster



*South Fork American River Bridge Project in El Dorado County*

## Stage Construction

- Stage 1
  - Phase 1
  - Phase 2
- Stage 2
- Stage 3



*South Fork American River Bridge Project in El Dorado County*

# Stage Construction

- Stage 1 – Phase 1

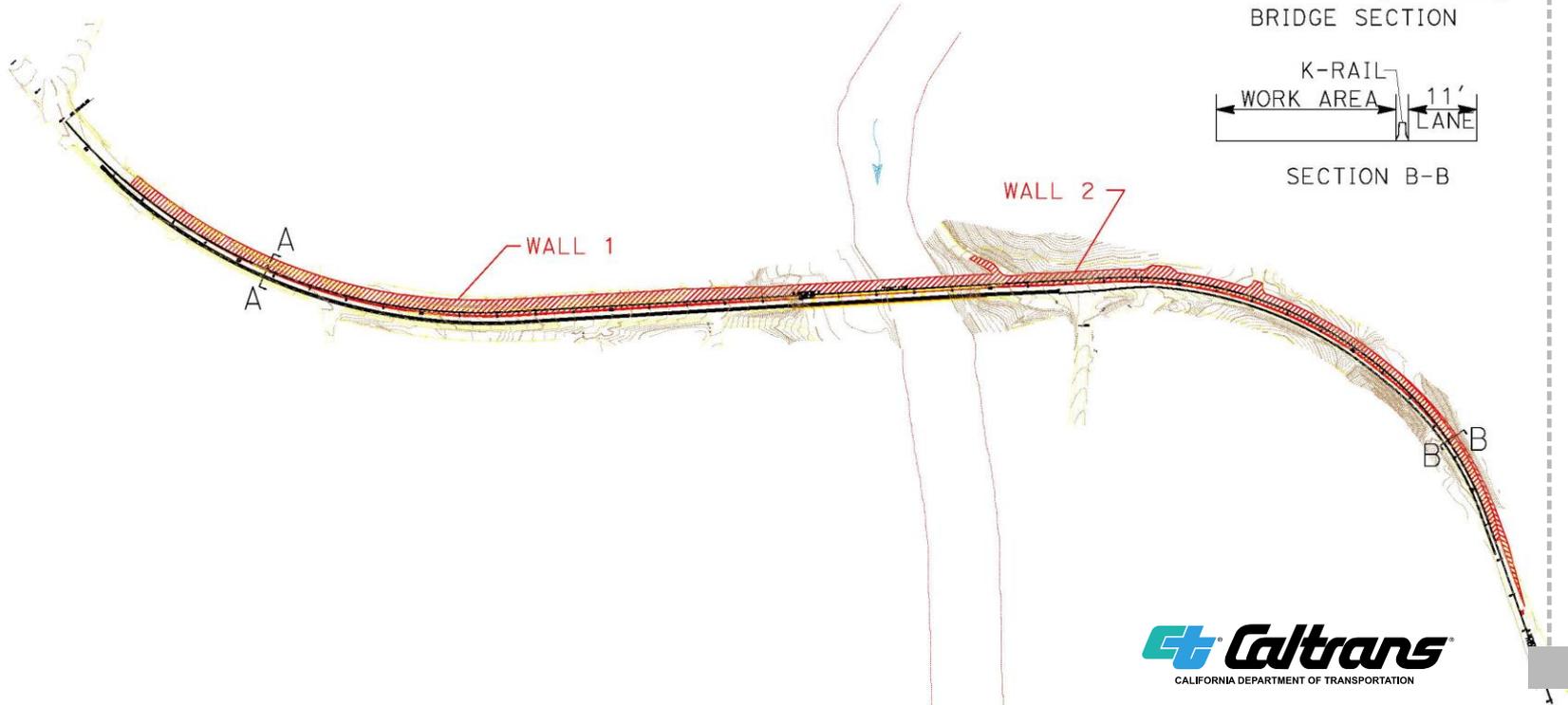
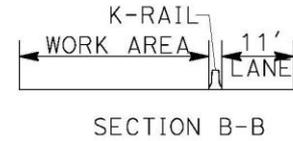
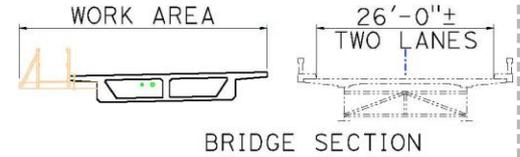
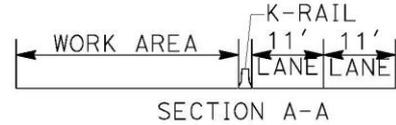


