

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

PROGRAM AMENDMENTS  
 STIP Amendment 00S-061  
 Notice Item  
 CTC Meeting: December 12-13, 2001

Prepared By:  
 Wayne A. Lewis  
 Acting Chief  
 Division of Transportation Programming  
 (916) 654-4013

**PROPOSED**

Agenda Item: 2.1b.(2)

**Original Signed By**  
 \_\_\_\_\_  
 ROBERT L. GARCIA  
 Chief Financial Officer  
 December 1, 2001

**STIP AMENDMENT 00S-061 NOTICE**

**SUMMARY**

This amendment programs \$1,310,000 in Regional Improvement Program (RIP) funds from San Diego County's Unprogrammed Share Balance for three new projects: \$190,000 towards a \$2,460,000 planting and irrigation project on Route 54; \$820,000 towards a \$3,000,000 noise mitigation project on Routes 54 and 125; and \$300,000 towards a \$2,400,000 noise mitigation project on Route 125.

**RECOMMENDATION**

The Department and the San Diego Association of Governments (SANDAG) are requesting this amendment.

**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:

**And Adds:**

Project Information								
County:	CT District:	PPNO:	EA:	Element:	Const Year:	PM Back	PM Ahead	Route/Corridor
San Diego	11	0709	24980K	CTCO	2002-03	5.0	5.0	54
Project Title:	Restoration of Bonita Mitigation Site							
Sponsor:	Caltrans							
Implementing Agency:	Caltrans							
RTPA/CTC:	San Diego Association of Governments							
Location:	Near San Diego at 0.8 kilometer southeast of Briarwood Road Overcrossing							
Description:	Additional Planting and Irrigation (Environmental mitigation for State Routes 54 and 125)							

STIP Programming – RIP							(Dollars in Thousands)	
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total	
PA&ED			\$30				\$30	
PS&E			\$160				\$160	
R/W SUP								
CON SUP								
R/W								
CON								
TOTAL			\$190				\$190	

<b>Future Funding</b>		<b>(Dollars in Thousands)</b>					
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED							
PS&E							
R/W SUP							
CON SUP				\$370			\$370
R/W							
CON				\$1,900			\$1,900
<b>TOTAL</b>				<b>\$2,270</b>			<b>\$2,270</b>

<b>Total</b>		<b>(Dollars in Thousands)</b>					
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED			\$30				\$30
PS&E			\$160				\$160
R/W SUP							
CON SUP				\$370			\$370
R/W							
CON				\$1,900			\$1,900
<b>TOTAL</b>			<b>\$190</b>	<b>\$2,270</b>			<b>\$2,460</b>

**And Adds:**

<b>Project Information</b>								
County:	CT District:	PPNO:	EA:	Element:	Const Year:	PM Back	PM Ahead	Route/Corridor
<b>San Diego</b>	<b>11</b>	<b>0831</b>	<b>25350K</b>	<b>CTCO</b>	<b>2002-03</b>	<b>11.2</b>	<b>13.7</b>	<b>125/54</b>
Project Title:	<b>Noise Mitigation</b>							
Sponsor:	<b>Caltrans</b>							
Implementing Agency:	<b>Caltrans</b>							
RTPA/CTC:	<b>San Diego Association of Governments</b>							
Location:	<b>In and near Lemon Grove on Route 125 from 0.5 kilometer south of Jamacha Boulevard to 0.1 kilometer north of Troy Street and on Route 54 from Worthington Street to 1.1 kilometer east of Worthington Street</b>							
Description:	<b>Construct Noise Mitigation</b>							

<b>STIP Programming – RIP</b>		<b>(Dollars in Thousands)</b>					
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED			\$30				\$30
PS&E			\$280				\$280
R/W SUP			\$200				\$200
CON SUP							
R/W			\$310				\$310
CON							
<b>TOTAL</b>			<b>\$820</b>				<b>\$820</b>

<b>Future Funding</b>		<b>(Dollars in Thousands)</b>					
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED							
PS&E							
R/W SUP							
CON SUP				\$280			\$280
R/W							
CON				\$1,900			\$1,900
<b>TOTAL</b>				<b>\$2,180</b>			<b>\$2,180</b>

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<b>Total</b>							
<b>(Dollars in Thousands)</b>							
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED			\$30				\$30
PS&E			\$280				\$280
R/W SUP			\$200				\$200
CON SUP				\$280			\$280
R/W			\$310				\$310
CON				\$1,900			\$1,900
<b>TOTAL</b>			<b>\$820</b>	<b>\$2,180</b>			<b>\$3,000</b>

