

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
1	2) Damage	A) Now	DOC	ASP	LUC Plumbing Repairs Design	\$ 200,000	The plumbing in this living unit is old and failing. When lines break it is an urgent repair issue and we have to relocate individuals from multiple cells in the cellhouse to get the needed access to make the repair, which causes major disruption to operations. From 7/1/2021 through 11/30/22, had 23 plaster repairs due to water damage and 30 leaks repaired inside pipe chases. This funds the design of the entire project; anticipated to be done in 3 phases.	Planned FY24	200,000
2	2) Damage	A) Now	DAS	Capitol Complex	Wallace Building Northwest Tuckpointing/Coating	\$ 568,000	Northwest side of building is in need of tuckpointing. Partial tuckpointing of upper level on north side of building was completed by facility. Experience leaks on 2nd floor beneath 3rd floor exterior wall. Facility has worked with vendors on partial tuckpointing, roof repairs, and window sealant but leaking still occurs during rain events. Previous success on another part of the building was found with a coating system.	Planned FY24	768,000
3	2) Damage	A) Now	DVA	Iowa Veterans Home	Sheeler clinical building ahu replacement	\$ 250,000	The air handler which serves the IVH clinic is past the end of its life cycle. Multiple repairs have been completed, but it is to the point of replacement. Design included as an alternate with Sheeler roof replacement project in 2022.	Planned FY24	1,018,000
4	2) Damage	A) Now	DCA	Abbie Gardner Sharp Cabin	Cabin Repairs (roof, logs, general carpentry)	\$ 212,000	The 2022 conditions assessment identified deterioration in the roof, log walls, and daubing. Scope and budget need to be verified.	Planned FY24	1,230,000
5	2) Damage	A) Now	DOC	ASP	LUC Plumbing Repairs Phase 1	\$ 1,800,000	The plumbing in this living unit is old and failing. When lines break it is an urgent repair issue and we have to relocate individuals from multiple cells in the cellhouse to get the needed access to make the repair, which causes major disruption to operations. From 7/1/2021 through 11/30/22, had 23 plaster repairs due to water damage and 30 leaks repaired inside pipe chases. Phase 1 would include repair of the worst area.	Planned FY24	3,030,000
6	2) Damage	A) Now	DOC	North Central CF	Powerhouse Window Replacement	\$ 205,000	The powerhouse has 13 windows and 1 door package with windows. 7 on the Southside and 6 on the Northside. All of the windows on the Southside including the door package are broken and cracked and one frame is rusted. On the Northside the windows are not broken, but four of the frames are rusted so badly that they are close to failure. There is possible water leakage between the stucco and the block.	Planned FY24	3,235,000
7	2) Damage	A) Now	DAS	Capitol Complex	Capitol South Stair Repair	\$ 726,000	Water infiltration thru the glazed exterior entry is leaking into the lower level causing potential damage to metal and finishes. Chunks of metal have fallen from the underside of the stairs onto the entry way/pedestrian path below. Construction can't begin before Spring 2024.	Planned FY24	3,961,000
8	2) Damage	B) <1 yr	DOC	Mt. Pleasant	Building 20 (MWU) Elevator Upgrade	\$ 600,000	Car is past life expectancy. Controller is in need of repair. Does not have phase one fire recall. The elevator requires frequent repair.	Planned FY24	4,561,000
9	2) Damage	C) > 1 yr	DOC	ASP	LUC Plumbing Repairs Phase 2	\$ 1,500,000	The plumbing in this living unit is old and failing. When lines break it is an urgent repair issue and we have to relocate individuals from multiple cells in the cellhouse to get the needed access to make the repair, which causes major disruption to operations. From 7/1/2021 through 11/30/22, had 23 plaster repairs due to water damage and 30 leaks repaired inside pipe chases.	Planned FY24	6,061,000
10	2) Damage	C) > 1 yr	DOC	North Central CF	IPI sally port vehicle gate	\$ 278,000	The IPI sally port vehicle gates V3 and V4 require staff to guide the gate to engage the electromechanical gate lock. These gates are controlled by a remote operator for security purposes. These gates lack proper safety equipment due to the requirement for the staff to be in the immediate area of the operating gate to guide, they would block the safety eyes which are required.	Planned FY24	6,339,000
11	2) Damage	C) > 1 yr	DOC	Mt. Pleasant	Storage Bunker Water Infiltration Mitigation	\$ 400,000	Currently no waterproofing on the underground storage bunker. There is water infiltration.	Planned FY24	6,739,000
12	2) Damage	C) > 1 yr	DOC	ISP	Perimeter Fence Deterrent System Replacement	\$ 250,000	Replacement parts for fence deterrent system are unavailable. We have a minimal supply of parts on hand for fence repairs. Need to verify budget.	Planned FY24	6,989,000
13	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 3	\$ 2,020,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 3 includes decentralization of the Admin building and Dispatch Garage, construction of the remaining gas main and pre-construction costs for Phase 4. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Planned FY24	9,009,000

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

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14	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 2	\$ 780,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 2 would replace the fire alarm systems at the Administration Building, Dispatch Garage, Chapel and any remaining cottages and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 3. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 3.	Planned FY24	9,789,000
15	2) Damage	C) > 1 yr	DAS	Capitol Complex	Parking Lot 1 Replacement	\$ 2,000,000	Lot 1 has 2" wide cracks at the joints, some settlement cracking, some low spots and broken and damaged concrete curb, about 10%.	Planned FY24	11,789,000
16	2) Damage	C) > 1 yr	DAS	Capitol Complex	Parking Lot 15 Replacement	\$ 950,000	Lot has multiple cracks and asphalt is wavy and buckling.	Planned FY24	12,739,000
17	2) Damage	C) > 1 yr	DAS	Capitol Complex	Parking Lot 2 Replacement	\$ 925,000	Lot 2 has 1" wide cracks at the joints, some spider cracking and some settlement cracking along curb and gutter (5000 lin ft). May be affected by city re-working of Dey Street.	Planned FY24	13,664,000
18	2) Damage	C) > 1 yr	DOC	Mt. Pleasant	Prison South Core and East and West Staircase Tuckpointing/Masonry Repair	\$ 730,000	Several areas have deteriorating mortar. West elevation shows signs of stone spalling and joint cracking. East elevation has bad jointing. Minor water intrusion at this time. Tuckpointing has failed above the stairwells resulting in leaking water and damage to the walls and ceiling.	Planned FY24	14,394,000
19	2) Damage	C) > 1 yr	DHS	Independence	Plant Operations Building Window Replacement	\$ 50,000	The windows are original 90 years old. They are single pane steel framed windows. The steel frames have rusted out and the glass is falling out. There is no repair. Water and snow leak in them damaging the masonry and interior plaster. Need to verify budget.	Planned FY24	14,444,000
20	2) Damage	C) > 1 yr	DOC	Newton CF	Dietary and Laundry Hot Water Tank Replacement	\$ 280,215	Dietary and laundry hot water storage tanks, installed in 1997, are required to meet DPH sanitation requirements. If we fail, we cannot provide dietary and laundry service to the facility. Water corrosion has caused failure to the steel tank interiors (pin hole leaks) and bladder ruptures in the expansion tank which provide a necessary pressure buffer (expand and contract) to prevent pipe joint leaks and overall system failure. Not actively leaking.	Planned FY24	14,724,215
21	2) Damage	C) > 1 yr	DOC	ASP	LUC Plumbing Repairs Phase 3	\$ 1,500,000	The plumbing in this living unit is old and failing. When lines break it is an urgent repair issue and we have to relocate individuals from multiple cells in the cellhouse to get the needed access to make the repair, which causes major disruption to operations. From 7/1/2021 through 11/30/22, had 23 plaster repairs due to water damage and 30 leaks repaired inside pipe chases.	Planned FY24	16,224,215
22	2) Damage	C) > 1 yr	DOC	IMCC	Fire Alarm System Replacement	\$ 1,800,000	Facility currently has Siemens fire and continental system installed. Systems are becoming obsolete and part are hard to come by. As of 11/2022, the facility had the following inventory: 3 new combo units, 3 new heat heads, 15 used smoke heads, 1 used head heat and 19 used combination units. They have been replacing approximately 10 heads/year.	Planned FY24	18,024,215
23	2) Damage	C) > 1 yr	DOC	Clarinda	Tunnel Repair/Replace Main Bldg to SW Wing	\$ 250,000	No pedestrian use inside the tunnel but heavy ped use on top as a walkway. Utility only inside. A recent site visit determined tunnel was not in need of immediate repair. 6/2018 site visit determined waterproofing was needed to stop leaking, but no further structural repair or replacement needed.	Planned FY24	18,274,215
24	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Corbett-Miller Hall Tuckpointing	\$ 95,000	There are locations near the ground elevation where the masonry joints are cracked. There may be a foundation issue particularly in the NE corner. This budget assumes there are no foundation issues and only tuckpointing that needs to be completed. Many of the exterior corners are damaged beyond repair, but there are no reports of leaking inside the building yet. All masonry control joints should be replaced and additional control joints added, the masonry corners should be replaced and some areas need to be tuckpointed.	Planned FY24	18,369,215
25	2) Damage	C) > 1 yr	DOC	ASP	Tuckpointing Priorities 7, 8 & 9	\$ 3,000,000	7. Secure the bulging stone on west wall of the old kitchen-dining hall and repoint all mortar joints 100% on the entire building. 8. Repoint defective mortar joints, thirty-two feet on the west wall, sixty feet on the east wall and all mortar joints above the windows on the south wall of the Clothing, R&D and Custom Wood Building. 9. Repoint all mortar joints on the east wall of the Living Unit A, Living Unit C and Living Unit E and replace some eroded stone. Repoint only the defective mortar joints on the west inside walls.	Planned FY24/Future	21,369,215
26	2) Damage	C) > 1 yr	DOC	ASP	Tuckpoint Priorities 10 & 11	\$ 1,600,000	10. Repoint defective mortar on the south wall of Living Unit B and D. 11. Repoint the defective mortar joints as needed on the Sign Shop, Commissary, Gymnasium, Maintenance Shop and Deputy's Office.	Future	22,969,215
27	2) Damage	C) > 1 yr	DOC	Newton CF	NCF - Living Unit C Roof Replacement	\$ 785,000	1997 roof continues to leak and efforts to repair create new leaks due to rotted membrane. Roofing material is beyond end of life.	Future	23,754,215
28	2) Damage	C) > 1 yr	DOC	Newton CF	NCF - Living Unit D Roof Replacement	\$ 785,000	1997 roof continues to leak and efforts to repair create new leaks due to rotted membrane. Roofing material is beyond end of life.	Future	24,539,215

