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Colorado State University

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** **Voting Member**	3600 Republic Plaza 370 Seventeenth St Denver, CO 80202-4004	Telephone Fax Number Term Expires	(303) 592-4821 (303) 592-4819 2001
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Patrick Garcia	**Executive Committee** **Voting Member**	Peterson & Fonda, P.C. 215 West Second St Pueblo, CO 81002-0035	Telephone Fax Number Term Expires	(719) 545-9330 (719) 542-8515 2002
William W. Warren	**Executive Committee** **Voting Member**	William W. Warren 2340 West County Rd 55 Keenesburg, CO 80643	Telephone Fax Number Term Expires	(303) 732-4505 (303) 732-4505 2002
Donald A. Hamstra	**Voting Member**	Brighton Medical Group 1929 Egbert Brighton, CO 80601	Telephone Fax Number Term Expires	(303) 654-1800 (303) 659-8270 2003
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Jeff Shoemaker	**Voting Member**	Greenway Foundation 1752 Platte St, Suite 200 Denver, CO 80202	Telephone Fax Number Term Expires	(303) 455-7158 (303) 455-7234 2003

SBA Membership as of June 15, 2000

Michael J. Stratton	Voting Member	Stratton Companies	Telephone	(303) 377-6992
		6 Bald Eagle	Fax Number	(303) 972-2043
		Littleton, CO 80127	Term Expires	2001
Albert C. Yates	Secretary/Treasurer	State Board of Agriculture	Telephone	(303) 534-6290
	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) 534-6290
	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) 491-5947
	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) 491-5931
	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
		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
		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
		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

Colorado State University

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	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

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Judy Schmidt	Deputy General Counsel
Donna Aurand	Associate Legal Counsel
Laurence Pendleton	Associate Legal Counsel
Beverly Michoski	Deputy Secretary
Donna Flygare	Denver Office Staff

SUMMARY

CONTROLLED MAINTENANCE REQUEST SUMMARY

FY 2001/02

CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2001/02
STATE BUILDINGS PROGRAMS

1) Agency: Colorado State University

2) Department: Higher Education

3) Date: July 28, 2000

4) PROJ. M#	PHYS. PLANT ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE $	Agency Priority # AP	Operational Criteria x OC	Critical Index x CI	Project Score = PS
				7) Nos. 1-5	8) Nos. 1-3	9)	10)
M90025	7299	East Drive to Center Street Steam Loop Phase 3 of 3 Total Project Cost: Prior Appropriation: 2001/02 Year Request: Project Balance:	 $1,207,630 $588,244 $619,386 $0	1	2		
M00032	597	Replace Det. Items - Wagar BRP Phase 2 of 3 Total Project Cost: Prior Appropriation: 2001/02 Year Request: Project Balance:	 $2,021,303 $660,413 $684,877 $676,013	1	2		
M00034	101	Replace Det. Roofing Phase 2 of 2 Total Project Cost: Prior Appropriation: 2001/02 Year Request: Project Balance:	 $793,190 $464,260 $328,930 $0	1	2		
M00033	500	Replace Det. Roads & Sidewalks Phase 2 of 5 Total Project Cost: Prior Appropriation: 2001/02 Year Request: Project Balance:	 $1,698,898 $544,500 $293,191 $861,207	1	1		
	1700	Replace Det. Items - San Luis Valley & CSFS Foot 1 of 1 Total Project Cost: Prior Appropriation: 2001/02 Year Request: Project Balance:	 $294,042 $0 $294,042 $0	1	2		

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

4) PROJ. M#	PHYS. PLANT ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE $	Agency Priority # AP	Operational Criteria x OC	Critical Index x CI	Project Score = PS
				7) Nos. 1-5	8) Nos. 1-3	9)	10)
		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				

CONTROLLED MAINTENANCE 5 YEAR PLAN

FY 2001/02

CMP

FORM CMP - 5 YEAR CONTROLLED MAINTENANCE PLAN

Colorado State University **Facilities Management Department** **August 14, 2000**

AP	M#	Project Number	Project Title	Total Project Cost	Prior Approp	FY 2001/02 Request	FY 2002/03 Request	FY 2003/04 Request	FY 2004/05 Request	FY 2005/06 Request
1	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			
1	00034	1-01	Replace Det. Roofing - Phase 2 of 2	$793,190	$464,260	$328,930				
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				
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				
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				
1		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		
2		7-04	Replace Epoxy Flooring - Painter Center - Phase 1 of 1	$243,007			$243,007			
2		18-00	Chilled Water Loop - Phase 1 of 5	$7,927,735			$1,585,547	$1,585,547	$1,585,547	$1,585,547
2		4-00	Replace Det. Items - Military Science Annex BRP - Phase 1 of 1	$415,564			$415,564			
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				$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	
2		10-00	Replace Det. Items - Military Science BRP - Phase 1 of 1	$621,376				$621,376		
2		16-00	Repair Sanitary Sewers - Basin C - Phase 1 of 3	$1,863,648					$621,216	$621,216
2		8-02	Replace Ductwork - Physiology - Phase 1 of 3	$1,705,854					$670,332	$643,845
3		1-02	Utility LRP - Durward Hall & Aylesworth Steam Lines Phase 1 of 1	$468,792					$468,792	
3		6-98	Replace Det. Items - Shepardson BRP - Phase 1 of 3	$1,968,088					$617,314	$797,031
3		11-00	Replace Det. Items - Animal Science BRP - Phase 1 of 3	$1,770,518					$606,733	$686,802
3		7-03	Repair Utilities - Pingree Park - Phase 1 of 1	$512,500						$512,500
3		9-00	Replace Det. Items - Insectary, Potato Virus - Phase 1 of 2	$604,069						$237,641
3		4-01	VAV Fume Hood Controls - Chemistry - Phase 1 of 2	$973,750						$486,875
3		2-02	Replace Det. Items - Lake Street Greenhouse BRP - Phase 1 of 2	$877,896						$438,948
3		4-02	Replace Det. Electrical - Clark "A" Wing - Phase 1 of 3	$1,354,929						
3		5-02	Replace Det. Classroom Seating - Phase 1 of 3	$1,215,994						
3		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						
3		99-01	Unprioritized Deferred Maintenance	$117,373,223						
			DEFERRED MAINTENANCE TOTAL	$160,006,699		$5,495,207	$6,408,378	$7,295,706	$7,071,197	$6,870,648

CONTROLLED MAINTENANCE
PROJECT REQUESTS

PRIORITY 1

FY 2001/02

PRIORITY 1

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 7299

SBP Project m# M90025

4) Agency Priority # 1

5) Project Title East Drive to Center Street Steam Loop Phase 3 of 3

B. FACILITY 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	$33,585,000
			0								$33,585,000

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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 $ _____ **/GSF; OTHER:** _____/_____

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? No **Describe project(s):**

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 REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

Controlled Maintenance Project Phase Estimate

7299 **East Drive to Center Street Steam Loop**

Phase #: 3 **Phase FY: 2001/02**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Steam & cond. lines in new tunnel	526	LF	$1,070.49	$563,078
				Subtotal	*$563,078*
				Contingency	*$56,308*
				A/E Fees	*$0*
				SBP Costs	*$0*
				Phase Total	*$619,386*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

PRIOR PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Actual Appropriation)	
M90025	7299	1999/00	1	$149,000	
M90025	7299	2000/01	2	$439,244	
				$588,244	(subtotal)

CURRENT PHASE REQUESTED

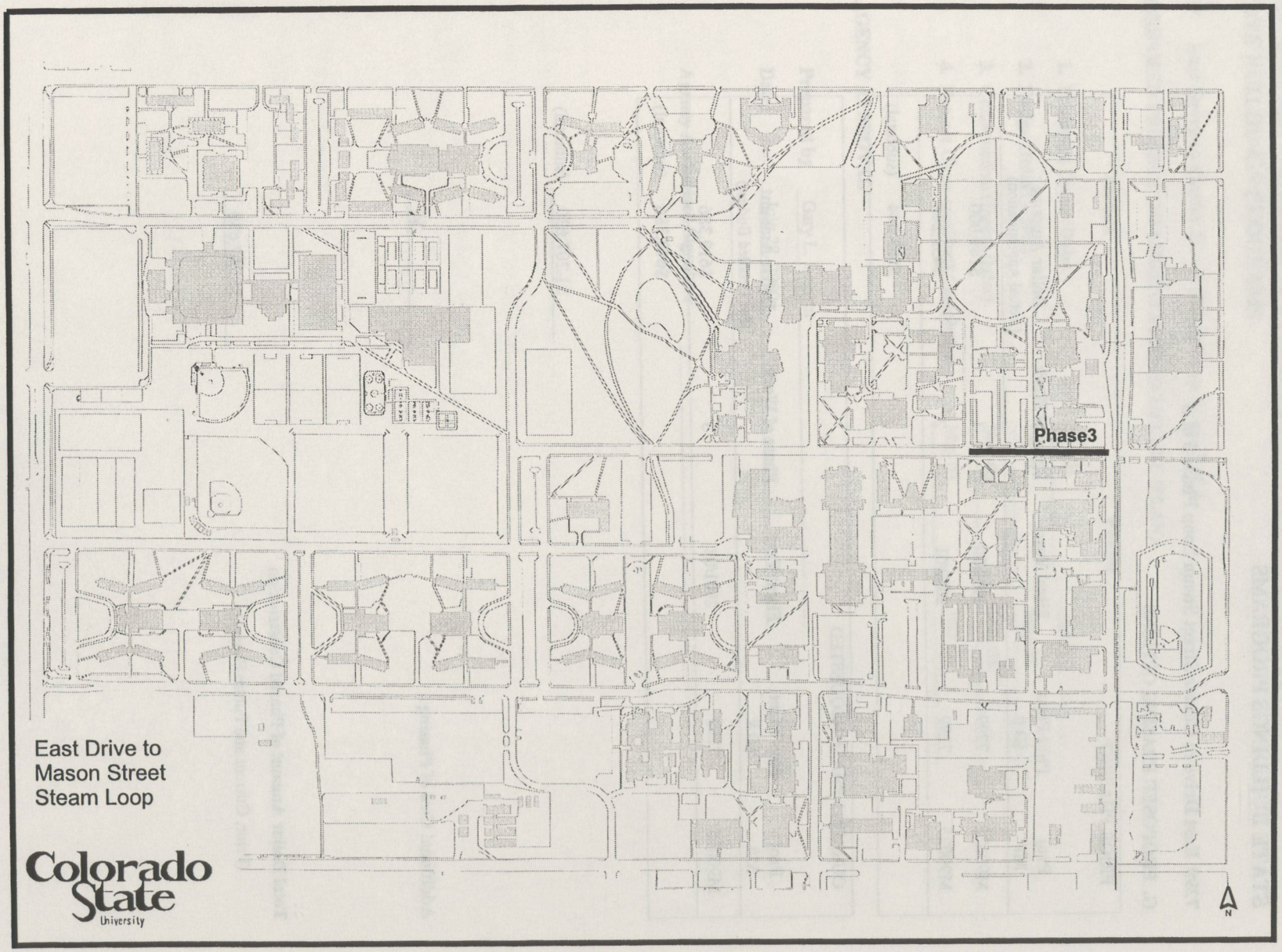
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
M90025	7299	2001/02	3	$619,386	
				$619,386	(subtotal)

$1,207,630 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,207,630


Phase3
East Drive to
Mason Street
Steam Loop
Colorado
State
University
N

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 597

SBP Project m# M00032

4) Agency Priority # 1

5) Project Title Replace Det. Items - Wagar BRP Phase 2 of 3

B. FACILITY PROFILE

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							$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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Replace heating system - north side	23,235	SF	$15.35	$356,680
2	Repalce electrical system - east side	24,925	SF	$10.67	$265,935

Subtotal	*$622,615*
Contingency	*$62,262*
A/E Fees	*$0*
SBP Costs	*$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*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

PRIOR PHASING

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

CURRENT PHASE REQUESTED

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

FUTURE 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. Wagar ***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 College, Laboratory ***SBP Class:*** 11 Science

Replacement Cost: $5,685,288.00 ***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

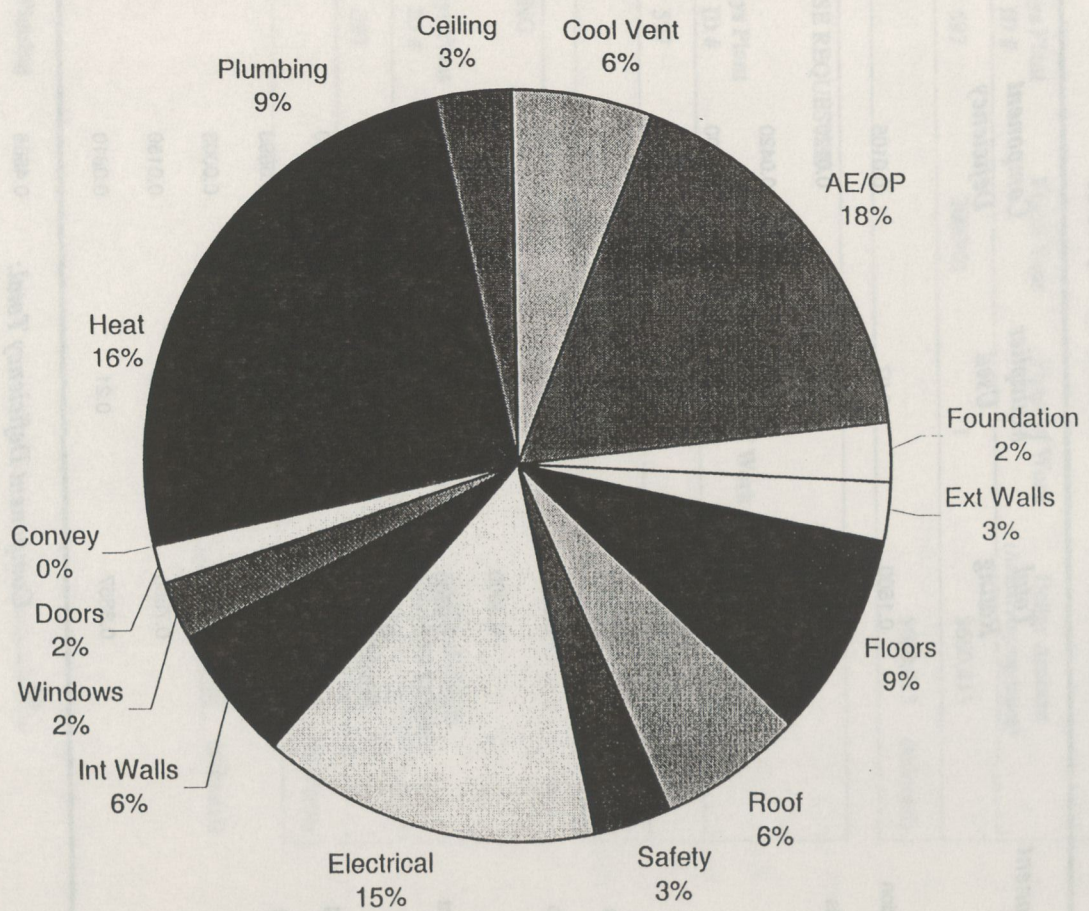
Outstanding Maintenance: $2,652,962.98

Facilities 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)

J.V.K. Wagar


Ceiling
3%
Cool Vent
6%
Plumbing
9%
AE/OP
18%
Heat
16%
Foundation
2%
Ext Walls
3%
Convey
0%
Doors
2%
Windows
2%
Int Walls
6%
Floors
9%
Roof
6%
Safety
3%
Electrical
15%

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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
Solar 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
			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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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 Phase FY: 2001/02

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Admin. - demolition	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*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

101 Replace Det. Roofing Phase 2 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

101 Replace Det. Roofing Phase 2 of 2

G. PROPOSED PHASING OPTIONS

PRIOR PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Actual Appropriation)	
M00034	101	2000/01	1	$464,260	
				$464,260	(subtotal)

CURRENT PHASE REQUESTED

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

$793,190 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $793,190

Facilities Audit Program
Building Summary

Building Name: Administration ***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 ***No. of Stories:*** 3

Classification: M460 Office Building ***SBP Class:*** 16 Office

Replacement Cost: $3,170,100.00 ***Cost Per SF:*** $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

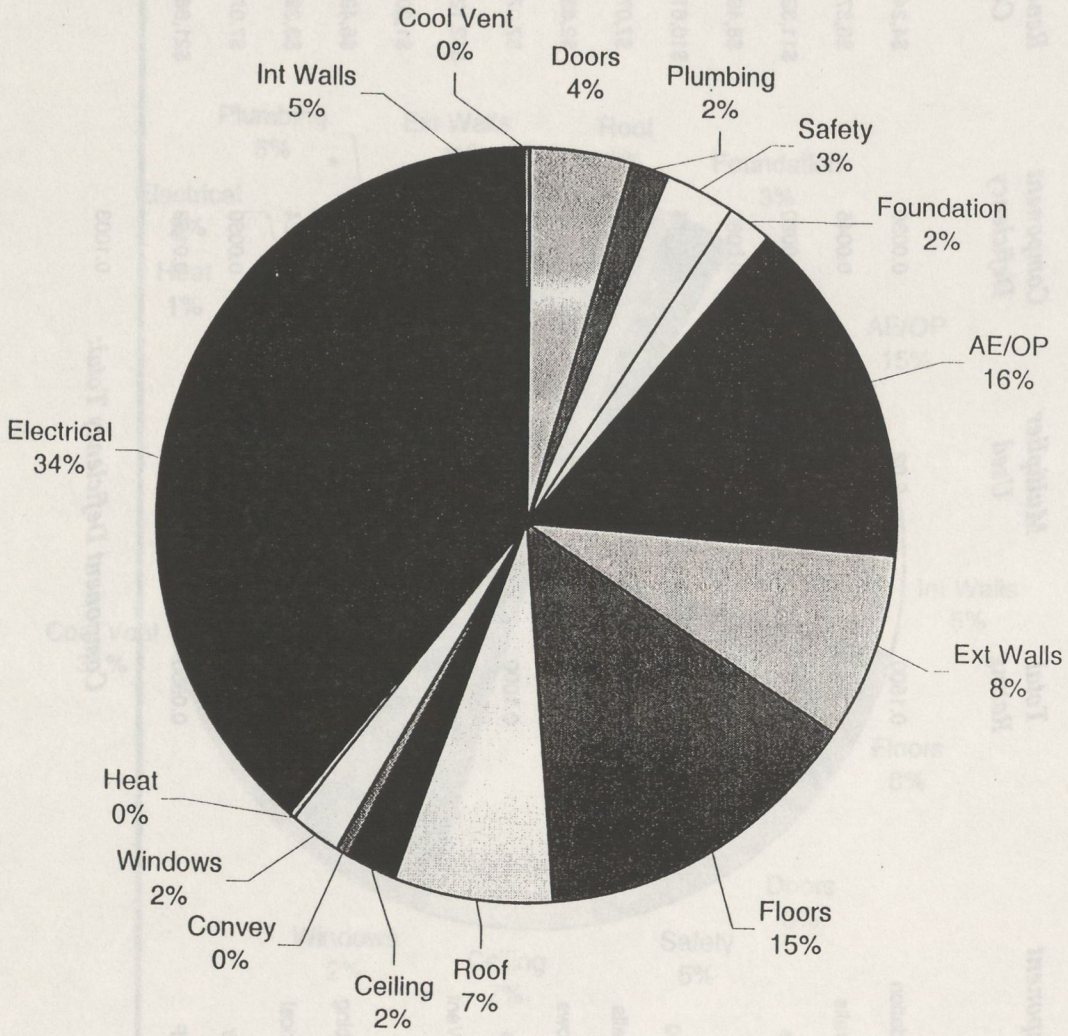
Outstanding Maintenance: $1,067,787.96

Facilities 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)

Administration



Facilities Audit Program
Building Summary

Building Name: Coop Institute 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. of Stories:*** 1

Classification: M460 Office Building ***SBP Class:*** 11 Science

Replacement Cost: $1,415,840.00 ***Cost Per SF:*** $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

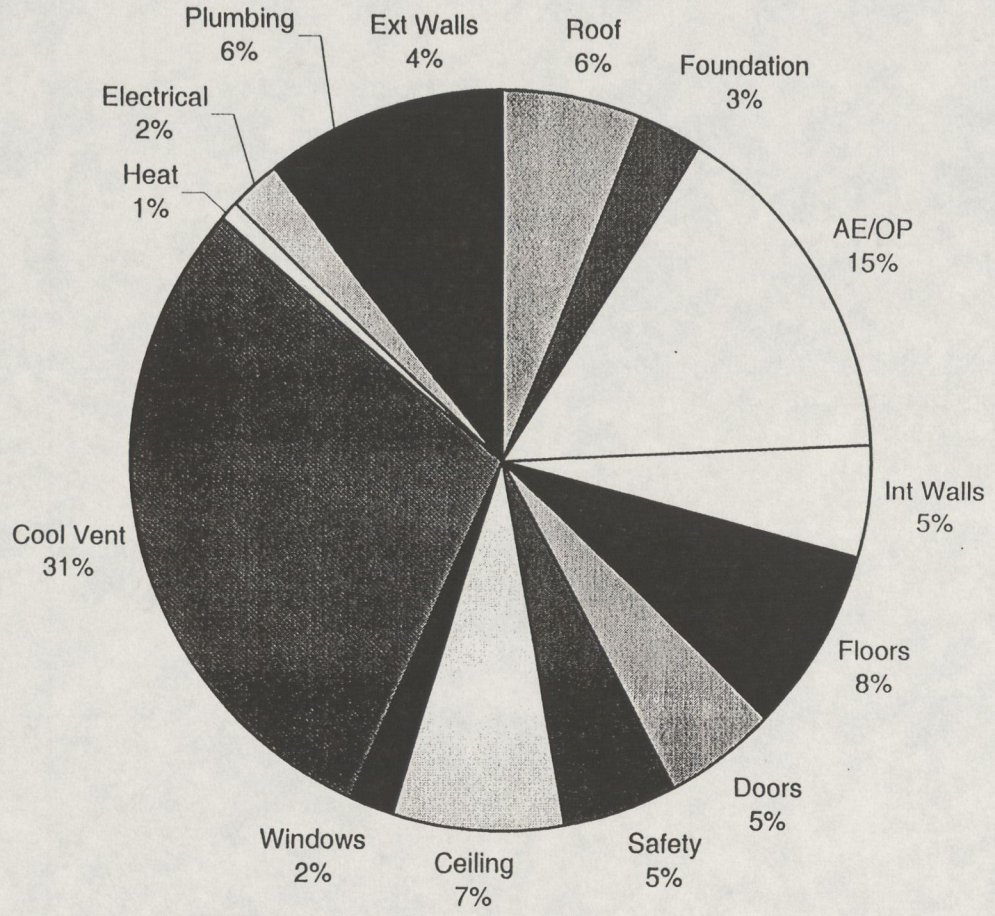
Outstanding Maintenance: $142,008.76

Facilities Condition Index (FCI): 89.97

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)

C.I.R.A.