**And Adds:**

<b>Project Information</b>								
County:	CT District:	PPNO:	EA:	Element:	Const Year:	PM Back	PM Ahead	Route/Corridor
<b>San Diego</b>	<b>11</b>	<b>0832</b>	<b>001970</b>	<b>CTCO</b>	<b>2002-03</b>	<b>12.8</b>	<b>12.8</b>	<b>125</b>
Project Title:	<b>Noise Mitigation for Mount Miguel High School (Financial Contribution Only)</b>							
Sponsor:	<b>Caltrans</b>							
Implementing Agency:	<b>Caltrans</b>							
RTPA/CTC:	<b>San Diego Association of Governments</b>							
Location:	<b>Near Lemon Grove on Route 125 north of Jamacha Road</b>							
Description:	<b>Noise Mitigation for Mount Miguel High School (Financial Contribution Only)</b>							

<b>STIP Programming – RIP</b>							
<b>(Dollars in Thousands)</b>							
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED							
PS&E							
R/W SUP							
CON SUP							
R/W							
CON			\$300				\$300
<b>TOTAL</b>			<b>\$300</b>				<b>\$300</b>

<b>Future Funding</b>							
<b>(Dollars in Thousands)</b>							
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED							
PS&E							
R/W SUP							
CON SUP							
R/W							
CON				\$2,100			\$2,100
<b>TOTAL</b>				<b>\$2,100</b>			<b>\$2,100</b>

<b>Total</b>							
<b>(Dollars in Thousands)</b>							
Component	PRIOR	2000/2001	2001/2002	2002/2003	2003/2004		Total
PA&ED							
PS&E							
R/W SUP							
CON SUP							
R/W							
CON			\$300	\$2,100			\$2,400
<b>TOTAL</b>			<b>\$300</b>	<b>\$2,100</b>			<b>\$2,400</b>

## **BACKGROUND**

This amendment programs \$1,310,000 in Regional Improvement Program (RIP) funds from San Diego County's Unprogrammed Share Balance for three new projects: \$190,000 towards a \$2,460,000 planting and irrigation project on Route 54; \$820,000 towards a \$3,000,000 noise mitigation project on Routes 54 and 125; and \$300,000 towards a \$2,400,000 noise mitigation project on Route 125.

### **Project #1 – Route 54 Restoration of Bonita Mitigation Site (PPNO 0709)**

This amendment programs \$190,000 for the project development and right of way components of a planting and irrigation project on Route 54. Construction of Route 54 from Interstate 805 to west of Worthington street and the Route 54/Route 125 project from west of Worthington street to Route 94 resulted in impacts to wetlands. As a mitigation measure, Section 404 and Section 1601 permits required restoration of approximately 40 acres of riparian habitat.

A site was selected near Briarwood Road Overcrossing (Bonita Mitigation Site) and a contract was awarded in 1994 to re-grade the site, install irrigation and plant shrubs and saplings. The irrigation was discontinued at the end of one-year plant establishment period, as the vegetation was anticipated to be self-sustaining thereafter. A subsequent four-year contract was awarded in 1997, to maintain the site by weeding out invasive species and monitor progress of the mitigation. An independent report prepared to measure the success of the mitigation indicated that the site did not reach the vegetative cover and tree cover goals required by the permits. An investigation conducted in April 2001 revealed that the soil at the re-graded site in the low performing areas contained very little organic matter. The investigation also identified that the groundwater levels were lower than originally anticipated and indicated the need to modify the irrigation patterns during plant establishment period to develop a deep root structure and enable self-sustaining vegetation. Vandalism was also cited as one of the reasons the mitigation site has not met original expectations.

The scope of work on the proposed project includes replacing vegetation, building fences, re-establishing irrigation, increasing security and aggressive monitoring to ensure successful compliance with the permit requirements. In their 2002 Regional Transportation Improvement Program (RTIP), SANDAG has committed the \$2,270,000 needed in FY 2002-03 for the construction components of the project.

### **Project #2 – Route 125/54 Noise Mitigation (PPNO 0831)**

This amendment programs \$820,000 for the project development and right of way components of a new noise mitigation project to construct soundwalls on Routes 54 and 125. Noise mitigation along Camino de Las Palmas is required as a result of increased noise levels attributable to the construction of the Route 125 freeway. This project will construct soundwalls within the Department's right of way and on private properties.

