ARCHITECTURE &
ENGINEERING DIVISION

LONG-RANGE BUILDING PROGRAM

GOVERNOR'S EXECUTIVE BUDGET
FISCAL YEARS 2024-2025

VOLUME 3

OFFICE OF THE GOVERNOR
STATE OF MONTANA

GREG GIANFORTE
GOVERNOR

KRISTEN JURAS
LT. GOVERNOR

December 21, 2022

Members of the Sixty-Eighth Legislative Assembly
State of Montana
State Capitol
Helena, Montana 59620

Dear Honorable Members of the Sixty-Eighth Legislature:

I am pleased to present my recommendations for the Long-Range Building Program for the 2025 biennium, in accordance with 17-7-201 through 17-7-204 and 18-2-102, MCA.

This session's Long-Range Building Program is comprised of cash programs within the Major Repair and Capital Development categories. Highest priorities for the 2025 biennium are numerous projects addressing critical life safety, mechanical/heating systems, essential re-roofing needs, and a lengthy list of significant deferred maintenance issues. The state's favorable cash position also affords us the opportunity to make long-lasting, generational improvements to the Montana State Hospital, the Montana State Prison, and the Montana University System, as well as meet other capital development needs to more effectively serve Montanans.

Sincerely,

Greg Gianforte
Governor

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MONTANA DEPARTMENT OF ADMINISTRATION

Director's Office
Greg Gianforte, Governor
Misty Ann Giles, Director

December 20, 2022

Honorable Greg Gianforte
Governor of Montana
P O Box 200801
Helena, Montana 59620-0801

Dear Governor Gianforte:

In accordance with 17-7-201 through 17-7-204, 17-7-223, and 18-2-102, MCA, we respectfully submit the enclosed agency capital project requests for the Long-Range Building Program for the 2025 biennium.

The Architecture & Engineering Division has solicited the needs of all State agencies and the University System, reviewed all facility requests, and we recommend the Long-Range Building Program as described in the following pages for inclusion in your Executive Budget.

Sincerely,

Misty Ann Giles
Director

Russ Katherman, Administrator
Architecture & Engineering Division

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EXECUTIVE SUMMARY

LONG-RANGE BUILDING PROGRAM

LONG-RANGE BUILDING PROGRAM

The Long-Range Building Program (LRBP) was initiated in 1965 to provide funding for construction and major maintenance of state buildings. The LRBP was developed in order to present a single, comprehensive and prioritized plan for allocating state resources for capital construction and maintenance of state-owned facilities. Primary statutory authority is Title 17, Chapter 7, Part 2,MCA.

The LRBP prioritizes projects in two categories:

MAJOR REPAIR

- Renovation, alteration, replacement, or repair project(s) with a total cost of less than $2.5 million.
- A new facility with a total construction cost of less than $250,000.

CAPITAL DEVELOPMENT

- Renovation, construction, alteration, site, or utility project with a total cost of $2.5 million or more.
- A new facility with a construction cost of $250,000 or more.

SINCE THE LAST LEGISLATIVE SESSION

Completed Projects

PROJECT	AGENCY	CITY
Romney Hall Renovation	Montana State University	Bozeman
American Indian Hall	Montana State University	Bozeman
Life Science Building Renovation & Expansion	Montana State University	Billings
Steam Distribution Emergency Repairs	Montana Technological University	Butte
Backup Water System	Montana State Hospital	Warm Springs
Reroof School, Gym & Maintenance Facility	Pine Hills Youth Correctional Facility	Miles City
Southwest MT Veterans Home	Dept. of Public Health & Human Services	Butte
Wolf Point Maintenance Shop	Dept. of Transportation	Wolf Point
Upgrade Missoula HQ	Dept. of Fish, Wildlife & Parks	Missoula
MLEA Building Improvements	Dept. of Justice	Helena
Montana Highway Patrol Office	Dept. of Justice	Glendive

Projects In Construction

PROJECT	AGENCY	CITY
Montana Heritage Center	Montana Historical Society	Helena
Wellness Center	Montana State University	Bozeman
Silver Bow Readiness Center	Dept. of Military Affairs	Butte
Steam Distribution System Replacement	Montana Technological University	Butte
Wastewater System Replacement	Montana State Hospital	Warm Springs
Cottage Connectors Southwest MT Vets Home	Dept. of Public Health & Human Services	Butte
Commodities Warehouse Expansion	Dept. of Public Health & Human Services	Helena
MAES Greenhouse Laboratories	MSU - Montana Ag Experiment Stations	Statewide

TABLE F-2: REVENUE ESTIMATE

Major Repair Long-Range Building Program Account
Projections as of December 15, 2022
2025 Biennium

Beginning Cash Balance (July 1, 2023)		**$5,188,823**
(i.e. current funds plus anticipated FY23 Major Repair Account revenues less all prior appropriations/obligations = Beginning Cash Balance Available for 2025 Biennium)		
Non-General Fund Revenue:		**$20,317,790**
Cigarette Tax	$3,151,000	
Coal Severance Tax	$14,404,571	
Interest Earnings	$2,073,191	
Supervisory Fees	$450,000	
DEQ Transfer - Energy Savings	$239,028	
	$20,317,790	
Expenditures:		**($5,436,747)**
Operating Costs - A & E Division	($5,436,747)	
Debt Service (Current debt service is paid from the General Fund or Cap Dev Account)	$0	
Total Expenditures	($5,436,747)	
		$20,069,866
HB 2 Present Law General Fund Transfer per 17-7-222 MCA		**$17,749,939**
	Estimated Revenue for Major Repair eligible projects	**$37,819,805**
HB 5 OTO Capital Development Account Transfer to Fund Major Repair Project Proposals of $71,725,600:		**$33,905,795**
Funds Available for Major Repair Project Proposals in HB 5:		**$71,725,600**

See Table F-3 for list of prioritized projects included in the Governor's Executive Budget and requesting appropriation, per 17-7-223 MCA.

TABLE F-4: REVENUE ESTIMATE

Capital Development Long-Range Building Program Account
Projections as of December 15, 2022
2025 Biennium

Beginning Cash Balance (Revenue Estimate Less Existing Appropriations)			**$534,319,084**
Account Cash		$913,885	
STIP Investment		$604,304,959	
Retainage		$75,082	
FY 23 Interest Earnings Estimate		$15,491,885	
		$620,785,812	
Outstanding Appropriations/Authority		($86,466,728)	
	Beginning Cash Balance as of July 1, 2023	$534,319,084	
2025 Biennium Interest Earnings Estimate			**$54,094,147**
	FY 2024	$30,863,218	
	FY 2025	$23,230,929	
		$54,094,147	
Present Law General Fund Transfer per 17-7-208 MCA			$0
		Total Revenues Available	**$588,413,231**
Capital Development Funding Project Proposals			**($594,190,344)**
HB 5 OTO Capital Development Account Transfer to Fund Major Repair Project Proposals			**($33,905,795)**
GF OTO Transfer to the Capital Development Account for DPHHS Behavioral Health Initiative of $113,000,000			**$113,000,000**
		Remaining Capital Development Account Balance	**$73,317,092**

See Table F-5 for list of prioritized projects included in the Governor's Executive Budget and requesting appropriation, per 17-7-204 MCA.

SUMMARY OF RECOMMENDED PROJECTS

STATEWIDE BY AGENCY

SUMMARY OF RECOMMENDED PROJECTS

STATEWIDE BY AGENCY 2024-2025

Agency	Major Repair	Capital Development	State Special	Federal Special	Authority Only	Total
ADMINISTRATION	100,374,487	5,908,145	3,221,021		5,000,000	114,503,653
CORRECTIONS	9,400,000	176,350,000			1,390,000	187,140,000
ENVIRONMENTAL QUALITY					3,700,000	3,700,000
FISH, WILDLIFE & PARKS			81,191,334	23,735,142	6,333,234	111,259,710
JUSTICE	3,015,000					3,015,000
LABOR & INDUSTRY	1,000,000	5,767,880				6,767,880
LIVESTOCK		2,200,000				2,200,000
MILITARY AFFAIRS	2,588,970	31,524,741		35,640,315		69,754,026
NATURAL RESOURCES & CONSERVATION	1,402,524	8,338,186				9,740,710
PUBLIC HEALTH & HUMAN SERVICES	4,325,000	134,873,000	9,907,039			149,105,039
REVENUE			14,315,750			14,315,750
SCHOOL FOR THE DEAF & BLIND	1,480,491					1,480,491
TRANSPORTATION		9,000,000	37,100,000	250,000		46,350,000
UNIVERSITY SYSTEM	42,605,470	125,762,050			232,695,000	401,062,520
TOTALS	**166,191,942**	**499,724,002**	**145,735,144**	**59,625,457**	**249,118,234**	**1,120,394,779**

MAJOR REPAIR PROJECTS

TABLE F-3

MAJOR REPAIR PROJECTS
TABLE F-3 SUMMARY

	FUNDING SOURCE				
	LRBP MR	State Special	Federal Special	Authority Only	Total
SUPPLEMENTAL MAJOR REPAIR PROJECTS	11,650,861	2,907,039			**14,557,900**
MAJOR REPAIR PROJECTS	60,074,739		2,028,643	1,200,000	**63,303,382**
DEPT. OF ADMINISTRATION		3,221,021			**3,221,021**
DEPT. OF MILITARY AFFAIRS			5,884,277		**5,884,277**
AUTHORITY ONLY				3,295,000	**3,295,000**
TOTAL	**71,725,600**	**6,128,060**	**7,912,920**	**4,495,000**	**90,261,580**

MAJOR REPAIR PROJECTS
TABLE F-3

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP MR	State Special	Federal Special	Authority Only	Total
MAJOR REPAIR PROJECTS								
SUP MR-01	DPHHS	20	Supplemental MSH Wastewater Treatment	1,400,000				1,400,000
SUP MR-02	DPHHS	21	Supplemental MSH Hospital Roof	800,000				800,000
SUP MR-03	DPHHS	22	Supplemental MMHNCC Roof Replacement	1,500,000				1,500,000
SUP MR-04	DOC	23	Supplemental Door Control Systems	450,000				450,000
SUP MR-05	MSDB	24	Supplemental Mustang Center Fire Sprinkler System Install	830,854				830,854
SUP MR-06	MUS	25	Supplemental FLBS Sewer Treatment Plant	1,100,000				1,100,000
SUP MR-07	MUS	26	Supplemental Mansfield Library Roof Repair	500,000				500,000
SUP MR-08	MUS	27	Supplemental Vande Bogart Library Roof Replacement	675,000				675,000
SUP MR-09	DPHHS	28	Supplemental MVH Roof Replacement		1,600,000			1,600,000
SUP MR-10	MUS	29	Supplemental Reid Hall Fire System Upgrades	1,000,000				1,000,000
SUP MR-11	MUS	30	Supplemental Brockmann Center HVAC Upgrade	1,907,320				1,907,320
SUP MR-12	MUS	31	Supplemental Clapp Building Elevator	500,000				500,000
SUP MR-13	MUS	32	Supplemental Stone Hall Roof Replacement	800,000				800,000
SUP MR-14	DNRC	33	Supplemental Swan Lake Office Siding	187,687				187,687
SUP MR-15	DPHHS	34	Supplemental MVH Courtyard Improvements		517,000			517,000
SUP MR-16	DPHHS	35	Supplemental MVH Floor Project		367,000			367,000
SUP MR-17	DPHHS	36	Supplemental MVH ARPA HVAC		423,039			423,039
MR-01	DOA	37	Parking Garage Repairs - 5 Last Chance Gulch	1,808,145				1,808,145
MR-02	DOC	38	MSP Red Light/Emergency Notification System	1,000,000				1,000,000
MR-03	DOC	39	MSP Perimeter Fence Enhancement	1,500,000				1,500,000

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP MR	State Special	Federal Special	Authority Only	Total
MR-04	MSDB	40	Campus Security Camera Install	300,000				300,000
MR-05	MUS	41	Fire Suppression System Upgrades	500,000				500,000
MR-06	DLI	42	Billings UI Call Center Repairs	1,000,000				1,000,000
MR-07	DOC	43	Pine Hills Roof Replacement	1,000,000				1,000,000
MR-08	DOC	44	Eastmont HVAC System Repairs/Replacements	200,000				200,000
MR-09	DPHHS	45	MMHNCC Site Improvements & Increase Parking	300,000				300,000
MR-10	DPHHS	46	MMHNCC Key card entry system	125,000				125,000
MR-11	DPHHS	47	MMHNCC Backup Water Well	200,000				200,000
MR-12	MSDB	48	Create Bus Loop and Update Parking Lot	349,637				349,637
MR-13	MUS	49	Barnard Hall Failed Chiller Replacement	1,750,000				1,750,000
MR-14	DOC	50	MWP Cooling System Upgrade	750,000				750,000
MR-15	DOJ	51	Boiler Replacement - MLEA Admin Building	830,000				830,000
MR-16	DOA	52	Original Governor's Mansion Repairs	600,000				600,000
MR-17	DOJ	53	Roof Replacement- MHP Boulder Campus	1,860,000				1,860,000
MR-18	MUS	54	Priority 1 Roof Replacements	2,425,000				2,425,000
MR-19	DOC	55	DOC Develop Facility Specific Program & Master Plan	600,000				600,000
MR-20	MUS	56	P.E. Building Roof Replacement	2,400,000				2,400,000
MR-21	MUS	57	Repair/Replace Sewer Mains	425,000				425,000
MR-22	MUS	58	Upgrade/Replace Elevators	2,498,650				2,498,650
MR-23	MUS	59	FLBS Roof Replacements	262,000				262,000
MR-24	DOC	60	MWP Heating System Upgrade	1,500,000				1,500,000
MR-25	DOJ	61	Missoula Crime Lab Expansion Feasibility Study	75,000				75,000
MR-26	MUS	62	Electrical Distribution - Multiple Bldgs	650,000				650,000
MR-27	MUS	63	Campus Water Distribution System Upgrades	2,000,000			400,000	2,400,000

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP MR	State Special	Federal Special	Authority Only	Total
MR-28	MUS	64	Lewis Hall ADA Upgrades	2,400,000				2,400,000
MR-29	MUS	65	Replace Fire Alarms - Clapp Building	780,000				780,000
MR-30	MUS	66	Tietz Hall Roof Replacement	1,300,000				1,300,000
MR-31	DOC	67	MWP Perimeter Fence/Dog Yard	1,000,000				1,000,000
MR-32	DOC	68	Pine Hills Unit F Sewer Line Replacement	500,000				500,000
MR-33	DOC	69	MSP Unit F Water Supply Upgrade	600,000				600,000
MR-34	DMA	70	Gallatin Readiness Center Roof Replacement	741,455		741,455		1,482,910
MR-35	DOC	71	MSP Site Infrastructure Study	300,000				300,000
MR-36	MUS	72	Cobleigh Hall Parapet Structural Repair	2,400,000				2,400,000
MR-37	MUS	73	Restroom Renovations	1,200,000				1,200,000
MR-38	MUS	74	Campus Heating Plant Boiler Controls Upgrade	1,600,000			800,000	2,400,000
MR-39	MUS	75	Emergency Water System & Fixture Upgrades	2,400,000				2,400,000
MR-40	MUS	76	Masonry Repairs - Plaster, Tuckpointing, Flat	455,000				455,000
MR-41	DNRC	77	Stillwater Shop Replacement	1,214,837				1,214,837
MR-42	MUS	78	Elevator Repair/Replacement	325,000				325,000
MR-43	MUS	79	WARC Shop Renovation & Safety Upgrades	600,000				600,000
MR-44	DOA	80	FCA Baseline Assessments	1,500,000				1,500,000
MR-45	MUS	81	Campus EMS Building Controls Upgrade Project	400,000				400,000
MR-46	MUS	82	Campus Building Envelope Repairs	415,000				415,000
MR-47	MUS	83	Replace Electrical Equipment	325,000				325,000
MR-48	MUS	84	Electronics Tech. HVAC & Lighting Upgrade	800,000				800,000
MR-49	MUS	85	Lambing Barn Renovation & Safety Upgrades	2,000,000				2,000,000
MR-50	MUS	86	Hamilton Hall Life-Safety System Improvements	2,400,000				2,400,000
MR-51	MUS	87	Pershing Hall Renovation	2,400,000				2,400,000

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP MR	State Special	Federal Special	Authority Only	Total
MR-52	MUS	88	Metals Technology Building Roof Project	400,000				400,000
MR-53	MUS	89	BART Demolition Project	450,000				450,000
MR-54	DMA	90	Gallatin RC & FMS HVAC & Controls Repairs	320,747		962,241		1,282,988
MR-55	DMA	91	HAFRC Lighting and Control Modifications	26,768		324,947		351,715
MR-56	MUS	92	Art Instruction Renovation	162,500				162,500
MR-57	DMA	93	SMART Deferred Maintenance Program	1,500,000				1,500,000
MR-58	DOJ	94	Boulder Dorm Renovations	250,000				250,000
MR-59	DOA	NA	Project Management & Supervision	2,000,000				2,000,000
DEPARTMENT OF MILITARY AFFAIRS								
DMA MR-01	DMA	95	Aviation Support Facility Energy Improvements			1,067,500		1,067,500
DMA MR-02	DMA	96	Building 1005 Expansion and Compound Upgrades			713,700		713,700
DMA MR-03	DMA	97	Building 530 Compound Improvements			526,125		526,125
DMA MR-04	DMA	98	Crew Proficiency Course Tower Improvements			396,934		396,934
DMA MR-05	DMA	99	Energy Improvements and Generator Backup			320,250		320,250
DMA MR-06	DMA	100	Facility LED Lighting Retrofit			238,816		238,816
DMA MR-07	DMA	101	Fort Harrison Lighting Upgrades			564,250		564,250
DMA MR-08	DMA	102	Maintenance Shop HVAC & Controls Upgrade			1,486,733		1,486,733
DMA MR-09	DMA	103	Training Equipment Site Retro-Commissioning			569,969		569,969
DEPARTMENT OF ADMINISTRATION								
DOA MR-01	DOA	104	Boiler & Chiller Replacement - Walt Sullivan		473,707			473,707
DOA MR-02	DOA	105	Elevator Modifications - Cogswell Building		768,757			768,757
DOA MR-03	DOA	106	Elevator Modifications-Walt Sullivan Building		379,763			379,763
DOA MR-04	DOA	107	Roof & Mechanical - DPHHS 111 N. Sanders		1,309,099			1,309,099
DOA MR-05	DOA	108	Roof Replacement - FWP Headquarters		289,695			289,695

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP MR	State Special	Federal Special	Authority Only	Total
AUTHORITY ONLY								
AO MR-01	MUS	109	AUTHORITY Cosmetology Program Renovation				2,495,000	2,495,000
AO MR-02	DOC	110	AUTHORITY MCE Food Factory Emergency Generator				100,000	100,000
AO MR-03	DOC	111	AUTHORITY MCE Industries Repairs				700,000	700,000
			MAJOR REPAIR TOTALS	**71,725,600**	**6,128,060**	**7,912,920**	**4,495,000**	**90,261,580**

DETAILED PROJECT INFORMATION

MAJOR REPAIR PROJECTS

PRIORITY SUP MR-01

INFLATIONARY ADJUSTMENT
WASTE WATER TREATMENT SYSTEM REPAIRS

MONTANA STATE HOSPITAL
$1,400,000

ORIGINAL PROJECT INFO
66TH LEGISLATIVE SESSION

The upgrades to the wastewater system include a new wastewater treatment facility capable of complying with current and anticipated regulatory requirements.

The existing campus wastewater treatment system utilizes unlined lagoons estimated to be over 50 years old which do not meet current or anticipated MDEQ environmental design and discharge requirements. The existing treatment system cannot be operated in a manner that complies with discharge standards without major modifications or replacement.

Alternatives Considered:

1. Upgrade 2 Existing Cells, Aerated Treatment with Land Application
2. Upgrade 3 Existing Cells with Land Application
3. Lemna Aerated Lagoon with Post Nitrification, Seasonal Irrigation
4. Aerated Lagoons with SAGR Nitrification system, Seasonal Irrigation

An engineering analysis of the wastewater treatment alternatives has been completed which includes potential alternatives and estimation of cost. Option 2 is recommended for implementation as it had the least capital cost of viable alternatives and the lowest present worth value of both capital and operating costs. All options will be re-evaluated during preliminary design in order to select the most cost effective solution based on current costs and other design issues

INFLATIONARY ADJUSTMENT INFO

Repairs to the wastewater treatment facility at the Montana State Hospital were approved in Section 9, Chapter 476, Laws of 2019 for $4.5M.

Option 3 was selected as the best option. The project is nearing completion and the original scope included removal of the existing lagoon as it will no longer be needed once the new system is operational. The removal was deducted from the project scope due to the significant and unprecedented recent cost escalation within the construction industry.

This request for $1,400,000 will finalize the scope of the project as designed and originally intended.

FUNDING		
Original Appropriation	LRBP Bonds	$4,500,000
Inflationary Adjustment	***LRBP Cash***	***$1,400,000***
TOTAL		**$5,900,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$4,050,000
Inflationary Construction Costs	***$1,400,000***
Consultant Services	$450,000
TOTAL	**$5,900,000**

PRIORITY SUP MR-02

INFLATIONARY ADJUSTMENT
MAIN BUILDING ROOF REPLACEMENT

MONTANA STATE HOSPITAL
$800,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

The existing roof of the main building at Montana State Hospital is over 20 years old and requires continual maintenance and repair to prevent moisture from penetrating into the building. This request proposes to reroof the main building in phases, beginning with the most critical areas initially.

The area determined to have the greatest deterioration and moisture penetration on the main building are the shingles on the south side of the roof nearest the skylights running down the center of the hospital. During heavy snow fall or rain, improperly installed screws on the upper portion of the roof cause water leaks through to the membrane resulting in leaks and damage to the ceilings in the offices. A similar condition required replacement of the single-ply roof membrane nearest the laundry room. Additional sections of low-slope single-ply roof membrane in other areas of the hospital are deteriorated and exhibit numerous punctures that require replacement.

The existing asphalt shingles throughout the main body of the Main Hospital roof are approaching the end of their useful life expectancy and have deteriorated due to age. During high winds, more and more shingles are blowing off, exposing the roof substrate, and allowing moisture to permeating the roof and cause damage within the hospital. The condition of the existing roof requires constant maintenance and upkeep to prevent leaks and moisture penetration. The partial re-roof proposed by this request will address areas that have been deemed most critical and have the highest potential for failure, preventing subsequent interior damage and prolonging the useful life of the roof.

INFLATIONARY ADJUSTMENT INFO

Roof repairs at the Montana State Hospital were approved in Section 2, Chapter 461, Laws of 2021 for $600,000.

Recent inspections and repairs identified that critical underlayment/sheeting is missing from the original construction. Fasteners to structural steel were not installed resulting in sections of the roof free floating without being secured. Cost to move and reinstall roof-mounted HVAC units was not in the original scope of work.

The above scope increases, combined with the significant and unprecedented recent cost escalation within the construction industry, have necessitated this request for an additional $800,000 to finalize the scope of the project as designed and originally intended.

FUNDING		
Original Appropriation	LRBP Cash	$600,000
Inflationary Adjustment	***LRBP Cash***	***$800,000***
TOTAL		**$1,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$540,000
Inflationary Construction Costs	***$800,000***
Consultant Services	$60,000
TOTAL	**$1,400,000**

PRIORITY SUP MR-03

INFLATIONARY ADJUSTMENT
ROOF REPLACEMENT

MONTANA MENTAL HEALTH NURSING CARE CENTER
$1,500,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

Portions of the existing asphalt shingle roof on the Montana Mental Health Nursing Care Center (MMHNCC) have deteriorated, are in poor condition and prone to allowing moisture to penetrate the facility.

The existing asphalt shingles of the roof are approaching the end of their useful life. Maintenance and repairs made over time have extended the life of damaged and deteriorated roof areas and preventing additional leaks from infiltrating the roof system. High accumulations of snow fall or rain result in unforeseen water leaks which produce unsightly damage and staining to interior finishes, requiring repairs and occasionally replacement.

A more permanent solution is essential to ensure the roof system is weather-tight, new leaks and future moisture damage to building components and finishes is eliminated and disruption to residents and staff is prevented

INFLATIONARY ADJUSTMENT INFO

Roof repairs at the MMHNCC were approved in Section 2, Chapter 461, Laws of 2021 for $550,000

Substantial areas of the roof have leakage into some of the walls and the roof deck is damaged throughout the facility and the entirety of the roofing system needs replacement. The extent of the leakage and damage was discovered during the original project and the scope of repairs was reduced to what could be accomplished in the original budget to quickly mitigate as much of the situation as possible, leaving much of the roof yet to be repaired.

The above scope increases, combined with the significant and unprecedented recent cost escalation within the construction industry, have necessitated this request for an additional $1,500,000 to finalize the scope of the project and address the additional, recently discovered level of damage.

FUNDING		
Original Appropriation	LRBP Cash	$550,000
Inflationary Adjustment	***LRBP Cash***	***$1,500,000***
TOTAL		**$2,050,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$495,000
Inflationary Construction Costs	***$1,500,000***
Consultant Services	$55,000
TOTAL	**$2,050,000**

PRIORITY SUP MR-04

INFLATIONARY ADJUSTMENT
DOOR CONTROL SYSTEMS

DEPARTMENT OF CORRECTIONS
$450,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

Xanthopoulos Building Door Control System

This project will eliminate the need for keyed locks and implement a building-wide door control system for the Xanthopoulos Building (X-Building).

Montana Women's Prison Door Control System

The proposed door control system for the Montana Women's Prison (MWP) will provide an isolated network that will allow remote control of door locks and intercoms from a secure central location within the facility. The locking control system will be integrated with the video system as well as the duress system. Operation of the isolated access control system will originate from one central control station and a stand-alone station located at the front entry way. Facility security and access control will be increased with the isolated network system. In the event of an emergency, central control can release all the doors on the campus.

Pine Hills Youth Correctional Facility Door Control System

The ongoing high cost of maintaining the existing 20 plus year old door control/security/ electronics system, difficulty obtaining replacement parts due to obsolescence and unreliability warrants transition to a touchscreen computer technology door control system. The current system is incompatible with newer technology. Replacement components are no longer manufactured and difficult to obtain. Operational longevity of the existing system at best, may only be 2-3 more years. Upgrading the door control system to the newer technology will provide a safer environment for staff and inmates.

INFLATIONARY ADJUSTMENT INFO

Door control system repairs were appropriated separately as shown below for the Montana Women's Prison, Pine Hills Youth Correctional Facility, and the Xanthopoulos Building in Section 2, Chapter 461, Laws of 2021 for an aggregate of $1,220,000.

During the interim between the 67th and 68th sessions, door control systems at the Montana State Prison experienced significant failures and repair parts are unavailable due to its age. The DOC has allocated a portion of its operational budget to begin design and fund a portion of a replacement system.

Combining repairs at MSP with the significant and unprecedented recent cost escalation within the construction industry for the other facilities have necessitated this request for an additional $450,000.

FUNDING		
Original Appropriation		
MT Women's Prison	LRBP Cash	$520,000
Pine Hills YCF	LRBP Cash	$350,000
Xanthopoulos Bldg	LRBP Cash	$350,000
Inflationary Adjustment	***LRBP Cash***	***$450,000***
TOTAL		**$1,670,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,098,000
Inflationary Construction Costs	***$450,000***
Consultant Services	$122,000
TOTAL	**$1,670,000**

PRIORITY SUP MR-05

INFLATIONARY ADJUSTMENT
SPRINKLER SYSTEMS - MUSTANG CENTER & DINNG

MONTANA SCHOOL FOR THE DEAF & BLIND
$830,854

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

The Mustang Center and Dining Room on the Montana School for the Deaf and Blind (MSDB) campus, when originally constructed (1973 and 1982 respectively), did not include fire suppression systems. The Mustang Center is a 25,250 square foot athletic building that houses the gymnasium, pool, and locker rooms to provide physical activity opportunities for students attending school at MSDB. Meals for students, faculty and staff are prepared in MSDB's kitchen and served in the Dining Room daily. Both spaces on the campus are continuously occupied by students, faculty, and staff.

Deaf, hearing impaired, low vision, blind and physically disabled students live and attend classes at MSDB. The high use and occupancy by students with one or more of the impairments or special needs mentioned, warrants installation of fire suppression systems for the Mustang Center and Dining Room. In the event of a fire, the suppression system will provide faculty and staff with immediate notification, and activation of the suppression system will afford them increased time to escort students to safety. Providing a safe environment for students 24 hours a day is a priority of MSDB. Installation of a fire suppression system in the Mustang Center and Dining Room increases the protection of the building occupants from harm and the Montana School for the Deaf and Blind from property damage and loss. It will also bring the buildings into compliance with current building and fire codes.

INFLATIONARY ADJUSTMENT INFO

Sprinkler system installation at the MSDB was approved in Section 2, Chapter 461, Laws of 2021 for $150,000.

The original project estimate was severely flawed and should have been proposed at an approximate $700,000, due to the complexities involved.

Combining the incorrect originally estimated project cost with the significant and unprecedented recent cost escalation within the construction industry have necessitated this request for an additional $830,854.

FUNDING		
Original Appropriation	LRBP Bonds	$150,000
Inflationary Adjustment	***LRBP Cash***	***$830,854***
TOTAL		**$980,854**

ESTIMATED PROJECT COSTS	
Construction Costs	$135,000
Inflationary Construction Costs	***$830,854***
Consultant Services	$15,000
TOTAL	**$980,854**

PRIORITY SUP MR-06

INFLATIONARY ADJUSTMENT
SEWER TREATMENT PLANT

FLATHEAD LAKE BIOLOGICAL STATION
$1,100,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will replace the existing sewer treatment facility at the Flathead Lake Biological Station.

The sewer treatment facility is critical to the operation of the biological station and also serves the rest rooms at the neighboring state park. The system is far beyond its life expectancy and has deteriorated to the point that the redundancy originally designed into the plant is no longer available, making system failure highly likely. If the plant fails, the station will have to rely on pumping the collection tank daily.

Maintaining campus buildings and utility systems in perpetuity requires periodic replacement of major systems prior to complete failure.

INFLATIONARY ADJUSTMENT INFO

Replacing the existing treatment facility was approved in Section 2, Chapter 461, Laws of 2021 for $1,750,000.

The situation described in the original project info continues to worsen and the project is unable to be issued for bids and corrective action due to the significant and unprecedented recent cost escalation within the construction industry that have necessitated this request for an additional $1,100,000 to complete the project.

FUNDING		
Original Appropriation	LRBP Cash	$1,750,000
Inflationary Adjustment	***LRBP Cash***	***$1,100,000***
TOTAL		**$2,850,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,575,000
Inflationary Construction Costs	***$1,100,000***
Consultant Services	$175,000
TOTAL	**$2,850,000**

PRIORITY SUP MR-07

INFLATIONARY ADJUSTMENT
MANSFIELD LIBRARY ROOF REPLACEMENT

UNIVERSITY OF MONTANA
$500,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will replace the ballasted EPDM roofing membrane that was installed in 1990.

The Mansfield Library roof is approximately one acre in size. The existing roof membrane has exceeded its life expectancy by at least 15 years. Costly damage to structure and contents could result if any of the proposed work is deferred again.

The roof is at risk of a major failure that could damage the library holdings. A new roof membrane could be ballasted with the new solar panels that are part of an energy conservation project. The cost of the solar panel project is not part of this request.

The roof has been well maintained over the years but has deteriorated to a point where it can no longer be effectively repaired. Continued patching and repairing may temporarily delay further deterioration and damage but will require higher replacement costs later.

INFLATIONARY ADJUSTMENT INFO

Replacing the existing roof was approved in Section 2, Chapter 461, Laws of 2021 for $1,200,000.

Due to the significant and unprecedented recent cost escalation within the construction industry, the scope of the project was scaled back to replace a large portion of the roof in differing sections. This request for an additional $500,000 is to complete the full scope of the project as originally proposed.

FUNDING		
Original Appropriation	LRBP Cash	$1,200,000
Inflationary Adjustment	***LRBP Cash***	***$500,000***
TOTAL		**$1,700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,080,000
Inflationary Construction Costs	***$500,000***
Consultant Services	$120,000
TOTAL	**$1,700,000**

PRIORITY SUP MR-08

INFLATIONARY ADJUSTMENT
VANDE BOGART LIBRARY ROOF REPLACEMENT

MONTANA STATE UNIVERSITY - NORTHERN
$675,000

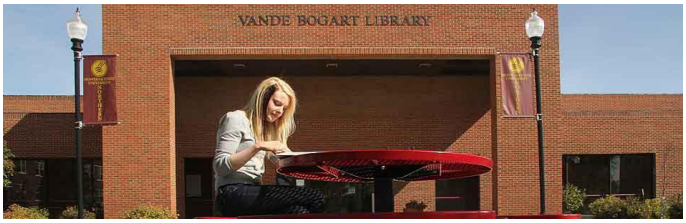
ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project replaces the failing roof membrane and insulation components of the Vande Bogart Library's built-up roof (BUR) system.

The Vande Bogart Library's roof membrane has many blisters and has begun pulling away from the parapet wall. This project replaces the roof membrane and insulation components which are beyond their useful life spans.

The Vande Bogart Library, constructed in 1982, is a 33,593 square-foot facility that provides not only an incredible educational resource for MSU-Northern's student body and surrounding community, but also houses a federal government depository, extensive collection of historic photographs, and the North Montana Plains Indian Museum collection.

Significant roof improvements are required to protect and guarantee the safety and integrity of these valuable stored archival materials for future generations. By replacing the aging roof membrane, the university would also be relieved of extensive deferred maintenance costs from an already strained plant maintenance budget.



INFLATIONARY ADJUSTMENT INFO

Replacing the existing roof was approved in Section 2, Chapter 461, Laws of 2021 for $325,000.

The original estimate has proven to be woefully inadequate due to the nature and extent of work required to remove the existing built-up system.

Combined with the significant and unprecedented recent cost escalation within the construction industry, the roofing system cannot be replaced without realization of this request for an additional $675,000.

FUNDING		
Original Appropriation	LRBP Cash	$325,000
Inflationary Adjustment	***LRBP Cash***	***$675,000***
TOTAL		**$1,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$292,500
Inflationary Construction Costs	***$675,000***
Consultant Services	$32,500
TOTAL	**$1,000,000**

PRIORITY SUP MR-09

INFLATIONARY ADJUSTMENT
ROOF REPLACEMENT

MONTANA VETERANS' HOME
$1,600,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project proposes a cost-effective means to extend the life of the roof on the Montana Veterans' Home (MVH) by repairing and resealing the existing roof membrane.

The newest roof installation was in 2010 for the 40-bed expansion. The DOM roof was repaired in 2015 for a cost of $17,869. Eight sections of the existing building roofing are showing signs of deterioration

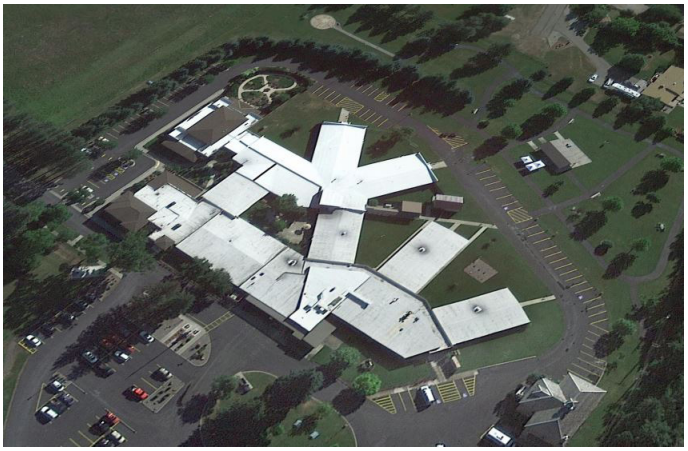
Repairing and resealing the roof will extend the useful life of the roofing system for less cost than a total re-roof or the cost incurred to repair/ replace the roof and interior finish damage should an unexpected roof failure occur.

INFLATIONARY ADJUSTMENT INFO

The original project info proposed repairing and resealing the existing roof which was approved in Section 2, Chapter 461, Laws of 2021 for $144,000.

However, upon further investigation and assessment of the entire roofing system, it has been determined that simply repairs and a coating will not sufficiently extend the life of the roof.

A full replacement of the facility's entire roofing system is essential. This increased scope request for $1,600,000, has also been escalated to account for inflationary factors.



FUNDING		
Original Appropriation	State Special	$144,000
Inflationary Adjustment	***State Special***	***$1,600,000***
TOTAL		**$1,744,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$129,600
Inflationary Construction Costs	***$1,600,000***
Consultant Services	$14,400
TOTAL	**$1,744,000**

PRIORITY SUP MR-10

INFLATIONARY ADJUSTMENT
REID HALL FIRE SYSTEM UPGRADES

MONTANA STATE UNIVERSITY
$1,000,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

Reid Hall is the most heavily occupied academic teaching facility on Montana State University's campus. This project proposes the construction of a fire suppression and alarm system to improve the life safety and code compliance of Reid Hall, protect property from damage and/or loss, and most importantly, protect building occupants from harm.

Fire suppression and alarm systems increase the protection of the building occupants from harm and property damage and loss. This project brings the state building, heavily utilized for academic operations, into compliance with current building codes.

Reid Hall, constructed in 1959, is a 93,262 square-foot academic facility that is heavily occupied by students, faculty and staff. It is one of Montana State University's largest classroom facilities, housing over 1,600 instructional seats at any given hour. The building also provides space for the College of Education, Health & Human Development (EHHD), computer labs, and several other academic spaces.

From a fire code violation and life safety perspective, Reid Hall's fire code violations pose a significant threat to life and property loss in the event of a fire.

Montana State University already allocated $300,000 (2019) towards the consultant services to design a fire suppression and alarm system installation in Reid Hall. This $300,000 is not included in the total LRBP funding request.

INFLATIONARY ADJUSTMENT INFO

The original fire protection systems upgrade was approved in Section 2, Chapter 461, Laws of 2021 for $1,700,000.

Due to the significant and unprecedented recent cost escalation within the construction industry, the scope of the project cannot be completed without this additional $1,000,000 requested.

FUNDING		
Original Appropriation	LRBP Cash	$1,700,000
Inflationary Adjustment	***LRBP Cash***	***$1,000,000***
TOTAL		**$2,700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,530,000
Inflationary Construction Costs	***$1,000,000***
Consultant Services	$170,000
TOTAL	**$2,700,000**

PRIORITY SUP MR-11

INFLATIONARY ADJUSTMENT
BROCKMANN CENTER HVAC & ENERGY UPGRADES

MONTANA STATE UNIVERSITY - NORTHERN
$1,907,320

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will upgrade the Brockmann Center's mechanical equipment and envelope to retire deferred maintenance and improve energy efficiency.

The Brockmann Center's exterior windows and doors, and HVAC system are deficient and require replacement and upgrades to improve energy efficiency and improve occupant comfort.

The 53,195 square foot Brockmann Center was constructed in 1970 as a multi-discipline academic building. Since the original construction, there has been limited renovation. This project replaces deteriorated original window and door systems with energy efficient models and addresses inadequate ADA egress issues.

This project also upgrades and recommissions the building's HVAC system components to achieve designed efficiency and current High-Performance Building Standards. The current mechanical system has trouble maintaining space temperatures with all the additional lab occupancy and equipment that now is in the classroom spaces. Brockmann Center is presently the most utilized academic building on MSU-Northern's campus.

INFLATIONARY ADJUSTMENT INFO

The original HVAC & energy upgrade was approved in Section 2, Chapter 461, Laws of 2021 for $855,000.

The original estimate was roughly half of what was required. A recent assessment shows the Brockmann Center has a facility condition index (FCI) of 16.9%, which means it is in poor overall condition. The extent of replacing these systems is a more substantial effort than originally anticipated. Combining this with the tremendous inflationary impacts has necessitated this large increase in the project budget. The project will retire a significant amount of deferred maintenance and improve energy efficiency.

Due to the significant and unprecedented recent cost escalation within the construction industry the project cannot be completed without this additional $1,907,320 requested.

FUNDING		
Original Appropriation	LRBP Cash	$855,000
Inflationary Adjustment	***LRBP Cash***	***$1,907,320***
TOTAL		**$2,762,320**

ESTIMATED PROJECT COSTS	
Construction Costs	$769,500
Inflationary Construction Costs	***$1,907,320***
Consultant Services	$85,500
TOTAL	**$2,762,320**

PRIORITY SUP MR-12

INFLATIONARY ADJUSTMENT
CLAPP BUILDING ELEVATOR MODERNIZATION

UNIVERSITY OF MONTANA
$500,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will upgrade and modernize the main elevator in the Clapp Building.

The existing elevator is original to the building and is currently out of compliance with the state elevator code. Parts for repair are hard to find. This elevator needs a total upgrade to meet current codes.

This elevator has been well maintained over the years, but it has deteriorated to a point where it can no longer be effectively repaired. We are at risk of a major failure that could render the upper floors and the basement inaccessible.

Continued repairing may temporarily delay further deterioration and damage but will require higher replacement costs later. The elevator is no longer reliable and is not currently certified by the state inspector.

INFLATIONARY ADJUSTMENT INFO

The elevator repair, upgrade, and modernization was approved in Section 2, Chapter 461, Laws of 2021 for $300,000.

Due to the significant and unprecedented recent cost escalation within the construction industry, the scope of the project cannot be completed without this additional $500,000 requested.

FUNDING		
Original Appropriation	LRBP Cash	$300,000
Inflationary Adjustment	***LRBP Cash***	***$500,000***
TOTAL		**$800,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$270,000
Inflationary Construction Costs	***$500,000***
Consultant Services	$30,000
TOTAL	**$800,000**

PRIORITY SUP MR-13

INFLATIONARY ADJUSTMENT
STONE HALL ROOF REPLACEMENT

UNIVERSITY OF MONTANA
$800,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

Replace existing sloped roofing and attic insulation of Stone Hall (formerly the Journalism Building). This building was built in 1936. This project will replace the worn-out roof, abate existing vermiculite insulation, and replace with new attic insulation.

The existing sloped roof shingles are beyond their life expectancy and wearing thin. The vermiculite attic insulation must be abated and replaced with new insulation. This project would replace the roof with new historic looking, long lasting shingles similar to Main Hall and Rankin Hall. The existing shingle roof has exceeded its life expectancy by at least 20 years. Costly damage to structure and contents could result if any of the proposed work is deferred again.
The roof has been well maintained over the years but has deteriorated to a point where it can no longer be effectively repaired. We are at risk of a major failure that could damage the building contents. Continued patching and repairing may temporarily delay further deterioration and damage but will require higher replacement costs later. Finally, the new roofing system will incorporate current energy standards.

INFLATIONARY ADJUSTMENT INFO

Replacing the existing roof was approved in Section 2, Chapter 461, Laws of 2021 for $400,000.

Due to the significant and unprecedented recent cost escalation within the construction industry, the scope of the project cannot be completed without this additional request of $800,000.

FUNDING		
Original Appropriation	LRBP Cash	$400,000
Inflationary Adjustment	***LRBP Cash***	***$800,000***
TOTAL		**$1,200,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$360,000
Inflationary Construction Costs	***$800,000***
Consultant Services	$40,000
TOTAL	**$1,200,000**

PRIORITY SUP MR-14

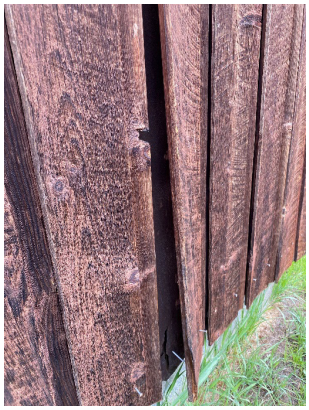
INFLATIONARY ADJUSTMENT
SWAN UNIT OFFICE SIDING & WEATHER BARRIER

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$187,687

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

The Swan Unit office siding is over 50 years old. There is no weather-resistant barrier beneath the siding, allowing air to move through the building.

This project will replace the current siding, add weather-resistant barriers to all heated buildings, and add exterior rigid foam insulation to the main building for increased efficiency. DNRC will also replace two broken windows, replace all soffit and facia, and replace a few metal roof panels that were damaged due to large snow and ice dams. These improvements will seal and protect the SRSF compound for many years.



INFLATIONARY ADJUSTMENT INFO

The original siding and weatherization effort was approved in Section 2, Chapter 461, Laws of 2021 for $210,000.

The full scope includes replacing siding on 5 buildings and also adding house wrap and roof repairs on main office building.

Due to the significant and unprecedented recent cost escalation within the construction industry, the scope of the project cannot be completed without this additional $187,687 requested.

FUNDING		
Original Appropriation	LRBP Cash	$210,000
Inflationary Adjustment	***LRBP Cash***	***$187,687***
TOTAL		**$397,687**

ESTIMATED PROJECT COSTS	
Construction Costs	$189,000
Inflationary Construction Costs	***$187,687***
Consultant Services	$21,000
TOTAL	**$397,687**

PRIORITY SUP MR-15

INFLATIONARY ADJUSTMENT
SPECIAL CARE UNIT COURTYARD IMPROVEMENTS

MONTANA VETERANS' HOME
$517,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will provide a solution to decrease resident fall risks, decrease the risk of resident-vehicle collisions and provide a safer outdoor space for residents. The project will include the following improvements:

- Reduce courtyard size to allow the roadway to be widened, which will eliminate the blind curve and associated safety issues.
- Construct a 4-foot retaining wall to create a natural looking barrier as well and provide increased visibility into the courtyard to allow supervision by SCU staff and allow residents to utilize the space independently.
- Add a gazebo structure in the center of the courtyard to provide shelter for residents.
- Re-route the emergency exit.

For some residents, the courtyard is the only place to get outside independently during the warm weather months. The grade of the courtyard walking path has a downward slope extending to a secured gate. Residents in wheelchairs can lose control due to the sidewalk grade resulting in accidents.

In addition the road around the courtyard poses a risk for pedestrians who walk around the campus. There are no sidewalks on the roadway around the corner of the SCU courtyard. The road curves sharply and is a narrow curve with poor visibility. There are speed limit signs posted but without traffic enforcement this area has the potential to result in a vehicle – pedestrian accident or a vehicle to vehicle head-on collision. The project would help mitigate the risks of both resident fall issues as well as pedestrian – motor collision risk.

INFLATIONARY ADJUSTMENT INFO

The original courtyard improvements were approved in Section 2, Chapter 461, Laws of 2021 for $75,000.

The original scope of work was not fully developed to include all essential components and has been re-evaluated to more accurately align all the elements involved and address inflation.

Due to increased scope and the significant and unprecedented recent cost escalation within the construction industry, the scope of the project cannot be completed without this additional $517,000 requested.

FUNDING		
Original Appropriation	LRBP Cash	$75,000
Inflationary Adjustment	***LRBP Cash***	***$517,000***
TOTAL		**$592,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$67,500
Inflationary Construction Costs	***$517,000***
Consultant Services	$7,500
TOTAL	**$592,000**

PRIORITY SUP MR-16

INFLATIONARY ADJUSTMENT
MAJOR BUILDING MAINTENANCE (FLOORING PROJECT)

MONTANA VETERANS' HOME
$367,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This interior upgrade project proposes to replace flooring in the Montana Veterans' Home (MVH)

Area to receive new flooring include:

- Common corridors in the 50-bed and 40-bed wings
- Staff break rooms
- Dining rooms
- Therapy gym
- Nurse stations
- Floor in the service entry wing

The existing vinyl composition tile (VCT) flooring is cracking, chipping, and deteriorating prematurely, causing loose area of flooring creating unsafe conditions and tripping hazards for residents and staff.

If not replaced, the flooring will continue to deteriorate, crack, chip and cause increased trip hazards for residents and staff as well as unsanitary conditions due to the inability to satisfactorily clean and disinfect exposed porous surfaces of the damaged flooring.

INFLATIONARY ADJUSTMENT INFO

The major building maintenance effort was approved in Section 2, Chapter 461, Laws of 2021 for $117,000.

The flooring portion of the major maintenance project has proven to be more costly than originally anticipated.

Due to increased scope and the significant and unprecedented recent cost escalation within the construction industry, the scope of the project cannot be completed without this additional $367,000 requested.

FUNDING		
Original Appropriation	State Special	$117,000
Inflationary Adjustment	***LRBP Cash***	***$367,000***
TOTAL		**$484,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$105,300
Inflationary Construction Costs	***$367,000***
Consultant Services	$11,700
TOTAL	**$484,000**

PRIORITY SUP MR-17

INFLATIONARY ADJUSTMENT
ARPA MECHANICAL UPGRADE

MONTANA VETERANS' HOME
$423,039

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

A facility air handling system that processes air to decrease contaminated particulates from recirculating into the shared living spaces will help prevent the spread of COVID-19 and other air borne pathogens at this skilled nursing facility. In June 2021 Morrison-Maierle provided a detailed evaluation of the MVH ventilation systems along with recommendations for improvement.

For a typical resident room, with a size of 200 sq-ft and a standard 8-ft ceiling height, the recommended continuous ventilation rate for these rooms should be at least 2-air changes per hour (53-CFM) of 100% outdoor air with no recirculated air. The current ventilation airflow to these rooms is provided through the fan coil's wall louver and is only active when the unit is in heating or cooling demand. The ventilation rate is zero when the unit is not operating. The recommended method for increasing the ventilation rates to these areas is with the addition of new (roof mounted) Dedicated Outdoor Air Systems (DOAS Units) and/ or heat recovery ventilation units. Due to ceiling space constraints, it may be necessary to reroute some ductwork.

This project includes new ventilation, duct work and controls, as well as structural and electrical upgrades. According to 18-2-102 (2)(a), MCA, the Governor may authorize emergency repair or alteration of a building and is authorized to transfer funds and authority as necessary to accomplish the project. Conversations with A&E indicated available federal authority, while Senior and Long Term Care holds the funds. If this project is approved by the HAC and subsequently the Governor, this project can be completed without the consent of the full legislature.

INFLATIONARY ADJUSTMENT INFO

The initial cost estimate was based on a construction cost of $590,000 for the HVAC and $200,000 for the sewer line upgrade. The estimates did not include soft costs including design and contingency and asbestos survey/ abatement.

Due to the significant and unprecedented recent cost escalation within the construction industry in addition to adding in soft costs, the project cannot be completed without this additional $423,039 requested.

FUNDING		
Original Appropriation	State Special	$790,000
Inflationary Adjustment	***LRBP Cash***	***$423,039***
TOTAL		**$1,213,039**

ESTIMATED PROJECT COSTS	
Construction Costs	$711,000
Inflationary Construction Costs	***$423,039***
Consultant Services	$79,000
TOTAL	**$1,213,039**

PRIORITY MR-01

PARKING GARAGE REPAIRS
5 SOUTH LAST CHANCE GULCH

DEPARTMENT OF ADMINISTRATION
$1,808,145

This project will address structural issues, including concrete repairs, protective waterproofing systems, and structural steel restoration.

Constructed in 1982 at 132 E Broadway to provide parking for the new State Fund building at 5 Last Chance Gulch, the parking garage is a two bay-wide, steel framed structure, with concrete on metal deck slabs, featuring two levels of parking, one supported level and one slab-on-grade level, with parking for 62 vehicles. The parking garage is approximately 101 feet x 108 feet.

In 2015, a project was initiated to address structural issues. Steel beams were repaired and the upper-level concrete on metal decks slabs were replaced. Despite these repairs, further structural deterioration has occurred, including:

- Extensive cracking floor surfaces.
- Concrete spalling, de-bonding and scaling.
- Failed joint and crack sealants.
- Moisture infiltration of the supported slab.
- Corrosion of the metal deck and supporting structural steel frame
- Concrete cracking and spalling on the ground level walls, primarily at beam bearing locations

This project will demolish the existing concrete on metal deck and replace it with a solid cast-in-place post-tensioned concrete slab. Structural steel beams and columns will be sandblasted, repaired, and coated with a high-performance paint. Cracks in concrete walls will be injected with epoxy and other miscellaneous concrete repairs will be made. A traffic topping membrane will be applied to the upper desk. All floor drains and pipes will be cleaned, and new traffic markings will be applied.

Morrison-Maierle Engineering was retained to evaluate the structure and conducted an assessment with Walker Consultants and submitted their findings per a 12/30/2020 condition assessment, which informed the scope of work necessary to remedy the deficiencies.

FUNDING	
LRBP Cash	$1,808,145
TOTAL	**$1,808,145**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,627,330
Consultant Services	$180,815
TOTAL	**$1,808,145**

PRIORITY MR-02

RED LIGHT / EMERGENCY NOTIFICATION SYSTEM

MONTANA STATE PRISON
$1,000,000

This project will Install a new Emergency Notification System at Montana State Prison.

The current Emergency Notification System is comprised of a “Red Light” located on each building at the facility, which is activated by a button. Correctional officers working in the guard towers must monitor for activated red lights to know there is an emergency. The towers are only manned when staffing allows so this system is not reliable and is inadequate to provide correctional officers with essential safety in the performance of their duties.

A new Emergency Notification System will allow monitoring at the Command Post. In addition, different types of visual notifications on the buildings will make the system more effective, improving the safety and security of the facility.

FUNDING	
LRBP Cash	$1,000,000
TOTAL	**$1,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$900,000
Consultant Services	$100,000
TOTAL	**$1,000,000**

PRIORITY MR-03

PERIMETER FENCE ENHANCEMENT

MONTANA STATE PRISON
$1,500,000

This project will repair, upgrade, enhance and repair the existing perimeter fence at Montana State Prison improving safety and security within the facility.

The current perimeter fence monitoring system is inadequate and frequently reports a false motion alarm.

An upgrade is needed to make the system more reliable. In addition, a deterrent system will be added to discourage contact with the perimeter fence. Reducing false alarms will minimize the need to devote staff resources to false alarms.

FUNDING	
LRBP Cash	$1,500,000
TOTAL	**$1,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,350,000
Consultant Services	$150,000
TOTAL	**$1,500,000**

PRIORITY MR-04

CAMPUS SECURITY CAMERA INSTALL

MONTANA SCHOOL FOR THE DEAF & BLIND
$300,000

This project is for installation of a new security camera system for more complete monitoring of the entire MSDB campus.

MSDB is housed on a 10-acre campus which consists of two main educational buildings, three residential cottage buildings, a gymnasium, and two additional buildings with a combined area of 142,038 square. The current system has 19 cameras that only allow for monitoring of select exterior areas of the campus.

The MSDB campus is between nearby apartments and a gas station creating a situation where individuals not associated with the school move through the campus and at times encounter students and staff. There have been incidents where unauthorized persons have been found inside campus buildings.

Some MSDB students have multiple handicap disabilities and at times require assistance from staff which leaves other students unsupervised.

A new security camera system will allow more complete real-time campus surveillance and with the added ability to record, we will have access to events that may occur when less staff are on campus.

With administrators having access to the system off campus, MSDB can help provide a 24-hour safety program for our students and staff. This project supports our strategic plan with regards to increasing safety to those that utilize the MSDB campus.

FUNDING	
LRBP Cash	$300,000
TOTAL	**$300,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$270,000
Consultant Services	$30,000
TOTAL	**$300,000**

PRIORITY MR-05

FIRE SUPPRESSION SYSTEM UPGRADES

GREAT FALLS COLLEGE
$500,000

This project will update fire suppression system to address code-related deficiencies that were discovered during the construction of the Dental Clinic Addition.

Great Falls College MSU's main facility is made up of classrooms and instructional lab spaces, a library and student support spaces, as well as office spaces. Since the original construction in 1976, there have been several building renovations and additions which now make up a facility that is nearly 200,000 square feet. During the construction of the Great Falls College Dental Clinic addition, it discovered that the current design of the fire sprinkler system, which has been adapted and retrofitted over various building renovations and additions, no longer meets the required fire flows to adequately protect the building and occupants.

The required upgrades will meet fire code by removing and replacing undersized piping and/or sprinkler heads which serve several areas of the existing 1976 constructed building.

The City of Great Falls Fire Marshal requires the system deficiencies be remedied to meet current fire codes. Consultant, Clayton Design, was hired to identify building-wide fire sprinkler deficiencies to be addressed and develop a project cost estimate.

FUNDING	
LRBP Cash	$500,000
TOTAL	**$500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$450,000
Consultant Services	$50,000
TOTAL	**$500,000**

PRIORITY MR-06

BILLINGS UNEMPLOYMENT INSURANCE CALL CENTER REPAIRS

DEPARTMENT OF LABOR & INDUSTRY
$1,000,000

This project request proposes to renovate and upgrade the existing Department of Labor and Industries Unemployment Insurance Division building in Billings, MT to provide accessible state-owned office space well into the future. Improvements will include foundation repair, site improvements, HVAC and elevator upgrades, window and door replacements, and interior layout and finish renovations.

