



# Controlled Maintenance Budget Request FY 2001-2002

August 2000

**Facilities Management Department Division of Administrative Services** 

## CONTROLLED MAINTENANCE BUDGET REQUEST

FY 2001-02

ALL INCLUSIVE EDUCATION AND GENERAL AUXILIARY FUNCTIONS PROFESSIONAL VETERINARY MEDICINE AGRICULUTRAL EXPERIMENT STATIONS COLORADO STATE FOREST SERVICE COOPERATIVE EXTENSION SERVICE

> SCHEDULES SUMMARY SPECIFIC GENERAL CMP

> > August 2000

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## **State Board of Agriculture**

The State Board of Agriculture (SBA) is the governing board of the Colorado State University System, which is comprised of Colorado State University (CSU), University of Southern Colorado (USC) and Fort Lewis College (FLC). The SBA consists of nine voting members appointed by the Governor of Colorado and confirmed by the Colorado State Senate and six elected advisory members representing the faculty and students of each institution.

### SBA Membership as of June 15, 2000

Stewart Bliss	President	3600 Republic Plaza	Telephone	(303) 592-482
	Voting Member	370 Seventeenth St	Fax Number	(303) 592-4819
enordese (970) enordese	Dy Department	Denver, CO 80202-4004	Term Expires	2001
Reginald Washington	Vice President	Rcky Mt Pediatric Cardiology	Telephone	(303) 860-9933
	Voting Member	1601 E 19th Ave, Suite 5600	Fax Number	(303) 839-5844
Boshile (319) Enologie	020 strees a since	Denver, CO 80218	Term Expires	2001
Patrick Garcia	Executive Committee	Peterson & Fonda, P.C.	Telephone	(719) 545-9330
	Voting Member	215 West Second St	Fax Number	(719) 542-8515
equinone (970) 247-726	For Quality induction	Pueblo, CO 81002-0035	Term Expires	2002
William W. Warren	Executive Committee	William W. Warren	Telephone	(303) 732-4505
	Voting Member	2340 West County Rd 55	Fax Number	(303) 732-4505
Naphone (670) 247-720	a Alforenty Strategy	Keenesburg, CO 80643	Term Expires	2002
Donald A. Hamstra	Voting Member	Brighton Medical Group	Telephone	(303) 654-1800
		1929 Egbert	Fax Number	(303) 659-8270
Hephone (719) 548-290	trial Britosulon Degi	Brighton, CO 80601	Term Expires	2003
Ronald W. Pettigrew	Voting Member	TAWB, Inc.	Telephone	(970) 375-1226
		P.O. Box 135	Fax Number	(970) 259-8862
Hephone (719) 569-286	T 030 amebul8 balais Fon Cullins, CO 8053	Durango, CO 81302	Term Expires	2004
Wesley A. Segelke	Voting Member	Wes Segelke & Company	Telephone	(303) 757-8553
		1720 S Bellaire St, Suite 300	Fax Number	(303) 759-8081
		Denver, CO 80222-4316	Term Expires	2004
Jeff Shoemaker	Voting Member	Greenway Foundation	Telephone	(303) 455-7158
		1752 Platte St, Suite 200	Fax Number	(303) 455-7234
		Denver, CO 80202	Term Expires	2003

Michael J. Stratton	Voting Member	Stratton Companies	Telephone	(303) 377-699
		6 Bald Eagle	Fax Number	(303) 972-204:
nele University Suster	sound of the Colorado S	Littleton, CO 80127	Term Expires	2001
Albert C. Yates	Secretary/Treasurer	State Board of Agriculture	Telephone	(303) 534-629
	Nonvoting Member	110 Sixteenth St, Suite 640	Fax Number	(303) 534-6298
		Denver, CO 80202	Term Expires	2001
Beverly Michoski	Deputy Secretary	State Board of Agriculture	Telephone	(303) 534-629
	Nonvoting Member	301 Johnson Hall, CSU	Fax Number	(303) 534-6298
		Ft Collins, CO 80523-0002	Term Expires	2001
Dr. Brent Reeves	Faculty Rep CSU	Biology Department	Telephone	(970) 491-594
	Advisory Member	Colorado State University	Fax Number	(970) 491-0649
		Ft Collins, CO 80523-1878	Term Expires	2001
Daniel T. Kunz	Student Rep CSU	Associated Students, CSU	Telephone	(970) 491-593
	Advisory Member	Colorado State University	Fax Number	(970) 491-3509
		Ft Collins, CO 80523-8033	Term Expires	2001
Dr. Doreen Hunter	Faculty Rep FLC	Department of History	Telephone	(970) 247-7269
	Advisory Member	Fort Lewis College	Fax Number	(970) 247-7054
isphone (302) 732-45	in W. Waren	Durango, CO 81301	Term Expires	2001
Aaron Greco	Student Rep FLC	Associated Students, FLC	Telephone	(970) 247-7207
	Advisory Member	Fort Lewis College	Fax Number	(970) 247-7487
	ton Medical Group Tot	Durango, CO 81301	Term Expires	2001
Michael Hoots	Faculty Rep USC	Industrial Education Dept	Telephone	(719) 549-2938
	Advisory Member	Univ of Southern Colorado	Fax Number	(719) 549-2519
(970) 375-12	tan da	Pueblo, CO 81001	Term Expires	2001
Victoria Esquibel	Student Rep USC	Associated Students, USC	Telephone	(719) 549-2866
	Advisory Member	Univ of Southern Colorado	Fax Number	(719) 549-2293
		Pueblo, CO 81001	Term Expires	2001

## SBA Membership as of June 15, 2000

## **Colorado State University**

## Key Administrative Officers and Facilities Contacts

Albert C. Yates	President, Colorado State University		
	102 Administration, CSU	Telephone	(970) 491-6211
	Fort Collins, CO 80523-0100	Fax Number	(970) 491-0501
Loren W. Crabtree	Provost - Academic Vice President		
	108 Administration, CSU	Telephone	(970) 491-6614
	Fort Collins, CO 80523-1001	Fax Number	(970) 491-0215
Gerard J. Bomotti	Vice President for Administrative Services		
	309 Administration, CSU	Telephone	(970) 491-5257
	Fort Collins, CO 80523-6001	Fax Number	(970) 491-2254
Judson M. Harper	Vice President for Research and Information	Technology	
	203 Administration, CSU	Telephone	(970) 491-7194
	Fort Collins, CO 80523-2001	Fax Number	(970) 491-5541
Keith M. Miser	Vice President for Student Affairs		
	201 Administration, CSU	Telephone	(970) 491-5312
	Fort Collins, CO 80523-8004	Fax Number	(970) 491-7025
Kathleen Byington	Acting Vice President for University Advance	ement	
	521 University Services, CSU	Telephone	(970) 491-7530
	Fort Collins, CO 80523-7115	Fax Number	(970) 491-0234
Ronald A. Baker	Director, Department of Facilities Manageme	ent	
	132 Facilities Services North, CSU	Telephone	(970) 491-0006
	Fort Collins, CO 80523-6030	Fax Number	(970) 491-0105
Nancy K. Hurt	Manager, Facilities Planning & Property Mgm	nt	
	134 Facilities Services North, CSU	Telephone	(970) 491-0005
	Fort Collins, CO 80523-6030	Fax Number	(970) 491-7572

## **Colorado State University System**

## CSUS Staff, 110 Sixteenth St, Suite 640, Denver, CO 80202 (303) 534-6290

Albert C. Yates	Chancellor
David G. Clark	Vice Chancellor for Academic Affairs
Edward R. Bowditch	Vice Chancellor for Administrative Affairs
Rich Tusa	Assistant Vice Chancellor & Director of Internal Audit
Brain A. Snow	General Counsel
Michael S. Williams	Associate General Counsel
Judy Schmidt	Deputy General Counsel
Donna Aurand	Associate Legal Counsel
Laurence Pendleton	Associate Legal Counsel
Beverly Michoski	Deputy Secretary
Donna Flygare	Denver Office Staff

## CONTROLLED MAINTENANCE REQUEST SUMMARY

FY 2001/02

CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2001/02 STATE BUILDINGS PROGRAMS

Page 1 of 3

1) Agency: Colorado State University

#### 2) Department: Higher Education

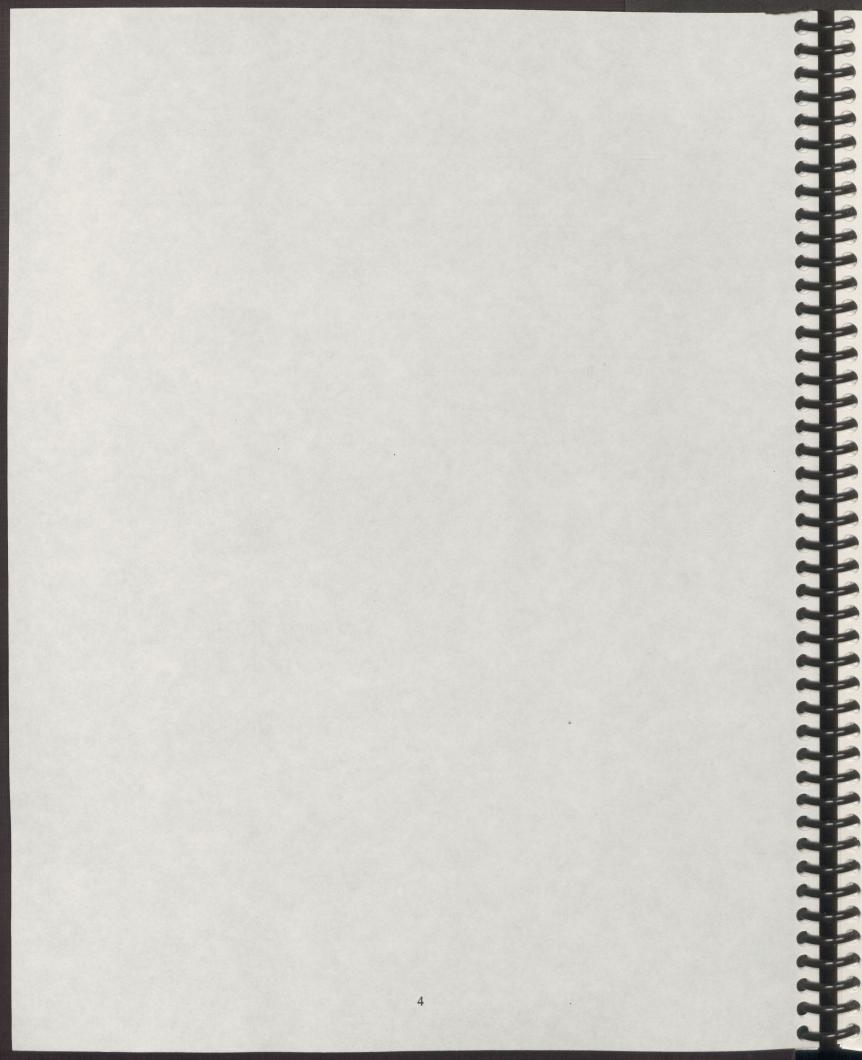
3) Date: July 28, 2000

		17 200291 CM 3003	36,408,318 \$6,408,318 \$1,723,375,11	Agency Priority # AP	Operational Criteria x OC	Critical Index x CI	Projec Score = PS
4) PROJ. M#	PHYS. PLANT ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9)	10)
M90025	7299	East Drive to Center Street Steam	Loop	1	2		
		Phase 3 of 3		Per Electric	keplace l	1196	
		Total Project Cost:	\$1,207,630		1.10.1		
		Prior Appropriation:	\$588,244	Total Pt			
		2001/02 Year Request:	\$619,386	Print Apr			
		Project Balance:	\$0	oy 001/62 Ye			
M00032	597	Replace Det. Items - Wagar BRP	Contract (	1	2		
		Phase 2 of 3		hanned Flagting	Replace	1953	
		Total Project Cost:	\$2,021,303		L'art.		
		Prior Appropriation:	\$660,413	PA Look			
		2001/02 Year Request:	\$684,877	Prior Apri-			
		Project Balance:	\$676,013	6Y 534100			
M00034	101	Replace Det. Roofing	Stantas :	1	2		
		Phase 2 of 2		attantif 200	Replace	200	
		Total Project Cost:	\$793,190	23	Phase Lo		
		Prior Appropriation:	\$464,260	r'i istoT			
		2001/02 Year Request:	\$328,930	Prior App			
		Project Balance:	\$0	a¥ 50400			
M00033	500	Replace Det. Roads & Sidewalks	Castantes -	1	1		
		Phase 2 of 5		et Median	Replace	2495	
		Total Project Cost:	\$1,698,898		1 to 1		
		Prior Appropriation:	\$544,500	ri kadi 🖓			
		2001/02 Year Request:	\$293,191	Prior App			
		Project Balance:	\$861,207	301/02 Yes			
	1700	Replace Det. Items - San Luis Valle	ey & CSFS Foot	1	2		
		1 of 1		- mail and	Replace	199	
		Total Project Cost:	\$294,042	8.1	Phase 1		
		Prior Appropriation:	\$0	Total Pr			
		2001/02 Year Request:	\$294,042	Prior App			
		Project Balance:	\$0	201702 Yes			

				Agency Priority # AP	Operational Criteria x OC	Critical Index x CI	Project Score
4) PROJ. M#	PHYS. PLANT ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9)	10)
	297	Replace Det. Items - Forestry BRP Phase 1 of 3		1	2		
		Total Project Cost:	\$1,558,050				
		Prior Appropriation:	\$0				
		2001/02 Year Request:	\$450,700				
		Project Balance:	\$1,107,350				
	1196	Replace Det. Electrical - Ayleswor 1 of 1	rth Hall	1	2		
		Total Project Cost:	\$399,244				
		Prior Appropriation:	\$0				
		2001/02 Year Request:	\$399,244				
		Project Balance:	\$0				
	6297	Replace Det. Electrical Feeders &	Main Campus Fe	1	2		
		Total Project Cost:	\$634,802				
		Prior Appropriation:	\$0				
		2001/02 Year Request:	\$634,802				
		Project Balance:	\$0				= PS
	200	Replace Det. Mechanical - VTH		1	1		
	200	Phase 1 of 5					
		Total Project Cost:	\$3,163,660				
		Prior Appropriation:	\$0				
		2001/02 Year Request:	\$657,709				
		Project Balance:	\$2,505,951				
	2495	Replace Det. Mechanical - Refri		1	2		
	2495	1 of 1					
		Total Project Cost:	\$529,157				
		Prior Appropriation:	\$0				
		2001/02 Year Request:	\$529,157				
		Project Balance:	\$0				
	199	Replace Det. Items - Music BRP	,	1	2		
	177	Phase 1 of 3					
		Total Project Cost:	\$1,913,038				
		Prior Appropriation:	\$0	10-			
		2001/02 Year Request:	\$603,169				
		Project Balance:	\$1,309,869				

				Agency Priority # AP	Operational Criteria x OC	Critical Index x CI	Project Score = PS
4) PROJ. M#	PHYS. PLANT ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9)	10)
	Netze and	Current-Year CM Total	\$5,495,207				
		FY 2002/03 CM Total	\$6,408,378				
		FY 2003/04 CM Total	\$7,295,706				
		FY 2004/05 CM Total	\$7,071,197				
		FY 2005/06 CM Total	\$6,870,648				
		5-Year CM Plan Total	\$33,141,136				
		Beyond Yr 5 CM Plan Total	\$9,492,340				
		Non-Prioritized Building Deferred Maintenance Total	\$89,805,646				
		Non-Prioritized Infrastructure Deferred Maintenance Total	\$27,567,577				
		Total CM Request	\$160,006,699				

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## **CONTROLLED MAINTENANCE 5 YEAR PLAN**

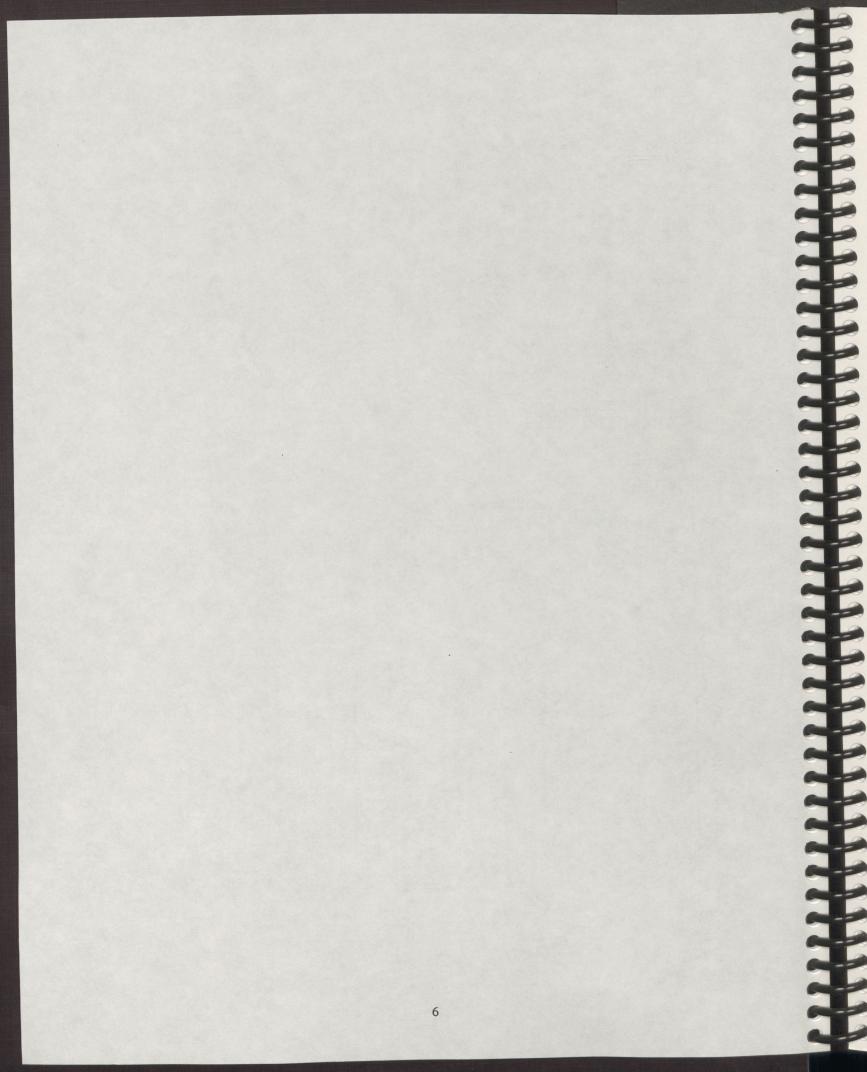
FY 2001/02

#### 

#### FORM CMP - 5 YEAR CONTROLLED MAINTENANCE PLAN

		Project	ersity Facilities Management De	Total	Prior	FY 2001/02	EV 2002/02	EV 2002/04	FY 2004/05	igust 14, 2000
AP	M#	Number	Project Title	Project Cost	Approp	Request	Request	Request	Request	FY 2005/06 Request
	90025	72-99	East Drive to Center St. Steam Loop - Phase 3 of 3	\$1,207,630	\$588,244	\$619,386				
1	00032	5-97	Replace Det. Items - Wagar BRP - Phase 2 of 3	\$2,021,303	\$660,413	\$684,877	\$676,013			
	00034	1-01	Replace Det. Roofing - Phase 2 of 2	\$793,190	\$464,260	\$328,930	φ070,010			
1	00033	5-00	Replace Det. Roads & Sidewalks - Phase 2 of 5	\$1,698,898	\$544,500	\$293,191	\$260,024	\$288,189	\$312,994	
1		17-00	Replace Det. Items - San Luis Valley & CSFS Foothills Ph. 1 of 1	\$294,042		\$294,042	\$100,01 T	<i>\\</i> 200,100	ψ012,334	
1		2-97	Replace Det. Items - Forestry BRP - Phase 1 of 3	\$1,558,050		\$450,700	\$535,802	\$571,548		
1		11-96	Replace Det. Electrical - Aylesworth Hall - Phase 1 of 1	\$399,244		\$399,244	+++++++++++++++++++++++++++++++++++++++	401 1,010		
1		62-97	Replace Det. Electrical Feeders & Main Campus Feeder Ph. 1 of 1	\$634,802		\$634,802				
1		2-00	Replace Det. Mechanical - VTH - Phase 1 of 5	\$3,163,660		\$657,709	\$633,686	\$676,180	\$676,180	\$519,905
1		24-95	Replace Det. Refrigeration Units - Phase 1 of 1	\$529,157		\$529,157		+	\$010,100	φ010,000
		1-99	Replace Det. Items - Music BRP - Phase 1 of 3	\$1,913,038		\$603,169	\$677,248	\$632,621		
2		2-01	Utility LRP - Steam & Condensate - North Line - Phase 1 of 3	\$1,389,756			\$463,252	\$463,252	\$463,252	
2		32-97	Replace Det. Plumbing Items - Phase 1 of 2	\$976,508			\$488,254	\$488,254	\$100,L02	
2		7-04	Replace Epoxy Flooring - Painter Center - Phase 1 of 1	\$243,007			\$243,007	\$100,204		
		18-00	Chilled Water Loop - Phase 1 of 5	\$7,927,735			\$1,585,547	\$1,585,547	\$1,585,547	\$1,585,54
?		4-00	Replace Det. Items - Military Science Annex BRP - Phase 1 of 1	\$415,564			\$415,564	\$1,000,041	\$1,000,047	ψ1,000,04
2		6-02	Replace Deteriorated Roofing - Phase 1 of 2	\$1,380,381			\$429,981	\$950,400		
2		3-01	Replace Fire Alarms - Phase 1 of 3	\$1,393,135			\$ 120,001	\$478,241	\$574,556	\$340,338
2		3-97	Replace Det. Items - Guggenheim BRP - Phase 1 of 2	\$1,014,379				\$540,098	\$474,281	\$540,550
2		10-00	Replace Det. Items - Military Science BRP - Phase 1 of 1	\$621,376				\$621,376	φ474,201	
2		16-00	Repair Sanitary Sewers - Basin C - Phase 1 of 3	\$1,863,648				φ021,070	\$621,216	\$621,216
		8-02	Replace Ductwork - Physiology - Phase 1 of 3	\$1,705,854					\$670,332	\$643,84
3		1-02	Utility LRP - Durward Hall & Aylesworth Steam Lines Phase 1 of 1	\$468,792					\$468,792	
		6-98	Replace Det. Items - Shepardson BRP - Phase 1 of 3	\$1,968,088					\$617,314	¢707.00.
		11-00	Replace Det. Items - Animal Science BRP - Phase 1 of 3	\$1,770,518						\$797,03
		7-03	Repair Utilities - Pingree Park - Phase 1 of 1	\$512,500					\$606,733	\$686,802
1		9-00	Replace Det. Items - Insectary, Potato Virus - Phase 1 of 2	\$604,069						\$512,500
		4-01	VAV Fume Hood Controls - Chemistry - Phase 1 of 2	\$973,750						\$237,64
		2-02	Replace Det. Items - Lake Street Greenhouse BRP - Phase 1 of 2	\$877,896						\$486,875
		4-02	Replace Det. Electrical - Clark "A" Wing - Phase 1 of 3	\$1,354,929						\$438,948
		5-02	Replace Det. Classroom Seating - Phase 1 of 3	\$1,215,994						
		3-02	Replace Det. Items - San Juan Basin - Phase 1 of 5	\$2,000,000						
			Total Project Cost	\$44,890,893						
			Less Prior Appropriations	\$2,257,417						
			Prioritized Deferred Maintenance	\$42,633,476						
		99-01	Unprioritized Deferred Maintenance	\$117,373,223						
			DEFERRED MAINTENANCE TOTAL	\$160,006,699		\$5,495,207		\$7,295,706	\$7,071,197	\$6,870,648

5



## CONTROLLED MAINTENANCE PROJECT REQUESTS

## **PRIORITY** 1

FY 2001/02

Site/Utility	0	0.0360	0			N/A	tingency 2 to	Oalatt	24/30/12	\$33,585,000
Building	Risk Mgmnt	Location	GSF	ASF Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
<b>B. FACILITY</b>	PROFILE									
5) Project Title		East D	rive to Ce	nter Street S	team Loop Phase	e 3 of 3				
4) Agency Prio	1	130,789022	<u>11.50) 30,555</u>	Mainemance pro-	Polymolog.	A SERVICE AND A	and the second			
SBP Project	t m#	M9002	5	ivera partic	iness. This protect	land search	nailest vitaenu	a avril mier		
3) Physical Pla	7299	10 X X X	1001.002.	internet parts to da el	and extents a	the second second	Sec			
2) Department		Higher	Educatio	n	<u>1917</u>	and the set	) la colteire of	iiharra		
1) Agency		Colora	do State U	Jniversity						
A. AGENCY B		<u></u>								

Consequences (ends allexis, programs impacts, facility impact, etc.) of not incoming and

instilleation for this specific program request

Feiture in the main west starts line from the Central Heating Plant would result in a consolver in a steam distribution system to main compute.

#### 

#### 7299 East Drive to Center Street Steam Loop Phase 3 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Installation of this line creates a steam loop that can provide steam service to buildings around the Oval in the event of a failure in the main line currently feeding these buildings. This project has previously been submitted as a Capital Construction project, but is being submitted this year as a Controlled Maintenance project at the request of SBP.

Phase 1 is design fees. Phase 2 installs the tunnel from West Dr. to Center Street. Phase 3 installs pipe from East Dr. to Center Street.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,207,630

a) Unit Cost \$

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0360

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

/GSF; OTHER: \_\_\_\_

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Failure in the main west steam line from the Central Heating Plant would result in a complete failure of the steam distribution system to main campus.

5. Additional information to support this request? (Describe)

A campus map indicating the location of this project has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

## **Controlled Maintenance Project Phase Estimate**

7299 East Drive to Center Street Steam Loop

Phase #: 3 Phase FY: 2001/02

Item	Desci	ription	to yest fiscal Year	Torsan Week	Qty	Unit	Unit Cost	Extended Cost
1	Steam	& cond. lines in n	ew tunnel	May 02	526	LF	\$1,070.49	\$563,078
MOO	025	1700	congooe July 02	a May 03	ompietie	eeqt/Elpal	Project Clas	4.
						Subtotal	(subtotal)	\$563,078
						Continge	ncy	\$56,308
						A/E Fees		\$0
						SBP Cost	's	\$0
						Phase To	tal	\$619,386

Additional Cost of Phasing

Lumi Celler Amount of Phased Construction

(Prior, Current and Future Physics)

\$1,207.630

7299 East Drive to Center Street Steam Loop Phase 3 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	OM TO
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	May 02
3. Construction (Insert Dates)	May 02	May 03
4. Project Close-out/Final Completion	May 03	July 03

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	alth and Subar She of

**Agency Authorized Signature** 

7299 East Drive to Center Street Steam Loop Phase 3 of 3

#### G. PROPOSED PHASING OPTIONS

Proj	Phys Plant	Fiscal Year	Phase of Work	Dollar Amount
M#	ID #	and the second second	The second second	(Actual Appropriation)
M90025	7299	1999/00	1	\$149,000
M90025	7299	2000/01	2	\$439,244

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
M90025	7299	2001/02	3	\$619,386

\$1,207,630 (subtotal)

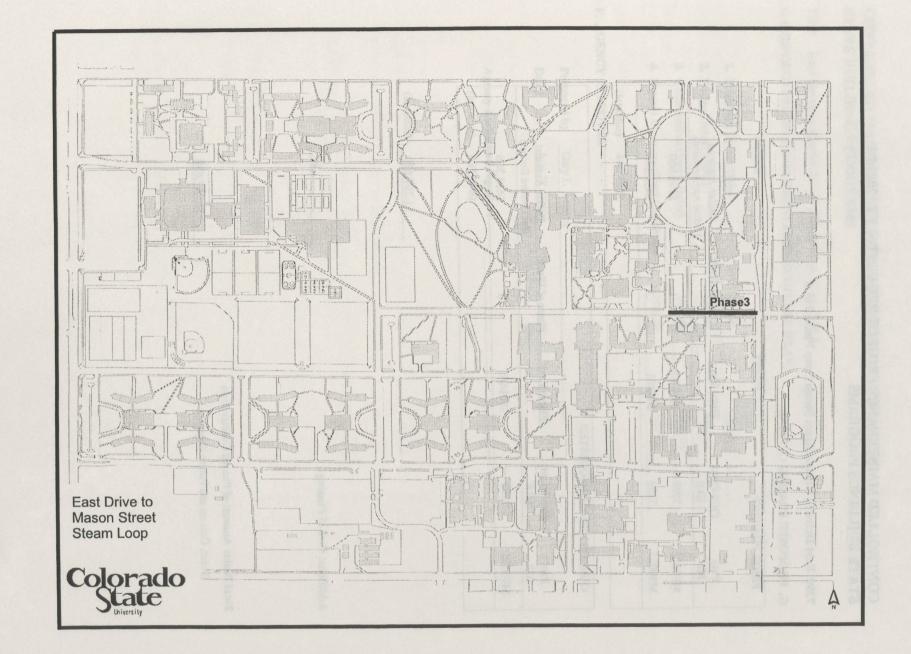
**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$1,207,630



#### A. AGENCY BASIC DATA:

1) Agency		Color	ado State	Univers	sity						
2) Department		Highe	er Educatio	on							
3) Physical Pla	nt ID no.	597		1							
SBP Project	t m#	M000	32								
4) Agency Prio	rity #	1									
5) Project Title		Repla	ce Det. Ite	ems - W	agar	BRP Phase 2 of 3	3				
<b>B. FACILITY</b>	PROFIL	Æ									
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
J.V.K. Wagar	3264	Main Campus	48,160	29,896	1939	Science	II-1HR	Remodeling-B(CCHE3)	53.34	12/25/12	\$5,649,120
			48,160	29,896		Sector Sector					\$5,649,120

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

August 2000

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- □ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey \_\_\_\_\_

#### 597 Replace Det. Items - Wagar BRP Phase 2 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Major building systems are almost 60 years old and failing. Steam heating system components are corroded and parts are difficult to obtain. Electrical wiring, insulation and panels do not meet code. Windows are single glazed and have dry rot on the outside. Floor tiles are loose and contain asbestos. Ceiling tiles are broken, chipped and dirty.

Phase 1 replaces the heating system in the east wing. Phase 2 replaces heating in the north wing and replaces the electrical system in the east wing. Phase 3 replaces electrical in the north wing and replaces windows, flooring and ceiling tiles.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$2,021,303

a) Unit Cost \$ 41.97 /GSF; OTHER: \_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.3578

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Sub-standard electrical components are potential fire and safety hazards. Heating system failures cause disruptions to operations in classrooms, labs and offices.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

## **Controlled Maintenance Project Phase Estimate**

597 Replace Det. Items - Wagar BRP

Phase #: 2

Phase FY: 2001/02

		and the second se							
Item	Description	Dalygh	Qtr	Dec 01	Qty	Unit U	nit Cost	Exte	ended Cost
er ere 1	Replace heating s	ystem - north	n side	May 02	23,235	SF	\$15.35	-i-mail	\$356,680
2	Repalce electrical	system - eas	st side		24,925	SF	\$10.67		\$265,935
501.02	\$37.93	SP	015						
						Subtotal	13 cost		\$622,615
						Contingency	Prince P		\$62,262
						A/E Fees SBP Costs			\$0 \$0
						Phase Total			\$684,877

## **Controlled Maintenance Project Phase Estimate**

597 Replace Det. Items - Wagar BRP

Phase #: 3 Phase FY: 2002/03

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Replace electrical system - north side	23,235	SF	\$10.47	\$243,159
2	ACM abatement - basement	1,050	LF	\$26.14	\$27,444
3	ACM abatement - mech. Room	240	SF	\$37.93	\$9,102
4	Moving cost	60	EA	\$410.00	\$24,600
5	VAT removal	18,300	SF	\$3.28	\$60,024
6	VCT flooring	18,300	SF	\$3.43	\$62,837
7	Rubber Base	10,839	LF	\$1.91	\$20,665
8	Replace suspended ceiling	16,572	SF	\$3.38	\$56,055
9	Replace DH windows	105	EA	\$1,025.00	\$107,625
10	Replace awning windows	9	EA	\$338.25	\$3,044

Subtotal	\$614,555
Contingency	\$61,455
A/E Fees	\$0
SBP Costs	\$0
Phase Total	\$676,013

597 Replace Det. Items - Wagar BRP Phase 2 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	M	ТО
1. Predesign (Insert Dates)	July 01	Dec 01	
2. Design (Insert Dates)	Dec 01	May 02	Renewal
3. Construction (Insert Dates)	May 02	May 03	Carl Stopom
4. Project Close-out/Final Completion	May 03	July 03	
			a set of the set

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	Flocal Vear	
Date:	July 28, 2000	0.0300	

**Agency Authorized Signature** 

Component Deficiency Total:

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fotal Dollar Amount of Phased Construction

Prior, Correct and Patture Phases) (constraint and constraint and constraint and the constraint and the second second and the second second second

#### 597 Replace Det. Items - Wagar BRP Phase 2 of 3

#### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Actual Appropriation)
M00032	597	2000/01	1	\$660,413

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
M00032	597	2001/02	2	\$684,877

FUTURE F	PHASING			
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
M00032	597	2002/03	3	\$676,013
				\$676,013 (subtotal)

\$2,021,303 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$2,021,303

### Facilities Audit Program Building Summary

Building Name: J.V.K. W	agar Number: 0084
Construction Date: 1939	Gross Square Feet: 48,160 Net Square Feet: 43,138
Date of Audit: 11/09/1998	Cycle: 3 Phase: 2 No. of Stories: 2
Classification: M150 Coll	ege, Laboratory SBP Class: 11 Science
Replacement Cost: \$5,6	35,288.00 Cost Per SF: \$118.05

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.1500	0.07	0.0105	\$59,695.53
Ext Walls	0.2000	0.06	0.0120	\$68,223.46
Floors	0.6000	0.07	0.0420	\$238,782.11
Roof	0.5000	0.06	0.0300	\$170,558.64
Ceiling	0.5000	0.03	0.0150	\$85,279.32
Int Walls	0.3000	0.09	0.0270	\$153,502.79
Windows	0.5500	0.02	0.0110	\$62,538.17
Doors	0.4000	0.02	0.0080	\$45,482.30
Cool Vent	0.9500	0.03	0.0285	\$162,030.71
Heat	0.7500	0.10	0.0750	\$426,396.61
Plumbing	0.3000	0.14	0.0420	\$238,782.11
Electrical	0.9900	0.07	0.0693	\$393,990.46
Convey	0.0350	0.01	0.0003	\$1,989.85
Safety	0.7500	0.02	0.0150	\$85,279.32
AE/OP	0.3857	0.21	0.0810	\$460,431.58

Component Deficiency Total: 0.4666

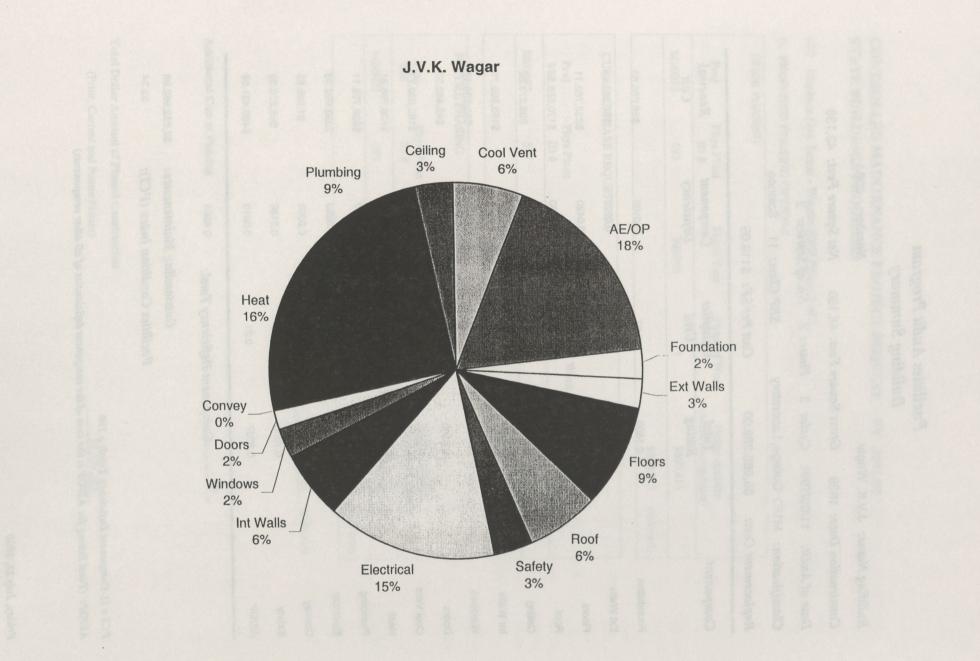
Outstanding Maintenance:\$2,652,962.98Facilities Condition Index (FCI):53.34

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

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#### A. AGENCY BASIC DATA:

1) Agency	Colorado State University
2) Department	Higher Education
3) Physical Plant ID no.	101
SBP Project m#	M00034
4) Agency Priority #	1
5) Project Title	Replace Det. Roofing Phase 2 of 2

#### **B. FACILITY PROFILE**

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Administration	3258	Main Campus	32,172	23,099	1924	Office	II-1HR	Remodeling-B(CCHE3)	66.32	8/25/12	\$3,158,254
Forestry	3260	Main Campus	27,046	18,627	1937	Science	III-1HR	Remodeling-B(CCHE3)	44.50	12/25/12	\$2,643,095
Insectary	3296	Main Campus	4,313	3,879	1967	Science	II-1HR	Satisfactory (CCHE1)	70.60	12/25/12	\$421,486
Engr. Res. Center	3557	Foothills Campus	149,915	113,789	1962	Engineering	II-1HR	Remodeling-A(CCHE2)	72.62	8/25/12	\$18,314,111
Coop Institute for Research in the Atmos	3573	Foothills Campus	12,743	7,667	1981	Science	V-N	Satisfactory (CCHE1)	89.97	8/25/12	\$1,388,703
Solar Energy House 1	3577	Foothills Campus	4,558	3,725	1974	Engineering	V-N	Satisfactory (CCHE1)	76.75	8/25/12	\$556,820
Solar Energy House 2	3579	Foothills Campus	3,626	2,834	1975	Engineering	V-N	Satisfactory (CCHE1)	73.36	8/25/12	\$442,964
olar Energy House 3	3580	Foothills Campus	3,630	2,797	1977	Engineering	V-N	Satisfactory (CCHE1)	69.63	8/25/12	\$443,453
animal Quarters	3664	Foothills Campus	2,167	2,065	1964	Science	V-N	Remodeling-A(CCHE2)		24/30/12	\$185,295
Heating Plant	3245	Main Campus	19,416	1,311	1915	Physical Plant Service	V-N	Remodeling-B(CCHE3)	92.25	24/30/12	\$14,920,155
			250 596	170 702							

259,586 179,793

\$42,474,336

#### 9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

August 2000

### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time.
   Anticipated start date of a Facility Audit Survey

#### 101 Replace Det. Roofing Phase 2 of 2

#### C. INTEGRATED PROGRAM PLAN DATA

#### 1. Narrative Description of CM Problem (previous, current and future):

Roofing on these buildings is original, and is leaking causing damage to the structure, ceilings and interior finishes. In many cases, roofing can no longer be adequately patched. Old mission tiles can't be matched and substrate needs replacing. Phase 1 replaces roofing on Guggenheim, Gifford and Music. Phase 2 replaces roofing on Administration, Forestry, Heating Plant, CIRA, Solar Houses 1,2 & 3, Animal Quarters, Insectary and a portion of ERC.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$793,190
  - a) Unit Cost \$ 3.06 /GSF; OTHER: \_\_\_\_\_/\_\_\_
  - b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0187
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_Yes\_\_ Describe

project(s):

Building revitalization for the Forestry building. Project number 2-97.

