



**FILED**  
10-23-15  
04:59 PM

# **Exhibit B**

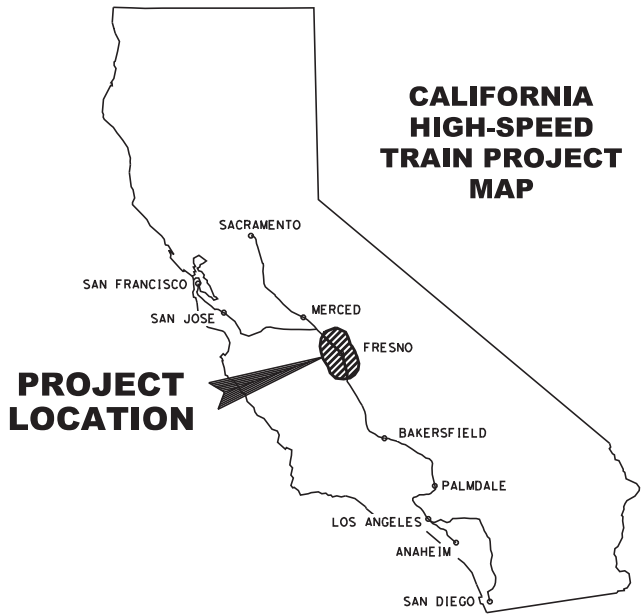
## **Project Drawings**

A1510007

### **Exhibit B1 – Vicinity Map**

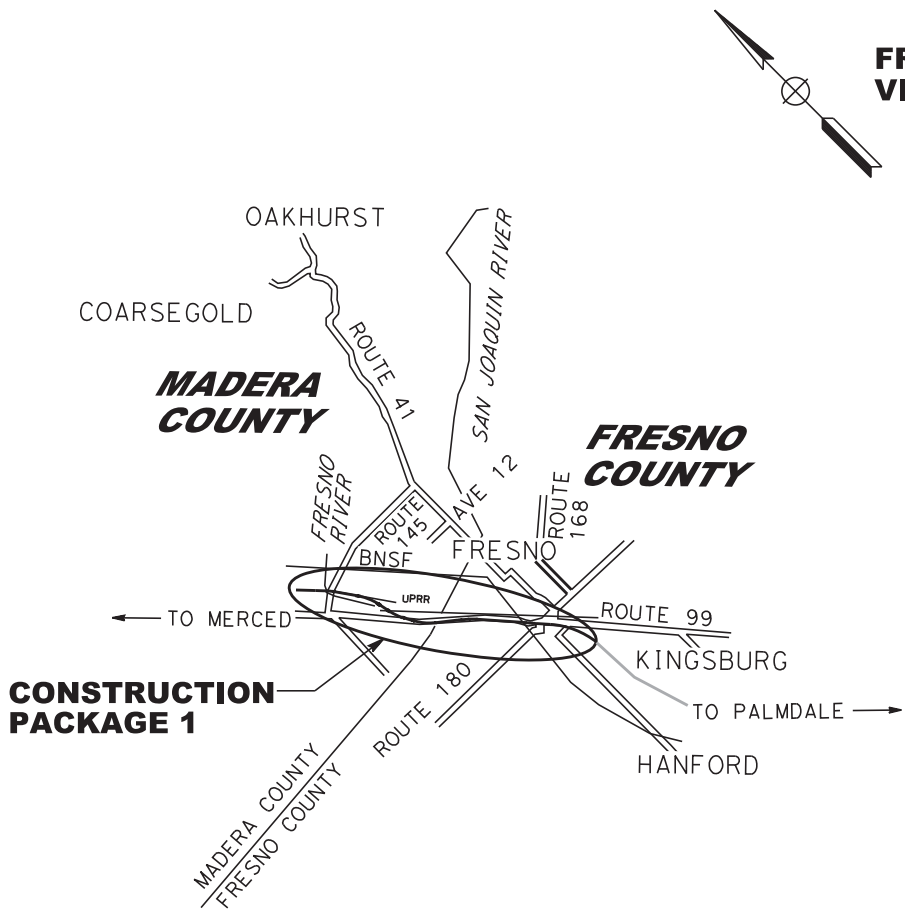


CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
CONSTRUCTION PACKAGE 1  
FRESNO RIVER VIADUCT

ESOC-002 - FOR BENT PILE  
CAPS AND COLUMNS ONLY



PROJECT LOCATION MAP



CONSTRUCTION PACKAGE 1 MAP

NOTE: UPAL REFLECTS ALL ROW UPDATES THROUGH 03/23/15.

