



# REPORT TO COUNCIL

## City of Sacramento

# 18

915 I Street, Sacramento, CA 95814-2604  
www.CityofSacramento.org

Consent  
May 19, 2009

Honorable Mayor and  
Members of the City Council

**Title:** Agreement: State Trade Corridor Improvement Funds (T15029005)

**Location/Council District:** Downtown Railyards, Central City, District 1.

**Recommendation:** Adopt a **Resolution** authorizing the City Manager to execute a revised agreement with the California Transportation Commission and California Department of Transportation that incorporates additional funding received.

**Contact:** Hinda Chandler, Senior Architect, (916) 808-8422; Fran Halbakken, Operations Manager, (916) 808-7194

**Presenters:** None

**Department:** Transportation

**Division:** Office of the Director

**Organization No:** 15001041

### Description/Analysis

**Issue:** In March 2009, as part of the Sacramento track relocation, the City was awarded an additional \$5.266 million in State Trade Corridor Improvement Funds (TCIF) to be used for provision of a pedestrian/bicycle tunnel. Execution of a revised baseline agreement is necessary to receive the total \$25,266,000 in TCIF funding.

**Policy Considerations:** The action requested is consistent with the City of Sacramento Strategic Plan goal of enhancing livability.

### Environmental Considerations:

**California Environmental Quality Act (CEQA):** This report concerns administrative activities that will not have a significant effect on the environment, and does not constitute a "project" as defined by CEQA [CEQA Guidelines].



Sections 15061 (b) (3); 15378 (b) (2)]. Activities funded in part or whole with grant funds will undergo appropriate environmental review.

**Sustainability Considerations:** Relocation of the tracks will contribute to the development of the Sacramento Intermodal Transportation Facility and improving opportunities for public transit and passenger rail operations.

**Commission/Committee Action:** None.

**Rationale for Recommendation:** Execution of this agreement is necessary to continue work on the Track Relocation project.

**Financial Considerations:** Construction cost for the Track Relocation project (T15029005) is estimated at approximately \$56 million. In addition, the proposed pedestrian/bicycle tunnel, known as the West Tunnel, is estimated to cost approximately \$10.533 million total for design and construction. In 2008, the City applied for and was recommended to receive \$20 million in TCIF funds for Track Relocation as part of the State's Proposition 1B program. In early 2009, the City applied for and was recommended to receive an additional \$5.266 million in TCIF funds for the West Tunnel.

TCIF funds require a one-to-one match of non-State funds. To provide the match for the Track Relocation, the City will use the anticipated \$20 million in federal stimulus funds received under the American Recovery and Reinvestment Act (ARRA). For the West Tunnel match, the following will be used: developer funds - \$3.967 million; Downtown Tax Increment Funds - \$1 million; and, Park Development Impact Fees (as approved in City Council Resolution No. 2009-064) - \$.3 million. Additional reports will be brought to City Council to appropriate this funding at later dates.

The balance of the funding for Track Relocation will be sought through sources that include additional federal funding programs, a separate Prop 1B program, developer participation (per an approved agreement) and Measure A.

**Emerging Small Business Development (ESBD):** Not applicable at this time.

Respectfully Submitted by: Francesca Lee Halbakken

Francesca L. Halbakken  
Operations Manager

Approved by: Jerry Way

Jerry Way  
Director of Transportation

Recommendation Approved:

Ray Kerridge

Ray Kerridge  
City Manager

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| 4                  | Exhibit B – Trade Corridor Improvement<br>Funds (TCIF) Agreement | Pg. 7 |

**Attachment 1****Background Information:**

The initial phase of the Sacramento Intermodal Transportation Facility (SITF) project consists of relocating and straightening the mainline Union Pacific freight and passenger rail tracks that pass through the Sacramento Railyards and serve the Sacramento Valley Station. These improvements will allow for increased capacity, safety and improved operations for both freight trains and passenger service on the shared Union Pacific line between Nevada and the Sacramento region.

On June 17, 2008, the City Council approved execution of the initial TCIF baseline agreement for Track Relocation and in July 2008, it was approved by the California Transportation Commission (CTC). In early 2009, additional TCIF funds became available and were approved for this scope addition that provides for a pedestrian/bicycle tunnel to connect Old Sacramento and the Central Shops. It fits the objectives of the TCIF program to facilitate goods movement and increase safety while reducing at-grade crossings.

The West Tunnel must be constructed in conjunction with the Track Relocation project. Union Pacific Railroad is requiring all undercrossings of the new track be completed before the new alignment becomes operational, and it is a requirement of the Railyards development project to improve connectivity across the rail corridor. The West Tunnel was cleared in the Railyards Specific Plan Environmental Impact Report (RSP EIR) that was certified in December 2007, and is included in the federal environmental assessment for Track Relocation now underway.

The total track relocation project is estimated to cost approximately \$56 million to construct, while the West Tunnel is estimated at approximately \$10.533 million. To date, the City applied for and received \$20 million in TCIF funds as part of the State Proposition 1B program; \$20 million in American Recovery and Reinvestment Funds (ARRA); and, \$1.342 million in Section 9002 Federal Railroad Administration (FRA) funds. Additional funding will be obtained from other federal funding programs, a separate Prop 1B program, developer participation (per an approved agreement) and Measure A.

For the pedestrian/bicycle tunnel, the funding sources include: TCIF - \$5.266 million; developer funds - \$3.967 million; Downtown Tax Increment Funds - \$1 million; and, Park Development Impact Fees - \$.3 million. The park fees, which Thomas Enterprises committed to for the Market Plaza Park design, will be used for the design of the tunnel that is part of the Old Sacramento-Central Shops Multi-Use Trail that serves the Plaza. This was approved February 3, 2009 by City Council Resolution No. 2009-064, and these funds were appropriated to the West Pedestrian Tunnel project (T15029030/CF41).

**Attachment 2**

**RESOLUTION NO.**

Adopted by the Sacramento City Council

**AUTHORIZE AGREEMENT FOR THE STATE TRADE  
CORRIDOR IMPROVEMENT FUNDS (CF48 / T15029005)**

**BACKGROUND**

- A. The City was awarded an additional \$5.266 million in State Trade Corridor Improvement Funds (TCIF) toward provision of the West Tunnel, a pedestrian/bicycle tunnel under the realigned tracks, to be provided in conjunction with the Sacramento Intermodal Track Relocation TCIF project.
- B. A revised baseline agreement needs to be established with the California Transportation Commission and California Department of Transportation for programming those funds.

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

- Section 1. The City Manager or designee is authorized to execute various Agreements as required with the California Transportation Commission and California Department of Transportation to allocate Trade Corridor Improvement Funds (TCIF) funds (Fund 3704) to the Track Relocation project (T15029005).
- Section 2. The City will provide matching funding for the additional scope of the project through developer contributions, Downtown Tax Increment funds and other local funds.

