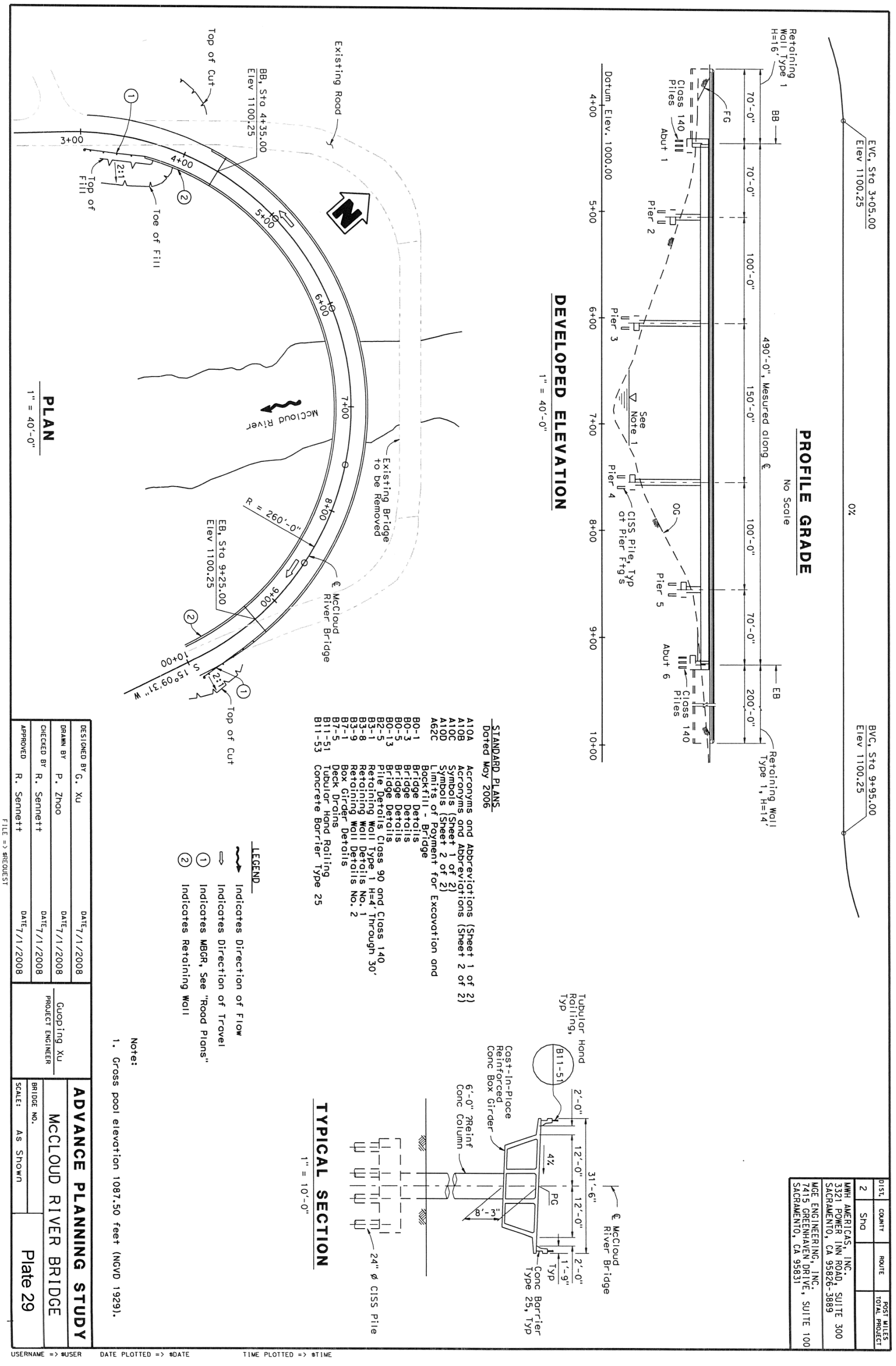


Plate 29. McCloud River Bridge – Elevation, Plan, and Section