FID: S-AS-169.8

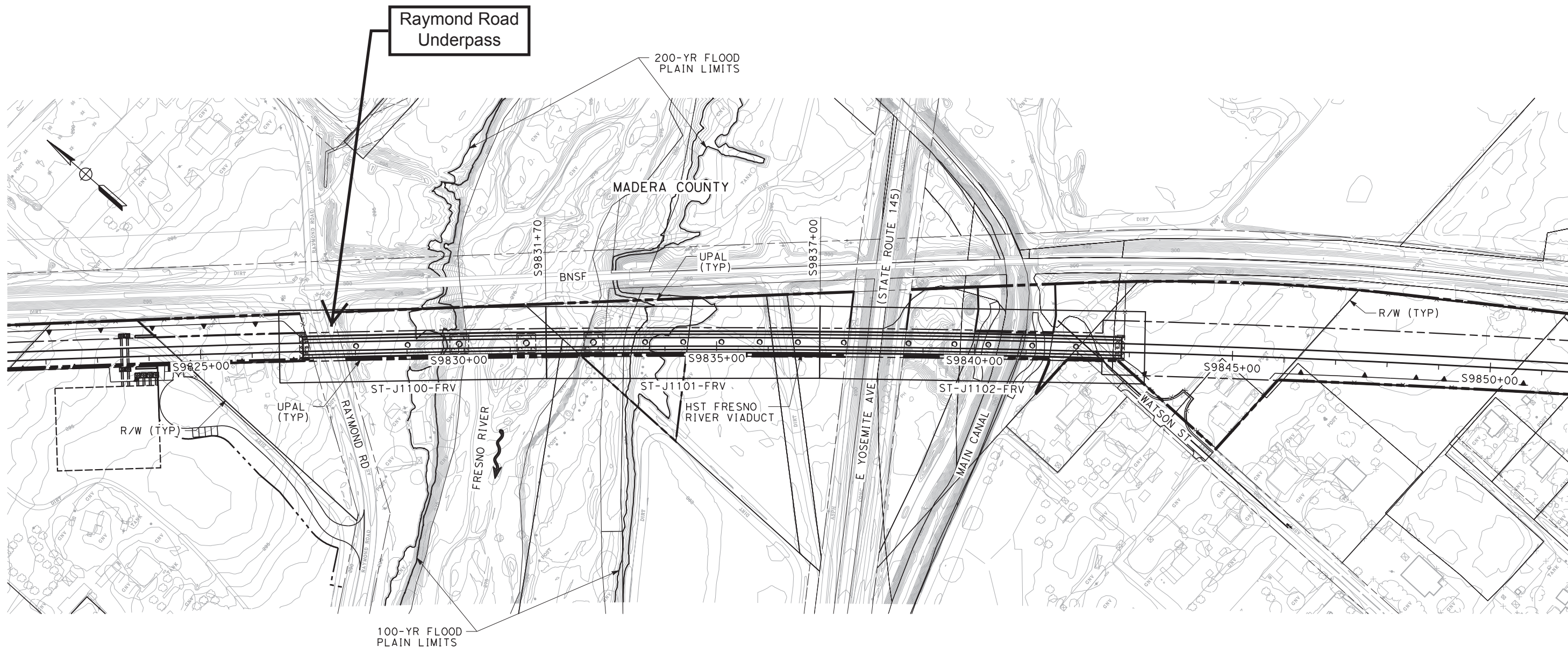
					DESIGNED BY L. JOHNSON	  	CONTRACT NO. HSR13-06
					DRAWN BY J. PATTON		DRAWING NO. ST-J0002-FRV
					CHECKED BY R. WONG		SCALE NO SCALE
					IN CHARGE L. JOHNSON		SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 06/12/2015	
b	06/12/15				ESOC - 002 - BENT PILE CAPS AND COLUMNS ONLY		
a	05/22/15				ESOC - 001 - FOUNDATIONS ONLY		
A	07/25/14				60% DESIGN SUBMITTAL		

# **Exhibit B**

## Project Drawings

### **Exhibit B2 – Structure Drawings**

6/8/2015 8:48:23 AM CHSTP.tbl CHSR\_PDF\_half\_black.plt c:\pw\_working\california\p003285a\dms47588\CP1-ST-J0030-FRV.dgn



**ESOC-002 - FOR BENT PILE CAPS AND COLUMNS ONLY**



**FID: S-AS-169.8**

REV	DATE	BY	CHK	APP	DESCRIPTION
b	06/12/15				ESOC - 002 - BENT PILE CAPS AND COLUMNS ONLY
a	05/22/15				ESOC - 001 - FOUNDATIONS ONLY
A	07/25/14				60% DESIGN SUBMITTAL

DESIGNED BY <b>L. JOHNSON</b>
DRAWN BY <b>T. ERION</b>
CHECKED BY <b>R. WONG</b>
IN CHARGE <b>L. JOHNSON</b>
DATE <b>06/12/2015</b>

CALIFORNIA HIGH-SPEED TRAIN PROJECT CP-1 AGREEMENT NO.4 HSR13-06 SUBMITTAL REVIEW IN ACCORDANCE WITH BOOK 2, PART B - GENERAL PROVISIONS - SECTION 61.2

APPROVED

SIGNED \_\_\_\_\_

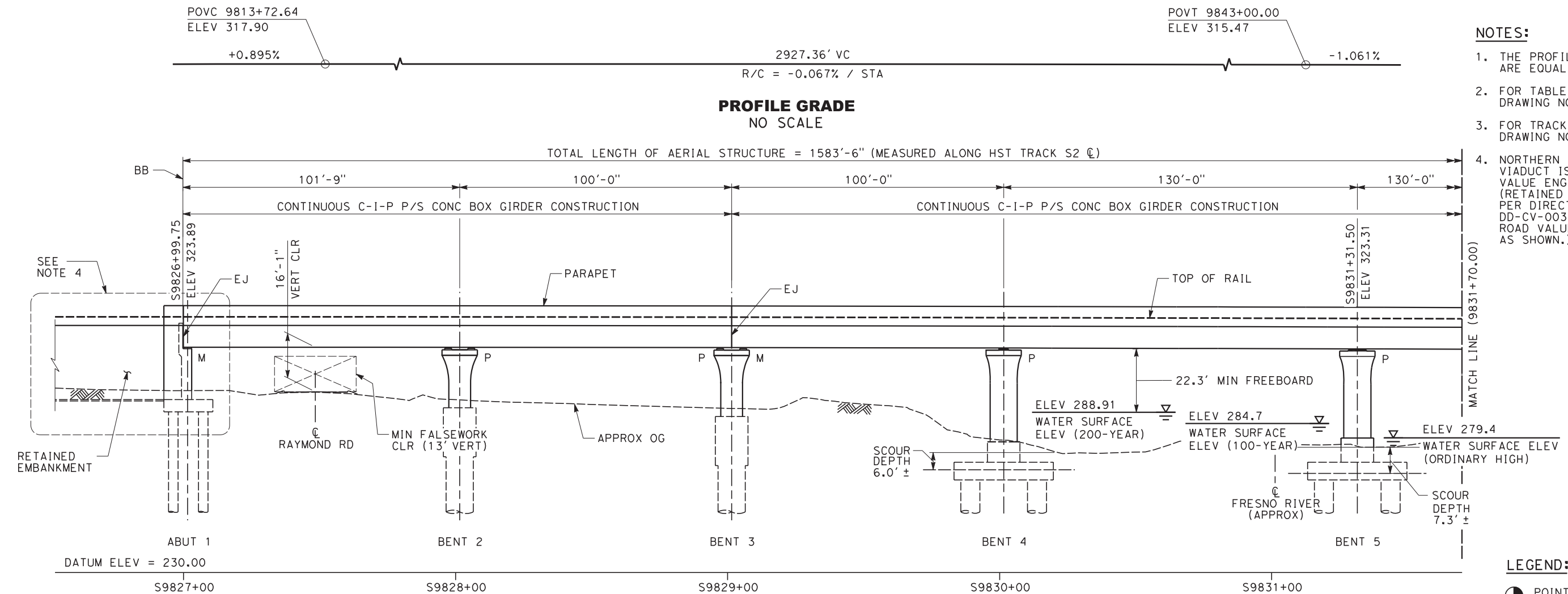
DATE \_\_\_\_\_



CALIFORNIA HIGH-SPEED TRAIN PROJECT CONSTRUCTION PACKAGE 1	
FRESNO RIVER VIADUCT KEY MAP	
CONTRACT NO. HSR13-06	DRAWING NO. ST-J0030-FRV
SCALE 1" = 100'	
SHEET NO.	



