

UCSU 1.9/5/2007-08
c.2

STATE BUILDINGS AND
REAL ESTATE
PROGRAMS

CONTROLLED
MAINTENANCE
REPORT 2007-2008

FACILITIES MANAGEMENT
(SEPTEMBER 2006)

K:Drive/Planning/Controlled Maintenance/CM Report for Rod

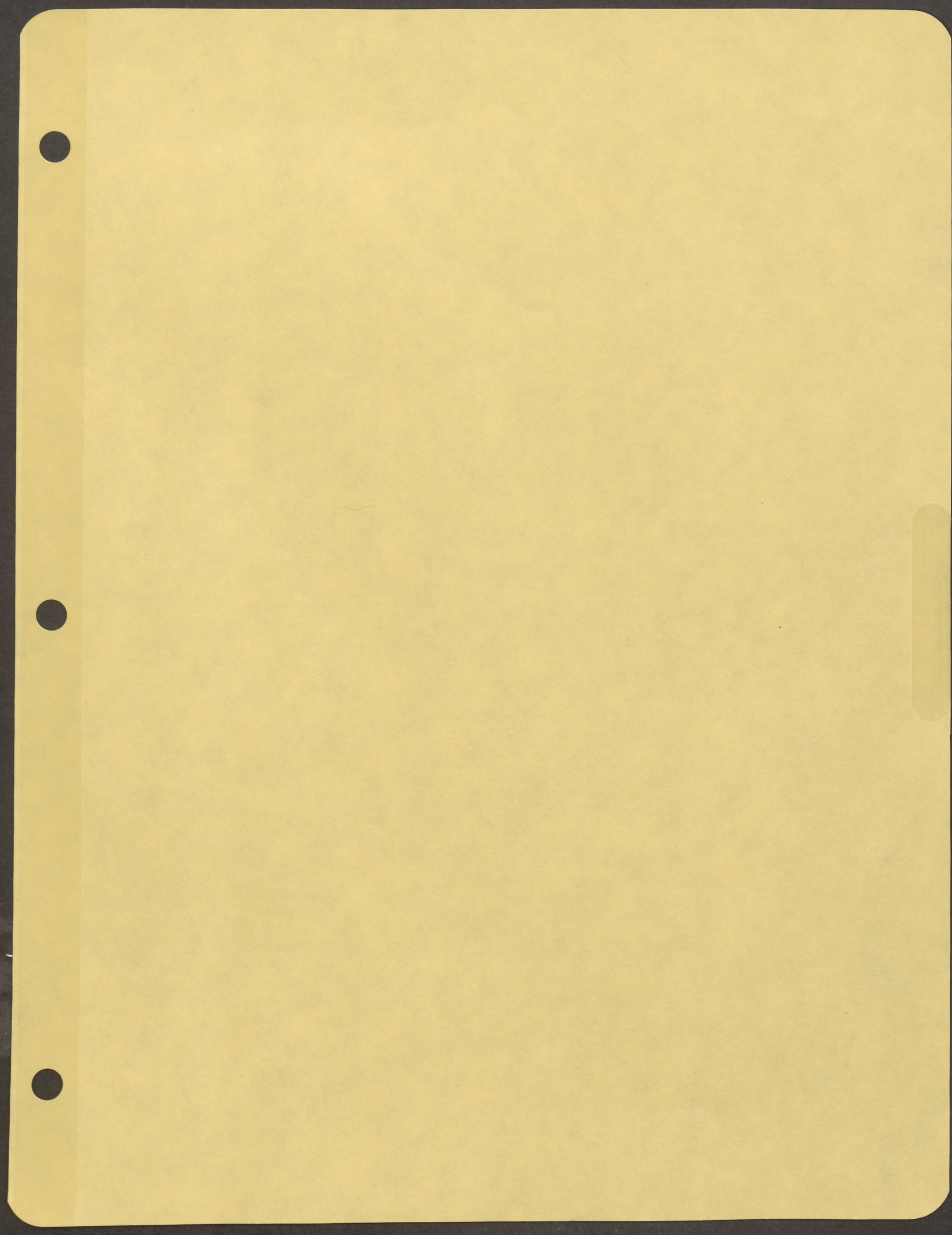
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Agency Priority Number	Project M#	Project Title - Number of Phases	Total Project Cost	Prior Appropriation	FY 07/08 Current Yr Request	FY 08/09 Budget Request	FY 09/10 Budget Request	FY 10/11 Budget Request	FY 11/12 Budget Request
1	3-01	Replace Det. Fire Alarms - Phase 2 of 3	\$1,200,000	\$400,000	\$400,000	\$400,000			
1	2-97	Replace Det. Items - Forestry Building - Phase 2 of 2	\$1,140,570	\$551,876	\$588,694				
1	1-04	Replace Det. Environmental Control System - Phase 2 of 3	\$956,666	\$267,121	\$344,773	\$344,772			
1	1-99	Replace Det. Items - Music Building - Phase 2 of 2	\$1,349,165	\$697,565	\$651,600				
1	2-01	Replace Det. Steam & Condensate - North Line - Phase 2 of 3	\$1,975,777	\$490,415	\$678,664	\$806,698			
1	16-00	Sanitary Sewer Improvements - Phase 1 of 3	\$1,919,556		\$639,852	\$639,852	\$639,852		
1	4-04	Utility Long Range Plan - Electrical System Upgrades - Project 1 - Phase 1 of 3	\$1,543,200		\$580,800	\$291,900	\$670,500		
1	5-02	Replace Det. Classroom Seating - Phase 1 of 1	\$702,245		\$702,245				
1	8-03	Replace Det. Items - Engineering Research Center - Phase 1 of 3	\$1,858,746		\$619,582	\$619,582	\$619,582		
1	1-05	Direct Digital Control System Conversion Project 1 - Phase 1 of 3	\$1,186,907		\$493,907	\$346,500	\$346,500		
1	3-07	Replace Det. Fume Hoods - Chemistry - Phase 1 of 2	\$1,366,000		\$683,000	\$683,000			
2	9-03	Replace Det. Items - Visual Arts Building - Phase 1 of 3	\$1,341,450			\$447,150	\$447,150	\$447,150	
2	3-01	Fire Alarms Systems - Code Compliance - Phase 1 of 2	\$1,275,297			\$637,649	\$637,648		
2	3-97	Replace Det. Items - Guggenheim Hall - Phase 1 of 3	\$1,410,492			\$470,164	\$470,164	\$470,164	
2	6-98	Replace Det. Items - Shepardson Building - Phase 1 of 3	\$1,999,999				\$608,702	\$820,942	\$570,355
2	3-04	Replace Det. Chillers with Cooling Loop Connection - Phase 1 of 1	\$400,000				\$400,000		
2	5-00	Replace Det. Roads & Sidewalks - Phase 1 of 3	\$1,275,510				\$425,170	\$425,170	\$425,170
2	10-00	Replace Det. Items - Military Science Building - Phase 1 of 1	\$640,000				\$640,000		
2	3-05	Replace Det. Items - Multiple Research Centers - Phase 1 of 2	\$749,790					\$374,895	\$374,895
2	5-04	Replace District Heating Plant Boiler No. 3 - Phase 1 of 3	\$1,743,639					\$581,213	\$1,162,426
2	5-05	Replace Det. Mechanical and Electrical Systems - Eng. "E" Wing - Phase 1 of 2	\$1,600,000					\$800,000	\$800,000
2	2-05	Replace Det. Air Handlers & Painter Center HVAC Improvements - Phase 1 of 2	\$1,821,555					\$910,777	\$910,778
3	6-05	Replace Det. Condensate Line - West Drive - Phase 1 of 1	\$641,250					\$641,250	
3	7-05	Replace Det. Boilers - VTH - Phase 1 of 1	\$750,000					\$750,000	
3	3-02	Replace Det. Items - San Juan Basin - Phase 1 of 4	\$1,999,999				*	\$1,000,000	\$999,999
3	1-06	Replace Det. Items - Lake Street Greenhouse - Phase 1 of 2	\$1,220,712				*		\$1,220,712
3	2-06	Replace Det. Items - Insectary & Weed Research - Phase 1 of 1	\$951,856						\$951,856
3	4-05	Replace Det. Steam & Condensate - Northwest Campus - Phase 1 of 3	\$1,680,750				*		\$1,680,750
3	4-00	Replace Det. Items - Military Annex Building - Phase 1 of 1	\$613,140						\$613,140
3	2-04	Replace Det. Refrigeration Units Group 2 - Phase 1 of 1	\$623,000						\$623,000
3	1-07	Annual Phase Health & Life Safety Phase 1 of 3	\$1,746,800				*		\$1,746,800
3	2-07	Replace Deteriorated Chillers - Anatomy Zoology - Phase 1 of 3	\$1,999,999				*		\$1,999,999
3	4-07	Replace Overhead Electric Lines - Foothills Campus - Phase 1 of 3	\$1,880,700				*		\$1,880,700
Five Year Total			\$43,564,770		\$6,383,117	\$5,687,267	\$5,905,268	\$7,221,561	\$15,960,580
*Projects will be phased.									

COLORADO STATE UNIVERSITY

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7a)	(7b)	(8)	(9)	(10)	
Project Number	Project Description, Phase	CCFE Funding	Other Funds	Date Funds Available	Funds Encumbered	% of Funds Encumbered	Funds Expended	% Expended	Project Substantially Complete Date	Final SC 4_1 Date	Comments/Status	
03-005	M3020F		\$0	\$330,405	10/03					11/04	7/05	Closed
05-017	M05009		\$481,390		7/05							
05-017	M05009		\$764,563		7/06	\$316,551	16%	\$106,470	22%	11/07-P	7/09-P	Construction
05-073	M06055		\$697,565		7/06	\$0	0%	\$0	0%	10/08-P	7/09-P	Design
05-040	M06056		\$490,415		7/06	\$0	0%	\$0	0%	11/08-P	7/09-P	Pre-Design
05-074	M06057		\$267,121		7/06	\$0	0%	\$0	0%	4/09-P	7/09-P	Pre-Design
05-075	M06058		\$551,876		7/06	\$0	0%	\$0	0%	Unknown	7/09-P	Pre-Design
05-076	M06059		\$400,000		7/06	\$0	0%	\$0	0%	4/09-P	7/09-P	Pre-Design
05-082	M06003		\$696,293		7/06	\$0	0%	\$0	0%	2/07-P	7/09-P	Pre-Design
										P=Projected		



COLORADO STATE UNIVERSITY												
(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7a)	(7b)	(8)	(9)	(10)	
Project Number	Project Description, Phase	CCFE Funds	Other Funds	Date Funds Available	Funds Encumbered	% of Funds Encumbered	Funds Expended	% Expended	Project Substantially Complete Date	Final SC 4_1 Date	Comments/Status	
05-005	P0013	University Center for the Arts Renovator of OFCHS Ph 3 of 3	\$16,726,142	6/06								
05-005	P0013	University Center for the Arts Renovator of OFCHS Ph 3 of 3		6/06	\$2,340,324	8%	\$6,449,937	23%	7/08-P	7/06-P	Design	
01-088	P0303	Bioenvironmental Research Building Expansion Ph 1 -3		6/03								
01-088	P0303	Bioenvironmental Research Building Expansion Ph 1 -3		7/06	\$663,918	4%	\$3,415,973	18%	10/08-P	7/09-P	Design	
Equipment	P0304	Veterinary Teaching Hospital Diagnostic Equipment		7/03	\$1,320,193		\$3,000	0%				
??	P0305	Engineering Addition		7/05	\$3,147,575		\$0	0%				
02-125	P0338	Hughes Stadium Expansion, Ph 1 of 1		7/04	\$12,949,517		\$1,048	0%				
02-069	P0342	Regional Biocontainment Laboratory Ph 1 of 1		7/03	\$1,500,000							
02-069	P0342	Regional Biocontainment Laboratory Ph 1 of 1		7/04	\$22,461,000							
02-069	P0342	Regional Biocontainment Laboratory Ph 1 of 1		7/06	\$1,591,355							
02-069	P0342	Regional Biocontainment Laboratory Ph 1 of 1		7/06	\$5,718,700		\$11,144,835	36%				
03-061	P0407	Atmospheric Science Chemistry Addition, Ph 1 of 1		7/04	\$2,500,000		\$0	0%				
04-054	P0512	Small Animal Research Annex		7/05	\$2,239,000		\$3,372	0%				
05-001	P0514	Regulated Materials Handling Facility	\$1,502,078	7/05			\$60,268	4%				
04-112	P0515	Shortgrass Steepe Field Station Additions and Alternations		7/05	\$3,800,000		\$212,078	6%				
05-077	P0616	Atmospheric Sciences Building/MMAP Phase 1 of 1		7/06	\$4,965,627		\$0	0%				
05-072	P0618	Diagnostic Medicine Center	\$3,500,000	7/06			\$0	0%				
05-078	P0619	CETT Renovation		7/06	\$6,052,619		\$0	0%				
05-052	P0620	ISTEC Addition/Renovation-Relocate Computer Sciences Dept.		7/06	\$12,993,100		\$1,029,000	8%				
05-080	P0622	VTH Mechanical & Fire Sprinklers		7/06	\$3,225,172		\$0	0%				
05-081	P0657	Linear Accelerator		7/06	\$3,000,000		\$0	0%				
									P=Projected			

CONTROLLED MAINTENANCE AGENCY'S BUILDING INVENTORY LIST - 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS

COLORADO STATE UNIVERSITY

FACILITIES MANAGEMENT DEPARTMENT

August 28, 2006

Building Name	Risk No.	Bldg. No.	Occ. Type	Fund.	G.S.F.	Vacant	C.R.V.	Date Built	Date Acq.	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	0	\$493,345	1946		2003	69.00	94.00	\$152,937	\$29,601	\$123,336				
Palmer Center	3189	0004	50	0	17,671	0	\$1,855,813	1967		2003	94.00	94.00	\$111,349	\$111,349	\$0				
Westfall Hall	3190	0005	50	0	104,898	0	\$11,016,415	1967		2003	94.00	94.00	\$660,985	\$660,985	\$0				
Durrell Center	3191	0006	50	0	46,226	0	\$4,854,667	1967		2003	82.00	94.00	\$873,840	\$291,280	\$582,560				
Durward Hall	3192	0007	50	0	104,898	0	\$11,016,415	1967		2003	91.00	94.00	\$991,477	\$660,985	\$330,492				
Lory South	3193	0008	50	0	34,638	0	\$3,183,027	1950		2003	81.00	94.00	\$604,775	\$190,982	\$413,794				
Lory North	3194	0009	50	0	34,638	0	\$3,183,027	1950		2003	81.00	94.00	\$604,775	\$190,982	\$413,794				
Corbett Hall	3195	0010	50	0	223,334	0	\$20,523,072	1965		2003	88.00	94.00	\$2,462,769	\$1,231,384	\$1,231,384				
Parmelee Hall	3196	0011	50	0	111,034	0	\$10,203,367	1962		2003	81.00	94.00	\$1,938,640	\$612,202	\$1,326,438				
Green Hall	3197	0013	16	100	18,755	0	\$1,723,448	1953		2003	84.00	94.00	\$275,752	\$103,407	\$172,345				
Allison Hall	3198	0014	50	0	98,023	0	\$9,007,733	1957		2003	77.00	94.00	\$2,071,779	\$540,464	\$1,531,315				
Rockwell Hall	3199	0015	16	100	61,198	0	\$10,109,001	1940		2003	94.58	94.00	\$547,908	\$606,540	\$0				
Softball Dugouts	5125	0016	15	100	255	0	\$27,287	1995		2003	49.00	90.00	\$13,917	\$2,729	\$11,188				
Ingersoll Hall	3200	0017	50	0	98,802	0	\$9,079,319	1964		2003	70.00	94.00	\$2,723,796	\$544,759	\$2,179,037				
Edwards Hall	3201	0018	50	0	98,023	0	\$9,007,733	1964		2003	78.00	94.00	\$1,981,701	\$540,464	\$1,441,237				
Ellis Hall	3202	0019	50	0	86,198	0	\$7,921,086	1956		2003	70.00	94.00	\$2,376,326	\$475,265	\$1,901,061				
Newsom Hall	3203	0020	50	0	104,510	0	\$9,603,850	1954		2003	63.00	94.00	\$3,553,425	\$576,231	\$2,977,194				
Aylesworth Hall	3204	0021	10	100	87,523	0	\$9,192,118	1956		2003	61.23	94.00	\$3,563,784	\$551,527	\$3,012,257			M01013	
Braiden Hall	3205	0022	50	0	110,837	0	\$10,185,264	1963		2003	86.00	94.00	\$1,425,937	\$611,116	\$814,821				
Baseball Scorers Box	3206	0023	15	100	128	0	\$4,830	1984		2003	49.00	90.00	\$2,463	\$483	\$1,980				
Softball Scorers Box	5126	0024	15	100	95	0	\$3,581	1995		2003	49.00	90.00	\$1,826	\$358	\$1,468				
Hartshorn Health Center (HHC)	3207	0025	41	0	39,169	0	\$5,165,415	1964		2003	78.40	94.00	\$1,115,730	\$309,925	\$805,805				
Baseball Dugouts	3208	0026	15	100	528	0	\$24,954	1960		2003	49.00	90.00	\$12,727	\$2,495	\$10,231				
Auditorium Gymnasium	3209	0027	15	100	278,488	0	\$29,380,505	1966		2003	71.77	94.00	\$8,294,116	\$1,762,830	\$6,531,286		P0014, P0015		
Athletic Storage	3210	0028	15	100	536	0	\$5,164	1982		2003	49.00	90.00	\$2,633	\$516	\$2,117				
Thurman "Fum" McGraw Athletic Center	5161	0029	16	0	26,512	0	\$3,207,561	1999		2003	96.00	94.00	\$128,302	\$192,454	\$0				
Student Rec. Center	5004	0030	15	0	90,804	0	\$19,664,718	1989		2003	85.01	94.00	\$2,947,741	\$1,179,883	\$1,767,858				
Tennis Court Storage	3211	0031	15	100	45	0	\$2,127	1999		2003	49.00	90.00	\$1,085	\$213	\$872				
Weather Station	3212	0032	11	100	350	0	\$36,759	1989		2003	78.05	94.00	\$8,069	\$2,206	\$5,863				
Intermural Field Restrooms	8015	0033	15	0	558	0	\$100,298	1997		2003	58.00	90.00	\$42,125	\$10,030	\$32,096				
Intermural Field First Aid/Storage	8016	0034	15	0	776	0	\$11,353	1997		2003	58.00	90.00	\$4,768	\$1,135	\$3,633				
Student Center	3213	0040	40	0	295,488	0	\$38,793,971	1961		2003	78.00	94.00	\$8,534,674	\$2,327,638	\$6,207,035				
Engineering	3217	0041	12	100	211,410	0	\$90,041,814	1957		2003	91.19	94.00	\$7,932,684	\$5,402,509	\$2,530,175				
Computer Cent. Annex	3220	0042	11	100	800	0	\$21,028	1963		2003	59.00	90.00	\$8,622	\$2,103	\$6,519				
Statistics	3221	0044	16	100	25,528	0	\$4,136,449	1908		2003	87.24	94.00	\$527,811	\$248,187	\$279,624				
Louis R. Weber	3222	0045	11	100	55,225	0	\$5,799,744	1922		2003	92.03	94.00	\$462,240	\$347,985	\$114,255				
Music	3224	0046	13	100	31,370	0	\$3,294,592	1927		2003	48.93	94.00	\$1,682,548	\$197,676	\$1,484,873			M00034, M01011	
Ammons Hall	3226	0050	16	100	24,467	0	\$2,697,939	1921		2003	88.80	94.00	\$302,169	\$161,876	\$140,293				
Danforth Chapel	3227	0051	20	100	1,059	0	\$556,059	1954		2003	71.72	94.00	\$157,254	\$33,364	\$123,890				
Guggenheim Hall	3228	0055	10	100	16,735	0	\$1,537,825	1910		2003	43.29	94.00	\$872,100	\$92,269	\$779,831			M00034	
Home Management	3229	0056	16	100	4,331	0	\$341,132	1925		2003	64.00	94.00	\$122,808	\$20,468	\$102,340				

