

State of California  
Business, Transportation and Housing Agency  
Department of Transportation

Prepared By:  
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***PROPOSED***

PROGRAM AMENDMENTS  
STIP Amendment 00S-070  
Notice Item  
CTC Meeting: January 23-24, 2002  
  
Agenda Item: 2.1b.(4)

**Original Signed By**  

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ROBERT L. GARCIA  
Chief Financial Officer  
January 2, 2002

### **STIP AMENDMENT 00S-070 NOTICE**

#### **SUMMARY**

This amendment programs \$132,000 in FY 2001-02 from Los Angeles County's Unprogrammed Share Balance for a Global Positioning System (GPS) project upgrade to enhance the existing Public Address/Changeable Message Sign (PA/CMS) system serving Los Angeles County's Metrolink train stations. The project will be implemented by Southern California Regional Rail Authority (SCRRA).

#### **RECOMMENDATION**

The Los Angeles County Metropolitan Transportation Authority (LACMTA) is requesting this amendment. The Department has reviewed the amendment and found it to be consistent with the Commission adopted STIP guidelines.

#### **RESOLUTION**

Resolved, that the California Transportation Commission (CTC) revise the 2000 State Transportation Improvement Program (STIP) at the end of the 30-day notice period as follows:

**Adds:**

Project Information								
County:	CT District:	PPNO:	EA:	Element:	Const Year:	PM Back	PM Ahead	Route/Corridor
Los Angeles	75	2035		Rail	2001-02	--	--	Metrolink
Project Title:	Global Positioning System							
Sponsor:	Southern California Regional Rail Authority (SCRRA)							
Implementing Agency:	Southern California Regional Rail Authority (SCRRA)							
RTPA/CTC:	Los Angeles County Metropolitan Transportation Authority (LACMTA)							
Location:	Metrolink system in Los Angeles County							
Description:	Global Positioning System upgrade to enhance the existing PA/CMS system serving Los Angeles County's Metrolink rail stations							

STIP Programming - RIP							(Dollars in Thousands)	
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total	
PA&ED								
PS&E								
R/W								
CON			\$132				\$132	
TOTAL			\$132				\$132	

**BACKGROUND**

This amendment programs \$132,000 in FY 2001-02 from Los Angeles County's Unprogrammed Share Balance for a Global Positioning System (GPS) project upgrade to enhance the existing Public Address/Changeable Message Sign (PA/CMS) system serving Los Angeles County's Metrolink train stations. The project will be implemented by Southern California Regional Rail Authority (SCRRA).

Installation and implementation of GPS technology was funded from the State General Fund and SCRRA local funds. This project upgrades the GPS system serving Metrolink commuter train passengers in Los Angeles County. The scope of work includes enhancing accuracy of vehicle location and software upgrades to provide real time vehicle information.

GPS technology is utilized to compute real-time vehicle location information for commuter trains. Real-time vehicle location information is essential not only for waiting passengers, but also for management staff. It allows transit and rail agencies to produce more efficient bus feeder/distribution schedules, and provides the means to calculate on-time performance statistics by route segment.

**ATTACHMENT**

**STIP AMENDMENT 00S-070**

Location Map



07-Los Angeles  
PPNO 75-2035

Location: In Los Angeles County on the Metrolink System

Description: Global Positioning System technology and changeable message signs for Los Angeles County's Metrolink Stations