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Exhibit A – Location Map

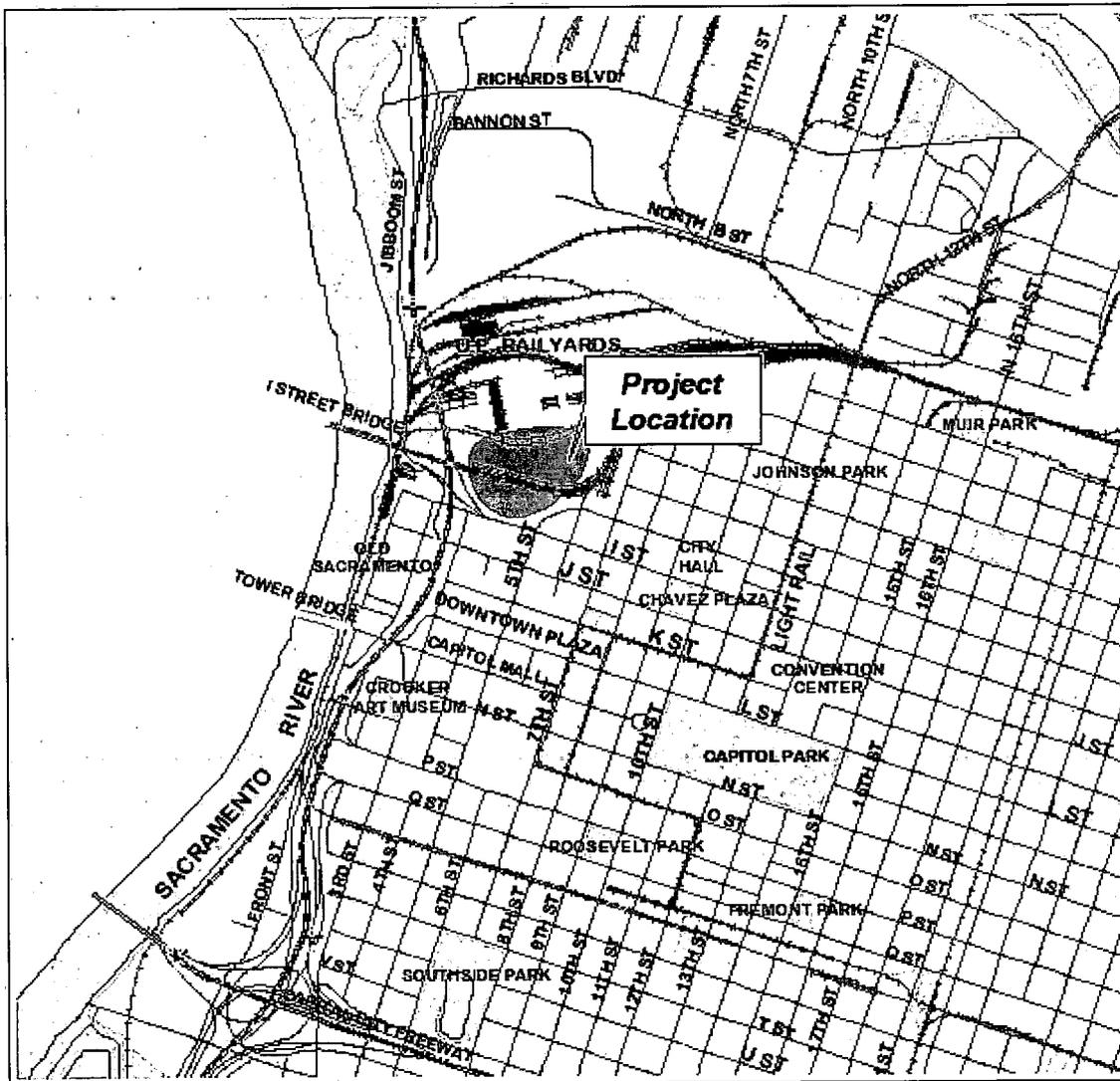
Exhibit B – Trade Corridor Improvement Funds (TCIF) Agreement

Exhibit A

Attachment A

Location Map for

**SACRAMENTO INTERMODAL  
TRANSPORTATION FACILITY (SITF)  
(PN:CF41)**



Map Contact: S. Tobin  
Date: October, 2003

1000 0 1000 2000 Feet



**TRADE CORRIDOR IMPROVEMENT FUND  
PROJECT BASELINE AGREEMENT AMENDMENT #1**

The Project Baseline Agreement provisions for the Sacramento Intermodal Track Relocation, effective on July 1, 2008, made by and between the California Transportation Commission, the California Department of Transportation, and the City of Sacramento remain in affect except for the following sections:

**4. SPECIFIC PROVISIONS AND CONDITIONS**

**4.1 Project Schedule and Cost**

See Project Programming Request Form, attached as Exhibit A.

**4.2 Project Scope**

See Project Study Report/Project Study Report Equivalent, attached as Exhibit B.

**4.3 Project Benefits**

See Project Benefits Form, attached as Exhibit C.

**TRADE CORRIDORS IMPROVEMENT FUND  
PROJECT BASELINE AGREEMENT AMENDMENT #1**

**Sacramento Intermodal Track Relocation**

**CITY OF SACRAMENTO**  
A Municipal Corporation

By: \_\_\_\_\_

Print name: \_\_\_\_\_  
Assistant City Manager

For: Ray Kerridge, City Manager

APPROVED TO AS FORM:

\_\_\_\_\_  
City Attorney

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Name Date  
Title  
Sacramento Area Council of Governments

\_\_\_\_\_  
Will Kempton Date  
Director  
California Department of Transportation

\_\_\_\_\_  
Bimla Rhinehart Date  
Executive Director  
California Transportation Commission

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**Exhibit A**

**Sacramento Intermodal Track Relocation**

**Project Programming Request Form**



## 2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 02/10/09

|   |             |      |                  |    |
|---|-------------|------|------------------|----|
| County  | CT District | PPNO | TCRP Project No. | EA |
| SAC   | 03          |      |                  |    |
| Project Title: Sacramento Intermodal Track Relocation |             |      |                  |    |

| Existing Total Project Cost |       |       |        |       |       |       |        | Implementing Agency |        |
|-----------------------------|-------|-------|--------|-------|-------|-------|--------|---------------------|--------|
| Component                   | Prior | 08/09 | 09/10  | 10/11 | 11/12 | 12/13 | 13/14+ |                     | Total  |
| E&P (PA&ED)                 |       |       |        |       |       |       |        |                     |        |
| PS&E                        |       |       |        |       |       |       |        |                     |        |
| R/W SUP (CT)                |       |       |        |       |       |       |        |                     |        |
| CON SUP (CT)                |       |       |        |       |       |       |        |                     |        |
| R/W                         |       |       |        |       |       |       |        |                     |        |
| CON                         |       |       |        |       |       |       |        |                     |        |
| TOTAL                       |       |       |        |       |       |       |        |                     |        |
| Proposed Total Project Cost |       |       |        |       |       |       |        | City of Sacramento  |        |
| E&P (PA&ED)                 | 2,000 |       |        |       |       |       |        |                     | 2,000  |
| PS&E                        |       | 5,499 |        |       |       |       |        |                     | 5,499  |
| R/W SUP (CT)                |       |       |        |       |       |       |        |                     |        |
| CON SUP (CT)                |       |       |        |       |       |       |        |                     |        |
| R/W                         |       |       |        |       |       |       |        |                     |        |
| CON                         |       |       | 54,618 |       |       |       |        |                     | 54,618 |
| TOTAL                       | 2,000 | 5,499 | 54,618 |       |       |       |        | 62,117              |        |

| Fund No. 1:      | Existing Funding |       |       |       |       |       |        |       | Program Code                 |
|------------------|------------------|-------|-------|-------|-------|-------|--------|-------|------------------------------|
| Component        | Prior            | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | Funding Agency               |
| E&P (PA&ED)      |                  |       |       |       |       |       |        |       | Sacramento Sales Tax Measure |
| PS&E             |                  |       |       |       |       |       |        |       |                              |
| R/W SUP (CT)     |                  |       |       |       |       |       |        |       |                              |
| CON SUP (CT)     |                  |       |       |       |       |       |        |       |                              |
| R/W              |                  |       |       |       |       |       |        |       |                              |
| CON              |                  |       |       |       |       |       |        |       |                              |
| TOTAL            |                  |       |       |       |       |       |        |       |                              |
| Proposed Funding |                  |       |       |       |       |       |        | Notes |                              |
| E&P (PA&ED)      | 1,500            |       |       |       |       |       |        | 1,500 |                              |
| PS&E             |                  |       |       |       |       |       |        |       |                              |
| R/W SUP (CT)     |                  |       |       |       |       |       |        |       |                              |
| CON SUP (CT)     |                  |       |       |       |       |       |        |       |                              |
| R/W              |                  |       |       |       |       |       |        |       |                              |
| CON              |                  |       |       |       |       |       |        |       |                              |
| TOTAL            | 1,500            |       |       |       |       |       |        | 1,500 |                              |