6/8/2015 8:50:19 AM CHSTP.tbl CHSR\_PDF\_half\_black.plt c:\pwworking\california\p003285a\dms47588\CP1-ST-J1100-FRV.dgn

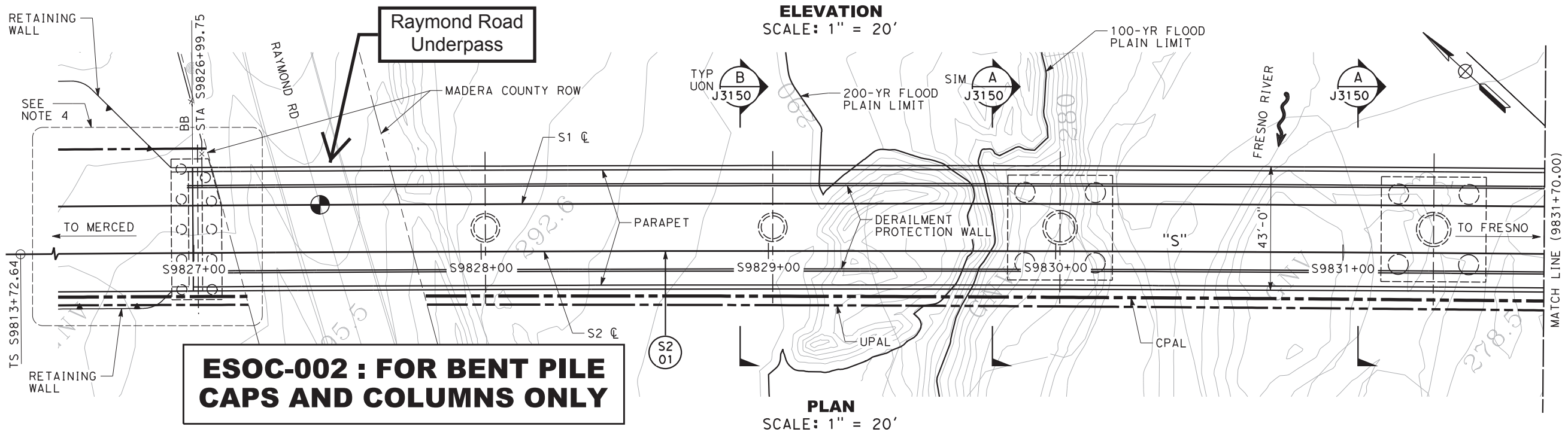


**NOTES:**

1. THE PROFILE ELEVATIONS SHOWN ARE EQUAL TO TOP OF RAIL.
2. FOR TABLE OF BENT TYPES, SEE DRAWING NO. ST-J0051-FRV.
3. FOR TRACK ALIGNMENT DATA, SEE DRAWING NO. ST-J4200-FRV.
4. NORTHERN SECTION OF THE VIADUCT IS CURRENTLY UNDER VALUE ENGINEERING REVIEW. (RETAINED EMBANKMENT SECTION PER DIRECTIVE DRAWING DD-CV-003 NORTH OF RAYMOND ROAD VALUE ENGINEERING OPTION AS SHOWN.)

**LEGEND:**

- POINT OF MINIMUM VERTICAL CLEARANCE
- P PINNED CONNECTION
- M CONNECTION IS FREE TO MOVE LONGITUDINALLY



**FID: S-AS-169.8**

REV	DATE	BY	CHK	APP	DESCRIPTION
b	06/12/15				ESOC - 002 - BENT PILE CAPS AND COLUMNS ONLY
a	05/22/15				ESOC - 001 - FOUNDATIONS ONLY
B	07/25/14				60% DESIGN SUBMITTAL
A	06/23/14				DESIGN BASELINE REPORT

DESIGNED BY L. JOHNSON
DRAWN BY J. PATTON
CHECKED BY R. WONG
IN CHARGE L. JOHNSON
DATE 06/12/2015

CALIFORNIA HIGH-SPEED TRAIN PROJECT CP-1 AGREEMENT NO.4 HSR13-06 SUBMITTAL REVIEW IN ACCORDANCE WITH BOOK 2, PART B - GENERAL PROVISIONS - SECTION 61.2

