

## University of Missouri – Columbia

### CRR 110.015 Facilities Needs and Reporting

CRR 110.015 was established to keep the facilities of the University of Missouri system in good condition to ensure the needs of the University’s education and research missions are met. CRR 110.015 requires an annual investment to maintain a Campus Facilities Condition Needs Index (FCNI) of 0.30 or lower for Education and General (E&G) facilities. Auxiliary (Non-E&G) facilities have a target of 1% of the building current replacement value.

#### Current status of Education and General (E&G) Facilities

<b>E&amp;G Facilities</b> <i>(Dollars shown in Millions)</i>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
Target Spend	\$59.0	\$60.2	\$60.9	\$68.4	\$72.9
Actual Spend	\$28.5	\$13.9	\$23.9	\$29.4	\$62.8
Recurring	\$12.7	\$8.1	\$6.4	\$11.9	\$15.5
One-Time	\$15.8	\$5.8	\$17.5	\$17.5	\$47.3
Difference in Actual and Target	(\$30.5)	(\$46.3)	(\$37.0)	(\$39.0)	(\$10.2)
<b>Facilities Critical Needs</b>	\$867.8	\$881.6	\$958.4	\$941.8	\$1,005.0
Needs within 1 Year	\$111.1	\$110.4	\$108.6	\$103.2	\$238.2
Two to Five Years	\$523.7	\$530.6	\$593.4	\$591.0	\$551.4
Ten Years	\$233	\$240.7	\$256.5	\$247.6	\$215.4
Recommended Target for next year	\$60.2	\$61.0	\$68.4	\$72.9	\$78.2
<b>Campus FCNI</b>	<b>0.31</b>	<b>0.30</b>	<b>0.31</b>	<b>0.26</b>	<b>0.26</b>

MU currently has a campus FCNI of 0.26 and a projected \$1 billion in facilities condition needs. Currently, forty (40) facilities need major renovations, and ten (10) facilities need total renovations or replacements. For details, please see the list of buildings on page 5 of this report.

MU spent \$62.8 million for CRR 110.015 for FY 2024. The facilities condition needs will increase by \$88.8 million for a total of \$1.09 billion.

#### Current status of Auxiliary (Non-E&G) Facilities

In 2024 MU exceeded the spending goal for Non-E&G facilities.

<b>Non-E&amp;G Facilities</b> <i>(Dollars shown in Millions)</i>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
Target Spend	\$33.1	\$34.4	\$35.9	\$39.9	\$44.1
Actual Spend	\$35.1	\$35.5	\$35.2	\$48.6	\$63.7
Difference in Actual and Target	\$2.0	\$1.1	(\$0.6)	\$8.7	\$19.6