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

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29	2) Damage	C) > 1 yr	DOC	Newton CF	NCF - Living Unit B Roof Replacement	\$ 785,000	1997 roof continues to leak and efforts to repair create new leaks due to rotted membrane. Roofing material is beyond end of life.	Future	25,324,215
30	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Unit A Roof Replacement	\$ 440,800	1996 roof – rubber membrane is dried out and pulling away from the leading edge of the roof, creating leaks into the space below - ongoing repairs as leaks develop. (10,106 sq.ft.) 2015 repairs should extend life. 2016 becoming a problem again. Leaked 3/2021 but were able to repair.	Future	25,765,015
31	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Boone Unit Roof Replacement	\$ 633,500	1996 roof – rubber membrane is dried out and pulling away from the leading edge of the roof, creating leaks into the space below - ongoing repairs as leaks develop. (17,042 sq. ft.) Leaked 11/2020 but were able to repair.	Future	26,398,515
32	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 4	\$ 2,860,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 4 includes decentralization of the chiller plant and pre-construction costs for Phase 5. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	29,258,515
33	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 3	\$ 100,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 3 would replace the fire alarm systems at the Chiller Plant and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 4. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 4.	Future	29,358,515
34	2) Damage	C) > 1 yr	DPS	Post 13	Upper Parking Lot Replacement	\$ 205,000	Needs replaced due to poor drainage causing asphalt deterioration. This includes redoing front stoop because it is currently allowing water infiltration into the facility.	Future	29,563,515
35	2) Damage	C) > 1 yr	DOC	IMCC	Main Building Soffit Repair	\$ 290,000	Precast exposed aggregate soffit is crumbling and pieces are dropping onto the ground below. Temporary repairs in 2021 should last two years.	Future	29,853,515
36	2) Damage	C) > 1 yr	Iowa PBS	6450 Corporate Dr	Repair Auditorium Exterior Fire Exit	\$ 75,000	The grading is too low at the fire exit on Maytag auditorium and water is backing up into the auditorium. Need to fix the retaining wall and change the grade of either the door or the ground.	Future	29,928,515
37	2) Damage	C) > 1 yr	DCA	Montauk	Main House Masonry Repairs	\$ 306,000	Masonry Repairs, Main House - basement interior wall repairs & exterior wall repointing. No active leaks as of 11/2022.	Future	30,234,515
38	2) Damage	C) > 1 yr	DCA	Clermont	Union Sunday School Masonry Repairs	\$ 248,000	Masonry Repairs - repoint exterior walls. No active leaks as of 11/2022.	Future	30,482,515
39	2) Damage	C) > 1 yr	DAS	Capitol Complex	Historical Building Lower Level Collection & Archive Storage Area Repairs	\$ 250,000	These sensitive areas will be augmented to bring the storage environments to within museum standards to minimize both humidity and temperature fluctuations in these areas. Concrete walls, ceilings, and floors will be sealed to mitigate 'dusting' that is currently damaging collections. This does not include the cost to relocate the collections.	Future	30,732,515
40	2) Damage	C) > 1 yr	DHS	Cherokee	Tuckpointing Phase 2.2	\$ 360,000	Finish north side of main building. Some mortar missing. Some bricks are loose, but none have fallen out.	Future	31,092,515
41	2) Damage	C) > 1 yr	DHS	Cherokee	Tuckpointing Phase 2.3	\$ 360,000	Finish south side of main building. Some mortar missing. Some bricks are loose, but none have fallen out.	Future	31,452,515
42	2) Damage	C) > 1 yr	DHS	Cherokee	Additional Tuckpointing Phases	\$ 500,000	Continuation of tuckpointing project. Cost and phasing to be refined.	Future	31,952,515
43	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Cottage 5 & 6 Tuckpointing	\$ 225,000	There are a few areas where the mortar has deteriorated and allows water to enter, particularly around windows in the stairwells. Efflorescence is present in the interior. The bottom joint between the masonry and foundation has been caulked shut. The water goes through a freeze thaw cycle which expands cracking.	Future	32,177,515
44	2) Damage	C) > 1 yr	DOC	Mt. Pleasant	Pelco Security Camera Replacement	\$ 1,500,000	Replacement of all cameras with digital system and install new wiring and switches. System is currently operating, but the system requires repairs almost daily with camera repairs and server failures. We struggle at times to achieve 30 days of recording time. In addition, replacement parts are unavailable and software is no longer supported. Cameras are used for facility emergency response to aid with employee and I/I safety. Need to verify budget.	Future	33,677,515
45	2) Damage	C) > 1 yr	DOC	IMCC	Main Building Tuckpointing	\$ 270,000	Approximately 20-25% of the building needs to be tuckpointed and precast is pulling away from the building in two locations. Also includes replacement of sealant around joints, flashing, louvers and windows.	Future	33,947,515

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

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46	2) Damage	C) > 1 yr	DHS	Independence	Reynolds Building Partial Roof Replacement	\$ 500,000	The 7 flat roof sections and the mansard roof gutter sections of the Reynolds building were replaced in 1998. In 2013 seams were repaired and sections of rubber added to ease the shrinking and the roof was coated. The coating is now peeling off and shrinking is occurring again. We have repaired a few seams. Currently the roof is not leaking. Need to verify budget.	Future	34,447,515
47	2) Damage	C) > 1 yr	DHS	Independence	Warehouse Roof Replacement	\$ 100,000	The roof is 20+ years old and is beginning to shrink pulling the flashings off. All deliveries for the facility come to the warehouse and supplies including dietary supplies are stored in the building. Currently the roof is not leaking. Need to verify budget.	Future	34,547,515
48	2) Damage	C) > 1 yr	DHS	Independence	Infirmary Building Roof Repair	\$ 100,000	The current roof was installed in 1996. The shingles are very brittle and blow off regularly in wind. We have patched several sections. Currently the roof is not leaking. The building houses our patient recreation department, the lab, pharmacy and patient admissions.	Future	34,647,515
49	2) Damage	C) > 1 yr	DOC	IMCC	North Building Tuckpointing	\$ 530,000	Approximately 20% of the building needs to be tuckpointed. Also includes replacement of sealant around joints, flashing, louvers and windows.	Future	35,177,515
50	2) Damage	C) > 1 yr	DOC	IMCC	Admin Building Tuckpointing	\$ 170,000	Approximately 25% of the building and part of the retaining wall needs to be tuckpointed, with some resetting of bricks and the stone cap.	Future	35,347,515
51	2) Damage	C) > 1 yr	DOC	IMCC	Tunnel Waterproofing	\$ 700,000	We continue to have tunnels leaking during rain and wet weather conditions.	Future	36,047,515
52	2) Damage	C) > 1 yr	DOC	Clarinda	Tuckpointing Main Building Phase 2	\$ 1,900,000	2019 Architect review classified these areas as routine repairs that could wait 3 - 5 years.	Future	37,947,515
53	2) Damage	C) > 1 yr	DOC	Newton CF	NCF - Door Jamb; Building H, Living Units A, B, C, D, E and K.	\$ 294,525	26 door frame jambs are beginning to rust near the ground which compromises the ability to shut, secure and lock. Constant maintenance. Installation 1997.	Future	38,242,040
54	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Power Plant Roof	\$ 459,800	1996 roof – rubber membrane is dried out and pulling away from the leading edge of the roof, creating leaks into the space below - ongoing repairs as leaks develop. (10,640 sq.ft.)	Future	38,701,840
55	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Warehouse Roof	\$ 398,700	1996 roof – rubber membrane is dried out and pulling away from the leading edge of the roof, creating leaks into the space below - ongoing repairs as leaks develop. (8,952 sq. ft.) Leaked in several spots 5/2021 but were able to repair.	Future	39,100,540
56	2) Damage	C) > 1 yr	DAS	Capitol Complex	Repair Historical Building Exterior Walls and Lighting	\$ 2,595,237	Repair the remaining exterior granite wall panels and repair exterior lighting. \$1.2 million was appropriated in FY12 for Project 5136.00 to complete initial critical repairs to the exterior granite wall panels and facility planning efforts.	Future	41,695,777
57	2) Damage	C) > 1 yr	DOC	ASP	Tower 7 Replacement	\$ 160,000	Tower 7 sits 70 feet in the air at the top of the Rotunda building. This tower offers a view at the inside yard and most importantly the roofs of the two large buildings at the front perimeter of the institution, LUA and LUC. The tower building is approximately 5 ft X 7 ft in size and constructed of standard 2 X 4 wood frame with the outside finished in a painted plywood siding. The space includes a toilet and sink and the building has windows on all 4 sides. Climate control is supplied by a baseboard electric heater and a small window air conditioner. The tower structure is starting to lose integrity due to age and degradation in the type of materials used in its construction. This is causing issues with the door no longer functioning properly or sealing the weather out and the windows not opening and closing properly.	Future	41,855,777
58	2) Damage	C) > 1 yr	DOC	Newton CF	Living Unit; A, B, C, D, and E Large Capacity Water Vessel Replacements	\$ 573,545	NCF water heater vessels are original to 1997 construction. Have had pin-holing/leaking which results in imminent life safety issues as they directly service I/I showers and other hot water use is required to run facility in excess of 950 l/i's. Not currently leaking.	Future	42,429,322
59	2) Damage	C) > 1 yr	DOC	Newton CF	CRC Generator and Associated Equipment Replacement	\$ 209,000	Existing generator is passed end of life; installed in 1992. Using extensive amount of oil, engine will need re-build at minimum or replacement, which is what we recommend. Generator feeds CRC facility which houses nearly 400 minimum live out Incarcerated Individuals 365 days per year and is required to meet life safety and building code requirements.	Future	42,638,322
60	2) Damage	C) > 1 yr	DOC	Mt. Pleasant	MLO/20 Bldg and Gym Chiller and Pump Replacement	\$ 450,000	180 ton chiller serves two buildings. Facility has trouble getting units to run each spring. If cooling not provided, humidity may cause deterioration. Chiller was purchased used, vintage 1986, and installed in 2009.	Future	43,088,322
61	2) Damage	C) > 1 yr	DAS	Capitol Complex	Historical Building Exterior Tile Replacement	\$ 150,000	The exterior floor tiles under the carport on the south central area are deteriorating.	Future	43,238,322
62	2) Damage	C) > 1 yr	DAS	Capitol Complex	Hoover Exterior Foundation Waterproofing	\$ 3,142,500	2018 report recommended solutions including grading improvements on the south side, Level B foundation repairs and waterproofing, south window drainage improvements, storm sewer analysis, south exterior wall waterproofing and west entrance analysis.	Future	46,380,822

