

**M e m o r a n d u m**

To: MR. RAMIN RASHEDI  
Division of Structure Design  
Design Office 59-232

Date: May 5, 2000

File: 11-SD-5/805  
11-0301U1

Attention: Mr. Gary Blakesley

Carmel Mountain Road U.C. (Widen & Outer Right)  
Bridge No. 57-0314R/L/S  
Sorrento Viaduct (Widen)  
Bridge No. 57-0513R/L  
N805/N5 Truck Connector  
Bridge No. 57-1070G

From: **DEPARTMENT OF TRANSPORTATION**  
**ENGINEERING SERVICE CENTER**  
Division of Structural and Foundations - MS 5  
Office of Structure Foundations

Subject: Comments Regarding Necessary Revisions to Previously Distributed Foundation Recommendations

Pile Data Tables for the above bridges needed to be revised to more closely follow guidelines set forth in the memorandum to Designers 3-1, December 1998, Attachment A. Also, tension loads, for bridges that may require this data (above Br. Nos. 57-0314R/L and -0513R/L) have not yet been supplied to Office of Structure Foundations (OSF) and should have been left blank under pile nominal resistance in the previous tables. Various other small changes were made for Br. Nos. 57-0314R/L/S and -0513R/L so revised reports are provided for these bridges. OSF recommends that older Foundation Recommendations (Br. No. 57-0513R/L, dated April 24, 2000, and Br. No. 57-0314R/L, dated April 19, 2000) be replaced with the Revised Foundation Recommendations being redistributed. Regarding new Br. No. 57-0314S (Outer Right), Mr. Rashedi provided design loads of 100 tons which were mistakenly denoted as only 70 ton design load within the earlier Foundation Recommendations (FR). The author called Mr. Gary Blakesley on April 27, 2000, to correct this error. This memorandum and the redistributed revised reports formalize these corrections.

Regarding Br. No. 57-1070G, the author E-mailed a report that still required some revisions before eventual distribution. OSF is sending out corrected FR that will supercede the earlier distributed report dated April 27, 2000. OSF recommends replacing the old report with the new FR.

OSF was also asked by Mr. Blakesley (April 27, 2000) to request evaluation of corrosion test results and possible recommendations to mitigate corrosion for this entire project. All Final FRs will be distributed to Mr. Doug Parks of the Corrosion Technology Branch for background information purposes. OSF is submitting a formal request to Mr. Parks regarding corrosion evaluation and mitigation for the 5/805 and 5/56 Interchanges and also Carmel Mountain Rd. UC.

If you have any questions, please call Joe Pratt at (213) 620-2001 or Richard Fox at (916) 227-7085.

Comments by:

*Joseph S. Pratt*

JOSEPH S. PRATT, C.E.G. No. 2141  
Associate Engineering Geologist

c: R.E. Pending File  
DBarlow - Specs & Estimates  
HBrimhall - Proj Mgmt  
District 11 (2)  
ELeivas - OSF  
RFox - OSF  
AAbghari - OGEE  
DParks - Corrosion Tech

