

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: July 23-24, 2008

Reference No.: 2.1a.(1) - **REVISED**  
Action Item

From: CINDY McKIM  
Chief Financial Officer

Prepared by: Rachel Falsetti  
Division Chief  
Transportation Programming

Subject: **STIP AMENDMENT 08S-002**

## **RECOMMENDATION:**

The Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve this amendment and authorize the project to proceed as an AB 3090 Reimbursement request. This item was noticed at the Commission's June 2008 meeting.

## **ISSUE:**

The Department and Bay Area Rapid Transit District (BART) propose to program \$10,000,000 of Interregional Improvement Program (IIP) funds to Construction for the new BART Seismic Retrofit of West Oakland Station and Aerial Structures project (PPNO 1014A) in Alameda County, in the 2008 State Transportation Improvement Program (STIP), and designate it as an AB 3090 Reimbursement project, for reimbursement in Fiscal Years (FY) 2009-10, 2010-11, **and 2011-12**. The reimbursement is subject to availability of funds.

## **BACKGROUND:**

The BART Seismic Retrofit of West Oakland Station and Aerial Structures project is part of a program to strengthen the BART system to withstand specific large earthquakes safely, with the ability to bring a portion of the system back into service within a short time after a seismic event. The program will retrofit only the portions of the system that were constructed prior to 1989. This project contributes to interregional travel through connectivity to intercity rail.

Capacity in the Public Transportation Account (PTA) made available by the lapsing of STIP funds will be programmed to the new Seismic Retrofit of West Oakland Station and Aerial Structures project. The PTA capacity is available in future years, but the seismic retrofit work is ready to begin. Therefore, BART also requests that the project be designated an AB 3090 Reimbursement project. Reimbursement will be **\$3,500,000** in FY 2009-10, \$5,000,000 in FY 2010-11, **and \$1,500,000 in FY 2011-12** with the understanding that cash reimbursement is subject to the availability of funds. BART will use local measure funds to advance construction activities.

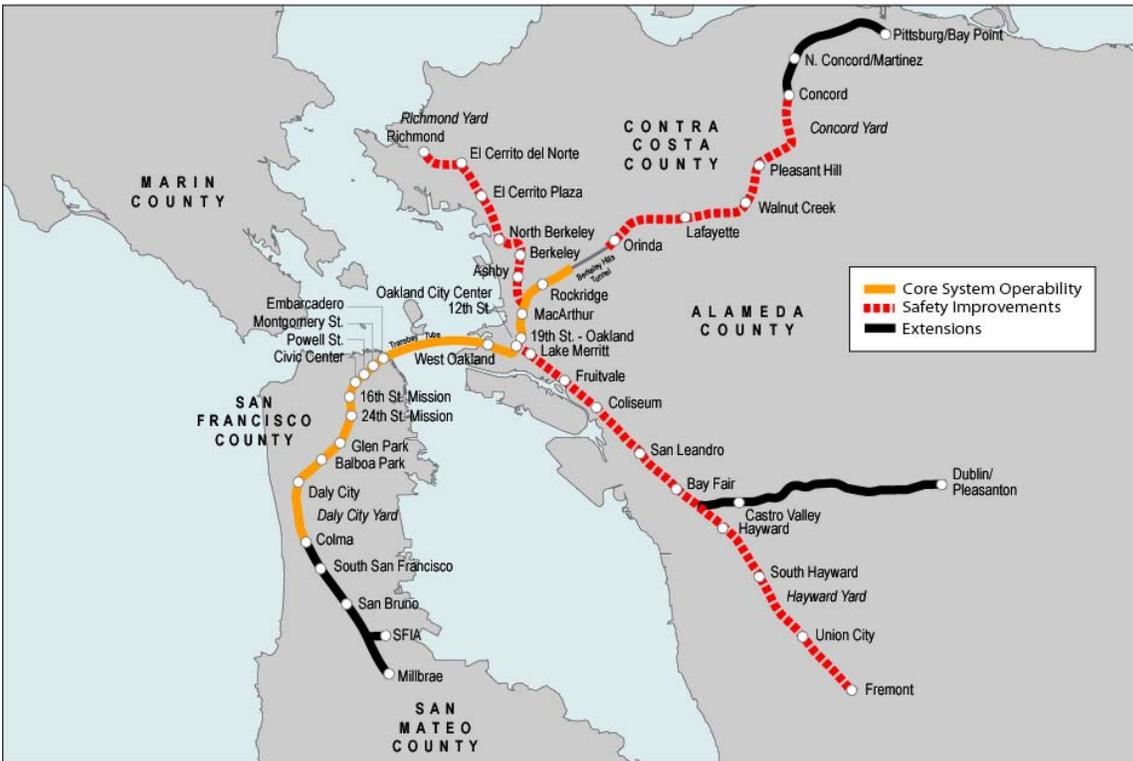
This request follows AB 3090 Guidelines that allow a local agency to use its own funds (non-state or non-federal) to complete a project early and to be later reimbursed with STIP funds programmed on the project.

