

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.
Oakland, CA 94607
(510) 622-5660, (510) 286-0550 fax



CC Myers
51 Macalla Road
San Francisco, CA 94130

Attn: Mr. Bob Coupe

Ref: 215-STT.00248

June 02, 2005

Contract No. 04-0120R4
04-SF-80-12.6, 13.2
South – South Detour

Letter No. 05.03.01-000446

Subject: NOPC #9 (TBS Deck Drainage), 215-STT.00248 and 215-STL.00136

Dear Mr. Coupe,

The Department has reviewed your Notice of Potential Claim No. 9 and has determined it to be without merit. Per Design Criteria No. 8 (Sheet 103 of the Contract Plans), "Longitudinal drainage on long bridges shall be provided and collected at inlets which shall be of sufficient size and number to drain the gutters adequately". In addition, Caltrans Bridge Design Aids 17-2 (October 1989 as required by Special Provisions Section 5-1.14) Section 4, "Flow in Gutters" defines the gutter as the section of bridge deck from the barrier to a portion or all of the shoulder. Therefore, no ponding is allowed outside of the gutter or in the travel way.

It should also be noted that the latest TBS submittals calculate run-off using a 10-year storm rainfall intensity. The contract requires computation based on a rainfall intensity of 5 inches per hour via the Bridge Design Aids 17-1 (October 1989). However, we can accept the use of the 25-year storm rainfall intensity given in the Manna Report (Manna Consultants, Inc., May 9, 2002) of 2.384 inches per hour but not your proposal of the 10-year storm rainfall intensity.

For these reasons, the Department asks you to rescind NOPC #9. You are still obligated to provide a deck drainage design that fulfills the contract. If you have any questions, please contact me at (510) 622-5660.

Sincerely,

Lourdes David
Resident Engineer

CFM: 06/02/05

cc: G. Lai
T. Lai
S. Hulsebus
D. Adams
A. Yan
A. Bata
Y. Bezuwork
S. Morrison

file: 05.03.01, 56.02, 62.02.09