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

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63	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 5	\$ 2,850,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 5 includes decentralization of Linden Court A&B and pre-construction costs for Phase 6. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	49,230,822
64	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 4	\$ 365,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 4 would replace the fire alarm systems at Linden Court A&B and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 5. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 5.	Future	49,595,822
65	2) Damage	C) > 1 yr	DVA	Veterans Home	West Parking Lot Replacement	\$ 900,000	The West parking area (66,000 sf) is in need of replacement. The substrate on the parking lot is deteriorating. Estimated cost to replace with concrete instead of asphalt is \$1,008,000.	Future	50,495,822
66	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #8 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,525,822
67	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #10 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,555,822
68	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #9 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,585,822
69	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #6 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,615,822
70	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #7 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,645,822
71	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #4 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,675,822
72	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #5 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,705,822
73	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #3 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,735,822
74	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #2 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,765,822
75	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Cottage #1 Roof Replacement	\$ 30,000	All 10 roofs on the cottages are in need of replacement. Each year shingles are blown off and we have been patching them. A couple of the roof decks are deteriorated and will have to be replaced as well.	Future	50,795,822
76	2) Damage	C) > 1 yr	DAS	Capitol Complex	Replace Parking Lots 18A	\$ 325,000	2" wide cracks at the joints, full of settlement cracks, some holes and raised surfaces and broken and damaged concrete side walk curbs. Parking repairs should include replacement of lighting. 1/2 of Lot A was replaced in FY19.	Future	51,120,822
77	2) Damage	C) > 1 yr	DOC	ICIW	Chapel Roof Replacement	\$ 95,000	Replacement of Chapel roof. Shingle roof is original to building construction in late 1990s, shingles are starting to curl. Not actively leaking.	Future	51,215,822
78	2) Damage	C) > 1 yr	DPS	Post 12	Parking Lot Replacement	\$ 265,000	South and North parking lot are deteriorating to the point of replacement/repairs needed. South lot has an area with significant cracking. This is a training facility and District Post utilized by many. Budget needs to be verified.	Future	51,480,822
79	2) Damage	C) > 1 yr	DAS	Iowa Labs	Vacuum Pump Replacement	\$ 90,000	Have recently completed repairs, but reaching the end of life (installed in 2003). Provides vacuum for multiple labs in DCI, SHL and IDALS buildings. Agency may want to add funds to add redundancy to the system.	Future	51,570,822

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

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80	2) Damage	C) > 1 yr	DAS	Iowa Labs	Air Compressor Replacement	\$ 115,000	Have recently completed repairs, but both air compressors are reaching the end of life (installed in 2003). Provides compressed air for labs and BAS system.	Future	51,685,822
81	2) Damage	C) > 1 yr	DOC	Clarinda	Metal Roof Replacement	\$ 4,500,000	Roof has leaked since it was installed. 2021 evaluation recommended roof replacement if the sealant repairs do not resolve the issue. Need to verify budget.	Future	56,185,822
82	2) Damage	C) > 1 yr	DPS	Post 11	Parking Lot Replacement	\$ 535,000	Large Cracks in the Parking lot have developed over time and are possible trip hazards near the sidewalk parking spaces. Where the larger cracks meet smaller spidering has begun and will eventually start to break and create pot holes upon seasonal changes.	Future	56,720,822
83	2) Damage	C) > 1 yr	DVA	Iowa Veterans	Cottage Parking Lot Replacement	\$ 375,000	The cottage parking lot has deteriorated to the point of replacement. The existing asphalt is in bad disrepair. Estimated cost to replace with concrete instead of asphalt is \$415,000.	Future	57,095,822
84	2) Damage	C) > 1 yr	DOC	ISP	Camera System Replacement	\$ 1,500,000	Replacement cameras are no longer available. We currently are able to send cameras in for repair, however there is no obligation from company to repair since cameras have reached end of life. Need to verify budget.	Future	58,595,822
85	2) Damage	C) > 1 yr	DCA	Centennial Building	Erosion Repair	\$ 25,000	As part of a 2019 project, a trench drain was installed to move water away from the newly installed walkway to the adjacent raised garden bed behind a retaining wall. Since 2019 erosion in the garden bed behind the retaining wall has worsened.	Future	58,620,822
86	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Unit DEM Pre-Cast Sealant Replacement	\$ 200,000	The pre cast joints on Unit DEM have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	58,820,822
87	2) Damage	C) > 1 yr	DOC	ASP	Tuckpointing Priorities 4, 5 & 6	\$ 2,350,000	4. Repoint the defective mortar joints on the Administration Building. 5. Repoint all mortar joints on the top half of stonewalls, tuckpoint only the defective mortar joint on the bottom half of the stonewalls. 6. Repoint all mortar joints 100% on the west wall on the school/store room/living unit E. Missing mortar, some stone cracking. Project 9270.00 addressed the worst areas in 2022/2023.	Future	61,170,822
88	2) Damage	C) > 1 yr	DAS	Capitol Complex	Historical Building Granite Joint Sealant Replacement and 3rd West Office Leak Repairs	\$ 790,000	Multiple leaks continue to occur in building and it is difficult to identify sources of water through leak testing. Sealant between granite panels is failing and/or non-existent in some locations. Office on 3W leaks and back of granite panels are visible above ceiling. Could be done in conjunction with the granite replacement.	Future	61,960,822
89	2) Damage	C) > 1 yr	DPS	District 10	Front District Entrance	\$ 75,000	Front District Entrance is rapidly deteriorating exponentially. This corrosion and weakening is in the form of moisture and rust. This leads to frost and freezing issues during the winter months that reduces efficiency. Due to the condition of this entrance door no upgrades can be added such as speaker/camera systems or a controlled processed to control access to visitors such as buzzing in visitors who have been screened. No local contractors have showed interest in this level of project. The door continues to not seal properly and is locked for security but then required to be unlocked for visitors which is problematic due to inconsistent seal. Project 9264.00 will add a cabinet unit heater in 2023 that may address some of these issues.	Future	62,035,822
90	2) Damage	C) > 1 yr	DCA	Matthew Edel Blacksmith Shop	Edel House Structural Repairs	\$ 186,000	The main floor of the house is sagging due to rot. Condition could be compounded by possible water infiltration through chimney. House is not open to the public. Exact scope and cost unknown. Need to verify budget.	Future	62,221,822
91	2) Damage	C) > 1 yr	DCA	Montauk	Front Porch Column Repair/Replacement.	\$ 156,000	Previous DAS projects have made repairs to the columns using epoxy, but that continues to fail and the columns have rotted out. Columns support the porch roof, under which most visitors enter the building. Need to verify budget.	Future	62,377,822
92	2) Damage	C) > 1 yr	DCA	Union Sunday School	Roof Replacement	\$ 208,000	The 2020 roof assessment recommends: full replacement of all existing wood shingles with new wood shingles, gutter replacement and chimney repair. No active leaks.	Future	62,585,822
93	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Sheeler Garage Tuckpointing	\$ 50,000	There is significant damage to the tuckpointing around the Sheeler garage. Some brick face spalling and cracking but no active moisture infiltration.	Future	62,635,822
94	2) Damage	C) > 1 yr	DOC	IMCC	Old Boiler Room Condensate Tank Replacement	\$ 180,000	The condensate tank located in the old boiler room is original to the 1966 construction and is still used in the current boiler system. The tank has been repaired multiple times and is showing signs of additional deterioration.	Future	62,815,822

