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

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

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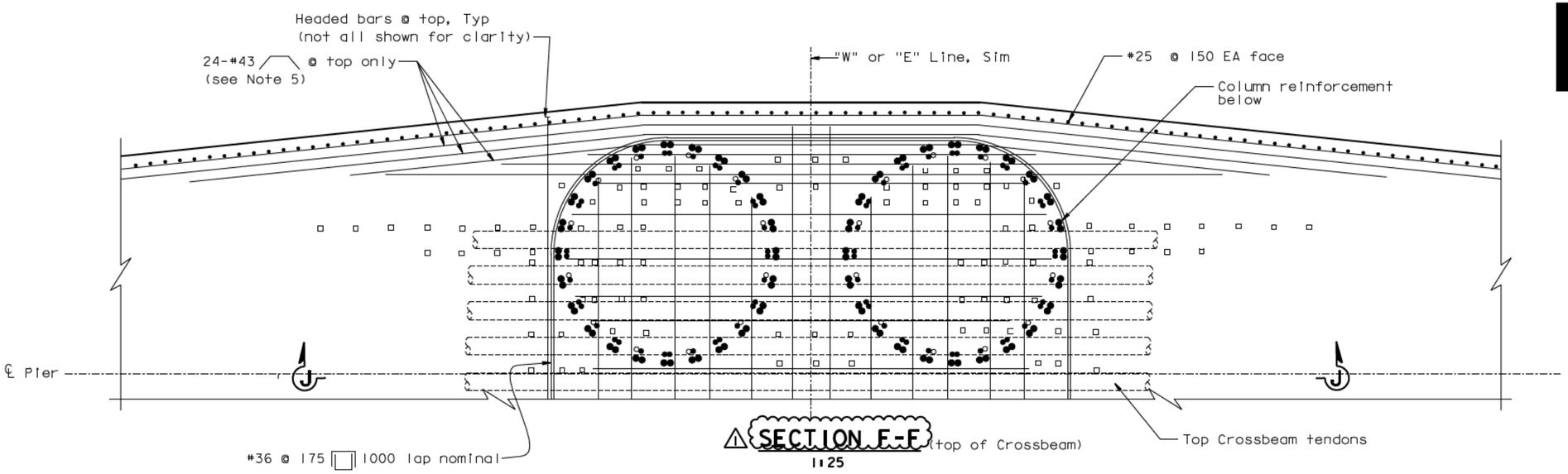
T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

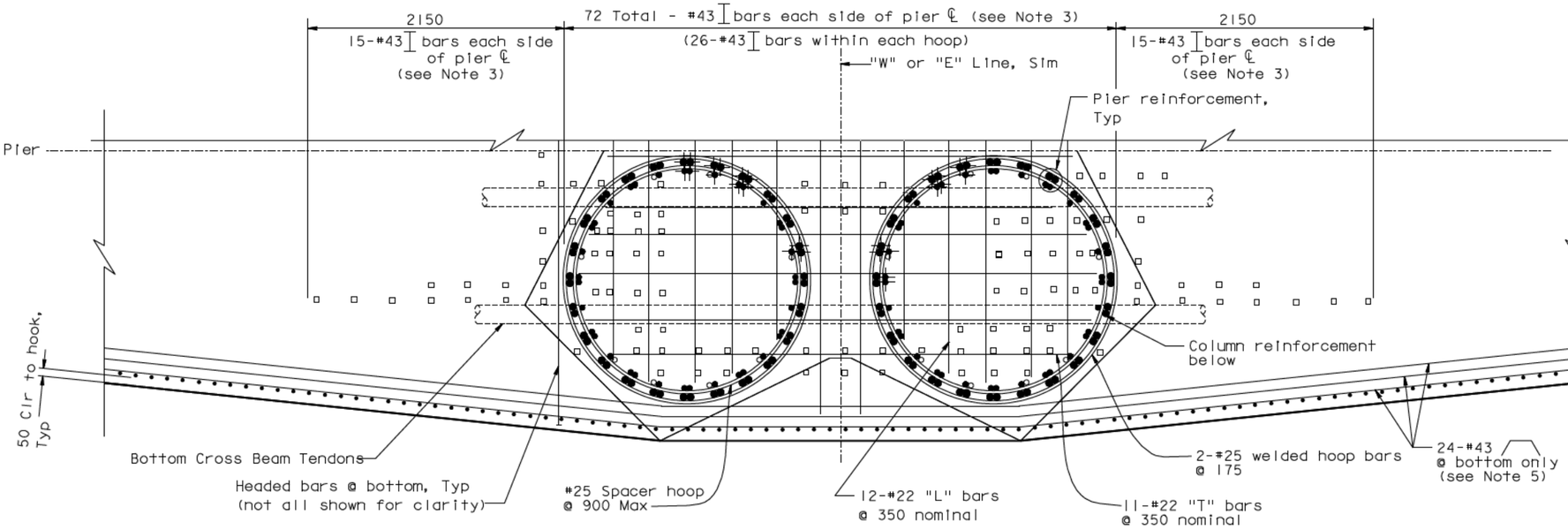
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov



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

LEGEND

□I - 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.

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

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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

PIER E2 DETAILS NO. 4

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

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

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) 08/02/99 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\aepir10.dgn

USERNAME => vignatovsk DATE PLOTTED => 10 MAY 2007 TIME PLOTTED => 11:19:23