

CONTROLLED MAINTENANCE

REQUEST

FISCAL YEAR
2009-2010

construction

design

planning

CSU FACILITIES

ADMINISTRATIVE
SERVICES
FACILITIES
MANAGEMENT

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Colorado State University



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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Agency Priority Number	Project #	Project Title - Number of Phases	Total Project Cost	Prior Appropriation	FY 09/10 Current Yr Request	FY 10/11 Budget Request	FY 11/12 Budget Request	FY 12/13 Budget Request	FY 13/14 Budget Request
1	M06057	Replace Environmental Control System - Phase 3 of 3	\$989,028	\$611,894	\$377,134				
1	M06056	Replace Steam & Condensate - North Line - Phase 3 of 3	\$2,599,406	\$1,169,079	\$1,430,327				
1	M07026	Sanitary Sewer Improvements, Main Campus - Phase 2 of 3	\$2,035,532	\$639,852	\$697,840	\$697,840			
1	03-140	Replace Failed Roofing - Main Campus - Phase 1 of 2	\$3,377,550		\$1,992,100	\$1,385,450			
1	03-124	Replace Inadequate Ventilation Systems - Painter Center - Phase 1 of 1	\$1,887,883		\$1,887,883				
1	98-086	Replace Unsafe Overhead Electrical Service - Foothills Campus - Phase 1 of 2	\$1,690,304		\$1,156,210	\$534,094			
1	08-086	Replace Inadequate Ventilation Systems and Failing Electrical & Mechanical Systems - Visual Arts - Phase 1 of 3	\$3,168,165		\$439,725	\$1,345,300	\$1,383,140		
1	99-005	Replace Unsafe Electrical and Inadequate Mechanical Systems - Engineering Research Center - Phase 1 of 2	\$3,102,930		\$1,551,465	\$1,551,465			
1	03-123	Direct Digital Control System Conversion - Phase 1 of 3	\$1,290,418		\$597,418	\$346,500	\$346,500		
1	03-121	Improve Fire Alarm Systems for Additional Life Safety and Code Compliance - Phase 1 of 2	\$1,284,376		\$499,617	\$784,759			
1	00-001	Remove Asbestos and Replace Deteriorated Electrical & Mechanical - Guggenheim - Phase 1 of 2	\$1,776,070			\$572,000	\$1,204,070		
2	00-005	Replace Broken and Dilapidated Lecture Hall Seating and Improve Accessibility - Phase 1 of 1	\$768,439			\$768,439			
2	07-082	Replace Det. Electrical & Mechanical - Shepardson - Phase 1 of 3	\$1,999,999			\$608,702	\$820,942	\$570,355	
2	02-008	Replace Det. Chillers with Cooling Loop Connection - Phase 1 of 2	\$1,150,000			\$575,000	\$575,000		
2	98-112	Replace Det. Roads & Sidewalks - Phase 1 of 3	\$1,275,510			\$425,170	\$425,170	\$425,170	
2	98-145	Replace Det. Electrical & Mechanical - Military Science - Phase 1 of 1	\$640,000			\$640,000			
2	03-023	Replace Det. Items - Multiple Agricultural Research Centers - Phase 1 of 2	\$749,790			\$374,895	\$374,895		
2	02-009	Replace District Heating Plant Boiler No. 3 - Phase 1 of 3	\$871,820				\$290,606	\$290,606	\$290,607
2	NEW	Replace Det. Electrical & mechanical - Eng. "E" Wing - Phase 1 of 2	\$1,600,000				\$800,000	\$800,000	
2	03-089	Replace Det. Condensate Line - West Drive - Phase 1 of 1	\$641,250				\$641,250		
2	03-122	Replace Det. Boilers - VTH - Phase 1 of 1	\$750,000					\$750,000	
2	99-015	Replace Det. Items - San Juan Basin - Phase 1 of 4	\$1,999,999					\$1,000,000	\$999,999
3	00-003	Replace Det. Items - Lake Street Greenhouse - Phase 1 of 2	\$1,220,712					\$610,356	\$610,356
3	98-152	Replace Det. Electrical & Mechanical - Insectary & Weed Research -1 of 1	\$951,856					\$951,856	
3	98-083	Replace Det. Steam & Condensate - Northwest Campus - Phase 1 of 3	\$1,680,750						\$1,680,750
3	98-146	Replace Det. Electrical & Mechanical - Military Annex - Phase 1 of 1	\$613,140						\$613,140
3	01-009	Replace Det. Refrigeration Units Group 2 - Phase 1 of 1	\$623,000						\$623,000
3	98-059	Annual Phase Health & Life Safety - Phase 1 of 3	\$1,746,800						\$1,746,800
3	03-038	Replace Det. Chillers - Anatomy Zoology - Phase 1 of 3	\$1,999,999						\$1,999,999
3	08-074	Replace Overhead Electric Lines - Foothills Campus - Phase 1 of 3	\$1,880,700						\$1,880,700
3	02-010	Replace Air Handling Units - Main Campus - Phase 1 of 2	\$1,236,500						\$1,236,500
(11) Totals for each Fiscal Year					\$10,629,719	\$10,609,614	\$6,861,573	\$5,398,343	\$11,681,851
(12) Grand Total of the Five Year Plan			\$45,181,100						

CM-04: CM PROJECT
STATUS

 AVERY

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7a)	(8)	(9)	(10)	
Project Number	Project Description, Phase	CCFE Appropriation	Other Funds	Date Funds Available	Funds Encumbered	Percent of Funds Encumbered	Funds Expended	Percent Expended	Notice of Acceptance 6.27	Code Compliance/Final SC 4.1 Date Received	Comments/Status
M3020F	Replace Deteriorated Flooring, Painter Center, Ph 1 of 1	\$0	\$330,405	10/03	\$330,359	100%	\$330,359	100%	4/08-R	11/04	Completed Project Remove from list
M05009	Replace Deteriorated Plumbing Items, Ph 1 of 2	\$481,390	\$0	7/05	\$481,390	100%	\$481,390	100%	N/A	N/A	Phase Complete
M05009	Replace Deteriorated Plumbing Items, Ph 2 of 2	\$283,173	\$0	7/06	\$281,981	99%	\$274,656	97%	6/08	12/08	In Closeout
M06003	Replace Deteriorated Electrical System, Flooring, Ceiling and Windows, Wagar, Ph 1 of 1	\$696,293	\$0	7/06	\$695,805	100%	\$695,805	100%	6/08	8/08	Closeout
M06055	Replace Deteriorated Electrical, Heating, and Plumbing Systems, Music, Ph 1 of 2	\$697,565	\$0	7/06	\$697,565	100%	\$486,155	70%	N/A	N/A	Phase Complete
M06055	Replace Deteriorated Electrical, Heating, and Plumbing Systems, Music, Ph 2 of 2	\$585,024	\$0	7/07	\$447,118	76%	\$0	0%	1/09	5/09	In Construction \$66,576 transferred to M08001
M06056	Replace Steam and Condensate, North Line, Ph 1 of 3	\$490,415	\$0	7/06	\$490,415	100%	\$490,415	100%	N/A	N/A	Phase Complete
M06056	Replace Steam and Condensate, North Line, Ph 2 of 3	\$678,664	\$0	7/07	\$656,083	97%	\$615,361	91%	N/A	N/A	Phase Complete
M06057	Replace Environmental Control System, Ph 1 of 3	\$267,121	\$0	7/06	\$267,121	100%	\$267,121	100%	N/A	N/A	Phase Complete
M06057	Replace Environmental Control System, Ph 2 of 3	\$344,773	\$0	7/07	\$266,724	77%	\$67,341	20%	N/A	N/A	In Construction
M06058	Replace Deteriorated Electrical, Heating, and Plumbing Systems, Forestry, Ph 1 of 2	\$551,876	\$0	7/06	\$551,876	100%	\$551,876	100%	N/A	N/A	Phase Complete
M06058	Replace Deteriorated Electrical, Heating, and Plumbing Systems, Forestry, Ph 2 of 2	\$588,694	\$0	7/07	\$487,079	83%	\$460,193	78%	11/08	3/09	In Construction
M06059	Replace Deteriorated Fire Alarms, Ph 1 of 3	\$400,000	\$0	7/06	\$400,000	100%	\$400,000	100%	N/A	N/A	Phase Complete
M06059	Replace Deteriorated Fire Alarms, Ph 2 of 3	\$400,000	\$0	7/07	\$400,000	100%	\$17,058	4%	N/A	N/A	Construction
M06059	Replace Deteriorated Fire Alarms, Ph 3 of 3	\$424,256	\$0	7/08	\$78,825	19%	\$0	0%	10/09	2/10	Design
M07026	Sanitary Sewer Improvements, Main Campus, Ph 1 of 3	\$639,852	\$0	7/07	\$502,684	79%	\$249,033	39%	N/A	N/A	In Construction
M08001	Pitkin Station Electrical Switchgear Replacement, Ph 1 of 1	\$647,376	\$0	12/07	\$576,391	89%	\$2,986	1%	8/09	11/09	Switchgear due 5/09 \$66,576 transferred from M06055

CC-01: CC PROJECT
STATUS

 AVERY

Project Description, Phase	CCFE Appropriation	Other Funds	Date Funds Available	Funds Encumbered	Percent of Funds Encumbered	Funds Expended	Percent Expended	Notice of Acceptance 6.27	Code Compliance/Final SC 4.1 Date Received	Comments/Status	HPCP status	
University Center for the Arts, Ph 1 of 4	\$699,844	\$5,070,457	7/04	\$6,636,301	100.00%	\$6,636,301	100.00%	N/A	N/A	Phase Complete	N/A	
University Center for the Arts, Ph 3 of 4	\$0	\$21,751,841	7/06	\$21,751,841	100.00%	\$21,751,841	100.00%	N/A	N/A	Phase Complete	N/A	
University Center for the Arts, Ph 4 of 4	\$0	\$7,000,000	7/07	\$5,837,906	83.00%	\$5,738,597	82.00%	9/08	4/09	In Construction	N/A	
University Center for the Arts, Ph 2 of 4	\$0	\$866,000	10/04	\$866,000	100.00%	\$866,000	100.00%	N/A	N/A	Phase Complete	N/A	
University Center for the Arts Concert Hall, Ph 1 of 1	\$7,001,633	\$0	7/05	\$7,001,633	100.00%	\$7,001,633	100.00%	4/08-R	N/A	Completed Project	Remove from list	
Bioenvironmental Research Building Expansion, Ph 1 of 2	\$0	\$10,250,000	6/03	\$10,250,000	100.00%	\$10,250,000	100.00%	N/A	N/A	Phase Complete	N/A	
Bioenvironmental Research Building Expansion, Supplemental, Ph 2 of 2	\$0	\$1,652,175	7/06	\$1,532,102	93.00%	\$954,025	58.00%	11/08	2/09	In Construction	N/A	Cash funds were less than total spending authority
Hughes Stadium Expansion, Ph 1 of 1	\$0	\$14,534,534	7/05	\$14,534,534	100.00%	\$14,535,534	100.00%	4/08-R	6/06	Completed Project	Remove from list	
Regional Biocontainment Laboratory, Ph 1 of 1	\$0	\$31,271,055	7/06	\$30,225,773	97.00%	\$29,826,349	95.00%	4/08	12/08	In Closeout	N/A	
Atmospheric Science Chemistry Addition, Ph 1 of 1	\$0	\$2,500,000	7/04	\$2,498,140	100.00%	\$2,498,140	100.00%	4/08-R	6/07	Completed Project	Remove from list	
Small Animal Research Annex, Ph 1 of 1	\$0	\$1,960,405	7/05	\$1,960,405	100.00%	\$1,960,405	100.00%	4/08-R	6/07	Completed Project	Remove from list	
Regulated Materials Handling Facility, Ph 1 of 1	\$1,502,078	\$301,000	7/07	\$1,801,640	99.00%	\$1,729,639	96.00%	9/08	11/09	In Construction	N/A	
Shortgrass Steppe Field Station Additions and Alternations, Ph 1 of 1	\$0	\$2,320,828	7/05	\$2,320,828	100.00%	\$2,207,875	95.00%	9/08	12/08	In Construction - Per House Bill 08-1303 reversion date is 6/30/2011.	N/A	
Atompheric Sciences Building Construction, Ph 1 of 1	\$0	\$4,965,627	7/06	\$4,107,376	83.00%	\$1,885,578	38.00%	3/09	7/09	In Construction	N/A	
Diagnostic Medicine Center, Ph 1 of 3	\$3,500,000	\$0	7/06	\$3,500,000	100.00%	\$3,500,000	100.00%	N/A	N/A	Phase Complete	N/A	
Diagnostic Medicine Center, Ph 2 of 3	\$19,420,741	\$0	7/07	\$19,420,741	100.00%	\$12,051,065	62.00%	N/A	N/A	In Construction	N/A	
Diagnostic Medicine Center, Ph 3 of 3	\$19,156,307	\$2,922,952	7/08	\$15,757,524	71%	\$0	0	5/09	9/09	In Construction	N/A	
Foothills Campus, Renovation of the Center for Environmental Toxicology and Technology, Ph 1 of 1	\$0	\$6,052,619	7/06	\$0	0.00%	\$0	0.00%	N/A	N/A	Cancelled-never funded	N/A	Remove from list
Relocate Computer Sciences Dept. - Information Sciences and Technology Center Addition/Renovation, Ph 1 of 1	\$0	\$13,420,141	7/06	\$12,828,692	96.00%	\$11,266,689	84.00%	10/08	3/09	In Construction	N/A	Cash funds were less than total spending authority
Veterinary Teaching Hospital, Food Animal Care Facility Construction, Ph 1 of 1	\$0	\$13,029,000	7/06	\$0	0.00%	\$0	0.00%	N/A	N/A	Cancelled	N/A	Remove from list
Veterinary Teaching Hospital, Mechanical and Fire Sprinklers, Ph 1 of 1	\$3,225,172	\$0	7/06	\$3,139,449	97.00%	\$3,139,449	97.00%	4/08	10/08	In Closeout	N/A	

Project Description, Phase	CCFE Appropriation	Other Funds	Date Funds Available	Funds Encumbered	Percent of Funds Encumbered	Funds Expended	Percent Expended	Notice of Acceptance 6.27	Code Compliance/Final SC 4.1 Date Received	Comments/Status	HPCP status	
Academic Training and Indoor Practice Facility, Ph 1 of 1	\$0	\$20,000,000	7/07	\$4,463,870	22.00%	\$917,729	5.00%	11/09	4/10	In Design	Gold-Pre	
Biomass District Heating Plant, Foothills Campus, Ph 1 of 1	\$0	\$1,231,000	7/07	\$318,585	26.00%	\$54,427	4.00%	5/09	9/09	In Design	N/A	<5000sf
District Cooling Plant No. 2, Ph 1 of 1	\$0	\$2,800,000	7/07	\$2,800,000	100.00%	\$2,800,000	100.00%	N/A	N/A	In Construction	N/A	<5000sf
District Cooling Plant No. 2, Supplemental	\$0	\$4,300,000	12/07	\$2,639,369	61.00%	\$2,503,899	58.00%	12/08	2/09	In Construction		
Research Innovation Center, Ph 1 of 1	\$0	\$52,000,000	7/07	\$10,874,612	21.00%	\$1,992,854	4.00%	10/10	2/11	In Design	Gold-Pre	
Rockwell Hall Business Expansion, Supplemental	\$0	\$3,496,150	3/08	\$0	0.00%	\$0	0.00%	3/10	N/A	In Design		
Rockwell Hall Business Expansion, Ph 1 of 1	\$0	\$11,803,850	7/07	\$1,421,730	12.00%	\$485,051	4.00%	N/A	N/A	In Design	Gold-Reg	
Clark Building Revitalization, Ph 1	\$2,000,000	\$2,000,000	1/08	\$812,911	20%	\$83,834	2%	N/A	N/A	In Design	N/A	limited scope
Clark Building Revitalization, Ph 2 of 3	\$2,000,000		7/08	\$0	0%	\$0	0	N/A	N/A	In Design		
New Academic Village, Phase 1B	\$0	\$22,144,617	7/08	\$44,048,644,768,420	21.00%	\$942,090	4.00%	9/09	1/10	In Construction	Gold-Reg	Cash funds were less than total spending authority
Industrial Science Building Renovation	\$0	\$3,773,375	7/08	\$245,401	6%	\$83,519	2%	6/09	12/09	In Design	N/A	Historical Bldg-construction being donated
Moby B & C Wings Expansion and Remodel, Human Performance/Clinical Research Lab, Ph 1 of 4	\$0	\$2,300,000	7/08	\$332,262	14%	\$8,262	0%	N/A	N/A	In Design	Gold-Pre	Cash funds were less than total spending authority
North Entrance Addition, Engineering Building, Ph 1 of 1	\$0	\$6,000,000	7/08							Hold- pending cash funds		
Painter Center Addition/Renovation, Ph 1 of 5	\$0	\$1,924,858	7/08							Hold- pending cash funds		
Professional Veterinary Medicine Program, Community Practice Building, Ph 1 of 1	\$0	\$17,300,000	7/08							Hold- pending cash funds		
Professional Veterinary Medicine Program, Veterinary Teaching Hospital, Ph 1 of 1	\$0	\$21,800,000	7/08							Hold- pending cash funds		
PET/CT Scanner Purchase and Installation	\$0	\$4,310,000	7/08	\$0	0%	\$0	0%	8/09	12/09	Waiting on transfer of Federal grant funds	n/a	Equipment installation

CM-05: BUILDING
INVENTORY

AVERY

CONTROLLED MAINTENANCE AGENCY'S BUILDING INVENTORY LIST - 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS

COLORADO STATE UNIVERSITY

FACILITIES MANAGEMENT DEPARTMENT

August 28, 2007

Building Name	Risk No.	Bldg. No.	Occ. Type	Fund.	G.S.F.	C.R.V.	Date Built	Pre 2000	Pre 2002	Audit Date	F.C.I.	Target FCI	A/DET	T/DET	T Backlog	Code Projects	CC Projects	CM Projects	EM
Alumni Center	3188	0001	16	100	4,690	\$582,076	1946			2003	69.00	94.00	\$180,444	\$34,925	\$145,519				
Palmer Center	3189	0004	50	0	17,671	\$2,189,591	1967			2003	94.00	94.00	\$131,375	\$131,375	\$0				
Westfall Hall	3190	0005	50	0	104,898	\$12,997,775	1967			2003	94.00	94.00	\$779,867	\$779,867	\$0				
Durrell Center	3191	0006	50	0	46,226	\$5,727,804	1967			2003	82.00	94.00	\$1,031,005	\$343,668	\$687,336				
Durward Hall	3192	0007	50	0	104,898	\$12,997,775	1967			2003	91.00	94.00	\$1,169,800	\$779,867	\$389,933				
Lory South	3193	0008	50	0	34,638	\$3,755,511	1950			2003	81.00	94.00	\$713,547	\$225,331	\$488,216				
Lory North	3194	0009	50	0	34,638	\$3,755,511	1950			2003	81.00	94.00	\$713,547	\$225,331	\$488,216				
Corbett Hall	3195	0010	50	0	223,334	\$24,214,252	1965			2003	88.00	94.00	\$2,905,710	\$1,452,855	\$1,452,855				
Pamelee Hall	3196	0011	50	0	111,034	\$12,038,495	1962			2003	81.00	94.00	\$2,287,314	\$722,310	\$1,565,004				
Green Hall	3197	0013	16	100	18,755	\$2,033,419	1953			2003	84.00	94.00	\$325,347	\$122,005	\$203,342				
Allison Hall	3198	0014	50	0	98,023	\$10,627,820	1957			2003	77.00	94.00	\$2,444,399	\$637,669	\$1,806,729				
Rockwell Hall	3199	0015	16	100	61,198	\$11,927,154	1940	2000	94.58	2006	88.00	94.00	\$1,472,144	\$715,629	\$765,515				
Softball Dugouts	5125	0016	15	100	255	\$48,735	1995			2003	49.00	90.00	\$24,855	\$4,874	\$19,981				
Ingersoll Hall	3200	0017	50	0	98,802	\$10,712,281	1964			2003	70.00	94.00	\$3,213,684	\$642,737	\$2,570,947				
Edwards Hall	3201	0018	50	0	98,023	\$10,627,820	1964			2003	78.00	94.00	\$2,338,120	\$637,669	\$1,700,451				
Newsom Hall	3203	0020	50	0	104,510	\$11,331,152	1954			2003	63.00	94.00	\$4,192,526	\$679,869	\$3,512,657				
Aylesworth Hall	3204	0021	10	100	87,523	\$10,845,360	1956	2000	71.66	2006	59.00	94.00	\$4,446,598	\$650,722	\$3,795,876			M01013	
Braiden Hall	3205	0022	50	0	110,837	\$12,476,519	1963			2003	86.00	94.00	\$1,746,713	\$748,591	\$998,122				
Baseball Press Box	3206	0023	15	100	128	\$24,398	1984			2003	49.00	90.00	\$12,443	\$2,440	\$10,003				
Softball Scorers Box	5126	0024	15	100	95	\$8,360	1995			2003	49.00	90.00	\$4,264	\$836	\$3,428				
Hartshorn Health Center (HHC)	3207	0025	41	0	39,169	\$6,094,442	1964	1999	78.40	2005	77.00	94.00	\$1,401,722	\$365,667	\$1,036,055				
Baseball Dugouts	3208	0026	15	100	528	\$31,673	1960			2003	49.00	90.00	\$16,153	\$3,167	\$12,986				
Auditorium Gymnasium	3209	0027	15	100	278,488	\$34,907,464	1966	2000	71.77	2007	68.00	94.00	\$11,170,388	\$2,094,448	\$9,075,941		P0014, P0015		
Athletic Storage	3210	0028	15	100	536	\$5,990	1982			2003	49.00	90.00	\$3,055	\$599	\$2,456				
Thurman "Fum" McGraw Athletic Center	5161	0029	16	0	26,512	\$3,784,455	1999			2003	96.00	94.00	\$151,378	\$227,067	\$0				
Student Rec. Center	5004	0030	15	0	90,804	\$25,733,125	1989			2003	85.10	94.00	\$3,834,236	\$1,543,988	\$2,290,248				
Tennis Court Storage	3211	0031	15	100	45	\$2,509	1999			2003	49.00	90.00	\$1,280	\$251	\$1,029				
Weather Station	3212	0032	11	100	350	\$43,370	1989	1999	78.05	2005	78.10	94.00	\$9,498	\$2,602	\$6,896				
Intermural Field Restrooms	8015	0033	15	0	558	\$118,338	1997			2003	58.00	90.00	\$49,702	\$11,834	\$37,868				
Intermural Field First Aid/Storage	8016	0034	15	0	776	\$13,395	1997			2003	58.00	90.00	\$5,626	\$1,340	\$4,286				
Student Center	3213	0040	40	0	295,488	\$45,771,268	1961			2003	74.30	94.00	\$11,763,216	\$2,746,276	\$9,016,940				
Engineering	3217	0041	12	100	211,410	\$106,236,273	1957	2000	91.19	2006	84.30	94.00	\$16,679,095	\$6,374,176	\$10,304,918				
Computer Cent. Annex	3220	0042	11	100	800	\$24,810	1963			2003	59.00	90.00	\$10,172	\$2,481	\$7,691				
Statistics	3221	0044	16	100	25,528	\$4,880,410	1908	2000	87.24	2006	79.70	94.00	\$990,723	\$292,825	\$697,899				
Louis R. Weber	3222	0045	11	100	55,225	\$6,842,858	1922			2007	80.60	94.00	\$1,327,514	\$410,571	\$916,943				
Music	3224	0046	13	100	31,370	\$3,887,141	1927	1999	48.93	2005	46.60	94.00	\$2,075,733	\$233,228	\$1,842,505			M00034, M01011	
Ammons Hall	3226	0050	16	100	24,467	\$3,183,176	1921	2000	88.80	2006	86.30	94.00	\$436,095	\$190,991	\$245,105				
Danforth Chapel	3227	0051	20	100	1,059	\$659,069	1954	1999	71.72	2005	66.80	94.00	\$218,811	\$39,544	\$179,267				
Guggenheim Hall	3228	0055	10	100	16,735	\$1,904,833	1910	2001	43.29	2007	73.70	94.00	\$500,971	\$114,290	\$386,681			M00034	
Home Management	3229	0056	16	100	4,331	\$402,486	1925			2003	64.00	94.00	\$144,895	\$24,149	\$120,746				
Industrial Sciences	3231	0058	14	100	28,009	\$3,036,783	1884	2000	75.83	2006	70.70	94.00	\$889,777	\$182,207	\$707,570				
Laurel Hall	3232	0059	30	100	14,780	\$1,602,473	1884	2000	98.55	2006	92.70	94.00	\$116,981	\$96,148	\$0				

Industrial Sci. Labs	3233	0060	14	100	20,246	\$2,195,073	1925		1999	75.28	2005	67.00	94.00	\$724,374	\$131,704	\$592,670			
Route Hall	3234	0061	16	100	4,918	\$778,639	1890		2000	92.96	2006	84.30	94.00	\$122,246	\$46,718	\$75,528			
Planting Shed	3235	0062	11	100	498	\$38,567	1896		1999	88.60	2005	84.30	90.00	\$6,055	\$3,857	\$2,198			
Sage Hall	3236	0063	11	100	7,038	\$1,124,851	1896		2001	86.43	2007	80.60	94.00	\$218,221	\$67,491	\$150,730			
Spruce Hall	3238	0064	16	100	18,738	\$2,031,576	1881		2000	86.67	2006	79.30	94.00	\$420,536	\$121,895	\$298,642			
Occupational Therapy Annex	3240	0065	30	100	984	\$76,546	1910		2001	95.77	2007	85.20	94.00	\$11,329	\$4,593	\$0			
Occupational Therapy	3241	0066	10	100	22,104	\$2,738,878	1919		1999	86.08	2005	79.30	94.00	\$566,948	\$164,333	\$402,615			
L. L. Gibbons	3242	0067	14	100	14,084	\$1,745,130	1905		2001	96.88	2007	87.70	94.00	\$214,651	\$104,708	\$0			
Heating Plant	3245	0068	30	100	19,416	\$18,918,451	1915		2001	92.25	2007	85.90	94.00	\$2,667,502	\$1,135,107	\$1,532,395			M00034
Chilled Water Plant	8830	0069	30	100	3,482	\$441,510	1999				2003	97.00	94.00	\$13,245	\$26,491	\$0			
Alder Hall	3248	0071	10	100	6,103	\$678,512	1930		1999	84.36	2005	77.00	94.00	\$156,058	\$40,711	\$115,347			
College Avenue Gym	3250	0073	15	100	61,877	\$7,901,229	1924		2000	91.49	2006	82.90	94.00	\$1,351,110	\$474,074	\$877,036			
Vocational Education	3251	0075	16	100	11,491	\$1,252,368	1910		2001	96.72	2007	83.40	94.00	\$207,893	\$75,142	\$0			
Student Services	3254	0076	16	100	36,243	\$3,981,019	1948		1999	75.81	2005	74.91	94.00	\$998,838	\$238,861	\$759,977		P0014	
Administration Annex	3255	0077	16	100	43,145	\$4,699,384	1950		2001	81.00	2007	80.20	94.00	\$930,478	\$281,963	\$0			
Johnson Hall	3257	0079	10	100	48,013	\$6,188,696	1936		2000	77.12	2006	72.10	94.00	\$1,726,646	\$371,322	\$1,355,324			
Administration	3258	0080	16	100	32,172	\$4,004,603	1924		1999	73.48	2005	73.10	94.00	\$1,077,238	\$240,276	\$836,962			M00034
Forestry	3260	0081	10	100	27,046	\$3,351,389	1937		2001	58.43	2007	65.60	94.00	\$1,152,878	\$201,083	\$951,794			M00034, M01017
Natural Resources	3262	0082	10	100	73,027	\$9,688,236	1975		1999	78.25	2005	70.90	94.00	\$2,819,277	\$581,294	\$2,237,983			
Nat Resource Res Lab	3263	0083	16	100	4,000	\$495,651	1968				2005	48.50	94.00	\$255,260	\$29,739	\$225,521			
J.V.K. Wagar	3264	0084	11	100	48,160	\$7,162,972	1939		2001	81.20	2007	76.30	94.00	\$1,697,624	\$429,778	\$1,267,846			M00032
Engineering South/Glover	3269	0088	12	100	52,823	\$9,017,573	1950		2001	88.20	2007	81.10	94.00	\$1,704,321	\$541,054	\$1,163,267			
Morgan Library	3275	0090	17	100	299,584	\$39,243,437	1964		2001	94.08	2007	82.60	94.00	\$6,828,358	\$2,354,606	\$0		P0014	
Andrew G. Clark	3276	0091	10	100	254,792	\$27,624,115	1967		1999	68.33	2005	65.50	94.00	\$9,530,320	\$1,657,447	\$7,872,873			
Plant Sciences	3278	0092	11	100	82,725	\$11,532,097	1959		2001	94.67	2007	91.60	94.00	\$968,696	\$691,926	\$276,770		P0017	
Shepardson	3281	0093	10	100	47,354	\$6,601,280	1939		2001	58.61	2007	54.30	94.00	\$3,016,785	\$396,077	\$2,620,708		P0014	M01012
Military Sciences	3282	0094	10	100	13,814	\$1,497,737	1927		1999	48.75	2005	47.20	94.00	\$790,805	\$89,864	\$700,941			
Military Annex	3284	0095	10	100	6,730	\$521,191	1927		2001	28.08	2007	62.70	94.00	\$194,404	\$31,271	\$163,133			
Flammable Liquids	3286	0099	30	100	160	\$14,108	1977				2003	69.00	90.00	\$4,373	\$1,411	\$2,963			
General Services Bld	3287	0102	16	0	74,907	\$11,653,831	1948		1999	72.25	2005	63.60	94.00	\$4,241,994	\$699,230	\$3,542,765			
Facilities Svc-North	3294	0104	16	100	31,566	\$3,422,525	1957		2000	77.49	2006	67.20	94.00	\$1,122,588	\$205,352	\$917,237			
Insectary	3296	0105	11	100	4,313	\$534,435	1967		2000	71.44	2006	74.70	94.00	\$135,212	\$32,066	\$103,146			M00034
Madison Macdonald Observatory	3297	0106	11	100	687	\$159,620	1965		2001	88.44	2007	78.20	94.00	\$34,797	\$9,577	\$25,220			
Weed Research Laboratory	3298	0107	11	100	17,329	\$1,878,812	1964		2001	71.89	2007	63.80	94.00	\$680,130	\$112,729	\$567,401			
Univ. Greenhouses	3302	0108	11	100	42,614	\$4,620,214	1960		2000	50.66	2006	83.20	94.00	\$776,196	\$277,213	\$498,983			M90026
Natural & Environmental Services Bldg	7334	0109	11	100	77,000	\$12,928,169	1994		2000	86.73	2006	82.00	94.00	\$2,327,070	\$775,690	\$1,551,380			
Animal Sciences	3305	0110	11	100	40,412	\$5,633,582	1959		2001	59.39	2007	61.00	94.00	\$2,197,097	\$338,015	\$1,859,082		P0014	M01012
Inst Serv Maint Shop	3307	0111	30	100	220	\$128,244	1989				2003	64.00	94.00	\$46,168	\$7,695	\$38,473			
Willard O. Eddy Hall	3308	0113	10	100	69,457	\$7,530,410	1963		2001	79.56	2007	73.70	94.00	\$1,980,498	\$451,825	\$1,528,673			
Education	3309	0114	10	100	40,931	\$5,071,940	1964		2000	82.80	2006	75.90	94.00	\$1,222,338	\$304,316	\$918,021			
Microbiology	3310	0120	11	100	85,131	\$15,009,081	1968		2001	82.03	2007	77.00	94.00	\$3,452,089	\$900,545	\$2,551,544			
Stock Judging Pav.	3311	0121	11	100	9,376	\$726,075	1960		2000	81.66	2006	73.50	94.00	\$192,410	\$43,565	\$148,845			
Motor Pool Storage	3313	0123	30	100	268	\$5,237	1984				2003	49.00	90.00	\$2,671	\$524	\$2,147			
Vehicle Maintenance	3314	0124	30	100	1,860	\$74,136	1984				2003	59.00	94.00	\$30,396	\$4,448	\$25,948			
Facilities Svc-South	3315	0125	30	100	12,194	\$1,133,207	1957		1999	74.02	2005	71.30	94.00	\$325,230	\$67,992	\$257,238			
East Garages	3317	0126	30	100	3,572	\$66,303	1927				2003	49.00	90.00	\$33,815	\$6,630	\$27,184			
Electric Shop	3318	0127	30	100	2,088	\$162,439	1957				2003	49.00	94.00	\$82,844	\$9,746	\$73,098			
Facilities Storage	3320	0129	30	100	9,249	\$286,780	1027				2003	49.00	90.00	\$146,258	\$28,678	\$117,580			
Vehicle Wash	3321	0130	30	100	836	\$38,845	1964				2003	59.00	90.00	\$15,926	\$3,885	\$12,042			
Central Receiving	3322	0131	30	100	15,675	\$1,456,689	1967		2001	83.42	2007	75.30	94.00	\$359,802	\$87,401	\$272,401			