Industrial Sciences	3231	0058	14	100	28,009	0	\$2,573,861	1884		2003	75.83	94.00	\$622,102	\$154,432	\$467,671			
Laurel Hall	3232	0059	30	100	14,780	0	\$1,358,195	1884		2003	98.55	94.00	\$19,694	\$81,492	\$0			
Industrial Sci. Labs	3233	0060	14	100	20,246	0	\$1,860,460	1925		2003	75.28	94.00	\$459,906	\$111,628	\$348,278			
Rouff Hall	3234	0061	16	100	4,918	0	\$659,945	1890		2003	92.96	94.00	\$46,460	\$39,597	\$6,863			
Potting Shed	3235	0062	11	100	498	0	\$32,688	1896		2003	88.60	90.00	\$3,726	\$3,269	\$458			
Sage Hall	3236	0063	11	100	7,038	0	\$1,142,498	1896		2003	86.43	94.00	\$155,037	\$68,550	\$86,487			
Spruce Hall	3238	0064	16	100	18,738	0	\$1,721,886	1881		2003	86.67	94.00	\$229,527	\$103,313	\$126,214			
Occupational Therapy Annex	3240	0065	30	100	984	0	\$64,878	1910		2003	95.77	94.00	\$2,744	\$3,893	\$0			
Occupational Therapy	3241	0066	10	100	22,104	0	\$2,321,368	1919		2003	86.08	94.00	\$323,134	\$139,282	\$183,852			
L. L. Gibbons	3242	0067	14	100	14,084	0	\$1,479,105	1905		2003	96.88	94.00	\$46,148	\$88,746	\$0			
Heating Plant	3245	0068	30	100	19,416	0	\$16,034,558	1915		2003	92.25	94.00	\$1,242,678	\$962,073	\$280,605			M00034
Chilled Water Plant	8830	0069	30	100	3,482	0	\$348,200	1999		2003	97.00	94.00	\$10,446	\$20,892	\$0			
Alder Hall	3248	0071	10	100	6,103	0	\$575,081	1930		2003	84.36	94.00	\$89,943	\$34,505	\$55,438			
College Avenue Gym	3250	0073	15	100	61,877	0	\$6,696,779	1924		2003	91.49	94.00	\$569,896	\$401,807	\$168,089			
Vocational Education	3251	0075	16	100	11,491	0	\$1,061,460	1910		2003	96.65	94.00	\$35,559	\$63,688	\$0			
Student Services	3254	0076	16	100	36,243	0	\$3,330,600	1948		2003	74.91	94.00	\$835,648	\$199,836	\$635,812			P0014
Administration Annex	3255	0077	16	100	43,145	0	\$3,983,017	1950		2003	96.34	94.00	\$145,778	\$238,981	\$0			
Johnson Hall	3257	0079	10	100	48,013	0	\$5,042,501	1936		2003	77.12	94.00	\$1,153,724	\$302,550	\$851,174			
Administration	3258	0080	16	100	32,172	0	\$3,394,148	1924		2003	66.32	94.00	\$1,143,149	\$203,649	\$939,500			M00034
Forestry	3260	0081	10	100	27,046	0	\$2,840,511	1937		2003	50.32	94.00	\$1,411,166	\$170,431	\$1,240,735			M00034, M01017
Natural Resources	3262	0082	10	100	73,027	0	\$8,211,377	1975		2003	82.19	94.00	\$1,462,446	\$492,683	\$969,764			
Nat Resource Res Lab	3263	0083	16	100	4,000	0	\$420,095	1968		2003	69.00	94.00	\$130,229	\$25,206	\$105,024			
J.V.K. Wagar	3264	0084	11	100	48,160	0	\$6,071,060	1939		2003	53.34	94.00	\$2,832,757	\$364,264	\$2,468,493			M00032
Engineering South/Glover	3269	0088	12	100	52,823	0	\$7,642,953	1950		2003	88.20	94.00	\$901,868	\$458,577	\$443,291			
Morgan Library	3275	0090	17	100	299,584	0	\$33,261,231	1964		2003	94.08	94.00	\$1,969,065	\$1,995,674	\$0			P0014
Andrew G. Clark	3276	0091	10	100	254,792	0	\$23,413,140	1967		2003	68.33	94.00	\$7,414,941	\$1,404,788	\$6,010,153			
Plant Sciences	3278	0092	11	100	82,725	0	\$9,774,163	1959		2003	49.65	94.00	\$4,921,291	\$586,450	\$4,334,841			P0017
Shepardson	3281	0093	10	100	47,354	0	\$5,594,992	1939		2003	57.67	94.00	\$2,368,360	\$335,700	\$2,032,661			P0014 M01012
Military Sciences	3282	0094	10	100	13,814	0	\$1,269,425	1927		2003	48.75	94.00	\$650,580	\$76,165	\$574,415			
Military Annex	3284	0095	10	100	6,730	0	\$441,741	1927		2003	28.08	94.00	\$317,700	\$26,504	\$291,196			
Flammable Liquids	3286	0099	30	100	160	0	\$11,975	1977		2003	69.00	90.00	\$3,712	\$1,197	\$2,515			
General Services Bld	3287	0102	16	0	74,907	0	\$9,877,477	1948		2003	72.25	94.00	\$2,741,000	\$592,649	\$2,148,351			
Facilities Svc-North	3294	0104	16	100	31,566	0	\$2,900,801	1957		2003	77.49	94.00	\$652,970	\$174,048	\$478,922			
Insectary	3296	0105	11	100	4,313	0	\$452,967	1967		2003	70.60	94.00	\$133,172	\$27,178	\$105,994			M00034
Madison Macdonald Observatory	3297	0106	11	100	687	0	\$135,288	1965		2003	88.44	94.00	\$15,639	\$8,117	\$7,522			
Weed Research Laboratory	3298	0107	11	100	17,329	0	\$1,592,409	1964		2003	71.89	94.00	\$447,626	\$95,545	\$352,082			
Univ. Greenhouses	3302	0108	11	100	42,614	0	\$3,915,917	1960		2003	50.66	94.00	\$1,932,113	\$234,955	\$1,697,158			M90026
Natural & Environmental Services Bldg	7334	0109	11	100	77,000	0	\$10,957,423	1994		2003	86.73	94.00	\$1,454,050	\$657,445	\$796,605			
Animal Sciences	3305	0110	11	100	40,412	0	\$4,774,808	1959		2003	59.39	94.00	\$1,939,050	\$286,489	\$1,652,561			P0014 M01012
Inst Serv Maint Shop	3307	0111	30	100	220	0	\$108,695	1989		2003	64.00	94.00	\$39,130	\$6,522	\$32,609			
Willard O. Eddy Hall	3308	0113	10	100	69,457	0	\$6,382,486	1963		2003	79.56	94.00	\$1,304,580	\$382,949	\$921,631			
Education	3309	0114	10	100	40,931	0	\$4,298,785	1964		2003	82.80	94.00	\$739,391	\$257,927	\$481,464			
Microbiology	3310	0120	11	100	85,131	0	\$11,176,662	1968		2003	75.97	94.00	\$2,685,752	\$670,600	\$2,015,152			
Stock Judging Pav.	3311	0121	11	100	9,376	0	\$615,393	1960		2003	81.66	94.00	\$112,863	\$36,924	\$75,940			
Motor Pool Storage	3313	0123	30	100	268	0	\$4,438	1984		2003	49.00	90.00	\$2,264	\$444	\$1,820			
Vehicle Maintenance	3314	0124	30	100	1,860	0	\$62,835	1984		2003	59.00	94.00	\$25,762	\$3,770	\$21,992			
Facilities Svc-South	3315	0125	30	100	12,194	0	\$960,463	1957		2003	74.02	94.00	\$249,528	\$57,628	\$191,900			
East Garages	3317	0126	30	100	3,572	0	\$56,196	1927		2003	49.00	90.00	\$28,660	\$5,620	\$23,040			
Electric Shop	3318	0127	30	100	2,088	0	\$137,677	1957		2003	49.00	94.00	\$70,215	\$8,261	\$61,955			

Facilities Storage	3320	0129	30	100	9,249	0	\$243,064	1027	2003	49.00	90.00	\$123,963	\$24,306	\$99,656			
Vehicle Wash	3321	0130	30	100	836	0	\$32,924	1964	2003	59.00	90.00	\$13,499	\$3,292	\$10,206			
Central Receiving	3322	0131	30	100	15,675	0	\$1,234,634	1967	2003	83.42	94.00	\$204,702	\$74,078	\$130,624			
Central Rec. Storage	3324	0132	30	100	4,203	0	\$110,455	1927	2003	65.20	90.00	\$38,438	\$11,045	\$27,393			
Hazardous Waste	3325	0133	30	100	910	0	\$179,996	1983	2003	88.04	90.00	\$21,528	\$18,000	\$3,528			
Hazardous Waste	3326	0134	30	100	2,500	0	\$47,261	1984	2003	86.62	90.00	\$6,324	\$4,726	\$1,597			
Chemical Storage Unit	7935	0135	31	100	144	0	\$48,131	1998	2003	65.00	90.00	\$16,846	\$4,813	\$12,033			
Central Rec. Storage	3328	0136	30	100	4,042	0	\$58,356	1975	2003	80.94	90.00	\$11,123	\$5,836	\$5,287			
Book Storage Fclty.	3329	0137	29	100	28,000	0	\$612,714	1985	2003	88.39	94.00	\$71,136	\$36,763	\$34,373			
MC Substation	7175	0138	30	100	546	0	\$499,145	1967	2003	55.00	90.00	\$224,615	\$49,915	\$174,701			
Pathology	3330	0140	11	100	58,902	0	\$6,929,299	1976	2003	82.08	94.00	\$1,241,730	\$415,758	\$825,972		P0014	
Environmental Health	3332	0141	11	100	18,173	0	\$1,908,595	1970	2003	73.56	94.00	\$504,632	\$114,516	\$390,117			
Physiology	3336	0142	11	100	64,740	0	\$8,499,249	1966	2003	68.64	94.00	\$2,665,364	\$509,955	\$2,155,410			M01012
Anatomy-Zoology	3337	0143	11	100	148,437	0	\$19,575,143	1973	2003	80.95	94.00	\$3,729,065	\$1,174,509	\$2,554,556		P0014, P0116	
Painter Center	3338	0144	11	100	31,139	0	\$3,608,614	1980	2003	84.34	94.00	\$565,109	\$216,517	\$348,592			
Albert C. Yates Hall		0145	11	100	87,841	0	\$17,191,862	2002	2003	100.00	94.00	\$0	\$1,031,512	\$0			
Chemistry	3339	0150	11	100	168,037	0	\$26,469,984	1971	2003	76.96	94.00	\$6,098,684	\$1,588,199	\$4,510,485		P9909	
Visual Arts	3341	0151	13	100	91,997	0	\$7,884,584	1973	2003	77.64	94.00	\$1,762,993	\$473,075	\$1,289,918			
Gifford	3343	0152	10	100	92,278	0	\$8,179,135	1975	2003	73.61	94.00	\$2,158,474	\$490,748	\$1,667,726		P0014	M00034, M90023
Mol. & Rad. Biosci.	5003	0155	11	100	87,670	0	\$15,198,890	1989	2003	92.15	94.00	\$1,193,113	\$911,933	\$281,179		P0014	
Hort. Storage Shed	3344	0172	31	100	1,156	0	\$18,186	1976	2003	49.00	90.00	\$9,275	\$1,819	\$7,456			
Horticulture Garage	3345	0173	31	100	768	0	\$40,344	1976	2003	49.00	90.00	\$20,575	\$4,034	\$16,541			
Greenhouse	3348	0184	11	100	960	0	\$12,614	1976	2003	49.00	94.00	\$6,433	\$757	\$5,676			
Greenhouse No. 6	3354	0191	11	100	264	0	\$10,397	1971	2003	39.00	94.00	\$6,342	\$624	\$5,718			
Greenhouse No. 7	3355	0192	11	100	264	0	\$10,397	1971	2003	39.00	94.00	\$6,342	\$624	\$5,718			
Greenhouse	3356	0193	11	100	1,105	0	\$72,530	1960	2003	39.00	94.00	\$44,243	\$4,352	\$39,891			
Hort. Quonset-North	3357	0194	14	100	3,099	0	\$203,403	1954	2003	39.00	94.00	\$124,076	\$12,204	\$111,871			
Hort. Quonset-South	3358	0195	14	100	3,188	0	\$209,244	1954	2003	39.00	94.00	\$127,639	\$12,555	\$115,084			
Lake St. Greenhouses	3359	0196	11	100	19,398	0	\$1,273,239	1949	2003	58.75	94.00	\$525,211	\$76,394	\$448,817			
Greenhouse	3361	0197	11	100	960	0	\$12,614	1976	2003	49.00	94.00	\$6,433	\$757	\$5,676			
Greenhouse	3362	0198	11	100	960	0	\$12,614	1976	2003	49.00	94.00	\$6,433	\$757	\$5,676			
Aggie Vill North 1	3364	0201	51	0	2,568	0	\$168,550	1961	2003	88.00	94.00	\$20,226	\$10,113	\$10,113			
Aggie Vill North 2	3365	0202	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 3	3366	0203	51	0	2,568	0	\$168,550	1961	2003	88.00	94.00	\$20,226	\$10,113	\$10,113			
University Children's Center	3367	0204	60	0	3,083	0	\$202,352	1961	2003	88.00	94.00	\$24,282	\$12,141	\$12,141			
Aggie Vill North 5	3368	0205	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 6	3369	0206	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 7	3370	0207	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 8	3371	0208	51	0	8,264	0	\$542,430	1961	2003	88.00	94.00	\$65,092	\$32,546	\$32,546			
Aggie Vill North 9	3372	0209	51	0	3,855	0	\$253,023	1961	2003	88.00	94.00	\$30,363	\$15,181	\$15,181			
Aggie Vill North 10	3373	0210	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 11	3374	0211	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 12	3375	0212	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 13	3376	0213	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 14	3377	0214	51	0	2,568	0	\$168,550	1961	2003	88.00	94.00	\$20,226	\$10,113	\$10,113			
Aggie Vill North 15	3378	0215	51	0	2,568	0	\$168,550	1961	2003	88.00	94.00	\$20,226	\$10,113	\$10,113			
Aggie Vill North 16	3379	0216	51	0	8,264	0	\$542,407	1961	2003	88.00	94.00	\$65,089	\$32,544	\$32,544			
Aggie Vill North 17	3380	0217	51	0	2,568	0	\$168,550	1961	2003	88.00	94.00	\$20,226	\$10,113	\$10,113			
Aggie Vill North 6s	3384	0221	51	0	135	0	\$8,861	1961	2003	88.00	94.00	\$1,063	\$532	\$532			

Aggie Vill North 7s	3386	0223	51	0	135	0	\$8,861	1961		2003	88.00	94.00	\$1,063	\$532	\$532			
Aggie Vill North 11s	3392	0229	51	0	135	0	\$8,861	1961		2003	88.00	94.00	\$1,063	\$532	\$532			
Aggie Vill North 12s	3394	0231	51	0	135	0	\$8,861	1961		2003	88.00	94.00	\$1,063	\$532	\$532			
Aggie Vill South 18	3399	0301	51	0	2,559	0	\$167,960	1964		2003	89.00	94.00	\$18,476	\$10,078	\$8,398			
Aggie Vill South 19	3400	0302	51	0	2,559	0	\$167,960	1964		2003	89.00	94.00	\$18,476	\$10,078	\$8,398			
Aggie Vill South 20	3401	0303	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 21	3402	0304	51	0	2,559	0	\$167,960	1964		2003	89.00	94.00	\$18,476	\$10,078	\$8,398			
Aggie Vill South 22	3403	0305	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 23	3404	0306	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 24	3405	0307	51	0	3,281	0	\$215,348	1964		2003	88.00	94.00	\$25,842	\$12,921	\$12,921			
Aggie Vill South 25	3407	0308	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 26	3408	0309	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 27	3409	0310	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 28	3410	0311	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 29	3411	0312	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 30	3412	0313	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 31	3413	0314	51	0	2,559	0	\$167,960	1964		2003	89.00	94.00	\$18,476	\$10,078	\$8,398			
Aggie Vill South 32	3414	0315	51	0	8,234	0	\$540,438	1964		2003	89.00	94.00	\$59,448	\$32,426	\$27,022			
Aggie Vill South 33	3415	0316	51	0	2,559	0	\$167,960	1964		2003	89.00	94.00	\$18,476	\$10,078	\$8,398			
Aggie Vill South 34	3416	0317	51	0	2,559	0	\$167,960	1964		2003	89.00	94.00	\$18,476	\$10,078	\$8,398			
S. Aggie Mail Kiosk	7180	0318	60	0	109	0	\$18,716	1992		2003	89.00	94.00	\$2,059	\$1,123	\$936			
Storage	3439	0422	31	100	402	0	\$10,567	1964		2003	49.00	90.00	\$5,389	\$1,057	\$4,332			
Storage	3440	0423	31	100	1,579	0	\$41,504	1964		2003	49.00	90.00	\$21,167	\$4,150	\$17,017			
Ground Storage	5127	0425	31	100	634	0	\$7,602	1995		2003	49.00	90.00	\$3,877	\$760	\$3,117			
Pump House	3441	0431	31	100	49	0	\$1,288	1964		2003	49.00	90.00	\$657	\$129	\$528			
Mary and Robert Flint Cancer Center	9400	0550	41	100	35,217	0	\$7,124,880	2002		2003	100.00	94.00	\$0	\$427,493	\$0			
VTH - Feed Storage	7940	0551	31	100	140	0	\$1,199	1998		2003	49.00	90.00	\$612	\$120	\$492			
Isolation Barn	3443	0553	41	100	2,109	0	\$155,300	1979		2003	75.39	94.00	\$38,219	\$9,318	\$28,901			
Horse Barn and Animal Food Barn	3444	0554	41	100	45,194	0	\$3,327,950	1979		2003	77.46	94.00	\$750,120	\$199,677	\$550,443			
Vet. Teaching Hosp.	3445	0555	41	100	137,233	0	\$20,212,421	1979		2003	78.40	94.00	\$4,365,883	\$1,212,745	\$3,153,138			M01016
Canine/Raptor	3446	0556	41	100	3,632	0	\$688,728	1981		2003	82.66	94.00	\$119,425	\$41,324	\$78,102			
Dairy Center	3448	0557	31	100	91,157	0	\$3,319,147	1981		2003	75.03	94.00	\$828,791	\$199,149	\$629,642			
Maintenance Garage	3449	0558	29	100	1,212	0	\$44,130	1981		2003	83.51	94.00	\$7,277	\$2,648	\$4,629			
Storage	3450	0559	31	100	2,125	0	\$33,431	1957		2003	49.00	90.00	\$17,050	\$3,343	\$13,707			
Storage	3451	0560	31	100	2,125	0	\$33,431	1957		2003	49.00	90.00	\$17,050	\$3,343	\$13,707			
Solids Separator	3452	0561	31	100	400	0	\$14,565	1981		2003	49.00	90.00	\$7,428	\$1,457	\$5,972			
Storage	3453	0562	31	100	2,125	0	\$33,431	1957		2003	49.00	90.00	\$17,050	\$3,343	\$13,707			
Gail Holmes Orthopedic Research lab		0563	31	100	14,507	0	\$1,521,912	2002		2003	100.00	94.00	\$0	\$91,315	\$0			
Hay Shed	3456	0565	31	100	3,684	0	\$111,574	1957		2003	49.00	90.00	\$56,903	\$11,157	\$45,745			
Hay Shed	3457	0566	31	100	3,684	0	\$96,834	1957		2003	49.00	90.00	\$49,385	\$9,683	\$39,702			
Hay Shed	3458	0567	31	100	8,500	0	\$98,834	1981		2003	49.00	90.00	\$50,406	\$9,883	\$40,522			
Hay Shed	3459	0568	31	100	8,500	0	\$98,834	1981		2003	49.00	90.00	\$50,406	\$9,883	\$40,522			
Digester Building	3460	0569	31	100	2,990	0	\$178,646	1983		2003	49.00	90.00	\$91,109	\$17,865	\$73,245			
Settling Tank	3461	0570	31	100	930	0	\$11,454	1983		2003	49.00	90.00	\$5,842	\$1,145	\$4,696			
Grain Bin	3462	0571	31	100	257	0	\$3,857	1984		2003	49.00	90.00	\$1,967	\$386	\$1,581			
Grain Bin	3463	0572	31	100	257	0	\$3,857	1984		2003	49.00	90.00	\$1,967	\$386	\$1,581			
Grain Bin	3464	0573	31	100	257	0	\$3,857	1984		2003	49.00	90.00	\$1,967	\$386	\$1,581			
Animal Shelter	3465	0574	31	100	913	0	\$12,720	1985		2003	49.00	90.00	\$6,487	\$1,272	\$5,215			
Animal Shelter	3466	0575	31	100	913	0	\$12,720	1985		2003	49.00	90.00	\$6,487	\$1,272	\$5,215			

Animal Shelter	3467	0576	31	100	1,408	0	\$19,623	1985		2003	49.00	90.00	\$10,008	\$1,962	\$8,045				
Pump House	3468	0577	31	100	462	0	\$11,432	1979		2003	49.00	90.00	\$5,830	\$1,143	\$4,687				
Lrg.Anim.Rehab.Unit	3469	0578	41	100	3,900	0	\$134,730	1986		2003	74.00	94.00	\$35,030	\$8,084	\$26,946				
Animal Shelter	7323	0579	31	100	900	0	\$8,311	1993		2003	49.00	90.00	\$4,238	\$831	\$3,407				
Electrical Storage Shed	5128	0580	31	100	392	0	\$10,302	1975		2003	49.00	90.00	\$5,254	\$1,030	\$4,224				
Hazardous Chemical Storage	7961	0581	31	100	257	0	\$40,685	1999		2003	70.00	90.00	\$12,206	\$4,069	\$8,137				
Old Fort Collins High School	4239	0601	10	100	143,399	143,399	\$17,763,286	1926	1997	2003	58.75	94.00	\$7,327,356	\$1,065,797	\$6,261,558		P0013		
Old Fort Collins High School - Annex	4240	0602	16	100	18,025	7,723	\$2,305,573	1957	1997	2003	74.69	94.00	\$583,540	\$138,334	\$445,206				
Old Fort Collins High School - Classroom	4241	0603	10	100	1,083	0	\$51,194	1957	1997	2003	74.00	94.00	\$13,310	\$3,072	\$10,239				
Old Fort Collins High School - Storage	4242	0604	30	100	370	0	\$8,588	1957	1997	2003	65.00	90.00	\$3,006	\$859	\$2,147				
Old Fort Collins High School - Lawn Shed	4238	0606	31	100	1,874	0	\$54,717	1997	1997	2003	49.00	90.00	\$27,906	\$5,472	\$22,434				
Natural Resource Research Center A	5162	0701	16	0	123,253	0	\$11,767,754	1999		2003	99.00	94.00	\$117,678	\$706,065	\$0				
Natural Resource Research Center B		0702	16	0	121,012	0	\$13,894,584	2002		2003	99.00	94.00	\$138,946	\$833,675	\$0				
Univ Village East 1	3470	0801	51	0	10,764	0	\$621,615	1968		2003	84.00	94.00	\$99,458	\$37,297	\$62,161				
Univ Village East 2	3471	0802	51	0	9,227	0	\$532,854	1968		2003	84.00	94.00	\$85,257	\$31,971	\$53,285				
Univ Village East 3	3472	0803	51	0	6,401	0	\$369,654	1968		2003	84.00	94.00	\$59,145	\$22,179	\$36,965				
Univ Village East 4	3473	0804	51	0	6,151	0	\$355,217	1968		2003	84.00	94.00	\$56,835	\$21,313	\$35,522				
Univ Village East 5	3474	0805	51	0	6,151	0	\$355,217	1968		2003	84.00	94.00	\$56,835	\$21,313	\$35,522				
Univ Village East 6	3475	0806	51	0	12,302	0	\$710,433	1968		2003	84.00	94.00	\$113,669	\$42,626	\$71,043				
Univ Village East 7	3476	0807	51	0	6,366	0	\$367,633	1968		2003	84.00	94.00	\$58,821	\$22,058	\$36,763				
Univ Village East 8	3477	0808	51	0	10,764	0	\$621,615	1968		2003	84.00	94.00	\$99,458	\$37,297	\$62,161				
Univ Village East 9	3478	0809	51	0	2,262	0	\$130,629	1968		2003	87.00	94.00	\$16,982	\$7,838	\$9,144				
Univ Village East 10	3479	0810	51	0	6,151	0	\$355,217	1968		2003	84.00	94.00	\$56,835	\$21,313	\$35,522				
Univ Village East 11	3480	0811	51	0	7,689	0	\$444,035	1968		2003	84.00	94.00	\$71,046	\$26,642	\$44,404				
Univ Village East 12	3481	0812	51	0	9,441	0	\$545,212	1968		2003	84.00	94.00	\$87,234	\$32,713	\$54,521				
Univ Village East 13	3482	0813	51	0	9,227	0	\$532,854	1968		2003	84.00	94.00	\$85,257	\$31,971	\$53,285				
Univ Village East 14	3483	0814	51	0	6,366	0	\$367,633	1968		2003	84.00	94.00	\$58,821	\$22,058	\$36,763				
Univ Village East 15	3484	0815	51	0	9,227	0	\$532,854	1968		2003	84.00	94.00	\$85,257	\$31,971	\$53,285				
Univ Village West 16	3485	0816	51	0	6,572	0	\$379,529	1974		2003	95.00	94.00	\$18,976	\$22,772	\$0				
Univ Village West 17	3486	0817	51	0	6,543	0	\$377,854	1974		2003	95.00	94.00	\$18,893	\$22,671	\$0				
Univ Village West 18	3487	0818	51	0	8,171	0	\$471,870	1974		2003	95.00	94.00	\$23,594	\$28,312	\$0				
Univ Village West 19	3488	0819	51	0	11,896	0	\$686,987	1974		2003	95.00	94.00	\$34,349	\$41,219	\$0				
Univ Village West 20	3489	0820	51	0	11,891	0	\$686,698	1974		2003	95.00	94.00	\$34,335	\$41,202	\$0				
Univ Village West 21	3490	0821	51	0	6,553	0	\$378,432	1974		2003	95.00	94.00	\$18,922	\$22,706	\$0				
Univ Village West 22	3491	0822	51	0	4,915	0	\$283,838	1974		2003	95.00	94.00	\$14,192	\$17,030	\$0				
Univ Village West 23	3492	0823	51	0	8,179	0	\$472,332	1974		2003	95.00	94.00	\$23,617	\$28,340	\$0				
Univ Village West 24	3493	0824	51	0	9,825	0	\$567,388	1974		2003	95.00	94.00	\$28,369	\$34,043	\$0				
Univ Village West 25	3494	0825	51	0	9,836	0	\$568,023	1974		2003	95.00	94.00	\$28,401	\$34,081	\$0				
Univ Village West 26	3495	0826	51	0	11,887	0	\$686,467	1974		2003	95.00	94.00	\$34,323	\$41,188	\$0				
Univ Village West 27	3496	0827	51	0	11,468	0	\$662,270	1974		2003	95.00	94.00	\$33,114	\$39,736	\$0				
Univ Village West 28	3497	0828	51	0	11,459	0	\$661,751	1974		2003	95.00	94.00	\$33,088	\$39,705	\$0				
Univ Village West 29	3498	0829	51	0	8,616	0	\$497,569	1974		2003	95.00	94.00	\$24,878	\$29,854	\$0				
Univ Village West 30	3499	0830	51	0	8,195	0	\$473,256	1974		2003	95.00	94.00	\$23,663	\$28,395	\$0				
Univ Village West 31	3500	0831	51	0	8,631	0	\$498,435	1974		2003	95.00	94.00	\$24,922	\$29,906	\$0				
Univ Village West 32	3501	0832	51	0	9,852	0	\$568,947	1974		2003	95.00	94.00	\$28,447	\$34,137	\$0				
Univ Village West 33	3502	0833	51	0	11,444	0	\$660,884	1974		2003	95.00	94.00	\$33,044	\$39,653	\$0				
International House	7335	0835	51	0	98,038	0	\$6,428,947	1994		2003	95.00	94.00	\$321,447	\$385,737	\$0				
Univ Village West 34	3503	0839	51	0	8,641	0	\$794,057	1974		2003	91.00	94.00	\$71,465	\$47,643	\$23,822				
Housing Services Center	3504	0840	30	0	14,675	0	\$963,233	1974		2003	97.00	94.00	\$28,897	\$57,794	\$0				

