

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: April 2-3, 2003

Reference No.: 2.1b.(4)  
Information Item

From: ROBERT L. GARCIA  
Chief Financial Officer

Prepared by: Jim Nicholas  
Division Chief  
Transportation Programming

Ref: **STIP AMENDMENT 02S-056**

Trinity County has requested that this proposed State Transportation Improvement Project (STIP) amendment be noticed at the April 2003 Commission meeting, and be considered for approval in May. This notice is an informational item allowing the Commission to review the proposal, comment and/or ask questions prior to taking formal action in May 2003 or later.

Trinity County proposes to delay \$665,000 of Regional Improvement Program (RIP) funds for the construction component for two projects: 1) Mad River Road Rehabilitation (PPNO 2220) \$515,000 from Fiscal Year (FY) 2003-04 to FY 2004-05; and 2) Van Horn Creek Bridge project (PPNO 2224) \$150,000 from FY 2003-04 to FY 2005-06. This is a revenue neutral programming action.

## **RECOMMENDATION:**

The Department of Transportation (Department) recommends that the item be placed on the consent calendar for approval at the May 2003 Commission meeting.

**BACKGROUND:****Project #1 Mad River Road Rehabilitation**

The Mad River Road is a Rural Minor Collector and this segment is the only year round maintained public access to the community of Ruth. It also provides an important link for recreational and commercial traffic to a large area of United States Forest Service (USFS) recreational and resource lands. The existing road has inadequate pavement thickness for the volume of local traffic as well as commercial traffic and permit loads. There is extensive surface cracking and some minor rutting. This project will prevent additional surface and structural section failures and substantially reduce maintenance costs.

During the design phase of this project, it was determined that a major drainage facility within the project limits was failing. An engineering analysis determined that damage to the current drainage facility was severe and replacement was recommended. The Trinity County Public Works intends to install a multiplate arch pipe in the Fall of 2003, assuming all of the environmental permits can be obtained and the completion is not delayed by the onset of inclement weather.

Delaying the Construction component for this project from FY 2003-04 to FY 2004-05 allows time for the drainage project, along with some other construction work, to be completed prior to this project commencing.

**Project #2 Van Horn Creek Bridge Replacement**

The Van Horn Creek Bridge is located on the Mad River Road approximately 25 miles south of State Route 36. The Mad River Road provides access to numerous private residences along with serving private resource lands and USFS lands. The existing bridge is a single lane, single span wood structure constructed on wood abutments. The wood decking and railings need replacement. Even though the structure ranks only for rehabilitation, a value engineering analysis was performed to evaluate the merits of replacement versus rehabilitation.

The Division of Structures inspects bridges every two years. Their inspection found this bridge to be structurally deficient and eligible for funding under the Highway Bridge Replacement & Rehabilitation (HBRR) program. Trinity County Department of Transportation has been informed that HBRR funds have been reserved for this project.

A value engineering analysis, which evaluated the merits of bridge replacement versus rehabilitation, has been completed. That analysis determined bridge replacement to be the most cost effective means of upgrading this structurally deficient structure. The rescheduling of this project for Construction from FY 2003-04 to FY 2005-06 provides time to complete the more involved design process for bridge replacement instead of rehabilitation and provides for the extra time needed in conducting the value engineering analysis.

**RESOLUTION:**

Resolved, that the California Transportation Commission (Commission) revise the 2002 State Transportation Improvement Program (STIP) at the end of the 30-day notice period as follows:

**Delays:**

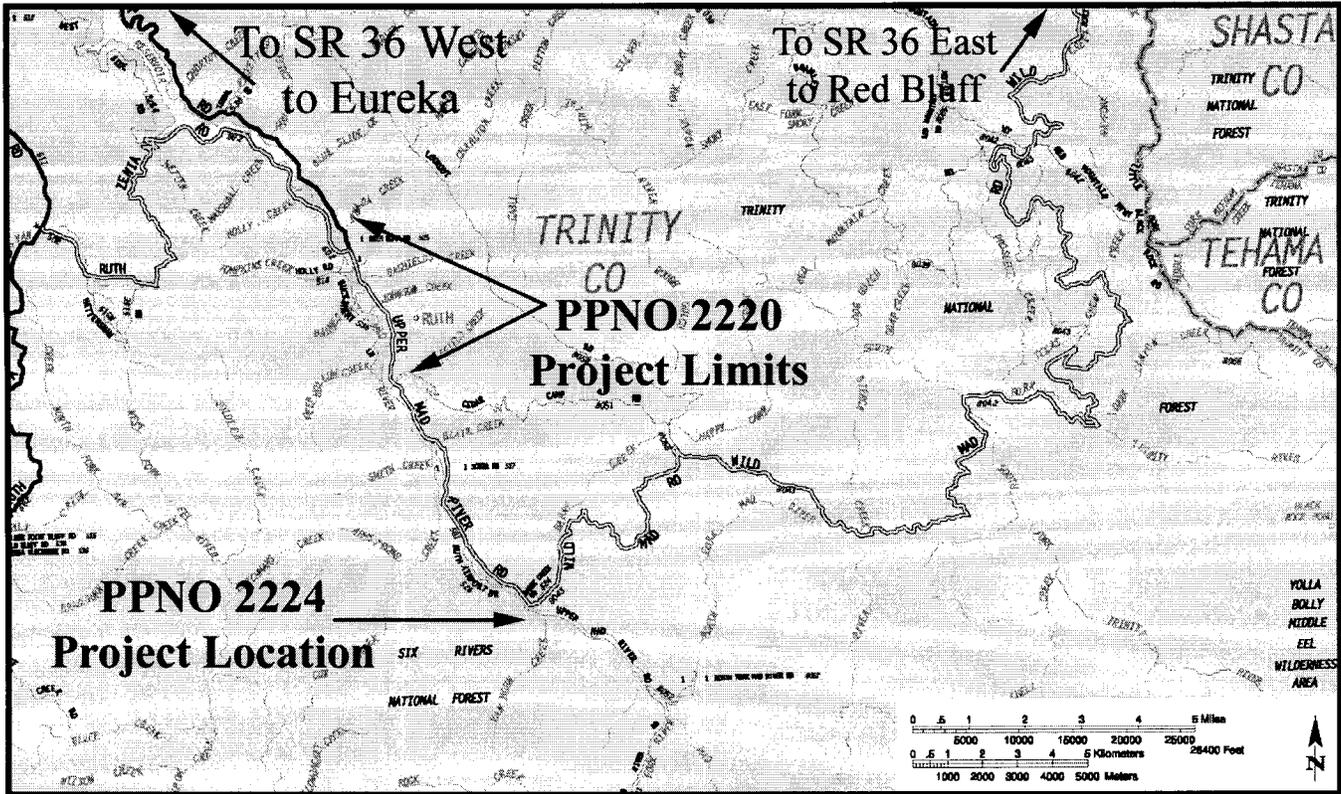
County	CT District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Trinity	02	2220	454894L	LA	2003-04 2004-05	--	--	--					
<b>Implementing Agency:</b> (by component)		PA&ED	Trinity County		AB 3090	PS&E	Trinity County						
		R/W	Trinity County		AB 3090	CON	Trinity County						
<b>RTPA/CTC :</b>		Trinity County											
<b>Project Title:</b>		Mad River Road Rehab											
<b>Location:</b>		In Trinity County, near the community of Ruth, on Mad River Road											
<b>Description:</b>		Roadway rehabilitation											
<b>(DOLLARS IN THOUSANDS)</b>													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	02/03	03/04	04/05	05/06	06/07	PA&ED (E & P)	PS&E (Design)	R/W SUP	CON SUP	R/W	CON
<b>STIP Programming - RIP</b>													
Existing	\$525		\$10	\$515				\$10					\$515
Change	\$0			(\$515)	\$515								
Proposed	\$525		\$10	\$0	\$515			\$10					\$515
<b>Other - County Road Funds</b>													
Existing	\$5	\$5					\$5						
Change													
Proposed	\$5	\$5					\$5						
<b>TOTALS</b>													
Existing	\$530	\$5	\$10	\$515			\$5	\$10					\$515
Change	\$0			(\$515)	\$515								
Proposed	\$530	\$5	\$10	\$0	\$515		\$5	\$10					\$515

**Delays:**

County	CT District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor						
Trinity	02	2224	455384L	LA	2003-04 2005-06	--	--	--						
<b>Implementing Agency:</b> (by component)		PA&ED	Trinity County		AB 3090	PS&E	Trinity County							
		R/W	Trinity County		AB 3090	CON	Trinity County							
<b>RTPA/CTC :</b>		Trinity County												
<b>Project Title:</b>		Van Horn Creek Bridge HBRR Replacement												
<b>Location:</b>		In Trinity County, on Mad River Road at Van Horn Creek												
<b>Description:</b>		Replace bridge and approaches												
<b>(DOLLARS IN THOUSANDS)</b>														
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component						
		Prior	02/03	03/04	04/05	05/06	06/07	PA&ED (E & P)	PS&E (Design)	R/W SUP	CON SUP	R/W	CON	
<b>STIP Programming - RIP</b>														
Existing	\$150			\$150										\$150
Change	\$0			(\$150)		\$150								
Proposed	\$150			\$0		\$150								\$150
<b>Other - Local Funds</b>														
Existing	\$64	\$34	\$3	\$27			\$10	\$24				\$3	\$27	
Change	\$0			(\$27)		\$27								
Proposed	\$64	\$34	\$3	\$0		\$27	\$10	\$24				\$3	\$27	
<b>Other - Highway Bridge Replacement &amp; Rehabilitation (HBRR)</b>														
Existing	\$858	\$136	\$14	\$708			\$40	\$96				\$14	\$708	
Change	\$0			(\$708)		\$708								
Proposed	\$858	\$136	\$14	\$0		\$708	\$40	\$96				\$14	\$708	
<b>TOTALS</b>														
Existing	\$1,072	\$170	\$17	\$885			\$50	\$120				\$17	\$885	
Change	\$0			(\$885)		\$885								
Proposed	\$1,072	\$170	\$17	\$0		\$885	\$50	\$120				\$17	\$885	

**STIP AMENDMENT 02S-056**

Location Map



02-Trinity

PPNO 2220 and PPNO 2224

Location: PPNO 2220: In Trinity County, near the community of Ruth, on Mad River Road  
 PPNO 2224: In Trinity County, on Mad River Road at Van Horn Creek

Description: PPNO 2220: Rehabilitate roadway  
 PPNO 2224: Replace bridge and approaches