# South Fork American River Bridge Project in El Dorado County

## SOUTH FORK AMERICAN RIVER BRIDGE STAGE CONSTRUCTION & TRAFFIC HANDLING STAGE 1 PHASE 1

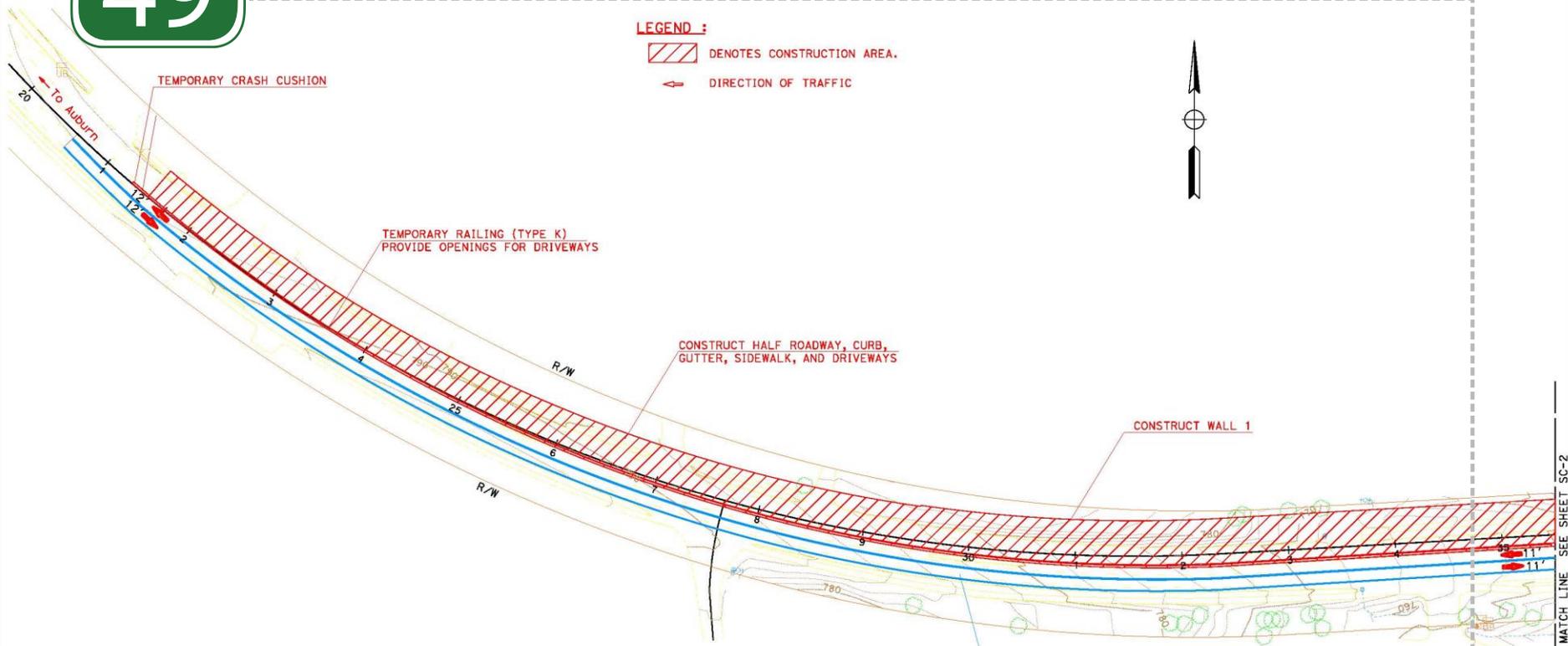


 WORK AREA  
 TRAFFIC





# South Fork American River Bridge Project in El Dorado County



**LEGEND :**  
[Red hatched box] DENOTES CONSTRUCTION AREA.  
[Red arrow] DIRECTION OF TRAFFIC