| Fund No. 2:      | Existing Funding |       |       |       |       |       |        |       | Program Code   |
|------------------|------------------|-------|-------|-------|-------|-------|--------|-------|----------------|
| Component        | Prior            | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | Funding Agency |
| E&P (PA&ED)      |                  |       |       |       |       |       |        |       | FHWA - CMAQ    |
| PS&E             |                  |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |                  |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |                  |       |       |       |       |       |        |       |                |
| R/W              |                  |       |       |       |       |       |        |       |                |
| CON              |                  |       |       |       |       |       |        |       |                |
| TOTAL            |                  |       |       |       |       |       |        |       |                |
| Proposed Funding |                  |       |       |       |       |       |        | Notes |                |
| E&P (PA&ED)      | 500              |       |       |       |       |       |        | 500   |                |
| PS&E             |                  | 4,584 |       |       |       |       |        | 4,584 |                |
| R/W SUP (CT)     |                  |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |                  |       |       |       |       |       |        |       |                |
| R/W              |                  |       |       |       |       |       |        |       |                |
| CON              |                  |       |       |       |       |       |        |       |                |
| TOTAL            | 500              | 4,584 |       |       |       |       |        | 5,084 |                |



## 2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 02/10/09

| County   | CT District | PPNO | TCRP Project No. | EA |
|--|-------------|------|------------------|----|
| SAC  | 03          |      |                  |    |
| <b>Project Title:</b> Sacramento Intermodal Track Relocation |             |      |                  |    |

| Fund No. 3:      |       |       |        |       |       |       |        |        | Program Code  |
|------------------|-------|-------|--------|-------|-------|-------|--------|--------|---|
| Existing Funding |       |       |        |       |       |       |        |        | Funding Agency  |
| Component        | Prior | 08/09 | 09/10  | 10/11 | 11/12 | 12/13 | 13/14+ | Total  |   |
| E&P (PA&ED)      |       |       |        |       |       |       |        |        | FRA - 9002  |
| PS&E             |       |       |        |       |       |       |        |        |   |
| R/W SUP (CT)     |       |       |        |       |       |       |        |        |   |
| CON SUP (CT)     |       |       |        |       |       |       |        |        |   |
| R/W              |       |       |        |       |       |       |        |        |   |
| CON              |       |       |        |       |       |       |        |        |   |
| <b>TOTAL</b>     |       |       |        |       |       |       |        |        |   |
| Proposed Funding |       |       |        |       |       |       |        |        | Notes   |
| E&P (PA&ED)      |       |       |        |       |       |       |        |        | Sect 9002 allocation of \$400k approved; FY09/10 \$19.6 approps request; backfill with sales tax if not allocated |
| PS&E             |       | 400   |        |       |       |       |        | 400    |   |
| R/W SUP (CT)     |       |       |        |       |       |       |        |        |   |
| CON SUP (CT)     |       |       |        |       |       |       |        |        |   |
| R/W              |       |       |        |       |       |       |        |        |   |
| CON              |       |       | 19,600 |       |       |       |        | 19,600 |   |
| <b>TOTAL</b>     |       | 400   | 19,600 |       |       |       |        | 20,000 |   |

| Fund No. 4:      |       |       |        |       |       |       |        |        | Program Code   |
|------------------|-------|-------|--------|-------|-------|-------|--------|--------|--|
| Existing Funding |       |       |        |       |       |       |        |        | Funding Agency   |
| Component        | Prior | 08/09 | 09/10  | 10/11 | 11/12 | 12/13 | 13/14+ | Total  |  |
| E&P (PA&ED)      |       |       |        |       |       |       |        |        | TCIF   |
| PS&E             |       |       |        |       |       |       |        |        |  |
| R/W SUP (CT)     |       |       |        |       |       |       |        |        |  |
| CON SUP (CT)     |       |       |        |       |       |       |        |        |  |
| R/W              |       |       |        |       |       |       |        |        |  |
| CON              |       |       |        |       |       |       |        |        |  |
| <b>TOTAL</b>     |       |       |        |       |       |       |        |        |  |
| Proposed Funding |       |       |        |       |       |       |        |        | Notes  |
| E&P (PA&ED)      |       |       |        |       |       |       |        |        | Amended previous \$20m TCIF, added \$5.266m for 50% West tunnel construction |
| PS&E             |       |       |        |       |       |       |        |        |  |
| R/W SUP (CT)     |       |       |        |       |       |       |        |        |  |
| CON SUP (CT)     |       |       |        |       |       |       |        |        |  |
| R/W              |       |       |        |       |       |       |        |        |  |
| CON              |       |       | 25,266 |       |       |       |        | 25,266 |  |
| <b>TOTAL</b>     |       |       | 25,266 |       |       |       |        | 25,266 |  |

| Fund No. 5:      |       |       |       |       |       |       |        |       | Program Code   |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Existing Funding |       |       |       |       |       |       |        |       | Funding Agency   |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total |  |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       | Developer  |
| PS&E             |       |       |       |       |       |       |        |       |  |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |  |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |  |
| R/W              |       |       |       |       |       |       |        |       |  |
| CON              |       |       |       |       |       |       |        |       |  |
| <b>TOTAL</b>     |       |       |       |       |       |       |        |       |  |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes  |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       | Developer contribution per approved and recorded agreement with City |
| PS&E             |       | 215   |       |       |       |       |        | 215   |  |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |  |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |  |
| R/W              |       |       |       |       |       |       |        |       |  |
| CON              |       |       | 8,752 |       |       |       |        | 8,752 |  |
| <b>TOTAL</b>     |       | 215   | 8,752 |       |       |       |        | 8,967 |  |



## 2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 02/10/09

| County   | CT-District | PPNO | TCRP-Project No. | EA |
|--|-------------|------|------------------|----|
| SAC  | 03          |      |                  |    |
| <b>Project Title:</b> Sacramento Intermodal Track Relocation |             |      |                  |    |

| Fund No. 6:      |       |       |       |       |       |       |        |       | Program Code           |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|------------------------|
| Existing Funding |       |       |       |       |       |       |        |       | Funding Agency         |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | Downtown Tax Increment |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                        |
| PS&E             |       |       |       |       |       |       |        |       |                        |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                        |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                        |
| R/W              |       |       |       |       |       |       |        |       |                        |
| CON              |       |       |       |       |       |       |        |       |                        |
| <b>TOTAL</b>     |       |       |       |       |       |       |        |       |                        |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes                  |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                        |
| PS&E             |       |       |       |       |       |       |        |       |                        |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                        |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                        |
| R/W              |       |       |       |       |       |       |        |       |                        |
| CON              |       |       | 1,000 |       |       |       |        | 1,000 |                        |
| <b>TOTAL</b>     |       |       | 1,000 |       |       |       |        | 1,000 |                        |

| Fund No. 7:      |       |       |       |       |       |       |        |       | Program Code                           |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| Existing Funding |       |       |       |       |       |       |        |       | Funding Agency                         |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | City of Sacramento                     |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |  |
| PS&E             |       |       |       |       |       |       |        |       |  |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |  |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |  |
| R/W              |       |       |       |       |       |       |        |       |  |
| CON              |       |       |       |       |       |       |        |       |  |
| <b>TOTAL</b>     |       |       |       |       |       |       |        |       |  |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes                                  |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       | Estimate \$300k for West Tunnel design |
| PS&E             |       | 300   |       |       |       |       |        | 300   |  |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |  |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |  |
| R/W              |       |       |       |       |       |       |        |       |  |
| CON              |       |       |       |       |       |       |        |       |  |
| <b>TOTAL</b>     |       | 300   |       |       |       |       |        | 300   |  |

| Fund No. 8:      |       |       |       |       |       |       |        |       | Program Code   |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|----------------|
| Existing Funding |       |       |       |       |       |       |        |       | Funding Agency |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total |                |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| <b>TOTAL</b>     |       |       |       |       |       |       |        |       |                |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes          |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| <b>TOTAL</b>     |       |       |       |       |       |       |        |       |                |