The need for noise mitigation at this location was not anticipated during the original programming of Routes 125 and 54. The profile of the freeway main lanes was revised just prior to final design to balance the earthwork, requiring new noise studies. In an effort to not delay construction of the roadway project, it was decided to proceed with the roadway construction while noise studies were being completed. The studies concluded that mitigation was required at certain locations. The mitigation will be voluntary and will not be built where not desired by the property owners. It is anticipated that the mitigation will be completed a few months after the freeway is opened to traffic at the end of 2002. In their 2002 RTIP, SANDAG has committed the \$2,180,000 needed in FY 2002-03 for the construction components of the project.

Project #3 – Route 125 Noise Mitigation for Mount Miguel High School (PPNO 0832)

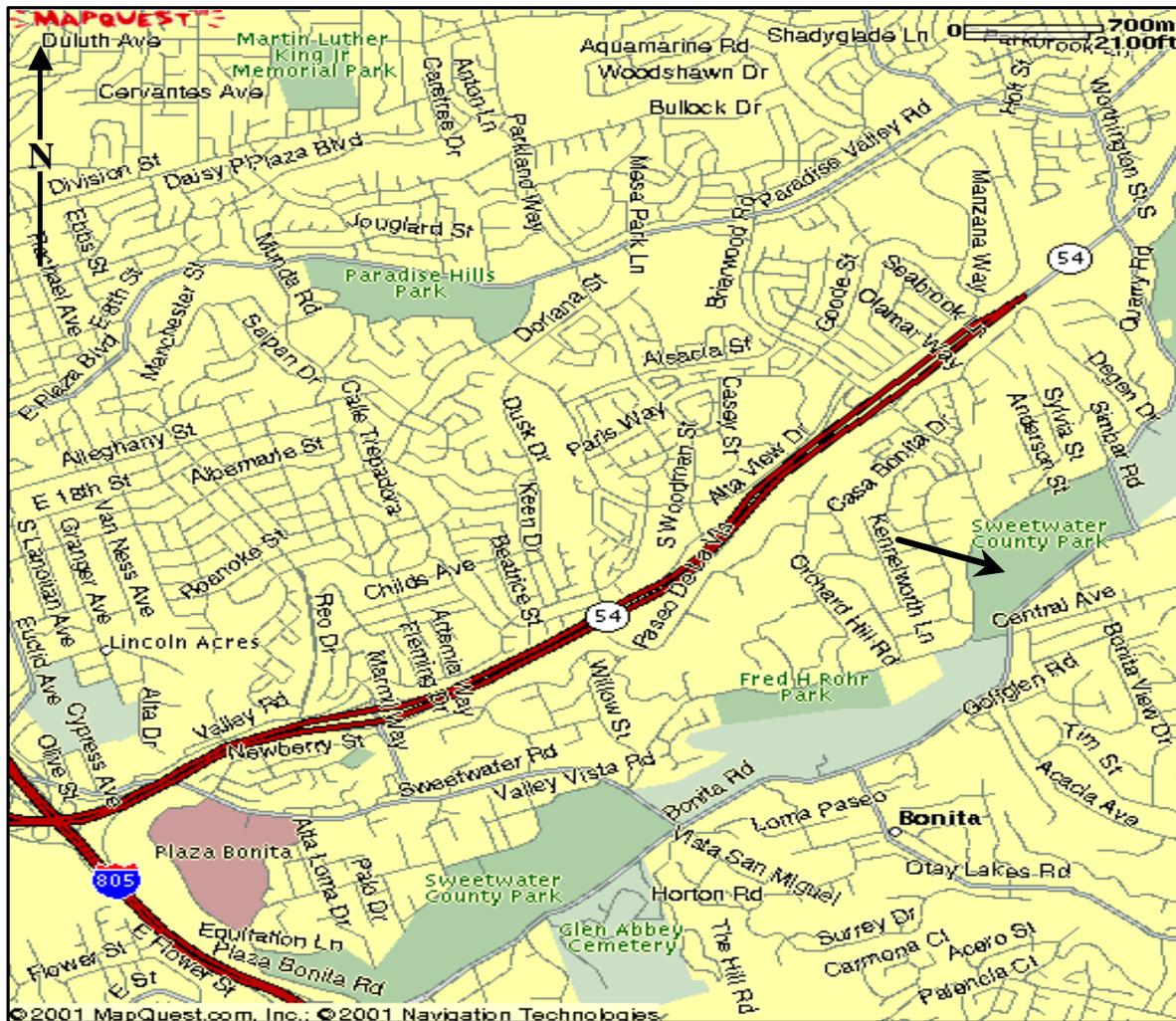
This amendment programs \$300,000 for a new noise mitigation project for Mount Miguel High School, located adjacent to Route 125. A noise study prepared in August 1999 found that noise in portions of the school adjacent to the Route 125 freeway would exceed the Noise Abatement Criteria. The Department and Grossmont Union High School District agreed on the scope and cost of the noise abatement improvements. The project will provide noise abatement through the use of insulation, weather seals on doors, window replacement, etc. The noise abatement improvements will be designed and constructed by the School District, and Caltrans will reimburse the School District for the costs through two cooperative agreements. The proposed programming will provide funding for the items of work covered in the first cooperative agreement. In their 2002 RTIP, SANDAG has committed the \$2,100,000 needed in FY 2002-03 for work covered in the second cooperative agreement.