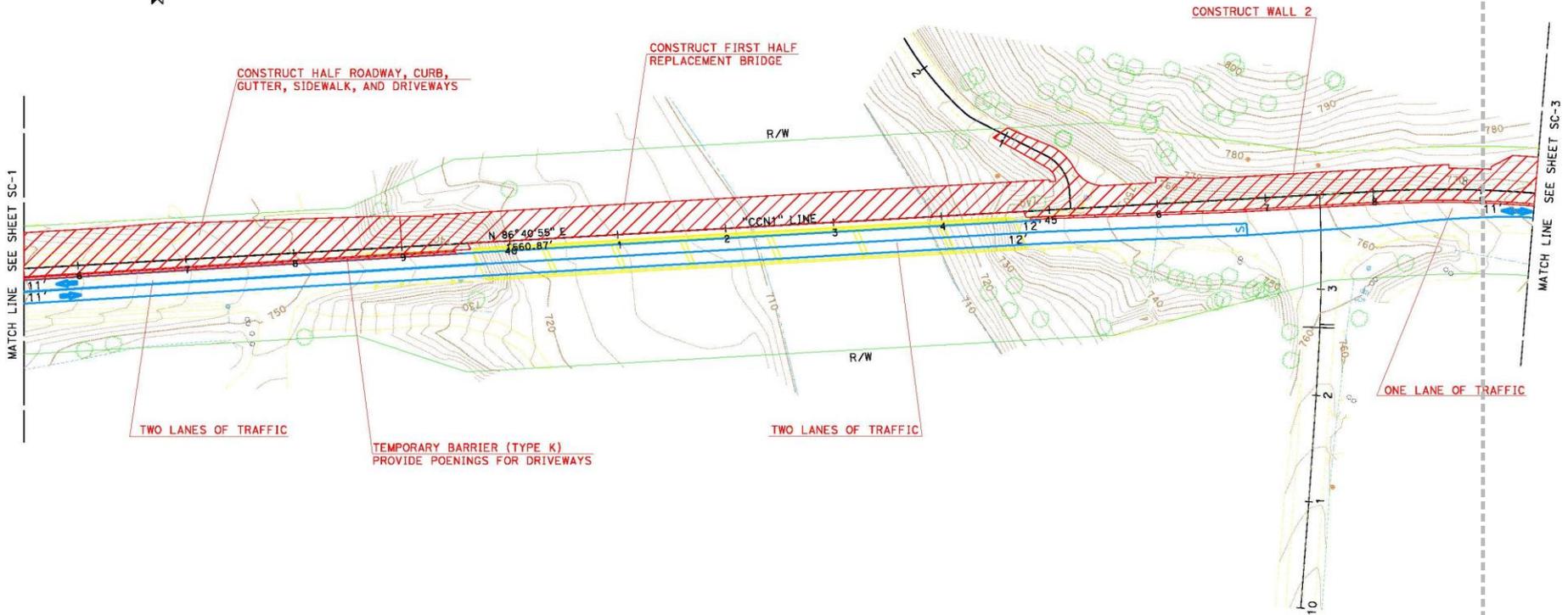
CALIFORNIA DEPARTMENT OF TRANSPORTATION

**STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN**

STAGE 1 PHASE 1



# South Fork American River Bridge Project in El Dorado County



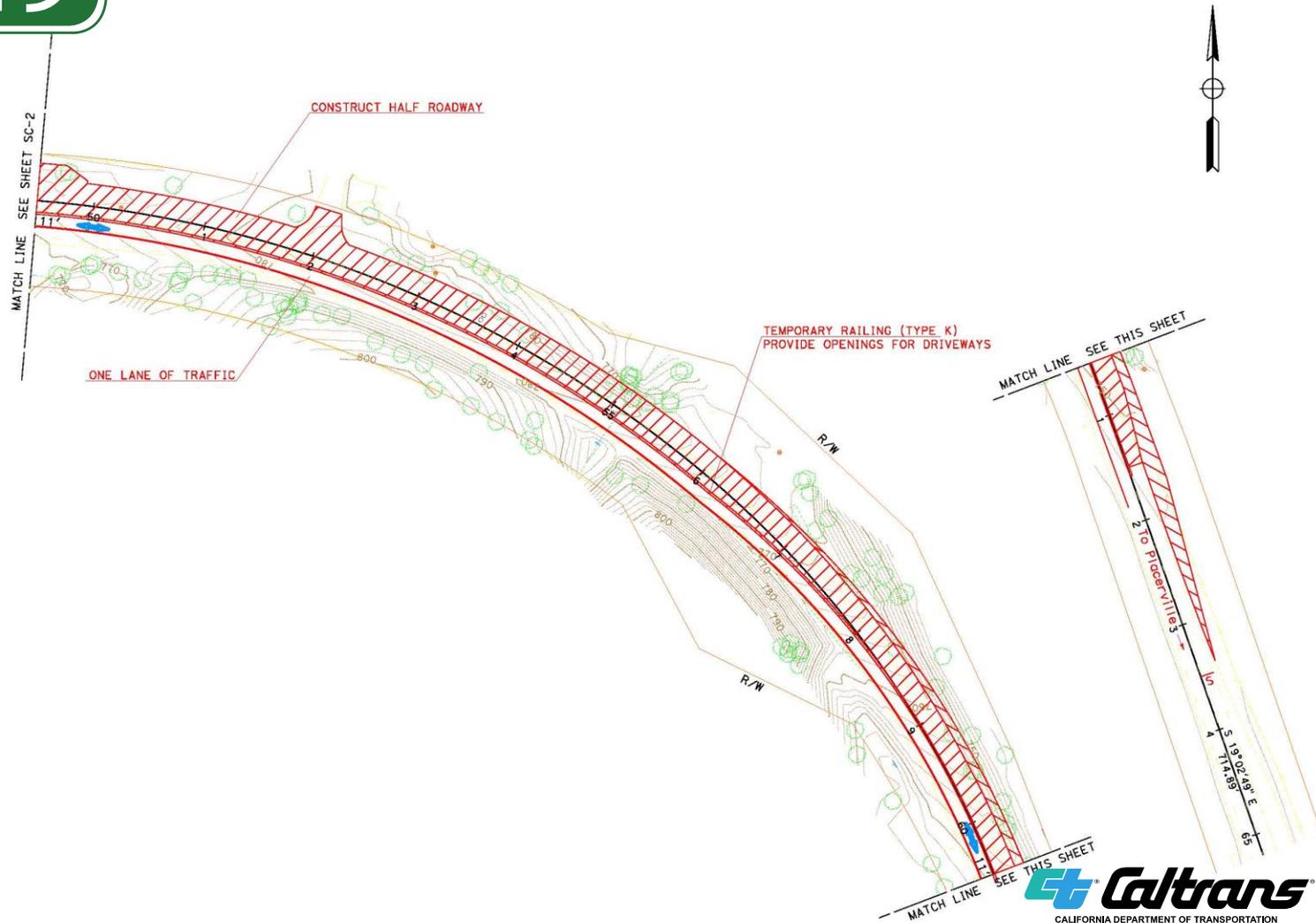
CALIFORNIA DEPARTMENT OF TRANSPORTATION

## STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

STAGE 1 PHASE 1