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
95	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Grove Unit Roof Replacement	\$ 633,000	1996 roof – rubber membrane is dried out and pulling away from the leading edge of the roof, creating leaks into the space below - ongoing repairs as leaks develop. (17,042 sq.ft.) Leaked 2/2019 and 11/2020 but able to repair.	Future	63,448,822
96	2) Damage	C) > 1 yr	DOC	IMCC	East/West Living Unit Roof Replacement and Soffit Repair	\$ 1,250,000	Upper built-up portions of the roof are the original to 1970 and have had a few leaks. Staff continue to repair as needed, but there are no active leaks. Roof contains asbestos. The lower ballasted roof was replaced in 1998. The precast exposed aggregate soffit is crumbling. Temporary repairs made in 2021 should last two years. Soffit work needs to be done when the roof is replaced or the metal drip edge will need to be redone.	Future	64,698,822
97	2) Damage	C) > 1 yr	DOC	North Central CF	Perimeter light pole replacement	\$ 409,000	The existing perimeter lighting system consists of 60 wood 25' poles. The poles may have significantly deteriorated below grade lacking adequate support for the pole, based on the condition of one pole that was replaced in 2022. These are near our perimeter fence and could cause a likely breach if one fell into the fence. Having only a single perimeter fence this would lead to a direct means of escape of our incarcerated population.	Future	65,107,822
98	2) Damage	C) > 1 yr	Iowa PBS	6450 Corporate Dr	Fire Alarm System Replacement	\$ 200,000	Siemens fire alarm system is reaching the end of its life and OEM replacement parts are no longer easily available. Individual components used to create the cards and circuit boards for the systems are no longer available and spare parts are becoming rare. Entire system must be replaced as the existing panel cannot communicate with new devices and a new panel could not communicate with the existing devices. In 2022, a circuit board failed and was able to be replaced. As of 11/2022, facility had 4 spare smoke detectors.	Future	65,307,822
99	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 6	\$ 2,960,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 6 includes decentralization of Linden Court C&D and pre-construction costs for Phase 7. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	68,267,822
100	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 5	\$ 385,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 5 would replace the fire alarm systems at Linden Court C&D and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 6. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 6.	Future	68,652,822
101	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 7	\$ 2,715,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 7 includes decentralization of Food Service and Elmcrest and pre-construction costs for Phase 8. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	71,367,822
102	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 6	\$ 450,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 6 would replace the fire alarm systems at Food Service and Elmcrest and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 7. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 7.	Future	71,817,822
103	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 8	\$ 2,640,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 8 includes decentralization of the Medical Center and pre-construction costs for Phase 9. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	74,457,822
104	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 7	\$ 755,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 7 would replace the fire alarm systems at the Medical Center and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 8. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 8.	Future	75,212,822

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
105	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 9	\$ 3,405,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 9 includes decentralization of Birches and the Powerhouse and pre-construction costs for Phase 10. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	78,617,822
106	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 8	\$ 975,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 8 would replace the fire alarm systems at Birches and the Powerhouse and make all code-required upgrades (adding low-frequency notification and voice evacuation where required). This also includes design for Phase 9. Estimate is based on a stand alone project, costs may be less if it is run in conjunction with Decentralization Phase 9.	Future	79,592,822
107	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 10	\$ 3,290,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 10 is 1/4 of the tunnel abandonment and fiber relocation. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	82,882,822
108	2) Damage	C) > 1 yr	DHS	WRC	Fire Alarm System Replacement Phase 9	\$ 2,270,000	Fire panels and system components are 20 years old and Siemens can no longer supply replacement parts. Phase 8 would replace the fire alarm systems at all remaining buildings not included in decentralization and make all code-required upgrades (adding low-frequency notification and voice evacuation where required).	Future	85,152,822
109	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 11	\$ 3,290,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 11 is 1/4 of the tunnel abandonment and fiber relocation. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	88,442,822
110	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 12	\$ 3,290,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 12 is 1/4 of the tunnel abandonment and fiber relocation. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	91,732,822
111	2) Damage	C) > 1 yr	DHS	WRC	Campus Utility Decentralization Phase 13	\$ 3,290,000	Based on Shive-Hattery 2018 study which found that the tunnels and central utilities at Woodward are deteriorating and decentralization is the most cost-effective option. Phase 13 includes final tunnel decommissioning and fiber relocation. This was on the list as a 5 phase project that was estimated to cost at least \$34,000,000.00 but was split out to 13 phases due to funding constraints. Phases may be combined if more funding becomes available.	Future	95,022,822
112	2) Damage	C) > 1 yr	DHS	Glenwood	Replace Administration Building Roof	\$ 300,000	Leak has been repaired, but the material is breaking down and is not bonded in place. Drainage issues. Ballasted roof, no current leaks.	Future	95,322,822
113	2) Damage	C) > 1 yr	DHS	Glenwood	Tuckpointing in Building 110	\$ 150,000	Approximately 40-50% of the mortar is deteriorating.	Future	95,472,822
114	3) ADA	A) Now	DCA	Centennial Building	Elevator Replacement	\$ 300,000	This elevator has had several engineering studies and was prioritized under ADA funding. The elevator was recently cited by Workforce Development as being non-compliant and it skips one stop.	Future	95,772,822
115	3) ADA	A) Now	DHS	CCUSO	ADA Compliant Restrooms for S1 and S2 Wards	\$ 350,000	Needed for elderly patients and med clinic. Currently non-ambulatory patients are taken through the food service area to use an ADA compliant restroom on another ward.	Future	96,122,822
116	3) ADA	A) Now	DHS	Cherokee	Redesign Handicap Entrances	\$ 100,000	Lifts currently in place (main building and Ginzberg) fail regularly. At least three times in the last year, we've had handicapped people stuck on the lifts. Would prefer a non-mechanical solution. There is an alternate ADA entrance, but it doesn't meet current code (not enough landings).	Future	96,222,822
117	3) ADA	A) Now	DHS	Training School - Eldora	Replace Elevator in Admin Building	\$ 250,000	End of life. Beginning to have entrapments. Having increasing entrapments that require frequent maintenance calls. Maintenance not on duty 24/7 and visitors are required to go to lower level of administration to check in.	Future	96,472,822
118	3) ADA	A) Now	DAS	Capitol Complex	ADA Signage and Parking Compliance Review	\$ 25,000	Some agencies have expressed concerns that the ADA signage and parking may not meet the ADA standards and therefore may create a problem for program compliance.	Future	96,497,822



Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
119	3) ADA	A) Now	DVA	Iowa Veterans Home	Terrazzo Repairs	\$ 240,471	There are multiple areas throughout the Dack and Malloy buildings which have cracks and holes which cause a fall risk to IVH Residents. A report is available.	Future	96,738,293
120	3) ADA	A) Now	DVA	Iowa Veterans Home	Sidewalk and Paving Repairs	\$ 175,117	IVH has multiple sidewalk repairs that have to be conducted. There are residents which have a hard time lifting their feet and have sight conditions that prevent them from seeing cracks and height difference on the sidewalks.	Future	96,913,410
121	3) ADA	A) Now	DOC	ISP	Pave Housing Unit Secondary Exit Routes	\$ 200,000	Emergency exit routes from the housing units lead out into the grass. This would bring them up to ADA standards.	Future	97,113,410
122	3) ADA	A) Now	DAS	Capitol Complex	Correct ADA Issues in Buildings	\$ 500,000	Begin addressing ADA concerns across the Capitol Complex.	Future	97,613,410
123	3) ADA	A) Now	DCA	Toolesboro Mounds	Visitor Center ADA Entrance Stoop	\$ 47,000	The existing entryway is not ADA compliant and should be modified to allow wheelchair and limited mobility access to the building.	Future	97,660,410
124	3) ADA	A) Now	DAS	Capitol Complex	Oran Pape Peace Officer Memorial Sidewalk ADA Access	\$ 25,000	The sidewalk leading from Oran Pape parking lot to the Peace Officer Memorial needs a curb cut where the two meet to integrate ADA access at this location.	Future	97,685,410
125	3) ADA	A) Now	DAS	Capitol Complex	Capitol West Steps Small Pavers Replacement	\$ 185,000	Small 6x6 pavers at bottom of West Capitol steps are uneven and create tripping hazard. This is the ADA path for the public access to the building. Previous reset of pavers lasted only one-two seasons. Proposal is to replace pavers with stamped colored concrete.	Future	97,870,410
126	3) ADA	A) Now	DCA	Montauk State Historic Site	Restroom ADA Upgrades	\$ 141,000	The public restrooms at Montauk are housed in an external, non-historic building. They are not ADA-accessible and should be renovated to comply with accessibility regulations. Need to verify budget.	Future	98,011,410
127	3) ADA	B) <1 yr	DOC	North Central CF	Install an ADA Lift for Education Bldg.	\$ 6,000	The entry way in the education building is two steps and there is not enough room in this area to construct a ramp. A lift is needed to provide ADA access to this building.	Future	98,017,410
128	3) ADA	C) > 1 yr	DOC	North Central CF	Replace Non-Standard Walks ADA	\$ 75,000	Bring inside perimeter sidewalks up to ADA standards. Inside perimeter sidewalks have areas that are cracked and heaving. Also areas have been patched due to deterioration.	Future	98,092,410
129	4) Scheduled	A) Now	DHS	State Training School - Eldora	Repair Drain Box on South Side	\$ 45,000	Too small for large amounts of water and overflows. Causes localized erosion. Needs to be monitored after completion of the current decentralization project.	Future	98,137,410
130	4) Scheduled	A) Now	DOC	Mt. Pleasant	Spill Containment for Diesel Tank	\$ 200,000	Proper spill containment needed for diesel tank. Replace existing 4 Single walled tanks with two 25K gallon double walled tanks and add necessary spill containment. Currently have a soil and grass berm. Fire Marshal warning.	Future	98,337,410
131	4) Scheduled	A) Now	DOC	Ft Dodge CF	Replace Delaminated Glass in Master Control Center	\$ 20,000	High security glass in the control center is delaminating. This glass and the bars on the windows is all that separates control center staff from the main yard. Manufacturer feels that the integrity isn't compromised yet, but may be in a few years.	Future	98,357,410
132	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Replace Guardhouse Windows	\$ 40,000	Replace deteriorating windows.	Future	98,397,410
133	4) Scheduled	A) Now	DHS	Glenwood	Clean, Sanitize, and Epoxy Inside of Water Tower and Paint the Exterior	\$ 250,000	We need to repaint the inside of the GRC campus water tower to ensure safe drinking water for clients and staff. This is an AWWA code related project.	Future	98,647,410
134	4) Scheduled	A) Now	DOC	Mt. Pleasant	Parking Lots NE and SE	\$ 95,000	The lots are in very bad shape and the area is so large.	Future	98,742,410
135	4) Scheduled	A) Now	DOC	Mt. Pleasant	Replace Tunnel Tops	\$ 150,000	Tunnel tops are deteriorating. All utilities are located in the tunnels. Tunnel top failure could result in disruption of utilities. This would be an ongoing project as not all tunnels would need to be replaced at the same time. Recent site visit did not find any exposed rebar or significant areas of deterioration.	Future	98,892,410
136	4) Scheduled	A) Now	DOC	Mt. Pleasant	Perimeter Fence	\$ 1,000,000	The fence is becoming wavy and we need concrete under the fencing. This is a high need for security.	Future	99,892,410
137	4) Scheduled	A) Now	Terrace Hill	Terrace Hill	Elevator Repair	\$ 35,000	New controller needed.	Future	99,927,410
138	4) Scheduled	A) Now	DOC	ISP (Old Site)	Tuckpoint of CH17	\$ 100,000	We need to complete the tuckpointing of CH17. This is needed as the outer stone is starting to get major gaps in it. Water is then able to get into the gaps and freeze/expand, crushing the limestone. These caps also allow animals/birds/rodents to build nests in some of the larger areas. With the limestone crumbling, stone could fall out. As this building is on the National Registry, we have to keep it structurally sound.	Future	100,027,410