Central Rec. Storage	3324	0132	30	100	4,203	\$130,321	1927	2001	65.20	2007	60.00	90.00	\$52,128	\$13,032	\$39,096				
Hazardous Waste	3325	0133	30	100	910	\$212,370	1983	2000	88.04	2003	88.04	90.00	\$25,399	\$21,237	\$4,162				
Hazardous Waste	3326	0134	30	100	2,500	\$55,762	1984	2000	86.62	2003	86.62	90.00	\$7,461	\$5,576	\$1,885				
Chemical Storage Unit	7935	0135	31	100	144	\$56,788	1998			2003	65.00	90.00	\$19,876	\$5,679	\$14,197				
Central Rec. Storage	3328	0136	30	100	4,042	\$68,851	1975	2001	81.26	2007	74.20	90.00	\$17,764	\$6,885	\$10,878				
Book Storage Fclty	3329	0137	29	100	28,000	\$722,918	1985	2000	88.39	2006	87.00	94.00	\$93,979	\$43,375	\$50,604				
MC Substation	7175	0138	30	100	546	\$588,919	1967			2003	55.00	90.00	\$265,014	\$58,892	\$206,122				
Pathology	3330	0140	11	100	58,902	\$8,417,079	1976	2001	83.53	2007	78.30	94.00	\$1,826,506	\$505,025	\$1,321,481			P0014	
Environmental Health	3332	0141	11	100	18,173	\$2,251,865	1970	2001	73.56	2007	73.70	94.00	\$592,240	\$135,112	\$457,129				
Physiology	3336	0142	11	100	64,740	\$10,027,883	1966	2001	68.64	2007	67.50	94.00	\$3,259,062	\$601,673	\$2,657,389				M01012
Anatomy-Zoology	3337	0143	11	100	148,437	\$23,095,832	1973	2000	80.95	2006	74.60	94.00	\$5,866,341	\$1,385,750	\$4,480,591			P0014, P0116	
Painter Center	3338	0144	11	100	31,139	\$4,257,642	1980	1999	84.34	2008	80.50	94.00	\$830,240	\$255,459	\$574,782				
Albert C. Yates Hall		0145	11	100	87,841	\$20,283,901	2002			2006	94.00	94.00	\$1,217,034	\$1,217,034	\$0				
Chemistry	3339	0150	11	100	168,037	\$31,230,735	1971	1999	76.96	2008	71.20	94.00	\$8,994,452	\$1,873,844	\$7,120,608			P9909	
Visual Arts	3341	0151	13	100	91,997	\$9,302,663	1973	2000	77.64	2006	76.70	94.00	\$2,167,520	\$558,160	\$1,609,361				
Gifford	3343	0152	10	100	92,278	\$9,650,193	1975	2001	73.61	2007	73.20	94.00	\$2,586,252	\$579,012	\$2,007,240			P0014	M00034, M90023
Mol. & Rad. Biosci.	5003	0155	11	100	87,670	\$17,932,486	1989	2000	92.15	2006	89.20	94.00	\$1,936,708	\$1,075,949	\$860,759			P0014	
Hort. Storage Shed	3344	0172	31	100	1,156	\$24,457	1976			2003	49.00	90.00	\$12,473	\$2,446	\$10,027				
Horticulture Garage	3345	0173	31	100	768	\$47,600	1976			2003	49.00	90.00	\$24,276	\$4,760	\$19,516				
Greenhouse	3348	0184	11	100	960	\$14,883	1976			2003	49.00	94.00	\$7,590	\$893	\$6,697				
Greenhouse No. 6	3354	0191	11	100	264	\$12,267	1971			2003	39.00	94.00	\$7,483	\$736	\$6,747				
Greenhouse No. 7	3355	0192	11	100	264	\$12,267	1971			2003	39.00	94.00	\$7,483	\$736	\$6,747				
Greenhouse	3356	0193	11	100	1,105	\$85,574	1960			2003	39.00	94.00	\$52,200	\$5,134	\$47,066				
Hort. Quonset-North	3357	0194	14	100	3,099	\$239,986	1954			2003	39.00	94.00	\$146,391	\$14,399	\$131,992				
Hort. Quonset-South	3358	0195	14	100	3,188	\$246,878	1954			2003	39.00	94.00	\$150,596	\$14,813	\$135,783				
Lake St. Greenhouses	3359	0196	11	100	19,398	\$1,502,237	1949	2001	58.75	2007	51.70	94.00	\$725,580	\$90,134	\$635,446				
Greenhouse	3361	0197	11	100	960	\$14,883	1976			2003	49.00	94.00	\$7,590	\$893	\$6,697				
Greenhouse	3362	0198	11	100	960	\$14,883	1976			2003	49.00	94.00	\$7,590	\$893	\$6,697				
Aggie Vill North 1	3364	0201	51	0	2,568	\$198,865	1961			2003	88.00	94.00	\$23,864	\$11,932	\$11,932				
Aggie Vill North 2	3365	0202	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 3	3366	0203	51	0	2,568	\$198,865	1961			2003	88.00	94.00	\$23,864	\$11,932	\$11,932				
University Children's Center	3367	0204	60	0	3,083	\$238,747	1961			2003	88.00	94.00	\$28,650	\$14,325	\$14,325				
Aggie Vill North 5	3368	0205	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 6	3369	0206	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 7	3370	0207	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 8	3371	0208	51	0	8,264	\$639,988	1961			2003	88.00	94.00	\$76,799	\$38,399	\$38,399				
Aggie Vill North 9	3372	0209	51	0	3,855	\$298,530	1961			2003	88.00	94.00	\$35,824	\$17,912	\$17,912				
Aggie Vill North 10	3373	0210	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 11	3374	0211	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 12	3375	0212	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 13	3376	0213	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 14	3377	0214	51	0	2,568	\$198,865	1961			2003	88.00	94.00	\$23,864	\$11,932	\$11,932				
Aggie Vill North 15	3378	0215	51	0	2,568	\$198,865	1961			2003	88.00	94.00	\$23,864	\$11,932	\$11,932				
Aggie Vill North 16	3379	0216	51	0	8,264	\$639,962	1961			2003	88.00	94.00	\$76,795	\$38,398	\$38,398				
Aggie Vill North 17	3380	0217	51	0	2,568	\$198,865	1961			2003	88.00	94.00	\$23,864	\$11,932	\$11,932				
Aggie Vill North 6s	3384	0221	51	0	135	\$10,454	1961			2003	88.00	94.00	\$1,254	\$627	\$627				
Aggie Vill North 7s	3386	0223	51	0	135	\$10,454	1961			2003	88.00	94.00	\$1,254	\$627	\$627				
Aggie Vill North 11s	3392	0229	51	0	135	\$10,454	1961			2003	88.00	94.00	\$1,254	\$627	\$627				
Aggie Vill North 12s	3394	0231	51	0	135	\$10,454	1961			2003	88.00	94.00	\$1,254	\$627	\$627				
Aggie Vill South 18	3399	0301	51	0	2,559	\$198,168	1964			2003	89.00	94.00	\$21,798	\$11,890	\$9,908				

Aggie Vill South 19	3400	0302	51	0	2,559	\$198,168	1964			2003	89.00	94.00	\$21,798	\$11,890	\$9,908				
Aggie Vill South 20	3401	0303	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 21	3402	0304	51	0	2,559	\$167,168	1964			2003	89.00	94.00	\$18,388	\$10,030	\$8,358				
Aggie Vill South 22	3403	0305	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 23	3404	0306	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 24	3405	0307	51	0	3,281	\$254,080	1964			2003	88.00	94.00	\$30,490	\$15,245	\$15,245				
Aggie Vill South 25	3407	0308	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 26	3408	0309	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 27	3409	0310	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 28	3410	0311	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 29	3411	0312	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 30	3412	0313	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 31	3413	0314	51	0	2,559	\$198,168	1964			2003	89.00	94.00	\$21,798	\$11,890	\$9,908				
Aggie Vill South 32	3414	0315	51	0	8,234	\$637,638	1964			2003	89.00	94.00	\$70,140	\$38,258	\$31,882				
Aggie Vill South 33	3415	0316	51	0	2,559	\$198,168	1964			2003	89.00	94.00	\$21,798	\$11,890	\$9,908				
Aggie Vill South 34	3416	0317	51	0	2,559	\$198,168	1964			2003	89.00	94.00	\$21,798	\$11,890	\$9,908				
S. Aggie Mail Kiosk	7180	0318	60	0	109	\$22,082	1992			2003	89.00	94.00	\$2,429	\$1,325	\$1,104				
Storage	3439	0422	31	100	402	\$12,467	1964			2003	49.00	90.00	\$6,358	\$1,247	\$5,111				
Storage	3440	0423	31	100	1,579	\$48,969	1964			2003	49.00	90.00	\$24,974	\$4,897	\$20,077				
Ground Storage	5127	0425	31	100	634	\$8,970	1995			2003	49.00	90.00	\$4,575	\$897	\$3,678				
Pump House	3441	0431	31	100	49	\$1,519	1964			2003	49.00	90.00	\$775	\$152	\$623				
Mary and Robert Flint Cancer Center	9400	0550	41	100	35,217	\$8,406,323	2002			2003	100.00	94.00	\$0	\$504,379	\$0				
VTH - Feed Storage	7940	0551	31	100	140	\$1,415	1998			2003	49.00	90.00	\$722	\$142	\$580				
Isolation Barn	3443	0553	41	100	2,109	\$183,232	1979	2000	75.39	2005	69.90	94.00	\$55,153	\$10,994	\$44,159				
Horse Barn and Animal Food Barn	3444	0554	41	100	45,194	\$3,926,495	1979	2000	77.46	2008	71.00	94.00	\$1,138,684	\$235,590	\$903,094				
Vet. Teaching Hosp.	3445	0555	41	100	137,233	\$23,847,719	1979	2000	78.40	2006	72.10	94.00	\$6,653,514	\$1,430,863	\$5,222,650			M01016	
Canine/Raptor	3446	0556	41	100	3,632	\$812,599	1981	2000	83.98	2005	80.60	94.00	\$157,644	\$48,756	\$108,888				
Dairy Center	3448	0557	31	100	91,157	\$2,063,056	1981	2000	75.47	2007	76.50	94.00	\$484,818	\$123,783	\$361,035				
Maintenance Garage	3449	0558	29	100	1,212	\$52,067	1981	2000	83.51	2007	76.60	94.00	\$12,184	\$3,124	\$9,060				
Storage	3450	0559	31	100	2,125	\$39,444	1957			2003	49.00	90.00	\$20,116	\$3,944	\$16,172				
Storage	3451	0560	31	100	2,125	\$39,444	1957			2003	49.00	90.00	\$20,116	\$3,944	\$16,172				
Solids Separator	3452	0561	31	100	400	\$17,185	1981			2003	49.00	90.00	\$8,764	\$1,719	\$7,046				
Storage	3453	0562	31	100	2,125	\$39,444	1957			2003	49.00	90.00	\$20,116	\$3,944	\$16,172				
Gail Holmes Orthopedic Research lab		0563	31	100	14,507	\$1,521,912	2002			2003	100.00	94.00	\$0	\$91,315	\$0				
Hay Shed	3456	0565	31	100	3,684	\$134,641	1957			2003	49.00	90.00	\$68,667	\$13,464	\$55,203				
Hay Shed	3457	0566	31	100	3,684	\$114,250	1957			2003	49.00	90.00	\$58,268	\$11,425	\$46,843				
Hay Shed	3458	0567	31	100	8,500	\$116,610	1981			2003	49.00	90.00	\$59,471	\$11,661	\$47,810				
Hay Shed	3459	0568	31	100	8,500	\$116,610	1981			2003	49.00	90.00	\$59,471	\$11,661	\$47,810				
Digester Building	3460	0569	31	100	2,990	\$210,776	1983			2003	49.00	90.00	\$107,496	\$21,078	\$86,418				
Settling Tank	3461	0570	31	100	930	\$13,514	1983			2003	49.00	90.00	\$6,892	\$1,351	\$5,541				
Grain Bin	3462	0571	31	100	257	\$4,550	1984			2003	49.00	90.00	\$2,321	\$455	\$1,866				
Grain Bin	3463	0572	31	100	257	\$4,550	1984			2003	49.00	90.00	\$2,321	\$455	\$1,866				
Grain Bin	3464	0573	31	100	257	\$4,550	1984			2003	49.00	90.00	\$2,321	\$455	\$1,866				
Animal Shelter	3465	0574	31	100	913	\$15,008	1985			2003	49.00	90.00	\$7,654	\$1,501	\$6,153				
Animal Shelter	3466	0575	31	100	913	\$15,008	1985			2003	49.00	90.00	\$7,654	\$1,501	\$6,153				
Animal Shelter	3467	0576	31	100	1,408	\$23,152	1985			2003	49.00	90.00	\$11,808	\$2,315	\$9,492				
Pump House	3468	0577	31	100	462	\$13,488	1979			2003	49.00	90.00	\$6,879	\$1,349	\$5,530				
Lrg Anim. Rehab. Unit	3469	0578	41	100	3,900	\$158,961	1986			2003	74.00	94.00	\$41,330	\$9,538	\$31,792				
Animal Shelter	7323	0579	31	100	900	\$9,806	1993			2003	49.00	90.00	\$5,001	\$981	\$4,020				
Electrical Storage Shed	5128	0580	31	100	392	\$12,154	1975			2003	49.00	90.00	\$6,199	\$1,215	\$4,983				

Hazardous Chemical Storage	7961	0581	31	100	257	\$48,003	1999				2003	70.00	90.00	\$14,401	\$4,800	\$9,601			
Old Fort Collins High School	4239	0601	10	100	143,399	\$28,841,562	1926	##	2000	58.75	2006	48.80	94.00	\$14,766,880	\$1,730,494	\$13,036,386		P0013	
Old Fort Collins High School - Annex	4240	0602	16	100	18,025	\$2,720,241	1957	##	2000	74.69	2006	78.50	94.00	\$584,852	\$163,214	\$421,637			
Old Fort Collins High School - Classroom	4241	0603	10	100	1,083	\$60,401	1957	##			2003	74.00	94.00	\$15,704	\$3,624	\$12,080			
Old Fort Collins High School - Storage	4242	0604	30	100	370	\$10,133	1957	##			2003	65.00	90.00	\$3,547	\$1,013	\$2,533			
Old Fort Collins High School - Lawn Shed	4238	0606	31	100	1,874	\$64,558	1997	##			2003	49.00	90.00	\$32,925	\$6,456	\$26,469			
Natural Resource Research Center A	5162	0701	16	0	123,253	\$13,884,241	1999				2003	99.00	94.00	\$138,842	\$833,054	\$0			
Natural Resource Research Center B		0702	16	0	121,012	\$16,393,592	2002				2003	99.00	94.00	\$163,936	\$983,616	\$0			
Univ Village East 1	3470	0801	51	0	10,764	\$733,415	1968				2003	84.00	94.00	\$117,346	\$44,005	\$73,342			
Univ Village East 2	3471	0802	51	0	9,227	\$628,690	1968				2003	84.00	94.00	\$100,590	\$37,721	\$62,869			
Univ Village East 3	3472	0803	51	0	6,401	\$436,138	1968				2003	84.00	94.00	\$69,782	\$26,168	\$43,614			
Univ Village East 4	3473	0804	51	0	6,151	\$419,104	1968				2003	84.00	94.00	\$67,057	\$25,146	\$41,910			
Univ Village East 5	3474	0805	51	0	6,151	\$419,104	1968				2003	84.00	94.00	\$67,057	\$25,146	\$41,910			
Univ Village East 6	3475	0806	51	0	12,302	\$838,208	1968				2003	84.00	94.00	\$134,113	\$50,292	\$83,821			
Univ Village East 7	3476	0807	51	0	6,366	\$433,753	1968				2003	84.00	94.00	\$69,400	\$26,025	\$43,375			
Univ Village East 8	3477	0808	51	0	10,764	\$733,415	1968				2003	84.00	94.00	\$117,346	\$44,005	\$73,342			
Univ Village East 9	3478	0809	51	0	2,262	\$154,123	1968				2003	87.00	94.00	\$20,036	\$9,247	\$10,789			
Univ Village East 10	3479	0810	51	0	6,151	\$419,104	1968				2003	84.00	94.00	\$67,057	\$25,146	\$41,910			
Univ Village East 11	3480	0811	51	0	7,689	\$523,897	1968				2003	84.00	94.00	\$83,824	\$31,434	\$52,390			
Univ Village East 12	3481	0812	51	0	9,441	\$643,271	1968				2003	84.00	94.00	\$102,923	\$38,596	\$64,327			
Univ Village East 13	3482	0813	51	0	9,227	\$628,690	1968				2003	84.00	94.00	\$100,590	\$37,721	\$62,869			
Univ Village East 14	3483	0814	51	0	6,366	\$433,753	1968				2003	84.00	94.00	\$69,400	\$26,025	\$43,375			
Univ Village East 15	3484	0815	51	0	9,227	\$628,690	1968				2003	84.00	94.00	\$100,590	\$37,721	\$62,869			
Univ Village West 16	3485	0816	51	0	6,572	\$447,789	1974				2003	95.00	94.00	\$22,389	\$26,867	\$0			
Univ Village West 17	3486	0817	51	0	6,543	\$445,813	1974				2003	95.00	94.00	\$22,291	\$26,749	\$0			
Univ Village West 18	3487	0818	51	0	8,171	\$556,738	1974				2003	95.00	94.00	\$27,837	\$33,404	\$0			
Univ Village West 19	3488	0819	51	0	11,896	\$810,545	1974				2003	95.00	94.00	\$40,527	\$48,633	\$0			
Univ Village West 20	3489	0820	51	0	11,891	\$810,545	1974				2003	95.00	94.00	\$40,527	\$48,633	\$0			
Univ Village West 21	3490	0821	51	0	6,553	\$446,495	1974				2003	95.00	94.00	\$22,325	\$26,790	\$0			
Univ Village West 22	3491	0822	51	0	4,915	\$334,888	1974				2003	95.00	94.00	\$16,744	\$20,093	\$0			
Univ Village West 23	3492	0823	51	0	8,179	\$557,284	1974				2003	95.00	94.00	\$27,864	\$33,437	\$0			
Univ Village West 24	3493	0824	51	0	9,825	\$669,435	1974				2003	95.00	94.00	\$33,472	\$40,166	\$0			
Univ Village West 25	3494	0825	51	0	9,836	\$670,185	1974				2003	95.00	94.00	\$33,509	\$40,211	\$0			
Univ Village West 26	3495	0826	51	0	11,887	\$809,931	1974				2003	95.00	94.00	\$40,497	\$48,596	\$0			
Univ Village West 27	3496	0827	51	0	11,468	\$781,383	1974				2003	95.00	94.00	\$39,069	\$46,883	\$0			
Univ Village West 28	3497	0828	51	0	11,459	\$780,769	1974				2003	95.00	94.00	\$39,038	\$46,846	\$0			
Univ Village West 29	3498	0829	51	0	8,616	\$587,059	1974				2003	95.00	94.00	\$29,353	\$35,224	\$0			
Univ Village West 30	3499	0830	51	0	8,195	\$558,374	1974				2003	95.00	94.00	\$27,919	\$33,502	\$0			
Univ Village West 31	3500	0831	51	0	8,631	\$588,081	1974				2003	95.00	94.00	\$29,404	\$35,285	\$0			
Univ Village West 32	3501	0832	51	0	9,852	\$671,275	1974				2003	95.00	94.00	\$33,564	\$40,277	\$0			
Univ Village West 33	3502	0833	51	0	11,444	\$779,747	1974				2003	95.00	94.00	\$38,987	\$46,785	\$0			
International House	7335	0835	51	0	98,038	\$7,585,220	1994				2003	95.00	94.00	\$379,261	\$455,113	\$0			
Univ Village West 34	3503	0839	51	0	8,641	\$936,872	1974				2003	91.00	94.00	\$84,318	\$56,212	\$28,106			
Housing Services Center	3504	0840	30	0	14,675	\$1,136,475	1974				2003	97.00	94.00	\$34,094	\$68,189	\$0			
Housing Warehouse	7936	0845	30	0	40,600	\$2,141,890	1997				2003	94.00	90.00	\$128,513	\$214,189	\$0			
University Village North/West 1	7336	0851	51	0	8,259	\$695,314	1994				2003	94.00	94.00	\$41,719	\$41,719	\$0			
University Village North/West 2	7337	0852	51	0	8,259	\$695,314	1994				2003	94.00	94.00	\$41,719	\$41,719	\$0			
University Village North/West 3	7338	0853	51	0	8,259	\$695,314	1994				2003	94.00	94.00	\$41,719	\$41,719	\$0			
University Village North/West 4	7339	0854	51	0	8,259	\$695,314	1994				2003	94.00	94.00	\$41,719	\$41,719	\$0			
University Village North/West 5	7328	0855	51	0	8,259	\$695,314	1994				2003	94.00	94.00	\$41,719	\$41,719	\$0			

University Village North/West 6	7329	0856	51	0	8,259	\$695,314	1994			2003	94.00	94.00	\$41,719	\$41,719	\$0			
University Village North/West 7	7340	0857	51	0	8,259	\$695,314	1994			2003	94.00	94.00	\$41,719	\$41,719	\$0			
University Village North/West 8	7937	0858	51	0	8,259	\$695,314	1994			2003	94.00	94.00	\$41,719	\$41,719	\$0			
Visitors Center	7220	0930	29	100	5,688	\$596,288	1991			2003	74.00	94.00	\$155,035	\$35,777	\$119,258			
University Square # 1311	7221	0931	16	100	16,575	\$1,642,375	1993			2006	69.90	94.00	\$494,355	\$98,543	\$395,812			
Helmshire Hall		0935	50	0	22,531	\$3,103,602	2002			2003	74.00	94.00	\$806,937	\$186,216	\$620,720			
Meat Packing Plant	7484	0955	11	100	5,139	\$446,074	1993			2003	64.40	94.00	\$158,802	\$26,764	\$132,038			
Runway Light Control	3511	1001	29	100	148	\$4,590	1941			2003	49.00	90.00	\$2,341	\$459	\$1,882			
West Hangar	3512	1002	30	100	4,870	\$301,219	1941	2000	83.70	2003	82.40	90.00	\$53,015	\$30,122	\$22,893			
Ram Flying Club	3513	1003	29	100	293	\$27,229	1941			2003	49.00	90.00	\$13,887	\$2,723	\$11,164			
Shop Hangar	3514	1004	29	100	6,022	\$559,629	1941			2003	49.00	94.00	\$285,411	\$33,578	\$251,833			
Engr. Renewal+Growth	3516	1005	11	100	1,551	\$120,109	1941			2003	64.00	94.00	\$43,239	\$7,207	\$36,033			
Facilities Maint.	3517	1006	30	100	6,004	\$557,956	1940			2003	64.00	94.00	\$200,864	\$33,477	\$167,387			
Almos. Simulation	3518	1007	11	100	10,260	\$2,224,656	1968	2000	87.26	2006	85.60	94.00	\$320,350	\$133,479	\$186,871			
Storage	3519	1008	31	100	2,045	\$102,879	1981			2003	49.00	90.00	\$52,468	\$10,288	\$42,180			
Storage	3520	1009	31	100	407	\$3,115	1981			2003	49.00	90.00	\$1,589	\$312	\$1,277			
ENSR		1011	12	0	20,079	\$2,686,181	1994			2003	85.00	94.00	\$402,927	\$161,171	\$241,756			
Storage	3521	1013	31	100	176	\$1,294	1984			2003	49.00	90.00	\$660	\$129	\$531			
A.E.R.C. Annex	3522	1014	16	100	5,041	\$303,490	1980	2000	53.02	2006	36.40	94.00	\$193,020	\$18,209	\$174,810			
Ag Engr. Rsch. Ctr.	3523	1015	11	100	15,174	\$1,416,158	1939	2000	86.78	2006	81.80	94.00	\$257,741	\$84,969	\$172,771			
Project Lab	3524	1016	11	100	1,471	\$38,433	1977			2003	59.00	94.00	\$15,758	\$2,306	\$13,452			
Storage	3525	1017	31	100	4,766	\$229,054	1980			2003	49.00	90.00	\$116,818	\$22,905	\$93,912			
Explosives Storage	3527	1040	31	100	58	\$7,636	1975			2003	49.00	90.00	\$3,894	\$764	\$3,131			
Explosives Storage	3528	1041	31	100	37	\$4,871	1975			2003	49.00	90.00	\$2,484	\$487	\$1,997			
Explosives Storage	3529	1042	31	100	58	\$7,636	1975			2003	49.00	90.00	\$3,894	\$764	\$3,131			
Pump House	3530	1051	31	100	249	\$77,138	1961			2006	41.70	90.00	\$44,971	\$7,714	\$37,258			
Headquarters	3531	1052	16	100	8,560	\$1,060,693	1958			2006	95.60	94.00	\$46,670	\$63,642	(\$16,971)			
Shop	3532	1053	30	100	6,916	\$642,709	1961			2006	75.60	94.00	\$156,821	\$38,563	\$118,258			
Storage	3533	1054	31	100	5,201	\$322,354	1965			2006	76.00	90.00	\$77,365	\$32,235	\$45,130			
Supplies Storage	3534	1055	31	100	208	\$19,330	1974			2006	76.20	90.00	\$4,601	\$1,933	\$2,668			
Fire Trucks	3535	1056	30	100	5,357	\$141,091	1974			2006	42.90	90.00	\$80,563	\$14,109	\$66,454			
Paint Shop	3537	1057	30	100	2,417	\$74,957	1975			2006	54.40	94.00	\$34,180	\$4,497	\$29,683			
Storage	3538	1058	31	100	2,268	\$62,437	1975			2006	40.50	90.00	\$37,150	\$6,244	\$30,906			
Storage	3539	1059	31	100	2,894	\$89,750	1975			2006	73.40	90.00	\$23,874	\$8,975	\$0			
Nursery	3540	1060	31	100	28,983	\$3,142,340	1964			2006	66.60	94.00	\$1,049,542	\$188,540	\$861,001			
Storage	3544	1061	31	100	1,031	\$31,974	1969			2003	49.00	90.00	\$16,307	\$3,197	\$13,109			
Storage	3545	1062	31	100	5,419	\$41,176	1984			2006	16.70	90.00	\$34,300	\$4,118	\$30,182			
Larimer Fire Cache	3547	1064	31	100	2,050	\$99,654	1980			2006	43.10	90.00	\$56,703	\$9,965	\$46,738			
Machine Shed	3548	1065	31	100	3,340	\$72,354	1958			2006	62.50	90.00	\$27,133	\$7,235	\$19,897			
Modular Office	3550	1066	16	100	646	\$30,556	1974			2003	81.33	94.00	\$5,705	\$1,833	\$3,871			
Trailer Office	3551	1067	16	100	222	\$11,662	1974			2003	59.00	94.00	\$4,781	\$700	\$4,082			
Garage	3552	1068	31	100	1,185	\$29,904	1977			2006	58.20	94.00	\$12,500	\$1,794	\$10,706			
Chip Storage	3553	1069	31	100	823	\$6,299	1982			2006	21.50	90.00	\$4,945	\$630	\$4,315			
Sawmill	3554	1070	31	100	2,242	\$30,655	1987			2003	49.00	94.00	\$15,634	\$1,839	\$13,795			
Nursery Storage	5005	1071	31	100	2,472	\$75,039	1979			2003	49.00	94.00	\$38,270	\$4,502	\$33,768			
Storage	3555	1083	31	100	1,037	\$22,464	1915			2003	34.00	90.00	\$14,826	\$2,246	\$12,580			
Engr. Res. Center	3557	1101	12	100	149,915	\$23,221,923	1962	1999	72.62	2008	64.20	94.00	\$8,313,448	\$1,393,315	\$6,920,133			M00034
Workshop	3559	1102	30	100	3,216	\$161,789	1980			2003	64.00	94.00	\$58,244	\$9,707	\$48,537			
Aquatic Greenhouse	7324	1104	11	100	318	\$41,552	1993			2003	64.00	94.00	\$14,959	\$2,493	\$12,466			
West Office	3560	1105	16	100	11,317	\$894,192	1964			2003	69.00	94.00	\$277,200	\$53,652	\$223,548			