ATTACHMENTS

**STIP AMENDMENT 00S-061**

Location Map

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11-San Diego-54  
PPNO 0709

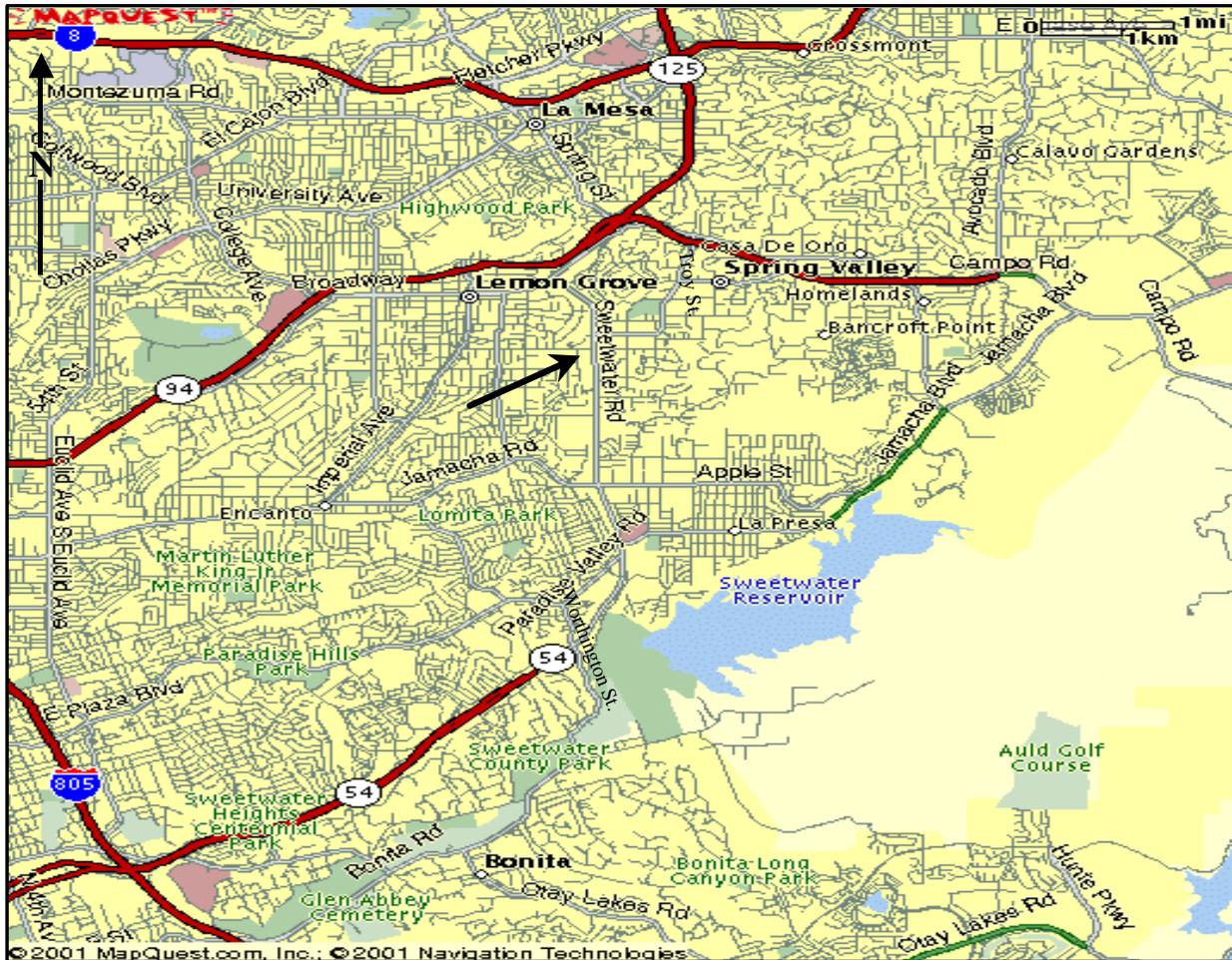
Location: Near San Diego, southeast of Brianwood Road

