

**DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program**

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



CC Myers - YBI  
51 Macalla Road  
San Francisco, CA 94130

Attn: Mr. Bob Coupe

Ref: 215-STL.00211

January 04, 2006

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

Letter No. 05.03.01-000644

Subject: TBS Deck Drainage Submittal - 215-STL.00211

Dear Mr. Coupe,

The Department has reviewed the above referenced submittal and accepts it with the following conditions:

1. The depressed scupper dimension "a" as noted on Figure 4-13 of HEC 22 Manual will be the maximum constructable depth of, but not greater than 24mm. This will represent an 8% grade break at the depressed scupper. Please submit an analysis with the 24mm depressed scupper depth to this office. It is our understanding that the grade break is only at scupper locations and not continuous. Please let us know if this is incorrect.
2. In accordance with section 830.3 of the Highway Design Manual, "Desirable limits of water spread with respect to design storm probability of exceedance are given in Table 831.3... Exceptions should be documented by memo to the project file." We recommend that you generate this memo to file for your records and provide a copy to this office.

If you have any questions, please contact me at (510) 622-5660.

Sincerely,

**<<< ORIGINAL SIGNED >>>**

Lourdes David  
Resident Engineer

cc: G. Lai  
T. Lai  
S. Hulsebus  
M. Ardakanian  
A. Yan  
S. Morrison  
R. Morrow

file: 05.03.01, 58.61, 62.02.09