

**Memorandum**

To: MR. DOUG PARKS  
Office of Testing and Technology Services  
Corrosion Technology Branch

Date: May 8, 2000

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

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  
Rte. 5/805 Separation (widen)  
Bridge No. 57-0512  
Bridge Across Los Penasquitos Channel (widen)  
Bridge No. 57-0511  
Southbound 5 Truck Connector  
Bridge No. 57-1028F  
S5/S805 Truck Connector  
Bridge No. 57-1069F  
Carmel Creek Bridge  
Bridge No. 57C-0589  
Retaining Wall Nos. 524, 525, & 531

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

Subject: Request Evaluation of Corrosion Test Results and Possible Corrosion Mitigation for New Proposed Structures and Widening at the 5/805 and 5/56 Interchanges and at Carmel Mountain Road Undercrossing

The Office of Structure Foundations (OSF) was asked by Mr. Gary Blakesley (Bridge Designer, April 27, 2000) to request evaluation of corrosion test results and possible recommendations to mitigate corrosion for structure foundations on this entire project. The OSF Final Foundation Recommendations will be distributed to the Office of Testing and Technology Services, Corrosion Technology Branch (CTB) for background information purposes (foundation type, use of permanent steel casing, etc.) regarding this project. The author informally spoke with Mr. Doug Parks on April 27, 2000, regarding this issue. This represents the OSF formal request to CTB to evaluate corrosion potential and provide corrosion recommendations for structural foundations on this project.

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

Request by:

*Joseph S. Pratt*

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

c: R.E. Pending File – Struc. Const.  
DBarlow – Specs & Estimates  
HBrimhall – Proj Mgmt  
RRashedi – DSD  
GBlakesley – DSD  
District 11 (2)  
ELeivas – OSF  
RFox – OSF