Housing Warehouse	7936	0845	30	0	40,600	0	\$1,815,382	1997		2003	94.00	90.00	\$108,923	\$181,538	\$0			
University Village North/West 1	7336	0851	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 2	7337	0852	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 3	7338	0853	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 4	7339	0854	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 5	7328	0855	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 6	7329	0856	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 7	7340	0857	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
University Village North/West 8	7937	0858	51	0	8,259	0	\$589,322	1994		2003	94.00	94.00	\$35,359	\$35,359	\$0			
Visitors Center	7220	0930	29	100	5,688	0	\$505,391	1991		2003	74.00	94.00	\$131,402	\$30,323	\$101,078			
University Square # 1311	7221	0931	16	100	16,575	0	\$1,392,015	1993		2003	74.00	94.00	\$361,924	\$83,521	\$278,403			
Helmshire Hall		0935	50	0	22,531	0	\$2,630,494	2002		2003	74.00	94.00	\$683,929	\$157,830	\$526,099			
Meat Packing Plant	7484	0955	11	100	5,139	0	\$531,872	1993		2003	74.00	94.00	\$138,287	\$31,912	\$106,374			
Runway Light Control	3511	1001	29	100	148	0	\$3,890	1941		2003	49.00	90.00	\$1,984	\$389	\$1,595			
West Hangar	3512	1002	30	100	4,870	0	\$255,827	1941		2003	83.70	90.00	\$41,700	\$25,583	\$16,117			
Ram Flying Club	3513	1003	29	100	293	0	\$23,078	1941		2003	49.00	90.00	\$11,770	\$2,308	\$9,462			
Shop Hangar	3514	1004	29	100	6,022	0	\$474,320	1941		2003	49.00	94.00	\$241,903	\$28,459	\$213,444			
Engr. Renewal+Growth	3516	1005	11	100	1,551	0	\$101,800	1941		2003	64.00	94.00	\$36,648	\$6,108	\$30,540			
Facilities Maint.	3517	1006	30	100	6,004	0	\$472,902	1940		2003	64.00	94.00	\$170,245	\$28,374	\$141,871			
Atmos. Simulation	3518	1007	11	100	10,260	0	\$1,885,534	1968		2003	87.26	94.00	\$240,217	\$113,132	\$127,085			
Storage	3519	1008	31	100	2,045	0	\$87,196	1981		2003	49.00	90.00	\$44,470	\$8,720	\$35,750			
Storage	3520	1009	31	100	407	0	\$2,640	1981		2003	49.00	90.00	\$1,347	\$264	\$1,083			
ENSR		1011	12	0	20,079	0	\$2,276,705	1994		2003	85.00	94.00	\$341,506	\$136,602	\$204,903			
Storage	3521	1013	31	100	176	0	\$1,142	1984		2003	49.00	90.00	\$582	\$114	\$468			
A.E.R.C. Annex	3522	1014	16	100	5,041	0	\$257,891	1980		2003	53.02	94.00	\$121,157	\$15,473	\$105,684			
Ag. Engr. Rsch. Ctr.	3523	1015	11	100	15,174	0	\$1,200,281	1939		2003	86.78	94.00	\$158,677	\$72,017	\$86,660			
Project Lab	3524	1016	11	100	1,471	0	\$31,462	1977		2003	59.00	94.00	\$12,900	\$1,888	\$11,012			
Storage	3525	1017	31	100	4,766	0	\$203,220	1980		2003	49.00	90.00	\$103,642	\$20,322	\$83,320			
Explosives Storage	3527	1040	31	100	58	0	\$6,472	1975		2003	49.00	90.00	\$3,301	\$647	\$2,654			
Explosives Storage	3528	1041	31	100	37	0	\$4,129	1975		2003	49.00	90.00	\$2,106	\$413	\$1,693			
Explosives Storage	3529	1042	31	100	58	0	\$6,472	1975		2003	49.00	90.00	\$3,301	\$647	\$2,654			
Pump House	3530	1051	31	100	249	0	\$65,379	1961		2003	49.00	90.00	\$33,343	\$6,538	\$26,805			
Headquarters	3531	1052	16	100	8,560	0	\$899,002	1958		2003	86.51	94.00	\$121,275	\$53,940	\$67,335			
Shop	3532	1053	30	100	6,916	0	\$544,735	1961		2003	70.84	94.00	\$158,845	\$32,684	\$126,161			
Storage	3533	1054	31	100	5,201	0	\$273,215	1965		2003	74.86	90.00	\$68,686	\$27,322	\$41,365			
Supplies Storage	3534	1055	31	100	208	0	\$16,383	1974		2003	49.00	90.00	\$8,355	\$1,638	\$6,717			
Fire Trucks	3535	1056	30	100	5,357	0	\$119,584	1974		2003	49.00	90.00	\$60,988	\$11,958	\$49,029			
Paint Shop	3537	1057	30	100	2,417	0	\$63,531	1975		2003	80.36	94.00	\$12,477	\$3,812	\$8,666			
Storage	3538	1058	31	100	2,268	0	\$52,919	1975		2003	49.00	90.00	\$26,989	\$5,292	\$21,697			
Storage	3539	1059	31	100	2,894	0	\$76,069	1975		2003	95.27	90.00	\$3,598	\$7,607	\$0			
Nursery	3540	1060	31	100	28,983	0	\$2,663,327	1964		2003	79.00	94.00	\$559,299	\$159,800	\$399,499			
Storage	3544	1061	31	100	1,031	0	\$27,100	1969		2003	49.00	90.00	\$13,821	\$2,710	\$11,111			
Storage	3545	1062	31	100	5,419	0	\$35,154	1984		2003	49.00	90.00	\$17,928	\$3,515	\$14,413			
Larimer Fire Cache	3547	1064	31	100	2,050	0	\$84,463	1980		2003	49.00	90.00	\$43,076	\$8,446	\$34,630			
Machine Shed	3548	1065	31	100	3,340	0	\$61,325	1958		2003	49.00	90.00	\$31,276	\$6,132	\$25,143			
Modular Office	3550	1066	16	100	646	0	\$33,935	1974		2003	81.33	94.00	\$6,336	\$2,036	\$4,300			
Trailer Office	3551	1067	16	100	222	0	\$11,662	1974		2003	59.00	94.00	\$4,781	\$700	\$4,082			
Garage	3552	1068	31	100	1,185	0	\$25,345	1977		2003	59.00	94.00	\$10,392	\$1,521	\$8,871			
Chip Storage	3553	1069	31	100	823	0	\$5,339	1982		2003	49.00	90.00	\$2,723	\$534	\$2,189			

Sawmill	3554	1070	31	100	2,242	0	\$25,982	1987	2003	49.00	94.00	\$13,251	\$1,559	\$11,692			
Nursery Storage	5005	1071	31	100	2,472	1,037	\$63,600	1979	2003	49.00	94.00	\$32,436	\$3,816	\$28,620			
Storage	3555	1083	31	100	1,037	0	\$19,040	1915	2003	34.00	90.00	\$12,566	\$1,904	\$10,662			
Engr. Res. Center	3557	1101	12	100	149,915	0	\$19,682,011	1962	2003	72.62	94.00	\$5,388,935	\$1,180,921	\$4,208,014		M00034	
Workshop	3559	1102	30	100	3,216	0	\$137,126	1980	2003	64.00	94.00	\$49,365	\$8,228	\$41,138			
Aquatic Greenhouse	7324	1104	11	100	318	0	\$35,218	1993	2003	64.00	94.00	\$12,678	\$2,113	\$10,565			
West Office	3560	1105	16	100	11,317	0	\$757,884	1964	2003	69.00	94.00	\$234,944	\$45,473	\$189,471			
Workshop	3563	1106	30	100	3,369	0	\$106,134	1963	2003	69.00	94.00	\$32,902	\$6,368	\$26,534			
Quonset	3564	1107	31	100	988	0	\$25,970	1940	2003	49.00	94.00	\$13,245	\$1,558	\$11,686			
Quonset	3565	1108	31	100	1,003	0	\$26,364	1940	2003	49.00	94.00	\$13,446	\$1,582	\$11,864			
Rainfall Facility	3566	1110	11	100	2,914	0	\$76,595	1972	2003	49.00	94.00	\$39,063	\$4,596	\$34,468			
Hydro-Machinery Lab	3567	1111	12	100	16,826	0	\$1,767,128	1966	2003	73.55	94.00	\$467,405	\$106,028	\$361,378			
Turbine Pumphouse	7176	1114	11	100	559	0	\$34,878	1974	2003	49.00	90.00	\$17,788	\$3,488	\$14,300			
Storage	3569	1115	31	100	264	0	\$2,543	1985	2003	49.00	90.00	\$1,297	\$254	\$1,043			
Pump House	3570	1116	31	100	300	0	\$10,445	1967	2003	49.00	90.00	\$5,327	\$1,045	\$4,283			
Erc Publication Trlr	3571	1117	16	100	720	0	\$11,747	1982	2003	49.00	94.00	\$5,991	\$705	\$5,286			
Coop Institute for Research in the Atmos	3573	1119	11	100	12,743	0	\$1,492,427	1981	2003	89.97	94.00	\$149,690	\$89,546	\$60,145		M00034	
Atmospheric Science	3575	1120	11	100	37,079	0	\$3,894,046	1967	2003	72.29	94.00	\$1,079,040	\$233,643	\$845,397	P0114	M90023	
Atmos. Science Annex	3576	1121	11	100	4,984	0	\$458,000	1967	2003	86.47	94.00	\$61,967	\$27,480	\$34,487			
Solar Energy House 1	3577	1122	12	100	4,558	0	\$598,410	1974	2003	76.75	94.00	\$139,130	\$35,905	\$103,226		M00034	
Solar Energy House 2	3579	1123	12	100	3,626	0	\$476,050	1975	2003	73.36	94.00	\$126,820	\$28,563	\$98,257		M00034	
Solar Energy House 3	3580	1124	12	100	3,630	0	\$476,575	1975	2003	69.63	94.00	\$144,736	\$28,594	\$116,141		M00034	
ATS/CIRA Research Center		1125	11	100	14,260	1,393	\$1,878,231	2002	2003	100.00	94.00	\$0	\$112,694	\$0			
Solar Greenhouse	3581	1126	11	100	1,393	0	\$148,970	1977	2003	34.00	90.00	\$98,320	\$14,897	\$83,423			
Research Building	3582	1127	11	100	882	0	\$32,480	1978	2003	59.00	94.00	\$13,317	\$1,949	\$11,368			
Storage Shed	3584	1129	31	100	164	0	\$4,527	1978	2003	49.00	90.00	\$2,309	\$453	\$1,856			
Storage Shed	3585	1130	31	100	164	0	\$4,527	1978	2003	49.00	90.00	\$2,309	\$453	\$1,856			
R.E.P.E.A.T. Facility	3586	1132	16	100	2,963	0	\$202,027	1981	2003	80.94	94.00	\$38,506	\$12,122	\$26,385			
River Model Facility	3589	1135	11	100	5,212	0	\$101,297	1978	2003	59.00	94.00	\$41,532	\$6,078	\$35,454			
Engineer.Res.Valvehs	3591	1137	11	100	168	0	\$2,654	1974	2003	49.00	90.00	\$1,353	\$265	\$1,088			
Engineer.Res.Valvehs	3592	1138	11	100	217	0	\$2,248	1974	2003	49.00	90.00	\$1,146	\$225	\$922			
Engineer.Res.Valvehs	3593	1139	11	100	242	0	\$2,507	1967	2003	49.00	90.00	\$1,278	\$251	\$1,028			
Trailer	3594	1140	11	100	164	0	\$2,659	1985	2003	49.00	94.00	\$1,356	\$160	\$1,196			
West Valve House	7177	1141	11	100	194	0	\$14,525	1991	2003	49.00	90.00	\$7,408	\$1,453	\$5,955			
East Valve House	7168	1142	11	100	280	0	\$20,964	1991	2003	49.00	90.00	\$10,692	\$2,096	\$8,595			
KCSU Transmitter	3595	1171	60	0	49	0	\$6,973	1966	2003	74.00	90.00	\$1,813	\$697	\$1,116			
KCSU Transmitter	3596	1172	60	0	145	0	\$12,850	1984	2003	74.00	90.00	\$3,341	\$1,285	\$2,056			
Cattle Barn	3597	1173	31	100	3,135	0	\$57,546	1928	2003	59.00	90.00	\$23,594	\$5,755	\$17,839			
Livestock Shed	3598	1174	31	100	672	0	\$17,194	1980	2003	49.00	90.00	\$8,769	\$1,719	\$7,049			
Pump House	3600	1175	31	100	100	0	\$3,411	1980	2003	49.00	90.00	\$1,739	\$341	\$1,398			
C.D.C.-Center for Disease Control	3602	1301	11	0	41,565	0	\$10,913,540	1967	2003	75.26	94.00	\$2,700,010	\$654,812	\$2,045,197			
CDC Modular	5165	1302	11	0	4,427	0	\$94,694	1967	2003	74.00	94.00	\$24,621	\$5,682	\$18,939			
CDC Modular	5166	1303	11	0	5,312	0	\$111,163	1967	2003	74.00	94.00	\$28,902	\$6,670	\$22,233			
Blockhouse	3605	1305	31	100	1,080	0	\$141,783	1964	2003	49.00	94.00	\$72,309	\$8,507	\$63,802			
Rad. Genetics Bldg.	3606	1309	30	100	510	0	\$20,088	1963	2003	59.00	94.00	\$8,236	\$1,205	\$7,031			
C.D.C. Storage	3608	1312	31	0	685	0	\$16,285	1967	2003	74.00	90.00	\$4,234	\$1,628	\$2,606			
C.D.C. Storage	3609	1313	31	0	256	0	\$6,086	1967	2003	74.00	90.00	\$1,582	\$609	\$974			
C.D.C. Storage/Lab	3610	1314	31	0	729	0	\$17,331	1967	2003	74.00	94.00	\$4,506	\$1,040	\$3,466			
C.D.C. Storage	3611	1315	31	0	1,380	0	\$32,807	1967	2003	74.00	90.00	\$8,530	\$3,281	\$5,249			

C.D.C. Storage	3612	1316	31	0	180	0	\$2,617	1967		2003	74.00	90.00	\$681	\$262	\$419			
C.D.C. Laboratory	3613	1317	11	0	3,861	0	\$129,983	1967		2003	74.00	94.00	\$33,796	\$7,799	\$25,997			
B.W. Pickett Equine Center	3614	1330	31	100	95,154	0	\$5,528,426	1994		2003	80.51	94.00	\$1,077,490	\$331,706	\$745,785			
Horse Shelter	3615	1331	31	100	1,320	0	\$19,536	1986		2003	59.00	90.00	\$8,010	\$1,954	\$6,056			
Horse Shelter	3616	1332	31	100	1,320	0	\$19,536	1986		2003	59.00	90.00	\$8,010	\$1,954	\$6,056			
Horse Shelter	3617	1333	31	100	1,320	0	\$19,536	1986		2003	59.00	90.00	\$8,010	\$1,954	\$6,056			
Horse Shelter	3618	1334	31	100	1,320	0	\$19,536	1986		2003	59.00	90.00	\$8,010	\$1,954	\$6,056			
Horse Shelter	3619	1335	31	100	1,320	0	\$19,536	1986		2003	59.00	90.00	\$8,010	\$1,954	\$6,056			
Adams Atkinson Arena	7330	1336	31	100	38,446	0	\$1,275,377	1984		2003	64.00	94.00	\$459,136	\$76,523	\$382,613			
Foothills Fisheries Facility		1353	11	100	4,649	0	\$623,183	2002		2003	100.00	94.00	\$0	\$37,391	\$0			
Fisheries Maint.	3620	1354	31	100	3,829	0	\$189,342	1976		2003	54.00	90.00	\$87,097	\$18,934	\$68,163			
Sheep Shed	3621	1355	31	100	2,652	0	\$61,885	1976		2003	49.00	90.00	\$31,561	\$6,188	\$25,373			
Sheep Shed	3622	1356	31	100	3,418	0	\$62,757	1953		2003	49.00	90.00	\$32,006	\$6,276	\$25,730			
Hay Storage	3623	1357	31	100	9,496	0	\$174,353	1954		2003	49.00	90.00	\$88,920	\$17,435	\$71,485			
Irrigation Filter	3624	1359	30	100	242	0	\$3,842	1984		2003	59.00	90.00	\$1,575	\$384	\$1,191			
Photo Barn	3625	1361	31	100	2,886	0	\$52,989	1968		2003	59.00	90.00	\$21,725	\$5,299	\$16,427			
Grain Storage	3626	1362	31	100	1,833	0	\$48,180	1964		2003	49.00	90.00	\$24,572	\$4,818	\$19,754			
Animal Shed	3629	1365	31	100	576	0	\$10,576	1974		2003	49.00	90.00	\$5,394	\$1,058	\$4,336			
Office	5013	1366	16	100	590	0	\$31,985	1950		2003	64.00	94.00	\$11,515	\$1,919	\$9,596			
Horse Barn	3631	1377	31	100	1,708	0	\$44,895	1958		2003	49.00	90.00	\$22,896	\$4,489	\$18,407			
Isolation Shed	3632	1380	31	100	2,367	0	\$50,632	1977		2003	59.00	90.00	\$20,759	\$5,063	\$15,696			
Mare Barn	3635	1385	31	100	5,167	0	\$135,815	1973		2003	59.00	90.00	\$55,684	\$13,581	\$42,103			
Foaling Barn	3636	1386	31	100	586	0	\$15,403	1961		2003	59.00	90.00	\$6,315	\$1,540	\$4,775			
Storage Building	3638	1388	31	100	402	0	\$7,381	1961		2003	49.00	90.00	\$3,764	\$738	\$3,026			
Stallion Laboratory	3639	1389	31	100	4,649	0	\$425,499	1979		2003	85.41	94.00	\$62,080	\$25,530	\$36,550			
Stallion Pens	3643	1391	31	100	1,534	0	\$40,321	1968		2003	49.00	90.00	\$20,564	\$4,032	\$16,532			
Stallion Pens	3644	1392	31	100	848	0	\$22,290	1968		2003	49.00	90.00	\$11,368	\$2,229	\$9,139			
Stallion Barn		1393	11	100	3,612	0	\$254,460	2002		2003	100.00	94.00	\$0	\$15,268	\$0			
Stallion Barn	3645	1394	31	100	5,167	0	\$135,815	1974		2003	49.00	90.00	\$69,266	\$13,581	\$55,684			
Stallion Pen	3646	1395	31	100	2,672	0	\$77,395	1977		2003	49.00	90.00	\$39,472	\$7,740	\$31,732			
Swine Confinement	5131	1396	31	100	2,458	0	\$151,369	1977		2003	83.01	94.00	\$25,718	\$9,082	\$16,635			
Shaving Shed	3649	1397	31	100	546	0	\$20,106	1979		2003	49.00	90.00	\$10,254	\$2,011	\$8,244			
Semen Collect. Shed	3650	1398	31	100	2,528	0	\$66,449	1975		2003	59.00	90.00	\$27,244	\$6,645	\$20,599			
Mare Barn	5167	1399	31	100	13,000	0	\$225,000	1999		2003	49.00	90.00	\$114,750	\$22,500	\$92,250			
Radiation Waste	3651	1400	31	100	2,560	0	\$47,003	1960		2003	49.00	90.00	\$23,972	\$4,700	\$19,271			
Animal Disease Lab	3652	1401	41	100	8,775	0	\$921,583	1960		2003	85.00	94.00	\$138,237	\$55,295	\$82,942			
Animal Reproduction & Biotechnology Lab	3653	1402	11	100	41,288	0	\$6,171,637	1964		2003	91.80	94.00	\$506,074	\$370,298	\$135,776			
Shed	3656	1405	31	100	391	0	\$7,179	1968		2003	49.00	90.00	\$3,661	\$718	\$2,943			
Shed	3657	1406	31	100	391	0	\$7,179	1968		2003	49.00	90.00	\$3,661	\$718	\$2,943			
Utility Building	8013	1407	31	100	930	0	\$145,360	1995		2003	94.00	90.00	\$8,722	\$14,536	\$0			
Shed	3658	1408	31	100	630	0	\$11,567	1968		2003	49.00	90.00	\$5,899	\$1,157	\$4,743			
Shed	3659	1409	31	100	630	0	\$11,567	1968		2003	49.00	90.00	\$5,899	\$1,157	\$4,743			
Shed	3660	1410	31	100	630	0	\$11,567	1968		2003	49.00	90.00	\$5,899	\$1,157	\$4,743			
Animal Holding Facility	3654	1411	31	100	2,368	0	\$133,484	1997		2003	49.00	94.00	\$68,077	\$8,009	\$60,068			
Sewage Chlorination	3661	1412	30	100	66	0	\$1,212	1960		2003	49.00	90.00	\$618	\$121	\$497			
Monkey House	3662	1413	11	100	369	0	\$33,909	1964		2003	64.00	94.00	\$12,207	\$2,035	\$10,173			
Office-Residence Anx	3663	1414	16	100	1,749	0	\$114,795	1966		2003	59.00	94.00	\$47,066	\$6,888	\$40,178			
Animal Quarters	3664	1415	31	100	2,167	0	\$199,134	1964		2003	59.00	94.00	\$81,645	\$11,948	\$69,697			M00034
Surgical Annex	3665	1416	11	100	3,564	0	\$327,511	1975		2003	79.00	94.00	\$68,777	\$19,651	\$49,127			