<b>MU FY24 E&amp;G Building M&amp;R Project List</b>		
<b>Building</b>	<b>Project Description</b>	<b>Cost</b>
Medical Science Building	Renovate Laboratories on Multiple Floors	\$10,564,929
NextGen Precision Health Building	Level 4 - Shell Space Fit out	\$8,626,695
Pershing Hall	Renovation for MU Student Health Center and SOM/MUHC Offices	\$5,270,286
Lottes Health Sciences Library	1st and 3rd Floor Renovation	\$4,831,643
Clark Hall	First Floor Renovation and South Entrance Creation	\$4,784,111
Schweitzer and Pickard Halls	Remediation Planning	\$1,265,679
Various Locations	Building System Components	\$1,231,069
University Hall	3rd Floor Renovation	\$970,957
Gwynn Hall	Replace Elevator Jack	\$951,177
Tucker Hall	Rooms 5 & 5a Renovation	\$890,893
Schweitzer Hall	Renovate Various Labs	\$732,001
Various Locations	Roof Replacements	\$709,425
NextGen Precision Health Building	Fit out Rm 1331 and Extend Liquid Nitrogen Lines	\$618,726
Dalton Cardiovascular Research Center	Replace Electrical Panels	\$609,305
Rock Quarry Center Warehouse	Renovate Suite Q201	\$578,043
Stewart Hall	Renovate Rms 235 & 228	\$478,693
Lottes Health Sciences Library	Replace Glazing and Roofing in Barrel Roof Systems	\$464,346
Laboratory for Infectious Disease Research	G20 Renovations	\$411,554
Jesse Hall	Auditorium Dimmer System Replacement	\$404,232
Various Locations	Roof Replacements	\$386,977
NextGen	Replace Sprinkler Line Break	\$371,048
Animal Science Research Center	Replace Electrical Service Entrance Panels	\$370,246
Arts & Science Building	Renovate Various Rooms for Visual Studies	\$369,292
Hill Hall	Building Envelope Repairs	\$365,181
McReynolds Hall	Renovate Rms 50-60	\$343,544
Physics Building	Modify Laboratory for Walk-in Fume Hood	\$338,695
Various Locations	Building System Component M&R	\$329,731
University Hall	Suite 215 Office Renovation	\$327,418
Agriculture Science Building	Renovate Rms 2-6 & 2-7	\$325,259
Ag Eng	Repair after Rm 119/121 Main Break	\$315,745
Med Sci	Repair Med Sci - 7th Floor - Fire	\$303,124
Jesse Hall	Renovate 4th Floor for Kinder Institute Expansion	\$296,555
Neff Hall	Provide HVAC Building Updates Phase 1	\$294,703
Various Locations	Safety Upgrades	\$288,687
Ellis Library	Renovate Rooms 4 & 5 Paint, Flooring and Lighting	\$288,168
General Services Building	Renovations for PD&C, Phase 1	\$272,294
Lefevre Hall	Central Fume Hood Exhaust System	\$268,526
Agriculture Science Building	Replace AH1, AH2 & AH3	\$267,617
University Hall	Suite 225 Office Renovation	\$256,841
Lafferre Hall	C1244 Manufacturing Space Renovation	\$254,594
Bond Life Sciences Center	Replace Breakroom Furniture	\$250,820
Clinical Support and Education Building	SIM Center Renovation	\$246,379
Hill Hall	Replace AHU and Fire Alarm Systems, Phase 1	\$243,406
Hulston Hall	Replace Fire Alarm System	\$194,229
Various Locations	Repair Masonry Stair Towers	\$190,902
Lee Hills Hall	Newsroom Update	\$144,205
ABNR	Elevator Repair	\$135,504

General Services Building	Mech Rms 24A & 28A AHU Modifications	\$132,476
Agriculture Science Building	1-33 Walk-In Cooler Installation	\$132,064
Various Locations	Various Electrical	\$131,322
Hill Hall	Repair Room 103,105,107& 109 after fire	\$130,150
Stanley Hall	Room 142 Office Renovation	\$125,629
Medical Science Building	Replace 208V Substation	\$123,214
Jesse	123 replace carpet	\$121,818
Lowry Hall	Renovate First Floor	\$119,004
Rock Quarry Center	RTU 1, 2 & 3 Replacements	\$118,050
Medical Science Building	Renovate Rm M243	\$109,332
Lewis and Clark Halls	Replace Fire Alarm System	\$102,258
Various Locations	Various routine maintenance, repair and renovation projects (<\$100,000/project)	\$4,516,701
Various Locations	Routine Building Repair	\$4,454,984
<b>Total</b>		<b>\$62,750,457</b>