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
139	4) Scheduled	A) Now	DOC	Ft Dodge CF	Replace Rusted out Door Frame in Buildings DE&M	\$ 300,000	Existing steel frame doors were installed using an incompatible grout material that is corrosive to the steel door frames. Rusted frames are being replaced as required. Eventually all the frames will be in a critical state that will require the replacement of 275 door frames for security reasons.	Future	100,327,410
140	4) Scheduled	A) Now	DOC	Mt. Pleasant	Repair Parking Lot	\$ 65,000	The lot is in very poor repair. Recent site visit determined now only used for overflow parking.	Future	100,392,410
141	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Cast Iron Pipe Replacement	\$ 540,000	Replace horizontal drain lines in basements of Malloy, Dack and Sheeler. Areas are brittle, with frequent breakages.	Future	100,932,410
142	4) Scheduled	A) Now	DOC	Ft Dodge CF	Replace Taut Wire Sensor Reporting Units	\$ 262,500	Sensor reporting units are aged and beginning to give false alarms several times per week in winter and fail at an unacceptable rate.	Future	101,194,910
143	4) Scheduled	A) Now	DHS	CCUSO	Renovate South 1, S2 & S3 Areas in Main Building. (HVAC Updates)	\$ 518,000	S2 has window air conditioners. Recent site visit found S1 & S3 have units with R22 refrigerant, so they can't be repaired and the current ductwork can't support the pressures needed for R410a refrigerant. Part of a larger capital request.	Future	101,712,910
144	4) Scheduled	A) Now	DAS	Capitol Complex	Wallace Building Window Replacement	\$ 500,000	Replace 28 broken windows. Facility investigating alternatives.	Future	102,212,910
145	4) Scheduled	A) Now	DHS	Independence	Stewart Hall Roof Replacement	\$ 100,000	Roof installed in 2001. Rubber is starting to deteriorate and shrink, but no leaks yet. This building is used for staff housing and also serves as a dormitory for our student nursing program.	Future	102,312,910
146	4) Scheduled	A) Now	DOC	Mt. Pleasant	4" Water Main and PIV Replacement at Maintenance Out Buildings	\$ 550,000	This old main is so thin it leaks frequently. This could easily become critical. The valves are not holding which has already had some incidents. This could leave the facility without water.	Future	102,862,910
147	4) Scheduled	A) Now	DOC	IMCC	Admin Bldg East Roof Replacement	\$ 76,202	Replace existing roofing on the admin building. East side is part membrane, part shingles. Shingles are showing deterioration but there are no current leaks. West side re-done 2009 and is okay.	Future	102,939,112
148	4) Scheduled	A) Now	DOC	ASP	Replace Cell Locking System for Living Unit B	\$ 1,000,000	Need an engineering study to design replacement locking system. There are 2 units on each of 5 floors in living unit. Repair parts are no longer available.	Future	103,939,112
149	4) Scheduled	A) Now	DAS	Capitol Complex	Historical Building HVAC and Controls System Updates	\$ 18,311,630	The current building HVAC system was never designed to provide museum-quality environmental control. Combined with a deficient building envelope, the HVAC system has been working overtime over the last 30 years trying to—but never succeeding to—modulate the building's environment and keep it within museum-required standards for temperature and humidity. Much of the current equipment has not only exceeded its anticipated life, it is obsolete in terms of modern HVAC systems. The proposed new system will bring the building up to current museum standards and practice. Scope will need reviewed if funded by MM to identify any scope not covered by MM. There are (3) projects on the MM list that would be in lieu of this total replacement (DDCs, Chillers/heat pump, boiler).	Future	122,250,742
150	4) Scheduled	A) Now	DOC	ISP (Old Site)	Tunnel Project	\$ 250,000	The tunnels located on the west side of cellhouse row is in dire need of repair. Repairs have been made to the topside, however, the underside is crumbling. The water, electrical, sewer & steam lines all run through these tunnels and if they collapse, it will cause damage to all of these items. Shoring and/or bracing these areas would not be adequate to prevent a collapse. Traffic over the tunnel is now limited. Funding pending decision on old facility.	Future	122,500,742
151	4) Scheduled	A) Now	DOC	IMCC	Electrical Upgrade Study	\$ 100,000	Electrical upgrade for the old part of the facility. Because of ever changing needs in Corrections, existing cells and other areas do not have enough power capabilities which are becoming necessary. Wiring is becoming aged as well. Our electrician is telling us we simply do not have any more available power to simply add an outlet.	Future	122,600,742
152	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Whitehill Auditorium Interior Face of Windows	\$ 125,000	Replace interior face of windows on historic building. Glazing is deteriorating.	Future	122,725,742
153	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Whitehill Auditorium Steps	\$ 75,000	Replace 3 sets of deteriorating steps. 2 steps are for emergency egress and one is the primary entrance to the building.	Future	122,800,742
154	4) Scheduled	A) Now	DAS	Capitol Complex	Grimes Exterior Window and Door Replacement	\$ 2,700,000	Replace original exterior windows, gaskets and doors. Windows are developing air leaks and there is a potential for water infiltration. Replacement will protect building interiors, increase energy efficiency and improve occupant comfort.	Future	125,500,742
155	4) Scheduled	A) Now	DAS	Capitol Complex	Wallace Building Tuckpointing and Waterproofing	\$ 1,180,000	Repair bad masonry joints and prevent water infiltration. Some minor repairs made in FY20 to the North façade upper levels.	Future	126,680,742

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
156	4) Scheduled	A) Now	DCA	Centennial Building	Heating System Modifications	\$ 503,375	U of I steam pipe that provides heat to the building is failing. The pipe has been re-sleeved several times and the only option is to replace the piping or install a decentralized option. Budget is to install electric boilers, but the final scope and cost will need to be determined in design.	Future	127,184,117
157	4) Scheduled	A) Now	DAS	Capitol Complex	Iowa Workforce Development Exterior Window Replacement	\$ 758,655	Replace original single pane windows installed in 1970 of various sizes. Windows are leaking in various locations. Current estimate includes an allowance of \$125,000 to address potential asbestos abatement. Replacement will protect building interiors, increase energy efficiency and improve occupant comfort. Worst windows on 3rd floor East were replaced independently in FY18.	Future	127,942,772
158	4) Scheduled	A) Now	DAS	Capitol Complex	Hoover Exterior Window Replacement	\$ 3,000,000	Replace all exterior windows and gaskets. Windows are developing air leaks and there is a potential for water infiltration. Replacement will protect building interiors, increase energy efficiency and improve occupant comfort. Ranked lower after worst windows and doors were replaced independently in FY18.	Future	130,942,772
159	4) Scheduled	A) Now	DAS	Capitol Complex	Jessie Parker HVAC Renovations	\$ 10,300,000	Install a new AHU hooked to the Capitol Complex chilled water loop, VAV boxes, duct work, dampers, direct digital controls and associated work required to renovate the HVAC System. Actual scope and costs to be determined by the engineering study and design. Replaced VAV box dampers and South building ductwork in 2019. Replaced rooftop units in FY2022.	Future	141,242,772
160	4) Scheduled	A) Now	DAS	Capitol Complex	IWD 1000 E. Grand HVAC Renovations	\$ 9,211,844	Replace AHU, coils, fans, VAV, duct work, and direct digital controls. All existing equipment is past its life expectancy. The equipment in this building is the original dual duct AHU, with chilled water and hot water coils, dampers and louvers that were installed when the building was built. The asbestos needs to be abated just to work on or replace this equipment. Some of the DDC controls and VAV boxes have been replaced; re-evaluate budget for potential relocation, dependent on phasing of project. Actual scope and costs to be determined by the engineering study and design.	Future	150,454,616
161	4) Scheduled	A) Now	DAS	Capitol Complex	Grimes Building HVAC Updates	\$ 9,000,000	Complete renovation of the HVAC systems in the Grimes with direct digital controls to be connected to the building automation system. Equipment is original to the building (1969) and is well beyond the 25 year expected life. Replacement will increase energy efficiency and improve occupant comfort. Actual scope and costs to be determined by the engineering study and design. Lack of zones makes this building difficult to control; current system on floors is integrated into light fixtures that are in need of replacement.	Future	159,454,616
162	4) Scheduled	A) Now	DHS	WRC	Larches Chillers Replacement	\$ 250,000	2 ea - 80 ton & 65 ton. These chillers are planned to be kept in service even after decentralization.	Future	159,704,616
163	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Central Energy Plant Deaerator Tank	\$ 501,471	Partial repairs to system made in FY 21 including piping repairs and sensor replacement.	Future	160,206,087
164	4) Scheduled	A) Now	DOC	IMCC	Air Handler Replacement	\$ 3,196,817	Our facility has been in operation since approximately 1970. The old part of our facility has 15 existing air handling units which need replacement before failure occurs. These units are placed in locations that make it very difficult to make repairs. They provide heating and cooling to cell houses, offices, dietary and other activity areas at our facility. If removal and replacement is projected, it will be necessary to remove some of the units through the roofs of our facility as there is no way of accessing the areas except with foot traffic and walk through doorways. Roofing projects are already on the major maintenance list and it may be an opportune time to start replacing some of these units with a roof project. These units would also need to be tied into our building automation system. This estimate does not include engineering fees. It is based off \$150,000/air handler.	Future	163,402,904
165	4) Scheduled	A) Now	DHS	CCUSO	South 6 Patient Ward Flooring	\$ 100,000	Chipped and worn flooring. Cracking along the edges.	Future	163,502,904
166	4) Scheduled	A) Now	DHS	CCUSO	South 2 and South 3 Ward Flooring	\$ 200,000	Flooring is chipped and wearing in places. Trip hazards are present. The med clinic where ill and injured patients are seen is located on South 2 and South 3 is utilized as a food service area.	Future	163,702,904
167	4) Scheduled	A) Now	DOC	Ft Dodge CF	Perimeter Fence mow skirt replacement	\$ 500,000	The concrete below the fence is cracked in multiple spots causing heaving, etc., which is causing the fence to move. Some fence fasteners are being pulled/broken as the concrete moves and breaks.	Future	164,202,904