# South Fork American River Bridge Project in El Dorado County



**STAGE CONSTRUCTION AND  
TRAFFIC HANDLING PLAN**  
STAGE 1 PHASE 1



*South Fork American River Bridge Project in El Dorado County*

# Stage Construction

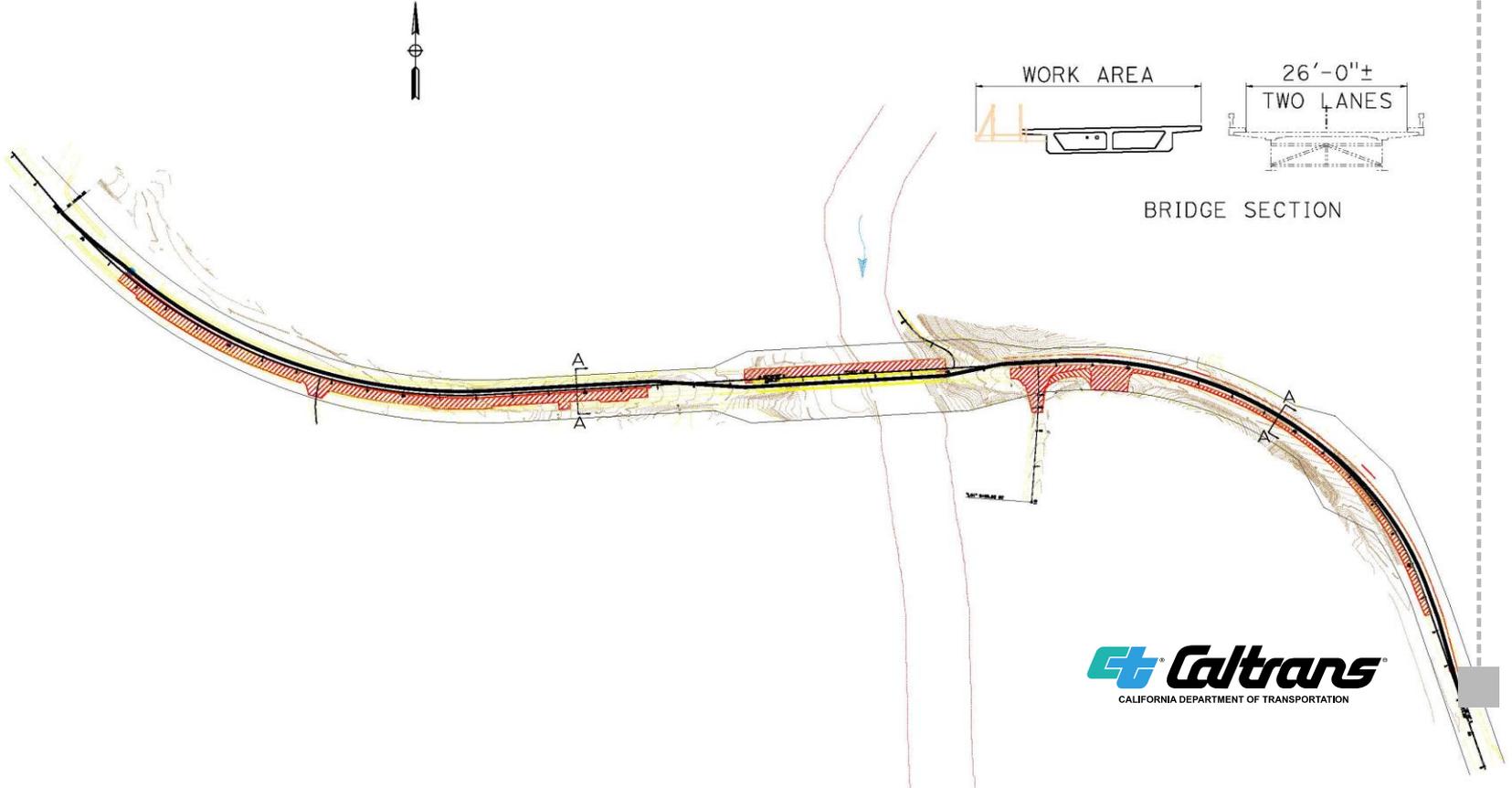
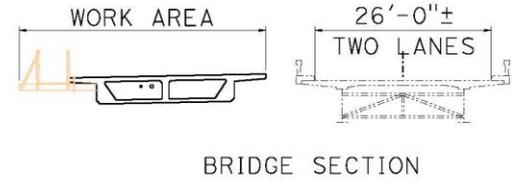
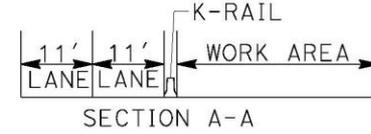
- Stage 1 – Phase 2