APPROVED

SIGNED \_\_\_\_\_

DATE \_\_\_\_\_

**Tutor Perini**

**ZACHRY**

**PARSONS**  
A joint venture

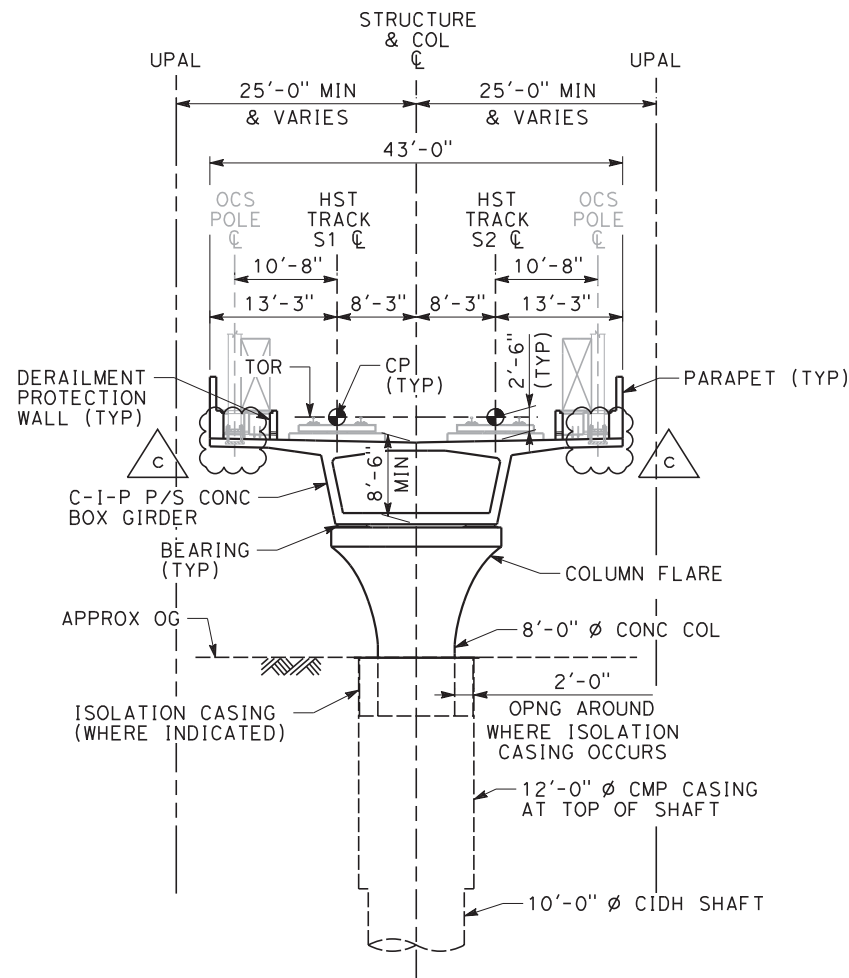
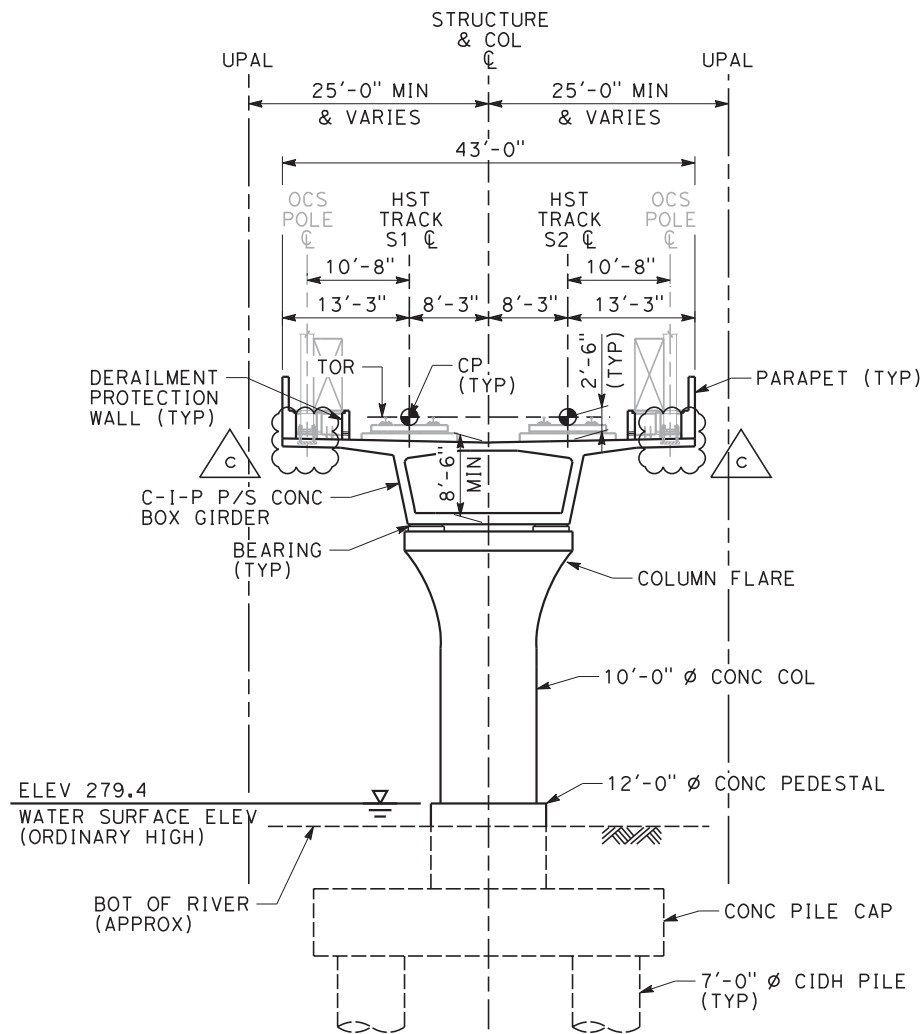


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**CONSTRUCTION PACKAGE 1**

FRESNO RIVER VIADUCT  
GENERAL PLAN AND ELEVATION  
SHEET 1 OF 3

CONTRACT NO. HSR13-06
DRAWING NO. ST-J1100-FRV
SCALE AS SHOWN
SHEET NO.

p003285a 8/17/2015 7:17:00 AM CHSTP.tbl CHSR\_PDF\_half\_black.plt c:\pw\_working\california\p003285a\dms54203\CP1-ST-J3150-FRV.dgn



**NOTE:**

- THE FOLLOWING ITEMS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY AND ARE NOT INCLUDED IN THE CONTRACT:
  - OCS POLES, ANCHOR BOLT ASSEMBLIES, BASE PLATES AND GROUT PAD.
  - CABLE TROUGH PRE-CAST COVERS, INTERMEDIATE WALLS AND BASE SLABS.
  - DIRECT FIXATION RAIL SYSTEM AND TRACK SLAB.
- FOR TABLE OF BENT TYPES, SEE DRAWING NO. ST-J0051-FRV.

