

University of Montana - Deferred Maintenance List

Campus	Project Title	Project Description	Est. Cost	Est. Cost Year
Helena College	Donaldson Campus Roof Replacement	Replace seamless rubber membrane roof.	550000	2024
Helena College	Donaldson Campus Rooftop Mechanical Equipment Replacement	RTU feeding main space and student center exceeds 24 years of service. 2 cooling units near serviceable life requirement replacements. 2 Mitsubishi DX units at end of life near 25 years. Replace with energy-efficient units.	386000	2024
Helena College	Donaldson Campus Main Gas Boiler Replacement	1M BTU gas-fired boiler is 15 years old and past typical service life expectancy. Replace with energy-efficient unit.	126000	2024
Helena College	Donaldson Campus Fire Alarm and Emergency Notification System Replacement	Replace all fire alarm panels and NEC transmitter boxes. Subpanels require replacement to meet safety compliance.	123000	2024
Helena College	Donaldson Campus Rooftop Exhaust Fan Replacement	5 exhaust ventilations fans are at end of life, requiring costly break/fix emergent repairs. Replace with energy-efficient	110000	2024
Helena College	Airport Campus Restroom Renovations	All restrooms are 30+ years old and at end of service life - project includes cosmetic upgrades such as painting and updating floor coverings.	550000	2024
Helena College	Airport Campus Rooftop Mechanical Equipment and Exhaust Fan Replacement	HVAC replacement with energy-efficient models. RTU feeding academic and IT server space exceeds 20 years of service. RTU servicing Admin/Student Welcome Center approaching end of service life.	460000	2024
Helena College	Airport Campus Fire Alarm and Emergency Notification System Replacement	Replace all fire alarm panels and NEC transmitter boxes.	95000	2024
Helena College	Donaldson Campus Rehab and Recondition Concrete Floor	Strip top carpeting and refinish concrete floor in high-traffic entrance pathways.	130000	2024
Highlands College	Windows Replacement	Existing windows are inefficient , drafty in areas, and have broken thermo seals. Replace with energy efficient windows.	300000	
MT Tech	Museum Building - Roof Replacement	Out of warranty, leaking flat roof needs replacing.	250000	

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MT Tech	Elevator Modernizations - MG, CBB, Library	Outdated elevator parts and controls need replacing.	800000	
MT Tech	HVAC Equipment Upgrades and Refurbishment	Air Quality and Air Exchanges are key concerns in this building. Project would upgrade systems to address these	750000	
UM Missoula	Fire Alarm Reporting Improvements	Upgrade fire alarm reporting system to Bosch.	400000	2025
UM Missoula	Boiler Upgrades and Campus Metering	Upgrade boiler #3 bundled with campus-wide Shark Metering for energy management.		
UM Missoula	Wheelchair Lifts Replacement	Replace wheelchair lifts with new or other means of providing accessibility to the Forestry, Fine Arts, Natural Sciences, and Law buildings.		
UM Missoula	Health Sciences Elevator Upgrade	Modernize existing elevator that is not ADA-compliant. We have plans and the project has been bid.	1300000	
UM Missoula	Law Elevator Upgrade	Modernize existing elevator that is not ADA-compliant. We have plans and the project has been bid.	700000	
UM Missoula	Campus Water System Improvements	Replace inefficient DI water plant Skaggs (leaks along pipes in tunnels, contamination concerns). Install standalone DI water plants in science buildings - Chemistry, Natural Sciences, Health Sciences, and Stone Hall. Construct improvements (looping, upsizing) to campus potable water	2400000	2025
UM Missoula	Campus Sewage Ejector Replacements	Replace old campus sewage ejectors across campus. \$6,000 each; \$150K would replace all.	150000	2025
UM Missoula	FLBS Elrod HVAC Replacement	Replace air handling system in the Elrod building, add air purification system	450000	2024
UM Missoula	FLBS SERL Window Replacement	Window glass replacement of 11 insulated glass windows in FLBS Schoonover Environmental Research Lab (SERL)	50000	2024
UM Missoula	FLBS Lakeside HVAC Replacement	Install appropriate and efficient modern gas furnaces (using existing ductwork) along with efficient electric heat pumps for routine heating and cooling in Lakeside Ecology building, and add air purification systems	150000	2024
UM Missoula	FLBS Ecology HVAC Replacement	Install appropriate and efficient modern gas furnaces (using existing ductwork) along with efficient electric heat pumps for routine heating and cooling in Ecology building, and add air	40000	2024

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UM Missoula	FLBS Elrod Roof Replacement	The Elrod Building, our main administrative building, has a membrane roof that is 25+ years old. This type of roof typically lasts about 20 years. There is a risk of failure and interior damage to computers, stored records, and finishings. Roof replacement cost estimated by Mosaic Architecture	350000	2024
UM Missoula	Gallagher Building Roof Replacement	Replace roof - flat TPO roof last replaced in 1996		
UM Missoula	Anderson Hall Roof Replacement	Replace roof, last done in 2006		
UM Missoula	International Center Window/Door Replacements	Replace 33 windows, consider adding doors. UM-Missoula envelope priority #3.	165000	2023
UM Missoula	Forestry Window/Door Replacements	Built 1921 - 23,310 SF. Replace 103 windows. Consider adding doors. UM-Missoula Envelope Priority #1.	515000	2023
UM Missoula	Math Window/Door Replacements	Built 1903 - 21,668 SF. Replace 94 windows. Consider adding doors. UM-Missoula Envelope priority #2.	470000	2023
UM Missoula	McGill Window/Door Replacements	Replace 69 windows. Consider adding doors? UM-Missoula Envelope priority #4.	345000	2023
UM Missoula	Brantly Window/Door Replacements	Replace 148 windows. Consider adding doors.	740000	2023
UM Missoula	North Corbin Window/Door Replacements	Replace 68 windows. Consider adding doors.	340000	2023
UM Missoula	Social Science Window/Door Replacements	Replace 87 windows. Consider adding doors.	435000	2023
UM Missoula	Corbin Window/Door Replacements	Replace 101 windows. Consider adding doors.	505000	2023
UM Missoula	Main Hall Fire Sprinkler System	Built 1898 - 32,843 SF. Not sprinkled currently. Add fire sprinkler system.	575000	2023
UM Missoula	Rankin Hall Fire Sprinkler System	Built 1909 - 16,532 SF. Not sprinkled currently. Add fire sprinkler system.	289000	2023
UM Missoula	Forestry Building Fire Sprinkler System	Built 1921 - 23,310 SF. Not sprinkled currently. Add fire sprinkler system.	407000	2023
UM Missoula	Math Building Fire Sprinkler System	Built 1903 - 21,668 SF. Not sprinkled currently. Add fire sprinkler system.	378000	2023
UM Missoula	Eck Hall Fire Sprinkler System	Built 1954 - 100,713 SF. Wings not sprinkled currently. Add fire sprinkler system. UM-Missoula Fire Sprinkler System	755000	2023