<b>MU FY24 Non-E&amp;G Building M&amp;R Project List</b>		
<b>Building</b>	<b>Project Description</b>	<b>Cost</b>
Various Locations	Network Equipment Replacement	\$5,805,606
Virginia Avenue Parking Structure	Structural Repairs	\$4,704,445
Jesse Hall	Replace Steam Lines	\$3,134,706
Clydesdale	Replace Steam & Cond Svc Line (190')	\$2,487,384
Memorial Stadium	Structural Repairs	\$2,070,947
Gas Turbine Plant	Gas Turbine Overhaul	\$1,477,676
Devine Athletic Pavilion	Facility Repairs	\$1,403,078
Green Tennis Facility	Structural Repairs	\$1,366,853
Student Recreation Center	AHU 4 & 5 Rebuilds	\$854,633
Dogwood Galena Hawthorn	Flooring Replacement	\$604,891
Power Plant	Turbine Generator 7 Major Overhaul	\$598,834
Mark Twain Hall	Update Elevator	\$568,583
Hawthorn, Galena & Dogwood	Epoxy Flooring & Shower Repairs	\$542,222
Various Locations	Repaving Athletic Parking Lots	\$408,686
Various Locations	Steam System Civil Repairs	\$401,000
East Campus Chiller Plant	Tube Sheet Coating	\$391,632
VME & Plaza 900 Dining Facility	Roof Replacements	\$324,621
Power Plant	Gas Compressor Replacement	\$313,813
Various Locations	Drainage repairs Francis Quad	\$295,294
Various Locations	Culvert Replacement	\$287,294
Memorial Student Union - Repair Bell Tower Clock and Bell Components	Masonry and Building Envelope Repairs	\$281,687
Various Locations	Repair Chilled Water Leak - Virginia Ave & NEXTGEN	\$245,457
Various Locations	Repaving Summer Project 2023	\$240,201
Various Locations - Resident Hall	Epoxy Flooring Replacement	\$210,392
South Hall	Repair Water Damage	\$209,022
Various Locations	Water Box Coating	\$208,771
Memorial Stadium	Replace Coil/Hose Bib, water Line	\$202,402
Power Plant	Replace Biomass Belt with Auger	\$199,601
Power Plant	Paint Cooling Tower Piping	\$176,281
Ag Engineering	Emergency Repair Water Service Line	\$175,085
Various Locations	Repaving RC16 and RC19 Parking Lots	\$171,442
Power Plant	Repair Haul Road	\$167,471
Animal Science Research Center	Replace Electrical Service Entrance Panels	\$165,359
Memorial Student Union	Repair Bell Tower Clock and Bell Components	\$158,403

Power Plant	PP Small Repair Projects	\$156,056
Power Plant	Replace BFB Baghouse Filters	\$155,689
Various Locations	Repair Main Steam Tunnel	\$152,272
North Well	Repair North Well	\$132,627
Memorial Union	Rm N106 Catering Renovation	\$127,324
USDA	Replace - Electric/Steam/Water Lines	\$125,286
Power Plant	Repair Turbine Generator 10	\$116,289
Mizzou Student Athletic Training Facility Complex	Replace Football Practice Field 1 & 2 Field Lights	\$106,779
Various Locations	Various routine maintenance, repair and renovation projects (<\$100,000/project)	\$4,626,869
Various Locations	Routine Building Repair	\$27,191,653
<b>Total</b>		<b>\$63,744,614</b>

Education and General Building List			
Building Number	Building Name	Age	FCNI
37002	AGRICULTURE	66	0.34
37003	AGRICULTURE LAB	75	0.41
37004	STUDENT SUCCESS CENTER	101	0.20
37007	MUSEUM SUPPORT	30	0.19
37010	1105 CARRIE FRANCKE DRIVE	48	0.28
37011	MELVIN H. MARX BUILDING	60	0.28
37012	ARTS & SCIENCE	64	0.43
37014	MIDDLEBUSH HALL	65	0.42
37015	Pickard Hall (Decommissioning)	132	0.43
37017	CONNAWAY	114	0.12
37018	CROWDER	86	0.59
37019	CURTIS HALL	85	0.55
37020	ECKLES HALL	123	0.53
37021	TOWNSEND HALL	88	0.09
37022	Naka Hall (Previously Engineering Building West)	66	0.41
37023	Lafferre Hall (post-renovation GSF)	132	0.07
37025	CONLEY HOUSE RCVMUadjusted(03)	155	0.15
37026	FINE ARTS (ART)	66	0.39
37027	GEOLOGICAL SCI	61	0.41
37039	LOWRY HALL	120	0.33
37048	RP BOTANY GH	55	0.40
37051	HILL HALL	72	0.40
37053	JESSE RCVMUadjusted(03)	129	0.25
37055	LEFEVRE	111	0.52
37056	ELLIS LIBRARY	109	0.40
37058	SWINE RESEARCH AND RESOUR	18	0.02
37059	MCALESTER	122	0.51
37060	MEDICAL SCIENCE	68	0.35
37061	GANNETT HALL	44	0.38
37062	MUMFORD	102	0.30
37063	NEFF HALL RCVMUadjusted(03)	106	0.48
37064	STEWART HALL**	112	0.01
37065	ACADEMIC SUPPORT CENTER	112	0.36
37071	SCHLUNDT HALL	102	0.24
37072	SCHLUNDT ANNEX	73	0.43
37073	SCHWEITZER	112	0.47
37074	Reynolds Journalism Institute	132	0.06
37076	STANLEY	66	0.54
37077	STEPHENS W L	88	0.13
37078	PHYSICS	60	0.56
37086	LEE HILLS HALL	29	0.14
37089	ROCK QUARRY CENTER	41	0.06
37090	LEWIS HALL	60	0.42
37091	CLARK HALL	60	0.50
37099	VET MED EAST	65	0.18
37100	VETERINARY SCIENCE BLDG	76	0.50
37101	WALTER WILLIAMS	88	0.07
37102	WATERS	115	0.56
37103	WHITTEN	122	0.41
37104	MCKEE GYM	102	0.49
37108	CHANCELLOR'S RES RCVMUadjusted(03)	157	0.15
37115	GENTRY HALL	85	0.34
37126	MCREYNOLDS HALL	68	0.44
37137	TROWBRIDGE CNTR	56	0.42
37139	Surplus Warehouse	49	0.40
37143	HEINKEL BLDG	83	0.48
37144	LOTES HEALTH SCIENCE LIB	39	0.37
37146	MED SCIENCE ADD	39	0.19
37148	GWYNN (New)**	104	0.05
37154	AG ENGR BLDG	37	0.19
37156	BOND LIFE SCIENCES CTR	20	0.07
37157	BOND LIFE SCIENCES CTR MECH BL	20	0.12
37166	HULSTON HALL	36	0.23
37167	ELLIS LIB 87ADD	37	0.21
37175	AB NAT RESOURCE	28	0.17
37221	FIRE STATION	11	0.06
37224	GEN SERVICES BLDG	61	0.27
37229	VET MED WEST	49	0.51
37230	VET DIAG LAB	49	0.50
37232	FINE ARTS (M&D)	66	0.38
37243	JESSE AUD RCVMUadjusted(03)	71	0.40
37251	TUCKER HALL	57	0.27
37252	MATH SCIENCE	56	0.42
37253	DALTON CARD RS	57	0.41
37254	ANIMAL SCI CNTR	55	0.27