**ESOC-002 - FOR BENT PILE CAPS AND COLUMNS ONLY**

REGISTERED PROF.  
ENGINEER CERTIFIES  
REVISION c ONLY

**FID: S-AS-169.8**

REV	DATE	BY	CHK	APP	DESCRIPTION
c	07/24/15				ESOC - 002 - REVISION
b	06/12/15				ESOC - 002 - BENT PILE CAPS AND COLUMNS ONLY
a	05/22/15				ESOC - 001 - FOUNDATIONS ONLY
B	07/25/14				60% DESIGN SUBMITTAL
A	06/23/14				DESIGN BASELINE REPORT

DESIGNED BY <b>L. JOHNSON</b>
DRAWN BY <b>J. PATTON</b>
CHECKED BY <b>R. WONG</b>
IN CHARGE <b>L. JOHNSON</b>
DATE <b>07/24/2015</b>

ORIGINAL DRAWING  
BEARS THE  
REGISTERED  
PROFESSIONAL  
ENGINEER SEAL  
NO. C44006 AND  
SIGNATURE OF  
L.M. JOHNSON

CALIFORNIA HIGH-SPEED TRAIN PROJECT CP-1 AGREEMENT NO.4 HSR13-06 SUBMITTAL REVIEW IN ACCORDANCE WITH BOOK 2, PART B - GENERAL PROVISIONS - SECTION 61.2
APPROVED
SIGNED _____
DATE _____



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
CONSTRUCTION PACKAGE 1**

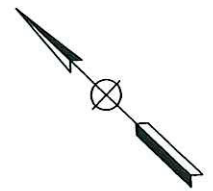
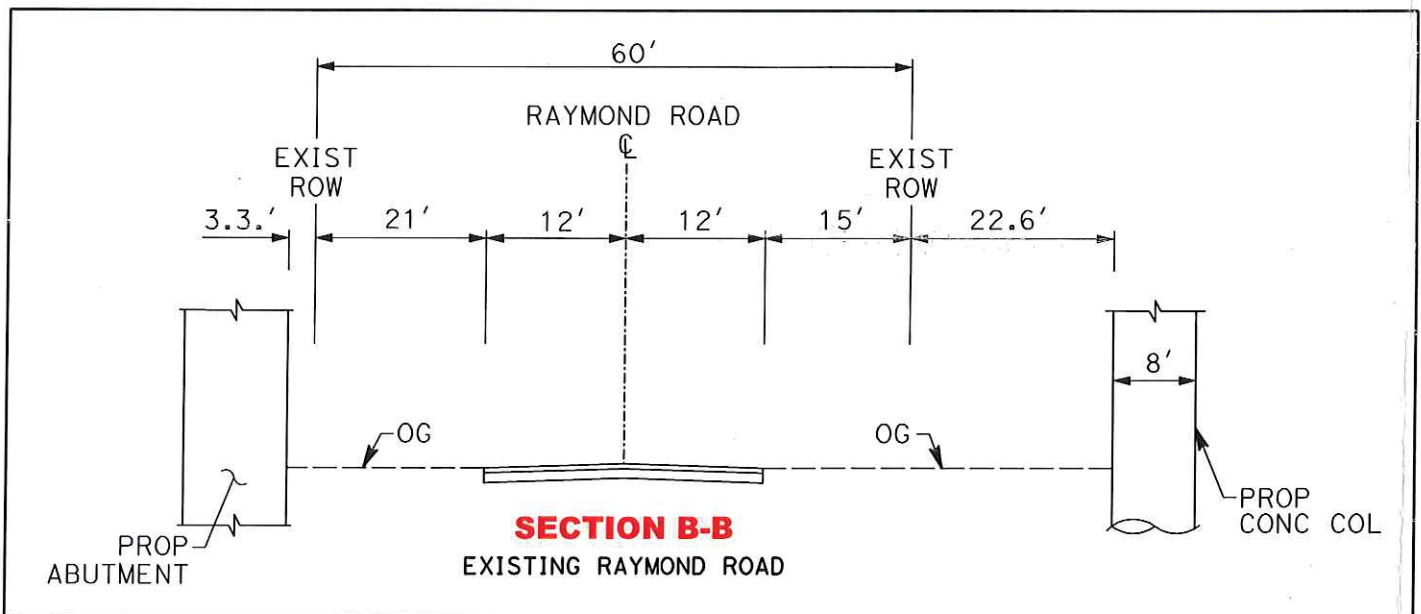
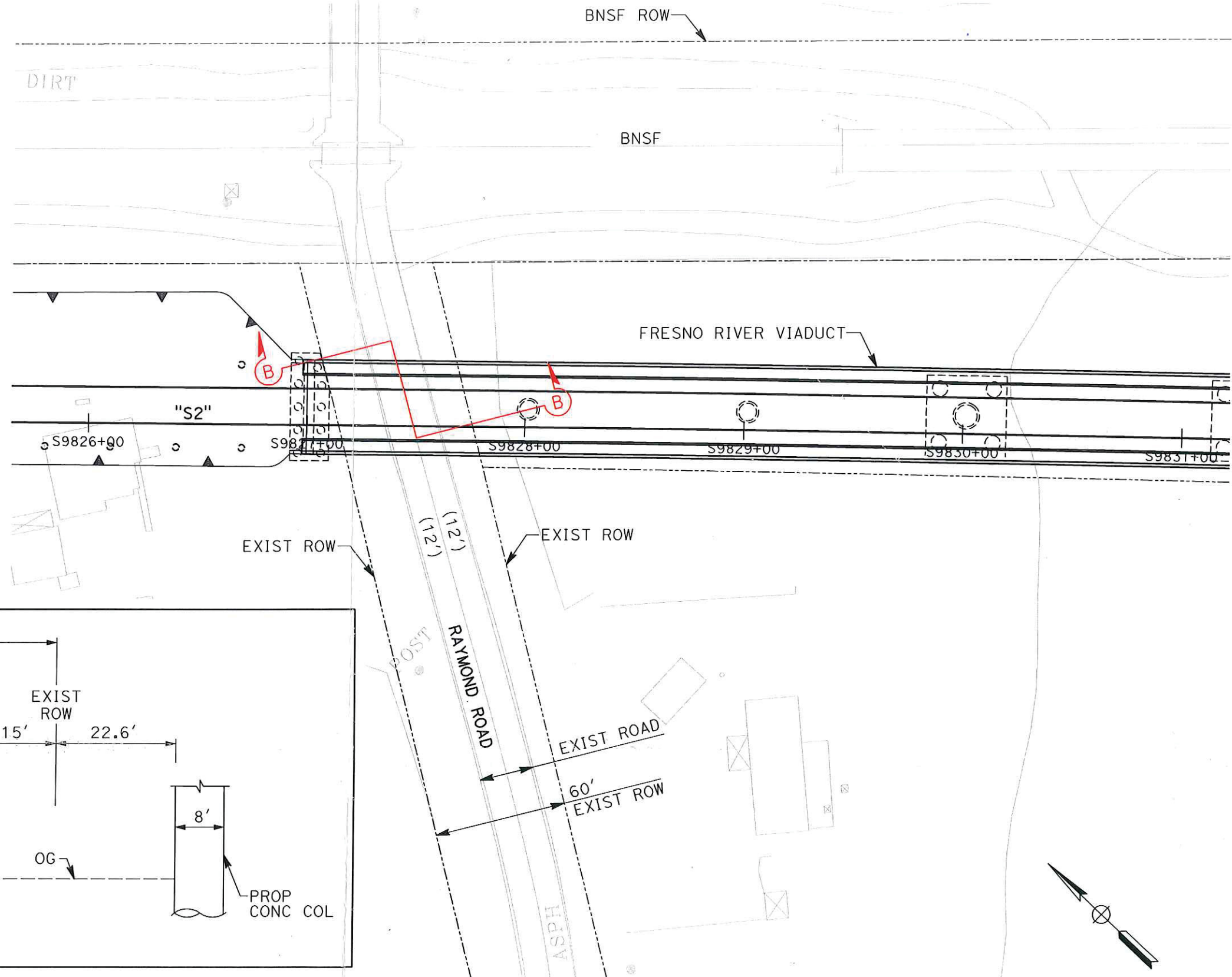
FRESNO RIVER VIADUCT  
TYPICAL SECTIONS