Workshop	3563	1106	30	100		3,369	\$125,223	1963				2003	69.00	94.00	\$38,819	\$7,513	\$31,306					
Quonset	3564	1107	31	100		988	\$30,640	1940				2003	49.00	94.00	\$15,626	\$1,838	\$13,788					
Quonset	3565	1108	31	100		1,003	\$31,106	1940				2003	49.00	94.00	\$15,864	\$1,866	\$13,998					
Rainfall Facility	3566	1110	11	100		2,914	\$90,370	1972				2003	49.00	94.00	\$46,089	\$5,422	\$40,667					
Hydro-Machinery Lab	3567	1111	12	100		16,826	\$2,084,955	1966	1999	73.55	2008	58.20	94.00	\$871,511	\$125,097	\$746,414						
Turbine Pumphouse	7176	1114	11	100		559	\$41,454	1974				2003	49.00	90.00	\$21,142	\$4,145	\$16,996					
Storage	3569	1115	31	100		264	\$3,001	1985				2003	49.00	90.00	\$1,531	\$300	\$1,230					
Pump House	3570	1116	31	100		300	\$12,324	1967				2003	49.00	90.00	\$6,285	\$1,232	\$5,053					
Erc Publication Trlr	3571	1117	16	100		720	\$13,859	1982				2003	49.00	94.00	\$7,068	\$832	\$6,237					
Coop Institute for Research in the Atmos	3573	1119	11	100		12,743	\$1,760,847	1981	1999	88.98	2008	79.70	94.00	\$357,452	\$105,651	\$251,801						M00034
Atmospheric Science	3575	1120	11	100		37,079	\$4,594,411	1967	2001	72.29	2007	70.50	94.00	\$1,355,351	\$275,665	\$1,079,687		P0114				M90023
Atmos. Science Annex	3576	1121	11	100		4,984	\$540,174	1967	2001	86.47	2007	79.70	94.00	\$109,655	\$32,410	\$77,245						
Solar Energy House 1	3577	1122	12	100		4,558	\$706,037	1974	1999	76.75	2005	68.10	94.00	\$225,226	\$42,362	\$182,864						M00034
Solar Energy House 2	3579	1123	12	100		3,626	\$561,670	1975	1999	73.36	2005	70.10	94.00	\$167,939	\$33,700	\$134,239						M00034
Solar Energy House 3	3580	1124	12	100		3,630	\$562,289	1975	1999	69.63	2008	60.20	94.00	\$223,791	\$33,737	\$190,054						M00034
ATS/CIRA Research Center		1125	11	100		14,260	\$2,216,040	2002				2003	95.00	94.00	\$110,802	\$132,962	\$0					
Solar Greenhouse	3581	1126	11	100		1,393	\$175,763	1977	1999	82.35	2005	64.80	90.00	\$61,869	\$17,576	\$44,292						
Research Building	3582	1127	11	100		882	\$38,321	1978				2003	59.00	94.00	\$15,712	\$2,299	\$13,412					
Storage Shed	3584	1129	31	100		164	\$5,342	1978				2003	49.00	90.00	\$2,724	\$534	\$2,190					
Storage Shed	3585	1130	31	100		164	\$5,342	1978				2003	49.00	90.00	\$2,724	\$534	\$2,190					
R.E.P.E.A.T. Facility	3586	1132	16	100		2,963	\$238,363	1981	1999	80.94	2008	69.60	94.00	\$72,462	\$14,302	\$58,161						
River Model Facility	3589	1135	11	100		5,212	\$119,516	1978				2003	59.00	94.00	\$49,002	\$7,171	\$41,831					
Engineer. Res. Valvehs	3591	1137	11	100		168	\$3,131	1974				2003	49.00	90.00	\$1,597	\$313	\$1,284					
Engineer. Res. Valvehs	3592	1138	11	100		217	\$2,652	1974				2003	49.00	90.00	\$1,353	\$265	\$1,087					
Engineer. Res. Valvehs	3593	1139	11	100		242	\$2,958	1967				2003	49.00	90.00	\$1,509	\$296	\$1,213					
Trailer	3594	1140	11	100		164	\$3,137	1985				2003	49.00	94.00	\$1,600	\$188	\$1,412					
West Valve House	7177	1141	11	100		194	\$17,138	1991				2003	49.00	90.00	\$8,740	\$1,714	\$7,027					
East Valve House	7168	1142	11	100		280	\$24,735	1991				2003	49.00	90.00	\$12,615	\$2,474	\$10,141					
KCSU Transmitter	3595	1171	60	0		49	\$8,227	1966				2003	74.00	90.00	\$2,139	\$823	\$1,316					
KCSU Transmitter	3596	1172	60	0		145	\$15,161	1984				2003	74.00	90.00	\$3,942	\$1,516	\$2,426					
Cattle Barn	3597	1173	31	100		3,135	\$67,896	1928				2003	59.00	90.00	\$27,837	\$6,790	\$21,048					
Livestock Shed	3598	1174	31	100		672	\$20,286	1980				2003	49.00	90.00	\$10,346	\$2,029	\$8,317					
Pump House	3600	1175	31	100		100	\$4,024	1980				2003	49.00	90.00	\$2,052	\$402	\$1,650					
C.D.C. -Center for Disease Control	3602	1301	11	0		41,565	\$12,876,392	1967	2003	71.80	2003	71.80	94.00	\$3,631,143	\$772,584	\$2,858,559						
CDC Modular	5165	1302	11	0		4,427	\$111,726	1967				2003	74.00	94.00	\$29,049	\$6,704	\$22,345					
CDC Modular	5166	1303	11	0		5,312	\$1,311,566	1967				2003	74.00	94.00	\$341,007	\$78,694	\$262,313					
Blockhouse	3605	1305	31	100		1,080	\$167,283	1964				2003	49.00	94.00	\$85,314	\$10,037	\$75,277					
Rad. Genetics Bldg.	3606	1309	30	100		510	\$23,701	1963				2003	59.00	94.00	\$9,717	\$1,422	\$8,295					
C.D.C. Storage	3608	1312	31	0		685	\$19,213	1967				2003	74.00	90.00	\$4,995	\$1,921	\$3,074					
C.D.C. Storage	3609	1313	31	0		256	\$7,180	1967				2003	74.00	90.00	\$1,867	\$718	\$1,149					
C.D.C. Storage/Lab	3610	1314	31	0		729	\$20,448	1967				2003	74.00	94.00	\$5,316	\$1,227	\$4,090					
C.D.C. Storage	3611	1315	31	0		1,380	\$38,707	1967				2003	74.00	90.00	\$10,064	\$3,871	\$6,193					
C.D.C. Storage	3612	1316	31	0		180	\$3,088	1967				2003	74.00	90.00	\$803	\$309	\$494					
C.D.C. Laboratory	3613	1317	11	0		3,861	\$53,361	1967				2003	74.00	94.00	\$13,874	\$3,202	\$10,672					
B.W. Pickett Equine Center	3614	1330	31	100		95,154	\$5,837,247	1994	2000	80.51	2006	71.40	94.00	\$1,669,453	\$350,235	\$1,319,218						
Horse Shelter	3615	1331	31	100		1,320	\$23,049	1986				2003	59.00	90.00	\$9,450	\$2,305	\$7,145					
Horse Shelter	3616	1332	31	100		1,320	\$23,049	1986				2003	59.00	90.00	\$9,450	\$2,305	\$7,145					
Horse Shelter	3617	1333	31	100		1,320	\$23,049	1986				2003	59.00	90.00	\$9,450	\$2,305	\$7,145					
Horse Shelter	3618	1334	31	100		1,320	\$23,049	1986				2003	59.00	90.00	\$9,450	\$2,305	\$7,145					
Horse Shelter	3619	1335	31	100		1,320	\$23,049	1986				2003	59.00	90.00	\$9,450	\$2,305	\$7,145					

Adams Atkinson Arena	7330	1336	31	100	38,446	\$1,504,761	1984			2003	64.00	94.00	\$541,714	\$90,286	\$451,428				
Foothills Fisheries Facility		1353	11	100	4,649	\$735,265	2002			2003	100.00	94.00	\$0	\$44,116	\$0				
Fisheries Maint.	3620	1354	31	100	3,829	\$223,396	1976			2003	54.00	90.00	\$102,762	\$22,340	\$80,423				
Sheep Shed	3621	1355	31	100	2,652	\$73,015	1976			2003	49.00	90.00	\$37,238	\$7,302	\$29,936				
Sheep Shed	3622	1356	31	100	3,418	\$74,044	1953			2003	49.00	90.00	\$37,762	\$7,404	\$30,358				
Hay Storage	3623	1357	31	100	9,496	\$205,711	1954			2003	49.00	90.00	\$104,913	\$20,571	\$84,342				
Irrigation Filter	3624	1359	30	100	242	\$4,533	1984			2003	59.00	90.00	\$1,859	\$453	\$1,405				
Photo Barn	3625	1361	31	100	2,886	\$62,519	1968			2003	59.00	90.00	\$25,633	\$6,252	\$19,381				
Grain Storage	3626	1362	31	100	1,833	\$56,846	1964			2003	49.00	90.00	\$28,991	\$5,685	\$23,307				
Animal Shed	3629	1365	31	100	576	\$12,478	1974			2003	49.00	90.00	\$6,364	\$1,248	\$5,116				
Office	5013	1366	16	100	590	\$37,738	1950			2003	64.00	94.00	\$13,586	\$2,264	\$11,321				
Horse Barn	3631	1377	31	100	1,708	\$52,969	1958			2003	49.00	90.00	\$27,014	\$5,297	\$21,717				
Isolation Shed	3632	1380	31	100	2,367	\$59,738	1977			2003	59.00	90.00	\$24,493	\$5,974	\$18,519				
Mare Barn	3635	1385	31	100	5,167	\$160,242	1973			2003	59.00	90.00	\$65,699	\$16,024	\$49,675				
Foaling Barn	3636	1386	31	100	586	\$15,403	1961			2003	59.00	90.00	\$6,315	\$1,540	\$4,775				
Storage Building	3638	1388	31	100	402	\$7,381	1961			2003	49.00	90.00	\$3,764	\$738	\$3,026				
Stallion Laboratory	3639	1389	31	100	4,649	\$696,078	1979	2001	86.98	2007	81.00	94.00	\$132,255	\$41,765	\$90,490				
Stallion Pens	3643	1391	31	100	1,534	\$47,573	1968			2003	49.00	90.00	\$24,262	\$4,757	\$19,505				
Stallion Pens	3644	1392	31	100	848	\$26,299	1968			2003	49.00	90.00	\$13,412	\$2,630	\$10,783				
Stallion Barn		1393	11	100	3,612	\$300,226	2002			2003	100.00	94.00	\$0	\$18,014	\$0				
Stallion Barn	3645	1394	31	100	5,167	\$160,242	1974			2003	49.00	90.00	\$81,723	\$16,024	\$65,699				
Stallion Pen	3646	1395	31	100	2,672	\$91,315	1977			2003	49.00	90.00	\$46,571	\$9,132	\$37,439				
Swine Confinement	5131	1396	31	100	2,458	\$178,593	1977	2001	83.01	2007	82.60	94.00	\$31,075	\$10,716	\$20,360				
Shaving Shed	3649	1397	31	100	546	\$23,723	1979			2003	49.00	90.00	\$12,099	\$2,372	\$9,726				
Semen Collect. Shed	3650	1398	31	100	2,528	\$78,400	1975			2003	59.00	90.00	\$32,144	\$7,840	\$24,304				
Mare Barn	5167	1399	31	100	13,000	\$285,295	1999			2003	49.00	90.00	\$145,500	\$28,530	\$116,971				
Radiation Waste	3651	1400	31	100	2,560	\$55,457	1960			2003	49.00	90.00	\$28,283	\$5,546	\$22,737				
Animal Disease Lab	3652	1401	41	100	8,775	\$1,087,334	1960			2004	58.90	94.00	\$446,894	\$65,240	\$381,654				
Animal Reproduction & Biotechnology Lab	3653	1402	11	100	41,288	\$7,281,634	1964	1999	91.80	2008	81.40	94.00	\$1,354,384	\$436,898	\$917,486				
Shed	3656	1405	31	100	391	\$8,470	1968			2003	49.00	90.00	\$4,320	\$847	\$3,473				
Shed	3657	1406	31	100	391	\$8,470	1968			2003	49.00	90.00	\$4,320	\$847	\$3,473				
Utility Building	8013	1407	31	100	930	\$171,504	1995			2003	94.00	90.00	\$10,290	\$17,150	\$0				
Shed	3658	1408	31	100	630	\$13,648	1968			2003	49.00	90.00	\$6,960	\$1,365	\$5,596				
Shed	3659	1409	31	100	630	\$13,648	1968			2003	49.00	90.00	\$6,960	\$1,365	\$5,596				
Shed	3660	1410	31	100	630	\$13,648	1968			2003	49.00	90.00	\$6,960	\$1,365	\$5,596				
Animal Holding Facility	3654	1411	31	100	2,368	\$157,492	1997			2003	49.00	94.00	\$80,321	\$9,450	\$70,871				
Sewage Chlorination	3661	1412	30	100	66	\$1,430	1960			2003	49.00	90.00	\$729	\$143	\$586				
Monkey House	3662	1413	11	100	369	\$40,008	1964			2003	64.00	94.00	\$14,403	\$2,400	\$12,002				
Office-Residence Anx	3663	1414	16	100	1,749	\$135,442	1966			2003	59.00	94.00	\$55,531	\$8,127	\$47,405				
Animal Quarters	3664	1415	31	100	2,167	\$234,950	1964			2003	59.00	94.00	\$96,330	\$14,097	\$82,233				M00034
Surgical Annex	3665	1416	11	100	3,564	\$386,415	1975			2003	79.00	94.00	\$81,147	\$23,185	\$57,962				
Cattle Processing	3666	1417	31	100	288	\$5,434	1981			2003	59.00	90.00	\$2,228	\$543	\$1,685				
Food Preparation	3667	1420	41	100	2,200	\$102,241	1968	1999	85.12	2008	75.90	94.00	\$24,640	\$6,134	\$18,506				
Arthropod-Borne & Infectious Disease Lab	3668	1421	11	100	14,329	\$1,783,425	1964	2001	72.56	2007	65.30	94.00	\$618,848	\$107,006	\$511,843				
Center for Envir Toxicology & Technology	3669	1422	11	100	14,676	\$1,884,527	1966	2001	66.41	2007	77.40	94.00	\$425,903	\$113,072	\$312,831				
Irradiation Site	3670	1423	11	100	2,627	\$325,523	1967			2003	59.00	94.00	\$133,464	\$19,531	\$113,933				
Bio-environmental Hazards Research	8822	1424	11	100	18,657	\$12,017,599	2000			2003	97.00	94.00	\$360,528	\$721,056	\$0				
Motor Performance	3671	1425	31	100	800	\$61,952	1968			2003	49.00	94.00	\$31,596	\$3,717	\$27,878				
Maintenance Garage	3672	1427	31	100	1,017	\$27,283	1981			2003	49.00	94.00	\$13,914	\$1,637	\$12,277				
Dog Holding Facility	5001	1430	11	100	2,380	\$292,515	1988			2003	79.00	94.00	\$61,428	\$17,551	\$43,877				

Hay Shed	7938	1450	31	100	12,000	\$106,108	1998			2003	49.00	90.00	\$54,115	\$10,611	\$43,504			
Shelter	3673	1451	31	100	432	\$5,630	1985			2003	49.00	90.00	\$2,871	\$563	\$2,308			
Shelter	3674	1452	31	100	432	\$5,630	1985			2003	49.00	90.00	\$2,871	\$563	\$2,308			
Shelter	3675	1453	31	100	617	\$7,022	1955			2003	49.00	90.00	\$3,581	\$702	\$2,879			
Shelter	3676	1454	31	100	617	\$7,022	1955			2003	49.00	90.00	\$3,581	\$702	\$2,879			
Shelter	3677	1455	31	100	432	\$5,630	1985			2003	49.00	90.00	\$2,871	\$563	\$2,308			
Shelter	7166	1456	31	100	924	\$11,700	1970			2003	49.00	90.00	\$5,967	\$1,170	\$4,797			
Shelter	3678	1457	31	100	509	\$5,793	1955			2003	49.00	90.00	\$2,954	\$579	\$2,375			
CSFS Pumphouse	3679	1458	31	100	64	\$2,637	1975			2003	49.00	90.00	\$1,345	\$264	\$1,081			
Shelter	7167	1459	31	100	924	\$11,700	1970			2003	49.00	90.00	\$5,967	\$1,170	\$4,797			
Sheep Facility	3680	1460	31	100	7,500	\$160,664	1985			2003	49.00	94.00	\$81,939	\$9,640	\$72,299			
Coil Lake Pump Stat	7170	1461	30	100	414	\$64,488	1955			2003	59.00	90.00	\$26,440	\$6,449	\$19,991			
Hughes Stadium	3682	1901	15	100	40,867	\$55,455,671	1968	2000	73.24	2006	88.10	94.00	\$6,599,225	\$3,327,340	\$3,271,885			
Office	3686	2010	16	100	1,228	\$76,116	1959			2003	49.00	94.00	\$38,819	\$4,567	\$34,252			
Foundation Seed Proc	3687	2011	31	100	2,482	\$153,844	1959			2003	49.00	94.00	\$78,460	\$9,231	\$69,230			
Drying Shed	3688	2012	31	100	7,530	\$466,738	1961			2003	49.00	90.00	\$238,036	\$46,674	\$191,363			
Machine Shed	3689	2013	31	100	7,459	\$463,435	1963			2003	49.00	90.00	\$236,352	\$46,344	\$190,008			
Processing	3690	2014	31	100	4,000	\$247,935	1961			2003	49.00	94.00	\$126,447	\$14,876	\$111,571			
Raptor Cage	8003	2420	31	100	2,807	\$6,876	1991			2003	49.00	90.00	\$3,507	\$688	\$2,819			
Picnic Shelter	8004	2421	31	100	422	\$2,753	1978			2003	59.00	90.00	\$1,129	\$275	\$853			
Restroom	3741	2422	31	100	57	\$2,296	1973			2003	69.00	94.00	\$712	\$138	\$574			
Cattle Barn	8005	2423	31	100	1,742	\$95,895	1988			2003	34.00	90.00	\$63,291	\$9,590	\$53,701			
Storage	3743	2424	31	100	86	\$2,237	1973			2003	49.00	90.00	\$1,141	\$224	\$917			
Residence-Environmental Learning Cente	3744	2425	52	100	942	\$75,193	1992			2004	53.40	94.00	\$35,040	\$4,512	\$30,528			
Shop Storage	7342	2426	31	100	2,304	\$41,215	1988			2003	49.00	90.00	\$21,020	\$4,122	\$16,898			
Original Barn	8006	2427	31	100	609	\$33,525	1988			2003	34.00	90.00	\$22,127	\$3,353	\$18,774			
Boxcar	8007	2428	31	100	596	\$14,575	1988			2003	34.00	90.00	\$9,620	\$1,458	\$8,162			
Outhouse	8008	2429	31	100	20	\$1,376	1988			2003	34.00	90.00	\$908	\$138	\$771			
Coal Shed	8009	2430	31	100	77	\$688	1988			2003	34.00	90.00	\$454	\$69	\$385			
Run-In-Barn	8011	2432	31	100	567	\$11,065	1988			2003	34.00	90.00	\$7,303	\$1,107	\$6,196			
Cattle Chute	8012	2433	31	100	341	\$2,755	1988			2003	34.00	90.00	\$1,818	\$276	\$1,543			
Storage Shed	8013	2434	31	100	161	\$3,441	2000			2003	34.00	90.00	\$2,271	\$344	\$1,927			
Coors Pavilion	5468	2501	16	100	9,353	\$1,185,941	2000			2003	99.00	94.00	\$11,859	\$71,156	\$0			
Faculty Cabin No. 1	3745	3001	52	0	957	\$88,935	1939			2003	77.00	94.00	\$20,455	\$5,336	\$15,119			
Faculty Cabin #2	3746	3002	52	0	957	\$88,935	1958			2003	93.00	94.00	\$6,225	\$5,336	\$889			
Faculty Cabin #3	3747	3003	52	0	957	\$88,935	1939			2003	80.00	94.00	\$17,787	\$5,336	\$12,451			
Faculty Cabin #4	3748	3004	52	0	749	\$69,605	1948			2003	96.00	94.00	\$2,784	\$4,176	\$0			
Faculty Cabin #5	3749	3005	52	0	957	\$88,935	1939			2003	90.00	94.00	\$8,894	\$5,336	\$3,557			
Faculty Cabin #6	3750	3006	52	0	637	\$29,603	1972			2003	89.00	94.00	\$3,256	\$1,776	\$1,480			
Staff Duplex Cabin - A & B	5146	3007	52	0	1,522	\$335,486	1996			2003	100.00	94.00	\$0	\$20,129	\$0			
Faculty Cabin #8	5147	3008	52	0	768	\$126,247	1996			2003	100.00	94.00	\$0	\$7,575	\$0			
Faculty Cabin #9	5148	3009	52	0	768	\$126,247	1996			2003	100.00	94.00	\$0	\$7,575	\$0			
Faculty Washhouse	3756	3010	31	0	427	\$52,909	1951			2003	80.00	94.00	\$10,582	\$3,175	\$7,407			
Storage Building	3757	3018	31	0	306	\$8,424	1972			2003	100.00	90.00	\$0	\$842	\$0			
Storage Building	3758	3019	31	0	175	\$4,818	1972			2003	100.00	90.00	\$0	\$482	\$0			
Cabin	3759	3020	52	0	410	\$28,199	1972			2003	100.00	94.00	\$0	\$1,692	\$0			
Cabin	3760	3021	52	0	443	\$30,468	1972			2003	100.00	94.00	\$0	\$1,828	\$0			
Cabin	3761	3022	52	100	460	\$31,638	1972			2003	49.00	94.00	\$16,135	\$1,898	\$14,237			
Koenig Homestead	3762	3023	52	0	1,548	\$106,468	1972			2003	100.00	94.00	\$0	\$6,388	\$0			
Storage Building	3763	3024	31	0	255	\$7,020	1972			2003	100.00	90.00	\$0	\$702	\$0			

Cabin	3764	3025	52	0	407	\$27,992	1972			2003	100.00	94.00	\$0	\$1,680	\$0			
South Classroom	3765	3026	10	100	1,508	\$186,860	1963			2003	74.00	94.00	\$48,584	\$11,212	\$37,372			
South Dormitory	3766	3027	50	0	4,382	\$407,222	1961			2003	68.00	94.00	\$130,311	\$24,433	\$105,878			
The Cave	3769	3028	40	0	146	\$6,785	1923			2003	68.00	94.00	\$2,171	\$407	\$1,764			
Custodial Storage	3770	3029	30	0	343	\$26,562	1961			2003	94.00	90.00	\$1,594	\$2,656	\$0			
North Classroom	3771	3030	10	100	2,545	\$315,358	1923			2003	74.00	94.00	\$81,993	\$18,921	\$63,072			
Dining Hall	3772	3031	60	0	5,297	\$658,712	1961			2003	99.00	94.00	\$6,587	\$39,523	\$0			
Nurses Cabin	3773	3032	52	0	341	\$15,847	1939			2003	85.00	94.00	\$2,377	\$951	\$1,426			
Ticonderoga Cabin	3774	3033	52	0	344	\$15,987	1961			2003	93.00	94.00	\$1,119	\$959	\$160			
Grounds Shop	3775	3034	30	0	347	\$21,507	1950			2003	100.00	94.00	\$0	\$1,290	\$0			
Recreation Hall	3776	3035	40	0	2,055	\$159,139	1949			2003	92.00	94.00	\$12,731	\$9,548	\$3,183			
Outhouse	3777	3036	31	0	50	\$24,092	1999			2003	100.00	90.00	\$0	\$2,409	\$0			
Pump House	3778	3038	31	0	66	\$2,047	1974			2003	100.00	90.00	\$0	\$205	\$0			
Student Cabin	3779	3045	52	0	340	\$15,801	1956			2003	93.00	94.00	\$1,106	\$948	\$158			
Student Cabin	3780	3046	52	0	340	\$15,801	1956			2003	93.00	94.00	\$1,106	\$948	\$158			
Student Cabin	3781	3047	52	0	340	\$15,801	1956			2003	93.00	94.00	\$1,106	\$948	\$158			
Student Cabin	3782	3048	52	0	340	\$15,801	1956			2003	93.00	94.00	\$1,106	\$948	\$158			
Student Cabin	3783	3049	52	0	340	\$15,801	1957			2003	93.00	94.00	\$1,106	\$948	\$158			
Student Cabin	3784	3050	52	0	353	\$15,801	1957			2003	94.00	94.00	\$948	\$948	\$0			
Student Cabin	3785	3051	52	0	353	\$15,801	1958			2003	92.00	94.00	\$1,264	\$948	\$316			
Student Cabin	3786	3052	52	0	353	\$15,801	1958			2003	92.00	94.00	\$1,264	\$948	\$316			
North Dormitory	5149	3053	50	0	5,282	\$548,324	1996			2003	100.00	94.00	\$0	\$32,899	\$0			
Outhouse	5150	3054	31	0	80	\$4,910	1996			2003	74.00	90.00	\$1,277	\$491	\$786			
Staff Cabin	5151	3055	52	0	2,792	\$349,685	1996			2003	100.00	94.00	\$0	\$20,981	\$0			
Pingree Park Multipurpose Classroom	8823	3056	10	0	3,910	\$363,357	2000			2003	97.00	94.00	\$10,901	\$21,801	\$0			
Student Washhouse	3789	3060	60	0	1,406	\$65,331	1950			2003	100.00	94.00	\$0	\$3,920	\$0			
Student Cabin	3790	3061	52	0	356	\$16,542	1938			2003	70.00	94.00	\$4,963	\$993	\$3,970			
Student Cabin	3791	3062	52	0	356	\$16,542	1960			2003	70.00	94.00	\$4,963	\$993	\$3,970			
Student Cabin	3792	3063	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3793	3064	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3794	3065	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3795	3066	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3796	3067	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3797	3068	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3798	3069	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3799	3070	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3800	3071	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3801	3072	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3802	3073	52	0	347	\$16,124	1949			2003	60.00	94.00	\$6,450	\$967	\$5,482			
Student Cabin	3803	3074	52	0	347	\$16,124	1949			2003	69.00	94.00	\$4,998	\$967	\$4,031			
Student Cabin	3804	3075	52	0	347	\$16,124	1955			2003	60.00	94.00	\$6,450	\$967	\$5,482			
Student Cabin	3805	3076	52	0	326	\$15,148	1955			2003	57.00	94.00	\$6,514	\$909	\$5,605			
Winter Research Lab	3806	3077	11	100	2,733	\$380,990	1967			2003	74.00	94.00	\$99,057	\$22,859	\$76,198			
Hotchkiss Lodge	3807	3080	50	0	4,681	\$386,523	1975			2003	99.00	94.00	\$3,865	\$23,191	\$0			
Columbine	3808	3081	50	0	1,536	\$99,917	1975			2003	100.00	100.00	\$0	\$0	\$0			
Paintbrush	5152	3082	50	0	2,160	\$241,501	1996			2003	100.00	94.00	\$0	\$14,490	\$0			
Staff Duplex Cabin - A & B	5153	3083	52	0	1,522	\$335,486	1966			2003	100.00	94.00	\$0	\$20,129	\$0			
Blue Spruce	5154	3084	50	0	2,160	\$241,501	1996			2003	100.00	94.00	\$0	\$14,490	\$0			
Aspen	5155	3085	50	0	2,160	\$241,501	1996			2003	100.00	94.00	\$0	\$14,490	\$0			
Cinquefoil	5156	3086	50	0	2,160	\$241,501	1996			2003	100.00	94.00	\$0	\$14,490	\$0			

Kinnikinnik	5157	3087	50	0	2,160	\$241,501	1996			2003	100.00	94.00	\$0	\$14,490	\$0				
Lodgepole	5158	3088	50	0	2,160	\$241,501	1996			2003	100.00	94.00	\$0	\$14,490	\$0				
Outhouse	5169	3089	60	0	50	\$1,761	1996			2003	97.00	90.00	\$53	\$176	\$0				
Storage	3816	3093	31	0	576	\$10,700	1984			2003	64.00	90.00	\$3,852	\$1,070	\$2,782				
Sewage Treatment Fac	3817	3095	30	100	4,028	\$875,968	1974			2003	64.00	94.00	\$315,348	\$52,558	\$262,790				
Storage Barn	3819	4001	31	100	1,008	\$16,801	1983			2003	49.00	90.00	\$8,569	\$1,680	\$6,888				
Storage	3820	4002	31	100	3,248	\$150,944	1963			2003	49.00	90.00	\$76,981	\$15,094	\$61,887				
Storage	3821	4003	31	100	287	\$6,217	1925			2003	49.00	90.00	\$3,171	\$622	\$2,549				
Conference Center	8824	4010	29	100	11,989	\$1,180,876	2000			2003	95.00	94.00	\$59,044	\$70,853	\$0				
Water Treatment Pump House	8825	4011	30	100	300	\$76,079	2000			2003	95.00	90.00	\$3,804	\$7,608	\$0				
Cow/Calf Unit	8826	4012	31	100	14,214	\$817,525	2000			2003	95.00	90.00	\$40,876	\$81,753	\$0				
Covered Bale Hay Shed	8827	4013	31	100	3,750	\$76,079	2000			2003	95.00	90.00	\$3,804	\$7,608	\$0				
Sheep Unit	8828	4014	31	100	14,447	\$705,811	2000			2003	95.00	90.00	\$35,291	\$70,581	\$0				
Swine Units	8829	4015	31	100	812	\$34,317	2000			2003	95.00	90.00	\$1,716	\$3,432	\$0				
Swine Units	8821	4016	31	100	1,080	\$45,643	2000			2003	95.00	90.00	\$2,282	\$4,564	\$0				
Palpation Chutes	8850	4018	31	100	1,200	\$304,315	2000			2003	95.00	90.00	\$15,216	\$30,432	\$0				
Palpation Chutes	8842	4019	31	100	600	\$50,973	2000			2003	95.00	90.00	\$2,549	\$5,097	\$0				
Animal Water Pump House	8843	4021	31	100	300	\$71,514	2000			2003	95.00	90.00	\$3,576	\$7,151	\$0				
Intensive Monogastric Ruminant Research	8844	4022	11	100	9,000	\$764,591	2000			2003	95.00	94.00	\$38,230	\$45,875	\$0				
Feedlot Units	8845	4023	31	100	10,417	\$66,043	2000			2003	95.00	90.00	\$3,302	\$6,604	\$0				
Central Mix/Diet Prep	846	4024	31	100	2,500	\$316,995	2000			2003	95.00	90.00	\$15,850	\$31,700	\$0				
Grain Bins	8847	4025	31	100	128	\$20,383	2000			2003	94.00	90.00	\$1,223	\$2,038	\$0				
Grain Bins	8848	4026	31	100	128	\$20,383	2000			2003	94.00	90.00	\$1,223	\$2,038	\$0				
Hay Feed Bunker	8841	4028	31	100	2,119	\$10,747	2000			2003	94.00	90.00	\$645	\$1,075	\$0				
Hay Feed Bunker	8840	4029	31	100	4,290	\$21,758	2000			2003	95.00	90.00	\$1,088	\$2,176	\$0				
Feed Storage	8832	4030	31	100	2,160	\$34,235	2000			2003	95.00	90.00	\$1,712	\$3,424	\$0				
Scale House	8833	4031	31	100	100	\$3,170	2000			2003	95.00	90.00	\$159	\$317	\$0				
Grain Bins	5170	4032	31	100	42	\$9,691	2000			2003	94.00	90.00	\$581	\$969	\$0				
Grain Bins	5171	4033	31	100	42	\$9,691	2000			2003	94.00	90.00	\$581	\$969	\$0				
Grain Bins	5172	4034	31	100	21	\$2,423	2000			2003	94.00	90.00	\$145	\$242	\$0				
Pump House	8834	4037	31	100	50	\$1,078	2000			2003	95.00	90.00	\$54	\$108	\$0				
Pump House	8835	4038	31	100	50	\$23,775	2000			2003	95.00	90.00	\$1,189	\$2,378	\$0				
Pump House	8836	4039	31	100	50	\$1,056	2000			2003	95.00	90.00	\$53	\$106	\$0				
Pump House		4041	31	100	177	\$3,773	1980			2003	48.00	90.00	\$1,962	\$377	\$1,585				
Pump House	5173	4042	31	100	74	\$1,577	1980			2003	48.00	90.00	\$820	\$158	\$662				
Pump House	5174	4043	31	100	50	\$1,066	1980			2003	48.00	90.00	\$554	\$107	\$448				
Pump House	5175	4044	31	100	16	\$341	1980			2003	48.00	90.00	\$177	\$34	\$143				
Irrigation House	5176	4045	31	100	80	\$1,785	1980			2003	73.00	94.00	\$482	\$107	\$375				
Residence	3822	4050	52	100	2,669	\$202,935	1950			2003	74.00	94.00	\$52,763	\$12,176	\$40,587				
Grain Bin	3823	4051	31	100	65	\$5,447	1950			2003	74.00	90.00	\$1,416	\$545	\$872				
Grain Bin	5177	4052	31	100	540	\$72,136	2000			2003	74.00	90.00	\$18,755	\$7,214	\$11,542				
Animal Science Shop	3825	4053	31	100	2,560	\$83,372	1950			2003	74.00	94.00	\$21,677	\$5,002	\$16,674				
General Processing	7195	4054	31	100	24,771	\$1,362,167	1992			2003	93.00	94.00	\$95,352	\$81,730	\$13,622				
Pump House	3827	4055	31	100	36	\$1,173	1950			2003	49.00	90.00	\$598	\$117	\$481				
Grain Bin	5178	4057	31	100	314	\$14,411	2000			2003	74.00	90.00	\$3,747	\$1,441	\$2,306				
Foundation Seed Processing	5179	4058	31	100	8,726	\$291,272	1992			2003	74.00	90.00	\$75,731	\$29,127	\$46,604				
Machine Shed	7188	4060	31	100	30,000	\$352,026	1992			2003	93.00	90.00	\$24,642	\$35,203	\$0				
Bulk/Soil Storage	7189	4061	31	100	10,800	\$181,588	1992			2003	93.00	90.00	\$12,711	\$18,159	\$0				
Fertilizer Storage	7190	4062	31	100	800	\$34,193	1992			2003	93.00	90.00	\$2,394	\$3,419	\$0				
Pesticide Storage	7191	4063	31	100	240	\$72,437	1992			2003	93.00	90.00	\$5,071	\$7,244	\$0				