As Part of the State of Montana's building inventory, the two-story brick building constructed in 1957, together with a 1970 two-story addition (which includes a basement and 2-stop elevator), provides over 12,000 square feet of accessible office space that is currently underutilized. In recent years, due to an unreliable HVAC system and Covid-19, DLI staff work remote, and the building is only occasionally occupied. With some repairs, upgrades, and modernization, the building has the potential to function as a hybrid workplace site or reduce the amount of office space leased by the State of Montana in Billings.

The building, compared to others of similar age and construction, is in satisfactory - good condition. With minor repairs and upgrades, the building can provide state-owned office space with on-site parking for far less cost than constructing a new office building of the same size. Materials and components selected for the building's structure have proven to be durable and have years of life expectancy remaining. Improper drainage toward the building (which caused a portion of the south foundation to settle a few inches) can be remediated. Site improvements to provide positive drainage away from the building in all directions will prevent future settlement issues. Once the foundation restoration is complete, windows and exterior doors can be replaced, the outdated HVAC system can be upgraded, the elevator modernized, and the interior renovation executed.

Enhancements to the existing DLI UI building will not only improving occupant comfort, energy efficiency and extend the life expectancy of the building but also will save money for the State of Montana in leases and new building construction

FUNDING	
LRBP Cash	$1,000,000
TOTAL	**$1,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$900,000
Consultant Services	$100,000
TOTAL	**$1,000,000**

PRIORITY MR-07

ROOF REPLACEMENT

PINE HILLS CORRECTIONAL FACILITY
$1,000,000

This project will replace the original Hypalon membrane roof on 2 buildings: Pod V Housing and Main Housing & Admin.

Pod V Housing
Built: 2000
Area: 6,726
Roof Type: Hypalon & Metal
Age: 22 years

Main Housing & Admin
Built: 2000
Area: 43,838
Roof Type: Hypalon & Metal
Age: 22 years

The existing membrane roofing is original to both buildings and has exceeded its life expectancy. The Hypalon membrane roofing has visible chalking and exposed fibers. Leaking is occurring at roof penetrations and flashings and is causing damage to ceiling tiles.

The roof has been well maintained over the years but has deteriorated to a point where it can no longer be effectively repaired. Continued patching and repairing may temporarily delay further deterioration and damage but will require higher replacement costs in the future. This project will replace the existing Hypalon membrane with a new membrane roof. Insulation will be evaluated for water intrusion and replaced as needed. The metal roofs are in good condition and replacement is not needed at this time.

FUNDING	
LRBP Cash	$1,000,000
TOTAL	**$1,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$900,000
Consultant Services	$100,000
TOTAL	**$1,000,000**

PRIORITY MR-08

EASTMONT HVAC SYSTEM REPAIRS / REPLACEMENTS

DEPARTMENT OF CORRECTIONS
$200,000

This project will repair and/or replace various components of the HVAC System in Cottage III at the Eastmont facility.

The project includes repairs to the HVAC System including repairs to the temperature controls in the building, replacing the chiller that is at the end of it's life. Also, upgrades to the heating system including replacing the Heating and Cooling Units for the housing pods and replacing worn-out heating piping in the building.

The HVAC System Control software utilized in this building is outdated and no longer supported. The chiller unit has had multiple leaks. In addition to the primary heating/cooling system, there are 3 independent heating/cooling units in the housing pods, which require replacement due to age and wear/tear. The boilers in the building are in good shape, however, the connected plumbing(change to heating piping) is need of repair/replacement due to pipe corrosion. Access to some of these pipes requires access via interior walls, which will need to be replaced.

Resolution of these issues will help ensure the safety of staff/residents in the facility, as well as prevent additional damage to the facilities.

FUNDING	
LRBP Cash	$200,000
TOTAL	**$200,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$180,000
Consultant Services	$20,000
TOTAL	**$200,000**

PRIORITY MR-09

SITE IMPROVEMENTS & INCREASE PARKING

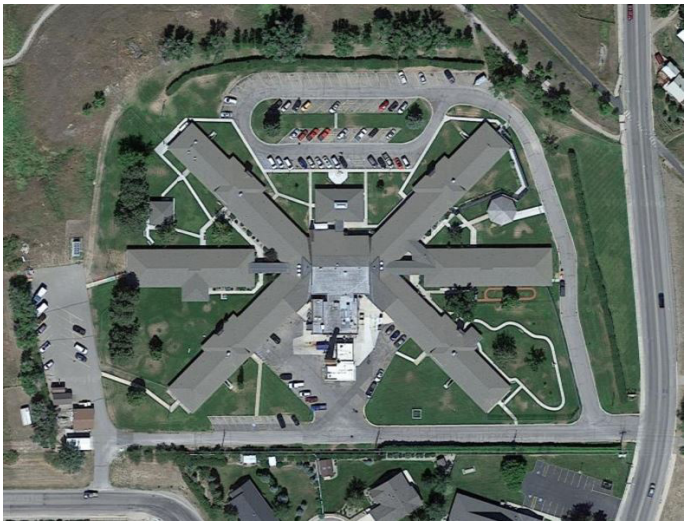
MONTANA MENTAL HEALTH NURSING CARE CENTER
$300,000

This project will improve the existing staff & visitor parking lots and add parking spaces to accommodate the increased number of patients and staff at the Montana Mental Health Nursing Care Center in Lewistown.

MMHNCC was built in 1952. It is comprised of four original wings and two additional wings built in 1975.

An increase in parking is needed due to added staff for the Office of Public Instruction and the opening of D-Wing to accommodate patients from Warm Springs currently housed in the Spratt Building. Without additional parking spaces, visitors would be required to park across the street in the high school parking lot or on the street. Additional spaces on the MMHNCC site will provide safe parking for visitors and will not impose on the high school parking. As part of this project, a security fence around D-Wing will be removed.

Ten to twelve additional spaces are currently needed. The existing parking lot will be evaluated for the best possible configuration to accommodate the additional spaces. In addition, the existing parking lot will be improved and resurfaced as needed.



FUNDING	
LRBP Cash	$300,000
TOTAL	**$300,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$270,000
Consultant Services	$30,000
TOTAL	**$300,000**

PRIORITY MR-10

KEY CARD ENTRY SYSTEM

MONTANA MENTAL HEALTH NURSING CARE CENTER
$125,000

This project will eliminate the need for keyed locks by implementing a facility-wide door access control system providing a higher level of safety and security for patients.

MMHNCC was built in 1952. It is comprised of four original wings and two additional wings built in 1975.

As a licensed long-term care facility that houses a challenging population, MMHNCC is required to have a secure building. Currently, a physical key system is used requiring staff to carry multiple keys for approximately 80 door openings. Changing access is a cumbersome process to change out lock cores and reissue keys.

A card-scanner system will eliminate the need for physical keys. Swipe card access is tracked and controlled, preventing unauthorized entry. Temporary access can be granted to traveling staff. Doors will automatically lock and remain locked, eliminating the chance a door is inadvertently left unlocked.

FUNDING	
LRBP Cash	$125,000
TOTAL	**$125,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$112,500
Consultant Services	$12,500
TOTAL	**$125,000**

PRIORITY MR-11

BACKUP WATER WELL

MONTANA MENTAL HEALTH NURSING CARE CENTER
$200,000

This project will construct a 400-500 foot well with 100 gallon per minute flow rate to provide an emergency backup water system to connect to the facility's water system.

MMHNCC was built in 1952. It is comprised of four original wings and two additional wings built in 1975.

In 2021, a burst pipe in the city of Lewistown resulted in a total loss of water at the facility. The new water well will provide a back-up water system in the event of a loss of municipal water.

A new backup water system will be installed to improve reliability of domestic water to the facility and building users during water outages from the City Water System. The new water system will include a wellhouse, pumps, water purification, metering and other appurtenances required to meet public water standards for a backup public water supply.

FUNDING	
LRBP Cash	$200,000
TOTAL	**$200,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$180,000
Consultant Services	$20,000
TOTAL	**$200,000**

PRIORITY MR-12

CREATE BUS LOOP & UPDATE PARKING LOT

MONTANA SCHOOL FOR THE DEAF & BLIND
$349,637

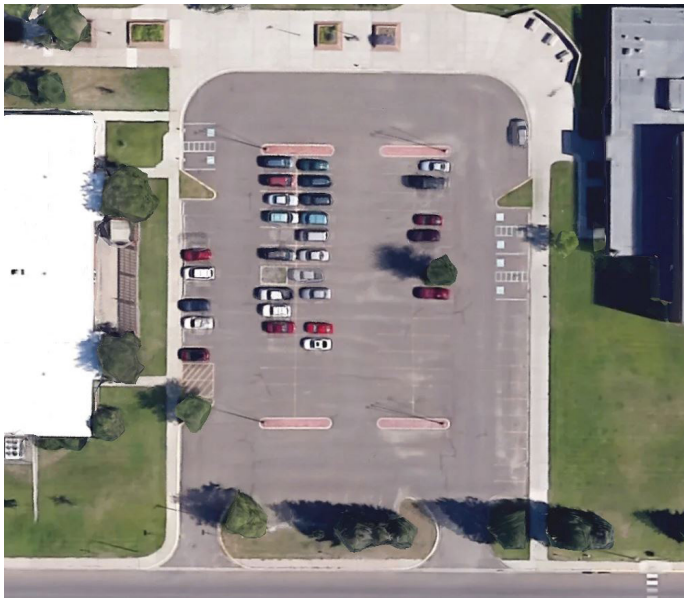
This project will reconfigure the parking lot to create a bus lane and visitor parking and repave the entire parking lot.

The current parking lot is 7,800 square feet. It has four light poles in the middle of the lot as well as a couple grass enclosed areas. The lot is used for staff parking, visitor parking, and to store state vehicles. This is also the main lot where transportation services drop and pick up students, including parents. The last major upgrade to the parking lot was completed in 1994.

MSDB does not have a bus drop zone for students. This creates a safety hazard for students when busses must park behind visitor cars, creating a situation where students are moving among parked and moving vehicles to reach the busses.

Visitors often park their cars on the west side of the parking lot. This area is also used for school transportation drops and picks up. This creates an unsafe situation where cars are backing out while students are entering or leaving the busses. For visually- and hearing-impaired students, this is an especially unsafe situation. MSDB is currently using cones to temporarily increase safety, but a permanent solution is needed.

This project will create a set structure to the parking lot for transportation services to ensure students can access transportation safely. In addition, moving the parking lot lighting to the perimeter of the lot will allow for easier plowing.



FUNDING	
LRBP Cash	$349,637
TOTAL	**$349,637**

ESTIMATED PROJECT COSTS	
Construction Costs	$314,737
Consultant Services	$34,900
TOTAL	**$349,637**

PRIORITY MR-13

BARNARD HALL COOLING SYSTEM COOLING SYSTEM REPAIR & IMPROVEMENTS

MONTANA STATE UNIVERSITY
$1,750,000

This project includes replacement of the chiller along with related cooling system components such as pumps, remote cooling tower sump and storage.

Barnard Hall (210,573 square feet) supports several research and instructional programs across campus including Chemistry, Engineering, and the Gianforte School of Computing. The building has undergone significant renovations and alterations since its original construction date in 1997, including Barnard Hall's Lobby Renovation completed in 2016.

In August 2022, the chiller serving Barnard Hall failed. Many research programs in Barnard Hall heavily rely on controlled environments. Without cooling, several research programs had to relocate their sensitive equipment, labs, and samples. In many cases, equipment could not be relocated and was required to be shutdown to avoid damage. It is expected that impacted research will be interrupted for a duration of 4 weeks because building temperatures exceeded 90F. Until the chiller is replaced, MSU will utilize a temporary rental chiller costing $75k for delivery and installation plus $35k/month rental fees.

This project proposes the replacement of the failed chiller and related cooling system components. MSU attempted to repair the failed components on the existing chiller during fall 2022 and these were not successful. A temporary chiller will be utilized until the failed components are replaced. MSU is requesting the State of Montana fund $1.75M total project cost to accelerate the replacement of the chiller, along with related cooling system components such as pumps, remote cooling tower sump and storage. This will reduce the overall costs to the university and disruption to research.

The chiller is at the age where replacements parts are hard to get which increases chiller down time and reduces cooling reliability. The chiller is 25 years old which is the standard life of the equipment and cooling system.

FUNDING	
LRBP Cash	$1,750,000
TOTAL	**$1,750,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,575,000
Consultant Services	$175,000
TOTAL	**$1,750,000**

PRIORITY MR-14

COOLING SYSTEM UPGRADE

MONTANA WOMEN'S PRISON
$750,000

This project will upgrade the cooling system in the original building built in 1975. The project will include replacing the 63 ton air-cooled chiller and chiller water pumps and other cooling equipment in the original building.

The existing chiller installed in 2004, utilizes R22 Refrigerant which is no longer available. Also, due to the chiller's age, it is no longer serviceable and spare parts are not available. The chiller is no longer reliable and frequently in need of repair. Failure of the chiller to operate results overheating in the original building and a unsafe environment for staff and inmates.

Installation of a new cooling system including a high efficiency chiller will improve the comfort of the staff and inmates in the building and reduce energy use.

FUNDING	
LRBP Cash	$750,000
TOTAL	**$750,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$675,000
Consultant Services	$75,000
TOTAL	**$750,000**

PRIORITY MR-15

BOILER REPLACEMENTING ADMINISTRATION BUILDING

MONTANA LAW ENFORCEMENT CENTER
$830,000

This project will replace the existing steam heating system with new hot water, high efficiency boilers and new hot water piping and terminal units in the Administration Building at the Montana Law Enforcement Academy.

Built in 1924 as part of the Montana State Vocational School for Girls, the 13,321 square foot Administration Building houses offices and classrooms.

The Administration Building is currently heated by two outdated Weil McLain cast iron steam boilers which have frequent service issues. Despite regular maintenance, the steam and water lines leak and there is extensive corrosion in many of the boiler components. Both the low water cut off and the pump control switches are corroded which prevents the boiler from functioning properly. The water hammer malfunctions which causes the pipes to shake and clang, potentially causing more damage to the pipes. The noise made by the pipes creates is disruptive to instructors and students.

Both boilers need burners, water pumps, low water cut-offs and pump control valves. Replacement parts are difficult to find, expensive, and challenging to install. Maintenance staff has utilized parts from other boilers that have been replaced on the campus, but these parts have now all been used.

The boilers are not reliable and the temperature in the building fluctuates dramatically. The boilers often shut down overnight leaving the building without heat. Students must wear winter jackets, gloves, and caps to endure classroom instruction. In December of 2019 the boiler quit functioning over the Christmas weekend and temperatures in the building reached 32 F nearly causing water pipes to freeze and burst.

Boiler technicians examined the boiler system and determined the boiler system has reached its critical life expectancy and should be replaced before a catastrophic failure occurs.

Installation of a new boiler and upgrades to the system will increase energy efficiency, ensure consistent comfort levels for students and staff, and prevent damage to the building.

FUNDING	
LRBP Cash	$830,000
TOTAL	**$830,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$747,000
Consultant Services	$83,000
TOTAL	**$830,000**

PRIORITY MR-16

ORIGINAL GOVERNOR'S MANSION REPAIRS

DEPARTMENT OF ADMINISTRATION
$600,000

This project will make exterior repairs to the Original Governor's Mansion and Carriage House, including repairing and repainting the upper balustrade, main level deck, and porch.

The house and carriage house were built in 1888 by William Chessman. In 1913, the state of Montana acquired a mansion to serve as the official residence for the governor of Montana. Between 1913 and 1959, it was home to nine Montana governors and their families. The property includes the house and a two-story brick carriage house. It serves as a historic model today and is open to the public for touring. Maintenance and repairs to the building have been made over the years as funding was available but the exterior of the buildings has seen considerable structural and aesthetic decline. To properly maintain the building, the exterior components must be repaired. This project will replace sections of the exterior of the buildings that are in serious decline and present safety issues. New paint and weather protection will prepare the exterior for a future of serving the public as the proud symbol of governance in Montana.

FUNDING	
LRBP Cash	$600,000
TOTAL	**$600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$540,000
Consultant Services	$60,000
TOTAL	**$600,000**

PRIORITY MR-17

ROOF REPLACEMENT - BOULDER CAMPUS

MONTANA HIGHWAY PATROL
$1,860,000

This project will replace roofs on ten buildings on the MHP Boulder campus, preventing possible damage to the interior of the buildings.

In April 2021, Governor Gianforte issued Executive Order 6-2021, transferring administrative control of unused portions of the Montana Developmental Center campus to the Department of Justice for use by the Highway Patrol for its headquarters and training facility needs. The DOJ is now responsible for all maintenance and repair of the properties. Since relocating the Montana Highway Patrol's Helena Headquarters to the former Montana Developmental Center in Boulder, the Department of Justice and MHP have begun adapting the facility for their needs and evaluating the condition of the buildings.

In 2021, the Architecture & Engineering Division met with MHP to evaluate the roofs on multiple buildings. Ten buildings were identified as needing new shingle roofs. These roofs were replaced over 28 years ago and have exceeded their 25-year warranty. During wind events, many areas have shingles lifting and blowing off. To date, 15 repairs have been made since MHP took over the facility.

FUNDING	
LRBP Cash	$1,860,000
TOTAL	**$1,860,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,674,000
Consultant Services	$186,000
TOTAL	**$1,860,000**

PRIORITY MR-18

PRIORITY 1 ROOF REPLACEMENTS

UNIVERSITY OF MONTANA
$2,425,000

This project will replace 5 roofs:

Math Building
Area: 5,500 sq ft
Roof Type:
Cedar shakes
Age: 38 years

Alexander Blewett III School of Law
Area: 20,800 sq ft
Roof Type:
EPDM
Age: 38 years

Music Building
Area: 18,300 sq ft
Roof Type:
Built-up Asphalt
Age: 39 years

Fine Arts Building
Area: 22,200 sq ft
Roof Type:
Hypalon and TPO
Age: 21 years

Biology Research Building
Area: 4,800 sq ft
Roof Type:
TPO
Age: 18 years

These roofs have exceeded their useful life. The replacement systems will be chosen to provide maximum protection with minimum maintenance. Additionally, where historical structures are involved, preference has been given to maintaining the historical nature of the roofing system. Finally, all roofing systems will incorporate current energy standards.

These roofs have been well maintained over the years but have deteriorated to a point where they can no longer be effectively repaired. New roofs will extend building life, protect assets, and improve conditions in the facilities.

FUNDING	
LRBP Cash	$2,425,000
TOTAL	**$2,425,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,182,500
Consultant Services	$242,500
TOTAL	**$2,425,000**

PRIORITY MR-19

DEVELOP FACILITY SPECIFIC PROGRAM & MASTER PLAN

DEPARTMENT OF CORRECTIONS
$600,000

Phase I of the system-wide DOC Master Plan prepared by DLR focused on establishing an overall framework for long term facility needs and immediate improvements. This request provides a further detailed study of Department of Correction facilities, MSP, MWP and other state owned and operated facilities – Pine Hills, Riverside Special Needs Unit and Missoula Assessment Sanction Center (MASC) recommended as part of implementing funded improvements.

This analysis will look specifically at site organization, siting options for housing development and how to best phase the construction to maintain ongoing operations. Additionally, it will include the assessment and evaluation of the other facilities excluded from Phase I planning and validate Master Plan recommendations based on total cost of ownership. Included will be an objective assessment of impacts on staffing required to serve the facilities identified.

As part of Master Plan implementation, it is recommended that the Department of Correction work with the Office of Budget and Program Planning, Department of Administration, and the Legislature to develop an ongoing capital plan to fund on-going future maintenance of facilities. The Building Owners and Managers Association (BOMA) typically recommends funding annual maintenance and upgrades for a typical office building at 3% - 5% of the value of the asset. Given the constant 24/7 use of correctional facilities it is recommended that an allocation at the upper end of the range be set-up for ongoing maintenance of DOC facilities. Planning for maintenance funding on an annual (or biennial basis) will allow the state and Department of Corrections to better protect the taxpayer's investment in facility assets and reduce the need for physical condition or age based major capital program requests in the future.

Develop Facility Specific Program and Master Plan is the first step in implementation of an on-going capital funding mechanism. This plan will look more specifically at site organization, siting opportunity options for housing development and how to best phase the construction program to maintain ongoing operations and integrate various improvements as they are planned. It will also provide an opportunity to include the assessment and evaluation of the facilities excluded from Phase I planning and to validate Master Plan recommendations based on total cost of ownership including an objective assessment of impacts on staffing.

Implementing this next master plan phase will provide documentation for the Department of Corrections to have valid information to present to the Legislature, DOA and OBPP to set up an ongoing capital fund for deferred maintenance of DOC facilities.

FUNDING	
LRBP Cash	$600,000
TOTAL	**$600,000**

ESTIMATED PROJECT COSTS	
Consultant Services	$600,000
TOTAL	**$600,000**

PRIORITY MR-20

PE BUILDING ROOF REPLACEMENT

MONTANA STATE UNIVERSITY - BILLINGS
$2,400,000

This project will replace the roof on the P.E. Building at MSU-Billings.

The P.E. Building was originally constructed in 1961 and now houses the Health and Human Performance department and athletic facilities. The entire building is approximately 105,395 square-feet.

The roof was last replaced in 1992 and is well past its expected useful life. Repairs of approximately $50,000 and annual maintenance of $15,000 will extend the life of the roof until 2023. The roof is leaking, causing internal damage to the P.E. Building. RMTD will no longer cover internal damage as it is caused from deterioration and not a destructive event. All sections of the curve and flat roof are due for replacement.

The roof has been well maintained but has deteriorated to a point where it can no longer be effectively repaired. A new roof will extend building's life, protect assets, improve conditions in the facility and reinstate full insurance through RMTD.

FUNDING	
LRBP Cash	$2,400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-21

REPAIR / REPLACE SEWER MAINS

UNIVERSITY OF MONTANA - WESTERN
$425,000

This project will excavate, remove, and replace sections of the clay sewer main lines. The lines vary from 8 to 10 inches in diameter. An estimated 250 feet of sewer line will be replaced with industry standard PVC piping.

The section of sewer main connects to the Jordan, Davis, and Centennial residence halls that house approximately 200 students.

Roots in the sewer main have been an ongoing issue for the past 10 years. Campus Facilities continues to take preventative action, and the City of Dillon flushes the sewer mains on a yearly basis to remove accumulated tree roots. Trees have been removed in proximity to the problem areas, but root encroachment remains on ongoing issue.

Sections of clay pipe sewer mains within the campus boundary are exhibiting significant deterioration. An inspection by the City of Dillon has verified root encroachment which is compromising piping integrity. Catastrophic failure of these clay pipe sections of the sewer main is a real possibility.

Replacement of the clay sections of the sewer system will prevent interruptions in service, reduce maintenance costs and prevent damage to buildings.

FUNDING	
LRBP Cash	$425,000
TOTAL	**$425,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$382,500
Consultant Services	$42,500
TOTAL	**$425,000**

PRIORITY MR-22

REPLACE ELEVATORS

UNIVERSITY OF MONTANA
$2,498,650

This project will upgrade and modernize the elevators and equipment in 4 buildings: Mansfield Library, Health Sciences Building, Fine Arts Building, and the Alexander Blewett III School of Law.

Mansfield Library
2 passenger and 1 freight elevator
Age: 51 years

Health Sciences Building
1 passenger elevator
Age: 61 years

Fine Arts Building
1 passenger elevator
Age: 66 years

Law School Building
1 passenger elevator
Age: 41 years

The existing elevators are original to the buildings and are currently out of compliance with the state elevator code. Parts for repair are hard to find. These elevators need a total upgrade to meet current codes.

The elevators have been well maintained over the years but have aged and deteriorated to a point where they can no longer be effectively repaired. The elevators are no longer reliable and are not currently certified by the state inspector.

This project will replace vital components, including hoist machinery, drive motors, signal controls, motion controls, and cab enclosures. Continued problems and repairs will result in higher-than-normal service costs and create accessibility barriers for staff and visitors and a failure would render the upper floors and the basements inaccessible.

FUNDING	
LRBP Cash	$2,498,650
TOTAL	**$2,498,650**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,248,785
Consultant Services	$249,865
TOTAL	**$2,498,650**

PRIORITY MR-23

ROOF REPLACEMENTS

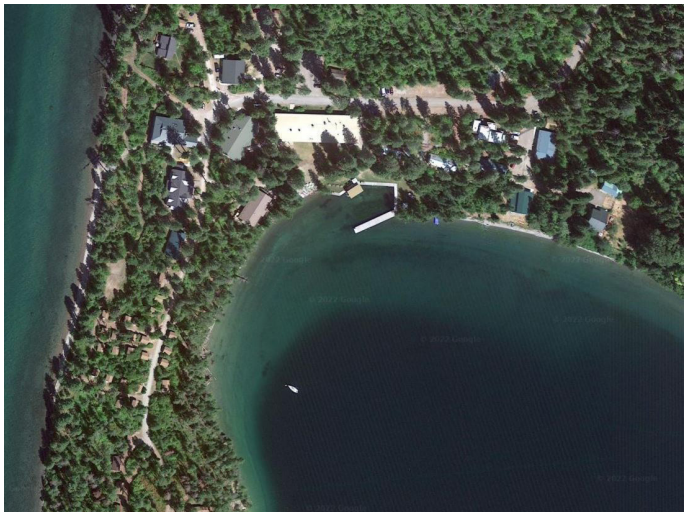
FLATHEAD LAKE BIOLOGICAL STATION
$262,000

This project will replace roofs on three buildings: Elrod, Zoology, and Lakeside Buildings.

Elrod Building
Area: 12,780 square feet
Roof Type: Membrane
Age: 25+ years

Zoology Building
Area: 1,700 square feet
Roof Type: Metal Seam
Age: 25+ years

Lakeside Building
Area: 5,900 square feet
Roof Type: Metal Seam
Age: 25+ years



These roofs have exceeded their useful life. The replacement systems will be chosen to provide maximum protection with minimum maintenance. Additionally, where historical structures are involved, preference has been given to maintaining the historical nature of the roofing system. Finally, all roofing systems will incorporate current energy standards.

These roofs have been well maintained over the years but have deteriorated to a point where they can no longer be effectively repaired. New roofs will extend building life, protect assets, and improve conditions in the facilities.

FUNDING	
LRBP Cash	$262,000
TOTAL	**$262,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$235,800
Consultant Services	$26,200
TOTAL	**$262,000**

PRIORITY MR-24

HEATING SYSTEM UPGRADE

MONTANA WOMEN'S PRISON
$1,500,000

This project will upgrade the Heating System by replacing two boilers and making other heating improvements at the Montana Women's Prison with high-efficiency boilers and replace the diesel underground holding tank with a propane tank or natural gas tank.

The heating plant was installed in 2000 as part of the Women's Prison Expansion Project.

A high efficiency condensing boiler was installed in 2013 to heat the building during mild weather and reduce energy use. The 2 large boilers are only used to heat the building during extreme cold weather and during natural gas outages utilizing an underground fuel oil tank. The 2 existing 5 MMBTU boilers are over 20 years old and are becoming increasingly difficult to maintain as spare parts are becoming hard to obtain. Also, the backup fuel oil tank and operation of the boilers on fuel oil is becoming less reliable and hard to maintain.

The project will greatly improve the boiler plant operation and free up needed space for other equipment. The installation of new high efficiency boilers with backup fuel will greatly improve the reliability of the heating plant and reduce energy use.

FUNDING	
LRBP Cash	$1,500,000
TOTAL	**$1,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,350,000
Consultant Services	$150,000
TOTAL	**$1,500,000**

PRIORITY MR-25

MISSOULA CRIME LAB EXPANSION FEASIBILITY STUDY

DEPARTMENT OF JUSTICE
$75,000

The Crime Lab Facility in Missoula has reached capacity in the state-owned space it occupies. During the 20 years the lab has been in service, several improvements and renovations have been completed, but the lab has outgrown the physical space available to keep up with demand. This request provides funding to evaluate and explore the possibility of expanding the existing facility through a feasibility study.

To continue serving the growing population of the state of Montana, a feasibility study is necessary to explore various options and determine the most cost-effective and efficient solution for expanding the existing Missoula Crime Lab facility. Over the past 20 years the lab has investigated physical, chemical, biological, and digital evidence. Recent changes to Montana law have imposed additional pressure on the lab due to the number and type of services required. The need for differing instrumentation, improved casework, secure evidence storage and specialized personnel has increased. Specialists are often employed in a variety of disciplines, including behavioral forensic science, forensic pathology, forensic anthropology, crime-scene investigation, and ballistics. As forensic analyses become more sophisticated and complex and new technologies evolve, additional space is required. The Feasibility Study will evaluate and investigate several elements of the existing facility to determine if an expansion/addition is possible.

The study will evaluate not only lab efficiency improvements, facility layout, and function, but also land acquisition adjacent to the existing building, the condition and capacities of existing utilities, HVAC, infrastructure, and expanded parking availability. The finding of the feasibility study will propose solutions to increase square footage, improved workspace function and efficiency, improve safety and security of the facility and ensure lab capacity is adequately designed to accommodate equipment and specialized personnel and forensic requirements well into the future.

FUNDING	
LRBP Cash	$75,000
TOTAL	**$75,000**

ESTIMATED PROJECT COSTS	
Consultant Costs	$75,000
TOTAL	**$75,000**

PRIORITY MR-26

ELECTRICAL DISTRIBUTION MULTIPLE BUILDINGS

MONTANA TECHNOLOGICAL UNIVERSITY
$650,000

This project will upgrade electrical systems including electrical panels and wiring in the Museum Building, Engineering Hall, and the Science & Engineering Building to meet increased technology loads for classrooms.

Museum Building has 28,194 square feet and was built in 1940.

Engineering Hall has 13,727 square feet and was built in 1923.

Science & Engineering Building has 35,094 square feet and was built in 1925.

All three buildings are used as classrooms, laboratories, and office spaces.

Upgrading classrooms with new technology requires upgrades to the electrical distribution systems in older buildings and is necessary based on the ever-increasing demand for power with the increased use of technology in the classroom, such as digital whiteboards, web cams, AV equipment, wired student desks to power laptops, etc. Existing electrical panels can no longer be maintained due to age and lack of available spare parts. Electrical code deficiencies will be addressed and the buildings will be brought up to current electrical code requirements.

Upgrading the electrical panels and re-allocating the distribution of power throughout the buildings supports the ever-changing technology needs of classrooms and labs and will also bring up the systems up to current electrical codes.

FUNDING	
LRBP Cash	$650,000
TOTAL	**$650,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$585,000
Consultant Services	$65,000
TOTAL	**$650,000**

PRIORITY MR-27

CAMPUS WATER DISTRIBUTION UPGRADES

MONTANA STATE UNIVERSITY - BILLINGS
$2,400,000

This project will repair and replace campus wide water plumbing system to upgrade the system from the original failing pipes.

The campus water line is fed from one City of Billings water main access point and the campus water main pipe loops around campus and feeds each building. The water main is approximately 6,000 linear feet with nearly half buried under concrete or parking lots. The system is original to campus and the underground pipes are at risk of failure. The existing campus water system is cast iron pipe that has a life expectancy of 50-65 years under normal conditions, and most of the pipe is over 60 years old.

The current water main loop system connects all main campus buildings and when a break occurs, the city main must be shut off resulting in loss of water at every building. The water pipes are beginning to fail causing damage to buildings and infrastructure. In 2020, a pinhole sized pipe failure outside McMullen Hall caused $35,000 of damage. A pipe failure in September 2021

near Virginia Lane caused water to shut off to campus for seven hours. Each time the water is shut off to campus it must be tested, and water is not allowed for consumption for 3 days while awaiting testing results. MSUB must provide bottled drinking water to the entire campus during this time.

Making the necessary repairs and replacements to the failing sections of pipe is the only option to retire deferred maintenance, improve system reliability and avoid costly failures.

FUNDING	
LRBP Cash	$2,000,000
Authority	$400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-28

LEWIS HALL ADA UPGRADES

MONTANA STATE UNIVERSITY
$2,400,000

This project will construct necessary upgrades, like an elevator, to improve the overall ADA compliant access throughout Lewis Hall.

Lewis Hall, constructed in 1922, is approximately 46,233 square feet in size. In 1960, the ground floor on the west side of Lewis Hall was extended to connect with Cooley Laboratory. An enclosed, elevated walkway also connects the two buildings on the second story. In 1985, Tietz Hall was constructed immediately behind Lewis Hall which is connected to the basement of Lewis Hall.

Lewis Hall contains classrooms and labs that support several instructional programs including Ecology, Microbiology and Cell Biology, and Veterinarian Medicine. Additional rooms include offices occupied by several departments including Ecology, Microbiology and Cell Biology, and Veterinarian Medicine. There are also offices and conference room on each level.

Lewis Hall does not have an elevator and all levels of the building are not ADA accessible. Accessibility barriers are problematic for students, faculty, and staff who need ADA-compliant access to classrooms, labs, and offices throughout Lewis Hall. MSU is regularly required to move course sections because a student or staff is unable to safely access all levels of the building. Changing the location of these courses is nearly impossible given the limited space across campus. Furthermore, relocating lab sections to another location across campus is challenging because faculty are then required to move irreplaceable specimens and expensive lab equipment outdoors to another building. While MSU does their best to accommodate ADA requests as they arise given the current resources available, Lewis Hall's non-compliance with ADA design standards is one of MSU's Office of Disability Services' largest barriers to being able to provide access for students with disabilities.
Constructing an elevator in Lewis Hall and other

modifications as required would greatly improve the accessibility of classrooms, labs and faculty offices for students with disabilities and prevent colleges from having to move instructional lab, course sections, and respective lab equipment mid-semester to accommodate ADA requests.

FUNDING	
LRBP Cash	$2,400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-29

REPLACE FIRE ALARMS - CLAPP BUILDING

UNIVERSITY OF MONTANA
$780,000

This project will replace outdated fire alarm control panels in multiple buildings on campus, with the Clapp Science Complex as the most immediate need. Replacement is necessary to provide adequate protection to occupants and assets. Fire alarm panels and alarm notification are not code compliant.

The Clapp Science Complex, constructed in 1969, is approximately 104,662 square feet, has five floors and houses various science departments in this five-story facility. The building consists of two square blocks sharing an exterior center walkway.

There are two fire alarm panels at Clapp: One newer panel (10+ years old) for third and fourth floors, and an older panel for the basement, first and second floors. The two existing fire alarm panels are tied together but the older panel serving the basement, 1st & 2nd is no longer reporting signals. Failed smoke detection for the lower 3 floors is an immediate concern.

This project will replace the existing panels with one central panel serving the entire building.

Upgrades to other fire alarm panels in the following buildings will be completed as funds allow.

- McGill Hall: Alarm panel is at capacity
- Adams Center: Outdated alarm panel
- West Campus TT-1 and TT-2 buildings. Outdated panels and fire alarm devices.
- Chemical Stores: Outdated panel
- Brantley/ Corbin: Outdated panel
- Mansfield Library: Outdated panel
- Upgrade the Bosch system, which calls into dispatch for the fire alarms

FUNDING	
LRBP Cash	$780,000
TOTAL	**$780,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$702,000
Consultant Services	$78,000
TOTAL	**$780,000**

PRIORITY MR-30

TIETZ HALL ROOF REPLACEMENT

MONTANA STATE UNIVERSITY
$1,300,000

This project will replace Tietz Hall's roof which is original to the facility, beyond its expected useful life, and showing signs of failure.

Tietz Hall, constructed in 1985, is approximately 20,471 square feet in size. It is attached to the rear (north) elevation of Lewis Hall and the southwest corner of the adjacent Cooley Laboratory. Tietz Hall is made up of labs and offices that are currently used by the Animal Resource Center.

Tietz Hall has a single ply, ballasted roof that is original to the facility and well beyond its expected useful life. The roof protects expensive mechanical equipment that researchers rely on for the continuity of their work. Failure of the roof system causing damage to the mechanical equipment and disruption of controlled environments has the potential to cause significant damage to Animal Resource Center research operations.

Replacement of the Tietz Hall roof will improve reliability of the system and mitigate adverse impacts to research operations if the roof were to fail.

FUNDING	
LRBP Cash	$1,300,000
TOTAL	**$1,300,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,170,000
Consultant Services	$130,000
TOTAL	**$1,300,000**

PRIORITY MR-31

PERIMETER FENCE / DOG YARD

MONTANA WOMEN'S PRISON
$1,000,000

The existing perimeter security fence at the Montana Women's Prison is compromised in places, posing security and safety concerns for the inmates, staff, and surrounding Billings community. Replacement of fence sections and associated security upgrades are necessary to maintain the security and safety of the hardened perimeter.

MWP is a 250-bed secure facility that houses approximately 225 felony inmates. The facility provides a secure environment that offers evidence-based programming designed to assist them when they transition back to Montana communities. The facility is located near downtown Billings on a busy traffic corridor and is highly visible. The perimeter security fence serves as the first line of defense to increasingly higher threat levels, both internal and external, anti-intrusion prevention, tunneling, cutting, climbing, escape and access.

In addition to the facility's perimeter fence, the dog yard fencing is also compromised and in need of repair or replacement. The Prison Paws program, started in 2004, is a canine training program. The program provides inmates an opportunity to learn new skills training and working with dogs. Socializing with the dogs improves inmate self-esteem while training basic manners to canines.

The perimeter fence and dog yard fence are critical to the success of Montana Women's Prison. Addressing the deficiencies of both fencing systems will ensure the safety and security of individuals, both inside MWP and in the surrounding community.

FUNDING	
LRBP Cash	$1,000,000
TOTAL	**$1,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$900,000
Consultant Services	$100,000
TOTAL	**$1,000,000**

PRIORITY MR-32

UNIT F SEWER LINE REPLACEMENT

PINE HILLS CORRECTIONAL FACILITY
$500,000

This project will repair a partially collapsed sewer line at the Pine Hills Correctional Facility housing unit, restoring sewer service to the affected housing section.

A portion of Unit F is serviced by sixty feet of damaged sewer pipe resulting the closure of a portion of the wing for housing offenders. A total collapse of the pipe would result in sewage backing up into the unit, causing a health and safety hazard to residents and staff of the unit and other buildings.

Unit F can house 16 inmates and by replacing the sewer line in the broken branch, Pine Hills will be able to utilize 8 additional housing units, increasing the total number of inmates to 24. Improvements made in the building crawl space will include replacing sewer lines, removing damaged soil, and reducing groundwater from entering the crawl spaces. If viable, ventilation will be added to the crawl spaces to remove gas from entering the building and improve the operation of the building.

FUNDING	
LRBP Cash	$500,000
TOTAL	**$500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$450,000
Consultant Services	$50,000
TOTAL	**$500,000**

PRIORITY MR-33

UNIT F WATER SUPPLY UPGRADE

MONTANA STATE PRISON
$600,000

Unit F is an isolated secure 53-bed facility located west of the main Montana State Prison campus toward Conley Lake. Currently, it is not occupied because power to the facility is unreliable, and no backup water supply system is available for fire protection or domestic use.

This request proposes to upgrade the power distribution system and install a new a water well as backup to the existing water system for Unit F. Recent power system upgrades at Montana State Prison have replaced the power poles and lines to Well House #3, one of the wells that serves the prison water system. Power distribution to Unit F is fed from Well House #3. Installed in the early 1970's, the existing power poles, lines, and transformers from Well House #3 to Unit F have exceeded their useful life and must be replaced. The deteriorating power poles also carry the fiber that runs to Unit F. The condition of the fiber lines will be assessed and if deemed necessary, the fiber lines will be replaced as part of this project. The new power distribution system will have Increased capacity and will permit installation of a new water well. The new well coupled to the existing water system will provide the necessary backup water supply for domestic and fire protection use, improving system reliability and life safety of the facility.

With the overcrowded conditions MSP continually faces, it is unfortunate Unit F is unoccupied. Authorization of this project request replaces and upgrades the existing power distribution system and installs the new water well. These improvements will permit MSP to reoccupy the facility.

FUNDING	
LRBP Cash	$600,000
TOTAL	**$600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$540,000
Consultant Services	$60,000
TOTAL	**$600,000**

PRIORITY MR-34

GALLATIN READINESS CENTER ROOF REPLACEMENT

DEPARTMENT OF MILITARY AFFAIRS
$1,482,910

This project will replace EPDM and PVC membranes sections of roof with either a single-ply membrane or metal on the Gallatin Readiness Center.

The Gallatin Readiness Center is a 52,083 square foot facility constructed in 2003. The Readiness Center provides Army Reserve administrative operations, unit training, materials storage, recruiting services, military social functions, and shelter during emergencies or natural disaster.

The facility's roof has been well maintained over the years but is starting to deteriorate to a point where the interior of the building is in jeopardy of being damaged. The existing roof is made up of three different material types: metal, EPDM/rubber, and PVC membrane. The EPDM and PVC membranes have exceeded their life expectancies. Routine maintenance on the EPDM has included repairs in many areas; many of these repairs are starting to separate at the seams. The warranty for the EPDM expired March 19, 2018, and the PVC membrane on expired March 19, 2013.

The proposed project will replace approximately 12,473 square feet of EPDM and 17,030 square feet of PVC membrane sections of roof with either a single-ply membrane or metal.

FUNDING	
LRBP Cash	$741,455
Federal Special Revenue	$741,455
TOTAL	**$1,482,910**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,334,619
Consultant Services	$148,291
TOTAL	**$1,482,910**

PRIORITY MR-35

SITE INFRASTRUCTURE STUDY

MONTANA STATE PRISON
$300,000

This request authorizes the evaluation of all existing site infrastructure systems currently serving facilities located on the 140-acre main Montana State Prison Compound. The evaluation/study will assess the existing condition, life expectancy and expansion capability of all infrastructure elements to ensure the infrastructure adequately supplies services to existing and future MSP facilities and buildings well into the future.

The age, condition, and existing capacity of site infrastructure elements serving MSP will likely require improvements, upgrades, or replacements to offer any increased capacity for future expansion. For master planning, budgeting and long-range building programming purposes, the Department of Corrections Statewide Master Planning Report prepared by DLR Group and Cushing Terrell recommended an overall site infrastructure study be prepared. The intent of the study would be to identify underground and above grade site infrastructure conditions and capacities, and outline necessary improvements required for future expansion of MSP facilities. Underground improvements will likely include upgrading domestic potable water systems via additional wells, storage, and treatment upgrades; fire suppression system water supply and service improvements would be provided with a water supply closed loop, hydrants, and potential fire pumps; upgrades to the sanitary sewer and storm systems lines; increased electrical power distribution, capacity, and lighting improvements and upgrades; natural gas delivery development and upgraded technological communications and data systems. Above grade improvements would include

but not necessarily be limited to infrastructure elements enhancements such as roadway and access improvements and upgrades to the sewage system to bring it into DEQ compliance.

The existing sewer lagoons at MSP are maximized on capacity for sewage treatment. Being an antiquated system, infrastructure improvements and master planning for the MSP campus includes provisions for a prepackaged on-site sewage treatment plant. Implementing improvements resulting from the MSP Site Infrastructure Study would upgrade and improve existing site infrastructure systems, make them compliant with current building code requirements, and increase the overall infrastructure capacity to accommodate future MSP expansion.

FUNDING	
LRBP Cash	$300,000
TOTAL	**$300,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$300,000
TOTAL	**$300,000**

PRIORITY MR-36

COBLEIGH HALL PARAPET STRUCTURAL REPAIR

MONTANA STATE UNIVERSITY
$2,400,000

This project will repair deficient brick veneer and parapets, add more control joints, and repair/replace failing window eyebrows.

Cobleigh Hall, constructed in 1970, is approximately 99,099 square feet in size. Cobleigh Hall is connected to Roberts Hall with a 28' x 36' annex near the western end of the north elevation. It is also connected to the EPS Building on the west end of its south elevation. Cobleigh Hall is currently made up of classrooms and labs that support several instructional programs including Civil Engineering, Chemical and Biological Engineering, Electrical Engineering, and Land Resources & Environmental Science. Additional rooms include offices and conference rooms on each level.

Cobleigh Hall's brick veneer and parapet are pulling away from the building due to a lack of control joints. There are numerous cracks in the brick veneer, which generally start at the corner of window openings. Additionally, the window eyebrows are showing sign of deterioration which risk eventual failure and risk to life-safety if not addressed. Some of the precast concrete window covers shows sign of deterioration and, in some cases, the extent of reinforcing steel is exposed.

This project addresses failing components of the building envelope by reinforcing the brick veneer and parapet as well as repairing/replacing the failing window eyebrows, which are a major safety concern.

Addressing both the brick veneer and parapet, as well as the failing window eyebrows in one project is recommended because it immediately addresses the failing building envelope and safety concerns, and results in significant savings in both scaffolding and labor costs by addressing both the eyebrows and control joints at the same time.

FUNDING	
LRBP Cash	$2,400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-37

RESTROOM RENOVATIONS

MONTANA TECHNOLOGICAL UNIVERSITY
$1,200,000

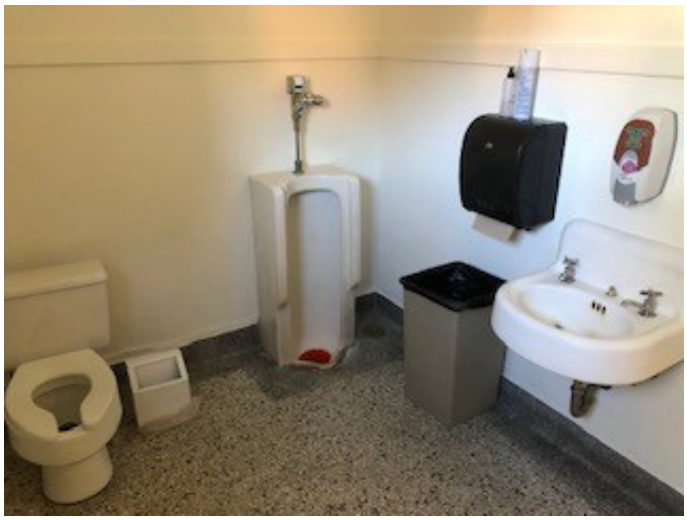
This project will completely renovate 15 restrooms in 4 buildings, Main Hall, Museum Building, Engineering Building, and Science & Engineering Building

Main Hall
Built: 1896
Area: 37,794 square feet
Use: Classrooms, laboratories, and office space.

Museum Building
Built: 1940
Area: 28,194 square feet
Use: Classrooms and office space.

Engineering Building
Built: 1923
Area: 13,727 square feet
Use: Classrooms, laboratories, and office space.

Science & Engineering Building
Built: 1925
Area: 35,094 square feet
Use: Classrooms, laboratories, and office space.



The restrooms are small, outdated and not ADA accessible. Many have not had significant improvements since the buildings were constructed. A complete renovation will remove everything down to the structure. Where possible, restrooms will be expanded and made accessible. New plumbing, fixtures, flooring, partitions, and lighting will be installed.

The renovated restrooms will be brought up to modern standards, creating functional, easily maintained, accessible restroom facilities.

FUNDING	
LRBP Cash	$1,200,000
TOTAL	**$1,200,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,080,000
Consultant Services	$120,000
TOTAL	**$1,200,000**

PRIORITY MR-38

CAMPUS HEATING PLANT BOILER CONTROLS UPGRADE

MONTANA STATE UNIVERSITY
$2,400,000

This project will replace and upgrade major components of the campus Heating Plant infrastructure, including boiler controls systems, which are well beyond their expected useful life and at risk of failure.

The Heating Plant, constructed in 1922, consists of approximately 11,057 square feet and is located at MSU Bozeman. The general use of the building is to provide steam to MSU Bozeman's core university buildings.

Critical equipment in the campus central Heating Plant has reached the end of its expected life and should be replaced. The boiler control systems, for example, provide critical heating plant functions including operation of three boilers and monitoring of the key system parameters to meet DEQ air quality permit requirements. The existing control systems are antiquated and failing. In some cases, parts are obsolete and making repairs to the system is challenging. Without replacement, the reliability of the Campus Heating Plant will be limited.

The existing heating plant controls are over 25 years old for most of the plant and are in need of an upgrade. This project will improve overall reliability of the Heat Plant by addressing components that have failed or are likely to fail in the coming years.

ESTIMATED PROJECT COSTS	
LRBP Cash	$1,600,000
Authority	$800,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-39

EMERGENCY WATER SYSTEM & FIXTURE UPGRADES

MONTANA STATE UNIVERSITY
$2,400,000

This project will upgrade the existing emergency fixtures and associated water system in Barnard, Gaines and Leon Johnson Halls.

Safety protocols and codes require separating the existing emergency fixtures from the existing reverse osmosis (RO) or domestic cold water system (varies by building) and installing a dedicated tempered water system.

Gaines Hall (96,868 square feet), Barnard Hall (210,573 square feet), and Leon Johnson Hall (117,142 square feet) are currently made up of classroom and labs that support several instructional programs across campus including Earth Sciences, Biology, Chemistry, Engineering, and the existing Gianforte School of Computing.

Emergency fixtures (eye washes/showers) in several buildings were originally designed to connect to building domestic cold water or RO systems. Current plumbing code requires that emergency eye wash stations have a temperature actuated mixing valve to regulate temperature of water temperature. The problem with this design is the hot water gets cold over time and the shower water temperature is hard to regulate. The preferred solution is a tempered water loop that is designed to maintain the water temperature at the desired temperature at the eye wash stations.

An upgrade of the existing emergency fixtures and associated water system in Barnard, Gaines and Leon Johnson Halls requires separating the existing emergency fixtures from the existing RO or domestic cold-water system and install a dedicated tempered water system.

FUNDING	
LRBP Cash	$2,400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-40

MASONRY REPAIRS - PLASTER, TUCKPOINTING, FLAT

MONTANA TECHNOLOGICAL UNIVERSITY
$455,000

This project will repair plaster and tuckpointing mortar on Engineering Hall, Main Hall, The Science and Engineering Building, The Mining & Geology Building, the Chemistry & Biology Building, and the Museum Building.

- Engineering Hall built 1923
- Main Hall built 1896
- Science and Engineering Building built 1925
- Mining & Geology Building built 1972
- Chemistry & Biology Building built 1921
- Museum Building built 1940

Decayed finish plaster and missing mortar at stone and brick joints has compromised the exterior envelope of these buildings. Deferred maintenance funds have been utilized to address the problem but the high number of issues across multiple buildings must be addressed in one project to protect the structural and aesthetic integrity of the buildings.

Addressing these issues in one project is more cost effective than trying to remedy the issues one building at a time over multiple years. Correcting water infiltration will prevent more expensive problems in the future and prevent safety issues from deteriorating envelopes.

FUNDING	
LRBP Cash	$455,000
TOTAL	**$455,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$409,000
Consultant Services	$45,500
TOTAL	**$455,000**

PRIORITY MR-41

STILLWATER UNIT SHOP

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$1,214,837

This project will construct a new 2,500 square foot shop to replace the existing shop which is beyond repair.

The current Stillwater Unit Shop was built in the 1960s and is approximately 2,508 square feet. The existing floor and brick foundation is crumbling and failing. The shop has limited climate-controlled storage for archival records. Utilizing the second floor of the shop for storage is problematic due to extreme temperature fluctuation which causes deterioration in stored items. The original plan was to save the building by lifting and pouring a new floor. After consultation with Architecture & Engineering, it was determined that the building was too old to withstand being lifted to repair the concrete flooring. Demolition of the existing shop and construction of a replacement shop is the most cost-effective solution.

This project was approved in HB5 in the 67th Legislature as a $50,000 major repair project to fix the concrete flooring of the Stillwater Unit Shop. This is a supplemental request to replace the old shop with a new one. The originally approved $50,000 will be spent on design, engineering, and assessment fees for the replacement shop.

FUNDING	
LRBP Cash	$1,214,837
TOTAL	**$1,214,837**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,093,353
Consultant Services	$121,484
TOTAL	**$1,214,837**

PRIORITY MR-42

ELEVATOR REPAIR / REPLACEMENT

UNIVERSITY OF MONTANA - WESTERN
$325,000

This project will modernize elevators in the Library and Main Hall and replace two wheelchair lifts in Main Hall.

The Library was built in 1969 and the elevator is original equipment. The Main Hall elevator was installed in the 1970s. Main Hall is home to classrooms, theaters, and offices and is on the National Register of Historical Buildings. ADA accessibility in these buildings is imperative.

The elevators and lifts have been well maintained but the age of the equipment requires additional service calls above what the standard quarterly service provides. Elevator technicians can take hours to arrive, leaving much of the building without ADA accessibility. Parts can be difficult to obtain, and the two wheelchair lifts have been out of service for over a year waiting on parts. The elevators are highest priority for replacement due to the high probability of major failure. Reconditioning and replacement of key components will ensure these elevators and lifts will provide reliable service and reduce maintenance costs.

FUNDING	
LRBP Cash	$325,000
TOTAL	**$325,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$292,500
Consultant Services	$32,500
TOTAL	**$325,000**

PRIORITY MR-43

SHOP RENOVATION & SAFETY UPGRADES

WESTERN AG RESEARCH CENTER
$600,000

This project will renovate the WARC machine shop to address life-safety concerns and improve the overall utility of space as a machine shop.

The WARC Machine Shop, built in 1935, is undersized and does not provide the clearance nor the space to store and work on equipment indoors safely. The shop's age and condition also present safety hazards. The current shop does not have an isolated welding or fabricating area.

The renovation will address immediate life-safety hazards including structural repairs, compressed air piping upgrades, and reconfiguration of space for safer use. The renovation will also address water infiltration and improve occupant working conditions.

FUNDING	
LRBP Cash	$600,000
TOTAL	**$600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$540,000
Consultant Services	$60,000
TOTAL	**$600,000**

PRIORITY MR-44

FCA BASELINE ASSESSMENTS

DEPARTMENT OF ADMINISTRATION
$1,500,000

This request would provide resources to hire consultants to conduct baseline assessments on all LRBP eligible buildings.

To reduce the increasing deferred maintenance backlog of state-owned buildings, the 65th Legislature in 2017 passed SB 43 directing the Architecture & Engineering Division to establish a Facility Condition Assessment program to evaluate building conditions, and track and address the deferred maintenance backlog over time. By using data collected by qualified assessors, the facility condition information and the associated cost of repairs can be prioritized to mitigate deferred maintenance liabilities.

Periodic facility assessments are required for every long-range building program-eligible building with a CRV greater than $150,000 which provides an itemized list of the building's deficiencies and compares the building's current building deficiency ratio (FCI) to its deficiency ratio in the previous biennium. The A&E division has set a goal of assessing each facility once every four years.

Although LRBP-eligible buildings represent only 20% of the total state vertical inventory, they comprise 42% of the total square footage in the inventory and represent over half (51%) of the State's total building infrastructure value. The current number of buildings which require a condition assessment is 504 out of a total of 1,007 LRBP-eligible buildings. Given the size of the inventory and limited number of assessors this once-every-four-years goal is only achievable if additional resources are provided.

This request would allow the Architecture & Engineering Division to hire assessors to conduct assessments on all LRBP-eligible buildings with a replacement value greater than $150,000. These assessments will be conducted using consistent methods by qualified assessors, creating a baseline assessment for comparison with future assessments. Accurate baseline assessments and an accurate statewide deferred maintenance backlog to begin making better informed decisions to address the backlog.

FUNDING	
LRBP Cash	$1,500,000
TOTAL	**$1,500,000**

ESTIMATED PROJECT COSTS	
Consultant Services	$1,500,000
TOTAL	**$1,500,000**

PRIORITY MR-45

CAMPUS EMS BUILDING CONTROLS UPGRADE

MONTANA STATE UNIVERSITY - NORTHERN
$400,000

This campus-wide project will upgrade and modernize campus existing front end Energy Management System (EMS) control packages.

The existing EMS controls are antiquated and beyond their useful lifespan. Serious issues maintaining programming causes large maintenance service costs and results in reduced efficiency and comfort. This problem is now causing significant maintenance service costs to the campus.

Upgrading older campus energy management system (EMS) controls will provide reliable building control, increase energy efficiency, reduce maintenance costs, and improve functional use and space comfort for students and staff.

FUNDING	
LRBP Cash	$400,000
TOTAL	**$400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$360,000
Consultant Services	$40,000
TOTAL	**$400,000**

PRIORITY MR-46

CAMPUS BUILDING ENVELOPE REPAIRS

UNIVERSITY OF MONTANA - WESTERN
$415,000

This project will make repairs and upgrades to 5 buildings: Main Hall, Engineer's House, Business & Technology Building and Roe House.

Main Hall
Built: 1896
Area: 88,000 square feet
Project: Repair mortar joints to rock and concrete foundations.

Engineers House
Built: 1925
Area: 1,560 square feet
Project: Replace windows and doors.

Business and Technology Building
Built: 1924
Area: 33,000 square feet
Project: Replace windows and re-roof a portion of the roof that was not replaced in 2018.

Roe House
Project: New shingle roof

FUNDING	
LRBP Cash	$415,000
TOTAL	**$415,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$375,500
Consultant Services	$41,500
TOTAL	**$415,000**

PRIORITY MR-47

REPLACE ELECTRICAL EQUIPMENT

UNIVERSITY OF MONTANA
$325,000

This project will replace a 200-amp elbow at the Anderson Hall electrical transformer with the campus standard 600-amp elbow.