CONTRACT NO. <b>HSR13-06</b>
DRAWING NO. <b>ST-J3150-FRV</b>
SCALE <b>1" = 10'-0</b>
SHEET NO.

**Exhibit B**  
Project Drawings

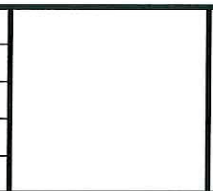
**Exhibit B3 – Roadway Drawings**

p009499a 2/25/2015 9:01:32 AM CHSTP.tbl AA STRIPMAP ONLY.plt c:\pw\_working\california\p009499a\dms09477\Existing Raymond Road Exhibit.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE
DATE
02/24/2015



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

RAYMOND ROAD  
EXISTING CROSS-SECTION EXHIBIT

CONTRACT NO.
HSR13-06
DRAWING NO.
SCALE
1"=25'
SHEET NO.



# **Exhibit B**

## Project Drawings

### **Exhibit B4 – Guideway Drawings**

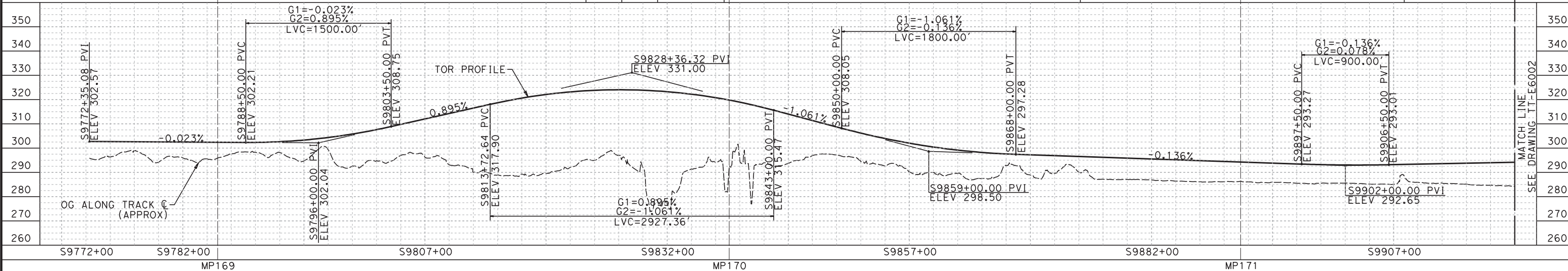
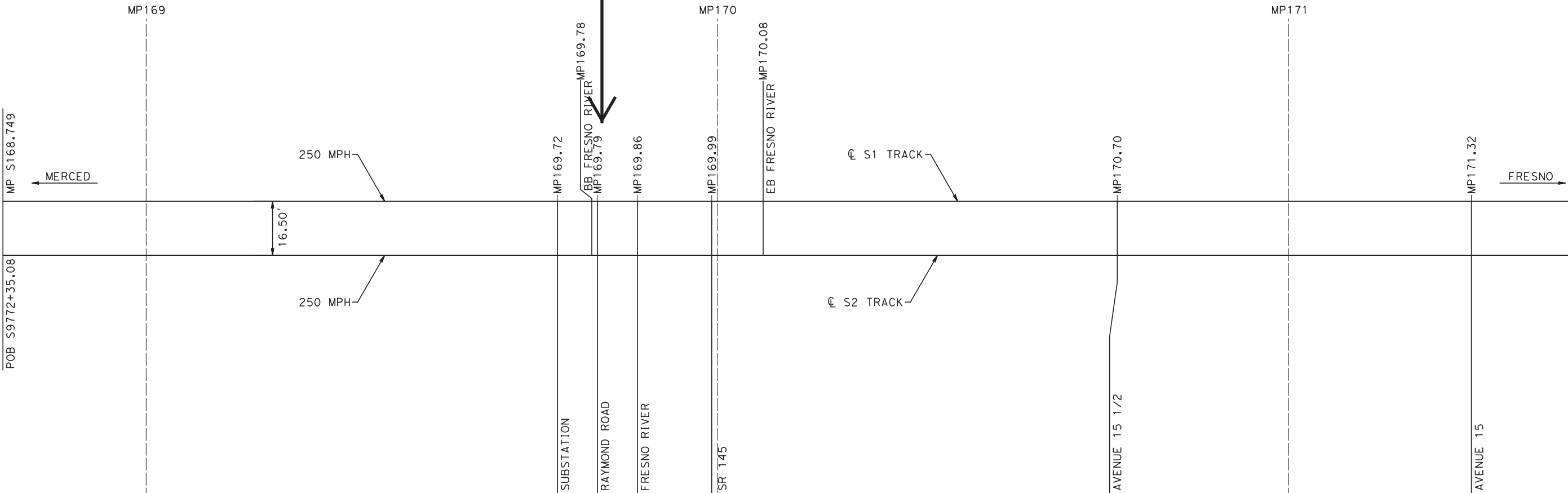
p005136A 1/25/2015 9:15:58 PM CHSTP.tbl CHSR\_PDF\_half\_black.plt c:\pwworking\california\p005136a\dms07895\TT-E6001.dgn

NOTE:

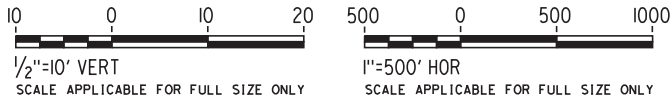
INFORMATION SHOWN ON TRACKCHART OTHER THAN TRACKWORK SHALL BE USED AS GUIDANCE, AND IS FOR INFORMATION ONLY.