Cattle Processing	3666	1417	31	100	288	0	\$4,605	1981		2003	59.00	90.00	\$1,888	\$461	\$1,428			
Food Preparation	3667	1420	41	100	2,200	0	\$86,655	1968		2003	85.12	94.00	\$12,894	\$5,199	\$7,695			
Arthropod-Borne & Infectious Disease Lab	3668	1421	11	100	14,329	0	\$1,511,563	1964		2003	71.14	94.00	\$436,237	\$90,694	\$345,543			
Center for Envir Toxicolgy & Technology	3669	1422	11	100	14,676	0	\$1,541,277	1966		2003	66.41	94.00	\$517,715	\$92,477	\$425,238			
Irradiation Site	3670	1423	11	100	2,627	0	\$275,901	1967		2003	59.00	94.00	\$113,119	\$16,554	\$96,565			
Bio-environmental Hazards Research	8822	1424	11	100	18,657	0	\$9,477,756	2000		2003	97.00	94.00	\$284,333	\$568,665	\$0			
Motor Performance	3671	1425	31	100	800	0	\$52,508	1968		2003	49.00	94.00	\$26,779	\$3,150	\$23,629			
Maintenance Garage	3672	1427	31	100	1,017	0	\$23,124	1981		2003	49.00	94.00	\$11,793	\$1,387	\$10,406			
Dog Holding Facility	5001	1430	11	100	2,380	0	\$292,515	1988		2003	79.00	94.00	\$61,428	\$17,551	\$43,877			
Hay Shed	7938	1450	31	100	12,000	0	\$89,933	1998		2003	49.00	90.00	\$45,866	\$8,993	\$36,873			
Shelter	3673	1451	31	100	432	0	\$4,771	1985		2003	49.00	90.00	\$2,433	\$477	\$1,956			
Shelter	3674	1452	31	100	432	0	\$4,771	1985		2003	49.00	90.00	\$2,433	\$477	\$1,956			
Shelter	3675	1453	31	100	617	0	\$5,952	1955		2003	49.00	90.00	\$3,035	\$595	\$2,440			
Shelter	3676	1454	31	100	617	0	\$5,952	1955		2003	49.00	90.00	\$3,035	\$595	\$2,440			
Shelter	3677	1455	31	100	432	0	\$4,771	1985		2003	49.00	90.00	\$2,433	\$477	\$1,956			
Shelter	7166	1456	31	100	924	0	\$9,916	1970		2003	49.00	90.00	\$5,057	\$992	\$4,066			
Shelter	3678	1457	31	100	509	0	\$4,910	1955		2003	49.00	90.00	\$2,504	\$491	\$2,013			
CSFS Pumphouse	3679	1458	31	100	64	0	\$2,235	1975		2003	49.00	90.00	\$1,140	\$224	\$917			
Shelter	7167	1459	31	100	924	0	\$9,916	1970		2003	49.00	90.00	\$5,057	\$992	\$4,066			
Sheep Facility	3680	1460	31	100	7,500	0	\$136,173	1985		2003	49.00	94.00	\$69,448	\$8,170	\$61,278			
Coll. Lake Pump Stat	7170	1461	30	100	414	0	\$54,658	1955		2003	59.00	90.00	\$22,410	\$5,466	\$16,944			
Hughes Stadium	3682	1901	15	100	40,867	0	\$16,168,956	1968		2003	73.24	94.00	\$4,326,813	\$970,137	\$3,356,675			
Office	3686	2010	16	100	1,228	0	\$64,513	1959		2003	49.00	94.00	\$32,902	\$3,871	\$29,031			
Foundation Seed Proc	3687	2011	31	100	2,482	0	\$130,392	1959		2003	49.00	94.00	\$66,500	\$7,824	\$58,676			
Drying Shed	3688	2012	31	100	7,530	0	\$395,589	1961		2003	49.00	90.00	\$201,750	\$39,559	\$162,192			
Machine Shed	3689	2013	31	100	7,459	0	\$365,491	1963		2003	49.00	90.00	\$186,400	\$36,549	\$149,851			
Processing	3690	2014	31	100	4,000	0	\$210,140	1961		2003	49.00	94.00	\$107,172	\$12,608	\$94,563			
Raptor Cage	8003	2420	31	100	2,807	0	\$5,828	1991		2003	49.00	90.00	\$2,972	\$583	\$2,389			
Picnic Shelter	8004	2421	31	100	422	0	\$2,333	1978		2003	59.00	90.00	\$957	\$233	\$723			
Restroom	3741	2422	31	100	57	1,742	\$1,946	1973		2003	69.00	94.00	\$603	\$117	\$487			
Cattle Barn	8005	2423	31	100	1,742	0	\$81,277	1988		2003	34.00	90.00	\$53,643	\$8,128	\$45,515			
Storage	3743	2424	31	100	86	0	\$1,896	1973		2003	49.00	90.00	\$967	\$190	\$778			
Residence-Environmental Learning Center	3744	2425	52	100	942	0	\$63,731	1992		2003	69.00	94.00	\$19,757	\$3,824	\$15,933			
Shop Storage	7342	2426	31	100	2,304	609	\$34,932	1988		2003	49.00	90.00	\$17,815	\$3,493	\$14,322			
Original Barn	8006	2427	31	100	609	596	\$28,414	1988		2003	34.00	90.00	\$18,753	\$2,841	\$15,912			
Boxcar	8007	2428	31	100	596	20	\$12,354	1988		2003	34.00	90.00	\$8,153	\$1,235	\$6,918			
Outhouse	8008	2429	31	100	20	77	\$1,166	1988		2003	34.00	90.00	\$770	\$117	\$653			
Coal Shed	8009	2430	31	100	77	567	\$583	1988		2003	34.00	90.00	\$385	\$58	\$326			
Run-In-Barn	8011	2432	31	100	567	341	\$9,378	1988		2003	34.00	90.00	\$6,190	\$938	\$5,252			
Cattle Chute	8012	2433	31	100	341	161	\$2,335	1988		2003	34.00	90.00	\$1,541	\$233	\$1,307			
Storage Shed	8013	2434	31	100	161	0	\$2,916	2000		2003	34.00	90.00	\$1,925	\$292	\$1,633			
Coors Pavilion	5468	2501	16	100	9,353	0	\$1,131,498	2000		2003	99.00	94.00	\$11,315	\$67,890	\$0			
Faculty Cabin No. 1	3745	3001	52	0	957	0	\$75,378	1939		2003	77.00	94.00	\$17,337	\$4,523	\$12,814			
Faculty Cabin #2	3746	3002	52	0	957	0	\$75,378	1958		2003	93.00	94.00	\$5,276	\$4,523	\$754			
Faculty Cabin #3	3747	3003	52	0	957	0	\$75,378	1939		2003	80.00	94.00	\$15,076	\$4,523	\$10,553			
Faculty Cabin #4	3748	3004	52	0	749	0	\$58,995	1948		2003	96.00	94.00	\$2,360	\$3,540	\$0			
Faculty Cabin #5	3749	3005	52	0	957	0	\$75,378	1939		2003	90.00	94.00	\$7,538	\$4,523	\$3,015			
Faculty Cabin #6	3750	3006	52	0	637	0	\$25,091	1972		2003	89.00	94.00	\$2,760	\$1,505	\$1,255			
Staff Duplex Cabin - A & B	5146	3007	52	0	1,522	0	\$237,787	1996		2003	100.00	94.00	\$0	\$14,267	\$0			

Faculty Cabin #8	5147	3008	52	0	768	0	\$107,002	1996		2003	100.00	94.00	\$0	\$6,420	\$0			
Faculty Cabin #9	5148	3009	52	0	768	0	\$107,002	1996		2003	100.00	94.00	\$0	\$6,420	\$0			
Faculty Washhouse	3756	3010	31	0	427	0	\$44,844	1951		2003	80.00	94.00	\$8,969	\$2,691	\$6,278			
Storage Building	3757	3018	31	0	306	0	\$7,140	1972		2003	100.00	90.00	\$0	\$714	\$0			
Storage Building	3758	3019	31	0	175	0	\$4,083	1972		2003	100.00	90.00	\$0	\$408	\$0			
Cabin	3759	3020	52	0	410	0	\$23,900	1972		2003	100.00	94.00	\$0	\$1,434	\$0			
Cabin	3760	3021	52	0	443	0	\$25,824	1972		2003	100.00	94.00	\$0	\$1,549	\$0			
Cabin	3761	3022	52	100	460	0	\$26,815	1972		2003	49.00	94.00	\$13,676	\$1,609	\$12,067			
Koenig Homestead	3762	3023	52	0	1,548	0	\$90,238	1972		2003	100.00	94.00	\$0	\$5,414	\$0			
Storage Building	3763	3024	31	0	255	0	\$5,950	1972		2003	100.00	90.00	\$0	\$595	\$0			
Cabin	3764	3025	52	0	407	0	\$23,725	1972		2003	100.00	94.00	\$0	\$1,424	\$0			
South Classroom	3765	3026	10	100	1,508	0	\$158,376	1963		2003	74.00	94.00	\$41,178	\$9,503	\$31,675			
South Dormitory	3766	3027	50	0	4,382	0	\$345,146	1961		2003	68.00	94.00	\$110,447	\$20,709	\$89,738			
The Cave	3769	3028	40	0	146	0	\$5,751	1923		2003	68.00	94.00	\$1,840	\$345	\$1,495			
Custodial Storage	3770	3029	30	0	343	0	\$22,513	1961		2003	94.00	90.00	\$1,351	\$2,251	\$0			
North Classroom	3771	3030	10	100	2,545	0	\$267,285	1923		2003	74.00	94.00	\$69,494	\$16,037	\$53,457			
Dining Hall	3772	3031	60	0	5,297	0	\$558,299	1961		2003	99.00	94.00	\$5,583	\$33,498	\$0			
Nurses Cabin	3773	3032	52	0	341	0	\$13,432	1939		2003	85.00	94.00	\$2,015	\$806	\$1,209			
Ticonderoga Cabin	3774	3033	52	0	344	0	\$13,550	1961		2003	93.00	94.00	\$948	\$813	\$135			
Grounds Shop	3775	3034	30	0	347	0	\$18,228	1950		2003	100.00	94.00	\$0	\$1,094	\$0			
Recreation Hall	3776	3035	40	0	2,055	0	\$134,880	1949		2003	92.00	94.00	\$10,790	\$8,093	\$2,698			
Outhouse	3777	3036	31	0	50	0	\$20,419	1999		2003	100.00	90.00	\$0	\$2,042	\$0			
Pump House	3778	3038	31	0	66	0	\$1,735	1974		2003	100.00	90.00	\$0	\$173	\$0			
Student Cabin	3779	3045	52	0	340	0	\$13,392	1956		2003	93.00	94.00	\$937	\$804	\$134			
Student Cabin	3780	3046	52	0	340	0	\$13,392	1956		2003	93.00	94.00	\$937	\$804	\$134			
Student Cabin	3781	3047	52	0	340	0	\$13,392	1956		2003	93.00	94.00	\$937	\$804	\$134			
Student Cabin	3782	3048	52	0	340	0	\$13,392	1956		2003	93.00	94.00	\$937	\$804	\$134			
Student Cabin	3783	3049	52	0	340	0	\$13,392	1957		2003	93.00	94.00	\$937	\$804	\$134			
Student Cabin	3784	3050	52	0	353	0	\$13,904	1957		2003	94.00	94.00	\$834	\$834	\$0			
Student Cabin	3785	3051	52	0	353	0	\$13,904	1958		2003	92.00	94.00	\$1,112	\$834	\$278			
Student Cabin	3786	3052	52	0	353	0	\$13,904	1958		2003	92.00	94.00	\$1,112	\$834	\$278			
North Dormitory	5149	3053	50	0	5,282	0	\$464,739	1996		2003	100.00	94.00	\$0	\$27,884	\$0			
Outhouse	5150	3054	31	0	80	0	\$4,161	1996		2003	74.00	90.00	\$1,082	\$416	\$666			
Staff Cabin	5151	3055	52	0	2,792	0	\$296,380	1996		2003	100.00	94.00	\$0	\$17,783	\$0			
Pingree Park Multipurpose Classroom	8823	3056	10	0	3,910	0	\$307,968	2000		2003	97.00	94.00	\$9,239	\$18,478	\$0			
Student Washhouse	3789	3060	60	0	1,406	0	\$55,372	1950		2003	100.00	94.00	\$0	\$3,322	\$0			
Student Cabin	3790	3061	52	0	356	0	\$14,020	1938		2003	70.00	94.00	\$4,206	\$841	\$3,365			
Student Cabin	3791	3062	52	0	356	0	\$14,020	1960		2003	70.00	94.00	\$4,206	\$841	\$3,365			
Student Cabin	3792	3063	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3793	3064	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3794	3065	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3795	3066	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3796	3067	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3797	3068	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3798	3069	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3799	3070	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3800	3071	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3801	3072	52	0	347	0	\$13,666	1949		2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3802	3073	52	0	347	0	\$13,666	1949		2003	60.00	94.00	\$5,466	\$820	\$4,646			

Student Cabin	3803	3074	52	0	347	0	\$13,666	1949	2003	69.00	94.00	\$4,236	\$820	\$3,416			
Student Cabin	3804	3075	52	0	347	0	\$13,666	1955	2003	60.00	94.00	\$5,466	\$820	\$4,646			
Student Cabin	3805	3076	52	0	326	0	\$12,839	1955	2003	57.00	94.00	\$5,521	\$770	\$4,750			
Winter Research Lab	3806	3077	11	100	2,733	0	\$322,913	1967	2003	74.00	94.00	\$83,957	\$19,375	\$64,583			
Hotchkiss Lodge	3807	3080	50	0	4,681	0	\$327,602	1975	2003	99.00	94.00	\$3,276	\$19,656	\$0			
Columbine	3808	3081	50	0	1,536	0	\$84,686	1975	2003	100.00	100.00	\$0	\$0	\$0			
Paintbrush	5152	3082	50	0	2,160	0	\$204,687	1996	2003	100.00	94.00	\$0	\$12,281	\$0			
Staff Duplex Cabin - A & B	5153	3083	52	0	1,522	0	\$237,787	1966	2003	100.00	94.00	\$0	\$14,267	\$0			
Blue Spruce	5154	3084	50	0	2,160	0	\$204,687	1996	2003	100.00	94.00	\$0	\$12,281	\$0			
Aspen	5155	3085	50	0	2,160	0	\$204,687	1996	2003	100.00	94.00	\$0	\$12,281	\$0			
Cinquefoil	5156	3086	50	0	2,160	0	\$204,687	1996	2003	100.00	94.00	\$0	\$12,281	\$0			
Kinnikinnik	5157	3087	50	0	2,160	0	\$204,687	1996	2003	100.00	94.00	\$0	\$12,281	\$0			
Lodgepole	5158	3088	50	0	2,160	0	\$204,687	1996	2003	100.00	94.00	\$0	\$12,281	\$0			
Outhouse	5169	3089	60	0	50	0	\$1,761	1996	2003	97.00	90.00	\$53	\$176	\$0			
Storage	3816	3093	31	0	576	0	\$9,069	1984	2003	64.00	90.00	\$3,265	\$907	\$2,358			
Sewage Treatment Fac	3817	3095	30	100	4,028	0	\$742,437	1974	2003	64.00	94.00	\$267,277	\$44,546	\$222,731			
Storage Barn	3819	4001	31	100	1,008	0	\$14,240	1983	2003	49.00	90.00	\$7,262	\$1,424	\$5,838			
Storage	3820	4002	31	100	3,248	0	\$127,935	1963	2003	49.00	90.00	\$65,247	\$12,793	\$52,453			
Storage	3821	4003	31	100	287	0	\$5,270	1925	2003	49.00	90.00	\$2,687	\$527	\$2,161			
Conference Center	8824	4010	29	100	11,989	0	\$901,052	2000	2003	95.00	94.00	\$45,053	\$54,063	\$0			
Water Treatment Pump House	8825	4011	30	100	300	0	\$80,000	2000	2003	95.00	90.00	\$4,000	\$8,000	\$0			
Cow/Calf Unit	8826	4012	31	100	14,214	0	\$180,000	2000	2003	95.00	90.00	\$9,000	\$18,000	\$0			
Covered Bale Hay Shed	8827	4013	31	100	3,750	0	\$60,000	2000	2003	95.00	90.00	\$3,000	\$6,000	\$0			
Sheep Unit	8828	4014	31	100	14,447	0	\$550,000	2000	2003	95.00	90.00	\$27,500	\$55,000	\$0			
Swine Units	8829	4015	31	100	812	0	\$40,000	2000	2003	95.00	90.00	\$2,000	\$4,000	\$0			
Swine Units	8821	4016	31	100	1,080	0	\$40,000	2000	2003	95.00	90.00	\$2,000	\$4,000	\$0			
Palpation Chutes	8850	4018	31	100	1,200	0	\$150,000	2000	2003	95.00	90.00	\$7,500	\$15,000	\$0			
Palpation Chutes	8842	4019	31	100	600	0	\$100,000	2000	2003	95.00	90.00	\$5,000	\$10,000	\$0			
Animal Water Pump House	8843	4021	31	100	300	0	\$75,000	2000	2003	95.00	90.00	\$3,750	\$7,500	\$0			
Intensive Monogastric Ruminant Research	8844	4022	11	100	9,000	0	\$600,000	2000	2003	95.00	94.00	\$30,000	\$36,000	\$0			
Feedlot Units	8845	4023	31	100	10,417	0	\$200,000	2000	2003	95.00	90.00	\$10,000	\$20,000	\$0			
Central Mix/Diet Prep	846	4024	31	100	2,500	0	\$250,000	2000	2003	95.00	90.00	\$12,500	\$25,000	\$0			
Grain Bins	8847	4025	31	100	128	0	\$17,276	2000	2003	94.00	90.00	\$1,037	\$1,728	\$0			
Grain Bins	8848	4026	31	100	128	0	\$17,276	2000	2003	94.00	90.00	\$1,037	\$1,728	\$0			
Hay Feed Bunker	8841	4028	31	100	2,119	0	\$9,109	2000	2003	94.00	90.00	\$547	\$911	\$0			
Hay Feed Bunker	8840	4029	31	100	4,290	0	\$25,000	2000	2003	95.00	90.00	\$1,250	\$2,500	\$0			
Feed Storage	8832	4030	31	100	2,160	0	\$50,000	2000	2003	95.00	90.00	\$2,500	\$5,000	\$0			
Scale House	8833	4031	31	100	100	0	\$3,000	2000	2003	95.00	90.00	\$150	\$300	\$0			
Grain Bins	5170	4032	31	100	42	0	\$8,214	2000	2003	94.00	90.00	\$493	\$821	\$0			
Grain Bins	5171	4033	31	100	42	0	\$8,214	2000	2003	94.00	90.00	\$493	\$821	\$0			
Grain Bins	5172	4034	31	100	21	0	\$2,053	2000	2003	94.00	90.00	\$123	\$205	\$0			
Pump House	8834	4037	31	100	50	0	\$800	2000	2003	95.00	90.00	\$40	\$80	\$0			
Pump House	8835	4038	31	100	50	0	\$18,000	2000	2003	95.00	90.00	\$900	\$1,800	\$0			
Pump House	8836	4039	31	100	50	0	\$800	2000	2003	95.00	90.00	\$40	\$80	\$0			
Pump House		4041	31	100	177	0	\$3,198	1980	2003	48.00	90.00	\$1,663	\$320	\$1,343			
Pump House	5173	4042	31	100	74	0	\$1,337	1980	2003	48.00	90.00	\$695	\$134	\$562			
Pump House	5174	4043	31	100	50	0	\$903	1980	2003	48.00	90.00	\$470	\$90	\$379			
Pump House	5175	4044	31	100	16	0	\$289	1980	2003	48.00	90.00	\$150	\$29	\$121			
Irrigation House	5176	4045	31	100	80	0	\$1,513	1980	2003	73.00	94.00	\$408	\$91	\$318			