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Roof structure and interior finishes will continue to deteriorate. Classes and research will be disrupted.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for these buildings has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

## **Controlled Maintenance Project Phase Estimate**

#### 101 Replace Det. Roofing

Phase #: 2

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#### Phase FY: 2001/02

Item	Description	10 Star of	Qty	Unit	Unit Cost	<b>Extended</b> Cost
1	Admin demolition	1 May 02	90	SQ	\$167.20	\$15,048
2	Admin modified bitumen		50	SQ	\$167.20	\$8,360
3	Admin mission tile		40	SQ	\$1,045.00	\$41,800
4	Heating Plant - ACM demolition		60	SQ	\$193.33	\$11,600
5	Heating Plant - shingles		60	SQ	\$731.50	\$43,890
6	CIRA - demolition		20	SQ	\$52.25	\$1,045
7	CIRA - shingles		20	SQ	\$182.88	\$3,658
8	Solar 1,2,3 shingle demolition		54	SQ	\$52.25	\$2,822
9	Solar 1,2,3 - BUR demolition		24	SQ	\$167.20	\$4,013
10	Solar 1,2,3 - shingles		54	SQ	\$182.88	\$9,875
11	Solar 1,2,3 - modified bitumen		24	SQ	\$167.20	\$4,013
12	Animal Quarters - demolition		23	SQ	\$167.20	\$3,846
13	Animal Quarters - modified bitumen		23	SQ	\$167.20	\$3,846
14	ERC - demolition		120	SQ	\$167.20	\$20,064
15	ERC modified bitumen		120	SQ	\$167.20	\$20,064
16	Insectary - demolition		28	SQ	\$167.20	\$4,682
17	Insectary - modified bitumen		28	SQ	\$167.20	\$4,682
18	Forestry - demolition		175	SQ	\$167.20	\$29,260
19	Forestry - modified bitumen		160	SQ	\$167.20	\$26,752
20	Forestry - mission tile		35	SQ	\$1,045.00	\$36,575
21	Forestry - access ladder		30	LF	\$104.50	\$3,135

Subtotal	\$299,027
Contingency	\$29,903
A/E Fees	\$0
SBP Costs	\$0
Phase Total	\$328,930

#### 101 Replace Det. Roofing Phase 2 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	то
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	May 02
3. Construction (Insert Dates)	May 02	May 03
4. Project Close-out/Final Completion	May 03	July 03
		Artmin - minutos tic

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	Julý 28, 2000	

**Agency Authorized Signature** 

101 Replace Det. Roofing Phase 2 of 2

G. PROPOSED PHASING OPTIONS

D!	Di Di 4	T" 1 X7		
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Actual Appropriation)
M00034	101	2000/01	1	\$464,260

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
M00034	101	2001/02	2	\$328,930

\$793,190 (subtotal)

\$0

Additional	Cost	of	P	hasi	ng
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**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$793,190

Friday, July 28, 2000

### Facilities Audit Program Building Summary

Building Name: Administra	ation	Number: 0080
Construction Date: 1924	Gross Square Feet: 32,172	Net Square Feet: 29,221
Date of Audit: 11/08/1999	Cycle: 3 Phase: 3 N	o. of Stories: 3
Classification: M460 Offic	e Building SBP	Class: 16 Office
Replacement Cost: \$3,17	0,100.00 Cost Per SI	F: \$98.54

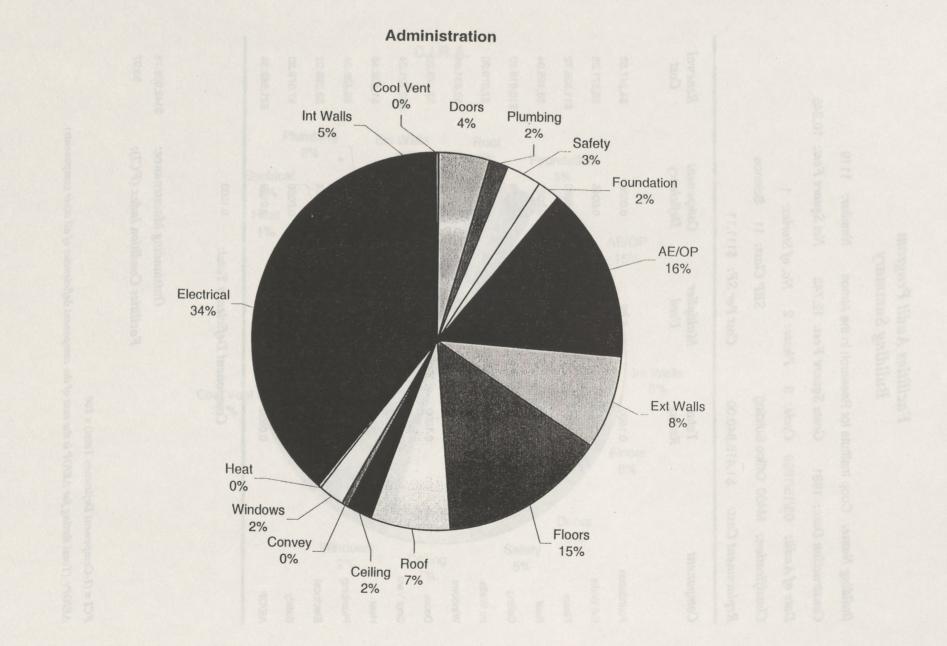
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost	
Foundation	0.3000	0.02	0.0060	\$19,020.60	
Ext Walls	0.3000	0.09	0.0270	\$85,592.71	
Floors	0.3000	0.16	0.0480	\$152,164.80	
Roof	. 0.8000	0.03	0.0240	\$76,082.40	
Ceiling	0.1500	0.05	0.0075	\$23,775.75	
Int Walls	0.3500	0.05	0.0175	\$55,476.75	
Windows	0.3500	0.02	0.0070	\$22,190.70	
Doors	0.3000	0.05	0.0150	\$47,551.50	
Cool Vent	0.0200	0.07	0.0014	\$4,438.14	
Heat	0.0200	0.08	0.0016	\$5,072.16	
Plumbing	0.3000	0.02	0.0060	\$19,020.60	
Electrical	0.9400	0.12	0.1128	\$357,587.27	
Convey	0.0550	0.03	0.0016	\$5,230.66	
Safety	1.0000	0.01	0.0100	\$31,701.00	
AE/OP	0.2855	0.18	0.0514	\$162,882.91	

Component Deficiency Total: 0.3368

Outstanding Maintenance:\$1,067,787.96Facilities Condition Index (FCI):66.32

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



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Building Name: Coop Institu	ute for Research in the Atmos	Number: 1119
Construction Date: 1981	Gross Square Feet: 12,743	Net Square Feet: 10,245
Date of Audit: 03/15/1999	Cycle: 3 Phase: 2 No. o	f Stories: 1
Classification: M460 Office	Building SBP Cla	ss: 11 Science
Replacement Cost: \$1,415	5,840.00 <i>Cost Per SF:</i>	\$111.11

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.1500	0.02	0.0030	\$4,247.52
Ext Walls	0.0500	0.09	0.0045	\$6,371.28
Floors	0.0500	0.16	0.0080	\$11,326.72
Roof	0.2000	0.03	0.0060	\$8,495.04
Ceiling	0.1500	0.05	0.0075	\$10,618.80
Int Walls	0.1000	0.05	0.0050	\$7,079.20
Windows	0.1000	0.02	0.0020	\$2,831.68
Doors	0.1000	0.05	0.0050	\$7,079.20
Cool Vent	0.3500	0.09	0.0298	\$42,121.24
Heat	0.0100	0.09	0.0009	\$1,203.46
Plumbing	0.3000	0.02	0.0060	\$8,495.04
Electrical	0.0200	0.12	0.0024	\$3,398.02
Safety	0.5000	0.01	0.0050	\$7,079.20
AE/OP	0.0850	0.18	0.0153	\$21,662.35

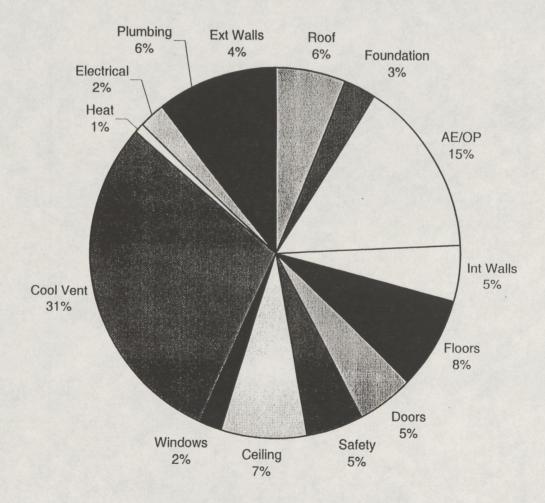
Component Deficiency Total: 0.1003

Outstanding Maintenance:\$142,008.76Facilities Condition Index (FCI):89.97

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FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)





Building Name:Engr. Res. CenterNumber:1101Construction Date:1962Gross Square Feet:149,915Net Square Feet:134,379Date of Audit:02/01/1999Cycle:3Phase:2No. of Stories:3Classification:M150College, LaboratorySBP Class:12EngineeringReplacement Cost:\$18,430,550.00Cost Per SF:\$122.94

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0500	0.07	0.0035	\$64,506.93
Ext Walls	0.0500	0.06	0.0030	\$55,291.65
Floors	0.1000	0.07	0.0070	\$129,013.85
Roof	0.3500	0.06	0.0210	\$387,041.53
Ceiling	0.4500	0.03	0.0135	\$248,812.43
Int Walls	0.0210	0.09	0.0019	\$34,833.74
Windows	0.1500	0.02	0.0030	\$55,291.65
Doors	0.0600	0.02	0.0012	\$22,116.66
Cool Vent	0.1100	0.06	0.0066	\$121,641.63
Heat	0.1300	0.07	0.0091	\$167,718.00
Plumbing	0.6200	0.14	0.0868	\$1,599,771.76
Electrical	0.8600	0.07	0.0602	\$1,109,519.13
Convey	0.0500	0.01	0.0005	\$9,215.27
Safety	0.4500	0.02	0.0090	\$165,874.94
AE/OP	0.2263	0.21	0.0475	\$875,836.31

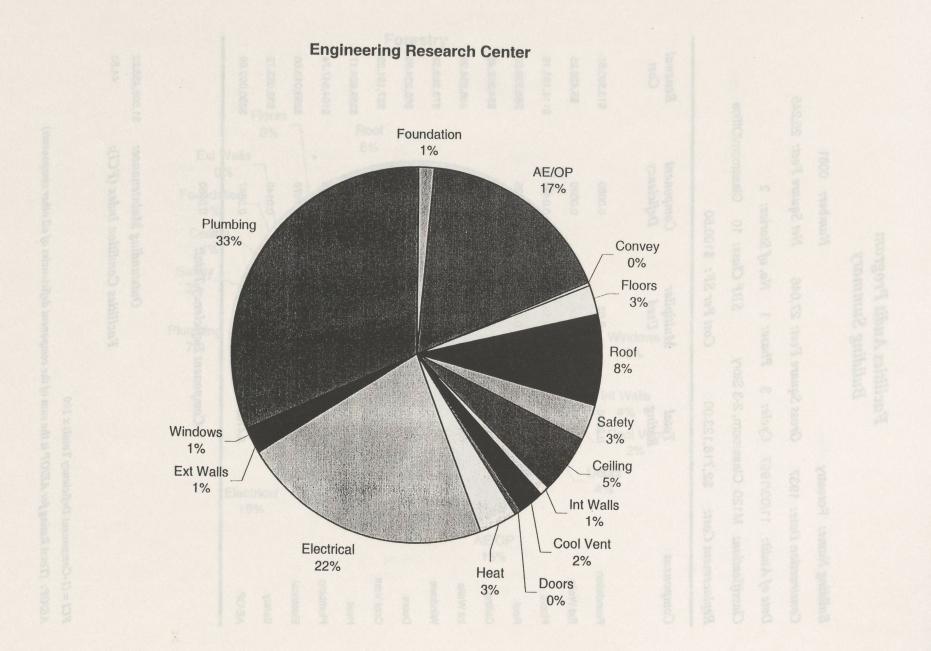
Component Deficiency Total: 0.2738

Outstanding Maintenance:\$5,046,485.51Facilities Condition Index (FCI):72.62

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

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Number: 0081 Building Name: Forestry Net Square Feet: 25,245 Gross Square Feet: 27,046 Construction Date: 1937 Date of Audit: 11/03/1997 Cycle: 3 Phase: 1 No. of Stories: 2 Classification: M120 Classroom, 2-3 Story SBP Class: 10 Classroom/Office \$2,718,123.00 Cost Per SF: \$100.50

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2500	0.02	0.0050	\$13,590.61
Ext Walls	0.0500	0.04	0.0020	\$5,436.25
Floors	0.3500	0.12	0.0420	\$114,161.16
Roof	0.6500	0.05	0.0325	\$88,339.00
Ceiling	0.5000	0.04	0.0200	\$54,362.46
Int Walls	0.4000	0.06	0.0240	\$65,234.95
Windows	0.9000	0.03	0.0270	\$73,389.32
Doors	0.6000	0.04	0.0240	\$65,234.95
Cool Vent	0.2500	0.04	0.0100	\$27,181.23
Heat	0.9500	0.13	0.1235	\$335,688.17
Plumbing	0.5500	0.07	0.0385	\$104,647.74
Electrical	0.9800	0.11	0.1078	\$293,013.66
Safety	0.3500	0.04	0.0140	\$38,053.72
AE/OP	0.4703	0.18	0.0847	\$230,099.99

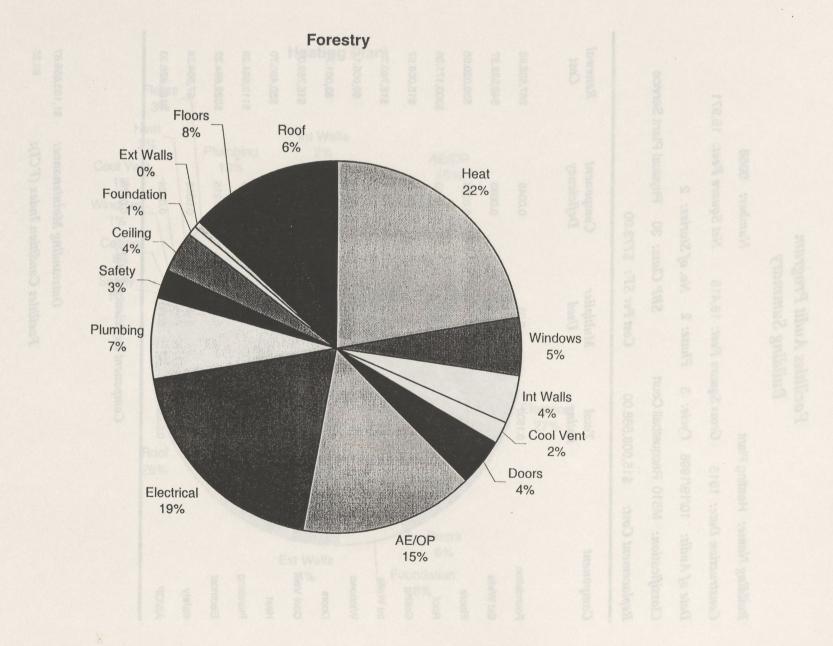
**Component Deficiency Total:** 

0.5550

\$1,508,433.22 **Outstanding Maintenance:** 44.50 Facilities Condition Index (FCI):

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

**Replacement Cost:** 



Number: 0068 Building Name: Heating Plant Gross Square Feet: 19,416 Net Square Feet: 15,971 Construction Date: 1915 Date of Audit: 10/19/1998 Cycle: 3 Phase: 2 No. of Stories: 2 Classification: M510 Racquetball Court SBP Class: 30 Physical Plant Service

Cost Per SF: \$773.00 **Replacement Cost:** \$15,008,568.00 Component Renewal Multiplier Component Total Used Deficiency Cost Rating \$67,538.56 0.0045 0.03 0.1500 Foundation \$49,528.27 0.11 0.0033 0.0300 Ext Walls 0.0024 \$36,020.56 0.12 0.0200 Floors 0.0200 \$300,171.35 0.04 0.5000 Roof \$15,008.57 0.0010 0.0500 0.02 Ceiling 0.0013 \$18,760.71 0.05 0.0250 Int Walls \$9,005.14 0.0006 0.02 Windows 0.0300 0.0002 \$3,001.71 0.01 Doors 0.0200 \$15,759.00 0.0011 0.10 **Cool Vent** 0.0100 \$20,486.70 0.10 0.0014 0.0130 Heat \$112,564.26 0.0075 0.03 0.2500 Plumbing \$322,684.22 0.0215 Electrical 0.4300 0.05 0.0005 \$7,504.28 0.01 Safety 0.0500 \$185,826.33 0.0124 0.0652 0.19 AE/OP

**Component Deficiency Total:** 

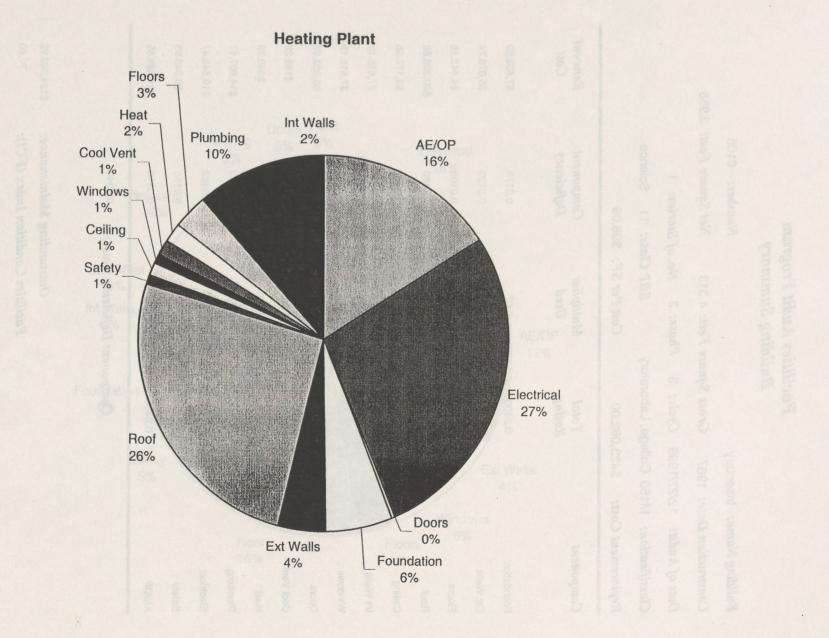
0.0775

**Outstanding Maintenance:** \$1,163,859.67 92.25 Facilities Condition Index (FCI):

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

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Patient, July 26, 2000

Building Name:InsectaryNumber:0105Construction Date:1967Gross Square Feet:4,313Net Square Feet:3,955Date of Audit:12/27/1999Cycle:3Phase:3No. of Stories:1Classification:M150College, LaboratorySBP Class:11Science

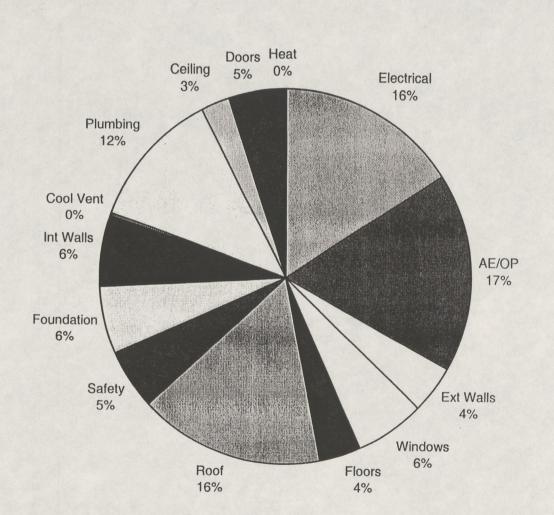
Replacement Cost:	\$423,062.00	Cost Per SF:	\$98.09	
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2500	0.07	0.0175	\$7,403.59
Ext Walls	0.2000	0.06	0.0120	\$5,076.74
Floors	0.1500	0.07	0.0105	\$4,442.15
Roof	0.8000	0.06	0.0480	\$20,306.98
Ceiling	0.2500	0.03	0.0075	\$3,172.96
Int Walls	0.2000	0.09	0.0180	\$7,615.12
Windows	0.9000	0.02	0.0180	\$7,615.12
Doors	0.7000	0.02	0.0140	\$5,922.87
Cool Vent	0.0100	0.04	0.0004	\$169.22
Heat	0.0100	0.09	0.0009	\$380.76
Plumbing	0.2500	0.14	0.0350	\$14,807.17
Electrical	0.6600	0.07	0.0462	\$19,545.47
Safety	0.7500	0.02	0.0150	\$6,345.93
AE/OP	0.2430	0.21	0.0510	\$21,588.85

Component Deficiency Total: 0.2940

Outstanding Maintenance: \$124,392.92

Facilities Condition Index (FCI): 70.60

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



Insectary

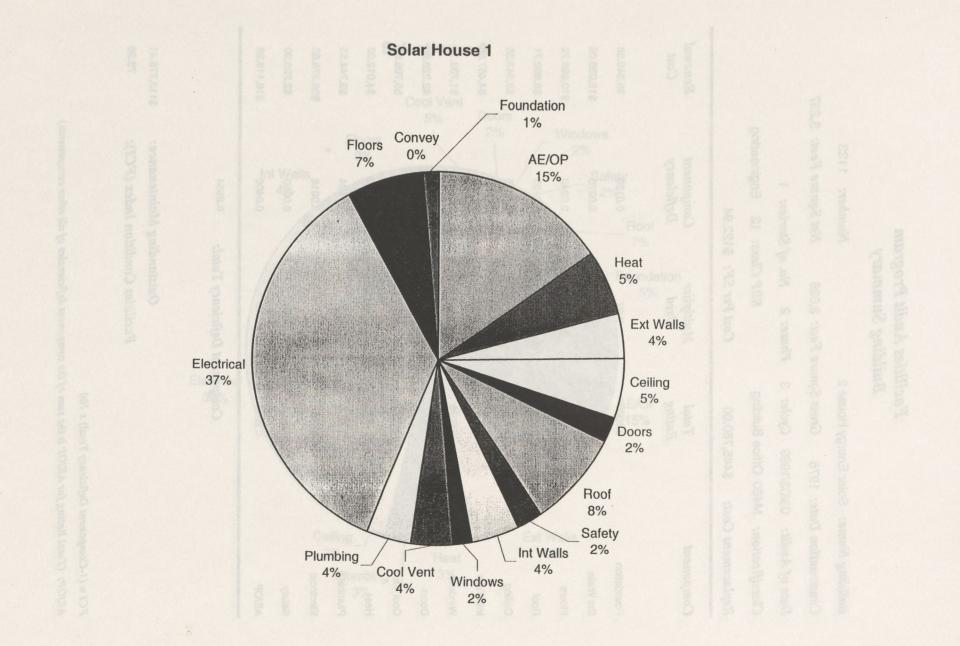
Building Name: Sola	uilding Name: Solar Energy House 1 Number: 1122							
Construction Date: 1	974 Gross Squa	re Feet: 4,558	Net Square Feet:	4,246				
Date of Audit: 03/22	2/1999 Cycle: 3	Phase: 2 No. o	f Stories: 1					
Classification: M460	Office Building	SBP Cla	ss: 12 Engineering	9				
Replacement Cost:	\$560,361.00	Cost Per SF:	\$122.94					
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost				
Foundation	0.1500	0.02	0.0030	\$1,681.08				
Ext Walls	0.1000	0.09	0.0090	\$5,043.25				
Floors	0.1000	0.16	0.0160	\$8,965.78				
Roof	0.6500	0.03	0.0195	\$10,927.04				
Ceiling	0.2500	0.05	0.0125	\$7,004.51				
Int Walls	0.2000	0.05	0.0100	\$5,603.61				
Windows	0.2000	0.02	0.0040	\$2,241.44				
Doors	0.1000	0.05	0.0050	\$2,801.81				
Cool Vent	0.1000	0.09	0.0085	\$4,763.07				
Heat	0.1500	0.09	0.0128	\$7,144.60				
Plumbing	0.4500	0.02	0.0090	\$5,043.25				
Electrical	0.6900	0.12	0.0828	\$46,397.89				
Convey		0.01						
Safety	0.5000	0.01	0.0050	\$2,801.80				
AE/OP	0.1971	0.18	0.0355	\$19,875.45				

Component Deficiency Total: 0.2325

<b>Outstanding Maintenance:</b>	\$130,294.58	
Facilities Condition Index (FCI):	76.75	

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



LUND' THA IS' SAND

Building Name: Solar Energy	gy House 2	Number: 1123
Construction Date: 1975	Gross Square Feet: 3,626	Net Square Feet: 3,237
Date of Audit: 03/03/1999	Cycle: 3 Phase: 2 No. of	f Stories: 1
Classification: M460 Office	Building SBP Class	s: 12 Engineering
Replacement Cost: \$445,7	80.00 Cost Per SF: \$	\$122.94

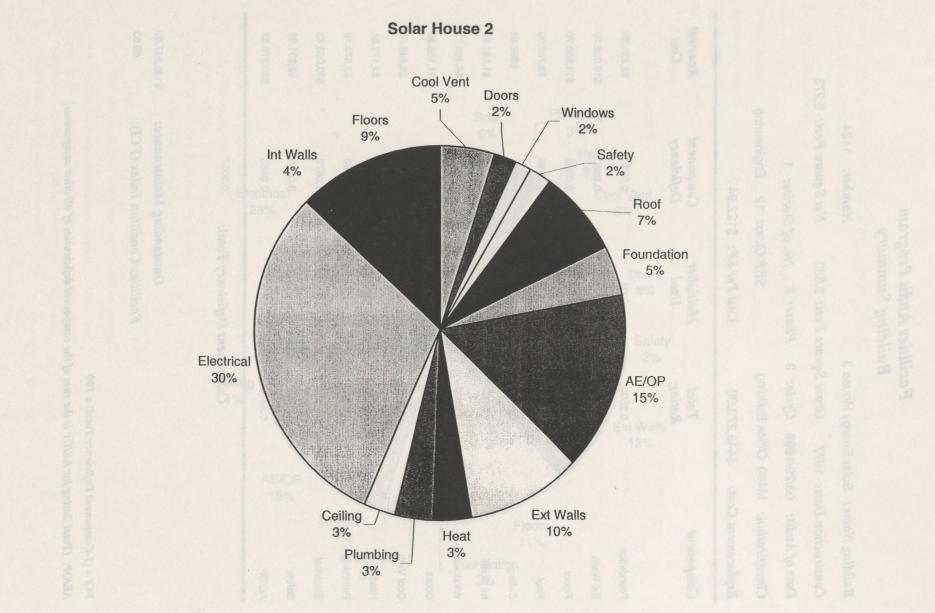
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.6000	0.02	0.0120	\$5,349.36
Ext Walls	0.3000	0.09	0.0270	\$12,036.06
Floors	0.1500	0.16	0.0240	\$10,698.72
Roof	0.6500	0.03	0.0195	\$8,692.71
Ceiling	0.1500	0.05	0.0075	\$3,343.35
Int Walls	0.2000	0.05	0.0100	\$4,457.80
Windows	0.2000	0.02	0.0040	\$1,783.12
Doors	0.1000	0.05	0.0050	\$2,228.90
Cool Vent	0.1600	0.08	0.0128	\$5,705.98
Heat	0.1000	0.09	0.0090	\$4,012.02
Plumbing	0.4200	0.02	0.0084	\$3,744.55
Electrical	0.6800	0.12	0.0816	\$36,375.65
Safety	0.5000	0.01	0.0050	\$2,228.90
AE/OP	0.2258	0.18	0.0406	\$18,118.28

Component Deficiency Total: <sup>0</sup>

0.2664

Outstanding Maintenance:\$118,775.41Facilities Condition Index (FCI):73.36

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



and 'se day 'shirt

Building Name: Solar Ener	gy House 3	<i>Number:</i> 1124
Construction Date: 1977	Gross Square Feet: 3,630	Net Square Feet: 3,273
Date of Audit: 03/29/1999	Cycle: 3 Phase: 2 No.	of Stories: 1
Classification: M460 Office	e Building SBP C	lass: 12 Engineering
Replacement Cost: \$446,	272.00 Cost Per SF:	\$122.94

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2500	0.02	0.0050	\$2,231.36
Ext Walls	0.4000	0.09	0.0360	\$16,065.79
Floors	0.2000	0.16	0.0320	\$14,280.70
Roof	0.6500	0.03	0.0195	\$8,702.30
Ceiling	0.0400	0.05	0.0020	\$892.54
Int Walls	0.0700	0.05	0.0035	\$1,561.95
Windows	0.5000	0.02	0.0100	\$4,462.72
Doors	0.5000	0.05	0.0250	\$11,156.80
Cool Vent	0.1700	0.09	0.0145	\$6,448.63
Heat	0.1100	0.09	0.0093	\$4,172.64
Plumbing	0.4000	0.02	0.0080	\$3,570.18
Electrical	0.7300	0.12	0.0876	\$39,093.43
Safety	0.5000	0.01	0.0050	\$2,231.36
AE/OP	0.2574	0.18	0.0463	\$20,676.68

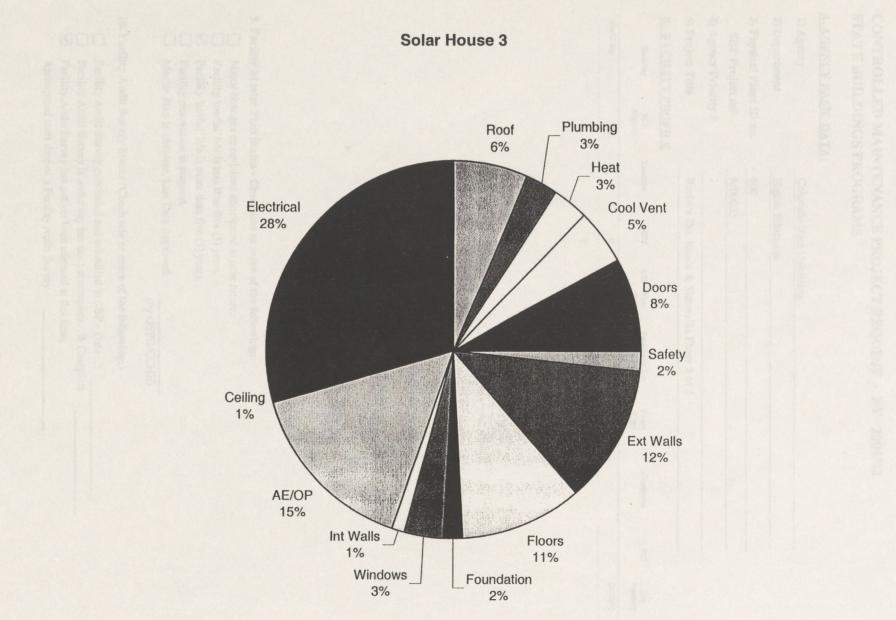
Component Deficiency Total: 0.3037

Outstanding Maintenance: \$135,547.09

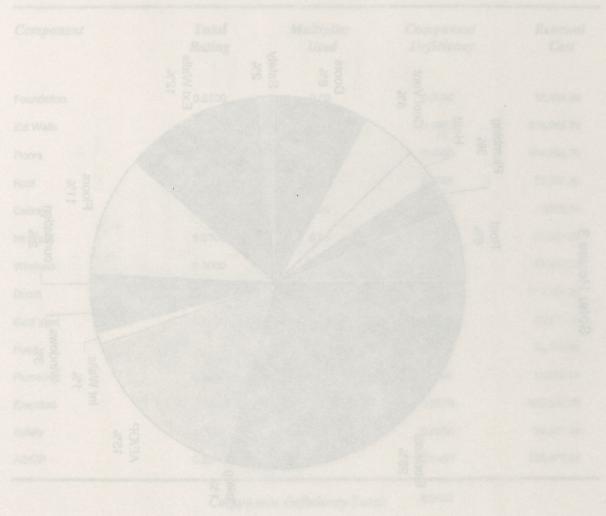
Facilities Condition Index (FCI): 69.63

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



Emilding Normer Salar Errongy House 3 Numbers 1224 Construction Dates 1927 Grass Square Pette 5452 Net Square Peter 5.215 Date of Audit: 0925571936 Cycle: 3 Phase I Sin of Stories: 1 Christikation: 14460 Office Building SH2 Clean: 12 Engenments Replacement Cost: 2448.272.00 Cust Parks? \$182.94



Gargesting Maintenance

FCI = (1-Component Deficiency Totel) x 108

AE'OF: (Total Rocing for AE/OP is the store of the compenent deficiencies of the other energenees)

#### A. AGENCY BASIC DATA:

1) Agency		Colora	do State I	Univers	sity						
2) Department	:	Higher	Educatio	n							
3) Physical Pla	_ 500										
SBP Projec	t m#	M0003	33								
4) Agency Price	1										
5) Project Title	e	Replac	e Det. Ro	ads &	Sidewa	lks Phase 2 of 5	5				
<b>B. FACILITY</b>	PROFILE		-								
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Site/Utility	0		0				N/A			24/30/12	\$0
			0								\$0

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- ✓ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 500 Replace Det. Roads & Sidewalks Phase 2 of 5

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Asphalt streets on campus have deteriorated due to age, intensity of use, and need to be repaired to remain viable for automobile and bicycle traffic. Sidewalks and gutters are broken and present safety hazards to pedestrians and bicycle riders.

Ph. 1 is Rampart. Ph. 2 is Mason, S. Dr., & N. Meridian. Ph. 3 is Pitkin @ Ayles., S. Meridian, VTH, & E. Univ. Ph. 4 is W. Pitkin, N. Dr. & W. Univ. Ph. 5 is Edison, "A" St., E. Dr., Oval, Univ. @ Admin., S. Mason, E. Pitkin, Meridian @ HHC, & Old Main

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,698,898

a)	Unit Cost \$	/GSF;	<b>OTHER:</b>		/
----	--------------	-------	---------------	--	---

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe

project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Roads will continue to deteriorate, creating safety hazards and further deterioration. Broken sidewalks and gutters present serious safety hazards to pedestrians and bicyclists, particularly in winter. Broken gutters hold water and accelerate damage to asphalt.

5. Additional information to support this request? (Describe)

A campus map showing location of the project has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

## **Controlled Maintenance Project Phase Estimate**

500 Replace Det. Roads & Sidewalks

Phase #: 2

Phase FY: 2001/02

2

**Item Description** Unit Unit Cost Extended Cost Qty 1 574.087 Reconst. Mason St. & CO-OP 21,500 SF \$2.72 \$58,416 2 Reconst. Meridian @ I.M. Field 36,200 SF \$2.72 \$98,355 3 Reconst. South Dr. 23,400 SF \$2.72 \$63,578 Reconst. Mason St. @ TCCP 4 17,000 SF \$2.72 \$46,189

Subtotal	\$266,538
Contingency	\$26,654
A/E Fees	\$0
SBP Costs	\$0
Phase Total	\$293,191

## **Controlled Maintenance Project Phase Estimate**

500 Replace Det. Roads & Sidewalks

Phase #: 3 Phase FY: 2002/03

				and the second se	
Item	Description	Qty	Unit	Unit Cost	Extended Cos
1	Reconst. Pitkin @ Aylesworth Hall	27,800	SF	\$2.67	\$74,087
2	Reconst. Meridian @ Newsom Hall	42,900	SF	\$2.67	\$114,329
3	Reconst. N. side of VTH	7,400	SF	\$2.67	\$19,721
4	Reconst. Univ. Ave. @ Stu. Serv.	10,600	SF	\$2.67	\$28,249
\$266,536	Let Card States		Subtota		\$236,386
	Contingency wire a		Conting	gency	\$23,639
			A/E Fee	es	\$0
			SBP Co	osts	\$0
			Phase 1	Total	\$260,024

## **Controlled Maintenance Project Phase Estimate**

500 Replace Det. Roads & Sidewalks

Phase #: 4

Phase FY: 2003/04

Item	Description	99	Dec 01	Qty	Unit	Unit Cost Ex	tended Cost
1	Overlay N. Dr. @ Green Hall	os ar	May 02	31,800	SF	\$2.05	\$65,190
2	Overlay Pitkin @ Braiden Hall			23,900	SF	\$2.05	\$48,995
3	Overlay Pitkin @ Ellis Hall			52,900	SF	\$2.05	\$108,445
4	Overlay Univ. Ave. @ Nat. Res.			19,200	SF	\$2.05	\$39,360
162 1.69	ENCY AND TAL 40 0	06.31			Shepardso	Overlay Univ. Ave. @	
					Subtotal	Overlay Mason St. © Overlay Pildin St. ©	\$261,990
					Conting	ency	\$26,199
					A/E Fee	Overacy Old Main D. 2	\$0
					SBP Cos	sts	\$0
					Phase To	otal	\$288,189

## **Controlled Maintenance Project Phase Estimate**

500 Replace Det. Roads & Sidewalks

Phase #: 5 Phase FY: 2004/05

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1,889 1	Overlay Edison Dr. @ GSB	15,700	SF	\$2.05	\$32,185
2	Overlay "A" St. @ GSB	15,600	SF	\$2.05	\$31,980
3	Overlay East Dr. @ Facilities Mgmt.	20,100	SF	\$2.05	\$41,205
4	Overlay N. Oval Dr.	5,500	SF	\$2.05	\$11,275
5	Overlay Univ. Ave. @ Shepardson	15,300	SF	\$2.05	\$31,365
6	Overlay Mason St. @ Voc. Ed.	19,000	SF	\$2.05	\$38,950
7	Overlay Pitkin St. @ Facilities Mgmt.	15,300	SF	\$2.05	\$31,365
8	Overlay Meridian @ Hartshorn	16,000	SF	\$2.05	\$32,800
9	Overlay Old Main Dr. @ Spruce Hall	16,300	SF	\$2.05	\$33,415
	560 Care				

Subtotal	\$284,540
Contingency	\$28,454
A/E Fees	\$0
SBP Costs	\$0
Phase Total	\$312,994

500 Replace Det. Roads & Sidewalks Phase 2 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FR	ОМ ТО
July 01	Dec 01
Dec 01	May 02
May 02	May 03
May 03	July 03
	July 01 Dec 01 May 02

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

#### 500 Replace Det. Roads & Sidewalks Phase 2 of 5

#### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Actual Appropriation)
M00033	500	2000/01	1	\$544,500

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
M00033	500	2001/02	2	\$293,191

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
M00033	500	2002/03	3	\$260,024
M00033	500	2003/04	4	\$288,189
M00033	500	2004/05	5	\$312,994

\$1,698,898 (subtotal)

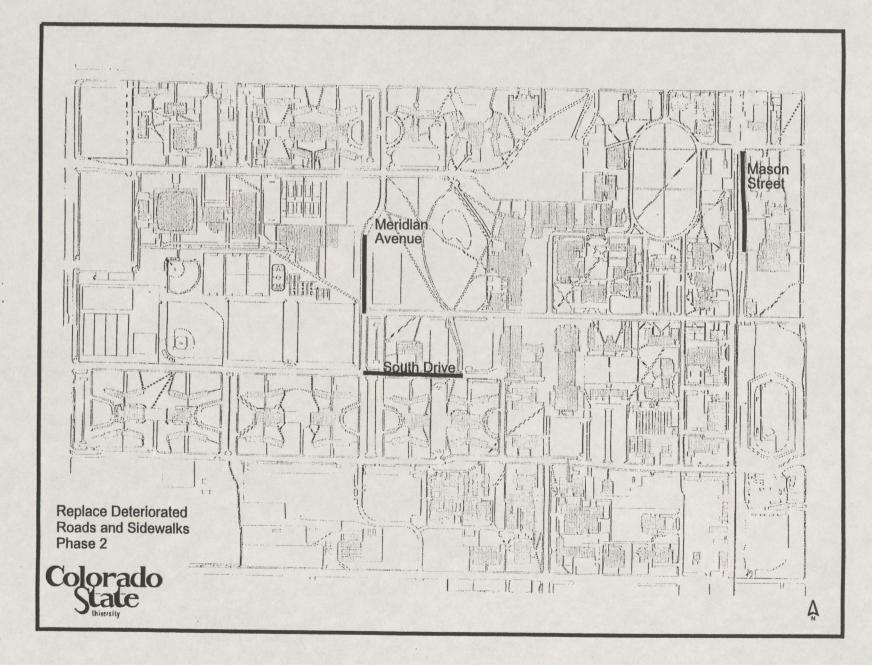
**Additional Cost of Phasing** 

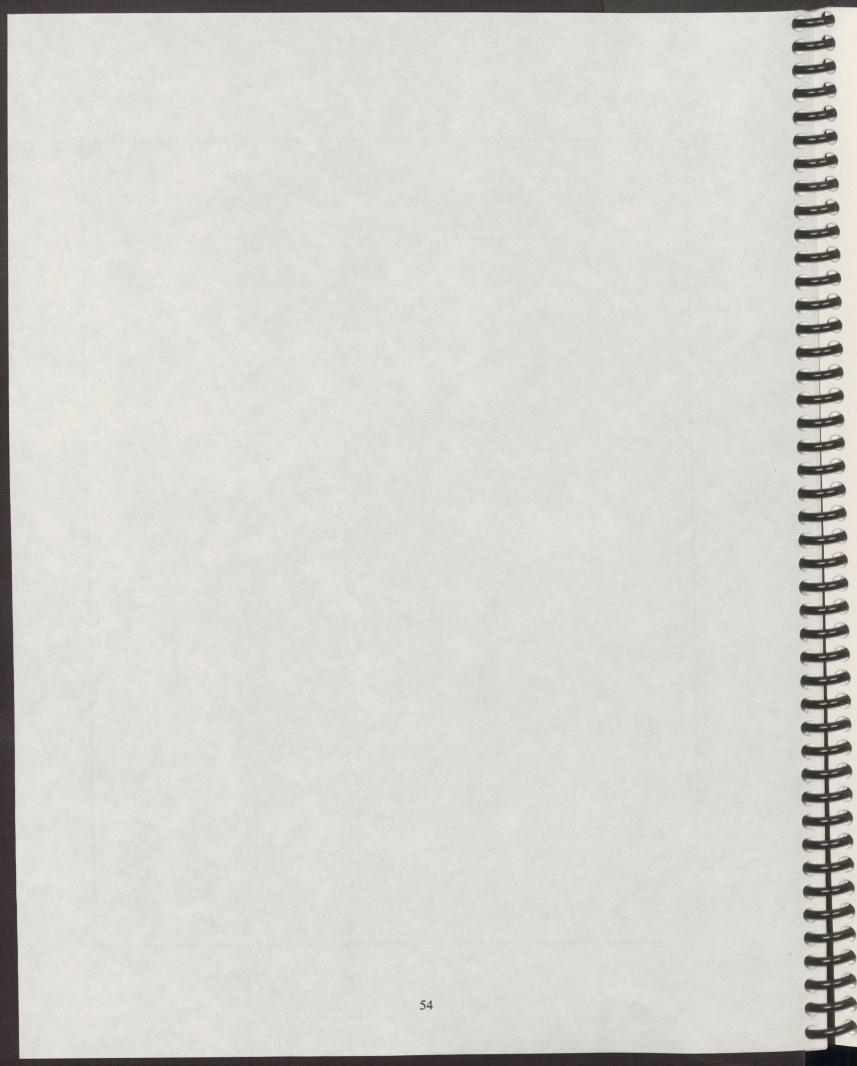
\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$1,698,898





#### A. AGENCY BASIC DATA:

l) Agency	Colorado State University
2) Department	Higher Education
3) Physical Plant ID no.	1700

1

SBP Project m# 4) Agency Priority #

5) Project Title

Replace Det. Items - San Luis Valley & CSFS Foothills 1 of 1

#### **B. FACILITY PROFILE**

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Greenhouse/Headhouse	7325	Outlying Areas	10,027	9,034	1993	Science	V-N	Satisfactory (CCHE1)	PCT	24/30/12	\$204,033
Shop	3532	Foothills Campus	6,916	6,184	1961	Farm Building	V-N	Remodeling-A(CCHE2)		8/25/12	\$506,876
Headquarters	3531	Foothills Campus	8,560	6,421	1958	Office	V-N	Remodeling-B(CCHE3)	PERIO PI	8/25/12	\$836,522
Modular Office	3550	Foothills Campus	646	602	1974	Office	V-N	Satisfactory (CCHE1)	a.) bild	8/25/12	\$31,577
Storage	3533	Foothills Campus	5,201	4,986	1965	Farm Building	V-N	Remodeling-A(CCHE2)	(a) (a) (a)	24/30/12	\$254,226

\$1,833,234

31,350 27,227

9. Faci	lity Master Plan Status - Check one or more of the following:		
	Major changes or revisions anticipated in near future.		
	Facility 'useful' life is less than five (5) years.		
	Facility 'useful' life is more than five (5) years.		
28	Facility renovation is planned.		
	Master Plan is obsolete; Last Date Approved:		

#### (by OSPB/CCHE)

# 10. Facility Audit Survey Status (Check one or more of the following:) Facility Audit Survey concluded and submitted to SBP - Date Facility Audit Survey is underway but not yet complete. % Complete Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

1700 Replace Det. Items - San Luis Valley & CSFS Foothills 1 of 1

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The existing greenhouse is extremely deteriorated, and cannot support the research being done at the station. Buildings at CSFS are old and in poor condition. Roofing on the shop is leaking, and the floor has large cracks that allow water to enter the soil below causing settling. The modular office is in need of roofing, painting and window replacement. The headquarters needs emergency lighting to meet fire code. This project replaces the greenhouse at San Luis Valley and replaces or repairs items at the Fort Collins CSFS site, including roofing, windows, painting, caulking and emergency lighting.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$294,042

a) Unit Cost \$ 9.38 /GSF; OTHER: \_\_\_\_

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.1604
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>Yes</u> Describe

project(s):

Capital Construction project number 4 - San Luis Valley Research Center Improvements.