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
168	4) Scheduled	A) Now	DOC	Ft Dodge CF	Parking Lot Resurfacing	\$ 300,000	Resurface and repair existing parking lot. Annual crack filling and patching have occurred over the last several years and have extended the lot's life, however recent contractors have advised that resurfacing should be done to prevent having to completely replace. Approximately 100,000 sf. Need to confirm budget.	Future	164,502,904
169	4) Scheduled	A) Now	DOC	IMCC	Interlock doors to enter facility (6 doors)	\$ 300,000	Facility entrance access is gained through interlock security doors. These doors are automatically operated numerous times each day. Repeated maintenance is being performed on these because of usage and age. M102, M103, M105, M110, L12 and L13 need to be updated as parts continually wear out and increased maintenance is being performed. Budget needs to be confirmed.	Future	164,802,904
170	4) Scheduled	A) Now	DOC	ICIW	Unit 6B Chiller Replacement	\$ 150,000	60 ton chiller was installed in 1999. Unit constantly needs to be maintained and reset every couple of days. Trips out due to age of components. Replacement parts difficult to find to keep the system running. Unit 6B was typically unoccupied except for swing space (was used for COVID). Unit is now occupied.	Future	164,952,904
171	4) Scheduled	A) Now	DAS	Capitol Complex	Hoover Building Freight Elevator Replacement	\$ 550,000	All elevator equipment is original equipment. Facility funded replacement of passenger elevators. The Hoover Freight elevator had 11 service calls, 1 repair and 1 entrapment per Kone FY2019 report.	Future	165,502,904
172	4) Scheduled	A) Now	DHS	Glenwood	Lacey Tunnel Utility Replacement	\$ 600,000	Steam, condensation lines and chiller lines are failing - bad conditions	Future	166,102,904
173	4) Scheduled	A) Now	DOC	Ft Dodge CF	Unit B Domestic Water Heater Replacement	\$ 150,000	Units have a steel domestic water tank with integrated heat exchanger (shell and tube heat exchanger), these tanks have been cleaned and re lined once, the heat bundle bells are corroding away and difficult to seal after cleaning. The threaded pipe nipples welded to the tank are getting to the point of inevitable failure. These tanks are 20 years old and preventive maintenance is no longer going to keep these tanks operational. Without these tanks in operation the living units have no hot water, a major leak would cause serious disruption to our operations. recommend replacing with a plate heat exchanger and smaller poly tank prior to failure.	Future	166,252,904
174	4) Scheduled	A) Now	DOC	Ft Dodge CF	Unit D Domestic Water Heater Replacement	\$ 150,000	Units have a steel domestic water tank with integrated heat exchanger (shell and tube heat exchanger), these tanks have been cleaned and re lined once, the heat bundle bells are corroding away and difficult to seal after cleaning. The threaded pipe nipples welded to the tank are getting to the point of inevitable failure. These tanks are 20 years old and preventive maintenance is no longer going to keep these tanks operational. Without these tanks in operation the living units have no hot water, a major leak would cause serious disruption to our operations. recommend replacing with a plate heat exchanger and smaller poly tank prior to failure. Need to verify budget.	Future	166,402,904
175	4) Scheduled	A) Now	DOC	Ft Dodge CF	Unit E Domestic Water Heater Replacement	\$ 150,000	Units have a steel domestic water tank with integrated heat exchanger (shell and tube heat exchanger), these tanks have been cleaned and re lined once, the heat bundle bells are corroding away and difficult to seal after cleaning. The threaded pipe nipples welded to the tank are getting to the point of inevitable failure. These tanks are 20 years old and preventive maintenance is no longer going to keep these tanks operational. Without these tanks in operation the living units have no hot water, a major leak would cause serious disruption to our operations. recommend replacing with a plate heat exchanger and smaller poly tank prior to failure. Need to verify budget.	Future	166,552,904
176	4) Scheduled	A) Now	DOC	Ft Dodge CF	Unit G Domestic Water Heater Replacement	\$ 150,000	Units have a steel domestic water tank with integrated heat exchanger (shell and tube heat exchanger), these tanks have been cleaned and re lined once, the heat bundle bells are corroding away and difficult to seal after cleaning. The threaded pipe nipples welded to the tank are getting to the point of inevitable failure. These tanks are 20 years old and preventive maintenance is no longer going to keep these tanks operational. Without these tanks in operation the living units have no hot water, a major leak would cause serious disruption to our operations. recommend replacing with a plate heat exchanger and smaller poly tank prior to failure. Need to verify budget.	Future	166,702,904
177	4) Scheduled	A) Now	DOC	Ft Dodge CF	Unit H Domestic Water Heater Tank Replacement	\$ 50,000	H unit domestic water tank is fed by a plate heat exchanger, however the tank is 20 years old and the fittings are showing the inevitable failure potential due to corrosion, recommend replacing with a smaller poly tank prior to failure. Need to verify budget.	Future	166,752,904
178	4) Scheduled	A) Now	DHS	WRC	Birches Window Replacement	\$ 500,000	Original windows have many broken panes. Interior storm windows have been added, but the original panes continue to break. Need to verify budget.	Future	167,252,904

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
179	4) Scheduled	A) Now	DOC	IMCC	Security Camera Replacement	\$ 300,000	Phase I was completed in fall of 2015 which involved installing head end equipment by Avigilon manufacturer. Cameras continue to fail throughout the facility and are becoming obsolete with the models we currently have. Trying to continue to complete upgrade from analog to digital equipment. Safety issue for Staff and Incarcerated individuals alike.	Future	167,552,904
180	4) Scheduled	A) Now	DOC	IMCC	Deaerator Tank Replacement	\$ 200,000	Our facility has no redundancy in the event our Deaerator fails. The tank was installed in 2005 and is inspected by the State every other year. It is showing signs of rusting fittings where piping is welded to the tank. Once again we should add two new tanks when replaced to have redundant back up. Budget needs to be verified.	Future	167,752,904
181	4) Scheduled	A) Now	DOC	IMCC	Air Handler Coil Replacement Carpenter shop	\$ 62,500	This unit was new in 2005. Each winter we have experience the exchanger coils freezing up. This has lead to very rapid deterioration and longevity of unit. It maintain heating and cooling for our main powerhouse and pharmacy building. Recommend coil replacement. Facility has added a stand alone condensate tank which seems to have remedied the freeze issue. The tube walls are getting so thin some can't be repaired and have had to be permanently shutoff.	Future	167,815,404
182	4) Scheduled	A) Now	DAS	Capitol Complex	Capitol Building Fire Alarm and VESDA System Repair	\$ 314,809	Current configuration of the FACP and VESDA system require constant maintenance to maintain operational parameters due to system installation and design flaws.	Future	168,130,213
183	4) Scheduled	A) Now	DOC	Ft Dodge CF	4-120' High Mast Lighting systems	\$ 225,000	High mast light fixture failure. The 120ft high mast fixture located South of unit Floyd while doing routine maintenance had a failure of a hoist cable along with broken pulleys. The light was hanging out of level and not properly latched in position. The fixture at present is lowered to a safer position but now supported solely by two hoist cables. The high mast fixture South of Grove unit winch cable has broken and been repaired twice, the cable is now too short to properly lower the lighting assembly for service. The power cables in several poles are cracking exposing at times live conductors. Due to the strain observed on the plastic pulleys, the age of the hoist cables and known fraying/ braking, and worn latching components we feel for safety these essential items should be replaced prior to catastrophic failure. Attempts to find replacement parts have proven difficult if not impossible as the manufacturer is now out of business. Latching mechanisms will be repaired in shop, lights will be hoisted back to top of pole and secured. Lowering fixture for service will no longer be possible. All service will need to be conducted from a man basket and crane. pricing is \$225/ hr with a 2 hr min. plus man basket rental. initial quotes from manufactures indicate no retrofit of lifting mechanism or fixture ring are available, meaning a total replacement of pole and possibly footing would be necessary.	Future	168,355,213
184	4) Scheduled	A) Now	DHS	State Training School - Eldora	Administration Building West Parking Lot Replacement	\$ 195,000	The west half of the Administration building parking lot is deteriorating and has cracks and settling.	Future	168,550,213
185	4) Scheduled	A) Now	DHS	Glenwood	Bldg. 214 Tuckpointing	\$ 150,000	There are multiple locations around the building missing mortar. All windows need existing caulking ground out and resealed. There are significant gaps on the buildings limestone top caps and other locations containing limestone blocking. Water isn't penetrating these locations at this time but if left un-addressed could become a bigger issue in the near future.	Future	168,700,213
186	4) Scheduled	A) Now	DHS	WRC	Linden Court Bay Area Windows	\$ 120,000	84 windows, removal and replacement. No widespread moisture infiltration. Need to verify budget.	Future	168,820,213
187	4) Scheduled	A) Now	DOC	Clarinda	Water Tower Repairs	\$ 79,800	Refinish exterior of the 400,000 Gallon water sphere recommended by Preferred Tank and the DNR. No citations.	Future	168,900,013
188	4) Scheduled	A) Now	DOC	Clarinda	Water Tower Repairs	\$ 200,365	Repairs to 400,000 Gallon water sphere recommended by Preferred Tank and the DNR. No citations.	Future	169,100,378
189	4) Scheduled	A) Now	DAS	Capitol Complex	Lucas Storm Sewer Replacement	\$ 165,000	Replace storm sewer from east side of tunnel to the manhole in the east side of E. 13th. The pipe is original to the building construction in 1950. Discovered parts of the pipe between the building and the tunnel had collapsed, so that section was replaced/lined in 2021. The remainder of the pipe looked to be in fair condition.	Future	169,265,378
190	4) Scheduled	A) Now	Iowa PBS	6535 Corporate Dr	Repair/Replace Roof	\$ 270,000	Replace 13,000 SF ballasted roof with EPDM. Roof is original to building (1997) and the facility has started to experience a few more leaks. Leaked again in 3 spots in 2022, which were repaired.	Future	169,535,378
191	4) Scheduled	A) Now	DOC	Newton CF	CRC Boilers (2)	\$ 1,147,350	Equipment and piping infrastructure beyond end of life as it was installed in 1995.	Future	170,682,728