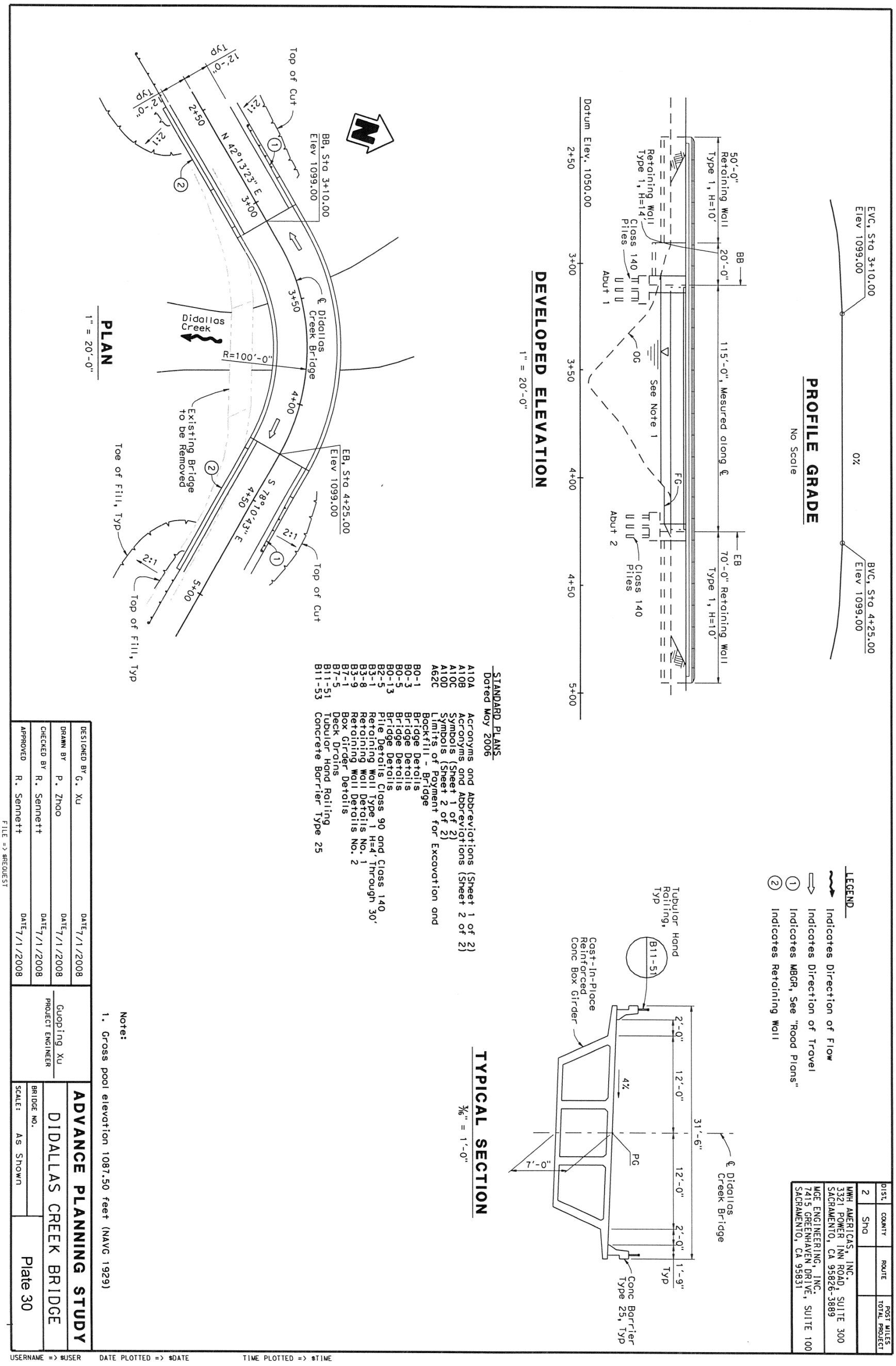


Plate 30. Didallas Creek Bridge – Elevation, Plan, and Section

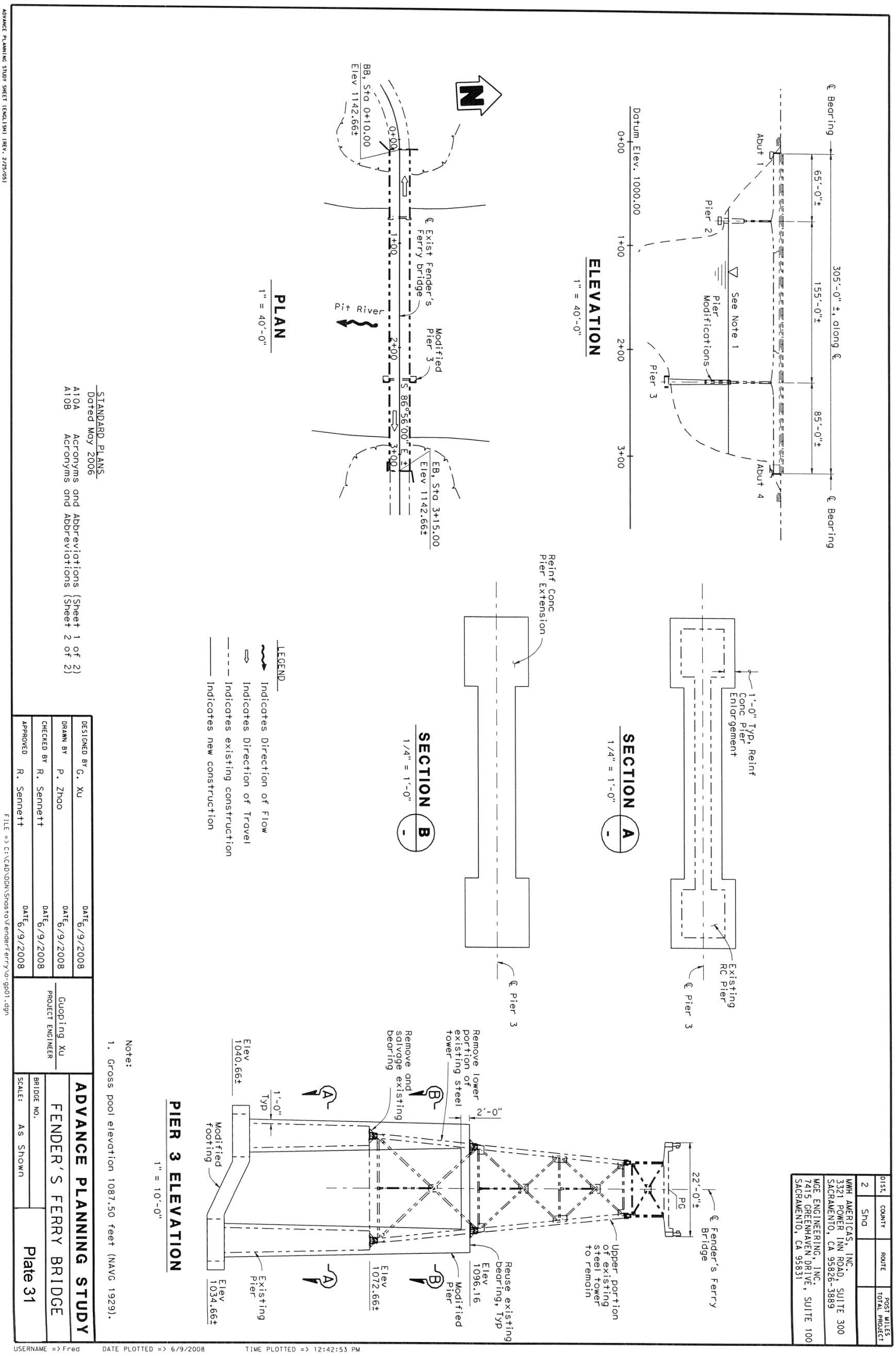