Residence	3822	4050	52	100	2,669	0	\$172,000	1950		2003	74.00	94.00	\$44,720	\$10,320	\$34,400			
Grain Bin	3823	4051	31	100	65	0	\$4,616	1950		2003	74.00	90.00	\$1,200	\$462	\$739			
Grain Bin	5177	4052	31	100	540	0	\$61,140	2000		2003	74.00	90.00	\$15,896	\$6,114	\$9,782			
Animal Science Shop	3825	4053	31	100	2,560	0	\$70,663	1950		2003	74.00	94.00	\$18,372	\$4,240	\$14,133			
General Processing	7195	4054	31	100	24,771	0	\$1,154,520	1992		2003	93.00	94.00	\$80,816	\$69,271	\$11,545			
Pump House	3827	4055	31	100	36	0	\$994	1950		2003	49.00	90.00	\$507	\$99	\$407			
Grain Bin	5178	4057	31	100	314	0	\$12,214	2000		2003	74.00	90.00	\$3,176	\$1,221	\$1,954			
Foundation Seed Processing	5179	4058	31	100	8,726	0	\$291,272	1992		2003	74.00	90.00	\$75,731	\$29,127	\$46,604			
Machine Shed	7188	4060	31	100	30,000	0	\$298,364	1992		2003	93.00	90.00	\$20,886	\$29,836	\$0			
Bulk/Soil Storage	7189	4061	31	100	10,800	0	\$153,907	1992		2003	93.00	90.00	\$10,773	\$15,391	\$0			
Fertilizer Storage	7190	4062	31	100	800	0	\$28,980	1992		2003	93.00	90.00	\$2,029	\$2,898	\$0			
Pesticide Storage	7191	4063	31	100	240	0	\$61,395	1992		2003	93.00	90.00	\$4,298	\$6,139	\$0			
Pesticide Storage N	7192	4064	31	100	320	0	\$52,694	1992		2003	93.00	90.00	\$3,689	\$5,269	\$0			
Pesticide Storage E	7193	4065	31	100	320	0	\$52,694	1992		2003	93.00	90.00	\$3,689	\$5,269	\$0			
Grain Bin	5180	4066	31	100	384	0	\$75,097	2000		2003	74.00	90.00	\$19,525	\$7,510	\$12,015			
Grain Bin	5181	4067	31	100	200	0	\$74,109	2000		2003	74.00	90.00	\$19,268	\$7,411	\$11,857			
Grain Bin	5182	4068	31	100	228	0	\$21,121	2000		2003	74.00	90.00	\$5,491	\$2,112	\$3,379			
Well House	5183	4069	31	100	30	0	\$772	2001		2003	74.00	90.00	\$201	\$77	\$124			
Lockman Residence		4070	52	0	3,118	0	\$237,422	1999		2003	74.00	90.00	\$61,730	\$23,742	\$37,988			
Lockman Shop and Equipment	7966	4071	31	100	5,090	0	\$151,556	1999		2003	93.00	94.00	\$10,609	\$9,093	\$1,516			
Lockman Machine Shed / Shop	7967	4072	31	100	2,045	0	\$24,260	1999		2003	93.00	94.00	\$1,698	\$1,456	\$243			
Lockman Utility Shed	7969	4074	31	100	263	0	\$2,816	1999		2003	93.00	90.00	\$197	\$282	\$0			
Lockman Granary	7970	4075	31	100	1,600	0	\$26,767	1999		2003	93.00	90.00	\$1,874	\$2,677	\$0			
Lockman Pump House	8837	4076	31	100	10	0	\$107	1999		2003	49.00	90.00	\$55	\$11	\$44			
Headquarters	3830	4101	31	100	2,357	0	\$247,541	1969		2003	74.00	94.00	\$64,361	\$14,852	\$49,508			
Storage	3831	4102	31	100	1,510	0	\$99,109	1970		2003	49.00	90.00	\$50,545	\$9,911	\$40,635			
Dormitory	3832	4103	50	100	1,042	0	\$82,073	1969		2003	64.00	94.00	\$29,546	\$4,924	\$24,622			
Pump House	3833	4104	31	100	112	0	\$2,056	1969		2003	49.00	90.00	\$1,049	\$206	\$843			
Residence	3834	4105	52	100	1,615	0	\$127,205	1970		2003	64.00	94.00	\$45,794	\$7,632	\$38,161			
Tack Room	3835	4106	31	100	86	0	\$1,579	1969		2003	49.00	90.00	\$805	\$158	\$647			
Shed	3836	4107	31	100	580	0	\$10,649	1969		2003	49.00	90.00	\$5,431	\$1,065	\$4,366			
Shed	3837	4108	31	100	576	0	\$10,576	1969		2003	49.00	90.00	\$5,394	\$1,058	\$4,336			
Radiation Control	3838	4109	11	100	125	0	\$16,410	1968		2003	59.00	90.00	\$6,728	\$1,641	\$5,087			
Processing	3839	4302	31	100	6,735	0	\$265,283	1955		2003	59.00	94.00	\$108,766	\$15,917	\$92,849			
Residence	3840	4303	52	0	2,042	0	\$160,837	1967		2003	59.00	94.00	\$65,943	\$9,650	\$56,293			
Shop-Machine Storage	3841	4304	31	100	2,882	0	\$113,518	1965		2003	49.00	94.00	\$57,894	\$6,811	\$51,083			
Pesticide Storage	5184	4305	31	100	290	0	\$39,700	2000		2003	94.00	94.00	\$2,382	\$2,382	\$0			
Pump House	3842	4306	31	100	81	0	\$1,487	1983		2003	49.00	90.00	\$758	\$149	\$610			
Pump House	3843	4307	31	100	83	0	\$1,524	1955		2003	49.00	90.00	\$777	\$152	\$625			
Residence	3844	4601	52	0	2,194	0	\$105,822	1900		2003	49.00	94.00	\$53,969	\$6,349	\$47,620			
Onion Storage	3845	4602	31	100	1,600	0	\$61,737	1932		2003	88.44	90.00	\$7,137	\$6,174	\$963			M90030
Utility Storage	3846	4603	31	100	3,055	0	\$132,635	1956		2003	83.25	90.00	\$22,216	\$13,263	\$8,953			M90030
Animal Disease Lab	3847	4604	11	100	2,293	0	\$143,821	1964		2003	86.23	94.00	\$19,804	\$8,629	\$11,175			M90030
Entomology Lab/Grnhs	3848	4605	11	100	2,127	0	\$123,053	1966		2003	88.76	94.00	\$13,831	\$7,383	\$6,448			
Insectary	3849	4606	11	100	188	0	\$14,508	1966		2003	69.58	94.00	\$4,413	\$870	\$3,543			M90030
Storage Shed	3850	4608	31	100	145	0	\$5,595	1975		2003	49.00	90.00	\$2,853	\$559	\$2,294			M90030
Sheep Shed	3851	4609	31	100	145	0	\$4,200	1975		2003	49.00	90.00	\$2,142	\$420	\$1,722			M90030
Chemical Storage	7171	4610	31	100	240	0	\$6,238	1991		2003	49.00	90.00	\$3,182	\$624	\$2,558			
Pesticide Shed	5185	4611	31	100	153	0	\$27,402	2000		2003	94.00	90.00	\$1,644	\$2,740	\$0			

Machine Shed	5186	4612	31	100	2,400	0	\$48,180	1998		2003	49.00	90.00	\$24,572	\$4,818	\$19,754			
Animal Quarters	3852	4613	31	100	273	0	\$9,212	1975		2003	49.00	90.00	\$4,698	\$921	\$3,777			
Adobe Shed	5007	4614	31	100	1,440	0	\$27,111	1930		2003	49.00	90.00	\$13,826	\$2,711	\$11,115		M90030	
Pesticide Storage	5188	4619	31	100	153	0	\$27,402	2000		2003	94.00	90.00	\$1,644	\$2,740	\$0			
Supplementation Barn	5019	4620	31	100	2,688	0	\$16,168	1989		2003	49.00	90.00	\$8,245	\$1,617	\$6,629			
Office	3853	4621	16	100	909	0	\$43,843	1957		2003	51.10	94.00	\$21,439	\$2,631	\$18,809			
Calving Shed	3854	4622	31	100	2,700	0	\$78,206	1920		2003	76.92	90.00	\$18,050	\$7,821	\$10,229			
Grain Storage	3855	4623	31	100	133	0	\$3,784	1983		2003	49.00	90.00	\$1,930	\$378	\$1,551			
Grain Storage	3856	4624	31	100	133	0	\$3,784	1983		2003	49.00	90.00	\$1,930	\$378	\$1,551			
Vehicle Shed	3857	4625	31	100	1,261	0	\$35,872	1983		2003	49.00	90.00	\$18,295	\$3,587	\$14,708			
Feed Storage	3858	4626	31	100	1,261	0	\$35,872	1983		2003	49.00	90.00	\$18,295	\$3,587	\$14,708			
Barn	3859	4627	31	100	1,031	0	\$29,863	1920		2003	27.36	90.00	\$21,693	\$2,986	\$18,706			
North Residence	3860	4628	52	0	2,301	0	\$110,983	1957		2003	49.00	94.00	\$56,601	\$6,659	\$49,942			
South Residence	3861	4629	52	0	2,356	0	\$113,636	1957		2003	49.00	94.00	\$57,954	\$6,818	\$51,136			
Bunkhouse	3862	4630	31	100	1,987	0	\$95,838	1910		2003	59.00	94.00	\$39,294	\$5,750	\$33,543			
Shop/Storage	3863	4631	31	100	2,100	0	\$81,030	1945		2003	85.26	94.00	\$11,944	\$4,862	\$7,082		M90030	
Garage	3864	4632	31	100	436	0	\$16,823	1940		2003	67.31	90.00	\$5,500	\$1,682	\$3,817			
Lab/Storage	3865	4633	31	100	1,004	0	\$38,740	1945		2003	49.00	94.00	\$19,758	\$2,324	\$17,433			
Pump House	3866	4634	31	100	39	0	\$3,607	1983		2003	17.27	90.00	\$2,984	\$361	\$2,623			
Office/Shop	3867	4635	31	100	2,400	0	\$115,758	1977		2003	90.58	94.00	\$10,904	\$6,945	\$3,959			
Pesticide Storage	5188	4636	31	100	153	0	\$27,402	2000		2003	94.00	90.00	\$1,644	\$2,740	\$0			
CSFS-Golden/Trailer	3879	4653	31	100	1,525	0	\$32,561	1980		2003	64.61	94.00	\$11,523	\$1,954	\$9,570		M90030	
Residence	3881	4701	52	100	2,550	0	\$122,993	1963		2003	49.00	94.00	\$62,726	\$7,380	\$55,347			
Office/Machine Shop	3882	4702	16	100	1,696	0	\$73,633	1962		2003	90.11	94.00	\$7,282	\$4,418	\$2,864		M90030	
Machine Shed	3883	4703	31	100	3,007	0	\$116,028	1967		2003	91.54	90.00	\$9,816	\$11,603	\$0			
Greenhouse	3884	4704	31	100	1,467	0	\$56,603	1977		2003	87.39	94.00	\$7,138	\$3,396	\$3,741		M90030	
Laboratory/Offices	3885	4705	16	100	4,132	0	\$396,078	1982		2003	86.84	94.00	\$52,124	\$23,765	\$28,359		M90030	
Pole Barn	3886	4706	31	100	2,880	0	\$102,439	1983		2003	91.18	90.00	\$9,035	\$10,244	\$0		M90030	
Pesticide Storage	5190	4707	31	100	222	0	\$32,676	2000		2003	94.00	90.00	\$1,961	\$3,268	\$0			
Anim. Diagnostic Lab	3887	4711	11	100	2,758	0	\$239,481	1973		2003	74.94	94.00	\$60,014	\$14,369	\$45,645			
Barn	3888	4721	31	100	2,063	0	\$59,756	1940		2003	77.83	90.00	\$13,248	\$5,976	\$7,272		M90030	
Machine Shed	5002	4722	31	100	293	0	\$3,809	1973		2003	49.00	90.00	\$1,943	\$381	\$1,562			
Machine Shop	3889	4723	31	100	1,024	0	\$39,512	1976		2003	89.01	90.00	\$4,342	\$3,951	\$391		M90030	
Administration	3890	4724	16	100	2,611	0	\$125,935	1938		2003	87.04	94.00	\$16,321	\$7,556	\$8,765		M90030	
Bunkhouse	3891	4725	31	100	400	0	\$19,293	1940		2003	77.60	94.00	\$4,322	\$1,158	\$3,164			
Pesticide Storage	5191	4726	31	100	153	0	\$27,402	2000		2003	94.00	90.00	\$1,644	\$2,740	\$0			
Grain Bin	3894	4729	31	100	154	0	\$5,942	1940		2003	49.00	90.00	\$3,031	\$594	\$2,436			
Seed Conditioning	5160	4730	31	100	7,000	0	\$306,201	1982		2003	91.31	94.00	\$26,609	\$18,372	\$8,237		M90030	
Grain Bin	7182	4731	31	100	154	0	\$2,183	1991		2003	49.00	90.00	\$1,113	\$218	\$895			
Grain Bin	7178	4732	31	100	154	0	\$2,183	1991		2003	49.00	90.00	\$1,113	\$218	\$895			
Residence	3896	4741	52	0	2,414	0	\$116,433	1941		2003	49.00	94.00	\$59,381	\$6,986	\$52,395			
Barn	3897	4742	31	100	957	0	\$27,720	1939		2003	49.00	90.00	\$14,137	\$2,772	\$11,365			
Packing Shed	3898	4743	31	100	1,465	0	\$56,528	1941		2003	49.00	90.00	\$28,829	\$5,653	\$23,177			
Office/Laboratory	3899	4744	16	100	4,826	0	\$302,675	1962		2003	70.09	94.00	\$90,530	\$18,161	\$72,370		M90030	
Storage Shed	3900	4745	31	100	885	0	\$34,149	1962		2003	49.00	90.00	\$17,416	\$3,415	\$14,001			
Greenhouse	3903	4748	11	100	1,205	0	\$46,494	1962		2003	76.85	94.00	\$10,763	\$2,790	\$7,974			
Shop And Shed	3905	4750	31	100	2,448	0	\$94,458	1962		2003	90.97	94.00	\$8,530	\$5,668	\$2,862			
Headhouse/Insectary	3906	4751	11	100	1,598	0	\$123,314	1962		2003	89.54	94.00	\$12,899	\$7,399	\$5,500		M90030	
Tank	7194	4756	31	100	472	0	\$3,239	1962		2003	49.00	90.00	\$1,652	\$324	\$1,328			

Viticulture Pmhouse	7343	4757	31	100	124	0	\$2,309	1971		2003	49.00	90.00	\$1,177	\$231	\$947				
Model 10 Pest. Strg.	7344	4758	31	100	63	0	\$12,479	1987		2003	49.00	90.00	\$6,364	\$1,248	\$5,116				
Pesticide Storage	5192	4759	31	100	222	0	\$32,676	1992		2003	75.00	90.00	\$8,169	\$3,268	\$4,901				
Residence	3910	4781	52	0	1,214	0	\$58,554	1963		2003	49.00	94.00	\$29,863	\$3,513	\$26,349				
New Cellar	3911	4783	31	100	9,033	0	\$348,547	1950		2003	88.83	90.00	\$38,933	\$34,855	\$4,078				
Office/Lab	3912	4784	16	100	4,236	0	\$266,888	1968		2003	75.11	94.00	\$66,428	\$16,013	\$50,415			P0016	
Lab/Storage	3913	4785	11	100	2,809	1,898	\$162,509	1960		2003	86.85	94.00	\$21,370	\$9,751	\$11,619				
Machine Shop	3914	4786	31	100	4,381	0	\$169,045	1964		2003	90.73	94.00	\$15,670	\$10,143	\$5,528			P0016	
Pump House	3915	4787	31	100	237	0	\$9,145	1952		2003	85.26	90.00	\$1,348	\$914	\$433				
Garage	3916	4788	31	100	1,898	0	\$73,236	1952		2003	34.00	90.00	\$48,336	\$7,324	\$41,012			M90030	
Pesticide Storage	5193	4790	31	100	290	0	\$39,700	2000		2003	94.00	90.00	\$2,382	\$3,970	\$0				
Greenhouse/Headhouse	7325	4791	11	100	10,027	0	\$219,272	1993		2003	64.00	94.00	\$78,938	\$13,156	\$65,782				
Tool Shed	3919	4792	31	100	121	0	\$4,669	1952		2003	49.00	90.00	\$2,381	\$467	\$1,914				
Gas House	3920	4793	31	100	204	0	\$7,872	1952		2003	85.12	90.00	\$1,171	\$787	\$384				
Grain Bin	3921	4794	31	100	254	0	\$9,801	1960		2003	49.00	90.00	\$4,998	\$980	\$4,018				
Grain Bin	3922	4795	31	100	154	0	\$5,942	1960		2003	49.00	90.00	\$3,031	\$594	\$2,436				
Grain Bin	3923	4796	31	100	154	0	\$5,942	1960		2003	49.00	90.00	\$3,031	\$594	\$2,436				
Administration	3924	4821	16	100	4,030	0	\$194,377	1921		2003	64.00	94.00	\$69,976	\$11,663	\$58,313				
Library	3925	4822	17	100	4,277	0	\$206,290	1938		2003	59.00	94.00	\$84,579	\$12,377	\$72,202				
Storage Shed	3926	4824	31	100	153	0	\$27,402	2000		2003	49.00	90.00	\$13,975	\$2,740	\$11,235				
Bus Garage	3928	4826	30	100	3,500	0	\$135,051	1918		2003	54.00	90.00	\$62,123	\$13,505	\$48,618				
Dwelling 19	3930	4830	52	0	4,470	0	\$233,896	1920		2003	59.00	94.00	\$95,897	\$14,034	\$81,864				
Dwelling 12	3931	4831	52	100	1,816	0	\$87,590	1920		2003	59.00	94.00	\$35,912	\$5,255	\$30,657				
Dwelling 13	3932	4832	52	0	1,581	0	\$76,255	1920		2003	59.00	94.00	\$31,265	\$4,575	\$26,689				
Dwelling 14	3933	4833	52	0	2,381	0	\$114,841	1920		2003	59.00	94.00	\$47,085	\$6,890	\$40,194				
Dwelling 15	3934	4834	52	0	2,314	0	\$111,610	1920		2003	59.00	94.00	\$45,760	\$6,697	\$39,063				
Dwelling 18	3935	4836	52	0	2,604	0	\$125,597	1920		2003	59.00	94.00	\$51,495	\$7,536	\$43,959				
Dwelling 10	3936	4837	52	0	4,193	0	\$202,234	1920		2003	59.00	94.00	\$82,916	\$12,134	\$70,782				
Dwelling 20	3937	4838	52	100	420	0	\$20,258	1962		2003	59.00	94.00	\$8,306	\$1,215	\$7,090				
Garage	3938	4840	31	100	3,519	0	\$135,784	1920		2003	49.00	90.00	\$69,250	\$13,578	\$55,671				
Gas And Oil Building	3939	4841	31	100	240	0	\$9,261	1920		2003	49.00	90.00	\$4,723	\$926	\$3,797				
Dairy Barn	3940	4843	31	100	5,825	0	\$168,723	1895		2003	49.00	90.00	\$86,049	\$16,872	\$69,176				
Farm Shop	3941	4844	31	100	1,500	0	\$57,879	1920		2003	49.00	94.00	\$29,518	\$3,473	\$26,046				
Horse Barn	3942	4845	31	100	6,196	0	\$179,469	1920		2003	49.00	90.00	\$91,529	\$17,947	\$73,582				
Silo	3943	4846	31	100	154	0	\$5,942	1920		2003	49.00	90.00	\$3,030	\$594	\$2,436				
Cattle Shed	3944	4847	31	100	8,900	0	\$257,792	1920		2003	49.00	90.00	\$131,474	\$25,779	\$105,695				
Scale House	3945	4848	31	100	795	0	\$30,676	1970		2003	49.00	90.00	\$15,645	\$3,068	\$12,577				
Bull Barn	3946	4849	31	100	6,830	0	\$197,833	1935		2003	49.00	90.00	\$100,895	\$19,783	\$81,112				
Granary	3947	4850	31	100	3,000	0	\$115,758	1895		2003	49.00	90.00	\$59,036	\$11,576	\$47,461				
Calf Shed	3948	4851	31	100	480	0	\$13,903	1920		2003	49.00	90.00	\$7,091	\$1,390	\$5,700				
Pump House	3949	4853	31	100	640	0	\$24,695	1920		2003	49.00	90.00	\$12,594	\$2,469	\$10,125				
Hay Barn	3950	4857	31	100	2,560	0	\$84,394	1980		2003	49.00	90.00	\$43,041	\$8,439	\$34,602				
Pole Barn	3951	4858	31	100	1,400	0	\$40,551	1960		2003	49.00	90.00	\$20,681	\$4,055	\$16,626				
Pole Barn	3952	4859	31	100	2,400	0	\$69,517	1960		2003	49.00	90.00	\$35,454	\$6,952	\$28,502				
Pole Barn	3953	4860	31	100	2,800	0	\$81,103	1970		2003	49.00	90.00	\$41,363	\$8,110	\$33,252				
Cattle Shed	3954	4861	31	100	512	0	\$14,830	1960		2003	49.00	90.00	\$7,563	\$1,483	\$6,080				
Cattle Shed	3955	4862	31	100	420	0	\$12,165	1960		2003	49.00	90.00	\$6,204	\$1,217	\$4,988				
Cattle Shed	3956	4863	31	100	360	0	\$10,428	1960		2003	49.00	90.00	\$5,318	\$1,043	\$4,275				
Shop	3957	4880	31	100	1,600	0	\$51,897	1982		2003	91.04	94.00	\$4,650	\$3,114	\$1,536				

