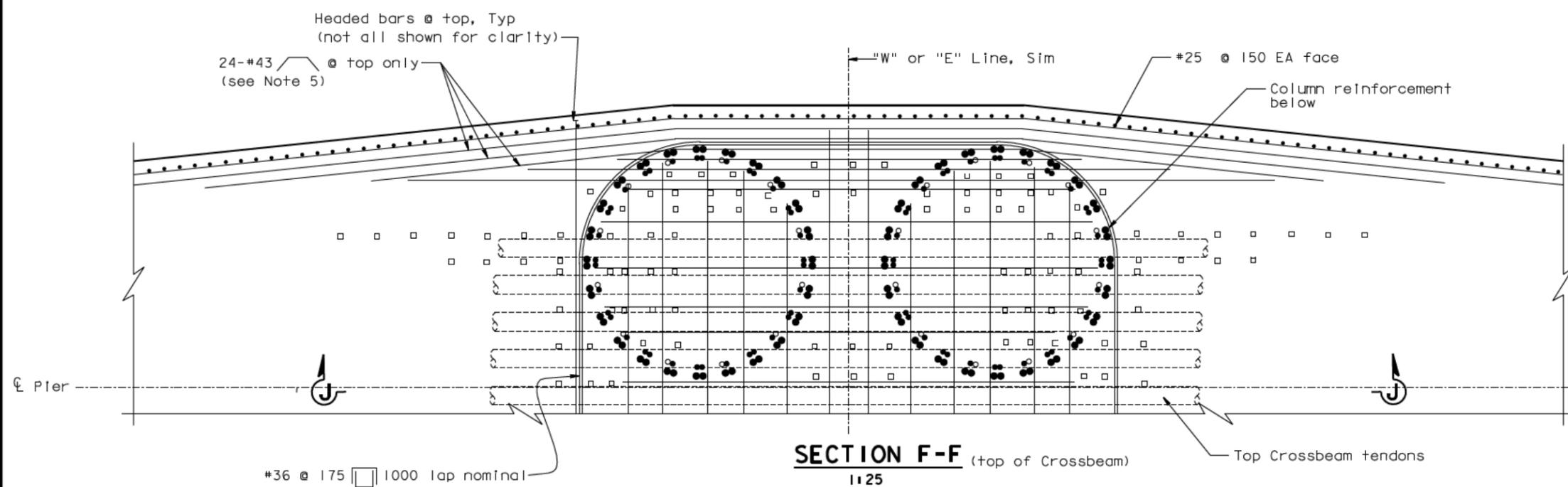




DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	513R1	1204

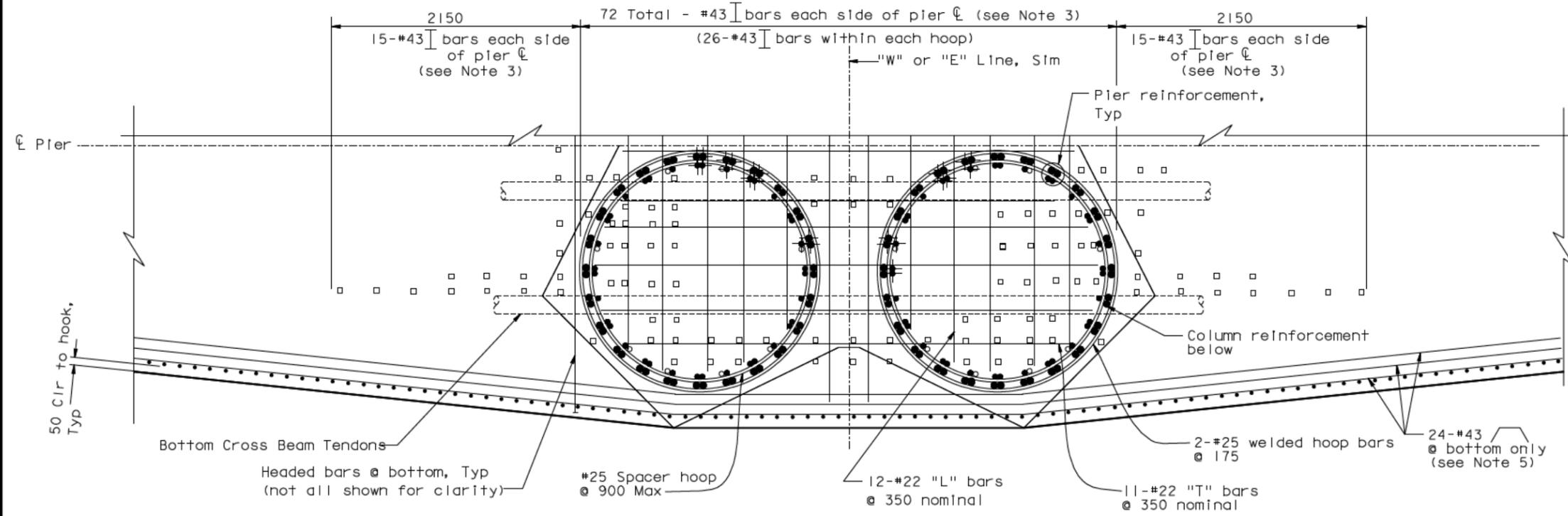
K.S.D.
 REGISTERED ENGINEER - CIVIL
 Alex E. Sanjines
 No. C 051153
 Exp. 9/30/07
 CIVIL
 STATE OF CALIFORNIA

12-6-04
 PLANS APPROVAL DATE
 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:
- Not all reinforcement shown for clarity.
 - Adjust reinforcement as required to clear column reinforcement.
 - Adjust vertical headed bars within hoops to clear prestressing and main longitudinal reinforcement. Vertical reinforcement may be terminated subject to approval by the Engineer.
 - 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.
 - Cut off #43 top and bottom longitudinal bars at widened beam to avoid main Crossbeam longitudinal reinforcement as required.
 - Reinforcement details reflect strict adherence to the location of pier column reinforcement defined on "Pier E2 details No.2" sheet.
 - 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.
 - For anchor rod layouts and details for bearings and shear keys, see "Pier E2 details No.9" sheet.
 - For Section J-J see "Pier E2 Details No.7" sheet.

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

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

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**