



City of Sacramento City Council

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915 I Street, Sacramento, CA, 95814
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Meeting Date: 5/1/2012

Report Type: Consent

Title: Vinci Avenue Bridge Improvements Project (T15125500)

Report ID: 2012-00336

Location: Vinci Avenue Bridge over Magpie Pie Creek, District 2

Recommendation: Pass a Resolution: 1) establishing the Vinci Avenue Bridge Improvements Project ; and 2) transferring \$289,000 from the Major Street Improvements Program (T15128000) to the project.

Contact: Cecilyn Foote, Associate Civil Engineer (916) 808-6843; Nicholas Theocharides, Engineering Services Manager (916) 808-5065; Department of Transportation

Presenter: None

Department: Transportation Department

Division: Funding & Project Development

Dept ID: 15001121

Attachments:

- 1- Description/Analysis
- 2 - Background Information
- 3 - Resolution
- 4 - Exhibit A - Location Map

City Attorney Review

Approved as to Form
Gerald Hicks
4/16/2012 2:36:32 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
4/11/2012 3:38:32 PM

Approvals/Acknowledgements

Department Director or Designee: Jerry Way - 4/16/2012 11:32:30 AM

Description/Analysis

Issue: The Vinci Avenue Bridge Improvements Project (T15125500) will construct interim improvements that will allow the bridge to be opened to traffic. Once the bridge is utilized by public traffic, the City will have the opportunity to apply for federal funding to replace the bridge.

The establishment of this Capital Improvement Project and the transfer of funds are necessary for the preliminary design, environmental analysis, and construction of the project.

Policy Considerations: This project is in accordance with the City Operating Principles of promoting safety and enhancing livability sustainability, and economic vitality.

Environmental Considerations:

California Environmental Quality Act (CEQA): The establishment of a CIP and transfer of funds are not subject to the provisions of the California Environmental Quality Act (CEQA). Under CEQA general rule 15061-B-3, CEQA applies only to projects which have the potential for causing a significant effect on the environment. These actions will have no effect on the environment, thus are not subject to CEQA.

Sustainability Considerations: This project is consistent with Sustainability Master Plan air quality goals to encourage cleaner air practices through the reduction of congestion.

Other: None.

Commission/Committee Action: None.

Rationale for Recommendation: The design and construction of the Vinci Avenue Bridge Improvements Project (T15125500) will enable the City to compete for federal funding for the ultimate project. The establishment of a Capital Improvement Project and transfer of funds are necessary to pursue this project.

Financial Considerations: The preliminary design, environmental analysis, and construction of the Vinci Avenue Bridge Improvements Project (T15125500) will be funded with \$289,000 from the Major Street Improvements Program (T15128000). There are no general funds planned or allocated for this project.

Emerging Small Business Development (ESBD): None, since no goods or services are being procured with this action.

Background

The Vinci Avenue Bridge has been closed to traffic for many years due to the substandard bridge width, lack of barrier railing, and lack of approach roadway improvements. It would be desirable to open the east-west bridge to traffic in order to provide better access to Raley Boulevard and Interstate 80 for residents and businesses west of the Magpie Creek Diversion. Providing enhanced access would also make several currently vacant parcels west of the Diversion more attractive for potential future development. Because the bridge is not located on an arterial and does not have an accident history, it typically would not be seen as a City Transportation Priority.

The bridge may be eligible for federal funding through FHWA's Highway Bridge Program (HBP). The bridge technically meets federal criteria for HBP eligibility, however, Caltrans/FHWA have refused to fund the project because the bridge is currently closed to traffic. Caltrans/FHWA have advised the City that the bridge will not be considered for HBP funding until it is opened to traffic. It's important to note that because the bridge is off of the federal-aid highway system (i.e. it's classified as a "local road") it is eligible for 100% federal funding, requiring no local match.

In order for the bridge to be opened to traffic, as stipulated by Caltrans, the City will need to construct interim improvements to make the bridge safe for public traffic while the bridge is re-evaluated by Caltrans and programmed into the HBP. It's likely that the interim configuration would be in place for three to seven years before the federal project would implement improvements that would be fully compliant with City Standards.

The reason that Caltrans/FHWA is requiring that the bridge be open prior to federal programming is that HBP eligibility is predicated, in part, on traffic volume. The bridge must carry an ADT of at least 1,000 vehicles per day in order to be eligible. That volume cannot be definitively measured until public traffic is allowed to use the bridge. Based on current land uses, City Traffic Engineering has conducted a cursory analysis and estimated that given existing land uses, an ADT of 1,800 vehicles per day is expected. There is a risk that the actual measured ADT will be less than 1,000 and the bridge will not be eligible for HBP funding. However, given the analysis to date, this seems unlikely.

This Council action will load funds into the project budget for the preliminary design, environmental, and construction phases of this interim project. City staff plans to apply for HBP funds once the bridge is open to public traffic and carries a minimum average daily traffic (ADT) of 1,000 vehicles per day.



RESOLUTION NO.

Adopted by the Sacramento City Council

VINCI AVENUE BRIDGE IMPROVEMENTS PROJECT (T15125500)

BACKGROUND

- A. The Vinci Avenue Bridge has been closed to traffic for many years due to the substandard bridge width, lack of barrier railing, and lack of approach roadway improvements. It would be desirable to open the east-west bridge to traffic in order to provide better access to Raley Boulevard and Interstate 80 for residents and businesses west of the Magpie Creek Diversion. Providing enhanced access would also make several currently vacant parcels west of the Diversion more attractive for potential future development.
- B. The bridge may be eligible for federal funding through FHWA's Highway Bridge Program (HBP). The bridge technically meets federal criteria for HBP eligibility, however, Caltrans/FHWA have refused to fund the project because the bridge is currently closed to traffic. Caltrans/FHWA have advised the City that the bridge will not be considered for HBP funding until it is opened to traffic. It's important to note that because the bridge is off of the federal-aid highway system (i.e. it's classified as a "local road") it is eligible for 100% federal funding, requiring no local match.
- C. In order for the bridge to be opened to traffic, the City will construct interim improvements to make the bridge safe for public traffic while the bridge is re-evaluated by Caltrans and programmed into the HBP. It's likely that the interim configuration would be in place for three to seven years before the federal project would implement improvements that would be fully compliant with City Standards.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The Vinci Avenue Bridge Improvements Project (T15125500) is established as a new Capital Improvement Project.
- Section 2. The FY11/12 Capital Improvement Program budget is amended by transferring \$289,000 from the Major Street Improvements Program (T15128000) to the Vinci Avenue Bridge Improvements Project (T15125500).
- Section 3. Exhibit A is hereby incorporated into and is a part of this Resolution.

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Exhibit A: Map of Vinci Avenue Bridge Improvements Project



EXHIBIT A

Location Map for

Vinci Avenue Bridge Improvements Project (T15125500)

