

**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

June 30, 2006

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

Letter No. 05.03.01-000722

Subject: TBS Deck Drainage

Dear Mr. Coupe,

C.C. Myers, Inc. and Imbsen and Associates, Inc. are directed to incorporate 0.6m x 0.075m scuppers into the barrier rail along the length of the Viaduct Superstructure in lieu of a conventional deck drain system. The paved riding surface shall be feathered down 300mm around the scuppers. The opening at the face of the barrier shall be 600 mm with a wider opening of 625 mm on the back face. The requirements for Class 1 drainage as detailed in Contract Design Criteria Number 6 shall be eliminated.

The following table summarizes the spacing and location of the scuppers:

“WD1” Line (Upper Deck):

South Edge of Deck Limits	North Edge of Deck Limits	Spacing
54+65.3 – 54+02		8 m
54+02 – 53+32		10 m
53+32 – 52+89		3 m
	53+07 – 52+72	5 m
	52+72 – 51+82	10 m
	51+82 – 51+40.5	8 m

“ED1” Line (Lower Deck):

South Edge of Deck Limits	North Edge of Deck Limits	Spacing
54+65.3 – 53+30		10 m
53+30 – 52+94		5 m
	53+04 – 52+60	5 m
	52+60 – 51+80	10 m
	51+80 – 51+40.5	5 m

The proposed barrier rail shall be modified to incorporate this opening while maintaining its structural integrity.

Please provide a detailed cost proposal for any additional design and construction work involved with the implementation of this change. This proposal shall include a credit for not installing a conventional deck drain and pipe system.

If you have any questions, please contact Mahantesh Anigol at (510) 622-5183.

Sincerely,

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

Carla Moreno  
Assistant Resident Engineer  
for  
Resident Engineer  
Mahantesh Anigol

cc: G. Lai  
T. Lai  
A. Yan  
M. Anigol  
J. Tom

file: 05.03.01, 49.54.02, 58.61, 62.02.09