**RESOLUTION:**

Resolved, that the California Transportation Commission revise the 2008 State Transportation Improvement Program to add the project as described in the attached project programming request.

**STIP AMENDMENT 08S-002**

Location Map



**BART SEISMIC RETROFIT PROGRAM  
CORE SYSTEM OPERABILITY, SYSTEMWIDE SAFETY**

04 – Alameda County

PPNO 1014A

Description: BART Seismic Retrofit of West Oakland Station and Aerial Structures.



Attachment

**PROJECT PROGRAMMING REQUEST**

DTP-0001 (REV. 3/08)

General Instructions

<input checked="" type="checkbox"/> New Project		<input type="checkbox"/> Amendment (Existing Project)		<b>Date:</b>	05/30/08
<b>Caltrans District</b>	<b>EA</b>	<b>PPNO</b>	<b>MPO ID</b>	<b>TCRP No.</b>	
04	OU860	1014A	BRT991003		
<b>County</b>	<b>Route/Corridor</b>	<b>Project Sponsor/Lead Agency</b>		<b>MPO</b>	<b>Element</b>
ALA		SF Bay Area Rapid Transit District (BART)		MTC	RAIL
<b>Project Title</b>					
BART Seismic Retrofit of West Oakland Station and Aerial Structures					
<b>PM Bk</b>	<b>PM Ahd</b>	<b>Project Mgr/Contact</b>	<b>Phone</b>	<b>E-mail Address</b>	
		Tom Horton	(510) 287-4978	thorton@bart.gov	
<b>Location, Project Limits, Description, Scope of Work, Legislative Description</b>					
<b>Component</b>	<b>Implementing Agency</b>		<b>AB 3090</b>	<b>Letter of No Prejudice</b>	
PA&ED	Bay Area Rapid Transit District		<input type="checkbox"/>	<input type="checkbox"/>	
PS&E	Bay Area Rapid Transit District		<input type="checkbox"/>	<input type="checkbox"/>	
Right of Way	Bay Area Rapid Transit District		<input type="checkbox"/>	<input type="checkbox"/>	
Construction	Bay Area Rapid Transit District		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Legislative Districts</b>					
<b>Assembly:</b>	16		<b>Senate:</b>	9	
<b>Congressional:</b>	9				
<b>Purpose and Need</b>					
<p>The Project's objective is to strengthen the BART system to withstand specified large earthquakes safely, with the ability to bring a portion of the system back into service within a short time after the seismic event. The West Oakland station and aerial structures have been analyzed and will be upgraded using the latest seismic design criteria. Station foundations will be widened with additional piles to augment existing piles, strengthen bent caps, columns and other miscellaneous retrofits will also be performed. In addition, station access and architectural finishes will be evaluated for seismic loads.</p>					
<b>Project Benefits</b>					
<p>The original components of the BART System, constructed in the 1960s, were designed to withstand much greater seismic stress than required by construction standards of the time. The 1989 Loma Prieta earthquake provided a significant test of that design. BART was back in service just hours after the event, while many roads, bridges, freeways, and other structures in the San Francisco Bay area suffered major damage. With the San Francisco-Oakland Bay Bridge out of service, BART served as a vital link between San Francisco and the East Bay following the Loma Prieta earthquake.</p>					
<b>Project Milestone</b>					<b>Date</b>
Project Study Report Approved					
Begin Environmental (PA&ED) Phase					
Circulate Draft Environmental Document			<b>Document Type</b>	CE	
Draft Project Report					
End Environmental Phase (PA&ED Milestone)					08/03/07
Begin Design (PS&E) Phase					09/01/07
End Design Phase (Ready to List for Advertisement Milestone)					09/08/08
Begin Right of Way Phase					N / A
End Right of Way Phase (Right of Way Certification Milestone)					N / A
Begin Construction Phase (Contract Award Milestone)					09/08/08
End Construction Phase (Construction Contract Acceptance Milestone)					09/30/10
Begin Closeout Phase					10/01/10
End Closeout Phase (Closeout Report)					03/30/11

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**PROJECT PROGRAMMING REQUEST**

DTP-0001 (REV. 3/08)

Date: 05/30/08

County	CT District	PPNO	TCRP Project No.	EA
ALA	04	1014A		OU860
<b>Project Title:</b> BART Seismic Retrofit of West Oakland Station and Aerial Structures				

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									
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		10,000	-1,500		1,500			10,000	
TOTAL		10,000	-1,500		1,500			10,000	

<b>Fund No. 1:</b>	ITIP (PTA)								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)									Caltrans
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			3,500	5,000	1,500			10,000	
TOTAL			3,500	5,000	1,500			10,000	

<b>Fund No. 2:</b>	BART General Obligation Bonds								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)									BART
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		10,000	-5,000	-5,000					
TOTAL		10,000	-5,000	-5,000					