Raymond Road Underpass

ALIGNMENT



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION
B	01/30/15				90% GUIDEWAY STA 9772+35.08 TO 10304+00.00
A	09/29/14				60% GUIDEWAY STA 9772+35.08 TO 10304+00.00

DESIGNED BY A. SOBOLEWSKA
DRAWN BY A. SOBOLEWSKA
CHECKED BY E. CASTELINO
IN CHARGE S. GOOLLA
DATE 01/30/2015

90% SUBMITTAL

NOT FOR CONSTRUCTION

Tutor Perini

ZACHRY

PARSONS

A joint venture



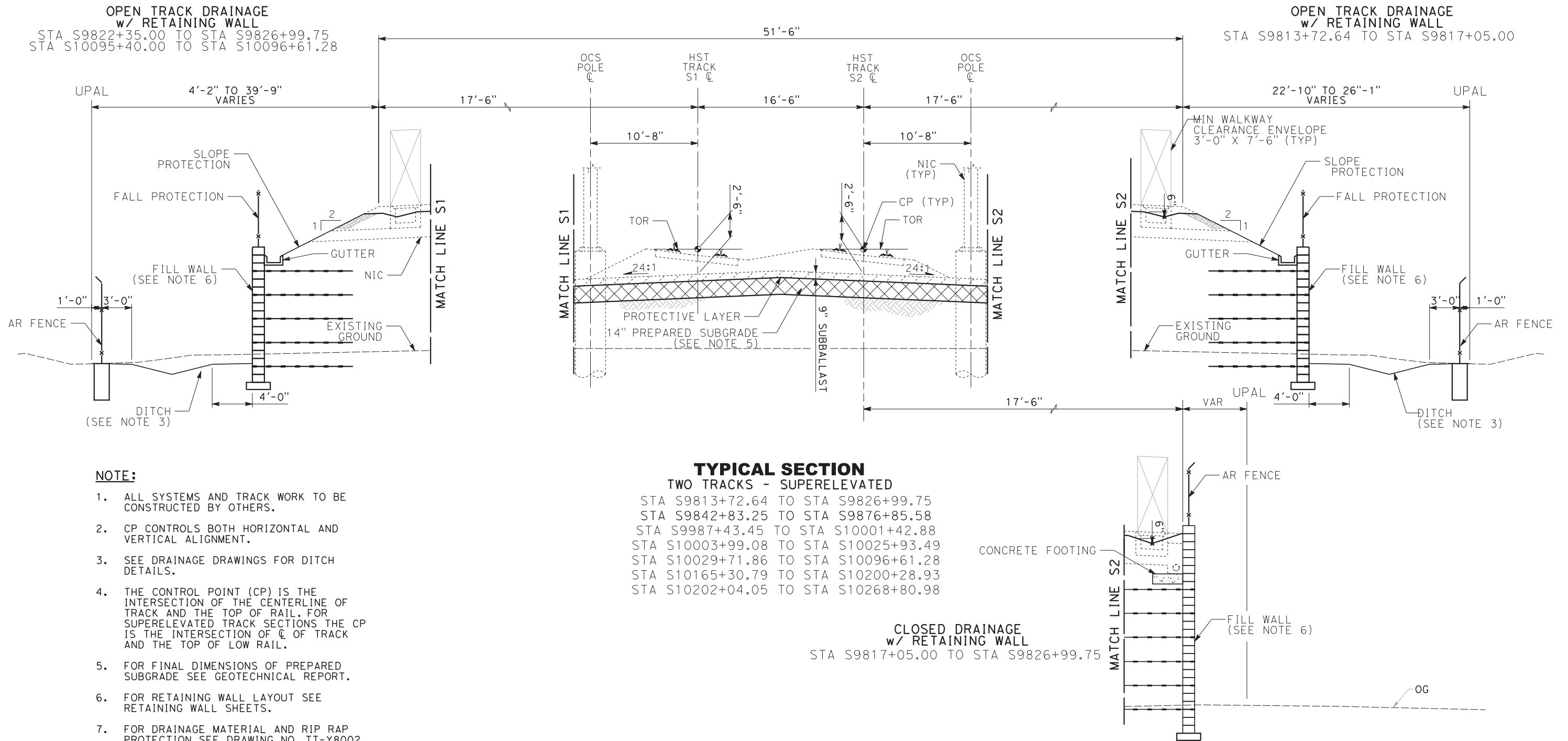
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
CONSTRUCTION PACKAGE 1

TRACK CHART  
SHEET 1 OF 4

CONTRACT NO. HSR13-06
DRAWING NO. TT-E6001
SCALE AS SHOWN
SHEET NO.

