

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT
2	Sho		

MWH AMERICAS, INC.  
3321 POWER INN ROAD, SUITE 300  
SACRAMENTO, CA 95826-3889

MGE ENGINEERING, INC.  
7415 GREENHAVEN DRIVE, SUITE 100  
SACRAMENTO, CA 95831

DESIGNED BY G. XU	DATE 7/1/2008
DRAWN BY P. ZHOU	DATE 7/1/2008
CHECKED BY R. SENNETT	DATE 7/1/2008
APPROVED R. SENNETT	DATE 7/1/2008

PROJECT ENGINEER GUOPING XU	<b>ADVANCE PLANNING STUDY</b>
<b>MCCLLOUD RIVER BRIDGE</b>	
BRIDGE NO. AS SHOWN	<b>Plate 29</b>

Plate 29. McCloud River Bridge – Elevation, Plan, and Section

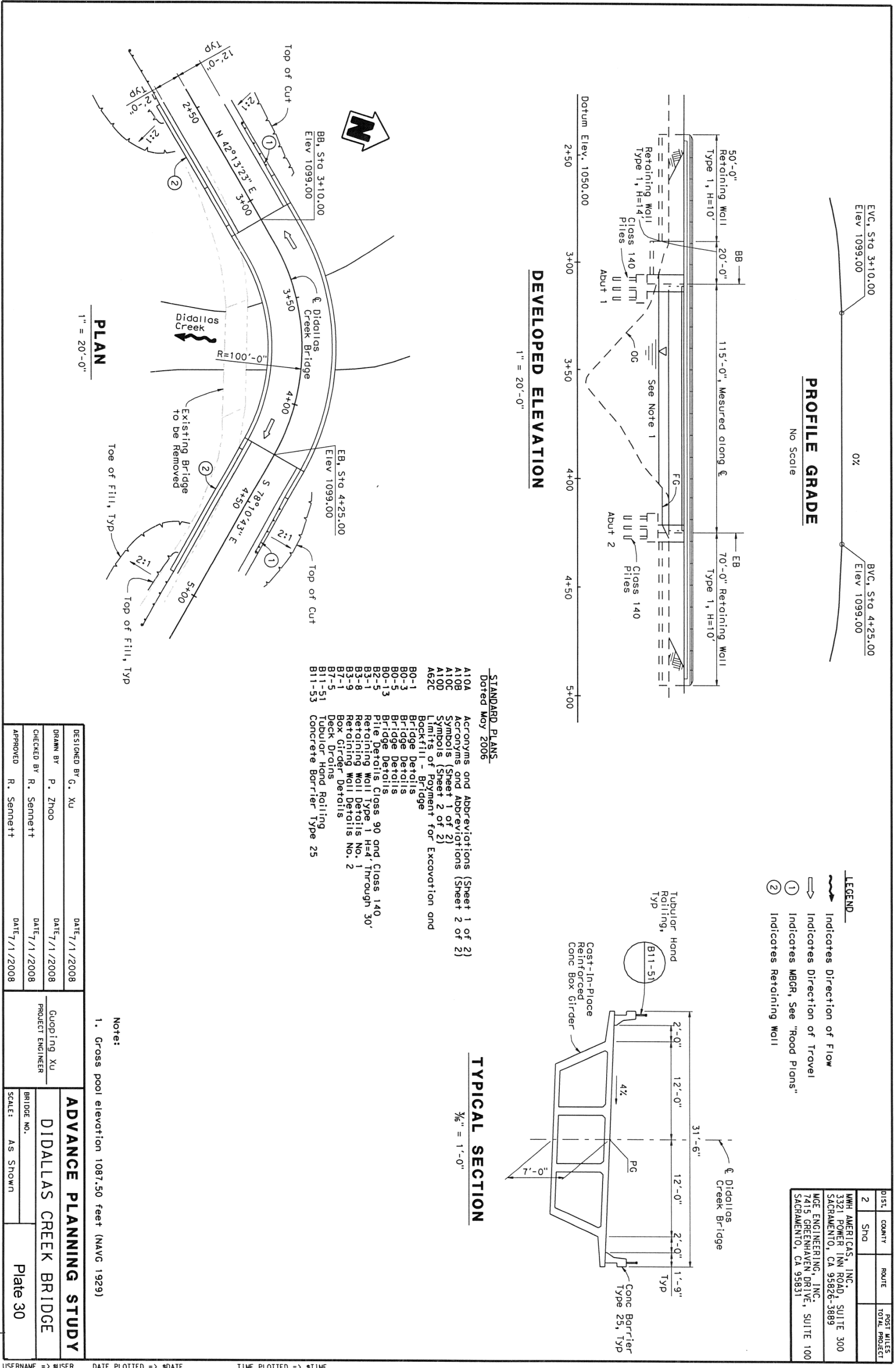


Plate 30. Didallas Creek Bridge – Elevation, Plan, and Section

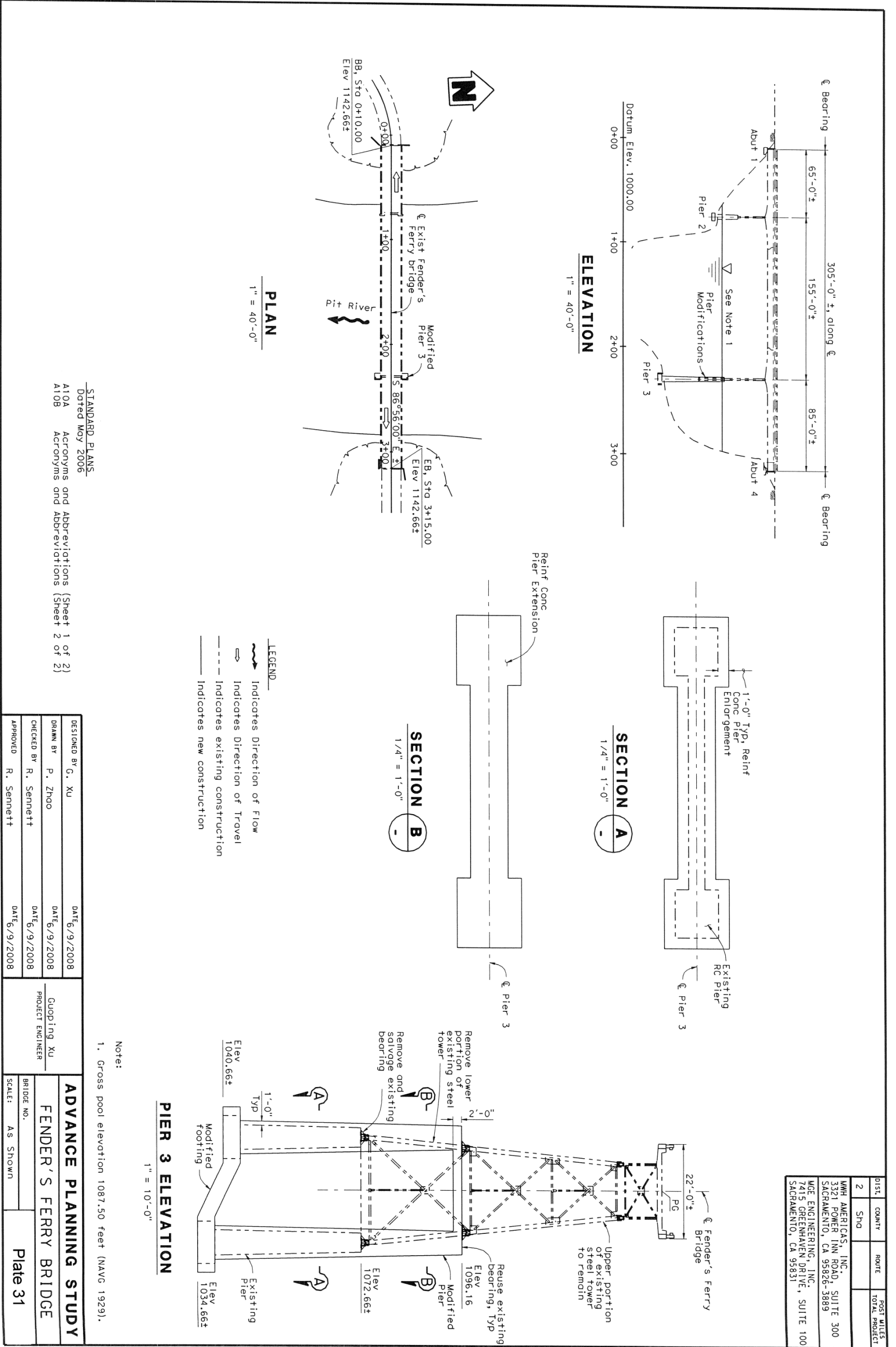


Plate 31. Fender's Ferry Bridge – Elevation, Plan, and Section

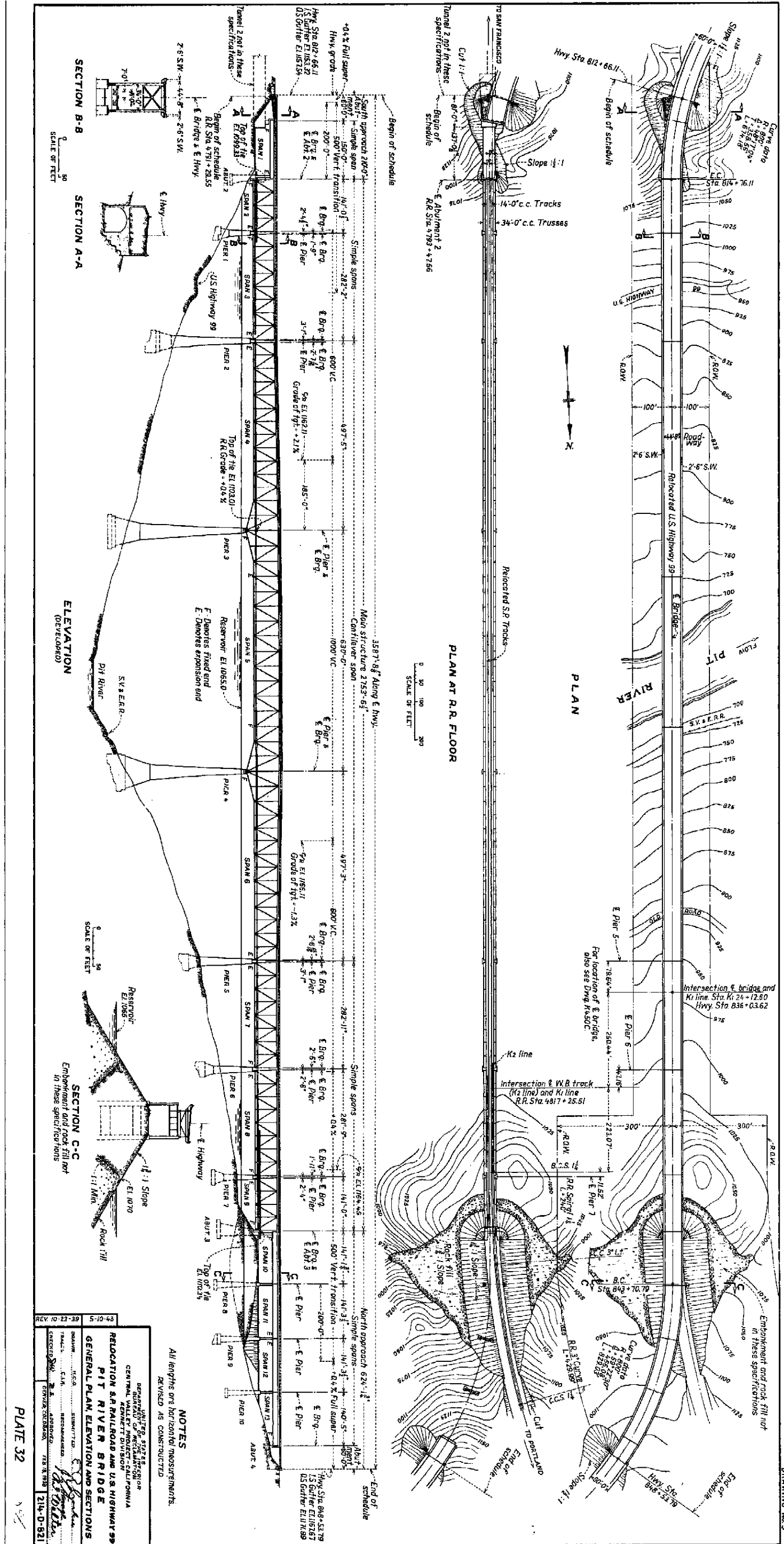


