

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

RESOLUTION NO. 2012-010

**AUTHORIZE EXECUTION OF CHANGE ORDER NO. 39
TO CONTRACT NO. 2006-B-1,
GOLDEN GATE BRIDGE SEISMIC RETROFIT PHASE IIIA,
NORTH ANCHORAGE HOUSING AND NORTH PYLON,
WITH SHIMMICK CONSTRUCTION COMPANY, INC./
OBAYASHI CORPORATION, JOINT VENTURE,
FOR MODIFICATIONS TO THE FLOOR BEAM STRENGTHENING DETAILS**

February 23, 2012

WHEREAS, the Board of Directors (Board) of the Golden Gate Bridge, Highway and Transportation District (District), by Resolution No. 2008-023 at its meeting of March 28, 2008, authorized the award of Contract No. 2006-B-1, *Golden Gate Bridge Seismic Retrofit Phase IIIA, North Anchorage Housing/North Pylon* (Contract), to Shimmick Construction Company, Inc./Obayashi Corporation, a Joint Venture, Hayward, CA (Shimmick), for construction of the seismic retrofit of the North Anchorage Housing and the North Pylon, including: (1) strengthening the North Anchorage Housing and North Pylon foundations and external walls; (2) strengthening the North Anchorage Housing internal concrete frame system; (3) replacing, under continuous traffic, the Anchorage Housing concrete roof that serves also as a bridge roadway and sidewalks; and, (4) performing various modifications to utilities; and,

WHEREAS, the original floorbeam strengthening detail calls for attaching steel plates to the bottom of a floorbeam with one-inch diameter high strength anchor bolts drilled and epoxied into the floor beam concrete; and,

WHEREAS, because the floorbeams are the primary load carrying members of the North Anchorage Housing roadway, the Contract specifies that the existing steel bars reinforcing the floorbeams may not be cut or damaged; and,

WHEREAS, the Contract requires the contractor to locate, by concrete penetrating radar methods, the existing reinforcing bars in the floorbeams so they can be avoided during the hole drilling for installation of the steel plating anchor bolts; and,

RESOLUTION NO. 2012-010
BOARD OF DIRECTORS MEETING OF FEBRUARY 23, 2012
PAGE 2

WHEREAS, the field verifications determined that the existing reinforcing bars placed during the original bridge construction in 1930s are at different locations than those shown on the corresponding original records drawings and would conflict with the installation of new one-inch diameter anchors; and,

WHEREAS, to resolve the issue, the design consultant modified the floorbeam strengthening detail by replacing the flat steel plates fastened to the soffits of the floorbeams with U-shape steel plates fastened to the vertical sides of the floorbeams away from the existing main reinforcing steel; and,

WHEREAS, the cost of this modified work has been negotiated with Shimmick in the amount of \$278,000.00; and,

WHEREAS, the Building and Operating Committee/Committee of the Whole, at its meeting of February 23, 2012, has so recommended; now, therefore, be it

RESOLVED, that the Board of Directors (Board) of the Golden Gate Bridge, Highway and Transportation District hereby authorizes execution of Change Order No. 39 to Contract No. 2006-B-1, *Golden Gate Bridge Seismic Retrofit Phase IIIA, North Anchorage Housing/North Pylon*, with Shimmick Construction Company, Inc./Obayashi Corporation, a Joint Venture, Hayward, CA, in the amount of \$278,000.00, for modifications to the floorbeam strengthening details; and, be it further

RESOLVED that requisite funds are available in the FY 11/12 Bridge Division Capital Budget.

ADOPTED this 23rd day of February 2012, by the following vote of the Board of Directors:

AYES (14): Directors Arnold, Chu, Cochran, Elsbernd, Fredericks, Moylan, Pahre, Rabbitt, Renée, Snyder and Stroeh; Second Vice President Grosboll; First Vice President Eddie; President Reilly

NOES (0): None

ABSENT (5): Directors Campos, Mar, Sears, Sobel and Theriault



Janet Reilly
President, Board of Directors

ATTEST: 

Janet S. Tarantino
Secretary of the District