Pesticide Storage N	7192	4064	31	100	320	\$62,171	1992			2003	93.00	90.00	\$4,352	\$6,217	\$0			
Pesticide Storage E	7193	4065	31	100	320	\$62,171	1992			2003	93.00	90.00	\$4,352	\$6,217	\$0			
Grain Bin	5180	4066	31	100	384	\$88,603	2000			2003	74.00	90.00	\$23,037	\$8,860	\$14,176			
Grain Bin	5181	4067	31	100	200	\$87,438	2000			2003	74.00	90.00	\$22,734	\$8,744	\$13,990			
Grain Bin	5182	4068	31	100	228	\$24,920	2000			2003	74.00	90.00	\$6,479	\$2,492	\$3,987			
Well House	5183	4069	31	100	30	\$911	2001			2003	74.00	90.00	\$237	\$91	\$146			
Lockman Residence		4070	52	0	3,118	\$280,124	1999			2004	82.20	90.00	\$49,862	\$28,012	\$21,850			
Lockman Shop and Equipment	7966	4071	31	100	5,090	\$178,814	1999			2003	93.00	94.00	\$12,517	\$10,729	\$1,788			
Lockman Machine Shed / Shop	7967	4072	31	100	2,045	\$28,623	1999			2003	93.00	94.00	\$2,004	\$1,717	\$286			
Lockman Utility Shed	7969	4074	31	100	263	\$3,322	1999			2003	93.00	90.00	\$233	\$332	\$0			
Lockman Granary	7970	4075	31	100	1,600	\$31,581	1999			2003	93.00	90.00	\$2,211	\$3,158	\$0			
Lockman Pump House	8837	4076	31	100	10	\$126	1999			2003	49.00	90.00	\$64	\$13	\$52			
Headquarters	3830	4101	31	100	2,357	\$292,062	1969			2003	74.00	94.00	\$75,936	\$17,524	\$58,412			
Storage	3831	4102	31	100	1,510	\$116,934	1970			2003	49.00	90.00	\$59,636	\$11,693	\$47,943			
Dormitory	3832	4103	50	100	1,042	\$96,834	1969			2003	64.00	94.00	\$34,860	\$5,810	\$29,050			
Pump House	3833	4104	31	100	112	\$2,426	1969			2003	49.00	90.00	\$1,237	\$243	\$995			
Residence	3834	4105	52	100	1,615	\$150,083	1970			2003	64.00	94.00	\$54,030	\$9,005	\$45,025			
Tack Room	3835	4106	31	100	86	\$1,863	1969			2003	49.00	90.00	\$950	\$186	\$764			
Shed	3836	4107	31	100	580	\$12,564	1969			2003	49.00	90.00	\$6,408	\$1,256	\$5,151			
Shed	3837	4108	31	100	576	\$12,478	1969			2003	49.00	90.00	\$6,364	\$1,248	\$5,116			
Radiation Control	3838	4109	11	100	125	\$19,362	1968			2003	59.00	90.00	\$7,938	\$1,936	\$6,002			
Processing	3839	4302	31	100	6,735	\$312,996	1955			2003	59.00	94.00	\$128,328	\$18,780	\$109,549			
Residence	3840	4303	52	0	2,042	\$189,764	1967			2003	59.00	94.00	\$77,803	\$11,386	\$66,417			
Shop-Machine Storage	3841	4304	31	100	2,882	\$133,935	1965			2003	49.00	94.00	\$68,307	\$8,036	\$60,271			
Pesticide Storage	5184	4305	31	100	290	\$46,840	2000			2003	94.00	94.00	\$2,810	\$2,810	\$0			
Pump House	3842	4306	31	100	81	\$1,755	1983			2003	49.00	90.00	\$895	\$176	\$720			
Pump House	3843	4307	31	100	83	\$1,798	1955			2003	49.00	90.00	\$917	\$180	\$737			
Residence	3844	4601	52	0	2,194	\$124,854	1900			2007	66.30	94.00	\$42,076	\$7,491	\$34,585			
Onion Storage	3845	4602	31	100	1,600	\$72,841	1932			2007	75.00	90.00	\$18,210	\$7,284	\$10,926			M90030
Utility Storage	3846	4603	31	100	3,055	\$156,490	1956			2007	76.30	90.00	\$37,088	\$15,649	\$21,439			M90030
Animal Disease Lab	3847	4604	11	100	2,293	\$169,687	1964			2007	86.40	94.00	\$23,077	\$10,181	\$12,896			M90030
Entomology Lab/Grnhs	3848	4605	11	100	2,127	\$145,185	1966			2007	80.20	94.00	\$28,747	\$8,711	\$20,036			
Insectary	3849	4606	11	100	188	\$17,118	1966			2007	78.80	94.00	\$3,629	\$1,027	\$2,602			M90030
Storage Shed	3850	4608	31	100	145	\$6,601	1975			2007	65.40	90.00	\$2,284	\$660	\$1,624			M90030
Sheep Shed	3851	4609	31	100	145	\$4,955	1975			2007	77.20	90.00	\$1,130	\$496	\$634			M90030
Chemical Storage	7171	4610	31	100	240	\$7,360	1991			2007	71.80	90.00	\$2,076	\$736	\$1,340			
Pesticide Shed	5185	4611	31	100	153	\$32,330	2000			2007	85.50	90.00	\$4,688	\$3,233	\$0			
Machine Shed	5186	4612	31	100	2,400	\$56,845	1998			2007	83.30	90.00	\$9,493	\$5,685	\$3,809			
Animal Quarters	3852	4613	31	100	273	\$10,869	1975			2007	71.60	90.00	\$3,087	\$1,087	\$2,000			
Adobe Shed	5007	4614	31	100	1,440	\$31,987	1930			2007	61.20	90.00	\$12,411	\$3,199	\$9,212			M90030
Pesticide Storage	5188	4619	31	100	153	\$32,330	2000			2003	94.00	90.00	\$1,940	\$3,233	\$0			
Supplementation Barn	5019	4620	31	100	2,688	\$19,075	1989			2007	65.40	90.00	\$6,600	\$1,908	\$4,692			
Office	3853	4621	16	100	909	\$51,729	1957			2007	66.70	94.00	\$17,226	\$3,104	\$14,122			
Calving Shed	3854	4622	31	100	2,700	\$92,272	1920			2007	76.60	90.00	\$21,592	\$9,227	\$12,364			
Grain Storage	3855	4623	31	100	133	\$4,464	1983			2007	82.40	90.00	\$786	\$446	\$339			
Grain Storage	3856	4624	31	100	133	\$4,464	1983			2007	81.90	90.00	\$808	\$446	\$362			
Vehicle Shed	3857	4625	31	100	1,261	\$42,324	1983			2007	68.30	90.00	\$13,417	\$4,232	\$9,184			
Feed Storage	3858	4626	31	100	1,261	\$42,324	1983			2007	52.10	90.00	\$20,273	\$4,232	\$16,041			
Barn	3859	4627	31	100	1,031	\$35,234	1920			2007	59.60	90.00	\$14,235	\$3,523	\$10,711			
North Residence	3860	4628	52	0	2,301	\$130,943	1957			2007	69.30	94.00	\$40,200	\$7,857	\$32,343			

South Residence	3861	4629	52	0	2,356	\$134,073	1957			2007	65.40	94.00	\$46,389	\$8,044	\$38,345				
Bunkhouse	3862	4630	31	100	1,987	\$113,075	1910			2007	65.60	94.00	\$38,898	\$6,785	\$32,113				
Shop/Storage	3863	4631	31	100	2,100	\$95,604	1945			2007	69.00	94.00	\$29,637	\$5,736	\$23,901				M90030
Garage	3864	4632	31	100	436	\$19,849	1940			2007	65.20	90.00	\$6,907	\$1,985	\$4,923				
Lab/Storage	3865	4633	31	100	1,004	\$45,708	1945			2007	64.60	94.00	\$16,181	\$2,742	\$13,438				
Pump House	3866	4634	31	100	39	\$4,256	1983			2007	57.80	90.00	\$1,796	\$426	\$1,370				
Office/Shop	3867	4635	31	100	2,400	\$136,577	1977			2007	85.70	94.00	\$19,531	\$8,195	\$11,336				
Pesticide Storage	5188	4636	31	100	153	\$32,330	2000			2007	93.00	90.00	\$2,263	\$3,233	\$0				
CSFS-Golden/Trailer	3879	4653	31	100	1,525	\$38,418	1980			2005	62.80	94.00	\$14,291	\$2,305	\$11,986				M90030
Residence	3881	4701	52	100	2,550	\$145,113	1963			2007	71.60	94.00	\$41,212	\$8,707	\$32,505				
Office/Machine Shop	3882	4702	16	100	1,696	\$86,876	1962			2007	80.10	94.00	\$17,288	\$5,213	\$12,076				M90030
Machine Shed	3883	4703	31	100	3,007	\$136,896	1967			2007	84.60	90.00	\$21,082	\$13,690	\$0				
Greenhouse	3884	4704	31	100	1,467	\$66,783	1977			2007	84.20	94.00	\$10,552	\$4,007	\$6,545				M90030
Laboratory/Offices	3885	4705	16	100	4,132	\$467,315	1982			2007	82.80	94.00	\$80,378	\$28,039	\$52,339				M90030
Pole Barn	3886	4706	31	100	2,880	\$120,863	1983			2007	89.40	90.00	\$12,811	\$12,086	\$0				M90030
Pesticide Storage	5190	4707	31	100	222	\$38,553	2000			2007	92.10	90.00	\$3,046	\$3,855	\$0				
Anim. Diagnostic Lab	3887	4711	11	100	2,758	\$282,552	1973			2007	78.70	94.00	\$60,184	\$16,953	\$43,230				
Barn	3888	4721	31	100	2,063	\$70,503	1940			2007	80.90	90.00	\$13,466	\$7,050	\$6,416				M90030
Machine Shed	5002	4722	31	100	293	\$4,494	1973			2007	49.00	90.00	\$2,292	\$449	\$1,843				
Machine Shop	3889	4723	31	100	1,024	\$46,618	1976			2007	79.30	90.00	\$9,650	\$4,662	\$4,988				M90030
Administration	3890	4724	16	100	2,611	\$165,088	1938			2007	81.50	94.00	\$30,541	\$9,905	\$20,636				M90030
Bunkhouse	3891	4725	31	100	400	\$22,763	1940			2007	77.60	94.00	\$5,099	\$1,366	\$3,733				
Pesticide Storage	5191	4726	31	100	153	\$32,330	2000			2007	87.60	90.00	\$4,009	\$3,233	\$0				
Grain Bin	3894	4729	31	100	154	\$7,011	1940			2007	86.40	90.00	\$953	\$701	\$252				
Seed Conditioning	5160	4730	31	100	7,000	\$361,273	1982			2007	85.40	94.00	\$52,746	\$21,676	\$31,069				M90030
Grain Bin	7182	4731	31	100	154	\$2,576	1991			2007	86.40	90.00	\$350	\$258	\$93				
Grain Bin	7178	4732	31	100	154	\$2,576	1991			2007	86.40	90.00	\$350	\$258	\$93				
Residence	3896	4741	52	0	2,414	\$137,374	1941			2007	71.70	94.00	\$38,877	\$8,242	\$30,634				
Barn	3897	4742	31	100	957	\$32,705	1939			2007	72.40	90.00	\$9,027	\$3,271	\$5,756				
Packing Shed	3898	4743	31	100	1,465	\$66,695	1941			2007	67.10	90.00	\$21,943	\$6,670	\$15,273				
Office/Laboratory	3899	4744	16	100	4,826	\$357,113	1962			2007	79.20	94.00	\$74,280	\$21,427	\$52,853				M90030
Storage Shed	3900	4745	31	100	885	\$40,290	1962			2007	65.70	90.00	\$13,819	\$4,029	\$9,790				
Greenhouse	3903	4748	11	100	1,205	\$54,856	1962			2007	88.40	94.00	\$6,363	\$3,291	\$3,072				
Shop And Shed	3905	4750	31	100	2,448	\$111,447	1962			2007	83.30	94.00	\$18,612	\$6,687	\$11,925				
Headhouse/Insectary	3906	4751	11	100	1,598	\$145,493	1962			2007	84.00	94.00	\$23,279	\$8,730	\$14,549				M90030
Tank	7194	4756	31	100	472	\$3,822	1962			2003	49.00	90.00	\$1,949	\$382	\$1,567				
Viticulture Pumphouse	7343	4757	31	100	124	\$2,724	1971			2007	82.70	90.00	\$471	\$272	\$199				
Model 10 Pest. Strg.	7344	4758	31	100	63	\$14,723	1987			2007	91.60	90.00	\$1,237	\$1,472	(\$236)				
Pesticide Storage	5192	4759	31	100	222	\$38,553	1992			2007	91.60	90.00	\$3,238	\$3,855	(\$617)				
Residence	3910	4781	52	0	1,214	\$69,085	1963			2007	61.10	94.00	\$26,874	\$4,145	\$22,729				
New Cellar	3911	4783	31	100	9,033	\$411,235	1950			2007	82.60	90.00	\$71,555	\$41,124	\$30,431				
Office/Lab	3912	4784	16	100	4,236	\$314,889	1968			2007	76.30	94.00	\$74,629	\$18,893	\$55,735				P0016
Lab/Storage	3913	4785	11	100	2,809	\$162,509	1960			2003	86.85	94.00	\$21,370	\$9,751	\$11,619				
Machine Shop	3914	4786	31	100	4,381	\$199,449	1964			2007	86.20	94.00	\$27,524	\$11,967	\$15,557				P0016
Pump House	3915	4787	31	100	237	\$10,790	1952			2007	77.00	90.00	\$2,482	\$1,079	\$1,403				
Garage	3916	4788	31	100	1,898	\$86,408	1952			2007	85.60	90.00	\$12,443	\$8,641	\$3,802				M90030
Pesticide Storage	5193	4790	31	100	290	\$46,840	2000			2007	94.20	90.00	\$2,717	\$4,684	\$0				
Greenhouse/Headhouse	7325	4791	11	100	10,027	\$246,325	1993			2007	88.10	94.00	\$29,313	\$14,780	\$14,533				
Tool Shed	3919	4792	31	100	121	\$5,509	1952			2007	77.90	90.00	\$1,217	\$551	\$667				
Gas House	3920	4793	31	100	204	\$9,287	1952			2007	77.90	90.00	\$2,052	\$929	\$1,124				

Grain Bin	3921	4794	31	100	254	\$11,564	1960			2007	80.70	90.00	\$2,232	\$1,156	\$1,075			
Grain Bin	3922	4795	31	100	154	\$7,011	1960			2007	80.20	90.00	\$1,388	\$701	\$687			
Grain Bin	3923	4796	31	100	154	\$7,011	1960			2007	80.70	90.00	\$1,353	\$701	\$652			
Administration	3924	4821	16	100	4,030	\$229,336	1921			2007	80.90	94.00	\$43,803	\$13,760	\$30,043			
Library	3925	4822	17	100	4,277	\$243,392	1938			2007	68.50	94.00	\$76,668	\$14,604	\$62,065			
Storage Shed	3926	4824	31	100	153	\$32,330	2000			2007	68.50	90.00	\$10,184	\$3,233	\$6,951			
Bus Garage	3928	4826	30	100	3,500	\$159,340	1918			2003	54.00	90.00	\$73,296	\$15,934	\$57,362			
Dwelling 19	3930	4830	52	0	4,470	\$103,343	1920			2007	76.50	94.00	\$24,286	\$6,201	\$18,085			
Dwelling 12	3931	4831	52	100	1,816	\$89,970	1920			2007	57.40	94.00	\$38,327	\$5,398	\$32,929			
Dwelling 13	3932	4832	52	0	1,581	\$135,496	1920			2007	83.50	94.00	\$22,357	\$8,130	\$14,227			
Dwelling 14	3933	4833	52	0	2,381	\$131,683	1920			2007	87.10	94.00	\$16,987	\$7,901	\$9,086			
Dwelling 15	3934	4834	52	0	2,314	\$116,830	1920			2007	69.40	94.00	\$35,750	\$7,010	\$28,740			
Dwelling 18	3935	4836	52	0	2,604	\$148,186	1920			2007	69.60	94.00	\$45,049	\$8,891	\$36,157			
Dwelling 10	3936	4837	52	0	4,193	\$238,607	1920			2007	71.60	94.00	\$67,764	\$14,316	\$53,448			
Dwelling 20	3937	4838	52	100	420	\$23,901	1962			2007	69.60	94.00	\$7,266	\$1,434	\$5,832			
Garage	3938	4840	31	100	3,519	\$160,205	1920			2007	69.60	90.00	\$48,702	\$16,021	\$32,682			
Gas And Oil Building	3939	4841	31	100	240	\$10,926	1920			2007	79.90	90.00	\$2,196	\$1,093	\$1,104			
Dairy Barn	3940	4843	31	100	5,825	\$199,069	1895			2007	64.20	90.00	\$71,267	\$19,907	\$51,360			
Farm Shop	3941	4844	31	100	1,500	\$68,289	1920			2007	71.10	94.00	\$19,736	\$4,097	\$15,638			
Horse Barn	3942	4845	31	100	6,196	\$211,748	1920			2007	73.10	90.00	\$56,960	\$21,175	\$35,785			
Silo	3943	4846	31	100	154	\$7,011	1920			2007	68.80	90.00	\$2,187	\$701	\$1,486			
Cattle Shed	3944	4847	31	100	8,900	\$304,157	1920			2007	68.60	90.00	\$95,505	\$30,416	\$65,090			
Scale House	3945	4848	31	100	795	\$36,193	1970			2007	77.60	90.00	\$8,107	\$3,619	\$4,488			
Bull Barn	3946	4849	31	100	6,830	\$233,415	1935			2007	74.10	90.00	\$60,454	\$23,342	\$37,113			
Granary	3947	4850	31	100	3,000	\$136,577	1895			2007	55.10	90.00	\$61,323	\$13,658	\$47,665			
Calf Shed	3948	4851	31	100	480	\$16,404	1920			2007	71.30	90.00	\$4,708	\$1,640	\$3,068			
Pump House	3949	4853	31	100	640	\$29,137	1920			2007	68.90	90.00	\$9,062	\$2,914	\$6,148			
Hay Barn	3950	4857	31	100	2,560	\$99,572	1980			2007	78.80	90.00	\$21,109	\$9,957	\$11,152			
Pole Barn	3951	4858	31	100	1,400	\$47,845	1960			2007	76.90	90.00	\$11,052	\$4,785	\$6,268			
Pole Barn	3952	4859	31	100	2,400	\$82,020	1960			2007	76.90	90.00	\$18,947	\$8,202	\$10,745			
Pole Barn	3953	4860	31	100	2,800	\$95,690	1970			2007	76.90	90.00	\$22,104	\$9,569	\$12,535			
Cattle Shed	3954	4861	31	100	512	\$17,498	1960			2007	74.30	90.00	\$4,497	\$1,750	\$2,747			
Cattle Shed	3955	4862	31	100	420	\$14,353	1960			2007	73.50	90.00	\$3,804	\$1,435	\$2,368			
Cattle Shed	3956	4863	31	100	360	\$12,303	1960			2003	49.00	90.00	\$6,275	\$1,230	\$5,044			
Shop	3957	4860	31	100	1,600	\$61,231	1982			2007	99.00	94.00	\$612	\$3,674	(\$3,062)			
Office	3958	4881	16	100	2,304	\$119,041	1983			2003	88.22	94.00	\$14,023	\$7,142	\$6,881			
Pole Barn	8838	4882	16	100	1,800	\$22,824	2000			2007	88.30	90.00	\$2,670	\$2,282	\$0			
Pesticide Storage	8839	4883	31	100	153	\$32,330	2000			2007	92.80	90.00	\$2,328	\$3,233	\$0			
Hay Barn	8831	4884	31	100	5,615	\$23,495	2000			2003	98.00	90.00	\$470	\$2,350	\$0			
Laboratory/Office	3960	4891	11	100	6,042	\$447,122	1969			2007	80.70	94.00	\$86,295	\$26,827	\$59,467			M90030
Greenhouse	3961	4892	11	100	1,000	\$45,524	1969			2007	86.20	94.00	\$6,282	\$2,731	\$3,551			
Shop/Storage	3962	4893	31	100	2,430	\$110,628	1976			2007	81.40	94.00	\$20,577	\$6,638	\$13,939			
Scale House	3963	4894	31	100	336	\$15,297	1976			2007	84.80	90.00	\$2,325	\$1,530	\$795			
Animal Shelter	3965	4896	31	100	800	\$3,581	1986			2007	63.10	90.00	\$1,321	\$358	\$963			
Residence/Duplex	3966	4901	52	100	3,169	\$180,339	1920			2003	64.00	94.00	\$64,922	\$10,820	\$54,102			
Residence	3967	4902	52	100	4,064	\$231,271	1920			2003	34.00	94.00	\$152,639	\$13,876	\$138,763			
Office/Lab	3968	4903	16	100	5,714	\$357,728	1848			2003	34.00	94.00	\$236,100	\$21,464	\$214,637			
Garage	3969	4905	31	100	513	\$23,355	1920			2003	34.00	90.00	\$15,414	\$2,336	\$13,079			
Machine Shed	3970	4906	31	100	2,027	\$92,281	1946			2003	34.00	90.00	\$60,905	\$9,228	\$51,677			
Garage/Onion Drying	3971	4907	31	100	3,866	\$176,003	1948			2003	34.00	90.00	\$116,162	\$17,600	\$98,562			

Potato Cellar	3972	4908	31	100	3,053	\$138,990	1920			2003	34.00	90.00	\$91,733	\$13,899	\$77,834				
Pump House	3973	4910	31	100	122	\$5,554	1936			2003	34.00	90.00	\$3,666	\$555	\$3,110				
Machine Shed	3975	4912	31	100	1,555	\$70,793	1948			2003	34.00	90.00	\$46,723	\$7,079	\$39,644				
Well House	3976	4913	31	100	71	\$3,232	1950			2003	34.00	90.00	\$2,133	\$323	\$1,810				
Office Building	5011	4914	16	100	2,333	\$158,248	1991			2007	82.90	94.00	\$27,060	\$9,495	\$17,566				
Radome	5012	4915	11	100	3,706	\$189,950	1991			2007	95.50	94.00	\$8,548	\$11,397	(\$2,849)				
CSFS-Alamosa/Shop	3977	6021	31	100	2,000	\$37,152	1978			2007	74.30	94.00	\$9,548	\$2,229	\$7,319				
CSFS - Boulder Office	5195	6131	16	100	1,867	\$454,456	2001			2006	95.50	94.00	\$20,451	\$27,267	\$0				
CSFS - Boulder Shop		6132	31	100	1,573	\$27,218	2001			2006	99.60	94.00	\$109	\$1,633	\$0				
CSFS-Franktown Office/Garage	7939	6341	16	100	3,540	\$122,214	1963			2006	78.50	94.00	\$26,276	\$7,333	\$18,943				
CSFS-Canon City/Off.	3980	6421	16	100	1,440	\$219,638	1978			2007	75.00	94.00	\$54,910	\$13,178	\$41,731			M90030	
CSFS-Canon City/Stor	3981	6422	31	100	2,400	\$44,585	1978			2007	75.20	90.00	\$11,057	\$4,459	\$0				
CSFS-La Veta/Office	3982	6541	16	100	775	\$14,989	1978			2007	75.00	94.00	\$3,747	\$899	\$2,848				
CSFS-La Veta/Storage	3983	6542	31	100	720	\$13,375	1978			2007	7308.00	90.00	(\$964,070)	\$1,338	\$0				
CSFS-Durango/Storage	3985	6662	31	100	2,000	\$38,682	1978			2007	79.20	90.00	\$8,046	\$3,868	\$4,178				
CSFS-Durango/Office	5203	6664	16	100	1,821	\$295,043	1999			2007	82.30	94.00	\$52,223	\$17,703	\$34,520				
CSFS Ft Morgan/Offc.	5144	6863	16	100	2,607	\$278,807	1967			2006	74.50	94.00	\$71,096	\$16,728	\$54,367				
CSFS - Woodland Storage	3993	7182	31	100	2,304	\$42,809	1978			2006	83.20	94.00	\$7,192	\$2,569	\$4,623				
CSFS Woodland Office - # 1	7184	7183	16	100	609	\$36,807	1971			2006	43.50	94.00	\$20,796	\$2,208	\$18,588				
CSFS Woodland Main Office	5145	7184	16	100	1,848	\$277,341	1995			2006	83.40	94.00	\$46,039	\$16,640	\$29,398				

Building Estimated Backlog	\$134,720,987
Code Compliance Estimated Backlog	\$2,383,998
Total Estimated Backlog	\$137,104,985

	GSF	Expenses	\$/GSF
R&M	5,084,811	\$6,779,436	\$1.33
Janitorial	5,084,811	\$4,472,976	\$0.88
R&G	11,918,248	\$1,253,886	\$0.11
Utilities	5,408,845	\$12,427,944	\$2.30

AVERY

CM-07: O & M COST

2.11 INSTRUCTIONS FOR THE AGENCY'S OPERATION AND MAINTENANCE COST (FORM SBREP CM-07, Excel Spreadsheet, New 5/05)

This new worksheet was part of the building inventory, but SBREP decided it should be a separate worksheet.

The agency's abbreviation, form title, current date, and page numbering is done automatically by the spreadsheet.

Blank Repair and Maintenance:

1):

Expenditures for the general repairs and maintenance of buildings and supporting infrastructure including piped distribution systems and central power plants. Includes both in-house salaries for operating engineers and maintenance personnel, and contracted services such as elevator, HVAC, electrical, structural/roof, plumbing, fire and life safety expenses and other maintenance and supplies. For institutions of higher education, this category does not include expenditures made from institutional plant funds.

a) Enter total gross square feet (GSF) of all agency general funded buildings, as applicable. For specific building complexes or sites, provide additional breakdown if known.

b) Enter actual agency repairs and maintenance expenses for FY2004/2005.

a) Enter cost per agency GSF determined by dividing the repair and maintenance annual expenses "b" by the agency's GSF "a".

Blank

Janitorial:

2):

Expenditures from both daytime and nighttime cleaning of all general funded buildings internal areas. Include expenses categories such as salaries for in-house janitorial personnel, contract services for both routine and special cleaning (window washing, carpet cleaning), trash removal, supplies and miscellaneous cleaning expenses.

a) Enter total gross square feet (GSF) of all agency general funded buildings, as applicable.

b) Enter actual agency janitorial expenses for FY2004/2005.

c) Enter cost per agency GSF determined by dividing the janitorial annual expenses "b" by the agency's GSF "a".

Blank 3) Roads and Grounds:

Expenditures related to the exterior maintenance of general funded buildings (such as the landscaping, snow removal, parking lot repairs, site signage, site lighting, etc). Includes salaries for in-house roads and grounds personnel as well as contract services for specified duties and supplies (fertilizer, ice melt chemicals). Parking area maintenance is included in this area only for those lots

that do not share a parking fee.

- a) Enter total gross square feet (GSF) or acreage, of all agency general funded site(s) areas, as applicable.
- b) Enter actual agency road and grounds expenses for FY2004/2005.
- c) Enter cost per agency GSF (or acres) determined by dividing the roads and grounds annual expenses "b" by the agency's GSF "a".

Blank
4):

Utilities:

Expenditures for utilities (whether purchased or produced/generated locally) for general funded buildings including natural gas, electricity, water, sewage, and fuel oil. Do not include telecommunication utilities.

- a) Enter total gross square feet (GSF) of all agency general funded buildings, as applicable.
- b) Enter actual agency utilities expenses for FY2004/2005.
- c) Enter cost per agency GSF determined by dividing the utilities "b" by the agency's GSF "a".

	a) GSF	b) Expenses \$	c) \$/GSF
Repair & Maintenance - Blank 1	5,084,811	\$6,779,436	\$1.33
Janitorial - Blank 2	5,084,811	\$4,472,976	\$0.88
Roads & Grounds - Blank 3	11,918,248	\$1,253,886	\$0.11
Utilities -Blank 4	5,408,845	\$12,427,944	\$2.30

AVERY

CM-01: CM REQUEST
SUMMARY

**CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Agency Colorado State University 2) Department Higher Education
3) Date August 2008

4) Proj M#	4) Agency ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9) Criticality Index x CI	10) Project Score = PS
06057		Replace Environmental Control System Phase <u>3</u> of <u>3</u> Total Project Cost: <u>\$989,028</u> Prior Appropriation: <u>\$611,894</u> Current Year Request: <u>\$377,134</u> Project Balance: <u>\$0</u>		1	1		
06056		Replace Steam & Condensate-North Line Phase <u>3</u> of <u>3</u> Total Project Cost: <u>\$2,599,406</u> Prior Appropriation: <u>\$1,169,079</u> Current Year Request: <u>\$1,430,327</u> Project Balance: <u>\$0</u>		1	1		
	98-166	Sanitary Sewer Improvements Phase <u>2</u> of <u>3</u> Total Project Cost: <u>\$2,035</u> Prior Appropriation: <u>\$639,852</u> Current Year Request: <u>\$697,840</u> Project Balance: <u>\$697,840</u>		1	1		

^A Current-Year CM Total \$	
^A FY 2008/2009 CM Total \$	
^A FY 2009/2010 CM Total \$	
^A FY 2010/2011 CM Total \$	
^A FY 2011/2012 CM Total \$	

^B Total Five Year CM Plan (Short-Term Needs) \$

^C Non-Prioritized Building Maintenance Total \$

^D Non-Prioritized Infrastructure Maintenance Total \$

^E Total Non-Prioritized (Long-Term) Needs

**CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

				Agency Priority # AP	Operational Criteria x OC	Criticality Index x CI	Project Score = PS
4) Proj M#	4) Agency ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9)	10)
	00-005	Replace Failed Roofing Phase _1_of _2_ Total Project Cost: <u>\$3,377,550</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$1,992,100</u> Project Balance: <u>\$1,385,450</u>		1	1		
	03-124	Replace Inadequate Ventilation System – Painter Center Phase _1_of _1_ Total Project Cost: <u>\$1,887,883</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$1,887,883</u> Project Balance: <u>\$0</u>		1	1		
	98-086	Replace Unsafe Overhead Electrical Service – Foothills Phase _1_of _2_ Total Project Cost: <u>\$1,690,304</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$1,156,210</u> Project Balance: <u>\$534,094</u>		1	1		
	08-086	Replace Inadequate Ventilation Systems and Failing Electrical & Mechanical Systems - Visual Arts Phase _1_of _3_ Total Project Cost: Prior Appropriation: <u>\$3,168,165</u> Current Year Request: <u>\$0</u> Project Balance: <u>\$439,725</u> <u>\$2,728,440</u>		1	1		
	99-005	Replace Heating, Cooling, Electrical, and Architectural Items Engineering Research Center Phase _1_of _2_ Total Project Cost: <u>\$3,102,930</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$1,551,465</u> Project Balance: <u>\$1,551,465</u>		1	1		

**CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

03-123	Direct Digital Control System Conversion Phase <u>1</u> of <u>3</u> Total Project Cost: <u>\$1,290,418</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$597,418</u> Project Balance: <u>\$693,000</u>	1	1		
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^A Current-Year CM Total \$	
^A FY 2008/2009 CM Total \$	
^A FY 2009/2010 CM Total \$	
^A FY 2010/2011 CM Total \$	
^A FY 2011/2012 CM Total \$	

^B Total Five Year CM Plan (Short-Term Needs) \$	
--	--

^C Non-Prioritized Building Maintenance Total \$	
^D Non-Prioritized Infrastructure Maintenance Total \$	
^E Total Non-Prioritized (Long-Term) Needs	


1) Agency Colorado State University 2) Department Higher Education
3) Date August 2007

4) Proj M#	4) Agency ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9) Criticality Index x CI	10) Project Score = PS
	03-121	Improve Fire Alarm Systems for Additional Life Safety and Code Compliance Phase <u>1</u> of <u>2</u> Total Project Cost: <u>\$1,284,376</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$499,617</u> Project Balance: <u>\$784,759</u>		1	1		
	03-121	Replace Deteriorated Electrical and Mechanical - Guggenheim Phase <u>1</u> of <u>2</u> Total Project Cost: <u>\$1,776,070</u> Prior Appropriation: <u>\$0</u> Current Year Request: <u>\$572,000</u> Project Balance: <u>\$1,204,070</u>		1	1		

**CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

		^A Current-Year CM Total \$	\$ 10,629,719				
		^A FY 2010/2011 CM Total \$	\$10,609,614				
		^A FY 2011/2012 CM Total \$	\$6,861,573				
		^A FY 2012/2013 CM Total \$	\$5,398,343				
		^A FY 2013/2014 CM Total \$	\$11,681,851				
		^B Total Five Year CM Plan (Short-Term Needs) \$	\$45,181,100				
		^C Non-Prioritized Building Maintenance Total \$	\$179,805,936				
		^D Non-Prioritized Infrastructure Maintenance Total \$	\$218,701,387				
		^E Total Non-Prioritized (Long-Term) Needs	\$410,532,469				

CM-02: ASSET MGMT
MAINTENANCE
STRATEGY

 AVERY

**AGENCY ASSET MANAGEMENT MAINTENANCE STRATEGY FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

Page 1 of 1

- 1) Agency: Colorado State University
- 2) Department: Higher Education
- 3) Prepared by: Dewey Wearne
- 4) Date: August 2008

#1. Please describe your agency's overall strategy for maintaining and upgrading the condition of your general funded buildings and related infrastructure as supported by your current Facilities Audit Process and indicated in the Five Year Controlled Maintenance Plan. (For example is the intent to upgrade as funding allows, by criticality, by building, by system, by infrastructure, by complex or by a combination of these components). Please provide examples of project requests taken directly from your current Controlled Maintenance Five Year Plan.