Plate 32. Pit River Bridge - Existing Plan and Profile

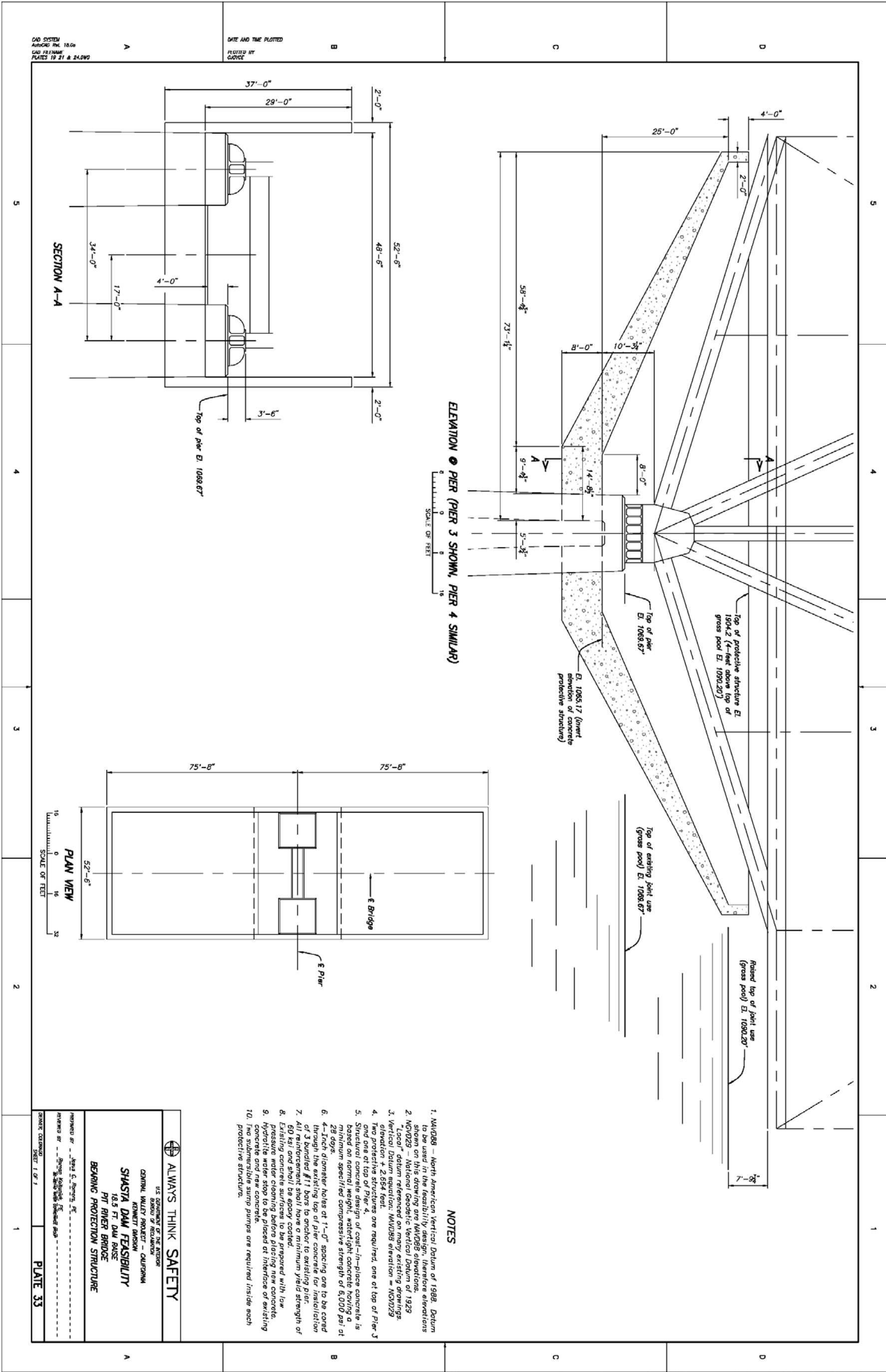


Plate 33. Pit River Bridge – Bearing Protection Structure

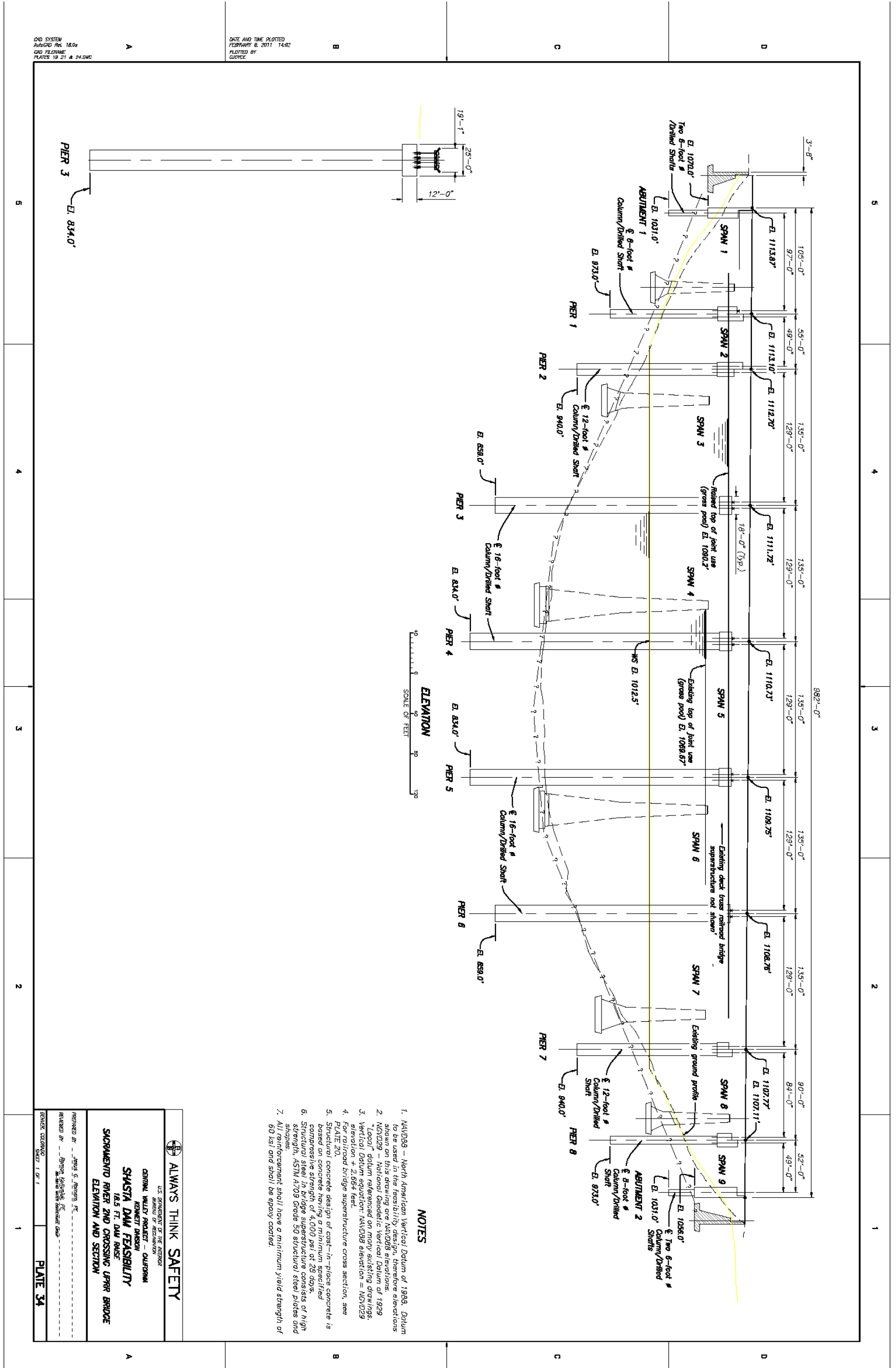


Plate 34. Sacramento River 2<sup>nd</sup> Crossing UPRR Bridge – Elevation and Section