Office	3958	4881	16	100	2,304	0	\$100,895	1983		2003	88.22	94.00	\$11,885	\$6,054	\$5,832			
Pole Barn	8838	4882	16	100	1,800	0	\$19,344	2000		2003	98.00	90.00	\$387	\$1,934	\$0			
Pesticide Storage	8839	4883	31	100	153	0	\$27,402	2000		2003	98.00	90.00	\$548	\$2,740	\$0			
Hay Barn	8831	4884	31	100	5,615	0	\$19,913	2000		2003	98.00	90.00	\$398	\$1,991	\$0			
Laboratory/Office	3960	4891	11	100	6,042	0	\$378,964	1969		2003	88.10	94.00	\$45,097	\$22,738	\$22,359		M90030	
Greenhouse	3961	4892	11	100	1,000	0	\$38,584	1969		2003	84.70	94.00	\$5,903	\$2,315	\$3,588			
Shop/Storage	3962	4893	31	100	2,430	4,064	\$93,764	1976		2003	89.34	94.00	\$9,995	\$5,626	\$4,369			
Scale House	3963	4894	31	100	336	5,714	\$12,965	1976		2003	49.00	90.00	\$6,612	\$1,296	\$5,316			
Animal Shelter	3965	4896	31	100	800	513	\$3,035	1986		2003	49.00	90.00	\$1,548	\$304	\$1,244			
Residence/Duplex	3966	4901	52	100	3,169	2,027	\$152,849	1920		2003	64.00	94.00	\$55,025	\$9,171	\$45,855			
Residence	3967	4902	52	100	4,064	3,866	\$196,017	1920		2003	34.00	94.00	\$129,371	\$11,761	\$117,610			
Office/Lab	3968	4903	16	100	5,714	3,053	\$303,197	1848		2003	34.00	94.00	\$200,110	\$18,192	\$181,918			
Garage	3969	4905	31	100	513	122	\$19,795	1920		2003	34.00	90.00	\$13,064	\$1,979	\$11,085			
Machine Shed	3970	4906	31	100	2,027	1,555	\$78,214	1946		2003	34.00	90.00	\$51,621	\$7,821	\$43,800			
Garage/Onion Drying	3971	4907	31	100	3,866	71	\$149,173	1948		2003	34.00	90.00	\$98,454	\$14,917	\$83,537			
Potato Cellar	3972	4908	31	100	3,053	0	\$117,803	1920		2003	34.00	90.00	\$77,750	\$11,780	\$65,970			
Pump House	3973	4910	31	100	122	0	\$4,707	1936		2003	34.00	90.00	\$3,107	\$471	\$2,636			
Machine Shed	3975	4912	31	100	1,555	0	\$60,001	1948		2003	34.00	90.00	\$39,601	\$6,000	\$33,601			
Well House	3976	4913	31	100	71	0	\$2,740	1950		2003	34.00	90.00	\$1,808	\$274	\$1,534			
Office Building	5011	4914	16	100	2,333	0	\$134,125	1991		2003	64.00	94.00	\$48,285	\$8,048	\$40,238			
Radome	5012	4915	11	100	3,706	0	\$160,994	1991		2003	49.00	94.00	\$82,107	\$9,660	\$72,447			
CSFS-Alamosa/Shop	3977	6021	31	100	2,000	0	\$31,488	1978		2003	64.00	94.00	\$11,336	\$1,889	\$9,446			
CSFS - Boulder Office	5195	6131	16	100	1,867	0	\$385,180	2001		2003	98.00	94.00	\$7,704	\$23,111	\$0			
CSFS - Boulder Shop		6132	31	100	1,573	0	\$27,218	2001		2003	98.00	94.00	\$544	\$1,633	\$0			
CSFS-Franktown Office/Garage	7939	6341	16	100	3,540	0	\$103,584	1963		2003	78.22	94.00	\$22,561	\$6,215	\$16,346			
CSFS-Canon City/Off.	3980	6421	16	100	1,440	0	\$186,157	1978		2003	85.60	94.00	\$26,807	\$11,169	\$15,637		M90030	
CSFS-Canon City/Stor	3981	6422	31	100	2,400	0	\$37,788	1978		2003	94.79	90.00	\$1,969	\$3,779	\$0			
CSFS-La Veta/Office	3982	6541	16	100	775	0	\$12,704	1978		2003	72.89	94.00	\$3,444	\$762	\$2,682			
CSFS-La Veta/Storage	3983	6542	31	100	720	0	\$11,336	1978		2003	93.02	90.00	\$791	\$1,134	\$0			
CSFS-Durango/Storage	3985	6662	31	100	2,000	0	\$32,785	1978		2003	49.00	90.00	\$16,720	\$3,279	\$13,442			
CSFS-Durango/Office	5203	6664	16	100	1,821	0	\$231,777	1999		2003	64.00	94.00	\$83,440	\$13,907	\$69,533			
CSFS Ft Morgan/Offc.	5144	6863	16	100	2,607	0	\$236,307	1967		2003	64.00	94.00	\$85,070	\$14,178	\$70,892			
CSFS - Woodland Storage	3993	7182	31	100	2,304	0	\$36,284	1978		2003	64.00	94.00	\$13,062	\$2,177	\$10,885			
CSFS Woodland Office - # 1	7184	7183	16	100	609	0	\$31,196	1971		2003	64.00	94.00	\$11,231	\$1,872	\$9,359			
CSFS Woodland Main Office	5145	7184	16	100	1,848	0	\$235,064	1995		2003	64.00	94.00	\$84,623	\$14,104	\$70,519			

Building Estimated Backlog	\$93,409,627
Code Compliance Estimated Backlog	\$2,775,890
Total Estimated Backlog	\$96,185,517

	GSF	Expenses	\$/GSF
R&M	4,766,967	\$4,980,198	\$1.04
Janitorial	4,410,247	\$4,591,709	\$1.04
R&G	11,918,248	\$1,396,147	\$0.12
Utilities	5,486,209	\$12,182,920	\$2.22

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 charge 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
R & M - Blank 1			
Janitorial - Blank 2			
R & G - Blank 3			
Utilities -Blank 4			

	a) GSF	b) Expenses \$	c) \$/GSF
Repair & Maintenance - Blank 1	5,348,658	\$9,460,249	\$1.77
Janitorial - Blank 2	5,348,658	\$3,806,134	\$0.71
Roads & Grounds - Blank 3	11,918,248	\$1,923,461	\$0.16
Utilities -Blank 4	5,408,845	\$8,540,081	\$1.58

CM-01: CM REQUEST SUMMARY

**CONTROLLED MAINTENANCE REQUEST SUMMARY FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Agency Colorado State University 2) Department Higher Education
3) Date August 2006

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
3-01		Replace Deteriorated-Fire Alarms Phase <u>2</u> of <u>3</u> Total Project Cost: <u>\$1,200,000</u> Prior Appropriation: <u>\$400,000</u> Current Year Request: <u>\$400,000</u> Project Balance: <u>\$800,000</u>		1	3		
2-97		Replace Deteriorated-Forestry Phase <u>2</u> of <u>2</u> Total Project Cost: <u>\$1,140,570</u> Prior Appropriation: <u>\$551,876</u> Current Year Request: <u>\$588,694</u> Project Balance: <u>\$588,694</u>		1	3		
1-04		Replace Deteriorated-Env. Control System Phase <u>2</u> of <u>3</u> Total Project Cost: <u>\$956,666</u> Prior Appropriation: <u>\$267,121</u> Current Year Request: <u>\$344,773</u> Project Balance: <u>\$689,545</u>		1	3		
1-99		Replace Deteriorated-Music Bldg. Phase <u>2</u> of <u>2</u> Total Project Cost: <u>\$1,349,165</u> Prior Appropriation: <u>\$697,565</u> Current Year Request: <u>\$651,600</u> Project Balance: <u>\$651,600</u>		1	3		

^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 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

4) Proj M#	4) Agency ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	Agency Priority # AP	Operational Criteria x OC	Criticality Index x CI	Project Score = PS
7) Nos. 1-5	8) Nos. 1-3	9)	10)				
2-01		Replace Deteriorated- Steam & Condensate Phase <u> 2 </u> of <u> 3 </u> Total Project Cost: <u>\$1,975,777</u> Prior Appropriation: <u>\$490,415</u> Current Year Request: <u>\$678,664</u> Project Balance: <u>\$1,485,362</u>		1	3		
16-00		Sanitary Sewer Improvements Phase <u> 1 </u> of <u> 3 </u> Total Project Cost: <u>\$1,919,556</u> Prior Appropriation: <u>\$</u> Current Year Request: <u>\$639,852</u> Project Balance: <u>\$1,919,556</u>		1	3		
4-04		Utility Long Range Plan Elec. System Upgrades Phase <u> 1 </u> of <u> 3 </u> Total Project Cost: <u>\$1,543,200</u> Prior Appropriation: <u>\$</u> Current Year Request: <u>\$580,800</u> Project Balance: <u>\$1,543,200</u>		1	3		
5-02		Replace Deteriorated- Classroom Seating Phase <u> 1 </u> of <u> 1 </u> Total Project Cost: <u>\$702,245</u> Prior Appropriation: <u>\$702,245</u> Current Year Request: <u>\$702,245</u> Project Balance: <u>\$</u>		1	3		

^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 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Agency Colorado State University 2) Department Higher Education
3) Date August 2006

4) Proj M#	4) Agency ID NO.	5) PROJECT TITLE and PHASE	6) PROJ. ESTIMATE \$	7) Nos. 1-5	8) Nos. 1-3	9) Agency Priority # AP	Operational Criteria x OC	Criticality Index x CI	Project Score = PS
8-03		Replace Deteriorated-Engineering Research Center Phase <u>1</u> of <u>3</u> Total Project Cost: <u>\$1,858,746</u> Prior Appropriation: <u>\$</u> Current Year Request: <u>\$619,582</u> \$1 Project Balance: <u>.858,746</u>		1	3				
1-05		Direct Digital Control System Conversion Phase <u>1</u> of <u>3</u> Total Project Cost: <u>\$1,186,907</u> Prior Appropriation: <u>\$</u> Current Year Request: <u>\$493,907</u> Project Balance: <u>\$1,186,907</u>		1	3				
3-07		Replace Deteriorated-Fume Hoods (Chemistry) Phase <u>1</u> of <u>2</u> Total Project Cost: <u>\$1,366,000</u> Prior Appropriation: <u>\$</u> Current Year Request: <u>\$683,000</u> Project Balance: <u>\$1,366,000</u>		1	3				

^A **Current-Year CM Total \$** **\$6,383,117**

^A **FY 2008/2009 CM Total \$** **\$,6,295,969**

^A **FY 2009/2010 CM Total \$** **\$5,842,403**

^A **FY 2010/2011 CM Total \$** **\$6,907,051**

^A **FY 2011/2012 CM Total \$** **\$6,950,062**

^B **Total Five Year CM Plan (Short-Term Needs) \$** **\$31,801,695**

^C **Non-Prioritized Building Maintenance Total \$**

^D **Non-Prioritized Infrastructure Maintenance Total \$**

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

**AGENCY ASSET MANAGEMENT MAINTENANCE STRATEGY FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

Page 1 of 1

1) Agency: Colorado State University

2) Department: Higher Education

3) Prepared by: Mike Rush

4) Date: August 2006

#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, Music and Forestry as examples, so we document numerous systems and individual items in multiple buildings. 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.

CHEMISTRY

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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. 3-07 Project M # _____
4) Agency Priority # 1
5) Project Title Replace Det. Fume Hoods Controls- Chemistry Phase 1 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Chemistry _____
 Risk Mgmt. Bldg(s) ID# 3339 _____
- 2) Facility Location Main Campus
- 3) Facility Area/Age GSF 168,037 ASF 102,587 Date Built 1971
- 4) Facility Functional Use/Occupancy Science
- 5) Facility Construction (Type) II-FR
- 6) Facility Physical Condition and Facility Condition Index (FCI) Number- A (CCHE2)
Actual FCI = 70 Target FCI 94 Date of Last Audit 1/10/2005
(Describe) The Chemistry Building is due for another facility condition audit in 2008. We estimate the actual FCI is now about 68 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) 12/25/12
The Chemistry Building is used for teaching 14 hours/day Monday-Friday nine months a year. Research occurs in this facility 8+ hours / day, sometimes 7 days a week, 12 months a year.
- 8) Facility - Current Replacement Value \$ 30,717,751
- 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 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

10) Facility Audit Survey:

- | | | |
|---|----------------|-----------------------------|
| a) Facility Audit Survey concluded and submitted to SBREP - | Date | <u>August 2002</u> |
| b) Status of the Infrastructure Assessment. | % Completed | <u> </u> |
| c) Facility Audit Survey Cycle | <u>Phase 3</u> | <u> </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> </u>	<u>NONE</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):

The majority of the fume hoods in this heavily used research facility are original to the building and over 30 years old. Many of the fume hoods do not meet current environmental health standards and are in most cases of limited use to the department. The building as a whole has a supply air shortage due in large part to not being able to limit or control air flow at the existing fume hoods. In some cases utility connections to the hoods and ducting needs to be upgraded and / or replaced. The appropriate solution is to replace the fume hoods and associated ductwork as necessary to meet current standards and improve supply and exhaust air ratios.

2) Total Project Cost Estimate (From Cost Breakdown) \$ \$1,366,000

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

The fume hoods in the building will continue to deteriorate and may become unsafe. Unsafe conditions will terminate research activities in subject areas that could jeopardize grant funding. Many of the subject fume hoods are currently unusable do to age and deterioration. With replacement we will see advancement in research endeavors and teaching opportunities that will promote the department, the university and the state.

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.

Many of the subject fume hoods are currently unusable do to age and deterioration. With replacement we will see advancement in research endeavors and teaching opportunities. This will promote the Chemistry department, the university and the state.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase 1
3) Method of Estimate Historical Unit

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$28,000
Code Review/Inspection	\$ 4,000
Other (Explain)	
Total of Professional Services	\$32,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
Electrical upgrades to existing locations	10	\$4,300	\$43,000
Modifications for ducting and duct replacement	12	\$5,400	\$64,800
Purchase of new fume hoods	15	\$28,000	\$420,000
Installation for new fume hoods	15	\$4,074	\$61,104
Total of Construction Improvements Costs			\$620,904

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$62,096
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$683,000
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,366,000
---	-------------

Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase 2
3) Method of Estimate Historical Unit Cost

4) Professional Services

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

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Electrical upgrades to existing locations	10	\$4,300	\$43,000
Modifications for ducting and ductwork replacement	12	\$5,400	\$64,800
Purchase of new fume hoods	16	\$28,000	\$448,000
Installation for new fume hoods	16	\$4,070	\$65,120
Total of Construction Improvements Costs			\$620,920

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$62,080
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$683,000
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,366,000
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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)
	3-07	FY 2007/2008	1	\$683,000

\$683,000 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	3-07	FY 2008/2009	2	\$683,000

\$683,000 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$1,366,000
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

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

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

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

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. 3-01 Project M # _____
- 4) Agency Priority # 1
- 5) Project Title Replace Deteriorated Fire Alarms – Phase 2 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 Campus
- 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 Built	Occupancy	Const. Type	FCI
Microbiology	3310	65,664	40,803	1968	Science	II-1HR	80.95
Physiology	3336	64,740	37,310	1966	Science	II-FR	62.30
Visual Arts	3341	91,997	71,132	1973	Fine Arts	II-1HR	77.61
Anatomy Zoology	3337	148,437	101,739	1973	Science	II-FR	77.54
Natural Resources	3262	73,027	45,856	1975	Science	II-1HR	74.91

- 7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
Microbiology 12/25/12; Physiology 12/25/12; Visual Arts 12/25/12; Anatomy Zoology 12/25/12; Natural Resources 12/25/12

- 8) Facility - Current Replacement Value \$ _____
Microbiology-\$8,469,783; Physiology-\$9,863,165; Visual Arts-\$9,149,865; Anatomy Zoology-\$22,716,457; Natural Resources-\$9,529,096

- 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.)

10) Facility Audit Survey:

- | | | | |
|---|-------------|------------|-------------|
| a) Facility Audit Survey concluded and submitted to SBREP - | Date | 2005 | <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):

The fire alarm systems in these buildings are original. Parts are very difficult to obtain, coverage is incomplete in many areas, and none of the systems meet current code. Systems need to be replaced with current technology.

2) Total Project Cost Estimate (From Cost Breakdown) \$ \$1,200,000

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 is a significant safety hazard to building occupants.

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 building will improve by 50% - 100%

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

1) Approved By Mike Rush 2) Phase? 2
 3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services Included as part of the construction bid	
Code Review/Inspection	\$2,565
Other (Explain)	
Total of Professional Services	\$2,565

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Structure/System/Components			
Anatomy Zoology	SF	\$2.25	\$361,308
Total of Construction Improvements Costs			\$361,308

6) Miscellaneous (explain)

Total of Miscellaneous Costs			

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$36,127
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$400,000
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,200,000
---	-------------

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

1) Approved By Mike Rush 2) Phase? 3
 3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services Included as part of the construction bid	
Code Review/Inspection	\$2,565
Other (Explain)	
Total of Professional Services	\$2,565

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Structure/System/Components			
Anatomy Zoology	SF	\$2.25	\$361,308
Total of Construction Improvements Costs			\$361,308

6) Miscellaneous (explain)

Total of Miscellaneous Costs			

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$36,127
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)

\$400,000

9) **TOTAL PROJECT COST** (all phases)= **REQUEST**

\$1,200,000

E. PROPOSED PHASING
PRIOR PHASING¹

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		
	3-01	FY 2006/2007	1	\$400,000

\$ 400,000 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	3-01	FY 2007/2008	2	\$400,000

\$ 400,000 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	3-01	FY 2008/2009	3	\$400,000

\$ 400,000 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,200,000
(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 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 08</u>
4. Project Close-out/Final Completion	<u>May 08</u>	<u>July 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

*Facilities Audit Program
Building Summary*

Building Name: Anatomy-Zoology

Number: 0143

Construction Date: 1973 *Gross Square Feet:* 148,437 *Net Square Feet:* 137,252

Date of Audit: 02/14/2006 *Cycle:* 5 *Phase:* 3 *No. of Stories:* 4

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

Replacement Cost: \$22,716,457.07 *Cost Per SF:* \$153.04

<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	\$127,212.16
Ext Walls	0.1000	0.06	0.0060	\$136,298.74
Floors	0.1500	0.07	0.0105	\$238,522.81
Roof	0.6000	0.06	0.0360	\$817,792.47
Ceiling	0.5000	0.03	0.0150	\$340,746.85
Int Walls	0.1100	0.09	0.0099	\$224,892.93
Windows	0.4500	0.02	0.0090	\$204,448.12
Doors	0.2600	0.02	0.0052	\$118,125.57
Cool Vent	0.2300	0.06	0.0149	\$339,611.03
Heat	0.1400	0.06	0.0091	\$206,719.75
Plumbing	0.3200	0.14	0.0448	\$1,017,697.26
Electrical	0.4600	0.07	0.0322	\$731,469.89
Convey	0.3200	0.01	0.0032	\$72,692.66
Safety	0.3000	0.02	0.0060	\$136,298.74
AE/OP	0.2075	0.18	0.0373	\$848,255.25

Component Deficiency Total: 0.2448

Outstanding Maintenance: \$5,560,784.24

Facilities Condition Index (FCI): 75.52

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: 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: 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)

Facilities Audit Program Building Summary

Building Name: Microbiology

Number: 0120

Construction Date: 1968 *Gross Square Feet:* 65,664 *Net Square Feet:* 60,007

Date of Audit: 01/20/2004 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 4

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

Replacement Cost: \$8,469,782.67 *Cost Per SF:* \$128.99

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0400	0.07	0.0028	\$23,715.39
Ext Walls	0.1900	0.06	0.0114	\$96,555.52
Floors	0.2000	0.07	0.0140	\$118,576.96
Roof	0.5500	0.06	0.0330	\$279,502.83
Ceiling	0.3000	0.03	0.0090	\$76,228.05
Int Walls	0.1500	0.09	0.0135	\$114,342.08
Windows	0.1000	0.02	0.0020	\$16,939.57
Doors	0.2600	0.02	0.0052	\$44,042.87
Cool Vent	0.1800	0.13	0.0234	\$198,192.92
Heat	0.2300	0.00	0.0000	\$0.00
Plumbing	0.1500	0.14	0.0210	\$177,865.44
Electrical	0.2310	0.07	0.0162	\$136,956.39
Convey	0.2000	0.01	0.0020	\$16,939.57
Safety	0.2000	0.02	0.0040	\$33,879.13
AE/OP	0.1575	0.21	0.0331	\$280,084.70

Component Deficiency Total: 0.1905

Outstanding Maintenance: \$1,613,821.38

Facilities Condition Index (FCI): 80.95

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: Physiology

Number: 0142

Construction Date: 1966 Gross Square Feet: 64,740 Net Square Feet: 55,772

Date of Audit: 12/27/2004 Cycle: 5 Phase: 2 No. of Stories: 2

Classification: M150 College, Laboratory SBP Class: 11 Science

Replacement Cost: \$9,863,164.90 Cost Per SF: \$152.35

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.1000	0.07	0.0070	\$69,042.16
Ext Walls	0.0700	0.06	0.0042	\$41,425.29
Floors	0.2000	0.07	0.0140	\$138,084.31
Roof	0.3500	0.06	0.0210	\$207,126.45
Ceiling	0.8000	0.03	0.0240	\$236,715.96
Int Walls	0.2000	0.09	0.0180	\$177,536.98
Windows	0.7000	0.02	0.0140	\$138,084.30
Doors	0.4000	0.02	0.0080	\$78,905.32
Cool Vent	0.4500	0.06	0.0292	\$288,497.57
Heat	0.6500	0.06	0.0422	\$416,718.72
Plumbing	0.4400	0.14	0.0616	\$607,570.96
Electrical	0.7900	0.07	0.0553	\$545,433.04
Convey	0.3000	0.01	0.0030	\$29,589.50
Safety	0.5000	0.02	0.0100	\$98,631.65
AE/OP	0.3116	0.21	0.0654	\$645,406.04

Component Deficiency Total: 0.3770

Outstanding Maintenance: \$3,718,768.24

Facilities Condition Index (FCI): 62.30

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)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 Utility Long Range Plan – Electrical Systems Upgrades Project 1- Phase 1 of 3

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 Main and 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 2007/2008
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 -Main Campus -Pitkin Street Switching Station: Existing switchgear is obsolete and near the end of its useful life. Repair parts are at a premium and difficult to procure. The appropriate solution is to replace the switchgear a 13 cubical 15KV 12—A Shelterform.

PH2 -Foothills Campus –Rampart to ARBL area: Recent development at the Foothills Campus and the associated increased loads requires that the existing system be upgraded. This project installs a 500 kcmil (thousand circular mills) copper underground line from Rampart to the ARBL area.

PH3 -Foothills Campus –ARBL to CETT: Recent development at the Foothills Campus and the associated increased loads requires that the existing system be upgraded. This project extends the 500 kcmil (thousand circular mills) copper underground line from the ARBL area to the CETT area. New 2-way ductbank 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) \$ 1,543,200

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

Main Campus -Pitkin Street Switching Station: Loss of power to portions of the main campus including buildings with critical pieces of research equipment because when the switchgear fails it may not be able to be repaired. If emergency repairs are possible, they will be at a premium cost.

Foothills Campus: Overhead lines may fail 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. The foothills campus is home to a number of federally funded research projects which require continued development in terms of associated facilities in which to conduct research. 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.

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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

Main Campus – Out dated gear is almost unrepairable. The gear will be replaced with the modern electrical gear ensuring uninterrupted electrical service.

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

[Fwd: Re: Utility Plan CM project]

Subject: [Fwd: Re: Utility Plan CM project]
From: Mike Rush <mrush@users.fm.colostate.edu>
Date: Mon, 23 Oct 2006 11:09:01 -0600
To: Dewey D Wearne <Dewey.Wearne@ColoState.EDU>

Subject: RE: Utility Plan CM project
From: "Vanderwall, Rod" <rod.vanderwall@state.co.us>
Date: Mon, 23 Oct 2006 11:06:39 -0600
To: 'Mike Rush' <mrush@users.fm.colostate.edu>

Mike,

I only need an updated CM-03 for the Pitkin project. I updated your 5 year plan myself.

Rod

-----Original Message-----

From: Mike Rush [mailto:mrush@users.fm.colostate.edu]
Sent: Monday, October 23, 2006 10:57 AM
To: Vanderwall, Rod; Dewey D Wearne
Subject: Re: Utility Plan CM project

O.K. please send along an electronic copy and we will get our forms updated for next year. Thanks, Mike

Vanderwall, Rod wrote:

Mike,

I modified the Utility Plan Electrical Project from 3 phases to 1 phase. The new project, Pitkin Station Electrical Switchgear Replacement, Ph 1 of

1

is still at the \$580,800.

The reason I decided to make the foothill electrical project a separate request for next year is that the request is in two different locations

and

the foothills project is overhead lines and the Pitkin project is a switchgear. Different needs.