Plate 31. Fender's Ferry Bridge – Elevation, Plan, and Section

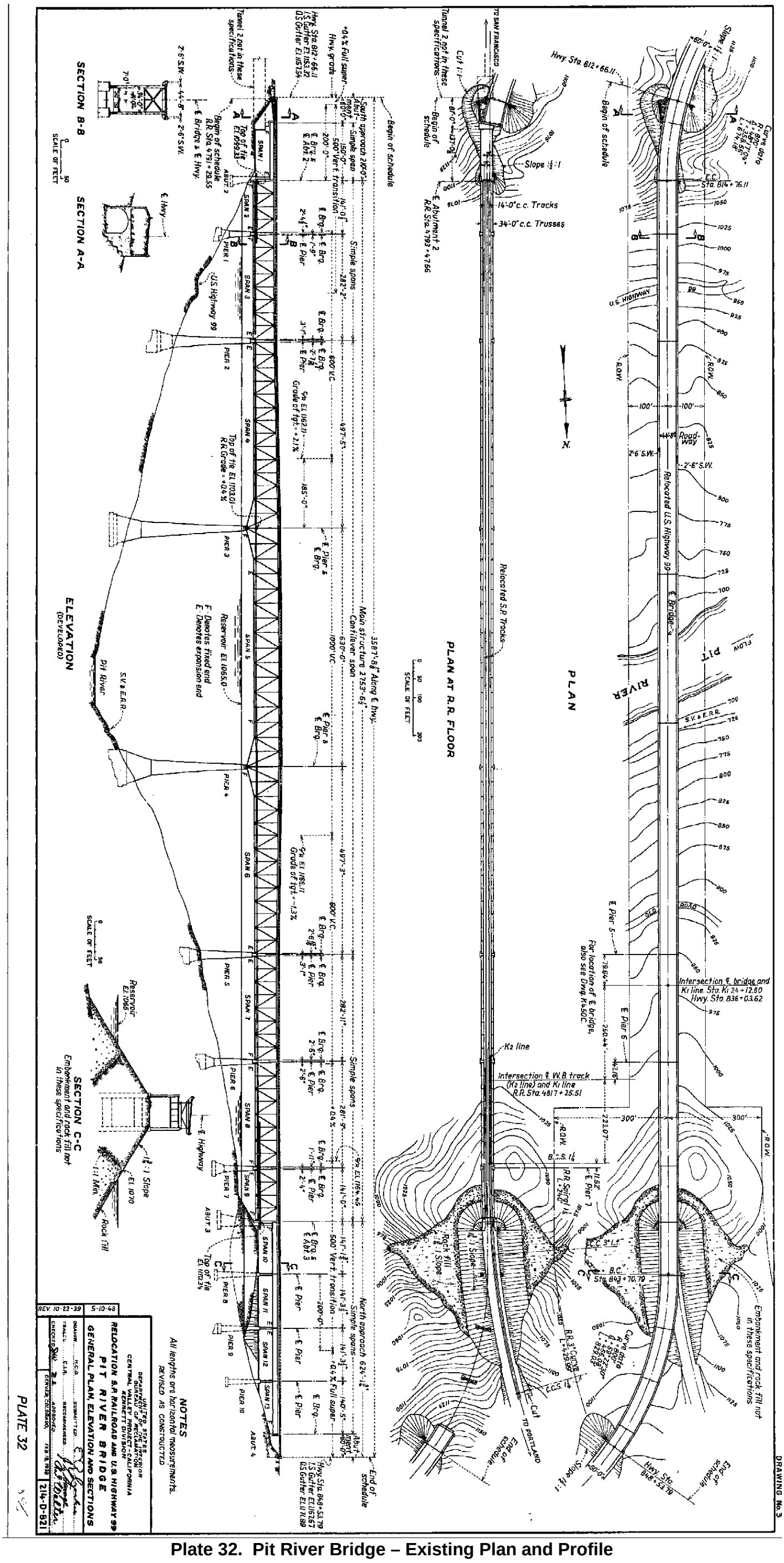