## 2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 02/10/09

|   |             |      |                  |    |
|---|-------------|------|------------------|----|
| County  | CT-District | PPNO | TCRP Project No. | EA |
| SAC   | 03          |      |                  |    |
| Project Title: Sacramento Intermodal Track Relocation |             |      |                  |    |

|                  |       |       |       |       |       |       |        |       |                |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|----------------|
| Fund No. 9:      |       |       |       |       |       |       |        |       | Program Code   |
| Existing Funding |       |       |       |       |       |       |        |       |                |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | Funding Agency |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| TOTAL            |       |       |       |       |       |       |        |       |                |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes          |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| TOTAL            |       |       |       |       |       |       |        |       |                |

|                  |       |       |       |       |       |       |        |       |                |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|----------------|
| Fund No. 10:     |       |       |       |       |       |       |        |       | Program Code   |
| Existing Funding |       |       |       |       |       |       |        |       |                |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | Funding Agency |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| TOTAL            |       |       |       |       |       |       |        |       |                |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes          |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| TOTAL            |       |       |       |       |       |       |        |       |                |

|                  |       |       |       |       |       |       |        |       |                |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|----------------|
| Fund No. 11:     |       |       |       |       |       |       |        |       | Program Code   |
| Existing Funding |       |       |       |       |       |       |        |       |                |
| Component        | Prior | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14+ | Total | Funding Agency |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| TOTAL            |       |       |       |       |       |       |        |       |                |
| Proposed Funding |       |       |       |       |       |       |        |       | Notes          |
| E&P (PA&ED)      |       |       |       |       |       |       |        |       |                |
| PS&E             |       |       |       |       |       |       |        |       |                |
| R/W SUP (CT)     |       |       |       |       |       |       |        |       |                |
| CON SUP (CT)     |       |       |       |       |       |       |        |       |                |
| R/W              |       |       |       |       |       |       |        |       |                |
| CON              |       |       |       |       |       |       |        |       |                |
| TOTAL            |       |       |       |       |       |       |        |       |                |



## 2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 02/10/09

|  |                    |             |                         |           |
|--|--------------------|-------------|-------------------------|-----------|
| <b>County</b>  | <b>CT District</b> | <b>PPNO</b> | <b>TCRP Project No.</b> | <b>EA</b> |
| SAC  | 03                 |             |                         |           |
| <b>Project Title:</b> Sacramento Intermodal Track Relocation |                    |             |                         |           |

|                         |              |              |              |              |              |              |               |              |                       |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|-----------------------|
| <b>Fund No. 12:</b>     |              |              |              |              |              |              |               |              | <b>Program Code</b>   |
| <b>Existing Funding</b> |              |              |              |              |              |              |               |              |                       |
| <b>Component</b>        | <b>Prior</b> | <b>08/09</b> | <b>09/10</b> | <b>10/11</b> | <b>11/12</b> | <b>12/13</b> | <b>13/14+</b> | <b>Total</b> | <b>Funding Agency</b> |
| E&P (PA&ED)             |              |              |              |              |              |              |               |              |                       |
| PS&E                    |              |              |              |              |              |              |               |              |                       |
| R/W SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| CON SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| R/W                     |              |              |              |              |              |              |               |              |                       |
| CON                     |              |              |              |              |              |              |               |              |                       |
| <b>TOTAL</b>            |              |              |              |              |              |              |               |              |                       |
| <b>Proposed Funding</b> |              |              |              |              |              |              |               |              | <b>Notes</b>          |
| E&P (PA&ED)             |              |              |              |              |              |              |               |              |                       |
| PS&E                    |              |              |              |              |              |              |               |              |                       |
| R/W SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| CON SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| R/W                     |              |              |              |              |              |              |               |              |                       |
| CON                     |              |              |              |              |              |              |               |              |                       |
| <b>TOTAL</b>            |              |              |              |              |              |              |               |              |                       |

|                         |              |              |              |              |              |              |               |              |                       |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|-----------------------|
| <b>Fund No. 13:</b>     |              |              |              |              |              |              |               |              | <b>Program Code</b>   |
| <b>Existing Funding</b> |              |              |              |              |              |              |               |              |                       |
| <b>Component</b>        | <b>Prior</b> | <b>08/09</b> | <b>09/10</b> | <b>10/11</b> | <b>11/12</b> | <b>12/13</b> | <b>13/14+</b> | <b>Total</b> | <b>Funding Agency</b> |
| E&P (PA&ED)             |              |              |              |              |              |              |               |              |                       |
| PS&E                    |              |              |              |              |              |              |               |              |                       |
| R/W SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| CON SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| R/W                     |              |              |              |              |              |              |               |              |                       |
| CON                     |              |              |              |              |              |              |               |              |                       |
| <b>TOTAL</b>            |              |              |              |              |              |              |               |              |                       |
| <b>Proposed Funding</b> |              |              |              |              |              |              |               |              | <b>Notes</b>          |
| E&P (PA&ED)             |              |              |              |              |              |              |               |              |                       |
| PS&E                    |              |              |              |              |              |              |               |              |                       |
| R/W SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| CON SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| R/W                     |              |              |              |              |              |              |               |              |                       |
| CON                     |              |              |              |              |              |              |               |              |                       |
| <b>TOTAL</b>            |              |              |              |              |              |              |               |              |                       |

|                         |              |              |              |              |              |              |               |              |                       |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|-----------------------|
| <b>Fund No. 14:</b>     |              |              |              |              |              |              |               |              | <b>Program Code</b>   |
| <b>Existing Funding</b> |              |              |              |              |              |              |               |              |                       |
| <b>Component</b>        | <b>Prior</b> | <b>08/09</b> | <b>09/10</b> | <b>10/11</b> | <b>11/12</b> | <b>12/13</b> | <b>13/14+</b> | <b>Total</b> | <b>Funding Agency</b> |
| E&P (PA&ED)             |              |              |              |              |              |              |               |              |                       |
| PS&E                    |              |              |              |              |              |              |               |              |                       |
| R/W SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| CON SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| R/W                     |              |              |              |              |              |              |               |              |                       |
| CON                     |              |              |              |              |              |              |               |              |                       |
| <b>TOTAL</b>            |              |              |              |              |              |              |               |              |                       |
| <b>Proposed Funding</b> |              |              |              |              |              |              |               |              | <b>Notes</b>          |
| E&P (PA&ED)             |              |              |              |              |              |              |               |              |                       |
| PS&E                    |              |              |              |              |              |              |               |              |                       |
| R/W SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| CON SUP (CT)            |              |              |              |              |              |              |               |              |                       |
| R/W                     |              |              |              |              |              |              |               |              |                       |
| CON                     |              |              |              |              |              |              |               |              |                       |
| <b>TOTAL</b>            |              |              |              |              |              |              |               |              |                       |

**Exhibit B**

**Sacramento Intermodal Track Relocation**

**Project Study Report Equivalent**

**Sacramento Intermodal Transit Facility/Track Relocation Field Review Form**

**And Preliminary Environmental Studies (PES) Form (not revised)**

**FIELD REVIEW FORM – Revised 4/29/09**

Local Agency City of Sacramento \_\_\_\_\_ Field Review Date May 21, 2008  
 Project Number HP21L – 5002 (090) Locator 03/SAC/Sacramento  
 (Dst/Co/Rte/PM/Agncy)  
 Project Name Sacramento Intermodal Transit Facility/Track Relocation Bridge No.(s) n/a \_\_\_\_\_