Currently the UM campus medium voltage (12,470V) system has a pinch point at the Anderson Hall transformer. That transformer has 200-amp elbows on the medium voltage loop. UM campus standard is to have 600-amp elbows on the medium voltage loop. This creates a pinch point. This project will install medium voltage switch gear at Anderson Hall with 600-amp elbows on the medium voltage loop and then feed the existing transformer feeding Anderson Hall.

An electrical distribution study was completed by HDR and most of the recommendations from the study have been implemented except this item. The project will improve the ability of UM to provide power to the campus at all times.

With LRBP funding, the electrical switching problem can be fixed to campus standards and provide a safe electrical distribution system. The impediment is lack of funds.

FUNDING	
LRBP Cash	$325,000
TOTAL	**$325,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$292,500
Consultant Services	$32,500
TOTAL	**$325,000**

PRIORITY MR-48

ELECTRONICS TECH HVAC & LIGHTING UPGRADE

MONTANA STATE UNIVERSITY - NORTHERN
$800,000

This project will upgrade and recommission the heating terminal units and controls, address new energy efficient lighting and controls, and provide a DX cooling system for the Electronics Technology Building.

Built in 1968, Electronics Technology (14,577 square feet) originally provided space to teach the electronics technology and industrial technology disciplines. Mechanical and electrical improvements to this facility are now needed; as the building now provides instructional and office space for the electrical technology and civil engineering programs, as well as the National Coalition of Certification Center (NC3) for industry partners such as Snap-On Inc. and Trane Company. Furthermore, it provides classroom space for the National Academy of Railroad Sciences (NARS) Lab. Improvements are now vital to support and guaranteed success of these important industry sponsored programs.

This project will replace seriously inadequate heating terminal units, provide a cooling system to the classroom spaces, and provide energy savings with new lighting and building controls. The HVAC and lighting systems are dated and well beyond their expected useful life. Repairs and upgrades are required to improve system efficiency and reliability. This project addresses much needed improvements to the existing heating system, provides some classroom cooling for summer classes, and increased energy savings with new lighting and HVAC controls.

FUNDING	
LRBP Cash	$800,000
TOTAL	**$800,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$720,000
Consultant Services	$80,000
TOTAL	**$800,000**

PRIORITY MR-49

LAMBING BARN RENOVATION & SAFETY UPGRADES

AG EXPERIMENT STATION - RED BLUFF RANCH
$2,000,000

This project will renovate Red Bluff's Lambing Barn and address life-safety deficiencies in both the Lambing Barn and Mixing Barn.

The 10,803-acre Red Bluff Ranch is located near Norris in Madison County, Montana, along the west side of the Madison River and is used for both teaching and research. Most of this ranch is rangeland with cattle and sheep, maintained year round, as well as limited hay meadows along the valley bottoms. Elevations range from 4,600 feet to 6,200 feet above the Madison River canyon. The Red Bluff Lambing Barn (8,000 sq ft) was constructed in 1983 and provides indoor pens and working facilities for lambing and sheering. Additionally, the Mixing Barns (8,600 sq ft total) provide sheep shelter from the elements.
Both the Lambing Barn and Mixing Barns and respective site amenities have reached the condition where significant repairs and upgrades are needed to prolong the life of the facility and address safety concerns from obsolete and worn-out systems. The lambing barn needs envelope and roof repair/replacement, ventilation improvements, upgrades to the electrical system and improved access by upgrading sliding doors to overhead garage doors. The old mixing barn needs repairs to the building envelope as well, wiring upgrades, and structural repairs. The newer mixing barn needs electrical outlets and lighting as well as access to water on the south end. Degraded electrical service and issues it does present a potential fire hazard. Degraded electrical services present a potential fire hazard. All buildings will benefit from regrading to prevent water infiltration into the covered areas.

Renovations and improvements will address nearly all life-safety and deferred maintenance and provide opportunity for improved operations.

FUNDING	
LRBP Cash	$2,000,000
TOTAL	**$2,000,000**

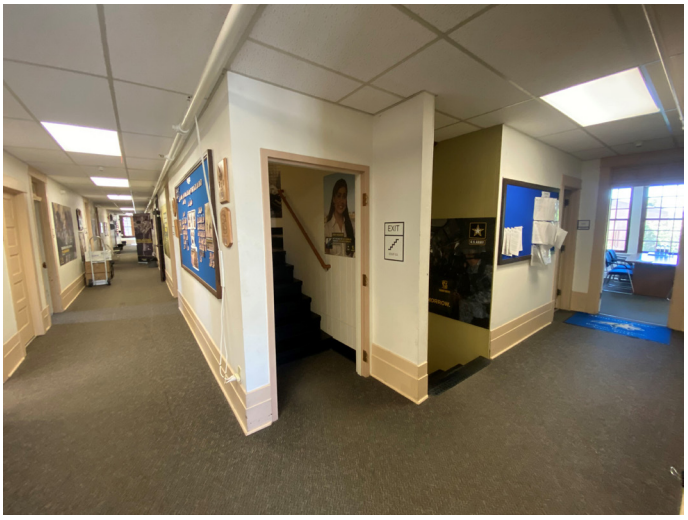
ESTIMATED PROJECT COSTS	
Construction Costs	$1,800,000
Consultant Services	$200,000
TOTAL	**$2,000,000**

PRIORITY MR-50

HAMILTON HALL LIFE LIFE-SAFETY SYSTEM IMPROVEMENTS

MONTANA STATE UNIVERSITY
$2,400,000

This project will address code and egress requirements for the upper levels of Hamilton Hall.



Hamilton Hall, constructed in 1910, is approximately 28,012 square feet in size. The first two levels of Hamilton Hall were renovated in 2009 to return the facility to good condition and preserve the historical character of the building. The upper levels remain untouched and in need of renovations. Hamilton Hall is currently made up of office and computer lab spaces which are used by Gallatin College Academic Support, Developmental Math, Interior Design, Developmental Humanities, and the Military Science Army (ROTC).

The upper levels of Hamilton Hall are in poor condition and need renovations to retire life-safety, code and deferred maintenance issues. Changing stairwell configurations and extending the fire suppression system, serving the upper levels of Hamilton Hall, will improve health and life-safety of building occupants.

FUNDING	
LRBP Cash	$2,400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-51

PERSHING HALL RENOVATION

MONTANA STATE UNIVERSITY - NORTHERN
$2,400,000

This project will repair/replace selected mechanical and electrical systems and renovate interior instructional and building support spaces, and add an elevator.

Pershing Hall, constructed in 1933, is 14,360 square feet and provides instructional space for art, music, and graphic design programs. It occupies the center of the campus, and with the adjacent Donaldson Hall, forms the historic core of MSU-Northern. Pershing Hall is a dated facility with systems that are well beyond their expected useful life, and the building is not up current codes.

Renovations are required to retire deferred maintenance, modernize instructional spaces, and address building code deficiencies.

FUNDING	
LRBP Cash	$2,400,000
TOTAL	**$2,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,160,000
Consultant Services	$240,000
TOTAL	**$2,400,000**

PRIORITY MR-52

METALS TECHNOLOGY BUILDING ROOF PROJECT

MONTANA STATE UNIVERSITY - NORTHERN
$400,000

This project will replace the roof membrane, which is beyond its useful lifespan, improve roof structure new support components, and provide new insulation for energy savings.

The Metals Technology Building was constructed in 1944 and is approximately 11,211 square feet. Lack of adequate attic insulation results in poor energy efficiency and increased utility costs. Roof truss support structures are showing signs of lateral stress. The roof membrane has blistering, wrinkles, and differential shrinkage which is causing leaking around the roof drains and flashing.

This project will resolve structural issues, improve energy efficiency and user comfort, and prevent further water penetration and damage inside the building.

FUNDING	
LRBP Cash	$400,000
TOTAL	**$400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$360,000
Consultant Services	$40,000
TOTAL	**$400,000**

PRIORITY MR-53

BART DEMOLITION PROJECT

BOZEMAN AG RESEARCH AND TEACHING FARM
$450,000

This project will demolish the BART Feed Mill and Hay Sheds which are currently not in use due to physical conditions that present life-safety concerns.

The BART Farm Feed Mill was constructed in 1975 and has sat vacant for the last decade due to its physical condition and is no longer producing grain. The feed mill is made up of an enclosed building (2,750 sq ft), auger, elevators, machinery, bins, and other equipment. The BART Farm once used the feed mill to produce their own grain mixtures on site for first calf heifers. It has long outlived its useful life and the physical condition presents a major safety hazard at the BART Farm.

The BART Farm Hay Shed Building #455 is also no longer in use due to its physical condition and will be demolished. In addition, structural deficiencies in Hay Shed Building #456 will be addressed to remedy immediate life-safety concerns. If not addressed, common conditions like high winds or snow loads could cause the buildings to collapse.

FUNDING	
LRBP Cash	$450,000
TOTAL	**$450,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$405,000
Consultant Services	$45,000
TOTAL	**$450,000**

PRIORITY MR-54

GALLATIN RC & FMS HVAC CONTROLS REPAIRS

DEPARTMENT OF MILITARY AFFAIRS
$1,282,988

This project will upgrade, recalibrate, or replace Heating, Ventilation, and Air Conditioning (HVAC) systems in the Gallatin Readiness Center and the Belgrade Field Maintenance Shop.

The Gallatin Readiness Center is a 52,083 square-foot facility constructed in 2003. The Field Maintenance Shop is a 9,900 square-foot facility constructed in 1989. Both facilities are in Belgrade. The Readiness Center provides Army Reserve administrative operations, unit training, materials storage, recruiting services, military social functions, and shelter during emergencies or natural disaster. The Field Maintenance Shop provides field-level maintenance on vehicle, engineering, artillery, communications, electronics, small arms, and other equipment. Personnel in the Field Maintenance Shop also perform preventative maintenance, inspect military equipment, and conduct maintenance training for unit personnel.

This project will repair deficiencies identified in a retro-commissioning study completed in 2022. It is estimated that the Gallatin RC is operating at 75% efficiency due to old equipment, poor control operation, and improper airflow distribution which contributes to poor indoor air quality. Many of the air and hydronic heating distribution systems for these facilities are original to the building, are between 20 to 30 years old, and are nearing the end of their mechanical life. System failures reported in a retro-commissioning study include:

- Domestic hot water recirculation pump not functioning, creating a scalding risk
- Inoperable vacuum pump
- Failing fan bearing, resulting in motor not operating
- Rooms not being cooled by air conditioning system

A Facility Condition Assessment rated the MEP systems in both buildings at 74, a rating which indicates a need for repair and replacement for the HVAC system. The rating for components to be replaced in this project is 46. This rating indicates immediate replacement is needed.

This project will replace multiple air handling units with hot water heating coils and direct expansion or chilled water-cooling coils, exhaust fans, domestic hot water heaters, and terminal units, which regulate the volume of conditioned primary air or heat to an occupied space. Energy improvements are anticipated to save an estimated $7,500 per year. The new systems will reduce maintenance costs and improve temperature control and ventilation.

FUNDING	
LRBP Cash	$320,747
Federal Special Revenue	$962,241
TOTAL	**$1,282,988**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,154,690
Consultant Services	$128,298
TOTAL	**$1,282,988**

PRIORITY MR-55

HAFRC LIGHTING & CONTROL MODIFICATIONS

DEPARTMENT OF MILITARY AFFAIRS
$351,715

This project will replace outdated lighting at Fort Harrison's Helena Armed Forces Reserve Center with energy-efficient LED fixtures and upgrade, recalibrate, or replace Heating, Ventilation, and Air Conditioning systems to increase indoor air quality and comfort and promote efficient operation.

The Helena Armed Forces Readiness Center is the largest facility at Fort Harrison at 192,890 square feet. This facility hosts several state and federal agencies, including Disaster and Emergency Services, U.S. Army Reserve, Army National Guard, Veteran's Services, State Highway Patrol dispatch, and the Department of Military Affairs Director's Office.

Most of the existing interior lighting in the facility is 32-watt fluorescent lamps with electronic ballasts. The air distribution systems for this facility are not operating at optimized levels, so there is poor indoor air quality and poor thermal comfort.

With advances in LED technology, the same lumen output for the existing fluorescent lighting at the HAFRC can be accomplished with less than half the energy. This project will replace almost 4600 lamps with new LED lamps utilizing the existing fixture and removing the electronic ballasts. Additionally, this project will evaluate the existing air distribution systems for both quantity and quality. An air balance will be performed for areas that need adjustments and the digital control operation of the air distribution systems will be modified to provide better indoor air quality control and energy efficient strategies, such as discharge air reset and duct static reset.

FUNDING	
LRBP Cash	$26,768
Federal Special Revenue	$324,947
TOTAL	**$351,715**

ESTIMATED PROJECT COSTS	
Construction Costs	$316,540
Consultant Services	$35,175
TOTAL	**$351,715**

PRIORITY MR-56

ART INSTRUCTION RENOVATION

HELENA COLLEGE
$162,500

This project will renovate an unused building to be used for the art instruction program.

This 1,500 square foot modular home was built in the late 1970's and set on a basement foundation. Helena College purchased the property about 10 years ago to use as a rental property, but it is currently vacant and uninhabitable. The cost to restore the building as a residential rental is cost prohibitive.

By changing the occupancy and renovating the building to accommodate the art instruction function, Helena College will be able to utilize the building as instructional space and free up space in the Donaldson Building for other programs.

FUNDING	
LRBP Cash	$162,500
TOTAL	**$162,500**

ESTIMATED PROJECT COSTS	
Construction Costs	$146,250
Consultant Services	$16,250
TOTAL	**$162,500**

PRIORITY MR-57

SMART DEFERRED MAINTENANCE PROGRAM

DEPARTMENT OF MILITARY AFFAIRS
$1,500,000

To implement the State of Montana Armory Revitalization Target (SMART) state funds are required. SMART is a 10-year, $30,000,000 program designed to use state funds to leverage and maximize federal funding to revitalize Montana's armories and address deferred maintenance of MTARNG facilities. The state share of the SMART is only 25% while the federal share is 75%. State and federal funding cycles and appropriation types do not align. This prohibits DMA from obligating state funds to leverage and obtain federal funds that are made available to the state.

The Department of Military Affairs (DMA) has a commitment to serve our Montana communities. The mission: "The Department of Military Affairs strengthens Montana through our collective readiness to defend against threats, increasing resilience, and engaged citizenship". Led by the Department Director, Adjutant General for the Montana National Guard, the presents of Montana National Guard is a reminder that as public employees, we are here to serve the citizens of Montana.

DMA has over 220 state employees and six divisions: The Montana National Guard (MTNG) is a community-based body that consists of over 3,700 Citizen-Soldiers and Airmen attached to units in over 20 Montana communities. MTNG consists of two branches, the Montana Army National Guard (MTARNG) and the Montana Air National Guard (MTANG). Since 2001, more than 4,000 Montana Citizen Soldiers have deployed in support of every major overseas contingency operation. In 2021, approximately 530 Soldiers were deployed overseas. On the home front, MTARNG members were activated to support COVID-19 response operations in 15 communities statewide as well as the 2021 fire season. Montana National Guard supported emergency rescue services in eastern Montana with two Chinook and four Blackhawk helicopters and rescued 88 people.

The MTARNG mission requires numerous types of facilities. Many facilities are 100% federally constructed and funded. State-owned buildings with a primary focus on unit readiness and training require a 25 - 50% state cost share. The inability to have state funding available to leverage federal funds has resulted in federal funding, when available, being directed toward improvements and upkeep of federal buildings in the state while state share facilities continue to degrade. Authorization to fund this program will allow DMA to have access to state funding in advance of federal funds becoming available. These state funds will enable DMA to leverage and obtain federal funding to address deferred maintenance of MTARNG facilities.

FUNDING	
LRBP Cash	$1,500,000
TOTAL	**$1,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,350,000
Consultant Services	$150,000
TOTAL	**$1,500,000**

PRIORITY MR-58

BOULDER CAMPUS DORM RENOVATIONS

MONTANA HIGHWAY PATROL
$250,000

This project will replace windows and doors and convert former nurses' stations into bedrooms or common area in six dormitory buildings, which will be used to house Montana Highway Patrol cadets.

In April 2021, Governor Gianforte issued Executive Order 6-2021, transferring administrative control of unused portions of the Montana Developmental Center campus to the Department of Justice for use by the Highway Patrol for its headquarters and training facility needs. The DOJ is now responsible for all maintenance and repair of the properties. Since relocating the Montana Highway Patrol's Helena Headquarters to the former Montana Developmental Center in Boulder, the Department of Justice and MHP have begun adapting the facility for their needs and evaluating the condition of the buildings.

There are 6 dorms on the campus that were built to house developmentally disabled patients. No major updates have been made to these dorms since they were built more than 30 years ago. The floors are uneven and cracked in some places. There are at least one or two rooms in each dorm that are currently set up as nurses' stations and unusable as a bedroom or common area.

This project will replace all exterior doors and selectively replace damaged window units. Rooms that were used as nurses' station will be converted to bedrooms or common areas. These upgrades will make the buildings more energy efficient and maximize usable space to increase housing capacity for MHP cadets.

FUNDING	
LRBP Cash	$250,000
TOTAL	**$250,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$225,000
Consultant Services	$25,000
TOTAL	**$250,000**

PRIORITY DMA MR-01

AVIATION SUPPORT FACILITY ENERGY IMPROVEMENTS

DEPARTMENT OF MILITARY AFFAIRS
$1,067,500

This project will upgrade or replace Heating, Ventilation, and Air Conditioning components in the Helena Army Aviation Support Facility to reduce building energy demand and to improve and maintain indoor air quality and thermal comfort.

The Army Aviation Support Facility (AASF) is a 114,697-square-foot facility located adjacent to the Helena Airport; it was constructed in 1996. The AASF mission is to provide support for all ground and air operations, maintenance, and use of Army Aviation Assets within the Montana Army National Guard. It also serves as the Emergency Operations Center during a critical mission event.

The AASF is a critical facility, yet it operates inefficiently. The goal of this project is to reduce energy demand and properly size required resiliency systems. The AASF uses over 850,000 kilowatt hours and 6,000 dekatherms (natural gas). The Energy Use Intensity for this facility is around 90 kBTU/SF but should be closer to 70 kBTU/SF.

This project will look at all existing air distribution systems for both quantity and quality. An air balance will be performed for areas that need adjustments and the digital control operation of the air distribution systems will be modified to provide better indoor air quality control and energy efficient strategies, such as discharge air reset and duct static reset. Additional control components will be added to improve and maintain indoor air quality and thermal comfort. Occupancy sensors will be added to place systems in standby mode when unoccupied during occupied hours. Additionally, this project will replace hangar infrared units with new, more efficient infrared heaters.

FUNDING	
Federal Special Revenue	$1,067,500
TOTAL	**$1,067,500**

ESTIMATED PROJECT COSTS	
Construction Costs	$960,750
Consultant Services	$106,750
TOTAL	**$1,067,500**

PRIORITY DMA MR-02

BUILDING 1005 EXPANSION & COMPOUND UPGRADES

DEPARTMENT OF MILITARY AFFAIRS
$713,700

This project will increase hard surface and covered space for staging explosives and ammunition at Ft Harrison Building 1005 prior to training exercises.

Building 1005 is located on the Ft Harrison firing range and supports explosive training operations. It stores all ammunition and explosive ordinances prior to pick up by troops for firing range training exercises at Ft Harrison and Limestone Hills, On training days, ammunition and explosives move from the building and staged in four Conex containers within the compound interior to facilitate trainee pick up of items. Additionally, Building 1005 stores all unused live munitions, serviceable (reusable) munitions, and residue materials (expended smoke/grenade bodies, bullet shell brass) returned by trainees after firing exercises from both firing range sites. The Ft Harrison range was in use each day in 2021, and the Limestone Hills Training Area hosts approximately 230 training days within a calendar year.

The size of the compound allows for only four Conex storage containers to stage training munitions. Interior wintertime compound space is reduced further when plowed snow is pushed up to the fences. In snowy conditions, slipping and falling in the uncovered compound while transferring explosives and munitions is more likely to occur. When munition amounts exceed Conex and available covered storage space, two personnel must be commissioned to sit with the munitions around the clock until training occurs. The configuration of the compound is not in compliance with Anti-Terrorism/Force Protection regulations.

This project will expand the fence line 20 feet in every direction and install a new 6-foot chain link fence with barbed wire top. Gravel road mix will be emplaced from new fence perimeters on the west and south sides level with the existing concrete pad. The existing roof overhang will be extended to the west 30 feet to cover the concrete pad, creating an open-air, paved staging area required to allow operations during winter months. Remaining funds will be used to expand the building roofline to the west to connect with overhang extension, creating a larger open-air covered munitions storage area.

Increasing the compound's yard size with overhang and roofline extensions will create a safer staging and pickup operation, particularly when snow and ice are present. Effectively reducing potential for slips, trips, and falls accidents renders the level of need for this project as high. Upgrades will save money by eliminating need for personnel to monitor munitions that could not be stored in the compound interior. A larger compound will enable the facility to service more units at one time by adding more outdoor and covered, open-air staging space.

FUNDING	
Federal Special Revenue	$713,700
TOTAL	**$713,700**

ESTIMATED PROJECT COSTS	
Construction Costs	$642,330
Consultant Services	$71,370
TOTAL	**$713,700**

PRIORITY DMA MR-03

BUILDING 530 COMPOUND IMPROVEMENTS

DEPARTMENT OF MILITARY AFFAIRS
$526,125

This project will increase hard-surface area of the Fort Harrison Post Engineer's compound, resulting in increased utilization of compound area, eliminating pooling water and muddy conditions, and eliminating gravel and mud inside shop, vehicle, and office buildings and consequential damage.

The Fort Harrison Building 530 Compound serves the Montana Army National Guard's Post Engineers division. The Post Engineers maintain Fort Harrison, as well as outlying Army National Guard facilities throughout Montana, buildings and grounds and consist of a carpenter, painter, groundskeeper, equipment operator, locksmith, and irrigator within the construction trades unit. The mechanical maintenance unit is made up of HVAC technicians, electricians, and a plumber.

The 3,277-square-yard compound's current configuration and surface material causes drainage issues. Fluctuating winter temperatures has increased freeze-thaw occurrences, creating wet surface conditions throughout the compound. Compound edge grade falls off in the east, north, and west corners and along the north edge boundary. Thirty-four percent of gently sloping compound space is suitable only to store pull-behind trailers and reusable materials & equipment. Lastly, work trucks are parked in 47 percent of remaining compound area, and particularly during wet conditions, workers track mud and gravel into their vehicles, other Fort facilities, Post Engineer shop areas, and the office facility causing damage to interior flooring and eliminating ability to keep a clean office environment. Minimizing the amount of janitor duties, the Post Engineers undertake to maintain a safe shop results in more man hours available to maintain facilities and equipment at Fort Harrison.

This project will construct a 268-foot-long, 8-foot-tall retaining wall to enable leveling of the Post Engineer compound. This will require 1,125 square yards of fill, reinstalling the existing fence on top of the retaining wall, paving 2,972 square yards of gravel compound, and increasing the grade of the driveway from west to east. A 70-foot drain will be installed to facilitate drainage and reduce runoff. The project will increase usable compound space, increase safety by eliminating gravel material on shop and office building interior walkways, minimize standing water, and reduce costs of tracking mud and gravel into Fort buildings and vehicles.

FUNDING	
Federal Special Revenue	$526,125
TOTAL	**$526,125**

ESTIMATED PROJECT COSTS	
Construction Costs	$473,513
Consultant Services	$52,612
TOTAL	**$526,125**

PRIORITY DMA MR-04

CREW PROFICIENCY COURSE TOWER IMPROVEMENTS

DEPARTMENT OF MILITARY AFFAIRS
$396,934

This project will electrify, improve, and relocate a tower from its current location on the Fort Harrison secure firing range to better support Crew Proficiency Course training scoring.

The Crew Proficiency Course (CPC) Tower initially served Fort Harrison M-16 firing range operations before its relocation to serve the Fort's Military Operations in Urban Terrain training site. From this second location, the tower is now used to monitor activities at the CPC, a non-live-fire driving training course for tanks and Bradley fighting vehicles with flip-up targets, some the size of enemy tanks. The two-story tower has I-beam construction and measures an approximate 30 feet in height by 12 feet width and depth.

In its current physical location, the tower is poorly aligned with the CPC, reducing attendants' effectiveness in monitoring/grading course participant performance. Portions of the course cannot be seen from the tower at all. The tower is not electrified, insulated from cold, or equipped with air conditioning in summer. Increased operations tempo resulting from the Army National Guard's adaptation of Objective-T requirements, a standardized training assessment methodology with objective unit assessment procedures applied across the Army, has resulted in considerable additional usage of the range. Units now regularly train on the range at night, during the winter months, and in inclement weather. The CPC was used 10 times in 2021, despite deployment of the 1-163rd Alpha Company of the Montana National Guard in early November 2021. The proposed facility improvements are necessary to safely support this increased usage and attendant requirements when using the range under less-than-optimal conditions.

This project will relocate the tower to create optimal line of site for attendants to view/monitor CPC training activities. Upgrades will include window replacement, insulating and finishing both first and second floors, electrical wiring, installing baseboard heat and air conditioning, colored lighting to denote range hot/live operations, creating a parking lot with site lighting, and mounting and wiring of a Forward Looking Infrared (FLIR) camera. The FLIR camera will detect successful target engagement, increasing the accuracy of trainee scoring and overall utility of the tower. Creation of an after-action review room will enable onsite observation attendant review of performance with training crews. A classroom one-quarter a mile away is currently used for this purpose.

FUNDING	
Federal Special Revenue	$396,934
TOTAL	**$396,934**

ESTIMATED PROJECT COSTS	
Construction Costs	$357,240
Consultant Services	$39,694
TOTAL	**$396,934**

PRIORITY DMA MR-05

ENERGY IMPROVEMENTS & GENERATOR BACKUP

DEPARTMENT OF MILITARY AFFAIRS
$320,250

This project will improve work area visibility in the Belgrade Facility Maintenance Shop (FMS) by replacing outdated lighting with energy-efficient LED fixtures and ensure facility resiliency through installation of a backup generator.

The Belgrade Facility Maintenance Shop (FMS) is a 9,900-square-foot facility constructed in 1989. The FMS provides field-level maintenance on vehicle, engineering, artillery, communications, electronics, small arms and other equipment. Personnel in the Field Maintenance Shop also perform preventative maintenance, inspect military equipment, and conduct maintenance training for unit personnel.

Because the Belgrade FMS is critical for vehicle and equipment maintenance, light quality is important. Currently there is a mixture of Fluorescent, HID, and LED lights within the facility. In addition, the existing LED fixtures utilize an electronic ballast for power and are difficult to access in the high bays. A second issue is the domestic hot water system has varying temperature needs, and a safety issue exists with potential scalding of personnel. The final issue with this building is the lack of backup electrical power during outages. Resiliency is essential to the Montana Army National Guard; this facility requires an electrical generator to maintain mission operations during electrical outages.

This project will upgrade the facility to LED lamps, solely. Fixtures will be reused and replaced only as necessary. All electronic ballasts will be removed to lower the amount of maintenance necessary. Light levels will be measured and improved as necessary to satisfy requirements. The domestic hot water system will be analyzed and separated from high temperature requirements. Lastly, a new natural gas electrical generator will be installed for resiliency.

FUNDING	
Federal Special Revenue	$320,250
TOTAL	**$320,250**

ESTIMATED PROJECT COSTS	
Construction Costs	$288,225
Consultant Services	$32,025
TOTAL	**$320,250**

PRIORITY DMA MR-06

FACILITY LED LIGHTING RETROFIT

DEPARTMENT OF MILITARY AFFAIRS
$238,816

This project will improve work area visibility by replacing outdated lighting with energy-efficient LED fixtures at the Billings Field Maintenance Shop.

The Billings Facility Maintenance Shop (FMS) is a 12,437-square-foot facility constructed in 1987. The FMS provides field-level maintenance on vehicle, engineering, artillery, communications, electronics, small arms and other equipment. Personnel in the Field Maintenance Shop also perform preventative maintenance, inspect military equipment, and conduct maintenance training for unit personnel.

Because the Billings FMS is critical for vehicle and equipment maintenance, light quality is important. Currently, a mixture of Fluorescent T8s, T5s, and LED light the facility. The LED fixtures utilize an electronic ballast for power and are difficult to access in the high bays.

This project will upgrade the facility to LED lamps, solely. Fixtures will be reused and replaced only as necessary. All electronic ballasts will be removed to lower the amount of required maintenance. Light levels will be measured and improved as necessary to satisfy requirements.

FUNDING	
Federal Special Revenue	$238,816
TOTAL	**$238,816**

ESTIMATED PROJECT COSTS	
Construction Costs	$214,934
Consultant Services	$23,882
TOTAL	**$238,816**

PRIORITY DMA MR-07

FORT HARRISON LIGHTING UPGRADES

DEPARTMENT OF MILITARY AFFAIRS
$564,250

This project will provide cost savings by replacing outdated lighting with energy-efficient LED fixtures to Fort Harrison Buildings 1001, 1003, 1011, and 1017.

Fort Harrison is a Montana Army National Guard campus just west of Helena established in May 1892. The mission of the Montana Army National Guard is to build maintain, train, and equip guard personnel to perform domestic and abroad operations in a joint, interagency environment. The campus is also the home of the Department of Military Affairs which constructs and maintains the facilities used for command and training.

The Montana Army National Guard has determined that Buildings 1001, 1003, 1011, and 1017 are critical mission facilities. The adopted Installation Energy and Water Plans call for reducing energy demand in critical facilities. Most of the existing interior lighting in these buildings are 32-watt fluorescent lamps with electronic ballasts, and some exterior lighting consists of metal halide lamps. This existing lighting and electronic ballasts for fixtures is aged and needs replaced. Additionally, inefficient operation of mechanical systems exists; implementing room occupancy control would reduce wasteful energy use.

With advances in LED technology, the same lumen output for the existing fluorescent lighting at these buildings can be accomplished with less than half the energy. This project will replace all existing fluorescent, HID, and incandescent lighting to LED. Fixtures will be reused and replaced only as necessary. All electronic ballasts will be removed to lower the amount of necessary maintenance. Light levels will be measured and improved as necessary to satisfy requirements. Occupancy sensors will be installed to allow for areas to be setback on temperature and airflow when unoccupied during occupied hours.

FUNDING	
Federal Special Revenue	$564,250
TOTAL	**$564,250**

ESTIMATED PROJECT COSTS	
Construction Costs	$507,825
Consultant Services	$56,425
TOTAL	**$564,250**

PRIORITY DMA MR-08

MAINTENANCE SHOP HVAC & CONTROLS UPGRADE

DEPARTMENT OF MILITARY AFFAIRS

$1,486,733

This project will upgrade, recalibrate, or replace Heating, Ventilation, and Air Conditioning (HVAC) systems in the Fort Harrison Combined Support Maintenance Shop to increase indoor air quality and provide more efficient HVAC operations.
The Combined Support Maintenance Shop (CSMS) is a 32,912-square-foot facility constructed in 1987 located at Fort Harrison. The CSMS provides maintenance and training support for ground, communication, small arms, and artillery equipment in the Army National guard to support traditional guard members and maintain unit readiness.
Many of the air and hydronic (circulating water) heating distribution systems for this facility are original to the building; they are over 35 years old and at or nearing the end of their mechanical life. This aging equipment is operating poorly and inefficiently; as equipment ages, controls and air distribution go out of calibration and components begin to fail.

The BUILDER (facility assessment software) rating for condition of the mechanical, electrical, and plumbing items in the building is 57 of 100. The mechanical, electrical, and plumbing systems we are looking to replace or upgrade scored at a 49. Both of these ratings are a red rating which indicates immediate replacement is necessary.

The proposed project will replace the air distribution and heating hot water systems installed with the 1987 construction project as well as other equipment that has been replaced/repaired but also at/near the end of the mechanical life. This will include multiple air handling systems with hot water heating coils and DX cooling coils, exhaust fans, domestic hot water heaters, boilers, and terminal units, which regulate the volume of conditioned primary air or heat to an occupied space. This project will utilize designs and technology that will improve energy efficiency and ultimately require less maintenance. The design will include new equipment to improve the temperature control system and building ventilation.

Temperature control components associated with the air distribution and heating water systems will be replaced and energy saving control strategies implemented, including discharge air control, duct static pressure control, and heating water reset. For equipment not at the end of its mechanical life, this proposed project will recalibrate and upgrade existing controls and rebalance the air and water systems.

FUNDING	
Federal Special Revenue	$1,486,733
TOTAL	**$1,486,733**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,338,060
Consultant Services	$148,673
TOTAL	**$1,486,733**

PRIORITY DMA MR-09

TRAINING EQUIPMENT SITE RETRO-COMMISSIONING

DEPARTMENT OF MILITARY AFFAIRS
$569,969

This project will upgrade, recalibrate, or replace Heating, Ventilation, and Air Conditioning (HVAC) systems in the Fort Harrison Unit Training Equipment Site to increase indoor air quality and provide more efficient HVAC operations.

The Unit Training and Equipment Site (UTES) is a 14,077-square-foot facility constructed in 1984 located at Fort Harrison. The UTES assumes responsibility of, issues, and maintains Montana National Guard equipment to provide field maintenance and training support for ground communication and weapons to ensure unit readiness.

Many of the air and hydronic heating distribution systems for this facility are original to the building; they are almost 40 years old and at, nearing, or past the end of their mechanical life. This aging equipment is operating poorly and inefficiently; as equipment ages, controls and air distribution go out of calibration and components begin to fail.

The BUILDER (facility assessment software) rating for condition of the mechanical, electrical, and plumbing items in the building is 55 – a red rating, which indicates a need for near-future repair and replacement of the HVAC. The BUILDER rating for the components we intend to replace in this project is 27. This is a red rating which indicates immediate replacement is needed.

The proposed project will replace the air distribution and heating hot water systems installed with the 1984 construction project as well as other equipment that has been replaced/repaired but also at/near the end of the mechanical life. This will include multiple air handling systems with hot water heating coils and DX cooling coils, exhaust fans, domestic hot water heaters, boilers, and terminal units. This project will utilize designs and technology that will improve energy efficiency and ultimately require less maintenance. The design will include equipment that will improve the temperature control system and ventilation.

Temperature control components associated with the air distribution and heating water systems will be replaced and energy saving control strategies implemented, including discharge air temperature control and heating water reset. For equipment not at the end of its mechanical life, this proposed project will recalibrate and upgrade existing controls and rebalance the air and water systems.

FUNDING	
Federal Special Revenue	$569,969
TOTAL	**$569,969**

ESTIMATED PROJECT COSTS	
Construction Costs	$512,972
Consultant Services	$56,997
TOTAL	**$569,969**

PRIORITY DOA MR-01

BOILER & CHILLER REPLACEMENT WALT SULLIVAN BUILDING

DEPARTMENT OF ADMINISTRATION
$473,707

This project will upgrade the heating system, converting the boiler to a high efficiency hot water boiler in the original building and upgrade the chiller in the 1975 addition to the Walt Sullivan Building.

Built in 1959 with an addition in 1975, the Walt Sullivan building is a 51,2352 square foot office building.

The boiler is over 60 years old and experiences frequent failures. It is original to the building and is undersized due to the 1975 addition. The east side of building has an old boiler and newer chiller along with a 2-pipe system. This causes only heating or cooling and cannot have both at the same time. Floors 1 through 4 are heated by a steam to water heat exchanger but the basement is still on failing steam coils.

The chiller serving the 1975 addition is original to the building and operates using R-22 refrigerant. As of January 1, 2020, the U.S. Environmental Protection Agency (EPA) banned the production

or importing of R22 refrigerant and the R22 refrigerant has become prohibitively more expensive.

This project will replace steam piping and steam heating coils serving the basement of the original building. The original steam boiler will be replaced with a high efficiency, condensing, hot water boiler allowing the complete elimination of steam from the building. In the 1975 addition, the chiller and associated cooling tower will be replaced.

FUNDING	
State Special Revenue	$473,707
TOTAL	**$473,707**

ESTIMATED PROJECT COSTS	
Construction Costs	$426,336
Consultant Services	$47,371
TOTAL	**$473,707**

PRIORITY DOA MR-02

ELEVATOR MODIFICATIONS COGSWELL BUILDING

DEPARTMENT OF ADMINISTRATION
$768,757

This project will make major repairs, modifications, and upgrades to the elevators in the Cogswell Building.

Built in 1955 with an addition in 1981, the Cogswell Building is a 108,868 square foot office and laboratory building.

The Cogswell building has two traction elevators that serve four floors installed in 1955. The elevators utilize old-style relay controllers, flyball governors, and original door operators. Neither elevator has received major upgrades since the initial installation and are out of compliance with the state elevator code. These elevators experience frequent down time and reliability issues.

This project will modernize the elevators with installation of fire service recall, door restrictors, additional lighting, and the replacement of the machines and motors and will bring the elevators into compliance with existing code.

FUNDING	
State Special Revenue	$768,757
TOTAL	**$768,757**

ESTIMATED PROJECT COSTS	
Construction Costs	$691,881
Consultant Services	$76,876
TOTAL	**$768,757**

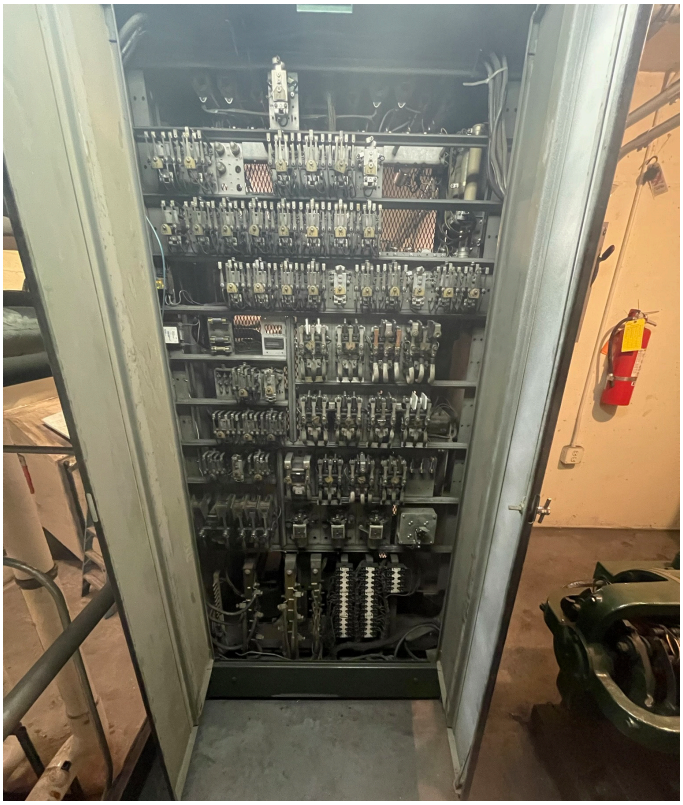
PRIORITY DOA MR-03

ELEVATOR MODIFICATIONS WALT SULLIVAN BUILDING

DEPARTMENT OF ADMINISTRATION
$379,763

This project will include major repairs, modifications, and upgrades to the elevators in the Walt Sullivan Building.

Built in 1959 with an addition in 1975, the Walt Sullivan building is a 51,2352 square foot office building served by two traction elevators with travels of five floors each. The west elevator was upgraded in 2018. The east elevator was installed in 1960 and utilizes the original equipment.



Existing elevators currently experience frequent down time and reliability issues. Continued problems and repairs result in higher-than-normal service costs and create accessibility barriers for staff and visitors.

The elevators utilize old-style relays, generators, motors, mechanical hall position indicators and mechanical door operators. Car handrails are not ADA compliant and floor passing signals or directional gongs are nonexistent. Additionally, the machine room has rails that do not extend completely around to enclose the machine room.

A complete modernization of the east elevator through major repairs, modifications and upgrades in the Walt Sullivan Building will bring the elevator into compliance with existing code.

This project will replace the mechanical components with modern technology, relocate the car handrails to achieve ADA compliance, install fire service recall, door restrictors, additional lighting, and replace the machines and motors. Railing will be replaced with a wall to completely enclose the machine room.

FUNDING	
State Special Revenue	$379,763
TOTAL	**$379,763**

ESTIMATED PROJECT COSTS	
Construction Costs	$341,787
Consultant Services	$37,976
TOTAL	**$379,763**

PRIORITY DOA MR-04

ROOF & MECHANICAL - DPHHS 111 N SANDERS

DEPARTMENT OF ADMINISTRATION
$1,309,099

This project will replace the existing roof and upgrade the mechanical systems at 111 North Sanders in Helena.

Built in 1975, 111 N Sanders is a 48,682 square foot office building occupied by the Dept. of Health & Human Services. The cooling/condensing units were installed in 1990 as part of a HVAC/Energy Upgrade.

Roof leaks have caused ceiling stains and mildew. Inspections have revealed corrosion on structural components and delaminating of plywood decking. Saturated insulation has significantly reduced energy efficiency. Originally due for a re-roof in 2000, an acrylic top coating was chosen to extend the roof life. The roof can no longer be effectively repaired and is at risk of a major failure that could further damage the building structure and contents.

The 2 cooling/condensing units were installed in 1990 and operating at half cooling capacity due to failed compressors. The two units sized at 60 tons and 25 tons are at the end of their life and replacement parts are no longer manufactured. In addition, the cooling systems use R-22 refrigerant that is no longer produced as of 2020. R-22 has been phased out by the EPA has become prohibitively expensive.

This project will remove abandoned HVAC equipment, replace damaged roof decking, install new roof insulation and a new roof membrane. Mechanical equipment, vents, drains and hatches will be reconfigured to allow for the additional thickness of insulation. Two, high efficiency cooling/condensing units and associated piping and pumps will be installed along with new controls and airside equipment.

FUNDING	
State Special Revenue	$1,309,099
TOTAL	**$1,309,099**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,178,189
Consultant Services	$130,910
TOTAL	**$1,309,099**

PRIORITY DOA MR-05

ROOF REPLACEMENT - FWP HEADQUARTERS

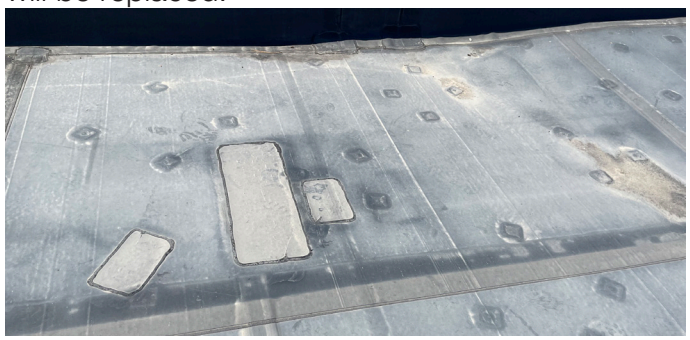
DEPARTMENT OF ADMINISTRATION
$289,695

This project will replace the existing 9,000 square foot roof at the FWP Headquarters.

Built in 1975, the FWP Headquarters building is 22,966 square feet and is used as office space.

Extensive ice and hail damage has resulted in the upper copper roof no longer being weather tight. Ice and snow guards, damaged by hail, now allow icicles to form along the upper roof. Copper repairs are extremely costly and potentially cause additional damage to the lower EPDM membrane from solder welding. Years of penetrations and patches have trapped a significant amount of moisture within the lower roof assembly. Adjacent to the upper copper roof, the lower roof area of approximately 400 square feet requires complete removal and replacement to mitigate any further moisture damage through the roof assembly. Further delay in re-roofing this facility will potentially cause future damage to other components of the building such as ceilings, flooring, electrical, finishes, etc. and significant expenditures to correct further damage.

This project will replace the existing upper copper roof with new pre-finished standing seam metal, improve insulation below the roof to encourage uniform thawing and install new ice and snow guards. The skylight adjacent to upper roof will be removed and the slope below the upper roof will be modified to encourage proper drainage. In addition, 400 square feet of the lower roof area will be replaced.



FUNDING	
State Special Revenue	$289,695
TOTAL	**$289,695**

ESTIMATED PROJECT COSTS	
Construction Costs	$260,725
Consultant Services	$28,970
TOTAL	**$289,695**

PRIORITY MUS AO MR-01

COSMETOLOGY PROGRAM RENOVATION

HELENA COLLEGE
$2,495,000

To provide an opportunity for students to have a public educational opportunity in Montana, Helena College seeks approval to complete the planning, design, and construction to convert the Fire Bay (DON 105) at the Donaldson Campus to a Cosmetology salon and classroom area.

The project will remodel space currently designed and equipped to support the Fire/Rescue program. Remodel of the space will provide classrooms, faculty workspace, and a salon space that will serve as practical instructional space for the cosmetology program.

The renovation will:

- Upgrade the electrical system with a dedicated sub-panel to provide power to workstations, administrative support, and a new ADA lift.
- Reconfigure plumbing to service the workstations with both supply water, drains, and venting.
- Remove the overhead door to create an additional entrance which will serve as a store front for the salon.
- Update the HVAC to provide adequate exhaust and supply air.

- Level the existing concrete floor as it is currently sloped to a slot drain.
- Finish two mezzanine areas and add catwalk to connect them.

FUNDING	
Authority	$2,495,000
TOTAL	**$2,495,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,245,500
Consultant Services	$249,500
TOTAL	**$2,495,000**

PRIORITY DOC AO MR-02

FOOD FACTORY EMERGENCY GENERATOR

MONTANA CORRECTIONAL ENTERPRISES
$100,000

This project will install an emergency generator in the new addition to the food factory.

A new addition was added to the Food Factory in 2022. The food factory produces approximately 13,000 meals each day. An emergency generator was not included in the original build but is crucial to continuity of operations.

Installation of a backup generator will ensure continuity of the food factory in the event of a power outage.

FUNDING	
Authority	$100,000
TOTAL	**$100,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$90,000
Consultant Services	$10,000
TOTAL	**$100,000**

PRIORITY DOC AO MR-03

MCE INDUSTRIES REPAIRS

MONTANA CORRECTIONAL ENTERPRISES
$700,000

The existing Industries Building at Montana State Prison houses the Furniture Production Shop, Upholstery Shop, and Print Shop facilities for Montana Correctional Enterprises. The facility is dated, energy inefficient, and does not comply with current building codes for the types of products manufactured in the facility. This project proposes to remedy ventilation issues, install a dust collection system, a fire suppression system, and improve the overall life safety of the building and its occupants.

Due to the age of the facility, the three production shops in the Industries Building do not comply with current building codes because of the hazardous materials and chemicals used or produced during the manufacturing processes. In the Furniture Production Shop, inmates are responsible for and oversee the entire furniture production process. They design, produce and store raw material and numerous types and styles of handmade furniture, craft one-of-a-kind custom pieces and restore furniture. Workers in the Sewing & Upholstery Shop store materials for and produce high-volume sewing (i.e., scrubs, bedding, and mattresses) for DOC and several other facilities throughout the state. In addition to upholstering furniture produced by the Furniture Production Shop, the Upholstery Shop performs custom jobs for a variety of applications in materials ranging from fabric to leather and mohair. The Print Shop is a commercial-grade print and sign shop that stores ink, materials and finished printed products. Inmate graphic designers and workers create and produce printed and engraved products on a variety of media ranging from business cards and banners to street signs. All products manufactured are sold directly to governmental and nonprofit entities throughout Montana. A dealer network in Montana assists in sales of products to the public.

In addition to making a wage from product sales, the vocational education, on-the-job training, and work experience inmates gain while participating in the industries programs MCE offers are critical to their well-being, self-esteem and success when released from prison. These programs provide them with a marketable job skill and strong work ethic. The wages earned allow inmates to pay for hygiene items, personal clothing, victim restitution and court-ordered fines. Funding to provide the required repairs and install the code compliant ventilation system, dust collection system and fire suppression system in the Industries Building, will insure a safe environment for MSP inmates and staff and continuation of these vital production programs.

FUNDING	
Authority	$700,000
TOTAL	**$700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$630,000
Consultant Services	$70,000
TOTAL	**$700,000**

CAPTIAL DEVELOPMENT PROJECTS
TABLE F-5

CAPITAL DEVELOPMENT PROJECTS
TABLE F-5 SUMMARY

	FUNDING SOURCE				
	LRBP CD	State Special	Federal Special	Authority Only	Total
SUPPLEMENTAL CAPITAL DEVELOPMENT PROJECTS	49,143,606	30,615,350	9,751,180	16,000,000	**105,510,136**
CAPITAL DEVELOPMENT PROJECTS	545,046,738		2,542,248	18,000,000	**565,588,986**
DEPT. OF TRANSPORTATION		37,100,000			**37,100,000**
DEPT. OF FISH, WILDLIFE & PARKS		71,891,734	22,564,742	6,333,234	**100,789,710**
DEPT. OF MILITARY AFFAIRS			16,854,367		**16,854,367**
AUTHORITY ONLY				204,290,000	**204,290,000**
TOTAL	**594,190,344**	**139,607,084**	**51,712,537**	**244,623,234**	**1,030,133,199**

CAPITAL DEVELOPMENT PROJECTS
TABLE F-5

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP CD	State Special	Federal Special	Authority Only	Total
CAPITAL DEVELOPMENT PROJECTS								
SUP CD-01A	Ag	120	Supplemental Ag Analytical (Combined Labs)	3,858,000				3,858,000
SUP CD-01B	MUS	121	Supplemental Wool Lab (Combined Labs)	4,700,000				4,700,000
SUP CD-01C	Livestk	122	Supplemental Vet Diagnostic Lab (Combined Labs)	2,200,000				2,200,000
SUP CD-02	DPHHS	123	Supplemental State Health Lab Renovation		7,000,000			7,000,000
SUP CD-03	Revenue	124	Supplemental Liquor Warehouse Expansion		14,315,750			14,315,750
SUP CD-04	DPHHS	125	Supplemental SW MVH Cottage Connectors	5,250,000				5,250,000
SUP CD-05	MUS	126	Supplemental Heating Systems Upgrade	2,750,000				2,750,000
SUP CD-06	MUS	127	Supplemental Block Hall Renovation	3,600,000				3,600,000
SUP CD-07	MDT	128	Supplemental Yellowstone Airport Terminal	9,000,000				9,000,000
SUP CD-08	DMA	129	Supplemental Silver Bow Readiness Center	5,491,795		8,221,254		13,713,049
SUP CD-09	MUS	131	Supplemental MAES Research Labs	1,604,050				1,604,050
SUP CD-10	DOA	132	Supplemental: Mazurek Building Renovation	5,000,000				5,000,000
SUP CD-11	DNRC	133	Supplemental ELO Facilities & Shop	2,180,235				2,180,235
SUP CD-12	MUS	134	Supplemental Haynes Hall Ventilation Upgrades	3,400,000				3,400,000
SUP CD-13	MDT	135	Supplemental Lincoln Airport SRE Building			250,000		250,000
SUP CD-14	FWP	136	Supplemental Havre Area Office		2,199,600	620,400		2,820,000
SUP CD-15	FWP	137	Supplemental Glasgow Headquarters		3,100,000			3,100,000
SUP CD-16	FWP	138	Supplemental Lewistown Area Office		4,000,000			4,000,000
SUP CD-17	FWP	139	Supplemental MT Wild Avian Rehab Bldg			550,000		550,000
SUP CD-18	DMA	140	Supplemental Billings AFRC Unheated Storage	46,208		46,208		92,416

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP CD	State Special	Federal Special	Authority Only	Total
SUP CD-19	DMA	141	Supplemental Havre Unheated Building	63,318		63,318		126,636
CD-01	DPHHS	142	MSH Compliance Upgrades for Recertification & Deferred Maintenance	15,903,000				15,903,000
CD-02	DOC	143	MSP Replace Low-Side Housing	135,000,000				135,000,000
CD-03	DPHHS	144	DPHHS Behavioral Health Initiative	113,000,000				113,000,000
CD-04	DOA	145	Renovation of Capitol Complex Offices ROWS	50,000,000				50,000,000
CD-05	DOA	147	State Capitol Building Improvements	26,316,458				26,316,458
CD-06	DNRC	149	Seedling Nursery Capital Investment	2,797,320				2,797,320
CD-07	DOC	150	MSP Water Line Replacement	3,000,000				3,000,000
CD-08	DOC	151	MSP Entry/Staff Services Addition to Wallace Building	12,800,000				12,800,000
CD-09	DOC	152	MSP Replace Roofs	5,600,000				5,600,000
CD-10	DOC	153	Xanthopoulos Building Repairs	2,950,000				2,950,000
CD-11	DOC	154	MSP New Multi-Purpose Programs Building	9,000,000				9,000,000
CD-12	DLI	155	Job Service Great Falls Building Renovation	5,767,880				5,767,880
CD-13	MUS	156	FLBS Water and Sewer Systems	2,500,000				2,500,000
CD-14	DOC	157	MWP Roof Replacement	5,000,000				5,000,000
CD-15	DMA	158	Billings Readiness and Innovation Campus	12,840,000				12,840,000
CD-16	DNRC	159	Clearwater Replacement Bunkhouse	1,189,178				1,189,178
CD-17	DNRC	160	Anaconda Bunkhouse	1,180,962				1,180,962
CD-18	DNRC	161	NELO Fire Ready Room	445,491				445,491
CD-19	DNRC	162	CLO Dispatch Center Expansion	545,000				545,000
CD-20	DOA	163	Old Board of Health Renovation (Legislative Staff Space)	3,500,000				3,500,000
CD-21	DOC	164	MSP Check Point Bldg / Wallace Entry Security Enhancements	3,000,000				3,000,000
CD-22	DMA	165	Helena Readiness HVAC & Temp Control Upgrade	798,420		2,542,248		3,340,668

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP CD	State Special	Federal Special	Authority Only	Total
CD-23	MUS	166	Acquire and Renovate Airport Hangar	3,600,000				3,600,000
CD-24	DMA	167	State Emergency Coordination Center Expansion	6,581,000				6,581,000
CD-25	MUS	168	Clapp Building Renovation	27,000,000			10,000,000	37,000,000
CD-26	MUS	169	Lewis Hall Code & Instructional Renovations	23,500,000			8,000,000	31,500,000
CD-27	DOA	170	5 Last Chance Gulch Atrium Renovation	15,558,029				15,558,029
CD-28	MUS	171	Engineering Hall Full Interior Renovations	8,000,000				8,000,000
CD-29	MUS	172	Main Hall Remodel and Renovation	30,000,000				30,000,000
CD-30	MUS	173	BART Life-Safety & Programmatic Improvements	10,000,000				10,000,000
CD-31	DMA	174	State Disaster Warehouse	5,704,000				5,704,000
CD-32	MUS	175	Campus Storage/ Warehouse Building	1,250,000				1,250,000
CD-33	DPHHS	176	Heated Storage Unit	720,000				720,000
DEPARTMENT OF FISH, WILDLIFE & PARKS								
FWP CD-01	FWP	177	Admin Facilities Major Maintenance		1,931,500		5,000,000	6,931,500
FWP CD-02	FWP	178	Makoshika Campground Improvement & Addition		2,500,000	2,500,000		5,000,000
FWP CD-03	FWP	179	Beartooth WMA Facilities Upgrade		8,000,000			8,000,000
FWP CD-04	FWP	180	Agency Staff Housing		7,500,000			7,500,000
FWP CD-05	FWP	181	Signage & Wayfinding Updates		2,500,000			2,500,000
FWP CD-06	FWP	182	Central Services Site Upgrades		17,168,330			17,168,330
FWP 01	FWP	192	Erosion Control		2,673,000			2,673,000
FWP 02	FWP	193	Community Ponds		200,000			200,000
FWP 03	FWP	194	Forest Management		100,000	300,000		400,000
FWP 04	FWP	195	Site Maintenance Upgrades & Improvements		4,572,450	1,770,750	1,193,000	7,536,200
FWP 05	FWP	196	Shooting Range Development		1,000,000	3,000,000		4,000,000

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP CD	State Special	Federal Special	Authority Only	Total
FWP 06	FWP	197	Habitat Montana		9,650,000	2,350,000		12,000,000
FWP 07	FWP	198	Wildlife Habitat Improvement Program Renewal			2,000,000		2,000,000
FWP 08	FWP	199	Wildlife Habitat Management & Maintenance		1,140,000	2,765,000		3,905,000
FWP 09	FWP	200	Upland Game Bird Enhancement Program		1,908,000	600,000		2,508,000
FWP 10	FWP	201	Migratory Bird Wetland Program		500,000			500,000
FWP 11	FWP	202	Future Fisheries		2,000,000			2,000,000
FWP 12	FWP	203	Hatcheries Maintenance		2,000,000			2,000,000
FWP 13	FWP	204	POR Grant Programs		5,000,000	6,000,000		11,000,000
FWP 14	FWP	205	Fish Connectivity		548,454	1,278,992	140,234	1,967,680
FWP 15	FWP	206	PALA Access Program		1,000,000			1,000,000
DEPARTMENT OF TRANSPORTATION								
MDT CD-01	MDT	183	Combination Facility Great Falls		12,600,000			12,600,000
MDT CD-02	MDT	184	Combination Facility Kalispell		11,000,000			11,000,000
MDT CD-03	MDT	185	Combination Facility Missoula		10,500,000			10,500,000
MDT CD-04	MDT	186	Maintenance, Repair and Small Projects		3,000,000			3,000,000
DEPARTMENT OF MILITARY AFFAIRS								
DMA CD-01	DMA	187	Aviation Facility HVAC & Temperature Control Upgrade			3,580,365		3,580,365
DMA CD-02	DMA	188	Collective Training Housing Facility			3,000,000		3,000,000
DMA CD-03	DMA	189	Federal Spending Authority			3,000,000		3,000,000
DMA CD-04	DMA	190	Ready Building Addition			4,700,000		4,700,000
DMA CD-05	DMA	191	Training Equipment Site HVAC and Controls Upgrade			2,574,002		2,574,002
AUTHORITY ONLY								
SUP AO CD-01	MUS	207	Supplemental MSU Facilities Yard Relocation				8,000,000	8,000,000

				FUNDING SOURCE				
Priority	Agency	Page	Project Description	LRBP CD	State Special	Federal Special	Authority Only	Total
SUP AO CD-02	MUS	208	Supplemental Mansfield Library Remodel				4,000,000	4,000,000
SUP AO CD-03	MUS	209	Supplemental Visual Communications Building PBS Addition				4,000,000	4,000,000
AO CD-01	MUS	210	AUTHORITY Mark and Robyn Jones MSU College of Nursing				92,000,000	92,000,000
AO CD-02	MUS	211	AUTHORITY Gianforte Hall MSU Computing Building				50,000,000	50,000,000
AO CD-03	MUS	212	AUTHORITY Adams Center - Student Athlete Locker Rooms				6,000,000	6,000,000
AO CD-04	MUS	213	AUTHORITY Campus Wide Classroom Upgrades				6,000,000	6,000,000
AO CD-05	MUS	214	AUTHORITY Liberal Arts Building / Eck Hall				4,000,000	4,000,000
AO CD-06	MUS	215	AUTHORITY MSU Indoor Practice Facility				15,000,000	15,000,000
AO CD-07	MUS	216	AUTHORITY General Spending Authority				20,000,000	20,000,000
AO CD-08	DOC	217	Motor Vehicle Ventilation & Paint/Sandblasting Booths				590,000	590,000
AO CD-09	MUS	218	Highlands College Indoor Pole Barn				2,000,000	2,000,000
AO CD-10	DOA	219	AUTHORITY Federal Spending Authority				5,000,000	5,000,000
AO CD-11	DEQ	220	AUTHORITY Energy Improvements, Statewide				3,700,000	3,700,000
CAPITAL DEVELOPMENT TOTALS				**594,190,344**	**139,607,084**	**51,712,537**	**244,623,234**	**1,030,133,199**

DETAILED PROJECT INFORMATION

CAPITAL DEVELOPMENT PROJECTS 2024-2025

PRIORITY SUP CD-01A

INFLATIONARY ADJUSTMENT
AG ANALYTICAL LAB (COMBINED LABS)

DEPARTMENT OF AGRICULTURE
$3,858,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

NOTE: In the 67th Legislative Session this request included construction of a new Ag Analytical laboratory for the Department of Agriculture in association with the Veterinary Diagnostic Lab. The new Ag Analytical lab will be constructed as part of the combined lab facility at MSU Bozeman. The combined lab includes the Veterinary Diagnostic Lab, Ag Analytical Lab, and the Wool lab.

in concurrence with the Legislative interim study (HB 661, 2017) and in cooperation with the Department of Livestock and Montana State University, the Department of Agriculture submitted a proposal to construct a new laboratory to provide agricultural chemistry testing services for feed, fertilizer, pesticide, and chemical groundwater protection. The Ag Analytical Laboratory will vacate its current location in McCall Hall on the MSU campus.