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

<u>Research is being severely hampered because the greenhouse is no longer capable of providing the</u> <u>environment needed. Deteriorated roofing and flooring at CSFS is causing deterioration of the structures.</u> <u>Floor cracks and the lack of emergency lighting creates safety hazards for employees.</u>

#### 5. Additional information to support this request? (Describe)

A site map indicating the location of these buildings has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

D. DETAILED COST ESTIMATE/BUDGET REQUEST

Prepared By Gary L. Daggett

## **Controlled Maintenance Project Phase Estimate**

1700 Replace Det. Items - San Luis Valley & CSFS Foothills

Phase #:

1

Phase FY:

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	4791 Slab demolition	1,080	SF	\$3.29	\$3,550
2	4791 Building demolition	20,120	CF	\$0.22	\$4,394
3	4791 Site grading	5,000	SF	\$0.31	\$1,529
4	4791 Conc. Slab	2,260	SF	\$3.32	\$7,503
5	4791Greenhouse mech.	1,695	SF	\$9.28	\$15,733
6	4791 Greenhouse elec.	1,695	SF	\$8.43	\$14,290
7	4791Wadsworth controller	1	EA	\$9,784.54	\$9,785
8	4791 Weather station	1	EA	\$3,149.40	\$3,149
9	4791 Temp./humidity sensor	4	EA	\$421.52	\$1,686
10	4791 Vent control & damper	4	EA	\$1,771.26	\$7,085
11	4791 Cooling system	1,695	SF	\$5.62	\$9,533
12	4791 Glazing w/ shade system	1,695	SF	\$10.30	\$17,455
13	4791 Benches	1,695	SF	\$3.94	\$6,682
14	4791 Caissons	200	LF	\$33.74	\$6,749
15	4791 Headhouse mech.	565	SF	\$5.07	\$2,863
16	4791 Headhouse elec.	565	SF	\$3.37	\$1,906
17	4791 Headhouse siding/roofing	1,200	SF	\$6.75	\$8,098
18	4791 Plumbing	1	LS	\$1,638.04	\$1,638
19	4791 Sidewalk	360	SF	\$2.82	\$1,014
20	4791 Framing	2,260	SF	\$11.82	\$26,703
21	1052 Emergency lighting	10	EA	\$104.50	\$1,045
22	1053 Windows	19	EA	\$721.00	\$13,699
23	1054 Roofing	13,850	SF	\$2.96	\$40,996
24	1054 Floor caulking	300	LF	\$5.23	\$1,569
25	1066 Exterior paint	1,000	SF	\$1.05	\$1,050
26	1066 Roofing	600	SF	\$2.27	\$1,362
27	1066 Windows	9	EA	\$156.75	\$1,411

Subtotal	\$212,477
Contingency	\$21,248
A/E Fees	\$58,431
SBP Costs	\$1,886
Phase Total	\$294,042

1700 Replace Det. Items - San Luis Valley & CSFS Foothills 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FROM	М ТО
July 01	Dec 01
Dec 01	May 02
May 02	May 03
May 03	July 03
	July 01 Dec 01 May 02

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

Ag	ency Authorized	Signatu	ire	4791 Tomore Automatics	

1700 Replace Det. Items - San Luis Valley & CSFS Foothills 1 of 1

G. PROPOSED PHASING OPTIONS

\$294,042 (subtotal)

\$0

\$294,042

**Additional Cost of Phasing** 

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

PROBLEY MARKET Plant Stabus - Clerch, one or conce of the followings

- Major charges or resistons achieved to near former
- L. Paorling useful Hill is less that five (5) years.
  - 9 Padility bactul life is more than five (5) years.
- L.J. Facility renovation is obmost.
- Las Minster Plan is obsolution Lass Date Amproved

Gy OSPBICCHE

Is Family Arely Survey States (Check one or noire of the followings)

- Facility Audit Survey opaciaded and advanted to STP Day
- La recitity Audit Survey is Underway but not yet complete. We Complete
- Li Pacifity Audit Survey has not yet been instituted at this size. Automated start data of a Pacifity Audit Survey.

CONTROLLED MAINTRIAMCE PROFESSIONERFREET SEV. 199499.AM 1911 CORTINOS STATE BUILDINGS PROGRAMS 21 AT 21 AT 2

1780 Replace Det Haus-San Luis Valle, & CSTS Footbill 1787 and and ranks and ranks and and a series of a

- The Belleville Select Solite
- 3. Ragen (Laser (Riks)
- 3. Construction (Super-Gater)
- A. Frederic Cheve passificati Completion
  - \$294,042 (adhtocal)

F. AGENCY APPROVAL

- Prepared by Gary L. Deard
  - 141 2S.

Agency Authorited Signature

lotal Dollar Amount of Passos Chain racio

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#### **A. AGENCY BASIC DATA:**

1) Agency			Colorado State University								
2) Department	ł	H	igher Educati	on							
3) Physical Plant ID no. SBP Project m#		29	07						_		
4) Agency Price	ority #	1	1							-	
5) Project Title		Re	Replace Det. Items - Forestry BRP Phase 1 of 3								
<b>B. FACILITY</b>	PROFIL										
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Forestry	3260	Main Campus	27,046	18,627	1937	Science	III-1HR	Remodeling-B(CCHE3)	44.50	12/25/12	\$2,643,095
			27,046	18,627							\$2.643.095

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years. ~
  - Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

August 2000

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 297 Replace Det. Items - Forestry BRP Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Building heating, plumbing, and electrical sytems are nearly 60 years old and are obsolete. Parts are difficult or impossible to obtain. The heating system is leaking and outages are becoming more frequent. The plumbing system no longer meets code. All systems need to be replaced. The roofing leaks and can't be repaired by patching. The widows are single glazed and the sashes have dry rot. Phase 1 replaces windows, does asbestos abatement for the new mechanical room & builds the mechanical room. Phase 2 replaces the electrical & plumbing systems. Phase 3 replaces the heating system and ceiling tiles.

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2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,558,050

a)	Unit Cost \$	57.61	/GSF;	<b>OTHER:</b>		
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b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.5895

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_Yes\_\_ Describe

project(s):

Roofing is being done in project 101.

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

<u>Classes, labs, and administrative functions will be interrupted due to outages or system failures. Old</u> <u>electrical equipment may be a fire hazard. Roof leaks will damage the roof structure, ceilings and interior</u> <u>finishes. Single glazed windows have high energy loss and damaged sashes will make them inoperable.</u>

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

D. DETAILED COST ESTIMATE/BUDGET REQUEST

Prepared By Gary L. Daggett

### **Controlled Maintenance Project Phase Estimate**

#### 297 Replace Det. Items - Forestry BRP

Phase #:

1

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Phase FY: 2001/02

Description Unit **Unit Cost** Extended Cost Item Qty **Replace DH windows** 94 EA \$1,045.00 \$98,230 1 2 **Replace window walls** 1,920 SF \$56.43 \$108,346 3 ACM insulation abatement - mech. Rm. 100 SF \$39.18 \$3,918 4 New mech. Rm. 400 SF \$30.23 \$12,092 Subtotal \$222,586 Contingency \$22,259 A/E Fees \$202,828 **SBP** Costs \$3,027 **Phase Total** \$450,700

Phase #	: 2	Phase FY: 2002/03		The array	C.181.18(.2.1	
Item #	Description	Theorem Million	Qty	Unit	Unit Cost	Extended Cos
1	MDP & feeder		1	EA	\$21,051.00	\$21,051
2	Sub panel & feeders		3	EA	\$24,856.00	\$74,568
3	Panels & feeders		6	EA	\$10,625.00	\$63,750
4	Branch circuits		10,382	LF	\$5.15	\$53,467
5	Lights		350	EA	\$275.00	\$96,250
6	Piping demolition		11,403	LF	\$1.98	\$22,578
7	Lab fixtures		10	EA	\$763.00	\$7,630
8	DCW & DHW piping		11,403	LF	\$9.30	\$106,048
9	DWV piping		819	LF	\$29.00	\$23,751
10	Rest rooms	ested in the correct facal year for Intendu?	4	EA	\$4,500.00	\$18,000
				Sub	total	\$487,093
				Con	tingency	\$48,709
				A/E	Fees	\$0
				SBP	Costs	\$0
				Pha	se Total	\$535,802

# **Controlled Maintenance Phase Estimate**

Project: 297 Replace deteriorated items in the Forestry building.

## **Controlled Maintenance Phase Estimate**

Project: 297

Replace deteriorated items in the Forestry building.

Phase #: 3 Phase FY: 2003/04

Item #	Descripti	on		Qty	Unit	Unit Cost	Extended Cost
1	Piping demo	olition	FROM	4,307	LF	\$1.98	\$8,528
2	Radiator de	molition		151	EA	\$421.99	\$63,720
3	Heat exchar	nger		1	EA	\$40,001.00	\$40,001
4	Pumps			2	EA	\$5,000.00	\$10,000
5	Piping w/ ins	sulation		4,307	LF	\$51.40	\$221,380
6	Unit ventilat	ors		151	EA	\$603.00	\$91,053
7	Temperatur	e controls		1	LS	\$10,000.00	\$10,000
8	Suspended	Ceiling		20,300	SF	\$3.69	\$74,907
					Sub	total	\$519,589
					Con	tingency	\$51,959
					A/E	Fees	\$0
					SBP	Costs	\$0
					Phas	se Total	\$571,548

Additional Cost of Photos

fotel Dollar Amount of Physed Construction

(Prior, Current and Future Phases)

\$1,558,050

#### 297 Replace Det. Items - Forestry BRP Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ ТО
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	May 02
3. Construction (Insert Dates)	May 02	May 03
4. Project Close-out/Final Completion	May 03	July 03

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

297 Replace Det. Items - Forestry BRP Phase 1 of 3

**G. PROPOSED PHASING OPTIONS** 

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Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	<b>Dollar Amount</b> (Per Detailed Budget)
	297	2001/02	1	\$450,700

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	297	2002/03	2	\$535,802
	297	2003/04	3	\$571,548

\$1,558,050 (subtotal)

**Additional Cost of Phasing** 

**FUTURE PHASING** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$1,558,050

Building Name: Forestry	Number: 0081
Construction Date: 1937 Gross Square Feet: 27,046	Net Square Feet: 25,245
Date of Audit: 11/03/1997 Cycle: 3 Phase: 1 No	o. of Stories: 2
Classification: M120 Classroom, 2-3 Story SBP (	Class: 10 Classroom/Office
Replacement Cost: \$2,718,123.00 Cost Per SF	7: \$100.50

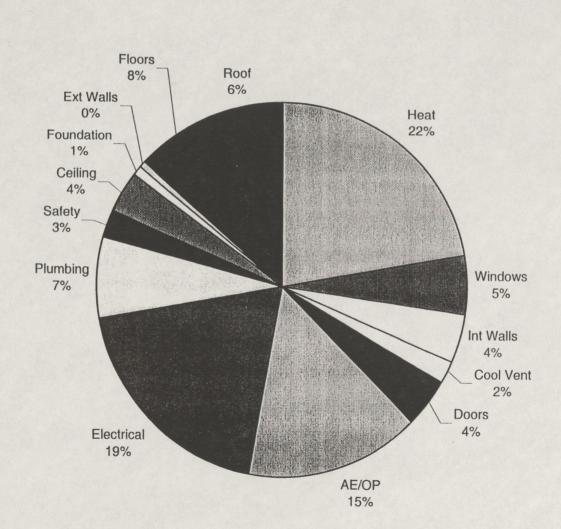
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2500	0.02	0.0050	\$13,590.61
Ext Walls	0.0500	0.04	0.0020	\$5,436.25
Floors	0.3500	0.12	0.0420	\$114,161.16
Roof	0.6500	0.05	0.0325	\$88,339.00
Ceiling	0.5000	0.04	0.0200	\$54,362.46
Int Walls	0.4000	0.06	0.0240	\$65,234.95
Windows	0.9000	0.03	0.0270	\$73,389.32
Doors	0.6000	0.04	0.0240	\$65,234.95
Cool Vent	0.2500	0.04	0.0100	\$27,181.23
Heat	0.9500	0.13	0.1235	\$335,688.17
Plumbing	0.5500	0.07	0.0385	\$104,647.74
Electrical	0.9800	0.11	0.1078	\$293,013.66
Safety	0.3500	0.04	0.0140	\$38,053.72
AE/OP	0.4703	0.18	0.0847	\$230,099.99

**Component Deficiency Total:** 

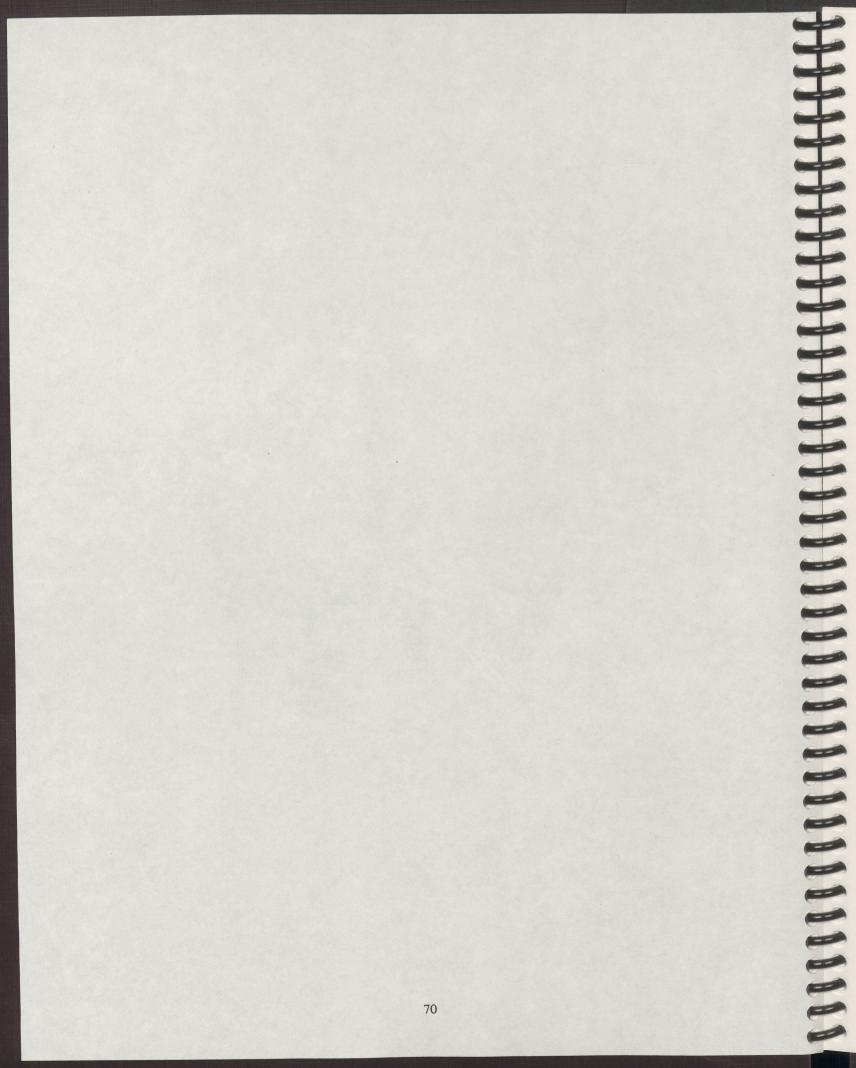
0.5550

**Outstanding Maintenance:** \$1,508,433.22 44.50 Facilities Condition Index (FCI):

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



Forestry



A. AGENCY	<b>BASIC DATA:</b>

A. AGENCY BASIC DATA							
1) Agency	Colorado State Universi	ity		- according to			
2) Department	Higher Education						
3) Physical Plant ID no. SBP Project m#	1196						
4) Agency Priority #	1 Phase FY: 2006	491					
5) Project Title	Replace Det. Electrical	- Aylesworth Hall 1	of 1				
<b>B. FACILITY PROFILE</b>	on panel and secondary phi	ables, main distributi	of Republic Propagation of the	Istadiated Cost			
Building Risk Mgmnt	Location GSF ASF	Year Functional Use Built	Const Condition Type	FCI Use Value Intensity			
Aylesworth Hall 3204 Ma	in Campus 86,723 55,704	1956 Classroom/Office	II-1HR Remodeling-A(CCHE2)	64.15 8/25/12 \$8,475,083			
	86,723 55,704			\$8,475,083			
9. Facility Master Plan State							
	visions anticipated in near fu s less than five (5) years.	iture.					
	s more than five (5) years.						
Facility renovation is	s planned.						
Master Plan is obsol	ete; Last Date Approved:	(by OSPB/CCHE)					
		())					

#### 10. Facility Audit Survey Status (Check one or more of the following:)

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Facility Audit Survey concluded and submitted to SBP - Date	August 2000
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- Facility Audit Survey is underway but not yet complete. % Complete
  - Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 1196 Replace Det. Electrical - Aylesworth Hall 1 of 1

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Electrical system in Aylesworth Hall is subject to failure with parts difficult or impossible to obtain. Multiple building code violations need to be corrected. The solution is to replace the systems as required.

Replacement of the transformer, entrance cables, main distribution panel and secondary panels in Aylesworth Hall.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$399,244

a) Unit Cost \$ 4.60 /GSF; OTHER: \_\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.0471

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

System failures may cause interruptions to classrooms, labs, and offices. Some components are old and may be a fire hazard.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

D. DETAILED COST ESTIMATE/BUDGET REQUEST Prepared By Gary L. Daggett

## **Controlled Maintenance Project Phase Estimate**

1196 **Replace Det. Electrical - Aylesworth Hall** 

Phase #: 1 Phase FY: 2000/01

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Demolition	1	LS	\$2,403.00	\$2,403
2	Replace panels & feeders	23	EA	\$10,100.00	\$232,300
3	Motor generator	1	EA	\$33,615.00	\$33,615
4	Transformer	1	EA	\$12,339.00	\$12,339
5	Main panel	1	EA	\$22,734.00	\$22,734
6	Entrance cables	1	EA	\$4,212.00	\$4,212
7	Voltage suppression	1	EA	\$6,939.00	\$6,939

Subtotal	\$314,542
Contingency	\$31,454
A/E Fees	\$51,899
SBP Costs	\$1,349
Phase Total	\$399,244

#### 1196 Replace Det. Electrical - Aylesworth Hall 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	то	2
1. Predesign (Insert Dates)	July 01	Dec 01	Call Contraction of the
2. Design (Insert Dates)	Dec 01	May 02	1 :0 :00
3. Construction (Insert Dates)	May 02	May 03	_
4. Project Close-out/Final Completion	May 03	July 03	

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

. Additional information to sugging this consist? When the

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) Semilerrental Shortleb Atlanticit. (Researching, eksteller, enger eks.)

Yes

1196 Replace Det. Electrical - Aylesworth Hall 1 of 1

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	<b>Dollar Amount</b> (Actual Appropriation)
	1196	2000/01	1	\$399,244

\$399,244 (subtotal)

**Additional Cost of Phasing** 

\$0

\$399,244

#### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

Gaistending Maintemance:

Farilities Condition Index (FCL):

a fina r frequencies promodure 3.1 = 10.

VERGE: (Lott Rates for A200F as the state of the component performances of an ensure component

Building Name: Aylesy	worth Hall	Number: 00	)21
Construction Date: 195	56 Gross Square Fee	t: 86,723 Net Square F	'eet: 80,252
Date of Audit: 12/01/1	997 Cycle: 3 Phas	e: 1 No. of Stories: 3	
Classification: M460 (	Office Building	SBP Class: 10 Classi	room/Office
Replacement Cost: \$	8,715,662.00 C	ost Per SF: \$100.50	

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0700	0.02	0.0014	\$12,201.93
Ext Walls	0.0300	0.09	0.0027	\$23,532.29
Floors	0.0800	0.16	0.0128	\$111,560.47
Roof	0.3300	0.03	0.0099	\$86,285.06
Ceiling	0.8000	0.05	0.0400	\$348,626.49
Int Walls	0.2000	0.05	0.0100	\$87,156.62
Windows	0.9000	0.02	0.0180	\$156,881.92
Doors	0.5500	0.05	0.0275	\$239,680.71
Cool Vent	0.4500	0.05	0.0225	\$196,102.41
Heat	0.4500	0.12	0.0540	\$470,645.76
Plumbing	0.4800	0.02	0.0096	\$83,670.35
Electrical	0.7200	0.12	0.0864	\$753,033.21
Safety	0.9000	0.01	0.0090	\$78,440.96
AE/OP	0.3038	0.18	0.0547	\$476,607.30

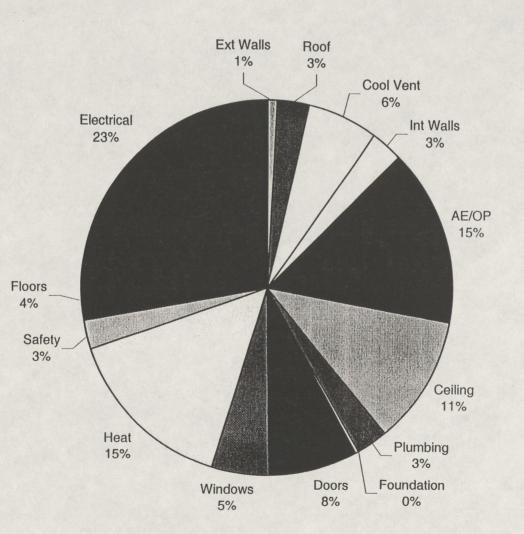
0.3585 **Component Deficiency Total:** 

> **Outstanding Maintenance:** \$3,124,425.52 Facilities Condition Index (FCI): 64.15

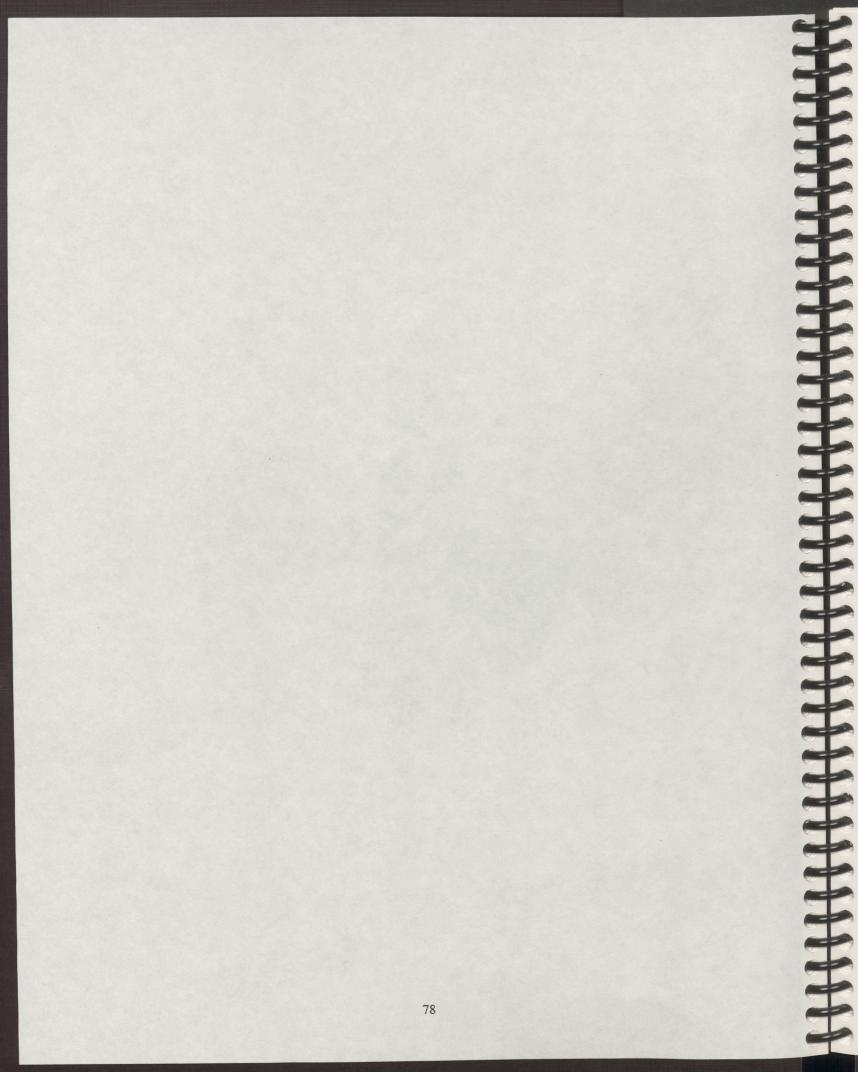
FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

3



**Aylesworth Hall** 



#### A. AGENCY BASIC DATA:

1) Agency	Colorado State University	
2) Department	Higher Education	1000 - 40ki

6297

1

3) Physical Plant ID no.

SBP Project m#

4) Agency Priority #

5) Project Title

Replace Det. Electrical Feeders & Main Campus Feeder 1 of 1

#### **B. FACILITY PROFILE**

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Dog Colony	3430	0.0006	3,536	V Insu	1962	ey / Fadility Re-	V-N	The Delay Project Con	PCP	24/30/12	\$433,12
Center for Envir Toxicolgy & Technology	3669	Foothills Campus	14,676	9,447	1966	Science	II-1HR	Remodeling-A(CCHE2)	69.36	8/25/12	\$1,434,159
Engr. Res. Center	3557	Foothills Campus	149,915	113,789	1962	Engineering	II-1HR	Remodeling-A(CCHE2)	72.62	8/25/12	\$18,314,111
Hydro-Machinery Lab	3567	Foothills Campus	16,826	14,808	1966	Engineering	V-N	Satisfactory (CCHE1)	71.64	8/25/12	\$1,644,312
Auditorium Gymnasium	3209	Main Campus	272,354	170,644	1966	Physical Education	II-FR	Satisfactory (CCHE1)	62.54	12/30/12	\$26,736,393
Physiology	3336	Main Campus	64,740	37,310	1966	Science	II-FR	Remodeling-A(CCHE2)	66.60	12/25/12	\$7,908,554
Atmospheric Science	3575	Foothills Campus	37,079	21,779	1967	Science	II-1HR	Remodeling-A(CCHE2)	76.42	8/25/12	\$3,623,412
Andrew G. Clark	3276	Main Campus	254,792	137,254	1967	Classroom/Office	II-FR	Remodeling-A(CCHE2)	68.33	12/25/12	\$21,785,939
C.D.CCenter for Disease Control	3602	Foothills Campus	41,565	22,786	1967	Science	II-1HR	Remodeling-A(CCHE2)	72.96	8/25/12	\$10,155,049

855,483 527,817

\$92,035,058

9. Facility Master	· Plan Status -	Check one	or more of	the following:	
--------------------	-----------------	-----------	------------	----------------	--

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

1

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
   Facility Audit Survey has not yet been initiated at this time
  - Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

6297 Replace Det. Electrical Feeders & Main Campus Feeder 1 of 1

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The original building transformers and primary feeders are over 30 years old. These systems are obsolete, beyond their useful life and replacement parts are no longer available. The main campus feeder will provide a backup power feed to the main campus substation. This project replace transformers and primary electrical feeders to several buildings and provides a third primary feeder to the main campus substation.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$634.802

a) Unit Cost \$ 0.71 /GSF; OTHER: \_\_\_\_

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0066
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>Yes</u> Describe

project(s):

Roofing is being done on a portion of ERC as part of project 1-01. Refrigeration units are being repaired in Physiology as part of project 24-95.

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Power outages, low voltage, and "brown outs" are causing disruptions to classes and research. Further deterioration in the primary systems will increase the frequency and severity of these disruptions. The existing main campus feeders do not have the capacity to feed the substation should one of them fail.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet for these buildings has been attached. A campus map indicating the building locations has been included.

#### b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Project: Phase #	1	ace deteriorated Phase FY: 2	electrical feeders	to several	building	gs and the mai	n campus subsi
Item #	Description	G OPTIONS	(10,240,340,03103	Qty	Unit	Unit Cost	Extended Cos
1	Clark feeder	MO	ari (	80	LF	\$68.19	\$5,455
2	Aud-Gym feeder			85	LF	\$68.19	\$5,796
3	Physiology feeder			100	LF	\$68.19	\$6,819
4	Atmos. Science feeder			75	LF	\$68.19	\$5,114
5	Main campus feeder			1	EA	\$177,275.00	\$177,275
6	Dog Pen feeder			373	LF	\$68.19	\$25,435
7	CETT feeder			153	LF	\$68.19	\$10,433
8	ERC feeders			667	LF	\$68.19	\$45,483
9	Hydro Lab feeder			701	LF	\$68.19	\$47,801
10	CDC feeder			57	LF	\$68.19	\$3,887
11	Clark transformer			1	EA	\$34,440.00	\$34,440
12	Aud Gym transformer			1	EA	\$36,278.00	\$36,278
13	Physiology transformer			1	EA	\$52,818.00	\$52,818
14	Atmospheric Science tran	sformer		1	EA	\$43,358.00	\$43,358
					Subt	total	\$500,392
					Con	tingency	\$50,039
					A/E	Fees	\$82,565
					SBP	Costs	\$1,806
					Phas	e Total	\$634,802

# nance Phase Estimate

OPTIONS "	nou paroan	Qty	Unit	Unit Cost	Extended Cost
MOS	u.	80	LF	\$68.19	\$5,455
		85	LF	\$68.19	\$5,796
		100	LF	\$68.19	\$6,819
		75	LF	\$68.19	\$5,114
		1	EA	\$177,275.00	\$177,275
		373	LF	\$68.19	\$25,435
		153	LF	\$68.19	\$10,433
		667	LF	\$68.19	\$45,483
		701	LF	\$68.19	\$47,801
		57	LF	\$68.19	\$3,887
		1	EA	\$34,440.00	\$34,440
		1	EA	\$36,278.00	\$36,278
		1	EA	\$52,818.00	\$52,818
mer		1	EA	\$43,358.00	\$43,358
			Subt	otal	\$500,392
			Con	tingency	\$50,039
			A/E	Fees	\$82,565
			SBP	Costs	\$1,806
			Phas	e Total	\$634,802

6297 Replace Det. Electrical Feeders & Main Campus Feeder 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	DM TO
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	May 02
3. Construction (Insert Dates)	May 02	May 03
4. Project Close-out/Final Completion	May 03	July 03

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

Agency Authorized Signature

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b) Supplicating Shout(s) Attached? (Participation shall be apapted attached

Yes

6297 Replace Det. Electrical Feeders & Main Campus Feeder 1 of 1

G. PROPOSED PHASING OPTIONS

\$634,802 (subtotal)

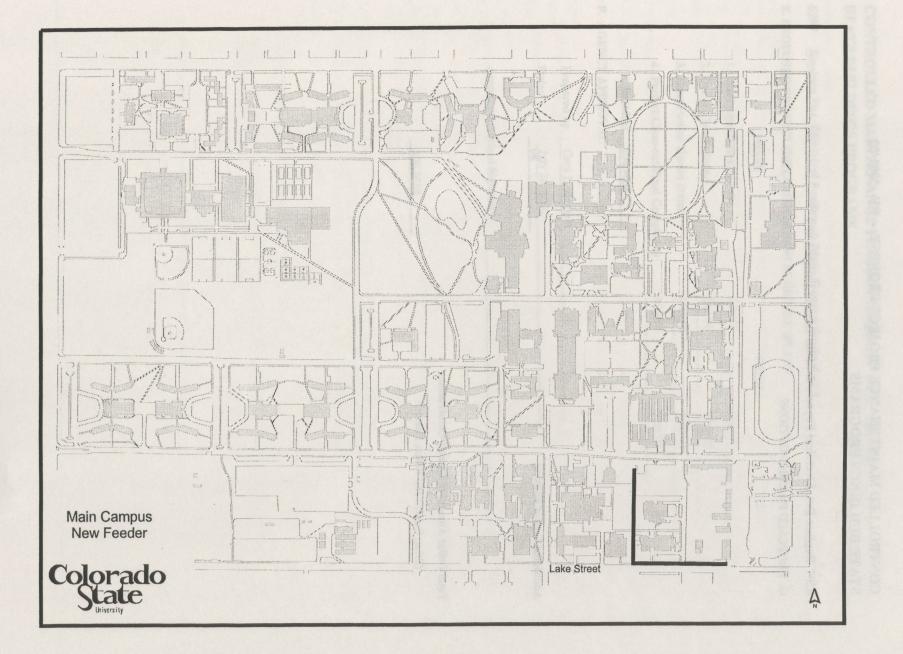
\$0

**Additional Cost of Phasing** 

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$634,802



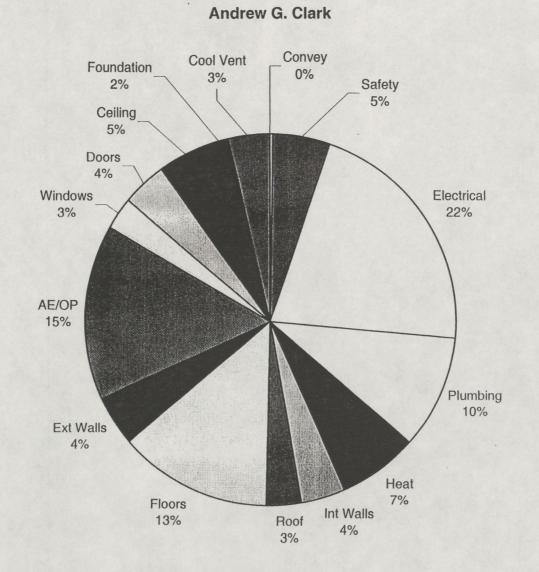
Building Name: Andrew G. Clark Number: 0091 Construction Date: 1967 Gross Square Feet: 254,792 Net Square Feet: 229,692 Date of Audit: 11/29/1999 Cycle: 3 Phase: 3 No. of Stories: 3 Classification: M120 Classroom, 2-3 Story SBP Class: 10 Classroom/Office

Replacement Cost:	\$21,867,778.00	Cost Per SF: \$85.83			
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost	
Foundation	0.2500	0.02	0.0050	\$109,338.89	
Ext Walls	0.3500	0.04	0.0140	\$306,148.88	
Floors	0.3500	0.12	0.0420	\$918,446.64	
Roof	0.2000	0.05	0.0100	\$218,677.79	
Ceiling	0.4000	0.04	0.0160	\$349,884.45	
Int Walls	0.2000	0.06	0.0120	\$262,413.33	
Windows	0.3000	0.03	0.0090	\$196,810.01	
Doors	0.3000	0.04	0.0120	\$262,413.34	
Cool Vent	0.1300	0.09	0.0110	\$241,638.94	
Heat	0.2600	0.09	0.0221	\$483,277.88	
Plumbing	0.4500	0.07	0.0315	\$688,835.04	
Electrical	0.6100	0.11	0.0671	\$1,467,327.93	
Convey	0.0600	0.01	0.0006	\$13,120.67	
Safety	0.4000	0.04	0.0160	\$349,884.45	
AE/OP	0.2684	0.18	0.0483	\$1,056,279.34	

**Component Deficiency Total:** 0.3167

> **Outstanding Maintenance:** \$6,924,497.72 Facilities Condition Index (FCI): 68.33

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



Building Name:Auditorium GymnasiumNumber:0027Construction Date:1966Gross Square Feet:272,354Net Square Feet:223,025Date of Audit:09/14/1998Cycle:3Phase:2No. of Stories:2Classification:M310Gymnasium, 1StorySBP Class:15Physical Education

Replacement Cost: \$25,946,995.00

Cost Per SF: \$95.27

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0700	0.04	0.0028	\$72,651.58
Ext Walls	0.2000	0.06	0.0120	\$311,363.94
Floors	0.3000	0.15	0.0450	\$1,167,614.87
Roof	0.6000	0.18	0.1080	\$2,802,275.68
Ceiling	0.5000	0.01	0.0050	\$129,734.97
Int Walls	0.3000	0.04	0.0120	\$311,363.95
Windows	0.2000	0.02	0.0040	\$103,787.98
Doors	0.6500	0.02	0.0130	\$337,310.95
Cool Vent	0.1900	0.06	0.0114	\$295,795.73
Heat	0.1300	0.05	0.0065	\$168,655.46
Plumbing	0.7300	0.06	0.0438	\$1,136,478.39
Electrical	0.6700	0.07	0.0469	\$1,216,914.10
Convey	0.0200	0.01	0.0002	\$5,189.40
Safety	0.1400	0.03	0.0042	\$108,977.38
AE/OP	0.3148	0.19	0.0598	\$1,551,941.70

Component Deficiency Total: 0.3746

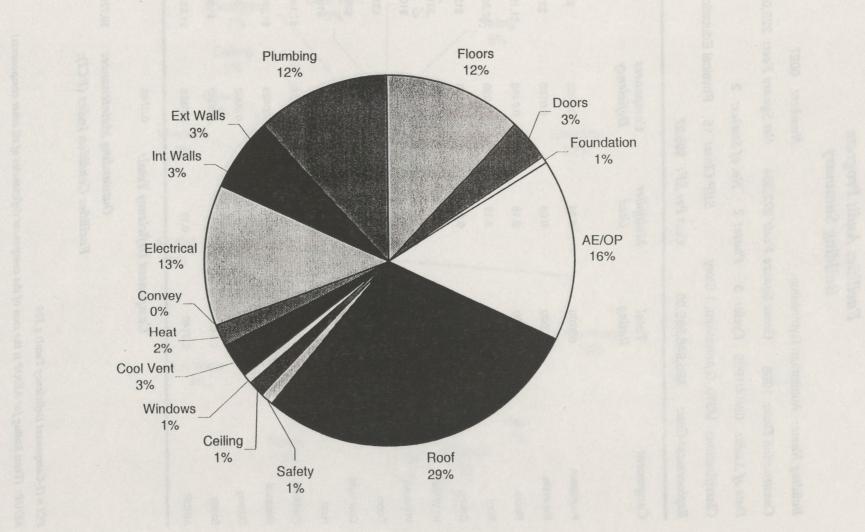
Outstanding Maintenance:\$9,720,056.05Facilities Condition Index (FCI):62.54

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

Friday, July 28, 2000

## Auditorium Gymnasium



Building Name: Physiology Number: 0142 Gross Square Feet: 64,740 Construction Date: 1966 Net Square Feet: 55,790 Date of Audit: 12/28/1998 Cycle: 3 Phase: 2 No. of Stories: 2 Classification: M150 College, Laboratory SBP Class: 11 Science **Replacement Cost:** \$7,959,136.00 Cost Per SF: \$122.94

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0500	0.07	0.0035	\$27,856.98
Ext Walls	0.0700	0.06	0.0042	\$33,428.37
Floors	0.0500	0.07	0.0035	\$27,856.98
Roof	0.3000	0.06	0.0180	\$143,264.45
Ceiling	0.9000	0.03	0.0270	\$214,896.66
Int Walls	0.3000	0.09	0.0270	\$214,896.69
Windows	0.7000	0.02	0.0140	\$111,427.90
Doors	0.3500	0.02	0.0070	\$55,713.95
Cool Vent	0.3300	0.06	0.0214	\$170,723.47
Heat	0.6600	0.06	0.0429	\$341,446.94
Plumbing	0.3800	0.14	0.0532	\$423,426.03
Electrical	0.6700	0.07	0.0469	\$373,283.49
Convey	0.0400	0.01	0.0004	\$3,183.65
Safety	0.3500	0.02	0.0070	\$55,713.95
AE/OP	0.2761	0.21	0.0580	\$461,395.08