We use our Facilities Audit Program to develop each building's Facilities Conditions Index, plus we have a Utilities Audit. Based on these audits, we determine which building, utilities, and system to improve. We then break it down into areas with the System Component Index. We look at the building or utilities first, system second, and individual piece of equipment third. For example, the chiller may need to be replaced in lieu of the whole system. Most of our building repairs fall into more than one system, Visual Arts for example; we document numerous systems and individual items. The Fire Alarm project replaces panels and other parts that we can't maintain anymore without newer components. The Chemistry fume hood replacement project replaces old fume hoods only that don't meet safety standards.

#2. Please describe how your agency coordinates the Five Year Controlled Maintenance Plan with routine and preventative maintenance programs and, the Capital Construction Five Year Plan including Capital Renewal project requests.

Our routine maintenance plan tackles small maintenance and extends the life of equipment and smaller parts. Preventative maintenance is done on various systems but not all. Mechanical filters, belts and oil are changed on a regular bases. This helps us determine if a piece of equipment is failing. Electrical switches on the utilities are tested every six months. Routine preventative maintenance feeds into our Audit program, helping us to decide which project to forward into controlled maintenance.

#3. Please identify any other internal or external maintenance funding sources and the amount of annual funding that your agency receives by source to address buildings and infrastructure deficiencies and emergency needs and, describe how these are coordinated with your Five Year Controlled Maintenance Plan. (Note that this does not refer to line-item operating budgets for routine maintenance and utilities, but availability of other internal funds and funding sources such as, student fees, revenues, gifts, grants, bond financing, federal, state or local funds, etc.)

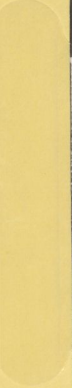
We have no other funding sources for maintenance. The University General fund, and/or Student Fees, will sometimes line item a project for maintenance.

#4. If your agency has auxiliary funded buildings or buildings funded through other sources, is there a similar Facilities Audit Process and Five Year Deferred Maintenance Plan to address building and infrastructure deficiencies and describe how these are identified and coordinated with your Five Year Controlled Maintenance Plan?

Our Auxiliaries have an Audit program that identifies their deficiencies. The Auxiliary is responsible for all of their maintenance. They must keep their buildings equivalent to University Standard Facilities Conditions Index (Range 68-78). Auxiliary building maintenance projects are coordinated at the Administrative, Vice- President level. Facilities Management utility engineers cover all utilities.

 AVERY

CM-03: CM PROJECT
STATUS REQUEST FY
2009/2010



AVITY

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

A. AGENCY BASIC DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**

- 1) Agency Colorado State University
 2) Department Higher Education
 3) Physical Plant ID No. 1-04 Project M # _____
 4) Agency Priority # 1
 5) Project Title Replace Environmental Control System – Phase 3 of 3

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) See Below
 Risk Mgmt. Bldg(s) ID# See Below

- 2) Facility Location Main, South and Foothills Campuses
 3) Facility Area/Age GSF See Below ASF See Below Date Built See Below
 4) Facility Functional Use/Occupancy See Below
 5) Facility Construction (Type) See Below
 6) Facility Physical Condition and Facility Condition Index (FCI) Number See Below

Actual FCI = See Below Targeted FCI = 94.00 Date of Last Audit 2005

(Describe)	Risk	GSF	ASF	Date Built	Occupancy	Const. Type	FCI
Chemistry	3339	168,037	102,587	1971	Science	II-FR	69.70
Andrew G. Clark	3276	254,792	137,463	1967	Classroom/office	II-FR	66.26
Engineering	3217	211,410	134,650	1957	Engineering	II-1HR	87.76
Gifford	3343	92,278	59,453	1975	Science	II-1HR	72.85
Glover	3269	52,823	33,369	1950	Engineering	II-1HR	84.51
Auditorium Gymnasium	3209	280,438	170,644	1966	Physical Ed.	II-FR	71.07
Natural Resources	3262	73,027	45,856	1975	Science	II-1HR	74.91
Visual Arts	3341	91,997	71,132	1973	Fine Arts	II-1HR	77.61
AIDL	3668	14,329	8,979	1964	Science	II-1HR	68.84
Animal Sciences	3305	40,412	27,253	1959	Science	II-1HR	54.00
ARBL	3653	41,288	24,903	1964	Science	V-N	84.87
Atmospheric Science	3575	37,079	21,779	1967	Science	II-1HR	72.55
Aylesworth Hall	3204	87,523	55,510	1956	Classroom/Office	II-1HR	66.11
CETT	3669	14,676	13,042	1966	Science	II-1HR	68.19
Engineering Research Center	3557	149,915	134,490	1962	Engineering	II-1HR	67.98
Plant Sciences	3278	82,725	52,362	1959	Science	II-1HR	94.29
GSB	3287	74,907	49,821	1948	Office	III-N	69.93
John E. Painter	3338	31,139	12,688	1980	Science	II-1HR	82.35
Spruce Hall	3238	18,738	11,797	1881	Office	III-N	82.55

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

8) Facility - Current Replacement Value	See Below :	
	Chemistry	\$30,717,752
	Andrew G. Clark	\$27,170,356
	Engineering	\$88,463,627
	Gifford	\$9,491,678
	Glover	\$7,508,990
	Auditorium Gymnasium	\$34,334,080
	Natural Resources	\$9,529,096
	Visual Arts	\$9,149,865
	AIDL	\$1,754,132
	Animal Sciences	\$5,541,047
	ARBL	\$7,162,031
	Atmospheric Science	\$3,825,793
	Aylesworth Hall	\$10,667,224
	CETT	\$1,514,262
	Engineering Research Center	\$22,840,480
	Plant Sciences	\$9,493,501
	GSB	\$11,462,561
	John E. Painter	\$4,187,707
	Spruce Hall	\$1,691,706

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

- a) Facility 'useful' life is less than five (5) years.
- b) Facility 'useful' life is more than five (5) years.
- c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CCHE)
- d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
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10) Facility Audit Survey:

- | | | |
|---|-------------|-------------|
| a) Facility Audit Survey concluded and submitted to SBREP - | Date | <u>2005</u> |
| b) Status of the Infrastructure Assessment. | % Completed | <u>50</u> |
| c) Facility Audit Survey Cycle | <u>5/2</u> | |

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
<u>P0017</u>	<u>Plant Science Renovation</u>	<u>June 05</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

These buildings have are controlled with old, worn out pneumatic controls. This system does not interface with the University's digital control system. Since the pneumatic systems are not alarmed and therefore do not report to the central computer, component failures have caused damage to mechanical equipment and closed rooms or facilities for short periods of time. Replacement parts are difficult to obtain and maintenance costs are high. All pneumatic components will be replaced with digital components that match the existing Johnson Controls Metasys system.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 989,028

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request: Energy costs and maintenance costs will rise as components wear out and fail. Since the pneumatic systems are not alarmed and do not report to the central computer, component failures have caused damage to mechanical equipment. This results in even higher maintenance costs.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 3
3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	\$0

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Structure/System/Components			
Visual Arts			
Receiver controller	EA	\$5,214	\$10,428
Valves/actuators	EA	\$665	\$3,990
Programming	LS	\$3,162	\$3,162
AIDL			
Receiver controller	EA	\$5,214	\$26,070
Valves/actuators	EA	\$665	\$9,310
Programming	LS	\$6,197	\$6,197
Animal Sciences			
Receiver controller	EA	\$5,214	\$15,642
Valves/actuators	EA	\$665	\$4,655
Programming	LS	\$975	\$975
ARBL			
Receiver controller	EA	\$5,214	\$26,070
Valves/actuators	EA	\$665	\$9,310
Programming	LS	\$5,650	\$5,650
Aylesworth Hall			
Receiver controller	EA	\$5,214	\$20,856
Valves/actuators	EA	\$665	\$6,650
Programming	LS	\$1,795	\$1,795
CETT			
Receiver controller	EA	\$5,214	\$31,284
Valves/actuators	EA	\$665	\$11,305
Programming	LS	\$5,113	\$5,113
Engineering Research Center			
Receiver controller	EA	\$5,214	\$26,070
Valves/actuators	EA	\$665	\$8,645
Programming	LS	\$4,016	\$4,016

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
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Plant Sciences			
Receiver controller	EA	\$5,214	\$36,498
Valves/actuators	EA	\$665	\$12,635
Programming	LS	\$5,722	\$5,722
General Services			
Receiver controller	EA	\$5,214	\$10,428
Valves/actuators	EA	\$665	\$3,325
Programming	LS	\$429	\$429
John E. Painter Center			
Receiver controller	EA	\$5,214	\$5,214
Valves/actuators	EA	\$665	\$1,330
Programming	LS	\$774	\$774
Spruce Hall			
Receiver controller	EA	\$5,214	\$20,856
Valves/actuators	EA	\$665	\$6,650
Programming	LS	\$1,795	\$1,795
Total of Construction Improvements Costs			\$342,849

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$0

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$34,285
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$377,134
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$989,028
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	1-04	FY 2006/2007	1	\$267,121

\$ 267,121 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	1-04	FY 2007/2008	2	\$344,773

\$ 344,773 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	1-04	FY 2009/2010	3	\$377,134

\$ 377,134 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 989,028
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	July 07	Dec 07
2. Design (Insert Dates)	Dec 07	May 08
3. Construction (Insert Dates)	May 08	May 09
4. Project Close-out/Final Completion	May 10	July 11

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**Facilities Audit Program
Building Summary**

Building Name: Arthropod-Borne & Infectious Disease Lab *Number:* 1421
Construction Date: 1964 *Gross Square Feet:* 14,329 *Net Square Feet:* 11,914
Date of Audit: 04/09/2007 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 1
Classification: M150 College, Laboratory *SBP Class:* 11 Science
Replacement Cost: \$1,783,424.60 *Cost Per SF:* \$124.46

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.07	0.0105	\$18,725.96
Ext Walls	0.2000	0.06	0.0120	\$21,401.10
Floors	0.2500	0.07	0.0175	\$31,209.93
Roof	0.2500	0.06	0.0150	\$26,751.37
Ceiling	0.4000	0.03	0.0120	\$21,401.10
Int Walls	0.6000	0.09	0.0540	\$96,304.94
Windows	0.5000	0.02	0.0100	\$17,834.25
Doors	0.5000	0.02	0.0100	\$17,834.25
Cool Vent	0.3200	0.06	0.0208	\$37,095.23
Heat	0.3800	0.06	0.0247	\$44,050.59
Plumbing	0.3900	0.14	0.0546	\$97,374.99
Electrical	0.6540	0.07	0.0458	\$81,645.18
Safety	0.3500	0.02	0.0070	\$12,483.97
AE/OP	0.2939	0.18	0.0529	\$94,340.31

Component Deficiency Total: 0.3468

Outstanding Maintenance: \$618,453.14
Facilities Condition Index (FCI): 65.32

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)

Monday, May 14, 2007

*Facilities Audit Program
Building Summary*

Building Name: Animal Sciences *Number:* 0110
Construction Date: 1959 *Gross Square Feet:* 40,412 *Net Square Feet:* 35,974
Date of Audit: 11/29/2004 *Cycle:* 5 *Phase:* 2 *No. of Stories:* 2
Classification: M150 College, Laboratory *SBP Class:* 11 *Science*
Replacement Cost: \$5,541,046.93 *Cost Per SF:* \$137.11

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1000	0.07	0.0070	\$38,787.33
Ext Walls	0.1700	0.06	0.0102	\$56,518.68
Floors	0.3500	0.07	0.0245	\$135,755.65
Roof	0.7000	0.06	0.0420	\$232,723.98
Ceiling	0.9000	0.03	0.0270	\$149,608.26
Int Walls	0.3000	0.09	0.0270	\$149,608.28
Windows	0.8000	0.02	0.0160	\$88,656.75
Doors	0.4000	0.02	0.0080	\$44,328.38
Cool Vent	0.5000	0.05	0.0250	\$138,526.18
Heat	0.9500	0.08	0.0760	\$421,119.55
Plumbing	0.4100	0.14	0.0574	\$318,056.09
Electrical	0.7300	0.07	0.0511	\$283,147.48
Convey	0.1000	0.01	0.0010	\$5,541.05
Safety	0.4000	0.02	0.0080	\$44,328.38
AE/OP	0.3802	0.21	0.0798	\$442,408.25

Component Deficiency Total: 0.4600

Outstanding Maintenance: \$2,549,114.27

Facilities Condition Index (FCI): 54.00

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)

**Facilities Audit Program
Building Summary**

Building Name: Aylesworth Hall *Number:* 0021
Construction Date: 1956 *Gross Square Feet:* 86,723 *Net Square Feet:* 79,996
Date of Audit: 09/15/2003 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 3
Classification: M460 Office Building *SBP Class:* 10 Classroom/Office
Replacement Cost: \$8,948,460.72 *Cost Per SF:* \$103.18

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1100	0.02	0.0022	\$19,686.61
Ext Walls	0.0900	0.09	0.0081	\$72,482.53
Floors	0.2500	0.16	0.0400	\$357,938.42
Roof	0.4500	0.03	0.0135	\$120,804.21
Ceiling	0.8000	0.05	0.0400	\$357,938.44
Int Walls	0.3000	0.05	0.0150	\$134,226.92
Windows	0.9000	0.02	0.0180	\$161,072.30
Doors	0.6000	0.05	0.0300	\$268,453.84
Cool Vent	0.6000	0.17	0.1020	\$912,743.04
Heat	0.6700	0.00	0.0000	\$0.00
Plumbing	0.4500	0.02	0.0090	\$80,536.15
Electrical	0.0450	0.12	0.0054	\$48,321.68
Convey	0.1000	0.03	0.0030	\$26,845.38
Safety	0.1000	0.01	0.0010	\$8,948.46
AE/OP	0.2872	0.18	0.0517	\$462,599.66

Component Deficiency Total: 0.3389

Outstanding Maintenance: \$3,032,597.66

Facilities Condition Index (FCI): 66.11

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)

Wednesday, August 30, 2006

*Facilities Audit Program
Building Summary*

Building Name: Chemistry

Number: 0150

Construction Date: 1971 *Gross Square Feet:* 168,037 *Net Square Feet:* 153,500

Date of Audit: 01/10/2005 *Cycle:* 5 *Phase:* 2 *No. of Stories:* 3

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

Replacement Cost: \$30,717,751.73 *Cost Per SF:* \$182.80

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2000	0.07	0.0140	\$430,048.53
Ext Walls	0.0800	0.06	0.0048	\$147,445.20
Floors	0.2000	0.07	0.0140	\$430,048.53
Roof	0.3000	0.06	0.0180	\$552,919.54
Ceiling	0.4500	0.03	0.0135	\$414,689.63
Int Walls	0.2000	0.09	0.0180	\$552,919.56
Windows	0.4000	0.02	0.0080	\$245,742.01
Doors	0.3000	0.02	0.0060	\$184,306.51
Cool Vent	0.1800	0.06	0.0108	\$331,751.72
Heat	0.2100	0.07	0.0147	\$451,550.94
Plumbing	0.5500	0.14	0.0770	\$2,365,266.94
Electrical	0.7000	0.07	0.0490	\$1,505,169.82
Convey	0.2200	0.01	0.0022	\$67,579.05
Safety	0.0200	0.02	0.0004	\$12,287.10
AE/OP	0.2504	0.21	0.0526	\$1,615,262.21

Component Deficiency Total: 0.3030

Outstanding Maintenance: \$9,306,987.30

Facilities Condition Index (FCI): 69.70

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)

Monday, August 21, 2006

*Facilities Audit Program
Building Summary*

Building Name: Engr. Res. Center

Number: 1101

Construction Date: 1962 *Gross Square Feet:* 149,915 *Net Square Feet:* 134,490

Date of Audit: 02/07/2005 *Cycle:* 5 *Phase:* 2 *No. of Stories:* 3

Classification: M150 College, Laboratory *SBP Class:* 12 Engineering

Replacement Cost: \$22,840,479.72 *Cost Per SF:* \$152.36

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0800	0.07	0.0056	\$127,906.68
Ext Walls	0.1000	0.06	0.0060	\$137,042.88
Floors	0.2000	0.07	0.0140	\$319,766.72
Roof	0.3000	0.06	0.0180	\$411,128.64
Ceiling	0.5000	0.03	0.0150	\$342,607.19
Int Walls	0.1000	0.09	0.0090	\$205,564.33
Windows	0.7000	0.02	0.0140	\$319,766.70
Doors	0.1500	0.02	0.0030	\$68,521.44
Cool Vent	0.6700	0.06	0.0402	\$918,187.29
Heat	0.6700	0.07	0.0469	\$1,071,218.53
Plumbing	0.1700	0.14	0.0238	\$543,603.43
Electrical	0.9500	0.07	0.0665	\$1,518,891.89
Convey	0.2000	0.01	0.0020	\$45,680.96
Safety	0.0300	0.02	0.0006	\$13,704.29
AE/OP	0.2646	0.21	0.0556	\$1,269,154.06

Component Deficiency Total: 0.3202

Outstanding Maintenance: \$7,312,745.02

Facilities Condition Index (FCI): 67.98

FCI = (I-Component Deficiency Total) x 100

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

*Facilities Audit Program
Building Summary*

Building Name: Natural Resources

Number: 0082

Construction Date: 1975 *Gross Square Feet:* 73,027 *Net Square Feet:* 66,550

Date of Audit: 11/29/2005 *Cycle:* 5 *Phase:* 3 *No. of Stories:* 3

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

Replacement Cost: \$9,529,096.06 *Cost Per SF:* \$130.49

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0500	0.02	0.0010	\$9,529.10
Ext Walls	0.1600	0.04	0.0064	\$60,986.21
Floors	0.3000	0.12	0.0360	\$343,047.46
Roof	0.2000	0.05	0.0100	\$95,290.96
Ceiling	0.5000	0.04	0.0200	\$190,581.92
Int Walls	0.2000	0.06	0.0120	\$114,349.15
Windows	0.2200	0.03	0.0066	\$62,892.03
Doors	0.3000	0.04	0.0120	\$114,349.15
Cool Vent	0.4500	0.10	0.0450	\$428,809.35
Heat	0.5000	0.07	0.0350	\$333,518.36
Plumbing	0.2700	0.07	0.0189	\$180,099.92
Electrical	0.3600	0.11	0.0396	\$377,352.22
Convey	0.2500	0.01	0.0025	\$23,822.74
Safety	0.2000	0.01	0.0020	\$19,058.19
AE/OP	0.2470	0.18	0.0445	\$423,663.64

Component Deficiency Total: 0.2915

Outstanding Maintenance: \$2,777,350.41

Facilities Condition Index (FCI): 70.85

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)

Thursday, August 03, 2006

*Facilities Audit Program
Building Summary*

Building Name: Plant Sciences *Number:* 0092
Construction Date: 1959 *Gross Square Feet:* 81,783 *Net Square Feet:* 71,642
Date of Audit: 12/08/2003 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 2
Classification: M150 College, Laboratory *SBP Class:* 11 *Science*
Replacement Cost: \$9,493,501.49 *Cost Per SF:* \$116.08

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0500	0.07	0.0035	\$33,227.25
Ext Walls	0.0100	0.06	0.0006	\$5,696.10
Floors	0.0100	0.07	0.0007	\$6,645.45
Roof	0.0100	0.06	0.0006	\$5,696.10
Ceiling	0.0200	0.03	0.0006	\$5,696.10
Int Walls	0.0100	0.09	0.0009	\$8,544.15
Windows	0.0100	0.02	0.0002	\$1,898.70
Doors	0.0100	0.02	0.0002	\$1,898.70
Cool Vent	0.1000	0.03	0.0030	\$28,480.50
Heat	0.1000	0.10	0.0100	\$94,935.02
Plumbing	0.1600	0.14	0.0224	\$212,654.43
Electrical	0.0200	0.07	0.0014	\$13,290.90
Convey	0.1100	0.01	0.0011	\$10,442.85
Safety	0.1000	0.02	0.0020	\$18,987.00
AE/OP	0.0472	0.21	0.0099	\$94,099.58

Component Deficiency Total: 0.0571

Outstanding Maintenance: \$542,192.86
Facilities Condition Index (FCI): 94.29

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)

*Facilities Audit Program
Building Summary*

Building Name: Visual Arts

Number: 0151

Construction Date: 1973 *Gross Square Feet:* 91,997 *Net Square Feet:* 86,135

Date of Audit: 02/21/2006 *Cycle:* 5 *Phase:* 3 *No. of Stories:* 1

Classification: M120 Classroom, 2-3 Story *SBP Class:* 13 Fine Arts

Replacement Cost: \$9,149,865.00 *Cost Per SF:* \$99.46

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.02	0.0030	\$27,449.59
Ext Walls	0.2200	0.04	0.0088	\$80,518.81
Floors	0.2000	0.12	0.0240	\$219,596.76
Roof	0.0800	0.05	0.0040	\$36,599.46
Ceiling	0.4000	0.04	0.0160	\$146,397.84
Int Walls	0.3500	0.06	0.0210	\$192,147.16
Windows	0.5000	0.03	0.0150	\$137,247.97
Doors	0.5000	0.04	0.0200	\$182,997.30
Cool Vent	0.7500	0.05	0.0375	\$343,119.94
Heat	0.1200	0.12	0.0144	\$131,758.05
Plumbing	0.3000	0.07	0.0210	\$192,147.17
Electrical	0.0760	0.11	0.0084	\$76,492.87
Safety	0.4000	0.01	0.0040	\$36,599.46
AE/OP	0.1971	0.18	0.0355	\$324,553.05

Component Deficiency Total: 0.2325

Outstanding Maintenance: \$2,127,625.47

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)

Thursday, August 03, 2006

**Facilities Audit Program
Building Summary**

Building Name: Animal Reproduction & Biotechnology Lab *Number:* 1402
Construction Date: 1964 *Gross Square Feet:* 41,288 *Net Square Feet:* 36,048
Date of Audit: 03/21/2005 *Cycle:* 5 *Phase:* 2 *No. of Stories:* 1
Classification: M150 College, Laboratory *SBP Class:* 11 Science
Replacement Cost: \$7,162,031.18 *Cost Per SF:* \$173.47

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0300	0.07	0.0021	\$15,040.27
Ext Walls	0.0500	0.06	0.0030	\$21,486.09
Floors	0.1000	0.07	0.0070	\$50,134.22
Roof	0.2500	0.06	0.0150	\$107,430.47
Ceiling	0.0500	0.03	0.0015	\$10,743.05
Int Walls	0.0300	0.09	0.0027	\$19,337.48
Windows	0.1000	0.02	0.0020	\$14,324.06
Doors	0.0600	0.02	0.0012	\$8,594.44
Cool Vent	0.2000	0.06	0.0130	\$93,106.40
Heat	0.2000	0.06	0.0130	\$93,106.40
Plumbing	0.3200	0.14	0.0448	\$320,858.99
Electrical	0.2250	0.07	0.0158	\$112,802.00
Safety	0.2000	0.02	0.0040	\$28,648.12
AE/OP	0.1250	0.21	0.0263	\$188,078.51
Component Deficiency Total:			0.1513	

Outstanding Maintenance: \$1,083,690.49
Facilities Condition Index (FCI): 84.87

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)

Wednesday, August 30, 2006

**Facilities Audit Program
Building Summary**

Building Name: Auditorium Gymnasium

Number: 0027

Construction Date: 1966

Gross Square Feet: 278,488

Net Square Feet: 231,783

Date of Audit: 09/13/2004 *Cycle:* 5 *Phase:* 2 *No. of Stories:* 2

Classification: M310 Gymnasium, 1 Story

SBP Class: 15 Physical Education

Replacement Cost: \$28,865,531.84

Cost Per SF: \$103.65

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0700	0.04	0.0028	\$80,823.49
Ext Walls	0.2300	0.06	0.0138	\$398,344.31
Floors	0.0800	0.15	0.0120	\$346,386.39
Roof	0.2500	0.18	0.0450	\$1,298,948.98
Ceiling	0.5700	0.01	0.0057	\$164,533.53
Int Walls	0.3000	0.04	0.0120	\$346,386.35
Windows	0.2400	0.02	0.0048	\$138,554.55
Doors	0.4300	0.02	0.0086	\$248,243.57
Cool Vent	0.4000	0.06	0.0240	\$692,772.76
Heat	0.3500	0.05	0.0175	\$505,146.81
Plumbing	0.7000	0.06	0.0420	\$1,212,352.29
Electrical	0.5920	0.07	0.0414	\$1,196,187.66
Convey	0.1500	0.02	0.0030	\$86,596.60
Safety	0.3500	0.03	0.0105	\$303,088.07
AE/OP	0.2431	0.19	0.0462	\$1,333,489.40

Component Deficiency Total: 0.2893

Outstanding Maintenance: \$8,351,854.74

Facilities Condition Index (FCI): 71.07

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)

Wednesday, August 30, 2006

**Facilities Audit Program
Building Summary**

Building Name: Center for Envir Toxicology & Technology *Number:* 1422
Construction Date: 1966 *Gross Square Feet:* 15,209 *Net Square Feet:* 13,585
Date of Audit: 04/15/2007 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 1
Classification: M150 College, Laboratory *SBP Class:* 11 Science
Replacement Cost: \$1,884,527.42 *Cost Per SF:* \$123.91

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1200	0.07	0.0084	\$15,830.03
Ext Walls	0.1400	0.06	0.0084	\$15,830.03
Floors	0.1000	0.07	0.0070	\$13,191.69
Roof	0.3000	0.06	0.0180	\$33,921.49
Ceiling	0.0500	0.03	0.0015	\$2,826.79
Int Walls	0.0500	0.09	0.0045	\$8,480.37
Windows	0.6500	0.02	0.0130	\$24,498.86
Doors	0.3000	0.02	0.0060	\$11,307.16
Cool Vent	0.2500	0.07	0.0175	\$32,979.23
Heat	0.6000	0.06	0.0360	\$67,842.99
Plumbing	0.3000	0.14	0.0420	\$79,150.16
Electrical	0.2210	0.07	0.0155	\$29,153.64
Safety	0.7000	0.02	0.0140	\$26,383.38
AE/OP	0.1918	0.18	0.0345	\$65,051.25

Component Deficiency Total: 0.2263

Outstanding Maintenance: \$426,447.09
Facilities Condition Index (FCI): 77.37

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)

Monday, May 21, 2007

**Facilities Audit Program
Building Summary**

Building Name: Engineering *Number:* 0041
Construction Date: 1957 *Gross Square Feet:* 211,410 *Net Square Feet:* 198,935
Date of Audit: 09/22/2003 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 2
Classification: M120 Classroom, 2-3 Story *SBP Class:* 12 Engineering
Replacement Cost: \$88,463,626.58 *Cost Per SF:* \$418.45

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0500	0.02	0.0010	\$88,463.62
Ext Walls	0.0600	0.04	0.0024	\$212,312.69
Floors	0.1500	0.12	0.0180	\$1,592,345.31
Roof	0.2500	0.05	0.0125	\$1,105,795.35
Ceiling	0.2000	0.04	0.0080	\$707,709.01
Int Walls	0.2000	0.06	0.0120	\$1,061,563.51
Windows	0.1700	0.03	0.0051	\$451,164.49
Doors	0.1800	0.04	0.0072	\$636,938.07
Cool Vent	0.0450	0.08	0.0036	\$318,469.03
Heat	0.0200	0.09	0.0018	\$159,234.53
Plumbing	0.3900	0.07	0.0273	\$2,415,056.93
Electrical	0.0300	0.11	0.0033	\$291,929.96
Convey	0.1000	0.01	0.0010	\$88,463.63
Safety	0.0500	0.01	0.0005	\$44,231.81
AE/OP	0.1037	0.18	0.0187	\$1,651,262.10

Component Deficiency Total: 0.1224

Outstanding Maintenance: \$10,824,940.12

Facilities Condition Index (FCI): 87.76

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)

**Facilities Audit Program
Building Summary**

Building Name: Gifford

Number: 0152

Construction Date: 1975

Gross Square Feet: 92,278

Net Square Feet: 84,174

Date of Audit: 02/09/2004 *Cycle:* 5 *Phase:* 1 *No. of Stories:* 3

Classification: M120 Classroom, 2-3 Story

SBP Class: 10 Classroom/Office

Replacement Cost: \$9,491,678.17

Cost Per SF: \$102.86

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0800	0.02	0.0016	\$15,186.68
Ext Walls	0.1300	0.04	0.0052	\$49,356.72
Floors	0.3000	0.12	0.0360	\$341,700.42
Roof	0.0300	0.05	0.0015	\$14,237.52
Ceiling	0.3000	0.04	0.0120	\$113,900.14
Int Walls	0.3000	0.06	0.0180	\$170,850.21
Windows	0.2000	0.03	0.0060	\$56,950.07
Doors	0.2000	0.04	0.0080	\$75,933.42
Cool Vent	0.3800	0.09	0.0323	\$306,581.20
Heat	0.3300	0.09	0.0281	\$266,241.59
Plumbing	0.4300	0.07	0.0301	\$285,699.52
Electrical	0.4300	0.11	0.0473	\$448,956.38
Convey	0.1000	0.01	0.0010	\$9,491.68
Safety	0.3000	0.01	0.0030	\$28,475.04
AE/OP	0.2300	0.18	0.0414	\$393,040.93