1. PROJECT LIMITS (see attached list for various locations) Bounded by the Sacramento River to the West, Existing Central Shops to the North, 7<sup>th</sup> Street to the East, and I street to the south. See attached map for additional details
2. WORK DESCRIPTION Relocation of existing railroad tracks, pedestrian/bicycle undercrossings, supports and foundations for overpass crossings,,reconfiguration of bus loading area. See attached Project Description. \_\_\_\_\_

ITS project or element: Yes \_\_\_\_\_ No X If yes, is it a Major ITS \_\_\_\_\_ or a Minor ITS \_\_\_\_\_  
 3. PROGRAMMING DATA FTIP (MPO/RTPA) \_\_\_\_\_ FY 04 - 10 Page 87 \_\_\_\_\_  
 Amendment No. 5 \_\_\_\_\_ FTIP PPNO \_\_\_\_\_ FHWA/FTA Approval Date \_\_\_\_\_  
 Federal Funds \$ 25,084,000 Phases PE X R/W \_\_\_\_\_ Const X  
 Air Basin: Sacramento \_\_\_\_\_ (CMAQ only)

4. FUNCTIONAL CLASSIFICATION: n/a  
 URBAN \_\_\_\_\_ RURAL \_\_\_\_\_  
 Principal Arterial: \_\_\_\_\_ Principal Arterial: \_\_\_\_\_  
 Minor Arterial: \_\_\_\_\_ Minor Arterial: \_\_\_\_\_  
 Collector: \_\_\_\_\_ Major Collector: \_\_\_\_\_  
 Local: \_\_\_\_\_ Minor Collector: \_\_\_\_\_  
 Rural Local: \_\_\_\_\_

5. STEWARDSHIP CATEGORY  
 FHWA Full Oversight (Stewardship): Yes \_\_\_\_\_ No X  
 State-Authorized (Stewardship): Yes X No \_\_\_\_\_ (a) DLAE oversight: Yes X No \_\_\_\_\_  
 (b) District Construction oversight: Yes \_\_\_\_\_ No X  
 ITS project or element requiring FHWA oversight per stewardship: Yes \_\_\_\_\_ No X

6. CALTRANS ENCROACHMENT PERMIT Is it required? Yes X No \_\_\_\_\_

| 7. COST ESTIMATE BREAKDOWN |   | \$,000's       | Fed. Participation |          |
|----------------------------|---|----------------|--------------------|----------|
| (Including Structures)     |   |                |                    |          |
| PE                         | Environmental Process                             | \$2,000 _____  | Yes <u>X</u>       | No _____ |
|                            | Design  | \$5,499 _____  | Yes <u>X</u>       | No _____ |
|                            | System Manager/Integrator                         | _____          | Yes _____          | No _____ |
| CONST                      | Const. Contract                                   | \$54,618 _____ | Yes <u>X</u>       | No _____ |
|                            | Const. Engineer.                                  | _____          | Yes <u>X</u>       | No _____ |
| R/W                        | Preliminary R/W Work                              | _____          | Yes _____          | No _____ |
|                            | Acquisition:                                      |                | Yes _____          | No _____ |
|                            | (No. of Parcels _____)                            | _____          | Yes _____          | No _____ |
|                            | (Easements _____)                                 | _____          | Yes _____          | No _____ |
|                            | (Right of Entry _____)                            | _____          | Yes _____          | No _____ |
|                            | RAP (No. Families _____)                          | _____          | Yes _____          | No _____ |
|                            | RAP (No. Bus. _____)                              | _____          | Yes _____          | No _____ |
|                            | Utilities (Exclude if included in contract items) | _____          | Yes _____          | No _____ |

**TOTAL COST** \$ 62,117 \_\_\_\_\_

7a. Value Engineering Analysis Required? Yes X No       
 (Yes, if total project costs are \$25M or more on the Federal-aid System, or \$20M or more for bridges)

8. PROPOSED FUNDING

|                          |            |      |            |                    |
|--------------------------|------------|------|------------|--------------------|
| Grand Total              | Total Cost |      | Cost Share |                    |
|                          | \$ _____   |      |            |                    |
| Federal Program #1       | \$ _____   | Fed. | \$ _____   | Reimb. Ratio _____ |
| (Name/App. Code) #2      | \$ _____   | Fed. | \$ _____   | Reimb. Ratio _____ |
| Matching Funds Breakdown | Local:     |      | \$ _____   | _____ %            |
|                          | State:     |      | \$ _____   | _____ %            |
|                          | Other:     |      | \$ _____   | _____ %            |

State Highway Funds? Yes      No      Source      No       
 State CMAQ/RSTP Match Eligible Yes      No      Partial       
 Is the Project Underfunded? (Fed \$ < Allowed Reimb.) Yes      No     

9. PROJECT ADMINISTRATION

|              |                    |                    |                 |       |
|--------------|--------------------|--------------------|-----------------|-------|
|              |                    | Agency             | Consultant      | State |
| PE           | Environ Process    | City of Sacramento | TranSystems/J&S | _____ |
|              | Design             | City of Sacramento | TranSystems     | _____ |
|              | System Man./Integ. | City of Sacramento | _____           | _____ |
| R/W          | All Work           | City of Sacramento | _____           | _____ |
| CONST ENGR   | Contract           | City of Sacramento | _____           | _____ |
| CONSTRUCTION | Contract           | City of Sacramento | _____           | _____ |
| MAINTENANCE  |                    | City of Sacramento | _____           | _____ |

Will Caltrans be requested to review PS&E? Yes X No     

10. SCHEDULES: PROPOSED ADVERTISEMENT DATE 05/09 Anticipated. Subject to Change  
 Other critical dates: 05/09 Environmental Clearance (anticipated/subject to change)

11. PROJECT MANAGER'S CONCURRENCE

Local Entity City of Sacramento \_\_\_\_\_ Date: \_\_\_\_\_

Signature & Title \_\_\_\_\_ Phone No. \_\_\_\_\_

Is field review required? Yes X No     

Caltrans (District): District 3 \_\_\_\_\_ Date: \_\_\_\_\_

Signature & Title: \_\_\_\_\_

12. LIST OF ATTACHMENTS (Include all appropriate attachments if field review is required. See the "[ ]" notation for minimum required attachments for non-NHS projects)  
 X \_\_\_\_\_ Field Review Attendance Roster or Contacts Roster  
 X \_\_\_\_\_ Vicinity Map (Required for Construction Type Projects)

IF APPLICABLE ( Complete as required depending on type of work involved)  
 n/a \_\_\_\_\_ Roadway Data Sheets [Req'd for Roadway projects]  
 n/a \_\_\_\_\_ Typical Roadway Geometric Section(s) [Req'd for Roadway projects]  
 X \_\_\_\_\_ Major Structure Data Sheet [Req'd for HBRR] \_\_\_\_\_ n/a \_\_\_\_\_ Signal Warrants



**ROADWAY DATA (n/a)**

1. TRAFFIC DATA

Current ADT \_\_\_\_\_ Year 200 \_\_\_\_\_ Future ADT \_\_\_\_\_ Year 200 \_\_\_\_\_ DHV \_\_\_\_\_ Trucks \_\_\_%  
 Terrain (Check One) \_\_\_\_\_ Flat \_\_\_\_\_ Rolling \_\_\_\_\_ Mountainous  
 Design Speed \_\_\_\_\_  
 Proposed Speed Zone \_\_\_\_\_ Yes \_\_\_\_\_ mph \_\_\_\_\_ No \_\_\_\_\_