0.3340 **Component Deficiency Total:** 

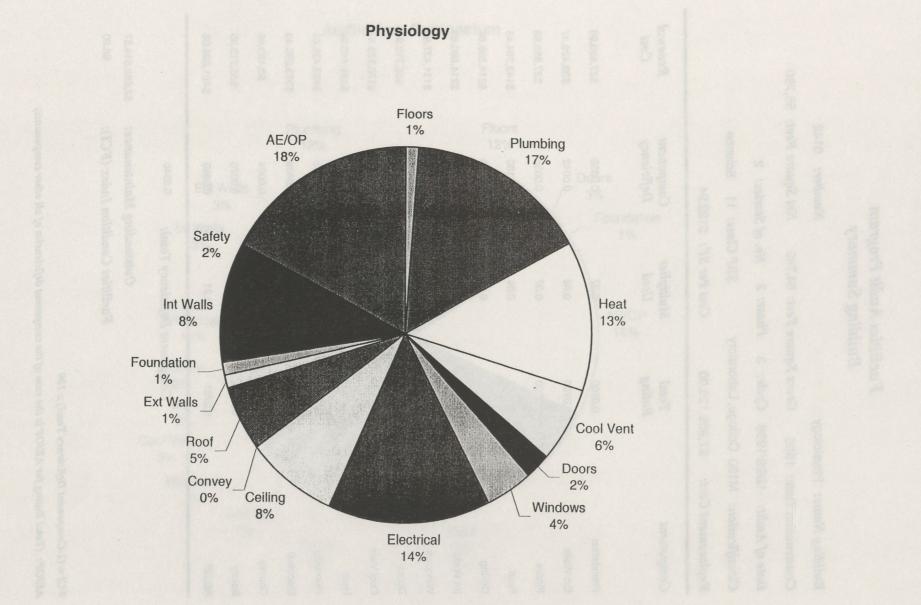
> **Outstanding Maintenance:** \$2,658,514.57 Facilities Condition Index (FCI):

66.60

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

Friday, July 28, 2000



Building Name: Atmospher	ic Science	<i>Number:</i> 1120
Construction Date: 1967	Gross Square Feet: 37,079	Net Square Feet: 31,457
Date of Audit: 01/20/1998	Cycle: 3 Phase: 1 No. of	f Stories: 4
Classification: M460 Office	Building SBP Class	ss: 11 Science
Replacement Cost: \$3,726	6,069.00 Cost Per SF: 5	\$100.49

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2000	0.02	0.0040	\$14,904.28
Ext Walls	0.2700	0.09	0.0243	\$90,543.48
Floors	0.1200	0.16	0.0192	\$71,540.52
Roof	0.2000	0.03	0.0060	\$22,356.41
Ceiling	0.1500	0.05	0.0075	\$27,945.52
Int Walls	0.1000	0.05	0.0050	\$18,630.35
Windows	0.4700	0.02	0.0094	\$35,025.05
Doors	0.4000	0.05	0.0200	\$74,521.38
Cool Vent	0.4000	0.09	0.0340	\$126,686.35
Heat	0.3000	0.09	0.0255	\$95,014.76
Plumbing	0.1500	0.02	0.0030	\$11,178.21
Electrical	0.3200	0.12	0.0384	\$143,081.04
Convey	0.1000	0.01	0.0010	\$3,726.07
Safety	0.2500	0.01	0.0025	\$9,315.17
AE/OP	0.1998	0.18	0.0360	\$134,004.35

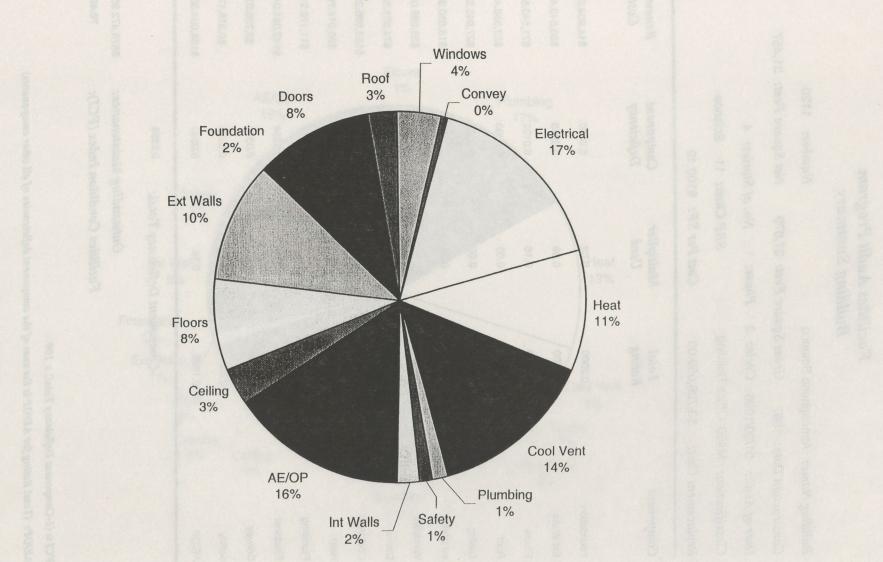
Component Deficiency Total: 0.2358

Outstanding Maintenance:\$878,472.95Facilities Condition Index (FCI):76.42

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

Friday, July 28, 2000



**Atmospheric Science** 

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the law the total

Building Name:Center for Envir Toxicolgy & TechnologyNumber:1422Construction Date:1966Gross Square Feet:14,676Net Square Feet:13,042Date of Audit:01/12/1998Cycle:3Phase:1No. of Stories:1Classification:M150College, LaboratorySBP Class:11ScienceReplacement Cost:\$1,474,791.00Cost Per SF:\$100.49

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.5500	0.07	0.0385	\$56,779.46
Ext Walls	0.1000	0.06	0.0060	\$8,848.75
Floors	0.2000	0.07	0.0140	\$20,647.07
Roof	0.2000	0.06	0.0120	\$17,697.49
Ceiling	0.5000	0.03	0.0150	\$22,121.86
Int Walls	0.1500	0.09	0.0135	\$19,909.68
Windows	0.5000	0.02	0.0100	\$14,747.91
Doors	0.4500	0.02	0.0090	\$13,273.12
Cool Vent	0.3000	0.07	0.0210	\$30,970.61
Heat	0.8500	0.06	0.0510	\$75,214.34
Plumbing	0.2500	0.14	0.0350	\$51,617.69
Electrical	0.2600	0.07	0.0182	\$26,841.20
Safety	0.5000	0.02	0.0100	\$14,747.91
AE/OP	0.2532	0.21	0.0532	\$78,417.58

Component Deficiency Total: 0.30

0.3064

Outstanding Maintenance:\$451,834.67Facilities Condition Index (FCI):69.36

FCI = (1-Component Deficiency Total) x 100

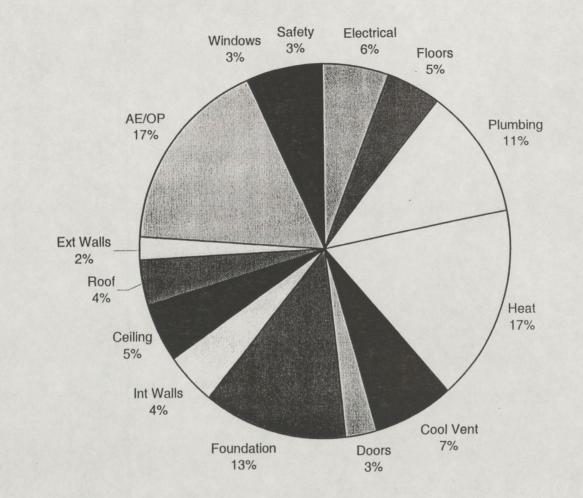
AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

Friday, July 28, 2000

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### C.E.T.T.

Number: 1101 Building Name: Engr. Res. Center Construction Date: 1962 Gross Square Feet: 149,915 Net Square Feet: 134,379 Date of Audit: 02/01/1999 Cycle: 3 Phase: 2 No. of Stories: 3 Classification: M150 College, Laboratory SBP Class: 12 Engineering **Replacement** Cost: \$18,430,550.00 Cost Per SF: \$122.94

		•			
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost	
Foundation	0.0500	0.07	0.0035	\$64,506.93	
Ext Walls	0.0500	0.06	0.0030	\$55,291.65	
Floors	0.1000	0.07	0.0070	\$129,013.85	
Roof	0.3500	0.06	0.0210	\$387,041.53	
Ceiling	0.4500	0.03	0.0135	\$248,812.43	
Int Walls	0.0210	0.09	0.0019	\$34,833.74	
Windows	0.1500	0.02	0.0030	\$55,291.65	
Doors	0.0600	0.02	0.0012	\$22,116.66	
Cool Vent	0.1100	0.06	0.0066	\$121,641.63	
Heat	0.1300	0.07	0.0091	\$167,718.00	
Plumbing	0.6200	0.14	0.0868	\$1,599,771.76	
Electrical	0.8600	0.07	0.0602	\$1,109,519.13	
Convey	0.0500	0.01	0.0005	\$9,215.27	
Safety	0.4500	0.02	0.0090	\$165,874.94	
AE/OP	0.2263	0.21	0.0475	\$875,836.31	

0.2738 **Component Deficiency Total:** 

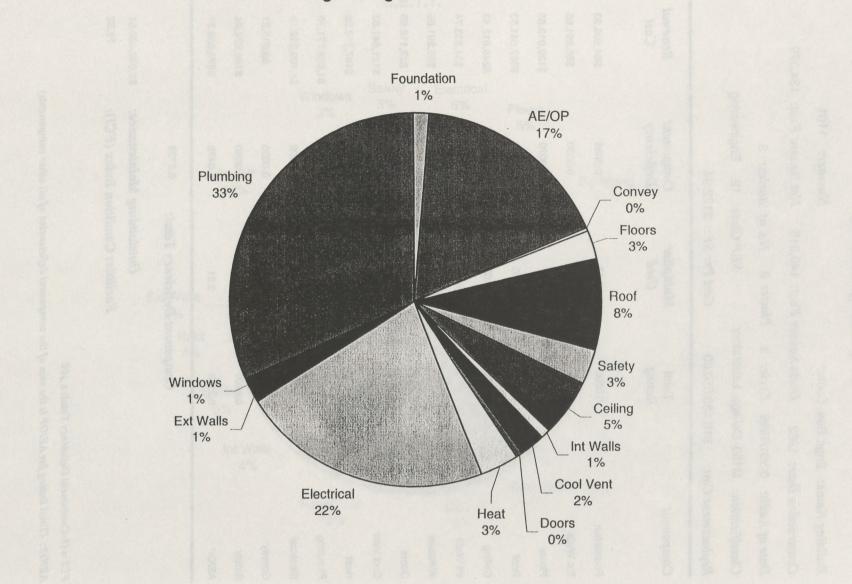
> **Outstanding Maintenance:** \$5,046,485.51 Facilities Condition Index (FCI):

72.62

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

Friday, July 28, 2000



#### **Engineering Research Center**

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LENGY LEGY 12' THE

Building Name:Hydro-Machinery LabNumber:1111Construction Date:1966Gross Square Feet:16,826Net Square Feet:15,852Date of Audit:03/08/1999Cycle:3Phase:2No. of Stories:2Classification:M590Vocational,2 StorySBP Class:12EngineeringReplacement Cost:\$1,654,837.00Cost Per SF:\$98.35

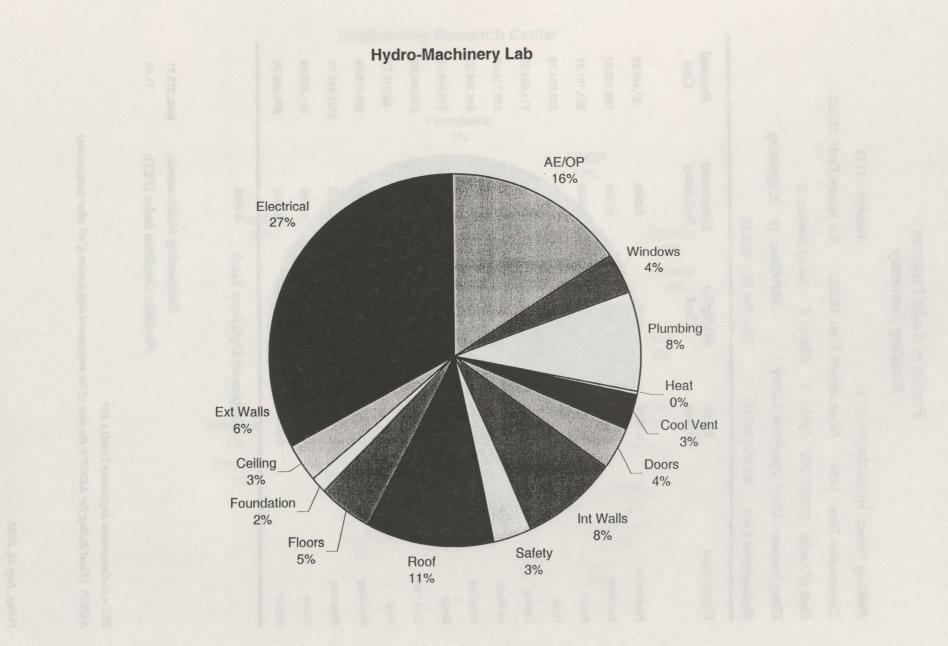
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.1500	0.03	0.0045	\$7,446.77
Ext Walls	0.2000	0.09	0.0180	\$29,787.07
Floors	0.0800	0.16	0.0128	\$21,181.91
Roof	0.8000	0.04	0.0320	\$52,954.78
Ceiling	0.3000	0.03	0.0090	\$14,893.53
Int Walls	0.3000	0.08	0.0240	\$39,716.09
Windows	0.5000	0.02	0.0100	\$16,548.37
Doors	0.5000	0.02	0.0100	\$16,548.37
Cool Vent	0.0700	0.12	0.0084	\$13,900.63
Heat	0.0200	0.07	0.0014	\$2,316.77
Plumbing	0.6000	0.04	0.0240	\$39,716.09
Electrical	0.9400	0.08	0.0752	\$124,443.74
Safety	0.3000	0.03	0.0090	\$14,893.53
AE/OP	0.2383	0.19	0.0453	\$74,926.05

Component Deficiency Total: 0.2836

Outstanding Maintenance:\$469,273.71Facilities Condition Index (FCI):71.64

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

Friday, July 28, 2000



### Facilities Audit Program Building Summary

Building Name:C.D.C.-Center for Disease ControlNumber:1301Construction Date:1967Gross Square Feet:41,565Net Square Feet:37,998Date of Audit:04/27/2000Cycle:3Phase:3No. of Stories:3Classification:M150College, LaboratorySBP Class:11ScienceReplacement Cost:\$10,193,401.00Cost Per SF:\$245.24

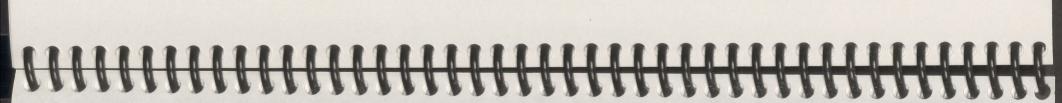
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
B.FAULTY PROFILE				
Foundation	0.0600	0.07	0.0042	\$42,812.28
Ext Walls	0.1200	0.06	0.0072	\$73,392.48
Floors	0.2500	0.07	0.0175	\$178,384.52
Roof	0.3000	0.06	0.0180	\$183,481.20
Ceiling	0.1000	0.03	0.0030	\$30,580.20
Int Walls	0.1200	0.09	0.0108	\$110,088.73
Windows	0.0600	0.02	0.0012	\$12,232.08
Doors	0.2200	0.02	0.0044	\$44,850.96
Cool Vent	0.6800	0.07	0.0476	\$485,205.89
Heat	0.2500	0.06	0.0150	\$152,901.01
Plumbing	0.5500	0.14	0.0770	\$784,891.90
Electrical	0.2000	0.07	0.0140	\$142,707.62
Convey	0.0600	0.01	0.0006	\$6,116.04
Safety	0.1500	0.02	0.0030	\$30,580.20
AE/OP	0.2235	0.21	0.0469	\$478,427.26

Component Deficiency Total: 0.2704

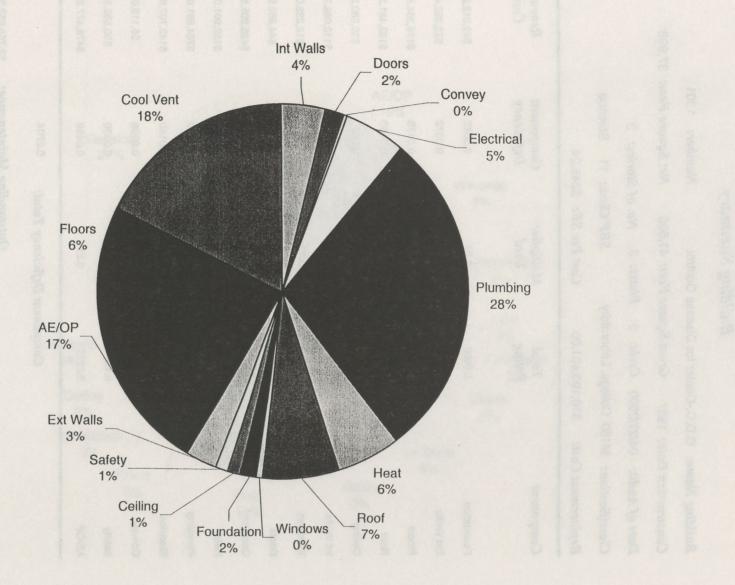
Outstanding Maintenance:\$2,756,652.39Facilities Condition Index (FCI):72.96

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



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#### **Center for Disease Control**

#### A. AGENCY BASIC DATA:

1) Agency		Color	rado State	Univers	sity						
2) Department		High	er Educatio	on							
3) Physical Plan SBP Project		200									
4) Agency Prior	rity #	1				-					
5) Project Title		Repla	ice Det. M	echanic	al - V	TH Phase 1 of 5					
<b>B. FACILITY</b>	PROFIL	<u>E</u>				Mar Angel	alle de				
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Vet. Teaching Hosp.	3445	Main Campus	137,233	95,561	1979	Hospital or Infirmary	II-1HR	Satisfactory (CCHE1)	78.40	24/30/12	\$18,807,659
			137,233	95,561							\$18,807,659

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time.
  - Anticipated start date of a Facility Audit Survey

#### 200 Replace Det. Mechanical - VTH Phase 1 of 5

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The HVAC system in the Veterinary Teaching Hospital is 20 years old, and in need of replacement. Heating coils and cooling coils are corroded and leaking. Fan wheels are cracked, indicating the possibility of structural failure. Leaks in coils, expansion valves and capillary tubes result in losses of HCFC's.

Phase 1 builds the chiller building and installs the chiller. Phase 2 installs the chiller equipment and 1 RTU. Phase 3 installs 2 RTU's. Phase 3 installs 2 RTU's. Phase 4 installs 4 RTU's. Phase 5 installs 1 RTU & provides water & air balance.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$3,163,660

a) Unit Cost \$ 23.05 /GSF; OTHER: \_\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.1682

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

The system can no longer provide reliable heating, ventilation or air conditioning. Loss of heating, cooling and ventilation in this building can present serious health hazards for people and animals, especially in surgery and recovery areas.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building location has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

D. DETAILED COST ESTIMATE/BUDGET REQUEST

Prepared By Gary L. Daggett

## **Controlled Maintenance Project Phase Estimate**

200 Replace Det. Mechanical - VTH

Phase #: 1

Phase FY: 2001/02

Item	Description	83	l l	Qty	Unit	Unit Cost	Extended Cost
1 2	Chiller building Chiller	EA L8 AB	-	1,250 250	SF TON	\$62.50 \$562.50	\$78,125 \$140,625
	3600000000000	43	2		Subtota		\$218,750
			2				-10 D
					Conting	ency	\$21,875
					A/E Fee	S	\$411,974
					SBP Co	ete	\$5,110
						televinus	
					Phase T	otal	\$657,709

# **Controlled Maintenance Project Phase Estimate**

200 Replace Det. Mechanical - VTH

Phase #: 2 Phase FY: 2002/03

Item	Description	Qty	Unit	Unit Cost	Extended Cos
1	Cooling tower	250	Ton	\$151.75	\$37,938
2	Electrical	1	LS	\$35,625.00	\$35,625
3	Pump	1	EA	\$25,000.00	\$25,000
4	Piping, Insulation	1	LS	\$37,816.00	\$37,816
5	Controls	1	EA	\$25,000.00	\$25,000
6	RTU	1	EA	\$271,573.00	\$271,573
7	Structural Support	2	EA	\$9,375.00	\$18,750
8	Sheetmetal	2	EA	\$13,438.00	\$26,876
9	Electrical	2	EA	\$8,750.00	\$17,500
10	Water piping	2	EA	\$25,000.00	\$50,000
11		2	EA	\$12,500.00	\$25,000
12	Controls Millwright	2	EA	\$2,500.00	\$5,000
			Subtot	al	\$576,078
			Contin	gency	\$57,608

A/E Fees

SBP Costs Phase Total --

\$0

\$0

\$633,686

# **Controlled Maintenance Project Phase Estimate**

200 Replace Det. Mechanical - VTH

Phase #: 3

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Phase FY: 2003/04

Item	Description	Unit	00	Qty	Unit	Unit Cost	Extende	d Cost
1	RTU			2	EA	\$271,573.00	\$5/	3,146
2	Structural support			1	EA	\$9,375.00		9,375
3	Sheetmetal			1	EA	\$13,438.00		3,438
4	Electrical			1	EA	\$8,750.00		8,750
5	Water piping			1	EA	\$25,000.00		5,000
6	Controls			1	EA	\$12,500.00		2,500
7	Millwright			1	EA	\$2,500.00		2,500
	No subjects			113,405	CEM	\$0.33	\$33	124

Subtotal	\$614,709
Contingency	\$61,471
A/E Fees	\$0
SBP Costs	\$0
Phase Total	\$676,180

# **Controlled Maintenance Project Phase Estimate**

200 Replace Det. Mechanical - VTH

Phase #:

4

Phase FY: 2004/05

Item	Description	Jinti	70	Qty	Unit	Unit Cost	Extended Cost
841,046.1	RTU			2	EA	\$271,573.00	\$543,146
2	Structural support			1	EA	\$9,375.00	\$9,375
3	Sheetmetal			1	EA	\$13,438.00	\$13,438
4	Electrical			1	EA	\$8,750.00	\$8,750
5	Water piping			1	EA	\$25,000.00	\$25,000
6	Controls			1	EA	\$12,500.00	\$12,500
7	Millwright			1	EA	\$2,500.00	\$2,500
8	Sheatmela!	,		2	EA	Sector Sector	
					Subtota	l	\$614,709
					Conting	gency	\$61,471
					A/E Fe	es	\$0
					SBP Co	osts	\$0
					Phase 1	Total	\$676,180

# **Controlled Maintenance Project Phase Estimate**

200 Replace Det. Mechanical - VTH

Phase #: 5

Phase FY: 2005/06

Item	Description			Qty	Unit	Unit Cost	<b>Extended</b> Cost
1	RTU	M ay 03	May 02	1	EA	\$271,573.00	\$271,573
2	Structural Support			2	EA	\$9,375.00	\$18,750
3	Sheetmetal			2	EA	\$13,438.00	\$26,876
4	Electrical			2	EA	\$8,750.00	\$17,500
5	Water piping			2	EA	\$25,000.00	\$50,000
6	Controls			2	EA	\$12,500.00	\$25,000
7	Millwright			2	EA	\$2,500.00	\$5,000
8	Air balance			113,405	CFM	\$0.33	\$37,424
9	Water balance			1	LS	\$12,500.00	\$12,500
10	Glycol			905	GAL	\$8.86	\$8,018

\$472,641
\$47,264
\$0
\$0
\$519,905

Additional Cost of Physing

stal Dollar Amount of Placed Construction

#### 200 Replace Det. Mechanical - VTH Phase 1 of 5

#### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	то		
1. Predesign (Insert Dates)	July 01	Dec 01		
2. Design (Insert Dates)	Dec 01	May 02	(Landinghoad)	
3. Construction (Insert Dates)	May 02	May 03		
4. Project Close-out/Final Completion	May 03	July 03		

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	<u> </u>	
Date:	July 28, 2000		

#### **Agency Authorized Signature**

200 Replace Det. Mechanical - VTH Phase 1 of 5

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant	Fiscal Year	Phase of Work	Dollar Amount
<b>M#</b>	ID #			(Per Detailed Budget)
	200	2001/02	1	\$657,709

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	<b>Dollar Amount</b> (Per Detailed Budget)
	200	2002/03	2	\$633,686
	200	2003/04	3	\$676,180
	200	2004/05	4	\$676,180
	200	2005/06	5	\$519,905

\$3,163,660 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$3,163,660

### Facilities Audit Program Building Summary

Building Name:Vet. Teaching Hosp.Number:0555Construction Date:1979Gross Square Feet:137,233Net Square Feet:124,650Date of Audit:02/21/2000Cycle:3Phase:3No. of Stories:2Classification:M330Hospital,1-3StorySBP Class:41Hospital or Infirmary

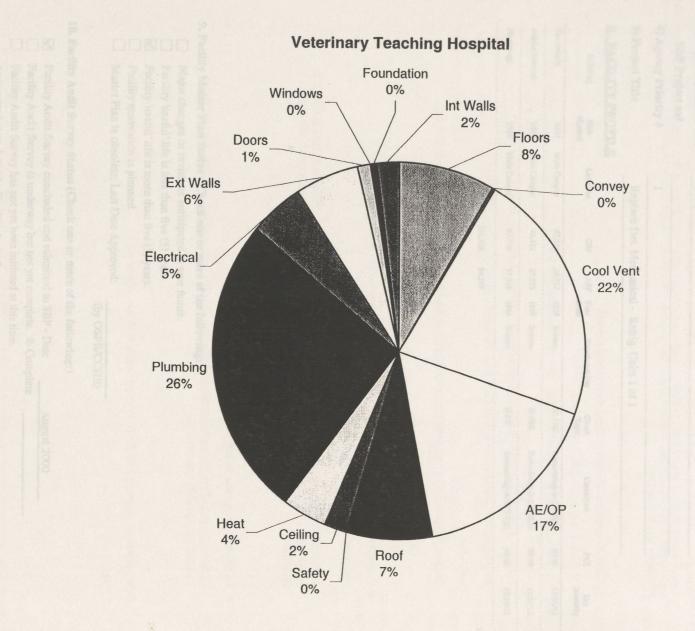
Replacement Cost:	\$14,195,526.00	Cost Per SF:	\$103.44	
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0300	0.02	0.0006	\$8,517.32
Ext Walls	0.1500	0.08	0.0120	\$170,346.31
Floors	0.1500	0.12	0.0180	\$255,519.48
Roof	0.4000	0.04	0.0160	\$227,128.41
Ceiling	0.1300	0.03	0.0039	\$55,362.55
Int Walls	0.0500	0.09	0.0045	\$63,879.86
Windows	0.0100	0.02	0.0002	\$2,839.11
Doors	0.1400	0.02	0.0028	\$39,747.47
Cool Vent	0.6700	0.07	0.0469	\$665,770.18
Heat	0.4200	0.02	0.0084	\$119,242.41
Plumbing	0.4000	0.14	0.0560	\$794,949.48
Electrical	0.1400	0.07	0.0098	\$139,116.16
Convey	0.0300	0.02	0.0006	\$8,517.32
Safety	0.0100	0.03	0.0003	\$4,258.66
AE/OP	0.1800	0.20	0.0360	\$511,038.95

Component Deficiency Total: 0.2160

Outstanding Maintenance:\$3,066,233.69Facilities Condition Index (FCI):78.40

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



Pacificer Build Program Building Senamory

Delling Name Ver, Taussee Kinds Minnler, 1935 Construction Date: 1935 Contri Square Peer 197,203 Net Square Peerl 19975 Den of Audit: 222112000 Conte: 1 Minder 5 ch. of Stories: 3 Contribution: 1000 Hospital, 10 Stories Spit Class: 41 Minutes of minuteses Replacement Contri \$18,199,529,00 Contribut \$2, 5105,54



Constitution ( Section Section Const.

PCI + (P-Commonent Deficiency Total) x 100

approver Aread Rading for AEIOP to the same of the component deficiencies of all other components

Finder, July 24, 2694

A. AGENCY B.	ASIC DA	TA:									
1) Agency		Color	ado State	Univers							
2) Department		High	er Educati	on		- Qi	y Un	is Lines Cos	hari		
3) Physical Pla	nt ID no.	2495				and general and	.7	L			
SBP Projec	t m#	bns have and	an S1-R of	in the site	emati	rain. Oldere syr	dg at Ikupi	tib notio ene atteu bi	18 ,91/28		
4) Agency Prio	ority #	1									
5) Project Title	e	Repla	ice Det. M	echanic	al - I	Refrig. Units 1 o	f 1				
B. FACILITY	PROFIL	<u> </u>						and the second second			
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Shepardson	3281	Main Campus	47,354	29,732	1939	Science	III-1HR	Remodeling-B(CCHE3)	60.89	12/25/12	\$5,206,141
Animal Sciences	3305	Main Campus	40,412	27,253	1959	Science	II-1HR	Remodeling-B(CCHE3)	59.39	12/25/12	\$4,442,960
Physiology	3336	Main Campus	64,740	37,310	1966	Science	II-FR	Remodeling-A(CCHE2)	66.60	12/25/12	\$7,908,554
		Deserve	152 506	94 295		ini not ne-y lea		a see al build line of a			\$17,557,655

(Describe)

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
   Facility Audit Survey has not yet been initiated at this time.
  - Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 2495 Replace Det. Mechanical - Refrig. Units 1 of 1

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

There are 16 walk-in coolers with refrigeration systems that are considerably past their 20 year life expectancy. Maintenance is excessive, and parts are often difficult to obtain. Olders systems are also R-12 refrigerant, and often leak. R-12 is now regulated and gas loss is prohibited by law. Systems should be replaced. This project repairs walk-in coolers and freezers in Animal Sciences, Physiology and Shepardson.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$529,157

a) Unit Cost $3 \xrightarrow{3.47}$ /GSF, UTIL	a)	Unit Cost \$	<u>3.47</u>	/GSF;	OTHER
--	----	--------------	-------------	-------	-------

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0301

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>Yes</u> Describe

project(s):

Primary electrical feeder and transformer for Physiology are being replaced as part of project 62-97.

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Systems will continue to deteriorate and leak, which will put the University in violation of state and federal regulations. Loss of cooler function also limits ability to conduct teaching labs and research in various programs.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for these buildings has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Project:2495Replace deteriorated refrigeration units in several buildingsPhase #:1Phase FY: 2001/02					
Item #	Description	Qty	Unit	Unit Cost	Extended Cost
1	Animal Sciences - mech. Units	7	EA	\$17,799.00	\$124,593
2	Animal Sciences - doors	12	EA	\$625.00	\$7,500
3	Animal Sciences - box & liner	1	EA	\$25,000.00	\$25,000
4	Animal Sciences - line set	1	EA	\$1,250.00	\$1,250
5	Animal Sciences - tile repair	1	EA	\$252.00	\$252
6	Physiology - mech. Units	2	EA	\$17,799.00	\$35,598
7	Physiology - doors	4	EA	\$625.00	\$2,500
8	Physiology - box & liner	4	EA	\$25,000.00	\$100,000
9	Shepardson - mech. Units	1	EA	\$17,799.00	\$17,799
10	Shepardson - doors	4	EA	\$625.00	\$2,500
11	Shepardson - box & liner	4	EA	\$25,000.00	\$100,000
			Subt	otal	\$416,992
			Cont	ingency	\$41,699
			A/E	Fees	\$68,804
			SBP	Costs	\$1,662

**Phase Total** 

\$529,157

# **Controlled Maintenance Phase Estimate**

#### 2495 Replace Det. Mechanical - Refrig. Units 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FROM	то
July 01	Dec 01
Dec 01	May 02
May 02	May 03
May 03	July 03
	July 01 Dec 01 May 02

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

Agency Authorized Signature

8.800 more and all and an analysis, facility impact, etc.) of not femaling and a. Canosectances (real efforts, program impacts, facility impact, etc.) of not femaling and 8.12 more from the constraint because it

Phase Total A start is second at any first and the first static feel for survivered at summer live second as it for the first out per sect takens on differ start one, solved takens to each surviver

. Additional information to appoint this request? (Denotice)

Projitics Andia Somenary alson and graph for topic buildings has here arounded in some his in a distance with Publics locations has term included.

Supplemental Short(s) Attached? (Photographs, electedats, usupa, ele-

Xe

2495 Replace Det. Mechanical - Refrig. Units 1 of 1

G. PROPOSED PHASING OPTIONS

T

Proj	Phys Plant	Fiscal Year	Phase of Work	Dollar Amount
<b>M#</b>	ID #	The Arrest		(Per Detailed Budget)
	2495	2001/02	1	\$529,157

\$529,157 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$529,157

### Facilities Audit Program Building Summary

Building Name: Animal Sci	ences	Number: 0110
Construction Date: 1959	Gross Square Feet: 40,412	Net Square Feet: 35,986
Date of Audit: 12/07/1998	Cycle: 3 Phase: 2 No. o	of Stories: 2
Classification: M150 Colle	ge, Laboratory SBP Cla	ass: 11 Science
Replacement Cost: \$4,47	1,184.00 Cost Per SF:	\$110.64

Reptacoment costi	¢.,,			
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0800	0.07	0.0056	\$25,038.63
Ext Walls	0.1300	0.06	0.0078	\$34,875.23
Floors	0.3000	0.07	0.0210	\$93,894.87
Roof	0.5000	0.06	0.0300	\$134,135.52
Ceiling	0.9000	0.03	0.0270	\$120,721.96
Int Walls	0.1500	0.09	0.0135	\$60,360.99
Windows	0.8000	0.02	0.0160	\$71,538.94
Doors	0.2500	0.02	0.0050	\$22,355.92
Cool Vent	0.3500	0.05	0.0175	\$78,245.72
Heat	0.8500	0.08	0.0680	\$304,040.49
Plumbing	0.5000	0.14	0.0700	\$312,982.88
Electrical	0.6300	0.07	0.0441	\$197,179.21
Convey	0.0100	0.01	0.0001	\$447.12
Safety	0.5000	0.02	0.0100	\$44,711.84
AE/OP	0.3356	0.21	0.0705	\$315,111.15

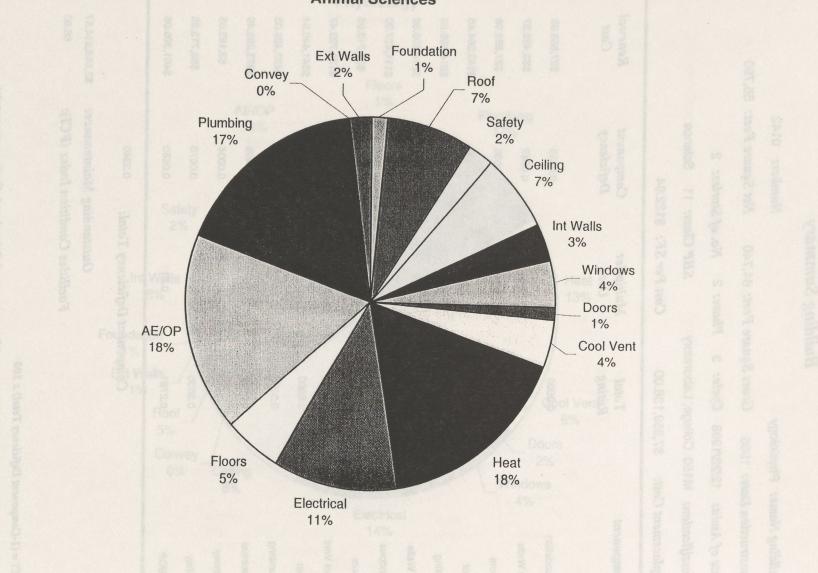
Component Deficiency Total: 0.4061

<b>Outstanding Maintenance:</b>	\$1,815,640.49
Facilities Condition Index (FCI):	59.39

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

# 



**Animal Sciences** 

#### **Facilities Audit Program Building Summary**

Building Name: Pr	nysiology				Numbe	r: 0142	
Construction Date:	1966	Gross Squar	re Feet:	64,740	Net Squ	are Feet:	55,790
Date of Audit: 12/2	28/1998	Cycle: 3	Phase:	2 No. o	of Stories:	2	
Classification: M1	50 Colleg	le, Laboratory	/	SBP Cla	<i>uss:</i> 11	Science	
Replacement Cost:	\$7,959	,136.00	Cost	Per SF:	\$122.94		

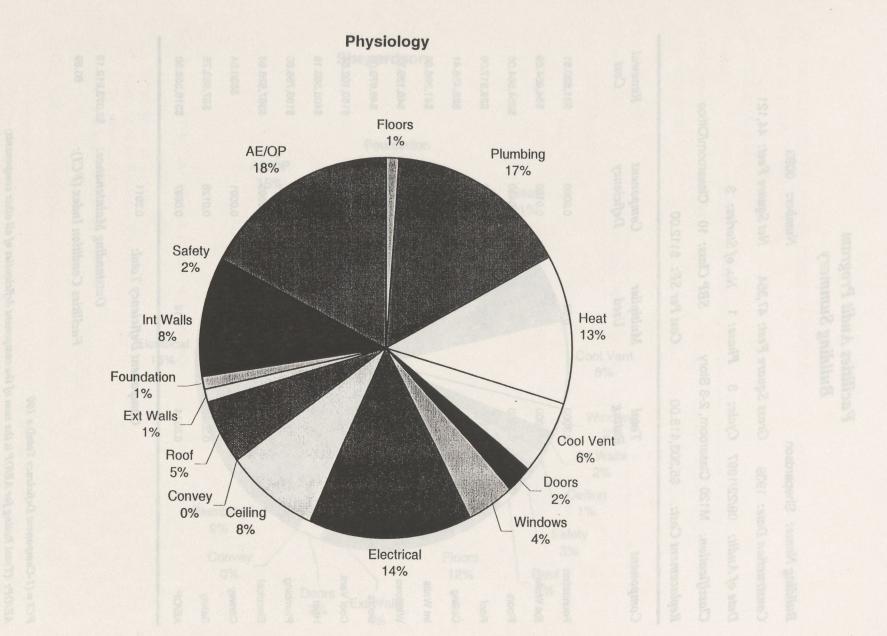
Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0500	0.07	0.0035	\$27,856.98
Ext Walls	0.0700	0.06	0.0042	\$33,428.37
Floors	0.0500	0.07	0.0035	\$27,856.98
Roof	0.3000	0.06	0.0180	\$143,264.45
Ceiling	0.9000	0.03	0.0270	\$214,896.66
Int Walls	0.3000	0.09	0.0270	\$214,896.69
Windows	0.7000	0.02	0.0140	\$111,427.90
Doors	0.3500	0.02	0.0070	\$55,713.95
Cool Vent	0.3300	0.06	0.0214	\$170,723.47
Heat	0.6600	0.06	0.0429	\$341,446.94
Plumbing	0.3800	0.14	0.0532	\$423,426.03
Electrical	0.6700	0.07	0.0469	\$373,283.49
Convey	0.0400	0.01	0.0004	\$3,183.65
Safety	0.3500	0.02	0.0070	\$55,713.95
AE/OP	0.2761	0.21	0.0580	\$461,395.08

0.3340 **Component Deficiency Total:** 

<b>Outstanding Maintenance:</b>	\$2,658,514.57
Facilities Condition Index (FCI):	66.60

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



Friday, July 36, 208

#### **Facilities Audit Program Building Summary**

Number: 0093 Building Name: Shepardson Gross Square Feet: 47,354 Net Square Feet: 44,121 Construction Date: 1939 Date of Audit: 09/22/1997 Cycle: 3 Phase: 1 No. of Stories: 3 Classification: M120 Classroom, 2-3 Story SBP Class: 10 Classroom/Office Cost Per SF: \$112.00

\$5,303,418.00

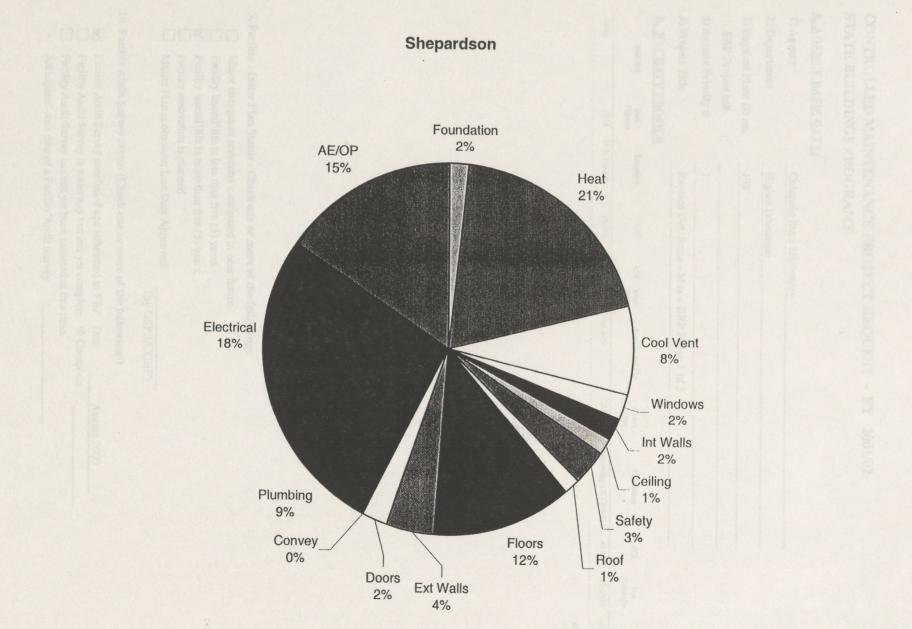
**Replacement Cost:** 

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.3000	0.02	0.0060	\$31,820.51
Ext Walls	0.4000	0.04	0.0160	\$84,854.69
Floors	0.4000	0.12	0.0480	\$254,564.06
Roof	0.1000	0.05	0.0050	\$26,517.09
Ceiling	0.1200	0.04	0.0048	\$25,456.41
Int Walls	0.1300	0.06	0.0078	\$41,366.66
Windows	0.2900	0.03	0.0087	\$46,139.73
Doors	0.2200	0.04	0.0088	\$46,670.08
Cool Vent	0.5000	0.06	0.0300	\$159,102.54
Heat	0.7000	0.11	0.0770	\$408,363.18
Plumbing	0.5300	0.07	0.0371	\$196,756.80
Electrical	0.6300	0.11	0.0693	\$367,526.86
Convey	0.0100	0.01	0.0001	\$530.34
Safety	0.3200	0.04	0.0128	\$67,883.75
AE/OP	0.3314	0.18	0.0597	\$316,359.50

0.3911 **Component Deficiency Total:** 

> **Outstanding Maintenance:** \$2,073,912.19 Facilities Condition Index (FCI): 60.89

FCI = (1-Component Deficiency Total) x 100 AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)



nangara anakangupanan Badalar Salahary

Halling scene: Schoolinger Constructed Date: 1970 Constitution Plan 47.344 Notifipeer Fort and 51 Date of Audi: 00.2217557 Control Plan 17.344 Not of Service 3 Classification: M120 Contention, 3-3 Story SEP Class: 10 Contention/Office Replacement Cost: #5.900/19935 Cont for SP: \$112.05



Section Condition Index (PCT)

FCI = (I-Component Deficiency Famil) 2 III

APJOP: (Tural Racing for AE/OP is the sum of the component deficiencies of all other components

In INGLIVET D	TIOLO DI	ATR.									
1) Agency		Color	ado State	Univers	sity			A CARL			
2) Department	Highe	er Educatio	on								
3) Physical Plant ID no.		199									
SBP Projec	t m#										
4) Agency Price	4) Agency Priority #										
5) Project Title	е	Repla	ce Det. Ite	ems - M	lusic ]	BRP Phase 1 of 3	3				
<b>B. FACILITY</b>	PROFIL	<u> </u>									
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Music	3224	Main Campus	38,195	18,016	1927	Fine Arts	III-N	Remodeling-C(CCHE4)	44.86	12/25/12	\$3,732,587
			38,195	18,016							\$3,732,587

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

A. AGENCY BASIC DATA:

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Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time.
   Anticipated start date of a Facility Audit Survey

#### 199 Replace Det. Items - Music BRP Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

All systems in this building are 73 years old and well beyond their life cycle. The heating system will no longer heat the building properly, and the plumbing, electrical and fire alarm systems do not meet code. The skylights leak and are beyond repair. Wood windows are single glazed and the exterior of the frames and sashes has dry rot. Flooring is badly deteriorated and tiles contain asbestos.

