



3E

DEPARTMENT OF  
PUBLIC WORKS

CITY OF SACRAMENTO  
CALIFORNIA

TRANSPORTATION DIVISION

CITY HALL  
ROOM 304  
915 I STREET  
SACRAMENTO, CA  
95814-2608

916-449-5307

ROBERT L. LEE  
TRANSPORTATION  
DIVISION MANAGER

April 26, 1988

Budget and Finance/  
Transportation and Community Development Committee  
Sacramento, California

Honorable Members in Session:

SUBJECT: Ownership and Maintenance of the Guy West Bridge

SUMMARY

At their April 5, 1988 meeting, the Joint Committees requested a report back on having the California State University system assume ownership and maintenance of the Guy West Bridge. Staff recommends that the committees direct the City Manager to contact the president of California State University at Sacramento to initiate discussions with appropriate State University officials regarding ownership and maintenance of the bridge.

BACKGROUND

On May 21, 1987 the Guy West Bridge was closed due to failure of three suspender cables which connect the bridge deck to the overhead suspension cable. The bridge was reopened on July 16, 1987 after the failed cables and the immediate surrounding cables were replaced.

During the bridge closure, all suspender cables were X-rayed at their connection to the bridge deck. The X-rays showed various degrees of damage to the suspender cables throughout the bridge. The City of Sacramento hired a consultant with a background in engineering failure analysis and cable suspension bridges to analyze the data from the X-rays and to investigate the short term repairs and long term maintenance necessary.

The preliminary results from the consultant's analysis showed that at least \$250,000 should be spent on repairs to the bridge by the end of this summer. This amount is shown in the proposed 1988-89 Capital Improvement Program as the only bikeway project that could be accomplished by the City's funding from the Transportation Development Act (TDA) for this year. No cost estimate is available at this time for yearly maintenance of the bridge.

April 26, 1988  
Budget and Finance/  
Transportation and Community Development Committee  
Page -2-

Based on past direction from the Council, the Public Works Department had initiated discussions with California State University regarding a shared funding arrangement for repair and maintenance of the Guy West Bridge. Correspondence regarding these discussions is shown in Attachment A - a copy of a February 24, 1988 letter from Tom Finley, the Engineering Division Manager; and Attachment B - a copy of the March 21 reply from Mr. Howard Harris, Assistant Vice President in Facilities Management at California State University, Sacramento.

Discussions with Mr. Harris indicated that the Guy West Bridge is predominately used by CSUS students and employees with the remaining usage by the general public, particularly for access to the Jedediah Smith National Recreation Trail along the American River. Mr. Harris' reply indicates that they have no funds available for the 1988/89 Fiscal Year, but that funds may be available for the 1989/90 Fiscal Year beginning July 1, 1989.

#### FINANCIAL DATA

TDA funding that could have been used for other bikeway projects in the City of Sacramento is proposed as the funding source for the Guy West Bridge Project in the 1988/89 CIP. The Transportation Division recommended that the funding of other bikeway projects be deferred to repair this important link in the bikeway system. At present, no funds have been identified to address the on-going maintenance costs, and staff do not know how much these costs may be.

#### RECOMMENDATION

It is recommended that staff contact Mr. Harris and inform him that the City needs some type of definite funding commitment for CSUS participation in repair and maintenance of the Guy West Bridge. In addition, it is recommended that the City Manager contact the president of CSUS, Dr. Donald R. Gerth, and

April 26, 1988  
Budget and Finance/  
Transportation and Community Development Committee  
Page -3-

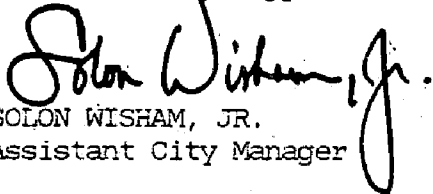
initiate discussions with appropriate State University officials regarding ownership and maintenance of the Guy West Bridge.

