

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

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February 12, 2009

Contract No. 04-0120F4
04-SF-80-13.2 / 13.9
Self-Anchored Suspension Bridge
Letter No. 05.03.08-000013

Michael Flowers
Project Executive
American Bridge/Fluor, A JV
375 Burma Road
Oakland, CA 94607

Dear Michael Flowers,

Shear Link Grade 345 Check Test Samples-Retest

The Department has retested the ASTM A709M Grade 345 shear link material referenced in the Department's Letter, No. 05.03.08-000012, dated January 19, 2009. Based on the 450Mpa maximum yield strength specified in Section 10-1.59 of the Special Provisions, subsection "Materials", Item G, plus the 5% allowance above the 450Mpa provided for in subsection "Check Testing" of said section, 10 of the 13 samples tested were found to be acceptable. However, three (3) of the samples retested exceeded the combined upper yield strength limits and have failed to meet contract compliance. A summary of the Check Test sample results is attached for your information and review.

If ABF would like the Department to further evaluate the possible acceptance of the failed materials represented by the above tests so they can be incorporated into the work, please provide the Department with stress-strain diagrams for these materials that include the ultimate strength and failure points.

A table summarizing the results of these 13 samples is attached for your information and review.

If you have any questions, please contact Ken Lee at 86 15821422546.

Sincerely,

GARY PURSELL
Resident Engineer

Attachment

cc: R. Morrow, P. Siegenthaler, D. Coe, K. Devonport, S. Ku, S. Kennedy, M. Woods
File: 05.03.08