# South Fork American River Bridge Project in El Dorado County

## SOUTH FORK AMERICAN RIVER BRIDGE STAGE CONSTRUCTION & TRAFFIC HANDLING STAGE 1 PHASE 2

 WORK AREA  
 TRAFFIC





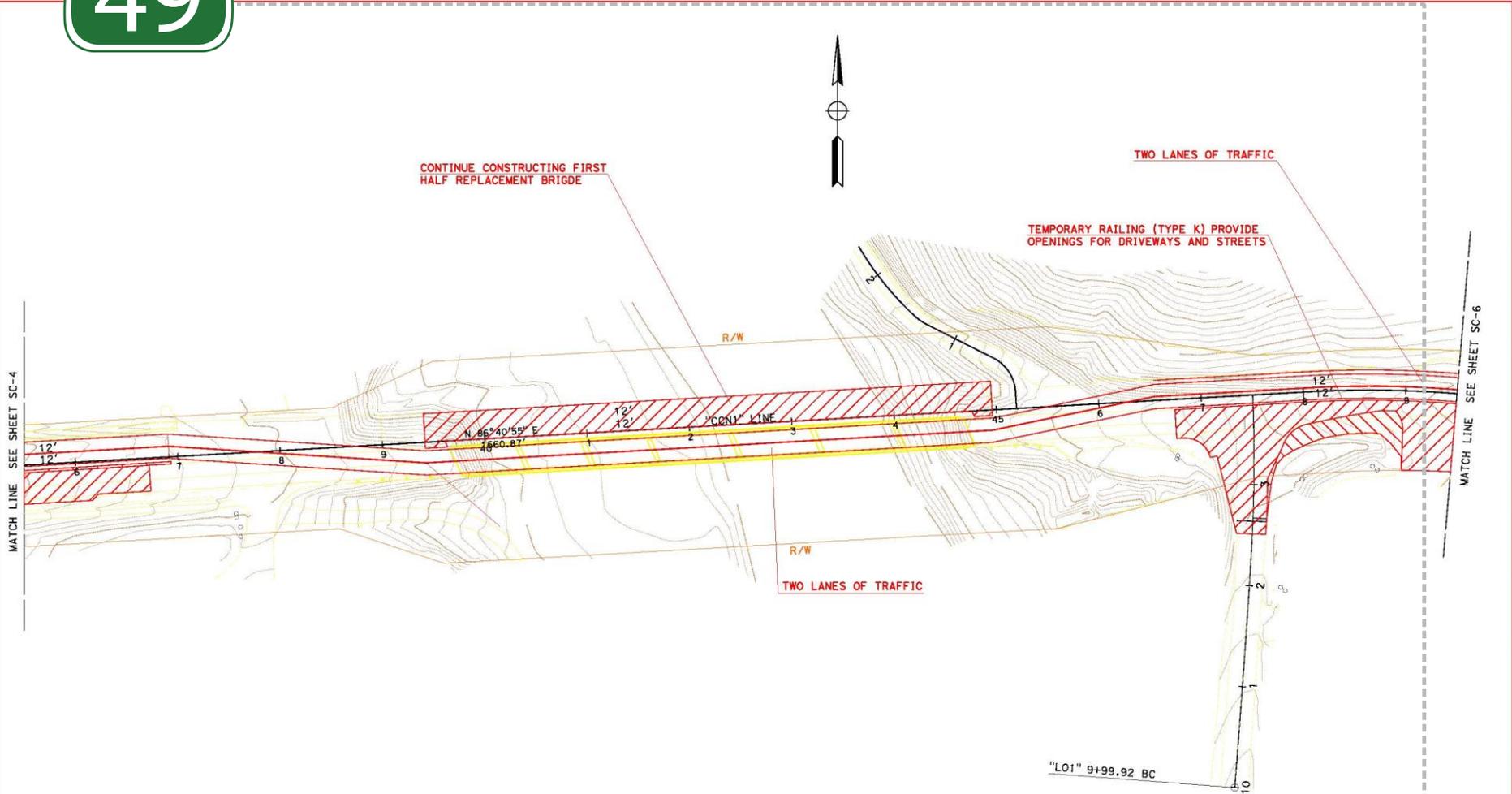
# South Fork American River Bridge Project in El Dorado County