Component Deficiency Total: 0.2715

Outstanding Maintenance: \$2,576,601.52

Facilities Condition Index (FCI): 72.85

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)

Wednesday, August 30, 2006

*Facilities Audit Program
Building Summary*

Building Name: John E. Painter Center for Lab Animals *Number:* 0144
Construction Date: 1980 *Gross Square Feet:* 31,139 *Net Square Feet:* 27,591
Date of Audit: 01/03/2005 *Cycle:* 5 *Phase:* 2 *No. of Stories:* 1
Classification: M330 Hospital, 1-3 Story *SBP Class:* 11 Science
Replacement Cost: \$4,187,706.62 *Cost Per SF:* \$134.48

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2000	0.02	0.0040	\$16,750.83
Ext Walls	0.0300	0.08	0.0024	\$10,050.50
Floors	0.0500	0.12	0.0060	\$25,126.24
Roof	0.2500	0.04	0.0100	\$41,877.07
Ceiling	0.3500	0.03	0.0105	\$43,970.92
Int Walls	0.0500	0.08	0.0040	\$16,750.83
Windows	0.1500	0.01	0.0015	\$6,281.56
Doors	0.2000	0.05	0.0100	\$41,877.07
Cool Vent	0.3700	0.07	0.0259	\$108,461.60
Heat	0.5800	0.02	0.0116	\$48,577.40
Plumbing	0.3200	0.12	0.0384	\$160,807.93
Electrical	0.2400	0.07	0.0168	\$70,353.47
Safety	0.2000	0.03	0.0060	\$25,126.24
AE/OP	0.1471	0.20	0.0294	\$123,202.33

Component Deficiency Total: 0.1765

Outstanding Maintenance: \$739,213.97
Facilities Condition Index (FCI): 82.35

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)

Wednesday, August 30, 2006

**Facilities Audit Program
Building Summary**

Building Name: Spruce Hall

Number: 0064

Construction Date: 1881

Gross Square Feet: 18,738

Net Square Feet: 15,936

Date of Audit: 12/04/2006 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 2

Classification: M460 Office Building

SBP Class: 16 Office

Replacement Cost: \$2,031,575.83

Cost Per SF: \$108.42

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2000	0.02	0.0040	\$8,126.30
Ext Walls	0.1500	0.09	0.0135	\$27,426.27
Floors	0.2000	0.16	0.0320	\$65,010.43
Roof	0.3500	0.03	0.0105	\$21,331.55
Ceiling	0.1500	0.05	0.0075	\$15,236.82
Int Walls	0.1700	0.05	0.0085	\$17,268.40
Windows	0.2000	0.02	0.0040	\$8,126.30
Doors	0.2000	0.05	0.0100	\$20,315.76
Cool Vent	0.2600	0.09	0.0221	\$44,897.82
Heat	0.1900	0.09	0.0161	\$32,809.95
Plumbing	0.1800	0.02	0.0036	\$7,313.67
Electrical	0.3120	0.12	0.0374	\$76,062.20
Convey	0.1300	0.03	0.0039	\$7,923.15
Safety	0.2000	0.01	0.0020	\$4,063.15
AE/OP	0.1752	0.18	0.0315	\$64,064.12

Component Deficiency Total: 0.2067

Outstanding Maintenance: \$419,975.90

Facilities Condition Index (FCI): 79.33

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)

Monday, May 14, 2007

STEAM & CONDENSATE

 AVERY

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

A. AGENCY BASIC DATA:

Controlled Maintenance Request

Capital Renewal Building/Infrastructure Request

- 1) Agency Colorado State University
- 2) Department Higher Education
- 3) Physical Plant ID No. 2-01 Project M # _____
- 4) Agency Priority # 1
- 5) Project Title Replace Deteriorated Steam and Condensate – North Line, Phase 3 of 3

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) Steam and Condensate
 or Site (Improvements above ground) _____
 or Building Name (s) _____
 Risk Mgmt. Bldg(s) ID# _____
- 2) Facility Location Main Campus
- 3) Facility Area/Age GSF _____ ASF _____ Date Built _____
- 4) Facility Functional Use/Occupancy _____
- 5) Facility Construction (Type) _____
- 6) Facility Physical Condition and Facility Condition Index (FCI) Number
Actual FCI = _____ Targeted FCI = _____ Date of Last Audit _____
(Describe) _____
- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year) 24/31/12
- 8) Facility - Current Replacement Value \$ _____
- 9) Master Plan Status - Check one or more of the following:
- a) Facility 'useful' life is less than five (5) years.
- b) Facility 'useful' life is more than five (5) years.
- c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CCHE)
- d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- | | | |
|---|-------------|-------------|
| a) Facility Audit Survey concluded and submitted to SBREP - | Date | <u>2005</u> |
| b) Status of the Infrastructure Assessment. | % Completed | <u>50</u> |
| c) Facility Audit Survey Cycle | <u>5/2</u> | |

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase): This section of the steam and condensate system is over 60 years old and the piping was designed for 10 PSI steam pressure. This creates a safety hazard if a pressure reduction valve should fail since the Heating Plant is providing 125-PSI steam. The new lines will be rated at 125 PSI and will deliver 60 PSI to match the rest of the campus system.

2) Total Project Cost Estimate (From Cost Breakdown) \$ \$2,599,406

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request: A failure in these lines would cause a total loss of heat to 8 buildings in the center of campus.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 3
 3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	\$0

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
a) Utility Services			
New trench – Ammons to Rockwell	LF	\$620	\$471,200
Piping – Ammons to Rockwell	LF	\$387	\$294,120
Compressed air	LF	\$15.74	\$12,277
Additional Costs see attached.		\$552,700	\$552,700
Total of Construction Improvements Costs			\$1,300,297

6) Miscellaneous (explain)

Total of Miscellaneous Costs		\$0

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$130,030
--	-----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$1,430,327
---	-------------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$2,599,406
---	-------------

Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	2-01	FY 2006/2007	1	\$490,415

\$ 490,415 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	2-01	FY 2007/2008	2	\$678,664

\$ 678,664 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	2-01	FY 2009/2010	3	\$1,430,327
		FY 2010/2011		

\$1,430,327 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 2,599,406
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	July 06	Dec 06
2. Design (Insert Dates)	Dec 06	May 07
3. Construction (Insert Dates)	May 07	May 08
4. Project Close-out/Final Completion	May 09	July 10

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

ditesco

Project and Construction Services

3155 Rookery Road
Fort Collins, CO 80528
970.988.8605
970.204.1673 fax

Delivered via email

August 27, 2008

Dewey Wearne
Assistant Project Manager
Facilities Management
Colorado State University
Fort Collins, CO 80523-6030

RE: Verification of CMO3 Funds Request for Steam and Condensate – North Line Replacement
State Project #M06056
CSU Project #05-040

Dear Dewey:

This letter follows on our recent discussions regarding an updated CMO3 funds request for the Replace Deteriorated Steam and Condensate – North Line Project (#05-040). This letter is a continuation of the additional funds request prepared on August 13, 2007.

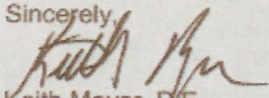
As you know, the North Steam Line Project Segments 2, 3 and 4 have been constructed. Segments 1 and 5 remain and have been delayed due to lack of funding appropriations. The appropriation originally expected in FY 2008/09 was to be \$801,689. In addition to this, the project was requesting another \$400,000 to cover the cost of steel inflation from 2004 to 2007 and other project changes encountered during construction of Phase 1 and 2. This resulted in an overall budget request of approximately \$1.2 million. With the delay in funding, material costs for Phase 3 (Segments 1 & 5) continue to rise thereby creating another deficit in the construction budget.

Steel costs have continued to steadily rise over the past year and are, on average approximately 10 to 12% higher. The material portion of the overall project budget is approximately 30% of the total budget or \$360,000. With this, our additional funding request should include another \$43,200 (12% of \$360,000) bringing our total budget to \$1,257,097 plus \$43,200 or **\$1,300,297**.

While not direct correlation, the attached ENR summary report for pipe product increases supports the referenced increase. This comparable is for ductile iron. As referenced above, steel has also witnessed these types of price increases.

Please let me know if you have any questions or I can provide further information.

Sincerely,



Keith Meyer, P.E.
Contract Project Manager

Cc: file

Construction Economics

Cost Indexes



Construction Cost Index

Labor costs gave the CCI its biggest boost this month, as the annual increase for the CCI rose from 4.2% to 4.4%.

20-CITY: 1913=100	AUG. 2008 INDEX VALUE	% CHG. MONTH	% CHG. YEAR
CONSTRUCTION COST	8361.74	+0.5	+4.4
COMMON LABOR	17398.95	+1.0	+3.4
WAGE \$/HR.	33.06	+1.0	+3.4

Building Cost Index

The year-to-year increase for the BCI slipped from 5.1% last month to 4.8% in August.



20-CITY: 1913=100	AUG. 2008 INDEX VALUE	% CHG. MONTH	% CHG. YEAR
BUILDING COST	4733.44	+0.2	+4.8
SKILLED LABOR	7860.96	+0.2	+2.7
WAGE \$/HR.	43.63	+0.2	+2.7

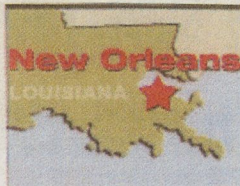


Materials Cost Index

Steel prices increased just 0.6% this month, following strong gains during the previous four months.

20-CITY: 1913=100	AUG. 2008 INDEX VALUE	% CHG. MONTH	% CHG. YEAR
MATERIALS	2822.80	+0.3	+8.2
CEMENT \$/TON	100.39	0.0	+0.2
STEEL \$/CWT	46.87	+0.6	+15.3
LUMBER \$/MBF	427.53	-0.4	-3.4

Weak Lumber Prices Undercut Cost Indexes



Building costs in New Orleans are increasing one percentage point less than the national average. ENR's building cost index for the city is up 3.7% for the year, compared to a 4.8% increase nationwide. Lumber prices in the New Orleans index fell 16% from August 2007, following declines of 6% last year and 8% in 2006. Cement price rose just 0.6% this year, following an 8% increase over the previous two years.

Cost Indexes by City

1913=100 CITY	CONSTRUCTION COST		BUILDING COST		COMMON LABOR		SKILLED LABOR		MATERIALS	
	AUG. '08 INDEX	% CHG. YEAR	AUG. '08 INDEX	% CHG. YEAR	AUG. '08 INDEX	% CHG. YEAR	AUG. '08 INDEX	% CHG. YEAR	AUG. '08 INDEX	% CHG. YEAR
ATLANTA	5397.48	+2.5	3763.75	+3.6	9707.89	0.0	5415.62	0.0	2755.61	-8.2
BALTIMORE	5765.27	+8.2	4253.20	+4.4	10600.00	+4.9	6629.43	-1.2	2802.05	+9.5
BIRMINGHAM	5833.85	+4.6	3561.91	+5.6	11094.74	+4.5	5120.72	+6.3	2699.12	+4.8
BOSTON	10120.42	+3.6	5541.41	+3.0	22236.84	+2.5	10290.00	+0.3	2694.22	+9.8
CHICAGO	11290.90	+1.3	5735.01	+2.7	24878.95	0.0	10271.47	0.0	2962.74	+8.8
CINCINNATI	7940.97	+4.6	4218.39	+6.3	16492.11	+3.6	6704.50	+4.9	2699.96	+8.5
CLEVELAND	9726.17	+14.2	4706.64	+7.2	21305.26	15.0	8111.71	+5.5	2629.31	+10.5
DALLAS	5124.26	+2.9	3629.65	+4.1	8700.00	0.0	4772.97	0.0	2902.69	+8.5
DENVER	5892.17	+2.1	3690.02	+3.2	10831.58	0.0	5569.97	0.0	2664.79	+7.3
DETROIT	9162.02	+2.8	5024.53	+2.4	19647.37	+2.0	8770.57	+0.5	2735.52	+6.3
KANSAS CITY	9421.57	+8.5	5165.47	+9.8	19615.79	+7.7	8426.43	+8.5	3173.50	+11.9
LOS ANGELES	9342.44	+5.4	4963.21	+5.3	18936.84	+4.8	5423.42	+3.8	2849.10	+8.2
MINNEAPOLIS	9760.67	+6.4	4979.73	+5.7	21257.89	+5.6	8687.89	+3.4	2713.96	+10.6
NEW ORLEANS	4654.50	+1.6	3410.56	+3.7	7763.16	0.0	4495.50	+3.0	2749.20	+4.4
NEW YORK	13028.37	+4.7	6900.93	+4.9	29265.79	+4.0	13157.96	+3.5	3076.40	+8.9
PHILADELPHIA	9991.70	+3.7	5587.97	+4.2	21652.63	+2.6	10076.88	+2.0	2844.68	+9.1
PITTSBURGH	7735.32	+5.0	4627.85	+6.7	15550.00	+3.7	7381.98	+5.0	2945.67	+9.3
ST. LOUIS	8992.31	+3.0	4642.36	+4.9	19294.74	+1.5	7857.66	+2.4	2577.92	+9.9
SAN FRANCISCO	9292.92	+2.4	5320.60	+6.7	19778.95	+0.8	9337.54	+5.1	2966.00	+10.0
SEATTLE	8761.59	+1.6	4744.50	+2.9	18368.42	0.0	7907.21	0.0	2873.54	+8.2
MONTREAL	8796.82	+4.5	4965.11	+6.3	17650.00	+3.0	7682.28	+4.3	3305.84	+9.4
TORONTO	9555.05	+2.1	5055.67	+4.0	19373.68	0.0	7542.94	0.0	3537.18	+9.7

Sewer, Water and Drain Pipe

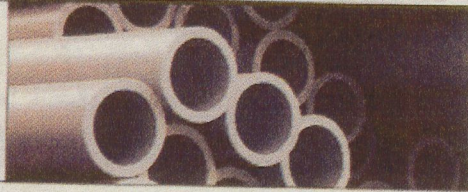
ITEM	UNIT	ATLANTA	BALTIMORE	BIRMINGHAM	BOSTON	CHICAGO	CINCINNATI	CLEVELAND	DALLAS	DENVER	DETROIT	KANSAS CITY
REINFORCED CONCRETE PIPE (RCP):												
12"	ft	11.80	25.30	11.08	9.35	10.40	15.75	9.10	+12.75	12.42	12.50	12.70
24"	ft	29.90	90.40	25.93	22.10	22.45	27.95	21.00	+27.67	22.35	36.55	27.00
36"	ft	51.07	99.75	52.34	48.50	45.20	67.75	44.80	+57.00	52.73	74.75	63.80
48"	ft	82.00	166.06	85.42	73.20	71.60	114.67	72.00	+85.58	81.10	112.45	93.70
CORRUGATED STEEL PIPE:												
12"	ft	8.51	+10.44	7.52	8.34	8.74	-6.95	6.70	8.04	7.70	6.00	10.26
36"	ft	23.78	+30.42	23.68	27.38	20.70	+23.45	19.85	23.78	25.18	28.23	28.69
60"	ft	54.20	+62.50	48.50	63.89	77.35	+52.72	54.00	68.00	67.39	61.80	77.92
VITRIFIED CLAY PIPE (VCP): PREMIUM JOINT												
12"	ft	12.40	16.75	13.40	15.50	12.50	12.74	12.50	--	--	14.50	7.60
24"	ft	66.00	62.00	67.00	63.00	60.50	68.73	59.75	--	--	60.75	33.38
POLYETHYLENE PIPE (PE): UNDERDRAIN												
4"	ft	+1.30	--	0.65	0.80	2.07	0.70	0.59	1.30	1.23	0.48	--
POLYVINYLCHLORIDE PIPE (PVC): SEWER												
4"	ft	+1.95	+3.71	1.90	1.59	2.52	1.20	1.40	2.19	1.98	1.58	1.50
8"	ft	+5.57	3.82	7.64	4.48	7.70	4.80	5.47	4.42	7.84	4.33	4.85
Water 6"	ft	+5.96	+2.62	4.26	6.20	8.50	4.49	4.97	5.20	6.15	6.23	2.53
8"	ft	+9.31	+4.70	7.64	10.99	8.89	7.40	7.15	6.35	9.38	11.78	4.55
12"	ft	+18.24	+10.57	17.21	21.97	19.04	15.82	15.05	14.12	15.92	23.48	11.10
DUCTILE IRON PIPE (DIP):												
6"	ft	+10.57	18.50	10.37	13.40	+14.00	17.94	12.05	14.45	10.50	15.63	13.00
8"	ft	15.14	44.22	14.38	18.32	+19.45	35.44	16.80	18.79	17.00	21.50	18.00
12"	ft	+24.15	54.63	24.29	28.00	+33.29	46.37	26.28	31.00	26.30	34.70	30.25
COPPER WATER TUBING: TYPE L												
1/2"	ft	2.25	-1.29	1.82	1.70	2.13	-1.29	2.27	2.22	1.85	2.64	3.50
1 1/2"	ft	3.30	-5.50	4.85	5.38	4.70	-5.50	6.20	4.90	4.07	3.78	+14.93

+ or - denotes price has risen or fallen since previous report; b-meters, includes federal tax; b-meters, excludes tax; c=1.5 meters. Monthly market quotations by ENR field reporters as of Aug. 8, 2008. All prices are spot prices quoted from a single source. Quotes are delivered prices unless noted. Some prices may include taxes or discounts for prompt payment, etc. Product specification may vary, depending on what is most commonly used or most accessible in a city. All quantities are truckloads unless noted. Quotes for Montreal and Toronto are in Canadian dollars and a mix of metric and American units. RCP pipe is ASTM C76; 12 in. and 24 in. are rubber-gasket jointed; others are non-gasketed. Corrugated steel pipe.

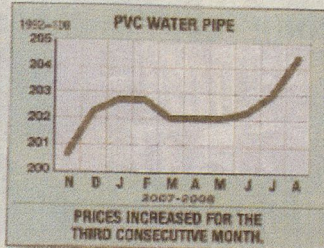
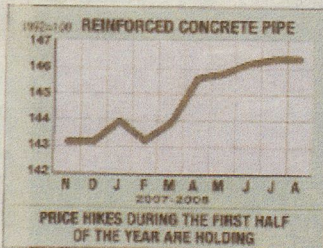
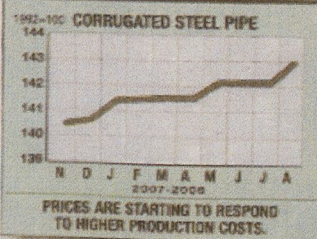
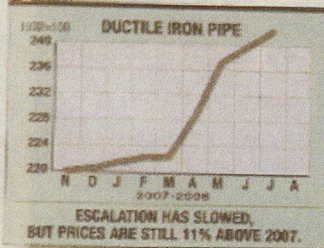
Softer Markets Dampen Pipe Price Escalation

The depressed housing market is cutting demand for much of the small-diameter pipe used in residential construction, tracked by ENR. However, higher production costs in some cases are nudging prices up despite lackluster demand. Prices for ductile iron pipe

tracked by ENR are up between 7% and 11% from a year ago, due primarily from the spike in raw-material prices. In the PVC water and sewer pipe markets, weak demand is trumping high oil costs and the annual price increases for PVC pipe are just about 2%.



ENR's Materials Price Indexes



SOURCE: MCGRAW-HILL CONSTRUCTION RESEARCH & ANALYTICS/ENR

20-City Average

ITEM	UNIT	PRICE	% CHG. MO.	% CHG. YEAR
REINFORCED CONCRETE PIPE (RCP):				
12"	ft	12.83	+0.1	+2.6
24"	ft	25.00	0.0	+2.3
36"	ft	53.83	+0.1	+2.5
48"	ft	57.22	0.0	+3.0
CORRUGATED STEEL PIPE:				
12"	ft	8.42	+0.2	+2.3
36"	ft	25.90	+0.6	+1.9
60"	ft	66.46	+0.5	-1.7
VITRIFIED CLAY PIPE (VCP): PREMIUM JOINT				
12"	ft	14.61	0.0	+5.3
24"	ft	55.89	0.0	-2.1
POLYETHYLENE PIPE (PE): UNDERDRAIN				
4"	ft	0.96	+0.4	+2.2
POLYVINYLCHLORIDE PIPE (PVC): SEWER				
4"	ft	1.72	+2.7	+5.4
8"	ft	5.30	+0.1	+0.1
Water, 6"	ft	5.57	+0.7	+1.9
8"	ft	8.59	+0.7	+2.1
12"	ft	18.40	+0.7	+2.2
DUCTILE IRON PIPE (DIP):				
6"	ft	14.02	+0.1	+9.0
8"	ft	20.79	0.0	+10.5
12"	ft	32.04	+0.1	+7.1
COPPER WATER TUBING: TYPE L				
1/2"	ft	2.09	-1.0	+2.6
1 1/2"	ft	5.62	-0.5	+1.7

Canada

ITEM	UNIT	LOS ANGELES	MINNEAPOLIS	NEW ORLEANS	NEW YORK	PHILADELPHIA	PITTSBURGH	ST. LOUIS	SAN FRANCISCO	SEATTLE	MONTREAL	TORONTO
REINFORCED CONCRETE PIPE (RCP):												
12"	ft	11.78	19.98	10.91	--	+8.90	12.00	9.00	12.02	12.09	67.50a	49.10a
24"	ft	24.18	35.00	25.34	--	+14.80	21.35	17.30	24.86	25.00	206.40a	95.40a
36"	ft	51.38	73.00	52.48	--	+28.10	45.80	31.90	52.02	50.97	421.90a	260.20a
48"	ft	82.96	125.80	84.70	--	+45.00	72.80	55.30	83.89	88.13	694.80a	430.60a
CORRUGATED STEEL PIPE:												
12"	ft	7.99	10.23	8.82	--	5.87	6.95	9.11	8.03	11.82	--	35.27a
36"	ft	25.02	36.25	23.47	--	29.70	19.77	23.92	25.54	33.30	--	123.10a
60"	ft	63.11	92.60	52.08	--	50.00	57.00	52.90	63.89	88.58	236.40	309.41a
VITRIFIED CLAY PIPE (VCP): PREMIUM JOINT												
12"	ft	13.60	14.60	--	--	28.00	8.66	14.50	13.74	16.10	16.30	16.50
24"	ft	50.46	46.00	--	--	62.00	43.35	45.00	50.71	55.61	70.00	60.75
POLYETHYLENE PIPE (PE): UNDERDRAIN												
4"	ft	0.89	0.64	1.42	--	1.06	0.35	0.65	0.91	1.30	--	0.35a
POLYVINYLCHLORIDE PIPE (PVC): SEWER												
4"	ft	1.68	1.18	1.73	--	1.33	1.26	1.15	1.79	1.55	6.69 b	9.89
8"	ft	5.50	4.53	4.70	--	5.59	4.29	4.27	5.40	5.38	22.50b	33.34
Water 6"	ft	5.25	5.63	5.84	--	7.30	6.66	5.37	5.30	6.32	36.40b	49.70
8"	ft	8.35	9.78	8.58	--	12.77	11.16	9.12	8.39	8.47	47.72b	83.30
12"	ft	17.94	20.67	18.74	--	28.00	20.64	19.58	18.06	17.15	108.31b	132.00
DUCTILE IRON PIPE (DIP):												
6"	ft	12.20	13.45	14.97	--	14.33	12.62	13.38	12.31	15.65	40.55	91.00a
8"	ft	18.06	18.58	19.16	--	20.17	17.22	18.38	18.25	18.50	59.06	38.02a
12"	ft	28.94	30.60	28.15	--	30.26	28.11	30.60	30.40	25.74	89.49	63.86a
COPPER WATER TUBING: TYPE L												
1/2"	ft	1.99	2.80	1.72	--	1.70	1.65	2.10	2.04	2.49	8.73	5.18
1 1/2"	ft	4.87	7.80	3.97	--	5.48	4.05	8.00	4.99	5.12	30.00	21.38

a: steel galvanized; 12 in. is 16 gauge, 36 in. is 14 gauge, 60 in. is 12 gauge. VCP pipe is ASTM C700, ES. PE pipe is M252, perforated and corrugated. PVC sewer pipe is ASTM D-3034, SCR-35. PVC water pipe is C900, CL 150. DIP pipe is CL 150 with a push-on joint. Copper water tubing pipe is hard and L.D. The above prices are not intended to represent the prevailing or average price in a city but are designed to track price movement from a single source for a given product quantity and specification over time. Prices for PVC sewer 4" and 8" and PVC water 6", 8" and 12" for Toronto are per meter.

UTILITY AUDIT SUMMARY FY07

ALL CAMPUSES

G:\UTILITY\Audits - Utility\Summary of Audit Values and Unit Costs\All Campuses - Utility Audit Summary FY07.xls\All Campuses FY07

Revision No. 1

28-Aug-08

Utility Audit Summary

Audit Update: Jan-07	Renewal Cost:	\$ 29,879,592
No. of Years in Update: 3.00	Average Deterioration & Inflation Rate: 10.0%	
Original Audit Date: July-01		
Prior Audit Cost Update: May-04		
Average Condition Index ** 0.67	Replacement Value:	\$ 91,248,411
	Average Construction Inflation Rate: 3.0%	

Utility System	2001 Replacement Value	2001 Condition Index **	2001 Renewal Cost
ELECTRIC	\$ 3,755,700	0.85	\$ 557,580
DISTRICT HEATING			
Steam	\$ 5,754,800	0.40	\$ 3,454,500
Condensate	\$ 2,353,200	0.40	\$ 1,406,600
Tunnel	\$ 26,202,800	0.90	\$ 2,496,300
Heating Plant System	\$ 16,115,000	0.56	\$ 7,102,000
Subtotal	\$ 50,425,800	0.71	\$ 14,459,400
DISTRICT COOLING			
Pipes	\$ 2,393,400	0.96	\$ 97,000
Plant Equipment	\$ 3,566,600	0.95	\$ 178,330
Subtotal	\$ 5,960,000		\$ 275,330
NATURAL GAS/PROPANE	\$ 663,700	0.35	\$ 431,200
WATER	\$ 5,074,300	0.77	\$ 1,161,200
SANITARY	\$ 3,546,500	0.72	\$ 1,002,600
STORMWATER	\$ 5,625,000	0.75	\$ 1,425,000
IRRIGATION	\$ 1,386,800	0.35	\$ 907,600
COMPRESSED AIR	\$ 1,105,100	0.43	\$ 626,200
Total	\$ 77,542,900	0.73	\$ 20,846,110

 AVERY

SANTARY SEWER

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

A. AGENCY BASIC DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**

- 1) Agency Colorado State University
- 2) Department Higher Education
- 3) Physical Plant ID No. 16-00 Project M # _____
- 4) Agency Priority # 1
- 5) Project Title Sanitary Sewer Improvements, Main Campus – Phase 2 of 3

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) _____
 Risk Mgmt. Bldg(s) ID# _____

- 2) Facility Location Main Campus
- 3) Facility Area/Age GSF _____ ASF _____ Date Built _____
- 4) Facility Functional Use/Occupancy _____
- 5) Facility Construction (Type) _____
- 6) Facility Physical Condition and Facility Condition Index (FCI) Number
Actual FCI = _____ Targeted FCI = _____ Date of Last Audit _____
(Describe) _____

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year) 24/31/12

8) Facility - Current Replacement Value \$ _____

- 9) Master Plan Status - Check one or more of the following:
 - a) Facility 'useful' life is less than five (5) years.
 - b) Facility 'useful' life is more than five (5) years.
 - c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CCHE)
 - d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- a) Facility Audit Survey concluded and submitted to SBREP - Date _____
- b) Status of the Infrastructure Assessment. % Completed 50
- c) Facility Audit Survey Cycle _____

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase): The lower end of the "C" basin is overloaded and there is excessive groundwater infiltration. Many sections of the "C" basin collection mains have excessive groundwater infiltration and the manholes need rehabilitation. The line size of the lower section of the system will be increased using pipe expansion technology. Slip lining will repair the collection lines. Old brick manholes will be replaced with precast concrete units.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 2,035,532

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request: Further deterioration of the sewer mains and manholes may cause portions of the lines to collapse, resulting in back-ups in buildings and overflow from manholes. Groundwater infiltration decreases system capacity, and also causes back-ups.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2006/2007		\$639,852

\$ 639,852 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	16-00	FY 2009/2010	2	\$697,840

\$697,840 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	16-00	FY 2010/2011	3	\$697,840

\$ 697,840 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 2,035,532
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	<u>July 06</u>	<u>Dec 06</u>
2. Design (Insert Dates)	<u>Dec 06</u>	<u>May 07</u>
3. Construction (Insert Dates)	<u>May 07</u>	<u>May 10</u>
4. Project Close-out/Final Completion	<u>May 11</u>	<u>July 11</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

UTILITY AUDIT SUMMARY FY07 ALL CAMPUSES

G:\UTILITY\Audits - Utility\Summary of Audit Values and Unit Costs\All Campuses - Utility Audit Summary FY07.xls\All Campuses FY07

Revision No. 1

28-Aug-08

Utility Audit Summary			
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Prior Audit Cost Update:	May-04	Replacement Value:	\$ 91,248,411
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Utility System	2001 Replacement Value	2001 Condition Index **	2001 Renewal Cost
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Steam	\$ 5,754,800	0.40	\$ 3,454,500
Condensate	\$ 2,353,200	0.40	\$ 1,406,600
Tunnel	\$ 26,202,800	0.90	\$ 2,496,300
Heating Plant System	\$ 16,115,000	0.56	\$ 7,102,000
Subtotal	\$ 50,425,800	0.71	\$ 14,459,400
DISTRICT COOLING			
Pipes	\$ 2,393,400	0.96	\$ 97,000
Plant Equipment	\$ 3,566,600	0.95	\$ 178,330
Subtotal	\$ 5,960,000		\$ 275,330
NATURAL GAS/PROPANE	\$ 663,700	0.35	\$ 431,200
WATER	\$ 5,074,300	0.77	\$ 1,161,200
SANITARY	\$ 3,546,500	0.72	\$ 1,002,600
STORMWATER	\$ 5,625,000	0.75	\$ 1,425,000
IRRIGATION	\$ 1,386,800	0.35	\$ 907,600
COMPRESSED AIR	\$ 1,105,100	0.43	\$ 626,200
Total	\$ 77,542,900	0.73	\$ 20,846,110

AVERY

REPLACE ROOFING

OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**
 HPCP required in Capital Renewal Request (Y/N)
 (on CC-A specify HPCP compliance)

- 1) Agency Colorado State University
 2) Department Higher Education
 3) Physical Plant ID No. 00-002 Project M # _____
 4) Agency Priority # 1
 5) Project Title Replace Failed Roofing Phase 1 of 2

B. FACILITY PROFILE

1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) See below
 Risk Mgmt. Bldg(s) ID# See below

- 2) Facility Location See below
 3) Facility Area/Age GSF See below ASF See below Date Built See below
 4) Facility Functional Use/Occupancy See below
 5) Facility Construction (Type) See below
 6) Facility Physical Condition and Facility Condition Index (FCI) Number See below

Actual FCI = See below Targeted FCI = See below Date of Last Audit See below

(Describe)	Risk	GSF	ASF	Date Built	Occupancy	Const. Type	FCI
VTH	3445	137,233	125,020	1979	Vet Medicine	II-FR	72.09
Horse Barn	3444	45,194	42,312	1979	Vet Medicine	II-FR	70.98
Microbiology	3310	85,131	76,830	1968	Science	II-FR	77.02
Student Services	3254	36,717	31,412	1948	Office	II-FR	74.88
Painter	3338	31,139	27,591	1980	Animal Science	II-FR	80.47
Chemistry	3339	168,037	153,007	1971	Bio Science	II-FR	71.23

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
12/21/12

- 8) Facility - Current Replacement Value \$ VTH - \$23,456,002, Horse Barn - \$3,926,459, Microbiology
 \$3,915,626, Student Services - \$3,915,626, Painter -
 \$4,257,642, Chemistry - \$31,230,735

**OFFICE OF THE STATE ARCHITECT
CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS PROGRAMS**

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

- a) Facility 'useful' life is less than five (5) years.
 - b) Facility 'useful' life is more than five (5) years.
 - c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CDHE)
 - d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)
-

OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS

10) Facility Audit Survey:

a) Facility Audit Survey concluded and submitted to SBP -	Date	<u>01/2008</u>
b) Status of the Infrastructure Assessment.	% Completed	<u>100</u>
c) Facility Audit Survey Cycle	<u>6/2</u>	

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
<u>P0622</u>	<u>Veterinary Teaching Hospital, Mechanical and Fire Sprinklers</u>	<u>In Closeout</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

VTH and the Horse Barn were constructed in 1979. The roofing is built-up asphalt and has never been replaced. The membrane is cracked, the flashings are bad and the insulation is saturated with water.

