



City of Sacramento City Council

915 I Street, Sacramento, CA, 95814
www.CityofSacramento.org

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Meeting Date: 3/22/2011

Report Type: Consent

Title: Contract: Bridge Deck Rehabilitation Project

Report ID: 2011-00251

Location: Citywide

Recommendation: Adopt a Resolution 1) establishing the Bridge Deck Rehabilitation Project (T15116500) as a new Capital Improvement Program; 2) transferring funds in the amount of \$480,000 from the I, J, Jiboom Street Viaduct Maintenance Project (T15115600) to the Bridge Deck Rehabilitation Project (T15116500); 3) approving the project specifications for the Bridge Deck Rehabilitation Project (T15116500); 4) awarding the contract to Truesdell Corporation for an amount not to exceed \$338,353; 5) authorizing the City Manager to execute the contract; 6) amending the FY10/11 Capital Improvement Program (CIP) by amending the funding source of several transportation program budgets; and 7) amending the FY10/11 Department of Transportation Streets Operating Budget Interfund Reimbursement Accounts by replacing Gas Tax with Traffic Congestion Relief (AB2928) funds.

Contact: Josh Werner, Assistant Engineer (916) 808-8158; Nicholas Theocharides, Engineering Division Manager (916) 808-5065, Department of Transportation

Presenter: None

Department: Transportation Department

Division: Funding & Project Development

Dept ID:

Attachments:

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

City Attorney Review

Approved as to Form
Jerry Hicks
3/8/2011 4:29:18 PM

City Treasurer Review

Prior Council Financial Policy Approval or
Outside City Treasurer Scope
Janelle Gray
3/3/2011 12:56:51 PM

Approvals/Acknowledgements

Department Director or Designee: Jerry Way - 3/7/2011 1:05:07 PM

Assistant City Manager: Cassandra Jennings - 3/8/2011 12:21:57 PM



Description/Analysis

Issue: Traffic Congestion Relief funds were allocated by the State on a fiscal year basis and are required to be fully expended by the end of the fiscal year following receipt of the funds. Staff is recommending that the FY10/11 Capital Improvement Program be amended to change the funding sources of several project budgets, and that the FY10/11 Department of Transportation Street Services Operating Budget Interfund Reimbursement Accounts be amended to replace Gas Tax with Traffic Congestion Relief (AB2928). These transfers swap eligible transportation funds and are necessary to ensure compliance with expenditure requirements by June 30, 2011.

The recommended transfers do not affect the overall bridge maintenance program for FY10/11. The purpose of the program is to extend the service life of City bridges by performing preventative maintenance. Multiple bridges in the City of Sacramento require a deck seal to prevent water penetration. The establishment of the Bridge Decking Rehabilitation Project (T15116500) will complete the maintenance needs on the bridges referenced within the background section of this report.

Policy Considerations: The establishment of the CIP and the award of the construction contract are consistent with the Strategic Planning Focus Area of Sustainability and Livability.

Environmental Considerations:

California Environmental Quality Act (CEQA): Establishment of a Capital Improvement Project and the transfer of funds are not subject to the provisions of the California Environmental Quality Act (CEQA) under the general rule (Section 15061 (b)(3)) that CEQA applies only to projects that have the potential for causing a significant effect on the environment.

The Community Development Department, Environmental Planning Services Division has reviewed the Bridge Deck Rehabilitation Project (T15116500) and determined that it is exempt from the provisions of the California Environmental Quality Act (CEQA) under Class 1, Section 15301(c).

Projects exempted under Class 1, Section 15301(c) consist of the operation, repair or minor alteration to existing highways and streets, sidewalks, bicycle and pedestrian trails, and similar facilities.

Sustainability Considerations: Maintenance of these bridges meets the City's sustainability goals by preventing further deterioration and extending the lifetime of these bridges.

Other: None.

Commission/Committee Action: None.

Rationale for Recommendation: The bridges listed within the background section of this report are in need of multiple maintenance activities. The proposed maintenance will increase the service life of the bridges.

Financial Considerations: Staff recommends that the FY10/11 Capital Improvement Program be amended by adjusting the following transportation program budgets in the amount of \$480,000.