Plate 32. Pit River Bridge – Existing Plan and Profile

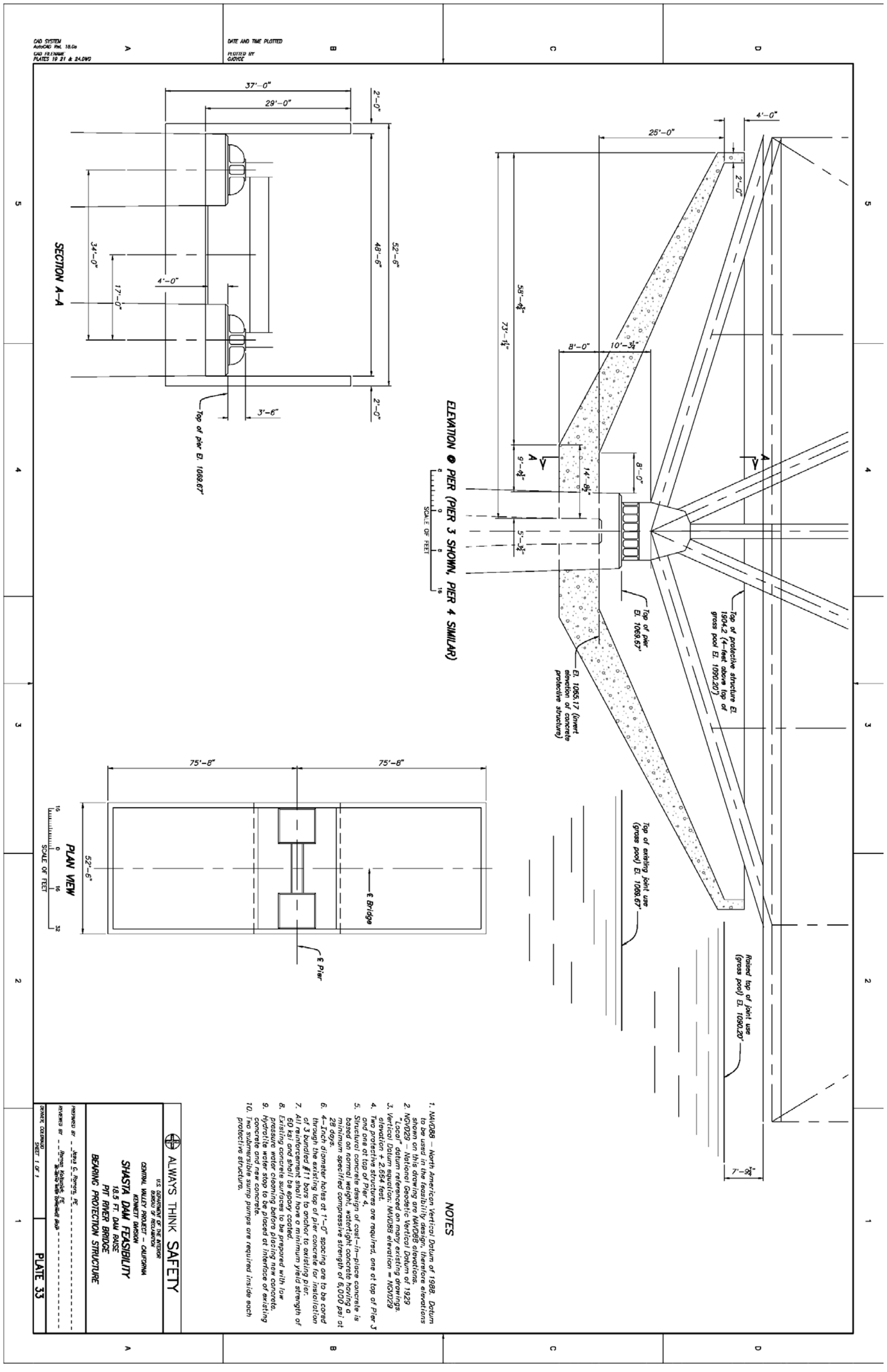


Plate 33. Pit River