INFLATIONARY ADJUSTMENT INFO

The Ag Analytical Lab was approved in Section 1, Chapter 468, Laws of 2021 jointly with the VDL for $9,850,000 of LRBP capital development funds.

Due to increased construction costs, supply chain issues, and lack of qualified labor forces facing the construction industry following the pandemic, the cost to construct the Ag Analytical Lab has increased. Without an inflationary adjustment, the Ag Analytical Lab cannot be constructed as programmed. Authorization of the Inflationary Adjustment will ensure the Ag Analytical Lab construction will be completed as programmed in conjunction with the Veterinary Diagnostic Lab and Wool Lab.

FUNDING		
Original Appropriation	LRBP Cash	$9,850,000
Inflationary Adjustment	***LRBP Cash***	***$3,858,000***
TOTAL		**$13,708,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$8,865,000
Inflationary Construction Costs	***$3,858,000***
Consultant Services	$985,000
TOTAL	**$13,708,000**

PRIORITY SUP CD-01B

INFLATIONARY ADJUSTMENT
WOOL LAB (COMBINED LABS)

MONTANA STATE UNIVERSITY
$4,700,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

NOTE: In the 67th Legislative Session this request was part of the request to construct five new Chemistry and Instrumentation Labs at Montana Ag Experiment Stations (MAES). The new Wool Lab will now be constructed as part of the combined lab facility at MSU Bozeman. The combined lab includes the Veterinary Diagnostic Lab, Ag Analytical Lab, and the Wool lab.

Construction of a new comprehensive wool research laboratory will continue to provide outreach and education for Montana's wool growers. The new wool lab will permit the state of Montana to launch new collaborative research and become a global leader in wool production. This facility is unique due to the various services and research it currently conducts. The current lab has an analytical lab and a wet lab to analyze the quality of wool fibers for growers around the country. Increased profits and yields for growers has been the result of over 75 years of research by the labs. The construction of up-to-date, newer labs and greater research opportunities will elevate this facility to be a center of excellence as a global leader of the wool industry now and into the future. The facility provides research on ecology cover crops, genetics, government contracts for uniforms, textile cold weather research, lanolin medicinal uses and advanced textile development.

INFLATIONARY ADJUSTMENT INFO

The Wool Lab was approved in Section 1, Chapter 468, Laws of 2021 for $5 million LRBP capital development funds and $1 million of authority for fund-raising.

Due to increased construction costs, supply chain issues, and lack of qualified labor forces facing the construction industry following the pandemic, the cost to construct the Comprehensive Wool Research lab has increased. Without an inflationary adjustment, the amount of lab space programmed cannot be constructed as planned. Authorization of the Inflationary Adjustment will permit the complete construction of the Wool Labs as programmed as part of the combined state lab facility at MSU Bozeman.

FUNDING		
Original Appropriation	LRBP Cash	$5,000,000
	Authority	$1,000,000
Inflationary Adjustment	***LRBP Cash***	***$4,700,000***
TOTAL		**$10,700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,400,000
Inflationary Construction Costs	***$4,700,000***
Consultant Services	$600,000
TOTAL	**$10,700,000**

PRIORITY SUP CD-01C

INFLATIONARY ADJUSTMENT
VET DIAGNOSTIC LAB (COMBINED LABS)

DEPARTMENT OF LIVESTOCK
$2,200,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

NOTE: In the 67th Legislative session the new Wool Lab was included with the five MAES Chemistry and Instrumentation Research Laboratories. It is being constructed as part of the combined lab facility at MSU Bozeman. The combined lab includes the Veterinary Diagnostic Lab, Ag Analytical Lab, and the Wool lab.

This request constructs a modern Montana Veterinarian Diagnostic Laboratory (MVDL) adjacent to the old Marsh Laboratory Complex (1961) on the MSU Bozeman's campus. The Department of Livestock, in concurrence with the Legislative interim study (HB 661, 2017) Montana State Laboratories, submitting a new construction proposal to build a modern Veterinary Diagnostic Laboratory adjacent to the old Marsh Laboratory Complex (1961) on MSU Bozeman's campus. This new facility is in response to failing accreditation requirements for inadequate infrastructure including the current workspace footprint, design, and ventilation. The new lab will feature enhanced biosecurity and accommodate future growth and testing capabilities to help ensure Montana maintains a disease-free economic landscape. Without a comprehensive upgrade to the facilities the State should seek to close the Lab in the next six years. Loss of industry accreditation, federal cooperation and national funding are being threatened. Mechanical systems cannot be suitably upgraded without extensive modernization. Other State Labs are currently in a better technologically positioned to service Montanans' daily business.

INFLATIONARY ADJUSTMENT INFO

The VDL was approved in Section 1, Chapter 468, Laws of 2021 jointly with the Ag Analytical Lab for $26,200,000 of LRBP capital development funds in the event ARPA dollars were not approved by the US Dept. of Treasury. Treasury did not approve the use of ARPA funds for the project.

Due to increased construction costs, supply chain issues, and lack of qualified labor forces facing the construction industry following the pandemic, the cost to construct the new Veterinary Diagnostic Lab facility has increased since the initial cost estimate. The project currently being designed, and estimated costs of construction evaluated. Without an inflationary adjustment, the amount of lab space per the program requirements cannot be constructed as planned. Authorization of the Inflationary Adjustment will permit the complete construction of the VDL as programmed and as part of the combined state lab facility at MSU Bozeman.

FUNDING		
Original Appropriation	LRBP Cash	$26,200,000
Inflationary Adjustment	***LRBP Cash***	***$2,200,000***
TOTAL		**$28,400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$23,580,000
Inflationary Construction Costs	***$2,200,000***
Consultant Services	$2,620,000
TOTAL	**$28,400,000**

PRIORITY SUP CD-02

INFLATIONARY ADJUSTMENT
STATE HEALTH LAB RENOVATION

DEPARTMENT OF ADMINISTRATION
$7,000,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

The Laboratory Services Bureau currently occupies the same physical space in the Cogswell Building that it occupied prior to the terrorist attacks against the United States on September 11, 2001. Following 9/11 federal funding was provided that greatly enhanced laboratory capability within its current physical boundaries. This funding included the construction of a BSL3 (Biosafety Level 3) suite within the current laboratory space, enhanced laboratory safety features to protect laboratory and non-laboratory personnel and new technology to protect the health of Montanans. While all these improvements served to enhance the laboratory's capacity post 911, additional gains in laboratory capacity cannot be achieved without additional laboratory space to support them. This was evident prior to the beginning of the COVID-19 pandemic but has become extremely pronounced since then when the Montana Public Health Laboratory was the only laboratory in the state that was able to provide COVID-19 testing for the citizens of Montana. While the Montana Public Health Laboratory has performed admirably in response to the COVID-19 crisis, there has clearly been a limitation on capacity that could have been overcome were it not for current space limitations. The Laboratory Services Bureau has obtained federal funding that will support the proposed laboratory expansion project. The outcome of this project will provide additional laboratory capacity for the ongoing pandemic and allow the Public Health Laboratory to be better prepared to address future public health crisis.

Additional laboratory space will increase testing capacity by allowing additional instrumentation and clinical laboratory scientists to be performing testing simultaneously.

INFLATIONARY ADJUSTMENT INFO

The lab renovations were approved in Section 3, Chapter 461, Laws of 2021 for $6,000,000 in authority to utilize federal grant funds. Federal grants have been received and increased the project scope via LRBP budget amendments to $20,000,000.

The supplemental funding here is needed in the event the federal grant expenditure deadline is not extended. If the expenditure deadline is extended, this funding will be reverted to the capital development account.

FUNDING		
Original Appropriation + Budget Amendment		$20,000,000
Inflationary Adjustment	***State Special***	***$7,000,000***
TOTAL		**$27,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$18,000,000
Inflationary Construction Costs	***$7,000,000***
Consultant Services	$2,000,000
TOTAL	**$27,000,000**

PRIORITY SUP CD-03

INFLATIONARY ADJUSTMENT
LIQUOR WAREHOUSE EXPANSION

DEPARTMENT OF REVENUE
$14,315,750

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will expand the state liquor warehouse by 35,000 square feet. The department utilizes this facility for its state liquor operations including receiving, warehousing, and shipping of liquor products. An expansion is necessary due to increased demand.

The Department operates a centralized warehouse located in Helena for receiving, warehousing, and shipping liquor products to agency liquor stores located throughout the state. This project will expand the liquor warehouse by building a 35,000 square foot addition off the south end of the building. Additionally, the Department proposes to build the structure taller than the existing building to allow an automated storage and retrieval system to be installed in the future. This project is necessary because the size of the current warehouse cannot sustain the continuous growth in liquor sales.

Cases shipped from the state liquor warehouse have grown from 470,598 in fiscal year 2002 to 858,486 in fiscal year 2019. Within the next 5 years, the Department will eclipse 1 million cases shipped per year. The continuous growth in liquor sales has created an operational problem that needs to be addressed. The state liquor warehouse was built in the late 1970s and the 100,000 square foot facility is not large enough to sustain the continuous increases in liquor sales.

Industry experts have analyzed the liquor warehouse operations and have determined that the maximum capacity will be reached by the year 2027. Without additional warehouse space the state stands to lose $2.5 million in liquor taxes and net profits beginning in 2027 and increasing by an average of 4.11 percent each year thereafter.

An expansion of the existing facility will ensure continued operations for approximately the next 12 years and will set the State up to be able to continue to use the facility for many more years thereafter.

INFLATIONARY ADJUSTMENT INFO

The expansion was approved in Section 1, Chapter 468, Laws of 2021 for $6,500,000 in authority to utilize state special revenue generated by liquor sales. However, due to increases in construction costs, the $6,500,000 approved for the project can only construct an expansion approximately 20,000 square feet in size at half the height than originally proposed. The Department is requesting an additional $14,315,750 to be able to construct the complete 30,750 square foot project as originally proposed.

FUNDING		
Original Appropriation	State Special	$6,500,000
Inflationary Adjustment	***State Special***	***$14,315,750***
TOTAL		**$20,815,750**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,850,000
Inflationary Construction Costs	***$14,315,750***
Consultant Services	$650,000
TOTAL	**$20,815,750**

PRIORITY SUP CD-04

INFLATIONARY ADJUSTMENT COTTAGE CONNECTORS

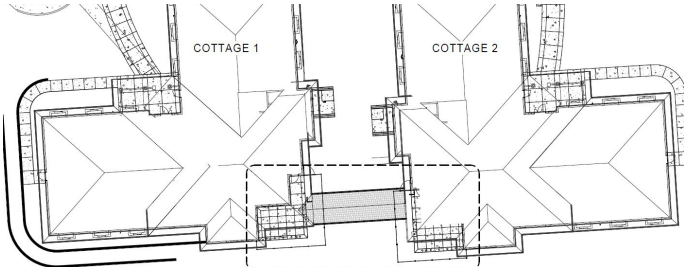
SOUTHWEST MONTANA VETERANS' HOME
$5,250,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

The Southwest Montana Veterans' Home is currently under construction in Butte. When completed, it will be the third state veterans' home in Montana. The design embraces the shift from a medical/institutional model, to one of a community-style neighborhood.

Five cottages will be home for 12 residents. The small, intimate style will make the residents feel like they are home and not on a long hospital visit. The cottages are served by the Community Center which contains the daily activity, social interaction, supportive service spaces and administrative offices. The layout of the cottages in relation to the CC creates challenges for not only the residents but the contractor that will operate the facility.

To visit another cottage or move to or from the CC, residents will have to cross the street. Due to their required level of care, most residents will need assistance to travel anywhere within the neighborhood. With connected cottages, residents can be moved easily throughout the units without going outside during inclement weather reducing health risks to residents. Meals for the cottages can be prepared in one kitchen. Activities and events for residents of multiple cottages can be arranged in a single unit decreasing staff time. Connected walkways allow the ability to share staff, increasing efficiency, reducing labor costs and possibly the potential cost to the Veteran.



INFLATIONARY ADJUSTMENT INFO

The cottage connectors were approved in Section 1, Chapter 468, Laws of 2021 for $3,300,000. The project has been bid and one connector with the access road is in construction.

This funding is to add the final two connectors which have been bid as alternates and await the $5,250,000 in additional funding to incorporate them into the existing construction contract.

FUNDING		
Original Appropriation	LRBP Cash	$3.300.000
Inflationary Adjustment	***LRBP Cash***	***$5,250,000***
TOTAL		**$8,550,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,970,000
Inflationary Construction Costs	***$5,250,000***
Consultant Services	$330,000
TOTAL	**$8,550,000**

PRIORITY SUP CD-05

INFLATIONARY ADJUSTMENT
HEATING SYSTEMS UPGRADE

MONTANA TECHNOLOGICAL UNIVERSITY
$2,750,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

PHASE 1: This project will replace a portion of Montana Technological University's failed steam distribution system.

This project upgrades existing tunnels where needed for safety and maintenance and replaces failed direct buried piping with new tunnel sections. Steam tunnels run under older buildings on the Montana Tech campus. Some of these tunnels are still open for walking from one building to another. Little or no repair work has been done on the tunnels and need to be repaired or closed off from the public. The ceilings are lower than normal with steam lines and other utility pipes running below the ceiling. Adding tunnels to the remainder of the campus will protect infrastructure that is direct burial. This will allow better maintenance and inspection procedures to be used. The steam distribution system is a combination of tunnels and direct buried lines. The system is 80-100 years old and is near the end of its useful life and in need of repair to allow for current usage. The direct buried piping is leaking and is inadequately insulated. Sections of the tunnel used for public access between building need to be repaired for safe passage.

PHASE 2: This project will continue replacement of Montana Technological University's failed steam distribution system.

This project upgrades existing tunnels where needed for safety and maintenance and replaces failed direct buried piping with new tunnel sections. Steam tunnels run under older buildings on the Montana Tech campus. Some of these tunnels are still open for walking from one building to another. Little or no repair work has been done on the tunnels and at some point, they will need to be repaired or at a minimum closed off from the public. The ceilings are lower than normal with steam lines and other utility pipes running below the ceiling. Adding tunnels to the remainder of the campus will protect infrastructure that is direct burial. This will allow better maintenance and inspection procedures to be used.

INFLATIONARY ADJUSTMENT INFO

The heating system approved in Sections 2 & 3, Chapter 461, Laws of 2021 for an aggregate of $6,000,000. Phase 1 is in construction.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $2,750,000 is to complete the full scope of the project as originally proposed.

FUNDING		
Original Appropriation	LRBP Cash	$6,000,000
Inflationary Adjustment	***LRBP Cash***	***$2,750,000***
TOTAL		**$8,750,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,400,000
Inflationary Construction Costs	***$2,750,000***
Consultant Services	$600,000
TOTAL	**$8,750,000**

PRIORITY SUP CD-06

INFLATIONARY ADJUSTMENT BLOCK HALL RENOVATION

UNIVERSITY OF MONTANA - WESTERN

$3,600,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

The scope of the proposed Block Hall project would include the renovation and asbestos abatement of the entire building. The renovation will update obsolete classroom and laboratory facilities, including aging natural gas valves, lab plumbing fixtures, and fixed tables and seating that are no longer acceptable in a modern learning space. This project will also include an effective ventilation system that will provide students with a safe learning environment where lab accidents cannot contaminate the entire building.

The Block Hall renovation is required to accommodate the growing science programs and bring the building up to modern life safety and air quality codes. Upon completion, the building will be reprogrammed and offer the updated classroom and lab facilities to all University of Montana Western students for both general studies and specialized science programs

Block Hall is the only laboratory facility on campus and houses all of UM Western's science and math facilities. All other majors offered at UM Western also attend required math and science classes in Block Hall. There are six wet labs in use, with three on the third floor and three on the second floor. Some of these lab spaces contain fume hoods that are operational, but the lab's ventilation is part of the entire building's air circulation system. This antiquated system pulls air from every office, classroom, and lab and redistributes it throughout the building. In the event of a spill or accident, this would result in contaminated air from the labs quickly being dispersed to all areas of the building. The labs almost entirely contain original equipment from the building's construction in 1969 and are in desperate need of upgrades.

The funding of the request is the most cost-effective approach. Partially funding this project would extend the renovation schedule and increase the costs because of inefficient or multiple projects on various building systems. Also, construction cost inflation will only increase the cost of any work deferred until a later date.

INFLATIONARY ADJUSTMENT INFO

The renovation was approved in Section1, Chapter 468, Laws of 2021 for $12,000,000.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $3,600,000 is to complete the full scope of the project as originally proposed.

FUNDING		
Original Appropriation	LRBP Cash	$12,000,000
Inflationary Adjustment	***LRBP Cash***	***$3,600,000***
TOTAL		**$15,600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$10,800,000
Inflationary Construction Costs	***$3,600,000***
Consultant Services	$1,200,000
TOTAL	**$15,600,000**

PRIORITY SUP CD-07

INFLATIONARY ADJUSTMENT
YELLOWSTONE AIRPORT TERMINAL

DEPARTMENT OF TRANSPORTATION
$9,000,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project involves the complete replacement of the original, 1964 terminal structure, access roads, water/sewer utilities. The current building has served its useful life, cannot be renovated due to structural limitations, and is operationally inadequate for compliance with TSA and FAA requirements.

The new building will be approximately 30,000 sq/ ft. Although similar in size to the existing building, the new square footage will be rearranged to meet today's standards, requirements, and better serve the flying public. The existing building does not currently adhere to current FAA design guidelines.

Once completed, the traveling public will not only experience the FAA and TSA-compliant terminal building but will also be introduced to Montana through an enhanced overall experience as they view the State of Montana upon entering the new terminal.

As passenger traffic and overall commerce to grow year after year due to increased Yellowstone Park tourism and the ever-expanding Big Sky area, the new terminal will be designed to accommodate current and future carrier service and will plan for future expansion of the airport as passenger traffic continues to grow and additional carriers offer service to the airport.

INFLATIONARY ADJUSTMENT INFO

Originally authorized in Section 2, Chapter 422, Laws of 2019, and section 3, Chapter 461, Laws of 2021, the complete replacement West Yellowstone Airport Terminal has experienced a significant, combined inflationary impact due to the overall national economic situation, shorter construction season, and the high costs in the region (i.e. it's roughly 70 miles south of Big Sky).

LRBP capital development funding will be utilized on a prorated basis to bridge the existing gap between federal special revenue grants from the Federal Aviation Administration and MDT airport proprietary funds, up to a total project aggregate of $41,500,000. Use of LRBP capital development funds will be abated and returned to the account upon realization by MDT of any additional federal grant revenues that can be dedicated to the project.

FUNDING		
Prior Appropriation	Fed Special & AO	$26,500,000
Budget Amendment		$10,721,436
Inflationary Adjustment	***LRBP Cash***	***$9,000,000***
TOTAL		**Refer to info above**

ESTIMATED PROJECT COSTS	
Construction Costs	$29,250,000
Inflationary Construction Costs	***$9,000,000***
Consultant Services	$3,250,000
TOTAL	**$41,500,000**

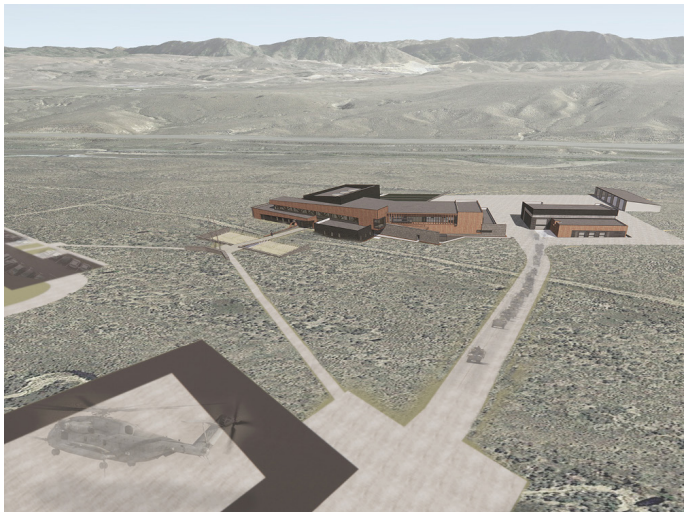
PRIORITY SUP CD-08

INFLATIONARY ADJUSTMENT
SILVER BOW READINESS CENTER

DEPARTMENT OF MILITARY AFFAIRS
$13,713,049

ORIGINAL PROJECT INFO
66TH LEGISLATIVE SESSION

This project will construct a 65,000 square foot National Guard Readiness Center outside of Butte, MT to replace two existing aging facilities. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking, Controlled Waste Facility and Flammable Material Facility. Construction will include services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements.



This project is critical to the state of Montana due to the current situation, the facility is essential to properly house and train multiple units currently stationed at two other locations. The existing facilities in Butte and Anaconda were both constructed in 1961 and are only 29,248 SQFT, leaving a significant shortage of required space. The existing site does not support the construction of all the required space and supporting items while still meeting AT/FP requirements.

This facility will be built on State Land and will consolidate multiple small units into one facility and close two legacy facilities of the Montana Army National Guard.

67TH LEGISLATIVE SESSION

The total project cost was not funded in HB652 of the 66th legislature. Additional funding is needed to complete the project. This request is for the remainder of the funding and additional funding for furniture and equipment.

The Butte Readiness Center was approved in the 66th legislative session for $5,000,000 general obligation bonds and $17,000,000 federal special; the funds approved in HB652 were $1,203,000 less than the total project cost. The Readiness Center is going to need additional federal special for furniture and equipment.

INFLATIONARY ADJUSTMENT INFO

Originally authorized in Section 9, Chapter 476, Laws of 2019, and section 3, Chapter 461, Laws of 2021, the project is presently under construction but has experienced substantial scope reductions of mission-critical components that need to be re-incorporated.

Prior appropriations/authorizations include general obligation bonds, LRBP cash, use of the DMA land purchase account, and federal special revenue as shown in the table below.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $5,491,795 of LRBP capital development funds and $8,221,254 of federal special revenue are essential to complete the full scope of the project as originally proposed to both the 66th and 67th legislatures. A portion of the LRBP capital development funds proposed here will be used to offset a portion of the prior use of DMA land purchase account funds so those dollars can be repurposed.

FUNDING		
Original Appropriation 66th	GO Bonds	$5,000,000
Original Appropriation 66th	Federal Special	$17,000,000
Original Appropriation 67th	LRBP Cash	$801,249
Original Appropriation 67th	Federal Special	$2,195,751
Budget Amendment	LRBP Cash	$124,078
Budget Amendment	Land Purchase Acct	$2,714,844
Budget Amendment	Federal Special	$5,106,000
Inflationary Adjustment	***LRBP Cash***	***5,491,795***
Inflationary Adjustment	***Federal Special***	***8,221,254***
TOTAL		**$46,654,971**

ESTIMATED PROJECT COSTS	
Construction Costs	$29,647,730
Inflationary Construction Costs	***$13,713,049***
Consultant Services	$3,294,192
TOTAL	**$46,654,971**

PRIORITY SUP CD-09

INFLATIONARY ADJUSTMENT RESEARCH LABS

MONTANA AG EXPERIMENT STATIONS
$1,604,050

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

NOTE: In the 67th Legislative Session this request included the construction of a new comprehensive wool research laboratory. The new wool lab will now be constructed as part of the combined lab facility at MSU Bozeman. The combined lab includes the Veterinary Diagnostic Lab, Ag Analytical Lab, and the Wool lab.

Construct five Chemistry and Instrumentation Research Laboratories at CARC, NARC, NWARC, SARC and WTARC, one Horticulture Research and Teaching Building at WARC to support the Montana Agricultural Experiment Stations' (MAES) Lab-To-Field Development Plan.

The requested facilities would address three highest-priority objectives for MAES capital development. The facilities will:

1. replace outdated facilities that limit the speed and degree of innovation with which research can be conducted
2. ensure that modern safety standards are fully met, and that state-of-the-art research can be conducted to cost-effectively address unique, Montana-specific issues, especially those falling within the grand challenge areas, and
3. leverage state-of-the-art facilities to recruit the best faculty and graduate students and enable new and existing scientists to be significantly more competitive for regional and federal-level grants and partnerships, further increasing the return on Montana's investment in MAES. The research infrastructure development requests reflect the integrated investment strategy of the Montana Agricultural Experiment Station.

INFLATIONARY ADJUSTMENT INFO

The Labs were approved in Section 1, Chapter 468, Laws of 2021 for $6,000,000 of LRBP capital development funds and $300,000 of authority for fund raising.

Due to increased construction costs, supply chain issues, and lack of qualified labor forces facing the construction industry following the pandemic, the cost to construct the MAES Research labs has increased. Without an inflationary adjustment, research labs cannot be constructed at all five MAES locations as planned. Authorization of the Inflationary Adjustment will permit construction of the Chemistry and Instrument Research Labs at all five Montana Agricultural Experiment Stations.

FUNDING		
Original Appropriation, 67th	LRBP Cash	$6,000,000
	Authority	$300,000
Inflationary Adjustment	***LRBP Cash***	***$1,604,050***
TOTAL		**$7,904,050**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,670,000
Inflationary Construction Costs	***$1,604,050***
Consultant Services	$630,000
TOTAL	**$7,904,050**

PRIORITY SUP CD-10

INFLATIONARY ADJUSTMENT
MAZUREK BUILDING RENOVATION

DEPARTMENT OF ADMINISTRATION
$5,000,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

As part of the COVID-19 remote and office workspace study and planning, the Department of Justice, the Montana State Library, and the Judicial Branch shall participate in a working group for the Mazurek building led by the department of administration. The working group shall:

- determine the minimum space needs of the current occupants of the Mazurek building, including whether the footprint of the state law library can be reduced, and opportunities exist to move department of justice staff to the building from private leased space. Tenants should determine whether remote work is a viable option for employees, and the working group should look for opportunities to reduce agency space.
- determine the space configuration that is most efficient and effective for each tenant and its mission. To minimize disruption to the agencies and minimize costs, the configurations should minimize moves from current space and remodeling costs.
- consider how to use the unoccupied space in the building for the needs of the agencies to meet their minimum space needs. If the agencies do not use all of the unoccupied space, then the remaining space should be maintained in a sufficient block to allow for an additional agency tenant.

INFLATIONARY ADJUSTMENT INFO

The Mazurek Building Renovation was approved in Sections 3, Chapter 461, Laws of 2021 for $3,000,000. Due to changes in the scope of work to relocate the State Library and substantial corrections needed with the HVAC, electrical systems, realignment of DOJ functions, and the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $5,000,000 is needed to complete the scope of the project as revised to fully address relocation of the DOJ functions.

FUNDING		
Original Appropriation	LRBP Cash	$3,000,000
Inflationary Adjustment	***LRBP Cash***	***$5,000,000***
TOTAL		**$8,0000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,700,000
Inflationary Construction Costs	***$5,000,000***
Consultant Services	$300,000
TOTAL	**$8,000,000**

PRIORITY SUP CD-11

INFLATIONARY ADJUSTMENT
EASTERN LAND OFFICE FACILITIES & SHOP

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$2,180,235

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

Construct new facility in Miles City for the Eastern Land Office and CARDD to include new 6,000 square foot office building and 2,500 square foot shop facility.

The proposed project would be to construct a new office building of approximately 6,000 square feet along with an approximate 2,500 square foot shop facility on a 6-acre property owned by DNRC, adjacent to the USDI BLM facilities, that includes the interagency dispatch center.

The new construction would provide for a more adequate office environment than exists with the current leased office space. This construction would also provide for a conference room, training room, ADA compliant rest rooms and adequate storage that currently does not exist with the current leased facility. Currently the ELO/CRDD facility in Miles City has no shop area and all routine maintenance of trust land and fire cache vehicles occurs on a small concrete pad exposed to the elements. The construction of the shop facility to accompany this office building will allow for safe and effective routine maintenance of the vehicle fleet and will provide additional storage and a place to get valuable resources out of inclement weather.

The current ELO/CARDD office space is substandard with persistent air quality issues due to hair/beauty salon businesses located on either side as well as mold and mildew issues related to periodic water leaks within the roof of the building. There is little storage space available and the only ADA compliant rest room. In addition, 3 of the ELO Forestry Division Staff have office space located at the Interagency Dispatch Center located on the BLM campus and the DNRC hardware compound is also located on the BLM campus. This new construction would locate the remaining ELO and CARDD employees as well as the hardware compound on DNRC owned land adjacent to the BLM campus and the Interagency Dispatch Center. Construction of a shop facility would allow for safe and effective maintenance of DNRC owned equipment out of the elements.

INFLATIONARY ADJUSTMENT INFO

Originally authorized at $2,250,000 in Section 1, Chapter 468, Laws of 2021, the project design is completed and ready for bidding, but is short funding to complete the full scope.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $2,180,235 of LRBP capital development funds is essential to complete the full scope of the project as originally proposed to the 67th legislature.

FUNDING		
Original Appropriation	LRBP Cash	$2,250,000
Inflationary Adjustment	***LRBP Cash***	***$2,180,235***
TOTAL		**$4,430,235**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,025,000
Inflationary Construction Costs	***$2,180,235***
Consultant Services	$225,000
TOTAL	**$4,430,235**

PRIORITY SUP CD-12

INFLATIONARY ADJUSTMENT
HAYNES HALL VENTILATION UPGRADES

MONTANA STATE UNIVERSITY
$3,400,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will upgrade mechanical ventilation system in Haynes Hall for occupant safety and code compliance. This project specifically addresses needed HVAC upgrades in the painting, ceramic, welding, and sculpture areas.

The original ventilation system is less than adequate to contain or arrest contaminants and to provide acceptable long-term indoor air quality for the current instructional activities. Without improvements to the existing system instructional activities may be limited due to inadequate teaching spaces. Improvements to the mechanical ventilation system increase occupant safety and provide code compliant spaces and systems.

Haynes Hall, constructed in 1974, is one of three buildings that forms the Creative Arts Complex (combined 135,000 square feet) and currently houses the School of Art. With few exceptions, all the existing major mechanical equipment is original and has been in service for approximately 40 years. The original ventilation system is less than ideal in its ability to contain or arrest all contaminants and to provide acceptable long-term indoor air quality for the current instructional activities. This project upgrades the mechanical systems to provide code required minimum ventilation and recommended local exhaust ventilation for specialized space uses including ceramics, welding, printmaking, and metalsmithing. The current cost for this work, including design and construction, is based on a schematic design performed by GDP, PC in 2014.

INFLATIONARY ADJUSTMENT INFO

Originally authorized at $1,600,000 in Section 2, Chapter 461, Laws of 2021, the project is short funding to complete the essential scope.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $3,400,000 is needed to complete all upgrades.

FUNDING		
Original Appropriation	LRBP Cash	$1,600,000
Inflationary Adjustment	***LRBP Cash***	***$3,400,000***
TOTAL		**$5,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,440,000
Inflationary Construction Costs	***$3,400,000***
Consultant Services	$160,000
TOTAL	**$5,000,000**

PRIORITY SUP CD-13

INFLATIONARY ADJUSTMENT
LINCOLN AIRPORT SNOW REMOVAL EQUIPMENT STORAGE BLDG

DEPARTMENT OF TRANSPORTATION
$250,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

To accompany the purchase of snow removal equipment (SRE) for the Lincoln airport through Federal Aviation Administration (FAA) funding sources, a building is needed to house and protect the equipment. The FAA requires any equipment to be stored appropriately indoors.

This project would construct a building on the airfield to store snow removal equipment. The purchase of the snow removal equipment would coincide with the completion of the building and protect the new equipment. Both the equipment and the building will qualify for 90% funding by the FAA.

The 10% local match will be offset by Federal Cares grant money, leaving the State with no direct costs.

INFLATIONARY ADJUSTMENT INFO

Originally authorized at $450,000 in Section 3, Chapter 461, Laws of 2021, the project design is nearly completed but is short funding to realize the full scope and issue for bids.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional $250,000 of federal special revenue is essential to complete the full scope of the project as originally proposed to the 67th legislature.

FUNDING		
Original Appropriation	Federal Special	$450,000
Inflationary Adjustment	***Federal Special***	***$250,000***
TOTAL		**$700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$405,000
Inflationary Construction Costs	***$250,000***
Consultant Services	$45,000
TOTAL	**$700,000**

PRIORITY SUP CD-14

INFLATIONARY ADJUSTMENT HAVRE AREA OFFICE

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,820,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will construct office and workspace as well as equipment and vehicle storage in Havre where only rental space currently exists. The department would also explore options with other agencies such as DNRC to see if a joint area office would be cost effective. The project would:

- Acquire property and construct a Havre area office for existing FWP staff, public space for meeting with public, selling licenses and disseminating information.
- Construct a work and heated storage area as well as secure area for vehicle and boat storage.

The existing Havre office is currently in a leased building. The building is under a short-term agreement. State General Services Division has not been able to find suitable rental space to house all area staff. This project will provide for a long-term solution to office and workspace for employees in the Havre area.

Alternatively, FWP could lease another space to adequately meet needs of the existing staff. The State General Services division has looked for space to lease in the Havre area for several years but has not been able to find suitable rental space to meet the needs.

Providing office and workspace as well as boat and vehicle storage is a long-term solution to the need for staff in the Havre area. Building an FWP Havre area office that will meet the needs of the existing area staff will provide the necessary office space, workspace and secure storage area will allow FWP to continue to provide the expected services to the public and landowners in the Havre area.

INFLATIONARY ADJUSTMENT INFO

Originally authorized at $2,260,000 in Section 3, Chapter 461, Laws of 2021, the project scope cannot be realized without additional funding.

Due scope adjustments and unprecedented recent cost escalation within the construction industry, this request for an additional $2,820,000 of LRBP funds is essential to complete the full scope needs of the project.

FUNDING		
Original Appropriation	State Special	$1,760,000
	Federal Special	$500,000
Inflationary Adjustment	***State Special***	***$2,199,600***
	Federal Special	***$620,400***
TOTAL		**$5,080,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,034,000
Inflationary Construction Costs	***$2,820,000***
Consultant Services	$226,000
TOTAL	**$5,080,000**

PRIORITY SUP CD-15

INFLATIONARY ADJUSTMENT GLASGOW HEADQUARTERS

DEPARTMENT OF FISH, WILDLIFE & PARKS
$3,100,000

ORIGINAL PROJECT INFO
66TH LEGISLATIVE SESSION

This project is to provide a public meeting room, parking, and new shop at the Fish Wildlife and Parks, Glasgow headquarters. The existing Fish Wildlife and Parks Glasgow headquarters will be able to hold public meetings, provide parking that accommodates vehicles with trailers, and provide space for headquarters staff to complete AIS inspections on boats.

Functional Space Requirements:
- Shop: 1800-2400 sf
- Storage: TBD
- Office:2500-3000 sf
- Parking: 18-20 single vehicle space and 6 vehicles with trailers spaces

The Fish Wildlife and Parks Glasgow headquarters does not have a public meeting room. The existing parking lot does not allow enough room for the public parking or for users towing trailers to safely stop at the headquarters. The existing shop space does not provide adequate space to perform necessary maintenance.

Adding a public meeting space, maintenance shop space, and addressing parking concerns allows for the greatest efficiency in addressing multiple issues at one time.

This project is to provide a public meeting room, parking and new shop at the Fish Wildlife and Parks, Glasgow headquarters. The existing headquarters was built in 1985 and did not include a public meeting room or a new maintenance shop. The old headquarters building has been used as a shop, offices, and meeting area but does not currently meet the needs of the Department.

INFLATIONARY ADJUSTMENT INFO

Originally authorized at $1,700,000 in Section 2, Chapter 422, Laws of 2019, the project scope cannot be realized without additional funding.

Due scope adjustments and unprecedented recent cost escalation within the construction industry, this request for an additional $3,100,000 of state special revenue is essential to complete the full scope needs of the project.

FUNDING		
Original Appropriation	State Special	$1,700,000
Inflationary Adjustment	***State Special***	***$3,100,000***
TOTAL		**$4,800,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,530,000
Inflationary Construction Costs	***$3,100,000***
Consultant Services	$170,000
TOTAL	**$4,800,000**

PRIORITY SUP CD-16

INFLATIONARY ADJUSTMENT
LEWISTOWN AREA OFFICE

DEPARTMENT OF FISH, WILDLIFE & PARKS
$4,000,000

ORIGINAL PROJECT INFO
66TH LEGISLATIVE SESSION

Construct office and work space as well as equipment and vehicle storage in the Lewistown area where only short-term rental space currently exists.

This project will provide long term office and work space for area staff and will replace the short term leased trailer space.

Functional Space Requirements:
- Office space area: 3,000 sq ft
- Vehicle storage area:
- 1,200 sq ft indoor storage
- 8,000-10,000 sq ft outside storage

The existing Lewistown area office is currently housed in a leased triple wide trailer on the airport property. Enforcement and front office staff are in the USFWS CMR headquarters building under a short-term agreement (3 years) for space. State General Services Division has not been able to find suitable rental space to house all area staff. This project will provide for a long-term solution to office and work space for employees in the Lewistown area.

Providing office and work space as well as boat and vehicle storage is a long-term solution to the need for staff in the Lewistown area.

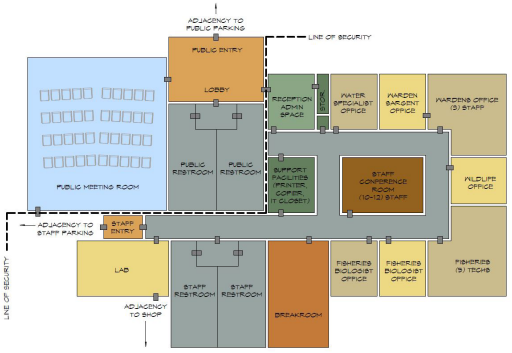
This project will provide long term office and work space as well as boat and vehicle storage for staff assigned to the Lewistown area.

INFLATIONARY ADJUSTMENT INFO

FWP has not been successful in securing a site to build in over 3 years. The change in intent and additional funding will allow for the use of a developer who may already have land available is a more feasible option.

Originally authorized at $1,500,000 in Section 2, Chapter 422, Laws of 2019, the project scope cannot be realized without additional funding.

Due to the length in time to find a suitable location, scope adjustments, and unprecedented recent cost escalation within the construction industry, this request for an additional $4,000,000 of state special revenue is essential to complete the full scope needs of the project.



FUNDING		
Original Appropriation	State Special	$1,500,000
Inflationary Adjustment	***State Special***	***$4,000,000***
TOTAL		**$5,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,350,000
Inflationary Construction Costs	***$4,000,000***
Consultant Services	$150,000
TOTAL	**$5,500,000**

PRIORITY SUP CD-17

INFLATIONARY ADJUSTMENT
MONTANA WILD AVIAN REHAB BUILDING

DEPARTMENT OF FISH, WILDLIFE & PARKS
$550,000

This project was approved in the 67th legislative session to provide authority only to construct new bird enclosures at Montana Wild. This request adds additional necessary funding to complete the project.

Our current facility is not up to standard necessary to permanently house education raptors or rehabilitate raptors and isn't conducive to education programing for the public.

The proposed project would include a new 4,800 square foot building, a visitor trail and viewing area, water hydrant, wastewater collection and storm drain controls. The building is a pole barn style construction with 18 rooms on the west side that will house the education birds, and 7-10 rooms on the east side that will house raptors in for rehabilitation. A walkway in between the rehab and education bird enclosures is part of the design to allow easy and safe volunteer/staff access to the enclosures. The visitor trail and viewing area will provide public access to view the education birds and hold outside live raptor education programs.

The cost of project has gone up due to city permitting requirements and the cost of building materials and construction increasing by 20-30%, therefore the division is requesting this additional capital federal authority Pittman-Robertson funding to complete the rehab raptor portion of the facility.

To date over $400,000 in private donations have been received towards this project. The remaining authority will be PR funding. This request will have a reduction to the private funds previously acquired and an addition of the federal funds necessary to complete the project. Operations and Maintenance funding were received last session for this project.

FUNDING		
Original Appropriation	Authority	$600,000
Inflationary Adjustment	***Federal Special***	***$550,000***
TOTAL		**$1,150,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$540,000
Inflationary Construction Costs	***$550,000***
Consultant Services	$60,000
TOTAL	**$1,150,000**

PRIORITY SUP CD-18

INFLATIONARY ADJUSTMENT
BILLINGS AFRC UNHEATED STORAGE

DEPARTMENT OF MILITARY AFFAIRS
$92,416

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will build an unheated storage building for protective storage of equipment. The Billings AFRC has inadequate unheated storage space for the equipment used in support of the mission of Montana Army National Guard. This project will add 3510 square feet of hard surface parking for military equipment thus facilitating the proper storage type and space to prevent failures due to cold temperature operations.

Exposure to harsh weather conditions damages unprotected military vehicles and equipment, shortening their useful life. Shipping containers provide temporary protection for some equipment. Providing additional and more permanent storage will protect vehicles and equipment and extend their useful life.

The equipment composition of the units assigned to the BAFRC has changed drastically since the existing facility was constructed. Due to these changes and the increase in the assigned units strength and equipment footprint, more storage is required. Currently the facility is utilizing shipping containers that are taking up limited compound space and are inconvenient and inefficient for storing equipment and limits the ability to store essential equipment. This project would provide the additional storage space that is required for the equipment used in support of the mission of the Montana Army National Guard.

INFLATIONARY ADJUSTMENT INFO

Funding in the amount of $308,051 was appropriated in Section 3, Chapter 461, Laws of 2021 to construct 3,510 square feet of unheated building.

This project has an initial federal match of 75% federal leaving the state only paying 25%, but the project cannot be realized without additional funding, which is proposed as a 50%-50% split between federal and state.

The project is anticipating federal funds in early 2023. Due to this delay in federal funding combined with the unprecedented recent cost escalation within the construction industry, an additional $92,236 is essential to complete the full scope of the project.

FUNDING		
Original Appropriation	LRBP Cash	$77,013
	Federal Special	$231,038
Inflationary Adjustment	***LRBP Cash***	***$46,208***
	Federal Special	***$46,208***
TOTAL		**$400,467**

ESTIMATED PROJECT COSTS	
Construction Costs	$277,246
Inflationary Construction Costs	***$92,416***
Consultant Services	$30,805
TOTAL	**$400,467**

PRIORITY SUP CD-19

INFLATIONARY ADJUSTMENT
HAVRE UNHEATED STORAGE

DEPARTMENT OF MILITARY AFFAIRS
$126,636

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This project will build an unheated storage building for protective storage of equipment. Currently the Readiness Center does not have adequate space for storage to be in compliance with National Guard criteria. Equipment is being stored in the maintenance bay which is causing unsafe and inefficient working conditions. Adding the additional unheated storage space will eliminate the storage in the maintenance bay. This building will be approximately 1800 square foot.

Havre Readiness Center is currently short on unheated storage; the maintenance bay is being used as a storage place, which it was not designed for. There is an increased risk of military equipment getting damaged.
To enable the training mission of the Montana Army National Guard at the Readiness Center, a storage building is required to protect equipment and prevent unnecessary damage to military equipment.

INFLATIONARY ADJUSTMENT INFO

Funding in the amount of $422,120 was appropriated in Section 3, Chapter 461, Laws of 2021 to construct 1,800 square feet of unheated building.

This project has an initial federal match of 75% federal leaving the state only paying 25%, but the project cannot be realized without additional funding, which is proposed as a 50%-50% split between federal and state.

The project is anticipating federal funds in late 2024. This delay in federal funding combined with the unprecedented recent cost escalation within the construction industry, this request for an additional $126,636 is essential to complete the full scope of the project.

FUNDING		
Original Appropriation	LRBP Cash	$105,530
	Federal Special	$316,590
Inflationary Adjustment	***LRBP Cash***	***$63,318***
	Federal Special	***$63,318***
TOTAL		**$548,756**

ESTIMATED PROJECT COSTS	
Construction Costs	$379,908
Inflationary Construction Costs	***$126,636***
Consultant Services	$42,212
TOTAL	**$548,756**

PRIORITY CD-01

COMPLIANCE UPGRADES FOR RECERTIFICATION AND DEFERRED MAINTENANCE

MONTANA STATE HOSPITAL
$15,903,000

The budget for this proposed project is aimed to fund remediations of known physical plant deficiencies at the Montana State Hospital (MSH) to bring the facility back into compliance with Centers for Medicare & Medicaid (CMS) Services conditions and regulations.

This project is required for MSH to begin the CMS recertification process. DPHHS anticipates that federal funding will be restored if MSH achieves recertification.

Investing in MSH to comply with CMS regulations is important to advance a stronger behavioral health system in the state by improving the financial standing of the facility which in turn allows for adequate investment in the level and quality of care provided.

MSH lost CMS certification in March 2022, resulting in an approximate $8 million annual loss of revenue to the General Fund. Renewed CMS compliance and recertification will allow DPHHS to recover this revenue and continue making important investments in this care setting.

This budget will be used to specifically invest in capital and physical infrastructure needs, as part of broader improvements that have been needed for a long time. MSH requires HVAC repair, medical clinic upgrades, roof repair and other investments to meet standards required for recertification.

MSH is the state's safety net for individuals needing acute inpatient psychiatric treatment. MSH is also a critical component of the state's criminal justice system, supporting evaluations and restoration of competency. Given the importance of MSH as a safety net and its role within the criminal justice system, investing in MSH's CMS certification efforts is an imperative first step to strengthening the behavioral health system in Montana.

FUNDING	
LRBP Cash	$15,903,000
TOTAL	**$15,903,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$14,312,700
Consultant Services	$1,590,300
TOTAL	**$15,903,000**

PRIORITY CD-02

REPLACE LOW-SIDE HOUSING

MONTANA STATE PRISON
$135,000,000

This project proposes to replace the low-side housing units A, B, C, and D, and the associated campus infrastructure upgrades to support the new build at Montana State Prison (MSP) in Deer Lodge. These housing unit facilities have exceeded their life-expectancy and would require significant investment to upgrade to current standards.

From an operational perspective, the MSP facility is at its capacity limit and needs added capacity to function securely, safely, and efficiently. The designed capacity of MSP is 1,040 beds and currently houses approximately 1,600 inmates. The existing low-side housing units are outdated, energy inefficient, in poor condition and require on-going maintenance by DOC staff to remain online. Because of the age, size and configuration of Units A, B, and C, they house 576 offenders in 36 small 8 cell/16 bed units with limited program space and no accommodations for persons with disabilities. These units are inefficient for staffing, preclude direct supervision of inmates by correctional staff which sacrifices enhanced safety and treatment of inmates. Unit D is a larger unit housing 96 inmates and provides accommodations for persons with disabilities. Supervision of inmates in Unit D is also difficult due to its two-level panopticon plan and overall size. All four units have limited programming space. They do not allow for a direct line of sight by custody staff to all offenders. Operationally, they can only be operated efficiently on an interim supervision basis – that is with only periodic supervision by custody staff making “rounds” to provide adequate supervision.

Replacement of the aged and inefficient existing low-side housing units with new up-to-date housing units impacts both the delivery of MSP programs to incarcerated individuals and security and safety for correctional staff and offenders alike. Direct, line-of-sight supervision by correctional staff will be accommodated. Each unit will contain adequate inmate programming and treatment space and accommodations for persons with disabilities. The increased housing unit capacity will permit MSP to better fulfill its current mission relating to programs and operations, increases to operational effectiveness and staffing efficiency, and providing more efficient security protocols, resulting in increased safety and security for correctional staff, inmates and the public.

FUNDING	
LRBP Cash	$135,000,000
TOTAL	**$135,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$121,500,000
Consultant Services	$13,500,000
TOTAL	**$135,000,000**

PRIORITY CD-03

BEHAVIORAL HEALTH INITIATIVE

DEPARTMENT OF HEALTH & HUMAN SERVICES
$113,000,000

This budget request is aimed at strengthening Montana's behavioral health care continuum via more localized and modernized settings that offer an alternative to today's state-run health care facilities and meet the demand for acute inpatient treatment observed by the state. The Department of Public Health and Human Services (DPHHS) remains focused on offering settings that are person-centered, trauma-informed, and clinically appropriate for its patients. This request will help augment and right size elements of the state's existing behavioral health delivery system, as well as reduce the footprint of certain state-run health care facilities that do not have access to adequate health care workforce pools and must over rely on expensive contract staff.

- DPHHS intends to establish two inpatient facilities in separate, urban regions to address a significant lack of access to appropriate levels of care that meet both acute and chronic needs of persons with severe mental illness. This funding would also help establish a modern, less restrictive 12-bed intermediate care facility for individuals with intellectual disabilities.
- DPHHS intends to contract for the clinical management and operations of such facilities, as well as consider the acquisition and repurposing of existing health care infrastructure in addition to the merits of pursuing new construction.

Inflationary factors related to health care and clinical labor costs, as well as those associated with capital and land costs in Montana, are extremely dynamic. These factors will likely continue to evolve, and the current request is a best estimate that may change in the future. To advance the establishment of three facilities through the acquisition of existing infrastructure and/or new construction, DPHHS and the Department of Administration request $113,000,000.

FUNDING	
LRBP Cash	$113,000,000
TOTAL	**$113,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$101,700,000
Consultant Services	$11,300,000
TOTAL	**$113,000,000**

PRIORITY CD-04

RENOVATION OF CAPITOL COMPLEX OFFICES (ROWS)

DEPARTMENT OF ADMINISTRATION
$50,000,000

Facilities on the Capitol Complex have not realized a space and systems renewal investments for many decades. The existing non-alignment with the modern workspace and modern workforce has resulted in tremendously inefficient legacy floor plans which negatively impacts productivity while also keeping operational costs high. Spaces need to be strategically "right-sized" to make a lasting impact on efficiencies, performance, and long-term cost reduction.

This proposal brings together findings from the MT ROWS (Remote & Office Workspace Study) project appropriated by the 67th Legislature and gathers insights from departments to provide a high-impact return on investment aligned to the MT ROWS workspace/workforce transitions and space utilization values.

Guiding principles are consolidations in current state-owned space, centralization of departmental functions for operational efficiencies, prioritization of key locations to maximize enterprise-wide goals, and coordination with expirations of existing leases.

The approach presented here balances opportunities from telework implementations, lease cost avoidance, and workplace renovations with a much-needed infusion in Montana's neglected state-owned facilities, and a corresponding reduction in the deferred maintenance backlog, in order to bring state employees onto the Capitol Complex from leased locations in Helena.
Key objectives of the ROWS effort:

1. reduction of leased space and leasing costs thereby improving state agency operating budgets (i.e. long-term leasing is proven to be more costly than state-owned space)
2. maximize workforce efficiencies, recruiting, and retention through telework where appropriate
3. modernize the current state-owned workspace environment to maximize on-site workforce efficiencies; and
4. reduce the deferred maintenance backlog.

Objectives will be achieved through integrating strategic, enterprise-wide co-locations as agencies adjust to telework and relocate from leased space into state-owned space. While key leases will always remain part of functional strategic plan, occupancy may change given agency needs and co-location opportunities aligned to the broader enterprise vision. This will result in some instances of agencies moving out of less strategic leases and into locations that the Department of Administration has identified as mission-critical or crucial for agency needs and citizen accessibility.

Crucial to the success of this approach is an initial investment of low- to mid-level impact renovations and renewals, which may include but is not limited to four Capitol Complex buildings

FUNDING	
LRBP Cash	$50,000,000
TOTAL	**$50,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$45,000,000
Consultant Services	$5,000,000
TOTAL	**$50,000,000**

including Cogswell, Mitchell, Walt Sullivan, and Metcalf at a projected cost of $55,182,476. While these are the presently identified locations providing the highest initial return on investment, the Department will continue to analyze and measure the strategic plan against agency workforce needs, lease expirations, and the like and may adjust the appropriation and renewal locations accordingly.

Renovation and renewal costs per building are outlined below:

RENOVATION COSTS	
Cogswell Building	$3,799,661
Mitchell Building	$5,028,366
Walt Sullivan Building	$1,999,981
Metcalf Building	$3,664,213
TOTAL RENOVATION COST	**$14,492,222**

RENEWAL COSTS	
Cogswell Building	$16,441,134
Mitchell Building	$14,672,338
Walt Sullivan Building	$5,272,132
Metcalf Building	$4,934,654
TOTAL RENEWAL COST	**$41,320,258**

Completing the projects outlined in this proposal enables the consolidation of 13 leases totaling 218,969 square feet. The total rent obligation over 10 years is $37,307,818 -a significant portion of which can be avoided by releasing leases and consolidating employees into state-owned space.