Plumbing
6%
Ext Walls
4%
Roof
6%
Foundation
3%
Electrical
2%
Heat
1%
AE/OP
15%
Int Walls
5%
Cool Vent
31%
Floors
8%
Doors
5%
Windows
2%
Ceiling
7%
Safety
5%

Facilities Audit Program
Building Summary

Building Name: Engr. Res. Center ***Number:*** 1101

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

Component Deficiency Total: 0.2738

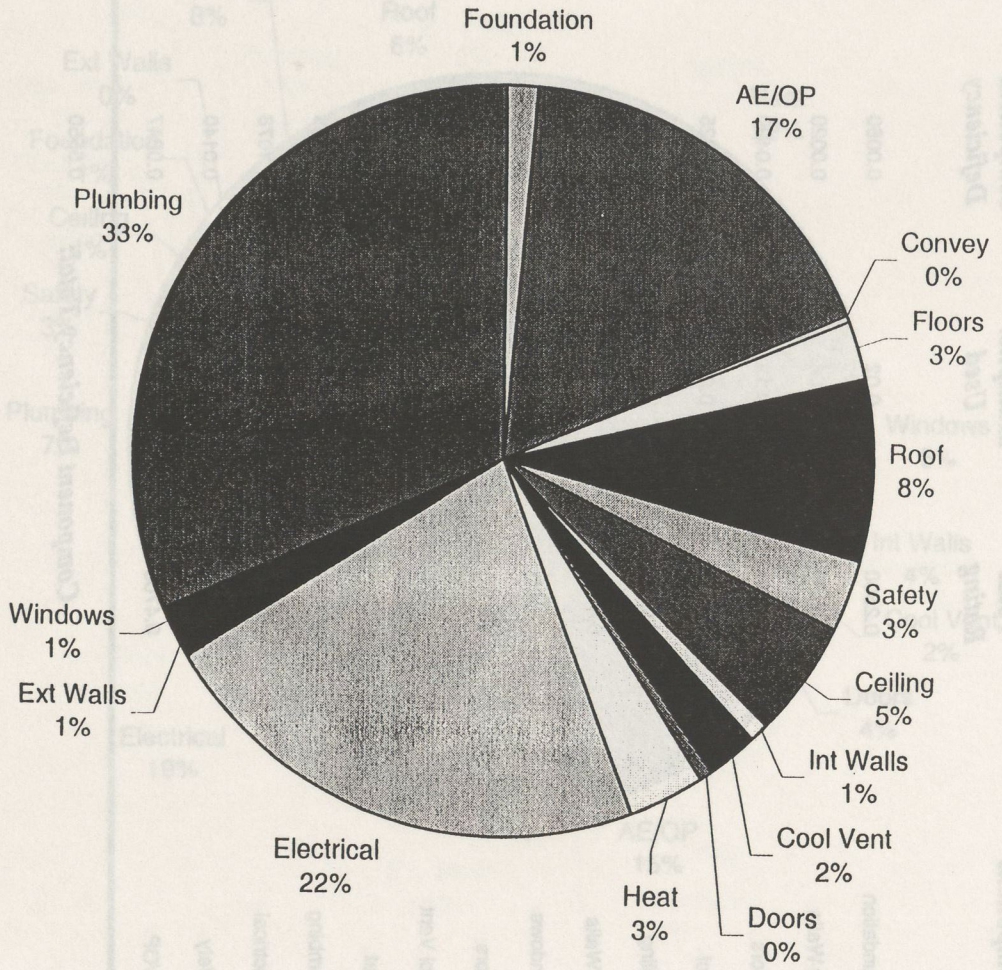
Outstanding Maintenance: $5,046,485.51

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)

Engineering Research Center



Facilities Audit Program
Building Summary

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. of Stories:*** 2

Classification: M120 Classroom, 2-3 Story ***SBP Class:*** 10 Classroom/Office

Replacement Cost: $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

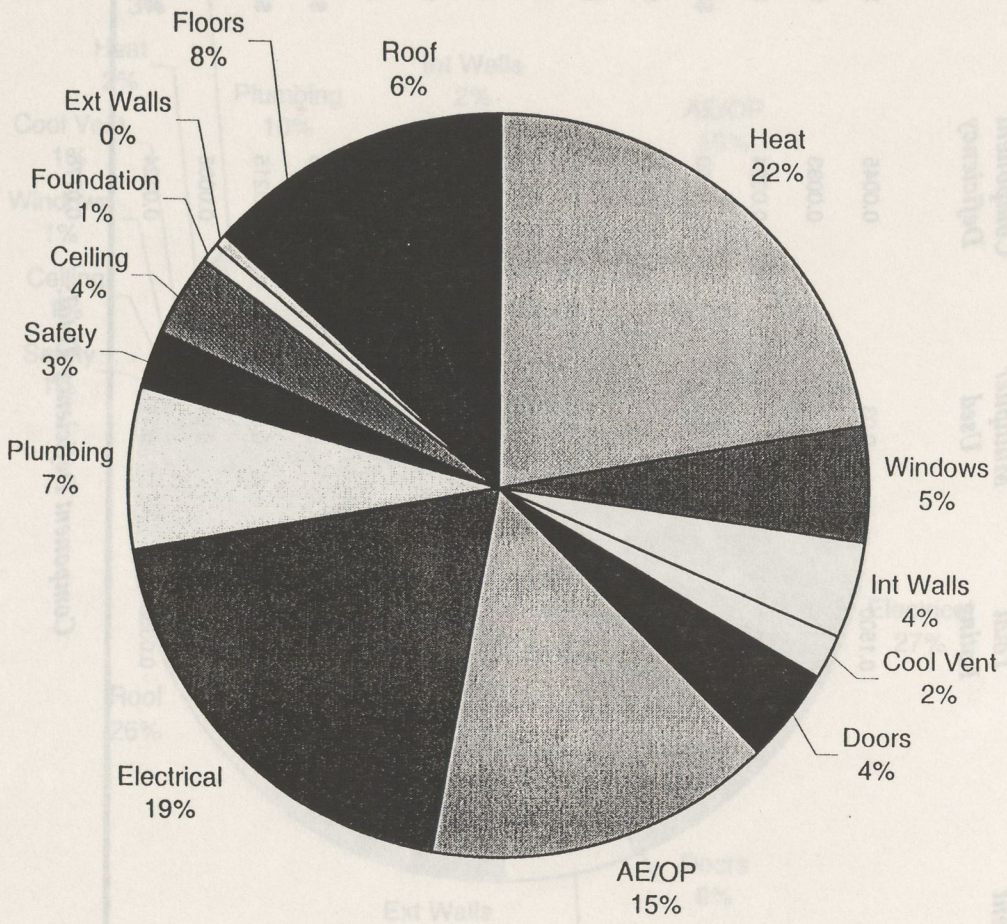
Outstanding Maintenance: $1,508,433.22

Facilities Condition Index (FCI): 44.50

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


Floors
8%
Roof
6%
Ext Walls
0%
Heat
22%
Foundation
1%
Ceiling
4%
Safety
3%
Plumbing
7%
Windows
5%
Int Walls
4%
Cool Vent
2%
Doors
4%
Electrical
19%
AE/OP
15%

Facilities Audit Program
Building Summary

Building Name: Heating Plant ***Number:*** 0068

Construction Date: 1915 ***Gross Square Feet:*** 19,416 ***Net Square Feet:*** 15,971

Date of Audit: 10/19/1998 ***Cycle:*** 3 ***Phase:*** 2 ***No. of Stories:*** 2

Classification: M510 Racquetball Court ***SBP Class:*** 30 Physical Plant Service

Replacement Cost: $15,008,568.00 ***Cost Per SF:*** $773.00

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

Component Deficiency Total: 0.0775

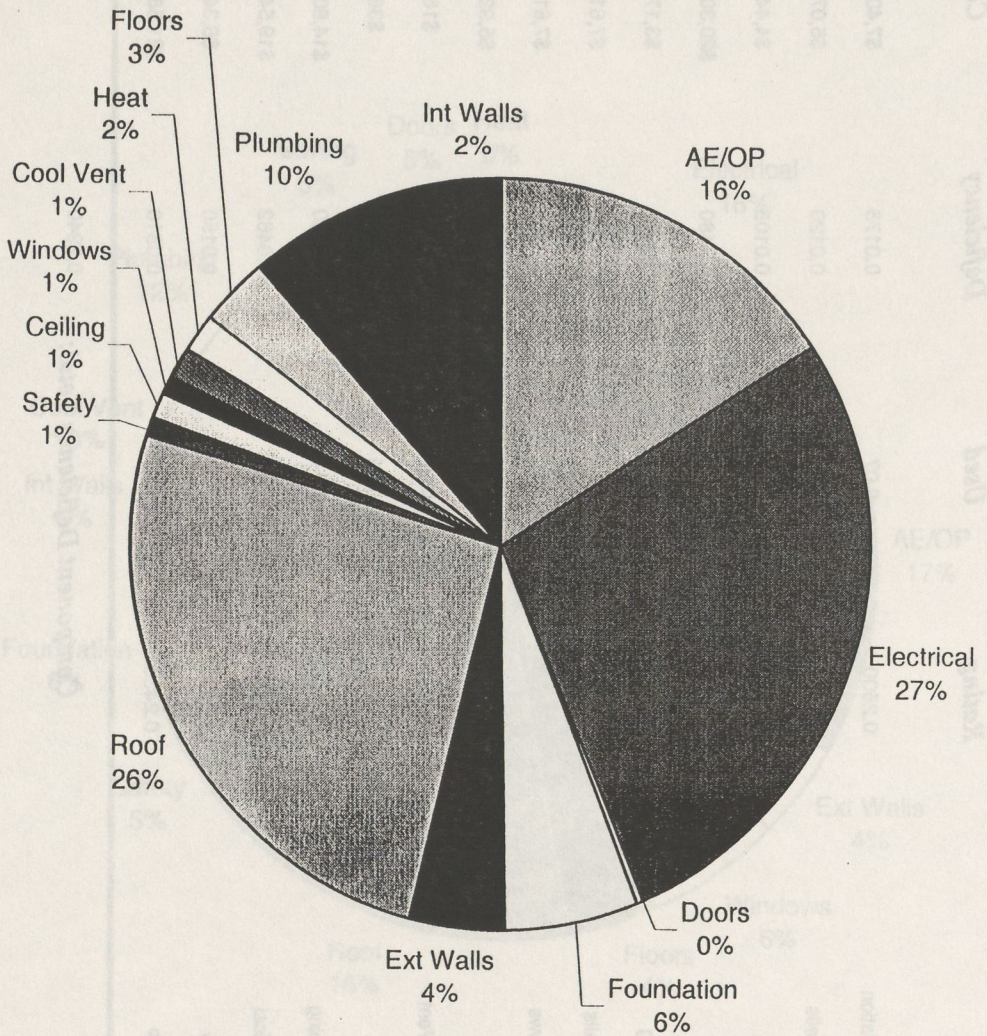
Outstanding Maintenance: $1,163,859.67

Facilities Condition Index (FCI): 92.25

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)

Heating Plant



Facilities Audit Program
Building Summary

Building Name: Insectary ***Number:*** 0105

Construction Date: 1967 ***Gross Square Feet:*** 4,313 ***Net Square Feet:*** 3,955

Date of Audit: 12/27/1999 ***Cycle:*** 3 ***Phase:*** 3 ***No. of Stories:*** 1

Classification: M150 College, Laboratory ***SBP Class:*** 11 Science

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

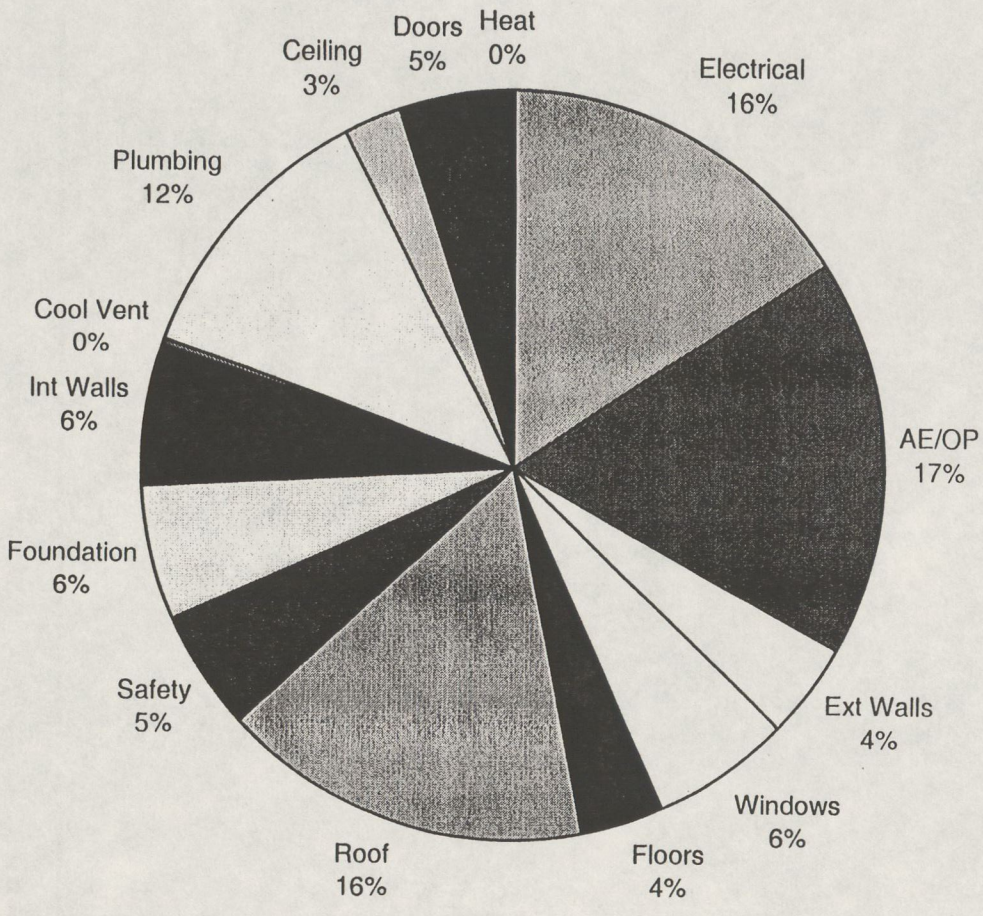
Outstanding Maintenance: $124,392.92

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


Heat
0%
Doors
5%
Ceiling
3%
Electrical
16%
Plumbing
12%
Cool Vent
0%
Int Walls
6%
AE/OP
17%
Foundation
6%
Safety
5%
Ext Walls
4%
Windows
6%
Roof
16%
Floors
4%

Facilities Audit Program
Building Summary

Building Name: Solar Energy House 1 ***Number:*** 1122

Construction Date: 1974 ***Gross Square Feet:*** 4,558 ***Net Square Feet:*** 4,246

Date of Audit: 03/22/1999 ***Cycle:*** 3 ***Phase:*** 2 ***No. of Stories:*** 1

Classification: M460 Office Building ***SBP Class:*** 12 Engineering

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

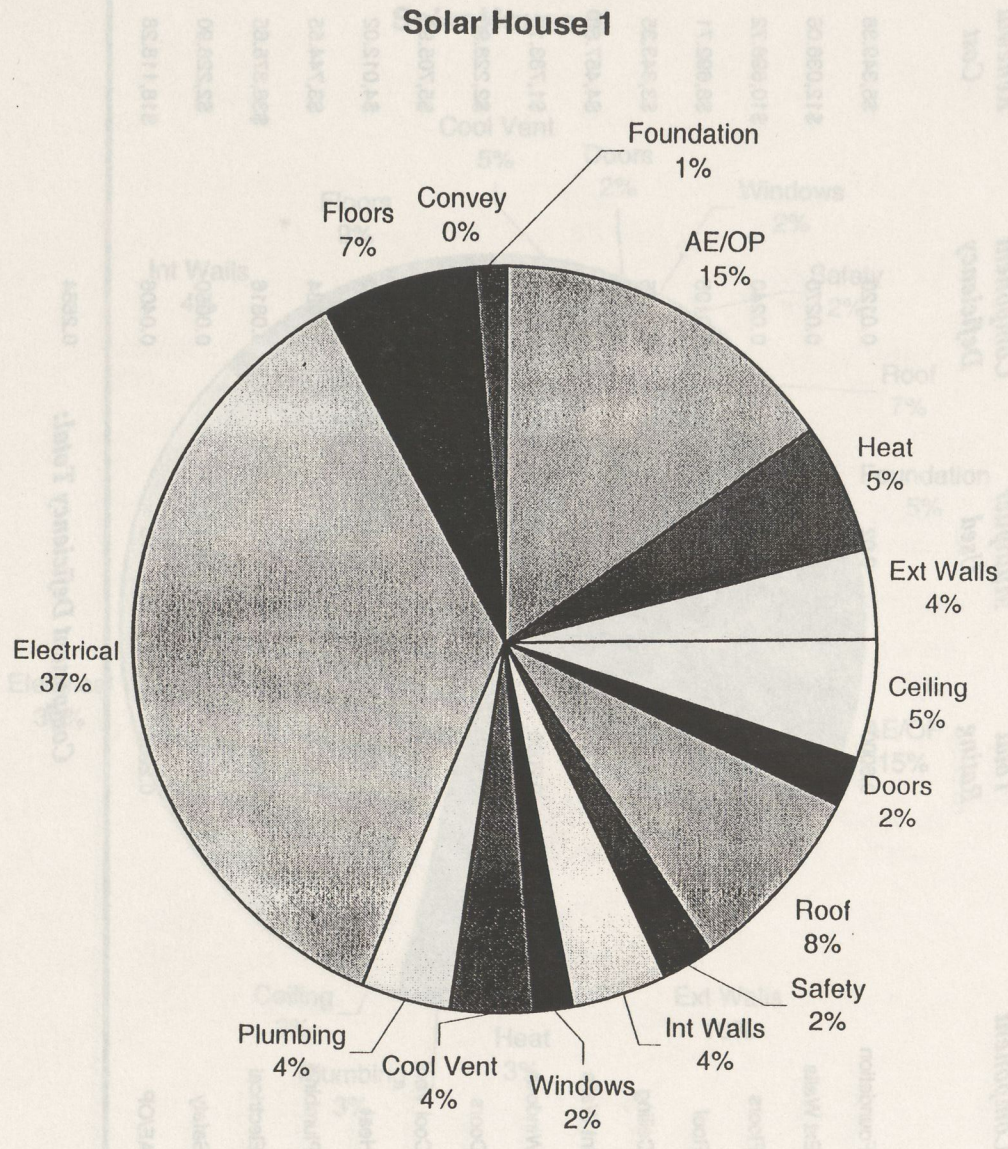
Component Deficiency Total: 0.2325

Outstanding Maintenance: $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)


Solar House 1
Foundation 1%
Convey 0%
Floors 7%
AE/OP 15%
Heat 5%
Ext Walls 4%
Ceiling 5%
Doors 2%
Roof 8%
Safety 2%
Int Walls 4%
Windows 2%
Cool Vent 4%
Plumbing 4%
Electrical 37%

Facilities Audit Program
Building Summary

Building Name: Solar Energy 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 Stories:*** 1

Classification: M460 Office Building ***SBP Class:*** 12 Engineering

Replacement Cost: $445,780.00 ***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

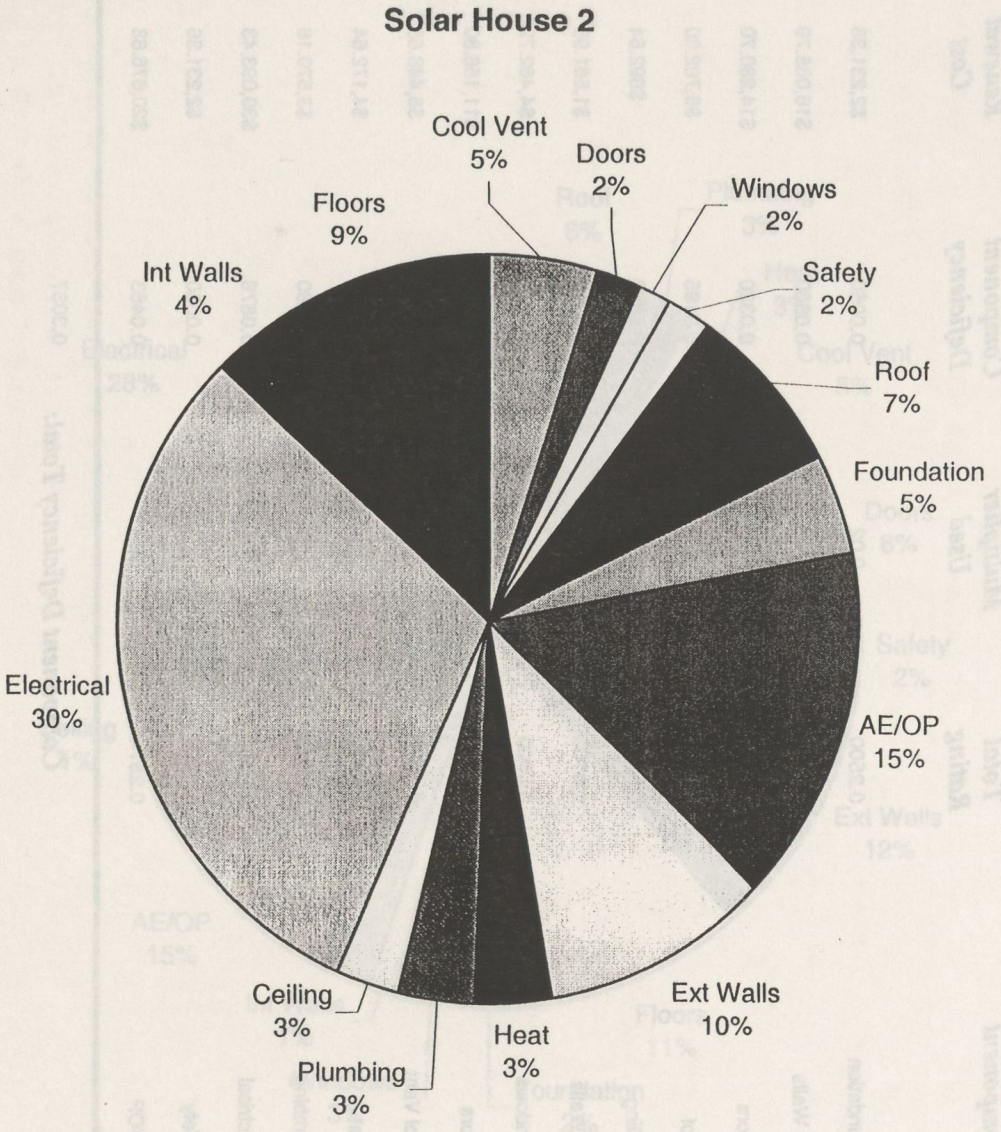
Component Deficiency Total: 0.2664

Outstanding Maintenance: $118,775.41

Facilities 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)