**STAGE CONSTRUCTION AND  
TRAFFIC HANDLING PLAN**  
STAGE 1 PHASE 2

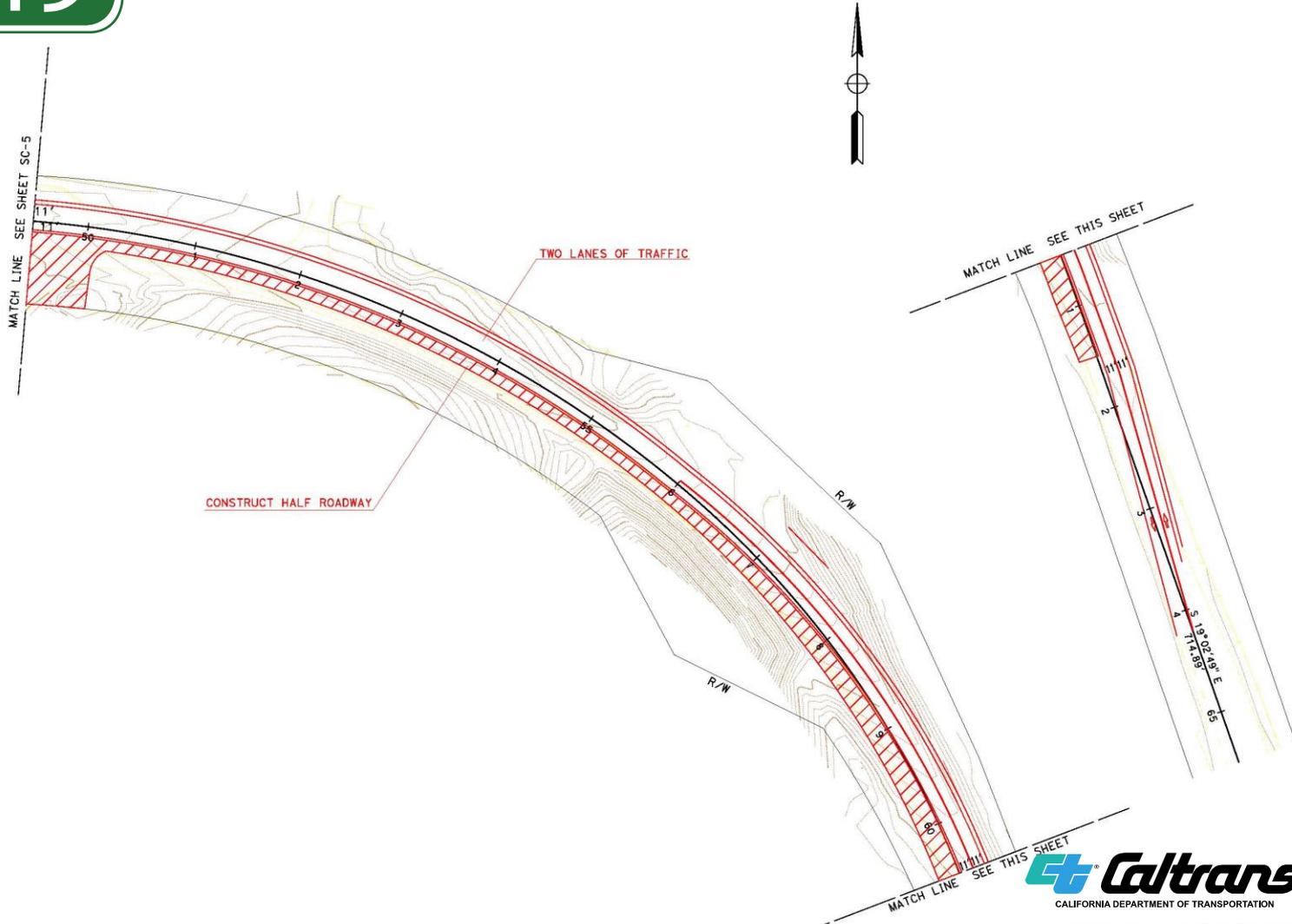


# South Fork American River Bridge Project in El Dorado County





# South Fork American River Bridge Project in El Dorado County



**STAGE CONSTRUCTION AND  
TRAFFIC HANDLING PLAN**  