The total project cost-benefit summary is outlined in the table below:

PROJECT COST SUMMARY	
Total Renovation Cost	$14,492,222
Total Renewal Cost	$41,320,258
TOTAL PROJECT COST	$55,182,480
Contingency Allowance	$4,187,520
16-year Lease Cost Avoidance	$63,172,820
Break-Even Point	Year 16

PRIORITY CD-05

STATE CAPITOL BUILDING IMPROVEMENTS

DEPARTMENT OF ADMINISTRATION
$26,316,458

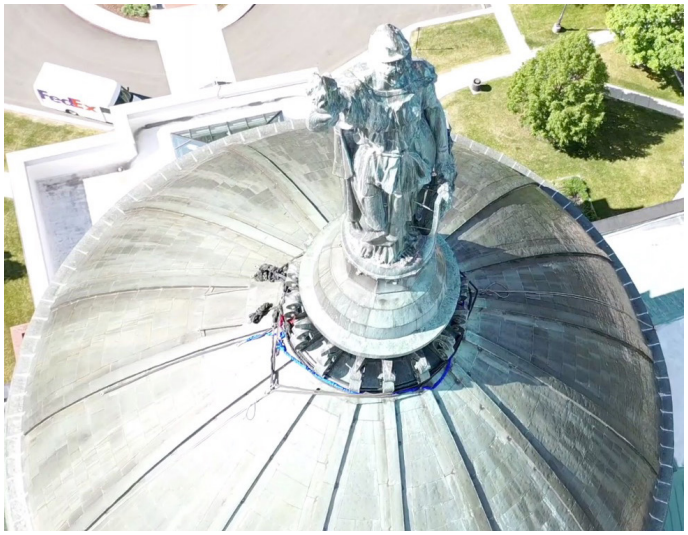
The Montana State Capitol, locally known as the “Peoples House”, is Montana’s grandest public space. Completed in two phases in 1902 and 1912, it stands as a symbol of progress for the state of Montana and its government. Restorative maintenance is necessary to ensure this iconic Montana landmark is preserved for future generations.

Except for the interior restoration completed in the 2000s, historically preservation of the Capitol has been reactive and piecemeal. A comprehensive condition assessment of the building was performed in 2020 by Hennebery Eddy Architects. The assessment detailed the building’s deficiencies, enabling prioritization, planning, packaging and estimates for future improvements projects. The assessments were summarized:

- Priority 1 (Roof)
- Priority 2 (Exterior)
- Priority 3 (Interior & Systems)

Documented as the highest priority in the condition assessment, this request proposes to complete Priority 1 (Roof) which address long-term deferred maintenance and past piecemeal repair methods applied to roof systems and components that shield the Capitol Building structure, interior finishes, occupants, and irreplaceable artwork from weather infiltration.

The most prominent roof component, the copper-clad dome, exhibits extensive hail damage, deteriorated solder seams, and a history of incompatible repairs. A full replacement of the copper sheet metal system is recommended, including panel bands at the drum, pediments, cornices, and ornament. “Montana”, the statue atop the dome, and the standing seam copper roofs suffers deterioration



and damage. The statue must be removed for restoration and reinstalled with strengthened attachments and the standing seam copper roofs replaced. The remaining original skylights are at the end of their service life. The east and west wing skylights have unsupported brick and/or granite infill walls. The infill walls should be supported, and the skylights replaced to restore the potential for future daylighting. The membrane roofing systems exhibits adhesion problems, holes, sealant failure, and improper flashing at all areas except for the recently replaced west wing and should be replaced, matching the specifications of the west wing roof. On the east wing where membrane roofing wraps up the back of the granite and sandstone parapets, failing materials and moisture infiltration require installation of a new roof and termination detail. To meet current code, any of these parapets taller than 2'-6" will require to be upgraded with out-of-plane bracing.

Like the parapets, the sandstone masonry at the dome base is in fair to poor condition. The composition of the stone itself is the root cause of the decline. Given the extensive surface deterioration and universally failing past repairs to the sandstone, full replacement or a hybrid of repair and replacement should be considered to address continued systemic deterioration. Additionally, the granite veneer on the west elevator penthouse should be retrofitted with steel reinforcing and roof-to-wall connections installed throughout the entire roof system as part of a voluntary seismic upgrade to address potential life safety hazards.

Funding authorization for this request will initiate the momentum to complete the restorative maintenance of the "Peoples House". Restoration of the dome, roof and skylight systems, sandstone, and granite will ensure the Montana State Capitol remains an iconic landmark for Montanans well into the future.

FUNDING	
LRBP Cash	$26,316,458
TOTAL	**$26,316,458**

ESTIMATED PROJECT COSTS	
Construction Costs	$23,684,813
Consultant Services	$2,631,645
TOTAL	**$26,316,458**

PRIORITY CD-06

SEEDLING NURSERY CAPITAL INVESTMENT

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$2,797,320

This project will upgrade the headhouse, pave access roads, upgrade coolers and freezers, and construct a deer exclusion fence.

The Seedling Nursery facilities were constructed in the 1950's with some additions to infrastructure in the 1990's. The facilities are tied to large-scale agricultural production of trees and plants for conservation.

Updates are needed to support increases in production and new programs. There has not been investment in the facilities in decades, and current demand for seedlings, plants and seeds is increasing rapidly.

Headhouse
The head-house is the greenhouse operations mechanical center. It is a high moisture environment and the building is rotting because moisture management was not incorporated into the original design. This structure is critical to the production of all containerized plants produced at the nursery. The renovation will accommodate climatic conditions inherent to greenhouse production. Appropriate materials and moisture management systems will ensure the integrity of the building.

Access Roads
Current access roads to these greenhouses are dirt. They are highly saturated from seasonal rain and snowmelt during our spring sowing operations, precluding the use of forklifts. Many components of the sowing operation must therefore be done manually. This increases the need for short-term seasonal labor and adds substantial time to sowing operations. Upgrading these surfaces to pavement will reduce operational costs associated with sowing and greatly improve the efficiency of our sowing operation.

Cold Storage
Cold storage is critical to the nursery's operation. Aging coolers and freezers will be upgraded with new condensing units, moisture control and updated electrical service, increasing storage capacity to meet the increased storage demand from our planned increases in production. Backup systems will protect the valuable resources stored in them. The cold storage retrofit also has efficiency gains for the operation. Staff will be able to load and unload seedlings with forklifts onto racks in this retrofitted freezer. Currently staff are hand loading into smaller coolers.

Fencing
Deer destruction of sellable crops has become increasingly problematic and diminishes our capacity to serve Montanans as well as limiting our income stream. The deer exclusion fence will allow us to continue to produce plant material that cannot be produced in greenhouses.

FUNDING	
LRBP Cash	$2,797,320
TOTAL	**$2,797,320**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,517,588
Consultant Services	$279,732
TOTAL	**$2,797,320**

PRIORITY CD-07

WATER LINE REPLACEMENT

MONTANA STATE PRISON
$3,000,000

The project will upgrade the water supply system at the Montana State Prison to meet current and future water requirements in all buildings while meeting current water standards and fire flow requirements.

The Montana Men's Prison was built in the 1980's including the water supply piping to each building. As the prison has grown, the water supply piping does not meet current fire flow requirements or current public water design standards.

The distribution system is a comprised pipe network with pipe diameters ranging from 1,090 lineal feet of 3-inch pipe, 8,466 lineal feet of 4-inch pipe, 13,707 lineal feet of 6-inch pipe, 14,988 lineal feet of 8-inch pipe, and 5,770 lineal feet of 10-inch pipe with pipes being materials primarily comprised of PVC, galvanized steel, and suspected asbestos pipe. An engineering consultant report recommends upgrading all 3" and 4" pipe to 6" pipe to meet fire flow requirements. Without these upgrades, MSP may face actions/citations from the State Fire Marshall and the DEQ. There is not enough water flow to adequately fight fires, and there is possible water supply contamination from old and broken pipes.

Upgrades to the water supply system including new piping, proper back flow prevention, proper fire hydrants, and other improvements will ensure that the DOC can appropriately respond to fire situations and eliminate any concern with non-compliance with fire codes and environmental requirements.

DOC applied for and was awarded an ARPA water system grant for $2,000,000 which has assisted in commencing design and addressing some deficiencies. This $3,000,000 request will be added to the federal grant funding to continue upgrades to the overall system.

FUNDING	
LRBP Cash	$3,000,000
TOTAL	**$3,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,700,000
Consultant Services	$300,000
TOTAL	**$3,000,000**

PRIORITY CD-08

ENTRY / STAFF SERVICES ADDITION TO WALLACE BLDG

MONTANA STATE PRISON
$12,800,000

This project funding request proposes to build an addition to the Wallace Building at Montana State Prison (MSP). The addition will provide much needed space for staff training, physical conditioning, and sleeping accommodations.

Training, physical conditioning, and sufficient rest are important characteristics to maintaining employee safety, morale, and general wellbeing, The layout of the existing Wallace Building is inadequate in providing available training and physical conditioning space dedicated for staff. Many MSP staff commute from Butte, Anaconda, or farther distances due to the lack of available housing in Deer Lodge. There are no accommodations for staff to rest when inclement weather conditions make commuting dangerous or when they are required to work long or multiple shifts. Insufficient sleep can pose health and safety risks for staff who must think clearly and act quickly to diffuse difficult situations. Providing improved training and physical conditioning facilities and sleeping quarters as employee resources to support the well-being and safety of staff may also be considered a “perk” to aid in employee recruitment and retention.

Employee recruitment and retention continues to be a challenge for the department. Constructing the Wallace Building Addition with the amenities proposed is one of many creative approaches by DOC to solve on-going staffing issues. The ability for DOC to maintain baseline staffing and reduce the need for multiple shifts and overtime requirements will in turn balance the safety and security of DOC staff, the public and individuals in custody, as well as sustain the overall safety and security of the MSP facility.

FUNDING	
LRBP Cash	$12,800,000
TOTAL	**$12,800,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$11,520,000
Consultant Services	$1,280,000
TOTAL	**$12,800,000**

PRIORITY CD-09

REPLACE ROOFS

MONTANA STATE PRISON
$5,600,000

This project will replace roofs on the Restricted Housing Units, Infirmary Unit, Low Side Visiting, High Side Gym, High Side Kitchen, Wallace Building, and Unit F.

As part of the development of a Strategic Development Master Plan for Department of Corrections facilities, buildings at the Montana State Prison (MSP) were surveyed by consultant Cushing Terrell's team of architects and engineers to develop a long-range framework for facility improvements. The report indicated that most buildings are not aging well and suffer from extensive deferred maintenance and hard use 24 hours a day, 7 days a week. Roofs in particular were noted as needing immediate attention with recommendations for the following buildings:

Restricted Housing Units
Removal of ballasted membrane and installation of a new single-ply reinforced membrane system, insulation, flashings, and associated sealants.

Infirmary Unit 1
Installation of new single-ply reinforced membrane roofing system, direct to deck rigid insulation, flashings, and associated sealants.

High Side Gym
Removal of foam over roof over metal building panel roof. Installation of a new metal deck over metal building panel roof, vapor barrier, insulation, membrane, flashing, and sealants as applicable.

Wallace Building
Removal of single-ply membrane assembly to metal deck. Installation of a new single-ply membrane, rigid insulate and flashings.

Unit F
Removal of existing asphalt shingles. Installation of new asphalt shingles, slip sheet, ice and water shield, flashings and fascia trim.

FUNDING	
LRBP Cash	$5,600,000
TOTAL	**$5,600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,040,000
Consultant Services	$560,000
TOTAL	**$5,600,000**

PRIORITY CD-10

XANTHOPOULOS BUILDING REPAIRS

DEPARTMENT OF CORRECTIONS
$2,950,000

The Xanthopoulos Building, a Department of Correction facility located on the campus of Montana State Hospital in Warm Springs, needs miscellaneous facility maintenance and repairs, particularly replacement of the existing roof, to prevent further damage to the building and ensure continued use by DOC for the WATCh program.

WATCh provides community corrections chemical dependency treatment program services to adult male felony fourth and subsequent DUI offenders. Although the program is a treatment program, individuals at the facility are still offenders. The X-Building is a secure facility with the capacity of 115 individuals. As a cost-effective sentencing alternative, individuals receive treatment in lieu of extended stays in jail or prison. Providing miscellaneous maintenance and repairs to and replacing the roof on the X-Building will ensure its future use for programs like WATCh.

The existing roof system on the X-Building has exceeded its useful life expectancy. Leaks continue to develop and are patched. Because of the age and condition of the roof membrane, the roof will continue to deteriorate. Leaks will continue to occur. Until the roof system is replaced, damage to the building structure and interior finishes will continue, resulting in costly future repairs and replacements to the building and posing health and safety risks to offenders and staff occupying the building.

Included in this request are repairs to various building components (i.e., existing exterior stucco finish, loading dock repairs, etc.) and interior building finishes damaged by the roof leaks (i.e.,

insulation, ceiling tile, wall finishes, paint, floor coverings, etc.). Installation of a new fire alarm system and replacement of the backup generator will provide crucial life safety improvements to the facility.

FUNDING	
LRBP Cash	$2,950,000
TOTAL	**$2,950,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,655,000
Consultant Services	$295,000
TOTAL	**$2,950,000**

PRIORITY CD-11

NEW MULTI-PURPOSE PROGRAMS BUILDING

MONTANA STATE PRISON
$9,000,000

This project request is to construct two new multi-purpose buildings in the high-security section of the Montana State Prison. These facilities would enhance educational and treatment programming opportunities for hi-security inmates.

Currently there is a significant shortfall of programming space available for high-security inmates. These facilities would enhance educational and treatment programming services offered at Montana State Prison. Basic education offering such as HiSET and college bridge classes would be expanded, increasing capacity to accommodate current waiting list requests. Based on labor market data, vocational training would be offered in conjunction with career pathway potentials and available/logical industry partnerships (all of which are continually evolving). Offering of Cognitive Behavioral Therapies addressing substance abuse and mental health and wellness groups would also be expanded to meet current demands.

The addition of these buildings on the Montana State Prison campus will provide the needed space to address the shortfalls in educational and treatment programming opportunities for high-security inmates. The proper siting and locations of these facilities will increase the overall safety and security of the campus by reducing the amount of movement required by offenders to access these programs.

FUNDING	
LRBP Cash	$9,000,000
TOTAL	**$9,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$8,100,000
Consultant Services	$900,000
TOTAL	**$9,000,000**

PRIORITY CD-12

GREAT FALLS JOB SERVICE BUILDING RENOVATION

DEPARTMENT OF LABOR & INDUSTRY
$5,767,880

This project will address multiple issues including asbestos abatement, structural deficiencies, HVAC, water infiltration, roofing, and aesthetic upgrades.

The Great Fall Job Service Building, constructed in 1969 with an addition in 1991, has 3 floors and a full basement with a total area of 18,660 square feet. This building is used as office space for 25 Job Service employees, plus office space for other DLI agency and Community partners. This is a publicly accessible building, with clients coming into the building to work directly with workforce consultants, meet with case managers, and access other resources. There are six different conference rooms which are available for training, staff use, for community use, for meeting with local partners and service providers. Utility services and storage in basement.

Job Service Great Falls is housed in a 50+ year old building which has developed serious structural, and mechanical issues over time mainly because of ground water. Additionally surface rain and snow melt adds another water issue that needs mitigating through adding underground drain tile and positive drainage in the south parking lot. In April 2022 the sprinkler system failed inspection as did our 4 boilers in May. Poor ventilation has been an issue and was especially a problem during the pandemic with health officials stressing the need for improvements to the system. Asbestos remediation (floors and ceilings) is needed as well as foundation repairs, upgrades to the HVAC system, and a new roof membrane.

This proposed project will solve the numerous structural and mechanical issues. It will not only remedy those issues but also ensure a healthy, safe, and effective work environment with cleaner air, and a facility with enhanced functional workspaces, conference rooms, and renovated group-use areas. The remediation of these structural issues will also ensure a more energy efficient and reduced-cost facility that will increase the capacity for usage of the building by our workforce partners and community.

FUNDING	
LRBP Cash	$5,767,880
TOTAL	**$5,767,880**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,191,092
Consultant Services	$576,788
TOTAL	**$5,767,880**

PRIORITY CD-13

WATER & SEWER SYSTEMS

FLATHEAD LAKE BIOLOGICAL STATION
$2,500,000

This project would install a new water supply and purification system and replace lift pumps and sewer piping to and from the waste treatment plant.

FLBS's water supply system is at least 70 years old, and its origin predates anyone's memory. The water system originates from a spring on the grounds, travels through steel pipes to a cistern, then to a large steel pressure tank inside the workshop building from where it is distributed to individual buildings. The wastewater treatment plant and associated delivery systems (sewage influent and treated water effluent) were constructed in 1976. The treatment plant is scheduled to be replaced but the sewer lines to and from the plant are original.

The existing water supply system is at the end of its useful life and needs to be upgraded to meet current environmental and engineering standards. Also, the existing wastewater piping and infrastructure to the new wastewater plant is at the end of its useful life and needs upgrading. The water system pumps are starting to fail, and the old steel components (including the large steel pressure tank) are corroding and at risk of failure. The sewage treatment plant is scheduled to be replaced, however lift pumps are regularly failing and there is evidence of cracked underground pipes and tree roots compromising sewer flow, regularly causing backups in several buildings.

To assure safety of our drinking and laboratory water supply, the 70+ year old water supply infrastructure needs to be replaced and the filtration upgraded to a UV purification system.

The sewer lines to and from the treatment plant need to be replaced to reduce the risk of a sewage spill and environmental contamination to the lake.

FUNDING	
LRBP Cash	$2,500,000
TOTAL	**$2,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,250,000
Consultant Services	$250,000
TOTAL	**$2,500,000**

PRIORITY CD-14

ROOF REPLACEMENT

MONTANA WOMEN'S PRISON
$5,000,000

This project will replace all roofs at the Montana Women's Prison.

MWP is a 250-bed secure facility near downtown Billings that houses approximately 225 felony inmates. The facility provides a secure environment that offers evidence-based programming designed to assist them when they transition back to Montana communities.

Recent inspections found issues on all roofs:

Main Building: Sloped metal standing seam roof assembly with some EPDM membrane. Seams and flashings at curbs are having issues. Main leaking is coming from the steel roof at equipment curbs, edge flashings, and seaming of steel roof members. Insulation is assumed to be original to the building and will be assessed to determine if replacement is needed. The original dark bronze color of the metal roof has faded.

Chapel: EPDM membrane roof. Leaks throughout with damage on the inside. Exterior envelope damage with failed seals at EIFS system has contributed along with roof to damage on inside. Moisture has been penetrating the EIFS system for years. Repair

work will be done as needed on EIFS envelope along with roof redo.

Industries: Hypalon membrane roof is at the end of its useful life. The membrane fabric has areas where mold & mildew is growing. Membrane flashings at curbs, parapet conditions deteriorating. Membrane is chalking whereas the scrim reinforcement is showing through the membrane.

Main Tower Housing: Hypalon membrane roof experiencing issues around equipment and membrane deterioration throughout. Membrane flashings at curbs, parapet conditions deteriorating. Membrane is chalking whereas the scrim reinforcement is showing through the membrane.

FUNDING	
LRBP Cash	$5,000,000
TOTAL	**$5,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$4,500,000
Consultant Services	$500,000
TOTAL	**$5,000,000**

PRIORITY CD-15

BILLINGS READINESS & INNOVATION CAMPUS

DEPARTMENT OF MILITARY AFFAIRS
$12,840,000

This project will acquire land and complete 35% project design for the Billings Readiness and Innovation Center (BRIC). The BRIC will consist of an interagency coordination center, cyber center, readiness center, Limited Army Aviation Support Facility (LAASF), field maintenance site, barracks, dining facility, training center, and classrooms.

Eastern Montana represents the largest geographic area in the U.S. without military aviation assets for civil emergency response. MTARNG currently supports a single Aviation Support Facility in Helena, which creates a coverage gap of 77,000 square miles impacting MTARNG's ability to support the communities in eastern Montana. Citizens needing emergency response in the gap will suffer at least a 3-hour delay which in the time of emergency equates to life or death for those counting on rapid response. DMA plans to construct a Readiness and Innovation Center in Billings to alleviate the limitations on the MTARNG's ability to protect and respond to emergencies affecting citizens in eastern Montana. This appropriation will be leveraged to obtain $180M in federal funds.

DMA is requesting an appropriation of $8,000,000 to acquire land and $4,840,000 to complete 35% project design for the BRIC. Obtaining federal funds to build the BRIC requires two state actions: the land must be purchased, and 35% project design must be complete. Through this appropriation, DMA will meet the federal requirement that allows DMA to leverage state funds to obtain $180,000,000 in federal funding to build the BRIC. The 35% design funding of $4,840,000 is subject to reimbursement through funding administered by the National Guard Bureau.

State appropriation for land purchase and 35% project design is required to leverage state funds to obtain federal funding for the BRIC. DMA obtains construction (MILCON) funding through a competitive process in which 54 states and territories submit project applications to the National Guard Bureau (NGB), which are then scored and prioritized based on project metrics. NGB Regulation 415-5 requires the state to purchase the land to support a proposed construction project. Additionally, states are competitive in the MILCON funding process only if the state has achieved 35% project design.

The BRIC development aligns with responsible use of state funds in that the majority of the $180M infrastructure cost will be 100% federally funded and will receive federal funding for operations.

FUNDING	
LRBP Cash	$12,840,000
TOTAL	**$12,840,000**

ESTIMATED PROJECT COSTS	
Land Acquisition	$8,000,000
Consultant Services	$4,840,000
TOTAL	**$12,840,000**

PRIORITY CD-16

CLEARWATER REPLACEMENT BUNKHOUSE

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$1,189,178

This project will construct a bunkhouse to replace the existing 1910-era cabin and 14-foot by 66-foot mobile home connected by a framed-in breezeway.

The current 2,500 square foot bunkhouse consists of two uninsulated buildings and an uninsulated breezeway. It is currently used as seasonal housing for forestry technicians and wildland firefighters.

Existing bunkhouse issues:

- Privacy and safety is compromised due to the small number of bathrooms, the inability to assign bathrooms to separate sexes and a current lack of effective bathrooms, closets, and bedroom door locks.
- Egress deficiencies
- The current bathroom configurations, two showers and toilets total, are inadequate for the number of seasonal workers preparing for shift every morning.
- The current structures are not ADA compliant.
- The structures can't be fully utilized for year-round work due to lack of insulation.
- Alternate housing for extended season use is unavailable due to the Clearwater Unit's remote location, a lack of area rentals and expensive housing prices.
- Both structures have a persistent rodent problem causing unsanitary living conditions.
- The single living room in the older bunkhouse can't fit the total bunkhouse inhabitants resulting in a lack of shared space. This causes difficulty in staffing after hour on-call shifts during fire season.
- Poor ventilation and old, hard-to-clean surfaces impede disinfection efforts.

Constructing a new two-story bunkhouse will provide

- Living quarters for up to 14 inhabitants
- Secure, separate, and adequately sized bathroom facilities for men and women
- Secure bedrooms and closets
- ADA compliant accommodations
- Proper new construction and insulation to allow for year-round housing for better recruiting and retention of employees
- Decrease in rodent presence
- Adequately sized living room and kitchen spaces
- Adequate ventilation

FUNDING	
LRBP Cash	$1,189,178
TOTAL	**$1,189,178**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,070,260
Consultant Services	$118,918
TOTAL	**$1,189,178**

PRIORITY CD-17

ANACONDA BUNKHOUSE

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$1,180,962

This project will construct a new bunkhouse for seasonal firefighters to replace the existing old, converted rail which lacks bathrooms, running water and training space.

The existing bunkhouse structure is a 12' x 24' rail car that was previously in an Anaconda Company Logging camp and was moved to the present site in 1959. The rail car was converted into a two-room facility with 4 single beds. Within the existing facility there is no privacy and no running water. The facility is heated by a small gas furnace. The facility hasn't been used for several years as it does not provide adequate living space for seasonal employees.

Historically, the Anaconda Unit has been fortunate to hire local residents that do not need to stay on site. However, the past several years, local residents applying for seasonal fire fighting positions has diminished with zero local applicants in 2022. This trend is expected to continue. To assist with recruitment and retention of employees, adequate housing is necessary.

This project will construct a new 3,000 square foot bunkhouse facility with 3-4 bedrooms, two bathrooms, kitchen, living room space as well as a training room. The existing bunkhouse will be demolished.

The new facility will provide:
- Living quarters for up to 4 inhabitants,
- Secure, separate, and adequately sized bathroom facilities for men and women,
- Secure bedrooms and closets,
- ADA compliance,
- Insulation and building standards compatible with year-round use,
- Adequately sized living room and kitchen spaces for better social distancing,
- Ventilation and surfaces more conducive to disinfection efforts, and
- A structure that is in character with the site and other structures.

Without an adequate bunkhouse for seasonal firefighter staff, DNRC has restricted recruiting potential to local community only.

FUNDING	
LRBP Cash	$1,180,962
TOTAL	**$1,180,962**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,062,865
Consultant Services	$118,097
TOTAL	**$1,180,962**

PRIORITY CD-18

NORTHEASTERN LAND OFFICE FIRE READY ROOM

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$445,491

This project will replace a 1960's 14' X 66' trailer with a constructed or modular building with bathrooms, a kitchen, and a large ready room.

The current structure is a 925 square foot 1960's vintage single wide mobile home which serves as a ready room and office space for emergency firefighters being staffed at the Northeastern Land Office in Lewistown. The NELO has used the donated trailer for 40 years, but the facility has exceeded its life expectancy and must be replaced.

Issues with the current building include:

- Cold water only bathrooms not OSHA compatible for hygiene.
- Multiple doors and windows with broken seals.
- Roof leaks creating mold and damaging stored materials.
- Non-ADA compliant.
- Rodent infestations.
- Poor ventilation.
- Hard-to-clean surfaces.

The new facility would provide:

- Ready room for three engine crews.
- Secure, separate, and adequately sized bathroom facilities for men and women.
- ADA compliance.
- Insulation and building standards compatible with year-round use.
- Adequately sized ready room and kitchen spaces.
- Ventilation and surfaces more conducive to disinfection efforts.
- An air-conditioned area for fire fighters.

While not intended for full-time housing, the new building will allow occasional temporary housing to one or two individuals.

FUNDING	
LRBP Cash	$445,491
TOTAL	**$445,491**

ESTIMATED PROJECT COSTS	
Construction Costs	$400,942
Consultant Services	$44,549
TOTAL	**$445,491**

PRIORITY CD-19

CENTRAL LAND OFFICE DISPATCH CENTER EXPANSION

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
$545,000

This project will construct an addition to the Helena Interagency Dispatch Center (HIDC) and demolish the existing 1900's-era building currently used for expanded dispatch operations during fire season.

HIDC is an interagency dispatch center providing fire wildfire dispatching services for county, state, and federal protection. Presently, these activities take place in two separate buildings. The main building, constructed in 2012, supports staff to direct communications and track fire-fighting services. The building was designed to allow for an addition to provide space for expanded dispatch operations.

This project will demolish the existing mid 1900's-era building and construct an addition to the main building where all dispatch staff and operations can be conducted under one roof. The current two individual structures are not sufficient for privacy, safety, and ADA accessibility standards.

Current building issues:
- Rotting wood floors, joists, and studs
- Leaky windows and doors.
- Mold issues.
- Not wired to support high speed internet services to communicate with HIDC staff.
- Inadequate HVAC.
- Sub-standard working space.
- Non functioning bathrooms.
- Infestation of insects and rodents.
- Building is expensive to heat and does not have air conditioning.

Construction of an addition to the existing dispatch center will support expanded dispatch operation by providing a safe and modern workspace for all dispatch staff in a single location.

FUNDING	
LRBP Cash	$545,000
TOTAL	**$545,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$490,500
Consultant Services	$54,500
TOTAL	**$545,000**

PRIORITY CD-20

OLD BOARD OF HEALTH RENOVATION (LEGISLATIVE STAFF SPACE)

DEPARTMENT OF ADMINISTRATION
$3,500,000

This project will extensively renovate the Old Board of Health building on the Capitol campus for the purposes of accomodating legislative staff needs.

The prominent Helena firm of Link & Haire (which was also responsible for the capitol's wings) designed this new home for the Board of Health. Completed in 1920, the three-story building has a total area of 8,000 square feet and features a restrained revivalist style that combines elements of Italian Renaissance Revival and Neoclassical Revival. It was the second building on the campus to house a government department outside the capitol building.

The OBH building has had minor updates and is overdue for a major renovation. The building lacks an elevator, and all 3 floors are not ADA accessible. The mechanical, electrical, plumbing and fire alarm systems are outdated and need to be replaced. The current floor plan is not conducive to modern office work.

The renovation will update the mechanical, plumbing, and electrical systems and a new fire alarm will be installed. The original layout

will be reconfigured to maximize usable space on all floors. The addition of an elevator along with larger restrooms will ensure the entire building is ADA accessible. Exterior envelope components such as roofing, windows, masonry, foundation, etc. will be evaluated to determine what components need repairing/replacing and updated.

FUNDING	
LRBP Cash	$3,500,000
TOTAL	**$3,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,150,000
Consultant Services	$350,000
TOTAL	**$3,500,000**

PRIORITY CD-21

CHECK POINT BUILDING / WALLACE BUILDING SECURITY ENHANCEMENTS

MONTANA STATE PRISON
$3,000,000

This project will enhance security and safety to the two main entry points at Montana State Prison, the check point at the main entrance to the prison campus and the Wallace Building. Security enhancements to the Wallace entry may be completed in association with the project titled "Entry/Staff Services to the Wallace Building".

The existing check point does not provide the proper logistics and security to avert high-threat access to the campus. It is located beyond existing access roads to portions of the campus, not requiring all vehicles entering the facility to be screened. This location positions the check point booth down a hill from the main road. Guard personnel's view of vehicles approaching on the main road and entering the control zone are obscured by the topography, existing buildings, and vegetation. No physical barriers are provided to effectively slow oncoming vehicles approaching the check point or protecting the booth from vehicle impact. There are no means provided to prevent unauthorized vehicle movement from the inspection zone.

Once processed and cleared at the check point, most individuals proceed to the Wallace Building. which houses MSP administration and is the primary entrance to the secure correctional environment. All staff and visitors enter/exit through the Wallace Building. Staff clock in/out and prepare to report to or from their duty station. Visitors are screened and wait in the lobby to be escorted to their destination, creating congestion and bottlenecks in the entrance area.

This project proposes to make physical improvements to increase the security and safety of the entrance lobby area, prevent unauthorized building access and reduce congestion. Reconfiguring the entry area will provide increased visibility and improve pedestrian flow for both staff and visitors. Installation of an electronic card scan system will replace the antiquated chip system for tracking employees and their duty locations, expediting the employee check in/out process. Upgrades to the current inmate count system will provide real-time counts of inmates. The door control system in the MSP secure environment will be upgraded, enhancing safety and security throughout the facility.

Once completed, these enhancements and updates to the main entry points to MSP will provide a safer environment for staff, inmates, and visitors to Montana State Prison.

FUNDING	
LRBP Cash	$3,000,000
TOTAL	**$3,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,700,000
Consultant Services	$300,000
TOTAL	**$3,000,000**

PRIORITY CD-22

HELENA READINESS CENTER HVAC & TEMPERATURE CONTROL UPGRADE

DEPARTMENT OF MILITARY AFFAIRS
$3,340,668

This project will replace the air distribution systems, pumps, chillers, exhaust fans, and heating and cooling units in the Helena Armed Forces Readiness Center (HAFRC).

Constructed between 1999 and 2002, the Helena Armed Forces Readiness Center is the largest facility at Fort Harrison at 192,890 square feet. This facility hosts the Joint Force Headquarters, including Disaster and Emergency Services, U.S. Army Reserve, Army National Guard, Veteran's Services, Montana STARBASE, and State Highway Patrol dispatch.

Many of the air and hydronic heating distribution systems are original to the building and are nearing the end of their mechanical life. The aging equipment in these facilities is operating poorly and inefficiently and as equipment ages, controls and air distribution go out of calibration and components begin to fail. It is estimated that the HAFRC is operating at 70% efficiency due to poor operating equipment and controls. The entire building is not properly balanced for both air and water. These systems have been identified in the State of Montana Army Revitalization Target program as critical deferred maintenance. The building assessment done in 2021 resulted in a rating of 60 (red) which indicates immediate replacement is necessary.

This project will remedy deficiencies identified in a retro-commissioning study completed in 2022. The upgrades are projected to save nearly $65,000 per year in utility costs. For equipment not at the end of its mechanical life, the project will recalibrate and upgrade existing controls and rebalance the air and water systems.
This project will consider new designs and technology that will improve energy efficiency and ultimately require less maintenance with new equipment due to an improved temperature control system. The improvements to ventilation, controls, and correctly working equipment will also work to increase the indoor air quality and reduce sick building syndrome. Temperature control components associated with the air distribution and chilled water systems will be replaced and energy saving control strategies implemented, including discharge air reset control and duct static pressure reset control.

FUNDING	
LRBP Cash	$798,420
Federal Special Revenue	$2,542,248
TOTAL	**$3,340,668**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,006,601
Consultant Services	$334,069
TOTAL	**$3,340,668**

PRIORITY CD-23

ACQUIRE & RENOVATE AIRPORT HANGAR

HELENA COLLEGE
$3,600,000

This project will purchase an existing 10,000 square foot hangar and renovate it for Helena College's aviation program.

Helena College cannot expand the aviation program due to lack of facilities or space to build a new facility. The aviation program is poised to expand dramatically to include avionics and possibly flight instruction to satisfy an ever-increasing need in those industries. Space for this expansion is critical.

This project will purchase an existing 1980s hangar. It consists of a 10,000 square foot building, 27,000 square feet of cargo ramp and parking space. The building will be renovated to house Helena College's aviation technology program as well as the developing avionics program.

The acquisition and renovation of this property will allow Helena College to satisfy a need for skilled people in this growing industry. It will also allow us to expand our program into many areas of the aviation industry that we currently do not have available facilities.

FUNDING	
LRBP Cash	$3,600,000
TOTAL	**$3,600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,240,000
Consultant Services	$360,000
TOTAL	**$3,600,000**

PRIORITY CD-24

STATE EMERGENCY COORDINATION CENTER EXPANSION

DEPARTMENT OF MILITARY AFFAIRS
$6,581,000

This project will complete a second story build out of the State Emergency Coordination Center located at Fort Harrison.

The Montana Disaster and Emergency Services (MT DES) division of the Department of Military Affairs is responsible for statewide disaster preparedness, mitigation, response, and recovery. MT DES operates from the State Emergency Coordination Center (SECC), the coordinating hub for collecting disaster information and meeting shortfalls created by disasters. The SECC is located at Fort Harrison, Montana.

MT DES staff pauses day-to-day preparedness, mitigation, and recovery operations to temporarily staff the SECC during a state response. The past two years highlight the functionality and importance of the SECC during emergencies in Montana because of the heavy emphasis on emergency coordination performed by DES during the COVID-19 pandemic in 2020 and the flooding in eastern Montana in 2022.
In June of 2022, SECC was forced to seek space for 48 FEMA employees and over 20 state surge employees. This expansive effort emphasizes the need for a designated SECC. The SECC, as housed in the DES office space, expanded into the auditorium and drill floors of the host building to effectively coordinate the emergency needs during the flooding events of June 2022.
One key function of the SECC after the immediate life rescuing efforts are mitigated is to assess the needs and determine an effective means to provide help to people in the affected areas. The activation of the SECC extends many months if not years beyond the actual emergency or disaster, therefore constructing a designated SECC facility is essential to successful emergency management.

MT DES and the SECC operate from a single-story structure attached to the Helena Armed Forces Reserve Center, which is a two-story structure. The single story is structurally designed to support a second-floor expansion of the SECC; when originally constructed, it was prepared with a concrete slab installed on the top of the single-story roof deck. This proposed project will complete the second story build out of the SECC by adding 11,250 square feet to provide the space necessary to conduct the SECC operations.

MT DES must be able to quickly ramp-up the SECC when needed to effectively support both state and local response efforts. Not only for the continued management of the COVID pandemic and eastern Montana flooding disaster, but for future and concurrent disasters as well. The 2nd floor expansion is key to effectively managing emergencies in Montana and to facilitating operational space when the state must surge to meet the needs of communities during and following a disaster.

FUNDING	
LRBP Cash	$6,581,000
TOTAL	**$6,581,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,922,900
Consultant Services	$658,100
TOTAL	**$6,581,000**

PRIORITY CD-25

CLAPP BUILDING RENOVATION

UNIVERSITY OF MONTANA
$37,000,000

This project will extensively renovate the Clapp Building including mechanical, electrical, and plumbing upgrades, asbestos abatement, chiller replacement, elevator upgrade, interior upgrades and envelope upgrades.

The Clapp Science Complex, constructed in 1969, is approximately 104,662 square feet, has five floors and houses various science departments in this five-story facility. The building consists of two square blocks sharing an exterior center walkway. Clapp remains a heavily used science building, teaching classes in Physics, Astronomy, Geology, Biology, Forestry, Conservation, and Climate Science. It also houses research and office space.

There have been some projects in the Clapp Building in recent years such as asbestos abatement and HVAC repairs on 3rd and 4th floors. In addition, the roof was replaced 2012. This project will complete upgrades on the entire building, abating the remaining asbestos, upgrading HVAC systems, lighting upgrades. Interior finishes and casework will be replaced, rand new student lounges constructed. Finally, the exterior transite panels will be removed and new windows & curtain wall system installed.

This major renovation will provide modern, inviting learning spaces for students, faculty, and guests. The elevator upgrade will ensure the entire building remains ADA accessible. HVAC Upgrades and an energy efficient window system will increase overall efficiency and reduce operating costs.

FUNDING	
LRBP Cash	$27,000,000
Authority	$10,000,000
TOTAL	**$37,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$33,300,000
Consultant Services	$3,700,000
TOTAL	**$37,000,000**

PRIORITY CD-26

LEWIS HALL CODE & INSTRUCTIONAL RENOVATIONS

MONTANA STATE UNIVERSITY
$31,500,000

This project will address improvements to modernize Lewis Hall, improve ADA accessibility, retire significant building deferred maintenance, and correct life-safety and code violations.

Lewis Hall, constructed in 1922, is approximately 43,845 square feet in size. In 1960, the ground floor on the west side of Lewis Hall was extended to connect with Cooley Laboratory. An enclosed, elevated walkway also connects the two buildings on the second story. In 1985, Tietz Hall was constructed immediately behind Lewis Hall which is connected to the basement. Lewis Hall contains classrooms and labs that support several instructional programs including Ecology, Microbiology and Cell Biology, and Veterinarian Medicine. Additional rooms include offices occupied by several departments including Ecology, Microbiology and Cell Biology, and Veterinarian Medicine. There are also offices and conference room on each level.

Lewis Hall's physical condition and lack of compliance with modern building codes is unacceptable for the instructional research and academic services that occupy the facility. Faculty avoid scheduling classes and lab sections in Lewis Hall because the building is not ADA accessible, and the instructional spaces no longer support modern teaching and learning. Lewis Hall requires comprehensive upgrades to life-safety and MEP systems, and the addition of an elevator to improve occupant safety and accessibility. Renovations to instructional labs and classrooms are not possible without having to address the critical life-safety, code, and deferred maintenance first. The building does not have an adequate fire suppression and alarm system, and major MEP systems are inefficient, at risk of failure, and cannot support additional capacity. The current conditions of Lewis Hall, altogether, do not fulfill the university's need for accessible and modern instructional lab and classroom space on campus.

Necessary life-safety, code and instructional renovations will transform Lewis Hall into a modern facility equipped with the necessary infrastructure to MSU programs well into the future. Renovations have the potential to nearly double the average credit hours delivered per This project will address improvements to modernize Lewis Hall, improve ADA accessibility, retire significant building deferred maintenance, and correct life-safety and code violations.

The proposed renovation will strategically address the necessary upgrades to Lewis Hall and improve MSU's ability to deliver quality education and research opportunities by renovating spaces suitable for modern instruction and research while also retiring significant building life-safety, code, and deferred maintenance.

FUNDING	
LRBP Cash	$23,500,000
Authority	$8,000,000
TOTAL	**$31,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$28,350,000
Consultant Services	$3,150,000
TOTAL	**$31,500,000**

PRIORITY CD-27

5 LAST CHANCE GULCH ATRIUM RENOVATION

DEPARTMENT OF ADMINISTRATION
$15,558,029

The Montana Department of Corrections (DOC) is the third largest department in Montana state government. The Central Services Building located at 5 Last Chance Gulch in downtown Helena houses the administrative departments of DOC. This project will provide comprehensive space planning and a complete interior renovation to the four levels of the building, maximizing staff occupancy, and improving interagency function and efficiency of DOC administrative services.

The state-owned Central Services Building houses the Director's Office and other administrative bureau and division offices for Montana Department of Corrections, and the Montana Board of Crime Control. Overall, the building is in good condition and recently received a new roof and a boiler system upgrade. In conjunction with the Remote Office Work Study (R.O.W.S), the proposed renovation plans to infill the open atrium at two levels and masterplan all four levels of the building which will result in overall improved organizational efficiency, privacy, and maximized building occupancy.

Improvements to the organization of each floor level will be based on the floor plate layout, bureau and departmental needs, adjacency program requirements, privacy, security, and occupancy. Infill of the open atrium or "donut hole" at two floor levels will increase the available net floor area and permit more efficient layout options of each floor. The physical separation created between floors by eliminating the open 3-story atrium will improve interior layout flexibility, privacy, heating & cooling, lighting, and acoustics of each level. Per agency program requirements additional offices and conference rooms will be constructed and new systems furniture installed in open office areas (currently there is no room for any additional cubicles and the existing cubicles are outdated and replacement parts are unavailable). At each floor level, existing toilet rooms will be updated and renovated, and improved access for persons with disabilities will be provided. All interior finishes (ceiling tile, paint, vinyl wall covering, flooring, etc.) will be "refreshed" throughout the building. As an integral part of the renovation, the remainder of HVAC system upgrades will be completed.

FUNDING	
LRBP Cash	$15,558,029
TOTAL	**$15,558,029**

ESTIMATED PROJECT COSTS	
Construction Costs	$14,002,226
Consultant Services	$1,555,803
TOTAL	**$15,558,029**

PRIORITY CD-28

ENGINEERING HALL FULL INTERIOR RENOVATIONS

MONTANA TECHNOLOGICAL UNIVERSITY
$8,000,000

The project will renovate, modernize, and make all spaces code compliant, including addressing major life-safety issues, and improve the overall functionality and utilization of the entire building.

Engineering Hall, constructed in 1923, is 13,727 square feet and houses classrooms, computer labs and faculty offices that are core to the mission and heritage of Montana Tech. The building is dated with systems that are well beyond their expected useful life and does not meet current codes. There have not been extensive renovations or substantial upgrades since its construction in 1923.

An extensive renovation of this building will allow Montana Tech to address the issues of accessibility, allowing all students, faculty, and staff to access the features and offices of the 2nd floor. Computer lab space will be expanded for the benefit of all students. Restrooms will be enlarged to meet ADA requirements and updated with new fixtures and finishes. The addition of an elevator will make the entire building ADA compliant.

This project will support our campus space use and analysis plan developed by consultant NAC Architecture. To facilitate the plan, Engineering Hall needs a thorough renovation and restructuring to make it accessible, update instructional and lab space and to accommodate the changing academic needs of the institution to comply with current codes and yet maintain the historic nature of this building.

FUNDING	
LRBP Cash	$8,000,000
TOTAL	**$8,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$7,200,000
Consultant Services	$800,000
TOTAL	**$8,000,000**

PRIORITY CD-29

MAIN HALL REMODEL & RENOVATION

MONTANA TECHNOLOGICAL UNIVERSITY
$30,000,000

The project will renovate and modernize Main Hall, making all spaces code compliant, address major life-safety issues, and improve the overall functionality and utilization the building.

Main Hall, built in 1896, has 37,794 square feet and is Montana Tech's oldest building containing 6 classrooms, faculty offices, and specialty laboratories. It is the crown jewel of the center of campus and is part of the Butte National Historic Landmark and Montana Heritage Properties. Its historical significance and structurally sound condition make it a good candidate for a major upgrade. The building is not ADA accessible, has outdated and inadequate mechanical and electrical systems, and has a floor plan that is not conducive to modern learning.

The renovation will sensitively reinforce the building's historic character and be designed for classroom and instructional use, while eliminating deficiencies in the building's HVAC, plumbing and electrical systems, and address life-safety issues, including fire and accessibility compliance. This project will completely renovate the interior of Main Hall. Most of the interior will be demolished allowing the floor plan to be reconfigured for accessibility and to modernize all fixtures and finishes. An elevator will be installed, and mechanical, plumbing, and electrical systems will be brought up to current codes. In addition, seismic upgrades will be made.
We are seeking funding so that a thorough restructuring and significant gutting of existing interior spaces can occur. We would like to bring this building up to current accessibility and construction codes, while maintaining the historical exterior façade and building appearance.

Main Hall is the first building constructed on campus after the founding of the University. This building should be maintained as a highly prized and valued building and maintained at a high level to recognize its importance to Montana Tech. This major renovation will provide modern, inviting learning spaces for students, faculty, and guests. The addition of an elevator will make the entire building ADA accessible further increasing the building's usefulness.

FUNDING	
LRBP Cash	$30,000,000
TOTAL	**$30,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$27,000,000
Consultant Services	$3,000,000
TOTAL	**$30,000,000**

PRIORITY CD-30

BOZEMAN AG RESEARCH AND TEACHING FARM LIFE-SAFETY & PROGRAMMATIC IMPROVEMENTS

MONTANA AG EXPERIMENT STATION
$10,000,000

This project will construct a new Seed, Plant & Soil Processing facility. This project also addresses both immediate life-safety and programmatic improvements by demolishing and repairing BART's unsafe structures, addressing sanitary and sewer deficiencies, and constructing a public restroom at BART's Horticulture Farm.

The Bozeman Agricultural Research and Teaching Farm (BART Farm) is located west of the main MSU campus off 19th Avenue. The farm is dedicated to the service and support of research, teaching, and extension activities. Nearly 80% of MAES scientists are in Bozeman. Much of the research supported by the BART facility is eventually adopted by Montana Producers and is the primary training ground for future scientists who can continue to the rich tradition of impactful agricultural research to benefit Montana.

MAES' cereal crop breeders, soil scientists, and other MAES scientists currently utilize undersized, antiquated, and crowded spaces available across MSU Bozeman's campus. Dust and dirt generation common to seed cleaning, milling, and processing of soil and plant material is not compatible with modern molecular research now conducted in most plant science research labs. Current facilities do not allow for the efficient processing of plant and soil material and are not competitive with peer institutions.

The new Seed, Plant, & Soil Processing Facility will allow MAES to vacate spaces on MSU's campus and enable converting approximately 1,500 square feet in Leon Johnson Hall for other campus needs. The new facility will accommodate soil and plant dryers, soil and plant milling machines, seed cleaning, seed sorting, root washing, and plant sorting, while also containing an air-handling, heating, and cooling systems for a safe work environment. In addition, the BART farm requires sanitary sewer and water infrastructure upgrades to improve water quality and reduce risk of water contamination. Finally, the BART Horticulture farm needs a public restroom for students, faculty, and researchers on site.

Construction of a new facility will address critical life-safety issues, improving the safety for all MAES' BART Farm visitors conducting research, teaching, and learning at the BART Farm. Altogether, the proposed project dramatically improves BART Farm site's life-safety and advances MAES' mission, provides programmatic improvements creating a new state-of the art facility equipped with infrastructure and technology suitable for modern research.

FUNDING	
LRBP Cash	$10,000,000
TOTAL	**$10,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$9,000,000
Consultant Services	$1,000,000
TOTAL	**$10,000,000**

PRIORITY CD-31

STATE DISASTER WAREHOUSE

DEPARTMENT OF MILITARY AFFAIRS
$5,704,000

This project will construct a 12,000-square-foot warehouse at Fort Harrison for personal protective equipment (PPE) and critical medical supplies to improve the state's capability to responsibly stockpile supplies, expand operations when needed, and support response agencies when the supply chain is compromised.

The Montana Disaster and Emergency Services (MT DES) division of the Department of Military Affairs is responsible for statewide disaster preparedness, mitigation, response, and recovery. MT DES operates from the State Emergency Coordination Center (SECC), the coordinating hub for collecting disaster information and meeting shortfalls created by disasters. The MT DES Division must direct disaster response and recovery activities as authorized by the governor.

Historically, MT DES has maintained a small inventory of supplies to facilitate timely support to state and local officials when responding to incidents. In support of the COVID-19 pandemic, MT DES assumed the role of purchasing, warehousing, and distributing large amounts of critical PPE and sent items to thousands of facilities across the state. To perform this function, the state concurrently used five different warehouses in Boulder, Helena, and Fort Harrison totaling over 50,000 square feet of warehouse space. Currently, MT DES is providing warehouse and distribution support for COVID-19 response using a facility on Fort Harrison leased to the department for a time period not to exceed five years. Agencies such as DPHHS have historically dedicated space at their commodities warehouse for shipment from the Strategic National Stockpile. The demand on the commodities warehouse for their primary mission makes it difficult to share space and effectively manage disaster inventory. Additionally, DPHHS has agreements with MTD for storage of supplies including a communications trailer and ancillary equipment.

Construction of a 12,000-square-foot warehouse facility will provide a single, consolidated, dedicated warehouse as a long-term solution. Consolidating the storage and logistics mission to one location at Fort Harrison is effective for both MT DES and DPHHS. Also, the Montana National Guard has identified cold storage space for flood fighting supplies provided by the US Army Corps of Engineers. MT DES also stockpiles a small number of fire fighting supplies, such as boots, to facilitate the rapid deployment of National Guardsman during fire seasons. Having the right supplies in one central location will help us meet the needs of the state during times of disaster most effectively.

FUNDING	
LRBP Cash	$5,704,000
TOTAL	**$5,704,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,133,600
Consultant Services	$570,400
TOTAL	**$5,704,000**

PRIORITY CD-32

CAMPUS STORAGE / WAREHOUSE BUILDING

UNIVERSITY OF MONTANA - WESTERN
$1,250,000

This project will construct a 7,200 square foot storage/warehouse building to centrally locate all of the campus storage needs.

Currently, UM Western lacks storage and must utilize 3,500 square feet in the basement of Block Hall, which houses UMWs science, math, and laboratory facilities. The Block Hall renovation project initiated this year will repurpose the basement into additional research and educational lab space requiring alternate space for campus storage. No appropriately sized area of campus is available to meet campus storage needs.

Constructing a new building will consolidate storage areas currently scattered across the campus and free up space in Block Hall for academic use. Consumables, electrical stores, carpentry, and mechanical stores will be housed in one central location.

FUNDING	
LRBP Cash	$1,250,000
TOTAL	**$1,250,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,125,000
Consultant Services	$125,000
TOTAL	**$1,250,000**

PRIORITY CD-33

HEATED STORAGE UNIT

MONTANA MENTAL HEALTH NURSING CARE CENTER
$720,000

This project will construct a 2,400 square foot heated storage unit to accommodate emergency preparedness supplies currently housed in vehicle garages.

MMHNCC was built in 1952. It is comprised of a mental health long term care facility and houses the office of public assistance for Lewistown, MT.

During the pandemic, MMHNCC required addition storage for emergency supplies and had to utilize vehicle garages. Moving forward, an increased number of supplies must be stored and maintained on site to better prepare for emergencies. Construction of a storage unit will provide a secure and central location for all supplies.

FUNDING	
LRBP Cash	$720,000
TOTAL	**$720,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$648,000
Consultant Services	$72,000
TOTAL	**$720,000**

PRIORITY FWP CD-01

ADMIN FACILITIES MAJOR MAINTENANCE

DEPARTMENT OF FISH, WILDLIFE & PARKS
$6,931,500

This program addresses ongoing maintenance and repair at administrative sites to protect them from deterioration.

This project addresses unforeseen, ongoing, and protective repairs and maintenance of Fish, Wildlife and Parks' (FWP) administrative sites and buildings statewide. To assure long-term site protection, site functionality, and to keep all sites and buildings in good condition, a broad spectrum of maintenance and repairs are addressed. Projects to address maintenance and repairs include:

- Sewer and potable water systems,
- Building roofing,
- Interior painting,
- Carpeting and other maintenance,
- Communication systems including phone and IT systems,
- Building and site security,
- American Disability Act (ADA) improvements,
- Public displays and lobby areas,
- Lab facility issues,
- Health and human safety issues,
- Assuring appropriate amounts of safe workspace for employees,
- Energy efficiency (lighting, HVAC systems, insulation, doors, windows, and others),
- Maintenance and repairs related to evidence storage,
- Additional storage space needs or storage building replacement,
- Building additions,
- Building exteriors,
- Issues identified during the annual Facility Condition Inventory and Inspection, and
- Any maintenance and repairs issues that arise.

Many FWP facilities statewide needs either planned repairs and maintenance or emergency and/or unforeseen situations that arise during the biennium. This project will provide the necessary funding for those planned and unplanned repair and maintenance issues that arise at administrative facilities statewide during the biennium and will prevent costly replacement and avoid safety issues that may put the public and employees at risk. The expenditure of funds authorized through this project vary considerably and fall under an array of expenditure codes that may include land acquisitions, planned maintenance and repairs, and unexpected or emergency repairs, maintenance, or replacement.

This program addresses the ongoing repairs, maintenance, and upgrades necessary to protect the condition of Montana Fish Wildlife and Parks administrative sites and buildings statewide. Planned maintenance-type projects include sewer and potable water systems upgrades, building and site security, American with Disability Act (ADA) improvements, public displays and lobby upgrades, lab facility issues, health and human safety issues, energy efficiency improvements (lighting, HVAC systems, insulation, doors, windows), storage building construction, building additions, and any unforeseen items that may arise.

FUNDING	
State Special	$1,931,500
Authority	$5,000,000
TOTAL	**$6,931,500**

ESTIMATED PROJECT COSTS	
Construction Costs	$6,238,350
Consultant Services	$693,150
TOTAL	**$6,931,500**

PRIORITY FWP CD-02

MAKOSHIKA CAMPGROUND IMPROVEMENT & ADDITION

DEPARTMENT OF FISH, WILDLIFE & PARKS
$5,000,000

This project will construct additional camping spaces and associated amenities to increase camping opportunities at Makoshika State Park.

Makoshika State Park is a 11,538-acre park in the Montana Badlands adjacent to Glendive, MT. Amenities at the park include a visitor center, 28 campsites, 11 hiking trails, a disk golf course, one large group use shelter and an amphitheater with associated smaller group-use shelter. In 2021 potable water was extended from the City of Glendive to the 14-unit Cains Coulee Campground.

12 of the 28 campsites at Makoshika State Park are beyond a steep switchback road where trailers and large RVs are not recommended. A business plan developed by several Glendive and Dawson County community organizations has identified the need for expanded camping opportunities in the region. The expansion of a potable water system has increased the feasibility for expanded camping opportunities within the lower reaches of Makoshika State Park.

Montana Fish, Wildlife and Parks proposes expansion of camping opportunities with a diverse model of sites, potentially including RV sites with electrical power, camping sites for smaller vehicles, tent-only and bike/hike in campsites. Campground development plans may include a full-service comfort station, campground host site and a playground.

FUNDING	
State Special	$2,500,000
Federal Special	$2,500,000
TOTAL	**$5,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$4,500,000
Consultant Services	$500,000
TOTAL	**$5,000,000**

PRIORITY FWP CD-03

BEARTOOTH WMA FACILITIES UPGRADE

DEPARTMENT OF FISH, WILDLIFE & PARKS
$8,000,000

This project will develop a remote meeting space to include conference space with current communication technology, cooking facilities for large groups and dormitory style housing.

Located in Lewis and Clark and Cascade Counties about 40 miles north of Helena and 60 miles south of Great Falls, the Beartooth Wildlife Management Area encompasses 35,776 acres. It was purchased in 1970 to maintain productive and diverse plant communities that provide forage and cover for numerous fish and wildlife species. Primary objectives of the WMA include providing critical winter range for elk, mule deer and bighorn sheep; as well as a wide range of public recreational activities including hunting, fishing, horseback riding, hiking, and wildlife viewing.

Existing buildings are a combination of residential and agricultural buildings which served as ranch headquarters until the property was acquired by FWP in 1970. Barns and shops are used to store and maintain equipment used to manage the wildlife management area. The main home, bunkhouses and cookhouses serve as meeting facilities for small groups.

Existing buildings on this site do not meet current building codes and levels of accessibility to accommodate large groups. Maintenance and repair costs also exceed the value of the existing spaces. Funding of this project will allow for the agency to better utilize this site for a multitude of purposes.

FUNDING	
State Special	$8.000.000
TOTAL	**$8,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$7,200,000
Consultant Services	$800,000
TOTAL	**$8,000,000**

PRIORITY FWP CD-04

AGENCY STAFF HOUSING

DEPARTMENT OF FISH, WILDLIFE & PARKS
$7,500,000

Due to significant housing shortages, Montana Fish, Wildlife and Parks (FWP) proposes developing housing for seasonal staff and staff in transition, on properties owned or managed by FWP statewide. Projects could include new construction and adaptive re-use of existing buildings, including new framed structures, new manufactured structures on foundations, remodel or addition to existing structures, full site utility connections for recreation vehicles and relocatable buildings, and related infrastructure. It is anticipated that new-build projects would include full amenities, including kitchen, bath, living space and laundry. Sleeping spaces would be secure and separated for men and women.

Shortages and extremely high costs of available housing have made recruitment of new and seasonal employees extremely difficult statewide. FWP is currently exploring a number of different alternatives based on current and anticipated need, existing infrastructure, and economy.

