

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
District Eleven

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16590
San Francisco Bay (8.9)
June 12, 2007

California Department of Transportation
Attn: Steve Hulsebus
P.O. Box 23660
Oakland, CA 94623-0660

Dear Mr. Hulsebus:

As discussed during our meeting on March 14, 2007, we have revised our requirements for navigational lighting on the replacement span of the San Francisco/Oakland Bay Bridge, mile 8.9, San Francisco Bay. The SAS span lighting, approved December 19, 2001 (enclosure 1), the temporary falsework lighting, approved February 15, 2007 (enclosure 2), and the fog signals, approved March 13, 2007 (enclosure 3), are not affected.

During construction the existing span shall be lighted as required in enclosure 4. The preferred navigation channel, during construction, shall be lighted with the existing green center channel lights between piers E-4 and E-5. All piers on the existing bridge, with red pier lights, shall be lighted during construction.

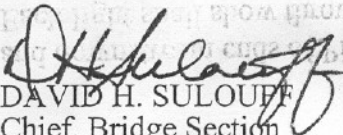
On the replacement bridge, the upstream and downstream ends of Piers E-3, E-4, E-5, E-6, E-7, and E-8, shall be lighted with red lights. Each light shall show through a horizontal arc of 180 degrees and shall be securely fastened to the end of the bridge pier, so low as practicable but not lower than 2 feet above navigable high water, to show 90 degrees on either side of a line parallel to the axis of the channel, so as to be visible from an approaching vessel (enclosure 5).

The prescribed navigational lighting must be securely attached to the structure and of sufficient candlepower as to be visible against the background lighting at a distance of at least 2000 yards, 90 percent of the nights of the year.

Lights shall be displayed from sunset to sunrise and at other times when the visibility is less than one mile.

You may contact Mr. Carl Hausner, Project Manager at (510) 437-3515 to discuss this project.

Sincerely,


DAVID H. SULOUFF
Chief, Bridge Section
Eleventh Coast Guard District
By direction the District Commander

Enclosures: (1) Lighting Diagram SAS Span, dated December 19, 2001
(2) Lighting Diagram Temporary Falsework, dated February 15, 2007
(3) Fog Signal Diagram, dated March 13, 2007
(4) Interim Lighting Existing and Replacement Spans.
(5) Replacement Bridge Lighting Diagram Piers east of E.2

Copy: US Coast Guard Sector San Francisco, Waterways
Captain Ray Shipway, Masters Mates and Pilots
San Francisco Marine Exchange
San Francisco Bar Pilots, Operations Pilot
Port of San Francisco
Port of Oakland
US Army Corps of Engineers, Navigation