STAGE 1 PHASE 2



*South Fork American River Bridge Project in El Dorado County*

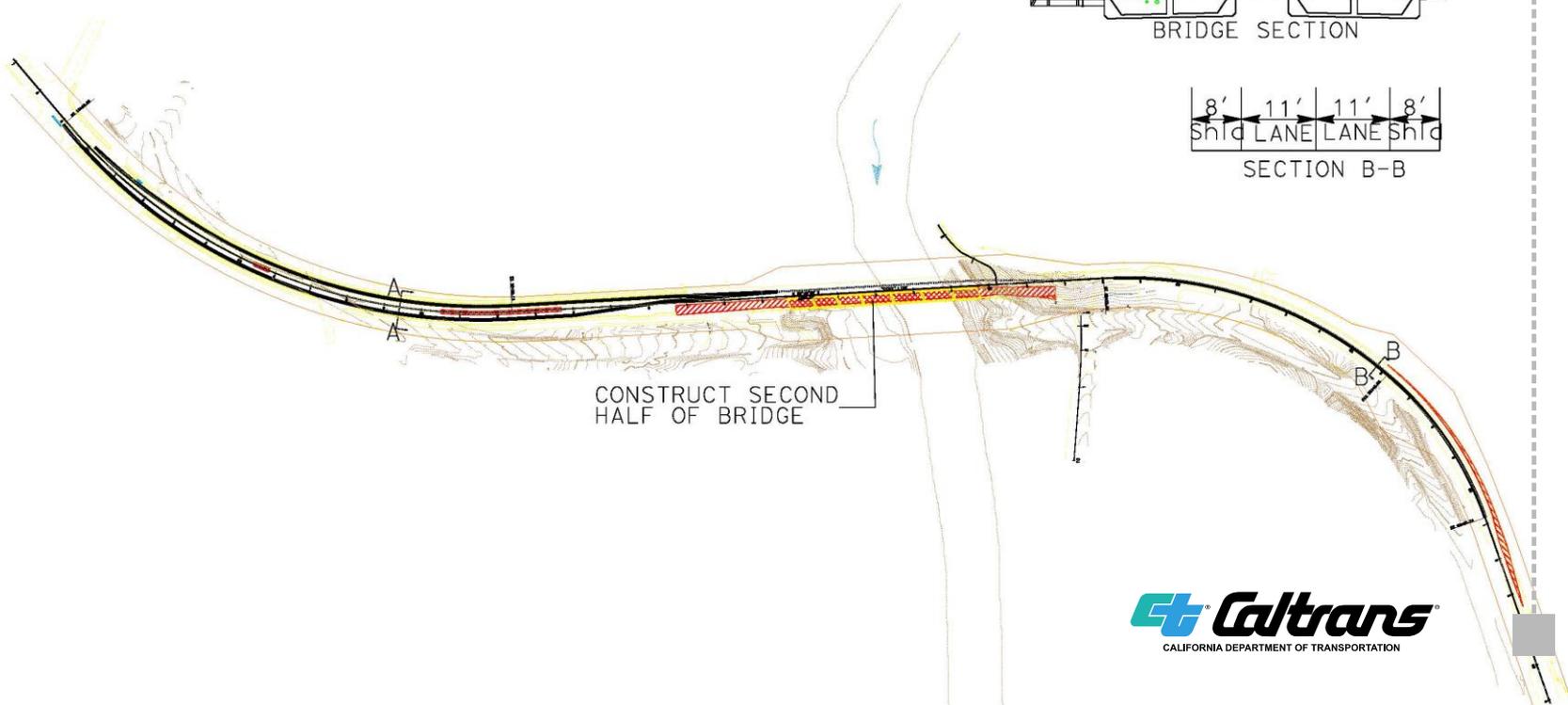
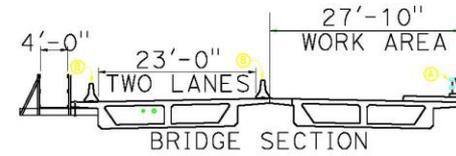
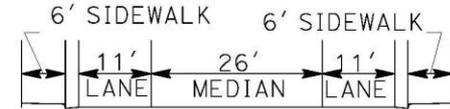
# Stage Construction