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UM Missoula	Health Sciences Electrical Panel Replacement	Replace electrical panel.	250000	2023
UM Missoula	Vehicle Repair Electrical Panel Replacement	Replace electrical panel.	50000	2023
UM Missoula	Brantly Hall Electrical Panel Replacement	Replace electrical panel.	280000	2023
UM Missoula	Corbin Hall Electrical Panel Replacement	Replace electrical panel.	100000	2023
UM Missoula	Stone Hall Electrical Panel Replacement	Replace electrical panel.	250000	2023
UM Missoula	International Center Electrical Panel Replacement	Replace electrical panel.	80000	2023
UM Missoula	Facilities Building Electrical Panel Replacement	Replace electrical panel.	40000	2023
UM Missoula	Law Building Electrical Panel Replacement	Replace electrical panel.	220000	2023
UM Missoula	Music Building Elevator Upgrade	ADA upgrade to existing freight elevator.	1000000	2023
UM Missoula	CHP Controls Replacement	1921 plant - controls that control 3 boilers are obsolete, no replacement parts available. Replace controls system with modern system.	500000	2025
UM Missoula	Campus-Wide DDC System Replacement	Replace failing DDC systems that are well past life expectancy, circa 1995. UM-Missoula HVAC priority #1.	2400000	2025
UM Missoula	Campus-Wide Pneumatic Controls Replacement	Replace old pneumatic controls that are difficult to operate with DDC controls. Along with DDC system replacement, is UM-Missoula HVAC priority #1.	2400000	2025
UM Missoula	Chemistry Building Phoenix Controls Replacement	Replace failing controls for labs, that are obsolete and unsupported.	200000	2025
UM Missoula	Skaggs Building Phoenix Controls Replacement	Replace failing controls for labs, that are obsolete and unsupported.	200000	2025
UM Missoula	Skaggs Building AHU Replacement	Replace failing AHU #1 and #2 in Skaggs center penthouse. Existing have leaking coils that are not rebuildable, and are	900000	2025

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UM Missoula	Schreiber Gym HVAC Replacement	Replace all failing and outdated HVAC equipment; systems are 50+ years old and are failing/have failed.	1000000	2025
UM Missoula	Social Sciences HVAC Replacement	Replace existing failing systems.	2400000	2025
UM Missoula	PARTV HVAC Replacement	Replace failing HVAC systems; heat pumps are well past life expectancy.	2400000	2025
UM Missoula	Health Sciences HVAC/Plumbing Renovation	Replace plumbing that is corroded and failing that serves HVAC system. Faulty piping has flooded building.	2400000	2025
UM Missoula	Law Building HVAC Replacement	Replace failing HVAC system and redesign heating loop/domestic water heaters. Old heat pumps are failing and past their life expectancy.	2400000	2025
UM Missoula	Education Building HVAC Replacement	Replace HVAC system in old portion of the bldg that is failing and well past life expectancy.	1500000	2025
UM Missoula	Facilities Building HVAC Replacement	Replace obsolete systems that are past life expectancy.	1000000	2025
UM Missoula	Mansfield Library Cooling Towers Replacement	Replace deteriorated towers that are past life expectancy.	700000	2025
UM Missoula	Social Sciences Cooling Towers Replacement	Replace deteriorated cooling towers, past life expectancy.	300000	2025
UM Missoula	Forestry Greenhouse HVAC Replacement	Replace steam heating and condensate systems that are corroded beyond repair and pose a safety concern.	120000	2025
UM Missoula	Education Building Hot Water Loop Fittings Replacement	Replace hot water loop fittings building-wide with fittings that are rated for glycol.	75000	2025
UM Missoula	Campus-Wide Condensate Pump Replacements	Replace outdated/obsolete condensate pumps across campus.	1000000	2025
UM Missoula	Natural Sciences Steam Heating Replacement	Replace failed condensate line under building. Unit heaters past life expectancy.	1000000	2025
UM Missoula	Schreiber Gym Mechanical Systems Replacement	Replace mechanical systems - existing are original to the building (1922). No A/C, steam coils failing.	2400000	2025

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Western	Short Admin Bldg - AC & Building Envelope Replacements	Both were removed from UM-W Priority 1 in 2025-2027 LRBP for MR, still priority 1 for 2027-2029 LRBP MR.	1060000	2024
Western	Short Admin A/C Replacement	A/C Replacement in the Short Admin Building.	553200	
Western	Short Admin Replace Ext Doors/Windows	Replace Ext Doors/Windows on Short Admin Building	502500	