Solar House 2
Cool Vent 5%
Doors 2%
Windows 2%
Floors 9%
Safety 2%
Int Walls 4%
Roof 7%
Foundation 5%
Electrical 30%
AE/OP 15%
Ceiling 3%
Ext Walls 10%
Heat 3%
Plumbing 3%

Facilities Audit Program
Building Summary

Building Name: Solar Energy House 3 ***Number:*** 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 Building ***SBP Class:*** 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

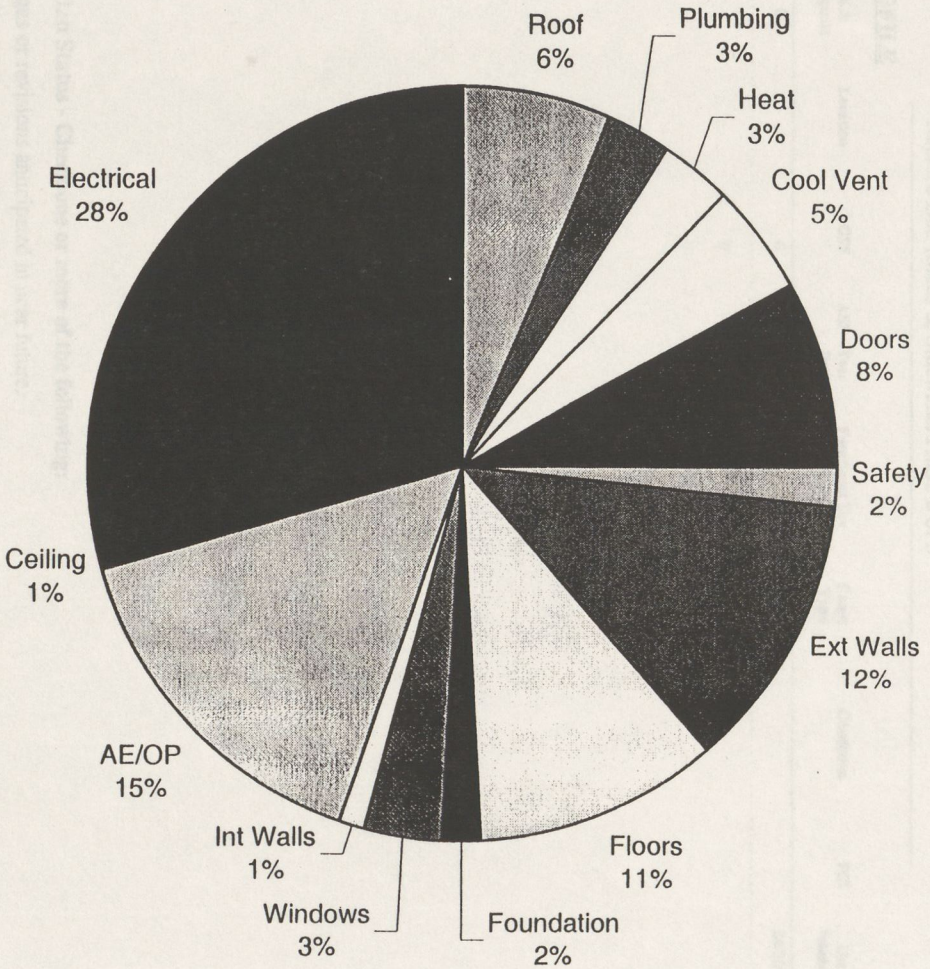
Outstanding Maintenance: $135,547.09

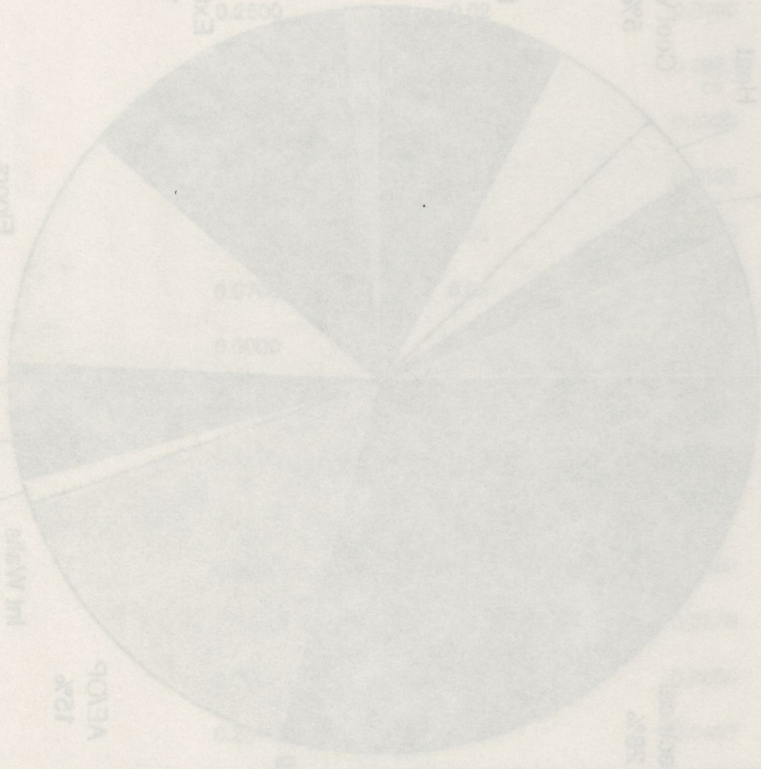
Facilities Condition Index (FCI): 69.63

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)

Solar House 3





CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 500

SBP Project m# M00033

4) Agency Priority # 1

5) Project Title Replace Det. Roads & Sidewalks Phase 2 of 5

B. FACILITY 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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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; 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? No **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 REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

Controlled Maintenance Project Phase Estimate

500 **Replace Det. Roads & Sidewalks**

Phase #: 2 **Phase FY: 2001/02**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	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
4	Reconst. Mason St. @ TCCP	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 REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

Controlled Maintenance Project Phase Estimate

500 **Replace Det. Roads & Sidewalks**

Phase #: 3 **Phase FY: 2002/03**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
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

Subtotal	*$236,386*
Contingency	*$23,639*
A/E Fees	*$0*
SBP Costs	*$0*
Phase Total	*$260,024*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

Controlled Maintenance Project Phase Estimate

500 **Replace Det. Roads & Sidewalks**

Phase #: **4** **Phase FY: 2003/04**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Overlay N. Dr. @ Green Hall	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

Subtotal	*$261,990*
Contingency	*$26,199*
A/E Fees	*$0*
SBP Costs	*$0*
Phase Total	*$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	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

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

500 Replace Det. Roads & Sidewalks Phase 2 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

500 Replace Det. Roads & Sidewalks Phase 2 of 5

G. PROPOSED PHASING OPTIONS

PRIOR PHASING

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

CURRENT PHASE REQUESTED

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

FUTURE PHASING

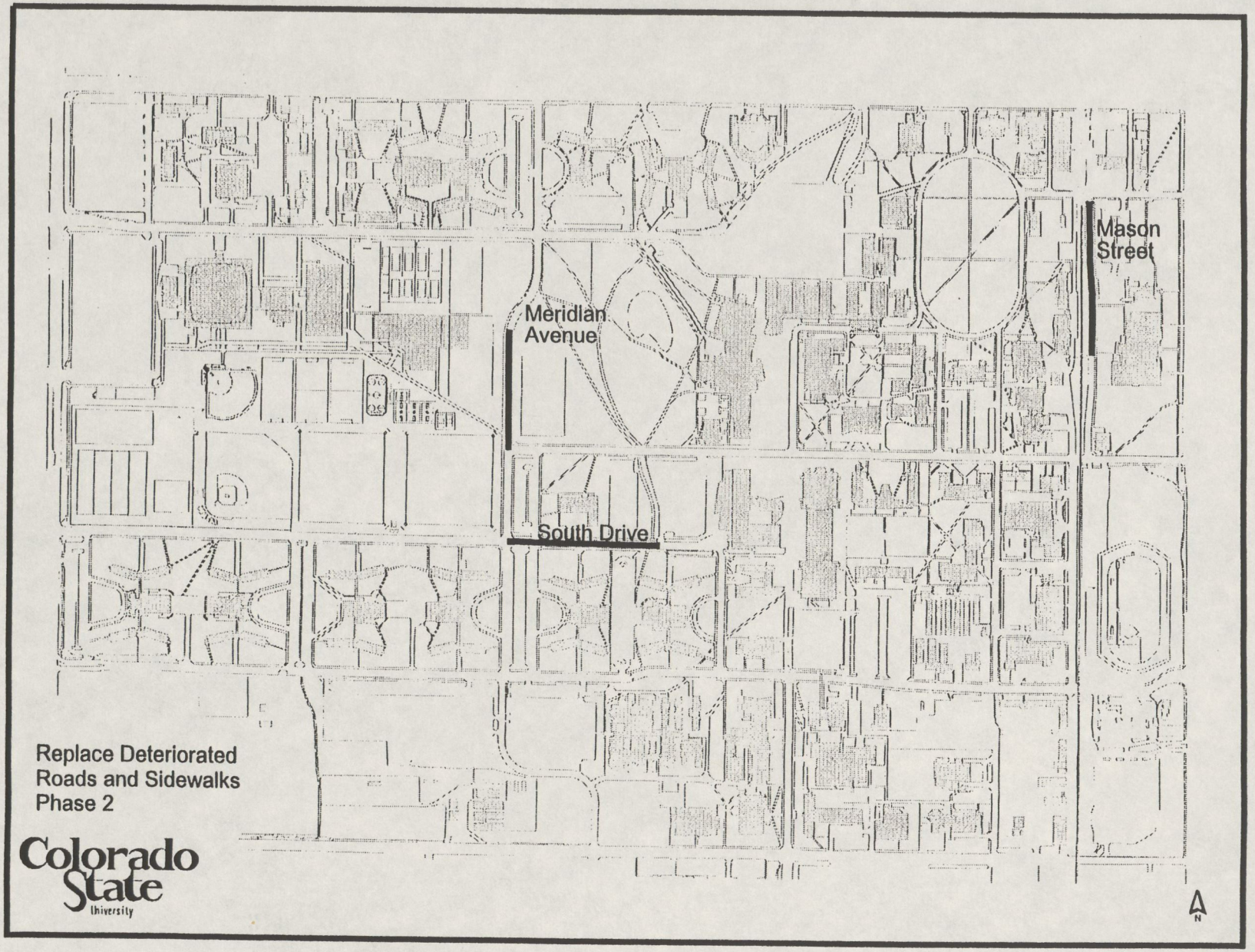
Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
M00033	500	2002/03	3	$260,024	
M00033	500	2003/04	4	$288,189	
M00033	500	2004/05	5	$312,994	
				$861,207	(subtotal)

$1,698,898 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,698,898


Mason Street
Meridian Avenue
South Drive
Replace Deteriorated Roads and Sidewalks Phase 2
Colorado State University
N

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 1700

SBP Project m#

4) Agency Priority # 1

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)		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)		8/25/12	$836,522
Modular Office	3550	Foothills Campus	646	602	1974	Office	V-N	Satisfactory (CCHE1)		8/25/12	$31,577
Storage	3533	Foothills Campus	5,201	4,986	1965	Farm Building	V-N	Remodeling-A(CCHE2)		24/30/12	$254,226
			31,350	27,227							$1,833,234

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? Yes **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:

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

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

$294,042 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $294,042

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 297

SBP Project m#

4) Agency Priority # 1

5) Project Title Replace Det. Items - Forestry BRP Phase 1 of 3

B. FACILITY PROFILE

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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.

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

a) Unit Cost $ 57.61 **/GSF; OTHER:** _____/_____

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:

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

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 REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

Controlled Maintenance Project Phase Estimate

297 Replace Det. Items - Forestry BRP

Phase #: 1 Phase FY: 2001/02

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	Replace DH windows	94	EA	$1,045.00	$98,230
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*

Controlled Maintenance Phase Estimate

Project: 297 ***Replace deteriorated items in the Forestry building.***

Phase #: 2 ***Phase FY: 2002/03***

Item #	*Description*	*Qty*	*Unit*	*Unit Cost*	*Extended Cost*
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	4	EA	$4,500.00	$18,000
				Subtotal	$487,093
				Contingency	$48,709
				A/E Fees	$0
				SBP Costs	$0
				Phase Total	$535,802

Controlled Maintenance Phase Estimate

Project: 297 ***Replace deteriorated items in the Forestry building.***

Phase #: 3 ***Phase FY: 2003/04***

Item #	*Description*	*Qty*	*Unit*	*Unit Cost*	*Extended Cost*
1	Piping demolition	4,307	LF	$1.98	$8,528
2	Radiator demolition	151	EA	$421.99	$63,720
3	Heat exchanger	1	EA	$40,001.00	$40,001
4	Pumps	2	EA	$5,000.00	$10,000
5	Piping w/ insulation	4,307	LF	$51.40	$221,380
6	Unit ventilators	151	EA	$603.00	$91,053
7	Temperature controls	1	LS	$10,000.00	$10,000
8	Suspended Ceiling	20,300	SF	$3.69	$74,907
				Subtotal	$519,589
				Contingency	$51,959
				A/E Fees	$0
				SBP Costs	$0
				Phase Total	$571,548

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

CURRENT PHASE REQUESTED

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

FUTURE PHASING

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	
				$1,107,350	(subtotal)

$1,558,050 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,558,050

Facilities Audit Program
Building Summary

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. of Stories:*** 2

Classification: M120 Classroom, 2-3 Story ***SBP Class:*** 10 Classroom/Office

Replacement Cost: $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

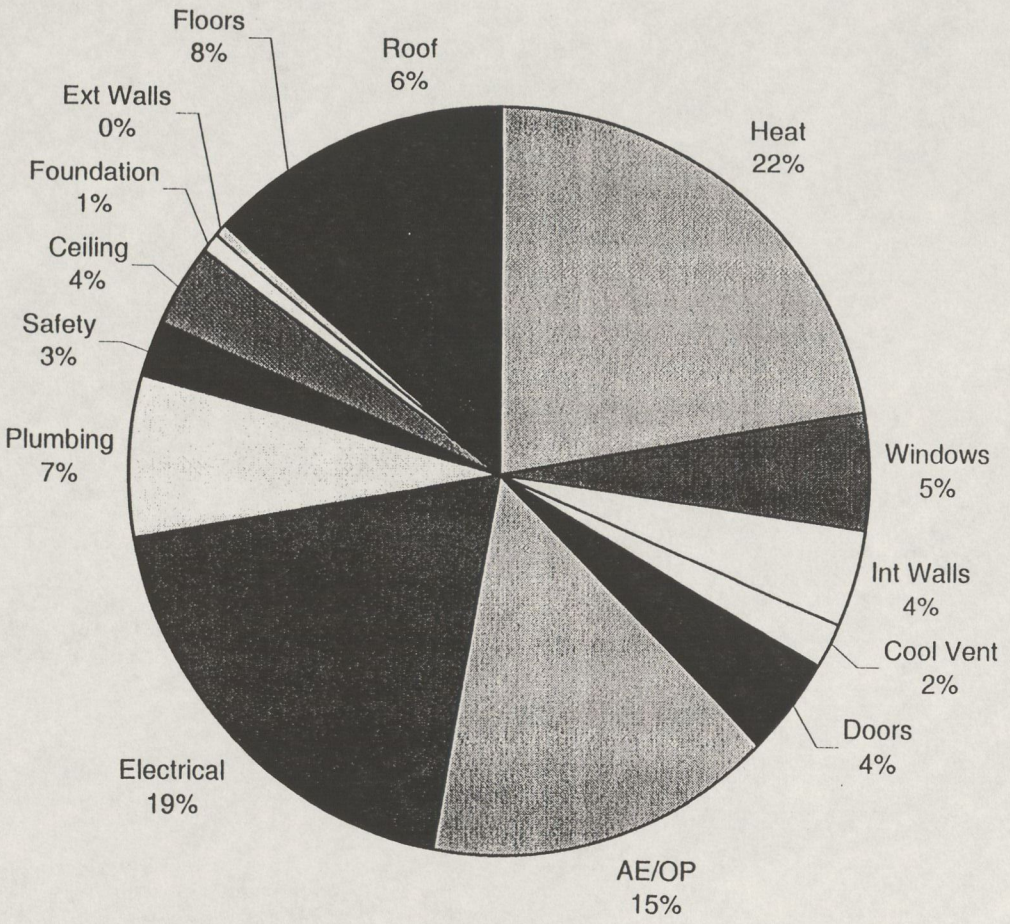
Outstanding Maintenance: $1,508,433.22

Facilities Condition Index (FCI): 44.50

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


Floors
8%
Roof
6%
Ext Walls
0%
Heat
22%
Foundation
1%
Ceiling
4%
Safety
3%
Plumbing
7%
Windows
5%
Int Walls
4%
Cool Vent
2%
Doors
4%
Electrical
19%
AE/OP
15%

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 1196

SBP Project m#

4) Agency Priority # 1

5) Project Title Replace Det. Electrical - Aylesworth Hall 1 of 1

B. FACILITY PROFILE

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Aylesworth Hall	3204	Main 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 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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

1196 Replace Det. Electrical - Aylesworth Hall 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

1196 Replace Det. Electrical - Aylesworth Hall 1 of 1

G. PROPOSED PHASING OPTIONS

PRIOR PHASING

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

$399,244 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $399,244

Facilities Audit Program
Building Summary

Building Name: Aylesworth Hall ***Number:*** 0021

Construction Date: 1956 ***Gross Square Feet:*** 86,723 ***Net Square Feet:*** 80,252

Date of Audit: 12/01/1997 ***Cycle:*** 3 ***Phase:*** 1 ***No. of Stories:*** 3

Classification: M460 Office Building ***SBP Class:*** 10 Classroom/Office

Replacement Cost: $8,715,662.00 ***Cost 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

Component Deficiency Total: 0.3585

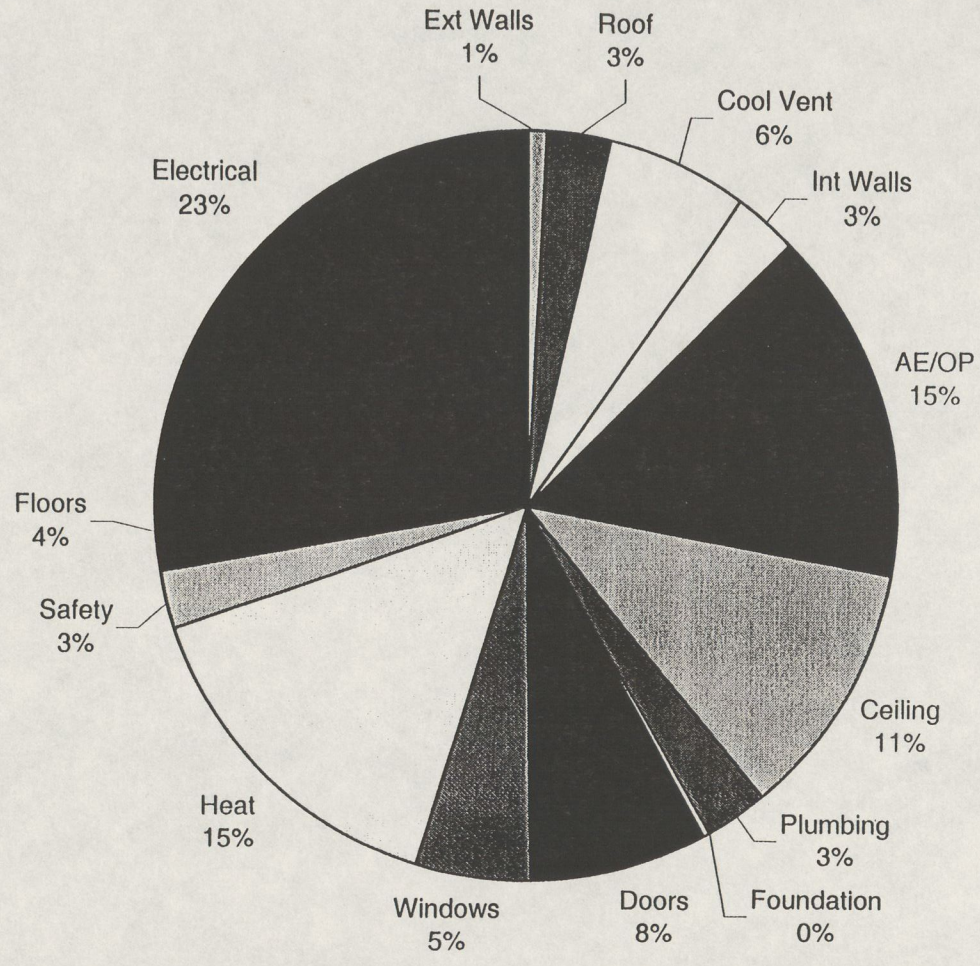
Outstanding Maintenance: $3,124,425.52

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)

