

DEPARTMENT OF TRANSPORTATION - Toll Bridge Program

333 Burma Rd.

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October 2, 2009

Contract No. 04-0120F4

04-SF-80-13.2 / 13.9

Self-Anchored Suspension Bridge

Letter No. 05.03.01-005611

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

Dear Michael Flowers,

Tower Lifting, Tipping and Handling Plan

During recent meetings at ZPMC, the Contractor's plan to "tip" the tower lifts from their current fabricated horizontal position to the vertical position for the trial assembly and erection was discussed. The Department regards the tower tipping operation crucial, and sufficient to warrant an engineering evaluation to ensure that the tower is not overstressed.

The Contractor's attention is directed to Contract Special Provision Section 10-1.59, "Steel Structures," subsection "Working Drawings," which states that working drawings for the fabrication of structural steel shall include, among other items:

Details of shop and field welding, and shop and field-drilled holes for all ancillary attachments to the box girder, crossbeam, tower, and pipe beams

The provision further requires that tower working drawings shall contain shop practices which include, among other items:

C. Lifting points and support details

D. Details of temporary lugs, bracing or brackets and methods of handling large elements

Prior to performing the work, please submit your tower lifting, tipping and handling plan to the Engineer for review and approval. Please contact Rick Morrow if you have any questions regarding this issue.

Sincerely,

A handwritten signature in blue ink that reads "Gary Pursell".

GARY PURSELL
Resident Engineer

cc: Rick Morrow, Mark Woods, Doug Coe, Peter Siegenthaler, Mazen Wahbeh
file: 05.03.01