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
192	Scheduled	A) Now	DOC	Newton CF	NCF Boilers (3)	\$ 1,869,420	Equipment and piping infrastructure beyond end of life as it was installed in 1997.	Future	172,552,148
193	Scheduled	A) Now	DOC	IMCC	Chiller #1 Replacement	\$ 1,010,000	Replace 600 ton Trane chiller, originally installed in 2005. The chiller uses HCFC-123 refrigerant, which is no longer manufactured but should still be available. 2021 quote just to overhaul the chiller was more than \$125,000.	Future	173,562,148
194	Scheduled	A) Now	DOC	IMCC	Chiller #2 Replacement	\$ 1,010,000	Replace 600 ton Trane chiller, originally installed in 2005. The chiller uses HCFC-123 refrigerant, which is no longer manufactured but should still be available.	Future	174,572,148
195	Scheduled	A) Now	DCA	Montauk	Driveway/Parking Area Repairs	\$ 225,000	The driveway and parking area and a mix of crushed stone, macadam, and paved surfaces. They are in various states of disrepair, with ruts and potholes. No life safety issues are present, although current conditions do not present a good appearance to visitors and continued deterioration could damage vehicles. Need to verify budget.	Future	174,797,148
196	Scheduled	A) Now	DOC	North Central CF	Air Handler Replacement and Condenser Coils for Units A and B	\$ 275,000	On unit A and B both condenser and evaporator coils on all these units are deteriorated, constant thawing of these units are required due to plugged and damaged coils which reduces proper air flow through the unit. This cause excessive wear and tear on the compressors and on the unit itself due to constant tear down to thaw. Furthermore the placement of these units requires scaffolding to be built on primary stairwell to allow staff and offenders to thaw and clean these units which becomes a safety issue, this typically happens on a weekly basis and sometimes more often. All of these units are problematic and are not expected to operate much longer.	Future	175,072,148
197	Scheduled	A) Now	DAS	Capitol Complex	Grimes Electrical Improvements	\$ 690,000	Replace electrical distribution panels, motor control centers, electrical panels, and transformers. In 2021, there were two power outages that were traced to small issues with some panels. Added grounding and made other fixes to try to address it, but no guarantee that has fully fixed the problem. Equipment is original to the 1966 construction of the building.	Future	175,762,148
198	Scheduled	A) Now	DAS	Capitol Complex	Wallace Electrical Improvements	\$ 1,300,000	Replace electrical distribution equipment, including electrical panels and transformers. Test remaining electrical distribution equipment as needed.	Future	177,062,148
199	Scheduled	A) Now	DAS	Capitol Comp	Capitol Plumbing Evaluation	\$ 40,000	Evaluation of the all plumbing lines throughout the Capitol Building. All known cracked pipe has been replaced, but occasional smells persist. No current odor complaints.	Future	177,102,148
200	Scheduled	A) Now	DOC	Ft Dodge CF	Unit A Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit A have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,202,148
201	Scheduled	A) Now	DOC	Ft Dodge CF	Unit B Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit B have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,302,148
202	Scheduled	A) Now	DOC	Ft Dodge CF	Unit C Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit C have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,402,148
203	Scheduled	A) Now	DOC	Ft Dodge CF	Unit F Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit F have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,502,148
204	Scheduled	A) Now	DOC	Ft Dodge CF	Unit G Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit G have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,602,148
205	Scheduled	A) Now	DOC	Ft Dodge CF	Unit K Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit K have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,702,148
206	Scheduled	A) Now	DOC	Ft Dodge CF	Unit L Pre-Cast Sealant Replacement	\$ 100,000	The pre cast joints on Unit L have degraded and now allow moisture to infiltrate the precast wall panels. Window and door sealants are shrinking and compromise the tightness of the building envelope. This is showing up in lower ceilings and along floors where exposed. Air flow through sealed cell windows have been reported.	Future	177,802,148

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
207	4) Scheduled	A) Now	DOC	ISP	Door System Upgrade	\$ 500,000	Current system is reaching end of life and will no longer be supported with software upgrades.	Future	178,302,148
208	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Dack Building Roof Replacement	\$ 985,000	The roof on the Dack building is at the end of life because it was installed in 2002 is over 25 years old. Multiple patches have been done. Not currently leaking.	Future	179,287,148
209	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Malloy Building Roof Replacement	\$ 2,800,000	The roof over the Malloy building is at the end of life because it is believed to be over 25 years old. Multiple patches have been done and there are sections that have been held down by brick to prevent it from lifting. Not currently leaking.	Future	182,087,148
210	4) Scheduled	A) Now	DOC	North Central CF	Replace windows in Education Building	\$ 250,000	There are 32 windows in this building, 23 large windows and 9 smaller windows. There is one window that is supposed to act as a fire escape. These windows are past their useful life, 95% of them are non-operable, some are screwed shut, and some have been replaced with Plexiglas. We believe that some of them are also leaking water through them in between the stucco and brick.	Future	182,337,148
211	4) Scheduled	A) Now	DOC	Ft Dodge CF	Chiller Replacement 1	\$ 685,000	Facility chillers were installed in 1998, some parts are no longer available and require expensive retrofits if they fail. These chillers require substantial annual cost to maintain due to age and leaks. A recent bill for refrigerant and start up was approximately \$10,000. This type of chiller has an expected life of 20-25 years depending on maintenance and operations. As we near the end of expected life we would like to proactively replace one and use parts to help maintain the other two. Replacement of one would also benefit efficiency as newer chillers can operate at much lower tower temps and have much lower turn down.	Future	183,022,148
212	4) Scheduled	A) Now	DOC	Ft Dodge CF	Chiller Replacement 2	\$ 685,000	Facility chillers were installed in 1998, some parts are no longer available and require expensive retrofits if they fail. These chillers require substantial annual cost to maintain due to age and leaks. A recent bill for refrigerant and start up was approximately \$10,000. This type of chiller has an expected life of 20-25 years depending on maintenance and operations. As we near the end of expected life we would like to proactively replace one and use parts to help maintain the other two. Replacement of one would also benefit efficiency as newer chillers can operate at much lower tower temps and have much lower turn down.	Future	183,707,148
213	4) Scheduled	A) Now	DOC	Ft Dodge CF	Chiller Replacement 3	\$ 685,000	Facility chillers were installed in 1998, some parts are no longer available and require expensive retrofits if they fail. These chillers require substantial annual cost to maintain due to age and leaks. A recent bill for refrigerant and start up was approximately \$10,000. This type of chiller has an expected life of 20-25 years depending on maintenance and operations. As we near the end of expected life we would like to proactively replace one and use parts to help maintain the other two. Replacement of one would also benefit efficiency as newer chillers can operate at much lower tower temps and have much lower turn down.	Future	184,392,148
214	4) Scheduled	A) Now	DOC	Newton CF	CRC HVAC AAO unit replacements	\$ 410,569	Existing HVAC AAO circuits are past end of life as they were installed in 1995. HVAC failures and errors occur frequently and have to be manually reset w/o guarantee they will reset properly and run.	Future	184,802,717
215	4) Scheduled	A) Now	DOC	IMCC	Grease Trap Replacement	\$ 350,000	The grease trap baffles have disintegrated so the facility has to jet and pump the trap monthly. The floors have deteriorated and are down to earth.	Future	185,152,717
216	4) Scheduled	A) Now	DOC	IMCC	SNU Precast Sealant Replacement	\$ 405,000	A 2022 evaluation by SystemWorks found no evidence of active water infiltration but recommended replacement of all sealant joints within the next 5 years. The sealant is weathered and will continue to deteriorate. The vast majority of sealant is likely to be beyond its useful life and may require select intervention prior to the end of this timeframe.	Future	185,557,717
217	4) Scheduled	A) Now	DOC	IMCC	SNU Precast Waterproofing	\$ 415,000	A 2022 evaluation by SystemWorks found no evidence of active water infiltration but recommended cleaning and removing all efflorescence from the precast panels before resealing with a penetrating waterproofing (e.g., silane). The panels most affected by the cracking and staining are those indicated as "Heavy Sandblast" finish on the Building Elevations sheet (A7.00-D) of the 2004 construction documents.	Future	185,972,717
218	4) Scheduled	A) Now	DOC	IMCC	North Building Window Replacement	\$ 1,400,000	Replace 240 8"x30" single pane windows original to the 1987 construction. Frames are rusting and need to be cleaned and painted at least once a year.	Future	187,372,717
219	4) Scheduled	A) Now	DPS	Post 2	Cooling Tower Replacement	\$ 200,000	Cooling tower was leaking which doubled water bill. Pump replacement was authorized. Need to verify budget.	Future	187,572,717