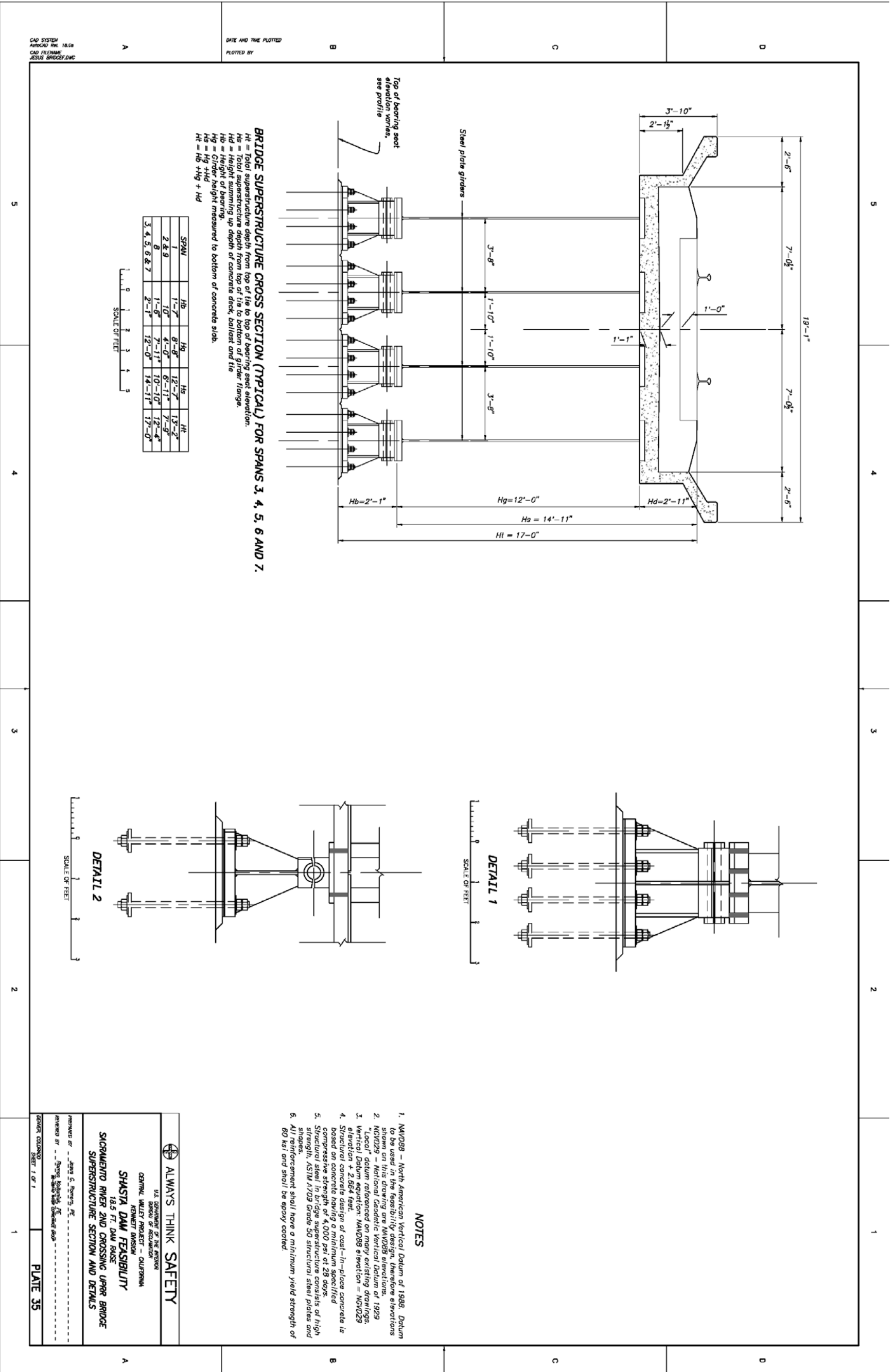
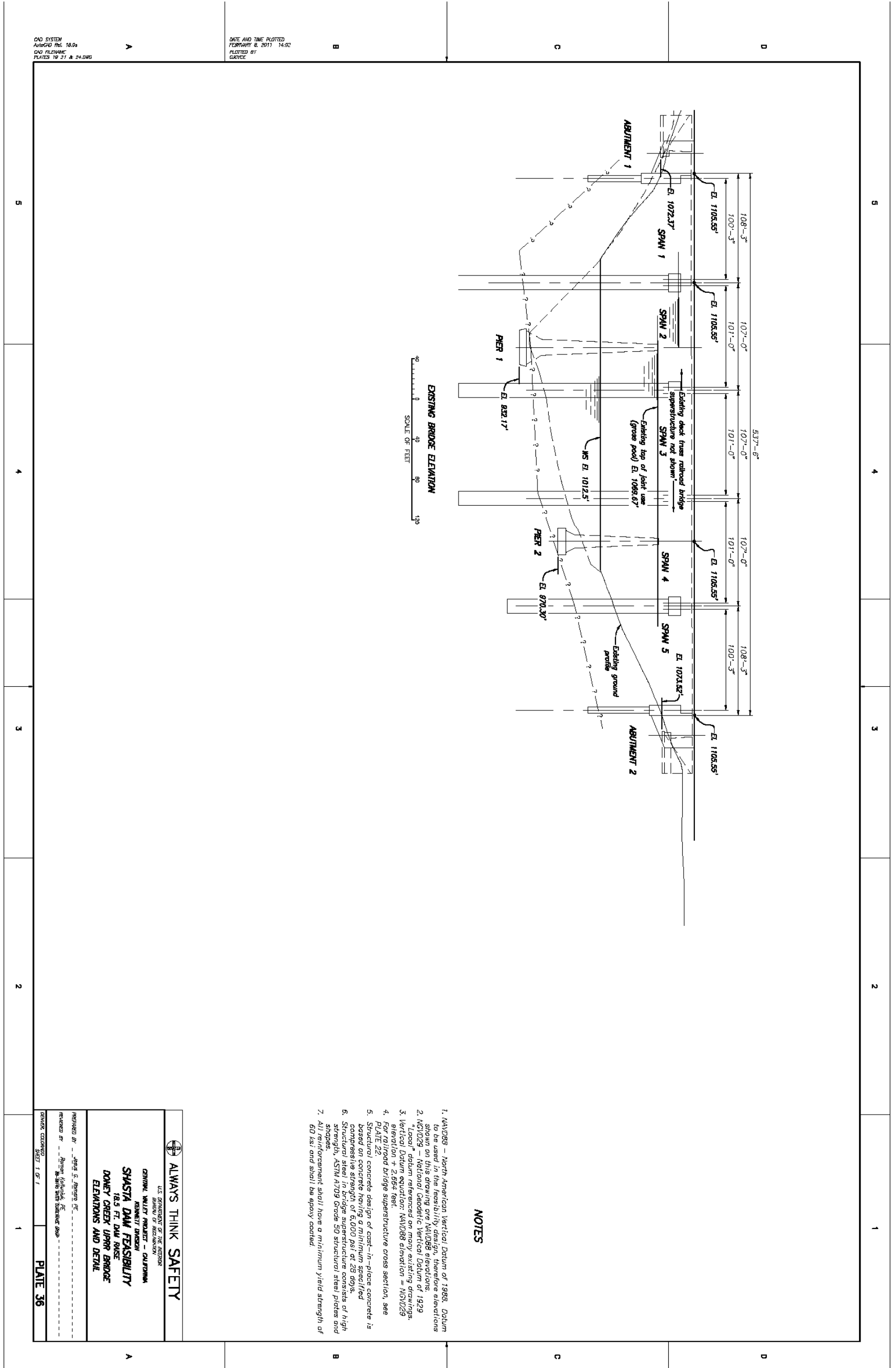


