

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

June 24, 2005

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

Attn: Mr. Bob Coupe

Ref: 215-STT.00256

Letter No. 05.03.01-000479

Subject: Response to NOPC #9 Part B: 215-STT.00256

Dear Mr. Coupe,

The Department has reviewed Notice of Potential Claim No. 9 Part B (215-STT.00256) and has determined it to be without merit. The contract requires that no ponding is allowed outside of the gutter or in the travel way Per Design Criteria No. 8 (Sheet 103 of the Contract Plans). This Design Criteria states: "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.

At the January 12, 2005 meeting, several alternatives for deck drainage were discussed. Alternatives including, but not limited to: slotted drains, scuppers, and moving back the retaining wall. We have seen no such calculations for the above mentioned alternatives, we do not believe that all options have been exhausted (see 05.03.01-000327, dated 03/04/05). Your delays as a result of plan review are caused due to your plans not conforming to design criteria as stated above.

As mentioned in 05.03.01-000446, 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. The Department finds this NOPC without merit. 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,

<<< ORIGINAL SIGNED >>>

Lourdes David
Resident Engineer

CFM: 06/24/05

cc: G. Lai, T. Lai, D. Adams, A. Yan, A. Bata, Y. Bezuwork

file: 05.03.01, 62.02.09