	<u>FY10/11 Budget</u>	<u>Proposed Program</u>
T15115600- I, J, Jiboom Street Viaduct Maintenance	\$610,000	\$130,000
T15116500- Bridge Deck Rehabilitation Project	\$0	\$480,000

As of February 23, 2011, the I, J, Jiboom Street Viaduct Maintenance Project (T15115600) has sufficient funding to support the transfer of \$480,000 and complete the construction phase.

Due to the June 30, 2011 expiration date of the Traffic Congestion Relief Allocation, staff recommends that the FY10/11 Department of Transportation Street Services Operating Budget Interfund Reimbursement Accounts be amended to replace Gas Tax in the amount of \$1,000,000 with Traffic Congestion Relief (AB2928) in the amount of \$1,000,000.

To complete the Interfund Reimbursement Account replacement, staff recommends funds in the following four projects be replaced with Gas Tax.

T15112300- Bridge Construction and Maintenance	\$ 199,060
T15115600- I, J, Jiboom Street Viaduct Maintenance	\$ 130,000
T15115700-Howe Ave Bridge Maintenance	\$ 190,940
T15116500-Bridge Deck Rehabilitation	<u>\$ 480,000</u>
	\$1,000,000

Emerging Small Business Development (ESBD): The City’s ESBE goal is 20%. To encourage small and emerging business participation, plans and specifications were sent to 19 plan rooms and construction service organizations for publication. All are directly involved with ESBE construction firms. The project was also announced on the City’s Project Internet site at www.cityofsacramento.org/bids. Truesdell Corporation’s certified ESBE participation is 35.6%.



Background:

Traffic Congestion Relief funds were allocated by the State on a fiscal year basis and are required to be fully expended by the end of the fiscal year following of receipt of funds. Some funds programmed in CIPs need to expended by June 30, 2011, Staff evaluated the projects receiving this funding and has determined that in order to meet the expenditure deadline that reprogramming is required. The recommendations within the report do not affect the overall bridge maintenance program goals and program objectives.

Bridge Deck Rehabilitation Project (T15116500)

Staff recommends that the FY10/11 Capital Improvement Program be amended by adjusting the following transportation program budget in the amount of \$480,000.

	<u>FY10/11 Budget</u>	<u>Proposed Program</u>
T15115600- I, J, Jiboom Street Viaduct Maintenance	\$610,000	\$130,000
T15116500- Bridge Deck Rehabilitation Project	\$0	\$480,000

As of February 23, 2011, the I, J, Jiboom Street Viaduct Maintenance Project (T15115600) has sufficient funding to support the transfer of \$480,000 and complete the construction phase.

Caltrans inspects the City of Sacramento bridges and provides inspection reports with recommended work. An inventory was done on all the bridges in the City, and the work that is required. The maintenance needs of each bridge were prioritized based on the benefit to the service life of the structures. All of the listed bridges have deck cracking and require a deck seal to prevent water penetration and deterioration to the structural elements of the bridges.

The following is a list of bridges that require a deck seal to prevent water penetration and deterioration to the structural elements of the bridges:

Bridge #	Location
24C-0114	Franklin Blvd over North Fork Elder Ck
24C-0124R	Del Paso Rd over East Drainage Canal
24C-0136	Rio Linda Blvd over Rio Linda Creek
24C-0252	Mack Road over Morrison Creek
24C-0253	Marysville Blvd over Arcade Creek
24C-0292	Gloria Dr over Main Canal
24C-0294	Wynham Dr over Union House Creek
24C-0377	Jessie Ave over Magpie Creek
24C-0521	Franklin Blvd over Union House Creek
24C-0107L	Howe Ave over American River
24C-0107R	Howe Ave over American River

24C-0142L	Howe Ave over La Rivera Dr
24C-0142R	Howe Ave over La Rivera Dr
24C-0143L	Howe Ave over University Ave
24C-0143R	Howe Ave over University Ave
24C-0006	Jiboom Street Viaduct
24C-0364L	I Street Viaduct
24C-0364R	J Street Viaduct

In addition to sealing the deck cracks, there are also a few miscellaneous maintenance items on these bridges that will be addressed with this project:

- The Howe Avenue bridges and El Camino Avenue bridges over Union Pacific Railroad (UPRR) have a worn asphaltic concrete overlay that needs to be removed prior to sealing deck cracks.
- The Del Paso Road over East Drainage Canal and Howe Avenue over La Riviera bridges have worn joint seals that do not allow the bridges to properly expand and contract.
- The Howe Avenue over University Avenue and Mack Road over Morrison Creek bridges need clearing of tree limbs and other plant removal.