FUNDING	
State Special	$7,500.000
TOTAL	**$7,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$6,750,000
Consultant Services	$750,000
TOTAL	**$7,500,000**

PRIORITY FWP CD-05

SIGNAGE & WAYFINDING UPDATES

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,500,000

This is a strategic, coordinated signage and wayfinding system upgrade that will provide visual and informational continuity for all FWP sites and facilities. In the absence of site staff, signage is often the first and only impression visitors have of our parks and recreation sites, and we want that to be a good one. This will serve the public by improving the quality of visitor experience and safety of recreationists, and it increases awareness of all sites that FWP manages system wide. It will update our image to that of a modern, best in class system among our visiting public. The new design package will also alleviate workload for staff who are currently required to hand design signs.

Many of FWP's signs are decades old and no longer recognizable as being managed by the same agency. There are more than 30,000 signs of a variety of types in our current inventory, many of which are contain outdated information causing safety and visitor experience issues related to poor wayfinding. This project will allow FWP to address and update signage issues across all FWP property types.

This project will update an estimated 2,500 signs across the state. Through consultation with a world-class Wayfinding firm, FWP will develop a system of graphics and information standards that will be used system wide. This request will support procuring, installing, and maintaining our new sign system which will serve the public by improving the quality of visitor experience and safety of recreationists, and increases awareness of all sites that FWP manages.

FUNDING	
State Special	$2,500.000
TOTAL	**$2,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,250,000
Consultant Services	$250,000
TOTAL	**$2,500,000**

PRIORITY FWP CD-06

CENTRAL SERVICES SITE UPGRADES

DEPARTMENT OF FISH, WILDLIFE & PARKS
$17,168,330

This project will replace existing buildings at the Custer Avenue Facility and Helena Area Resource Office with new, more efficient buildings that will consolidate office, public information and retail, maintenance shop and warehouse facilities.

The existing buildings comprise approximately 17,000 square feet. The largest buildings are repurposed metal buildings constructed in the 1950's. Most of the facility serves administrative purpose with a portion of the Helena Area Resource Office serving the public for license sales and access to staff for department related questions. All of the buildings are at ages and construction types which are inefficient and require significant maintenance.

The project will:

- Demolish existing unheated storage and replace with a 7,000 square foot office space.
- Build a new 1,500 square foot unheated storage building for surplus, shipping and receiving.
- Build 4 new 2,180 square foot unheated storage buildings at the perimeter of ware yard for individual programs.
- Demolish the Helena Area Resource Office and build new fleet shop building containing 8,750 square feet of heated ground floor shop space, 3,750 square feet of finished office space, and 2,500 square feet of storage space.
- Demolish the Montana Outdoors building and build a 1,500 square foot self-contained paint booth.
- Demolish existing shops and office buildings and rehabilitate to public green space
- Construct heated and unheated shop/storage space for aquatic invasive species program
- Install fencing between public and staff areas.

Administrative and public spaces will be improved by a systematic, phased replacement of aged existing facilities. In addition, this project will allow FWP to expand the fleet program and save money by completing more maintenance on equipment internally.

FUNDING	
State Special	$17,168,330
TOTAL	**$17,168,330**

ESTIMATED PROJECT COSTS	
Construction Costs	$15,451,497
Consultant Services	$1,716,833
TOTAL	**$17,168,330**

PRIORITY MDT CD-01

COMBINATION FACILITY GREAT FALLS

DEPARTMENT OF TRANSPORTATION
$12,600,000

This project will construct a new 24,000 square foot building located on a new site and renovate existing shop space to create office space for approximately 40 MDT construction personnel.

MDT Equipment Storage Buildings (ESB), Mechanics and Welding Shops located in Great Falls, currently house approximately 27 maintenance employees. These facilities were built in the 1950's – 1960's and are significantly undersized for the maintenance equipment and when repairs or maintenance are required, maneuvering around them presents significant challenges. Storing maintenance equipment outdoors is problematic during winter storm events with snow and ice buildup on the equipment making safety inspections and repairs difficult.

MDT Construction personnel are currently housed in small trailers which are overcrowded and provide a poor working environment and are substandard for professional workspace. The office trailers freeze up in the winter months and are hot in the summer months due to poor construction and lack of insulation. The office trailer restrooms are small not usable and do not allow for any personal space. Supervisors need to leave the office trailer for confidential meeting or telephone calls.

This project will construct a 24,000 square foot building located on the edge of the city limits close to MDT maintained routes, sand/salt stockpiles and salt brine producing plants. Existing shop space within the main facility will be remodeled to create office space for approximately 40 MDT construction personnel. The entire project will add roughly 4,000 square feet of new space.

The new MDT Maintenance Facility will combine the Equipment Storage Building, Mechanics, and Welding Shops functions together under one roof creating greater efficiency, safety and proximity to the highway systems requiring maintenance. The new site is located away from the city centers and closer to MDT state-maintained routes. The new location will reduce noise and disruptions in the city center, provide a professional and aesthetically pleasing office environment within the city and provide a strategic location relative to the highways maintained.

This project will solve multiple issues with equipment maintenance and storage, providing an efficient and modern facility with reduced operational costs. In addition, the small mobile office trailers will be replaced with professional and efficient office space for MDT Construction personnel more in-line with MDT workspace standards.

FUNDING	
State Special	$12,600,000
TOTAL	**$12,600,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$11,340,000
Consultant Services	$1,260,000
TOTAL	**$12,600,000**

PRIORITY MDT CD-02

COMBINATION FACILITY KALISPELL

DEPARTMENT OF TRANSPORTATION
$11,000,000

This project will construct a new 19,000 square foot building located on a new site and renovate existing shop space to create office space for approximately 40 MDT construction personnel.

MDT Equipment Storage Buildings (ESB), Mechanics and Welding Shops located in Kalispell, currently house approximately 20 maintenance employees. These facilities were built in the 1950's – 1960's and are significantly undersized for the maintenance equipment and when repairs or maintenance are required, maneuvering around them presents significant challenges. Storing maintenance equipment outdoors is problematic during winter storm events with snow and ice buildup on the equipment making safety inspections and repairs difficult.

MDT Construction personnel are currently housed in small trailers which are overcrowded and provide a poor working environment and are substandard for professional workspace. The office trailers freeze up in the winter months and are hot in the summer months due to poor construction and lack of insulation. The office trailer restrooms are small not usable and do not allow for any personal space. Supervisors need to leave the office trailer for confidential meeting or telephone calls.

This project will construct a 19,000 square foot building located on an existing MDT site at the edge of the city limits close to MDT maintained routes, sand/salt stockpiles and salt brine producing plants. Existing shop space within the main facility will be remodeled to create office space for approximately 40 MDT construction personnel. The entire project will add roughly 3,000 square feet of new space.

The new MDT Maintenance Facility will combine the Equipment Storage Building, Mechanics, and Welding Shops functions together under one roof creating greater efficiency, safety and proximity to the highway systems requiring maintenance. The new site is located away from the city centers and closer to MDT state-maintained routes. The new location will reduce noise and disruptions in the city center, provide a professional and aesthetically pleasing office environment within the city and provide a strategic location relative to the highways maintained.

This project will solve multiple issues with equipment maintenance and storage, providing an efficient and modern facility with reduced operational costs. In addition, the small mobile office trailers will be replaced with professional and efficient office space for MDT Construction personnel more in-line with MDT workspace standards.

FUNDING	
State Special	$11,000,000
TOTAL	**$11,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$9,900,000
Consultant Services	$1,110,000
TOTAL	**$11,000,000**

PRIORITY MDT CD-03

COMBINATION FACILITY MISSOULA

DEPARTMENT OF TRANSPORTATION
$10,500,000

This project will construct a new 19,000 square foot building located on a new site and renovate existing shop space to create office space for approximately 42 MDT construction personnel.

MDT Equipment Storage Buildings (ESB), Mechanics and Welding Shops located in Missoula, currently house approximately 20 maintenance employees. These facilities were built in the 1950's – 1960's and are significantly undersized for the maintenance equipment and when repairs or maintenance are required, maneuvering around them presents significant challenges. Storing maintenance equipment outdoors is problematic during winter storm events with snow and ice buildup on the equipment making safety inspections and repairs difficult.

MDT Construction personnel are currently housed in small trailers which are overcrowded and provide a poor working environment and are substandard for professional workspace. The office trailers freeze up in the winter months and are hot in the summer months due to poor construction and lack of insulation. The office trailer restrooms are small not usable and do not allow for any personal space. Supervisors need to leave the office trailer for confidential meeting or telephone calls.

This project will construct a 19,000 square foot building located on an existing MDT site at the edge of the city limits close to MDT maintained routes, sand/salt stockpiles and salt brine producing plants. Existing shop space within the main facility will be remodeled to create office space for approximately 42 MDT construction personnel.

The new MDT Maintenance Facility will combine the Equipment Storage Building, Mechanics, and Welding Shops functions together under one roof creating greater efficiency, safety and proximity to the highway systems requiring maintenance. The new site is located away from the city centers and closer to MDT state-maintained routes. The new location will reduce noise and disruptions in the city center, provide a professional and aesthetically pleasing office environment within the city and provide a strategic location relative to the highways maintained.

This project will solve multiple issues with equipment maintenance and storage, providing an efficient and modern facility with reduced operational costs. In addition, the small mobile office trailers will be replaced with professional and efficient office space for MDT Construction personnel more in-line with MDT workspace standards.

FUNDING	
State Special	$10,500,000
TOTAL	**$10,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$9,450,000
Consultant Services	$1,050,000
TOTAL	**$10,500,000**

PRIORITY MDT CD-04

MAINTENANCE, REPAIR & SMALL PROJECTS

DEPARTMENT OF TRANSPORTATION
$3,000,000

This request will enable MDT to provide timely preventative maintenance and repair of its facilities and to construct loader sheds, office additions, salt/sand storage buildings, tow plow storage buildings and wash bay facilities.

MDT Facilities Bureau is tasked with repairs and maintenance for over 1,150 buildings/ structures Statewide, many of which are going on 60 plus years of service. These aging buildings are critical to the ongoing construction and maintenance operations for the State of Montana. These projects are necessary to keep MDT facilities functional and in good repair.

Statewide, MDT maintains 11 district/area offices and equipment service shops:

- 125 maintenance section facilities.
- 49 rest area buildings at 38 locations.
- 15 airfields.
- One full service airport in West Yellowstone.
- 27 motor carrier weigh stations including one truck inspection building and 6 truck parking sites.

In total MDT owns and maintains approximately 1,150 buildings totaling more than 2,100,000 square feet.

MDT's objective is to keep these facilities functional and efficient. Improvements implemented within this program include roof repair and replacement, office and building remodels, water supply and septic systems, ADA improvements, HVAC upgrades, energy saving projects, lighting upgrades, and insulation upgrades. This agency is very interested in energy efficiency and will continue to explore measures regarding efficient use of energy and resources. The small project portion of this request is to construct loader sheds, office additions, salt/sand storage buildings, tow plow storage buildings and wash bay facilities.

FUNDING	
State Special	$3,000,000
TOTAL	**$3,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,700,000
Consultant Services	$300,000
TOTAL	**$3,000,000**

PRIORITY DMA CD-01

AVIATION FACILITY HVAC & TEMPERATURE CONTROL UPGRADE

DEPARTMENT OF MILITARY AFFAIRS
$3,580,365

This project will upgrade, recalibrate, or replace Heating, Ventilation, and Air Conditioning systems in the Helena Army Aviation Support Facility to increase indoor air quality and promote efficient operation.

The Army Aviation Support Facility is a 114,697-square-foot facility constructed in 1996 located adjacent to the Helena Airport. The AASF mission is to provide support for all air and ground operations, maintenance, and use of Army Aviation Assets within the Montana Army National Guard. It also serves as the Emergency Operations Center during a critical mission event.

The air and hydronic heating distribution systems for this facility are original to the building; they are over 25 years old and nearing the end of their mechanical life. This aging equipment is operating poorly and inefficiently; as equipment ages, controls and air distribution go out of calibration and components begin to fail. This facility is critical to the Montana Army National Guard's mission to support Montana disasters at emergency declaration by the Governor; maintaining and operating quality equipment renders the level of need for this project as high.

The project will replace the air distribution and heating hot water systems installed with the 1996 construction project. This will include multiple air handling systems with hot water heating coils and direct expansion cooling coils, exhaust fans, domestic hot water heaters, boilers, pumps, and possibly some terminal units, which regulate the volume of conditioned primary air to occupied space. This project will consider installing a centralized air-cooled chiller to serve the new units, which will ultimately require less

maintenance with new equipment and increased comfort due to an improved temperature control system. Temperature control components associated with the air distribution and heating water systems will be replaced and energy saving control strategies implemented, including discharge air control, duct static pressure control, and heating water reset.

For equipment not at the end of its mechanical life, this proposed project will recalibrate and upgrade existing controls and rebalance the air and water systems.

FUNDING	
Federal Special	$3,580,365
TOTAL	**$3,580,365**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,222,328
Consultant Services	$358,036
TOTAL	**$3,580,365**

PRIORITY DMA CD-02

COLLECTIVE TRAINING HOUSING FACILITY

DEPARTMENT OF MILITARY AFFAIRS
$3,000,000

This project will construct 5,200 square feet of Collective Training Housing at Fort Harrison that houses enlisted personnel, out of state trainees, and authorized civilians who are conducting training for the Montana Army National Guard.

Fort Harrison is an Army National Guard training facility ensuring armed forces readiness on a state and national level. Fort Harrison currently has 816 transient training billets (lodging accommodations) available for trainees but is authorized 2,280 billets.

This project addresses a critical shortage in transient training billets in the state of Montana. Fort Harrison is classified as a Level III Training Center and currently has 816 transient training billets available. A Level III Training Center is authorized 2,280 billets. This discrepancy means the Montana Army National Guard only has 35.7% of the authorized transient training billets authorized for its training center. The Guard is also short 67.3% of the authorized square footage in billeting allowances. The shortage in authorized billets and square footage is the limiting factor in training the brigade headquarters and three battalions the Fort Harrison Level III training center is expected to billet.

Annually, the Montana Army National Guard training center spends $40,000 on off-post billets to cover non-availability of beds on the installation. Over the 25-year lifecycle of the purposed facility, the Montana Army National Guard will save approximately $1M in additional lodging costs.

This project will construct 5,200 square feet of Collective Training Housing that houses enlisted personnel, out of state trainees, and authorized civilians who are conducting training for the Montana Army National Guard. This project will provide the maximum number of billeting resources permitted for Fort Harrison. This project is part of a 309,114 total square foot facility, the remainder of which will be constructed at a future date.

FUNDING	
Federal Special	$3,000,000
TOTAL	**$3,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,700,000
Consultant Services	$300,000
TOTAL	**$3,000,000**

PRIORITY DMA CD-03

FEDERAL SPENDING AUTHORITY

DEPARTMENT OF MILITARY AFFAIRS
$3,000,000

This appropriation allows for federal funds to be used for repair, maintenance, and facility improvements projects on all Department of Military Affairs facilities statewide.

Funds become available to the state from the federal government. These funds can be used to match other existing federal funds, match state funds in the SMART program, or to fund projects authorized by the federal government. If we do not have the spending authority these funds may have to be turned back.

Various times of the year the federal government reallocates and authorizes funds for new minor construction and maintenance projects. This appropriation will allow the state to accept federal funds to begin design work for future facilities and help implement our construction program.

FUNDING	
Federal Special	$3,000,000
TOTAL	**$3,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,700,000
Consultant Services	$300,000
TOTAL	**$3,000,000**

PRIORITY DMA CD-04

READY BUILDING ADDITION

DEPARTMENT OF MILITARY AFFAIRS
$4,700,000

This project will construct an additional 6,169 square feet of ready building space at Fort Harrison to support individual and collective training, administrative, automation and communications, and logistical requirements for the Montana Army National Guard Civil Support Team (CST).

Fort Harrison is an Army National Guard training facility ensuring armed forces readiness on a state and national level. The proposed facility addition is designed to meet the individual and collective training, administrative, automation and communications, and logistical requirements of the 83D Civil Support Team (WMD) at Fort Harrison. A WMD Civil Support Team assists civil authorities in the event of the use, or threatened use, of a weapon of mass destruction. The current facility was constructed in 2005 for the Montana Army National Guard Civil Support Team (CST). Since then, the CST has acquired additional equipment and vehicles to support its mission. The lack of ready bay space for the assigned vehicles forces the unit to park outside during the frigid months.

The lack of functional areas such as library, administrative space and showers has a detrimental effect on the readiness of the CST. The inability to maintain all necessary technical reference materials, properly complete administrative actions, and perform hygiene within the facility means that the CST is forced to move to other facilities wasting valuable unit training time, lowering unit readiness and ability to respond. Inadequate storage space has forced the CST to store equipment on the floor of the already critically short ready bay space. This situation requires the unit to move vehicles

outside or to other facilities reducing the unit's emergency response capabilities.

This project will construct an additional 6,169 square feet of ready building space resulting in increased unit readiness, increased Operational Readiness Rates for the unit's equipment, and increased ability to maintain and train on equipment during inclement weather in response to real-world emergencies. Unit administrators estimate fixing this problem alone would increase the Operational Readiness Rate of the CST by 10-15%. Failure to address this issue in a timely manner leaves the Montana Army National Guard particularly vulnerable to any potential natural or man-made disaster and should be addressed as quickly as possible.

FUNDING	
Federal Special	$4,700,000
TOTAL	**$4,700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$4,230,000
Consultant Services	$470,000
TOTAL	**$4,700,000**

PRIORITY DMA CD-05

TRAINING SITE HVAC & CONTROLS UPGRADE

DEPARTMENT OF MILITARY AFFAIRS
$2,574,002

This project will upgrade, recalibrate, or replace Heating, Ventilation, and Air Conditioning (HVAC) systems to increase indoor air quality and provide more efficient HVAC operations in the Fort Harrison Training Site Support Facility.

The Training Site Building 1011 is an 85,140 sq ft facility constructed in 1998 at Fort Harrison. It serves as a temporary troop housing facility, containing 408 individual rooms, 4 barracks with 224 beds, and a dining facility with seating for 120 individuals. The building also has a troop laundry facility and supply/orderly areas and also provides fulltime office space to the Training Center billeting personnel and a transient Battalion HQ area.

Many of the air and hydronic heating distribution systems for this facility are original to the building; they are almost 25 years old and are nearing the end of their mechanical life. The equipment is operating poorly and inefficiently; as equipment ages, controls and air distribution go out of calibration and components begin to fail. For equipment not at the end of its mechanical life, this proposed project will recalibrate and upgrade existing controls and rebalance the air and water systems.

This project will replace the air distribution systems, domestic hot water systems, boilers, pumps, and terminal heating/cooling units installed within the building. This will include multiple air handling systems with hot water heating coils and chilled water coils, exhaust fans, domestic hot water heaters, and terminal units, which regulate the volume of conditioned primary air or heat to an occupied space. This project will consider new designs and technology

that will improve energy efficiency and ultimately require less maintenance with new equipment due to an improved temperature control system. The improvements to ventilation, controls, and correctly working equipment will increase the indoor air quality and reduce sick building syndrome. Temperature control components associated with the air distribution, heating hot water, and chilled water systems will be replaced and energy saving control strategies implemented, including discharge air reset control, duct static pressure reset control, heating hot water reset control, etc. Also, instantaneous water heaters will be installed to reduce hot water storage in the building when there is reduced demand in the facility.

FUNDING	
Federal Special	$2,574,002
TOTAL	**$2,574,002**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,316,602
Consultant Services	$257,400
TOTAL	**$2,574,602**

PRIORITY FWP-01

EROSION CONTROL

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,673,000

This program will address the ongoing maintenance concerns with stream bank erosion taking place at several of the recreation sites throughout the state. Continuous high water/ flooding events have created a need to act to preserve and protect many of these sites for continued recreational use.

With many of the FWP recreation sites being located both directly on river and stream banks and in flood prone areas, there is an ever increasing need to stabilize these bank areas to protect the recreational resource. While many of these stabilization projects take place each year on a regular basis, recent compounding high water events have increased the overall need and created an urgency to act to protect the resource.

Degrading stream and riverbanks are increasingly threatening many of FWP owned recreational sites. This request would provide funding for necessary actions to be taken to help mitigate the potential for future land and recreational use being lost. Using proven revetment methods, FWP crews and contractors alike would be able to begin the much-needed work to stabilize many of these areas of concerns. In addition, these river and riparian friendly methods can be used as a real-world example for biologists to show landowners who share the same concerns. Methods such as soil/willow lifts are often suggested to 310 permit holders but are often looked over for more intrusive traditional methods such as rock riprap due to lack of knowledge and local working examples.

Continued loss of stream/riverbank and the adjoining lands will continue to be a concern for both FWP and the users of these recreational sites if funding is not available to make these needed improvements. Example: The Swinging Bridge FAS on the Stillwater River has taken a major loss in streambank and adjoining property causing it to be inaccessible to the public after recent flooding. Not stabilizing this bank and replacing the lost road access will cause the complete loss of a very popular access point for both recreational and commercial users alike.

This is a one-time request that would allow Fish, Wildlife and Parks to take a much-needed step toward protecting the recreational use of many agency-owned and operated properties and to mitigate future major repair costs.

FUNDING	
State Special	$2,673,000
TOTAL	**$2,673,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$2,405,700
Consultant Services	$267,300
TOTAL	**$2,673,000**

PRIORITY FWP-02

COMMUNITY PONDS

DEPARTMENT OF FISH, WILDLIFE & PARKS
$200,000

This program provides general license monies to assist Montana communities with construction or improvement of public fishing ponds, with emphasis on urban fisheries for youth/family angling, education, and ADA accessibility.

The Community Pond Program provides funding that is used by local communities across Montana to create of improve public fishing ponds. Funding preference is given to projects that enhance youth angling, education, family angling, and opportunities for individuals with disabilities. Projects include fishing piers, ADA-accessible docks or platforms, pond deepening, and educational signage. These small improvements have a significant impact to communities and help provide local, accessible opportunities to a wide demographic. These ponds provide opportunities for kids and families to walk or bike to a neighborhood pond and have a great experience.

The improvements made, and recreation gained through the community pond program have long term benefits to local economies, angler recruitment, and all citizens of Montana. A 30% cost share is required, which leverages the available funding for increased benefits and program efficiency. The funding is used statewide, and without the CPP communities may not otherwise make improvements to public fishing and accessibility.

The Community Pond Program has been in place for over 15 years and is a great example of effective use of government funds to make an impact on public fishing for youth, family, and disabled individuals. Nearly $2 million of improvements have been made through the CPP, which has significantly impacted anglers statewide.

FUNDING	
State Special	$200,000
TOTAL	**$200,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$180,000
Consultant Services	$20,000
TOTAL	**$200,000**

PRIORITY FWP-03

FOREST MANAGEMENT

DEPARTMENT OF FISH, WILDLIFE & PARKS
$400,000

This program provides funding to manage forestry projects on Wildlife Management Areas and Fishing Access Sites in accordance with statutory requirements.

Fish, Wildlife and Parks (FWP) is mandated to manage forested lands per MCA 87-1-201(9)(a)(iv). Revenues from forest management activities including the sale of logs, pulp, and other forest products are deposited in a forest management account for use on forest management projects to address fire mitigation, pine beetle infestation and wildlife habitat enhancement (MCA 87-1-621). Funds are used for work specifically associated with such forest management projects as logging, forest thinning and clearing, slash disposal, road building and repairs, weed control, overseeing forest projects, forest inventory and development of prescriptions, environmental and public review processes, and forest planning.
Forest management is a priority for the Wildlife Division, involving over 140,000 acres of forested lands. These range from historically cut-over lands that are made up of second-growth forest in need of active management, conifer expansion that is negatively affecting aspen and bunchgrass winter range habitats, beetle kill forests in need of thinning treatments, urban interface in need of fuel management, and newly acquired forested lands in need of forest management planning/forest prescription.

Fish, Wildlife and Parks (FWP) is mandated to manage its forested lands to address fire mitigation, pine beetle infestation and wildlife habitat enhancement (Sections 87-1-621, MCA). These projects are large, expensive, and usually involve multiple years to complete, from planning to contracting to implementation to close out. This project enables FWP to complete forest management projects using dedicated funds derived from forest management activities.

Under the proposed alternative, Fish, Wildlife and Parks can further develop and expand active forest management on wildlife lands and fishing access sites for the benefit of wildlife, forest health, department and neighboring properties, and local communities.

FUNDING	
State Special	$100,000
Federal Special	$300,000
TOTAL	**$400,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$360,000
Consultant Services	$40,000
TOTAL	**$400,000**

PRIORITY FWP-04

SITE MAINTENANCE UPGRADES & IMPROVEMENTS

DEPARTMENT OF FISH, WILDLIFE & PARKS
$7,536,200

This program provides funding for maintenance, site improvements and upgrades and construction projects at state parks, Wildlife Management Areas, and Fishing Access Sites.

This project will address infrastructure maintenance needs at state park sites, fishing access sites and wildlife management areas including the rehabilitation of existing facilities, repairs/maintenance, and other needs significant to Montana's public, visitor services and employee/public safety. It will also provide for the development and construction of other services on these sites such as campgrounds, comfort stations, visitor centers, heritage protections and other services that are provided to the public for recreational purposes.

This project allows the agency to continue to address the backlog of maintenance issues on all FWP properties as well as invest in infrastructure that is necessary to the safety and recreating public of the state.

FUNDING	
State Special	$4,572,450
Federal Special	$1,770,750
Authority	$1,193,000
TOTAL	**$7,536,200**

ESTIMATED PROJECT COSTS	
Construction Costs	$6,782,580
Consultant Services	$753,620
TOTAL	**$7,536,200**

PRIORITY FWP-05

SHOOTING RANGE DEVELOPMENT

DEPARTMENT OF FISH, WILDLIFE & PARKS
$4,000,000

Project is to use state and federal matching funds for the development of public shooting ranges statewide.

Lack of opportunities for public participation and education in shooting sports in a safe, controlled environment.

Using a limited amount of state funds to match federal funding for shooting sports will allow additional shooting ranges and needed improvements to be provided to the public at minimal costs to the state.

FUNDING	
State Special	$1,000,000
Federal Special	$3,000,000
TOTAL	**$4,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,600,000
Consultant Services	$400,000
TOTAL	**$4,000,000**

PRIORITY FWP-06

HABITAT MONTANA

DEPARTMENT OF FISH, WILDLIFE & PARKS
$12,000,000

This program secures important wildlife habitats through conservation easement, fee title acquisition, or long-term lease. It is funded with a portion of the revenue from the deer and elk auction licenses as well as earmarked license fees.

Critical wildlife habitat is identified, prioritized, and protected through the acquisition of an interest in land by easement, fee title, or lease. Projects are selected statewide according to the rules and guidelines outlined in the Habitat Montana program. Integration of Montana's Comprehensive Wildlife Plan assists in the prioritization of projects. Our focus is priority lands critical to wildlife that are being subjected to degradation or loss on a continual basis. Protection and enhancement of important wildlife lands are essential if Fish, Wildlife and Parks is to meet the demands of the public and its statutory mandate.

Funding is statutorily earmarked for this specific purpose. It cannot be used for alternative purposes, and if this project is not approved, it will simply accumulate, necessitating the need for a significantly larger project the following biennium.

Funds from this popular program are routinely leveraged with outside funding.

FUNDING	
State Special	$9,650,000
Federal Special	$2,350,000
TOTAL	**$12,000,000**

ESTIMATED PROJECT COSTS	
Land Acquisition	$12,000,000
TOTAL	**$12,000,000**

PRIORITY FWP-07

WILDLIFE HABITAT IMPROVEMENT PROGRAM RENEWAL

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,000,000

This program provides enhanced priority wildlife habitats through noxious weed management.

There are other funding sources for targeting noxious weed management in association with human use areas. However remote habitats lack such funding and are experiencing expansion of noxious weeds. Noxious weeds can negatively impact habitats, particularly where native plant communities are involved. WHIP is intended to provide large-scale durable weed management on private and public lands.

The Wildlife Habitat Improvement Program (WHIP) was established during the 2017 Legislature to serve as a funding source through noxious weed management. The program funds goods and services for herbicide, biocontrol, mechanical control of non-infrastructure, and seeding project. The competitive grant program requires at least 25% non-federal match. Major selection criteria include the scale of the project (watershed-scale is best), multiple landowners, and funding partners, high value wildlife habitat.

FUNDING	
Federal Special Revenue	$2,000,000
TOTAL	**$2,000,000**

ESTIMATED PROJECT COSTS	
Other	$2,000,000
TOTAL	**$2,000,000**

PRIORITY FWP-08

WILDLIFE HABITAT MANAGEMENT & MAINTENANCE

DEPARTMENT OF FISH, WILDLIFE & PARKS
$3,905,000

This program provides funding to maintain Wildlife Management Areas and lands in which Fish, Wildlife and Parks has an interest in accordance with state requirements and the Good Neighbor Policy.

Major maintenance responsibilities associated with ownership of Fish, Wildlife and Parks (FWP) lands and facilities must be addressed. FWP lands require development and maintenance to meet the requirements of the Good Neighbor Policy (MCA 23-1-126), public use needs, public safety, and the implementation of management direction. Major maintenance of FWP lands and facilities includes weed control, fence repair, road maintenance, signing, building maintenance, water control, building a structure for storage, structure maintenance, vegetation and grazing management, and other projects that are not needed on an annual basis or require contracted services to complete. This funding is also used for improvements on conservation easement lands including development of grazing systems, parking lots, and habitat restoration.

Fish, Wildlife and Parks (FWP) is mandated to maintain its properties in compliance with the good neighbor policy and correspondingly intends to manage Wildlife Management Areas consistent with program maintenance standards. Infrastructure development and maintenance is required on a continuous basis to ensure properties are managed effectively. Habitat improvements are required to ensure the property is meeting its desired functionality. Keeping up with maintenance ensures issues are addressed in a timely manner and prevents a backlog from developing.

Maintenance of Fish, Wildlife and Parks (FWP) lands is a high priority for FWP. Earmarked funds are available for this purpose, helping to ensure FWP meets its obligations under the Good Neighbor policy.

FUNDING	
State Special	$1,140,000
Federal Special	$2,765,000
TOTAL	**$3,905,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,514,500
Consultant Services	$390,500
TOTAL	**$3,905,000**

PRIORITY FWP-09

UPLAND GAME BIRD ENHANCEMENT PROGRAM

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,508,000

This program is directed at enhancement of habitats for upland game birds within Montana, as well as implementation of the mandatory pheasant release program to establish populations. This program provides private landowners and public land management agencies with funding to restore, establish, protect, or enhance habitat across the state. All projects are required to allow reasonable amounts of free public hunting as a prerequisite of participation in this program. The program has resulted in improved habitat conditions for upland birds and public access to several hundred thousand acres within the state. Each year there is an increased demand for upland bird hunting opportunities and access by the public and this program continues to help meet those needs. Protection of land through easement or lease is also an aspect of the program; fee title acquisition is statutorily prohibited.

The Upland Game Bird Enhancement Program Citizen's Advisory Council provides oversight to the program, including monitoring revenue, expenditures, work plans, accomplishments, and compliance with statutes, rules, and the program's strategic plan. The 12-person Council meets twice annually during the spring and fall and includes two legislators.

Upland Game Bird Enhancement Program (UGBEP) project funds are allocated through an application and evaluation process involving the following major steps:

1. A standard project application is submitted to FWP by a Landowner.
2. The Area Wildlife Biologist meets with the Landowner to evaluate the proposed project (using a standard evaluation form) and to help in further developing project details.
3. The Biologist's evaluation is submitted to the Regional Wildlife Manager and Regional Supervisor for endorsement/signature. The signed application is then forwarded to the Program Coordinator.
4. The Program Coordinator goes through the submitted application and evaluation materials to determine the proposed project's compliance with program requirements.
5. The Coordinator presents the application and evaluation materials to the Wildlife Habitat Bureau Chief and Wildlife Division Administrator to further evaluate the project for funding.
6. For those applications that are allocated funds, the Biologist develops a standard project contract with the Landowner, which requires a signature by both the landowner and Wildlife Division Administrator.

Funding for this program is statutorily earmarked for specific purposes of enhancement of upland game bird habitat. Habitat enhancement contracts vary in duration from one to 15 years in length, depending on the complexity and cost of the enhancement. At the end of 2015, there were 376 active contracts that encompassed over 373,000 acres of habitat enhancement and provided 823,000 acres of public hunting access for upland game birds.

FUNDING	
State Special	$1,908,000
Federal Special	$600,000
TOTAL	**$2,508,000**

ESTIMATED PROJECT COSTS	
Other	$2,508,000
TOTAL	**$2,508,000**

PRIORITY FWP-10

MIGRATORY BIRD WETLAND PROGRAM

DEPARTMENT OF FISH, WILDLIFE & PARKS
$500,000

This program uses earmarked Migratory Bird funds for the protection, conservation, and enhancement of wetland habitat.

Migratory bird habitat can be lost or degraded by wetland drainage and other land alterations, particularly during drought years. Loss of habitat results in decreasing populations of migratory birds. The Migratory Bird Wetland Program supports wetland conservation projects throughout Montana. MCA-87-2-411 earmarks funds from the sale of migratory game bird licenses for the protection, conservation, and development of wetlands in Montana. This includes the construction of earthworks and other structures to protect, conserve, and develop wetlands. Another aspect of the program is acquisition of interest in land with wetland habitat through easement, fee title, or lease.

As required by statute, a five-person Wetland Protection Advisory Council provides oversight and recommendations on program direction and implementation. The wetland program has a history of funding numerous small and large wetland construction and repair projects. Program emphasis has changed to focus more heavily on habitat restoration and conservation projects. This program direction is laid out in a new field manual that is intended to help facilitate identification of prospective projects and clarify wetland conservation priorities. The program coordinator continues to work closely with numerous wetland conservation partners through the Montana Wetland Council and other venues in pursuit of high-quality projects.

FUNDING	
State Special	$500,000
TOTAL	**$500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$450,000
Consultant Services	$50,000
TOTAL	**$500,000**

PRIORITY FWP-11

FUTURE FISHERIES

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,000,000

This request for the Future Fisheries Improvement Program (FFIP) would fund individual projects for aquatic habitat enhancement. Projects to be funded will not be determined until as little as 3 months prior to construction and will not exceed $500,000 per individual project.

Typically, these funds are used to either protect or enhance habitat in rivers and streams where it is either threatened, deficient, or has been impacted by resource extraction. Some projects in lakes are funded, but they are less common. If this funding were not approved, it is likely these restoration and enhancement projects would not be completed, and many native and non-native fish habitats would not be restored.

The Future Fisheries Improvement Program is extremely effective and cost efficient. In the last biennium, the average match was 4.56:1, meaning a small amount of FFIP dollars makes a large impact. Non-profit organizations, landowners, and other local groups anticipate using this funding for future projects and intend to restore and enhance native and non-native fish habitats in the state.

The FFIP Program provides funding for fish habitat restoration and has been in place for 20+ years and is a model for efficient use of government funds to get maximum effect in on the ground, ultimately improving the angling experience statewide. From 1996 to 2017 nearly $63 million of habitat restoration work was completed because of this program.

FUNDING	
State Special	$2,000,000
TOTAL	**$2,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,800,000
Consultant Services	$200,000
TOTAL	**$2,000,000**

PRIORITY FWP-12

HATCHERIES MAINTENANCE

DEPARTMENT OF FISH, WILDLIFE & PARKS
$2,000,000

This program will address the major maintenance, replacement, and repair of infrastructure as needed or that are scheduled for the 10 state fish hatcheries across the state.

Due to age and condition of hatchery facilities, emergency repairs and updating infrastructure projects are needed each year. Some common types of emergency repairs include water line breaks, broken pumps, damaged concrete raceways, replacing intake screens and building maintenance. While emergency repairs are hard to plan for, planned maintenance projects to update antiquated infrastructure is identified below. Facility condition assessments are completed at each of the 10 hatcheries owned and operated by FWP as well as the Murray Springs Hatchery, which is owned and maintained by the US Army Corps of Engineers but is managed by FWP under a cooperative agreement.

Preventative maintenance, modifications, and replacement of outdated systems like water pumps and chilling units are examples of problems this authority would address. For system efficiency the hatcheries would also replace worn out infrastructure that may be directly connected to the repair portion.

Fish production would be at risk if no money was available to fix emergency issues at facilities. Example: broken water line at Big Timber with no available repair funds would result in dead/ dying fish at an important facility raising Yellowstone cutthroat trout.

This program allows FWP to do necessary repairs, maintenance, and modifications in a

timely and effective manner to prevent further deterioration and damage to facilities. Addressing appropriate repair and maintenance in a timely manner is cost-effective and results in efficiencies for managing the statewide facility inventory.

This is a normal biennial request that allows Fish, Wildlife and Parks to do repairs, maintenance, modifications, and construction on its hatcheries as necessary to prevent deterioration and failure of infrastructure.

FUNDING	
State Special	$2,000,000
TOTAL	**$2,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,800,000
Consultant Services	$200,000
TOTAL	**$2,000,000**

PRIORITY FWP-13

POR GRANT PROGRAMS

DEPARTMENT OF FISH, WILDLIFE & PARKS
$11,000,000

This program involves three grant programs available to local entities and communities: the Off-Highway Vehicle grants, the Recreational Trails Program grants, and the Land and Water Conservation Fund grants.

This project involves three individual grant programs: the Off-Highway Vehicle (OHV) grants program (state), the Recreational Trails Program (RTP) (federal), and the Land and Water Conservation Fund (LWCF) program (federal).

The OHV grant program provides funds to qualified applicants statewide, including local community clubs and federal agencies that manage OHV recreation. Typical projects include the maintenance of existing OHV trails, safety/ethics/education projects, mapping, and similar efforts. Funding for the program is provided from an apportionment formula of 1/8 of a 1% rebate from the state fuel tax, as well as a portion of OHV registration and decal fees.

The RTP grants provide federal funding for numerous projects benefiting public recreational trails and related facilities statewide. Specific components of the program include motorized, non-motorized, and diversified use trail projects. Grants are awarded to eligible statewide projects based upon the recommendations of a citizens advisory committee and an established grant process. Funds from this grant program are available to local communities, towns/cities, governmental land management agencies, and to private clubs (Back Country Horsemen, cross-country ski clubs, etc.). Typical projects include the maintenance of existing trails, the development of local community trail systems, the grooming of snowmobile trails, and general improvements that benefit public trail systems and opportunities statewide.

The LWCF program provides funding to Montana for outdoor recreation projects. Each state has a recognized sponsoring agency that is eligible to receive the federal LWCF funds. For Montana, the designated state agency is Fish, Wildlife & Parks. The source of the funds is from a royalty tax received from the proceeds from federal offshore oil and gas leases. The funds are granted to local communities or utilized within the State Park system for outdoor recreation projects such as facility replacement and renovation. The LWCF program requires a 1:1 match with non-federal funds.

FUNDING	
State Special	$5,000,000
Federal Special	$6,000,000
TOTAL	**$11,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$9,900,000
Consultant Services	$1,100,000
TOTAL	**$11,000,000**

PRIORITY FWP-14

FISH CONNECTIVITY

DEPARTMENT OF FISH, WILDLIFE & PARKS
$1,967,680

This project is for construction of fish passages, barriers, screens, ladders, or fish habitat projects that are unforeseen during budget planning but become a critical need during the next biennium. Structures or habitat projects may conserve native species by blocking upstream passage of non-native fish, may eliminate habitat fragmentation due to blockages to fish passage (e.g. irrigation structures, road crossings) or reduce entrainment of native fish species into irrigation infrastructure with fish screens.

The structures are intended to conserve native fish populations by blocking upstream passage of non-native fish or improve fish passage at structures that block fish migration and fragment fish habitat.

Fish, Wildlife and Parks anticipates construction will take place in the 2025 biennium.

FUNDING	
State Special	$548,454
Federal Special	$1,278,992
Authority	$140,234
TOTAL	**1,967,680**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,770,912
Consultant Services	$196,768
TOTAL	**$1,967,680**

PRIORITY FWP-15

PALA ACCESS PROGRAM

DEPARTMENT OF FISH, WILDLIFE & PARKS
$1,000,000

Montana Fish, Wildlife & Parks' Public Access Land Agreements program seeks to open or improve free public access to isolated parcels of state or federal land for hunting or fishing.

The Department is responsible to provide public access land agreements per MCA 87-1-295. The Department received a base appropriation for this same amount last biennium, but most contracts span multiple years, and an annual appropriation restricts the agencies' ability to effectively manage the program. Approval of this request will move the PALA program into HB 5 and mirror other agency programs such as Upland Game Bird.

This program currently has roughly 40 agreements extending over multiple years. This program is at the point that an annual appropriation will be spend with existing agreements based on payment dates. By making this program mirror other FWP grant programs it extends the authority indefinitely and allows the program to add additional agreements.

FUNDING	
State Special	$1,000,000
TOTAL	**$1,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$900,000
Consultant Services	$100,000
TOTAL	**$1,000,000**

PRIORITY SUP AO-01

INFLATIONARY ADJUSTMENT
MSU FACILITIES YARD RELOCATION

MONTANA STATE UNIVERSITY
$8,000,000

ORIGINAL PROJECT INFO
66TH LEGISLATIVE SESSION

In order to provide for more focused and direct development of the campus core to better support MSU's academic mission, this project will continue the long-term process of implementing the Campus Master Plan by replacing and relocating existing Facilities Services functions into one facility on the eastern edge of campus.

The purpose of the relocation is to free up strategic University property on the west and near 7th Avenue which is in close proximity to academic, athletic, and other campus core activities. This relocation would allow for future development of high priority academic, revenue producing, and community interface facilities that directly support the University mission as a land grant institution for the State of Montana.

The project consists of consolidating the many existing and outdated facility yard structures located along and near 7th Avenue into a new central facility to be located on the eastern edge of campus. The purpose of the relocation is to free up strategic university property on the west and near 7th Avenue which is in close proximity to academic, athletic, and other campus core activities. This relocation would allow for future development of high priority academic, revenue producing, and community interface facilities that directly support the University mission as a land grant institution for the State of Montana. Funding sources may include donations, grants, higher education funds and private sector in-kind contributions consisting of materials and/or labor.

INFLATIONARY ADJUSTMENT INFO

The original project was approved in Section 2, Chapter 422, Laws of 2019 for $9,000,000 of authority only.

Due to alterations in scope and the significant and unprecedented recent cost escalation within the construction industry, this request for an additional authorization of $8,000,000 is to complete the revised scope of work to fully relocate the Facilities Services Yard and associated infrastructure.

FUNDING		
Original Appropriation	Authority	$9,000,000
Inflationary Adjustment	***Authority***	***$8,000,000***
TOTAL		**$17,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$8,100,000
Inflationary Construction Costs	***$8,000,000***
Consultant Services	$900,000
TOTAL	**$17,000,000**

PRIORITY SUP AO-02

INFLATIONARY ADJUSTMENT
MANSFIELD LIBRARY REMODEL

UNIVERSITY OF MONTANA
$4,000,000

ORIGINAL PROJECT INFO
67TH LEGISLATIVE SESSION

This spending authority request will cover up to six million in private funds for the remodeling of the existing facility which would address the necessary renovations to repurpose the existing stack space for journals into beneficial instructional space. In addition, the project will address life safety, deferred maintenance work and modernization to meet current use, building codes and ADA standards.

The Mansfield Library was built in the early 1970's and has not had any major improvements or modernization work done. This request would provide the necessary spending authority to cover the private gifts that will fund the renovations.

Remodel areas of Level Four of the Mansfield Library to provide space for the Defense Critical Language and Culture Program (DCLCP). Bringing this program to campus will enhance these student's integrations with the rest of UM's students, faculty and programs. The GLI program is also proposed to be relocated from the UC to Level 4 of the Mansfield Library. To make space for the above programs on Level 4, bookstacks will have to be relocated to other floors in the Library along with the installation of high-density compact shelving. Climate Control of the Special Collections and Archives on Level 4 is also proposed.

DCLCP is a UM program focused on teaching defense-critical languages. It reports to the Mansfield Center, which is also housed on Level Four of the Mansfield Library. The Global Leadership Institute (GLI) is also proposed

to be relocated to Level Four as part of this remodel effort. GLI supports and encourages UM students to gain a wider, global perspective in their UM education, so there is some synergy with GLI being located close to the Mansfield Center and within the Mansfield Library.

INFLATIONARY ADJUSTMENT INFO

The original project was approved in Section 3, Chapter 422, Laws of 2019 for $6,000,000 of authority only.

This request for an additional authorization of $4,000,000 is to address any inflationary concerns that arise should additional funding become available.

FUNDING		
Original Appropriation	Authority	$6,000,000
Inflationary Adjustment	***Authority***	***$4,000,000***
TOTAL		**$10,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,400,000
Inflationary Construction Costs	***4,000,000***
Consultant Services	$600,000
TOTAL	**$10,000,000**

PRIORITY SUP AO-03

INFLATIONARY ADJUSTMENT
VISUAL COMMUNICATION BUILDING PBS ADDITION

MONTANA STATE UNIVERSITY
$4,000,000

ORIGINAL PROJECT INFO
66TH LEGISLATIVE SESSION

This is an expansion of Montana PBS' operation in Bozeman to meet existing and future needs. Montana PBS has outgrown the space it was provided in 1984. This would be an addition to its current facility.

The addition to the Visual Communications Building would provide a more space for Montana PBS functions to operate and separate the Montana PBS and MSU academic functions. Montana PBS has enjoyed sharing the Visual Communication Building with MSU for over 25 years with the added advantage for students to learn and experience quality television production and public media. However, the first problem addressed is a result of having a shared facility with student population. The second problem addressed is that the PBS facility is in need of a secure space. The project would be designed to clearly separate the functions of Montana PBS from the academic functions of MSU. The second problem addressed is lack of space due to a 20% increase in staff and spaces to accommodate visitors and public outreach. No improvements are planned for the studio and production spaces.

The project is an expansion of Montana PBS' operation in Bozeman to meet existing and future needs. Montana PBS has outgrown the space it was provided in 1984. The project will be an addition to its current facility.

INFLATIONARY ADJUSTMENT INFO

The original project was approved in Section 2, Chapter 422, Laws of 2019 for $12,000,000 of authority only. The project is in fund-raising status.

Due to the significant and unprecedented recent cost escalation within the construction industry, this request for an additional authorization of $4,000,000 is to complete the full scope of the project as originally proposed.

FUNDING		
Original Appropriation	Authority	$12,000,000
Inflationary Adjustment	***Authority***	***$4,000,000***
TOTAL		**$16,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$10,800,000
Inflationary Construction Costs	***4,000,000***
Consultant Services	$1,200,000
TOTAL	**$16,000,000**

PRIORITY AO CD-01

MARK & ROBYN JONES MSU COLLEGE OF NURSING

MONTANA STATE UNIVERSITY
$92,000,000

This project will construct new or upgraded facilities at each of the MSU College of Nursing's five campuses in Bozeman, Billings, Great Falls, Kalispell and Missoula. Equipped with modern classrooms and state-of-the-art simulation labs, nursing students will hone their critical thinking and practice their skills in these new facilities.

In 2021, Montana State University announced a $101 million philanthropic gift from Mark & Robyn Jones, the founders of Goosehead Insurance. The gift, the largest in U.S. history to a college of nursing, will address the critical need to improve access to health care throughout Montana. In its entirety, the Jones' gift will fund the construction of new facilities dedicated to the MSU nursing programs, establish five endowed faculty professorships, develop an endowed scholarship that will allow the then MSU College of Nursing to keep the cost of nursing education affordable for all students, and create Montana's only certified nurse midwifery program. With Jones' gift and additional space to grow its enrollment, MSU estimates it will be able to meet the state's projected nursing shortage by 2030.

Access to healthcare, particularly for rural and frontier communities, is a critical issue across the state of Montana. Tight labor markets and nursing worker shortages continue to persist, with 52 of Montana's 56 counties classified as medically under served and health professional shortage areas by the U.S. Department of Health and Human Services. There are many counties in Montana lacking even one primary care, mental health or maternal care provider. MSU currently lacks the facilities to meet the State of Montana's current and projected health care industry demands for nurses.

The Montana Department of Labor & Industry's November 2021 Nursing Report describes how recruitment and training of nurses will continue to be essential in the next several years to address the State of Montana's current and projected nursing shortage. The Mark & Robyn Jones MSU College of Nursing is committed to producing the needed workforce and now, with this gift, MSU could more than double the number of family nurse practitioners and psychiatric-mental health nurse practitioners graduating from MSU. These health practitioners are educated to address the key health challenges facing Montana, including an aging population, mental health, and substance abuse. The construction and upgrade of five facilities located across the State of Montana will increase the overall access to nursing education. In fact, with the Jones' gift MSU estimates it will be able to meet the state's projected nursing shortage by 2030.

FUNDING	
Authority	$92,000,000
TOTAL	**$92,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$82,800,000
Consultant Services	$9,200,000
TOTAL	**$92,000,000**

PRIORITY AO CD-02

GIANFORTE HALL MSU COMPUTING BUILDING

MONTANA STATE UNIVERSITY
$50,000,000

This project will construct a new computing building to house the MSU Gianforte School of Computing. The building will house programming for computer science and computing-related fields such as cybersecurity, optics and photonics, electrical engineering, and creative industries.

In February of 2022, MSU announced a $50 million gift from the Gianforte Family foundation for the construction of a new building to house the Gianforte School of Computing and computing-related fields such as cyber security, optics and photonics, electrical and computer engineering, and creative industries such as film, photography, and music technologies.

Computer science graduates are in high demand both in Montana and nationally. The U.S. Bureau of Labor Statistics reports that employment of computer and information research scientists is projected to grow 22 percent from 2020 to 2030, much faster than the average for all occupations. A 2021 report by the Bureau of Business and Economic Research at the University of Montana found that members of the Montana High Tech Business Alliance expected to add 1,500 jobs in 2021 and that "growth projected in member and nonmember high tech businesses significantly exceeds average statewide economic growth."

The Gianforte School of Computing offers a variety of computing-related credentials for students wishing to pursue a career in the computer science fields. However, the school's faculty and staff are dispersed across five separate buildings, most of which do not have adequate space or building infrastructure to expand upon programs that will support Montana and National demand for computer science professionals.

A new building will bring MSU students modern classrooms, computer labs, research facilities, and innovative collaborative spaces in one location. A new building will also improve opportunities for dual enrollment computer science courses for Montana high school students. The new building will help MSU students be more successful. According to the National Association of Colleges and Employers, for example, average national salaries of computer science graduates jumped 7.1% last year to $72,000. Altogether, a new building dedicated to the Gianforte School of Computing will allow for MSU to attract more students to study an array successful discipline involving computing technologies, which provide ample opportunities for employment, especially for those wishing to live and work in Montana.

A dedicated facility is necessary for MSU to respond to industry needs by providing a centralized facility equipped with ample space and state-of-the art infrastructure which will support the delivery of high-quality educational opportunities in the computer science fields.

FUNDING	
Authority	$50,000,000
TOTAL	**$50,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$45,000,000
Consultant Services	$5,000,000
TOTAL	**$50,000,000**

PRIORITY AO CD-03

ADAMS CENTER - STUDENT ATHLETE LOCKER ROOMS

UNIVERSITY OF MONTANA
$6,000,000

A master plan of student athlete locker rooms and support spaces has been done and the first phases of work already implemented. Authority is required to continue work on the phases of remodel work for student athlete locker rooms.

The Adams Center was acquired in 1953. A major remodel occurred in 1999 but relatively little since then. Modernizing the student athlete locker rooms is part of keeping up with ever-changing world of athletics support spaces for coaches and student athletes in order to provide the best equipment, space & technology for success. The focus of this phase will provide renovated team support spaces for women's sports, including locker rooms, equipment, and laundry.

Authority is requested for the next phases of work to be completed using private funds.

FUNDING	
Authority	$6,000,000
TOTAL	**$6,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,400,000
Consultant Services	$600,000
TOTAL	**$6,000,000**

PRIORITY AO CD-04

CAMPUS WIDE CLASSROOM UPGRADE

UNIVERSITY OF MONTANA
$6,000,000

Authority is requested for continuing phases of remodel work at UM fixed seating and other classrooms across campus. About $3.2M of UM Bond funds were used to modernize classrooms for enhanced student classroom experience last year and continuing into next year. Buildings in which classrooms will be remodeled are as follows: Jeanette Rankin Hall, Natural Sciences, Fine Arts, Stone Hall, Music, McGill Hall, Health Science, Gallagher and Skaggs.

About 11 auditoriums across campus have been identified for modernization using UM Bond funds. These comprised the first-tier priority as the classrooms are heavily used by students and in the worst conditions. A second tier of classrooms can be identified for future modernization if private/UM funds are made available in the future.

Authority required for any private/UM funds available for future modernization work.

FUNDING	
Authority	$6,000,000
TOTAL	**$6,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,400,000
Consultant Services	$600,000
TOTAL	**$6,000,000**

PRIORITY AO CD-05

LIBERAL ARTS BUILDING / ECK HALL

UNIVERSITY OF MONTANA
$4,000,000

Authority is requested for continuing phases of remodel work at Eck Hall. To date, 6 phases of work have occurred over the past several years leading to about 80% of Eck Hall now being fully remodeled.

The Liberal Arts Building was constructed in 1953 and has 100,700 SF, used for teaching humanities classes and faculty offices along with the Dean's office. The main classroom wing of LA Building has been selectively remodeled in phases over summer break for the past several years, largely by private funding, to the point that about 80% of the wing is completely modernized with new windows, HVAC, room finishes, furniture, and IT equipment. Of the previous $6M authority only granted in HB 5 of the 65th Legislature, approximately $2.5 million remains and additional authority only is required for anyfuture phases of work.

Authority required for any private/UM funds available for future modernization work.

FUNDING	
Remaining Authority, 65th	$2,500,000
Authority	$4,000,000
TOTAL	**$6,500,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$5,850,000
Consultant Services	$650,000
TOTAL	**$6,500,000**

PRIORITY AO CD-06

MSU INDOOR PRACTICE FACILITY

MONTANA STATE UNIVERSITY
$15,000,000

This is a legislative Authority Only request for the construction of the Bobcat Indoor Performance Center. The facility will accommodate competition and training space for Bobcat Athletics, including year-round training for all outdoor sports, and will impact all student-athletes during their time at Montana State.

Pursuant to the collaborative work to develop the Athletics Facilities Facility Master Plan in September 2017, MSU leadership, facilities management, the Department of Intercollegiate Athletics, and student athletes identified the need for an indoor performance facility to improve the safety and continuity of practice and operations for all MSU athletic programs.

Identified in the recent Bobcat Athletics Masterplan, MSU lacks the indoor practice space needed to maintain safety and continuity of practice and operations during harsh Montana weather events. Weather such as smoke from regional wildfires or sub-zero temperatures limit the practice seasons for MSU Bobcat Athletics' Programs. Existing indoor practice areas such as the Brick Breeden Fieldhouse are already heavily utilized for other Bobcat Athletic and MSU events. Moreover, increased contraction and expansion causes additional wear on the arena floor.

Construction of the facility will expand the training season for several sports and will provide needed relief for the Brick Breeden Fieldhouse. Creating an Indoor Performance Facility will minimize wear and tear on the track itself due to heavy use of other operations and the movement of bleachers currently in the Fieldhouse that will not occur in the new facility. The new Bobcat Indoor Performance Facility will allow for more flexibility within valuable areas of the Fieldhouse.

FUNDING	
Authority	$15,000,000
TOTAL	**$15,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$13,500,000
Consultant Services	$1,500,000
TOTAL	**$15,000,000**

PRIORITY AO CD-07

GENERAL SPENDING AUTHORITY

MONTANA UNIVERSITY SYSTEM
$20,000,000

General Spending Authorization is needed to address pressing issues and funding that becomes available between legislative sessions. As defined in House Bill 5, sources may include federal special revenue, donations, grants, university funds, and other non-state funds. The Office of the Commissioner of Higher Education is responsible for monitoring and allocating this authorization among the units of the system in accordance with BOR approval and priorities.

The purpose of this authorization is to receive legislative consent for projects that will exceed the limitation on construction found in §18-2-102 MCA, up to a maximum of $2.5 million per project. Projects that exceed this limit are intended to be presented and requested for authorization on an individual basis at the next legislative session.

All project requests to OCHE and the Board of Regents to use this authority are needed by the University System to address programmatic needs, which in large part cannot be funded by the state but for which consent is needed from the legislature. The University System is pursuing gifts, grants, in-kind donations, and identification of university and/or non-state funds to fund these projects and will require State-level authority to accept and expend. Project types could be major maintenance, new construction, renovations, ADA, and code compliance upgrades or other elements necessary to complete the projects.

Projects that utilize this authorization do not require support of additional programs or increased operations and maintenance costs to the State. Any programmatic or O&M costs shall be the responsibility of the University System.