Plate 35. Sacramento River 2<sup>nd</sup> Crossing UPRR Bridge – Section and Details



**NOTES**

1. NAVD83 – North American Vertical Datum of 1989. Datum to be used in the feasibility design, therefore elevations shown on this drawing are NAVD83 elevations.
2. NGVD29 – National Geodetic Vertical Datum of 1929. Local datum referenced on many existing drawings. Vertical Datum equivalent: NAVD83 elevation = N51029 elevation + 2.064 feet.
3. For railroad bridge superstructure cross section, see DATE 421.
4. Structural concrete design of cast-in-place concrete is based on concrete having a minimum specified compressive strength of 6,000 psi at 28 days.
5. Structural steel in bridge superstructure consists of high strength, ASTM A709 Grade 50 structural steel plates and shapes.
6. All reinforcement shall have a minimum yield strength of 60 ksi and shall be epoxy coated.

CAD SYSTEM  
AutoCAD Rev. 10.0a  
CAD FILENAME  
PLATES 10-31 & 34.DWG

DATE AND TIME PLOTTED  
FEBRUARY 8, 2011 14:02  
PLOTTED BY  
GUYTON

**ALWAYS THINK SAFETY**

U.S. DEPARTMENT OF THE INTERIOR  
CENTRAL WILLET PROJECT – CALIFORNIA  
NORMAN BYRNE  
**SHASTA DAM FEASIBILITY**  
18.5 FT. DAM RAISE  
**DONEY CREEK UPRR BRIDGE**  
ELEVATIONS AND DETAIL

PREPARED BY: Aris G. Ramirez, PE  
REVIEWED BY: Aron Kalkreuth, PE  
DESIGN CHECKED BY: Aron Kalkreuth, PE  
SHEET 1 OF 1

