



OFFICE OF THE PRESIDENT

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**ACTION UNDER PRESIDENT'S AUTHORITY--AMENDMENT TO THE BUDGET  
FOR CAPITAL IMPROVEMENTS AND THE CAPITAL IMPROVEMENT PROGRAM  
FOR UNIVERSITY ARROYO FLOOD CONTROL AND ENHANCEMENT,  
RIVERSIDE CAMPUS**

It is recommended that:

**Pursuant to Standing Order 100.4(q)**

- (1) The President amend the 2005-06 Budget for Capital Improvements and the Capital Improvement Program to include the following project:

Riverside: University Arroyo Flood Control and Enhancement - preliminary plans, working drawings, and construction - \$7,186,000 to be funded from campus funds.

A Key to the abbreviations and the project description are attached.

KEY  
Capital Improvement Program Abbreviations

<b>S</b>	Studies
<b>P</b>	Preliminary Plans
<b>W</b>	Working Drawings
<b>C</b>	Construction
<b>E</b>	Equipment
<b>-</b>	State Funds (no abbreviation)
<b>F</b>	Federal Funds
<b>G</b>	Gifts
<b>HR</b>	Hospital Reserve Funds
<b>I</b>	California Institutes for Science and Innovation
<b>LB</b>	Bank Loans or Bonds (External Financing includes Garamendi, Bonds, Stand-By, Interim and Bank Loans)
<b>LR</b>	Regents' Loans (Internal Loans)
<b>N</b>	Reserves other than University Registration Fee (Housing and Parking Reserves)
<b>R</b>	University Registration Fee Reserves
<b>U</b>	Regents' Appropriations (President's Funds, Educational Fund)
<b>X</b>	Campus Funds
<b>CCCI</b>	California Construction Cost Index
<b>EPI</b>	Equipment Price Index

Budget for Capital Improvements and  
Capital Improvement Program  
Scheduled for  
Regents' Allocation, Loans, Income Reserves, University Registration Fee Reserves,  
Gift Funds, and Miscellaneous Funds

Campus and Project Title (Total Cost)							Proposed 2005-06
	<u>Approved</u>						<u></u>
<u>Riverside</u>							
University Arroyo							
Flood Control and							
Enhancement	P	403	X		P	50	X
	W	195	X		W	90	X
	C	4,039	X		C	2,409	X
(\$7,186,000)							

### DESCRIPTION

The Riverside campus proposes to construct a series of storm drain improvements to the area within the University Arroyo, a major stormwater drainage system and flood plain that runs east to west across the northern portion of the East Campus. The purpose of the improvements is to reduce the extent of the 100-year flood plain the University Arroyo creates as it traverses the East Campus. The proposed project budget totals \$7,186,000 funded from campus funds.

### *Background*

The original concept for this project was approved by (then) Chancellor Orbach in October 2000. Subsequent to that approval, negotiations with the City of Riverside and a law suit associated with the original project concept required revisions to the original concept. The revised project was approved by Chancellor Cordova in May 2003 for a total project cost of \$4,637,000.

Subsequent to Chancellor Cordova's approval of the project budget, scope, and schedule, the project has undergone design changes and value engineering. Despite ongoing strategies to ameliorate construction costs and market conditions, estimates for the project exceeded the previously budgeted amount. The amended project budget, scope and schedule were approved administratively by the Office of the President in September 2005 for a total of \$6,622,000.

Following the administrative approval, the campus received bids from qualified bidders in November 2005. The lowest qualified bidder exceeded the approved budget. In order to expedite project completion and avoid re-bidding the campus is now requesting Presidential approval for a revised project budget which represents an 8.5% increase over the administrative approval and a 54.9% increase over the originally approved budget.

## *Project Description*

The proposed project is comprised of above ground and below ground storm drainage improvements to reduce the 100-year flood plain (as defined by the Federal Emergency Management Agency or FEMA) as the University Arroyo flows from the eastern boundary of the campus at Valencia Hill Drive and Big Springs Road to the Gage Basin, located north of University Avenue and south of the former Watkins House site at the western boundary of the campus. The reason for the reduction in the flood plain boundaries is designed to create additional buildable sites for proposed academic and campus support buildings on Parking Lots 10 and 13, as well as the Athletic Fields. The improvements include: above ground channel enlargements and enhancements along the southern edge of Big Springs Road and western edge of Parking Lot 10; enlargement of the Junction area (north of North Campus Drive between Big Springs Road and the Veitch Drive) detention capacity; creation of a detention basin downstream of the Botanic Garden parking lot; and installation of a 7' by 7' underground culvert from the intersection of Big Springs Road and East Campus Drive to the Gage Basin. Appropriate landscape restoration as required by permitting agencies will be installed where identified. Other areas will be landscaped with appropriate plant material.

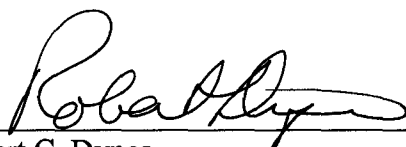

## *CEQA Classification*

An Initial Study was prepared and a Mitigated Negative Declaration was adopted by the campus in compliance with the California Environmental Quality Act

## *Financial Feasibility*

The total project of \$7,186,000 would be funded from campus funds.

Approved by:

	
<hr/> Robert C. Dynes President of the University	<hr/> Date

(Attachments)

## ATTACHMENT 1

**PROJECT STATISTICS**  
**UNIVERSITY ARROYO FLOOD CONTROL AND ENHANCEMENT**  
**CAPITAL IMPROVEMENT BUDGET**  
**RIVERSIDE CAMPUS**  
**CCCI 4590**

<u>Cost Category</u>	<u>Amount</u>	<u>% of Total</u>
Site Clearance	\$	%
Building	\$	%
Exterior Utilities	\$	%
Site Development	\$5,757,000	80.1%
A/E Fees	\$ 507,000	7.1%
Campus Administration <sup>(a)</sup>	\$ 104,000	1.4%
Surveys, Tests	\$ 85,000	1.2%
Special Items <sup>(b)</sup>	\$ 559,000	7.8%
Contingency	\$ 174,000	2.4%
Total	<b>\$7,186,000</b>	100.0%
Group 2 & 3 Equipment	\$	
Total Project	<b>\$7,186,000</b>	

**Statistics**

Gross Square Feet (GSF) <sup>(c)</sup>	n/a
Assignable Square Feet (ASF) <sup>(c)</sup>	n/a
Ratio ASF/GSF (%) UC	n/a%
Building Cost/GSF <sup>(c)</sup>	\$n/a
Building Cost/ASF <sup>(c)</sup>	\$n/a

(a) Campus administration includes project management and inspection.

(b) Special items include hydrology consultant, engineering surveys, legal costs, environmental documentation & mitigation (CEQA), value engineering/constructability reviews, miscellaneous agency reviews (e.g. DSA), and utilities shutdown.

(c) Gross square feet (GSF) is the total area, including usable area, stairways, and space occupied by the structure itself. Assignable square feet (ASF) is the net usable area.