CHSR\_PDF\_half\_black.plt:chsr\_working\california\p005136a\dms07895\TT-D3006.dgn 1/26/2015 12:37:39 PM CHSTP.tbl P005136A



REV	DATE	BY	CHK	APP	DESCRIPTION
C	01/30/15				90% GUIDEWAY STA 9772+35.08 TO 10304+00.00
B	09/29/14				60% GUIDEWAY STA 9772+35.08 TO 10304+00.00
A	06/23/14				DESIGN BASELINE REPORT

DESIGNED BY A. FERNANDEZ
DRAWN BY A. FERNANDEZ
CHECKED BY E. CASTELINO
IN CHARGE S. GOOLLA
DATE 01/30/2015

90% SUBMITTAL

NOT FOR  
CONSTRUCTION

TutorPerini

ZACHRY

PARSONS

A joint venture



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
CONSTRUCTION PACKAGE 1

TRACK TYPICAL SECTION  
SHEET 6 OF 11

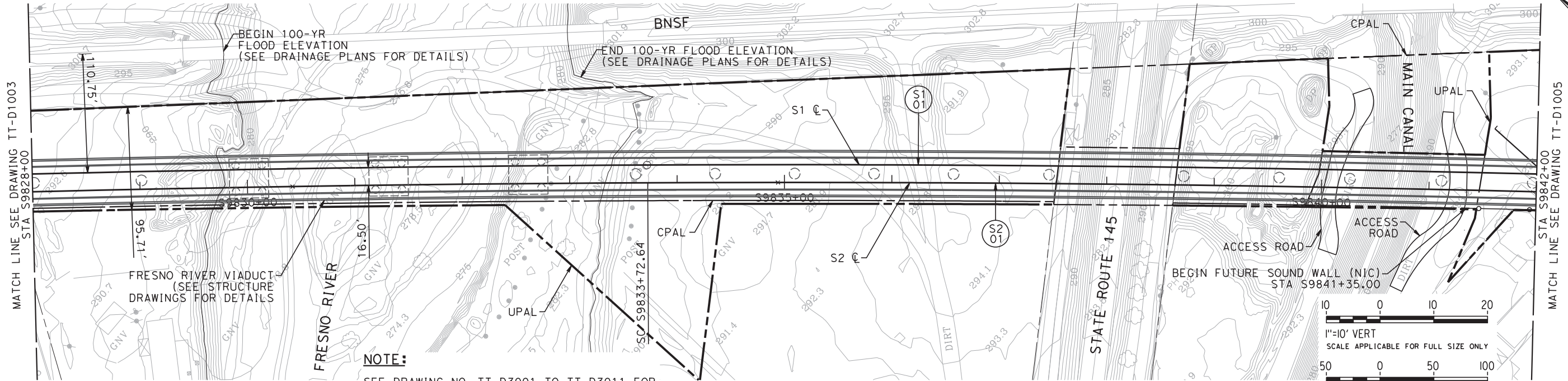
CONTRACT NO. HSR13-06
DRAWING NO. TT-D3006
SCALE 1" = 5'
SHEET NO. 6 OF 11





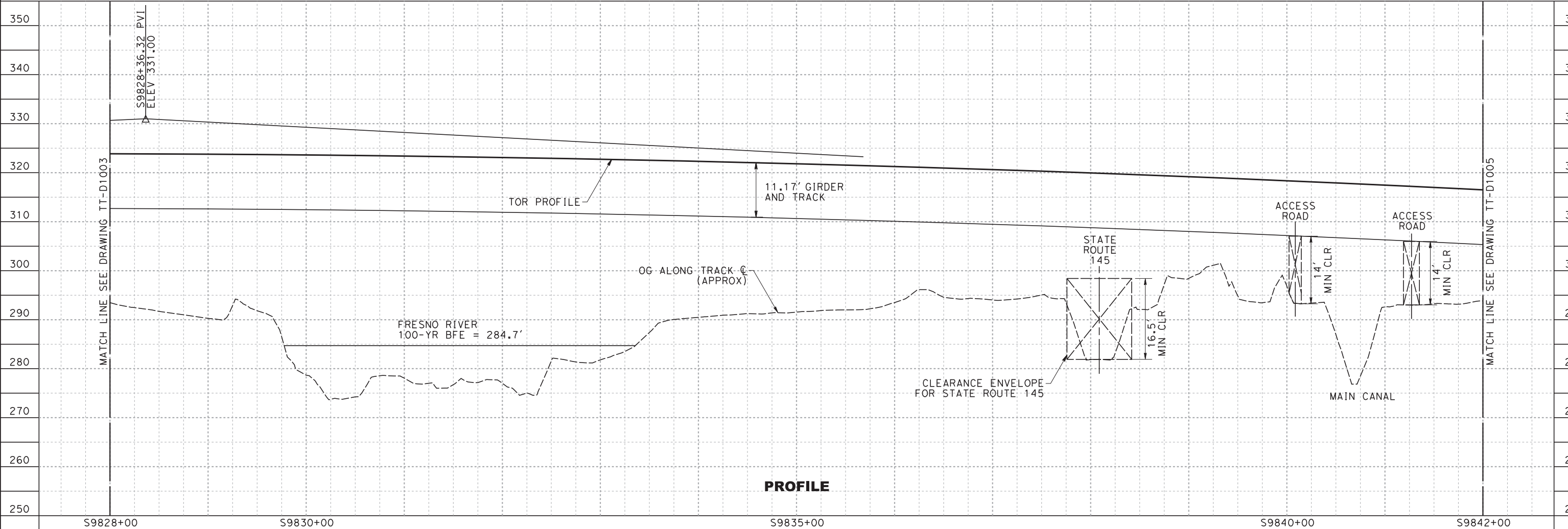
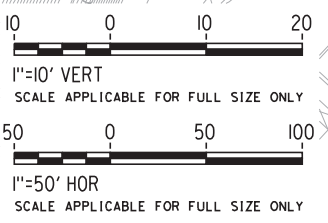
1/25/2015 8:44:22 PM CHSTP.tbl CHSR\_PDF\_half\_black.plt c:\pwworking\california\p005136a\dms07895\TT-D1004.dgn p005136a

MADERA COUNTY



NOTE:  
SEE DRAWING NO. TT-D3001 TO TT-D3011 FOR  
TYPICAL SECTIONS.

PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION
C	01/30/15				90% GUIDEWAY STA 9772+35.08 TO 10304+00.00
B	09/29/14				60% GUIDEWAY STA 9772+35.08 TO 10304+00.00
A	06/23/14				DESIGN BASELINE REPORT

DESIGNED BY A. FERNANDEZ
DRAWN BY A. SOBOLEWSKA
CHECKED BY E. CASTELINO
IN CHARGE S. GOOLLA
DATE 01/30/2015

90% SUBMITTAL

NOT FOR  
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
CONSTRUCTION PACKAGE 1

TRACK GUIDEWAY  
STA 9828+00 TO 9842+00  
PLAN AND PROFILE

CONTRACT NO. HSR13-06
DRAWING NO. TT-D1004
SCALE AS SHOWN
SHEET NO.