Description: Additional planting and irrigation (Environmental mitigation for State Routes 54 and 125)



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Location Map  
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11-San Diego-125/54  
PPNO 0831

Location: In Lemon Grove on Route 125, Jamacha Boulevard to Troy Street, and on Route 54 at Worthington Street

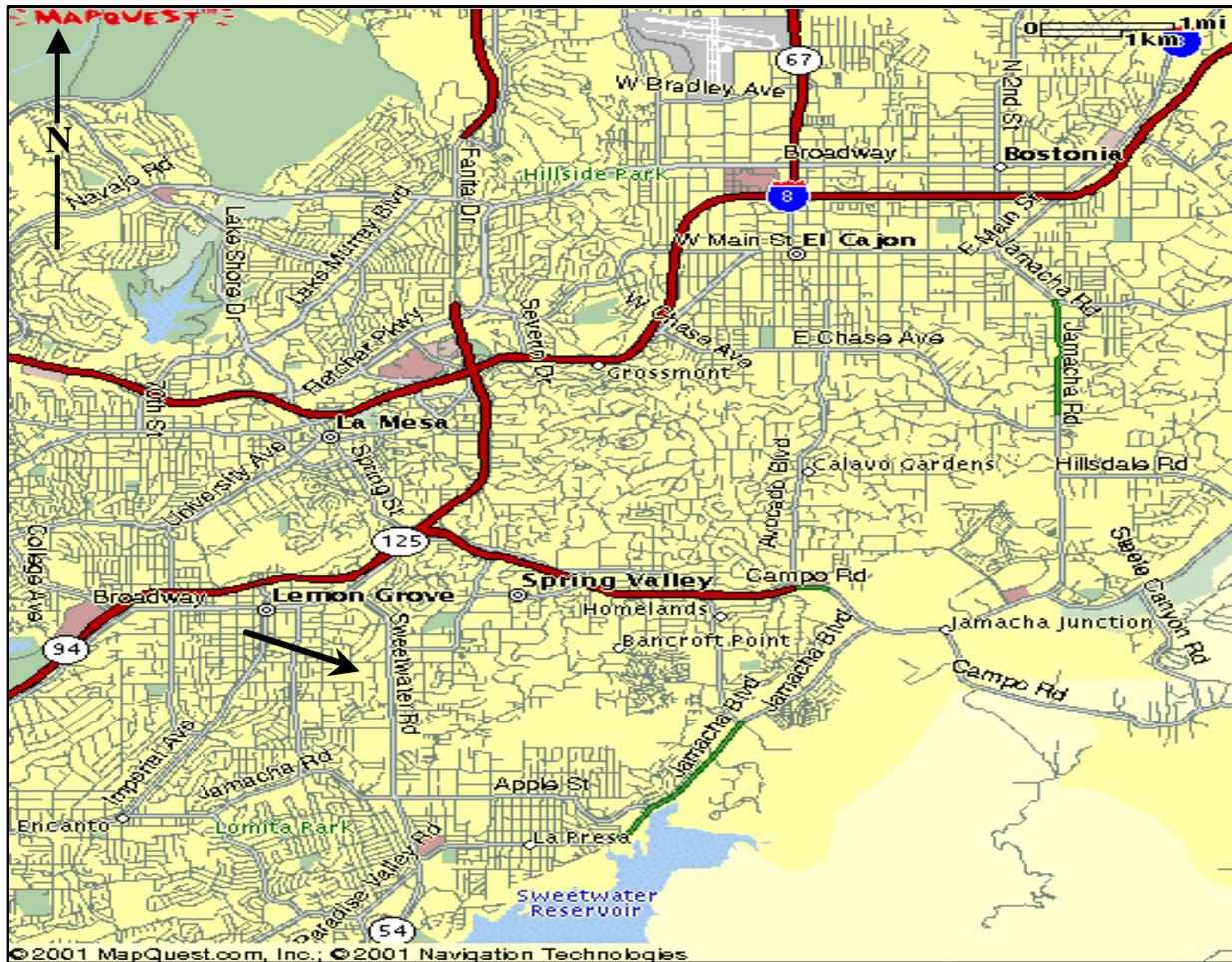
Description: Construct noise mitigation



**STIP AMENDMENT 00S-061**

Location Map

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11-San Diego-125  
PPNO 0832

Location: Near Lemon Grove north of Jamacha Road

Description: Construct school noise mitigation