Aylesworth Hall



CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 6297

SBP Project m#

4) Agency Priority # 1

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		3,536		1962		V-N			24/30/12	$433,129
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.C.-Center 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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? Yes **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

Controlled Maintenance Phase Estimate

Project: 6297 ***Replace deteriorated electrical feeders to several buildings and the main campus subst***

Phase #: 1 ***Phase FY: 2001/02***

Item #	*Description*	*Qty*	*Unit*	*Unit Cost*	*Extended Cost*
1	Clark feeder	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 transformer	1	EA	$43,358.00	$43,358
				Subtotal	$500,392
				Contingency	$50,039
				A/E Fees	$82,565
				SBP Costs	$1,806
				Phase Total	$634,802

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

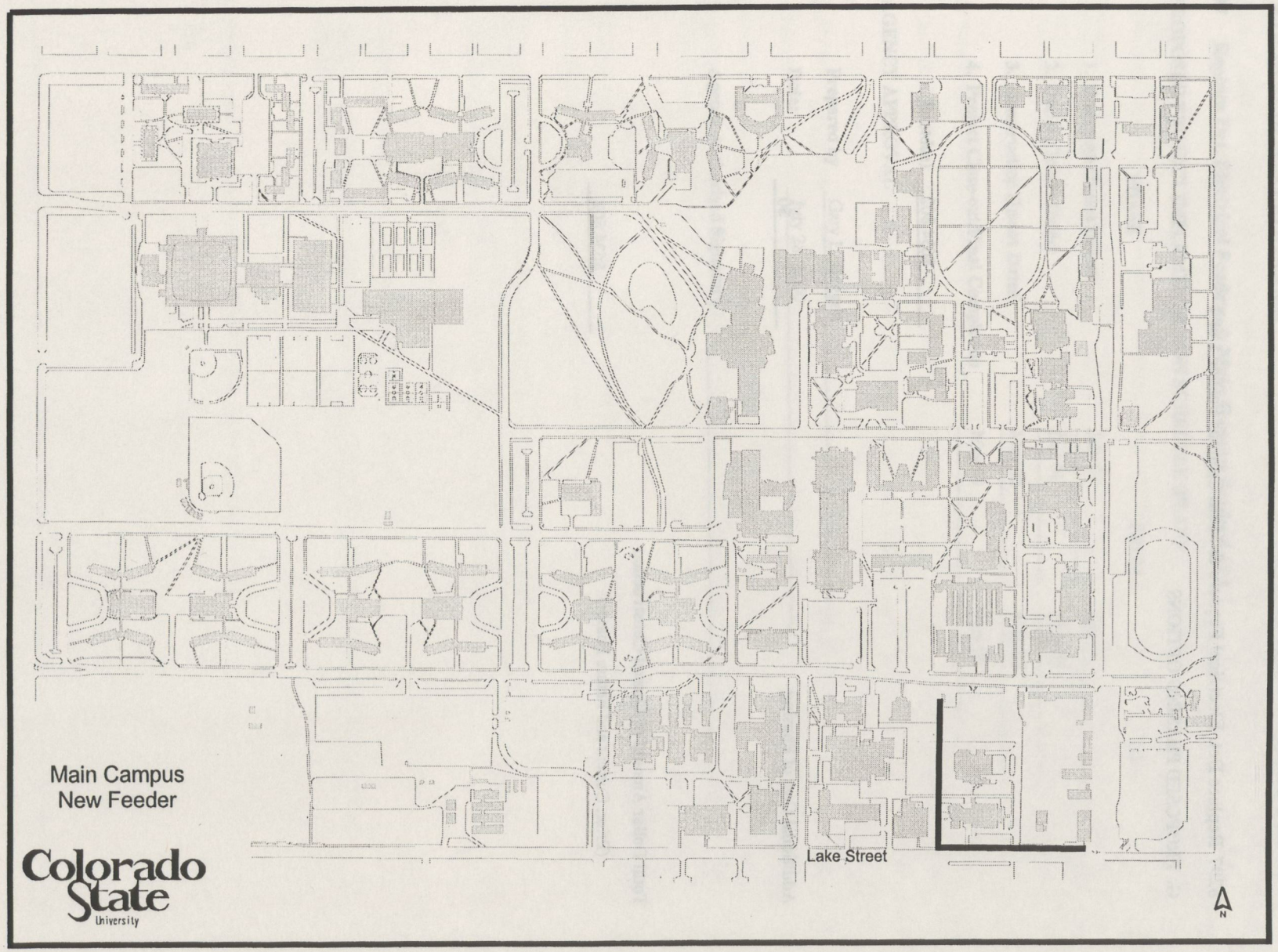
G. PROPOSED PHASING OPTIONS

$634,802 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $634,802


Main Campus
New Feeder
Colorado State University
Lake Street
N

Facilities Audit Program
Building Summary

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

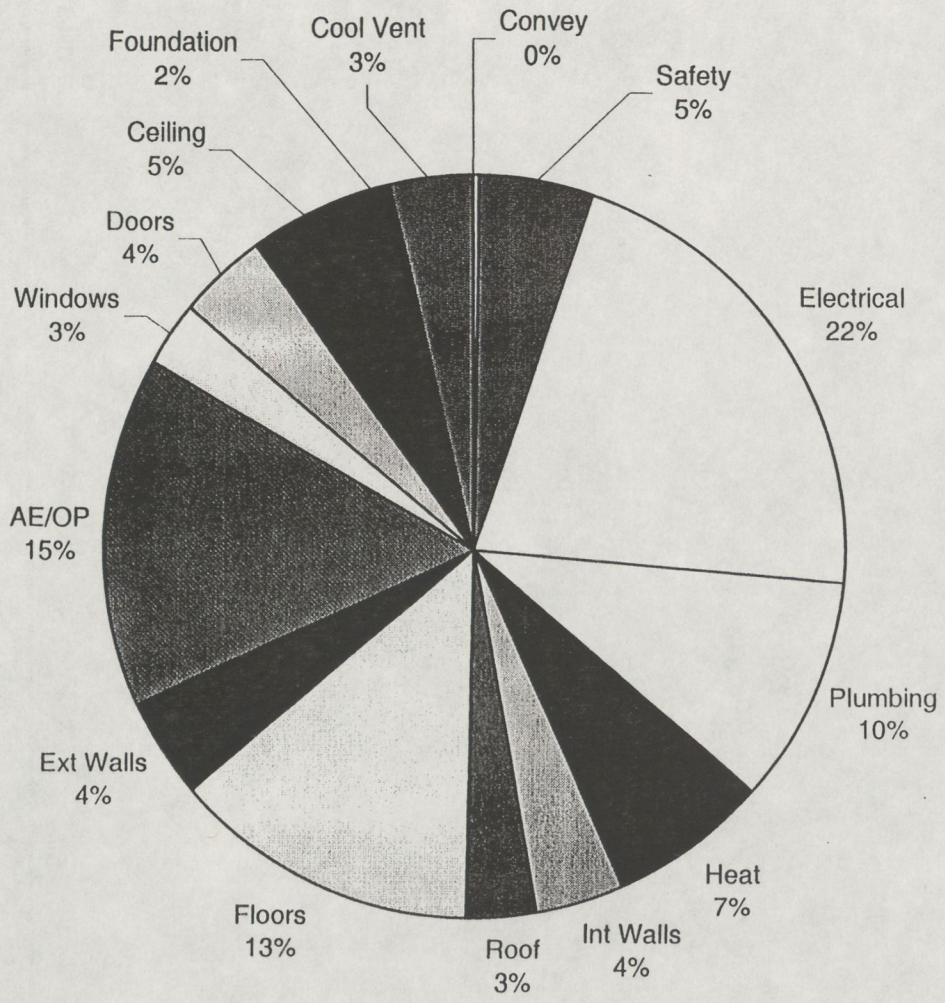
Outstanding Maintenance: $6,924,497.72

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)

Andrew G. Clark



Facilities Audit Program
Building Summary

Building Name: Auditorium Gymnasium ***Number:*** 0027

Construction Date: 1966 ***Gross Square Feet:*** 272,354 ***Net Square Feet:*** 223,025

Date of Audit: 09/14/1998 ***Cycle:*** 3 ***Phase:*** 2 ***No. of Stories:*** 2

Classification: M310 Gymnasium, 1 Story ***SBP Class:*** 15 Physical 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

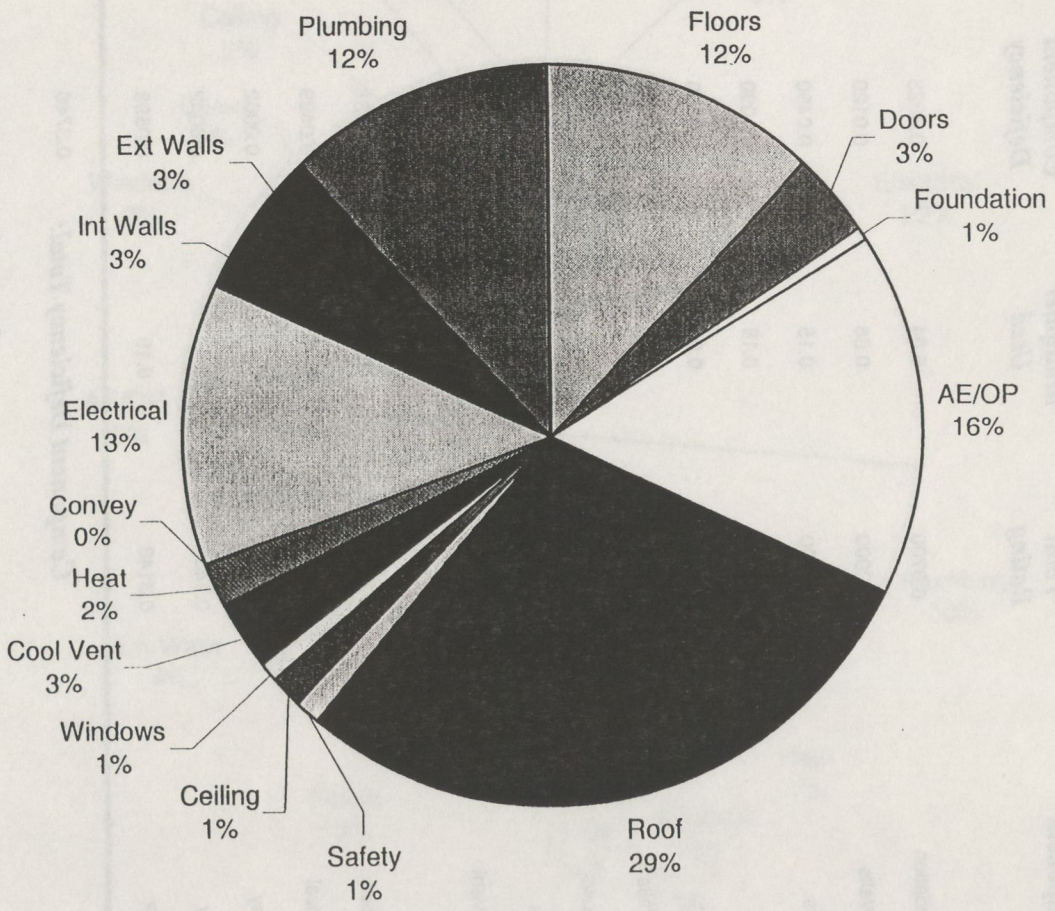
Outstanding Maintenance: $9,720,056.05

Facilities 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)

Auditorium Gymnasium



Facilities Audit Program
Building Summary

Building Name: Physiology ***Number:*** 0142

Construction Date: 1966 ***Gross Square Feet:*** 64,740 ***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

Component Deficiency Total: 0.3340

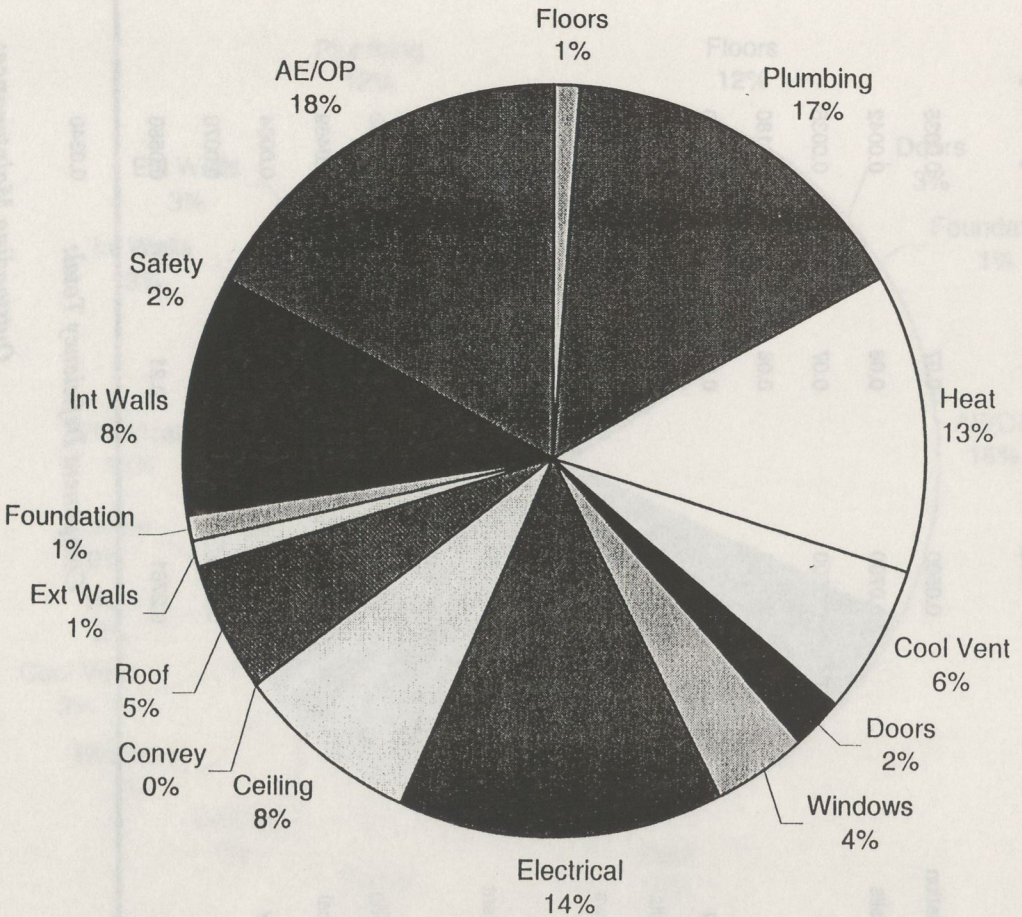
Outstanding Maintenance: $2,658,514.57

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)

Physiology


Floors
1%
Plumbing
17%
Heat
13%
Cool Vent
6%
Doors
2%
Windows
4%
Electrical
14%
Ceiling
8%
Convey
0%
Roof
5%
Ext Walls
1%
Foundation
1%
Int Walls
8%
Safety
2%
AE/OP
18%

Facilities Audit Program
Building Summary

Building Name: Atmospheric Science ***Number:*** 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 Stories:*** 4

Classification: M460 Office Building ***SBP Class:*** 11 Science

Replacement Cost: $3,726,069.00 ***Cost Per SF:*** $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

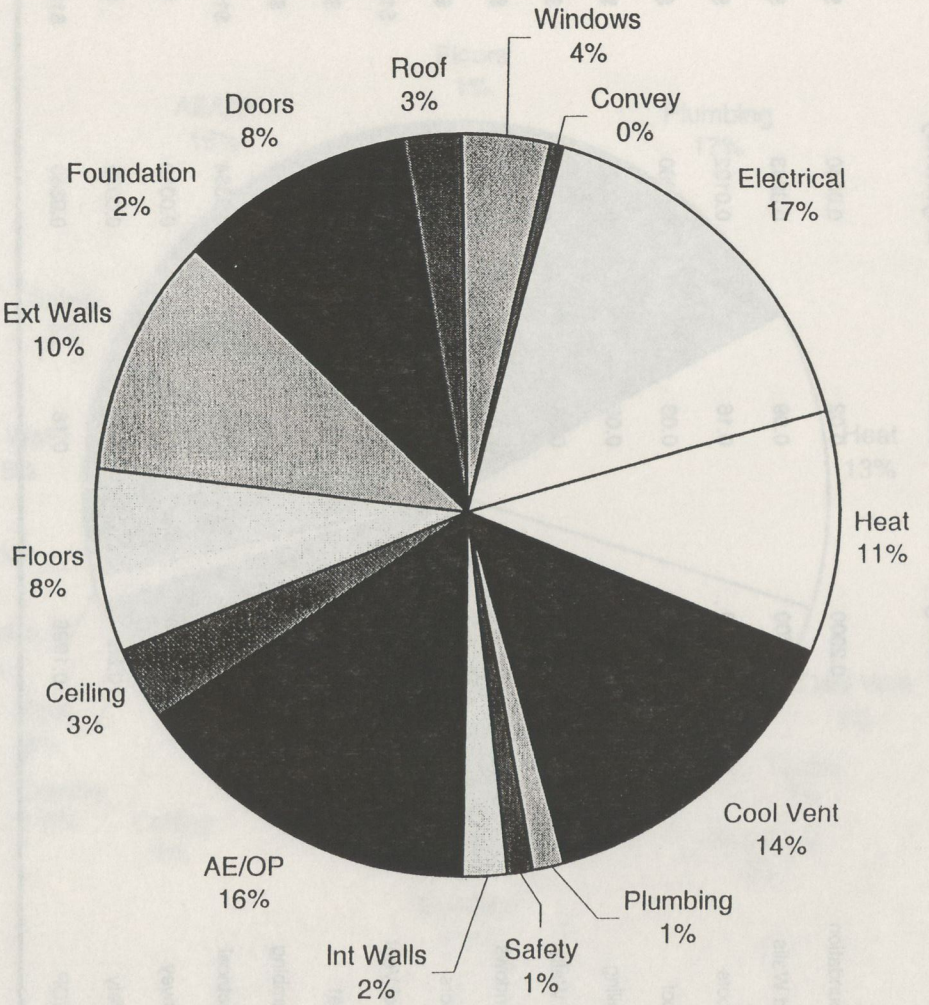
Outstanding Maintenance: $878,472.95

Facilities 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)

Atmospheric Science



Facilities Audit Program
Building Summary

Building Name: Center for Envir Toxicolgy & Technology ***Number:*** 1422

Construction Date: 1966 ***Gross Square Feet:*** 14,676 ***Net Square Feet:*** 13,042

Date of Audit: 01/12/1998 ***Cycle:*** 3 ***Phase:*** 1 ***No. of Stories:*** 1

Classification: M150 College, Laboratory ***SBP Class:*** 11 Science

Replacement Cost: $1,474,791.00 ***Cost 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: 0.3064

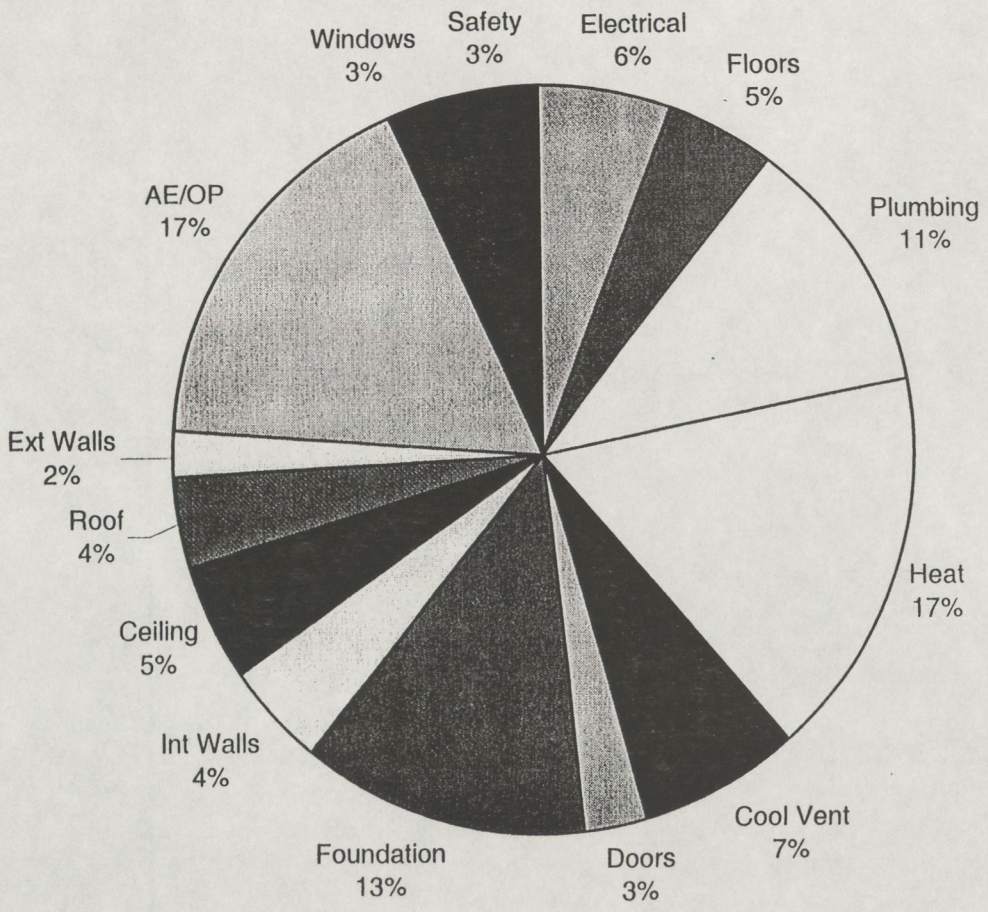
Outstanding Maintenance: $451,834.67

Facilities 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)

C.E.T.T.