Bridge – Bearing Protection Structure

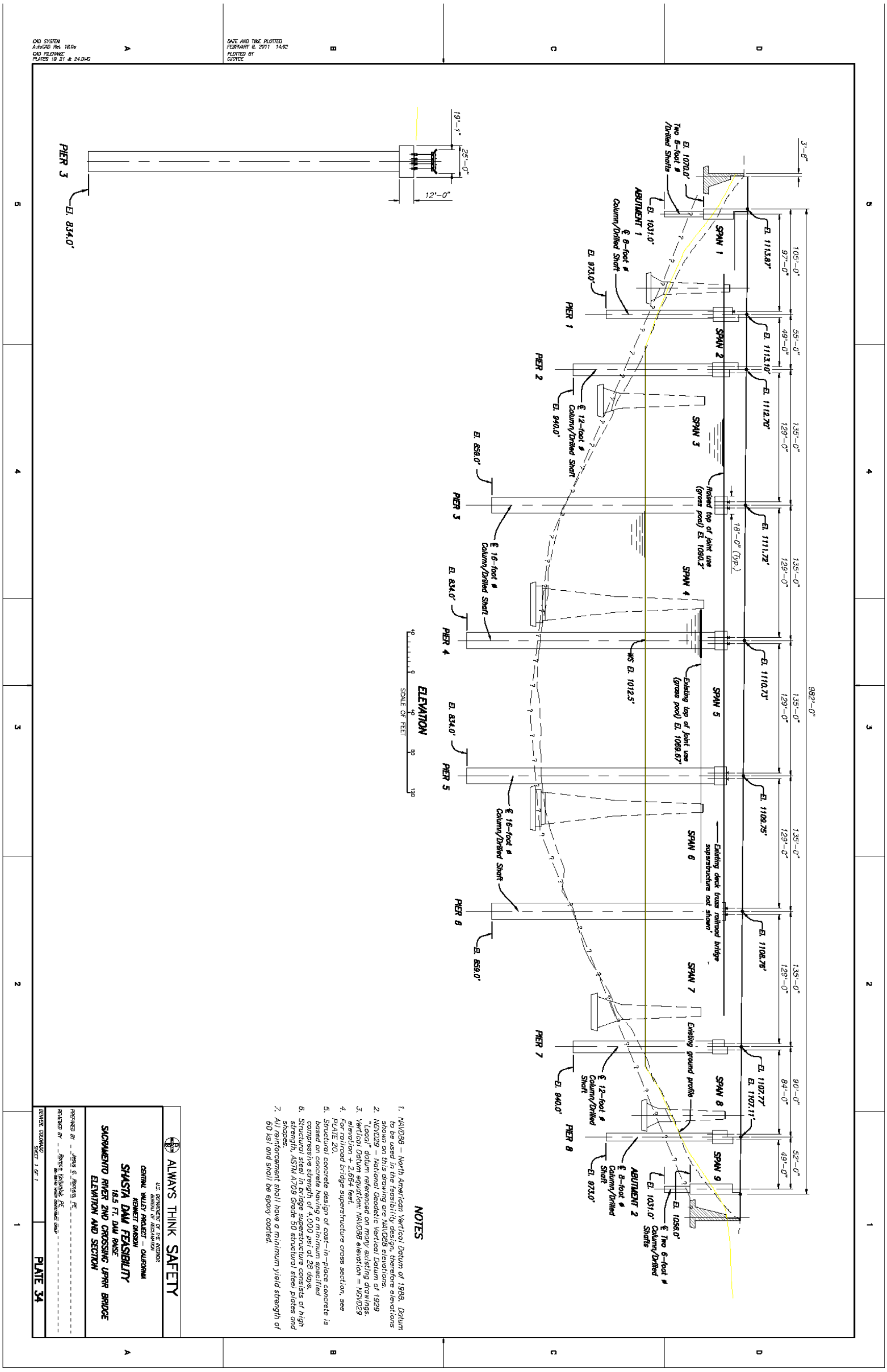
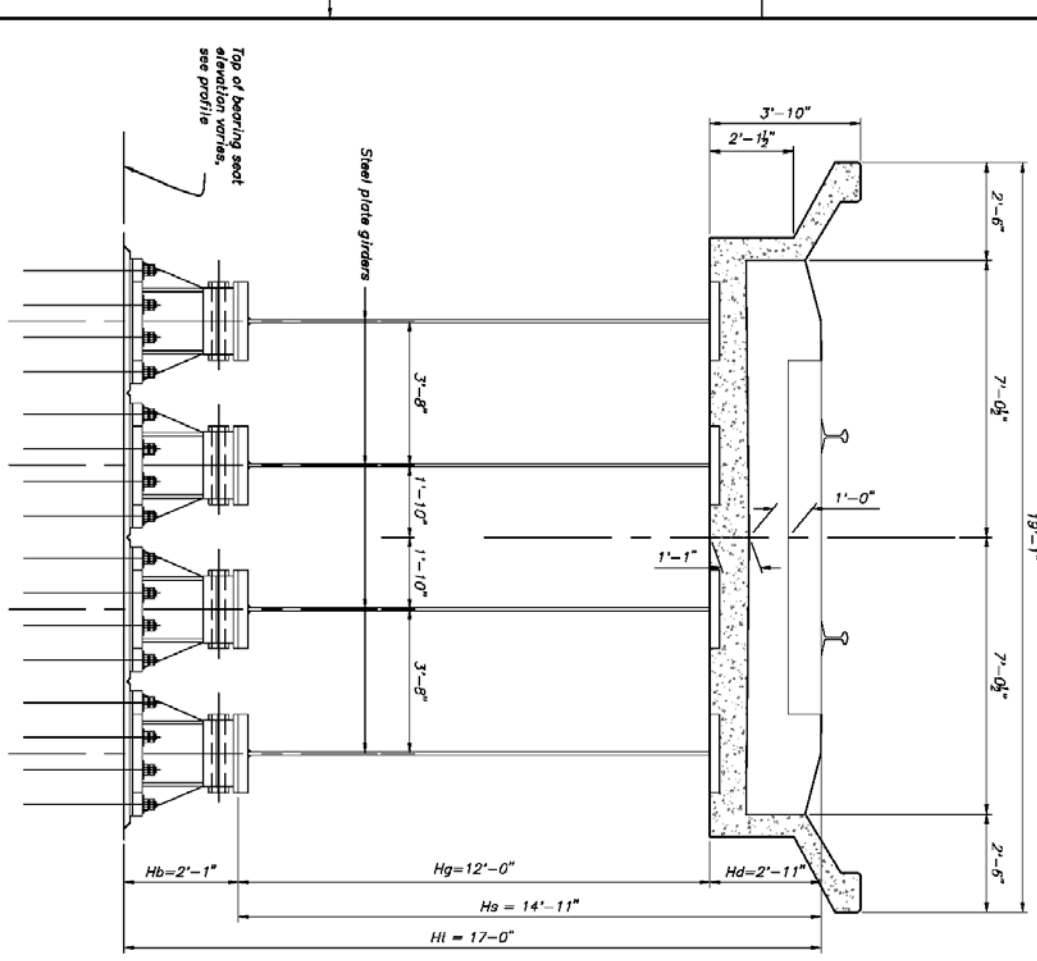