Center section of Microbiology has an EPDM roof. The existing roofing was installed in 1988 and is beyond life expectancy. The seams are opening and flashing is torn.

Student Services has an EPDM installed in 1981 with the same problems.

Painter Center has two different roofing types. The west side is EPDM that was installed in 1988. The east side is built-up asphalt that was installed when the building was constructed in 1980.

Chemistry has built-up asphalt roofing that was installed in 1981 with the same problems.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 3,377,550

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

As roofs fail we will continue to have leaks into laboratories, classrooms, and office areas below. With no swing space available this will cause loss of use to these areas.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

Life expectancy of new roofing would be 20 years. The roofing component would increase to 95 – 100 improving the overall facility condition index on each building.

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 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 1
 3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$180,000
Code Review/Inspection	\$35,000
Other (Explain)	
Total of Professional Services	\$215,000

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Infrastructure			
a) Utility Services			
b) Site Improvements			
Structure/System/Components			
Other(explain)			
VTH	660 Sq.	\$1500	\$990,000
Horse Barn	404 Sq.	\$1500	\$606,000
Total of Construction Improvements Costs			\$1,596,000

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$181,100
--	-----------

8) Project or Phase total of professional services (4), construction improvements(5), miscellaneous costs(6), and project contingency(7)	\$1,992,100
--	-------------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$3,377,550
---	-------------

Note: Agency formatted cost estimates may accompany this page.

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 STATE BUILDINGS PROGRAMS**

DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 2
 3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Infrastructure			
a) Utility Services			
b) Site Improvements			
Structure/System/Components			
Other(explain)			
Microbiology	97 Sq.	\$1500	\$145,000
Student Services	135 Sq.	\$1500	\$202,500
Painter Center	152 Sq.	\$1500	\$229,500
Chemistry	455 Sq.	\$1500	\$682,500
Total of Construction Improvements Costs			\$1,259,500

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$125,950
--	-----------

8) Project or Phase total of professional services (4), construction improvements(5), miscellaneous costs(6), and project contingency(7)	\$1,385,450
--	-------------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$3,377,550
---	-------------

Note: Agency formatted cost estimates may accompany this page.

OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS
 E. PROPOSED PHASING
 PRIOR PHASING¹

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2006/2007		
		FY 2006/2007		
		FY 2007/2008		
		FY 2008/2009		

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	1	\$1,992,100

\$ 1,992,100 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2010/2011	2	\$1,385,450
		FY 2011/2012		
		FY 2012/2013		
		FY 2013/2014		

\$ 1,385,450 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 3,377,550
 (Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.
² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

OFFICE OF THE STATE ARCHITECT
CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS PROGRAMS

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	_____	_____
2. Design (Insert Dates)	July 09	Dec 09
3. Construction (Insert Dates)	Jan 10	May 10
4. Project Close-out/Final Completion	May 10	Dec 10

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**Facilities Audit Program
Building Summary**

Building Name: James L. Voss Vet. Teaching Hospital **Number:** 0555
Construction Date: 1979 **Gross Square Feet:** 137,233 **Net Square Feet:** 125,020
Date of Audit: 03/07/2006 **Cycle:** 5 **Phase:** 3 **No. of Stories:** 2
Classification: M330 Hospital, 1-3 Story **SBP Class:** 41 Hospital or Infirmary
Replacement Cost: \$23,456,001.59 **Cost Per SF:** \$170.92

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0800	0.02	0.0016	\$37,529.60
Ext Walls	0.1500	0.08	0.0120	\$281,472.02
Floors	0.2500	0.12	0.0300	\$703,680.03
Roof	0.5000	0.04	0.0200	\$469,120.02
Ceiling	0.2500	0.03	0.0075	\$175,920.01
Int Walls	0.1000	0.08	0.0080	\$187,648.01
Windows	0.1200	0.01	0.0012	\$28,147.20
Doors	0.2500	0.05	0.0125	\$293,200.02
Cool Vent	0.7800	0.07	0.0546	\$1,280,697.65
Heat	0.4800	0.02	0.0096	\$225,177.61
Plumbing	0.4700	0.12	0.0564	\$1,322,918.46
Electrical	0.1800	0.07	0.0126	\$295,545.61
Convey	0.0600	0.02	0.0012	\$28,147.20
Safety	0.1800	0.03	0.0054	\$126,662.41
AE/OP	0.2326	0.20	0.0465	\$1,091,173.17

Component Deficiency Total: 0.2791

Outstanding Maintenance: \$6,547,038.94
Facilities Condition Index (FCI): 72.09

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)

**Facilities Audit Program
Building Summary**

Building Name: Horse Barn and Animal Food Barn **Number:** 0554
Construction Date: 1979 **Gross Square Feet:** 45,194 **Net Square Feet:** 42,312
Date of Audit: 02/25/2008 **Cycle:** 6 **Phase:** 2 **No. of Stories:** 1
Classification: M410 Medical Office **SBP Class:** 41 Hospital or Infirmary
Replacement Cost: \$3,926,495.39 **Cost Per SF:** \$86.88

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1000	0.04	0.0040	\$15,705.98
Ext Walls	0.3000	0.10	0.0300	\$117,794.87
Floors	0.3000	0.11	0.0330	\$129,574.35
Roof	0.4500	0.03	0.0135	\$53,007.69
Ceiling	0.2000	0.02	0.0040	\$15,705.98
Int Walls	0.1000	0.11	0.0110	\$43,191.45
Doors	0.3000	0.08	0.0240	\$94,235.89
Cool Vent	0.6300	0.05	0.0315	\$123,684.61
Heat	0.5900	0.06	0.0354	\$138,997.93
Plumbing	0.3200	0.08	0.0256	\$100,518.28
Electrical	0.5967	0.05	0.0298	\$117,146.99
Safety		0.03		
AE/OP	0.2418	0.20	0.0484	\$189,912.81

Component Deficiency Total: 0.2902

Outstanding Maintenance: \$1,139,476.82
Facilities Condition Index (FCI): 70.98

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)

Facilities Audit Program Building Summary

Building Name: Microbiology **Number:** 0120
Construction Date: 1968 **Gross Square Feet:** 85,131 **Net Square Feet:** 76,830
Date of Audit: 02/12/2007 **Cycle:** 6 **Phase:** 1 **No. of Stories:** 4
Classification: M150 College, Laboratory **SBP Class:** 11 Science
Replacement Cost: \$15,009,080.55 **Cost Per SF:** \$176.31

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0500	0.07	0.0035	\$52,531.78
Ext Walls	0.2500	0.06	0.0150	\$225,136.20
Floors	0.2500	0.07	0.0175	\$262,658.91
Roof	0.6000	0.06	0.0360	\$540,326.86
Ceiling	0.3000	0.03	0.0090	\$135,081.73
Int Walls	0.1500	0.09	0.0135	\$202,622.60
Windows	0.2000	0.02	0.0040	\$60,036.32
Doors	0.2600	0.02	0.0052	\$78,047.21
Cool Vent	0.2700	0.06	0.0176	\$263,409.36
Heat	0.2700	0.06	0.0175	\$263,409.34
Plumbing	0.2200	0.14	0.0308	\$462,279.68
Electrical	0.2380	0.07	0.0167	\$250,051.29
Convey	0.3500	0.01	0.0035	\$52,531.78
Safety	0.2500	0.02	0.0050	\$75,045.40
AE/OP	0.1948	0.18	0.0351	\$526,170.35

Component Deficiency Total: 0.2298

Outstanding Maintenance: \$3,449,338.84

Facilities Condition Index (FCI): 77.02

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)

Facilities Audit Program Building Summary

Building Name: Student Services **Number:** 0076
Construction Date: 1948 **Gross Square Feet:** 36,717 **Net Square Feet:** 31,412
Date of Audit: 11/08/2005 **Cycle:** 5 **Phase:** 3 **No. of Stories:** 2
Classification: M460 Office Building **SBP Class:** 16 Office
Replacement Cost: \$3,915,625.72 **Cost Per SF:** \$106.64

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.02	0.0030	\$11,746.88
Ext Walls	0.2000	0.09	0.0180	\$70,481.27
Floors	0.1200	0.16	0.0192	\$75,180.01
Roof	0.5000	0.03	0.0150	\$58,734.38
Ceiling	0.1200	0.05	0.0060	\$23,493.75
Int Walls	0.2000	0.05	0.0100	\$39,156.26
Windows	0.9000	0.02	0.0180	\$70,481.26
Doors	0.2500	0.05	0.0125	\$48,945.32
Cool Vent	0.1500	0.04	0.0060	\$23,493.75
Heat	0.1900	0.13	0.0247	\$96,715.95
Plumbing	0.3700	0.02	0.0074	\$28,975.63
Electrical	0.5470	0.12	0.0656	\$257,021.66
Convey	0.1800	0.03	0.0054	\$21,144.38
Safety	0.2000	0.01	0.0020	\$7,831.25
AE/OP	0.2128	0.18	0.0383	\$150,012.32

Component Deficiency Total: 0.2512

Outstanding Maintenance: \$983,414.08
Facilities Condition Index (FCI): 74.88

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)

**Facilities Audit Program
Building Summary**

Building Name: John E. Painter Center for Lab Animals **Number:** 0144
Construction Date: 1980 **Gross Square Feet:** 31,139 **Net Square Feet:** 27,591
Date of Audit: 01/02/2008 **Cycle:** 6 **Phase:** 2 **No. of Stories:** 1
Classification: M330 Hospital, 1-3 Story **SBP Class:** 11 Science
Replacement Cost: \$4,257,641.70 **Cost Per SF:** \$136.73

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0500	0.02	0.0010	\$4,257.64
Ext Walls	0.0500	0.08	0.0040	\$17,030.57
Floors	0.0500	0.12	0.0060	\$25,545.85
Roof	0.3300	0.04	0.0132	\$56,200.87
Ceiling	0.4000	0.03	0.0120	\$51,091.70
Int Walls	0.1000	0.08	0.0080	\$34,061.13
Windows	0.2000	0.01	0.0020	\$8,515.28
Doors	0.2500	0.05	0.0125	\$53,220.52
Cool Vent	0.4500	0.07	0.0315	\$134,115.71
Heat	0.6400	0.02	0.0128	\$54,497.81
Plumbing	0.2900	0.12	0.0348	\$148,165.92
Electrical	0.2490	0.07	0.0174	\$74,210.69
Safety	0.2500	0.03	0.0075	\$31,932.31
AE/OP	0.1627	0.20	0.0325	\$138,569.21

Component Deficiency Total: 0.1953

Outstanding Maintenance: \$831,415.22
Facilities Condition Index (FCI): 80.47

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)

**Facilities Audit Program
Building Summary**

Building Name: Chemistry **Number:** 0150
Construction Date: 1971 **Gross Square Feet:** 168,037 **Net Square Feet:** 153,007
Date of Audit: 01/07/2008 **Cycle:** 6 **Phase:** 2 **No. of Stories:** 3
Classification: M150 College, Laboratory **SBP Class:** 11 Science
Replacement Cost: \$31,230,735.08 **Cost Per SF:** \$185.86

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2000	0.07	0.0140	\$437,230.30
Ext Walls	0.1000	0.06	0.0060	\$187,384.41
Floors	0.2000	0.07	0.0140	\$437,230.30
Roof	0.4000	0.06	0.0240	\$749,537.64
Ceiling	0.4000	0.03	0.0120	\$374,768.82
Int Walls	0.2000	0.09	0.0180	\$562,153.26
Windows	0.4000	0.02	0.0080	\$249,845.88
Doors	0.3000	0.02	0.0060	\$187,384.41
Cool Vent	0.2300	0.06	0.0138	\$430,984.11
Heat	0.2600	0.07	0.0182	\$568,399.36
Plumbing	0.4000	0.14	0.0560	\$1,748,921.20
Electrical	0.7127	0.07	0.0499	\$1,558,070.17
Convey	0.3500	0.01	0.0035	\$109,307.57
Safety	0.0200	0.02	0.0004	\$12,492.29
AE/OP	0.2438	0.18	0.0439	\$1,370,467.82

Component Deficiency Total: 0.2877

Outstanding Maintenance: \$8,984,177.66
Facilities Condition Index (FCI): 71.23

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)

AWESOME

PAINTER CENTER

OFFICE OF THE STATE ARCHITECT
CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

<input checked="" type="checkbox"/> Controlled Maintenance Request	<input type="checkbox"/> Capital Renewal Building/Infrastructure Request
	HPCP required in Capital Renewal Request (Y/N) (on CC-A specify HPCP compliance)

- 1) Agency Colorado State University
- 2) Department Higher Education
- 3) Physical Plant ID No. 03-124 Project M # _____
- 4) Agency Priority # 1
- 5) Project Title Replace Inadequate Ventilation Systems – Painter Center – Phase 1 of 1.

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) John E. Painter Center for Lab Animals
 Risk Mgmt. Bldg(s) ID# 3338
- 2) Facility Location Main Campus
- 3) Facility Area/Age GSF 31,139 ASF 27,591 Date Built 1980
- 4) Facility Functional Use/Occupancy Science
- 5) Facility Construction (Type) II-1HR
- 6) Facility Physical Condition and Facility Condition Index (FCI) Number
Actual FCI = 80.47 Targeted FCI = 85.00 Date of Last Audit 1/02/2008
(Describe)

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
- 8) Facility - Current Replacement Value \$ 4,257,642
- 9) Master Plan Status - Check one or more of the following:
- a) Facility 'useful' life is less than five (5) years.
- b) Facility 'useful' life is more than five (5) years.
- c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CDHE)
- d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS

10) Facility Audit Survey:

a) Facility Audit Survey concluded and submitted to SBP -	Date	<u>2008</u>
b) Status of the Infrastructure Assessment.	% Completed	<u>100</u>
c) Facility Audit Survey Cycle	<u>6/2</u>	

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
_____	_____	_____
_____	_____	_____
_____	_____	_____

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Painter Center is 28 years old, the AHU's and exhaust fans need to be replaced. The heat reclaim system no longer works. The high pressure direct inject humidification system needs to provide and average 72 degrees for animal room space @ 40% RH. The cooling system will not keep up with the Laboratory Animal Standards, piping needs to be installed for future connection to the chill water loop.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 1,887,883

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Painter Center is a BSL-3 Laboratory and is at the upper limits of meeting the Association for Assessment and Accreditation of Laboratory Animal Care, (AAALAC). This is because the cooling system will not make up the 10 degrees difference caused from the humidification system. Labs will be shut down when Accreditation is not met.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

The heat component should go from 64% deficient to 5%. The cooling should go from 45% to 1%. The overall Facilities Condition Index should improve from 80.47 to 85.

**OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 1
 3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$200,000
Code Review/Inspection	\$5,000
Other (Explain)	
Total of Professional Services	\$205,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
a) Utility Services			
b) Site Improvements			
Structure/System/Components			
Other(explain)			
AHU, Built-up, Cool/Heat coils, Filters, Mix Box, Constant Volume.	5 @	\$137,400	\$685,000
Exhaust Fans – Roof vent.	5 @	\$60,150	\$300,750
Crane Services – Difficult Access.	LS	\$18,000	\$18,000
Internal piping for future connection to chill water loop with use of existing pumps and redundant chiller.	LS	\$245,000	\$245,000
High-pressure direct injection humidification system. Move in and out, Demo, and installation	Each	\$162,507	\$162,507
Heat reclaim system (not working)	Each	\$100,000	\$100,000
Total of Construction Improvements Costs			\$1,511,257

6) Miscellaneous (explain)

Total of Miscellaneous Costs		\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$171,626
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8) Project or Phase total of professional services (4), construction improvements(5), miscellaneous costs(6), and project contingency(7)	\$1,887,883
--	-------------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,887,883
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Note: Agency formatted cost estimates may accompany this page.

OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS

E. PROPOSED PHASING
 PRIOR PHASING¹

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2006/2007		
		FY 2006/2007		
		FY 2007/2008		
		FY 2008/2009		

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	1	\$1,887,883

\$ 1,887,883 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2010/2011		
		FY 2011/2012		
		FY 2012/2013		
		FY 2013/2014		

\$ 0 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,887,883
 (Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	_____	_____
2. Design (Insert Dates)	June 09	Dec 09
3. Construction (Insert Dates)	Dec 09	June 10
4. Project Close-out/Final Completion	June 10	Dec 10

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**Facilities Audit Program
Building Summary**

Building Name: John E. Painter Center for Lab Animals **Number:** 0144
Construction Date: 1980 **Gross Square Feet:** 31,139 **Net Square Feet:** 27,591
Date of Audit: 01/02/2008 **Cycle:** 6 **Phase:** 2 **No. of Stories:** 1
Classification: M330 Hospital, 1-3 Story **SBP Class:** 11 Science
Replacement Cost: \$4,257,641.70 **Cost Per SF:** \$136.73

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0500	0.02	0.0010	\$4,257.64
Ext Walls	0.0500	0.08	0.0040	\$17,030.57
Floors	0.0500	0.12	0.0060	\$25,545.85
Roof	0.3300	0.04	0.0132	\$56,200.87
Ceiling	0.4000	0.03	0.0120	\$51,091.70
Int Walls	0.1000	0.08	0.0080	\$34,061.13
Windows	0.2000	0.01	0.0020	\$8,515.28
Doors	0.2500	0.05	0.0125	\$53,220.52
Cool Vent	0.4500	0.07	0.0315	\$134,115.71
Heat	0.6400	0.02	0.0128	\$54,497.81
Plumbing	0.2900	0.12	0.0348	\$148,165.92
Electrical	0.2490	0.07	0.0174	\$74,210.69
Safety	0.2500	0.03	0.0075	\$31,932.31
AE/OP	0.1627	0.20	0.0325	\$138,569.21

Component Deficiency Total: 0.1953

Outstanding Maintenance: \$831,415.22
Facilities Condition Index (FCI): 80.47

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)

 AVERY

ELECTRICAL SYSTEMS
UPGRADE

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

A. AGENCY BASIC

DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**

- 1) Agency Colorado State University
- 2) Department Higher Education
- 3) Physical Plant ID No. 4-04 Project M # _____
- 4) Agency Priority # 1
- 5) Project Title Replace Unsafe Overhead Electrical Service – Foothills Campus - Phase 1 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) Electric
 or Site (Improvements above ground) _____
 or Building Name (s) _____
 Risk Mgmt. Bldg(s) ID# _____

2) Facility Location Foothills Campus

3) Facility Area/Age GSF _____ ASF _____ Date Built _____

4) Facility Functional Use/Occupancy Science

5) Facility Construction (Type) _____

6) Facility Physical Condition and Facility Condition Index (FCI) Number-
Actual FCI = _____ Target FCI _____ Date of Last Audit _____
(Describe) _____

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year) 12/25/12

8) Facility - Current Replacement Value \$ _____

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

- a) Facility 'useful' life is less than five (5) years.
- b) Facility 'useful' life is more than five (5) years.
- c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CCHE)
- d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- a) Facility Audit Survey concluded and submitted to SBREP - Date _____
- b) Status of the Infrastructure Assessment. % Completed _____
- c) Facility Audit Survey Cycle Phase 3

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
M01015	Replace Det. Electrical Feeders	Construction
M90024	Replace Overhead Lines	2001

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

PH1 – Foothills Campus – Rampart to ARBL area: This project installs a 500 kcmil (thousand circular mills) copper underground line from Rampart to the ARBL area.

PH2 – Foothills Campus – ARBL to CETT: This project extends the 500 kcmil (thousand circular mills) copper underground line from the ARBL area to the CETT area. New 2-way duct bank 500 kcmil copper, 15kv EPR conductor, manholes, vault switches and hardware will be installed with this line

2) Total Project Cost Estimate (From Cost Breakdown) \$ 1,690,304

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Foothills Campus: Overhead lines may fail, due to age, in weather related events and we are nearing capacity of the existing system, the current electrical system is also unreliable in regards to the quality of power and its' delivery to complex pieces of research equipment in research intensive buildings. These research endeavors and the associated continued development of the Foothills Campus has lasting positive benefits to the state of Colorado as research at CSU is highlighted on both the national and international stage. The need for continuous reliable power service to accommodate research-intensive programs is paramount to the success of the programs. More immediate are reoccurring ground fires with collapse of the power poles.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

Foothills Campus – Updated electrical systems to allow for continuous, high quality power at this research driven campus, which is poised for growth.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase 1 of 2
 3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$75,000
Code Review/Inspection	\$15,500
Other (Explain)	
Total of Professional Services	\$90,500

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Infrastructure			
Trenching and Backfill	2980	\$10.00	\$29,800
Underground Duct Bank	2980	\$50.00	\$149,000
Manholes	10	\$6,180	\$61,800
15kv Cable/Terminations	3000	\$60.00	\$180,000
Transformers	8	\$45,000	\$360,000
Switches	4	\$45,000	\$180,000
Total of Construction Improvements Costs			\$960,600

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$105,110
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$1,156,210
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,690,304
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase 2 of 2
 3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$45,000
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	\$45,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
Trenching and Backfill	1600	\$10.00	\$16,000
Underground Duct Bank	1600	\$50.00	\$80,000
Manholes	3	\$6,180	\$18,540
15kv Cable/Terminations	1600	\$60.00	\$96,000
Transformers	2	\$45,000	\$90,000
Switches	3	\$45,000	\$135,000
Total of Construction Improvements Costs			\$440,540

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$48,554
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$534,094
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,690,304
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	1	\$1,156,210

\$1,156,210 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2010/2011	2	\$534,094

\$534,094 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$1,690,304
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE ONE	FROM	TO
1. Pre-Design (Insert Dates)	_____	_____
2. Design (Insert Dates)	July 09	Dec 09
3. Construction (Insert Dates)	Jan 10	May 10
4. Project Close-out/Final Completion	May 10	June 10

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

UTILITY AUDIT SUMMARY FY07 ALL CAMPUSES

G:\UTILITY\Audits - Utility\Summary of Audit Values and Unit Costs\All Campuses - Utility Audit Summary FY07.xls\All Campuses FY07

Revision No. 1

28-Aug-08

Utility Audit Summary			
Audit Update:	Jan-07	Renewal Cost:	\$ 29,879,592
No. of Years in Update:	3.00	Average Deterioration & Inflation Rate:	10.0%
Original Audit Date:	July-01		
Prior Audit Cost Update:	May-04		
Average Condition Index **	0.67	Replacement Value:	\$ 91,248,411
		Average Construction Inflation Rate:	3.0%

Utility System	2001 Replacement Value	2001 Condition Index **	2001 Renewal Cost
ELECTRIC	\$ 3,755,700	0.85	\$ 557,580
DISTRICT HEATING			
Steam	\$ 5,754,800	0.40	\$ 3,454,500
Condensate	\$ 2,353,200	0.40	\$ 1,406,600
Tunnel	\$ 26,202,800	0.90	\$ 2,496,300
Heating Plant System	\$ 16,115,000	0.56	\$ 7,102,000
Subtotal	\$ 50,425,800	0.71	\$ 14,459,400
DISTRICT COOLING			
Pipes	\$ 2,393,400	0.96	\$ 97,000
Plant Equipment	\$ 3,566,600	0.95	\$ 178,330
Subtotal	\$ 5,960,000		\$ 275,330
NATURAL GAS/PROPANE	\$ 663,700	0.35	\$ 431,200
WATER	\$ 5,074,300	0.77	\$ 1,161,200
SANITARY	\$ 3,546,500	0.72	\$ 1,002,600
STORMWATER	\$ 5,625,000	0.75	\$ 1,425,000
IRRIGATION	\$ 1,386,800	0.35	\$ 907,600
COMPRESSED AIR	\$ 1,105,100	0.43	\$ 626,200
Total	\$ 77,542,900	0.73	\$ 20,846,110

 AVERY

VISUAL ARTS

CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS

A. AGENCY BASIC DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**

- 1) Agency Colorado State University
- 2) Department Higher Education
- 3) Physical Plant ID No. 08-086 Project M # _____
- 4) Agency Priority # _____
- 5) Project Title Replace Inadequate Ventilation System and Failing Electrical & Mechanical Systems – Visual Arts – Phase 1 of 3

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Visual Arts _____
 Risk Mgmt. Bldg(s) ID# 3341 _____

- 2) Facility Location Main Campus
- 3) Facility Area/Age GSF 91,997 ASF 71132 Date Built 1973
- 4) Facility Functional Use/Occupancy Fine Arts
- 5) Facility Construction (Type) II-1HR
- 6) Facility Physical Condition and Facility Condition Index (FCI) Number
Actual FCI = 76 Targeted FCI = 84 Date of Last Audit 2/21/2006
(Describe) _____

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year) _____

- 8) Facility - Current Replacement Value \$ 9,149,865

- 9) Master Plan Status - Check one or more of the following:
 - a) Facility 'useful' life is less than five (5) years.
 - b) Facility 'useful' life is more than five (5) years.
 - c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CCHE)
 - d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- | | | |
|---|-------------|-------------|
| a) Facility Audit Survey concluded and submitted to SBREP - | Date | <u>2006</u> |
| b) Status of the Infrastructure Assessment. | % Completed | <u>100</u> |
| c) Facility Audit Survey Cycle | <u>5/3</u> | |

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Electrical and Mechanical systems are 34 years old. The cooling and ventilation system is beyond life expectancy. Air handling units, dampers, chillers, exhaust fans, boilers, pump seals and assemblies must be replaced. Phase 1 Design will determine scope.

Skylights are single glaze and most gaskets have failed, should be replaced with low E thermal pane glass along with new casings and roof curbs.

All roof sections have been replaced except 50SQ. of built up where most leaks occur.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 3,168,165

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

In the last 1-½ years, there have been 4 incidents of students or models passing out and paramedics being called. The problem is a combination of heat, lack of air circulation and ventilation.

Halls and classrooms are filled with trashcans, buckets, and tarps during rains and melting snow because of inadequately sealed skylights.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

The ventilation component should go from 75% deficient to 05% deficient. Safety should go from 40% to 10%. Windows should go from 50% to 10%. The Facilities Condition Index should improve from 76 to 84.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 1
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$310,000
Code Review/Inspection	\$25,000
Other (Explain)	
Total of Professional Services	\$335,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Phase 1 Design will determine how many exhaust fans, AHUs, VAVs, controls, chillers fan coils, ect. will be replaced.			
Design will also determine the cost for replacing 929 skylights at approximately \$60/sf.			
Roof – Replace 50 SQ. of built up roof that was installed in 1973 with EPDM.	SQ.	\$1,295	\$64,750
Total of Construction Improvements Costs			\$64,750

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$0

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$39,975
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$439,725
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$3,168,165
---	-------------

Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	1	\$439,725

\$ 439,725 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 20010/2011	2	\$1,345,300
		FY 2011/2012	3	\$1,383,140
		FY 2012/2013		
		FY 2013/2014		

\$ 2,728,440 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 3,168,165
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	July 09	Dec 09
2. Design (Insert Dates)	Dec 09	May 10
3. Construction (Insert Dates)	May 10	Dec 14
4. Project Close-out/Final Completion	Dec 14	Jan 15

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**Facilities Audit Program
Building Summary**

Building Name: Visual Arts

Number: 0151

Construction Date: 1973

Gross Square Feet: 91,997

Net Square Feet: 86,135

Date of Audit: 02/21/2006 **Cycle:** 5 **Phase:** 3 **No. of Stories:** 1

Classification: M120 Classroom, 2-3 Story

SBP Class: 13 Fine Arts

Replacement Cost: \$9,149,865.00

Cost Per SF: \$99.46

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.02	0.0030	\$27,449.59
Ext Walls	0.2200	0.04	0.0088	\$80,518.81
Floors	0.2000	0.12	0.0240	\$219,596.76
Roof	0.0800	0.05	0.0040	\$36,599.46
Ceiling	0.4000	0.04	0.0160	\$146,397.84
Int Walls	0.3500	0.06	0.0210	\$192,147.16
Windows	0.5000	0.03	0.0150	\$137,247.97
Doors	0.5000	0.04	0.0200	\$182,997.30
Cool Vent	0.7500	0.05	0.0375	\$343,119.94
Heat	0.1200	0.12	0.0144	\$131,758.05
Plumbing	0.3000	0.07	0.0210	\$192,147.17
Electrical	0.0760	0.11	0.0084	\$76,492.87
Safety	0.4000	0.01	0.0040	\$36,599.46
AE/OP	0.1971	0.18	0.0355	\$324,553.05

Component Deficiency Total: 0.2325

Outstanding Maintenance: \$2,127,625.47

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)

 AVERY

ENGINEERING
RESEARCH CENTER

CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS

A. AGENCY BASIC DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**

- 1) Agency Colorado State University
2) Department Higher Education
3) Physical Plant ID No. 8-03 Project M # _____
4) Agency Priority # 1
5) Project Title Replace Unsafe Electrical Systems and Inadequate Mechanical Systems - Engineering Research Center - Phase 1 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Engineering Research Center
Risk Mgmt. Bldg(s) ID# 3557

- 2) Facility Location Fort Collins Foothills Campus
3) Facility Area/Age GSF 149,915 ASF 12,398 Date Built 1962
4) Facility Functional Use/Occupancy Engineering
5) Facility Construction (Type) II-1HR
6) Facility Physical Condition and Facility Condition Index (FCI) Number Remodeling – A (CCHE2)
Actual FCI = 67.98 Targeted FCI = 85.00 Date of Last Audit 2005

(Describe)

The Engineering Building is due for another facility condition audit in 2008. We estimate the actual FCI is now about 66 due to the time that has passed since the last audit and the normal deterioration that has occurred to the building since then.