Phase 1 replaces skylights, windows, flooring, fire alarm system and ceiling tiles. Phase 2 replaces the electrical and plumbing systems. Phase 3 replaces the heating system.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1.913.038

a)	Unit Cost \$	<u>50.09</u>	/GSF;	<b>OTHER:</b>	
----	--------------	--------------	-------	---------------	--

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_\_0.5125
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

The building is a high usage facility for teaching, practicing, and performances, and major system failures cause interruptions to classes and building activities. Further deterioration will make the building unusable.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building location has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Project:	199 Re	place	deterior	ated items in the	Music building			
Phase #:	• 1	1	Phase F	Y: 2001/02	2002/03			
Item #	Description	indi	Unit	QU	Qty	Unit	Unit Cost	Extended Cost
1.4.11	Replace casement with	ndows	EA		168	EA	\$410.00	\$68,880
2	Replace 5'x8' DH wind	dows			15	EA	\$1,025.00	\$15,375
3	Replace 4' radius wind	dows			15	EA	\$2,485.63	\$37,284
4	Replace skylights				320	SF	\$97.92	\$31,334
5	Replace ceiling tiles				24,500	SF	\$1.61	\$39,425
6	Replace carpet				900	SY	\$30.98	\$27,882
7	Replace VAT				6,250	SF	\$3.32	\$20,750
8	Fire alarm panel				1	EA	\$3,736.00	\$3,736
9	Detectors				154	EA	\$229.00	
10	Wiring				7,790	LF	\$1.50	\$35,266
11 📷	Horn/strobe				156	EA	\$177.00	\$11,685
					100	Subto		\$27,612
							ngency	\$319,230 \$31,923
						A/E F		
						ALL	CC3	\$249,153

**SBP** Costs

**Phase Total** 

\$2,863

\$603,169

# **Controlled Maintenance Phase Estimate**

Phase #:	2	Phase FY	7: 2002/03	2002/02	(A shadd		1 :4 see
Item #	Description	tin nit	- mg	Qty	Unit	Unit Cost	Extended Cost
1	MDP & feeder	EA 541	्यं	1	EA	\$21,114.00	\$21,114
2	Sub panels & feede	rs		4	EA	\$24,856.00	\$99,424
3	Panels & feeders			7	EA	\$10,625.00	\$74,375
4	Branch circuits			14,661	LF	\$5.15	\$75,504
5	Lights			498	EA	\$275.00	\$136,950
6	Piping demolition			15,498	LF	\$1.98	\$30,686
7	DCW & DHW piping	,		15,498	LF	\$9.30	\$144,131
8	DWV piping			1,155	LF	\$29.00	\$33,495
					Sub	total	\$615,680
		let Costracting T			Con	tingency	\$61,568
					A/E	Fees	\$0
					SBF	Costs	\$0
					Pha	se Total	\$677,248

# **Controlled Maintenance Phase Estimate**

Project: 199

Replace deteriorated items in the Music building

Scalations before that to support this request? (Distribut

Perifica Acelo, o porteto o or end scopi for the perificit has providente. Acessiante de rectifica increixen has been topicse :

School and an and a state (a) A Rock of T (This set) (which all reaches, state (a) (a)

# **Controlled Maintenance Phase Estimate**

Project:	199	Replace	deteriorated items	in the Music	building			
Phase #	: 3	ee Det. Liens	Phase FY: 2003/04	4				
Item #	Descripti	on	OPTIONS	n) 000000000	Qty	Unit	Unit Cost	Extended Cost
1	Piping demo	olition	Internet		5,405	LF	\$1.98	\$10,702
2	Radiator de	molition			213	EA	\$422.00	\$89,886
3	Heat exchar	nger			1	EA	\$40,000.00	\$40,000
4	Pumps				2	EA	\$7,083.00	\$14,166
5	Piping w/ ins	sulation			5,405	LF	\$51.40	\$277,817
6	Unit ventilate	ors			213	EA	\$603.00	\$128,439
7	Temperature	e controls			1	LS	\$14,100.00	\$14,100
						Subt	total	\$575,110
				Physics of W		Con	tingency	\$57,511
						A/E	Fees	\$0
						SBP	Costs	\$0
						Phas	e Total	\$632,621

Additional Cest of Physics

otal Dollar Amount of Pliased Construction

(Prior, Current and Future Phases)

199 Replace Det. Items - Music BRP Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	М ТО
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	May 02
3. Construction (Insert Dates)	May 02	May 03
4. Project Close-out/Final Completion	May 03	July 03

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

Agency Authorized Signature

199 Replace Det. Items - Music BRP Phase 1 of 3

G. PROPOSED PHASING OPTIONS

	T PHASE REQUES				
Proj Phys Plant M# ID #		Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	199	2001/02	1	\$603,169	
231.56				\$603,169 (subtotal)	
		800.0 A 1			
FUIURE	PHASING				

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	199	2002/03	2	\$677,248
	199	2003/04	3	\$632,621
				\$1.309.869 (subtotal)

\$1,913,038 (subtotal)

tional Cost of Phasin	g	-	\$0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,913,038

## Facilities Audit Program Building Summary

Building Name: Music	<i>Number:</i> 0046
Construction Date: 1927	Gross Square Feet: 38,195 Net Square Feet: 26,718
Date of Audit: 09/15/1999	Cycle: 3 Phase: 3 No. of Stories: 3
Classification: M120 Class	sroom, 2-3 Story SBP Class: 13 Fine Arts
Replacement Cost: \$3,746	6,586.00 Cost Per SF: \$98.09

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2700	0.02	0.0054	\$20,231.56
Ext Walls	0.2000	0.04	0.0080	\$29,972.69
Floors	0.4500	0.12	0.0540	\$202,315.63
Roof	0.6000	0.05	0.0300	\$112,397.59
Ceiling	0.3500	0.04	0.0140	\$52,452.20
Int Walls	0.2000	0.06	0.0120	\$44,959.03
Windows	0.6000	0.03	0.0180	\$67,438.55
Doors	0.3500	0.04	0.0140	\$52,452.20
Cool Vent	0.5100	0.02	0.0102	\$38,215.18
Heat	0.9300	0.15	0.1395	\$522,648.77
Plumbing	0.8000	0.07	0.0560	\$209,808.82
Electrical	0.8700	0.11	0.0957	\$358,548.28
Convey	0.0500	0.01	0.0005	\$1,873.29
Safety	0.2500	0.04	0.0100	\$37,465.86
AE/OP	0.4673	0.18	0.0841	\$315,140.35

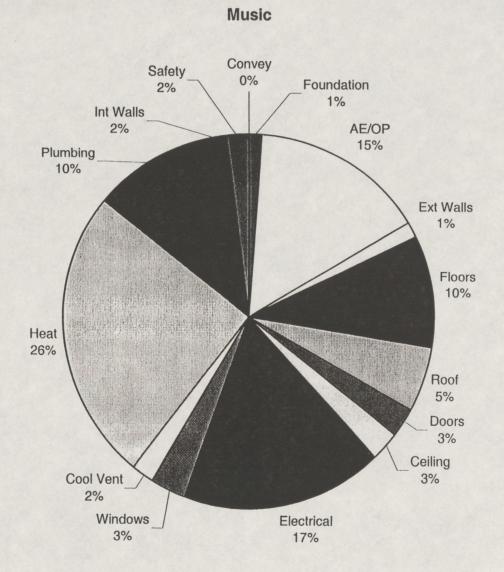
Component Deficiency Total: 0.5514

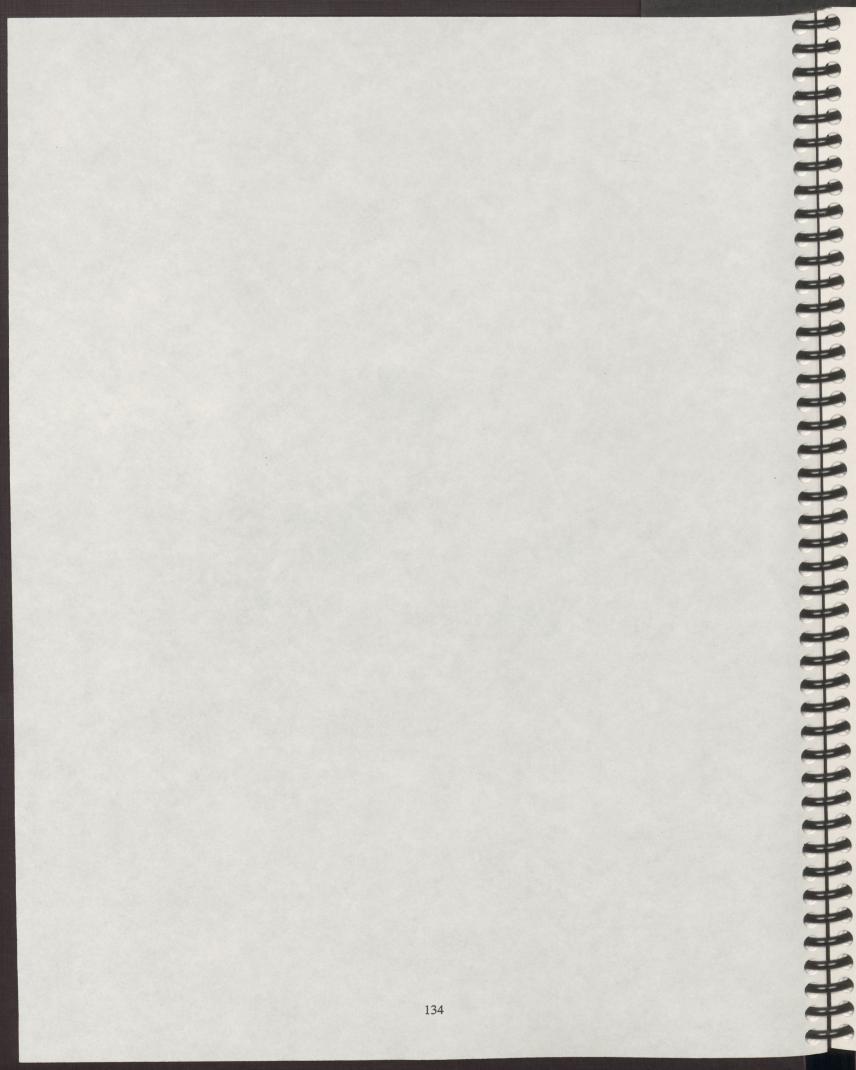
Outstanding Maintenance:\$2,065,920.04Facilities Condition Index (FCI):44.86

FCI = (1-Component Deficiency Total) x 100

AE/OP: (Total Rating for AE/OP is the sum of the component deficiencies of all other components)

# 





# CONTROLLED MAINTENANCE PROJECT REQUESTS

# **PRIORITY 2**

FY 2001/02

#### A. AGENCY BASIC DATA:

1) Agency		Colora	do State I	Univers	sity						
2) Department		Higher	Educatio	n	1						
3) Physical Pla SBP Projec		201									
<ul><li>4) Agency Priority #</li><li>5) Project Title</li></ul>	2										
	e	Utility	LRP - Ste	eam &	Conde	nsate - North Li	ne Phase 1	of 3			
<b>B. FACILITY</b>	PROFILE	ar form				and the same	2.5				
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Site/Utility	0		0	and the second s			N/A	A stand		24/30/12	\$33,985
			0								\$33,985

9. Facility Master Plan Status - Check one or more of the following:

]	Major	changes	or	revisions	anticipated	in	near	future.
---	-------	---------	----	-----------	-------------	----	------	---------

- Facility 'useful' life is less than five (5) years. ~
  - Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

L

Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP - Date
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 201 Utility LRP - Steam & Condensate - North Line Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The steam and condensate lines are over 50 years old, and were designed for 20 PSI steam pressure. These lines will be replaced with piping designed for 60 PSI steam to match the rest of the campus system.

Phase 1 replaces 1/3 of the line. Phase 2 replaces 1/3 of the line. Phase 3 completes the project.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,389,756

a) Unit Cost \$ /GSF; OTHER: \_\_\_\_/\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_40.8932

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe

project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

A failure in this line would result in a loss of heat to 8 buildings. Conversion to 60 PSI steam results in greatly improved heating efficiency.

5. Additional information to support this request? (Describe)

A campus map indicating the location of this project has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

201 Utility LRP - Steam & Condensate - North Line Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FROM	1 TO	
July 02	Dec 02	
Dec 02	May 03	
May 03	May 04	
May 04	July 04	
	July 02 Dec 02 May 03	July 02Dec 02Dec 02May 03May 03May 04

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Total Duffer America of Phased Construction (News) and Parameters

9. Facility Master Fing Staing - Chuds one or more of the following:

- Major changes or revisions entitionted in near finner
- Facility useful life is lass than five (5) years.
- Paolity useful life is more than five (5) years
- Pacifity removation is classed
- J Master Plan is obsolete: Last Date Approved

thy OSPERCIES

6. Facility Audit Sorvey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Andlt Survey is untilivery but not yet complete. % Complete
- Facility Andit Survey has not yet been initiated at this time

201 Utility LRP - Steam & Condensate - North Line Phase 1 of 3

G. PROPOSED PHASING OPTIONS

FUTURE I	PHASING			
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
2 Yous D	201	2002/03	1	\$463,252
	201	2005/06	2	\$463,252
	201	2006/07	3	\$463,252
				\$1,389,756 (subtotal)

\$1,389,756 (subtotal)

Additional Cost of Phasing

\$0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,389,756

### A. AGENCY BASIC DATA:

1) Agency	Colorado State University
2) Department	Higher Education
3) Physical Plant ID no.	3297
SBP Project m#	Casta Hot many peakers need by the realistic and a second state of the second state of the second second second
4) Agency Priority #	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

5) Project Title

Replace Det. Plumbing Items Phase 1 of 2

#### **B. FACILITY PROFILE**

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Hartshorn Health Center (HHC)	3207	Main Campus	39,169	23,031	1964	Hospital or Infirmary	II-1HR	Satisfactory (CCHE1)	78.40	24/30/12	\$4,806,420
Shepardson	3281	Main Campus	47,354	29,732	1939	Science	III-1HR	Remodeling-B(CCHE3)	60.89	12/25/12	\$5,206,141
Animal Sciences	3305	Main Campus	40,412	27,253	1959	Science	II-1HR	Remodeling-B(CCHE3)	59.39	12/25/12	\$4,442,960
Willard O. Eddy Hall	3308	Main Campus	69,457	37,469	1963	Classroom/Office	II-FR	Satisfactory (CCHE1)	74.13	12/25/12	\$5,938,907
Anatomy-Zoology	3337	Main Campus	148,437	100,662	1973	Science	II-FR	Remodeling-A(CCHE2)	77.32	12/25/12	\$18,214,675
Chemistry	3339	Main Campus	168,037	102,867	1971	Science	II-FR	Satisfactory (CCHE1)	71.87	12/25/12	\$24,630,326
Gifford	3343	Main Campus	92,278	59,453	1975	Science	II-1HR	Satisfactory (CCHE1)	76.67	12/25/12	\$7,610,683
Lake St. Greenhouses	3359	Main Campus	19,398	17,625	1949	Science	V-N	Remodeling-C(CCHE4)	58.75	12/25/12	\$1,184,748
Engr. Res. Center	3557	Foothills Campus	149,915	113,789	1962	Engineering	II-1HR	Remodeling-A(CCHE2)	72.62	8/25/12	\$18,314,111

774,457 511,881

\$90,348,971

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

V

Master Plan is obsolete; Last Date Approved:

### (by OSPB/CCHE)

### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
- □ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 3297 Replace Det. Plumbing Items Phase 1 of 2

### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Leslie Hot Water heaters need to be replaced at A/Z, Eddy, Gifford, and Student Health. Chemistry building waste lines are contaminated with mercury and other hazardous materials. Waste lines need to be replaced at Animal Sciences and Gifford. DHW & DCW piping needs to be replaced at ERC, Lake Street Greenhouses, and Shepardson. Water lines are corroded and leaking.

Phase 1 replaces Leslie water heaters, cleans waste lies at Chemistry and replaces water lines at the Lake St. Greenhouse. Phase 2 replaces water piping at ERC and replaces waste and vent lines at Animal Science and Gifford.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$976.508

a) Unit Cost \$ 1.26 /GSF; OTHER: \_\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0108

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe

project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Water piping at ERC is under sized, corroded and leaking, with leaks causing interruptions to classes and research. Leaking or corroded DWV, DCW, & DHW can become health hazards to building occupants if not corrected.

### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for these buildings has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

3297 Replace Det. Plumbing Items Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

1. Predesign (Insert Dates) July 02 Dec 02	
2. Design (Insert Dates) Dec 02 May 03	
3. Construction (Insert Dates) May 03 May 04	
4. Project Close-out/Final Completion May 04 July 04	

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	-
Date:	July 28, 2000	-

**Agency Authorized Signature** 

Additional Cost of Phase

h Pacinity heaster Plan Station - Check one of more of the following

- Major charges of revisions appropried in new for
- The line we will be all a first the second second
- Facility method life is more than five (Systems
- Perillev represention is elauned
- J Master Plan is absolute: Law Dite Amotored

Triot. Current and Future Phases)

OSPINOCHEL

. Facility Andit Survey Status (Chick one or store of the following:)

- Enclinty Audit Garvey concluded and informed to SBP Dig
- Je Facility Audit Survey is underway but not yet couplete. % Control
- Facility Ander Survey has not yet been included at dus time.
- Anticipated start date of a Facility And Survey

3297 Replace Det. Plumbing Items Phase 1 of 2

#### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	3297	2001/02	1	\$488,254

Proj Phys Plant Fiscal Year Phase of Work Dollar A	
M# ID # (Per Detailed	and the second
3297 2002/03 2 \$488	254

\$976,508 (subtotal)

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**NONDOND** 

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**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$976,508

### A. AGENCY BASIC DATA:

**NUNN** 

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1) Agency		Color	ado State	Univers	sity						
2) Department	:	Highe	er Educatio	on							
3) Physical Pla SBP Projec		704	704								
4) Agency Price		2	2								
5) Project Title	е	Repla	Replace Epoxy Flooring - Painter 1 of 1								
<b>B. FACILITY</b>	PROFIL	<u> </u>									
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Painter Center	3338	Main Campus	31,139	12,688	1980	Science	II-1HR	Satisfactory (CCHE1)	84.34	24/30/12	\$3,357,815
			31,139	12,688							\$3,357,815

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

V

Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

10. Facility Audit Survey Status (Check one or more of the following:)

August 2000

- Facility Audit Survey concluded and submitted to SBP Date
   Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time.
   Anticipated start date of a Facility Audit Survey

### 704 Replace Epoxy Flooring - Painter 1 of 1

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Epoxy flooring is coming loose from the concrete subfloor. Areas with exposed concrete absorb water and bacteria and the flooring deteriorates further.

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<u>ALLELETETTETETET</u>

This project replaces the epoxy flooring in the Painter Center.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$243,007

a) Unit Cost \$ 7.80 /GSF; OTHER: \_\_\_\_\_/\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_\_0.0724

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe

project(s):

Old flooring needs to be removed, the concrete subfloor must be dried, sterilized and new epoxy flooring installed.

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

<u>Trapped bacteria in the subfloor presents a safety hazard to employees and lab animals. The facility may lose it's ALAC accreditation and may need to be closed until the problem is resolved.</u>

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

704 Replace Epoxy Flooring - Painter 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FROM	ТО	
July 02	Dec 02	
Dec 02	May 03	
May 03	May 04	
May 04	July 04	
	July 02 Dec 02 May 03	July 02         Dec 02           Dec 02         May 03           May 03         May 04

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Additional Cost of Phasing

Total Dollar America of Phased Construction

(Prior, Correct and Potters Phases)

Facility Master Plan Staties - Check due or more of the following:

- Major changes or revisions atticipated in near fature
- Facility useful his is less than five (5) years.
  - Famility bacto? life is more then five (5) years.
- L. Facility renovation is plauned.
- Muster Plan is obtolete; Last Date Approved:

(by OSPB/CCHE)

W. Facility Audit Survey Status (Check one or more of the following:)

- Pacility Audit Survey concluded and cubic-lited to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- bill Eacility Audit Survey has not yet been initiated at this un

704 Replace Epoxy Flooring - Painter 1 of 1

G. PROPOSED PHASING OPTIONS

. or or drug	PHASING					
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)		
2. Totel f	704	2002/03	1	\$243,007		
a) Uni	t Cost 5 7,80			\$243,007 (subtotal)		

\$243,007 (subtotal)

\$0

**Additional Cost of Phasing** 

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$243,007

of Supplemental Shoel(s) Attached? (Phylographic, Supplemental Marking, and

1) Agency		Colora	do State L	Jniversity				en antipatrica	
2) Department	:	Higher	Education	n	a new to provide the			1. Narrait	
3) Physical Pla	nt ID no.	1800	ere men		PRO	Magneting	in monda refere	artimitation a	
SBP Projec		St. Artigita	T. Martines	vietmack	Kolmut naisd a	i dotro de la	ta tuo enuto tar	CFC atrices	
4) Agency Pric		2		D	ec 02	Mey (	13		
5) Project Title	e	Chilled	d Water Lo	oop Phase 1	of 5	May (	M		
B. FACILITY	PROFILE								
Building	Risk Mgmnt	Location	GSF	ASF Year Built	Functional Use	Const Type	Condition	FCI Use Intensity	Value
Site/Utility	0		0		OTHER:	N/A	ost \$	24/30/12	\$6,034,000
			0		scy / Fadility B	Cast Delicies	Total Project (	*TO% (d	\$6,034,000

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- □ Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

22Y

- 10. Facility Audit Survey Status (Check one or more of the following:)
  - Facility Audit Survey concluded and submitted to SBP Date
  - Facility Audit Survey is underway but not yet complete. % Complete
  - Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

1800 Chilled Water Loop Phase 1 of 5

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Installation of a central chilled water system to most of the buildings on Main Campus. This project is to be coordinated with the CFC refrigerant phase out project which is being funded separately.

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Phase 1 installs 4600 LF of piping. Phase 2 builds an addition to the chilled water plant. Phase 3 installs a 2,000 ton chiller in the addition. Phase 4 installs an additional 4600 LF of piping. Phase 5 installs an additional 2,000 ton chiller and removes

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$7,927.735

a) Unit Cost \$ /GSF; OTHER: \_\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = <u>1.3138</u>

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

The central chilled water system is being installed to replace R-11 & R-12 refrigerants. This project provides reliability to the system by creating a loop sytem, as well as providing cooling to additional buildings.

Additional information to support this request? (Describe)	
A campus map indicating the location of these buildings has been included.	
) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)	
Yes	

1800 Chilled Water Loop Phase 1 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	OM	то	
1. Predesign (Insert Dates)	July 02	Dec 02		
2. Design (Insert Dates)	Dec 02	May 03	onicense	
3. Construction (Insert Dates)	May 03	May 04	13.00.09	
4. Project Close-out/Final Completion	May 04	July 04		

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	man
Date:	July 28, 2000	Same

**Agency Authorized Signature** 

Facility Montes Fine Statiff (1950 Educe or more of the following

C1 Melor changes or revisions or printing in year fatore

The Parelley Septimizes a less than five (1) years

M. Haddiny houfs? He is more than five (5) years

Facility renovation in clances

Mester Plan is closedelic Last Dite Apotoved

AN DSPB/CCHED

in Facility Autor Sarray Status (Charis and or third of the failure (app)

Pacifiery Audit Survey concluded and submitted to ShP - Date

J. Faculty Awar, Survey Reander way but not yet complete. We Complete

J Paulity Apple Survey his not yet been initiated in this sin.

Anticipated start date of a Facility Audit Corvey

1800 Chilled Water Loop Phase 1 of 5

G. PROPOSED PHASING OPTIONS

RE PHASING			
Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
1800	2002/03	1	\$1,585,547
1800	2003/04	2	\$1,585,547
1800	2004/05	3	\$1,585,547
1800	2005/06	4	\$1,585,547
1800	2006/07	5	\$1,585,547
ing requested in th	se current fiscal yes	ir for this facility?	\$7,927,735 (subtota
	Phys Plant ID # 1800 1800 1800 1800 1800	Phys Plant ID #         Fiscal Year           1800         2002/03           1800         2003/04           1800         2004/05           1800         2005/06           1800         2006/07	Phys Plant ID #         Fiscal Year         Phase of Work           1800         2002/03         1           1800         2003/04         2           1800         2004/05         3           1800         2005/06         4

\$7,927,735 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$7,927,735

### A. AGENCY BASIC DATA:

1) Agency		Colora	do State I	Univers	ity						
2) Department	:	Higher	Educatio	n							
3) Physical Pla SBP Projec		400			-				_		
4) Agency Price	ority #	2									
5) Project Title	е	Replac	e Det. Ite	ms - M	ilitary	Science Annex	BRP 1 of	f 1			
<b>B. FACILITY</b>	PROFIL	<u>,E</u>									
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Military Annex	3284	Main Campus	6,730	5,552	1927	Classroom/Office	III-N	Remodeling-C(CCHE4)	28.08	8/25/12	\$411,040
			6,730	5,552							\$411,040

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

### (by OSPB/CCHE)

August 2000

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
  - Facility Audit Survey is underway but not yet complete. % Complete
- □ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 400 Replace Det. Items - Military Science Annex BRP 1 of 1

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

This project replaces the heating and electrical systems, doors, windows, ceilings and primary electrical service.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$415,564

a) Unit Cost \$ 61.75 /GSF; OTHER: \_\_\_\_\_/\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 1.0110

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

400 Replace Det. Items - Military Science Annex BRP 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	M TO	
1. Predesign (Insert Dates)	July 02	Dec 02	
2. Design (Insert Dates)	Dec 02	May 03	
3. Construction (Insert Dates)	May 03	May 04	
4. Project Close-out/Final Completion	May 04	July 04	
	A Character Character and Street		

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency** Authorized Signature

Additional Cost of Phasing

Tetel Deflar Amount of Phased Centraciton (Price, Canent and Patane Phases)

A Facility Master Fish Status - Chick one or more of the following:

- Minjor changes or revisions anticipated in near future.
- . Facility useful life is less fitze five (3) years.
- 6 Facility 'useful' life is more than five (5) year
- J Padility renovation is planned.
- Master Plan is obsoleter, Last Date Approved.

(by OSPRICCRE)

I. Passility Audit Survey Status (Chack one or more of the following:)

- 2 Pacifity Audit Survey concluded and submitted to SBP Date
- Pacifity Audit Survey is underway but not yet complete. 3 Com
- Patriny Anda, Survey has not yet been initialed at this tir
- Anticipated start date of a Pacility Audit Survey

400 Replace Det. Items - Military Science Annex BRP 1 of 1

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
2. Total Pi	400	2002/03	1	\$415,564
a) Unit	Cont 5 6	28 /GSP; OTU	(B)	\$415,564 (subtot
-6) FC3				

Additional Cost of Phasing

\$0

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**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$415,564

Additional falormetion to support that requires adverters

Sections Incomendate August Including

annotemental Specific Atlached? (Phone subs. Sedicies, maps, sic

A. AGENCY BA	SIC DATA:						
1) Agency		Colorado	State Universit	у	and man	STRATED BRACE	
2) Department		Higher Ed	lucation		Aldona Maria	anital second sector	
3) Physical Plant	D no.	602	un tel segurat es	#8.03	Ail heaved air		
SBP Project	n#	a D.del		They us	Dec 02		
4) Agency Priori	ty #	2			May 03		
5) Project Title		Replace D	et. Roofing 1 c	of 2	May 04		
<b>B. FACILITY P</b>	ROFILE	an/Pinai Co	mpistion	May 04	Auty 04	er succession 1 s	
Building	Risk Lo Mgmnt	ocation		Year Functional Use Built	Const Type	Condition FCI	Use Value Intensity

Auditorium Gymnasium	3209	Main Campus	272,354	170,644	1966	Physical Education	II-FR	Satisfactory (CCHE1)	62.54	12/30/12	\$26,736,393
Pathology	3330	Main Campus	58,902	36,501	1976	Science	II-FR	Satisfactory (CCHE1)	83.22	12/25/12	\$6,447,713
			331,256	207,145		and averaged in	alos I a	Capital Canacente	e there i	ak it	\$33,184,106

4. Consequences (cost effects, program impacts, fadility impact, etc.) of not funding an justification for this specific program request:

Damage to articente and interior finishes will continue. Programs within these buildings will be distri-

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

### 10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date

August 2000

- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

602 Replace Det. Roofing 1 of 2

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Roofing on these buildings is beyond life expentancy and can no longer be repaired.

Phase 1 replaces roofing on Pathology. Phase 2 replaces roofing on the Auditorium Gymnasium.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,380,381

a) Unit Cost \$ 4.17 /GSF; OTHER: \_\_\_\_\_/\_

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0416
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Damage to structure and interior finishes will continue. Programs within these buildings will be disrupted.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

tatus (Check and or more of the followings)

### 602 Replace Det. Roofing 1 of 2

#### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	DM TO	
1. Predesign (Insert Dates)	July 02	Dec 02	
2. Design (Insert Dates)	Dec 02	May 03	
3. Construction (Insert Dates)	May 03	May 04	
4. Project Close-out/Final Completion	May 04	July 04	

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

(Prior, Current and Future Physics)

. Pacificy Master Plan Maine . Check one or more of the following:

- Major changes or revisions anticipated in near lature.
- Pacificy baselus' and its less than from (5) sears
- Pauloty useful life is more than first ("Ween
- Paulity renovation is planted.
- J Master Plan is obsolete: Last Date Approximit

ON ON PERCENCE

it. Pacifility A will Survey Status (Check one of these of the Evidentiage)

- P. Facility Audit Survey conclusion and a brained to TBF class No.
- 1. Phillip Andi Surrey's validar by six yes complete. 'S Complete
- J Facility Audul Survey has not yet have believe ut this time.
- Anticipated was date of a Facility Audit Solver

### 602 Replace Det. Roofing 1 of 2

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget	
	602	2003/04	1 1 3 3 3 3	\$429,981	
e) Unit	602	2004/05	2	\$950,400	PPROVA
b) FCP	(Total Project Co	st Deliciency / Fad	Ety Replacement Vi	\$1,380,381	(subtotal)

and a second second

**Additional Cost of Phasing** 

\$0

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### Consequences (cost effects, program impacts, fooibity impact, ste.) of not funding a instification for this specific program remarks

### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,380,381

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, skatches, maps, etc

#### A. AGENCY BASIC DATA:

8181818181818181818181

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1) Agency	Colorado State University
2) Department	Higher Education
3) Physical Plant ID no. SBP Project m#	301
4) Agency Priority #	2
5) Project Title	Replace Fire Alarms Phase 1 of 3

### **B. FACILITY PROFILE**

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Andrew G. Clark	3276	Main Campus	254,792	137,254	1967	Classroom/Office	II-FR	Remodeling-A(CCHE2)	68.33	12/25/12	\$21,785,939
Microbiology	3310	Main Campus	65,664	40,705	1968	Science	II-1HR	Satisfactory (CCHE1)	80.49	12/25/12	\$8,021,731
Central Rec. Storage	3324	Main Campus	5,245	4,872	1927	Physical Plant Service	V-N	Remodeling-C(CCHE4)	72.70	24/30/12	\$128,259
Central Rec. Storage	3328	Main Campus	4,042	3,738	1975	Physical Plant Service	V-N	Satisfactory (CCHE1)	80.94	24/30/12	\$54,300
Physiology	3336	Main Campus	64,740	37,310	1966	Science	II-FR	Remodeling-A(CCHE2)	66.60	12/25/12	\$7,908,554
Visual Arts	3341	Main Campus	91,997	71,132	1973	Fine Arts	II-1HR	Satisfactory (CCHE1)	77.64	12/25/12	\$7,336,604
Animal Disease Lab	3652	Foothills Campus	8,775	4,971	1960	Science	V-N	Remodeling-A(CCHE2)		8/25/12	\$857,532
Hughes Stadium	3682	Foothills Campus	40,867	23,144	1968	Other Auxiliary Enterpr	V-N	Remodeling-A(CCHE2)	73.24	4/4/4	\$15,045,215

536,122 323,126

\$61,138,134

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

August 2000

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time.
   Anticipated start date of a Facility Audit Survey

### 301 Replace Fire Alarms Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Fire alarm systems in these buildings are obsolete, and replacement parts are no longer available.

Phase 1 replaces alarms in Microbiology and Physiology. Phase 2 replaces alarms in Clark. Phase 3 replaces alarms in Visual Arts, Hughes Stadium, Animal Disease Lab, and both Central Receiving storage buildings. ---

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,393,135

a) Unit Cost \$ 2.60 /GSF; OTHER: \_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0228

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Fire alarm systems may fail, creating a serious safety hazard to building occupants.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheets and graphs for these buildings has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

301 Replace Fire Alarms Phase 1 of 3

#### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	ТО
1. Predesign (Insert Dates)	July 02	Dec 02
2. Design (Insert Dates)	Dec 02	May 03
3. Construction (Insert Dates)	May 03	May 04
4. Project Close-out/Final Completion	May 04	July 04

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Additional Cost of Phaning

Fotal Dollar Amount of Phreed Construction

(Prior, Correct and Fature Phases)

Facility Master Plan Status - Ubeck one or more of the following:

Major changes of revisions anticipated in near future.

Fecility 'asofal' life is less then five (5) years.

Facility 'useful' life is more then five (5) years.

Facility reportation is plarmed.

Muster Plan is obsolete: Last Date Approved

ON OSPBACCHE)

0. Feeliky Audit Survey Status (Check one or more of the following:)

Pacifity Audit Survey concluded and submitted to SBP - Date

J Pacifity Audit Survey is underway but not yet complete. % Complete

Facility Audit Survey has not yet been initiated at this time

#### 301 Replace Fire Alarms Phase 1 of 3

G. PROPOSED PHASING OPTIONS

FUTURE	PHASING				
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget	)
	301	2003/04	1	\$478,241	
	301	2005/06	2	\$574,556	
(A) Upp	301	2006/07	3	\$340,338	
D) FLE	CERCENT F. LONGER CONC			\$1,393,135	(subtotal)

\$1,393,135 (subtotal)

\$0

**Additional Cost of Phasing** 

#### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,393,135

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a) Dennet		TT: -1	T. de serie								
2) Department	_	HASE	r Educatio	on	34537	MONSTROM CON	pidor't h	Begenpiton of Cl			
3) Physical Plant		397		ione col	2152.	in colorolasti i	na dia 1923	grand statisticate bior	85 100		
SBP Project n			en leointe en	The ele	(1999) 1999	team heating cite	a odi vilisi oto oto oto	na sveteme nætički o obtain Svetemere	<u>ibligd y</u> a sidiza		
4) Agency Priorit	ty #	2									
5) Project Title		Replac	ce Det. Ite	ems - G	uggen	heim BRP Phas	e 1 of 2	Citi	Trees & a		
<b>B. FACILITY P</b>	ROFIL	<u>E</u>									
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Guggenheim Hall	3228	Main Campus	16,735	10,049	1910	Instructional Shop	III-N	Remodeling-A(CCHE2)	43.29	12/25/12	\$1,430,946
		0.7089	16,735	10,049					1.11	0	\$1,430,946
		bes paibas in unschedel									
		bas gabau i to unschedul nee the buil \$									
		bes gaiber to erechedel soc the ball s									
		in unschedul									
9. Facility Maste		Status - Checl	k one or 1	more of	the f	collowing:					
Major ch	anges o	Status - Checl or revisions an	k one or i ticipated :	more of	the f	collowing:					
Major ch Facility '	anges o useful'l	Status - Checl or revisions and life is less than	k one or 1 ticipated : 1 five (5) ;	more of in near r years.	the f	collowing:					
Major ch Facility	anges o useful'! useful'!	Status - Checl or revisions an	k one or i ticipated : n five (5) ; an five (5)	more of in near r years.	the f	collowing:					
<ul> <li>Major ch</li> <li>Facility <sup>3</sup></li> <li>✓ Facility <sup>3</sup></li> <li>✓ Facility r</li> </ul>	anges o useful'l useful'l renovati	Status - Check or revisions and life is less than life is more that	k one or i ticipated : i five (5) ; an five (5)	more of in near n years. ) years.	<b>t the f</b>	°ollowing: 2.	program douge vi s program s and co oloited				
<ul> <li>Major ch</li> <li>Facility <sup>3</sup></li> <li>Facility <sup>1</sup></li> <li>Facility <sup>1</sup></li> <li>Master P</li> </ul>	anges o useful' l useful' l renovati lan is o	Status - Checl or revisions and life is less than life is more that on is planned. bsolete; Last I	k one or 1 ticipated : 1 five (5) ; an five (5) Date Appr	more of in near r years. ) years. roved:	the f future	following: 2. 2. 2. 3.	program douge vi s program s and co oloited				
<ul> <li>Major ch</li> <li>Facility <sup>3</sup></li> <li>✓ Facility <sup>3</sup></li> <li>✓ Facility r</li> </ul>	anges o useful' l useful' l renovati lan is o	Status - Checl or revisions and life is less than life is more that on is planned. bsolete; Last I	k one or 1 ticipated : 1 five (5) ; an five (5) Date Appr	more of in near r years. ) years. roved:	the f future	following: 2. 2. 2. 3.	program douge vi s program s and co oloited				
<ul> <li>Major ch</li> <li>Facility <sup>3</sup></li> <li>Facility <sup>4</sup></li> <li>Facility <sup>4</sup></li> <li>Facility <sup>4</sup></li> <li>Master P</li> </ul> 10. Facility Audit ✓ Facility A	hanges of buseful'l buseful'l renovati Plan is o t <b>Surve</b> Audit S	Status - Check or revisions am life is less than life is more that on is planned. bsolete; Last I y Status (Check urvey conclude	k one or i ticipated : i five (5) ; an five (5) Date Appr ock one or ed and su	more of in near n years. ) years. roved: r more o bmitted	to SH	following: 5. y OSPB/CCHE) e following:)	Augu				

### 397 Replace Det. Items - Guggenheim BRP Phase 1 of 2

### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This 85 year old building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

Phase 1 replaces the electrical and heating systems. Phase 2 repairs masonry and replaces windows, flooring, and exterior doors.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,014,379

a) Unit Cost \$ 60.61 /GSF; OTHER: \_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.7089

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks. This building should be preserved and application has been made to place the building on the State Historical Register.

### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

397 Replace Det. Items - Guggenheim BRP Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FR	ом то	
July 02	Dec 02	
Dec 02	May 03	
May 03	May 04	
May 04	July 04	
	July 02 Dec 02 May 03	July 02         Dec 02           Dec 02         May 03           May 03         May 04

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Additional Cost of Passing

Total Lollar Amount of Phaced Construction

Facility Master Fish Status - Check one or more of the following:

- Major changes or revisions untreipated in user forure
- Pacifity insoful life is least than five (5) years.
- Facility biseful life is more than five (5) years.
- Facility renovation is planned.
- . Messer Plan is choolene Last Date Approved

(ha OSPE/CORE)

h, Facility Audit Survey Status (Charls one or pare of the followings)

- M Facility Audu Survey canological and submitted to SBP Dat
- Facility Audit Survey is suderway but not yet complete. If Centre
- Paulity Audis Spreev has not yet been initiated at this a Anticipated start date of a Paulity, Andii Survey

### 397 Replace Det. Items - Guggenheim BRP Phase 1 of 2

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	397	2003/04	down) 5 1 11.014.3	\$540,098
	397	2004/05	2	\$474,281

\_\_\_\_\_\$1,014,379 (subtotal)

**Additional Cost of Phasing** 

\$0

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### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,014,379

o supplemental Sheet(s) Allached? (Photographs, mesches, maps, do

### A. AGENCY BASIC DATA:

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1) Agency			Colorado State University								
2) Department		H	ligher Educati	on							
<ol> <li>3) Physical Plant ID no. SBP Project m#</li> <li>4) Agency Priority #</li> <li>5) Project Title</li> </ol>			2					_			
											Replace Det. Items - Military Science BRP 1 of 1
			<b>B. FACILITY</b>	PROFIL	<u>E</u>			8			
Building	Risk Mgmnt	Locati	on GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Military Sciences	3282	Main Camp	us 13,814	9,582	1927	Classroom/Office	III-1HR	Remodeling-A(CCHE2)	48.75	12/25/12	\$1,181,199
			13,814	9,582							\$1,181,199

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

August 2000

### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- ☐ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey \_\_\_\_\_

### 1000 Replace Det. Items - Military Science BRP 1 of 1

### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building is over 70 years old. Heating, plumbing and electrical systems are original, and are badly deteriorated. Ceilings, interior walls and doors need major repairs. The foundation has settled and masonry walls need tuckpointing.

This project repairs masonry and replaces the heating, electrical and plumbing systems. It also replaces exterior doors, ceilings and sewer line.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$621,376

a) Unit Cost \$ 44.98 /GSF; OTHER: \_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.5261

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Building will continue to deteriorate with interruptions to classes due to outages.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building location has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

1000 Replace Det. Items - Military Science BRP 1 of 1

### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FR	OM TO	
July 02	Dec 02	
Dec 02	May 03	
May 03 May 04		
May 04	July 04	
	July 02 Dec 02 May 03	July 02         Dec 02           Dec 02         May 03           May 03         May 04

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Additional Cost of Phasing

Fotal Dollar Amount of Planeed Construction (Frice, Current and Putnee Planes)

Passing Manner Flan Status - Check can at more of the infinition

- blacks chapters or revisions anticipated in new future
- Pacific) hashed life it lets than five (5) years.
- Facility liseful life it more than five (5) verses
- Basico consumption in alanced
- Meant Plan is obsolete: Last Date Approved

(by OSPENCCERE)

E FARMER Andre Survey Status (Chack one of more of the following))

- Profile Partit Survey concluded and submitted to SBP Date
- The Sy shall Survey is anderway but not yes complete. % Cample
- Parally would harvey has not yet been initiated at this hine.
- Automatic stars date of a Facility Audit Survey

1000 Replace Det. Items - Military Science BRP 1 of 1

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	1000	2004/05	1	\$621,376
				\$621,376 (subtota

\$621,376 (subtotal)

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**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$621,376

i. Additional information to contrors this request? (Describe)

Facilities Audit Summery shoe and grach for did building has been strached. A capacity dam industrie the building logation has been makeded

h) Supplemental Sueet(#) AtlantiedT (Photographs, shektors, maps, sie.

A. AGENCY BASIC DAT	ГА:					
1) Agency	Colorad	lo State Univer	sity		C. INTRO-	
2) Department	Higher	Education			A New York	
3) Physical Plant ID no. SBP Project m#	1600	automit	the start of the s	territe and bring below to re-	The main time	
4) Agency Priority #	2		Dec 02	May 03		
5) Project Title	Replace	e Sanitary Sewe	ers - Basin C Phase 1	of 3		
B. FACILITY PROFIL	E	men Physica	a and to EVL sposides. May 04	search analyze off to EAL 2 Puty 04	Phase I replece	
Building Risk Mgmnt	Location	GSF ASF	Year Functional Use Built	Const Condition Type	FCI Use Intensity	Value
Site/Utility 0	di la come e	0		N/A	24/30/12	\$3,964,000
		0				\$3.964.000

\$3,964,000

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- ~ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

1600 Replace Sanitary Sewers - Basin C Phase 1 of 3

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The main line is overloaded and has significant ground water infiltration.

Phase 1 replaces 1/3 of the system. Phase 2 replaces 1/3 of the system. Phase 3 replaces the remaining 1/3 of the system.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1.863.648

a) Unit Cost \$ /GSF; OTHER: \_\_\_\_/\_\_\_

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.4701
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The system will surcharge and building sewers will back up.

- 5. Additional information to support this request? (Describe) A campus map indicating the location of ths project has been included.
- b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.) Yes

6. Fedlity Audit Survey Status (Check one or more of the followings)

172

1600 Replace Sanitary Sewers - Basin C Phase 1 of 3

### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	ТО
1. Predesign (Insert Dates)	July 02	Dec 02
2. Design (Insert Dates)	Dec 02	May 03
3. Construction (Insert Dates)	May 03	May 04
4. Project Close-out/Final Completion	May 04	July 04

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

gates of to see Central Possible

Total Delity Amount of Phased Construction

(Prior, Current and Future Phases)

Parilly Muster Plan States - Check one or more of the falls way

- Major changes of revealors anticipated in easy fatore.
- Buildy each! life is less that five (6) years
- Parility method life to more than flow (5) years
- Encline constraints is standard.
- A Manes Plan is chubicter Last Date & conver

a Facility angli Survey Galaxy (Chieck and as more of the fideo argue

- 7 Terliny Audit Survey conducted and a dimitted in SMF Date
- Techny Auffe Survey is underway but not yet coordinal. S. Complete
- Particly Andia Survey has not yet been initiated a this me.
- Activities and descala Restiny Audit Survey

# 1600 Replace Sanitary Sewers - Basin C Phase 1 of 3

### G. PROPOSED PHASING OPTIONS

FUTURE	PHASING			
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	1600	2004/05		\$621,216
	1600	2005/06	2	\$621,216
b) FC	1600	2006/07	3	\$621,216
				\$1,863,648 (subtotal)

\$1,863,648 (subtotal)

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Additional Cost of Phasing	\$0
A CANADA A PROPERTY AND A CANADA A CANA	

### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,863,648

) Supplemental Should) Atlachud? (Photographs, skuiches, unps, esc

#### A. AGENCY BASIC DATA:

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1) Agency		Color	ado State	Univers	ity						
2) Department		Highe	Higher Education								
3) Physical Plant ID no. SBP Project m#		802	802								
4) Agency Prio	ority #	2	2								
5) Project Title	Repla	ce Ductwo	ork - Ph	ysiol	ogy Phase 1 of 3						
<b>B. FACILITY</b>	PROFIL	<u>E</u>									
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Physiology	3336	Main Campus	64,740	37,310	1966	Science	II-FR	Remodeling-A(CCHE2)	66.60	12/25/12	\$7,908,554
			64,740	37,310							\$7,908,554

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

### (by OSPB/CCHE)

August 2000

### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
  - Facility Audit Survey is underway but not yet complete. % Complete
- ☐ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey \_\_\_\_\_

#### 802 Replace Ductwork - Physiology Phase 1 of 3

### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Ductwork throuhgout the building contains large amounts of dirt and insects. Interior duct liner is too dirty to be cleaned. Phase 1 installs hydronic piping. Phase 2 includes demolition, fan repair, and installation of variable frequency drives, ductwork and temperature controls. Phase 3 installs VAV boxes and provides air and water balance.

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2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,705,854

a) Unit Cost \$	26.35	/GSF;	<b>OTHER:</b>	/

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.2157
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Research is affected by the lack of clean air. Poor indoor air quality may be affecting the health of building occupants.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

802 Replace Ductwork - Physiology Phase 1 of 3

### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	OM TO
1. Predesign (Insert Dates)	July 02	Dec 02
2. Design (Insert Dates)	Dec 02	May 03
3. Construction (Insert Dates)	May 03	May 04
4. Project Close-out/Final Completion	May 04	July 04

#### F. AGENCY APPROVAL

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Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

### 802 Replace Ductwork - Physiology Phase 1 of 3

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	802	2004/05	1	
	802 802		1	\$670,332
	802 802	2005/06 2006/07	2	\$643,845 \$391,677

\$1,705,854 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$1,705,854

# CONTROLLED MAINTENANCE PROJECT REQUESTS

# **PRIORITY 3**

FY 2001/02

A. AGENCY BASIC	DATA:						
1) Agency	Colorado	o State Unive	rsity	11 (PL 45%)	Lawren	C. INTEGRATIO PROCENS	
2) Department	Higher H	Education				I. Narrothe Dimension of C	
3) Physical Plant ID	no. <u>102</u>	art martine	a first too	1 100 C	na Latterationalisti	Biam and annotation and lines at	
SBP Project m#	a (lasert Peses)		Maleri	03	Hart Black	Beading Aylesword, Hell and B	
4) Agency Priority #	3		Dect	13	May (	M	
5) Project Title	Utility L	RP - Durward	d & Ayle	sworth Steam	Lines Phase	1 of 1	
<b>B. FACILITY PRO</b>	FILE						
Building Ris Mgr		GSF AS	F Year Built	Functional Use	Const Type	Condition FCI Use Intensity	Value
Site/Utility (		0	neon (gel)	cy / Facility I	N/A	24/30/12	\$33,985,000
		0					\$33,985,000
	65						
0 Easility Master Di	Status Chasks		£ 4h a £all				
9. Facility Master Pla	es or revisions antic			lowing:			
	ul'life is less than fi		Tuture.				
	al' life is more than	five (5) years					
	vation is planned.	ups, etc.)					
Master Plan	s obsolete; Last Dat	e Approved:	(by O	SPB/CCHE)	-		
10. Facility Audit Su	vey Status (Check	one or more					
Facility Audi	t Survey concluded	and submitte	d to SBP	- Date			
Facility Audi	t Survey is underwa			waterstand.	;		
	t Survey has not yet			ime.			
Anticipated s	tart date of a Facilit	y Audit Surve	ey				

### 102 Utility LRP - Durward & Aylesworth Steam Lines Phase 1 of 1

### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Stam and condensate lines at Aylesworth Hall and Durward Hall are failing. This project replaces steam and condensate lines feeding Aylesworth Hall and Durward Hall.

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2. Total Project Cost Estimate (From Cost Breakdown) \$ \$468,792

a) Unit Cost \$ /GSF; OTHER:/	/GSF; OTHER://
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- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0138
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Long term failure of steam lines during winter can cause freezing of water lines and evacuation of buildings.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

102 Utility LRP - Durward & Aylesworth Steam Lines Phase 1 of 1

### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FR	OM TO	
July 03	Dec 03	
Dec 03	May 04	
May 04	May 05	
May 05	July 05	
	July 03 Dec 03 May 04	July 03         Dec 03           Dec 03         May 04           May 04         May 05

#### F. AGENCY APPROVAL

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Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Additional Cost of Phasing

Total Dollar Amount of Phased Construction

(Friet, Cartesi and Funite Finance)

A Facility Master Pian Status - Check one or norre of the following:

- Major changes or revisions amicipated in near fetur
- Facility useful life is ites than five (5) years
- Pacifity useful life is more than five (5) years.
- Master Plan Is obsolete: Lest Date Aboroved

V OSPBACCHED

6. Facility Audit Survey Status (Check one or more of the following:)

- 7 Facility Audit Survey concluded and admitted to SBP Data
- Facility Audit Survey is underway but not yet complete %
- Facility Audit Survey has not yet been initiated at this tit
- Anticipated start date of a Facility Audit Survey

102 Utility LRP - Durward & Aylesworth Steam Lines Phase 1 of 1

### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
2. 1.0021 	102	2004/05	1	\$468,792
				\$468,792 (subtota

Additional Cost of Phasing

\$0

\$468,792 (subtotal)

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$468,792

n) Supplanettal Sheerig Advicted? (Phytographs, shekthes, maps, sto

1) Agency		Colora	ado State	Univers	sity						
2) Department	t	Highe	r Educatio	on			<u></u>	CINCALO MALANCI.	LOGICAL		
3) Physical Pla	ant ID no.	698						on to there are a set of the	WINCTISPI		
SBP Projec	et m#		0.300.2015			, 198 IN IL 12910 .	dentes Ba	Phone and the second	is bui <del>nin</del> istestos		
4) Agency Prio	ority #	3			Dea	: 03					
5) Project Title	e	Replac	ce Det. Ite	ems - Sł	heparc	lson BRP Phase	e 1 of 3	y 05			
B. FACILITY	PROFIL	E	<u>n s shihri</u> Ganadaan	aousi a		ore MOA search	191.019121 191.019121	sagidin Niq add asaa	inter i sea		
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Shepardson	3281	Main Campus	47,354	29,732	1939	Science	III-1HR	Remodeling-B(CCHE3)	60.89	12/25/12	\$5,206,14
			47,354	29,732			e Delicter	(Total Project Co	NOT G		\$5,206,1
					ill,						
		thes gitiben									
		ara of out of									
	ster Plan S	itatus - Check	k one or n	nore of	the fo	ollowing:					
Major	ster Plan S changes or	Status - Check r revisions and	k one or n ticipated in	nore of n near f	the fo	ollowing:					
Facility	ster Plan S changes or y 'useful' li	<b>Status - Check</b> r revisions and fe is less than	<b>k one or n</b> ticipated in 1 five (5) y	nore of n near f rears.	the fo	ollowing:					
<ul> <li>☐ Major</li> <li>☐ Facility</li> <li>✓ Facility</li> </ul>	s <b>ter Plan S</b> changes or y 'useful' li y 'useful' li	<b>Status - Check</b> r revisions and ife is less than ife is more tha	k one or n ticipated in 1 five (5) y an five (5)	nore of n near f rears.	the fo	ollowing:					
<ul> <li>☐ Major</li> <li>☐ Facility</li> <li>☑ Facility</li> <li>☐ Facility</li> </ul>	ster Plan S changes or y 'useful' li y 'useful' li y renovatio	<b>Status - Check</b> r revisions and fe is less than	k one or n ticipated in a five (5) y an five (5)	nore of n near f /ears. years.	the fo	ollowing:					
<ul> <li>☐ Major</li> <li>☐ Facility</li> <li>☑ Facility</li> <li>☐ Facility</li> </ul>	ster Plan S changes or y 'useful' li y 'useful' li y renovatio	Status - Check r revisions and ife is less than ife is more that on is planned.	k one or n ticipated in a five (5) y an five (5)	nore of n near f /ears. years.	the fo	ollowing:	program i program a to défen es to défen es and ani thides,				

Facility Audit Survey is underway but not yet complete. % Complete

Facility Audit Survey has not yet been initiated at this time.
 Anticipated start date of a Facility Audit Survey

### 698 Replace Det. Items - Shepardson BRP Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building is 60 years old. Mechanical, electrical and plumbing systems are original, and are badly deteriorated. Pipe insulation is asbestos.

Phase 1 replaces the plumbing system, removes ACM pipe insulation, builds a new mechanical room and repairs masonry. Phase 2 replaces the heating system. Phase 3 replaces the electrical system.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1.968.088

a) Unit Cost \$ 41.56 /GSF; OTHER: \_\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.3780

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Building systems will continue to deteriorate with disruptions to classes and labs due to outages.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building location has been included.

#### b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

698 Replace Det. Items - Shepardson BRP Phase 1 of 3

#### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	и то
1. Predesign (Insert Dates)	July 03	Dec 03
2. Design (Insert Dates)	Dec 03	May 04
3. Construction (Insert Dates)	May 04	May 05
4. Project Close-out/Final Completion	May 05	July 05

### F. AGENCY APPROVAL

<u>CORRECTERENCE CORRECTERCERCECCECCECCECCE</u>

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

698 Replace Det. Items - Shepardson BRP Phase 1 of 3

# G. PROPOSED PHASING OPTIONS

Proj	Phys Plant	Fiscal Year	Phase of Work	Dollar Amount
<b>M#</b>	ID #			(Per Detailed Budget)
	698	2005/06	1	\$617,314
	698	2006/07	2	\$797,031
	698	2007/08	3	\$553,743

\$1,968,088 (subtotal)

\$0

**Additional Cost of Phasing** 

### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,968,088

	A	AGEN	CY	BASIC	DATA:
--	---	------	----	-------	-------

1) Agency	Colorado State University
2) Department	Higher Education
3) Physical Plant ID no.	1100
SBP Project m#	building overlages, particularly the strang beating system. The electrical averence is unbridge
4) Agency Priority #	3
5) Project Title	Replace Det. Items - Animal Science BRP Phase 1 of 2
<b>B. FACILITY PROFILE</b>	

	Mgmnt				Built		Туре	-		Intensity	
Animal Sciences	3305	Main Campus	40,412	27,253	1959	Science	II-1HR	Remodeling-B(CCHE3)	59.39	12/25/12	\$4,442,960
			40,412	27,253							\$4,442,960

. Consequences (cost effects, progress inpacts, facility impact, etc.) of not funding and justification for this specific progress requests

Building a ill continue to deteriorate with interruptions to claimes and labs due to unscheduled outpets and isains.

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

w.V

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time.
   Anticipated start date of a Facility Audit Survey

### 1100 Replace Det. Items - Animal Science BRP Phase 1 of 2

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

Phase 1 replaces the electrical and heating systems. Phase 2 completes the architectural work.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,770,518

a) Unit Cost \$ 43.81 /GSF; OTHER: \_\_\_\_\_/

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.3985
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit,

Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks.

#### 5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

#### b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

1100 Replace Det. Items - Animal Science BRP Phase 1 of 2

## E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FRO	M TO	
July 03	Dec 03	
Dec 03	May 04	
May 04	May 05	
May 05	July 05	
	July 03 Dec 03 May 04	July 03         Dec 03           Dec 03         May 04           May 04         May 05

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	aggett
Date:	_July 28, 2000	

**Agency Authorized Signature** 

Auditional Cost of Phasing

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

Finding Master Firs Make of Sidely set or more of the following:

- Major changes of teribases encicipated in near future.
- Facility bachil bleve bast than five (5) years.
- Facility insetio life is show than five (5) years
- Facility reproducts to admined.
- Minter Plup is physican Last Date Approved:

(by OSPB/CCHE)

it having and faring finite (Clerk one or more of the following)

- Section And Server modulated and submitted to SBP Date
- . Particle Andre Schney is abderway has not yet complete. % Complete
- The Particle a world Survey has not yet been initiated at this time
- Aphalphini whit data of a Pacility Audit Survey

### 1100 Replace Det. Items - Animal Science BRP Phase 1 of 2

### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	1100	2005/06	1	\$606,733
	1100	2006/07	2	\$686,802
b) FC	1100	2007/08	3	\$476,983
				\$1,770,518 (subtotal

\_\_\_\_\_\$1,770,518 (subtotal)

**Additional Cost of Phasing** 

\$0

#### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,770,518

)) Supplemental Shiet(s) Altached? (Photographe, shetches, maps, etc

### A. AGENCY BASIC DATA:

1) Agency	Colorado State U	Jniversity		
2) Department	Higher Education	n		
3) Physical Plant ID no.	703	and and an a rate for an a fight of the		and have been an appretty
SBP Project m#	sert Dates)	July 63	Light Charles	
4) Agency Priority #	3			
5) Project Title	Repair Utilities -	Pingree Park Phase 1 of 1	May-03	
<b>B. FACILITY PROFILE</b>	outilities Consist	ion May 05	toki es	

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- ~ Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

### (by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
- ~ Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

### 703 Repair Utilities - Pingree Park Phase 1 of 1

### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Utilities are old and beyond life expectancy.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$512,500

a) Unit Cost \$ /GSF; OTHER: \_\_\_\_/\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Failure of utilities could close facilities.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)	

0. Facility Audit Survey Status (Check one or more of the followin

Fadility Audit Survey concluded and solutited to SBP - I

Facility Audit Survey is underway but not yet complete. % Complete

Facility Andri Survey has not yet been initiated at this time.

703 **Repair Utilities - Pingree Park Phase 1 of 1** 

#### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	то
1. Predesign (Insert Dates)	July 03	Dec 03
2. Design (Insert Dates)	Dec 03	May 04
3. Construction (Insert Dates)	May 04	May 05
4. Project Close-out/Final Completion	May 05	July 05
·		

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

### 703 Repair Utilities - Pingree Park Phase 1 of 1

G. PROPOSED PHASING OPTIONS

FUTURE	PHASING				
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	703	2005/06	1	\$512,500	
				\$512,500 (	subtotal

\$512,500 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$512,500

2) Department Higher Education											
3) Physical Plan	nt ID no.	900									
SBP Project	: <b>m</b> #	(Insert Daves)				otato virus bil icin	9 ect ciri	and a replaces high	sery. Phil		
4) Agency Prior	rity #	3									
5) Project Title		Plant C	Growth L	RP - Ins	sectar	ry, Potato Virus P	hase 1 of	f 2			
B. FACILITY	PROFIL	E	Completi	198022		Vite Manuell and	Server 1	Ax OS	Louis Loto		
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Insectary	3296	Main Campus	4,313	3,879	1967	Science	II-1HR	Satisfactory (CCHE1)	70.60	12/25/12	\$421,480
Weed Research Laboratory	3298	Main Campus	17,329	15,125	1970	Science	Ш-N	Satisfactory (CCHE1)	64.66	12/25/12	\$1,481,73
			21,642	19,004						1.6.1.	\$1,903,223
		bas gailer									
		bas gailer									
		bas paiben									
9. Facility Mast	ter Plan 1										
Major o	changes o	Status - Check	<b>c one or n</b> icipated i	nore of n near f	the f	`ollowing:					
Major of Facility	changes o 'useful'	Status - Check or revisions ant life is less than	s one or n icipated i five (5) y	nore of n near f	the f	`ollowing:					
<ul><li>☐ Major of</li><li>☐ Facility</li><li>✓ Facility</li></ul>	changes o / 'useful' ] / 'useful' ]	Status - Check or revisions ant life is less than life is more tha	s one or n icipated i five (5) y	nore of n near f	the f	following:					
<ul> <li>Major of</li> <li>□ Facility</li> <li>✓ Facility</li> <li>□ Facility</li> </ul>	changes o ' 'useful' ] ' 'useful' ] ' renovati	Status - Check or revisions ant life is less than	t one or n icipated i five (5) y n five (5)	nore of n near f years. years.	the f	following:					
<ul> <li>Major of</li> <li>□ Facility</li> <li>✓ Facility</li> <li>□ Facility</li> </ul>	changes o ' 'useful' ] ' 'useful' ] ' renovati	Status - Check or revisions ant life is less than life is more that ion is planned.	t one or n icipated i five (5) y n five (5)	nore of n near f years. years.	the f	following:					
<ul> <li>Major of</li> <li>Facility</li> <li>✓ Facility</li> <li>✓ Facility</li> <li>Master</li> </ul>	changes o / 'useful' l / 'useful' l / renovati Plan is o	Status - Check or revisions ant life is less than life is more that ion is planned. bsolete; Last D	<b>c one or n</b> icipated i five (5) y n five (5) Date Appro	nore of n near f years. years. oved:	the f future	following: 2.					
<ul> <li>Facility</li> <li>Facility</li> <li>Facility</li> <li>Master</li> </ul>	changes of 'useful'l 'useful'l renovati Plan is o lit Surve Audit Si	Status - Check or revisions ant life is less than life is more that ion is planned. bsolete; Last D y Status (Chec urvey conclude	t one or n icipated i five (5) y n five (5) Date Appro ck one or cd and sub	nore of n near f years. years. oved: more o pmitted	(by to SE	following: v OSPB/CCHE) following:) 3P - Date	Augus				
<ul> <li>Major of Facility</li> <li>Facility</li> <li>Facility</li> <li>Master</li> </ul> 0. Facility Audion Facility Facility	changes of 'useful'l' 'useful'l' renovati Plan is o lit Surve Audit St Audit St	Status - Check or revisions ant life is less than life is more that ion is planned. bsolete; Last D y Status (Chec urvey conclude	a one or n icipated i five (5) y n five (5) Date Appro- ck one or ed and sub way but no	nore of n near f years. years. oved: more of pmitted ot yet c	to SE oomplo	following: v OSPB/CCHE) following:) 3P - Date ete. % Complete	Augus				

### 900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Greenhouses are deteriorated and are not able to meet the research needs of the department. Phase 1 replaces items in the Insectary. Phase 2 replaces items in the Potato virus building.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$604.069

a) Unit Cost \$ 27.91 /GSF; OTHER: \_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.3174

- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Necessary research cannot be conducted in these facilities.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	ТО	
1. Predesign (Insert Dates)	July 03	Dec 03	
2. Design (Insert Dates)	Dec 03	May 04	
3. Construction (Insert Dates)	May 04	May 05	
4. Project Close-out/Final Completion	May 05	July 05	

# F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

Additional Cost of Phasing

Cotal Dallar Amount of Phased Countraction

(Prior. Current and Fundto Phases)

Pacifity Manter Flan Stellas - Check one or since of the followings

- Major charges or servisions anticipated in perr latore
- Facility useful life is loss than five (5) years
- Facility useful life is more than five (5) year
- Facility repovation is planned
- Mustin Plan is absolute: Last Date American

ON OSPECCION

the Particity Audit Gurvey Status (Check one or more of the following)

- Patility Audit Survey concluded and subsected to SEP . ]
- . Pacifity Ap.51 Survey is understay but anyte semilerer 5 C
- Encluy Audio Sucher has been been introducting the farm
- Anticipated what does of a Passide At de Survey

### 900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

### G. PROPOSED PHASING OPTIONS

OTOIL	PHASING					
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budge		
	900	2005/06	1	\$237,641		
63 87 <sup>21</sup>	900	2006/07	2	\$366,428	INTOSTS	
				\$604,069	(subtotal)	

\$604,069 (subtotal)

\$0

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<u>ALLERERERERERERERERERERERERER</u>

**Additional Cost of Phasing** 

### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$604,069

1) Agency		Color	ado State	Univers	sity						
2) Department		Highe	er Educati	ion		A.	1993 (C.).		1.1.1.4.1.1		
3) Physical Pla	nt ID no.	401	10.10	AUC OFFE	1. 21	ans teneral dia	100000	1922 III Harrige spectra	PARATES		
SBP Projec	t m#	ARCAN CLAS	1111121.c.	5. 1319-112. S		e dit veny th			ni sen 143 V nov textoo		
4) Agency Price	ority #	3			SX	0.03	(M)	y ()4			
5) Project Title	e	VAV	Fume Ho	ood Cont	rols -	Chemistry Phas	se 1 of 2	y 05			
<b>B. FACILITY</b>	PROFIL	<u>LE</u>	ampled		219	2.completes th	ils Phese	9900 an 10 VV 400	<u>sign</u> Ler		
Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Chemistry	3339	Main Campus	168,037	102,867	1971	Science	II-FR	Satisfactory (CCHE1)	71.87	12/25/12	\$24,630,32
			168,037	102,867					171271		\$24,630,32
		P.									
9. Facility Mas						BALLER STOL AUTOM					
		or revisions an life is less thar	-		uture	•					
		life is more that		•							
		on is planned.									
Master	Plan is o	bsolete; Last I	Date App	roved:			- (Flag				
					(by	OSPB/CCHE)					
10. Facility Au	dit Surve	y Status (Che	ck one or	r more o	f the	following:)					
Facilit	y Audit S	urvey conclud	ed and su	bmitted	to SB	P - Date	Augu	st 2000			
						ete. % Complete					
Facilit	y Audit St	urvey has not	yet been i	initiated	at this	s time.					

### 401 VAV Fume Hood Controls - Chemistry Phase 1 of 2

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

VAV fume hood controls in Chemistry are 15 years old, and are failing, creating a safety hazard to hood users. These controls are no longer manufactured, and replacement parts are not available.

Phase 1 replaces 1/2 of the controls. Phase 2 completes the project.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$973,750

a) Unit Cost \$ 5.79 /GSF; OTHER: \_\_\_\_\_/

- b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_0.0395
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Hoods will become unsafe and unusable causing disruptions to classes and research projects.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building location has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

401 VAV Fume Hood Controls - Chemistry Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	то
1. Predesign (Insert Dates)	July 03	Dec 03
2. Design (Insert Dates)	Dec 03	May 04
3. Construction (Insert Dates)	May 04	May 05
4. Project Close-out/Final Completion	May 05	July 05
		-

### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

### 401 VAV Fume Hood Controls - Chemistry Phase 1 of 2

### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)		
	401	2006/07	1	\$486,875		
	401	2007/08	2	\$486,875		

\$973,750 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$973,750

A. AGENCY BA	SIC DAT.	<u>A:</u>							
1) Agency		Colora	do State Ur	iversity	NULE (PLASSe	CARLEAD	и изосании	C.INTEGRATE	
2) Department Higher Education			() to polyginger	I. Norration I					
<ul> <li>3) Physical Plant ID no.</li> <li>SBP Project m#</li> <li>4) Agency Priority #</li> </ul>		202							
					iay us		2.42		
		3			Jec 03	Ma	y 04		
5) Project Title		Lake S	treet Green	nouse BR	P Phase 1 of 2	Ma	y 09		
<b>B. FACILITY F</b>	PROFILE								
Building	Risk Mgmnt	Location	GSF	ASF Year Built		Const Type	Condition	FCI Use Intensity	Value
Lake St. Greenhouses	3359 N	Iain Campus	19,398 1	7,625 1949	Science	V-N	Remodeling-C(CCHE4)	58.75 12/25/12	\$1,184,748
Pres		Cart L T	19,398 1	7,625					\$1,184,748
									•
9. Facility Maste	r Plan St	tus - Check	one or mo	re of the	following				
		revisions ant			-				
		is less than	-						
		e is more tha		ars.					
		is planned.		deni <del>,</del> en					
└ Master I	Plan is obs	olete; Last I	Date Approv		y OSPB/CCHE)	_			
10. Facility Audi	t Survey S	Status (Che	ck one or m	ore of the	e following:)				
		vey conclude				and a second	t 2000		
_					lete. % Complet	e			
		vey has not y ate of a Faci			us ume.				
, mucipa	orar d								

202 Lake Street Greenhouse BRP Phase 1 of 2

# C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$877,896

a) Unit Cost \$ 45.26 /GSF; OTHER: \_\_\_\_\_

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.7410

- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

.Facility have beevey status (Check one or more of the followin

A Facility Audit Survey concluded and submitted to \$3P - Date

Facility Audit Survey is underway but not yet couplete. 4 Comm

Facility Audit Survey has not yet been initiated at this t

202 Lake Street Greenhouse BRP Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	ТО	
1. Predesign (Insert Dates)	July 03	Dec 03	
2. Design (Insert Dates)	Dec 03	May 04	
3. Construction (Insert Dates)	May 04	May 05	
4. Project Close-out/Final Completion	May 05	July 05	

### F. AGENCY APPROVAL

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Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

\$877,896

Additional Cost of Planing

Total Dollar Amount of Phased Countraction

(Pner, Current and Public Phases)

A Pacifity Massier Class Matter - Check one of more of the following:

- Manue changes or revision and patent in more fature.
- Derthes herrich life as long than five (5) years.
- Set Visibility was full this to share than five (5) years
- Provide the second state of the second

(by OSPB/CCHE)

"Fighting Audit. Survey Status (Check due or more of the following:)

- Particlesy scale Stavey connected and submitted to SBP Data
- Parality Audit Sarvey is enderway but not yet complete. % Comp
- A Facility Audit Survey has not yet been initiated at this tim
- condensed sinc date of a Parilley April Survey

#### 202 Lake Street Greenhouse BRP Phase 1 of 2

#### **G. PROPOSED PHASING OPTIONS**

FUTURE	PHASING				
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	lonited Velet C
	202	2005/06	1	\$438,948	
- 14 ET	202	2006/07	2	\$438,948	10849
				\$877,896	(subtotal)

buolection

**Additional Cost of Phasing** 

\$0

\$877,896 (subtotal)

CALARARA CALARARA CALARARA CALARARA CALARARA

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$877,896

i) Supplemental Shoel(s) Attached? (Photographs, shotches, maps, etc.

	etmont		High	ar Educati	on				COSACO DI LOGA	7.4080		
2) Department		PBASE	Higher Education									
3) Physical Plant ID no. SBP Project m#			402				Vins.	De	- 498	<u> </u>		
			3									
4) Agency Priority #				D. F				1 . 02	<u>y on</u>			
5) Proje				ace Det. E.	lectrical	I - Clar	k "A" Wing Ph	ase 1 of 3	A 63			
	ILITY P							(from)	Siger Corr Ertimat			
Bui	lding	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Andrew G.	Clark	3276 1	Main Campus	254,792	137,254	1967	Classroom/Office	II-FR	Remodeling-A(CCHE2)	68.33	12/25/12	\$21,785,93
				254,792	137,254							\$21,785,93
						nei oldi						
9. Facili	ty Master		atus - Chec	k one or :								
9. Facili		: Plan St			more of	f the fo	ollowing:					
	Major ch Facility 't	<b>Plan St</b> anges or iseful'lif	<b>atus - Cheo</b> revisions ar è is less tha	nticipated n five (5)	<b>more of</b> in near years.	<b>f the fo</b> future.	ollowing:					
9. Facili	Major chi Facility 't Facility 't	<b>Plan St</b> anges or iseful'lif	atus - Chec revisions ar è is less tha è is more th	nticipated n five (5) aan five (5	<b>more of</b> in near years.	<b>f the fo</b> future.	ollowing:					
	Major chi Facility \ Facility \ Facility r	<b>Plan St</b> anges or iseful' lif iseful' lif enovatio	atus - Chec revisions ar e is less tha e is more th n is planned	nticipated n five (5) aan five (5 l.	more of in near years. ) years.	<b>f the fo</b> future.	ollowing:					
	Major chi Facility \ Facility \ Facility r	<b>Plan St</b> anges or iseful' lif iseful' lif enovatio	atus - Chec revisions ar è is less tha è is more th	nticipated n five (5) aan five (5 l.	more of in near years. ) years.	f the fo	ollowing:	program				
	Major chi Facility \ Facility \ Facility r	<b>Plan St</b> anges or iseful' lif iseful' lif enovatio	atus - Chec revisions ar e is less tha e is more th n is planned	nticipated n five (5) aan five (5 l.	more of in near years. ) years.	f the fo	ollowing:	program				
	Major ch Facility ù Facility ù Facility r Master Pl	• Plan St anges or iseful'lif iseful'lif enovatio lan is obs	atus - Chec revisions ar e is less tha e is more th n is planned	nticipated n five (5) aan five (5 l. Date App	more of in near years. ) years. roved:	f the fo future.	ollowing:	program				
10. Facil	Major ch Facility 't Facility 't Facility r Master Pl	• Plan St anges or iseful' lif iseful' lif enovatio lan is obs Survey	atus - Chec revisions ar ie is less tha ie is more th n is planned solete; Last Status (Che	nticipated n five (5) an five (5 l. Date App eck one o	more of in near years. ) years. roved: <b>r more</b>	f the fo future. (by of the	ollowing: OSPB/CCHE) following:)	pport this				
10. Facil	Major ch Facility 't Facility 't Facility r Master Pl lity Audit Facility A	• Plan St anges or iseful'lif iseful'lif enovatio lan is obs Survey Audit Sur	atus - Chec revisions ar e is less tha e is more th n is planned solete; Last Status (Che vey conclud	nticipated n five (5) an five (5 l. Date App eck one or ded and su	more of in near years. ) years. roved: <b>r more</b>	f the fo future. (by of the i to SB	ollowing: OSPB/CCHE) following:)	Augu				
10. Facil	Major ch Facility 't Facility 't Facility r Master Pl lity Audit Facility A Facility A	• Plan St anges or iseful' lif iseful' lif enovatio lan is obs Survey Audit Sur	atus - Chec revisions ar e is less tha e is more th n is planned solete; Last Status (Che vey conclud	nticipated n five (5) an five (5 l. Date App eck one of ded and su rway but n	more of in near years. ) years. roved: <b>r more</b> abmitted not yet o	f the fo future. (by of the i to SB comple	ollowing: OSPB/CCHE) following:) P - Date te. % Complete	Augu				

402 Replace Det. Electrical - Clark "A" Wing Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,354,929 a) Unit Cost \$ 5.32 /GSF; OTHER: \_\_\_\_\_
  - b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.0622
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

5. Additional information to support this request? (Describe)

Wellity heads? If is less than five (5) yes

- Facility unful if is more than five (5) y
- b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

s Pacifitz Audit Survey Status (Chack one or more of the following

Facility Audit Survey concluded and submitted to SBP - Date August 200

- Facility Audit Survey is underway but not yet complete. % Complete
  - Facility Audit Survey has not yet been induced at this time.
    - Anticipated start date of a Facility Audit Survey

402 Replace Det. Electrical - Clark "A" Wing Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FROM TO
<sup>13</sup> Dec 03
3 May 04
04 May 05
05 July 05

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett
Date:	July 28, 2000

**Agency Authorized Signature** 

402 Replace Det. Electrical - Clark "A" Wing Phase 1 of 3

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant	Fiscal Year	Phase of Work	Dollar Amount
M#	ID #	A ADOUX A OWA		(Per Detailed Budget)
	402	2006/07	1	\$451,643
	402	2007/08	2	\$451,643
	402	2008/09	3	\$451,643

\$1,354,929 (subtotal)

\$0

**BBBBBBB** 

**Additional Cost of Phasing** 

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$1,354,929

=

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A. AGENCY BASIC DATA:			
1) Agency	Colorado State University	THE WEARANT PROPERTY AND	
2) Department	Higher Education		THE REAL PROPERTY OF
3) Physical Plant ID no.	502	an a sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-	I. NEEPEN
SBP Project m#	Ref Dates) Refy 63	DEEVE	Seating i <del>n C</del>
4) Agency Priority #	3	May 64	
5) Project Title	Replace Det. Classroom Seating Phase 1 of 3	May 0.5	
<b>B. FACILITY PROFILE</b>	aul/Final Countering . May C	_Juby OS	
Building Risk L	ocation GSF ASF Year Functional Use	Const Condition	FCI Use

	Mgmnt				Built		Туре	2001 \$ 2.00	T CI	Intensity	value
Andrew G. Clark	3276	Main Campus	254,792	137,254	1967	Classroom/Office	II-FR	Remodeling-A(CCHE2)	68.33	12/25/12	\$21,785,939
Chemistry	3339	Main Campus	168,037	102,867	1971	Science	II-FR	Satisfactory (CCHE1)	71.87	12/25/12	\$24,630,326
Engineering South/Glover	3269	Main Campus	52,823	33,369	1950	Engineering	II-1HR	Satisfactory (CCHE1)	90.77	12/25/12	\$7,111,766
Natural Resources	3262	Main Campus	73,027	45,856	1975	Science	II-1HR	Satisfactory (CCHE1)	82.19	12/25/12	\$7,640,684
Pathology	3330	Main Campus	58,902	36,501	1976	Science	II-FR	Satisfactory (CCHE1)	83.22	12/25/12	\$6,447,713

607,581 355,847

\$67,616,428

Consequences (cast effects, program impacts, facility impact, etc.) of not fundrage

esuper anargora adarona sine rol andaréhinai

Sasting is bettoding universitie. Sindents are foreed to all on the floor. Classrooms will become universite a there are no other eligencores available for larged slasses.

Additional location to support this result? (Describe

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date August 2000
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

#### 502 Replace Det. Classroom Seating Phase 1 of 3

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Seating in these auditoriums is heavily utilized. Fabric is torn and soiled and tablet arms are broken.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,215,994
  - a) Unit Cost \$ 2.00 /GSF; OTHER: \_\_\_\_\_
  - b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = 0.0180
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? <u>No</u> Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Seating is becoming unusable. Students are forced to sit on the floor. Classrooms will become unusable and there are no other classrooms available for large classes.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

h starility Audit Survey Status (Cherit and or more of the follow)

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502 Replace Det. Classroom Seating Phase 1 of 3

### E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	.OM T	0
1. Predesign (Insert Dates)	July 03	Dec 03	
2. Design (Insert Dates)	Dec 03	May 04	PUTURE PRASI
3. Construction (Insert Dates)	May 04	May 05	Proj
4. Project Close-out/Final Completion	May 05	July 05	M#

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

Agency Authorized Signature

Additional Cost of Phases

Total Dollar Amount of Physed Construction

(Prior, Current and Future Phases)

A Facility Master Plen Sinha - Check one or more of the followings

- Major changes or revisions anticipated in stear future
- Facility baseful her is less than live (5) years.
- Paulity useful life is more than five (5) years,
- J Pacifity conoversize is planned.
- Master Plan is obtained Last Date Approved.

(by OSPR/CCEE)

a recently and it Survey South (Classic one or more of the followings).