**PLATE 36**

**Plate 36. Doney Creek UPRR Bridge – Elevations and Detail**



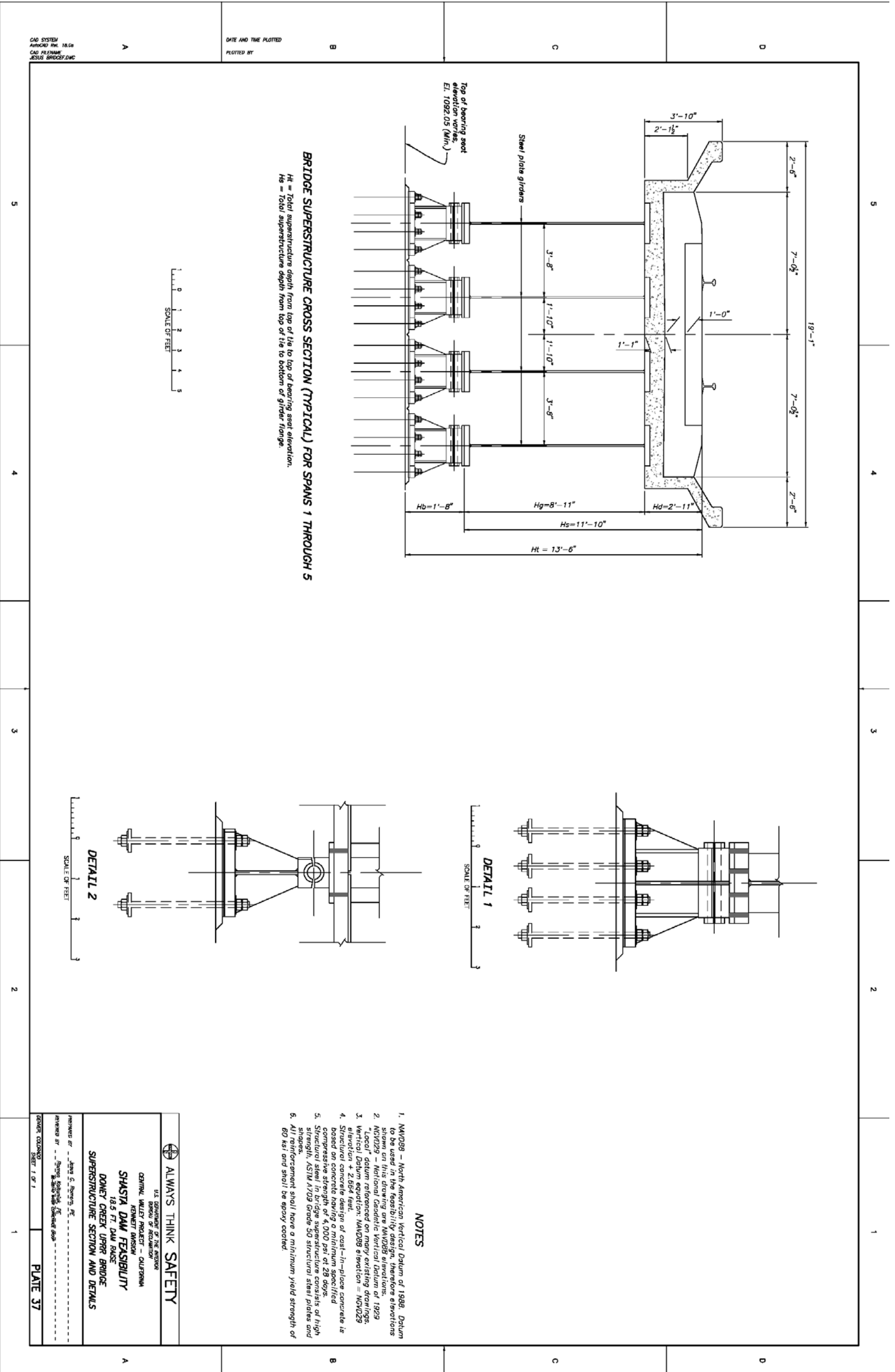


Plate 37. Doney Creek UPRR Bridge – Section and Details

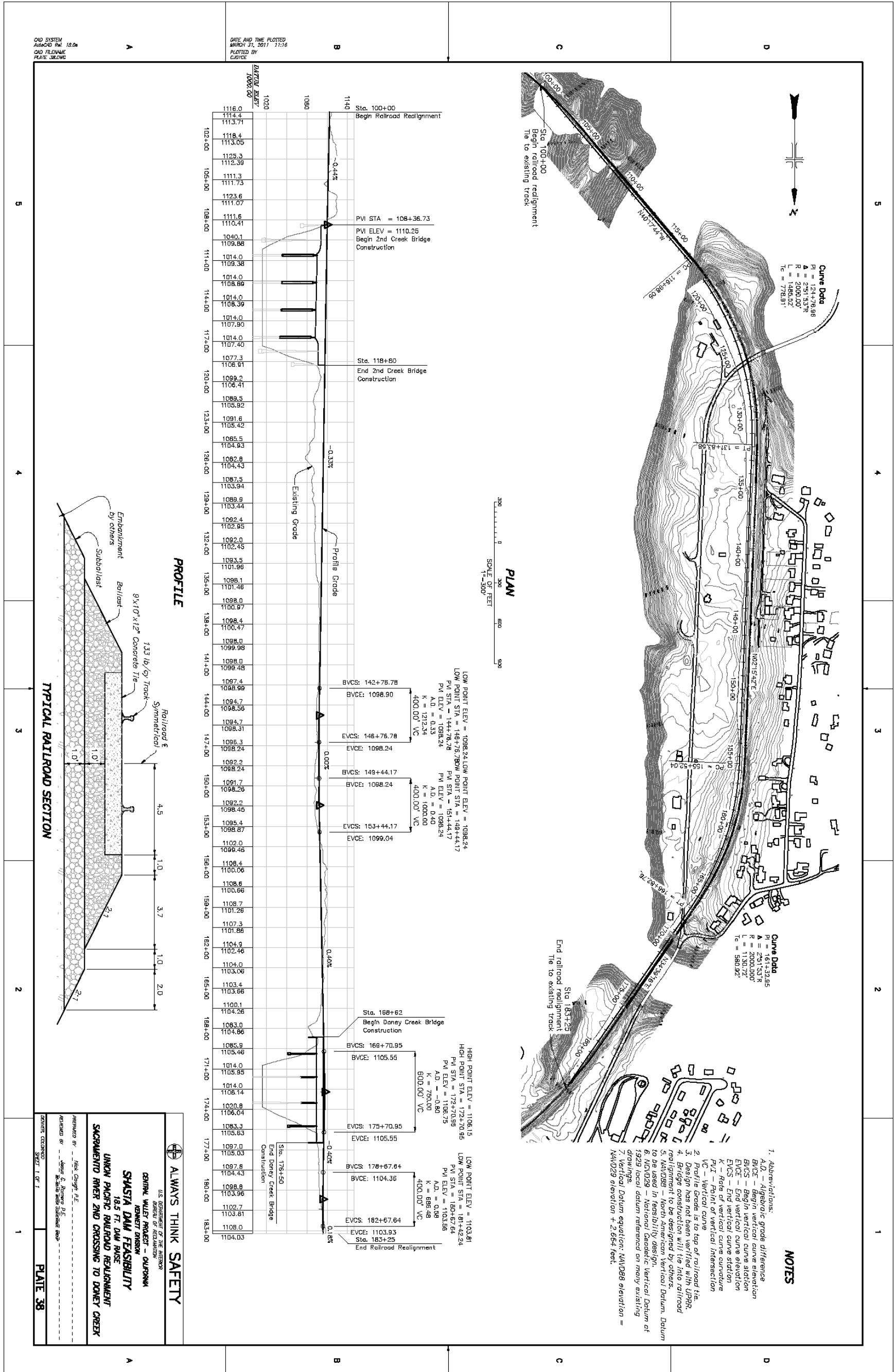
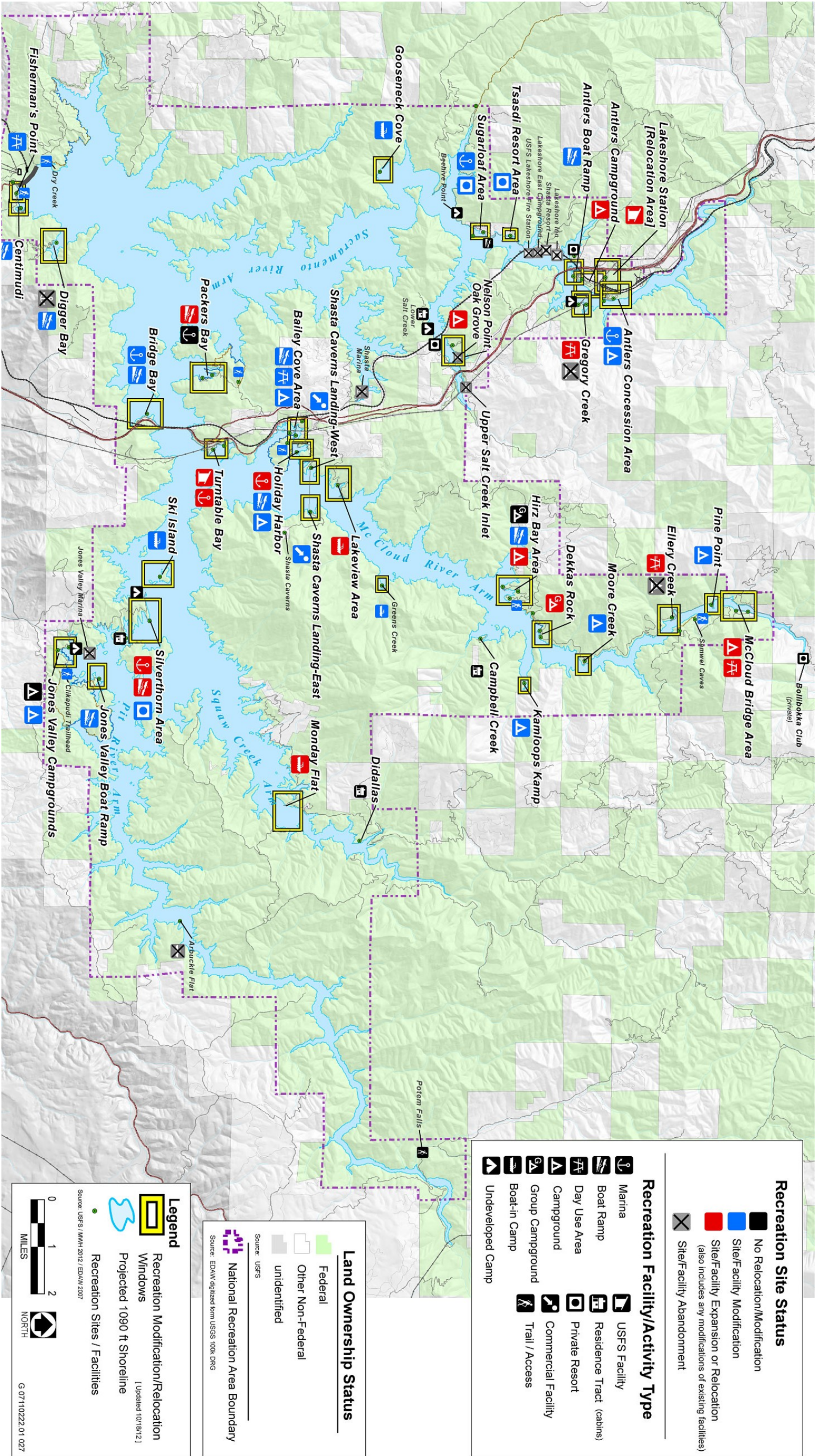


Plate 38. Union Pacific Railroad Realignment – Sacramento River 2<sup>nd</sup> Crossing to Doney Creek





**Recreation Site Status**

- No Relocation/Modification
- Site/Facility Modification
- Site/Facility Expansion or Relocation (also includes any modifications of existing facilities)
- ✕ Site/Facility Abandonment

**Recreation Facility/Activity Type**

- ⚓ Marina
- ⚓ Boat Ramp
- ⚓ Day Use Area
- ⚓ Campground
- ⚓ Group Campground
- ⚓ Boat-in Camp
- ⚓ Undeveloped Camp
- 🏠 USFS Facility
- 🏠 Residence Tract (cabins)
- 🏠 Private Resort
- 🏠 Commercial Facility
- 🏠 Trail / Access

**Land Ownership Status**

- 🌿 Federal
- 🏠 Other Non-Federal
- ⚪ unidentified

Source: USFS  
National Recreation Area Boundary  
Source: EDAM digitized from USGS 100k DRG

**Legend**

- 📐 Recreation Modification/Relocation Windows
- 📐 Projected 1090 ft Shoreline
- Recreation Sites / Facilities

Source: USFS / MMH 2012 / EDAM 2007

0 1 2  
MILES

🏠 NORTH

G 07110222.01 027

Plate 39. Recreation Site Status