2. GEOMETRIC INFORMATION

ROADWAY SECTION

| Facility             | Year Constr.      | Min. Curve Radius | Thru Traffic Lanes |             |      | Shoulders        |      | Median Width |
|----------------------|-------------------|-------------------|--------------------|-------------|------|------------------|------|--------------|
|                      |                   |                   | No. of Lanes       | Total Width | Type | Each Width Lt/Rt | Type |              |
| Exist.               |                   |                   |                    |             |      |                  |      |              |
| Prop.                |                   |                   |                    |             |      |                  |      |              |
| Min. Stds. selected: |                   |                   |                    |             |      |                  |      |              |
| AASHTO _____         |                   |                   |                    |             |      |                  |      |              |
| 3R _____             |                   |                   |                    |             |      |                  |      |              |
| Local _____          |                   |                   |                    |             |      |                  |      |              |
|                      | N/E Contig. Sect. |                   |                    |             |      |                  |      |              |
|                      | S/W Contig. Sect. |                   |                    |             |      |                  |      |              |

Remarks (If design standard exception is being sought, cite standard and explain fully how it varies):

\_\_\_\_\_

\_\_\_\_\_

3. DEFICIENCIES OF EXISTING FACILITY (Mark appropriate one(s))

- |                          |  |
|--------------------------|--|
| _____ Pavement Surface   | _____ Drainage   |
| _____ Alignment          | _____ Bridge   |
| _____ Crossfall          | _____ Safety (Attach collision diagram or other documentation)                               |
| _____ Pavement Structure | _____ Federal Americans w/ Disabilities Act (ADA), State or Local accessibility requirements |
|                          | _____ Other (describe below)   |

Remarks \_\_\_\_\_

\_\_\_\_\_

4. TRAFFIC SIGNALS \_\_\_\_\_ Yes \_\_\_\_\_ New (attach warrants) \_\_\_\_\_ Modified \_\_\_\_\_ No

5. MAJOR STRUCTURES Structure No.(s) \_\_\_\_\_ (attach structure data sheet)

\_\_\_\_\_

6. OTHER TRANSPORTATION FACILITIES (Name)

- |                |                              |
|----------------|------------------------------|
| _____ None     |                              |
| _____ Railroad | (attach railroad data sheet) |
| _____ Airports | (attach airport data sheet)  |
| _____ Transit  | _____                        |
| _____ Bicycle  | _____                        |



## MAJOR STRUCTURE DATA – Revised 4/29/09

(Attach a separate sheet for each structure)

Project Number HP21L – 5002 (090)

Bridge Name (facility crossed) West Tunnel ( Union Pacific Railroad Track)

State Br. No. \_\_\_\_\_ Date Constructed \_\_\_\_\_ Historical Bridge Inv. Category \_\_\_\_\_

Road Name \_\_\_\_\_ Location \_\_\_\_\_

### STRUCTURE DATA

|                            | Existing          | Proposed            | Minimum AASHTO Standards |
|----------------------------|-------------------|---------------------|--------------------------|
| Structure Type             | _____             | CIP Concrete Tunnel | _____                    |
| Structure Length           | _____             | 204 feet +/-        | _____                    |
| Spans (No. & Length)       | _____             | n/a                 | _____                    |
| Clear Width (curb to curb) | _____             | 20 feet             | _____                    |
| Shoulder Width             | _____ Lt _____ Rt | _____ Lt _____ Rt   | _____ Lt _____ Rt        |
| Sidewalks or bikeway width | _____ Lt _____ Rt | _____ Lt _____ Rt   | _____ Lt _____ Rt        |
| Total Br. Width            | _____             | 20 feet             | _____                    |
| Total Appr. Rdwy. Width    | _____             | _____               | _____                    |

1. Preliminary Engineering by TranSystems

2. Design by TranSystems

3. Foundation Investigation by \_\_\_\_\_

4. Hydrology Study by \_\_\_\_\_

Detour, Stage construction, or Close Road \_\_\_\_\_

Length of Detour \_\_\_\_\_

Resident Engineer for Bridge Work: \_\_\_\_\_ Agency \_\_\_\_\_ Consultant (On Retainer as City/County Engineer)

Responsible Local Official \_\_\_\_\_

Discuss any special conditions; for example, federal ADA, state or local accessibility requirements, or proposed design exceptions.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### ESTIMATED STRUCTURE AND RELATED COSTS:

|                             | Federally Participating |       |
|-----------------------------|-------------------------|-------|
| Bridge Cost                 | Yes                     | No    |
| Construct Bridge            | _____                   | _____ |
| Bridge Removal              | _____                   | _____ |
| Slope Protection            | _____                   | _____ |
| Channel Work                | _____                   | _____ |
| Detour - Stage Construction | _____                   | _____ |

|                          |       |       |       |
|--------------------------|-------|-------|-------|
| Approach Roadway         | _____ | _____ | _____ |
| Preliminary Engineering  | _____ | _____ | _____ |
| Construction Engineering | _____ | _____ | _____ |
| Right of Way Costs       | _____ | _____ | _____ |
| Utility Relocation       | _____ | _____ | _____ |
| Mobilization             | _____ | _____ | _____ |
| Total                    | _____ | _____ | _____ |

Type of HBRR funds: Check one  
(Major type if more than one)  
(N/A)

- Seismic/Voluntary (88.53% Fed. Share)
- Rehabilitation (80%)
- Replacement (80%)
- Railing (88.53%)

- Painting (88.53%)
- Painting (80%)
- Special (80%)
- Low Water Xing (80%)

Summarize HBRR funded costs of above estimate:  
(HBRR Federal-aid + local match for HBRR only)

Indicate the estimated date for Federal-aid  
Authorization & Obligation or Check the box:

Prelim. Eng. \$ \_\_\_\_\_  
Right of Way \$ \_\_\_\_\_  
Construction \$ \_\_\_\_\_  
Total \$ \_\_\_\_\_

Date: \_\_\_\_\_  
 Not needed for this project  
 Not needed for this project  
 Not needed for this project

**VALUE ENGINEERING ANALYSIS**

**Required** (Yes, if total project costs for bridge  
are \$20M or more)

Yes  No

Remarks \_\_\_\_\_

\*\*\*\*\* The following must be attached if the project is funded by the HBRR Program:

1. Plan view of proposed improvements.
2. Typical Section.

\*\*\*\*\* The following is recommended:

1. Right of way map to determine whether right of way acquisition or construction easements are necessary.

(Attachment to Field Review Form)

**MAJOR STRUCTURE DATA**  
(Attach a separate sheet for each structure)

Project Number HP21L-5002 (090)  
 Bridge Name (facility crossed) Union Pacific Railroad Track (Pedestrian Undercrossing)  
 State Br. No. \_\_\_\_\_ Date Constructed \_\_\_\_\_ Historical Bridge Inv. Category \_\_\_\_\_  
 Road Name \_\_\_\_\_ Location \_\_\_\_\_

**STRUCTURE DATA**

|   | Existing |          | Proposed                      |          | Minimum AASHTO Standards |          |
|---|----------|----------|-------------------------------|----------|--------------------------|----------|
|   |          |          |                               |          |                          |          |
| Structure Type                            | _____    |          | <u>Central Undercrossing</u>  |          | _____                    |          |
| Structure Length                          | _____    |          | <u>400-ft</u>                 |          | _____                    |          |
| Spans (No. & Length)                      | _____    |          | <u>n/a</u>                    |          | _____                    |          |
| Clear Width (curb to curb)                | _____    |          | <u>30-ft (12 ft min vert)</u> |          | _____                    |          |
| Shoulder Width                            | Lt _____ | Rt _____ | Lt _____                      | Rt _____ | Lt _____                 | Rt _____ |
| Sidewalks or bikeway width                | Lt _____ | Rt _____ | Lt _____                      | Rt _____ | Lt _____                 | Rt _____ |
| Total Br. Width                           | _____    |          | _____                         |          | _____                    |          |
| Total Appr. Rdwy. Width                   | _____    |          | _____                         |          | _____                    |          |
| 1. Preliminary Engineering by             | _____    |          | <u>TranSystems</u>            |          | _____                    |          |
| 2. Design by                              | _____    |          | <u>TranSystems</u>            |          | _____                    |          |
| 3. Foundation Investigation by            | _____    |          | _____                         |          | _____                    |          |
| 4. Hydrology Study by                     | _____    |          | _____                         |          | _____                    |          |
| Detour, Stage construction, or Close Road | _____    |          | _____                         |          | _____                    |          |
| Length of Detour                          | _____    |          | _____                         |          | _____                    |          |