Education and General Building List			
Building Number	Building Name	Age	FCNI
37257	CHEMISTRY BLDG	52	0.36
37258	Arvarh E. Strickland Hall	55	0.46
37264	LIDR (Laboratory for Infectious Disease Research)	17	0.03
37278	CHEM TEACH ADD	28	0.17
37280	CORNELL HALL	22	0.09
37286	Intl. Inst. Of Nano & Molecular Medicine	16	0.05
37288	Research Animal Diagnostic Laboratory	18	0.08
37301	LOCUST ST-EAST	43	0.25
37316	Schweitzer Hall addition	17	0.05
37326	Tate Hall (New)**	100	0.15
37327	Switzler Hall (New)**	153	0.06
37343	BLACK CULTURAL CTR	25	0.17
37347	RRC WASTE STOR	28	0.17
37368	WILLIAM C. STRINGER WING	28	0.14
37370	MURR**	60	0.19
37371	LOCUST ST - WES	62	0.26
37375	PSYCHOLOGY BLDG	79	0.37
37376	REYNOLDS ALUM C	32	0.30
37379	CLYDESDALE HALL	31	0.15
37393	ERNIE & LOTTI SEARS PLANT	25	0.10
37395	Missouri Theatre	97	0.18
37396	Swallow Hall (New)**	8	0.03
37484	Patient Centered Care Learning Center**	10	0.02
37510	School of Music Building**	5	0.07
37532	NextGen Precision Health Building**	5	0.11
37538	School of Nursing**	2	0.02
41005	UNIVERSITY HALL	55	0.35
41008	PROVIDENCE PNT	55	0.16
41010	2910 Lemone Boulevard	35	0.17
41011	UM LIB DEPOSIT	27	0.05
37256.E	Heames - E&G	52	0.45
42000.E	Clinical Support and Education (64% E&G)	18	0.09
9900	(93) Support & Other Various Buildings *		0.32

FCNI Legend		
Excellent Condition, typically new construction (0.000 - 0.100)	Fair Condition, in need of normal renovation (0.201 - 0.300)	Poor Condition, total renovation indicated (0.501 - 0.600)
Good Condition, renovations occur on schedule (0.101 - 0.200)	Below Average Condition, major renovation required (0.301 - 0.500)	Replacement Recommended (0.600 and Higher)