- Facility Again Sharvey concluded and schoolthed to SEP Data
- Pacifity August Survey is underway but fits yet complete. % Complete
- for the state of the set of the set of the set initiated at this the
- Averaged at cost date bit a Pacility Audit Snevey

#### 502 Replace Det. Classroom Seating Phase 1 of 3

#### **G. PROPOSED PHASING OPTIONS**

FUTURE	PHASING			
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	502	2006/07	1	\$426,147
	502	2007/08	2	\$492,029
	502	2008/09	3	\$297,818
3. Are th	ere Capital Cons	truction Projects (Be	constion, Easily and	\$1,215,994 (subtotal

\$1,215,994 (subtotal)

Additional Cost of Phasing

\$0

#### **Total Dollar Amount of Phased Construction**

(Prior, Current and Future Phases)

\$1,215,994

1.	A	GEN	ICY	BASIC	C DA'	ΓA:

A

1) Agency	Colorado State	e University	Case Instrumente	
2) Department	Higher Educat	ion		inconstant i
3) Physical Plant ID no.	302	A STATE OF A	Manual States on Sound & Barn	and the supervise
SBP Project m#	ert Odies)	Auge 13	Dec Ca	
4) Agency Priority #	3			
5) Project Title	Replace Det. It	tems - San Juan Basin Phase 1	of 5	
<b>B. FACILITY PROFILE</b>	and Times & months	Marine Michael	a billing a	

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- ~ Facility 'useful' life is more than five (5) years.
- Facility renovation is planned.
  - Master Plan is obsolete; Last Date Approved:

#### (by OSPB/CCHE)

### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP - Date
- Facility Audit Survey is underway but not yet complete. % Complete
- Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

302 Replace Det. Items - San Juan Basin Phase 1 of 5

#### C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$2.000.000 a) Unit Cost \$ /GSF; OTHER:

b) FCI\* (Total Project Cost Deficiency / Facility Replacement Value) = \_\_\_\_\_

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? \_\_\_\_\_ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

5. Additional information to support this request? (Describe)

. Facility Monter Plan Status - Check out or mare

Major changes or revisions anticipa

LIGHT REAL THE REAL AND A LEASE AND A

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

I. Pacility Audit Survey Status (Check one or more of the following

Pacifity Audit Survey concluded and submitted to SBP - Date

Facility Audit Survey is underway but not yet complete. A Complete

Facility Audit Survey has not yet been initiated at this time.

Anticipated start date of a Pacifity Audit Survey

302 Replace Det. Items - San Juan Basin Phase 1 of 5

## E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FRO	M TO
July 03	Dec 03
Dec 03	May 04
May 04	May 05
May 05	July 05
	July 03 Dec 03 May 04

#### F. AGENCY APPROVAL

Prepared by	Gary L. Daggett	
Date:	July 28, 2000	

**Agency Authorized Signature** 

#### 302 Replace Det. Items - San Juan Basin Phase 1 of 5

### G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	302	2006/07	1	\$400,000
	302	2007/08	2	\$400,000
	302	2008/09	3	\$400,000
	302	2009/10	4	\$400,000
	302	2010/11	5	\$400,000
			and the second	\$2,000,000 (subto

\$2,000,000 (subtotal)

**Additional Cost of Phasing** 

\$0

**Total Dollar Amount of Phased Construction** 

(Prior, Current and Future Phases)

\$2,000,000

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#### A. AGENCY BASIC DATA:

1) Agency	Colorado State University
2) Department	Higher Education
3) Physical Plant ID no.	9901
SBP Project m#	
4) Agency Priority #	3
5) Project Title	Unprioritized Deferred Maintenance
<b>B. FACILITY PROFILE</b>	

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future.
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years.
- ☐ Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

(by OSPB/CCHE)

#### 10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date
- Facility Audit Survey is underway but not yet complete. % Complete
   Facility Audit Survey has not yet been initiated at this time.
  - Facility Audit Survey has not yet been initiated at this time. Anticipated start date of a Facility Audit Survey

D. DETAILED COST ESTIMATE/BUDGET REQUEST

Prepared By Gary L. Daggett

# **Controlled Maintenance Project Phase Estimate**

### 9901 Unprioritized Deferred Maintenance

Phase #: 1 Phase FY:

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Entire project	1	EA	15,528,295.00	\$115,528,295
			Subtot	al	\$115,528,295
			Contin	igency	\$0
			A/E F	ees	\$0
			SBP C	osts	\$0
			Phase	Total	\$115.528.295

# **CONTROLLED MAINTENANCE STATUS REPORT**

PREVIOUSLY FUNDED CONTROLLED MAINTENANCE AND CAPITAL CONSTRUCTION PROJECTS

FY 2001/02

# 1 1 1 1

(1) Agency: Colorado State University

CAPITAL CONSTRUCTION PROJECT REPORT FY 2000/2002 (General & Cash Funded Projects as per the Long Bill) BUILDINGS AND REAL ESTATE PROGRAMS (2) Department: Facilities Management Department

(3) Date: July 31, 2000

Page 1 of 1

7-71017 JS		\$ 869,774		00/01	85.5%	10000	3/01	4/01	5/01	4/02	CM/GC	1/04	Aller Lingle	Unknown
7-71016 SK P0017 98044	Plant Science Bldg. Revitalization Ph 1	\$ 617,823 \$ 869,774		00/01	0%	453 2345	3/01	4/01	5/01	11/02	Lump Sum	6/30/03	KDA	Unknown
BC 7-71015 P0016 99145	SLVR Center Improvements - Ph I				0%	3/16/99	12/00	12/00	3/01	5/01	Lump Sum	8/01	Aller Lingle	Unknown
7-71-14 JS P0015 99146	Auditorium/Gym B-wing Floor	\$ 1,019, 795		00/01				1,62205	1/01	N/a	Dsn/Bld	6/02	Howard Lowell	Unknown
P0014 99155	Info & Inst. Tech In Education in Year 2000	\$ 2,593,806		00/01	0%	Pending	9/30/00	11/00	1/01		mohom	00	<u>15</u>	
P0013 99172 7-71013 SA	University Center for the Arts - Ph 1	\$ 6,396,388		00/01	0%	5/2/00	Resub	11/01	11/02	1/04	CM/GC	7/04	Slater Paul	Unknown
97245 SK	Boulder Dist. Office -Durango	\$ 787,361		98/99	55.0%	8/03/98 7/13/98	12/98	1/28/99	2/22/99	7/25/99	Lump Sum	11/8/99	Aller Lingle	Hensen
7-71909 GS P9811/97244	Chem/Bio Sci. Inst Lab Upgrades Ph 1 of 3 Chem/Bio Sci. Inst Lab Upgrades Ph 2 of 3 CSFS Dist. Office Replace Durango	\$ 3,495,078 \$ 7,051,474 \$ 787,361		99/00 00/01	96%	9/99	9/00	Ongoing CM/GC	9/00	2/02 8/02	CM/GC	8/02	Oz Architecture OZ Architecture	Hensel-Phelps
BC P9909/98064	Backflow Prev.Sys. Campus Bldgs. Ph 1 Chem/Bio Sci. Inst Lab Upgrades Ph 1 of 3	\$ 241,506		97/98	99.98%	6/97	9/2/97	3/25/99	4/13/99	N/a	Lump Sum	11/24/99	Stanley	C & B Plumbing
P9709/96361	Relocate Animal Sci Prog to Ardec Ph 2	\$ 1,837,100 \$ 4,688,621 \$ 2,047,940		97/98 98/99 99/00	96.0%	8/28/97	3/1/99	4/22/99	5/19/99	2/15/00	Lump Sum	2/01	Aller-Lingle	Colorado Jaynes
P9707/95173	Relocate Animal Sci. Prog to Ardec Ph 1	-	\$1,374,543	97/98	92.5%	3/26/97	7/30/97	6/1/99	9/99	6/00	Lump Sum	6/01	Michael Brendle	Rus Den Clark
97251/GS 98048/SA 99115/SA P9706/95104 LA	OFCHS Underpass Mech. Upgrade Mechanical Replacement @ OFCHS Annex Visitor Center Bldg, ELC	\$ 575,951 \$ 421,000 \$ 495,555 \$ 915,555		98/99 99/00 00/01		5/11/98 7/12/99 1/19/00	9/99	3/24/00 12/99 5/25/00	4/13/00 1/00 6/20/00	N/a 7/10/00 8/15/00	Lump Sum	9/00 8/12/00 8/12/00	ARG Sear Brown ARG IPE	MBI Allen P & H
JF P9704	Eng. Bldg. Add/Renovation Ph 2 Eng. Bldg. Add/Renovation Ph 3 OFCHS Purchase & Renovation Ph 2	\$ 1,300,000 \$ 7,500,457 \$10,035,458 \$ 4,300,000		96/97 97/98 98/99 97/98	99.7%	10/23/96 3/3/97	2/98	Ongoing CMGC 12/15/99	10/15/97	8/15/99	CM/GC	9/15/00	H&L	Hensel Phelps
PROJ. # P9603/95317	PROJECT TITLE & PHASE Eng. Bldg. Add/Renovation Ph I	(6) STATE FUNDS <u>APPROP.</u> \$ \$ 1,300,000	(7) OTHER FUNDS	(8) DATE FUNDS AVAIL	(9) % ENCUM	(10) DESIG CONT DATE	(11) DESIG COMP DATE	(12) CONST BID DATE	(13) CONST CNTRCT DATE	(14) EXP. OCCU DATE	(15) PROJ DELIV	(16) PROJ CLOSE DATE	(17) A/E	(18) PRIME CONTRACTOR

#### (1) Agency: Colorado State University

# CONTROLLED MAINTENANCE PROJECT REPORT FY 2000/2001 (2) Department: Facilities Management Department (3) Date: July 31, 2000

Page 1 of 2

PROJ. #	PRÒJECT TITLE	(6) STATE FUNDS APPROP. \$	FUNES	DATE FUNDS AVAIL	(9) % ENCUM	(10) DESIG CONT DATE	DESIG COMP DATE	(12) CONST BID DATE	(13) CONST CNTRCT DATE	(14) EXP. OCCU DATE	(15) PROJ DELIV	(16) PROJ CLOSEOU DATE	(17) A/E	(18) PRIME CONTRACTOR
M612/95290 JS	Replace Det. Plbg - Micro & Aud/Gym Ph1 Replace Det. Plbg - Micro Ph 2 Replace Det. Plbg - Micro Ph 3 Transferred from other funds	\$ 525,000 \$ 393,112 \$ 803,243 \$ 26,000		96/97 97/98 98/99 10/97	98.1%	10/22/96 10/22/96 10/22/96	5/97 8/98	5/6/97 9/15/98 3/18/99	6/19/97 5/13/99	12/97 9/1/99	Lump Sum	12/98 1/7/00	МКК МКК МКК	MBI MBI MBI
M709/96273 BC	Repl. Det. Saf. Sys. Campus Bldg Ph 1 Repl. Det. Saf. Sys. Campus Bldg. Ph 2 Ph 2 - Transferred from other funds	\$ 537,280 \$ 138,345 \$ 26,006		97/98 98/99 6/99	95.5%	9/23/97 1/6/99	5/98 5/98	4/29/99 2/10/00	5/19/99 3/3/00	11/30/99	Lump Sum	11/00 5/28/00	Luis O. Acosta Luis O. Acosta	Interstate Mechanical Systems
M710/96282 SK 99067/ML	Replace Det. Items Stu. Srvcs. Ph 1 Replace Det. Items Stu. Srvcs. Ph 2 Transferred from other funds Chill Loop Connections	\$ 499,449 \$ 301,157 \$ 63,306		97/98 98/99	98.6%	9/8/97 9/29/99	3/30/98	3/12/98	3/27/98	9/30/98	Lump Sum	12/18/98	Luis O. Acosta	МВІ
M712/96247 BC 98068 BC 99035 99035	Repair/Replace Det. Mech. Sys. Ph 1 Repair/Replace Det. Mech. Sys. Ph 2 Repr/Repl Det. Mech. Sys. Ph 3 (A/Z/Gifford) Transferred from other funds Ph 3 - Asbestos Abatement	\$ 451,008 \$ 514,296 \$ 552,458 \$ 4,581		97/98 98/99 99/00 00/01	58.0%	10/2/97 10/27/98 2/2/00	3/99	3/10/99 6/17/99 6/1/00	4/9/99 6/20/00	N/a	LumpSum	4/00	Cator Ruma	Allen Phillips Natkin
M713/96278 JS	Repair Campus Roads Ph 1 Repair Campus Roads Ph 2	\$ 357,350 \$ 373,343		97/98 98/99	99.98%	10/2/97	8/14/98	4/27/00 5/26/98	6/13/98	N/a	Lump Sum	9/1/98	Stewart Environ. TEC	Macbestos Don Kehn
99035	Replace Det Rfs/Campus Bldgs Ph1 of 3 Replace Det Rfs/Campus Bldgs Ph 2 of 3 Replace Det Rfs/Campus Bldgs Ph 3 of 3 <b>Transferred from other funds</b> Transferred from M225 Transferred from M513	\$ 547,500 \$ 343,705 \$ 346,342 \$ 8,445 \$ 1,372 \$ 2,248		97/98 98/99 99/00 00/01	98.7%	8/15/97 8/20/98 8/9/99	11/15/97	12/15/97 various 3/21/00	2/11/98 various 5/3/00	N/a N/a N/a	Lump Sum	1/25/99 1/4/00 10/1/00	Rooftech Rooftech Rooftech	Weathercraft D & D Roofing, B&M Douglass/Black
1838/96198 SA	Replace Heating Plant Oil Tank	\$ 485,828		98/99	97.6%	8/15/97	5/30/98	4/13/99	5/13/99	N/a	Lump Sum	12/6/99	Terracon	Eaton Metals
A841/98058 BC A80041	Cross-Con. Control/Bkflw Preven. Ph 1 of 2 Cross-Con./Control/Bkflw Preven. Ph 2 of 3	\$ 400,000 \$ 855,182		98/99 99/00	35.7%	9/23/98	1/29/99 10/1/99	6/10/99 11/1/99	7/13/99 9/00	N/a N/a	Lump Sum	7/00 4/00	Stanley Consultants	Natkin
802/98213 JS	Master/Storm Drainage Plan Improvement Ph 2of 2			99/00	24.5%	10/99	3/00	5/25/00	6/00	N/a	Lump Sum	5/01	Avres	Natkin G.L. Hoff
/99023/98247 -71923 SK	Gif/Atmos Sci Bldgs. Repl. Det. Mech Sys Ph 1 of 2 Gif/Atmos Sci Bldgs. Repl. Det. Mech Ph 2 of 2	\$ 147,000 \$ 352,981		99/00 00/01	35.4%	8/31/99 8/31/00	3/00	5/16/00	7/00	N/a	Lump Sum	5/01	IPE	Natkin
190024/98195 -71924 SA	Mason St Replace High Volt Overhead Lines - Ph I Mason St Replace High Volt Overhead Lines - Ph 2	\$ 595,924 \$ 613,802		99/00 00/01	24.0%	10/99	3/00	5/5/00	6/2/00	N/a	Lump Sum	2/01	Gordon Gumeson Gordon Gumeson	Interstate Electric
190025/98215 -71925 JS	Install Storm Loop E. Dr. to Center St- Ph 1 of 3 Install Storm Loop E. Dr. to Center St. Ph 2 of 3	\$ 149,000 \$ 439,244		99/00 00/01	22.4%	7/27/99	3/00	1/18/00	6/00	N/a	Lump Sum	6/01	Cator Ruma	Hoff
190026/96272 K 7-71926	Replace Det. Items - University Greenhouses Asbestos Abatement for above project	\$ 656,958 \$ 378,498		99/00 00/01	95.3%	6/99	8/99	4/13/00 5/29/00	6/2/00 6/19/00	12/00	Lump Sum	12/01	KDA	RusDen MDR
190027/98214 JS	Various Sites-Replace Condensate Lines	\$ 366,303		99/00	85.5%	7/27/99	3/00	3/1/00	4/18/00	N/a	Lump Sum	5/01	Cator Ruma	Hoff
190028/98145 -71928 TM	Auditorium Gym Replace Deter, Floor Ph I Auditorium Gym Replace Deter, Floor Ph 2	\$ 354,700 \$ 402,936		99/00 00/01	87.6%	8/17/99	5/99	5/4/99	6/8/99	8/15/99	Lump Sum	9/12/99	Aller/Lingle	Western Floor, Inc.

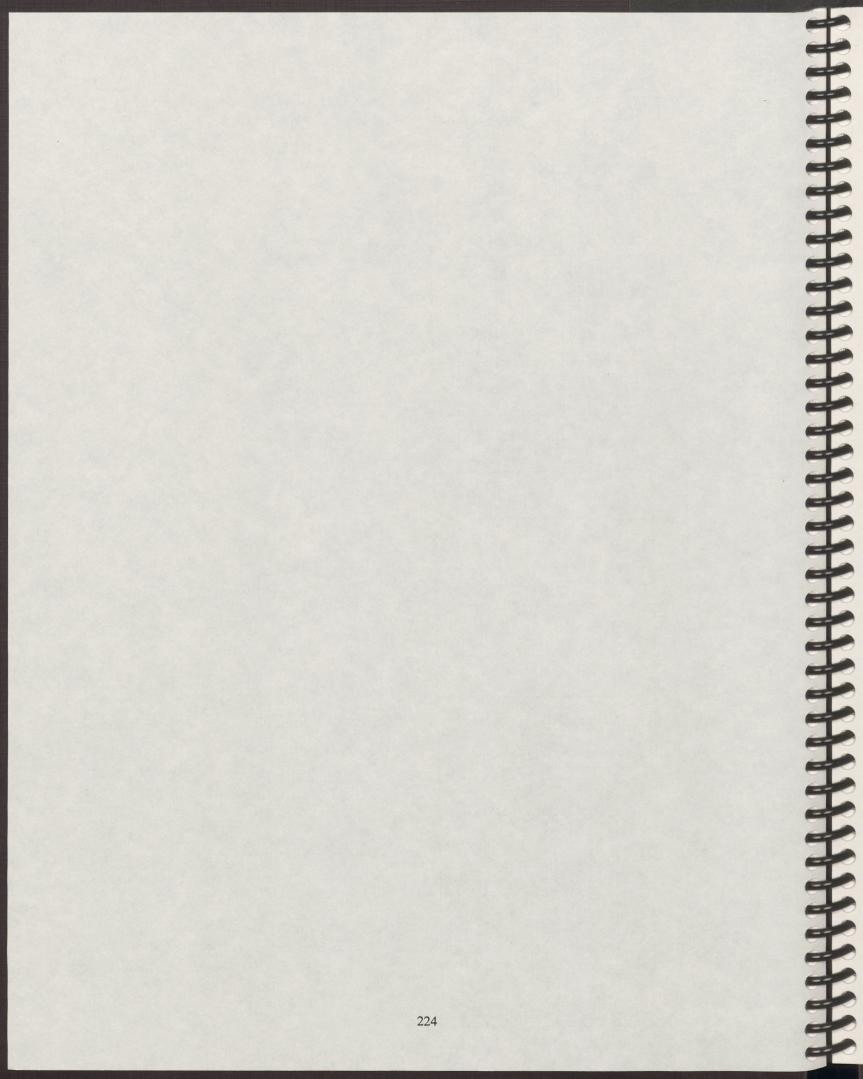
# V A RARARARARARARARARA

CONTROLLED MAINTENANCE PROJECT REPORT FY 2000/2001 (2) Department: Facilities Management Department

(1) Agency. <u>Colora</u>	Agency: <u>Colorado State University</u> (2) Department: <u>Facilities Management Department</u>							(3) Date: July 31, 2000								
(4) PROJ. #	(5) PROJECT TITLE & PHASE	(6) STATE FUNDS APPROP. \$	(7) OTHER FUNDS	(8) DATE FUNDS AVAIL	(9) % ENCUM	(10) DESIG CONT DATE	(11) DESIG COMP DATE	(12) CONST BID DATE	(13) CONST CNTRCT DATE	(14) EXP. OCCU DATE	(15) PROJ DELIV	(16) PROJ CLOSE DATE	(17) A/E	(18) PRIME CONTRACTOR		
M90029/98055 SA 7-71929 M90030/98236	Print & Pub BdgReplace Det. Items Ph 1 of 2 Printi& Pub Bdg. Replace Det. Items Ph 2 of 2 Exp. Sta/FS Bldgs. Repl. Det. Items Ph 1 of 2	\$ 518,590 \$ 585,036		99/00 00/01	12.9%	8/19/99 (I & 2)	5/00	5/31/00	8/00	8/01	Lump Sum	8/02	ARG	Sun Construction		
7-71930 SK	Replace Deter. Items Exp Sta FS Bld Ph 2 of 2	\$ 360,000 \$ 104,451		99/00 00/01	60.0%	10/99	4/00	5/00	12/00	N/a	Lump Sum	12/01	KDA	TBD		
M90031/98264 99182 JF 771031	CFC Refrigeration Phase-out Ph 1 of 2 CFC Refrigeration Phase-out Ph 2 of 2	\$1,257,600 \$ 980,411		99/00 00/01	95.9%	7/28/99 6/19/00	12/99 10/00	3/7/00 11/00	3/30/00	N/a N/a	Lump Sum	6/00 10/01	Cator Ruma Cator Ruma	RK Mech/Haynes		
M00032 99098 7-71032 BH	Replace Deter. Items Wagar Ph 1 of 3	\$ 660,413		00/01	36.8%	1/27/00	3/01	4/01	5/01	N/a	Jun	10/02	ARG	TBD TBD		
M00033 99094 IS 7-71033	Replace Deter. Roads & Sidewalks Ph 1 Replace Deter. Roads & Sidwalks Ph 2	\$ 544,500		00/01	27.0%	Pending		6/00 5/01	7/00	N/a N/a	Lump Sum	8/00 8/01	Paul	Connell Resources		
400034 99201 -71034 BC	Replace Deter. Roof - Ph 1	\$ 464,260		00/01	9%	Pending	1/01	2/01	3/01	N/a		9/1/01	S.A. Miro Rooftech	TBD TBD		
/00031 99150 7-71031 ML	Replace Irrigation Intake @ College Lake	\$ 197,332		00/01	0%	Pending	7/00	1/01	1/01	N/a		4/01	Love & Assoc.	TBD		
48004199036 7-71841 BC	Cross Connect Control/BFP Ph 2 Cross Connect Control/BFP Ph 3	\$1,255,182 \$ 880,837		99/00 00/01	35.7%	7/12/99 9/1/00	8/1/00 9/1/00	9/1/00	9/00	N/a		9/1/01 9/1/02	Stanley Stanley	TBD		

(1) Agency: Colorado State University

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# CONTROLLED MAINTENANCE BUILDING INVENTORY LIST

FY 2001/02

#### CONTROLLED MAINTENANCE AGENCY'S BUILDING INVENTORY LIST/GSF/FCI - FY 2001/2002 STATE BUILDINGS AND REAL ESTATE PROGRAMS

Colorado State University Gary L. Daggett 970-491-0153

	No.	Building Name		Risk	Occ.	Fund.	G.S.F.	C.R.V.	F.C.I.	Date
	0001	Alumni Center		3188	14	OF	4 400	\$450 OF 0		
		Deles en Oral			16	GF	4,690	\$459,058		
		Masteril Linil		3189	50	AUX	17,671	\$1,726,835		
		0 10 1		3190	50	AUX	104,898	\$10,250,779		
		Durrell Center		3191	50	AUX	46,226	\$4,517,269		
		Durward Hall		3192	50	AUX	104,898	\$10,250,779		
		Lory South		3193	50	AUX	34,638	\$2,961,805		
		Lory North		3194	50	AUX	34,638	\$2,961,805		
		Corbett Hall		3195	50	AUX	222,484	\$19,024,028		
		Parmelee Hall		3196	50	AUX	108,946	\$9,315,689		
	0013	Green Hall		3197	16	GF	20,802	\$1,778,700		
	0014	Allison Hall		3198	50	AUX	98,023	\$8,381,692		
	0015	Rockwell Hall		3199	16	GF	61,198	\$9,406,426	96.73	3/30/98
	0016	Softball Dugouts		5125	15	GF	255	\$25,391		
	0017	Ingersoll Hall		3200	50	AUX	98,802	\$8,448,302		
	0018	Edwards Hall		3201	50	AUX	98,023	\$8,381,692		
	0019	Ellis Hall		3202	50	AUX	86,198	\$7,370,567		
	0020	Newsom Hall		3203	50	AUX	104,510	\$8,936,378		
	0021	Aylesworth Hall		3204	10	GF	86,723	\$8,475,083	64.15	12/1/97
		Braiden Hall		3205	50	AUX	110,837	\$9,477,384	04.10	12,1,7,7
	0023	Baseball Scorers Box		3206	15	GF	128	\$4,494		
		Softball Scorers Box		5126	15	GF	95	\$3,332		
		Hartshorn Health Center (HHC)		3207	41	AUX	39,169	\$4,806,420	78.40	5/8/00
		Baseball Dugouts		3208	15	GF	528	\$4,800,420 \$23,220	70.40	5/6/00
		Auditorium Gymnasium		3209	15	GF	272,354		40 54	0/14/09
						GF		\$26,736,393	62.54	9/14/98
		Athletic Storage		3210	15		536	\$4,805		
		Thurman "Fum" McGraw Athletic Ce	enter	5004	16	OTHER	26,512	\$2,984,636		
		Student Rec. Center		5004	15	AUX	75,029	\$7,623,787		
		Tennis Court Storage		3211	15	GF	45	\$1,979	VI VIBEI	
		Weather Station		3212	11	GF	350	\$34,204	78.05	1/11/99
		Intermural Field Restrooms			15	AUX	558	\$93,328		
		Intermural Field First Aid/Storage			15	AUX	776	\$10,564		
		Student Center		3213	40	AUX	295,488	\$36,097,789		
		Engineering		3217	12	GF	211,410	\$83,783,918	90.21	3/2/98
		Computer Cent. Annex		3220	11	GF	800	\$19,567		
(	0044	Statistics		3221	16	GF	25,528	\$3,848,966	89.66	11/3/97
(	0045	Louis R. Weber		3222	11	GF	55,225	\$5,396,664	73.82	9/21/98
(	0046	Music		3224	13	GF	38,195	\$3,732,587	44.86	9/15/99
(	0050	Ammons Hall		3226	16	GF	24,467	\$2,510,432	89.64	3/19/98
(	0051	Danforth Chapel		3227	20	GF	1,059	\$517,413	71.72	9/27/99
		Guggenheim Hall		3228	10	GF	16,735	\$1,430,946	43.29	9/28/98
		Home Management		3229	16	GF	4,019	\$294,557	SI Inita	no onin
		Home Mgt. Garages		3230	29	GF	1,106	\$16,191		
		Industrial Sciences		3231	14	GF	28,009	\$2,394,977	82.37	10/20/97
		Laurel Hall		3232	30	GF	14,780	\$1,263,799	27.01	2/9/98
		Industrial Cat Lata		3233	14	GF	20,246		75.28	
-		indusinal Sci. Labs		0200	14	Gr	20,240	\$1,751,159	15.20	1/4/99

0061 Routt Hall	3234	16	GF	4,918	\$614,079	93.32	9/29/97	
0062 Potting Shed	3235	11	GF	498	\$30,416		10/11/99	
0063 Sage Hall	3236	11	GF	7,038	\$1,063,095		10/5/98	
0064 Spruce Hall	3238	16	GF	18,738	\$1,602,215		10/13/97	
0065 Occupational Therapy Annex	3240	30	GF	984	\$60,369		1/5/98	
0066 Occupational Therapy	3241	10	GF	22,104	\$2,160,034	86.08	10/18/99	
0067 L. L. Gibbons	3242	14	GF	14,084	\$1,376,308	96.81	10/12/98	
0068 Heating Plant	3245	30	GF	19,416	\$14,920,155	92.25	10/12/98	
0069 Chilled Water Plant	0210	30	GF	8,200	\$820,000	72.20	10/19/90	
0071 Cooperative Units	3248	10	GF	6,103	\$535,113	84.36	10/25/99	
0073 College Avenue Gym	3250	15	GF	58,862	\$5,927,727	94.30	3/23/98	
0075 Vocational Education	3251	16	GF	11,491	\$987,688	94.75	10/26/98	
0076 Student Services	3254	16	GF	36,243	\$3,099,124	74.91		
0077 Administration Annex	3255	16	GF	43,145	\$3,706,199	96.34	11/1/99	
0079 Johnson Hall	3257	10	GF	48,013	\$4,692,046	70.78	11/2/98	
0080 Administration	3258	16	GF	32,172	\$3,158,254	66.32	2/16/98	
0081 Forestry	3260	10	GF	27,046			11/8/99	
0082 Natural Resources	3262	10	GF	73,027	\$2,643,095	44.50	11/3/97	
0083 Nat Resource Res Lab	3263	16	GF	4,000	\$7,640,684 \$390,898	82.19	11/16/99	
0084 J.V.K. Wagar	3264	11	GF	48,160		52 24	11/0/09	
0088 Engineering South/Glover	3269	12	GF		\$5,649,120	53.34	11/9/98	
0090 Morgan Library	3275	17	GF	52,823	\$7,111,766	90.77	11/10/97	
0091 Andrew G. Clark	3275			299,584	\$30,949,574	94.08	11/16/98	
0092 Plant Sciences		10	GF	254,792	\$21,785,939	68.33	11/29/99	
0093 Shepardson	3278	11	GF	81,783	\$8,991,297	53.09	11/17/97	
	3281	10	GF	47,354	\$5,206,141	60.89	9/22/97	
0094 Military Sciences	3282	10	GF	13,814	\$1,181,199	48.75	12/6/99	
0095 Military Annex	3284	10	GF	6,730	\$411,040	28.08	11/30/98	
0099 Flammable Liquids	3286	30	GF	160	\$11,142			
0102 General Services Bld	3287	16	OTHER	74,907	\$9,190,992	72.25	5/1/00	
0104 Facilities Svc-North	3294	16	GF	30,600	\$2,616,594	77.49	12/13/99	
0105 Insectary	3296	11	GF	4,313	\$421,486	70.60	12/27/99	
0106 Madison Macdonald Observatory	3297	11	GF	687	\$125,885	89.85	11/30/98	
0107 Weed Research Laboratory	3298	11	GF	17,329	\$1,481,737	64.66	1/6/97	•
0108 Univ. Greenhouses	3302	11	GF	35,297	\$3,018,112	50.66	1/3/00	
0109 Natural & Environmental Services Bldg	7334	11	GF	77,000	\$10,195,886	86.73	4/24/00	
0110 Animal Sciences	3305	11	GF	40,412	\$4,442,960	59.39	12/7/98	
0111 Inst Serv Maint Shop	3307	30	GF	220	\$101,141			
0113 Willard O. Eddy Hall	3308	10	GF	69,457	\$5,938,907	74.13	3/9/98	
0114 Education	3309	10	GF	40,931	\$4,000,019	82.80	1/10/00	
0120 Microbiology	3310	11	GF	65,664	\$8,021,731	80.49	12/29/97	
0121 Stock Judging Pav.	3311	11	GF	9,376	\$572,623	81.66	1/18/00	
0123 Motor Pool Storage	3313	30	GF	268	\$4,130			
0124 Vehicle Maintenance	3314	30	GF	1,860	\$58,468			
0125 Facilities Svc-South	3315	30	GF	12,194	\$893,710	74.02	1/24/00	
0126 East Garages	3317	30	GF	3,572	\$52,290			
0127 Electric Shop	3318	30	GF	2,088	\$128,108			
0129 Facilities Storage	3320	30	GF	9,249	\$226,171			
0130 Vehicle Wash	3321	30	GF	836	\$30,636			
0131 Central Receiving	3322	30	GF	15,675	\$1,148,827	84.40	9/15/97	
0132 Central Rec. Storage	3324	30	GF	5,245	\$128,259	72.70	9/15/97	
0133 Hazardous Waste	3325	30	GF	910	\$167,487	88.04	12/14/98	
0134 Hazardous Waste	3326	30	GF	2,500	\$43,977	86.62	12/14/98	
0135 Chemical Storage Unit		31	GF	144	\$44,786			
0136 Central Rec. Storage	3328	30	GF	4,042	\$54,300	80.94	12/14/98	

0137 Book Storage Folty	8.234	3329	29	GF
0138 MC Substation		7175	30	GF
0140 Pathology		3330	1158	GF
0141 Environmental Hea	alth sec.s	3332	1158	GF
0142 Physiology		3336	11	GF
0143 Anatomy-Zoology		3337	11	GF
0144 Painter Center		3338	11	GF
0150 Chemistry		3339	1100	GF
0151 Visual Arts		3341	13	GF
0152 Gifford		3343	10	GF
0155 Mol. & Rad. Biosci.		5003	11	GF
0172 Hort. Storage Shed		3344	31	GF
0173 Horticulture Garag		3345	31	GF
0184 Greenhouse	2.109	3348	11	GF
0191 Greenhouse No. 6		3354	11 00	GF
0192 Greenhouse No. 7		3355	11	GF
0192 Greenhouse		3356	11	GF
0194 Hort. Quonset-Nor	th tario	3357	14	GF
0195 Hort, Quonset-Sou		3358	14	GF
0196 Lake St. Greenhou		3359	11	GF
0190 Edge 31. Greenhouse	303	3361	11	GF
0197 Greenhouse		3362	11	GF
0201 Aggie Vill North 1		3364	51	AUX
0201 Aggie Vill North 2		3365	51	AUX
		3366	51	AUX
0203 Aggie Vill North 3	'a Contor	3367	60	AUX
0204 University Children	s Cerner		51	AUX
0205 Aggie Vill North 5		3368	51	AUX
0206 Aggie Vill North 6		3369	51	AUX
0207 Aggie Vill North 7		3370	51	AUX
0208 Aggie Vill North 8		3371		
0209 Aggie Vill North 9		3372	51	AUX
0210 Aggie Vill North 10		3373	51 51	AUX AUX
0211 Aggie Vill North 11		3374 3375	51	
0212 Aggie Vill North 12		3376	51	AUX AUX
0213 Aggie Vill North 13		3377	51	AUX
0214 Aggie Vill North 14				
0215 Aggie Vill North 15		3378	51	AUX
0216 Aggie Vill North 16		3379	51	AUX
0217 Aggie Vill North 17		3380	51	AUX
0221 Aggie Vill North 6s		3384	51	AUX
0223 Aggie Vill North 7s	145,399 0516	3386	51	AUX
0229 Aggie Vill North 11		3392	51	AUX
0231 Aggie Vill North 12		3394	51	AUX
0301 Aggie Vill South 18		3399	51	AUX
0302 Aggie Vill South 19		3400	51	AUX
0303 Aggie Vill South 20		3401	51	AUX
0304 Aggie Vill South 21		3402	51	AUX
0305 Aggie Vill South 22		3403	51	AUX
0306 Aggie Vill South 23		3404	51	AUX
0307 Aggie Vill South 24		3405	51	AUX
0308 Aggie Vill South 25		3407	51	AUX
0309 Aggie Vill South 26		3408	51	AUX
0217 Aggie Vill North 17 0221 Aggie Vill North 17 0221 Aggie Vill North 6s 0223 Aggie Vill North 7s 0229 Aggie Vill North 11 0231 Aggie Vill North 12 0301 Aggie Vill South 12 0302 Aggie Vill South 19 0303 Aggie Vill South 19 0304 Aggie Vill South 20 0306 Aggie Vill South 22 0306 Aggie Vill South 23 0307 Aggie Vill South 25 0309 Aggie Vill South 25 0309 Aggie Vill South 25 0310 Aggie Vill South 25 0310 Aggie Vill South 25		3409 3410	51 51	AUX AUX
0311 Aggie Vill South 28		5410	51	AUX
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\$570,130 85.89 2/1/00

\$1,775,947 77.25 2/23/98

\$7,908,554 66.60 12.28/98

\$24,630,326 71.87 1/11/99

\$7,336,604 77.64 2/14/00

\$7,610,683 76.67 12/15/97

\$14,142,565 88.64 2/21/00

\$9,674

\$1,184,748 58.75 1/25/99

12/8/97

2/7/00

1/4/99

\$464,455

\$6,447,713 83.22

\$18,214,675 77.32

\$16,922 \$37,540

\$11,738

\$9,674

\$67,489

\$189,266

\$194,702

\$11,738

\$11,738

\$156,836

\$504,710

\$156,836

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\$504,710

\$504,710

\$504,710 \$504,730

\$235,438

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\$156,836 \$156,836

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\$3,357,815 84.34

0312 Aggie Vill South 29	34	11 51	AUX	8,234	\$502,878		
0313 Aggie Vill South 30	34	12 51	AUX	8,234	\$502,878		
0314 Aggie Vill South 31	34		AUX	2,559	\$156,287		
0315 Aggie Vill South 32	34	14 51	AUX	8,234	\$502,878		
0316 Aggie Vill South 33	34		AUX	2,559	\$156,287		
0317 Aggie Vill South 34	34		AUX	2,559	\$156,287		
0318 S. Aggie Mail Kiosk	71		AUX	109	\$17,415		
0422 Storage	34		GF	402	\$9,832		
0423 Storage	34		GF	1,579	\$38,619		
0425 Ground Storage	51		GF	634	\$7,074		
0431 Pump House	34		GF	49	\$1,198		
0551 VTH - Feed Storage		31	GF	140	\$1,116		
0552 VTH - Trailer	51		OTHER	224	\$15,489		
0553 Isolation Barn	34		GF	2,109	\$144,507	72.51	2/8/99
0554 Horse Barn and Animal Food Barn	34		GF	45,194	\$3,096,657	77.46	2/15/99
0555 Vet. Teaching Hosp.	34		GF	137,233	\$18,807,659	78.40	2/21/00
0556 Canine/Raptor	34		GF	3,632	\$640,862	82.66	2/8/99
0557 Dairy Center	34		GF	91,157	\$3,088,463	79.74	1/26/98
0558 Maintenance Garage	34		GF	1,212	\$41,063	85.07	1/5/98
0559 Storage	34		GF	2,125	\$31,107	00.07	1/0/90
0560 Storage	34		GF	2,125	\$31,107		
0561 Solids Separator	34		GF	400	\$13,553		
0562 Storage	34		GF	2,125	\$31,107		
0565 Hay Shed	34		GF	3,684	\$103,820		
0566 Hay Shed	34		GF	3,684	\$90,104		
0567 Hay Shed	34		GF	8,500	\$90,104		
0568 Hay Shed	34		GF		\$91,966		
	340		GF	8,500 2,990			
	340		GF		\$166,230		
			GF	930	\$10,658		
	340			257	\$3,589		
0572 Grain Bin 0573 Grain Bin	340		GF	257	\$3,589		
	340		GF	257	\$3,589		
0574 Animal Shelter	340		GF	913	\$11,836		
0575 Animal Shelter	340		GF	913	\$11,836		
0576 Animal Shelter	340		GF	1,408	\$18,259		
0577 Pump House	340		GF	462	\$10,637		
0578 Lrg.Anim.Rehab.Unit	340		GF	2,700	\$86,792		
0579 Animal Shelter	732		GF	900	\$7,733		
0580 Electrical Storage Shed	512		GF	392	\$9,586		
0581 Hazardous Chemical Storage		31	GF	257	\$37,858		
0601 Old Fort Collins High School		10	GF	143,399	\$16,528,742	42.07	3/6/00
0602 Old Fort Collins High School - Annex		16	GF	17,451	\$2,077,018	74.69	5/15/00
0603 Old Fort Collins High School - Classroom		10	GF	1,055	\$46,404		
0604 Old Fort Collins High School - Storage		30	GF	370	\$7,991		
0605 Old Fort Collins High School - Press Box	7UA(35)	30	GF	131	\$334		
0606 Old Fort Collins High School - Lawn Shec		31	GF	1,874	\$50,914		
0701 Natural Rescource Research Cntr(NRRC		16	OTHER	123,817	\$11,000,001		
0801 Univ Village East 1	347		AUX	10,764	\$578,412		
0802 Univ Village East 2	347		AUX	9,227	\$495,820		
0803 Univ Village East 3	347		AUX	6,401	\$343,963		
0804 Univ Village East 4	347		AUX	6,151	\$330,529		
0805 Univ Village East 5	347		AUX	6,151	\$330,529		
0806 Univ Village East 6	347		AUX	12,302	\$661,058		
0807 Univ Village East 7	347	76 51	AUX	6,366	\$342,082		

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0808 Univ Village East 8		3477	51	AUX	10,764	\$578,412		
0809 Univ Village East 9		3478	51	AUX	2,262	\$121,550		
0810 Univ Village East 10		3479	51	AUX	6,151	\$330,529		
0811 Univ Village East 11		3480	51	AUX	7,689	\$413,175		
0812 Univ Village East 12		3481	51	AUX	9,441	\$507,320		
0813 Univ Village East 13		3482	51	AUX	9,227	\$495,820		
0814 Univ Village East 14		3483	51	AUX	6,366	\$342,082		
0815 Univ Village East 15		3484	51	AUX	9,227	\$495,820		
0816 Univ Village West 16		3485	51	AUX	6,572	\$353,152		
0817 Univ Village West 17		3486	51	AUX	6,543	\$351,593		
0818 Univ Village West 18		3487	51	AUX	8,171	\$439,075		
0819 Univ Village West 19		3488	51	AUX	11,896	\$639,241		
0820 Univ Village West 20		3489	51	AUX	11,890	\$638,972		
0821 Univ Village West 21		3490	51	AUX	6,553	\$352,131		
0822 Univ Village West 22		3491	51	AUX	4,915	\$264,111		
0823 Univ Village West 23		3492	51	AUX	8,179	\$439,505		
0824 Univ Village West 24		3493	51	AUX	9,825	\$527,954		
0825 Univ Village West 25		3494	51	AUX	9,836	\$528,545		
0826 Univ Village West 26		3495	51	AUX	11,887	\$638,757		
0827 Univ Village West 27		3496	51	AUX	11,468	\$616,242		
0828 Univ Village West 28		3497	51	AUX	11,459	\$615,759		
0829 Univ Village West 29		3498	51	AUX	8,616	\$462,988		
0830 Univ Village West 30		3499	51	AUX	8,195	\$440,365		
0831 Univ Village West 31	3,340	3500	51	AUX	8,631	\$463,794		
0832 Univ Village West 32	2	3501	51	AUX	9,852	\$529,405		
0833 Univ Village West 33	3	3502	51	AUX	11,444	\$614,952		
0835 International House		7335	51	AUX	98,038	\$5,982,132		
0839 Univ Village West 34	1	3503	51	AUX	8,641	\$738,869		
0840 Housing Services Ce	enter	3504	30	AUX	14,675	\$896,287		
0845 Housing Warehouse	2.472		30	AUX	40,600	\$1,689,212		
0851 University Village No		7336	51	AUX	8,259	\$548,364		
0852 University Village No		7337	51	AUX	8,259	\$548,364		
0853 University Village No		7338	51	AUX	8,259	\$548,364		
0854 University Village No		7339	51	AUX	8,259	\$548,364		
0855 University Village No		7328	51	AUX	8,259	\$548,364		
0856 University Village No		7329	51	AUX	8,259	\$548,364		
0857 University Village No		7340	51	AUX	8,259	\$548,364		
0858 University Village No		7040	51	AUX	8,259	\$548,364		
0910 Power Plant	51117 44031 0		60	OTHER	26,952	\$1,877,600		
0915 Andrews House				OTHER	2,212	\$197,298		
0916 Andrews House Ga	1000		16	OTHER				
			60		619	\$18,682	72.00	0.000.000
0925 Univ Services Cente		7000	10	OTHER	89,583	\$7,956,583	13.98	2/22/99
0930 Visitors Center	1011	7220	29	GF	5,688	\$470,267		
0931 University Square #		7221	16	GF	16,342	\$1,277,062		
0940 Canyon Avenue # 4			16	OTHER	3,101	\$98,807		
0941 Canyon Avenue #4			16	OTHER	400	\$12,745		
0955 Meat Packing Plant		7484	11	GF	5,139	\$494,907		
1001 Runway Light Contr		3511	29	GF	148	\$3,620	incisción	DA CALL
1002 West Hangar		3512	30	GF	4,870	\$238,047	88.60	10/11/99
1003 Ram Flying Club		3513	29	GF	293	\$21,474		
1004 Shop Hangar		3514	29	GF	6,022	\$441,355		
1005 Engr. Renewal+Gro	wth	3516	11	GF	1,551	\$94,725		
1006 Facilities Maint.		3517	30	GF	6,004	\$440,036		
1007 Atmos. Simulation		3518	11	GF	10,260	\$1,754,489	87.26	3/13/00