Windows
3%
Safety
3%
Electrical
6%
Floors
5%
Plumbing
11%
Heat
17%
Cool Vent
7%
Doors
3%
Foundation
13%
Int Walls
4%
Ceiling
5%
Roof
4%
Ext Walls
2%
AE/OP
17%

Facilities Audit Program
Building Summary

Building Name: Engr. Res. Center ***Number:*** 1101

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

Component Deficiency Total: 0.2738

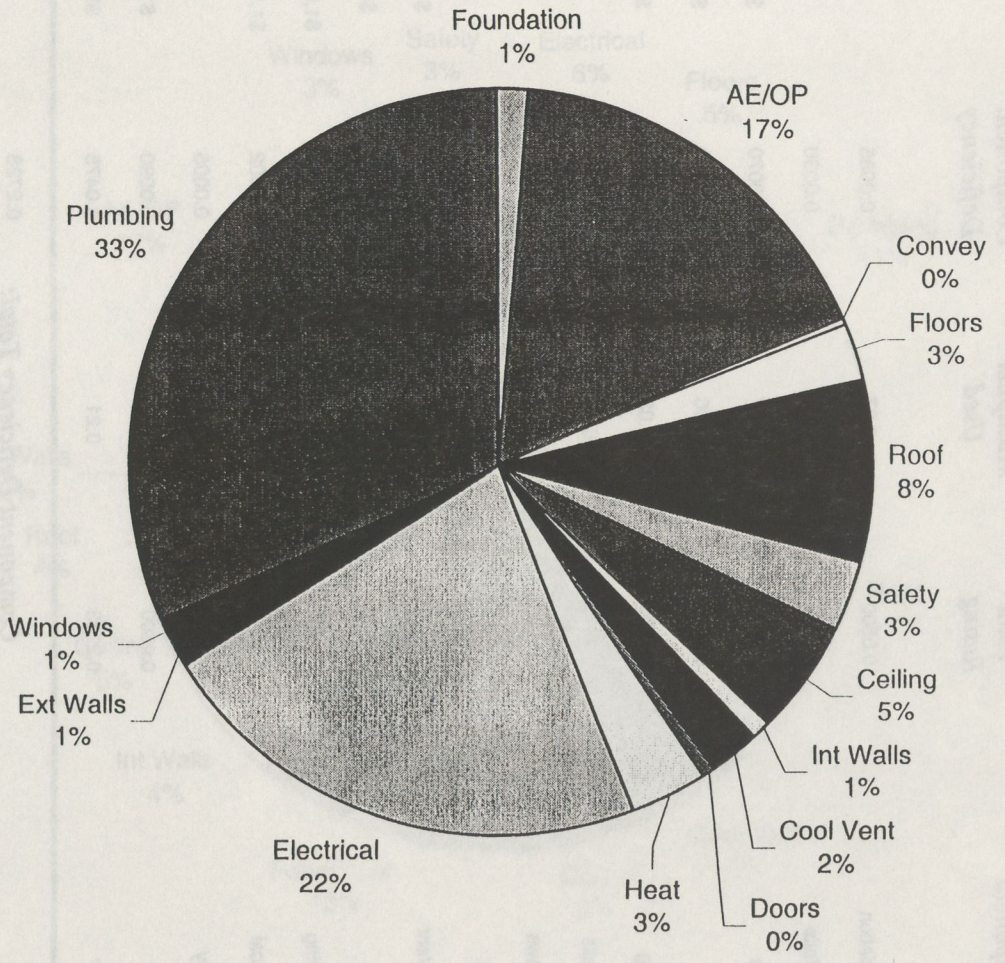
Outstanding Maintenance: $5,046,485.51

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)

Engineering Research Center



Facilities Audit Program
Building Summary

Building Name: Hydro-Machinery Lab ***Number:*** 1111

Construction Date: 1966 ***Gross Square Feet:*** 16,826 ***Net Square Feet:*** 15,852

Date of Audit: 03/08/1999 ***Cycle:*** 3 ***Phase:*** 2 ***No. of Stories:*** 2

Classification: M590 Vocational, 2 Story ***SBP Class:*** 12 Engineering

Replacement Cost: $1,654,837.00 ***Cost 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

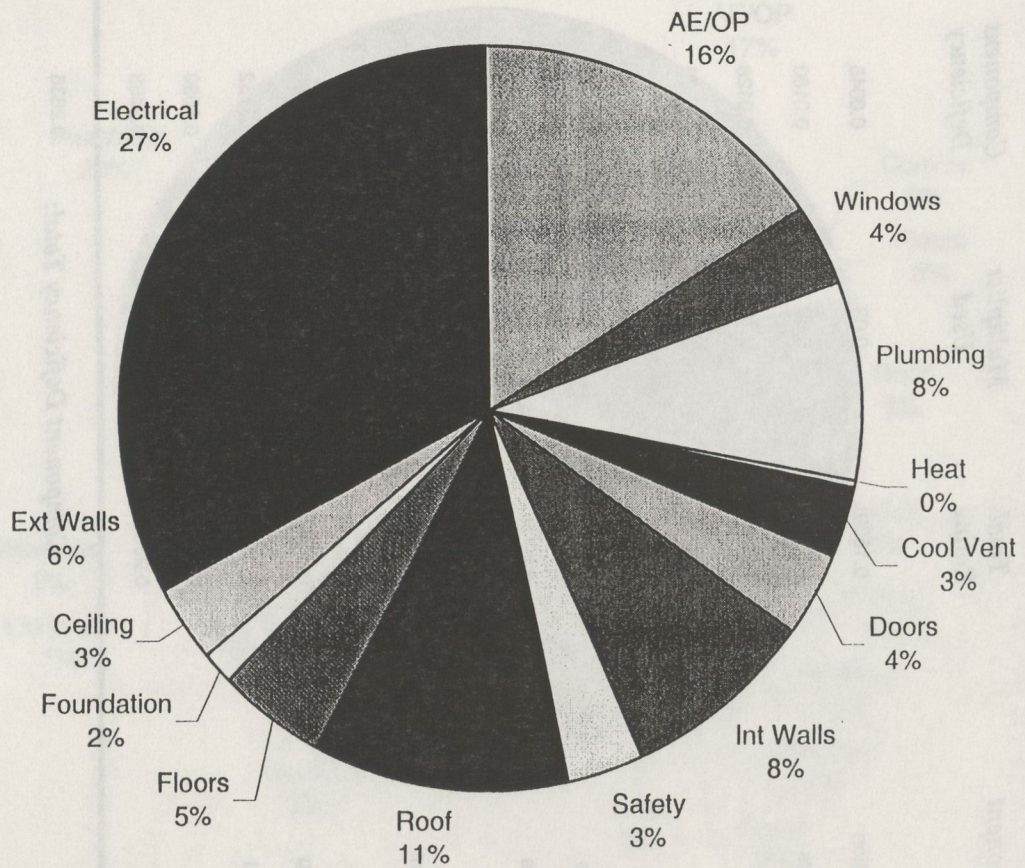
Outstanding Maintenance: $469,273.71

Facilities 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)

Hydro-Machinery Lab



Facilities Audit Program
Building Summary

Building Name: C.D.C.-Center for Disease Control ***Number:*** 1301

Construction Date: 1967 ***Gross Square Feet:*** 41,565 ***Net Square Feet:*** 37,998

Date of Audit: 04/27/2000 ***Cycle:*** 3 ***Phase:*** 3 ***No. of Stories:*** 3

Classification: M150 College, Laboratory ***SBP Class:*** 11 Science

Replacement Cost: $10,193,401.00 ***Cost Per SF:*** $245.24

Component	*Total Rating*	*Multiplier Used*	*Component Deficiency*	*Renewal Cost*
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

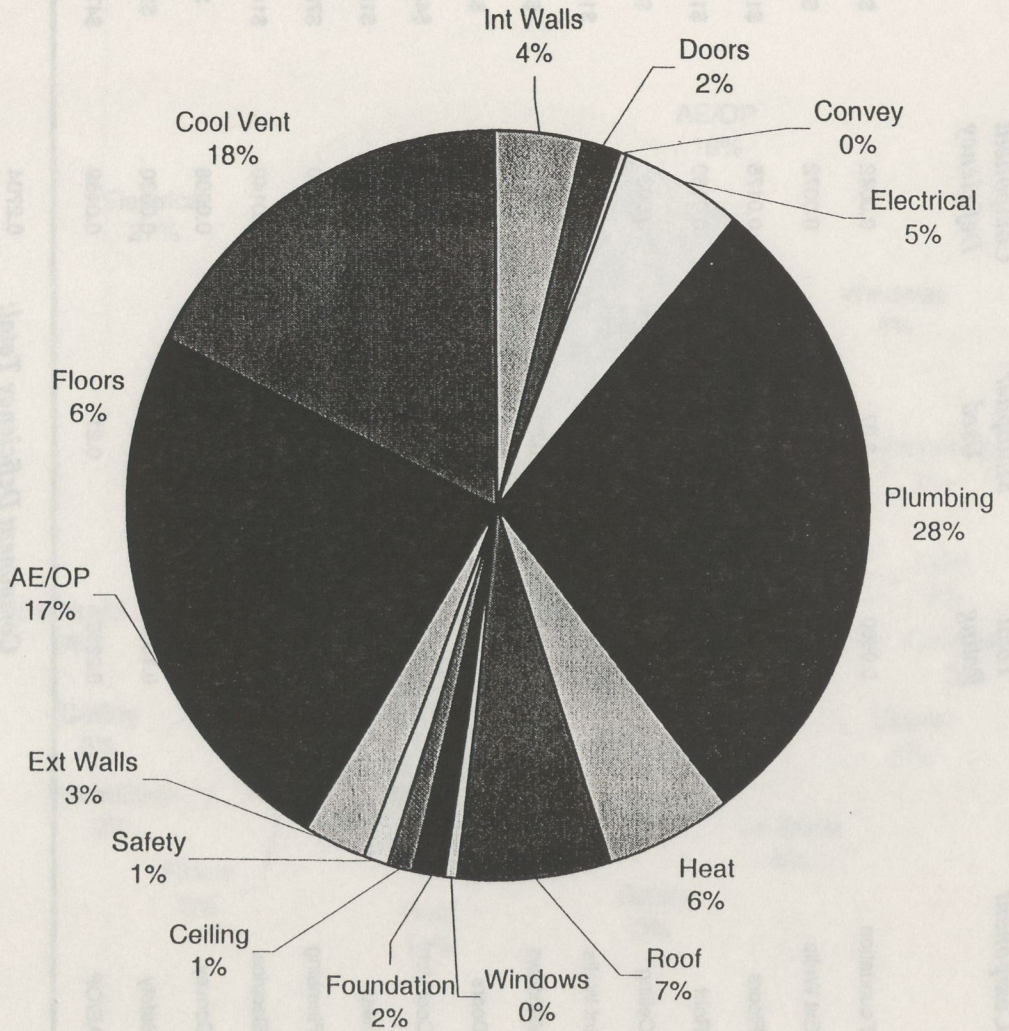
Outstanding Maintenance: $2,756,652.39

Facilities 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)

Center for Disease Control



CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 200

SBP Project m#

4) Agency Priority # 1

5) Project Title Replace Det. Mechanical - VTH Phase 1 of 5

B. FACILITY PROFILE

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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	Qty	Unit	Unit Cost	Extended Cost
1	Chiller building	1,250	SF	$62.50	$78,125
2	Chiller	250	TON	$562.50	$140,625

Subtotal	*$218,750*
Contingency	*$21,875*
A/E Fees	*$411,974*
SBP Costs	*$5,110*
Phase Total	*$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 Cost
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	Controls	2	EA	$12,500.00	$25,000
12	Millwright	2	EA	$2,500.00	$5,000

Subtotal	*$576,078*
Contingency	*$57,608*
A/E Fees	*$0*
SBP Costs	*$0*
Phase Total	*$633,686*

Controlled Maintenance Project Phase Estimate

200 **Replace Det. Mechanical - VTH**

Phase #: 3 **Phase FY: 2003/04**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
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

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	Qty	Unit	Unit Cost	Extended Cost
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

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 #: 5 **Phase FY: 2005/06**

Item	Description	Qty	Unit	Unit Cost	Extended Cost
1	RTU	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

Subtotal	*$472,641*
Contingency	*$47,264*
A/E Fees	*$0*
SBP Costs	*$0*
Phase Total	*$519,905*

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

200 Replace Det. Mechanical - VTH Phase 1 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

200 Replace Det. Mechanical - VTH Phase 1 of 5

G. PROPOSED PHASING OPTIONS

CURRENT PHASE REQUESTED

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

FUTURE PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (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	
				$2,505,951	(subtotal)

$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:*** 0555

Construction Date: 1979 ***Gross Square Feet:*** 137,233 ***Net Square Feet:*** 124,650

Date of Audit: 02/21/2000 ***Cycle:*** 3 ***Phase:*** 3 ***No. of Stories:*** 2

Classification: M330 Hospital, 1-3 Story ***SBP Class:*** 41 Hospital 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

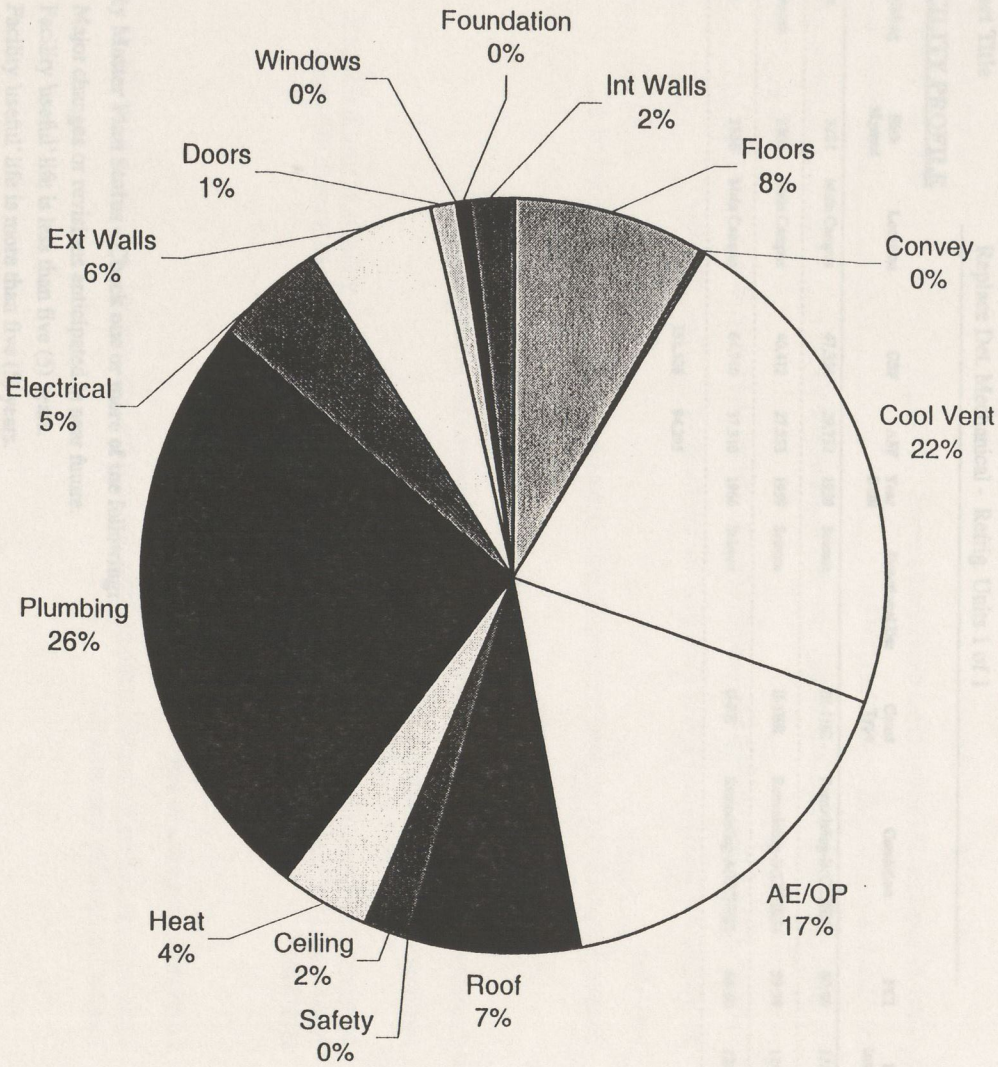
Outstanding Maintenance: $3,066,233.69

Facilities 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)

Veterinary Teaching Hospital



CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 2495

SBP Project m#

4) Agency Priority # 1

5) Project Title Replace Det. Mechanical - Refrig. Units 1 of 1

B. FACILITY PROFILE

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
			152,506	94,295							$17,557,655

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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 $ 3.47 **/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? Yes **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

Controlled Maintenance Phase Estimate

Project: 2495 ***Replace deteriorated refrigeration units in several buildings***

Phase #: 1 ***Phase 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
				Subtotal	$416,992
				Contingency	$41,699
				A/E Fees	$68,804
				SBP Costs	$1,662
				Phase Total	$529,157

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

CURRENT PHASE REQUESTED

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	2495	2001/02	1	$529,157	
				$529,157	(subtotal)

$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 Sciences ***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. of Stories:*** 2

Classification: M150 College, Laboratory ***SBP Class:*** 11 Science

Replacement Cost: $4,471,184.00 ***Cost Per SF:*** $110.64

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

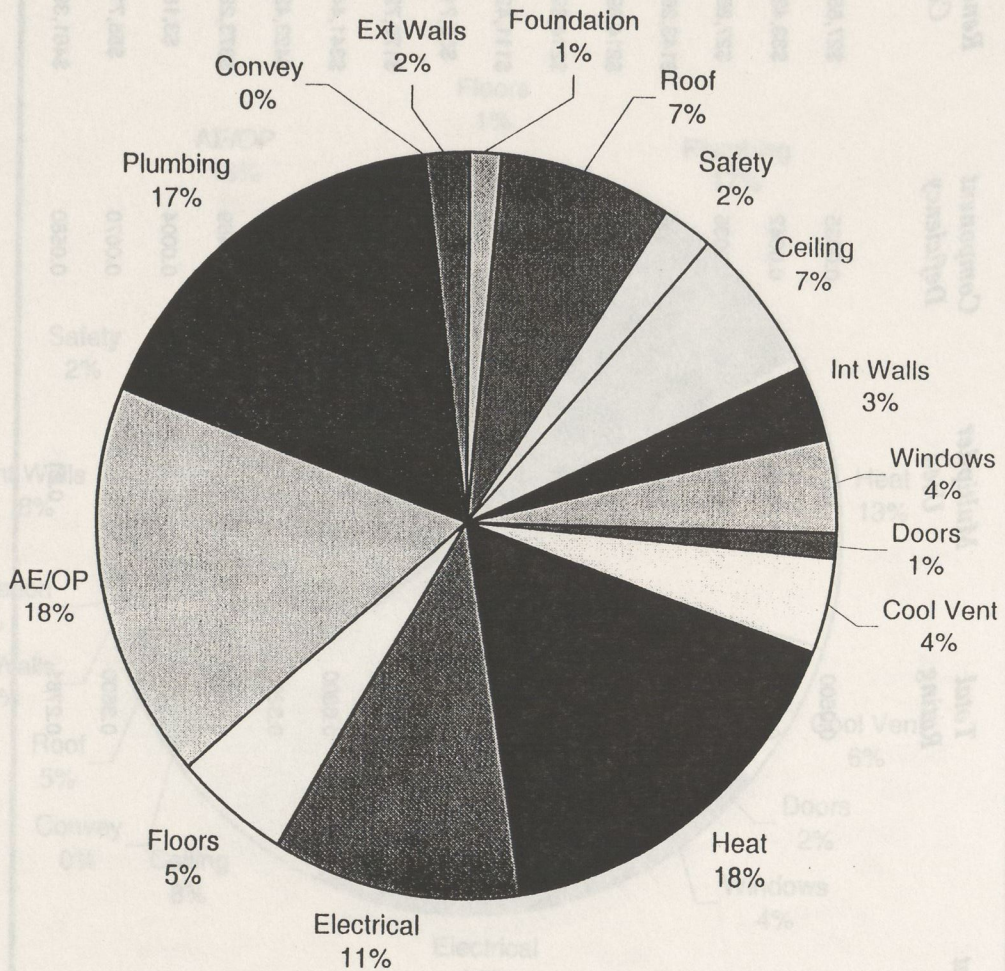
Outstanding Maintenance: $1,815,640.49

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: Physiology ***Number:*** 0142

Construction Date: 1966 ***Gross Square Feet:*** 64,740 ***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