Rod

Re: Utility Plan CM project

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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase 1 of 3
 3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$84,000
Code Review/Inspection	
Other (Explain)	,
Total of Professional Services	\$84,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
15 KV Switchgear 13 Cubical	1	\$415,900	\$415,900
Internal Wiring	1	\$2,450	\$2,450
Feeder Cable Terminations	1	\$20,200	\$20,200
Crane	1	\$2,800	\$2,800
Misc. Materials	1	\$38,250	\$38,250
Total of Construction Improvements Costs			\$479,600

6) Miscellaneous (explain)

Total of Miscellaneous Costs		\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$52,800
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$580,800
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,543,200
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase 2 of 3
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$45,400
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	\$45,400

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
Trenching/Backfill	1600	\$5.00	\$8,000
Underground Duct Bank	1600	\$37.00	\$59,200
Manhole	3	\$4,600	\$13,800
15kv Cable/Terminations	1600	\$36.00	\$57,600
Transformers	2	\$11,000	\$22,000
Switches	3	\$20,000	\$60,000
Total of Construction Improvements Costs			\$220,660

6) Miscellaneous (explain)

Total of Miscellaneous Costs		\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$25,840
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$291,900
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,543,200
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase 3 of 3
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$75,000
Code Review/Inspection	
Other (Explain)	\$15,500
Total of Professional Services	\$95,500

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
Trenching/Backfill	2980	\$5.00	\$14,900
Underground Duct Bank	2980	\$37.00	\$110,260
Manhole	10	\$4,600	\$46,000
15kv Cable/Terminations	3000	\$36.00	\$108,000
Transformers	8	\$20,000	\$160,000
Switches	4	\$20,000	\$80,000
Total of Construction Improvements Costs			\$519,160

6) Miscellaneous (explain)

Total of Miscellaneous Costs			

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$55,840
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$670,500
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,543,200
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 2007/2008	1	\$580,800

\$580,800 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2008/2009	2	\$291,900
		FY 2009/2010	3	\$670,500
		FY 2010/2011		

\$ 962,400 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$1,543,200
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE ONE	FROM	TO
1. Pre-Design (Insert Dates)	_____	_____
2. Design (Insert Dates)	July 07	Dec 07
3. Construction (Insert Dates)	Jan 08	May 08
4. Project Close-out/Final Completion	May 08	June 08

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

Utility Audit Summary

Utility System	Audit Date	Replacement Cost	Actual FCI	Target FCI	A/Det	T/Det	T/Backlog	Renewal Cost
Electric	7/1/2000	\$13,992,550	68	90	\$4,477,616	\$1,399,255	\$3,078,361	\$4,477,616
District Heating	7/1/2000	\$49,968,600	71	90	\$14,490,894	\$4,996,860	\$9,494,034	\$14,490,894
District Cooling	7/1/2000	\$6,215,020	96	90	\$248,601	\$621,502	(\$372,901)	\$248,601
Natural Gas/Propane	7/1/2000	\$603,100	30	90	\$422,170	\$60,310	\$361,860	\$422,170
Water	7/1/2000	\$4,094,700	74	90	\$1,064,622	\$409,470	\$655,152	\$1,064,622
Sanitary	7/1/2000	\$2,615,200	66	85	\$889,168	\$392,280	\$496,888	\$889,168
Stormwater	7/1/2000	\$4,907,100	72	85	\$1,373,988	\$736,065	\$637,923	\$1,373,988
Irrigation	7/1/2000	\$1,361,100	34	75	\$898,326	\$340,275	\$558,051	\$898,326
Compressed Air	7/1/2000	\$1,028,000	40	90	\$616,800	\$102,800	\$514,000	\$616,800
Fiber Optics	7/1/2000	\$1,555,156	60	90	\$622,062	\$155,516	\$466,547	\$622,062
Asphalt	7/1/2000	\$3,704,161		90		\$370,416		
Totals		\$90,044,687			\$25,104,247	\$9,584,749	\$15,889,915	\$25,104,247

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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. 5-02 Project M # _____
4) Agency Priority # 1
5) Project Title Replace Det. Classroom Seating Phase 1 of 1

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Chemistry, Natural Resources, Pathology, Glover
 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
Actual FCI = _____ Targeted FCI = _____ Date of Last Audit _____

(Describe) Replace auditorium and classroom seating in the following buildings: Chemistry, Natural Resources, Pathology, and Glover. In all cases the seating was installed with the original building construction and has surpassed its useful life. The seating has been repaired as necessary but replacement components have become increasingly unavailable

7) Facility – Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)
All classroom facilities are used 14 hours a day, 4 days a week, 9 months a year.

8) Facility - Current Replacement Value \$

Chemistry	\$30,717,752
Natural Resources	\$9,529,096
Pathology	\$6,807,846
Glover	\$7,508,990

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 2007/2008
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 _____

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):

Seating in these auditoriums and classrooms is heavily utilized. Material is worn, torn and soiled and tablet arms are broken. Replacement parts are no longer manufactured and stored replacement stock components are nearing depletion. The appropriate solution is to replace the classroom and auditorium seating inclusive of the stands and mounting hardware.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 702,245

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

Seating is becoming unusable and difficult to repair due to discontinuation of the units and very limited availability to parts. Classrooms will become unusable without adequate seating. With current scheduling, there are no other classrooms available for large classes. This type of disrepair can lead to negative impacts on institutional enrollment.

Many of the classrooms have been updated with audio and visual technology but the original seating remains in a state of disrepair. With replacement of the seating, the classrooms can function as modern state of the art teaching venues and thus have a positive impact on institutional enrollment and instructional success.

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.

Replacement of the seating in these building will raise the facility condition index by 5 points due to the enhancement of the classrooms through installation of new furnishings.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase 1 of 1
3) Method of Estimate Historical Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$60,000
Code Review/Inspection	
Other (Explain)	
Total of Professional Services	\$60,000

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Replace seating – Chemistry A101	158 EA	\$610.00	\$96,380
Replace seating – Chemistry A103	256 EA	\$610.00	\$156,160
Replace seating – Natural Res.	147 EA	\$610.00	\$89,670
Replace seating – Pathology 101	145 EA	\$610.00	\$88,450
Replace seating – Glover 130	176 EA	\$610.00	\$107,360
Replace Associated Carpet	1372yds	\$29.43	\$40,378
Total of Construction Improvements Costs			\$638,398

6) Miscellaneous (explain)

Total of Miscellaneous Costs			\$

7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$63,847
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$702,245
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$702,245
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		

\$ _____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2007/2008	1	\$702,245

\$702,245 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2008/2009		
		FY 2009/2010		
		FY 2010/2011		

\$ _____ (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$702,245
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	<u>July 2007</u>	<u>August 2007</u>
2. Design (Insert Dates)	<u>August 2007</u>	<u>November 2007</u>
3. Construction (Insert Dates)	<u>December 2007</u>	<u>January 2008</u>
4. Project Close-out/Final Completion	<u>January 2008</u>	<u>January 2008</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

*Facilities Audit Program
Building Summary*

Building Name: Engineering South/Glover

Number: 0088

Construction Date: 1950

Gross Square Feet: 52,823

Net Square Feet: 45,229

Date of Audit: 12/01/2003 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 2

Classification: M120 Classroom, 2-3 Story

SBP Class: 12 Engineering

Replacement Cost: \$7,508,990.18

Cost Per SF: \$142.15

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0600	0.02	0.0012	\$9,010.79
Ext Walls	0.0700	0.04	0.0028	\$21,025.17
Floors	0.1100	0.12	0.0132	\$99,118.67
Roof	0.4500	0.05	0.0225	\$168,952.29
Ceiling	0.1000	0.04	0.0040	\$30,035.96
Int Walls	0.0600	0.06	0.0036	\$27,032.36
Windows	0.2000	0.03	0.0060	\$45,053.94
Doors	0.1000	0.04	0.0040	\$30,035.96
Cool Vent	0.2000	0.17	0.0340	\$255,305.67
Heat	0.1500	0.00	0.0000	\$0.00
Plumbing	0.2000	0.07	0.0140	\$105,125.86
Electrical	0.2000	0.11	0.0220	\$165,197.79
Convey	0.2000	0.01	0.0020	\$15,017.98
Safety	0.2000	0.01	0.0020	\$15,017.98
AE/OP	0.1313	0.18	0.0236	\$177,467.49

Component Deficiency Total: 0.1549

Outstanding Maintenance: \$1,163,397.92

Facilities Condition Index (FCI): 84.51

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: 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)

**Facilities Audit Program
Building Summary**

Building Name: Pathology

Number: 0140

Construction Date: 1976

Gross Square Feet: 58,902

Net Square Feet: 54,603

Date of Audit: 01/26/2004 Cycle: 4 Phase: 4 No. of Stories: 3

Classification: M150 College, Laboratory

SBP Class: 11 Science

Replacement Cost: \$6,807,846.04

Cost Per SF: \$115.58

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.0700	0.07	0.0049	\$33,358.45
Ext Walls	0.1100	0.06	0.0066	\$44,931.78
Floors	0.1500	0.07	0.0105	\$71,482.39
Roof	0.8500	0.06	0.0510	\$347,200.15
Ceiling	0.3500	0.03	0.0105	\$71,482.39
Int Walls	0.2500	0.09	0.0225	\$153,176.54
Windows	0.1500	0.02	0.0030	\$20,423.54
Doors	0.3000	0.02	0.0060	\$40,847.08
Cool Vent	0.2500	0.13	0.0325	\$221,254.99
Heat	0.1500	0.00	0.0000	\$0.00
Plumbing	0.2500	0.14	0.0350	\$238,274.61
Electrical	0.1800	0.07	0.0126	\$85,778.86
Convey	0.3000	0.01	0.0030	\$20,423.54
Safety	0.3000	0.02	0.0060	\$40,847.08
AE/OP	0.2041	0.21	0.0429	\$291,791.08

Component Deficiency Total: 0.2470

Outstanding Maintenance: \$1,681,272.46

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)

**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)

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 Deteriorated Environmental Control System – Phase 2 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

(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

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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.)

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10) Facility Audit Survey:

- a) Facility Audit Survey concluded and submitted to SBREP - Date 2005
- b) Status of the Infrastructure Assessment. % Completed 50
- 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
<u>P0017</u>	<u>Plant Science Renovation</u>	<u>June 05</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) \$ 956,666

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.

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- 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.

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

1) Approved By Mike Rush 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	\$0

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Structure/System/Components			
Engineering South/Glover			
Receiver controller	EA	\$4,780	\$86,040
Valves/actuators	EA	\$609	\$30,450
Programming	LS	\$16,442	\$16,442
Auditorium Gymnasium			
Receiver controller	EA	\$4,780	\$109,940
Valves/actuators	EA	\$609	\$38,367
Programming	LS	\$17,335	\$17,335
Natural Resources			
Receiver controller	EA	\$4,780	\$9,560
Valves/actuators	EA	\$609	\$3654
Programming	LS	\$1,645	\$1,645
Total of Construction Improvements Costs			\$313,430

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.)	\$31,343
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$344,773
9) TOTAL PROJECT COST (all phases)= REQUEST	\$956,666

Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Mike Rush 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>
Structure/System/Components			
Visual Arts			
Receiver controller	EA	\$4,780	\$9,560
Valves/actuators	EA	\$609	\$3,654
Programming	LS	\$2,899	\$2,899
AIDL			
Receiver controller	EA	\$4,780	\$23,900
Valves/actuators	EA	\$609	\$8,526
Programming	LS	\$5,681	\$5,681
Animal Sciences			
Receiver controller	EA	\$4,780	\$14,340
Valves/actuators	EA	\$609	\$4,263
Programming	LS	\$894	\$894
ARBL			
Receiver controller	EA	\$4,780	\$23,900
Valves/actuators	EA	\$609	\$8,526
Programming	LS	\$5,171	\$5,171
Aylesworth Hall			
Receiver controller	EA	\$4,780	\$19,120
Valves/actuators	EA	\$609	\$6,090
Programming	LS	\$1,648	\$1,648
CETT			
Receiver controller	EA	\$4,780	\$28,680
Valves/actuators	EA	\$609	\$10,353
Programming	LS	\$4,687	\$4,687
Engineering Research Center			
Receiver controller	EA	\$4,780	\$23,900
Valves/actuators	EA	\$609	\$7,917
Programming	LS	\$3,682	\$3,682

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Plant Sciences			
Receiver controller	EA	\$4,780	\$33,460
Valves/actuators	EA	\$609	\$11,571
Programming	LS	\$5,246	\$5,246
General Services			
Receiver controller	EA	\$4,780	\$9,560
Valves/actuators	EA	\$609	\$3,045
Programming	LS	\$393	\$393
John E. Painter Center			
Receiver controller	EA	\$3,840	\$3,840
Valves/actuators	EA	\$609	\$1,359
Programming	LS	\$709	\$709
Spruce Hall			
Receiver controller	EA	\$4,780	\$19,120
Valves/actuators	EA	\$609	\$6,090
Programming	LS	\$1,645	\$1,645
Total of Construction Improvements Costs			\$313,429

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.)	\$31,343
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)

	\$344,772
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9) TOTAL PROJECT COST (all phases)= REQUEST

	\$956,666
--	-----------

Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		
	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 2006/2007	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 2007/2008	3	\$344,772
		FY 2009/2010		
		FY 2010/2011		

\$ 344,772 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 956,666
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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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 08</u>
4. Project Close-out/Final Completion	<u>May 08</u>	<u>July 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**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)

**Facilities Audit Program
Building Summary**

Building Name: Andrew G. Clark

Number: 0091

Construction Date: 1967 **Gross Square Feet:** 254,792 **Net Square Feet:** 229,960

Date of Audit: 12/06/2005 **Cycle:** 5 **Phase:** 3 **No. of Stories:** 3

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

Replacement Cost: \$27,170,356.42 **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	0.2500	0.02	0.0050	\$135,851.78
Ext Walls	0.4000	0.04	0.0160	\$434,725.70
Floors	0.4000	0.12	0.0480	\$1,304,177.10
Roof	0.5500	0.05	0.0275	\$747,184.83
Ceiling	0.3700	0.04	0.0148	\$402,121.27
Int Walls	0.1800	0.06	0.0108	\$293,439.85
Windows	0.3000	0.03	0.0090	\$244,533.21
Doors	0.3000	0.04	0.0120	\$326,044.28
Cool Vent	0.1300	0.09	0.0110	\$300,232.43
Heat	0.3200	0.09	0.0272	\$739,033.69
Plumbing	0.3500	0.07	0.0245	\$665,673.72
Electrical	0.7000	0.11	0.0770	\$2,092,117.40
Convey	0.2100	0.01	0.0021	\$57,057.75
Safety	0.7000	0.01	0.0070	\$190,192.49
AE/OP	0.2920	0.18	0.0526	\$1,427,829.47

Component Deficiency Total: 0.3445

Outstanding Maintenance: \$9,360,215.06

Facilities Condition Index (FCI): 65.55

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:** 198,935

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)

**Facilities Audit Program
Building Summary**

Building Name: Engineering South/Glover *Number:* 0088
Construction Date: 1950 *Gross Square Feet:* 52,823 *Net Square Feet:* 45,229
Date of Audit: 12/01/2003 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 2
Classification: M120 Classroom, 2-3 Story *SBP Class:* 12 Engineering
Replacement Cost: \$7,508,990.18 *Cost Per SF:* \$142.15

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0600	0.02	0.0012	\$9,010.79
Ext Walls	0.0700	0.04	0.0028	\$21,025.17
Floors	0.1100	0.12	0.0132	\$99,118.67
Roof	0.4500	0.05	0.0225	\$168,952.29
Ceiling	0.1000	0.04	0.0040	\$30,035.96
Int Walls	0.0600	0.06	0.0036	\$27,032.36
Windows	0.2000	0.03	0.0060	\$45,053.94
Doors	0.1000	0.04	0.0040	\$30,035.96
Cool Vent	0.2000	0.17	0.0340	\$255,305.67
Heat	0.1500	0.00	0.0000	\$0.00
Plumbing	0.2000	0.07	0.0140	\$105,125.86
Electrical	0.2000	0.11	0.0220	\$165,197.79
Convey	0.2000	0.01	0.0020	\$15,017.98
Safety	0.2000	0.01	0.0020	\$15,017.98
AE/OP	0.1313	0.18	0.0236	\$177,467.49

Component Deficiency Total: 0.1549

Outstanding Maintenance: \$1,163,397.92
Facilities Condition Index (FCI): 84.51

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: 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)

**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)

**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: 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)

**Facilities Audit Program
Building Summary**

Building Name: Atmospheric Science

Number: 1120

Construction Date: 1967

Gross Square Feet: 37,079

Net Square Feet: 31,457

Date of Audit: 02/23/2004

Cycle: 4

Phase: 4

No. of Stories: 4

Classification: M460 Office Building

SBP Class: 11 Science

Replacement Cost: \$3,825,792.68

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	0.2000	0.02	0.0040	\$15,303.17
Ext Walls	0.3500	0.09	0.0315	\$120,512.47
Floors	0.2500	0.16	0.0400	\$153,031.70
Roof	0.2500	0.03	0.0075	\$28,693.44
Ceiling	0.2500	0.05	0.0125	\$47,822.41
Int Walls	0.2000	0.05	0.0100	\$38,257.93
Windows	0.6000	0.02	0.0120	\$45,909.51
Doors	0.6000	0.05	0.0300	\$114,773.79
Cool Vent	0.1500	0.09	0.0128	\$48,778.86
Heat	0.1500	0.09	0.0128	\$48,778.86
Plumbing	0.2900	0.02	0.0058	\$22,189.60
Electrical	0.3900	0.12	0.0468	\$179,047.09
Convey	0.1500	0.03	0.0045	\$17,216.07
Safety	0.2500	0.01	0.0025	\$9,564.48
AE/OP	0.2326	0.18	0.0419	\$160,178.30

Component Deficiency Total: 0.2745

Outstanding Maintenance: \$1,050,057.68

Facilities Condition Index (FCI): 72.55

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: Center for Envir Toxicology & Technology **Number:** 1422

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

Date of Audit: 03/15/2004 **Cycle:** 4 **Phase:** 4 **No. of Stories:** 1

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

Replacement Cost: \$1,514,262.34 **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	0.1200	0.07	0.0084	\$12,719.80
Ext Walls	0.1400	0.06	0.0084	\$12,719.80
Floors	0.1800	0.07	0.0126	\$19,079.71
Roof	0.2700	0.06	0.0162	\$24,531.05
Ceiling	0.6200	0.03	0.0186	\$28,165.28
Int Walls	0.2000	0.09	0.0180	\$27,256.72
Windows	0.6500	0.02	0.0130	\$19,685.41
Doors	0.6500	0.02	0.0130	\$19,685.41
Cool Vent	0.1500	0.07	0.0105	\$15,899.76
Heat	0.8700	0.06	0.0522	\$79,044.49
Plumbing	0.4000	0.14	0.0560	\$84,798.69
Electrical	0.4000	0.07	0.0280	\$42,399.35
Safety	0.4000	0.02	0.0080	\$12,114.10
AE/OP	0.2629	0.21	0.0552	\$83,600.91

Component Deficiency Total: 0.3181

Outstanding Maintenance: \$481,700.49

Facilities Condition Index (FCI): 68.19

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: 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 = (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: 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: General Services Building **Number:** 0102
Construction Date: 1948 **Gross Square Feet:** 74,907 **Net Square Feet:** 66,167
Date of Audit: 12/20/2005 **Cycle:** 5 **Phase:** 3 **No. of Stories:** 3
Classification: M460 Office Building **SBP Class:** 16 Office
Replacement Cost: \$11,462,561.28 **Cost Per SF:** \$153.02

<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	\$34,387.68
Ext Walls	0.1400	0.09	0.0126	\$144,428.28
Floors	0.1500	0.16	0.0240	\$275,101.48
Roof	0.1500	0.03	0.0045	\$51,581.53
Ceiling	0.1700	0.05	0.0085	\$97,431.77
Int Walls	0.1700	0.05	0.0085	\$97,431.77
Windows	0.1700	0.02	0.0034	\$38,972.71
Doors	0.2500	0.05	0.0125	\$143,282.02
Cool Vent	0.6700	0.09	0.0603	\$691,192.49
Heat	0.4800	0.08	0.0384	\$440,162.33
Plumbing	0.3300	0.02	0.0066	\$75,652.91
Electrical	0.9800	0.12	0.1176	\$1,347,997.20
Convey	0.1800	0.03	0.0054	\$61,897.83
Safety	0.3000	0.01	0.0030	\$34,387.68
AE/OP	0.3083	0.18	0.0555	\$636,103.41

Component Deficiency Total: 0.3638

Outstanding Maintenance: \$4,170,011.12

Facilities Condition Index (FCI): 63.62

FCI = (1-Component Deficiency Total) x 100

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

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)

**Facilities Audit Program
Building Summary**

Building Name: Spruce Hall

Number: 0064

Construction Date: 1881

Gross Square Feet: 18,738

Net Square Feet: 15,912

Date of Audit: 11/03/2003 **Cycle:** 4 **Phase:** 4 **No. of Stories:** 2

Classification: M460 Office Building

SBP Class: 16 Office

Replacement Cost: \$1,691,705.99

Cost Per SF: \$90.28

<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	\$5,075.12
Ext Walls	0.1000	0.09	0.0090	\$15,225.35
Floors	0.1500	0.16	0.0240	\$40,600.94
Roof	0.2000	0.03	0.0060	\$10,150.24
Ceiling	0.1500	0.05	0.0075	\$12,687.80
Int Walls	0.1600	0.05	0.0080	\$13,533.65
Windows	0.2000	0.02	0.0040	\$6,766.82
Doors	0.2000	0.05	0.0100	\$16,917.06
Cool Vent	0.1900	0.17	0.0323	\$54,642.10
Heat	0.1500	0.00	0.0000	\$0.00
Plumbing	0.3500	0.02	0.0070	\$11,841.94
Electrical	0.2800	0.12	0.0336	\$56,841.32
Convey	0.0500	0.03	0.0015	\$2,537.56
Safety	0.2000	0.01	0.0020	\$3,383.41
AE/OP	0.1479	0.18	0.0266	\$45,036.60

Component Deficiency Total: 0.1745

Outstanding Maintenance: \$295,239.91

Facilities Condition Index (FCI): 82.55

FCI = (1-Component Deficiency Total) x 100

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

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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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 Deteriorated Items - Engineering Research Center Building Revitalization Phase 1 of 3

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 = 94.00 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 2007/2008
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10) Facility Audit Survey:

- a) Facility Audit Survey concluded and submitted to SBREP - Date 2005 _____
- b) Status of the Infrastructure Assessment. In Progress % Completed 50
- 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
_____	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):

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. Phase 3 will replace/repair the windows and lights.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 1,858,746

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 2007/2008
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D. DETAILED COST ESTIMATE (detail by phase, one page per phase, include all phases)

1) Approved By Mike Rush 2) Phase 1 thru 3
3) Method of Estimate Historic Unit Cost

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$241,808
Code Review/Inspection	\$3,130
Other (Explain)	
Total of Professional Services	\$244,938

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Structure/System/Component			
Replace windows	SF	\$16.35	\$201,720
Replace Lighting	SF	\$2.07	\$310,698
Install branch circuits	SF	\$1.24	\$190,896
Replace distribution equipment	LS	\$194,040	\$198,891
Replace HVAC wiring	LS	\$59,280	\$60,762
Electrical demolition	SF	\$.16	\$24,231
Replace chiller	LS	\$290,000	\$290,000
Replace unit ventilators & temp. controls	EA	\$2,000	\$189,900
Total of Construction Improvements Costs			\$1,467,098

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.)	\$146,710
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase) Total Phase One – Three = 1,858,668 divided equally into three phases at \$619,582 each.	\$1,858,746
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,858,746
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		

\$ 0 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	8-03	FY 2007-2008	1	\$619,582

\$ 619,582 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	8-03	FY 2008/2009	2	\$619,582
	8-03	FY 2009/2010	3	\$619,582

\$ 1,239,164 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,858,746
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

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

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

*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 = (1 - Component Deficiency Total) x 100

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

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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. 2-97 Project M # _____
4) Agency Priority # 1
5) Project Title Replace Deteriorated Items, Forestry – Phase 2 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Forestry _____
 Risk Mgmt. Bldg(s) ID# 3260 _____

2) Facility Location Main Campus

3) Facility Area/Age GSF 27,046 ASF 18,430 Date Built 1937

4) Facility Functional Use/Occupancy Science

5) Facility Construction (Type) III-1HR

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = 58.43 Targeted FCI = 94.00 Date of Last Audit 2003

(Describe) _____

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

8) Facility - Current Replacement Value \$ 3,296,342

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 2007/2008
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
<u>M 01017</u>	<u>Replace Deteriorated Items, Forestry – Phase 1 of 3</u>	<u>Complete</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): Heating, plumbing and electrical systems are 68 years old. The steam heating system is leaking and is very inefficient. Building occupants open windows to control the temperature. The plumbing system is corroded and parts are not available for the fixtures. The Insulation on the electrical wiring is deteriorated to the point of being a safety hazard and the system does not meet current code. Outages are becoming more frequent due to overloads. A two pipe hydronic heating system will be installed and the electrical and plumbing systems will be replaced.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 1,140,570

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request: Outages in all systems will become more frequent causing disruption to programs. Maintenance and energy costs will continue to rise and safety will continue to be an issue with the electrical system.