Resident Engineer for Bridge Work: \_\_\_\_\_ Agency \_\_\_\_\_ Consultant (On Retainer as City/County Engineer)

Responsible Local Official \_\_\_\_\_

Discuss any special conditions; for example, federal ADA, state or local accessibility requirements, or proposed design exceptions.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**ESTIMATED STRUCTURE AND RELATED COSTS: (Refer to Item 7.)**

| Bridge Cost      | Federally Participating |       |
|------------------|-------------------------|-------|
|                  | Yes                     | No    |
| Construct Bridge | _____                   | _____ |
| Bridge Removal   | _____                   | _____ |
| Slope Protection | _____                   | _____ |
| Channel Work     | _____                   | _____ |

|                             |       |       |       |
|-----------------------------|-------|-------|-------|
| Detour - Stage Construction | _____ | _____ | _____ |
| Approach Roadway            | _____ | _____ | _____ |
| Preliminary Engineering     | _____ | _____ | _____ |
| Construction Engineering    | _____ | _____ | _____ |
| Right of Way Costs          | _____ | _____ | _____ |
| Utility Relocation          | _____ | _____ | _____ |
| Mobilization                | _____ | _____ | _____ |
| Total                       | _____ | _____ | _____ |

Type of HBRR funds: Check one  
(Major type if more than one)  
(N/A)

- Seismic/Voluntary  
(88.53% Fed. Share)
- Rehabilitation (80%)
- Replacement (80%)
- Railing (88.53%)

- Painting (88.53%)
- Painting (80%)
- Special (80%)
- Low Water Xing (80%)

Summarize HBRR funded costs of above estimate:  
(HBRR Federal-aid + local match for HBRR only)

Prelim. Eng. \$ \_\_\_\_\_

Right of Way \$ \_\_\_\_\_

Construction \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

Indicate the estimated date for Federal-aid  
Authorization & Obligation or Check the box:  
Date:

- \_\_\_\_\_  Not needed for this project
- \_\_\_\_\_  Not needed for this project
- \_\_\_\_\_  Not needed for this project

**VALUE ENGINEERING ANALYSIS**

Required (Yes, if total project costs for bridge  
are \$20M or more)

- Yes  No

Remarks \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*\*\*\*\* The following must be attached if the project is funded by the HBRR Program:

1. Plan view of proposed improvements.
2. Typical Section.

\*\*\*\*\* The following is recommended:

1. Right of way map to determine whether right of way acquisition or construction easements are necessary.

(Attachment to Field Review Form)

**MAJOR STRUCTURE DATA**  
(Attach a separate sheet for each structure)

Project Number HP211, -- 5002 (090)

Bridge Name (facility crossed) Union Pacific Railroad Track (Pedestrian / Bikeway Undercrossing)

State Br. No. \_\_\_\_\_ Date Constructed \_\_\_\_\_ Historical Bridge Inv. Category \_\_\_\_\_

Road Name \_\_\_\_\_ Location \_\_\_\_\_

**STRUCTURE DATA**

|                            | Existing |          | Proposed               |          | Minimum AASHTO Standards |          |
|----------------------------|----------|----------|------------------------|----------|--------------------------|----------|
| Structure Type             | _____    |          | East Undercrossing     |          | _____                    |          |
| Structure Length           | _____    |          | 180-ft                 |          | _____                    |          |
| Spans (No. & Length)       | _____    |          | n/a                    |          | _____                    |          |
| Clear Width (curb to curb) | _____    |          | 18-ft (12 ft min vert) |          | _____                    |          |
| Shoulder Width             | Lt _____ | Rt _____ | Lt _____               | Rt _____ | Lt _____                 | Rt _____ |
| Sidewalks or bikeway width | Lt _____ | Rt _____ | Lt _____               | Rt _____ | Lt _____                 | Rt _____ |
| Total Br. Width            | _____    |          | _____                  |          | _____                    |          |
| Total Appr. Rdwy. Width    | _____    |          | _____                  |          | _____                    |          |

1. Preliminary Engineering by TranSystems

2. Design by TranSystems

3. Foundation Investigation by \_\_\_\_\_

4. Hydrology Study by \_\_\_\_\_

Detour, Stage construction, or Close Road \_\_\_\_\_

Length of Detour \_\_\_\_\_

Resident Engineer for Bridge Work: \_\_\_\_\_ Agency \_\_\_\_\_ Consultant (On Retainer as City/County Engineer)

Responsible Local Official \_\_\_\_\_

Discuss any special conditions; for example, federal ADA, state or local accessibility requirements, or proposed design exceptions.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ESTIMATED STRUCTURE AND RELATED COSTS: (Refer to Item 7.)**

| Bridge Cost                 | Federally Participating |       |
|-----------------------------|-------------------------|-------|
|                             | Yes                     | No    |
| Construct Bridge            | _____                   | _____ |
| Bridge Removal              | _____                   | _____ |
| Slope Protection            | _____                   | _____ |
| Channel Work                | _____                   | _____ |
| Detour - Stage Construction | _____                   | _____ |

|                          |       |       |       |
|--------------------------|-------|-------|-------|
| Approach Roadway         | _____ | _____ | _____ |
| Preliminary Engineering  | _____ | _____ | _____ |
| Construction Engineering | _____ | _____ | _____ |
| Right of Way Costs       | _____ | _____ | _____ |
| Utility Relocation       | _____ | _____ | _____ |
| Mobilization             | _____ | _____ | _____ |
| Total                    | _____ | _____ | _____ |

Type of HBRR funds: Check one (Major type if more than one) (N/A)

|  |   |
|--|---|
| <input type="checkbox"/> Seismic/Voluntary (88.53% Fed. Share) | <input type="checkbox"/> Painting (88.53%)    |
| <input type="checkbox"/> Rehabilitation (80%)                  | <input type="checkbox"/> Painting (80%)       |
| <input type="checkbox"/> Replacement (80%)                     | <input type="checkbox"/> Special (80%)        |
| <input type="checkbox"/> Railing (88.53%)                      | <input type="checkbox"/> Low Water Xing (80%) |

Summarize HBRR funded costs of above estimate: (HBRR Federal-aid + local match for HBRR only)

Prelim. Eng. \$ \_\_\_\_\_

Right of Way \$ \_\_\_\_\_

Construction. \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

Indicate the estimated date for Federal-aid Authorization & Obligation or Check the box: Date:

\_\_\_\_\_  Not needed for this project

\_\_\_\_\_  Not needed for this project

\_\_\_\_\_  Not needed for this project

**VALUE ENGINEERING ANALYSIS**

Required (Yes, if total project costs for bridge are \$20M or more)  Yes  No

Remarks \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*\*\*\*\* The following must be attached if the project is funded by the HBRR Program:

1. Plan view of proposed improvements.
2. Typical Section.

\*\*\*\*\* The following is recommended:

1. Right of way map to determine whether right of way acquisition or construction easements are necessary.

**RAILROAD GRADE CROSSING DATA**  
(Separate Sheet for each crossing)

Project Number /Name: HP21L - 5002 (090)

Name of Railroad: Union Pacific Railroad

Location (Road, City, or County, and Xing No.): Proposed service road

Vehicular Traffic: Daily Traffic using crossing \_\_\_\_\_ No. of Lanes 2 Speeds (mph) \_\_\_\_\_

No. of Exist. Tracks: Main Line 1 Branch Line \_\_\_\_\_ Passing \_\_\_\_\_ Other \_\_\_\_\_

No. of Future Tracks: \_\_\_\_\_ No. of Daily Trains; Passenger \_\_\_\_\_ Freight \_\_\_\_\_ Total \_\_\_\_\_

Maximum Speeds: Passenger \_\_\_\_\_ Freight \_\_\_\_\_

Protection in Place: \_\_\_\_\_

Protection Proposed: \_\_\_\_\_

Skew of Xing: 90d Min. Sight Dist. (along track when driver is 100 feet from Xing) \_\_\_\_\_

Trains at Night? (Y/N) \_\_\_\_\_ Seasonal Train Traffic? (Y/N) \_\_\_\_\_

Ten-Year Accident Record Accidents \_\_\_\_\_ Killed \_\_\_\_\_ Injured \_\_\_\_\_

Has local agency requested or received PUC decision concerning:

Crossing Protection required: \_\_\_\_\_

Protective devices proposed by local agency: \_\_\_\_\_

Proposed financing of crossing protection: \_\_\_\_\_

Does local agency propose to finance automatic crossing protection as a "G" (safety) project using 100% Federal funds? \_\_\_\_\_

NOTE: Attach sketch showing relationship of old and new crossing.