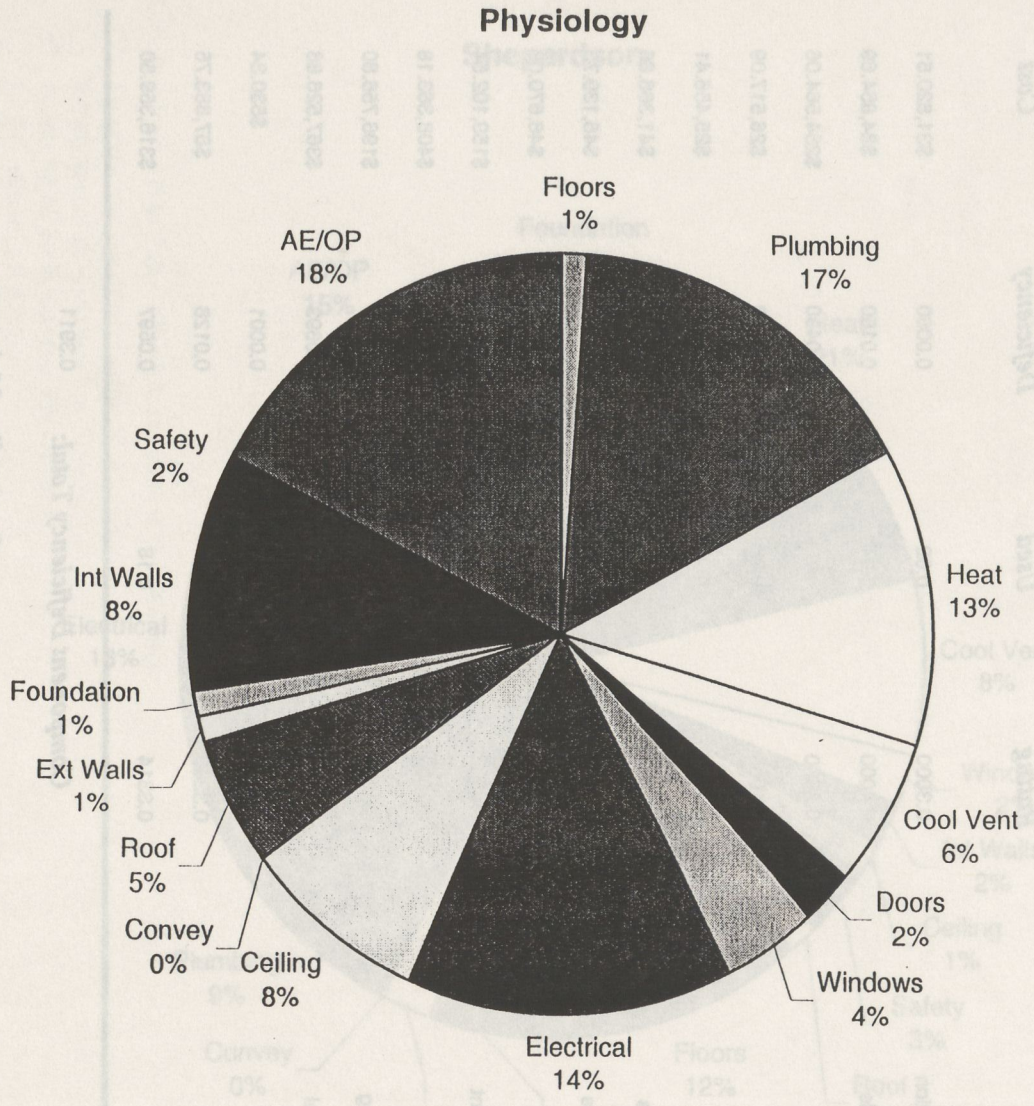
Component Deficiency Total: 0.3340

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)


Physiology
Floors
1%
Plumbing
17%
Heat
13%
Cool Vent
6%
Doors
2%
Windows
4%
Electrical
14%
Ceiling
8%
Convey
0%
Roof
5%
Ext Walls
1%
Foundation
1%
Int Walls
8%
Safety
2%
AE/OP
18%

Facilities Audit Program
Building Summary

Building Name: Shepardson ***Number:*** 0093

Construction Date: 1939 ***Gross Square Feet:*** 47,354 ***Net Square Feet:*** 44,121

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

Replacement Cost: $5,303,418.00 ***Cost Per SF:*** $112.00

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

Component Deficiency Total: 0.3911

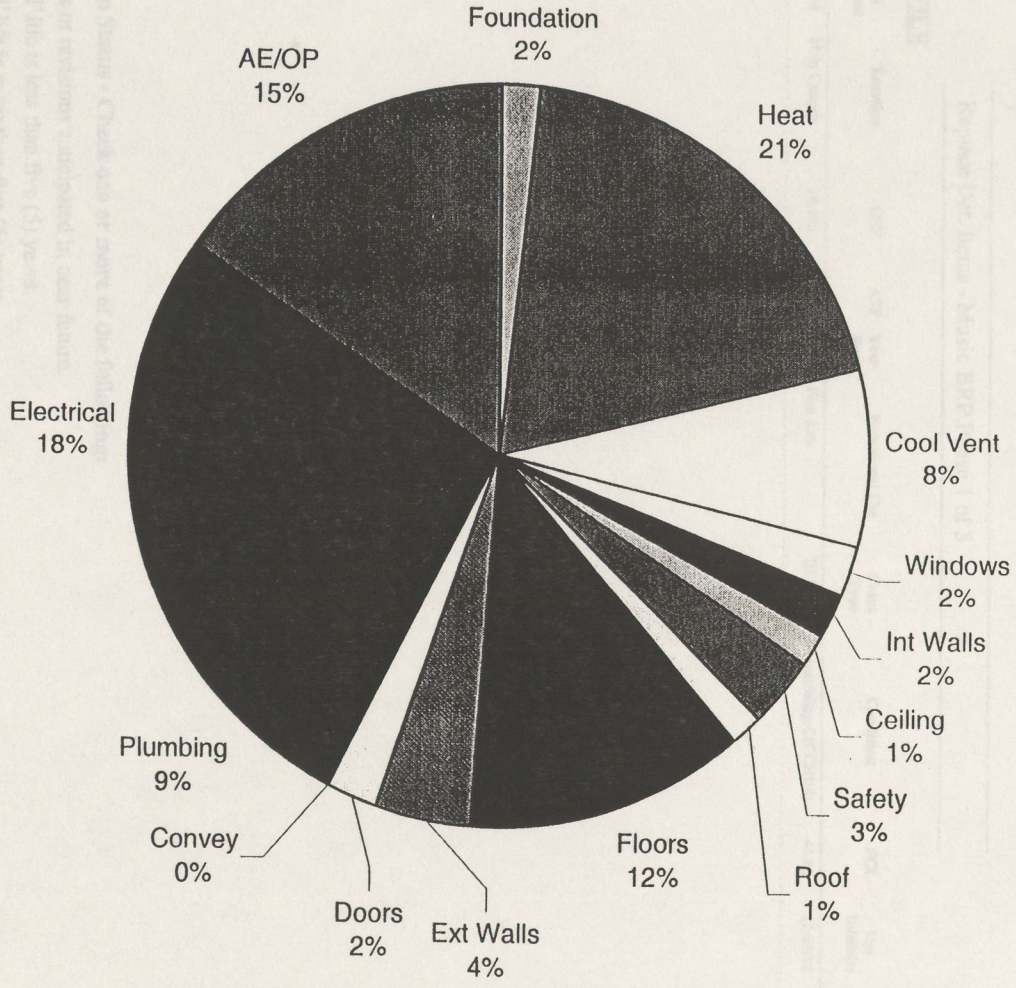
Outstanding Maintenance: $2,073,912.19

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)

Shepardson


Foundation
2%
Heat
21%
Cool Vent
8%
Windows
2%
Int Walls
2%
Ceiling
1%
Safety
3%
Roof
1%
Floors
12%
Ext Walls
4%
Doors
2%
Convey
0%
Plumbing
9%
Electrical
18%
AE/OP
15%

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 199

SBP Project m#

4) Agency Priority # 1

5) Project Title Replace Det. Items - Music BRP Phase 1 of 3

B. FACILITY PROFILE

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.
- ☐ 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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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 $ 50.09 **/GSF; OTHER:** _____/_____

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? No **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

Controlled Maintenance Phase Estimate

Project: 199 ***Replace deteriorated items in the Music building***

Phase #: 1 ***Phase FY: 2001/02***

Item #	*Description*	*Qty*	*Unit*	*Unit Cost*	*Extended Cost*
1	Replace casement windows	168	EA	$410.00	$68,880
2	Replace 5'x8' DH windows	15	EA	$1,025.00	$15,375
3	Replace 4' radius windows	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	$35,266
10	Wiring	7,790	LF	$1.50	$11,685
11	Horn/strobe	156	EA	$177.00	$27,612
				Subtotal	$319,230
				Contingency	$31,923
				A/E Fees	$249,153
				SBP Costs	$2,863
				Phase Total	$603,169

Controlled Maintenance Phase Estimate

Project: 199 ***Replace deteriorated items in the Music building***

Phase #: 2 ***Phase FY: 2002/03***

Item #	*Description*	*Qty*	*Unit*	*Unit Cost*	*Extended Cost*
1	MDP & feeder	1	EA	$21,114.00	$21,114
2	Sub panels & feeders	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
				Subtotal	$615,680
				Contingency	$61,568
				A/E Fees	$0
				SBP Costs	$0
				Phase Total	$677,248

Controlled Maintenance Phase Estimate

Project: 199 ***Replace deteriorated items in the Music building***

Phase #: 3 ***Phase FY: 2003/04***

Item #	*Description*	*Qty*	*Unit*	*Unit Cost*	*Extended Cost*
1	Piping demolition	5,405	LF	$1.98	$10,702
2	Radiator demolition	213	EA	$422.00	$89,886
3	Heat exchanger	1	EA	$40,000.00	$40,000
4	Pumps	2	EA	$7,083.00	$14,166
5	Piping w/ insulation	5,405	LF	$51.40	$277,817
6	Unit ventilators	213	EA	$603.00	$128,439
7	Temperature controls	1	LS	$14,100.00	$14,100
				Subtotal	$575,110
				Contingency	$57,511
				A/E Fees	$0
				SBP Costs	$0
				Phase Total	$632,621

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

CURRENT PHASE REQUESTED

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	199	2001/02	1	$603,169	
				$603,169	(subtotal)

FUTURE 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)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,913,038

Facilities Audit Program
Building Summary

Building Name: Music ***Number:*** 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 Classroom, 2-3 Story ***SBP Class:*** 13 Fine Arts

Replacement Cost: $3,746,586.00 ***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

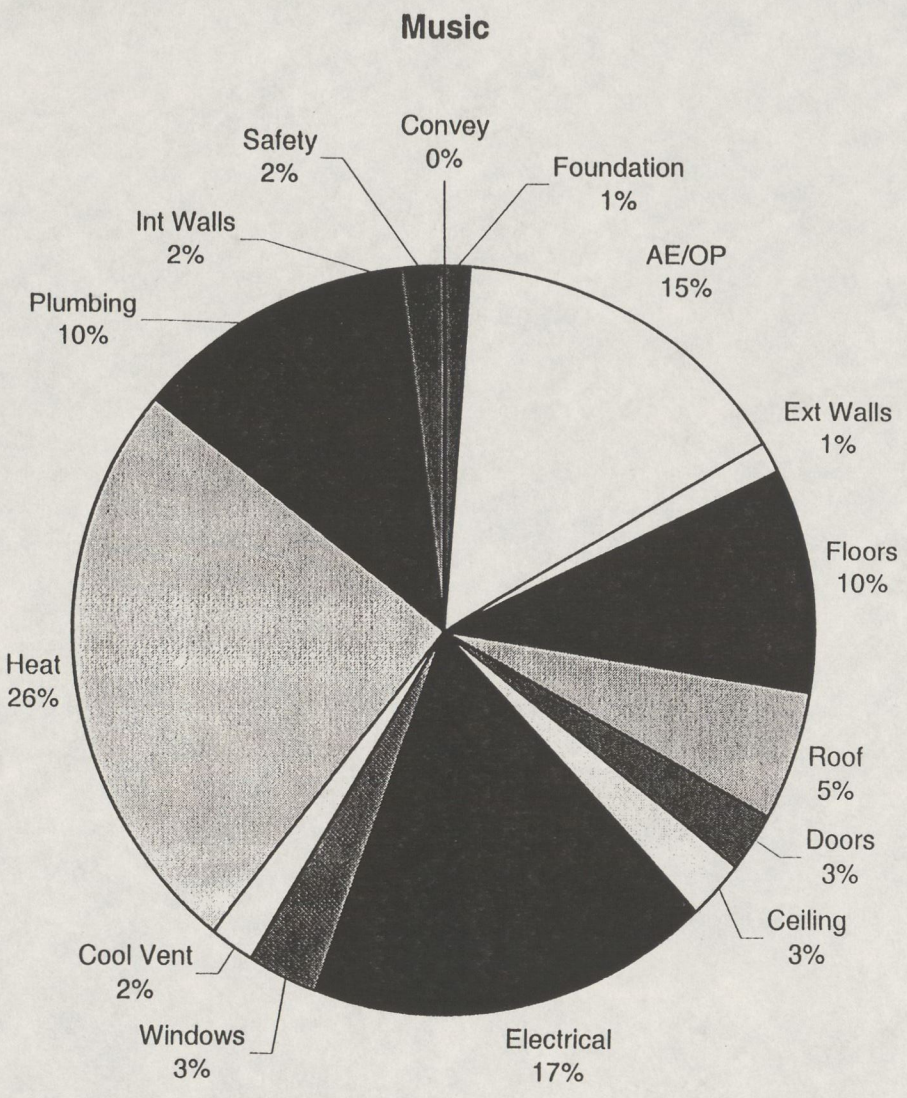
Component Deficiency Total: 0.5514

Outstanding Maintenance: $2,065,920.04

Facilities 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)


Music
Safety 2%
Convey 0%
Foundation 1%
Int Walls 2%
AE/OP 15%
Plumbing 10%
Ext Walls 1%
Floors 10%
Heat 26%
Roof 5%
Doors 3%
Ceiling 3%
Cool Vent 2%
Windows 3%
Electrical 17%

CONTROLLED MAINTENANCE
PROJECT REQUESTS

PRIORITY 2

FY 2001/02

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 201

SBP Project m#

4) Agency Priority # 2

5) Project Title Utility LRP - Steam & Condensate - North Line Phase 1 of 3

B. FACILITY 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	$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.
- ☐ 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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

201 Utility LRP - Steam & Condensate - North Line 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)	
	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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 3297

SBP Project m#

4) Agency Priority # 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.
- ☐ 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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

3297 Replace Det. Plumbing Items Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

3297 Replace Det. Plumbing Items Phase 1 of 2

G. PROPOSED PHASING OPTIONS

CURRENT PHASE REQUESTED

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

FUTURE PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	3297	2002/03	2	$488,254	
				$488,254	(subtotal)

$976,508 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $976,508

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 704

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Epoxy Flooring - Painter 1 of 1

B. FACILITY PROFILE

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.
- ☐ 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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.

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? No **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:

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.

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

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

704 Replace Epoxy Flooring - Painter 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

704 Replace Epoxy Flooring - Painter 1 of 1

G. PROPOSED PHASING OPTIONS

FUTURE PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	704	2002/03	1	$243,007	
				$243,007	(subtotal)

$243,007 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $243,007

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 1800

SBP Project m#

4) Agency Priority # 2

5) Project Title Chilled Water Loop Phase 1 of 5

B. FACILITY 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	$6,034,000
			0								$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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.

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) = 1.3138

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

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

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

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

Yes

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

1800 Chilled Water Loop Phase 1 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

1800 Chilled Water Loop Phase 1 of 5

G. PROPOSED PHASING OPTIONS

FUTURE PHASING

Proj M#	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	
				$7,927,735	(subtotal)

$7,927,735 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $7,927,735

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 400

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Det. Items - Military Science Annex BRP 1 of 1

B. FACILITY PROFILE

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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

FUTURE PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	400	2002/03	1	$415,564	
				$415,564	(subtotal)

$415,564 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $415,564

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 602

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Det. Roofing 1 of 2

B. FACILITY PROFILE

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
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							$33,184,106

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.)

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

602 Replace Det. Roofing 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

602 Replace Det. Roofing 1 of 2

G. PROPOSED PHASING OPTIONS

FUTURE PHASING

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)	
	602	2003/04	1	$429,981	
	602	2004/05	2	$950,400	
				$1,380,381	(subtotal)

$1,380,381 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,380,381

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 301

SBP Project m#

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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

301 Replace Fire Alarms Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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	
	301	2006/07	3	$340,338	
				$1,393,135	(subtotal)

$1,393,135 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,393,135

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 397

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Det. Items - Guggenheim BRP Phase 1 of 2

B. FACILITY PROFILE

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
			16,735	10,049							$1,430,946

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

397 Replace Det. Items - Guggenheim 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)	
	397	2003/04	1	$540,098	
	397	2004/05	2	$474,281	
				$1,014,379	(subtotal)

$1,014,379 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,014,379

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 1000

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Det. Items - Military Science BRP 1 of 1

B. FACILITY PROFILE

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
Military Sciences	3282	Main Campus	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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

G. PROPOSED PHASING OPTIONS

FUTURE PHASING

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

$621,376 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $621,376

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 1600

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Sanitary Sewers - Basin C Phase 1 of 3

B. FACILITY 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	$3,964,000
			0								$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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

1600 Replace Sanitary Sewers - Basin C Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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	1	$621,216	
	1600	2005/06	2	$621,216	
	1600	2006/07	3	$621,216	
				$1,863,648	(subtotal)

$1,863,648 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,863,648

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 802

SBP Project m#

4) Agency Priority # 2

5) Project Title Replace Ductwork - Physiology Phase 1 of 3

B. FACILITY PROFILE

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)

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.

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

a) Unit Cost $ 26.35 **/GSF; OTHER:** _____/_____

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.)

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

802 Replace Ductwork - Physiology Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

802 Replace Ductwork - Physiology 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)	
	802	2004/05	1	$670,332	
	802	2005/06	2	$643,845	
	802	2006/07	3	$391,677	
				$1,705,854	(subtotal)

$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

PRIORITY 3

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 102

SBP Project m#

4) Agency Priority # 3

5) Project Title Utility LRP - Durward & Aylesworth Steam Lines Phase 1 of 1

B. FACILITY 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	$33,985,000
			0								$33,985,000

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.

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

a) Unit Cost $ **/GSF; OTHER:** _____/_____

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.)

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

102 Utility LRP - Durward & Aylesworth Steam Lines 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)	
	102	2004/05	1	$468,792	
				$468,792	(subtotal)

$468,792 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $468,792

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 698

SBP Project m#

4) Agency Priority # 3

5) Project Title Replace Det. Items - Shepardson BRP Phase 1 of 3

B. FACILITY PROFILE

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
			47,354	29,732							$5,206,141

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

698 Replace Det. Items - Shepardson BRP 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)	
	698	2005/06	1	$617,314	
	698	2006/07	2	$797,031	
	698	2007/08	3	$553,743	
				$1,968,088	(subtotal)

$1,968,088 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,968,088

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 1100

SBP Project m#

4) Agency Priority # 3

5) Project Title Replace Det. Items - Animal Science BRP Phase 1 of 2

B. FACILITY PROFILE

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
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

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

1100 Replace Det. Items - Animal Science 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)	
	1100	2005/06	1	$606,733	
	1100	2006/07	2	$686,802	
	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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 703

SBP Project m#

4) Agency Priority # 3

5) Project Title Repair Utilities - Pingree Park Phase 1 of 1

B. FACILITY PROFILE

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.)

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

703 Repair Utilities - Pingree Park Phase 1 of 1

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 900

SBP Project m#

4) Agency Priority # 3

5) Project Title Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

B. FACILITY PROFILE

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	$421,486
Weed Research Laboratory	3298	Main Campus	17,329	15,125	1970	Science	III-N	Satisfactory (CCHE1)	64.66	12/25/12	$1,481,737
			21,642	19,004							$1,903,223

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

900 Plant Growth LRP - Insectary, Potato Virus 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)	
	900	2005/06	1	$237,641	
	900	2006/07	2	$366,428	
				$604,069	(subtotal)

$604,069 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $604,069

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 401

SBP Project m#

4) Agency Priority # 3

5) Project Title VAV Fume Hood Controls - Chemistry Phase 1 of 2

B. FACILITY PROFILE

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	$24,630,326
			168,037	102,867							$24,630,326

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

401 VAV Fume Hood Controls - Chemistry Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

401 VAV Fume Hood Controls - Chemistry 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)	
	401	2006/07	1	$486,875	
	401	2007/08	2	$486,875	
				$973,750	(subtotal)

$973,750 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $973,750

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 202

SBP Project m#

4) Agency Priority # 3

5) Project Title Lake Street Greenhouse BRP Phase 1 of 2

B. FACILITY PROFILE

Building	Risk Mgmnt	Location	GSF	ASF	Year Built	Functional Use	Const Type	Condition	FCI	Use Intensity	Value
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
			19,398	17,625							$1,184,748

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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.)

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

202 Lake Street Greenhouse BRP Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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)	
	202	2005/06	1	$438,948	
	202	2006/07	2	$438,948	
				$877,896	(subtotal)
				$877,896	(subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $877,896

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 402

SBP Project m#

4) Agency Priority # 3

5) Project Title Replace Det. Electrical - Clark "A" Wing 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
			254,792	137,254							$21,785,939

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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)

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

402 Replace Det. Electrical - Clark "A" Wing Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

402 Replace Det. Electrical - Clark "A" Wing 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)	
	402	2006/07	1	$451,643	
	402	2007/08	2	$451,643	
	402	2008/09	3	$451,643	
				$1,354,929	(subtotal)

$1,354,929 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $1,354,929

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 502

SBP Project m#

4) Agency Priority # 3

5) Project Title Replace Det. Classroom Seating 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
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

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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? No **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.)