- Stage 2



# South Fork American River Bridge Project in El Dorado County

## SOUTH FORK AMERICAN RIVER BRIDGE STAGE CONSTRUCTION & TRAFFIC HANDLING STAGE 2





*South Fork American River Bridge Project in El Dorado County*

# Stage Construction

- Stage 3

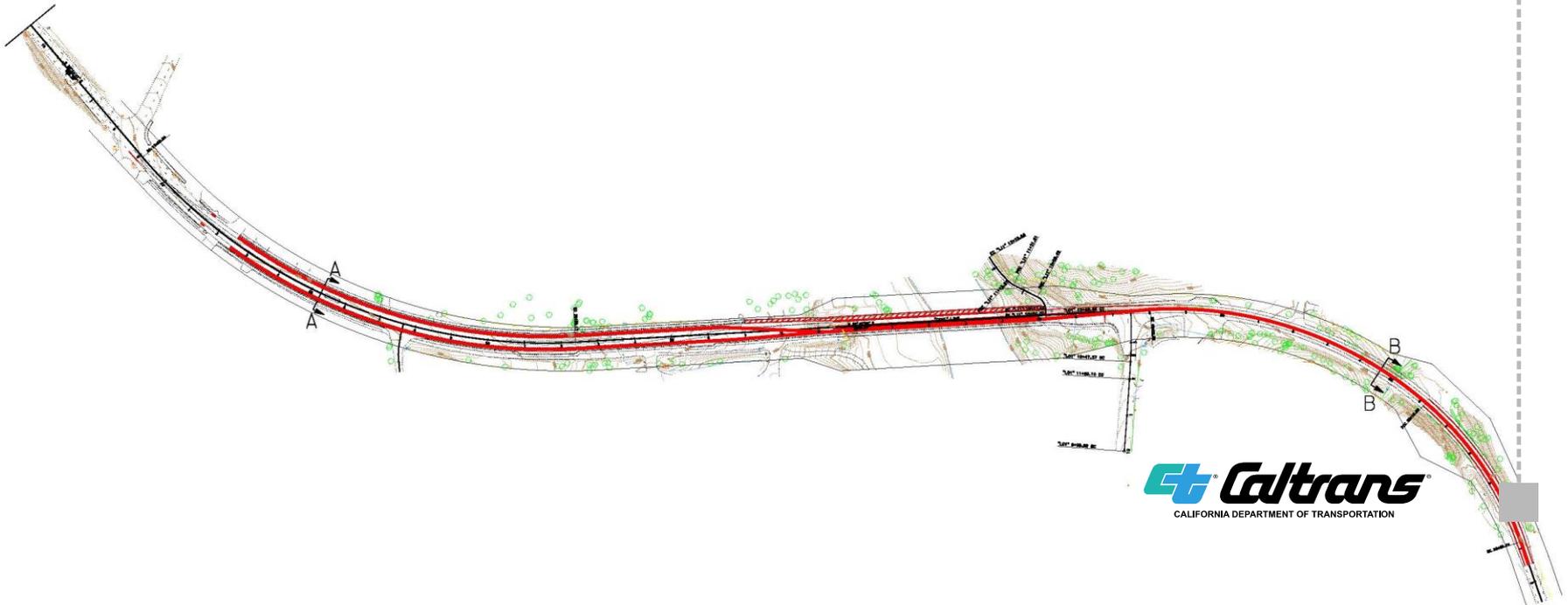
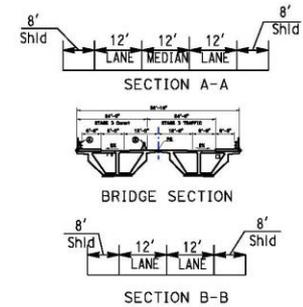


# South Fork American River Bridge Project in El Dorado County

## SOUTH FORK AMERICAN RIVER BRIDGE STAGE CONSTRUCTION & TRAFFIC HANDLING STAGE 3



 WORK AREA  
 TRAFFIC





## *South Fork American River Bridge Project in El Dorado County*

- QUESTIONS?