The Bridge Deck Rehabilitation Project (T15116500) was advertised and bids were received. The bids are summarized below:

Contractor	Total Bid	% SBE	% EBE
Truesdell Corporation	\$338,353.00	15.5%	20.1%
American Civil Constructors	\$339,923.80	33.1%	
Bay Line Cutting	\$378,050.00	21.4%	30.7%
Victory Engineers	\$391,421.75	100.0%	
DeBruin Construction	\$401,634.79	26.7%	
Ashron Construction and Restoration	\$514,586.15	59.0%	
Myer's & Sons Construction	\$532,314.00	4.3%	

Truesdell Corporation is the lowest responsive and responsible bidder for the deck seal work.

FY10/11 Budget Adjustments

Due to the June 30, 2011 expiration date of the Traffic Congestion Relief Allocation, staff recommends that the FY10/11 Department of Transportation Street Services Operating Budget Interfund Reimbursement Accounts be amended to replace Gas Tax in the amount of \$1,000,000 with Traffic Congestion Relief (AB2928) in the amount of \$1,000,000.

To complete the Interfund Reimbursement Account replacement, staff recommends that funds in the following four projects be replaced with gas tax:

T15112300 - Bridge Construction and Maintenance	\$ 199,060
T15115600 - I, J, Jiboom Street Viaduct Maintenance	\$ 130,000
T15115700 - Howe Ave Bridge Maintenance	\$ 190,940
T15116500 - Bridge Deck Rehabilitation	<u>\$ 480,000</u>
	\$1,000,000



RESOLUTION NO.

Adopted by the Sacramento City Council

ESTABLISH A CAPITAL IMPROVEMENT PROJECT, TRANSFER OF FUNDS, CONTRACT AWARD, AND TRAFFIC CONGESTION RELIEF (AB2928) PROGRAMMING

BACKGROUND

- A. The City Council approved allocation of Traffic Congestion Relief Fund (AB2928) into various capital improvement projects. The FY09/10 allocation had an expiration date of June 30, 2011. Staff evaluated the projects receiving this funding and has determined that in order to meet the expenditure deadline that reprogramming is required. The recommendations within the report do not affect the overall bridge maintenance program goals and program objectives.
- B. Various Bridges in the City’s inventory require maintenance in the form of deck sealing.
- C. Truesdell Corporation is the lowest responsive and responsible bidder for the deck seal work.

Contractor	Total Bid	% SBE	% EBE
Truesdell Corporation	\$338,353.00	15.5%	20.1%
American Civil Constructors	\$339,923.80	33.1%	
Bay Line Cutting	\$378,050.00	21.4%	30.7%
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Ashron Construction and Restoration	\$514,586.15	59.0%	
Myer’s & Sons Construction	\$532,314.00	4.3%	

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

- Section 1. The Bridge Deck Rehabilitation Project (T15116500) is established as a new Capital Improvement Project.
- Section 2. The FY10/11 Capital Improvement Program budget is amended by transferring \$480,000 (Fund 2009) from I, J, Jiboom Street Viaducts Maintenance Project (T15115600) to the Bridge Deck Rehabilitation Project (T15116500).
- Section 3. The contract specifications for the Bridge Deck Rehabilitation Project (T15116500) are approved.

- Section 4. The contract for the Bridge Deck Rehabilitation Project (T15116500) is awarded to Truesdell Corporation for an amount not to exceed \$338,353.
- Section 5. The City Manager is authorized to execute the contract with Truesdell Corporation.
- Section 6. The FY10/11 Department of Transportation Street Services Operating Budget is amended by replacing Gas Tax in the amount of \$1,000,000 with Traffic Congestion Relief (AB2928) in the amount of \$1,000,000.
- Section 7. The FY10/11 Capital Improvement Program budget is amended by amending the funding source of the Bridge Construction and Maintenance Project (T15112300), the I, J, Jiboom Street Viaduct Maintenance (T15115600), the Howe Ave Bridge Maintenance Project (T15115700) and the Bridge Deck Rehabilitation Project (T15116500) from Traffic Congestion Relief (AB2928) to Gas Tax.