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

502 Replace Det. Classroom Seating Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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	
				$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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

1) Agency Colorado State University

2) Department Higher Education

3) Physical Plant ID no. 302

SBP Project m#

4) Agency Priority # 3

5) Project Title Replace Det. Items - San Juan Basin Phase 1 of 5

B. FACILITY PROFILE

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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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)

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

302 Replace Det. Items - San Juan Basin Phase 1 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
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 _____

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

302 Replace Det. Items - San Juan Basin Phase 1 of 5

G. PROPOSED PHASING OPTIONS

FUTURE PHASING

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
				$2,000,000 (subtotal)

$2,000,000 (subtotal)

Additional Cost of Phasing $0

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases) $2,000,000

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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. FACILITY PROFILE

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

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 2001/02
STATE BUILDINGS PROGRAMS

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

Subtotal	*$115,528,295*
Contingency	*$0*
A/E Fees	*$0*
SBP Costs	*$0*
Phase Total	*$115,528,295*

CONTROLLED MAINTENANCE STATUS REPORT

PREVIOUSLY FUNDED
CONTROLLED MAINTENANCE
AND
CAPITAL CONSTRUCTION
PROJECTS

FY 2001/02

CAPITAL CONSTRUCTION PROJECT REPORT FY 2000/2002 (General & Cash Funded Projects as per the Long Bill)
BUILDINGS AND REAL ESTATE PROGRAMS

(1) Agency: Colorado State University

(2) Department: Facilities Management Department

(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
P9603/95317 JF	Eng. Bldg. Add/Renovation Ph I Eng. Bldg. Add/Renovation Ph 2 Eng. Bldg. Add/Renovation Ph 3	$ 1,300,000 $ 7,500,457 $10,035,458		96/97 97/98 98/99	99.7%	10/23/96 3/3/97	2/98	Ongoing CMGC	10/15/97	8/15/99	CM/GC	9/15/00	H & L	Hensel Phelps
P9704 97251/GS 98048/SA 99115/SA	OFCHS Purchase & Renovation Ph 2 OFCHS Underpass Mech. Upgrade Mechanical Replacement @ OFCHS Annex	$ 4,300,000 $ 575,951 $ 421,000 $ 495,555 $ 915,555		97/98 98/99 99/00 00/01	94.0%	 5/11/98 7/12/99 1/19/00	 9/99	12/15/99 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 Rus Den
P9706/95104 LA	Visitor Center Bldg. ELC		$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	Clark
P9707/95173 SK	Relocate Animal Sci. Prog to Ardec Ph 1 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
P9709/96361 BC	Backflow Prev.Sys. Campus Bldgs. Ph 1	$ 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
P9909/98064 7-71909 GS	Chem/Bio Sci. Inst Lab Upgrades Ph 1 of 3 Chem/Bio Sci. Inst Lab Upgrades Ph 2 of 3	$ 3,495,078 $ 7,051,474		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
P9811/97244 97245 SK	CSFS Dist. Office Replace Durango 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 Aller Lingle	Hensen
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
P0014 99155 7-71-14 JS	Info & Inst. Tech In Education in Year 2000	$ 2,593,806		00/01	0%	Pending	9/30/00	11/00	1/01	N/a	Dsn/Bld	6/02	Howard Lowell	Unknown
P0015 99146 BC 7-71015	Auditorium/Gym B-wing Floor	$ 1,019, 795		00/01	0%	3/16/99	12/00	12/00	3/01	5/01	Lump Sum	8/01	Aller Lingle	Unknown
P0016 99145 7-71016 SK	SLVR Center Improvements - Ph I	$ 617,823		00/01	0%		3/01	4/01	5/01	11/02	Lump Sum	6/30/03	KDA	Unknown
P0017 98044 7-71017 JS	Plant Science Bldg. Revitalization Ph 1	$ 869,774		00/01	85.5%		3/01	4/01	5/01	4/02	CM/GC	1/04	Aller Lingle	Unknown

CONTROLLED MAINTENANCE PROJECT REPORT FY 2000/2001

(1) Agency: Colorado State University (2) Department: Facilities Management Department (3) Date: July 31, 2000

(4) PROJ. #	(5) PROJECT TITLE	(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 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	MKK MKK MKK	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 2/17/00	3/27/98 3/10/00	9/30/98 7/00	Lump Sum	12/18/98	Luis O. Acosta Cator Ruma	MBI Allen
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 4/27/00	4/9/99 6/20/00	N/a	LumpSum	4/00	IPE Stewart Environ.	Phillips Natkin Macbestos
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	5/26/98	6/13/98	N/a	Lump Sum	9/1/98	TEC	Don Kehn
M714/96214 BC 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 **Transferred from other funds** 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
M838/96198 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
M841/98058 BC M80041	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 Natkin
E802/98213 JS	Master/Storm Drainage Plan Improvement Ph 2of 2	$2,350,000		99/00	24.5%	10/99	3/00	5/25/00	6/00	N/a	Lump Sum	5/01	Ayres	G.L. Hoff
M99023/98247 7-71923 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
M90024/98195 7-71924 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
M90025/98215 7-71925 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
M90026/96272 BK 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
M90027/98214 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
M90028/98145 7-71928 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.

CONTROLLED MAINTENANCE PROJECT REPORT FY 2000/2001

(1) Agency: Colorado State University (2) Department: Facilities Management Department (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	Print & Pub Bdg.-Replace Det. Items Ph 1 of 2 Printi& Pub Bdg. Replace Det. Items Ph 2 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
M90030/98236 7-71930 SK	Exp. Sta/FS Bldgs. Repl. Det. Items Ph 1 of 2 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 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 12/00	N/a N/a	Lump Sum	6/00 10/01	Cator Ruma Cator Ruma	RK Mech/Haynes TBD
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		10/02	ARG	TBD
M00033 99094 JS 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 5/01	N/a N/a	Lump Sum Lump Sum	8/00 8/01	Paul S.A. Miro	Connell Resources TBD
M00034 99201 7-71034 BC	Replace Deter. Roof - Ph 1	$ 464,260		00/01	9%	Pending	1/01	2/01	3/01	N/a		9/1/01	Rooftech	TBD
M00031 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
M8004199036 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

CONTROLLED MAINTENANCE
BUILDING INVENTORY LIST

FY 2001/02

BUILDING INVENTORY

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	16	GF	4,690	$459,058		
0004	Palmer Center	3189	50	AUX	17,671	$1,726,835		
0005	Westfall Hall	3190	50	AUX	104,898	$10,250,779		
0006	Durrell Center	3191	50	AUX	46,226	$4,517,269		
0007	Durward Hall	3192	50	AUX	104,898	$10,250,779		
0008	Lory South	3193	50	AUX	34,638	$2,961,805		
0009	Lory North	3194	50	AUX	34,638	$2,961,805		
0010	Corbett Hall	3195	50	AUX	222,484	$19,024,028		
0011	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
0022	Braiden Hall	3205	50	AUX	110,837	$9,477,384		
0023	Baseball Scorers Box	3206	15	GF	128	$4,494		
0024	Softball Scorers Box	5126	15	GF	95	$3,332		
0025	Hartshorn Health Center (HHC)	3207	41	AUX	39,169	$4,806,420	78.40	5/8/00
0026	Baseball Dugouts	3208	15	GF	528	$23,220		
0027	Auditorium Gymnasium	3209	15	GF	272,354	$26,736,393	62.54	9/14/98
0028	Athletic Storage	3210	15	GF	536	$4,805		
0029	Thurman "Fum" McGraw Athletic Center		16	OTHER	26,512	$2,984,636		
0030	Student Rec. Center	5004	15	AUX	75,029	$7,623,787		
0031	Tennis Court Storage	3211	15	GF	45	$1,979		
0032	Weather Station	3212	11	GF	350	$34,204	78.05	1/11/99
0033	Intermural Field Restrooms		15	AUX	558	$93,328		
0034	Intermural Field First Aid/Storage		15	AUX	776	$10,564		
0040	Student Center	3213	40	AUX	295,488	$36,097,789		
0041	Engineering	3217	12	GF	211,410	$83,783,918	90.21	3/2/98
0042	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
0055	Guggenheim Hall	3228	10	GF	16,735	$1,430,946	43.29	9/28/98
0056	Home Management	3229	16	GF	4,019	$294,557		
0057	Home Mgt. Garages	3230	29	GF	1,106	$16,191		
0058	Industrial Sciences	3231	14	GF	28,009	$2,394,977	82.37	10/20/97
0059	Laurel Hall	3232	30	GF	14,780	$1,263,799	27.01	2/9/98
0060	Industrial Sci. Labs	3233	14	GF	20,246	$1,731,159	75.28	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	88.60	10/11/99
0063	Sage Hall	3236	11	GF	7,038	$1,063,095	86.43	10/5/98
0064	Spruce Hall	3238	16	GF	18,738	$1,602,215	88.78	10/13/97
0065	Occupational Therapy Annex	3240	30	GF	984	$60,369	95.31	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	10/19/98
0069	Chilled Water Plant		30	GF	8,200	$820,000		
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	94.75	3/23/98
0075	Vocational Education	3251	16	GF	11,491	$987,688	96.65	10/26/98
0076	Student Services	3254	16	GF	36,243	$3,099,124	74.91	11/1/99
0077	Administration Annex	3255	16	GF	43,145	$3,706,199	96.34	11/2/98
0079	Johnson Hall	3257	10	GF	48,013	$4,692,046	70.78	2/16/98
0080	Administration	3258	16	GF	32,172	$3,158,254	66.32	11/8/99
0081	Forestry	3260	10	GF	27,046	$2,643,095	44.50	11/3/97
0082	Natural Resources	3262	10	GF	73,027	$7,640,684	82.19	11/16/99
0083	Nat Resource Res Lab	3263	16	GF	4,000	$390,898		
0084	J.V.K. Wagar	3264	11	GF	48,160	$5,649,120	53.34	11/9/98
0088	Engineering South/Glover	3269	12	GF	52,823	$7,111,766	90.77	11/10/97
0090	Morgan Library	3275	17	GF	299,584	$30,949,574	94.08	11/16/98
0091	Andrew G. Clark	3276	10	GF	254,792	$21,785,939	68.33	11/29/99
0092	Plant Sciences	3278	11	GF	81,783	$8,991,297	53.09	11/17/97
0093	Shepardson	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 Fclty.	3329	29	GF	28,000	$570,130	85.89	2/1/00
0138	MC Substation	7175	30	GF	546	$464,455		
0140	Pathology	3330	11	GF	58,902	$6,447,713	83.22	12/8/97
0141	Environmental Health	3332	11	GF	18,173	$1,775,947	77.25	2/23/98
0142	Physiology	3336	11	GF	64,740	$7,908,554	66.60	12.28/98
0143	Anatomy-Zoology	3337	11	GF	148,437	$18,214,675	77.32	2/7/00
0144	Painter Center	3338	11	GF	31,139	$3,357,815	84.34	1/4/99
0150	Chemistry	3339	11	GF	168,037	$24,630,326	71.87	1/11/99
0151	Visual Arts	3341	13	GF	91,997	$7,336,604	77.64	2/14/00
0152	Gifford	3343	10	GF	92,278	$7,610,683	76.67	12/15/97
0155	Mol. & Rad. Biosci.	5003	11	GF	87,670	$14,142,565	88.64	2/21/00
0172	Hort. Storage Shed	3344	31	GF	1,156	$16,922		
0173	Horticulture Garage	3345	31	GF	768	$37,540		
0184	Greenhouse	3348	11	GF	960	$11,738		
0191	Greenhouse No. 6	3354	11	GF	264	$9,674		
0192	Greenhouse No. 7	3355	11	GF	264	$9,674		
0193	Greenhouse	3356	11	GF	1,105	$67,489		
0194	Hort. Quonset-North	3357	14	GF	3,099	$189,266		
0195	Hort. Quonset-South	3358	14	GF	3,188	$194,702		
0196	Lake St. Greenhouses	3359	11	GF	19,398	$1,184,748	58.75	1/25/99
0197	Greenhouse	3361	11	GF	960	$11,738		
0198	Greenhouse	3362	11	GF	960	$11,738		
0201	Aggie Vill North 1	3364	51	AUX	2,568	$156,836		
0202	Aggie Vill North 2	3365	51	AUX	8,264	$504,710		
0203	Aggie Vill North 3	3366	51	AUX	2,568	$156,836		
0204	University Children's Center	3367	60	AUX	3,083	$188,289		
0205	Aggie Vill North 5	3368	51	AUX	8,264	$504,710		
0206	Aggie Vill North 6	3369	51	AUX	8,264	$504,710		
0207	Aggie Vill North 7	3370	51	AUX	8,264	$504,710		
0208	Aggie Vill North 8	3371	51	AUX	8,264	$504,730		
0209	Aggie Vill North 9	3372	51	AUX	3,855	$235,438		
0210	Aggie Vill North 10	3373	51	AUX	8,264	$504,710		
0211	Aggie Vill North 11	3374	51	AUX	8,264	$504,710		
0212	Aggie Vill North 12	3375	51	AUX	8,264	$504,710		
0213	Aggie Vill North 13	3376	51	AUX	8,264	$504,710		
0214	Aggie Vill North 14	3377	51	AUX	2,568	$156,836		
0215	Aggie Vill North 15	3378	51	AUX	2,568	$156,836		
0216	Aggie Vill North 16	3379	51	AUX	8,264	$504,710		
0217	Aggie Vill North 17	3380	51	AUX	2,568	$156,836		
0221	Aggie Vill North 6s	3384	51	AUX	135	$8,245		
0223	Aggie Vill North 7s	3386	51	AUX	135	$8,245		
0229	Aggie Vill North 11s	3392	51	AUX	135	$8,245		
0231	Aggie Vill North 12s	3394	51	AUX	135	$8,245		
0301	Aggie Vill South 18	3399	51	AUX	2,559	$156,287		
0302	Aggie Vill South 19	3400	51	AUX	2,559	$156,287		
0303	Aggie Vill South 20	3401	51	AUX	8,234	$502,878		
0304	Aggie Vill South 21	3402	51	AUX	2,559	$156,287		
0305	Aggie Vill South 22	3403	51	AUX	8,234	$502,878		
0306	Aggie Vill South 23	3404	51	AUX	8,234	$502,878		
0307	Aggie Vill South 24	3405	51	AUX	3,281	$200,381		
0308	Aggie Vill South 25	3407	51	AUX	8,234	$502,878		
0309	Aggie Vill South 26	3408	51	AUX	8,234	$502,878		
0310	Aggie Vill South 27	3409	51	AUX	8,234	$502,878		
0311	Aggie Vill South 28	3410	51	AUX	8,234	$502,878		

0312	Aggie Vill South 29		3411	51	AUX	8,234	$502,878		
0313	Aggie Vill South 30		3412	51	AUX	8,234	$502,878		
0314	Aggie Vill South 31		3413	51	AUX	2,559	$156,287		
0315	Aggie Vill South 32		3414	51	AUX	8,234	$502,878		
0316	Aggie Vill South 33		3415	51	AUX	2,559	$156,287		
0317	Aggie Vill South 34		3416	51	AUX	2,559	$156,287		
0318	S. Aggie Mail Kiosk		7180	60	AUX	109	$17,415		
0422	Storage		3439	31	GF	402	$9,832		
0423	Storage		3440	31	GF	1,579	$38,619		
0425	Ground Storage		5127	31	GF	634	$7,074		
0431	Pump House		3441	31	GF	49	$1,198		
0551	VTH - Feed Storage			31	GF	140	$1,116		
0552	VTH - Trailer		5159	31	OTHER	224	$15,489		
0553	Isolation Barn		3443	41	GF	2,109	$144,507	72.51	2/8/99
0554	Horse Barn and Animal Food Barn		3444	41	GF	45,194	$3,096,657	77.46	2/15/99
0555	Vet. Teaching Hosp.		3445	41	GF	137,233	$18,807,659	78.40	2/21/00
0556	Canine/Raptor		3446	41	GF	3,632	$640,862	82.66	2/8/99
0557	Dairy Center		3448	31	GF	91,157	$3,088,463	79.74	1/26/98
0558	Maintenance Garage		3449	29	GF	1,212	$41,063	85.07	1/5/98
0559	Storage		3450	31	GF	2,125	$31,107		
0560	Storage		3451	31	GF	2,125	$31,107		
0561	Solids Separator		3452	31	GF	400	$13,553		
0562	Storage		3453	31	GF	2,125	$31,107		
0565	Hay Shed		3456	31	GF	3,684	$103,820		
0566	Hay Shed		3457	31	GF	3,684	$90,104		
0567	Hay Shed		3458	31	GF	8,500	$91,966		
0568	Hay Shed		3459	31	GF	8,500	$91,966		
0569	Digester Building		3460	31	GF	2,990	$166,230		
0570	Settling Tank		3461	31	GF	930	$10,658		
0571	Grain Bin		3462	31	GF	257	$3,589		
0572	Grain Bin		3463	31	GF	257	$3,589		
0573	Grain Bin		3464	31	GF	257	$3,589		
0574	Animal Shelter		3465	31	GF	913	$11,836		
0575	Animal Shelter		3466	31	GF	913	$11,836		
0576	Animal Shelter		3467	31	GF	1,408	$18,259		
0577	Pump House		3468	31	GF	462	$10,637		
0578	Lrg.Anim.Rehab.Unit		3469	41	GF	2,700	$86,792		
0579	Animal Shelter		7323	31	GF	900	$7,733		
0580	Electrical Storage Shed		5128	31	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			30	GF	131	$334		
0606	Old Fort Collins High School - Lawn Shed			31	GF	1,874	$50,914		
0701	Natural Rescource Research Cntr(NRRC-A)			16	OTHER	123,817	$11,000,001		
0801	Univ Village East 1		3470	51	AUX	10,764	$578,412		
0802	Univ Village East 2		3471	51	AUX	9,227	$495,820		
0803	Univ Village East 3		3472	51	AUX	6,401	$343,963		
0804	Univ Village East 4		3473	51	AUX	6,151	$330,529		
0805	Univ Village East 5		3474	51	AUX	6,151	$330,529		
0806	Univ Village East 6		3475	51	AUX	12,302	$661,058		
0807	Univ Village East 7		3476	51	AUX	6,366	$342,082		

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	11,891	$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	3500	51	AUX	8,631	$463,794		
0832	Univ Village West 32	3501	51	AUX	9,852	$529,405		
0833	Univ Village West 33	3502	51	AUX	11,444	$614,952		
0835	International House	7335	51	AUX	98,038	$5,982,132		
0839	Univ Village West 34	3503	51	AUX	8,641	$738,869		
0840	Housing Services Center	3504	30	AUX	14,675	$896,287		
0845	Housing Warehouse		30	AUX	40,600	$1,689,212		
0851	University Village North/West 1	7336	51	AUX	8,259	$548,364		
0852	University Village North/West 2	7337	51	AUX	8,259	$548,364		
0853	University Village North/West 3	7338	51	AUX	8,259	$548,364		
0854	University Village North/West 4	7339	51	AUX	8,259	$548,364		
0855	University Village North/West 5	7328	51	AUX	8,259	$548,364		
0856	University Village North/West 6	7329	51	AUX	8,259	$548,364		
0857	University Village North/West 7	7340	51	AUX	8,259	$548,364		
0858	University Village North/West 8		51	AUX	8,259	$548,364		
0910	Power Plant		60	OTHER	26,952	$1,877,600		
0915	Andrews House		16	OTHER	2,212	$197,298		
0916	Andrews House Garage		60	OTHER	619	$18,682		
0925	Univ Services Center		10	OTHER	89,583	$7,956,583	73.98	2/22/99
0930	Visitors Center	7220	29	GF	5,688	$470,267		
0931	University Square # 1311	7221	16	GF	16,342	$1,277,062		
0940	Canyon Avenue # 419		16	OTHER	3,101	$98,807		
0941	Canyon Avenue #405		16	OTHER	400	$12,745		
0955	Meat Packing Plant	7484	11	GF	5,139	$494,907		
1001	Runway Light Control	3511	29	GF	148	$3,620		
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+Growth	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

1008	Storage	3519	31	GF	2,045	$81,136		
1009	Storage	3520	31	GF	407	$2,457		
1013	Storage	3521	31	GF	176	$1,062		
1014	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		
1055	Supplies Storage	3534	31	GF	208	$15,244		
1056	Fire Trucks	3535	30	GF	5,357	$111,272		
1057	Paint Shop	3537	30	GF	2,417	$59,115		
1058	Storage	3538	31	GF	2,268	$49,241		
1059	Storage	3539	31	GF	2,894	$70,782		
1060	Nursery	3540	31	GF	28,983	$2,478,226		
1061	Storage	3544	31	GF	1,031	$25,216		
1062	Storage	3545	31	GF	5,419	$32,710		
1064	Larimer Fire Cache	3547	31	GF	2,050	$78,593		
1065	Machine Shed	3548	31	GF	3,340	$57,063		
1066	Modular Office	3550	16	GF	646	$31,577		
1067	Trailer Office	3551	16	GF	222	$10,851		
1068	Garage	3552	31	GF	1,185	$23,584		
1069	Chip Storage	3553	31	GF	823	$4,968		
1070	Sawmill	3554	31	GF	2,242	$24,176		
1071	Nursery Storage	5005	31	GF	2,472	$59,180		
1083	Storage	3555	31	GF	1,037	$17,717		
1101	Engr. Res. Center	3557	12	GF	149,915	$18,314,111	72.62	2/1/99
1102	Workshop	3559	30	GF	3,216	$127,596		
1104	Aquatic Greenhouse	7324	11	GF	318	$32,770		
1105	West Office	3560	16	GF	11,317	$705,211		
1106	Workshop	3563	30	GF	3,369	$98,758		
1107	Quonset	3564	31	GF	988	$24,165		
1108	Quonset	3565	31	GF	1,003	$24,532		
1109	USDA/ARS/SWC		16	OTHER	3,051	$76,901		
1110	Rainfall Facility	3566	11	GF	2,914	$71,271		
1111	Hydro-Machinery Lab	3567	12	GF	16,826	$1,644,312	71.64	3/8/99
1114	Turbine Pumphouse	7176	11	GF	559	$32,454		
1115	Storage	3569	31	GF	264	$2,366		
1116	Pump House	3570	31	GF	300	$9,719		
1117	Erc Publication Trlr	3571	16	GF	720	$10,930		
1118	Solar Dryer	3572	11	GF	361	$12,383		
1119	Coop Institute for Research in the Atmos	3573	11	GF	12,743	$1,388,703	89.97	3/15/99
1120	Atmospheric Science	3575	11	GF	37,079	$3,623,412	76.42	1/20/98
1121	Atmos. Science Annex	3576	11	GF	4,984	$426,169	83.31	1/20/98
1122	Solar Energy House 1	3577	12	GF	4,558	$556,820	76.75	3/22/99
1123	Solar Energy House 2	3579	12	GF	3,626	$442,964	73.36	3/3/99
1124	Solar Energy House 3	3580	12	GF	3,630	$443,453	69.63	3/29/99
1126	Solar Greenhouse	3581	11	GF	1,393	$138,617	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	$187,986	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.C.-Center 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		
1330	Equine Center	3614	31	GF	95,154	$5,144,197	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		
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		
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	$5,719,757	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		31	GF	2,368	$124,207		
1412	Sewage Chlorination	3661	30	GF	66	$1,128		
1413	Monkey House	3662	11	GF	369	$31,552		
1414	Office-Residence Anx	3663	16	GF	1,749	$106,817		
1415	Animal Quarters	3664	31	GF	2,167	$185,295		
1416	Surgical Annex	3665	11	GF	3,564	$304,748		
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
1423	Irradiation Site	3670	11	GF	2,627	$256,726		
1424	BSL-3		11	GF	12,000	$6,096,000		
1425	Motor Performance	3671	31	GF	800	$48,859		
1427	Maintenance Garage	3672	31	GF	1,017	$21,517		
1430	Dog Holding Facility	5001	11	GF	2,380	$272,185		
1450	Hay Shed		31	GF	12,000	$83,682		
1451	Shelter	3673	31	GF	432	$4,440		
1452	Shelter	3674	31	GF	432	$4,440		
1453	Shelter	3675	31	GF	617	$5,538		
1454	Shelter	3676	31	GF	617	$5,538		
1455	Shelter	3677	31	GF	432	$4,440		
1456	Shelter	7166	31	GF	924	$9,227		
1457	Shelter	3678	31	GF	509	$4,569		
1458	CSFS Pumphouse	3679	31	GF	64	$2,080		
1459	Shelter	7167	31	GF	924	$9,227		
1460	Sheep Facility	3680	31	GF	7,500	$126,710		
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		
2011	Foundation Seed Proc	3687	31	GF	2,482	$121,330		
2012	Drying Shed	3688	31	GF	7,530	$368,096		
2013	Machine Shed		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		
2421	Picnic Shelter	8004	31	GF	422	$2,171		
2422	Restroom	3741	31	GF	57	$1,811		
2423	Cattle Barn	8005	31	GF	1,742	$75,628		
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 & B	5146	52	AUX	1,522	$221,261
3008	Faculty Cabin #8	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	$6,644
3019	Storage Building	3758	31	AUX	175	$3,799
3020	Cabin	3759	52	AUX	410	$22,239
3021	Cabin	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	5152	50	AUX	2,160	$190,461
3083	Staff Duplex Cabin - A & B	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		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 House		31	GF	400	$75,000
4022	Intensive Monogastric Ruminant Research		11	GF	9,000	$600,000
4023	Feedlot Units		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	48	$18,000
4039	Pump House		31	GF	48	$800
4050	Residence	3822	52	GF	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 Equipment		31	GF	5,090	$141,023
4072	Lockman Machine Shed / Shop		31	GF	2,045	$22,574
4073	Lockman Garage		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	10	$100
4101	Headquarters	3830	31	GF	2,357	$230,337
4102	Storage	3831	31	GF	1,510	$92,221
4103	Dormitory	3832	50	GF	1,042	$76,369
4104	Pump House	3833	31	GF	112	$1,913
4105	Residence	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	2,127	$114,501
4606	Insectary	3849	11	GF	188	$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 Building		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	3916	31	GF	1,898	$68,146
4791	Greenhouse/Headhouse	7325	11	GF	10,027	$204,033
4792	Tool Shed	3919	31	GF	121	$4,344
4793	Gas House	3920	31	GF	204	$7,324