FUNDING	
Authority	$20,000,000
TOTAL	**$20,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$18,000,000
Consultant Services	$2,000,000
TOTAL	**$20,000,000**

PRIORITY AO CD-08

MOTOR VEHICLE VENTILATION & PAINT / SANDBLASTING BOOTHS

MONTANA CORRECTIONAL ENTERPRISES
$590,000

The Motor Vehicle Maintenance (MVM) shop at Montana State Prison offers vocational training and on-the-job experience to inmates. These opportunities prepare them with skills for entry level employment, work ethics, and integration into the work force as productive employees when they return to the community.

MVM vehicle services keep inmates active and engaged while incarcerated. They learn automotive technology and perform all aspects of vehicle repair and maintenance including preventive maintenance (fluid and filter changes, belt replacement, tire repair, etc.), overhauls of major components (engines rebuilds, transmission rebuilds, etc.) and complete vehicle refurbishment and restoration, including upholstery repair and reupholstering. Inmates' involvement in the automotive programs at MVM earn on-the-job training experience and while performing motor vehicle maintenance can earn their ASE Student Certification. Auto body services offered by MVM include body panel repair and replacement, complete paint jobs, body electrical repair and windshield replacements for all types of vehicles and equipment. In addition, MVM offers services to completely repurpose vehicles and equipment such as military surplus trucks for wild land fires and specializes in restoration of antique vehicles such as fire trucks, police cars and tractors. The main automotive programs portion of the MVM building is not equipped with sufficient ventilation to comply with current codes. The existing vehicle exhaust system requires upgrade to bring it into compliance with current ventilation standards and codes for an automotive repair shop. The auto body shop does not have suitable space with adequate ventilation to perform certain auto body work and paint functions. An actual paint booth with proper mechanical ventilation, heating and filtrations systems must be constructed to provide a safe environment for inmates and correctional staff when working with hazardous automotive body and paint materials. The existing sand blasting area is currently in the process of being upgraded by MSP.

Investment in MVM programs at Montana State Prison ensure vehicle related vocational opportunities continue to be offered to inmates. When they return to their communities as contributing members of society, they are productive employees with entry level job skills, work ethic, and improved self-confidence.

FUNDING	
Authority	$590,000
TOTAL	**$590,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$531,000
Consultant Services	$59,000
TOTAL	**$590,000**

PRIORITY AO CD-09

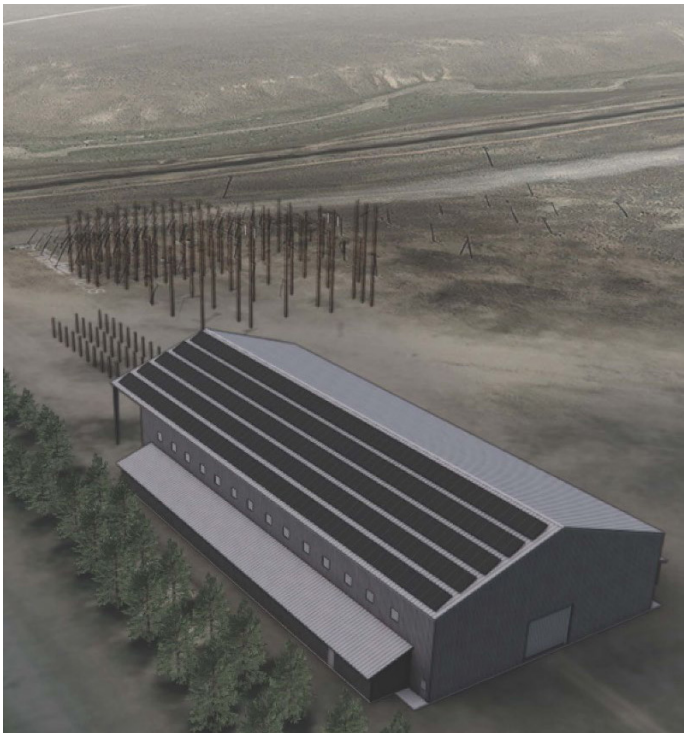
HIGHLANDS COLLEGE INDOOR POLE BARN

HIGHLANDS COLLEGE
$2,000,000

As a part of Montana Tech's long-term institutional growth plan, Highlands College is proposing to build a $2,000,000 indoor pole barn for our Pre-Apprentice Line Program.

The pre-apprentice line program is Highlands College most popular program with a lengthy wait list. This one-semester high-demand, high-skill, high-wage certificate program prepares students for groundsman and apprentice positions within the line trade. The addition of an indoor pole barn we will allow us to immediately double our current enrollment to 60 students each term with the potential for future growth.

The proposed pole barn will be 23,000 square feet - 200' L X 100' W X 40' H with additional 30' on the side which will serve as storage for equipment and tools. The indoor pole barn will have the ability to generate its own power by being equipped with large area solar panels on the roof. The solar panels will not only provide power for the entire pole barn, but excess power can be used to generate power to the main campus building and reduce utility charges.



FUNDING	
Authority	$2,000,000
TOTAL	**$2,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$1,800,000
Consultant Services	$200,000
TOTAL	**$2,000,000**

PRIORITY AO CD-10

FEDERAL SPENDING AUTHORITY

DEPARTMENT OF ADMINISTRATION
$5,000,000

Federal Spending Authorization is needed by the DOA to address pressing issues and funding that becomes available from multiple departments of the federal government between legislative sessions.

Examples include energy conservation, seismic retrofits, and other beneficial upgrades that can be performed to state-owned buildings. Federal appropriations can involve grants, funding opportunities from various programs, and the like. DOA's recent experience with the American Rescue Plan Act (ARPA) and the Infrastructure, Investment, and Jobs Act (IIJA) have demonstrated the need to receive this authorization to take advantage of available federal funding more quickly.

The purpose of this authorization is to receive legislative consent for projects that will exceed the limitation on construction found in §18-2-102 MCA when federal funds become available between legislative sessions.

Project types could be design-only, major maintenance, energy upgrades, new construction, renovations, ADA, and code compliance upgrades or other elements necessary to complete the projects.

Projects that utilize this authorization do not require support of additional programs or increased operations and maintenance costs to the State. Any programmatic or O&M costs shall be the responsibility of the agency for whom DOA performs the project.

The DOA received $5 million of federal spending authority 10-years ago during the 62nd legislative session.

FUNDING	
Authority	$5,000,000
TOTAL	**$5,000,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$4,500,000
Consultant Services	$500,000
TOTAL	**$5,000,000**

PRIORITY AO CD-11

ENERGY IMPROVEMENTS, STATEWIDE

DEPARTMENT OF ENVIRONMENTAL QUALITY
$3,700,000

The State Buildings Energy Conservation Program (SBECP), operated by the Department of Environmental Quality (DEQ), was established by the 1989 Legislature to reduce operating costs in state facilities by identifying and funding cost effective resource efficiency improvements. Statutory authority is Title 90, Chapter 4, part 6, MCA.

The program was started with one-time-only federal grant funding and then from 1993-2007 the state sold general obligation (G.O.) bonds and used the bond proceeds to pay for resource efficiency improvements. These bonds continue to be repaid from the resulting project cost savings.

- In the 2011 biennium, general fund and one-time-only federal funding were utilized for energy improvement projects and enabled the establishment of the current revolving fund program.
- During the 2017 Special Legislative Session, a one-time transfer of $450,000 was moved from the state-funded Energy Conservation and Capital Projects account to the general fund to help backfill budget shortfalls.
- Resource efficiency improvements include replacing old inefficient boilers, upgrading inefficient lighting, increasing ventilation system efficiency, insulating buildings, providing more effective temperature controls, and installing water conserving fixtures.
- Projects are designed so the cost savings meet or exceed the project investment. Project repayments revolve into an account for reinvestment into new projects.
- DEQ provides technical assistance on project development and works with facility staff to ensure that cost savings are maintained.
- During fiscal years 2022 and 2023, the SBECP has and/or intends to invest approximately $1,876,745 into five projects resulting in estimated utility cost savings of $171,146 per year. (Montana School for Deaf and Blind, Helena Job Service, Montana Heritage Center, Montana Women's Prison, and UM Western)

Agencies may often lack funding in their operating budgets to make these large-scale system improvements and SBECP funding supplements operational budgets or long-range funds to complete system upgrade projects resulting in improved energy efficiency, improved system control and operation, and increased comfort.

Improving state facilities by funding energy efficiency projects through the SBECP results in utility consumption reduction, and the resulting utility budget savings revolve back into the account over time to fund future cost reduction efforts. This SBECP $3.7 million authorization request is available to all State agencies and the Montana University System.

FUNDING	
Authority	$3,700,000
TOTAL	**$3,700,000**

ESTIMATED PROJECT COSTS	
Construction Costs	$3,330,000
Consultant Services	$370,000
TOTAL	**$3,700,000**

SUMMARY OF ALL AGENCY REQUEST

STATEWIDE BY AGENCY 2024-2025

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
	DEPARTMENT OF ENVIRONMENTAL QUALITY	
AO CD	AUTHORITY Energy Improvements, Statewide	3,700,000
	TOTAL: DEQ	**3,700,000**
	DEPARTMENT OF LABOR & INDUSTRY	
MR	Billings UI Call Center Repairs	1,000,000
CD	Job Service Great Falls Building Renovation	5,767,880
	TOTAL: DLI	**6,767,880**
	DEPARTMENT OF MILITARY AFFAIRS	
CD	Aviation Facility HVAC & Temperature Control Upgrade	3,580,365
MR	Aviation Support Facility Energy Improvements	1,067,500
MR	BAFRC Photovoltaic Solar Installation	468,000
CD	Billings Readiness and Innovation Campus	12,840,000
MR	Billings Readiness Lifecycle Replacement	978,594
MR	Building 1005 Expansion and Compound Upgrades	713,700
MR	Building 530 Compound Improvements	526,125
CD	Collective Training Housing Facility	3,000,000
MR	Crew Proficiency Course Tower Improvements	396,934
MR	Energy Improvements and Generator Backup	320,250
MR	Facility LED Lighting Retrofit	238,816
CD	Federal Spending Authority	3,000,000
MR	Fort Harrison Lighting Upgrades	564,250
MR	Gallatin RC & FMS HVAC & Controls Repairs	1,282,988
MR	Gallatin Readiness Center Roof Replacement	1,482,910
MR	HAFRC Lighting and Control Modifications	351,715
CD	Helena Readiness HVAC & Temp Control Upgrade	3,340,668
CD	Limited Army Aviation Support Facility	52,400,000
MR	Maintenance Shop HVAC and Controls Upgrade	1,486,733
MR	Parking Lot Sustainment	183,000
CD	Ready Building Addition	4,700,000
MR	SMART Deferred Maintenance Program	1,500,000
CD	State Disaster Warehouse	5,704,000
CD	State Emergency Coordination Center Expansion	6,581,000
CD	State of MT Armory Revitalization Target	30,000,000
SUPP CD	SUPPLEMENTAL Ag Ananlytical (Combined Labs)	3,858,000
SUPP CD	SUPPLEMENTAL Billings AFRC Unheated Storage	92,416
SUPP CD	SUPPLEMENTAL Havre Unheated Building	126,636
SUPP CD	SUPPLEMENTAL Silver Bow Readiness Center	13,713,049
MR	Training Equipment Site HVAC & Controls Upgrade	569,969
CD	Training Site HVAC and Controls Upgrade	2,574,002
MR	Womack Armory Compound Improvements	1,227,686
	TOTAL: DMA	**158,869,306**
	DEPARTMENT OF NATURAL RESOURCES & CONSERVATION	
CD	Anaconda Bunkhouse	1,180,962
AO	AUTHORITY East Fork Dam Rehabilitation	10,200,000
AO	AUTHORITY Painted Rocks Rehabilitation	4,000,000
CD	Clearwater Replacement Bunkhouse	1,189,178

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
CD	CLO Dispatch Center Expansion	545,000
CD	NELO Fire Ready Room	445,491
CD	Seedling Nursery Capital Investment	2,797,320
MR	Stillwater Unit Shop	1,214,837
SUPP CD	SUPPLEMENTAL ELO Facilities & Shop	2,180,235
SUPP MR	SUPPLEMENTAL Swan Unit Office Siding and Weather Barrier	187,687
	TOTAL DNRC	**23,940,710**
	DEPARTMENT OF ADMINISTRATION	
CD	5 Last Chance Gulch Atrium Renovation	15,558,029
AO CD	AUTHORITY Federal Spending Authority	5,000,000
MR	Boiler & Chiller Replacement - Walt Sullivan	473,707
MR	Campus ADA Upgrades	2,283,904
MR	Campus Exterior Doors - Capitol Complex	337,750
MR	Demolish Secretary of State Annex (6th & Washington)	550,000
MR	Elevator Modifications - Cogswell Building	768,757
MR	Elevator Modifications-Walt Sullivan Building	379,763
MR	Elevator Repairs - State Capitol Building	869,055
MR	Enterprise Fire Alarm System-Capitol Complex	1,800,000
MR	Facility Repairs - 1227 11th Avenue	1,599,149
MR	Facility Repairs - 1300 11th Avenue	2,477,901
MR	FCA Baseline Assessments	1,500,000
MR	Flooring Replacement - Mazurek Building	1,244,170
MR	Flooring Replacement - Metcalf Building	796,660
MR	Flooring Replacement - Walt Sullivan Building	652,015
CD	HVAC System Upgrades - Mitchell Building	4,516,360
MR	Mechanical System Upgrade - Metcalf Building	1,588,621
CD	Old Board of Health Renovation	3,500,000
MR	Original Governor's Mansion Repairs	600,000
MR	Parking Garage Repairs - 5 Last Chance Gulch	1,808,145
CD	Parking Lot Repairs - 111/115 N Sanders St	3,000,000
MR	Power Generators for Capitol Building	1,704,145
MR	Project Management & Supervision	2,000,000
CD	Renovation of Capitol Complex Offices ROWS	50,000,000
MR	Roof & Mechanical - DPHHS 111 N. Sanders St.	1,309,099
MR	Roof Replacement - Cogswell Building	1,115,652
MR	Roof Replacement - FWP Headquarters	289,695
MR	Roof Replacement - Mitchell Building	800,141
MR	Roof Replacement - Scott Hart Building	707,330
CD	State Capitol Building Improvements	26,316,458
SUPP CD	SUPPLEMENTAL Mazurek Building Renovation	5,000,000
	TOTAL DOA	**104,546,506**
	DEPARTMENT OF CORRECTIONS	
AO MR	AUTHORITY MCE Dust/Air Handling/Fire Suppression	700,000
AO MR	AUTHORITY MCE Food Factory Emergency Generator	100,000
AO CD	AUTHORITY MCE Motor Vehicle Blg: Ventilation and Paint & Sandblasting Booths	590,000
AO MR	AUTHORITY MCE Industries Repairs	700,000

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
MR	DOC Develop Facility Specific Program & Master Plan	600,000
CD	DOC General Infrastructure Update (New Prison)	553,081,160
MR	Eastmont HVAC System Repairs/Replacements	200,000
CD	MSP Check Point Bldg / Wallace Entry Security Enhancements	3,000,000
CD	MSP Entry/Staff Services Addition to Wallace Building	12,800,000
CD	MSP Male Special Needs Housing	26,790,400
CD	MSP New Multi-Purpose Programs Building	9,000,000
MR	MSP Perimeter Fence Enhancement	1,500,000
MR	MSP Red Light/Emergency Notification System	1,000,000
CD	MSP Replace Correctional Industries Building	13,832,000
CD	MSP Replace Low-Side Housing	135,000,000
CD	MSP Replace Roofs	5,600,000
CD	MSP Road Replacement	4,000,000
MR	MSP Site Infrastructure Study	300,000
MR	MSP Unit F Water Supply Upgrade	600,000
CD	MSP Water Line Replacement	3,000,000
MR	MWP Carpet and Painting of Pods	200,000
MR	MWP Cooling System Upgrade	750,000
MR	MWP Heating System Upgrade	1,500,000
MR	MWP Perimeter Fence/Dog Yard	1,000,000
CD	MWP Roof Replacement	5,000,000
CD	MWP Vocational Building	20,000,000
MR	Pine Hills Roof Replacement	1,000,000
MR	Pine Hills Unit F Sewer Line Replacemet	500,000
SUPP MR	SUPPLEMENTAL Door Control Systems	450,000
CD	Xanthopoulos Building Repairs	2,950,000
	TOTAL DOC	**805,743,560**
	DEPARTMENT OF JUSTICE	
MR	Audio Visual Upgrades MLEA	364,000
MR	Boiler Replacement - MLEA Admin Building	830,000
MR	Boulder Dorm Renovations	250,000
MR	Classroom Connectivity and Remote Learning	1,400,000
MR	Missoula Crime Lab Expansion Feasibility Study	75,000
MR	Roof Replacement- MHP Boulder Campus	1,860,000
	TOTAL DOJ	**4,779,000**
	DEPARTMENT OF PUBLIC HEALTH & HUMAN SERVICES	
CD	DPHHS Behavioral Health Initiative	113,000,000
CD	IBC Building 104 Renovation	10,000,000
MR	MMHNCC Backup Water Well	200,000
CD	MMHNCC Heated Storage Unit	720,000
MR	MMHNCC Key Card Entry System	125,000
MR	MMHNCC Site Improvements & Increase Parking	300,000
CD	MSH All Compliance Upgrades for Recertification & Deferred Maintenance	15,903,000
MR	MSH Compliance: Loading Dock Replacement	150,000
MR	MSH Compliance: Baseline Joint Commission Statement of Conditions	-
MR	MSH Compliance: Fencing for Emergency Exiting	-

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
MR	MSH Compliance: Floor Replacement for Fall Risk (Spratt)	-
MR	MSH Compliance: HVAC Upgrades	-
CD	MSH Compliance: Independent Water District Project	-
MR	MSH Compliance: Kitchen Upgrade	150,000
MR	MSH Compliance: Med Clinic Upgrade	250,000
MR	MSH Compliance: Restore Nurse Call System to Full Operation	-
MR	MSH Compliance: Sally Port Repairs & Upgrades	-
SUPP MR	SUPPLEMENTAL MMHNCC Roof Replacement	1,500,000
SUPP MR	SUPPLEMENTAL MSH Main Building Roof Replacement	800,000
SUPP MR	SUPPLEMENTAL MSH Waste Water Treatment System Repairs	1,400,000
SUPP MR	SUPPLEMENTAL MVH ARPA Mechanical Upgrade	423,039
SUPP MR	SUPPLEMENTAL MVH Flooring Project	367,000
SUPP MR	SUPPLEMENTAL MVH Roof Replacement	1,600,000
SUPP MR	SUPPLEMENTAL Special Care Unit Courtyard Improvements	517,000
SUPP CD	SUPPLEMENTAL State Health Lab Renovation	7,000,000
SUPP CD	SUPPLEMENTAL SW MVH Cottage Connectors	5,250,000
	TOTAL DPHHS	**159,655,039**
	DEPARTMENT OF FISH, WILDLIFE & PARKS	
CD	Admin Facilities Major Maintenance	6,931,500
CD	Agency Staff Housing	7,500,000
CD	Beartooth WMA Facilities Upgrade	8,000,000
CD	Central Services Site Upgrades	17,168,330
MR	Community Ponds	200,000
CD	Erosion Control	2,673,000
MR	Fish Connectivity	1,967,680
MR	Forest Management	400,000
MR	Future Fisheries	2,000,000
CD	Habitat Montana	12,000,000
MR	Hatcheries Maintenance	2,000,000
CD	Makoshika Campground Improvement & Addition	5,000,000
MR	Migratory Bird Wetland Program	500,000
MR	PALA Access Program	1,000,000
CD	POR Grant Programs	11,000,000
CD	Shooting Range Development	4,000,000
CD	Signage & Wayfinding Updates	2,500,000
CD	Site Maintenance Upgrades & Improvements	7,536,200
SUPP CD	SUPPLEMENTAL Glasgow Headquarters	3,100,000
SUPP CD	SUPPLEMENTAL Havre Area Office	2,820,000
SUPP CD	SUPPLEMENTAL Lewistown Area Office	4,000,000
SUPP CD	SUPPLEMENTAL MT Wild Avian Rehab Bldg	550,000
CD	Upland Game Bird Enhancement Program	2,508,000
MR	Wildlife Habitat Improvement Program Renewal	2,000,000
CD	Wildlife Habitat Management & Maintenance	3,905,000
	TOTAL FWP	**111,259,710**
	DEPARTMENT OF LIVESTOCK	
SUPP CD	SUPPLEMENTAL Vet Diagnostic Lab (Combined Labs)	2,200,000

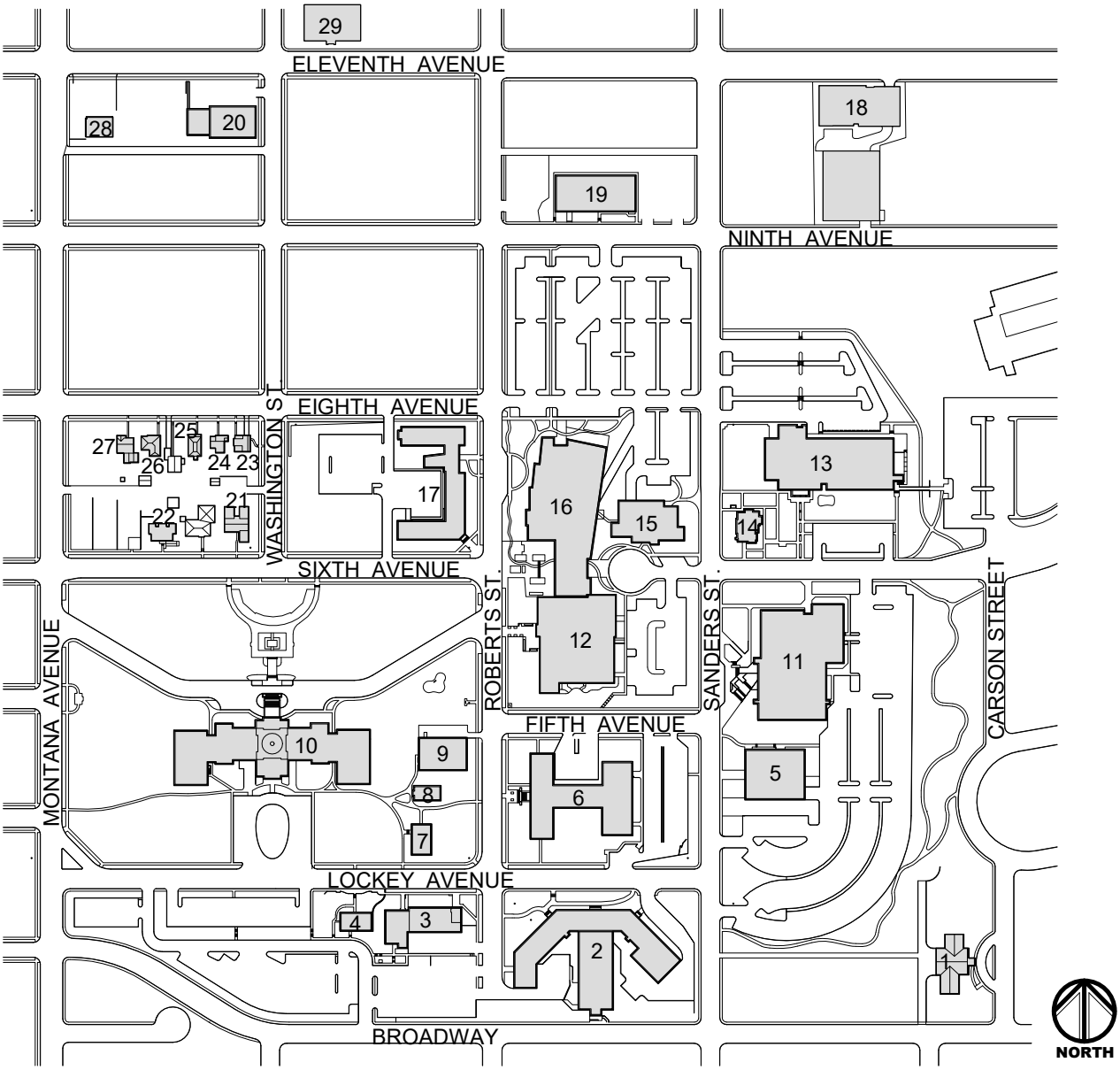
PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
	TOTAL DOL	**2,200,000**
MONTANA DEPARTMENT OF TRANSPORTATION		
CD	Combination Facility Great Falls	12,600,000
CD	Combination Facility Kalispell	11,000,000
CD	Combination Facility Missoula	10,500,000
CD	Maintenance, Repair and Small Projects	3,000,000
SUPP CD	SUPPLEMENTAL Lincoln Airport SRE Building	250,000
SUPP CD	SUPPLEMENTAL Yellowstone Airport Terminal	9,000,000
	TOTAL MDT	**46,350,000**
MONTANA SCHOOL FOR THE DEAF & BLIND		
MR	Campus Security Camera Install	300,000
MR	Create Bus Loop and Update Parking Lot	349,637
MR	MSDB Broadband and Streaming Project	1,150,500
SUPP MR	SUPPLEMENTAL Sprinkler Systems - Mustang Center & Dining	830,854
	TOTAL MSDB	**2,630,991**
MONTANA UNIVERSITY SYSTEM		
AO CD	AUTHORITY General Spending Authority	20,000,000
MR	GFC Fire Suppression System Upgrades	500,000
CD	HC Acquire and Renovate Airport Hangar	3,600,000
MR	HC Art Instruction Renovation	162,500
AO MR	HC AUTHORITY Cosmetology Program Renovation	2,495,000
MR	HC Construct New Fire Tower Facility	500,000
MR	HC Enclose Existing Paint Booth	195,000
MR	HC Paving and Parking lot Upgrades	195,000
MR	HC Rehabilitate and Recondition concrete floor	130,000
CD	HC Renovate Cold Storage to Teaching Space	2,500,000
MR	HC Security Upgrade-Donaldson and Airport Campus	480,000
MR	MAES BART Demolition Project	450,000
CD	MAES BART Life-Safety & Programmatic Improvements	10,000,000
MR	MAES Fort Ellis Historic House Renovation	900,000
MR	MAES Lambing Barn Renovation & Safety Upgrades	2,000,000
MR	MAES Nutrition Center Renovation	2,400,000
MR	MAES Old Fort Headquarters Roof Replacement	1,250,000
MR	MAES Pesticide Collection Tank Enclosures	400,000
MR	MAES Research Steer Barn Replacement	250,000
SUPP CD	MAES SUPPLEMENTAL MAES Research Labs	1,604,050
SUPP CD	MAES SUPPLEMENTAL MAES WARC Horticulture & Teaching Lab	382,050
MR	MAES Thackeray Ranch Re-Roof & Safety Upgrades	350,000
MR	MAES WARC Building Renovation Project	1,600,000
MR	MAES WARC Shop Renovation & Safety Upgrades	600,000
AO CD	MSU AUTHORITY Gianforte Hall MSU Computing Building	50,000,000
AO CD	MSU AUTHORITY Mark and Robyn Jones MSU College of Nursing	92,000,000
AO CD	MSU AUTHORITY MSU Indoor Practice Facility	15,000,000
MR	MSU Barnard Hall Cooling System Repair & Improvements	1,750,000
MR	MSU Campus Energy District Repairs	1,900,000
MR	MSU Campus Fire Alarm Network Installation	2,200,000

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
MR	MSU Campus Heating Plant Boiler Controls Upgrade	2,400,000
MR	MSU Cobleigh Hall Parapet Structural Repair	2,400,000
MR	MSU Emergency Water System & Fixture Upgrades	2,400,000
MR	MSU Garfield Street Reconstruction	2,400,000
MR	MSU Hamilton Hall Life-Safety System Improvements	2,400,000
MR	MSU Herrick Hall Attic Renovation	1,900,000
MR	MSU Herrick Hall Life-Safety & ADA Upgrades	2,400,000
MR	MSU Herrick Hall Roof Replacement	2,200,000
MR	MSU Lewis Hall ADA Upgrades	2,400,000
CD	MSU Lewis Hall Code & Instructional Renovations	31,500,000
MR	MSU Lewis Hall Life-Safety & ADA Upgrades	2,100,000
MR	MSU Linfield Hall Branch Circuit Upgrades	2,200,000
MR	MSU Linfield Hall Roof Replacement	2,100,000
MR	MSU Linfield Hall Transformer & MDP Upgrades	2,100,000
MR	MSU Master Key Boxes Installation	1,050,000
MR	MSU Reid Hall Elevator Replacement	2,100,000
MR	MSU Reid Hall HV System Upgrades	2,100,000
MR	MSU Reid Hall Life-Safety & ADA Upgrades	2,400,000
MR	MSU Reid Hall Secondary Electrical Upgrades	850,000
MR	MSU Renne Egress & Operational Improvements	630,000
MR	MSU Renne Library Elevator Replacement	2,100,000
MR	MSU Roberts Hall Life-Safety & ADA Upgrades	2,300,000
MR	MSU Roberts Hall Window Replacement & Restoration	1,300,000
MR	MSU Sherrick Hall ADA Upgrades	2,100,000
MR	MSU Sidewalk Safety & Operational Improvements	910,000
MR	MSU South 12th Ave. Reconstruction	690,000
MR	MSU Storm Water System Quality Improvements	340,000
SUPP CD	MSU SUPPLEMENTAL Haynes Hall Ventilation Upgrades	3,400,000
SUPP AO	MSU SUPPLEMENTAL MSU Facilities Yard Relocation	8,000,000
SUPP MR	MSU SUPPLEMENTAL Reid Hall Fire System Upgrades	1,000,000
SUPP AO	MSU SUPPLEMENTAL Visual Communications Building PBS Addition	4,000,000
SUPP CD	MSU SUPPLEMENTAL Wool Lab (Combined Labs)	4,700,000
MR	MSU Taylor Hall Envelope Repairs	560,000
MR	MSU Tietz Hall Roof Replacement	1,300,000
MR	MSU Traphagen Hall Roof Replacement	1,600,000
MR	MSU Wilson Hall Roof & Envelope Replacement	2,100,000
MR	MSU-B Campus Water Distribution System Upgrades	2,400,000
MR	MSU-B Cisel Hall HVAC Upgrades	2,000,000
MR	MSU-B Cisel Hall Plumbing System Replacement	1,000,000
MR	MSU-B Cisel Hall Window Replacement	1,000,000
MR	MSU-B Facilities Shop Roof Replacement	400,000
MR	MSU-B Liberal Arts Building HVAC Upgrades	1,500,000
MR	MSU-B P.E. Building Fire Suppression System	750,000
MR	MSU-B P.E. Building HVAC Upgrades	950,000
MR	MSU-B P.E. Building Roof Replacement	2,400,000
MR	MSU-B Poly Building Demolition	1,200,000

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
MR	MSU-B Technology Building HVAC Upgrades	1,300,000
MR	MSU-N Campus EMS Building Controls Upgrade Project	400,000
MR	MSU-N Cowan Hall Roof Project	700,000
MR	MSU-N Electronics Tech HVAC & Lighting Upgrade	800,000
CD	MSU-N Health & Recreation Complex (Phase II)	14,000,000
MR	MSU-N Metals Technology Building Roof Project	400,000
MR	MSU-N Pershing Hall Renovation	2,400,000
SUPP MR	MSU-N SUPPLEMENTAL Brockmann Center HVAC & Energy Upgrades	1,907,320
SUPP MR	MSU-N SUPPLEMENTAL Vande Bogart Library Roof Replacement	675,000
AO CD	TECH AUTHORITY Highlands College Indoor Pole Barn	2,000,000
MR	TECH Electrical Distribution - Multiple Bldgs	650,000
CD	TECH Engineering Hall Full Interior Renovations	8,000,000
CD	TECH Main Hall Remodel and Renovation	30,000,000
MR	TECH Masonry Repairs - Plaster, Tuckpointing, Flat	455,000
MR	TECH Restroom Renovations	1,200,000
SUPP CD	TECH SUPPLEMENTAL Heating Systems Upgrade	2,750,000
AO CD	UM AUTHORITY Adams Center - Student Athlete Locker Rooms	6,000,000
AO CD	UM AUTHORITY Campus Wide Classroom Upgrades	6,000,000
AO CD	UM AUTHORITY Liberal Arts Building / Eck Hall	4,000,000
CD	UM Clapp Building Renovation	37,000,000
MR	UM De-ionized Water System	520,000
MR	UM FLBS Elrod Building Modernization	265,000
MR	UM FLBS Entrance Road and Parking Lots	1,150,500
MR	UM FLBS HVAC Upgrades	368,750
MR	UM FLBS Roof Replacements	262,000
MR	UM FLBS SERL Radiation Research Space	137,175
CD	UM FLBS Water and Sewer Systems	2,500,000
MR	UM FLBS Wet Lab & Clean Labs	110,625
MR	UM FLBS Window Replacements	110,625
MR	UM Heating Plant - Replace Old Equip	650,000
MR	UM Music Building Remodel	2,150,000
MR	UM Priority 1 Roof Replacements	2,425,000
MR	UM Priority 2 Roof Replacements	2,100,000
CD	UM Rankin Hall Renovation	9,000,000
MR	UM Replace Electrical Equipment	325,000
MR	UM Replace Fire Alarms - Clapp Building	780,000
MR	UM Replace Mechanical Equipment	2,499,999
SUPP MR	UM SUPPLEMENTAL Clapp Building Elevator Modernization	500,000
SUPP MR	UM SUPPLEMENTAL FLBS Sewer Treatment Plant	1,100,000
SUPP CD	UM SUPPLEMENTAL Forestry Conservation & Science Lab	12,000,000
SUPP AO	UM SUPPLEMENTAL Mansfield Library Remodel	4,000,000
SUPP MR	UM SUPPLEMENTAL Mansfield Library Roof Replacement	500,000
SUPP MR	UM SUPPLEMENTAL Stone Hall Roof Replacement	800,000
CD	UM Undergraduate Science Labs Renovation	16,000,000
MR	UM Upgrade Power & Hoods for MC West Welding	347,000
MR	UM Upgrade/Replace Elevators	2,498,650

PROJECT TYPE	PROJECT DESCRIPTION	REQUESTED
MR	UMW Annex to Emerick Arts Building	1,350,000
MR	UMW Campus Building Envelope Repairs	415,000
CD	UMW Campus Storage/Warehouse Building	1,250,000
MR	UMW Elevator Repair/Replacement	325,000
MR	UMW Renovate Short Admin/Library Building	775,000
MR	UMW Repair/Replace Sewer Mains	425,000
SUPP CD	UMW SUPPLEMENTAL Block Hall Renovation	3,600,000
	TOTAL MUS	**527,701,244**
DEPARTMENT OF REVENUE		
SUPP CD	SUPPLEMENTAL Liquor Warehouse Expansion	14,315,750
	TOTAL DOR	**14,315,750**
	TOTAL ALL REQUESTS	**2,008,459,696**

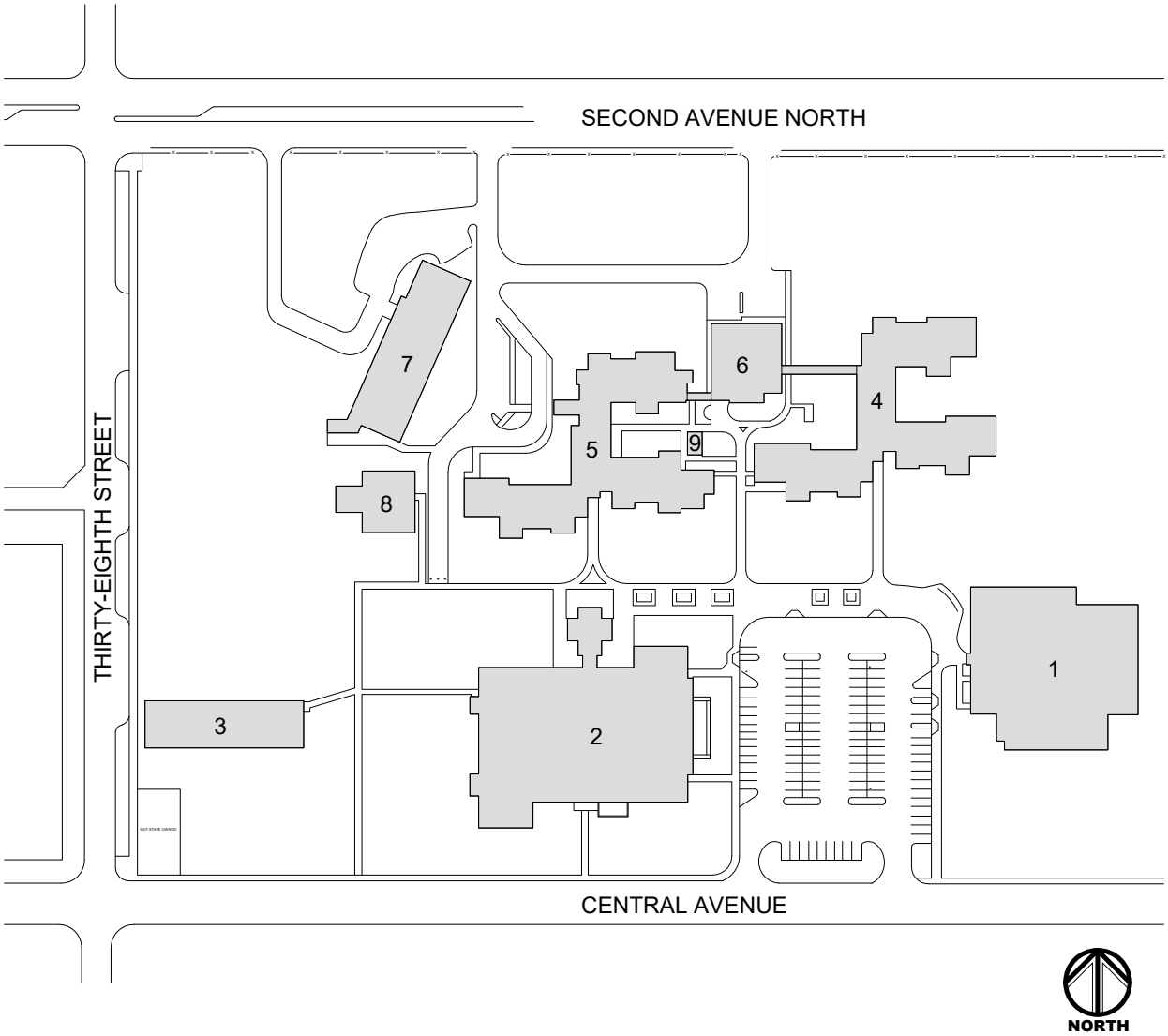
CAMPUS SITE MAPS



LEGEND

1 Executive Residence
2 Cogswell Bldg (DPHHS)
3 Walt Sullivan Bldg (L&I)
4 Old Board of Health Bldg (L&I)
5 DPHHS
6 Mitchell Bldg (Revenue/Admin)
7 Old Livestock
8 Capitol Annex
9 Boiler Plant
10 State Capitol
11 Justice / State Library
12 MT Heritage Center
13 Metcalf Bldg
14 Teacher's Retirement Bldg
15 Fish Wildlife & Parks
16 MT Heritage Center
17 Scott Hart Bldg
18 DNRC
19 DNRC
20 OPI
21 Secretary of State Annex
22 Diane Building
23 MT Highway Patrol
24 Livestock - Milk Control
25 Consumer Protection
26 Petroleum Tank Release Compensation Brd
27 Political Practices
28 OPI
29 OPI

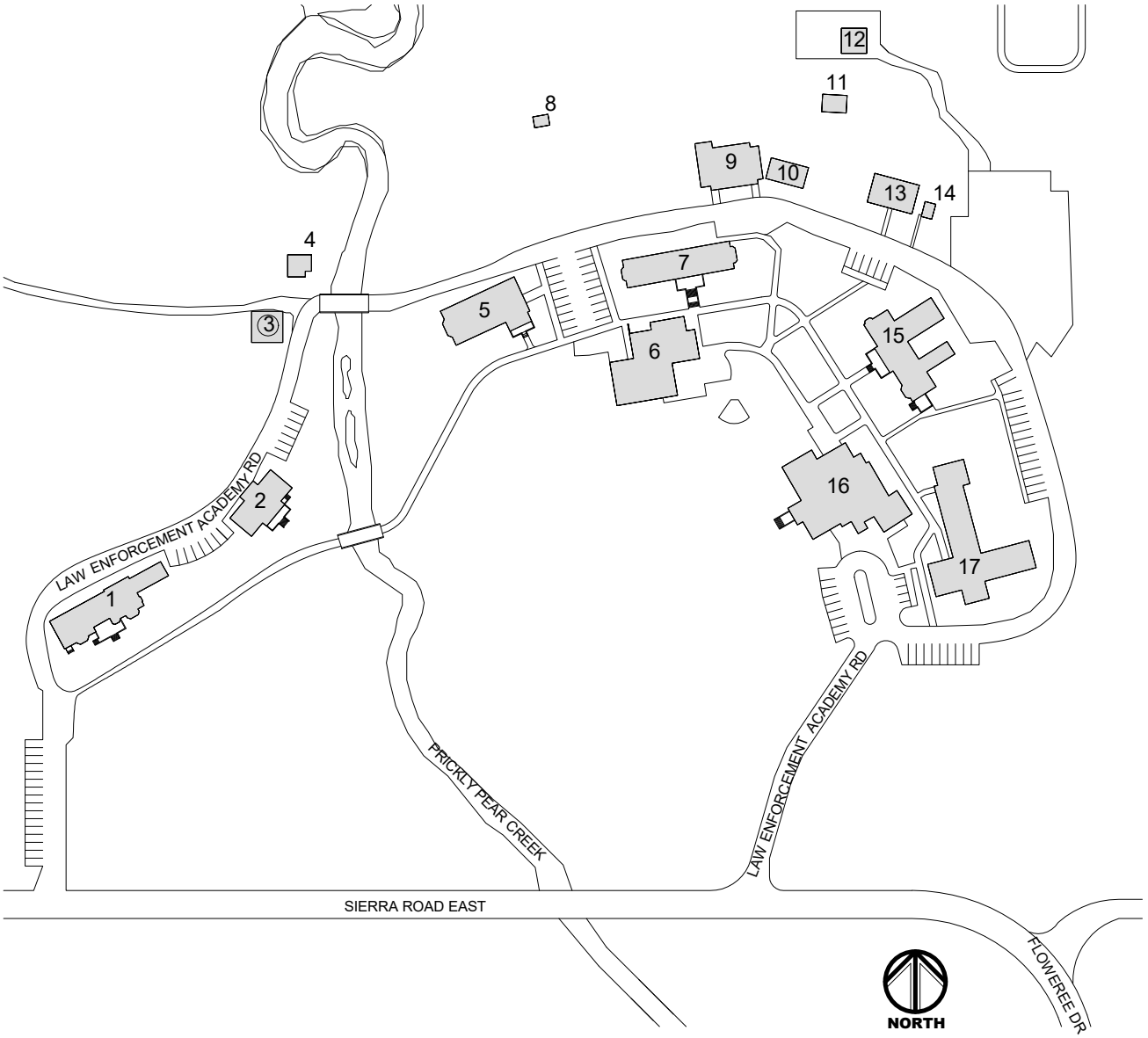
CAPITOL COMPLEX
HELENA, MONTANA



LEGEND

1 P.E. Complex
2 Administration / School
3 Vocational Shop
4 Dormitory, East
5 Dormitory, West
6 Food Service
7 Classroom Building
8 Boiler House
9 Bicycle Shed

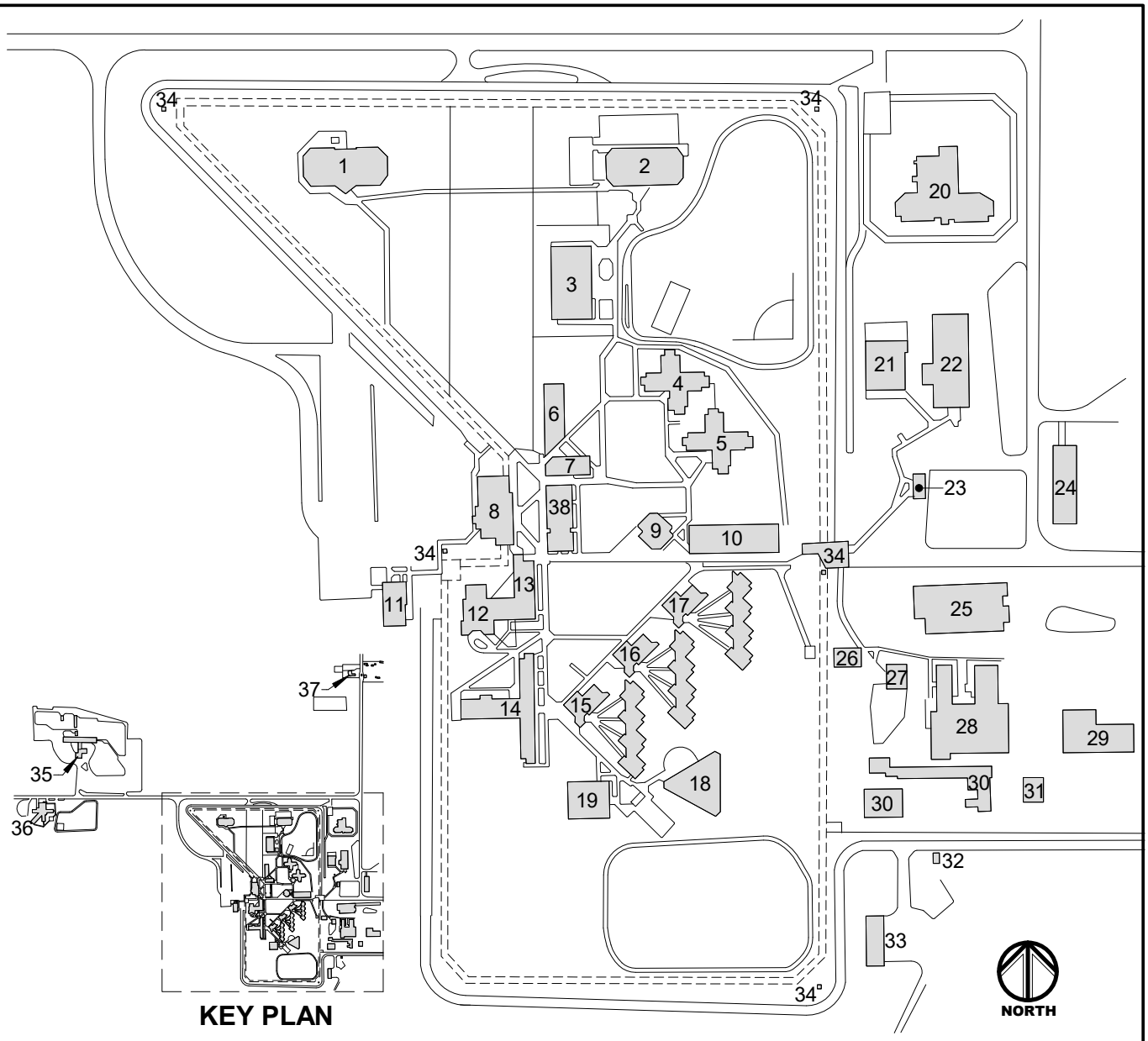
SCHOOL FOR THE DEAF & BLIND
GREAT FALLS, MONTANA



LEGEND

1 Spruce Dorm
2 Aspen Dorm
3 Water Storage Tower
4 Pump House
5 Gymnasium
6 Kitchen / Dining
7 Administration
8 Sewage Lift Station
9 Shop
10 Garage
11 Training Structure
12 Water Treatment Building
13 Clinic
14 Storage
15 Maple Dorm
16 Education Center
17 Cottonwood Dorm

MONTANA LAW ENFORCEMENT ACADEMY
HELENA, MONTANA

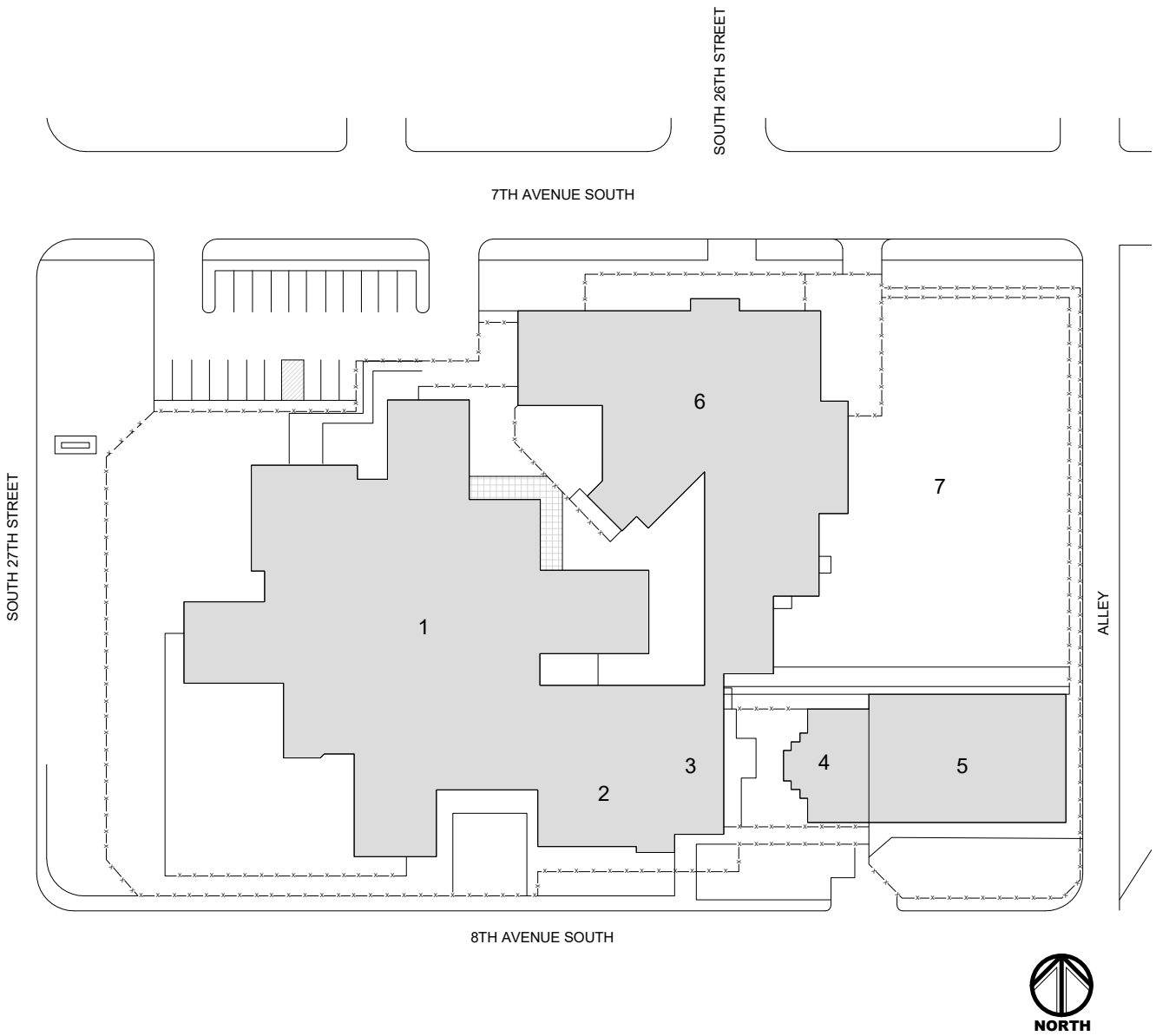


KEY PLAN

LEGEND

1 Restricted Housing Unit (RHU)
2 Secure Adjustment Unit (SAU)
3 Laundry / Voc Ed
4 Unit HSU-2 - Close 2
5 Unit HSU-1 - Close 1
6 High Support
7 High Visiting
8 Wallace Building
9 Religious Activity Center (RAC)
10 High Kitchen / Dining
11 IT / IPS / Investigations Building
12 Main Infirmary
13 Security Services Building
14 Low Security Support - Rothe
15 Low Security Housing - Unit A
16 Low Security Housing - Unit B
17 Low Security Housing - Unit C
18 Low Security Housing - Unit D
19 Low Security Gym
20 Martz Diagnostic Intake Unit (MDIU)
21 Food Factory
22 Warehouse
23 Laundry Dispatch
24 Canteen Warehouse
25 MVM / Vocational Training
26 Change House
27 Industries Dining
28 Industries Manufacturing
29 Tag Plant
30 Maintenance Shop
31 Fire House
32 Scale House & Pesticide Storage
33 Farm Machinery Shed
34 Guard Station
35 Dairy
36 Work & Re-Entry Center (WRC)
37 Ranch Office
38 High Gym

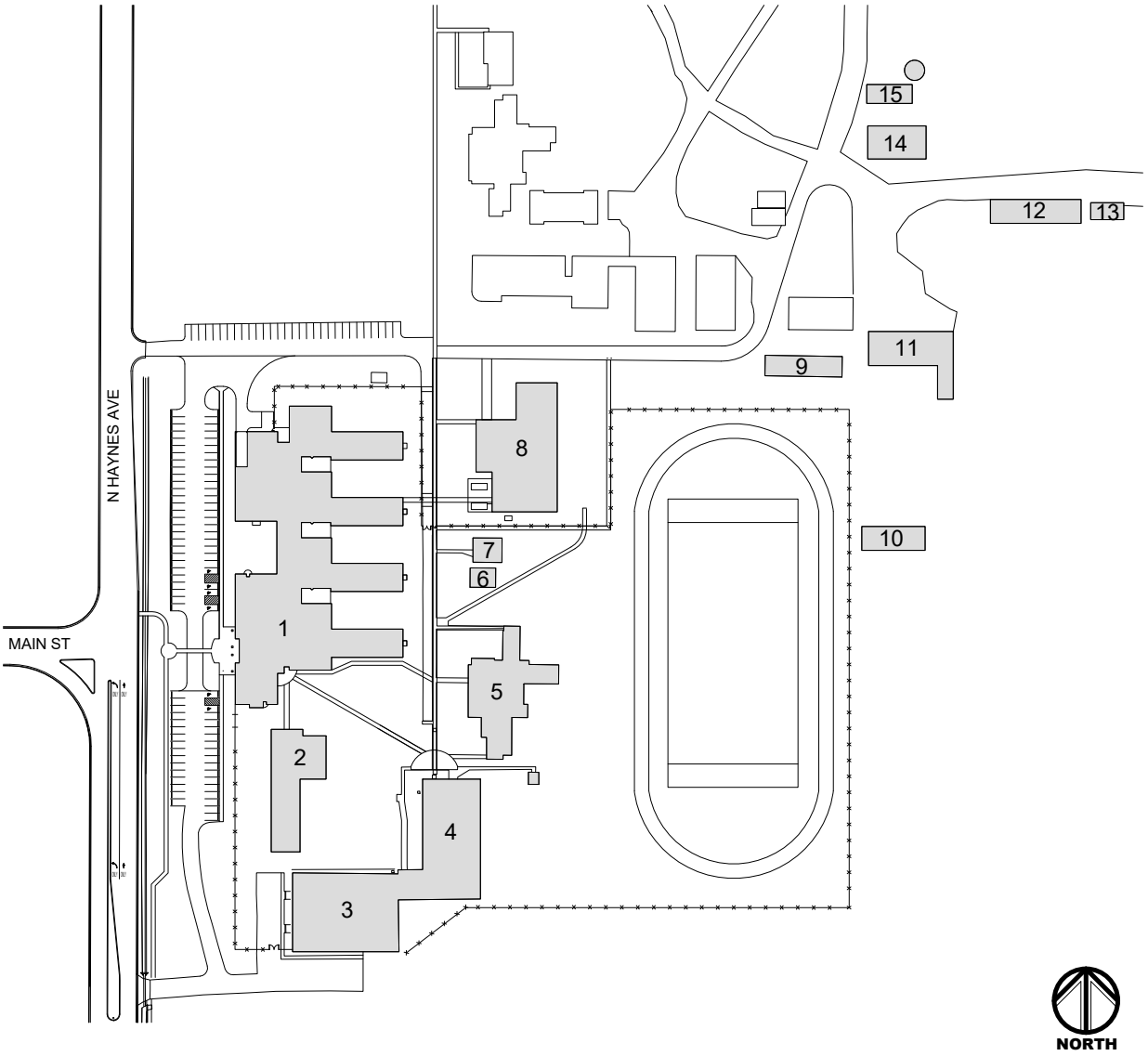
MONTANA STATE PRISON
DEER LODGE, MONTANA