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 building FCI should improve from 58.43 to 85.57.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 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	\$0

5) Construction Improvement

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
Infrastructure			
Structure/System/Components			
Piping demolition	LF	\$2.04	\$8,784
Radiator demolition	EA	\$434.65	\$65,632
Heat exchanger	EA	\$41,201	\$41,201
Pumps	EA	\$5150	\$10,300
Piping & insulation	LF	\$52.94	\$228,021
Unit ventilators	EA	\$621	\$93,785
Temperature controls	LS	\$10,300	\$10,300
Suspended ceiling	SF	\$3.80	\$77,154
Total of Construction Improvements Costs			\$535,177

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.)	\$53,515
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$588,694
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,140,570
---	-------------

Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

Page 5 of 5

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 08</u>
4. Project Close-out/Final Completion	<u>May 08</u>	<u>July 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

Facilities Audit Program Building Summary

Building Name: Forestry

Number: 0081

Construction Date: 1937 Gross Square Feet: 27,046 Net Square Feet: 25,237

Date of Audit: 11/24/2003 Cycle: 4 Phase: 4 No. of Stories: 2

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

Replacement Cost: \$2,790,725.28 Cost Per SF: \$103.18

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2800	0.02	0.0056	\$15,628.06
Ext Walls	0.1000	0.04	0.0040	\$11,162.90
Floors	0.2000	0.12	0.0240	\$66,977.41
Roof	0.0200	0.05	0.0010	\$2,790.73
Ceiling	0.2000	0.04	0.0080	\$22,325.80
Int Walls	0.2000	0.06	0.0120	\$33,488.70
Windows	0.0100	0.03	0.0003	\$837.22
Doors	0.2000	0.04	0.0080	\$22,325.80
Cool Vent	0.5000	0.04	0.0200	\$55,814.50
Heat	0.4000	0.13	0.0520	\$145,117.71
Plumbing	0.5000	0.07	0.0350	\$97,675.39
Electrical	0.6350	0.11	0.0698	\$194,932.16
Safety	0.2000	0.01	0.0020	\$5,581.45
AE/OP	0.2418	0.18	0.0435	\$121,438.41

Component Deficiency Total: 0.2853

Outstanding Maintenance: \$796,096.24

Facilities Condition Index (FCI): 71.47

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)

Monday, August 14, 2006

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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. 1-99 Project M # _____
4) Agency Priority # 1
5) Project Title Replace Deteriorated Items Music, Phase 2 of 2

B. FACILITY PROFILE

- 1) Facility Type Site (Utilities underground) _____
 or Site (Improvements above ground) _____
 or Building Name (s) Music
 Risk Mgmt. Bldg(s) ID# 3224

2) Facility Location Main Campus

3) Facility Area/Age GSF 31,370 ASF 18,016 Date Built 1927

4) Facility Functional Use/Occupancy Fine Arts

5) Facility Construction (Type) III-N

6) Facility Physical Condition and Facility Condition Index (FCI) Number
Actual FCI = 51.02 Targeted FCI = 94.00 Date of Last Audit 2002
(Describe) _____

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

8) Facility - Current Replacement Value \$ \$3,823,291

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 2007/2008
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 50
- 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
M01011	Replace Deteriorated Items Music	Complete

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): All systems in the building are 78 years old except windows and fire alarms. The steam heating system is beyond life expectancy, difficult to control and very inefficient. The plumbing piping is corroded and replacement parts for fixtures are not available. The insulation on the electrical wiring is deteriorated to the point of being a safety hazard and, the system does not meet code. Electrical outages are becoming more frequent due to overload. A two pipe hydronic heating system will be installed and the plumbing and electrical systems will be replaced.

2) Total Project Cost Estimate (From Cost Breakdown) \$ \$1,349,165

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request: Outages in all systems will become more frequent causing disruption to programs. Maintenance and energy costs will continue to rise and safety will continue to be an issue with the electrical system.

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 building FCI should improve from 51.02 to 82.62

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 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	\$400

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Structure/System/Components			
Heating pipe demolition	LF	\$2.04	\$11,023
Radiator demolition	EA	\$434.66	\$92,583
Heat exchanger	EA	\$41,200	\$41,200
Pumps	EA	\$7,295	\$14,591
Unit Ventilators	EA	\$621	\$132,292
Tempature Controls	LS	\$14,523	\$14,160
Piping w/insulation	LF	52.94	\$286,151
Total of Construction Improvements Costs			\$592,000

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.)	\$59,200
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$651,600
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,349,165
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Note: Agency formatted cost estimates may accompany this page

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

__4__ of __5__

**E. PROPOSED PHASING
PRIOR PHASING¹**

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
		FY 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		
		FY 2006/2007	1	\$697,565

\$ 697,565 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2007/2008	2	\$651,600

\$ \$651,600 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2008/2009		
		FY 2009/2010		
		FY 2010/2011		

\$ (Subtotal)

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

\$ \$1,349,165

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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

Page 5 of 5

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 08</u>
4. Project Close-out/Final Completion	<u>May 08</u>	<u>July 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

Facilities Audit Program Building Summary

Building Name: Music

Number: 0046

Construction Date: 1927 Gross Square Feet: 31,370 Net Square Feet: 28,009

Date of Audit: 10/04/2005 Cycle: 5 Phase: 3 No. of Stories: 3

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

Replacement Cost: \$3,823,291.00 Cost Per SF: \$121.88

Component	Total Rating	Multiplier Used	Component Deficiency	Renewal Cost
Foundation	0.2800	0.02	0.0056	\$21,410.43
Ext Walls	0.2500	0.04	0.0100	\$38,232.91
Floors	0.5000	0.12	0.0600	\$229,397.45
Roof	0.1500	0.05	0.0075	\$28,674.68
Ceiling	0.4100	0.04	0.0164	\$62,701.97
Int Walls	0.2500	0.06	0.0150	\$57,349.36
Windows	0.6700	0.03	0.0201	\$76,848.15
Doors	0.4900	0.04	0.0196	\$74,936.50
Cool Vent	0.6100	0.02	0.0122	\$46,644.15
Heat	0.7600	0.15	0.1140	\$435,855.19
Plumbing	0.9000	0.07	0.0630	\$240,867.33
Electrical	0.9700	0.11	0.1067	\$407,945.13
Convey	0.2500	0.01	0.0025	\$9,558.23
Safety	0.0100	0.01	0.0001	\$382.33
AE/OP	0.4527	0.18	0.0815	\$311,544.70

Component Deficiency Total: 0.5342

Outstanding Maintenance: \$2,042,348.51

Facilities Condition Index (FCI): 46.58

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

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 – Phase 1 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 2007/2008
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. The collection lines will be repaired by slip lining. Old brick manholes will be replaced with precast concrete units.

2) Total Project Cost Estimate (From Cost Breakdown) \$ 1,919,556

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 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 2) Phase? 1
3) Method of Estimate Historic

4) Professional Services

Site Surveys, Investigations, and Reports	
Arch/Eng/Basic Services	\$227,258
Code Review/Inspection	\$2,976
Other (Explain)	
Total of Professional Services	\$230,234

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			
Increase line size around College Ave. Gym	LF	\$286.45	\$372,380
Total of Construction Improvements Costs			\$372,380

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.)	\$37,238
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$639,852
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,919,556
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 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	\$0

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Infrastructure			
a) Utility Services			
Rehab lines North of Isotope Dr.	LF	\$72.71	\$581,683
Total of Construction Improvements Costs			\$581,683

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.)	\$58,169
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$639,852
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,919,556
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 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			
Rehab lines South of Isotope Dr.	LF	\$72.71	\$581,683
Total of Construction Improvements Costs			\$581,683

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.)	\$58,169
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$639,852
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,919,556
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		
		FY 2006/2007		

\$ 0 (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
	16-00	FY 2007/2008	1	\$639,852

\$639,852 (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
	16-00	FY 2008/2009	2	\$639,852
	16-00	FY 2009/20010	3	\$639,852

\$ 1,279,704 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,919,556
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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 08</u>
4. Project Close-out/Final Completion	<u>May 08</u>	<u>July 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

Utility Audit Summary

Utility System	Audit Date	Replacement Cost	Actual FCI	Target FCI	A/Det	T/Det	T/Backlog	Renewal Cost
Electric	7/1/2000	\$13,992,550	68	90	\$4,477,616	\$1,399,255	\$3,078,361	\$4,477,616
District Heating	7/1/2000	\$49,968,600	71	90	\$14,490,894	\$4,996,860	\$9,494,034	\$14,490,894
District Cooling	7/1/2000	\$6,215,020	96	90	\$248,601	\$621,502	(\$372,901)	\$248,601
Natural Gas/Propane	7/1/2000	\$603,100	30	90	\$422,170	\$60,310	\$361,860	\$422,170
Water	7/1/2000	\$4,094,700	74	90	\$1,064,622	\$409,470	\$655,152	\$1,064,622
Sanitary	7/1/2000	\$2,615,200	66	85	\$889,168	\$392,280	\$496,888	\$889,168
Stormwater	7/1/2000	\$4,907,100	72	85	\$1,373,988	\$736,065	\$637,923	\$1,373,988
Irrigation	7/1/2000	\$1,361,100	34	75	\$898,326	\$340,275	\$558,051	\$898,326
Compressed Air	7/1/2000	\$1,028,000	40	90	\$616,800	\$102,800	\$514,000	\$616,800
Fiber Optics	7/1/2000	\$1,555,156	60	90	\$622,062	\$155,516	\$466,547	\$622,062
Asphalt	7/1/2000	\$3,704,161		90		\$370,416		
Totals		\$90,044,687			\$25,104,247	\$9,584,749	\$15,889,915	\$25,104,247

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 2 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 2007/2008
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 50
- 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): 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) \$ \$1,975,777

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 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 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	\$0

5) Construction Improvement

WORK ITEM (Labor/Material/Equipment)	UNIT	UNIT COST	EXTENDED COST
Infrastructure			
a) Utility Services			
New tunnel lid – Occ. Therapy to Ammons	LF	\$425	\$310,250
Piping to Occupational Therapy & Ammons	LF	\$405	\$29,876
Compressed air to Occ. Therapy & Ammons	LF	\$14.85	\$10,84
Total of Construction Improvements Costs			\$616,967

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.)	\$61,697
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$678,664
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,975,777
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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

1) Approved By Mike Rush 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
Infrastructure			
a) Utility Services			
New trench – Ammons to Rockwell	LF	\$585	\$444,600
Piping – Ammons to Rockwell	LF	\$365	\$277,400
Compressed air	LF	\$14.85	\$11,362
Total of Construction Improvements Costs			\$733,362

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.)	\$73,336
--	----------

8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$806,698
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,975,777
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Note: Agency formatted cost estimates may accompany this page.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 2002/2003		
		FY 2003/2004		
		FY 2004/2005		
		FY 2005/2006		
	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 2008/2009	3	\$806,698
		FY 2009/2010		
		FY 2010/2011		

\$806,698 (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$ 1,975,777
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

Page 6 of 6

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 08</u>
4. Project Close-out/Final Completion	<u>May 08</u>	<u>July 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

Utility Audit Summary

Utility System	Audit Date	Replacement Cost	Actual FCI	Target FCI	A/Det	T/Det	T/Backlog	Renewal Cost
Electric	7/1/2000	\$13,992,550	68	90	\$4,477,616	\$1,399,255	\$3,078,361	\$4,477,616
District Heating	7/1/2000	\$49,968,600	71	90	\$14,490,894	\$4,996,860	\$9,494,034	\$14,490,894
District Cooling	7/1/2000	\$6,215,020	96	90	\$248,601	\$621,502	(\$372,901)	\$248,601
Natural Gas/Propane	7/1/2000	\$603,100	30	90	\$422,170	\$60,310	\$361,860	\$422,170
Water	7/1/2000	\$4,094,700	74	90	\$1,064,622	\$409,470	\$655,152	\$1,064,622
Sanitary	7/1/2000	\$2,615,200	66	85	\$889,168	\$392,280	\$496,888	\$889,168
Stormwater	7/1/2000	\$4,907,100	72	85	\$1,373,988	\$736,065	\$637,923	\$1,373,988
Irrigation	7/1/2000	\$1,361,100	34	75	\$898,326	\$340,275	\$558,051	\$898,326
Compressed Air	7/1/2000	\$1,028,000	40	90	\$616,800	\$102,800	\$514,000	\$616,800
Fiber Optics	7/1/2000	\$1,555,156	60	90	\$622,062	\$155,516	\$466,547	\$622,062
Asphalt	7/1/2000	\$3,704,161		90		\$370,416		
Totals		\$90,044,687			\$25,104,247	\$9,584,749	\$15,889,915	\$25,104,247

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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) Spruce, Engineering, Visual Arts, Moby B&C wings, Aylsworth, Industrial Sciences, Routt Hall, Insectory
 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

Actual FCI = _____ Targeted FCI = _____ Date of Last Audit _____

(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
	Visual Arts	\$9,149,865
	Moby	(no data)
	Engineering	\$88,463,627
	Industrial Sciences	\$2,528,748
	Routt Hall	\$648,378
	Insectory	\$906,624

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 2007/2008
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 _____

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) \$ \$1,186,907

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

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

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.

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

1) Approved By Mike Rush 2) Phase 1 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>
Spruce Hall	1	\$28,869	\$28,869
Aylsworth	1	\$15,900	\$15,900
Visual Arts	1	\$72,738	\$72,738
Moby B&C Wings	1	\$173,840	\$173,840
Engineering E Wing	1	\$11,660	\$11,660
Weed Potato	1	\$10,600	\$10,600
Electrical Switch	1	\$15,900	\$15,900
Industrial Science	1	\$10,600	\$10,600
Rouff Hall	1	\$10,600	\$10,600
Insectory	1	\$10,600	\$10,600
Reprogramming of data base and graphics interface. Replace server and supporting software	1	\$75,000	\$75,000
Total of Construction Improvements Costs			\$446,907

6) Miscellaneous (explain)

Total of Miscellaneous Costs	\$
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7) Project Contingency

Contingency (10% CM) (Percentage of total of professional services, construction improvements, and miscellaneous costs.)	\$47,000
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$493,907
---	-----------

9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,186,907
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Approved By Mike Rush 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	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
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8) Subtotal of professional services, construction improvements, miscellaneous costs, and project contingency percentage (by phase)	\$346,500
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9) TOTAL PROJECT COST (all phases)= REQUEST	\$1,186,907
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**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

1) Approved By Mike Rush 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

<u>WORK ITEM</u> (Labor/Material/Equipment)	<u>UNIT</u>	<u>UNIT COST</u>	<u>EXTENDED COST</u>
NCM retrofit – Replace remaining Network Connectivity Monitors with extended architecture platform NAE – Network Attached Encryption components	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

	\$1,186,907
--	-------------

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
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 2003/2004		
		FY 2004/2005		
		FY 2005/2006		
		FY 2006/2007		

_____ (Subtotal)

CURRENT PHASE² REQUESTED

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase of Work	Dollar Amount (Per Detailed Budget)
		FY 2007/2008	ONE	\$493,907

\$493,907 _____ (Subtotal)

FUTURE PHASING²

Proj. M#	Phys. Plant ID #	Fiscal Year	Phase or Phases of Work	Dollar Amount (Per Detailed Budget)
		FY 2008/2009	TWO	\$346,500
		FY 2009/2010	THREE	\$346,500
		FY 2010/2011		

\$ 693,000 _____ (Subtotal)

Project Total Dollar Amount of All Projects Phases Requested \$1,186,907 _____
(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.

**CONTROLLED MAINTENANCE PROJECT REQUEST FY 2007/2008
STATE BUILDINGS AND REAL ESTATE PROGRAMS**

F. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM	TO
1. Pre-Design (Insert Dates)	_____	_____
2. Design (Insert Dates)	<u>July 07</u>	<u>Sept 07</u>
3. Construction (Insert Dates)	<u>Oct 07</u>	<u>Jan 08</u>
4. Project Close-out/Final Completion	<u>Jan 08</u>	<u>Feb 08</u>

G. AGENCY APPROVAL

Agency Authorized Signature _____ Date _____

**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: 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)

Wednesday, August 30, 2006

**Facilities Audit Program
Building Summary**

Building Name: Insectary

Number: 4606 *do*

Construction Date: 1966

Gross Square Feet: 188

Net Square Feet: 141

Date of Audit: 07/22/1996 **Cycle:** 2 **Phase:** 3 **No. of Stories:** 1

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

Replacement Cost: \$380,967.00

Cost Per SF: \$2,026.42

*G SF 4313
NSF 3955*

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	
Foundation	0.2200	0.07	0.0154	
Ext Walls	0.2600	0.06	0.0156	\$5,943.08
Floors	0.1400	0.07	0.0098	\$3,733.48
Roof	0.7100	0.06	0.0426	\$16,229.19
Ceiling	0.2500	0.03	0.0075	\$2,857.25
Int Walls	0.2700	0.09	0.0243	\$9,257.50
Windows	1.0000	0.02	0.0200	\$7,619.34
Doors	0.7000	0.02	0.0140	\$5,333.54
Cool Vent	0.1700	0.04	0.0068	\$2,590.58
Heat	0.2100	0.09	0.0189	\$7,200.28
Plumbing	0.6000	0.14	0.0840	\$32,001.23
Electrical	0.5900	0.07	0.0413	\$15,733.94
Safety	0.7500	0.02	0.0150	\$5,714.50
AE/OP	0.3152	0.21	0.0662	\$25,216.97

CPSF \$88.33

Component Deficiency Total: 0.3814

Outstanding Maintenance: \$145,297.77

Facilities Condition Index (FCI): 61.86

FCI = (1 - Component Deficiency Total) x 100

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

Wednesday, August 30, 2006

**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)

**Facilities Audit Program
Building Summary**

Building Name: Spruce Hall *Number:* 0064
Construction Date: 1881 *Gross Square Feet:* 18,738 *Net Square Feet:* 15,912
Date of Audit: 11/03/2003 *Cycle:* 4 *Phase:* 4 *No. of Stories:* 2
Classification: M460 Office Building *SBP Class:* 16 Office
Replacement Cost: \$1,691,705.99 *Cost Per SF:* \$90.28

<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	\$5,075.12
Ext Walls	0.1000	0.09	0.0090	\$15,225.35
Floors	0.1500	0.16	0.0240	\$40,600.94
Roof	0.2000	0.03	0.0060	\$10,150.24
Ceiling	0.1500	0.05	0.0075	\$12,687.80
Int Walls	0.1600	0.05	0.0080	\$13,533.65
Windows	0.2000	0.02	0.0040	\$6,766.82
Doors	0.2000	0.05	0.0100	\$16,917.06
Cool Vent	0.1900	0.17	0.0323	\$54,642.10
Heat	0.1500	0.00	0.0000	\$0.00
Plumbing	0.3500	0.02	0.0070	\$11,841.94
Electrical	0.2800	0.12	0.0336	\$56,841.32
Convey	0.0500	0.03	0.0015	\$2,537.56
Safety	0.2000	0.01	0.0020	\$3,383.41
AE/OP	0.1479	0.18	0.0266	\$45,036.60

Component Deficiency Total: 0.1745

Outstanding Maintenance: \$295,239.91
Facilities Condition Index (FCI): 82.55

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: 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)

Wednesday, August 30, 2006

**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: 10/27/2003 **Cycle:** 4 **Phase:** 4 **No. of Stories:** 1

Classification: M460 Office Building

SBP Class: 16 Office

Replacement Cost: \$648,377.81

Cost Per SF: \$131.84

<i>Component</i>	<i>Total Rating</i>	<i>Multiplier Used</i>	<i>Component Deficiency</i>	<i>Renewal Cost</i>
Foundation	0.0300	0.02	0.0006	\$389.03
Ext Walls	0.0400	0.09	0.0036	\$2,334.16
Floors	0.0700	0.16	0.0112	\$7,261.83
Roof	0.0500	0.03	0.0015	\$972.57
Ceiling	0.0500	0.05	0.0025	\$1,620.94
Int Walls	0.2500	0.05	0.0125	\$8,104.72
Windows	0.5000	0.02	0.0100	\$6,483.78
Doors	0.4000	0.05	0.0200	\$12,967.56
Cool Vent	0.1000	0.02	0.0020	\$1,296.76
Heat		0.11	0.0000	\$0.00
Electrical		0.12		
Safety	0.1500	0.01	0.0015	\$972.57
AE/OP	0.0654	0.18	0.0118	\$7,632.70

Component Deficiency Total: 0.0772

Outstanding Maintenance: \$50,036.61
Facilities Condition Index (FCI): 92.28

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)

Wednesday, August 30, 2006

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