Respectfully submitted,



ROBERT L. LEE  
Deputy Director, Public Works-  
Engineering Division

Recommendations Approved:



SOLON WISHAM, JR.  
Assistant City Manager

MK:bd:ls  
CA7-43  
04.1888

Approved:



MELVIN H. JOHNSON  
Director of Public Works

April 26, 1988  
District No. 3



DEPARTMENT OF  
PUBLIC WORKS

ENGINEERING DIVISION

THOMAS M. FINLEY  
ENGINEERING DIVISION MANAGER

February 24, 1988

Mr. Howard Harris, Assistant Vice President  
Facility Management  
California State University Sacramento  
6000 J Street  
Sacramento, CA 95818

RE: Guy West Bridge Repairs and Maintenance (PN:HA51)

Dear Mr. Harris:

As you may be aware, on May 21, 1987 the Guy West Bridge (a pedestrian/bicycle bridge over the American River which connects Campus Commons to California State University Sacramento) was closed due to the failure of three suspender cables which connect the bridge deck to the overhead suspension cables. The cables failed at their connections to the bridge deck. On July 16, 1987, replacement of the failed cables and the immediate surrounding cables (a total of six cables) was completed and the bridge was re-opened for public traffic.

During the bridge closure, all the suspender cables were X-rayed at their connection to the bridge deck. The X-rays showed various degrees of damage to the suspender cables throughout the bridge. With this information the City of Sacramento hired a consultant with a background in engineering failure analysis and cable suspension bridges to investigate the short term repairs and long term maintenance necessary. The preliminary results indicate that approximately \$300,000 should be spent by the end of this summer on repairs to the bridge and an undetermined amount set aside yearly for future maintenance.

The bridge was built in 1966 as part of the Campus Commons Assessment District and turned over to the City upon its completion. It is predominately used by CSUS students and employees with the remaining usage by the general public, particularly in association with nearby Jedediah Smith National Recreation Trail.

In view of the usage of the Guy West Bridge by people associated with California State University Sacramento, it is the City's opinion that an equitable funding arrangement between CSUS and the City for repair and maintenance of the bridge can be arranged. I would like to initiate a discussion with you and your staff regarding the details of a cooperative agreement for the continued repair and

CITY OF SACRAMENTO  
CALIFORNIA

927 TENTH STREET  
ROOM 200  
SACRAMENTO, CA  
95814-2705

916-449-8220

CONSTRUCTION SECTION  
640 BERCLUT DRIVE  
SUITE B  
SACRAMENTO, CA  
95814-0131

916-449-5282

RECEIVED

APR 08 1988

TRANS DIVISION ADMIN.

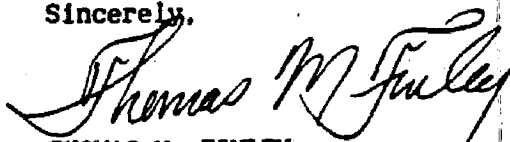
ATTACHMENT A

Mr. Howard Harris  
Guy West Bridge Repairs and Maintenance (PN:HA51)  
Februrary 24, 1988  
Page 2

maintenance of the bridge. Please call me at (918) 449-8220 at your earliest convenience.

Thank you for your time and attention to this matter. I look forward to hearing from you soon.

Sincerely,



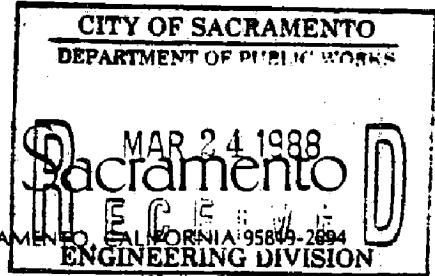
THOMAS M. FINLEY  
Engineering Division Manager

TMF:RW:eh  
ED14-23.E

cc: Melvin H. Johnson, Director of Public Works  
Bob Lee, Transportation Division Manager



# California State University,



6000 J STREET, SACRAMENTO

FACILITIES MANAGEMENT

March 21, 1988

Mr. Thomas M. Finley  
Engineering Division Manager  
Department of Public Works  
City of Sacramento  
927 Tenth Street, Room 200  
Sacramento, CA 95814-2705

Dear Mr. Finley:

Pursuant to our recent conversation, I have discussed funding a portion (about 50%) of the needed cable repairs on the Guy West Bridge with our Capital Projects Planner.

Indications are that funds are not available in the immediate future; but, may be available in Fiscal Year 1989/90 which begins July 1, 1989.

I am, therefore, requesting that you provide an estimate for the repair that is fairly accurate. In your letter, you indicated that costs will be approximately \$300,000. In our conversation, you indicated that repairs were estimated at approximately \$250,000.

Yours truly,

Howard Harris  
Assistant Vice President

HH:sf

cc: Jane Kato  
Robert Bess

ATTACHMENT B