LEGEND

1 Original Facility
2 Gymnasium
3 Visitor Center
4 Chapel
5 Industries Facility
6 New Cellblock
7 Recreation

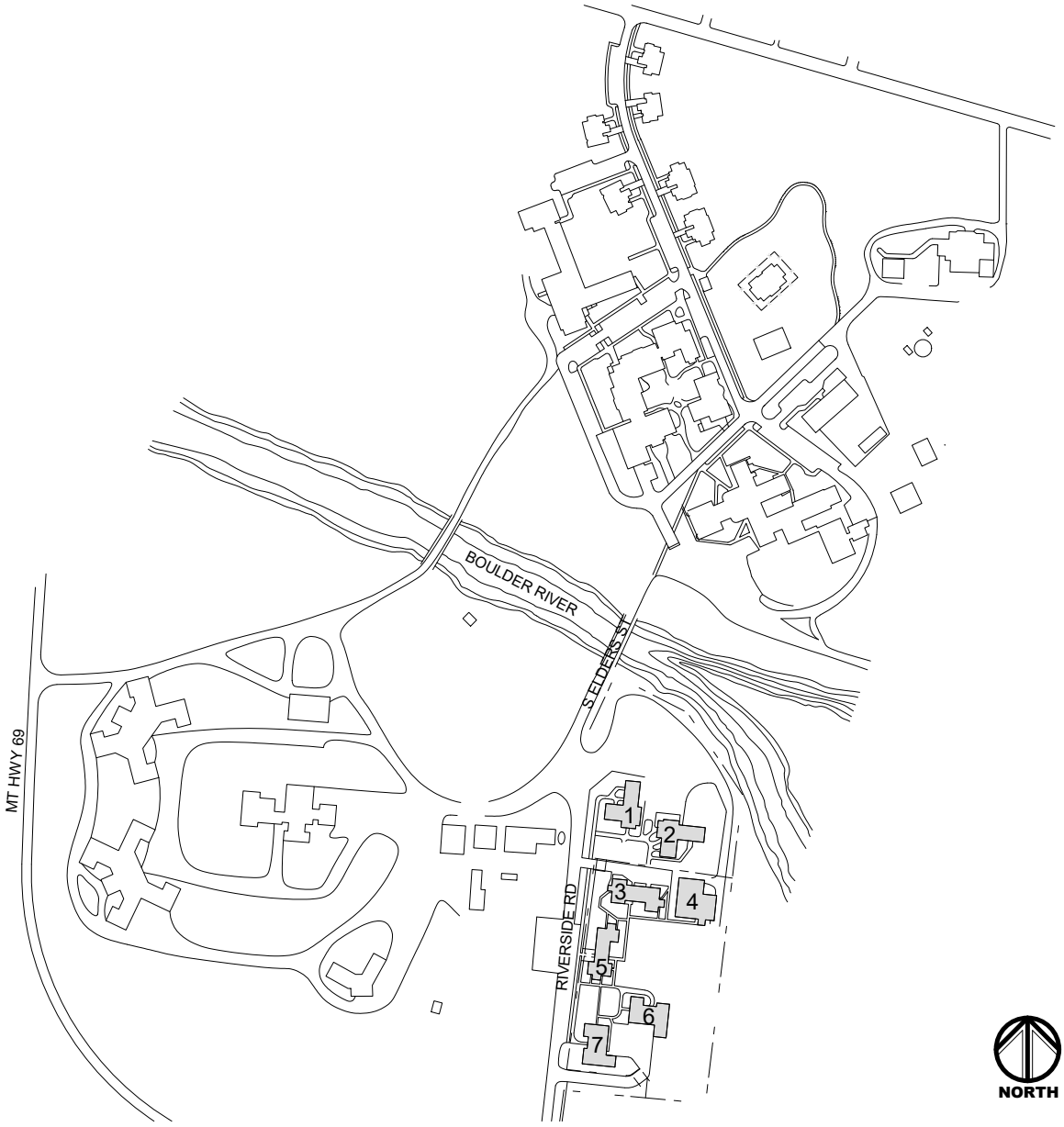
MONTANA WOMEN'S PRISON
BILLINGS, MONTANA



LEGEND

1 Pods 1 through 4
2 Pod 5
3 Gymnasium
4 Pine Hills School
5 Spiritual Center / Canteen
6 Work Restitution Building
7 Greenhouse
8 Warehouse / Maintenance
9 Parking Shed
10 Grow Tunnel (Greenhouse)
11 Dairy Barn
12 Loafing Shed
13 Bull Barn
14 Chicken House (Abandoned)
15 Greenhouse (Abandoned)

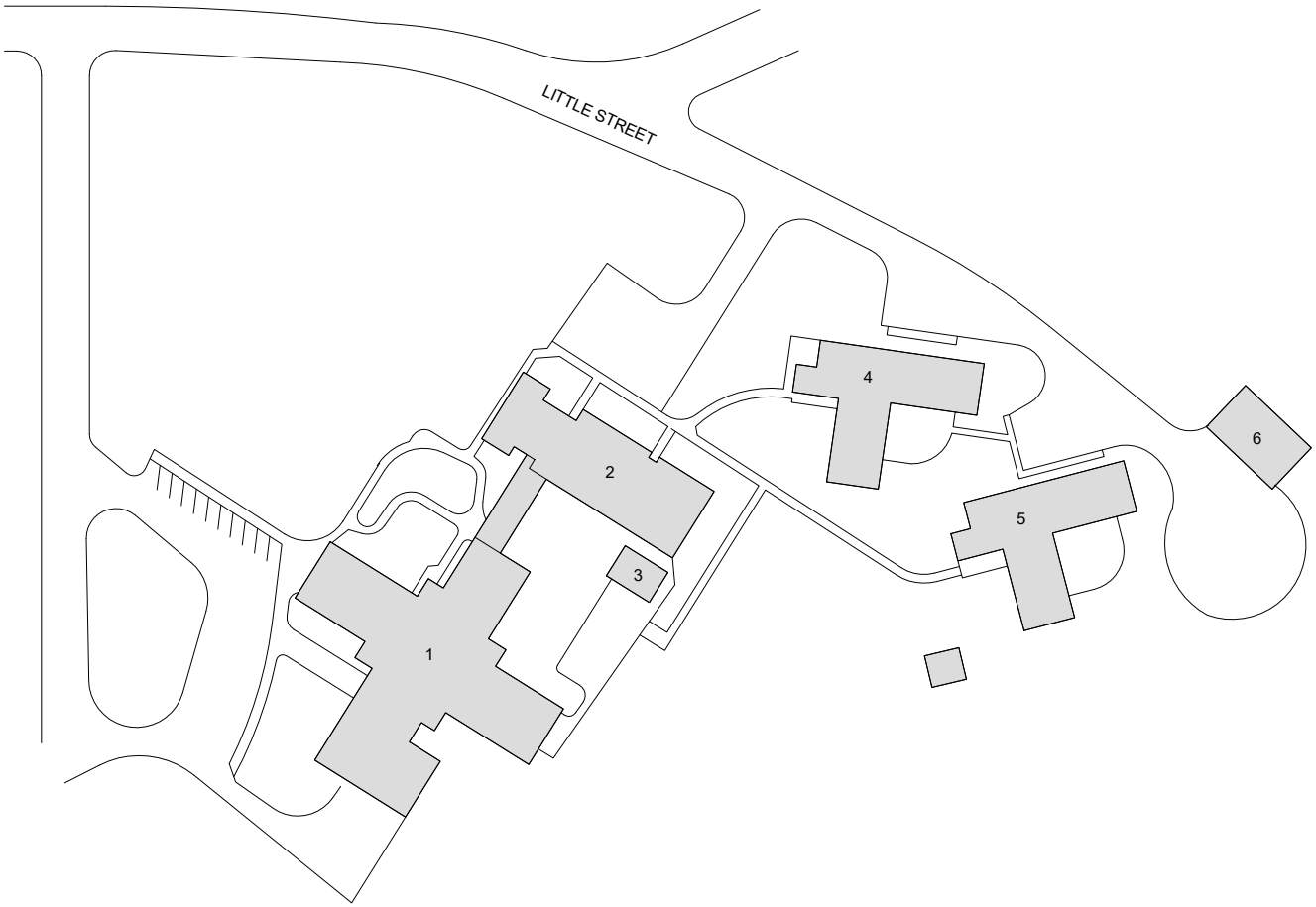
PINE HILLS YOUTH CORRECTIONAL FACILITY
MILES CITY, MONTANA



LEGEND

1 Aspen
2 Youth Alternatives
3 Classroom
4 Gymnasium / Multi-Purpose Building
5 Administration
6 Lock Down
7 Temporary Housing

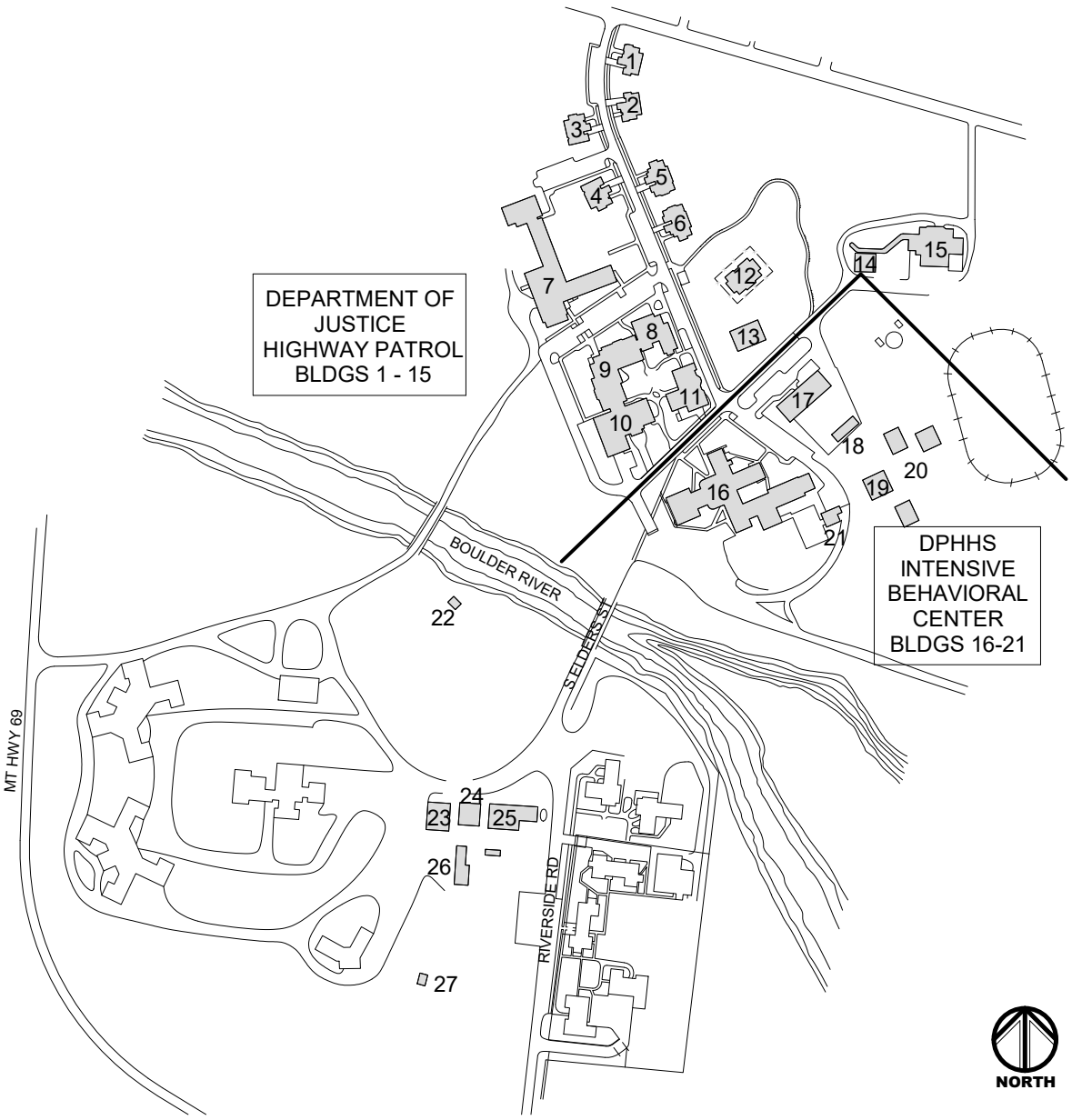
RIVERSIDE SPECIAL NEEDS UNIT (RSNU)
BOULDER, MONTANA



LEGEND

1 Cottage III
2 Multi-Purpose Building
3 Storage Shed
4 Administration / Cottage I
5 Cottage II
6 Shop / Garage

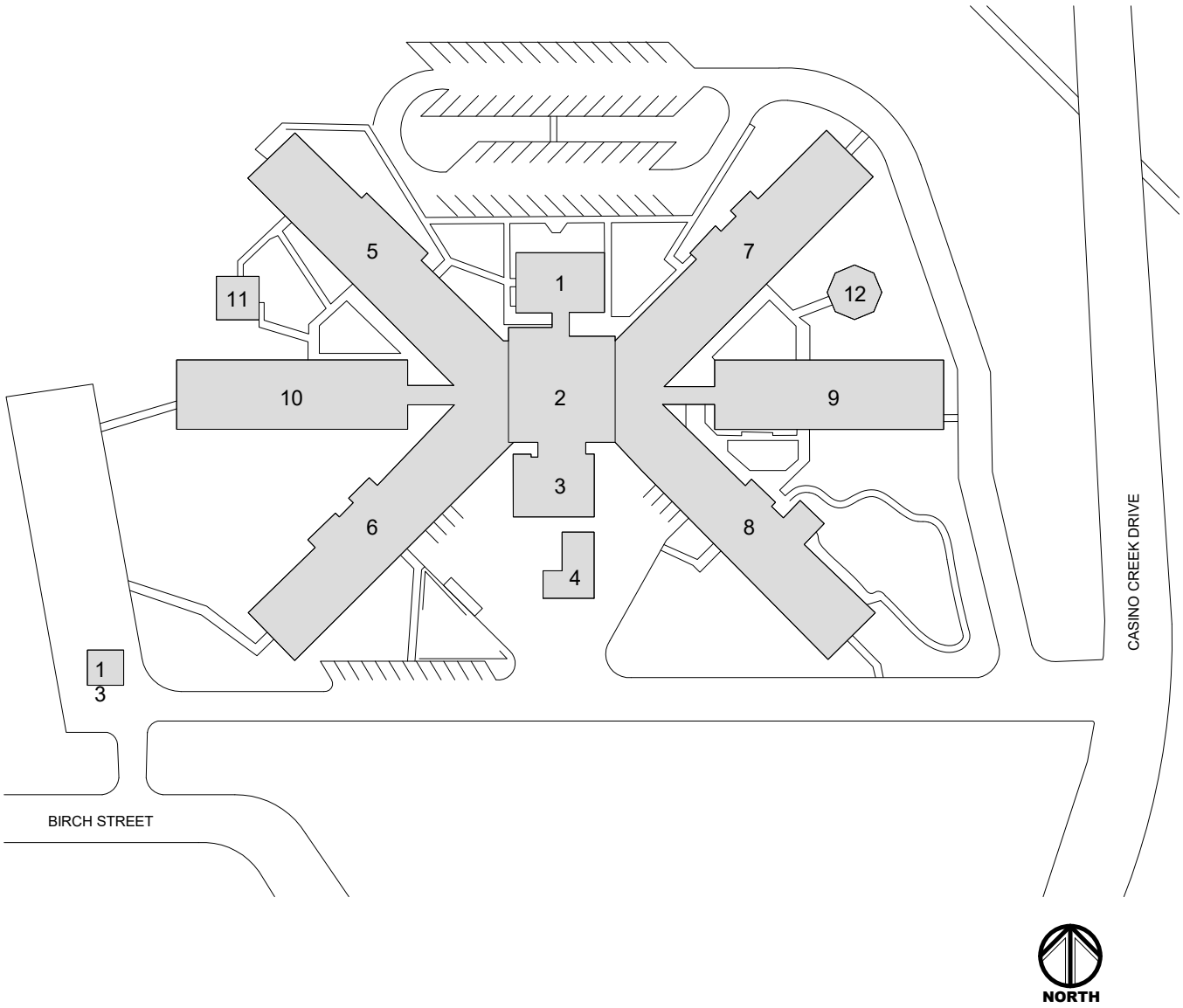
WATCH EAST
GLENDIVE, MONTANA



LEGEND

1 6 Bed Home
2 6 Bed Home
3 10 Bed Home
4 10 Bed Home
5 12 Bed Home
6 12 Bed Home
7 Gymnasium & Aquatic Training Facility
8 Administration
9 Treatment Services
10 Food Services & Warehouse
11 Storefront & Industries & Central Plant
12 Old Administration
13 Church
14 Storage
15 Warehouse
16 Residential & Health Services
17 Shop
18 Quonset
19 ASU Administration Building
20 ASU Housing
21 Laundry
22 Pumphouse
23 Laundry
24 Old Laundry / Storage
25 Powerhouse
26 Cottage Storage
27 Pumphouse

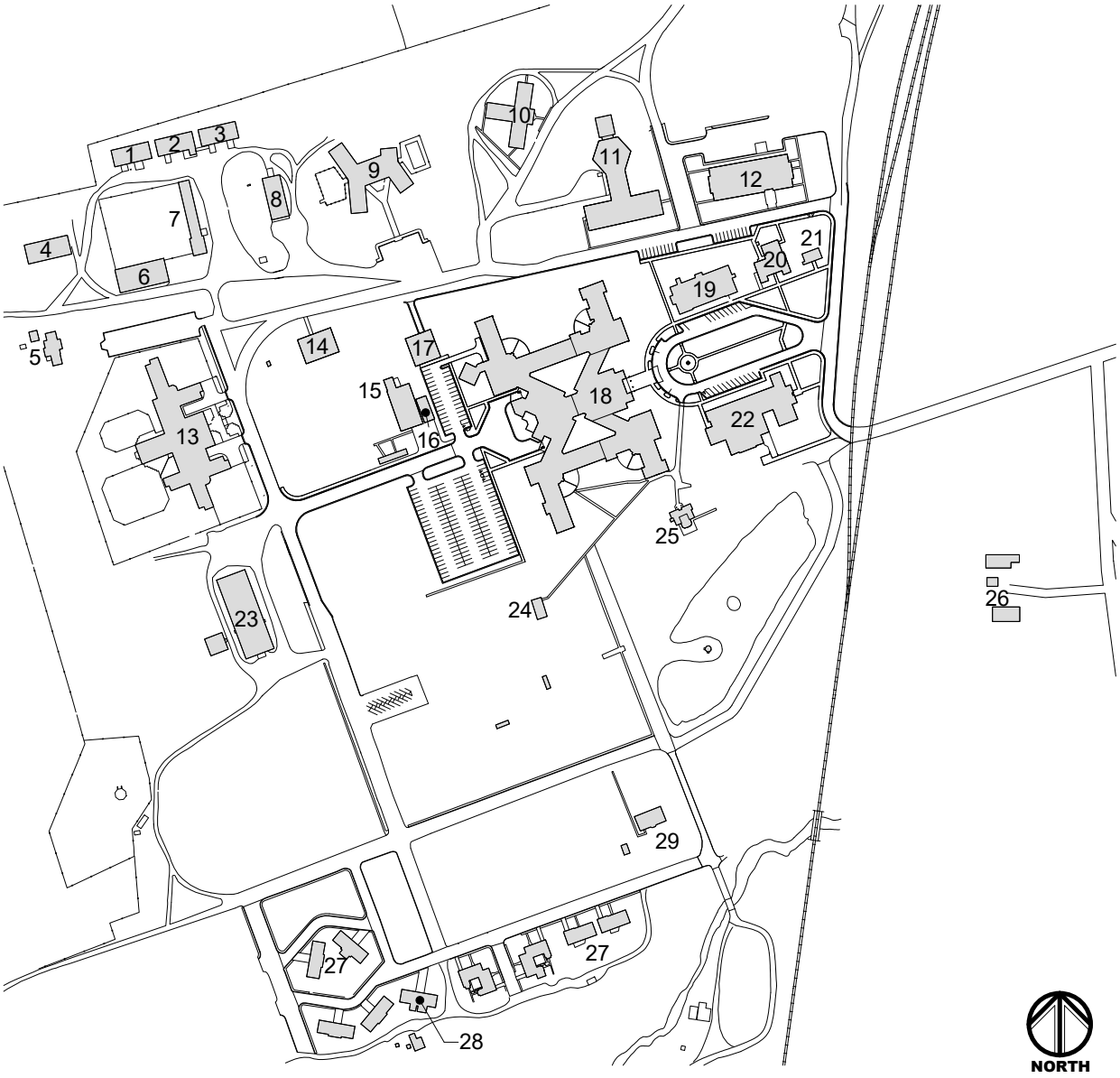
MONTANA DEVELOPMENTAL CENTER
BOULDER, MONTANA



LEGEND

1 Multi-Purpose Building - Wing H
2 Dining - Wing C
3 Kitchen
4 Shop Building
5 Wing A
6 Wing B
7 Wing D
8 Wing E
9 Wing F
10 Wing G
11 Pavilion
12 Gazebo
13 Garage

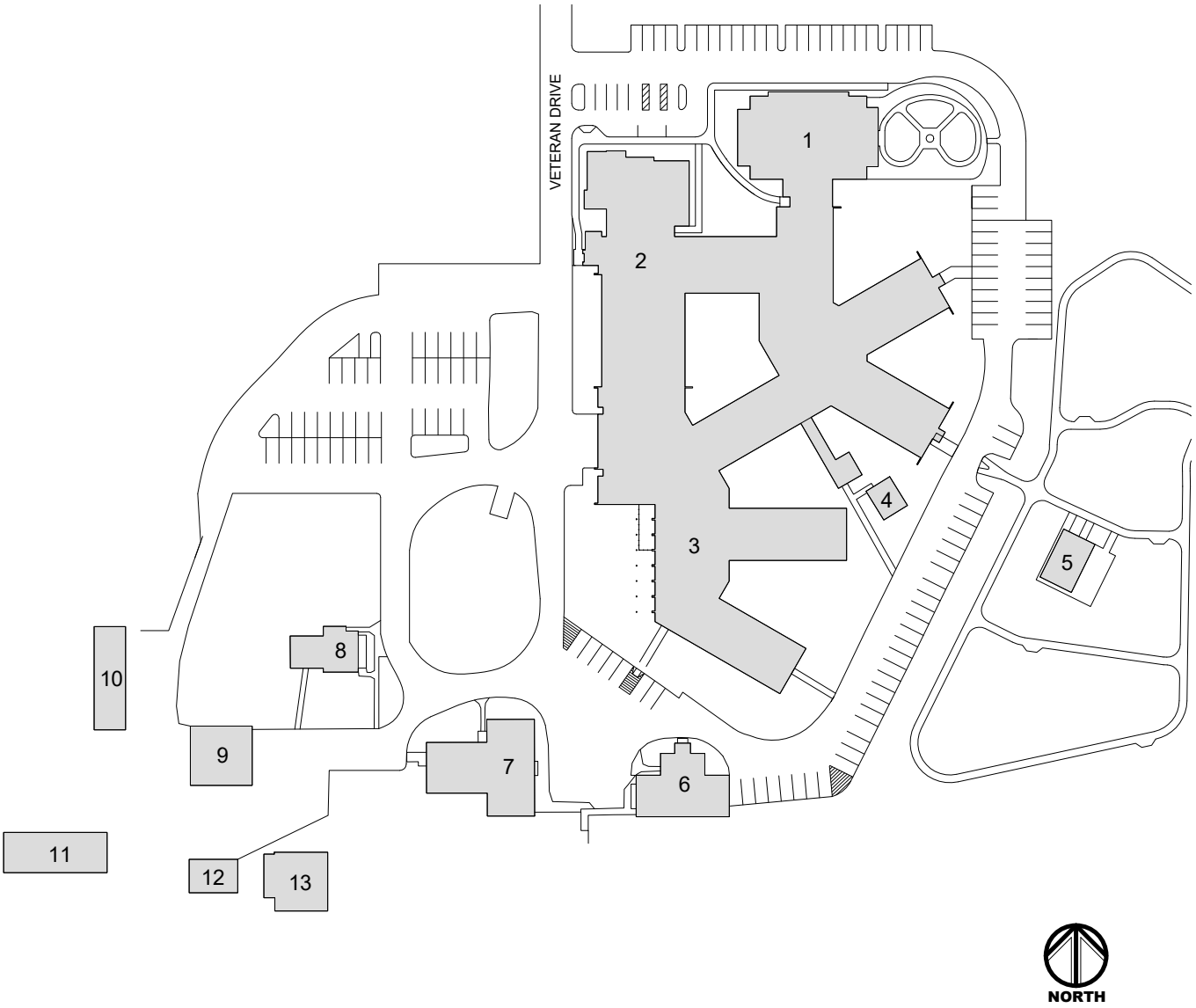
MONTANA MENTAL HEALTH NURSING CARE CENTER
LEWISTOWN, MONTANA



LEGEND

1 Plumbing Shop
2 Maintenance Office / Shops
3 Paint Shop
4 Maintenance / Storage
5 Mickleberry House
6 Barn / Storage
7 Old Maintenance Shop
8 Carpentry Shop
9 Storage
10 Pintlar Lodge
11 Spratt Building
12 Recovery Center
13 Xanthopoulos / Corrections
14 Old Boiler Plant
15 Main Garage
16 Mechanic Shop
17 New Boiler Plant
18 Main Hospital
19 Administrative Annex
20 Admin
21 Post Office
22 Therapeutic Learning Center
23 Receiving Warehouse
24 Greenhouse
25 Chapel
26 Residence
27 Staff Housing
28 Johnson House
29 McCollum House

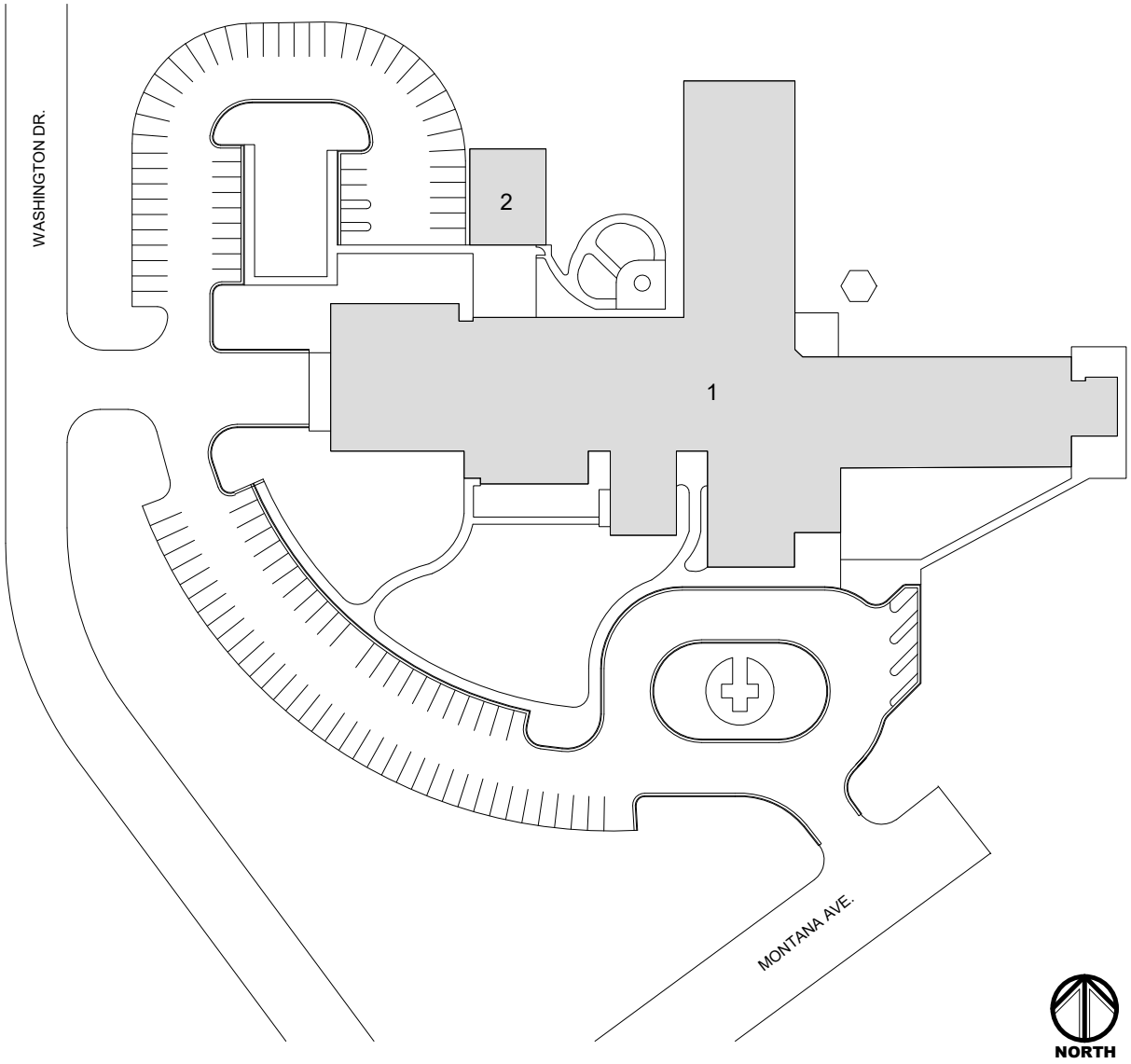
MONTANA STATE HOSPITAL
WARM SPRINGS, MONTANA



LEGEND

1 Special Care Unit
2 Nursing Home Addition
3 Domicillary / Office
4 Designated Smoking Area
5 Pavilion
6 Chapel
7 Old Main
8 Residence
9 New Garage
10 Shop
11 Plumbing Shop
12 Carpentry Shop
13 Boiler House

MONTANA VETERANS HOME
COLUMBIA FALLS, MONTANA

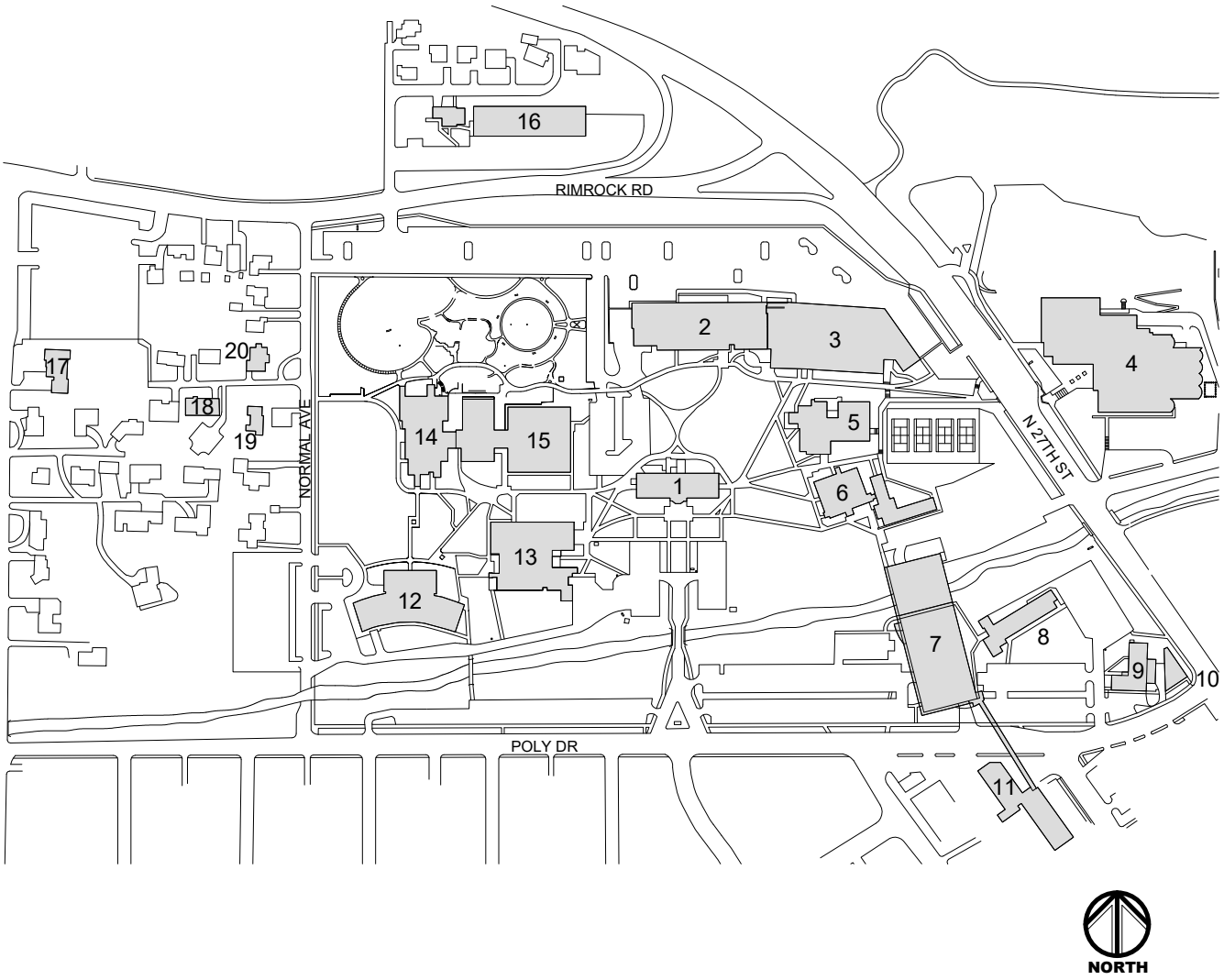


LEGEND

1 EASTERN MT VETERANS HOME
MAIN FACILITY

2 GARAGE

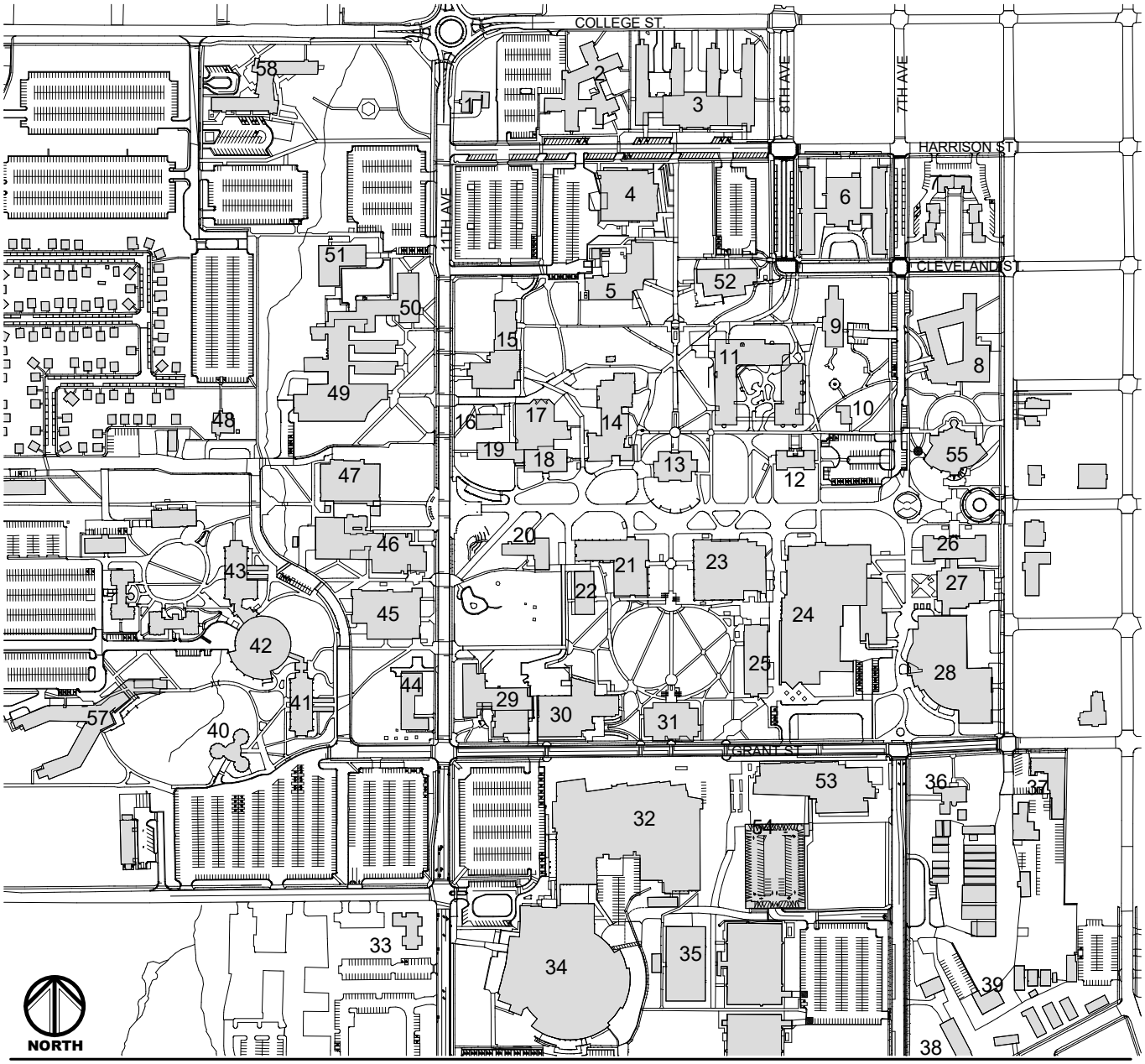
EASTERN MONTANA VETERANS HOME
GLENDIVE, MONTANA



LEGEND

1 McMullen Hall
2 Petro Hall
3 Student Union Building / Rimrock Hall
4 Physical Education Building
5 Academic Support
6 Cisel Hall
7 Parking Garage
8 Apsaruke Hall
9 Art Annex
10 Poly Building
11 McDonald Hall
12 College of Education
13 Science Building
14 Liberal Arts Building
15 Library
16 Facility Services
17 Foundation House
18 Yellowstone Public Radio
19 Lowe Daycare & Enrichment Center
20 Alumni / Guest House

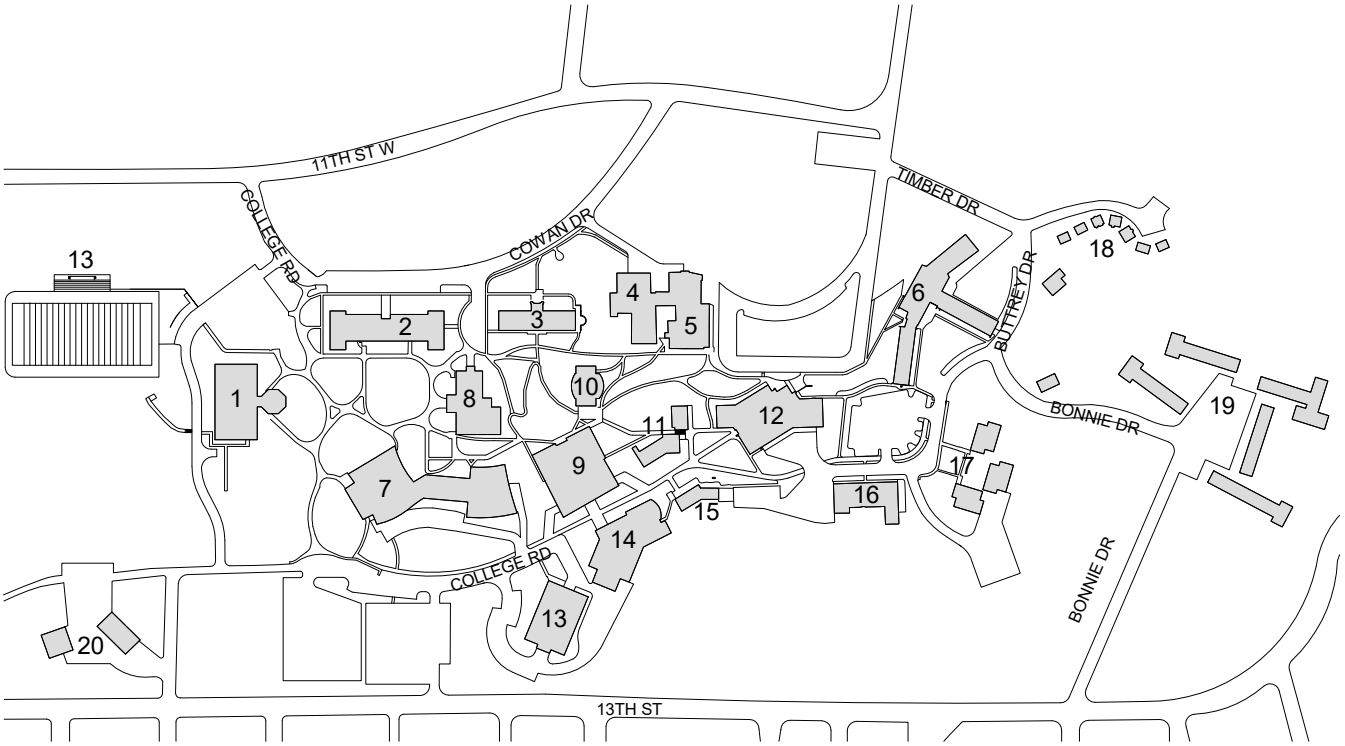
MONTANA STATE UNIVERSITY - BILLINGS
BILLINGS, MONTANA



LEGEND

1 Wool Lab
2 Langford Hall
3 Johnstone Center
4 Rendezvous Dining
5 Chem & Biochem Research
6 Hapner Hall
7 Quads
8 Hannon Hall
9 Herrick Hall
10 Danforth Chapel
11 Wilson Hall
12 Hamilton Hall
13 Montana Hall
14 Leon Johnson Hall
15 Linfield Hall
16 Taylor Hall
17 Animal Resources
18 Lewis Hall
19 Cooley Lab
20 Sherrick Hall
21 Reid Hall
22 Traphagen Hall
23 Renne Library
24 Strand Union
25 A.J.M. Johnson Hall
26 Roberts Hall
27 Cobleigh Hall
28 Barnard Hall
29 Vis Com Bldg
30 Gaines Hall
31 Romney Hall
32 Fitness Center
33 MSU Alumni Foundtion
34 Brick Breeden Fieldhouse
35 Bobcat Tennis Center
36 Heating Plant
37 Plew Physical Plant
38 Forest Products Lab
39 Campus Stores
40 Roskie Hall
41 Hedges South
42 Miller Dining Hall
43 Hedges North
44 McCall Hall
45 Howard Hall
46 Cheever Hall
47 Haynes Hall
48 ASMSU Day Care
49 Plant Growth Center
50 Plant Bioscience
51 Animal Bioscience
52 Jake Jabs Hall
53 Norm Asbjornson Hall
54 Parking Garage
55 American Indian Hall
56 Bobcat Athletic Ctr
56 Hyalite Hall
57 Yellowstone Hall

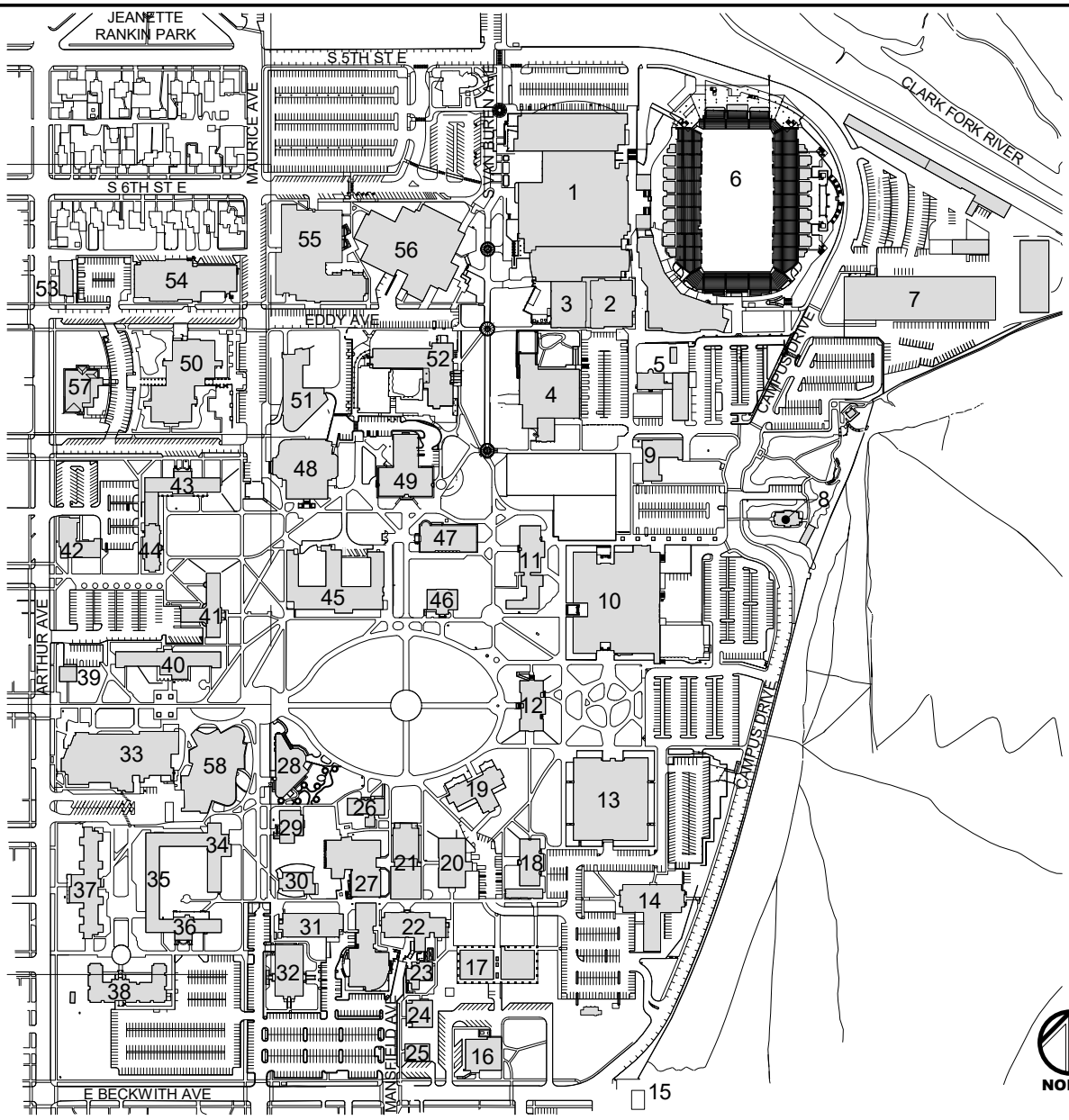
MONTANA STATE UNIVERSITY
BOZEMAN, MONTANA



LEGEND

1 Hagener Science Center
2 Cowan Hall
3 Donaldson Hall
4 Food Service
5 Student Union Building
6 Morgan Hall
7 Armory Gym
8 Vande Bogart Library
9 Brockmann Center
10 Pershing Hall
11 Electronics
12 Diesel Technology Center
13 Farm Mechanics
14 Applied Technology Center
15 Auto Diagnostics
16 Metals Technology
17 MacKenzie Hall
18 Staff Housing
19 Family Housing
20 Physical Plant

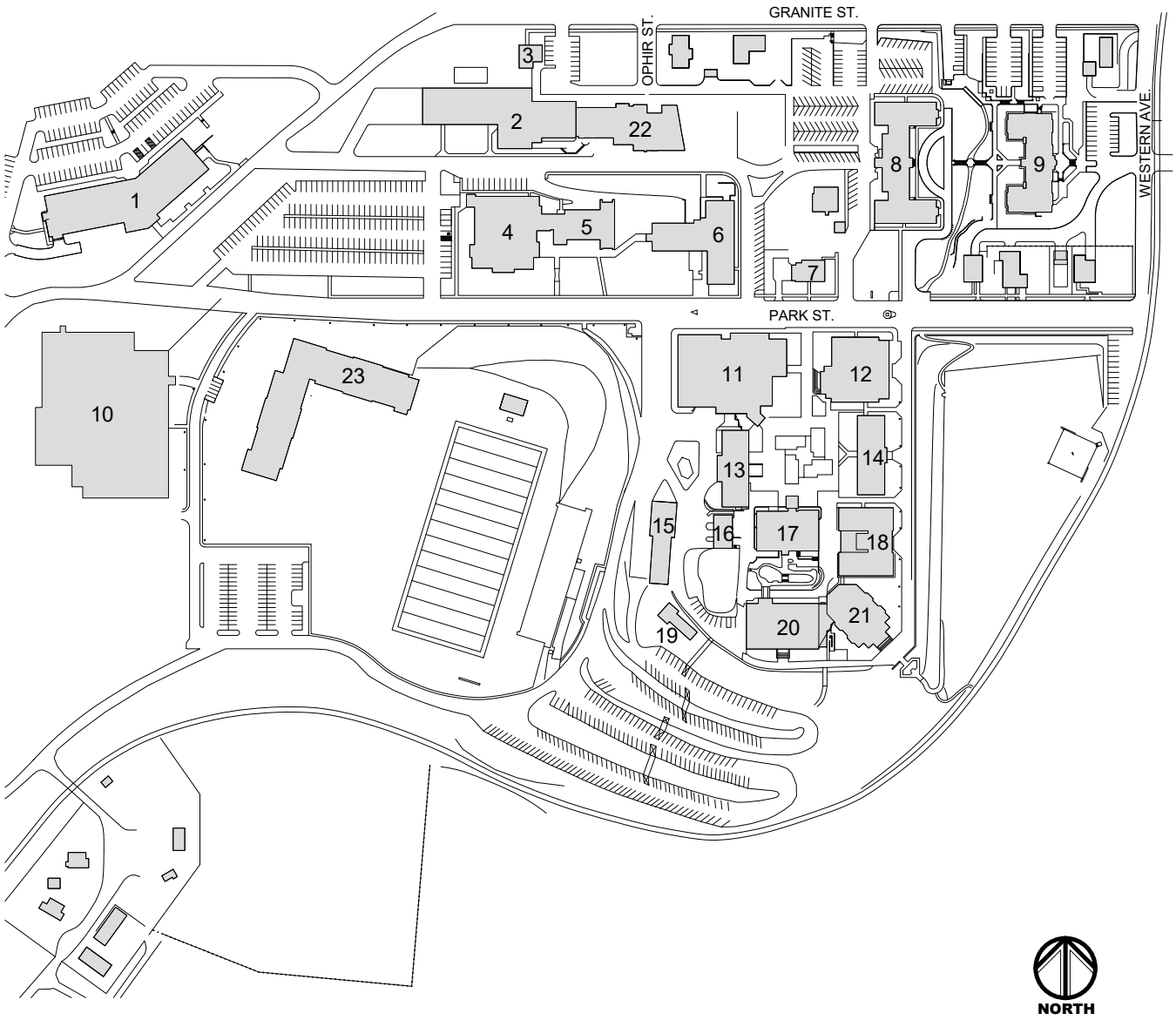
MONTANA STATE UNIVERSITY - NORTHERN
HAVRE, MONTANA



LEGEND

1 Adams Center
2 Grizzly Pool
3 Art Annex
4 McGill Hall
5 Heating Plant
6 Stadium
7 Facility Services
8 Prescott House
9 Aber Hall
10 University Center
11 Botany
12 University Hall
13 Library
14 Schreiber Gymnasium
15 Veterans Education
16 US Forest Service
17 Clapp Building
18 Forestry
19 Davidson Honors College
20 Stone Hall
21 Urey Lecture Hall
22 Chemistry Building
23 Chem Stores
24 Clinical Psychology Ctr
25 Leopold Institute
26 Mathematics
27 Skaggs Building
28 Native American Center
29 International Center
30 Bio Research
31 Health Sciences
32 Interdisciplinary Science Bldg
33 Emma B Lommasson Ctr
34 Craig Hall
35 Duniway Hall
36 Elrod Hall
37 Miller Hall
38 Pantzer Hall
39 O'Conner Center
40 Knowles Hall
41 Turner Hall
42 Jesse Hall
43 Brantly Hall
44 Corbin Hall
45 Liberal Arts
46 Rankin Hall
47 Anderson Hall
48 Fine Arts
49 Social Sciences
50 Gallagher Building
51 Music
52 Washington Education Center
53 International Residence
54 Curry Health Center
55 School of Law
56 PAR / TV
57 Gilkey Exec Ed Bldg.
58 Dining Hall

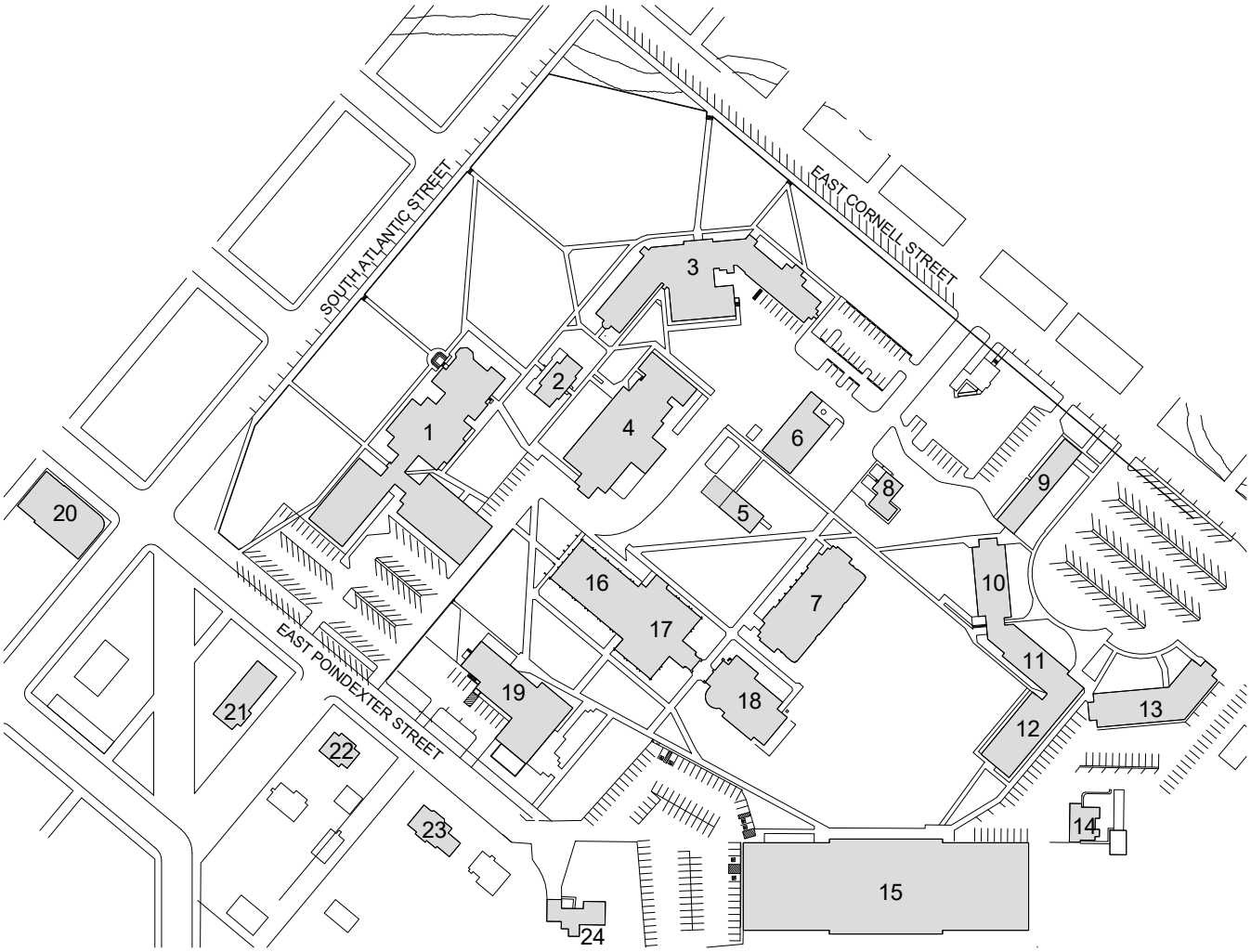
UNIVERSITY OF MONTANA
MISSOULA, MONTANA



LEGEND

1 Natural Resources Building
2 Engineering Lab / Classroom
3 University Relations Center
4 Library
5 Auditorium
6 Mining/Geology Building
7 Chancellor's Residence
8 Prospector Hall
9 Centennial Hall
10 HPER
11 Student Union Building
12 Science & Engineering
13 Health Sciences Building
14 Engineering Hall
15 Heating Plant
16 Physical Plant Building
17 Mill Building
18 Main Hall
19 Greenhouse
20 Chemistry / Biology Building
21 Museum Building
22 Natural Resources Research Center
23 Living Learning Center

MONTANA TECH OF THE UNIVERSITY OF MONTANA
BUTTE, MONTANA



LEGEND

1 Main Hall Complex
2 Rowe House
3 Mathews Residence Hall
4 Business & Technology Building
5 Facility Services
6 Heating Plant
7 Block Hall
8 Daycare
9 Family Housing
10 Jordan Residence Hall
11 Davis Residence Hall
12 Centennial Residence Hall
13 Clark Residence Hall
14 Residence
15 Bulldog Athletic & Rec Center
16 Short Center
17 Carson Library
18 Swysgood Technology Center
19 Student Union Building
20 Emerick Art Studio
21 South Campus Housing
22 Equine Studies
23 Dean of Students
24 Chancellor's Residence

UNIVERSITY OF MONTANA - WESTERN
DILLON, MONTANA