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
The building is used for ongoing research and is available for research endeavors all the time.
- 8) Facility - Current Replacement Value \$ 22,840,400
- 9) Master Plan Status - Check one or more of the following:
- a) Facility 'useful' life is less than five (5) years.
b) Facility 'useful' life is more than five (5) years.
c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CCHE)
d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- | | | |
|---|-------------|------------|
| a) Facility Audit Survey concluded and submitted to SBREP - | Date 2005 | _____ |
| b) Status of the Infrastructure Assessment. In Progress | % Completed | <u>100</u> |
| c) Facility Audit Survey Cycle | <u>5/2</u> | _____ |

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
_____	<u>NONE</u>	_____

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

The Engineering Research Building (RM #3557) is 43 years old and all systems are original. The windows are single glazed and allow water and air to infiltrate. Energy loss is very high. The electrical system is at life expectancy and undersized for current use. HVAC equipment frequently trips out on low voltage and offices only have 2 outlets each. The temperature controls are pneumatic and replacement parts are difficult to get. The heating and cooling systems are separate, so there are times when areas are being heated and cooled at the same time. The chiller is deteriorated and unable to operate at full capacity. Phase 1 is design work and chiller replacement. Phase 2-will replace/repair the heating and electrical systems, replace/repair the windows and lights.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 3,102,930

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Research is being impacted by insufficient and undependable electrical power. Mechanical units are being damaged by low voltage shutdowns. Energy usage is very high due to heat transmission through the windows and due to the heating and cooling systems running at the same time under some conditions.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

The window component should go from 70% deficient to 1% deficient. Heating and Cooling/ventilation from 67% to 15%. Electrical from 95% to 10%. The Facilities Condition Index should improve from 67.98 to 85.03.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase 1 thru 2
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$256,316
Code Review/Inspection	\$3,318
Other (Explain)	
Total of Professional Services	\$259,634

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Structure/System/Component			
Replace windows	SF	\$39.75	\$492,820
Replace Lighting	SF	\$4.38	\$657,000
Install branch circuits	SF	\$2.04	\$314,054
Replace distribution equipment	LS	\$421,648	\$421,648
Replace HVAC wiring	LS	\$70,140	\$70,140
Electrical demolition	SF	\$34	\$51,490
Replace chiller	LS	\$334,759	\$334,759
Replace unit ventilators & temp. controls	EA	\$2,193	\$219,300
Total of Construction Improvements Costs			\$2,561,211

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$0

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$282,085
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase) Total Phase One – Two = \$3,102,930 divided equally into two phases at \$1,551,465 each.	\$3,102,930
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$3,102,930
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)

\$ 0 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	8-03	FY 2009-2010	1	\$1,551,465

\$ 1,551,465 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	8-03	FY 2010/2011	2	\$1,551,465
	8-03			

\$ 1,551,465 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 3,102,930
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE 1	FROM	TO
1. Pre-Design (Insert Dates)	<u>July 09</u>	<u>Dec 09</u>
2. Design (Insert Dates)	<u>Dec 09</u>	<u>May 10</u>
3. Construction (Insert Dates)	<u>May 10</u>	<u>Dec 10</u>
4. Project Close-out/Final Completion	<u>Dec 10</u>	<u>Jan 11</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**Facilities Audit Program
Building Summary**

Building Name: Daryl B. Simons Building at the ERC **Number:** 1101
Construction Date: 1962 **Gross Square Feet:** 149,915 **Net Square Feet:** 134,495
Date of Audit: 02/04/2008 **Cycle:** 6 **Phase:** 2 **No. of Stories:** 3
Classification: M150 College, Laboratory **SBP Class:** 12 Engineering
Replacement Cost: \$23,221,923.45 **Cost Per SF:** \$154.90

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1000	0.07	0.0070	\$162,553.47
Ext Walls	0.1500	0.06	0.0090	\$208,997.31
Floors	0.3000	0.07	0.0210	\$487,660.41
Roof	0.3500	0.06	0.0210	\$487,660.41
Ceiling	0.5000	0.03	0.0150	\$348,328.84
Int Walls	0.2000	0.09	0.0180	\$417,994.64
Windows	0.3500	0.02	0.0070	\$162,553.46
Doors	0.2500	0.02	0.0050	\$116,109.61
Cool Vent	0.2700	0.06	0.0162	\$376,195.12
Heat	0.2600	0.07	0.0182	\$422,638.99
Plumbing	0.6800	0.14	0.0952	\$2,210,727.15
Electrical	0.9600	0.07	0.0672	\$1,560,513.23
Convey	0.3000	0.01	0.0030	\$69,665.77
Safety	0.0300	0.02	0.0006	\$13,933.15
AE/OP	0.3034	0.18	0.0546	\$1,268,195.74

Component Deficiency Total: 0.3580

Outstanding Maintenance: \$8,313,727.37

Facilities Condition Index (FCI): 64.20

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)

Thursday, August 28, 2008

DDC CONVERSION

AMERY

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

A. AGENCY BASIC DATA:

Controlled Maintenance Request **Capital Renewal Building/Infrastructure Request**

- 1) Agency Colorado State University
 2) Department Higher Education
 3) Physical Plant ID No. 1-05 Project M # _____
 4) Agency Priority # 1
 5) Project Title Direct Digital Control System Conversion Project 1- Phase 1 of 3

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) See Below _____
 Risk Mgmt. Bldg(s) ID# _____

- 2) Facility Location _____
 3) Facility Area/Age GSF _____ ASF _____ Date Built _____
 4) Facility Functional Use/Occupancy _____
 5) Facility Construction (Type) _____
 6) Facility Physical Condition and Facility Condition Index (FCI) Number - Typical audits, others available on request.

Actual FCI = _____ Targeted FCI = _____ Date of Last Audit 2005 - 2007
 (Describe) _____

7) Facility – Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

8) Facility - Current Replacement Value \$	Spruce Hall	\$1,691,706
Weed Potato	\$1,878,812 Visual Arts	\$9,149,865
Industrial Sciences Lab	\$2,159,017 Moby	\$28,865,532
Perc	Engineering	\$88,463,627
Military Science	\$1,473,136 Industrial Sciences	\$2,528,748
Shepardson	\$6,601,280 Routt Hall	\$648,378
NRRL	\$487,509 Insectary	\$906,624
AERC	\$298,504 Vocational Education	\$1,231,797
Central Receiving	\$1,456,689 Facilities Service North	\$3,366,306
Foothills Animal Holdings	_____	_____

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

- a) Facility 'useful' life is less than five (5) years.
 b) Facility 'useful' life is more than five (5) years.
 c) Master Plan is obsolete; Last Date Approved _____
 (by OSPB/CCHE)
 d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

a) Facility Audit Survey concluded and submitted to SBREP -	Date	<u>2005 - 2007</u>
b) Status of the Infrastructure Assessment.	% Completed	<u>60</u>
c) Facility Audit Survey Cycle	<u>5/2 - 6/1</u>	

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
	NONE	

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Existing Johnson 8540 digital controls have become out dated, are in continuous need of repair and no longer function as originally designed. Control service calls for these systems can only be executed by Johnson Controls personnel and at a premium cost to the University and the State. The appropriate solution is to replace the existing 8540 Johnson controls with the new Metasys systems resulting in enhanced remote control capabilities, greater energy savings in all listed facilities and the ability to have University personnel service the systems in-house which will help reduce maintenance costs in the long term. The Metasys Digital Control Systems will allow for greater energy savings and energy management where installed with increased climate control, building comfort, remote setback and monitoring. The first phase includes replacement in the listed buildings and control platform upgrades. The second and third phases include interface conversions for central control and monitoring.

2) Total Project Cost Estimate (From Cost Breakdown) \$ \$1,290,418

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Repair dollars will continue to be spent at a premium trying to keep outdated digital systems operational. Parts are difficult to obtain and building climate control is often sacrificed even with comprehensive system repair. Energy could be better utilized as described above with the new Metasys Digital Control Systems that also allow internal personnel to troubleshoot, repair and adjust the systems.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

This project will convert the existing control system in the above-mentioned buildings allowing for ease of future maintenance, greater energy efficiency, energy management, remote sensing, setback and control. The digital control system also enables fire alarm system tie-in and remote monitoring which improves life safety aspects within the existing buildings.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase 1 of 3
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$120,000
Code Review/Inspection	\$10,0000
Other (Explain)	
Total of Professional Services	\$130,000

- Conversion does not require engineering specs. or drawings.

5) Construction Improvement – Replace JCI 8540 components

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Spruce Hall	1	\$28,869	\$28,869
Voc Ed	1	\$24,500	\$24,500
Visual Arts	1	\$72,738	\$72,738
Moby B&C Wings	1	\$173,840	\$173,840
Engineering E Wing	1	\$11,660	\$11,660
Facilities Services	1	\$15,000	\$10,600
Electrical Switch	1	\$15,900	\$15,900
Reprogramming of database and graphics interface. Replace server and supporting software	1	\$75,000	\$75,000
Total of Construction Improvements Costs			\$413,107

6) Miscellaneous (explain)

Total of Miscellaneous Costs	\$
------------------------------	----

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$54,311
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$597,418
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,290,418
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Approved By Dewey Wearne 2) Phase 2 of 3
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	

- Conversion does not require engineering specs. or drawings.

5) Construction Improvement – Replace JCI 8540 components

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
NCM retrofit – Replace remaining Network Communication Module with extended architecture platform NAE – Network Automation Engine components and modify graphics.	21	\$15,000	\$315,000
Total of Construction Improvements Costs			\$315,000

6) Miscellaneous (explain)

Total of Miscellaneous Costs	
------------------------------	--

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$31,500
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$346,500
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,290,418
---	-------------

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Approved By Dewey Wearne 2) Phase 3 of 3
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	

- Conversion does not require engineering specs. or drawings.

5) Construction Improvement – Replace JCI 8540 components

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
NCM retrofit – Replace remaining Network Connectivity Monitors with extended architecture platform NAE – Network Attached Encryption components and modify graphics.	21	\$15,000	\$315,000
Total of Construction Improvements Costs			\$315,000

6) Miscellaneous (explain)

Total of Miscellaneous Costs	
------------------------------	--

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$31,500
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$346,500
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,290,418
---	-------------

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)

_____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	ONE	\$597,418

\$597,418 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2010/2011	TWO	\$346,500
		FY 2011/2012	THREE	\$346,500

\$ 693,000 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$1,290,418
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	_____	_____
2. Design (Insert Dates)	July 09	Sept 09
3. Construction (Insert Dates)	Oct 09	Jan 10
4. Project Close-out/Final Completion	Jan 10	Feb 11

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**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: 01/10/2006 *Cycle:* 5 *Phase:* 3 *No. of Stories:* 1
Classification: M150 College, Laboratory *SBP Class:* 11 Science
Replacement Cost: \$525,656.79 *Cost Per SF:* \$121.88

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2500	0.07	0.0175	\$9,198.99
Ext Walls	0.2000	0.06	0.0120	\$6,307.88
Floors	0.2000	0.07	0.0140	\$7,359.20
Roof	0.0200	0.06	0.0012	\$630.79
Ceiling	0.3500	0.03	0.0105	\$5,519.40
Int Walls	0.2200	0.09	0.0198	\$10,408.00
Windows	0.9200	0.02	0.0184	\$9,672.09
Doors	0.8500	0.02	0.0170	\$8,936.17
Cool Vent	0.1000	0.04	0.0040	\$2,102.63
Heat	0.1600	0.09	0.0144	\$7,569.46
Plumbing	0.2400	0.14	0.0336	\$17,662.07
Electrical	0.7400	0.07	0.0518	\$27,229.02
AE/OP	0.2142	0.18	0.0386	\$20,267.22

Component Deficiency Total: 0.2528

Outstanding Maintenance: \$132,862.91
Facilities Condition Index (FCI): 74.72

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)

**Facilities Audit Program
Building Summary**

Building Name: Engineering

Number: 0041

Construction Date: 1957 *Gross Square Feet:* 211,410 *Net Square Feet:* 198,530

Date of Audit: 10/16/2006 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 2

Classification: M120 Classroom, 2-3 Story *SBP Class:* 12 Engineering

Replacement Cost: \$104,491,274.00 *Cost Per SF:* \$494.26

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0700	0.02	0.0014	\$146,287.78
Ext Walls	0.0750	0.04	0.0030	\$313,473.80
Floors	0.2500	0.12	0.0300	\$3,134,738.15
Roof	0.3000	0.05	0.0150	\$1,567,369.20
Ceiling	0.2200	0.04	0.0088	\$919,523.19
Int Walls	0.2400	0.06	0.0144	\$1,504,674.28
Windows	0.2200	0.03	0.0066	\$689,642.39
Doors	0.2400	0.04	0.0096	\$1,003,116.19
Cool Vent	0.0500	0.08	0.0040	\$417,965.09
Heat	0.0250	0.09	0.0023	\$235,105.38
Plumbing	0.4000	0.07	0.0280	\$2,925,755.73
Electrical	0.0580	0.11	0.0064	\$666,654.31
Convey	0.2700	0.01	0.0027	\$282,126.44
Safety	0.1000	0.01	0.0010	\$104,491.27
AE/OP	0.1331	0.18	0.0240	\$2,503,966.29

Component Deficiency Total: 0.1571

Outstanding Maintenance: \$16,414,889.60

Facilities Condition Index (FCI): 84.29

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)

Monday, May 14, 2007

**Facilities Audit Program
Building Summary**

Building Name: Spruce Hall

Number: 0064

Construction Date: 1881 *Gross Square Feet:* 18,738 *Net Square Feet:* 15,936

Date of Audit: 12/04/2006 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 2

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

Replacement Cost: \$2,031,575.83 *Cost Per SF:* \$108.42

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2000	0.02	0.0040	\$8,126.30
Ext Walls	0.1500	0.09	0.0135	\$27,426.27
Floors	0.2000	0.16	0.0320	\$65,010.43
Roof	0.3500	0.03	0.0105	\$21,331.55
Ceiling	0.1500	0.05	0.0075	\$15,236.82
Int Walls	0.1700	0.05	0.0085	\$17,268.40
Windows	0.2000	0.02	0.0040	\$8,126.30
Doors	0.2000	0.05	0.0100	\$20,315.76
Cool Vent	0.2600	0.09	0.0221	\$44,897.82
Heat	0.1900	0.09	0.0161	\$32,809.95
Plumbing	0.1800	0.02	0.0036	\$7,313.67
Electrical	0.3120	0.12	0.0374	\$76,062.20
Convey	0.1300	0.03	0.0039	\$7,923.15
Safety	0.2000	0.01	0.0020	\$4,063.15
AE/OP	0.1752	0.18	0.0315	\$64,064.12

Component Deficiency Total: 0.2067

Outstanding Maintenance: \$419,975.90

Facilities Condition Index (FCI): 79.33

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)

Monday, May 14, 2007

**Facilities Audit Program
Building Summary**

Building Name: Routt Hall

Number: 0061

Construction Date: 1890

Gross Square Feet: 4,918

Net Square Feet: 4,228

Date of Audit: 11/27/2006 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 1

Classification: M460 Office Building

SBP Class: 16 Office

Replacement Cost: \$765,850.00

Cost Per SF: \$155.72

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0500	0.02	0.0010	\$765.85
Ext Walls	0.0700	0.09	0.0063	\$4,824.86
Floors	0.1500	0.16	0.0240	\$18,380.40
Roof	0.1000	0.03	0.0030	\$2,297.55
Ceiling	0.0600	0.05	0.0030	\$2,297.55
Int Walls	0.2600	0.05	0.0130	\$9,956.05
Windows	0.7000	0.02	0.0140	\$10,721.90
Doors	0.6000	0.05	0.0300	\$22,975.50
Cool Vent	0.1300	0.02	0.0026	\$1,991.21
Heat	0.1000	0.11	0.0110	\$8,424.35
Plumbing	0.1500	0.02	0.0030	\$2,297.55
Electrical	0.0660	0.12	0.0079	\$6,065.53
Convey	0.4300	0.03	0.0129	\$9,879.46
Safety	0.1500	0.01	0.0015	\$1,148.78
AE/OP	0.1332	0.18	0.0240	\$18,364.78

Component Deficiency Total: 0.1572

Outstanding Maintenance: \$120,391.31

Facilities Condition Index (FCI): 84.28

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)

Monday, May 14, 2007

**Facilities Audit Program
Building Summary**

Building Name: Visual Arts

Number: 0151

Construction Date: 1973 *Gross Square Feet:* 91,997 *Net Square Feet:* 86,135

Date of Audit: 02/21/2006 *Cycle:* 5 *Phase:* 3 *No. of Stories:* 1

Classification: M120 Classroom, 2-3 Story *SBP Class:* 13 Fine Arts

Replacement Cost: \$9,149,865.00 *Cost Per SF:* \$99.46

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.02	0.0030	\$27,449.59
Ext Walls	0.2200	0.04	0.0088	\$80,518.81
Floors	0.2000	0.12	0.0240	\$219,596.76
Roof	0.0800	0.05	0.0040	\$36,599.46
Ceiling	0.4000	0.04	0.0160	\$146,397.84
Int Walls	0.3500	0.06	0.0210	\$192,147.16
Windows	0.5000	0.03	0.0150	\$137,247.97
Doors	0.5000	0.04	0.0200	\$182,997.30
Cool Vent	0.7500	0.05	0.0375	\$343,119.94
Heat	0.1200	0.12	0.0144	\$131,758.05
Plumbing	0.3000	0.07	0.0210	\$192,147.17
Electrical	0.0760	0.11	0.0084	\$76,492.87
Safety	0.4000	0.01	0.0040	\$36,599.46
AE/OP	0.1971	0.18	0.0355	\$324,553.05

Component Deficiency Total: 0.2325

Outstanding Maintenance: \$2,127,625.47

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)

Tuesday, June 19, 2007

FIRE ALARMS SYSTEMS

 AVERY

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

A. AGENCY BASIC DATA:

Controlled Maintenance Request

Capital Renewal Building/Infrastructure Request

- 1) Agency Colorado State University
 2) Department Higher Education
 3) Physical Plant ID No. 03-121 Project M # _____
 4) Agency Priority # _____
 5) Project Title Improve Fire Alarm Systems For Additional Life Safety and Code Compliance – Phase 1 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) See Below
 Risk Mgmt. Bldg(s) ID# See Below

- 2) Facility Location _____
 3) Facility Area/Age GSF See Below ASF See Below Date Built See Below
 4) Facility Functional Use/Occupancy See Below
 5) Facility Construction (Type) See Below

- 6) Facility Physical Condition and Facility Condition Index (FCI) Number
 Actual FCI = See Below Targeted FCI = 94.00 Date of Last Audit 2005

(Describe)	Risk	GSF	ASF	Date	Occupancy	Const, Type	FCI
Administration	3890	32,172	23,618	1924	Office	II-1HR	73.08
Clark	5000	254,792	137,426	1967	Class/Office	II-FR	65.55
Glover	3269	52,823	33,111	1950	Engineering	II-1HR	81.09
Central Receiving	3322	15,675	13,276	1967	Phys Plant	II-FR	75.30
AIDL	3668	14,329	9,101	1964	Science	II-1HR	65.32

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
All buildings are 12/25/12

- 8) Facility - Current Replacement Value \$ Administration - \$3,938,824; Clark - \$27,170,356;
 Glover - \$9,017,573; Central Receiving - \$1,456,689;
 AIDL - \$1,783,425

- 9) Master Plan Status - Check one or more of the following:
 a) Facility 'useful' life is less than five (5) years.
 b) Facility 'useful' life is more than five (5) years.
 c) Master Plan is obsolete; Last Date Approved _____
 (by OSPB/CCHE)
 d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- a) Facility Audit Survey concluded and submitted to SBREP - Date 2005
- b) Status of the Infrastructure Assessment. % Completed 100
- c) Facility Audit Survey Cycle 5/2

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

The fire alarm systems in these buildings are original (30 to 40 years old). Parts are very difficult to obtain, communication is incomplete in many areas, and none of the systems meet current code. Systems need to be replaced with current technology. This would improve the life safety component of the system, however the alarms do currently evacuate the building occupants.

2) Total Project Cost Estimate (From Cost Breakdown) \$ \$1,284,376

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Inadequate coverage and a lack of ADA compliant devices will not meet code compliance.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

The safety component in these buildings will improve by 50% - 100%.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Dewey Wearne 2) Phase? 1
3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$130,000
Code Review/Inspection	\$5,000
Other (Explain)	
Total of Professional Services	\$135,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Administration	SF	\$2.80	\$87,282
Glover	SF	\$2.80	\$147,904
Central Receiving	SF	\$2.80	\$43,890
AIDL	SF	\$2.80	\$40,121
Total of Construction Improvements Costs			\$319,197

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$45,420
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$499,617
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,284,3765
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	1	\$499,617

\$ 499,617 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2010/2011	2	\$784,759

\$ 784,759 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,284,376
(Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	July 09	Dec 09
2. Design (Insert Dates)	Dec 09	May 10
3. Construction (Insert Dates)	May 10	May 11
4. Project Close-out/Final Completion	May 11	July 11

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

*Facilities Audit Program
Building Summary*

Building Name: Administration *Number:* 0080
Construction Date: 1924 *Gross Square Feet:* 32,172 *Net Square Feet:* 29,530
Date of Audit: 11/15/2005 *Cycle:* 5 *Phase:* 3 *No. of Stories:* 3
Classification: M460 Office Building *SBP Class:* 16 Office
Replacement Cost: \$3,938,824.39 *Cost Per SF:* \$122.43

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.3000	0.02	0.0060	\$23,632.95
Ext Walls	0.3000	0.09	0.0270	\$106,348.27
Floors	0.1500	0.16	0.0240	\$94,531.79
Roof	0.1000	0.03	0.0030	\$11,816.47
Ceiling	0.1800	0.05	0.0090	\$35,449.42
Int Walls	0.3500	0.05	0.0175	\$68,929.43
Windows	0.4000	0.02	0.0080	\$31,510.59
Doors	0.2800	0.05	0.0140	\$55,143.54
Cool Vent	0.0600	0.07	0.0042	\$16,543.06
Heat	0.0600	0.08	0.0048	\$18,906.36
Plumbing	0.2300	0.02	0.0046	\$18,118.59
Electrical	0.8000	0.12	0.0960	\$378,127.11
Convey	0.2000	0.03	0.0060	\$23,632.95
Safety	0.4000	0.01	0.0040	\$15,755.30
AE/OP	0.2281	0.18	0.0411	\$161,720.26

Component Deficiency Total: 0.2692

Outstanding Maintenance: \$1,060,166.08

Facilities Condition Index (FCI): 73.08

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)

Facilities Audit Program Building Summary

Building Name: Central Receiving *Number:* 0131
Construction Date: 1967 *Gross Square Feet:* 15,675 *Net Square Feet:* 14,550
Date of Audit: 02/19/2007 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 1
Classification: M500 Post Office *SBP Class:* 30 Physical Plant Service
Replacement Cost: \$1,456,688.72 *Cost Per SF:* \$92.93

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.06	0.0090	\$13,110.20
Ext Walls	0.1000	0.11	0.0110	\$16,023.58
Floors	0.1500	0.07	0.0105	\$15,295.23
Roof	0.4000	0.11	0.0440	\$64,094.30
Ceiling	0.2500	0.01	0.0025	\$3,641.72
Int Walls	0.1000	0.09	0.0090	\$13,110.20
Windows	0.1000	0.03	0.0030	\$4,370.07
Doors	0.4000	0.06	0.0240	\$34,960.53
Cool Vent	0.6000	0.05	0.0300	\$43,700.66
Heat	0.1800	0.06	0.0108	\$15,732.24
Plumbing	0.3100	0.02	0.0062	\$9,031.47
Electrical	0.3630	0.09	0.0327	\$47,590.02
Convey	0.4200	0.01	0.0042	\$6,118.09
Safety	0.3000	0.03	0.0090	\$13,110.20
AE/OP	0.2059	0.20	0.0412	\$59,977.70

Component Deficiency Total: 0.2470

Outstanding Maintenance: \$359,866.22

Facilities Condition Index (FCI): 75.30

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)

Wednesday, May 16, 2007

**Facilities Audit Program
Building Summary**

Building Name: Arthropod-Borne & Infectious Disease Lab *Number:* 1421
Construction Date: 1964 *Gross Square Feet:* 14,329 *Net Square Feet:* 11,914
Date of Audit: 04/09/2007 *Cycle:* 6 *Phase:* 1 *No. of Stories:* 1
Classification: M150 College, Laboratory *SBP Class:* 11 Science
Replacement Cost: \$1,783,424.60 *Cost Per SF:* \$124.46

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.1500	0.07	0.0105	\$18,725.96
Ext Walls	0.2000	0.06	0.0120	\$21,401.10
Floors	0.2500	0.07	0.0175	\$31,209.93
Roof	0.2500	0.06	0.0150	\$26,751.37
Ceiling	0.4000	0.03	0.0120	\$21,401.10
Int Walls	0.6000	0.09	0.0540	\$96,304.94
Windows	0.5000	0.02	0.0100	\$17,834.25
Doors	0.5000	0.02	0.0100	\$17,834.25
Cool Vent	0.3200	0.06	0.0208	\$37,095.23
Heat	0.3800	0.06	0.0247	\$44,050.59
Plumbing	0.3900	0.14	0.0546	\$97,374.99
Electrical	0.6540	0.07	0.0458	\$81,645.18
Safety	0.3500	0.02	0.0070	\$12,483.97
AE/OP	0.2939	0.18	0.0529	\$94,340.31
Component Deficiency Total:			0.3468	

Outstanding Maintenance: \$618,453.14
Facilities Condition Index (FCI): 65.32

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)

 AVERY

GUGGENHEIM

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CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
STATE BUILDINGS PROGRAMS

A. AGENCY BASIC DATA:

<input checked="" type="checkbox"/> Controlled Maintenance Request	<input type="checkbox"/> Capital Renewal Building/Infrastructure Request
	<input type="checkbox"/> HPCP required in Capital Renewal Request (Y/N) (on CC-A specify HPCP compliance)

- 1) Agency Colorado State University
- 2) Department Higher Education
- 3) Physical Plant ID No. 00-001 Project M # _____
- 4) Agency Priority # 1
- 5) Project Title Remove Asbestos and Replace Deteriorated Electrical and Mechanical Systems
Guggenheim Hall – Phase 1 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Guggenheim Hall
 Risk Mgmt. Bldg(s) ID# 3228
- 2) Facility Location Main Campus
- 3) Facility Area/Age GSF 17,569 ASF 14,187 Date Built 1910
- 4) Facility Functional Use/Occupancy Construction Management, Human Sciences
- 5) Facility Construction (Type) II-1HR
- 6) Facility Physical Condition and Facility Condition Index (FCI) Number
Actual FCI = 73.69 Targeted FCI = 85.00 Date of Last Audit 9/24/2007
(Describe)

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
- 8) Facility - Current Replacement Value \$ 1,776,070
- 9) Master Plan Status - Check one or more of the following:
- a) Facility 'useful' life is less than five (5) years.
- b) Facility 'useful' life is more than five (5) years.
- c) Master Plan is obsolete; Last Date Approved _____
(by OSPB/CDHE)
- d) Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

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 STATE BUILDINGS PROGRAMS

10) Facility Audit Survey:

- | | | |
|---|-------------|-------------|
| a) Facility Audit Survey concluded and submitted to SBP - | Date | <u>2007</u> |
| b) Status of the Infrastructure Assessment. | % Completed | <u>100</u> |
| c) Facility Audit Survey Cycle | <u>6/2</u> | |

11) List all the controlled maintenance, capital construction, and emergency projects completed within the last five years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status
None		

C. INTEGRATED PROGRAM PLAN DATA

NOTE: For a Capital Renewal Building/Infrastructure Request, refer to the instructions for the additional information required to support the request.

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Mechanical systems are beyond life expectancy. The mechanical pipe has Air Cell insulation in crawl space, most of which is damaged and degraded. This degraded Air Cell has contaminated the earthen floor of the crawl space requiring soil remediation as well. Steam heat needs to be replaced with hot water, which would require a mechanical room for pumps and controls. All building electrical needs to be replaced. Lighting needs to be replaced and occupancy sensors installed. Building entrances need to be ADA compliant. Potable water system needs to be replaced as well as fixtures with more efficient equipment. Hot water heater needs replaced. Front entrance columns have settled and are separating from stone entablature.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 1,776,070

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Loss of use will occur as mechanical systems fail in crawl space along with liability issues to building occupants because crawl space is vented and asbestos could infiltrate building.

4) **Mandatory** - Include Facility Audit documentation from most recent audit. Include site maps for any infrastructure project request.

5) **Optional** - Include photographs and any other supporting documents.

6) Explanation of how this project will improve the building(s) facility condition index or improve a specific infrastructure system.

This is a historical building built in 1910. In 2006 Guggenheim had a face-lift funded with private donations that did not address any mechanical, electrical, or structural problems. Bringing these systems to code should bring the FCI from 73 to 85.

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 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By _____ 2) Phase? 1

3) Method of Estimate Historical

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$200,000
Code Review/Inspection	\$25,000
Other (Explain)	
Total of Professional Services	\$225,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
a) Utility Services			
b) Site Improvements			
Structure/System/Components			
Remediation and repair of stone front entrance and columns	LS		\$165,000
Other(explain)			
Abatement – 6400sf of potentially contaminate area. Removal of 200+lf of damaged Air Cell.	LS		\$80,000
Replace component abated piping in crawl space.	LF	\$250	\$50,000
Phase 1 Design will determine how many exhaust fans, AHU's, VAV"S, controls, fan coils, ect. will be replaced			
Total of Construction Improvements Costs			\$295,000

6) Miscellaneous (explain)

Total of Miscellaneous Costs		\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$52,000
--	----------

8) Project or Phase total of professional services (4), construction improvements(5), miscellaneous costs(6), and project contingency(7)	\$572,000
--	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,776,070
---	-------------

Note: Agency formatted cost estimates may accompany this page.

**OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS**

D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By _____ 2) Phase? 2
 3) Method of Estimate Historical

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
a) Utility Services			
b) Site Improvements			
Structure/System/Components			
Pumps and Controls	LS		\$232,000
Other(explain)			
Fan Coil Units	LS		\$231,000
Electrical	SF	\$24.57	\$431,670
Plumbing	LS		\$200,000
Total of Construction Improvements Costs			\$1,094,000

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$109,400
--	-----------

8) Project or Phase total of professional services (4), construction improvements(5), miscellaneous costs(6), and project contingency(7)	\$1,204,070
--	-------------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,776,070
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Note: Agency formatted cost estimates may accompany this page.

OFFICE OF THE STATE ARCHITECT
 CONTROLLED MAINTENANCE PROJECT REQUEST FY 2009/2010
 STATE BUILDINGS PROGRAMS

E. PROPOSED PHASING
 PRIOR PHASING¹

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2006/2007		
		FY 2006/2007		
		FY 2007/2008		
		FY 2008/2009		

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2009/2010	1	\$572,000

\$ 572,000 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2010/2011	2	\$1,204,070
		FY 2011/2012		
		FY 2012/2013		
		FY 2013/2014		

\$ 1,204,070 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,776,070
 (Prior, Current and Future Phases)

¹ List all previous phases with actual appropriation by year (include federal funding). Note if different from requested amount.

² List all current and anticipated future phases with estimated costs as listed in the detailed cost estimate subtotal blank 8.

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STATE BUILDINGS PROGRAMS

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	<u>June 09</u>	<u>Dec 09</u>
2. Design (Insert Dates)	<u>Jan 10</u>	<u>May 10</u>
3. Construction (Insert Dates)	<u>May 10</u>	<u>Dec 10</u>
4. Project Close-out/Final Completion	<u>Jan 11</u>	<u>June 11</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**Facilities Audit Program
Building Summary**

Building Name: Guggenheim Hall **Number:** 0055
Construction Date: 1910 **Gross Square Feet:** 17,569 **Net Square Feet:** 14,187
Date of Audit: 09/24/2007 **Cycle:** 6 **Phase:** 2 **No. of Stories:** 2
Classification: M120 Classroom, 2-3 Story **SBP Class:** 10 Classroom/Office
Replacement Cost: \$1,904,832.74 **Cost Per SF:** \$108.42

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.2000	0.02	0.0040	\$7,619.33
Ext Walls	0.2500	0.04	0.0100	\$19,048.33
Floors	0.1000	0.12	0.0120	\$22,857.99
Roof	0.1000	0.05	0.0050	\$9,524.16
Ceiling	0.3000	0.04	0.0120	\$22,857.99
Int Walls	0.2000	0.06	0.0120	\$22,857.99
Windows	0.5000	0.03	0.0150	\$28,572.49
Doors	0.4000	0.04	0.0160	\$30,477.32
Heat	0.0700	0.17	0.0119	\$22,667.51
Plumbing	0.3500	0.07	0.0245	\$46,668.40
Electrical	0.8900	0.11	0.0979	\$186,483.12
Convey	0.2200	0.01	0.0022	\$4,190.63
Safety	0.0500	0.01	0.0005	\$952.42
AE/OP	0.2230	0.18	0.0401	\$76,459.99

Component Deficiency Total: 0.2631

Outstanding Maintenance: \$501,237.68
Facilities Condition Index (FCI): 73.69

FCI = (1-Component Deficiency Total) x 100

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

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