4794	Grain Bin	3921	31	GF	254	$9,120
4795	Grain Bin	3922	31	GF	154	$5,529
4796	Grain Bin	3923	31	GF	154	$5,529
4821	Administration	3924	16	GF	4,030	$180,868
4822	Library	3925	17	GF	4,277	$191,953
4824	Storage Shed	3926	31	GF	3,500	$125,665
4826	Bus Garage	3928	30	GF	4,000	$194,756
4830	Dwelling 19	3930	52	OTHER	1,816	$81,503
4831	Dwelling 12	3931	52	GF	1,581	$70,956
4832	Dwelling 13	3932	52	OTHER	2,381	$106,860
4833	Dwelling 14	3933	52	OTHER	2,314	$103,853
4834	Dwelling 15	3934	52	OTHER	2,053	$92,139
4836	Dwelling 18	3935	52	OTHER	2,604	$116,868
4837	Dwelling 10	3936	52	OTHER	4,193	$188,178
4838	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	Dairy Barn	3940	31	GF	5,825	$156,997
4844	Farm Shop	3941	31	GF	1,500	$53,856
4845	Horse Barn	3942	31	GF	6,196	$166,996
4846	Silo	3943	31	GF	154	$5,529
4847	Cattle Shed	3944	31	GF	8,900	$239,875
4848	Scale House	3945	31	GF	795	$28,544
4849	Bull Barn	3946	31	GF	6,830	$184,084
4850	Granary	3947	31	GF	3,000	$107,713
4851	Calf Shed	3948	31	GF	480	$12,937
4853	Pump House	3949	31	GF	640	$22,979
4857	Hay Barn	3950	31	GF	2,560	$78,529
4858	Pole Barn	3951	31	GF	1,400	$37,733
4859	Pole Barn	3952	31	GF	2,400	$64,686
4860	Pole Barn	3953	31	GF	2,800	$75,466
4861	Cattle Shed	3954	31	GF	512	$13,800
4862	Cattle Shed	3955	31	GF	420	$11,320
4863	Cattle Shed	3956	31	GF	360	$9,703
4880	Shop	3957	31	GF	1,600	$48,290
4881	Office	3958	16	GF	1,569	$63,933
4882	Pole Barn		31	GF	1,800	
4883	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
4894	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
4902	Residence	3967	52	GF	4,064	$182,394
4903	Office/Lab	3968	16	GF	5,714	$282,125
4905	Garage	3969	31	GF	513	$18,419
4906	Machine Shed	3970	31	GF	2,027	$72,778
4907	Garage/Onion Drying	3971	31	GF	3,866	$138,806
4908	Potato Cellar	3972	31	GF	3,053	$109,616
4910	Pump House	3973	31	GF	122	$4,380
4911	Storage Shed	3974	31	GF	42	$1,508

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
6122	CSFS-Boulder/Storage	3979	31	GF	4,320	$63,288
6301	Petroleum Building		16	OTHER	36,346	$1,161,051
6341	CSFS-Franktown Office/Garage		16	GF	3,540	$96,385
6421	CSFS-Canon City/Off.	3980	16	GF	1,440	$173,219
6422	CSFS-Canon City/Stor	3981	31	GF	2,400	$35,162
6541	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
6881	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
A	Site/Utility	0		GF	-	$0
					8,227,021	$828,673,820

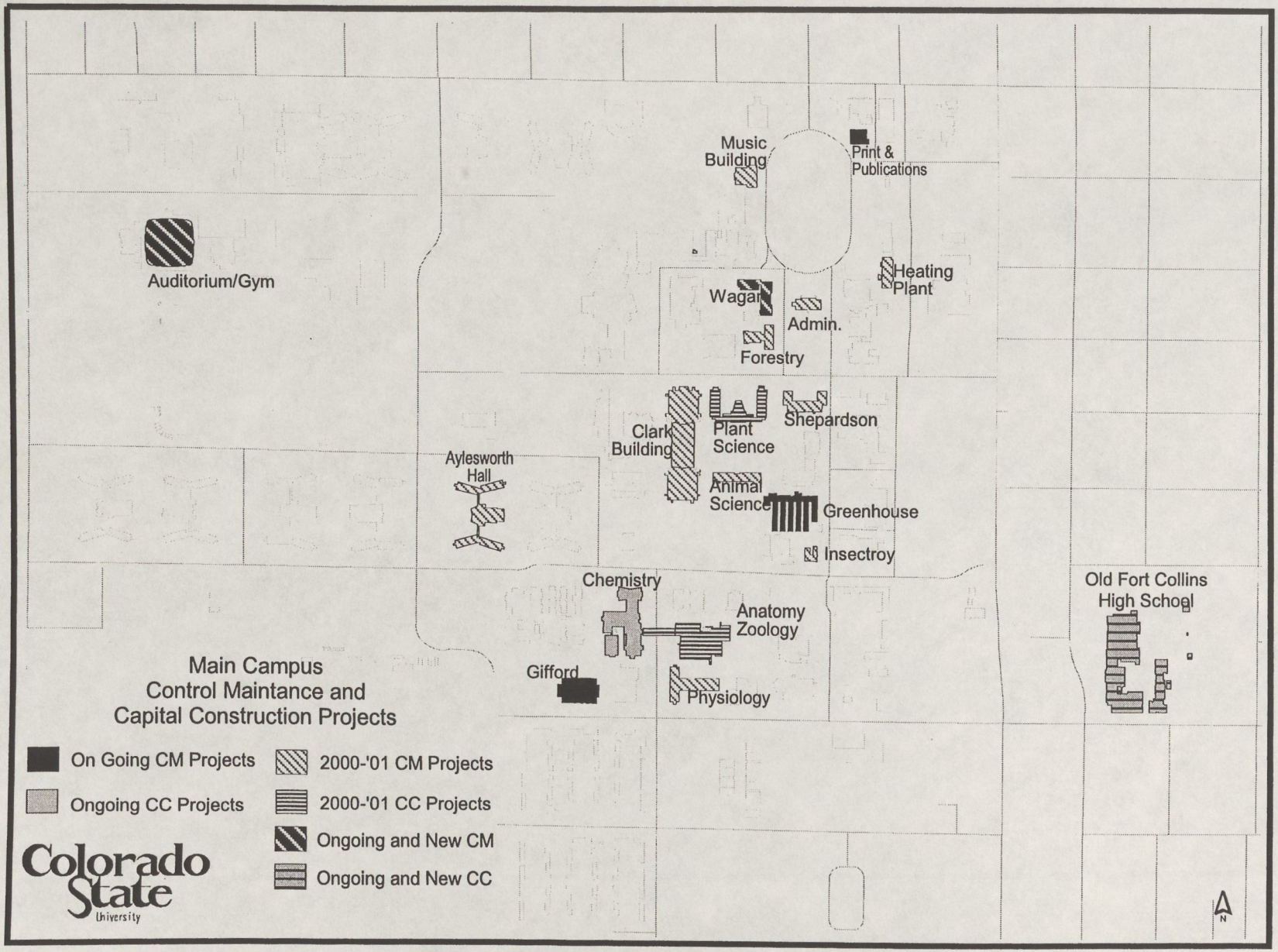
General funded building total GSF: 5,261,957
General funded building total CRV: $567,114,510
All agency building total GSF: 8,200,590
All agency building total CRV: $821,287,725

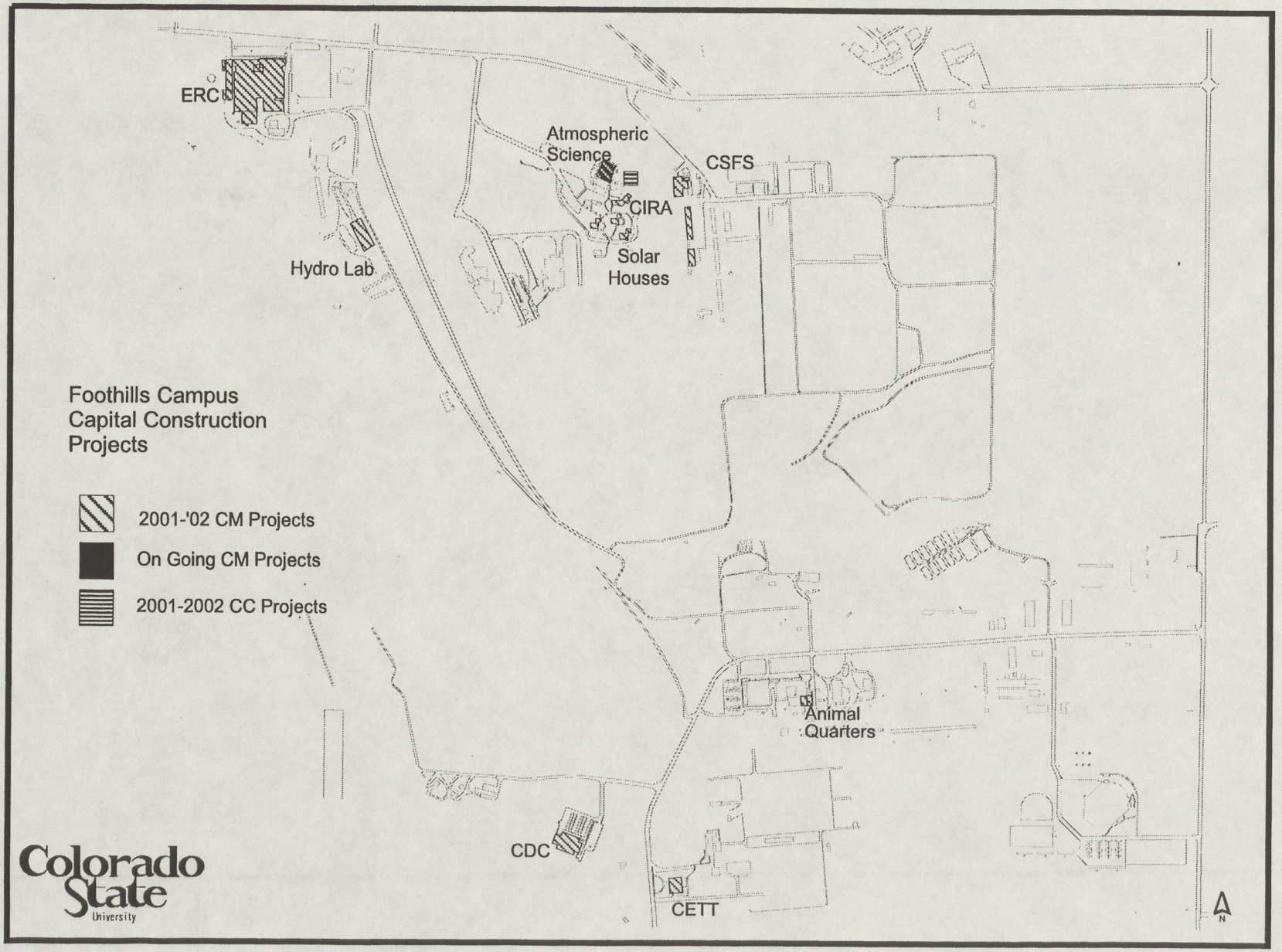
CONTROLLED MAINTENANCE

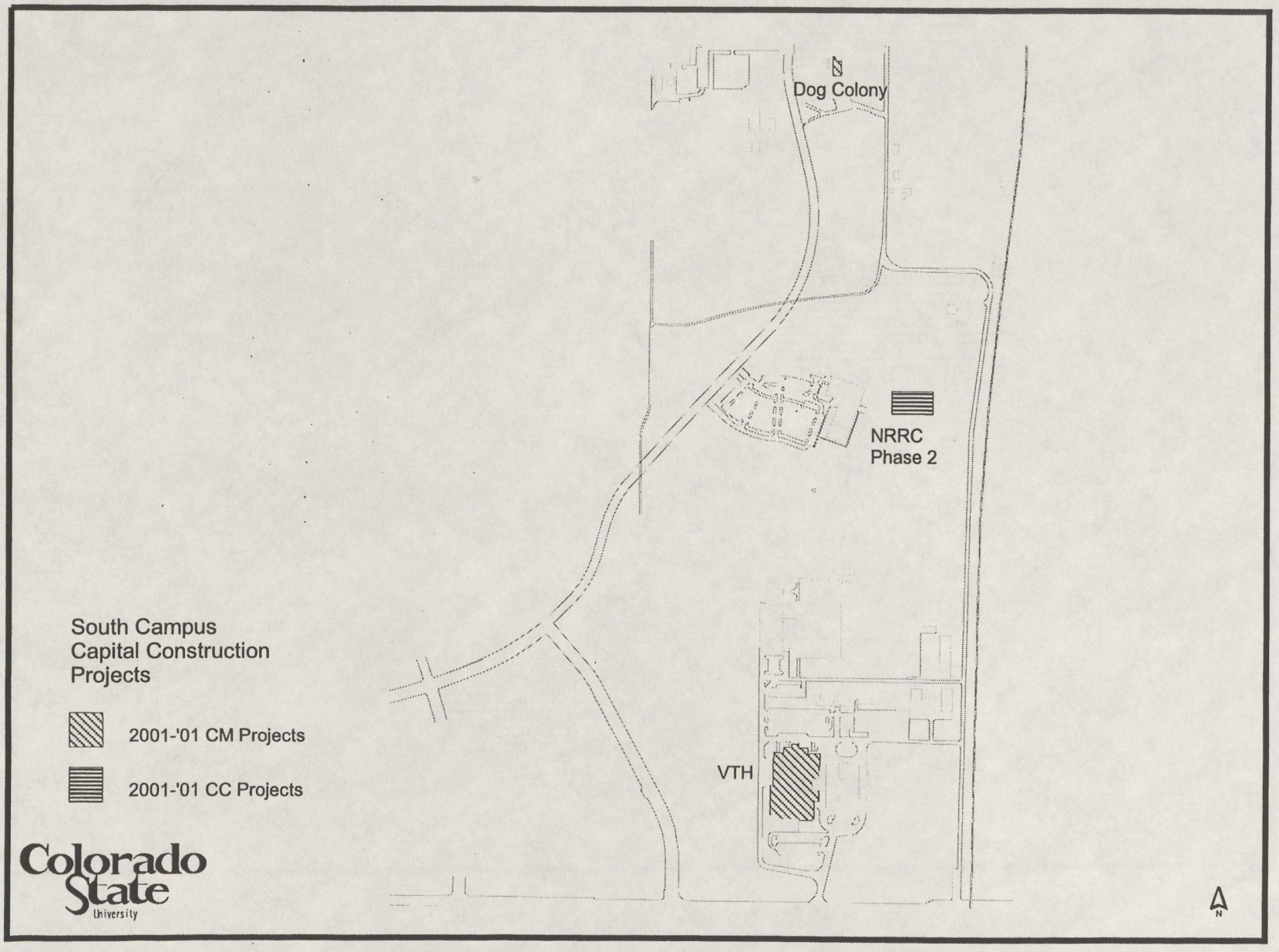
CAMPUS MAPS

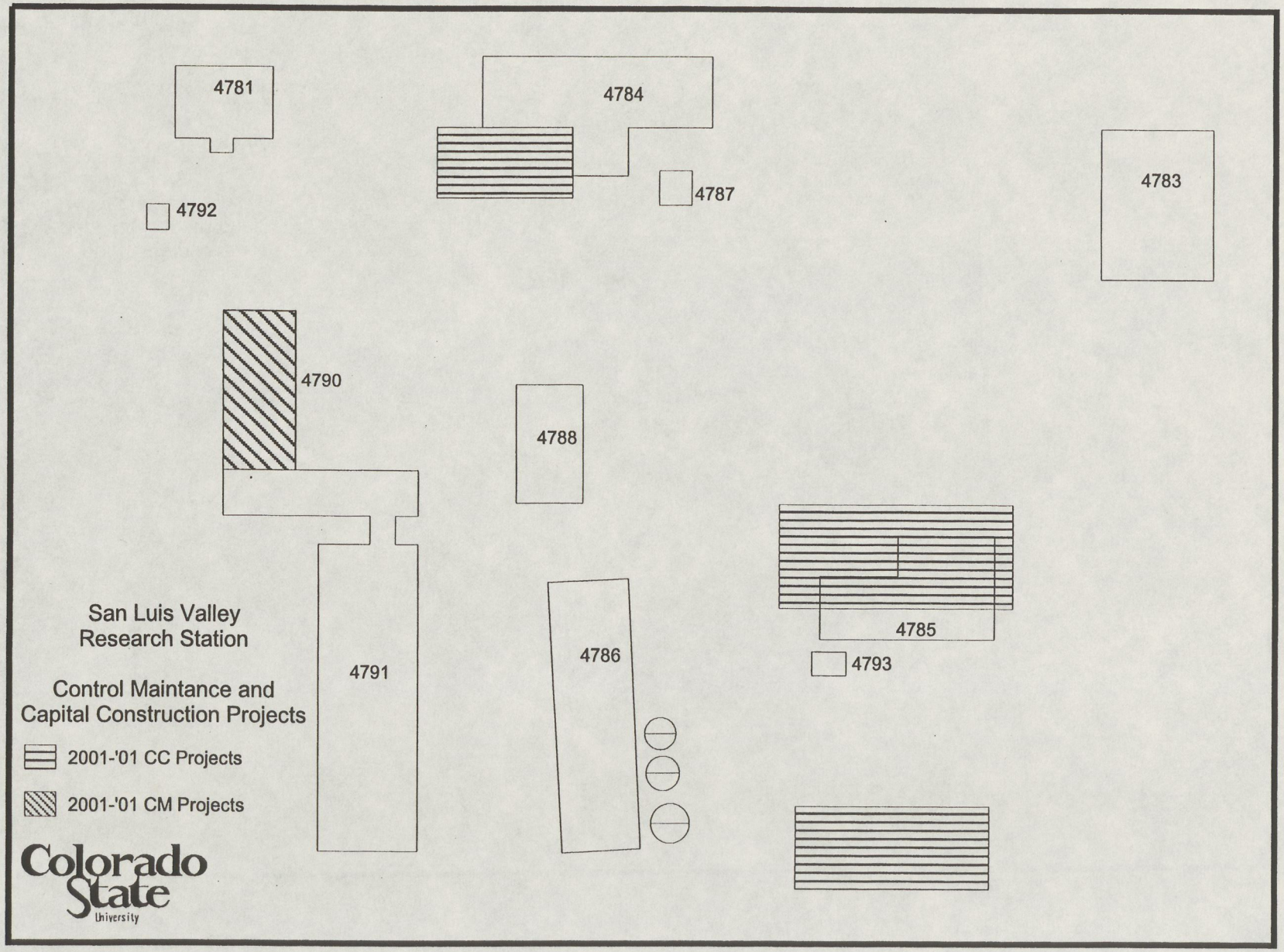
FY 2001/02

MAPS


Music Building
Print & Publications
Auditorium/Gym
Heating Plant
Wagar
Admin.
Forestry
Clark Building
Plant Science
Shepardson
Aylesworth Hall
Animal Science
Greenhouse
Insectroy
Chemistry
Anatomy Zoology
Old Fort Collins High School
Gifford
Physiology
Main Campus
Control Maintance and
Capital Construction Projects
On Going CM Projects
2000-'01 CM Projects
Ongoing CC Projects
2000-'01 CC Projects
Ongoing and New CM
Ongoing and New CC
Colorado State University
N


ERC
Atmospheric Science
CSFS
CIRA
Solar Houses
Hydro Lab
Foothills Campus
Capital Construction
Projects
2001-'02 CM Projects
On Going CM Projects
2001-2002 CC Projects
Animal Quarters
CDC
CETT
Colorado State University
N


Dog Colony
NRRC
Phase 2
VTH
South Campus
Capital Construction
Projects
2001-'01 CM Projects
2001-'01 CC Projects
Colorado State University
N


4781
4784
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San Luis Valley
Research Station
Control Maintance and
Capital Construction Projects
2001-'01 CC Projects
2001-'01 CM Projects
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