DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	513R1	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

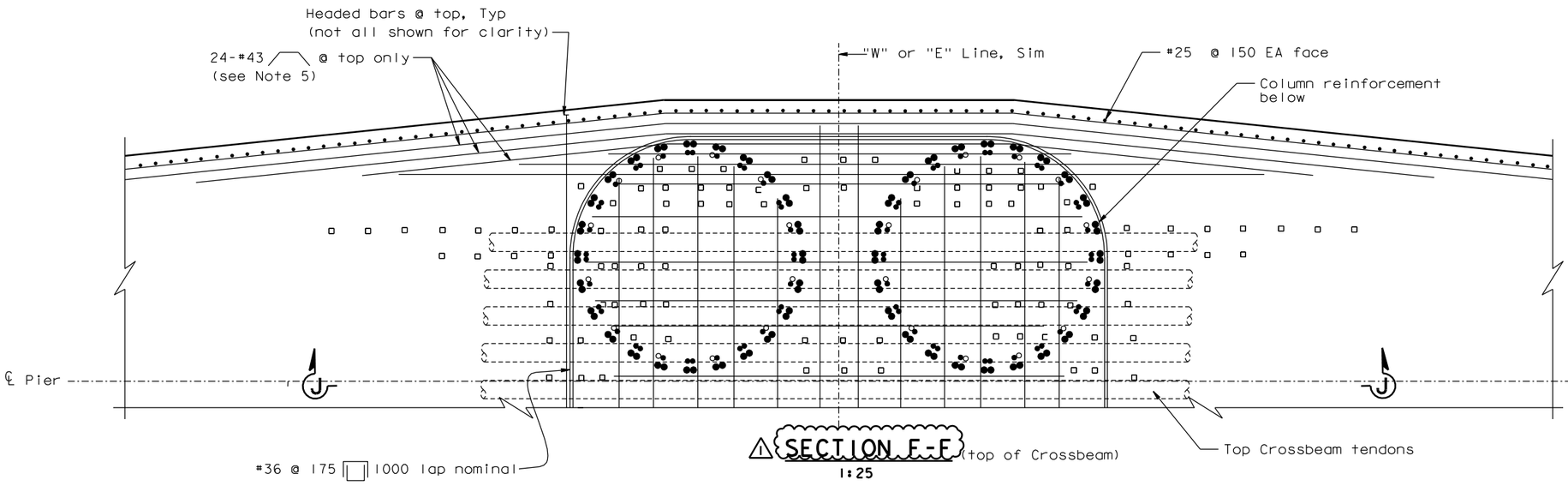
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Alex E. Sanjines No. C 051153 Exp. 9/30/07 CIVIL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

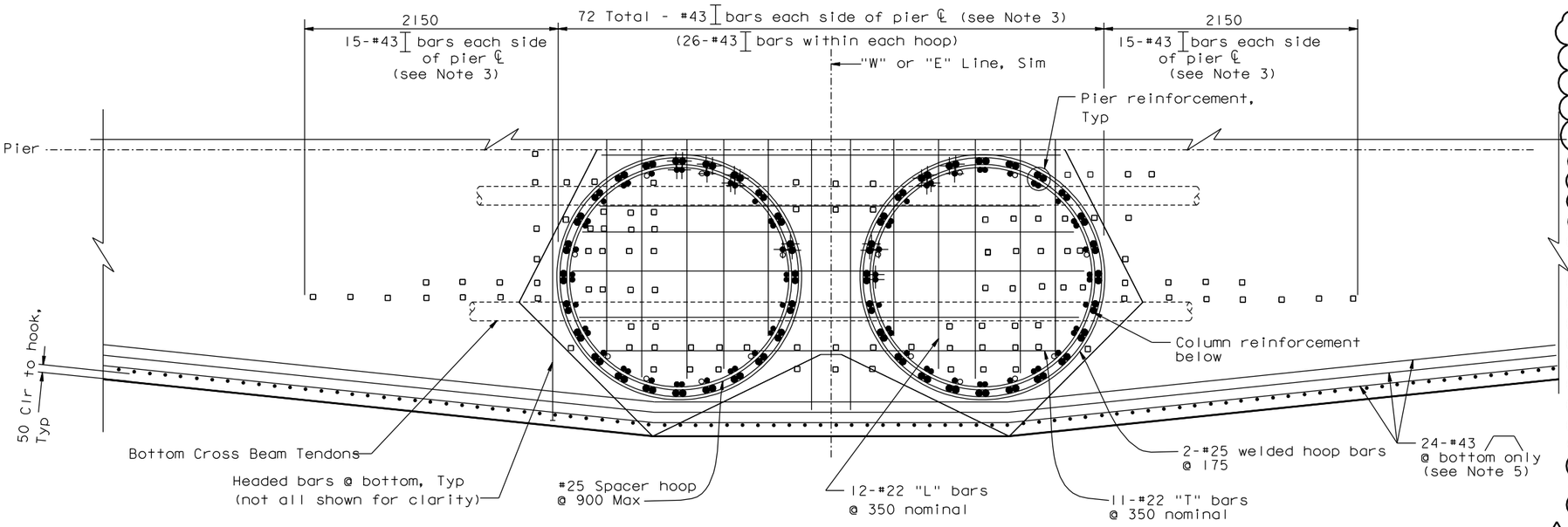
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov



SECTION F-F (top of Crossbeam)
1:25

LEGEND

- Indicates Welded Headed bar (see Note 4)



SECTION G-G (Crossbeam soffit)
1:25

NOTES:

1. Not all reinforcement shown for clarity.
2. Adjust reinforcement as required to clear column reinforcement.
3. Adjust vertical headed bars within hoops to clear prestressing and main longitudinal reinforcement. Vertical reinforcement may be terminated subject to approval by the Engineer.
4. Headed reinforcement may consist of rebar with either friction welded plates or threaded heads. Threaded heads must equal or exceed the capacity of welded plates.
5. Cut off #43 top and bottom longitudinal bars at widened beam to avoid main Crossbeam longitudinal reinforcement as required.
6. Reinforcement details reflect strict adherence to the location of pier column reinforcement defined on "Pier E2 details No.2" sheet.
7. Adequate fabrication and placement of all permanently embedded items may require more stringent tolerances than ordinary industry standards. It shall be the Contractor's responsibility to ensure the adequate fabrication and placement of all permanently embedded items within the geometric constraints of the plans.
8. For anchor rod layouts and details for bearings and shear keys, see "Pier E2 details No.9" sheet.
9. For Section J-J see "Pier E2 Details No.7" sheet.

Original Details Superseded

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	07/21/06	E2 CAP BEAM ISD	AS	NV	23

REVISIONS

CONTRACT CHANGE ORDER NO. _____
SHEET ____ OF ____

100% PS&E

DATE PLOTTED => 17 MAY 2007 TIME PLOTTED => 15:39:01

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 07/21/06

DESIGN	BY A. Sanjines	CHECKED J. Chan	
DETAILS	BY R. Xu	CHECKED J. Chan	
QUANTITIES	BY C. Bernardo	CHECKED B. Mason	

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

R. Manzanarez
PROJECT ENGINEER

BRIDGE NO. 34-0006L/R
KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE & TOWER)

PIER E2 DETAILS NO. 4

Rev. Date: 5-18-98

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY): 08/28/99 05/31/01 04/08/02 07/01/02 12/19/02

SHEET 96R1 OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#23\dgn\aepir10.dgn

USERNAME => ptom