

Missouri University of Science and Technology

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 current building's replacement value. Current Replacement Value is based on values in the FY 2023 Facilities Insurance Report.

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

Missouri S&T currently has a campus FCNI of 0.23 which is below the CRR 110.015 goal of 0.30, and projected \$287.6 million facilities needs, with current deferred needs of \$136.9 million. Currently, ten (10) facilities need major renovations, and fourteen (14) facilities need total renovations or replacements. Please see the list of buildings on page 3 of this report for additional details.

Missouri S&T spent \$26.8 million for CRR 110.015 for FY 2025. Projects includes Schrenk Hall – East (\$4.5M), Hwy 63 Underpass Replacement(\$2.1M) and Rolla Building Renovation (\$1.8M). The target goal in FY 2026 for spending to maintain the FCNI of 0.23 is \$24.4 million.

FY 2025 Actual Spend (AS)	Current Replacement Value (CRV)	AS % of CRV	Best Practice (TARGET)	Difference (AS-TARGET)
\$26,787,308	\$1,087,928,530	2.46%	\$21,632,734	\$5,154,574

Facility Condition Needs Index	# of Fac.
Excellent Condition, typically new construction (0.000 - 0.100)	15
Good Condition, renovations occur on schedule (0.101 - 0.200)	16
Fair Condition, in need of normal renovation (0.201 - 0.300)	8
Below Average Condition, major renovation required (0.301 - 0.500)	14
Poor Condition, total renovation indicated (0.501 - 0.600)	5
Replacement Recommended (0.600 and Higher)	5
Total	63

Facilities Condition Needs	Amount
Currently Critical (Immediate)	\$18,395,785
Potentially Critical (Within 1 Year)	\$10,750,200
Necessary, Vital, but Not Yet Critical (2 to 5 Years)	\$73,142,448
Five-Year Total	\$102,288,433

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

Missouri S&T met the spending goal for Non-E&G facilities in FY25.

FY 2025 Actual Spend (AS)	Current Replacement Value (CRV)	AS % of CRV	Best Practice (TARGET)	Difference (AS-TARGET)
\$7,569,990	\$441,272,425	1.72%	\$4,412,724	\$3,157,266

S&T FY25 E&G Building M&R Project List

Building	Project Description	Cost
General Site	Substation Relocation	\$257,199
General Site	Hwy 63 Underpass Replacement	\$2,140,427
Schrenk Hall - East	Renovation	\$4,462,888
Toomey Hall	Energy Conservation Upgrades	\$621,637
McNutt Hall	Elevator Renovation	\$139,679
Rolla Building	Renovation (Interior and Exterior)	\$1,763,468
Centennial Hall	Restroom, Fire Suppression and Interior Improvements	\$915,235
Fulton Hall	Interior Improvements and Classroom 220/227 Renovation	\$317,402
McNutt Hall	Laboratory 263 Improvements	\$106,300
Engineering Research Lab / Advanced Research Center	Improvements to Interior and Exterior	\$1,066,784
Norwood, Parker, Harris Hall	HVAC Improvements	\$2,147,546
Schrenk Hall - West	Cold Room Renovation	\$204,389
Child Development Center	Interior Improvements (Kitchen / Commercial Range)	\$213,213
Various	Building Demolition	\$420,611
Various	Routine Maintenance	\$12,010,531
Total		\$26,787,308

S&T FY25 Non-E&G Building M&R Project List

Building	Project Description	Cost
Residential Commons 1 & 2	Fire Alarm Replacement	\$181,128
Thomas Jefferson Hall	Interior Improvements	\$117,825
Residential Commons 1	Roof Replacement	\$340,382
Residential Commons 2	Roof Replacement	\$331,528
Havener Center	Interior Improvements	\$2,469,736
Residential Commons 1	Interior Improvements (Showers)	\$169,804
Miner Village	Interior Improvements (Flooring)	\$141,217
Parking Lots	Maintenance & Repair	\$532,344
Various	Routine Maintenance	\$3,286,026
Total		\$7,569,990