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Distribution: Original with attachments-Local Agency  
Copy with attachments (2 copies if HBRR) - DLAE

**FIELD REVIEW ATTENDANCE ROSTER**

Date: May 21, 2008

Project No./Name HP21L-5002(090)  
Sacramento Intermodal Transit Facility/  
Track Relocation

Project Location: Sacramento, California

| Name | (Please Print)   | (Organization)           | (Phone Number) |
|------|------------------|--------------------------|----------------|
| 1.   | Bill Sinclair    | City of Sacramento,      |                |
| 2.   | Fran Halbakken   | City of Sacramento,      | 916-808-7194   |
| 3.   | Hinda Chandler   | City of Sacramento,      | 916-808-8422   |
| 4.   | Lezley Buford    | City of Sacramento,      | 916-808-5935   |
| 5.   | Saed Hasan       | City of Sacramento,      | 916-808-7923   |
| 6.   | Sheryl Patterson | City of Sacramento,      | 916-808-5346   |
| 7.   | Doug Wright      |                          |                |
| 8.   | Elias Rashmawi   | Thomas Enterprises,      | 916-329-4500   |
| 9.   | Alicia Guerra    | Cox, Castle & Nicholson, | 415-262-5104   |
| 10.  | Steve Propst     | Caltrans,                | 530-741-5455   |
| 11.  | Laura Walsh      | Caltrans,                | 530-741-4134   |
| 12.  | Gail St. John    | Caltrans,                |                |
| 13.  | Eric Fredrickson | Caltrans,                | 916-227-8916   |
| 14.  | Jill Hupp        | Caltrans,                |                |
| 15.  | Mark Melani      | Caltrans,                |                |
| 16.  | Virginia Denison | Caltrans,                |                |
| 17.  | Tom Ganyon       | Caltrans,                |                |
| 18.  | Melani Millard   | Caltrans,                |                |
| 19.  | Scott McHenry    | FHWA,                    |                |

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|                       |                                  |
|-----------------------|----------------------------------|
| 20. Steve Mikesell    | OHP,                             |
| 21. Natalie Lindquist | OHP,                             |
| 22. Marian Rule Cope  | TranSystems, 510-835-2761        |
| 23. Jon Marshall      | TranSystems, 510-835-2761        |
| 24. Maggie Townsley   | ICF Jones & Stokes, 916-737-3000 |
| 25. Shahira Ashkar    | ICF Jones & Stokes, 916-737-3000 |
| 26. Beth Eggerts      | ICF Jones & Stokes, 916-737-3000 |
| 27. Gabriel Roark     | ICF Jones & Stokes, 916-737-3000 |
| 28. Katie Haley       | ICF Jones & Stokes, 916-737-3000 |
| 29. Brent Lemon       | Quincy Engineering, 916-368-9181 |
| 30. Alan Glen         | Quincy Engineering, 916-368-9181 |
| 31. Mark Reno         | Quincy Engineering, 916-368-9181 |
| 32. Will Baumgardner  | ARUP, 415-957-9445               |

## **PROJECT DESCRIPTION**

### **Phase 1 – Track Relocation**

#### **Phase 1 consists of the following components:**

- Preparing the new alignment for relocation of the existing mainline freight and passenger tracks.
- Installing new freight tracks, new passenger tracks, and associated equipment within the platform area.
- Constructing new double-sided passenger platforms
- Constructing new passenger platform tunnel (the Central Tunnel), service tunnel (West Service Tunnel), and pedestrian/bicycle tunnel (West Tunnel) under the relocated tracks.
- Constructing a pedestrian walkway from the passenger platform tunnel (Central Tunnel) to the Depot building on the south side of the rail corridor.
- Constructing a pedestrian connection from the passenger platform tunnel (Central Tunnel) to the north side of the rail corridor.
- Constructing a service access pathway from the Depot to the proposed new passenger tracks, consisting of a crossing of the tracks on the west side of the platforms (West Service Tunnel), the service roadway between the platforms, and the paved drive between the Depot and the crossing.
- Removing the existing mainline tracks and passenger platforms behind the Depot once the new track alignment was operational. The ramps to the platform that are part of the existing pedestrian tunnel at the Depot would be subsequently connected to the new walkway.

#### **New Platforms and Tunnel Connections:**

The new, straight double-sided passenger platforms would be constructed adjacent to the relocated passenger tracks. The platforms would be approximately 1,200 feet in length and would be approximately 25 feet in width, to accommodate more passenger and baggage and to improve accessibility for mobility-challenged passengers. The tunnel, ramps, and pedestrian walkway would comply with ADA.

The Central Tunnel would extend from its northern terminus at the Central Shops to a point approximately 323 feet south, at which point the tunnel would merge to a ramp extending to the existing ground service, approximately 200 feet from the end of the tunnel. The finished tunnel would be lighted and concrete lined.

The West Tunnel will be located under Interstate 5 (I-5) and the I-5 ramp will extend under the proposed railroad right-of-way. It will accommodate trolleys as well as pedestrians and bicycles. The West Service Tunnel will be constructed along the outer edge of Caltrans I-5 right-of-way, cross under the tracks, and tie into a proposed vehicle service road located between the tracks. The finished tunnel would be lighted and concrete lined.

**Exhibit C**

**Sacramento Intermodal Track Relocation**

**Project Benefits Form**

**Project Title:** Sacramento Intermodal Track Relocation

**Project Category:** Rail

**Project Type:** Track Realignment and Separate of Passenger and Freight Tracks

**Outputs:** Project will be located on a 3300 foot track segment.  
Within that segment, the following will be constructed:  
New Mainline Freight Track Length - 7,670 feet approx.  
New Station Track Length - 6,380 feet approx.  
New Track Signals - To be provided in conjunction with all new tracks.  
Passenger Platforms - 2 double-sided platforms, 1250 feet long approx.  
Grade Connections - Tunnels, ramps & walkways will connect tracks, station & City, and Old Sacramento.

| <u>Outcomes:</u> | <u>Outcome</u>      | <u>Performance Measure</u>  |
|------------------|---------------------|---|
|                  | Safety              | Estimated 100% reduction in number of passenger crossings of live freight tracks  |
|                  | Velocity            | Estimated 50% increase in permitted freight train speed through station segment   |
|                  | Reliability         | Major bottleneck on Central Rail Corridor is eliminated with track reconfiguration.<br>Conflicts between freight and passenger service are reduced 80-90% approx.<br>Curves in segment are eliminated (reduction from 2 curves to 0). |
|                  | Emissions Reduction | Estimated reductions from reduced idling and speed improvements;<br>per year reductions approximately: ROG-16 pounds, NOx-191 pounds,<br>CO-43 pounds and PM10/PM2.5-119 pounds.  |