Plate 34. Sacramento River 2nd Crossing UPRR Bridge – Elevation and Section

CAD SYSTEM
AutoCAD Rel. 18.0s
CAD FILENAME
JESUS BRIDGEF.DWG

DATE AND TIME PLOTTED

PLOTTED BY

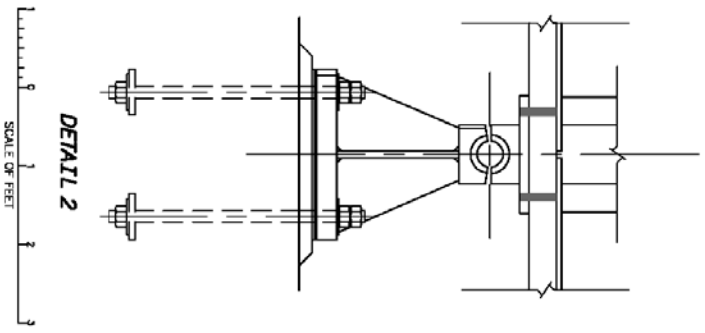


BRIDGE SUPERSTRUCTURE CROSS SECTION (TYPICAL) FOR SPANS 3, 4, 5, 6 AND 7.

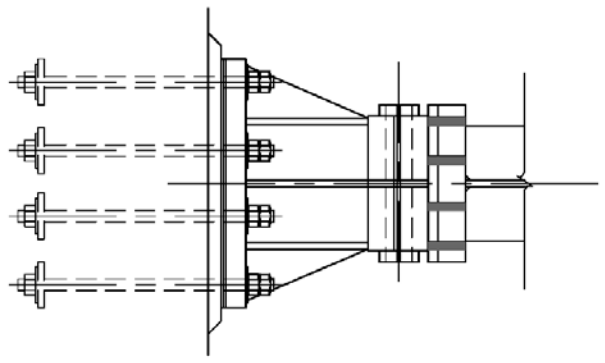
Ht = Total superstructure depth from top of tie to top of bearing seat elevation.
Hs = Total superstructure depth from top of tie to bottom of girder flange.
Hd = Height summing up depth of concrete deck, ballast and tie
Hb = Height of bearing.
Hg = Girder height measured to bottom of concrete slab.
Hs = Hg +Hd
Ht = Hb +Hg + Hd

SPAN	Hb	Hg	Hs	Ht
1	1'-7"	8'-8"	12'-7"	13'-2"
2 & 9	10"	4'-0"	6'-11"	7'-9"
8	1'-6"	7'-11"	10'-10"	12'-4"
3, 4, 5, 6 & 7	2'-1"	12'-0"	14'-11"	17'-0"

SCALE OF FEET 0 1 2 3 4 5



DETAIL 2
SCALE OF FEET 0 1 2



DETAIL 1
SCALE OF FEET 0 1 2

NOTES

1. NAVD88 – North American Vertical Datum of 1988. Datum to be used in the feasibility design, therefore elevations shown on this drawing are NAVD88 elevations.
2. NGVD29 – National Geodetic Vertical Datum of 1929
3. "Local" datum referenced on many existing drawings.
4. Vertical Datum equation: NAVD88 elevation = NGVD29 elevation + 2.664 feet.
5. Structural concrete design of cast-in-place concrete is based on concrete having a minimum specified compressive strength of 4,000 psi at 28 days.
6. Structural steel in bridge superstructure consists of high strength, ASTM A709 Grade 50 structural steel plates and shapes.
7. All reinforcement shall have a minimum yield strength of 60 ksi and shall be epoxy coated.