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	Storage			3519	31	GF	2,045	\$81,136		
	Storage			3520	31	GF	407	\$2,457		
	Storage			3521	31	GF	176	\$1,062		
	A.E.R.C. Annex			3522	16	GF	5,041	\$239,968	53.02	3/20/00
1015	Ag. Engr. Rsch. Ctr.			3523	11	GF	15,174	\$1,116,861	84.04	3/20/00
1016	Project Lab			3524	11	GF	1,471	\$29,276		
1017	Storage			3525	31	GF	4,766	\$189,096		
1040	Explosives Storage			3527	31	GF	58	\$6,022		
1041	Explosives Storage			3528	31	GF	37	\$3,842		
1042	Explosives Storage			3529	31	GF	58	\$6,022		
1051	Pump House			3530	31	GF	249	\$60,835		
1052	Headquarters			3531	16	GF	8,560	\$836,522		
1053	Shop			3532	30	GF	6,916	\$506,876		
1054	Storage			3533	31	GF	5,201	\$254,226		
	Supplies Storage			3534	31	GF	208	\$15,244		
	Fire Trucks			3535	30	GF	5,357	\$111,272		
	Paint Shop			3537	30	GF	2,417	\$59,115		
	Storage			3538	31	GF	2,268	\$49,241		
	Storage			3539	31	GF	2,894	\$70,782		
	Nursery			3540	31	GF	28,983	\$2,478,226		
	Storage			3544	31	GF	1,031	\$25,216		
	Storage			3545	31	GF	5,419	\$32,710		
	Larimer Fire Cache			3547	31	GF	2,050	\$78,593		
	Machine Shed			3548	31	GF	3,340	\$57,063		
	Modular Office			3550	16	GF	646	\$31,577		
	Trailer Office			3551	16	GF	222	\$10,851		
	Garage			3552	31	GF	1,185	\$23,584		
	Chip Storage			3553	31	GF	823	\$4,968		
	Sawmill			3554	31	GF	2,242	\$24,900		
	Nursery Storage			5005	31	GF	2,242	\$59,180		
	Storage			3555	31	GF	1,037	\$17,717		
	-			3557	12	GF	149,915		70.60	2/1/00
	Engr. Res. Center Workshop			3559	30			\$18,314,111	72.62	2/1/99
						GF GF	3,216	\$127,596		
	Aquatic Greenhouse			7324	11		318	\$32,770		
	West Office			3560	16	GF	11,317	\$705,211		
	Workshop			3563	30	GF	3,369	\$98,758		
	Quonset			3564	31	GF	988	\$24,165		
	Quonset			3565	31	GF	1,003	\$24,532		
	USDA/ARS/SWC			05//	16	OTHER	3,051	\$76,901		
	Rainfall Facility			3566	11	GF	2,914	\$71,271	77 / 4	0.10.100
1111	,			3567	12	GF	16,826	\$1,644,312	71.64	3/8/99
	Turbine Pumphouse			7176	11	GF	559	\$32,454		
	Storage			3569	31	GF	264	\$2,366		
	Pump House			3570	31	GF	300	\$9,719		
	Erc Publication Trlr			3571	16	GF	720	\$10,930		
	Solar Dryer	ol00liawn Shi		3572	11	GF	361	\$12,383	A novat	0941 OL
	Coop Institute for Resea	rch in the At	mos	3573	11	GF	12,743	\$1,388,703	89.97	3/15/99
	Atmospheric Science			3575	11	GF	37,079	\$3,623,412	76.42	1/20/98
	Atmos. Science Annex			3576	11	GF	4,984	\$426,169	83.31	1/20/98
	Solar Energy House 1			3577	12	GF	4,558	\$556,820	76.75	3/22/99
	Solar Energy House 2			3579	12	GF	3,626	\$442,964	73.36	3/3/99
	Solar Energy House 3			3580	12	GF	3,630	\$443,453	69.63	3/29/99
	Solar Greenhouse			3581	11	GF	1,393		82.35	3/29/99
1127	Research Building			3582	11	GF	882	\$30,222		

1129 Storage Shed	3584	31	GF	164	\$4,213		
1130 Storage Shed	3585	31	GF	164	\$4,213		
1132 R.E.P.E.A.T. Facility	3586	16	GF	2,963		80.94	4/5/99
1135 River Model Facility	3589	11	GF	5,212	\$94,257		
1137 Engineer.Res.Valvehs	3591	11	GF	168	\$2,469		
1138 Engineer.Res.Valvehs	3592	11	GF	217	\$2,092		
1139 Engineer.Res.Valvehs	3593	11	GF	242	\$2,333		
1140 Trailer	3594	11	GF	164	\$2,474		
1141 West Valve House	7177	11	GF	194	\$13,516		
1142 East Valve House	7168	11	GF	280	\$19,507		
1171 KCSU Transmitter	3595	60	AUX	49	\$6,488		
1172 KCSU Transmitter	3596	60	AUX	145	\$11,957		
1173 Cattle Barn	3597	31	GF	3,135	\$53,547		
1174 Livestock Shed	3598	31	GF	3,399	\$80,922		
1175 Pump House	3600	31	GF	100	\$3,174		
1176 Shed	3601	31	GF	480	\$11,428		
1301 C.D.CCenter for Disease Control	3602	11	OTHER	41,565	\$10,155,049	72.96	4/27/00
1305 Blockhouse	3605	31	GF	1,080	\$131,929		
1309 Rad. Genetics Bldg.	3606	30	GF	510	\$18,692		
1312 C.D.C. Storage	3608	31	OTHER	685	\$15,153		
1313 C.D.C. Storage	3609	31	OTHER	256	\$5,663		
1314 C.D.C. Storage/Lab	3610	31	OTHER	729	\$16,126		
1315 C.D.C. Storage	3611	31	OTHER	1,380	\$30,527		
1316 C.D.C. Storage	3612	31	OTHER	180	\$2,435		
1317 C.D.C. Laboratory	3613	11	OTHER	3,861	\$120,949	-	410.000
1330 Equine Center	3614	31	GF	95,154		74.86	4/3/00
1331 Horse Shelter	3615	31	GF	1,320	\$18,178		
1332 Horse Shelter	3616	31	GF	1,320	\$18,178		
1333 Horse Shelter	3617	31	GF	1,320	\$18,178		
1334 Horse Shelter	3618	31	GF	1,320	\$18,178		
1335 Horse Shelter	3619	31	GF	1,320	\$18,178		
1336 Adams Atkinson Arena	7330	31	GF	38,446	\$1,186,740		
1354 Fisheries Maint.	3620	31	GF	3,829	\$176,183		
1355 Sheep Shed	3621	31	GF	2,652	\$57,584		
1356 Sheep Shed	3622	31	GF	3,418	\$58,395		
1357 Hay Storage	3623	31	GF	9,496	\$162,235		
1359 Irrigation Filter	3624	30	GF	242	\$3,575		
1361 Photo Barn	3625	31	GF	2,880	\$70,440		
1362 Grain Storage	3626	31	GF	1,839	\$31,419		
1363 Sheep And Pony Shed	3627	31	GF	1,451	\$24,790		
1364 Sheep And Pony Shed	3628	31	GF	4,031	\$68,868		
1365 Animal Shed	3629	31	GF	576	\$9,841		
1366 Office	5013	16	GF	590	\$29,762		
1377 Horse Barn	3631	31	GF	1,708	\$41,775		
1380 Isolation Shed	3632	31	GF	2,367	\$47,113		
1385 Mare Barn	3635	31	GF	5,167	\$126,376		
1386 Foaling Barn	3636	31	GF	586	\$14,333		
1388 Storage Building	3638	31	GF	402	\$6,868	00 71	1/5/00
1389 Stallion Laboratory	3639	31	GF	5,900	\$502,467	89.71	1/5/98
1391 Stallion Pens	3643	31	GF	1,534	\$37,519		
1392 Stallion Pens	3644	31	GF	848	\$20,741		
1394 Stallion Barn	3645	31	GF	5,167	\$126,376		
1395 Stallion Pen	3646	31	GF	2,672	\$72,017	85 77	1/5/00
1396 Swine Confinement	5131	31	GF	2,458	\$140,849	85.77	1/5/98

1397 Shaving Shed	3649	31	GF	546	\$18,709		
1398 Semen Collect. Shed	3650	31	GF	2,528	\$61,830		
1399 Mare Barn		31	GF	11,412			
1400 Radiation Waste	3651	31	GF	2,560	\$43,737		
1401 Animal Disease Lab	3652	41	GF	8,775	\$857,532		
1402 Animal Reproduction & Biotechnology Lab	3653	11	GF	41,123		91.80	4/12/99
1405 Shed	3656	31	GF	391	\$6,680		
1406 Shed	3657	31	GF	391	\$6,680		
1407 Utility Building	8013	31	GF	930	\$135,258		
1408 Shed	3658	31	GF	630	\$10,763		
1409 Shed	3659	31	GF	630	\$10,763		
1410 Shed	3660	31	GF	630	\$10,763		
1411 Animal Holding Facility	0000	31	GF	2,368	\$124,207		
1412 Sewage Chlorination	3661	30	GF	66	\$1,128		
1412 Sewage Chloninanon 1413 Monkey House	3662	11	GF	369	\$31,552		
1413 Monkey House 1414 Office-Residence Anx	3663	16	GF	1,749	\$106,817		
1414 Onice-Residence Anx 1415 Animal Quarters	3664	31	GF	2,167	\$185,295		
1416 Surgical Annex	3665	11	GF	3,564	\$304,748		
1418 Surgical Annex 1417 Cattle Processing	3666	31	GF	288	\$4,285		
1420 Food Preparation	3667	41	GF	2,200	\$80,633	85.12	4/19/99
1421 Arthropod-Borne & Infectious Disease Lab	3668	11	GF	14,329	\$1,406,510	76.16	1/26/98
1422 Center for Envir Toxicolgy & Technology	3669	11	GF	14,676	\$1,434,159	69.36	1/12/98
	3670	11	GF	2,627	\$256,726	07.00	1,12,70
1423 Irradiation Site 1424 BSL-3	5070	11	GF	12,000	\$6,096,000		
1424 BSL-3 1425 Motor Performance	3671	31	GF	800	\$48,859		
	3672	31	GF	1,017	\$21,517		
1427 Maintenance Garage	5001	11	GF	2,380	\$272,185		
1430 Dog Holding Facility	5001	31	GF	12,000	\$83,682		
1450 Hay Shed 1451 Shelter	3673	31	GF	432	\$4,440		
1451 Shelter	3674	31	GF	432	\$4,440		
1453 Shelter	3675	31	GF	617	\$5,538		
1455 Shelter	3676	31	GF	617	\$5,538		
	3677	31	GF	432	\$4,440		
1455 Shelter	7166	31	GF	924	\$9,227		
1456 Shelter 1457 Shelter	3678	31	GF	509	\$4,569		
1457 Sheller 1458 CSFS Pumphouse	3679	31	GF	64	\$2,080		
	7167	31	GF	924	\$9,227		
1459 Shelter	3680	31	GF	7,500	\$126,710		
1460 Sheep Facility 1461 Coll. Lake Pump Stat	7170	30	GF	414	\$50,859		
1901 Hughes Stadium	3682	15	GF	40,867	\$15,045,215	73.24	4/17/00
2010 Office	3686	16	GF	1,228	\$60,029	/0124	.,,
2011 Foundation Seed Proc	3687	31	GF	2,482	\$121,330		
2012 Drying Shed	3688	31	GF	7,530	\$368,096		
2012 Diving shed 2013 Machine Shed	0000	31	GF	7,459	\$365,491		
2014 Processing	3690	31	GF	4,000	\$195,536		
2420 Raptor Cage	8003	31	GF	2,807	\$5,423		
2420 Rapio Cage 2421 Picnic Shelter	8004	31	GF	422	\$2,171		
2422 Restroom	3741	31	GF	57	\$1,811		
2422 Restroom	8005	31	GF	1,742	\$75,628		
2423 Come Ban 2424 Storage	3743	31	GF	86	\$1,765		
2425 Residence-Environmental Learning Center	3744	52	GF	942	\$59,302		
2426 Shop Storage	7342	31	GF	2,304	\$32,504		
2427 Original Barn	8006	31	GF	609	\$26,439		
2428 Boxcar	8007	31	GF	596	\$11,495		

2429 Outhouse		8008	31	GF	20	\$1,085	
2430 Coal Shed		8009	31	GF	77	\$542	
2432 Run-In-Barn		8011	31	GF	567	\$8,726	
2433 Cattle Chute		8012	31	GF	341	\$2,173	
2434 Storage Shed		8013	31	GF	161	\$2,714	
2501 ELC Visitor Center			16	GF	8,463		
3001 Faculty Cabin No. 1		3745	52	AUX	957	\$70,139	
3002 Faculty Cabin #2		3746	52	AUX	957	\$70,139	
3003 Faculty Cabin #3		3747	52	AUX	957	\$70,139	
3004 Faculty Cabin #4		3748	52	AUX	749	\$54,895	
3005 Faculty Cabin #5		3749	52	AUX	957	\$70,139	
3006 Faculty Cabin #6		3750	52	AUX	637	\$23,347	
3007 Staff Duplex Cabin - A & E	3	5146	52	AUX	1,522	\$221,261	
3008 Faculty Cabin #8	nat e	5147	52	AUX	768	\$99,566	
3009 Faculty Cabin #9		5148	52	AUX	768	\$99,566	
3010 Faculty Washhouse		3756	31	AUX	427	\$41,727	
3018 Storage Building		3757	31	AUX	306		
3019 Storage Building		3758	31	AUX		\$6,644	
3020 Cabin					175	\$3,799	
3021 Cabin		3759	52	AUX	410	\$22,239	
		3760	52	AUX	443	\$24,029	
3022 Cabin		3761	52	GF	460	\$24,951	
3023 Koenig Homestead		3762	52	AUX	1,548	\$83,966	
3024 Storage Building		3763	31	AUX	255	\$5,536	
3025 Cabin		3764	52	AUX	407	\$22,076	
3026 South Classroom		3765	10	GF	1,508	\$147,369	
3027 South Dormitory		3766	50	AUX	4,382	\$321,159	
3028 The Cave		3769	40	AUX	146	\$5,351	
3029 Custodial Storage		3770	30	AUX	343	\$20,948	
3030 North Classroom		3771	10	GF	2,545	\$248,709	
3031 Dining Hall		3772	60	AUX	5,297	\$519,497	
3032 Nurses Cabin		3773	52	AUX	341	\$12,498	
3033 Ticonderoga Cabin		3774	52	AUX	344	\$12,608	
3034 Grounds Shop		3775	30	AUX	347	\$16,961	
3035 Recreation Hall		3776	40	AUX	2,055	\$125,506	
3036 Outhouse		3777	31	AUX	53	\$1,737	
3038 Pump House		3778	31	AUX	66	\$1,614	
3045 Student Cabin		3779	52	AUX	340	\$12,461	
3046 Student Cabin		3780	52	AUX	340	\$12,461	
3047 Student Cabin		3781	52	AUX	340	\$12,461	
3048 Student Cabin		3782	52	AUX	340	\$12,461	
3049 Student Cabin		3783	52	AUX	340	\$12,461	
3050 Student Cabin		3784	52	AUX	353	\$12,938	
3051 Student Cabin		3785	52	AUX	353	\$12,938	
3052 Student Cabin		3786	52	AUX	353	\$12,938	
3053 North Dormitory		5149	50	AUX	5,282	\$432,439	
3054 Outhouse		5150	31	AUX	80	\$3,872	
3055 Staff Cabin		5151	52	AUX	2,912	\$287,634	
3060 Student Washhouse		3789	60	AUX	825	\$30,233	
3061 Student Cabin		3790	52	AUX	356	\$13,046	
3062 Student Cabin		3791	52	AUX	356	\$13,046	
3063 Student Cabin		3792	52	AUX	347	\$12,716	
3064 Student Cabin		3793	52	AUX	347	\$12,716	
3065 Student Cabin		3794	52	AUX	347	\$12,716	
3066 Student Cabin		3795	52	AUX	347	\$12,716	
					•		

3067 Student Cabin			3796	52	AUX	347	\$12,716
3068 Student Cabin			3797	52	AUX	347	\$12,716
3069 Student Cabin			3798	52	AUX	347	\$12,716
3070 Student Cabin			3799	52	AUX	347	\$12,716
3071 Student Cabin			3800	52	AUX	347	\$12,716
3072 Student Cabin			3801	52	AUX	347	\$12,716
3073 Student Cabin			3802	52	AUX	347	\$12,716
3074 Student Cabin			3803	52	AUX	347	\$12,716
3075 Student Cabin			3804	52	AUX	347	\$12,716
3076 Student Cabin			3805	52	AUX	326	\$11,946
3077 Winter Research Lab			3806	11	GF	2,733	\$300,470
3080 Hotchkiss Lodge			3807	50	AUX	4,681	\$304,834
3081 Columbine			3808	50	AUX	1,536	\$78,800
3082 Paintbrush					AUX		
			5152	50		2,160	\$190,461
3083 Staff Duplex Cabin - A 8	КB		5153	52	AUX	1,522	\$221,261
3084 Blue Spruce			5154	50	AUX	2,160	\$190,461
3085 Aspen			5155	50	AUX	2,160	\$190,461
3086 Cinquefoil			5156	50	AUX	2,160	\$190,461
3087 Kinnikinnik			5157	50	AUX	2,160	\$190,461
3088 Lodgepole			5158	50	AUX	2,160	\$190,461
3089 Ropes Course Outhouse	•			31	AUX	50	\$19,000
3093 Storage			3816	31	AUX	576	\$8,439
3095 Sewage Treatment Fac			3817	30	GF	4,028	\$690,838
4001 Storage Barn			3819	31	GF	1,008	\$13,250
4002 Storage			3820	31	GF	3,248	\$119,043
4003 Storage			3821	31	GF	287	\$4,903
4010 Conference Center				29	GF	11,600	\$901,052
4011 Water Treatment Pump	House			30	GF	400	\$80,000
4012 Cow/Calf Unit				31	GF	3,968	\$180,000
4013 Covered Bale Hay Shed	5.297			31	GF	3,750	\$60,000
4014 Sheep Unit				31	GF	14,275	\$550,000
4015 Swine Units				31	GF	1,200	\$40,000
4016 Swine Units				31	GF	1,200	\$40,000
4018 Palpation Chutes				31	GF	750	\$150,000
4019 Palpation Chutes				31	GF	1,500	\$100,000
4021 Animal Water Pump Hou	use			31	GF	400	\$75,000
4022 Intensive Monogastric R		arch		11	GF	9,000	\$600,000
4023 Feedlot Units	340	XUA		31	GF	40,000	\$200,000
4024 Central Mix/Diet Prep				31	GF	2,500	\$250,000
4029 Hay Feed Bunker				31	GF	6,000	\$25,000
4030 Feed Storage				31	GF	4,000	\$50,000
4031 Scale House				31	GF	120	\$3,000
4037 Pump House				31	GF	48	\$800
4038 Pump House				31	GF	40	\$18,000
				31	GF	48	
4039 Pump House 4050 Residence			2000	52	GF		\$800
			3822			2,669	\$160,046
4051 Grain Bin			3823	31	GF	284	\$7,295
4053 Animal Science Shop			3825	31	GF	2,560	\$65,752
4054 General Processing			7195	31	GF	24,771	\$1,074,281
4055 Pump House			3827	31	GF	36	\$925
4056 Fuel Depot			3828	31	GF	36	\$925
4059 Grain Bin			5010	31	GF	284	\$7,295
4060 Machine Shed			7188	31	GF	30,000	\$277,629
4061 Bulk/Soil Storage			7189	31	GF	10,800	\$143,210

4062 Fertilizer Storage		7190	31	GF	800	\$26,966	
4063 Pesticide Storage		7191	31	GF	240	\$57,128	
4064 Pesticide Storage N		7192	31	GF	320	\$49,032	
4065 Pesticide Storage E		7193	31	GF	320	\$49,032	
4070 Lockman Residence			52	OTHER	1,555	\$110,177	
4071 Lockman Shop and Equi	pment		31	GF	5,090	\$141,023	
4072 Lockman Machine Shed			31	GF	2,045	\$22,574	
4073 Lockman Garage	1000		31	GF	335	\$4,005	
4074 Lockman Utility Shed			31	GF	263	\$2,620	
4075 Lockman Granary			31	GF	1,600	\$24,906	
4076 Lockman Pump House			31	GF	1,000	\$100	
4101 Headquarters		3830	31	GF	2,357	\$230,337	
4102 Storage		3831	31	GF	1,510	\$92,221	
4103 Dormitory		3832	50	GF			
		3833	31		1,042	\$76,369	
4104 Pump House 4105 Residence				GF	112	\$1,913	
		3834	52	GF	1,615	\$118,364	
4106 Tack Room		3835	31	GF	86	\$1,469	
4107 Shed		3836	31	GF	580	\$9,909	
4108 Shed		3837	31	GF	576	\$9,841	
4109 Radiation Control		3838	11	GF	125	\$15,270	
4201 Main Dwelling			52	OTHER	4,713	\$95,768	
4202 Dwelling			52	OTHER	1,990	\$47,831	
4203 Student Resident			52	OTHER	1,212	\$23,910	
4204 Student Residence			52	OTHER	1,560	\$47,820	
4205 Office			16	OTHER	1,100	\$23,910	
4206 Garage			31	OTHER	2,430	\$11,963	
4207 Old Mach. Shed/Shop			31	OTHER	3,000	\$23,931	
4208 Pole Garage/Mach Shd			31	OTHER	1,824	\$11,945	
4209 Old Barn			31	OTHER	5,530	\$35,829	
4210 Livestock Barn			31	OTHER	1,040	\$17,933	
4211 New Barn			31	OTHER	5,586	\$71,737	
4302 Processing		3839	31	GF	6,735	\$246,846	
4303 Residence		3840	52	OTHER	2,042	\$149,659	
4304 Shop-Machine Storage		3841	31	GF	2,882	\$105,629	
4306 Pump House		3842	31	GF	81	\$1,384	
4307 Pump House		3843	31	GF	83	\$1,418	
4601 Residence		3844	52	OTHER	2,194	\$98,467	
4602 Onion Storage		3845	31	GF	1,600	\$57,447	
4603 Utility Storage		3846	31	GF	3,055	\$123,417	
4604 Animal Disease Lab		3847	11	GF	2,293	\$133,825	
4605 Entomology Lab/Grnhs		3848	11	GF	2,293		
		3849		GF	188	\$114,501	
4606 Insectary			11			\$13,500	
4608 Storage Shed		3850	31	GF	145	\$5,206	
4609 Sheep Shed		3851	31	GF	145	\$3,908	
4610 Chemical Storage		7171	31	GF	240	\$5,805	
4612 Machine Shed			31	GF	2,400	\$44,832	
4613 Animal Quarters		3852	31	GF	273	\$8,572	
4614 Adobe Shed		5007	31	GF	1,440	\$25,226	
4620 Supplementation Barn		5019	31	GF	2,688	\$15,044	
4621 Office		3853	16	GF	909	\$40,796	
4622 Calving Shed		3854	31	GF	2,400	\$64,686	
4623 Grain Storage		3855	31	GF	133	\$3,521	
4624 Grain Storage		3856	31	GF	133	\$3,521	
4625 Vehicle Shed		3857	31	GF	1,261	\$33,379	

4626 Feed Storage		3858	31	GF	1,261	\$33,379
4627 Barn		3859	31	GF	1,031	\$27,788
4628 North Residence		3860	52	OTHER	2,301	\$103,270
4629 South Residence		3861	52	OTHER	2,356	\$105,738
4630 Bunkhouse		3862	31	GF	1,987	\$89,177
4631 Shop/Storage		3863	31	GF	2,100	\$75,399
4632 Garage		3864	31	GF	436	\$15,654
4633 Lab/Storage		3865	31	GF	1,004	\$36,048
4634 Pump House		3866	31	GF	39	\$3,356
4635 Office/Shop						
		3867	31	GF	2,400	\$107,713
4651 CSFS-Golden/Dist Off		3877	16	GF	2,562	\$108,563
4652 CSFS-Golden/Quonset		3878	31	GF	4,141	\$98,687
4653 CSFS-Golden/Trailer		3879	31	GF	1,525	\$30,298
4654 CSFS-Golden/Storage		3880	31	GF	1,071	\$28,350
4655 CSFS-Golden/Field Buildin	ng		31	GF	633	\$16,756
4701 Residence		3881	52	OTHER	2,550	\$114,445
4702 Office/Machine Shop		3882	16	GF	1,696	\$68,516
4703 Machine Shed		3883	31	GF	3,007	\$107,964
4704 Greenhouse		3884	31	GF	1,467	\$52,669
4705 Laboratory/Offices		3885	16	GF	4,132	\$368,551
4706 Pole Barn		3886	31	GF	2,880	\$95,319
4711 Anim. Diagnostic Lab		3887	11	GF	2,758	\$222,837
4721 Barn		3888	31	GF	2,063	\$55,603
4722 Machine Shed		5002	31	GF	293	\$3,544
4723 Machine Shop		3889	31	GF	1,024	\$36,766
4724 Administration		3890	16	GF	3,292	\$147,746
4725 Bunkhouse		3891	31	GF	400	\$17,952
4729 Grain Bin		3894	31	GF	154	\$5,529
4730 Seed Conditioning		5160	31	GF	4,000	\$162,812
4731 Grain Bin		7182	31	GF		
					154	\$2,031
4732 Grain Bin		7178	31	GF	154	\$2,031
4741 Residence		3896	52	OTHER	2,414	\$108,341
4742 Barn		3897	31	GF	957	\$25,793
4743 Packing Shed		3898	31	GF	1,465	\$52,600
4744 Office/Laboratory		3899	16	GF	4,826	\$281,640
4745 Storage Shed		3900	31	GF	885	\$31,775
4748 Greenhouse		3903	11	GF	1,205	\$43,262
4750 Shop And Shed		3905	31	GF	2,448	\$87,893
4751 Headhouse/Insectary		3906	11	GF	1,598	\$114,744
4753 Storage		3908	31	GF	94	\$3,375
4755 Lath House		5017	31	GF	568	\$4,946
4756 Tank		7194	31	GF	472	\$3,014
4757 Viticulture Pmphouse		7343	31	GF	124	\$2,148
4758 Model 10 Pest. Strg.		7344	31	GF	63	\$11,611
4781 Residence		3910	52	OTHER	1,214	\$54,485
4783 New Cellar		3911	31	GF	9,033	\$324,323
4784 Office/Lab		3912	16	GF	4,236	\$248,339
4785 Lab/Storage		3913	11	GF	2,809	\$151,215
4786 Machine Shop		3914	31	GF	4,381	\$157,296
4787 Pump House		3915	31	GF	237	\$8,509
4788 Garage		3915	31	GF	1,898	\$68,146
4791 Greenhouse/Headhouse		7325		GF		
4792 Tool Shed		3919	11		10,027	\$204,033
			31	GF	121	\$4,344
4793 Gas House		3920	31	GF	204	\$7,324

4794	4 Grain Bin	3921	31	GF	254	\$9,120
	5 Grain Bin	3922	31	GF	154	\$5,529
4790	6 Grain Bin	3923	31	GF	154	\$5,529
	1 Administration	3924	16	GF	4,030	\$180,868
	2 Library	3925	17	GF	4,277	\$191,953
	4 Storage Shed	3926	31	GF	3,500	\$125,665
	ó Bus Garage	3928	30	GF	4,000	
	) Dwelling 19					\$194,756
	Dwelling 12	3930 3931	52	OTHER	1,816	\$81,503
			52	GF	1,581	\$70,956
	2 Dwelling 13	3932	52	OTHER	2,381	\$106,860
	3 Dwelling 14	3933	52	OTHER	2,314	\$103,853
	4 Dwelling 15	3934	52	OTHER	2,053	\$92,139
	5 Dwelling 18	3935	52	OTHER	2,604	\$116,868
	7 Dwelling 10	3936	52	OTHER	4,193	\$188,178
	3 Dwelling 20	3937	52	GF	420	\$18,850
4839	Machinery Shed	7187	31	GF	2,700	\$31,351
4840	) Garage	3938	31	GF	3,519	\$126,347
4841	Gas And Oil Building	3939	31	GF	240	\$8,617
4843	3 Dairy Barn	3940	31	GF	5,825	\$156,997
4844	Farm Shop	3941	31	GF	1,500	\$53,856
4845	6 Horse Barn	3942	31	GF	6,196	\$166,996
4846	Silo	3943	31	GF	154	\$5,529
	7 Cattle Shed	3944	31	GF	8,900	\$239,875
	3 Scale House	3945	31	GF	795	\$28,544
	Bull Barn	3946	31	GF	6,830	\$184,084
	) Granary	3947	31	GF	3,000	\$107,713
	Calf Shed	3948	31	GF	480	\$12,937
	Pump House	3949	31	GF	640	\$22,979
		3950	31	GF	2,560	\$78,529
	' Hay Barn	3951	31	GF	1,400	\$37,733
	Pole Barn	3952	31	GF	2,400	
	Pole Barn					\$64,686
	) Pole Barn	3953	31	GF	2,800	\$75,466
	Cattle Shed	3954	31	GF	512	\$13,800
	2 Cattle Shed	3955	31	GF	420	\$11,320
	3 Cattle Shed	3956	31	GF	360	\$9,703
	) Shop	3957	31	GF	1,600	\$48,290
	Office	3958	16	GF	1,569	\$63,933
	2 Pole Barn		31	GF	1,800	
	Pesticide Storage		31	GF	144	
4884	Hay Barn		31	GF	5,616	
4891	Laboratory/Office	3960	11	GF	6,042	\$352,626
4892	? Greenhouse	3961	11	GF	1,000	\$35,902
4893	Shop/Storage	3962	31	GF	2,430	\$87,247
	Scale House	3963	31	GF	336	\$12,064
4896	Animal Shelter	3965	31	GF	800	\$2,824
4901	Residence/Duplex	3966	52	GF	3,169	\$142,226
	Residence	3967	52	GF	4,064	\$182,394
	Office/Lab	3968	16	GF	5,714	\$282,125
	Garage	3969	31	GF	513	\$18,419
	Machine Shed	3970	31	GF	2,027	\$72,778
	Garage/Onion Drying	3971	31	GF	3,866	\$138,806
	Potato Cellar	3972	31	GF	3,053	\$109,616
	Pump House	3973	31	GF	122	\$4,380
	Storage Shed	3974	31	GF	42	\$1,508
-711		0774	01	01	72	\$1,000

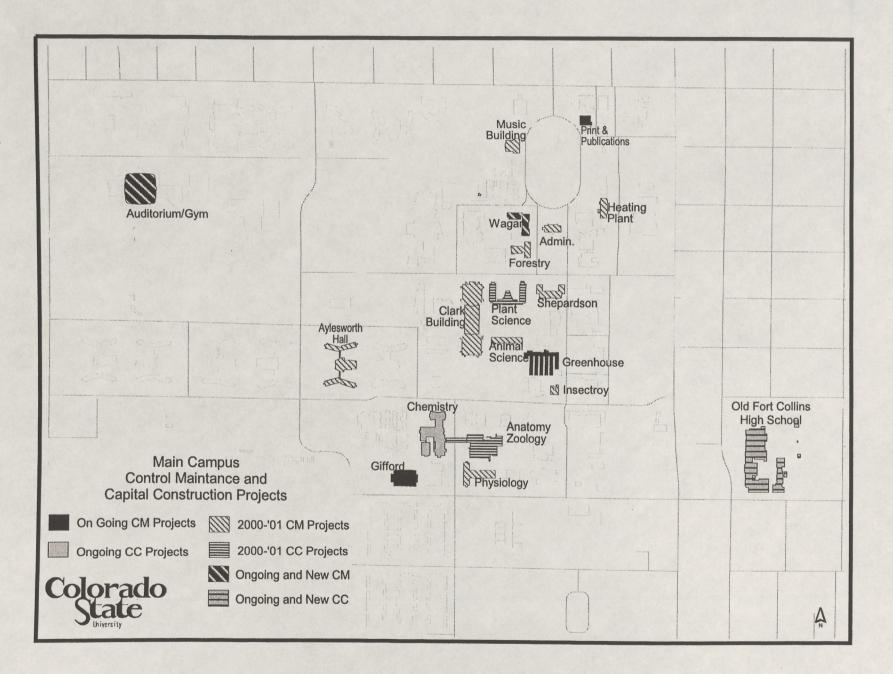
4912	Machine Shed	3975	31	GF	1,555	\$55,831
4913	Well House	3976	31	GF	71	\$2,549
4914	Office Building	5011	16	GF	2,333	\$124,804
4915	Radome	5012	11	GF	3,706	\$149,805
6021	CSFS-Alamosa/Shop	3977	31	GF	2,000	\$29,300
6121	CSFS-Boulder/Office	3978	16	GF	952	\$14,526
	CSFS-Boulder/Storage	3979	31	GF	4,320	\$63,288
	Petroleum Building		16	OTHER	36,346	\$1,161,051
	CSFS-Franktown Office/Garage		16	GF	3,540	\$96,385
	CSFS-Canon City/Off.	3980	16	GF	1,440	\$173,219
6422	CSFS-Canon City/Stor	3981	31	GF	2,400	\$35,162
	CSFS-La Veta/Office	3982	16	GF	775	\$11,821
6542	CSFS-La Veta/Storage	3983	31	GF	720	\$10,549
6662	CSFS-Durango/Storage	3985	31	GF	2,000	\$30,507
6664	CSFS-Durango/Office		16	GF	1,800	\$229,104
6761	CSFS-Grand Junction Office		16	OTHER	954	\$107,153
6863	CSFS Ft Morgan/Offc.		16	GF	2,607	\$219,883
	CSFS-La Junta/Office	3990	16	GF	1,600	\$23,440
201	CSFS-Woodland/Stor.		31	OTHER	2,304	\$33,762
7183	CSFS Woodland Office - # 1		16	OTHER	609	\$29,028
7184	CSFS Woodland Main Office	5145	16	GF	1,848	\$218,727
А	Site/Utility	0		GF	-	\$0
					8,227,021	\$828,673,820

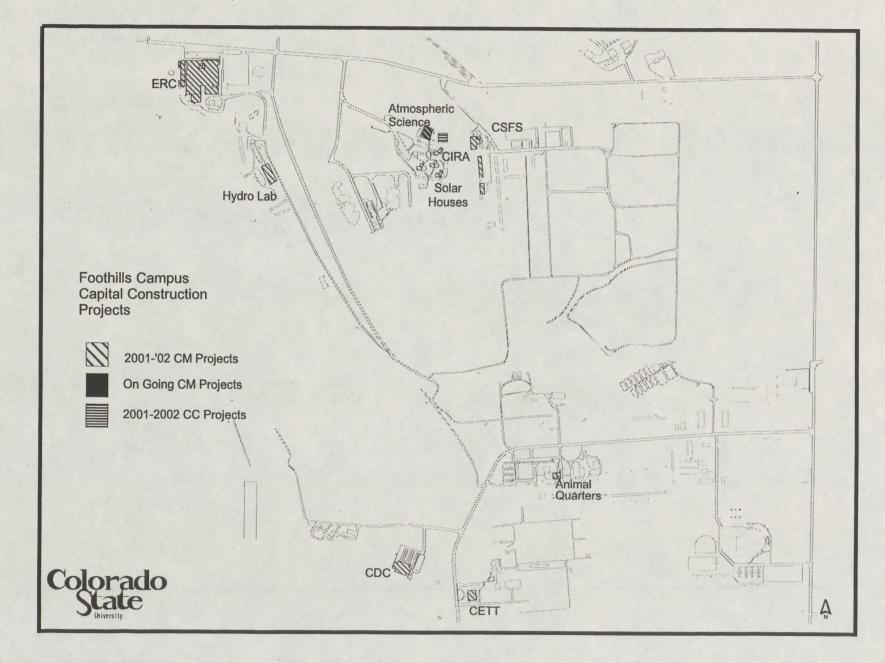
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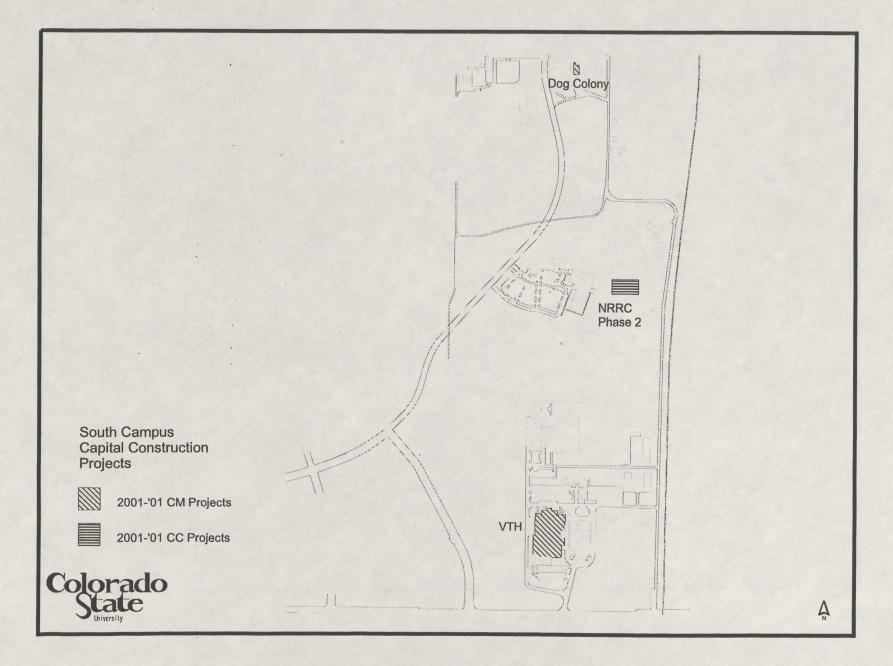
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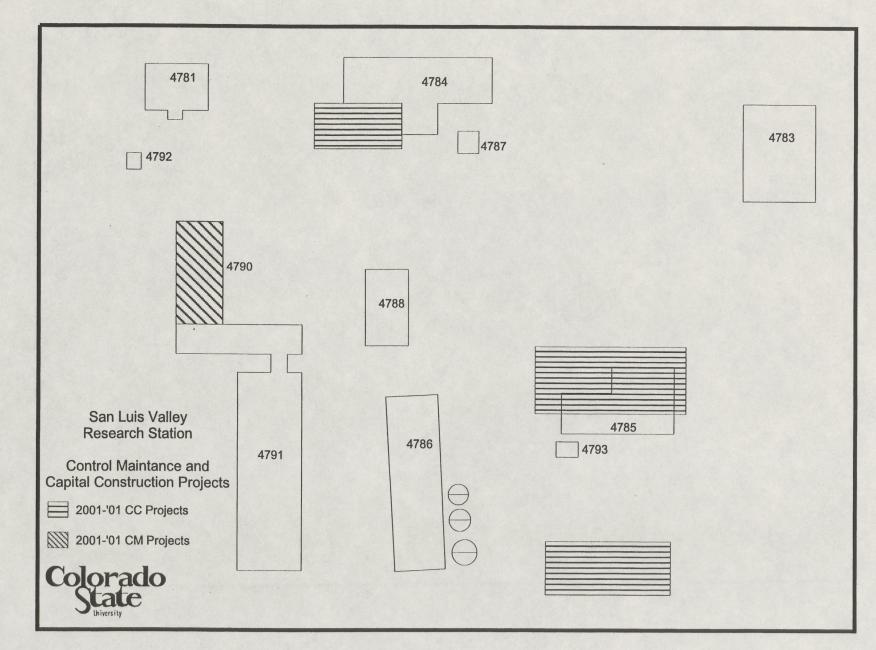
**CAMPUS MAPS** 

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