Education and General Building List			
Building Number	Building Name	Age	FCNI
R0001	SCHRENK HALL WEST	52	0.09
R0001E	SCHRENK HALL EAST	87	0.62
R0002	BUTLER-CARLTON HALL	66	0.11
R0003	EMERSON HALL	67	0.20
R0004	FULTON HALL	102	0.26
R0006	HARRIS HALL	85	0.58
R0010	NORWOOD HALL	122	0.31
R0011	MISSOURI S&T REACTOR (MSTR)	65	0.53
R0013	IDE BUILDING	116	0.58
R0014	PARKER HALL	113	0.41
R0015	PHYSICS BUILDING	62	0.44
R0016	ROLLA BUILDING	154	0.18
R0030	720 TIM BRADLEY WAY BLDG	34	0.16
R0033	CUSTODIAL & LANDSCAPE SERVICES	19	0.08
R0036	TECHNOLOGY DEVELOPMENT CENTER	15	0.14
R0039	MINER DOME INDOOR PRACTICE FACILITY	15	0.28
R0040	TOOMEY HALL	17	0.12
R0041	ALTMAN HALL	67	0.38
R0047	800 TIM BRADLEY WAY	66	0.24
R0052	COMPRESSIBLE FLOW LABORATORY	56	0.28
R0053	HUMANITIES AND SOCIAL SCIENCES BUILDING	54	0.47
R0055	COMPUTER SCIENCE BUILDING	54	0.21
R0056	ENGINEERING RESEARCH LABORATORY	54	0.58
R0057	CENTENNIAL HALL	53	0.35
R0059	KUMMER DESIGN CENTER	15	0.10
R0082	CHANCELLOR'S RESIDENCE	136	0.15
R0088	STRAUMANIS-JAMES HALL	58	0.16
R0089	TEMPORARY RESEARCH FACILITY	58	0.34
R0091	CURTIS LAWS WILSON LIBRARY	58	0.41
R0093	GALE BULLMAN COMPLEX	56	0.16
R0098	JACKLING FIELD ATHLETIC DRESS FACILITY	56	0.41
R0101	ROCK MECHANICS AND EXPLOSIVE RES CENTER	86	0.53
R0102	WOMBAT CONTROL HOUSE	33	1.00
R0103	KWMU/NPR TRANSMITTER	52	0.85
R0104	PHYSICS OBSERVATORY	52	1.00
R0112	DANGEROUS MATERIALS STORAGE FACILITY	45	0.35
R0120	JACKLING FIELD RESTROOM	58	1.00
R0135	V.H. MCNUTT HALL	38	0.20
R0139	ENGINEERING MANAGEMENT BUILDING	38	0.36
R0141	CASTLEMAN HALL	33	0.24
R0152	UNIV POLICE & PARKING OPERATIONS	66	0.14
R0159	CHILD DEVELOPMENT CENTER	62	0.29

Education and General Building List			
Building Number	Building Name	Age	FCNI
R0166	PINE BUILDING	60	0.33
R0167	JACKLING FIELD CONCESSION AND RESTROOM	24	0.11
R0172	JAMES E. BERTELSMAYER HALL	12	0.11
R0181	CHANCELLOR'S RESIDENCE GARAGE	13	0.43
R0191	TEMPORARY RESEARCH SHED	59	0.20
R0193	STUDENT DIVERSITY INITIATIVES CENTER	101	0.14
R0204	MINER DOME ATHLETIC SHED	10	0.00
R0205	ENERGETICS EXPLOSIVES RESEARCH FACILITY	9	0.02
R0217	KENNEDY EXPERIMENTAL MINE BUILDING	9	0.04
R0223	STUDENT DIVERSITY INITIATIVES CTR ANX	10	0.09
R0256	INNOVATION LAB	2	0.01
R0262	GENERAL SERVICES BUILDING	2	0.04
R0263	PARKING GARAGE	2	0.00
R0283	OZARK FIELD STATION BUNK HOUSE	1	0.04
R0701	BERTELSMAYER GEOTHERMAL PLANT	11	0.16
R0702	MCNUTT GEOTHERMAL PLANT	11	0.08
R0703	STRAUMANIS-JAMES GEOTHERMAL PLANT	11	0.07
R0750	SOUTH SUBSTATION	1	0.00
R0751	NORTH SUBSTATION	1	0.00
R0801	ALLGOOD-BAILEY STADIUM	29	0.44
R0805	63 UNDERPASS TUNNEL	1	0.00

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