ALWAYS THINK SAFETY

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
CENTRAL VALLEY PROJECT – CALIFORNIA
KENNETT DIVISION

SHASTA DAM FEASIBILITY
18.5 FT. DAM RAISE
SACRAMENTO RIVER 2ND CROSSING UPRR BRIDGE
SUPERSTRUCTURE SECTION AND DETAILS

PREPARED BY _____ Jesus G. Romero, PE
REVIEWED BY _____ Ramon Kalinyak, PE

DENVER, COLORADO
SHEET 1 OF 1

PLATE 35

Plate 35. Sacramento River 2nd Crossing UPRR Bridge – Section and Details

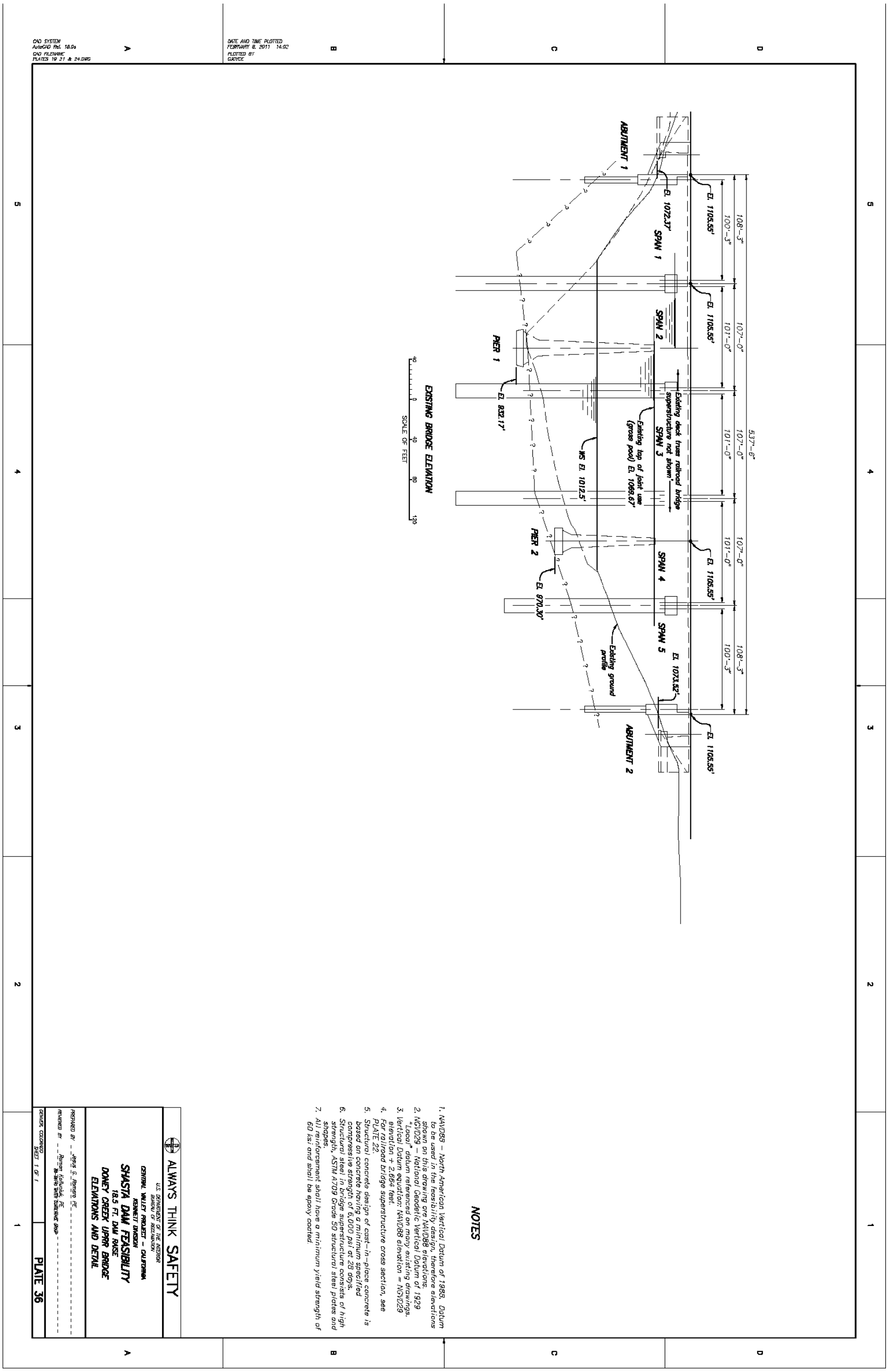


Plate 36. Doney Creek UPRR Bridge – Elevations and Detail

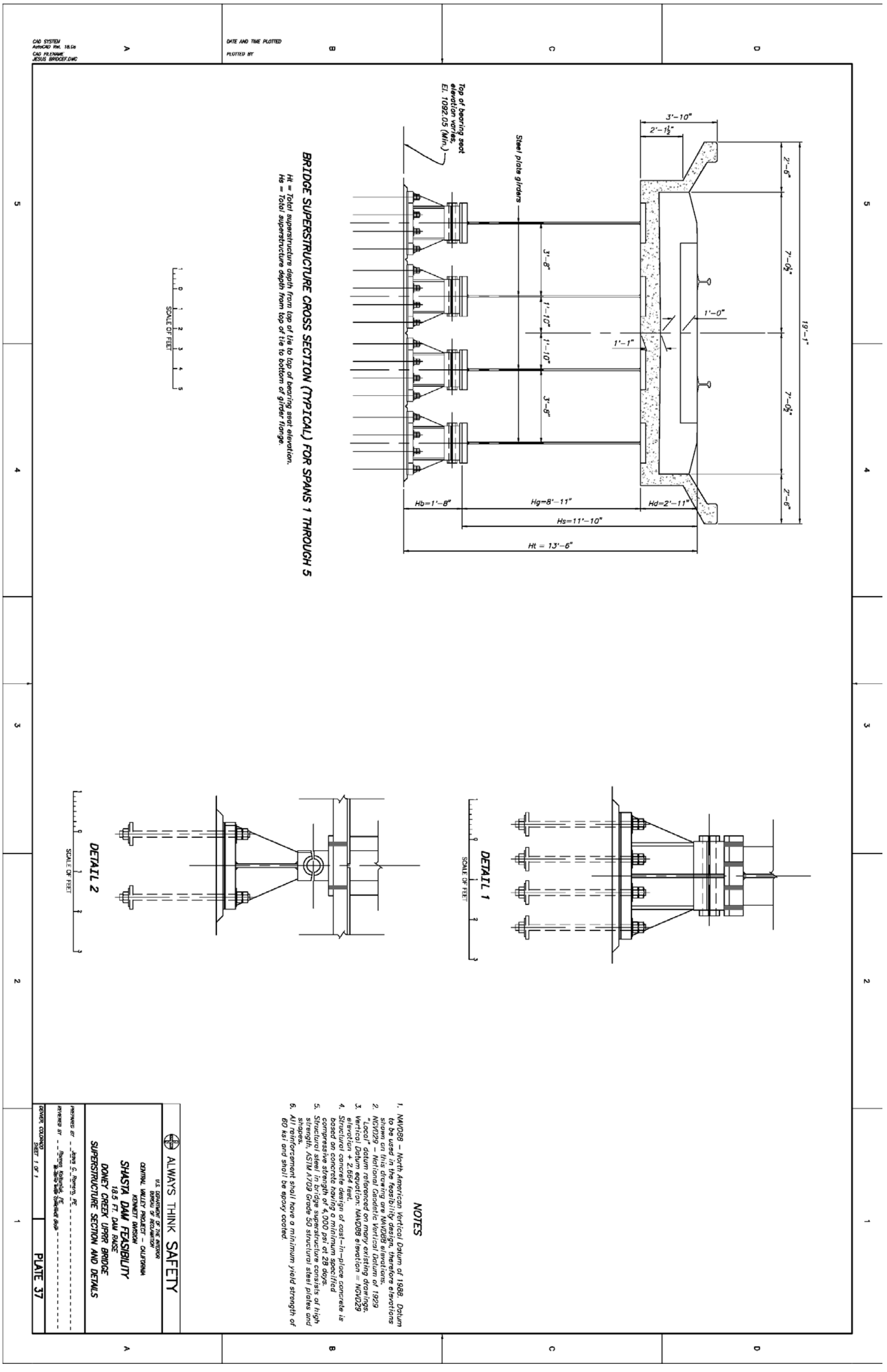


Plate 37. Doney Creek UPRR Bridge – Section and Details

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

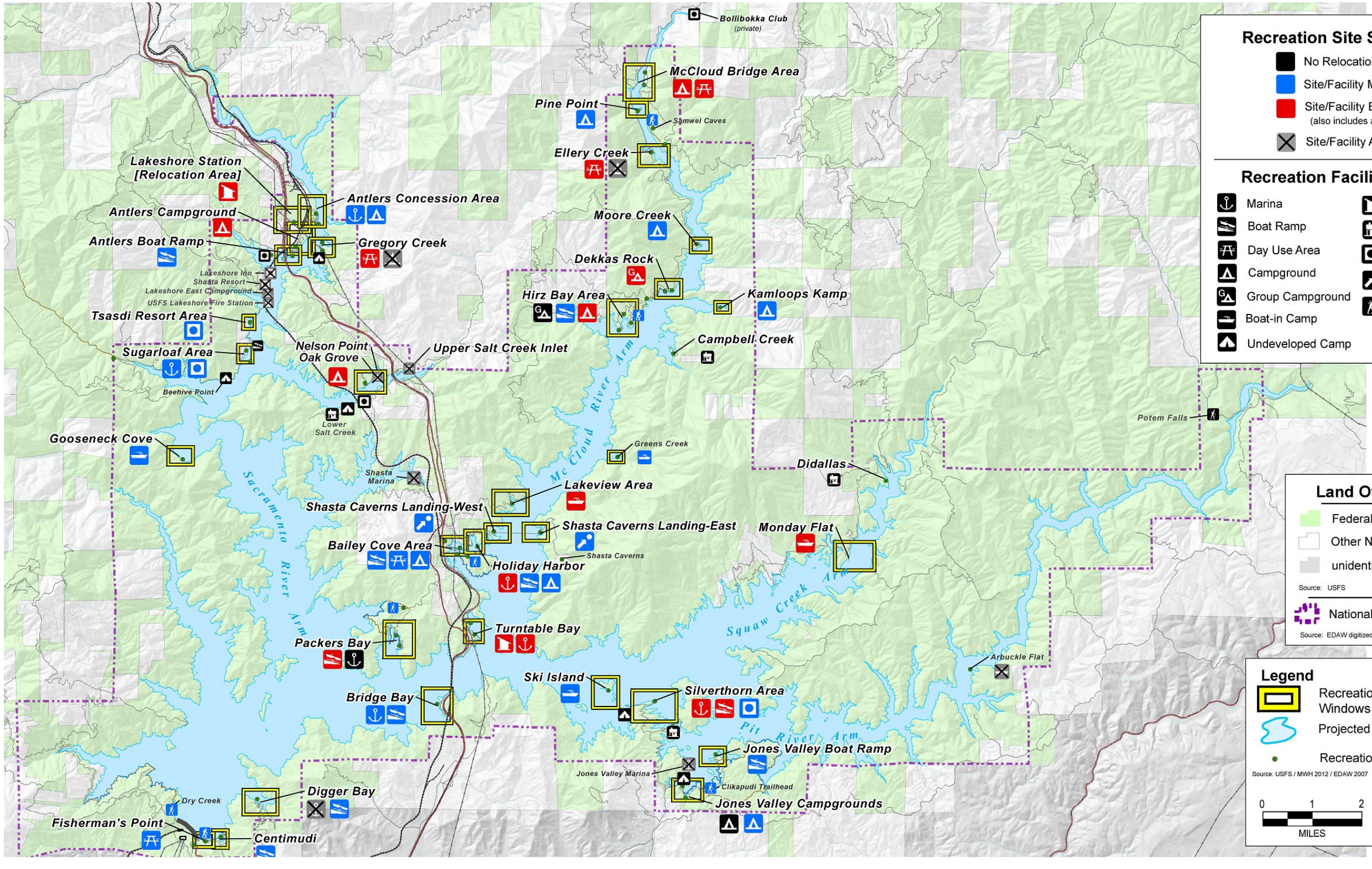


Plate 39. Recreation Site Status