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
220	4) Scheduled	A) Now	DOC	ASP	Vehicle Entrance Gates	\$ 317,000	Replace 2 gates in vehicle sally port with reinforced gates with quick operating speeds to accommodate emergency closures. The Vehicle Entrance area is the most vulnerable area of institution in terms of potential security breaches. Facility would prefer to replace with larger section to accommodate semis. 11/2022 Facility has to work on the operator and opener for both gates frequently, but they have been able to be repaired.	Future	187,889,717
221	4) Scheduled	A) Now	DOC	IMCC	East-West Building Tuckpointing	\$ 145,000	Approximately 10% of the building needs to be tuckpointed. Also includes replacement of sealant around joints, flashing, louvers and windows, as well as pre-cast repairs.	Future	188,034,717
222	4) Scheduled	A) Now	DOC	IMCC	R/S Building Tuckpointing	\$ 110,000	Approximately 5% tuckpointing needed on the west side only. Also includes replacement of expansion joint and window sealant.	Future	188,144,717
223	4) Scheduled	A) Now	DAS	Capitol Complex	Historical Building Phase 2 Roof Drain and Storm Pipe Repairs	\$ 1,000,000	Address storm drains not covered by Phase 1. These lines were not the same size as those identified as having a manufacturer defect, which were replaced in Phase 1. Budget needs to be verified.	Future	189,144,717
224	4) Scheduled	A) Now	DOC	Mt. Pleasant	Powerhouse/Appliance Shop Doors Replacement	\$ 100,000	These doors no longer function well and are in constant need of repair. The slabs have separated and been repaired. The lower portion of many jambs have been cutout due to corrosion and new lower portions welded in place. Jambs are routinely ground down to allow the doors to close. Some doors can no longer be secured.	Future	189,244,717
225	4) Scheduled	B) < 1 yr	DHS	State Training School - Eldora	Replace Chiller at School	\$ 600,000	The Admin building has 6 central A/C units and 3 window air conditioners. All units are at the end of life/high probability of breakdown. Installed in 2001 when school was built.	Future	189,844,717
226	4) Scheduled	B) < 1 yr	DHS	Glenwood	Replace Water Mains	\$ 3,125,000	Per facility - Mechanical engineer advised there is no good method to evaluate the water mains without extensive excavation and recommended we consider replacement since the water mains are more than 100 years old and we are experiencing rust in the domestic water supply. The water mains are not lined and the service lines are galvanized and ductile. Approximately 25,000 lineal feet. The facility has sustained 6 main water line breaks over the year, causing water outages around the facility.	Future	192,969,717
227	4) Scheduled	B) < 1 yr	DAS	Capitol Complex	Hoover Sanitary Sewer Line Replacements	\$ 1,000,000	Sanitary Sewer lines are in need of replacement due to age. Multiple repairs of piping had to be undertaken between 2019-2022 due to cracked piping. Smells throughout the Hoover building continue to be an annual issue at the turn of the season. Facility has attempted smoke testing of building to identify issues and repairs but smells continue to be an issue. Need to verify budget.	Future	193,969,717
228	4) Scheduled	B) < 1 yr	DOC	ICIW	Unit 6A Chiller Replacement	\$ 125,000	25 ton air-cooled chiller was installed in 1991. Repairs are becoming more frequent. Unit 6A is typically unoccupied except for swing space. Need to verify budget.	Future	194,094,717
229	4) Scheduled	C) > 1 yr	DOC	IMCC	Roof Replacement – North Addition Upper Level	\$ 368,500	Reranked lower because upper levels B - I replaced with north addition lower level roof replacement. Remaining levels J - M are not currently leaking but could use minor flashing repairs that would extend the life of the roofs 3 - 5 years. Project cost is for full replacement.	Future	194,463,217
230	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Lucas Building Elevators 5 and Freight	\$ 1,050,000	All of remaining Elevator equipment is original equipment. 4 main passenger elevators that served all floors were replaced in 2023.	Future	195,513,217
231	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Grimes Building Freight Elevator	\$ 550,000	All elevator equipment is original. The Grimes Building had 8 service calls for not being in operation since January 2018.	Future	196,063,217
232	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Jessie Parker Building Elevators 1,3,4 & 5	\$ 2,000,000	All elevator equipment is original. The Jessie Parker building had 51 service calls for not being in operation and 1 service call for people being entrapped per Kone FY2018 report. 1 elevator was replaced in FY2019.	Future	198,063,217
233	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Cooling Tower #2 , Replace Fill on Cooling Tower #4, Enlarge Condenser Water Pit	\$ 827,131	Cooling tower #2 has exceeded its life expectancy and could become unusable if anything major happens. Condenser water holding pit needs to be enlarged to run all 4 cooling towers at the same time.	Future	198,890,348
234	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace IWD Building Elevators	\$ 1,000,000	East elevator had 3 service calls, 2 repairs, and no entrapments; Center Elevator had 1 service call, 1 repairs, and no entrapments in FY19. West elevator replaced in FY19.	Future	199,890,348
235	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Elevators	\$ 2,500,000	All elevator equipment is original. The Historical Building elevators had 57 service calls and 2 entrapment per Kone FY2018 report.	Future	202,390,348
236	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Controls with Direct Digital Controls	\$ 2,300,000	The current pneumatic control system is outdated and failing, threatening environmental control for State historical museum exhibits and artifacts. Partial replacement in mechanical rooms was funded by facility in FY19.	Future	204,690,348



Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
237	Scheduled	C) > 1 yr	DAS	Capitol Complex	Monument and Art Work Repair and Restoration	\$ 525,000	Finish cleaning and restoring the statue atop the Soldiers & Sailors monument and provide for annual cleaning and maintenance of the monuments on the Capitol Complex that do not have an endowment for annual maintenance. This will also provide funding for repair, restoration and conservation of interior and exterior artwork on the Capitol Complex that has been funded by the 1/2% Art in State Buildings Program. \$100,000 was appropriated from FY2017 Major Maintenance funding as a 2 for 1 match.	Future	205,215,348
238	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Chillers / Heat Pump	\$ 1,600,000	Replace the primary chiller and the chiller/heat pump as they were installed in 1987 and the life expectancy of the equipment is 23 years per the Baker Group Report. Both the chiller and the chiller/heat pump have mechanical issues. We were unable to get the heat pump functioning during FY21 Winter causing increases in energy usage.	Future	206,815,348
239	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Boiler	\$ 535,000	Replace the two electric hot water boilers and the one electric steam boiler for humidification as they were installed in 1987 and the life expectancy of the equipment is 15 years per the Baker Group Report. Boiler repairs were needed in FY21.	Future	207,350,348
240	Scheduled	C) > 1 yr	DOC	ASP	Tunnel Replacement Outside LUB &D	\$ 1,500,000	2016 study found tunnel cap and walls can last 5 - 10 years, most cost effective to replace entirely, rather than replace only tunnel cap. Budget based on worst case scenario of replacing all utility piping with tunnel. Design needed to refine cost and scope.	Future	208,850,348
241	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Parking Lots 18B	\$ 562,500	2" wide cracks at the joints, full of settlement cracks, some holes and raised surfaces and broken and damaged concrete side walk curbs. Lot 18B has been closed.	Future	209,412,848
242	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Chiller #1	\$ 963,401	Nearing the end of its life cycle.	Future	210,376,249
243	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Boiler #1	\$ 350,355	Boiler #1 is too small, once the outside temperature drops below 30 degrees this boiler can not keep up.	Future	210,726,603
244	Scheduled	C) > 1 yr	DVA	Iowa Veterans Home	Sanitary Sewer Line Replacement	\$ 310,000	The lines are aged and allow either ground water infiltration or collapse. This increases the sewage flowing into the treatment plant from this facility due to ground water, or allows sewage to flow on the ground until an emergency repair can be arranged. Recent review found repairs had been made and there hadn't been any breaks in five years.	Future	211,036,603
245	Scheduled	C) > 1 yr	Iowa PBS	6450 Corporate Dr	Replace Ceiling Tiles and Grid System	\$ 350,000	Ceiling tiles are currently stained with water and wear and tear; the grid system has to be replaced because the current ceiling tile are no longer available because of their size (20x60). At the same time, we need to replace the fluorescent lights in the grid due to fit and so we can replace the lights with higher efficiency lighting.	Future	211,386,603
246	Scheduled	C) > 1 yr	DAS	Capitol Complex	Wallace HVAC Renovations	\$ 22,500,000	Replace AHU, coils, fans, VAV, duct work and direct digital controls. All existing equipment is past its life expectancy. Evaluation of VAV boxes was completed in FY19. Replaced VAV boxes and DDC controls for VAV boxes on SE 1st/2nd floor and 3rd floor in FY20 and 4th and 5th floors in FY21.	Future	233,886,603
247	Scheduled	C) > 1 yr	DAS	Capitol Complex	Capitol Complex West Terrace Repair and Maintenance	\$ 315,569	Maintenance of the West Capitol Terrace granite planter walls and caps to be reset as needed, cleaned, and joints between the stones cleaned and re-caulked. This is needed to prevent moisture from penetrating in the joints and eroding the underlayment and to prevent the granite from spalling due to the freeze/thawing cycles. Also provides for maintenance and restoring of planting and plant bed materials.	Future	234,202,172
248	Scheduled	C) > 1 yr	DAS	Capitol Complex	Hoover HVAC Systems Renovations	\$ 23,348,876	Complete renovation for the HVAC systems, including air handler replacements with DDC controls. The air handlers are original to the building (1979) and are well beyond their 25 year expected life.	Future	257,551,048
249	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Parking Lot 4, Including New Lighting	\$ 1,000,000	Lot 4 has 2" wide cracks at the joints, some settlement cracking, some low spots and broken and damaged concrete curb, about 10%. Partial patch was completed on Lot 4 FY16-17.	Future	258,551,048
250	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Drive for Parking Lot 25 and Parking Lots 10, 11 and 12, Including New Lighting	\$ 2,217,481	The drive for lot 25 has some spalled joints and bad panels that need repaired or replaced (1,300 sf). Lot 11 has 3/4" to 1-1/4" wide cracks at the joints (940 lin ft). Lot 12 has 3/4" to 1-1/2" wide cracks at the joints (2,220 lin ft).	Future	260,768,529
251	Scheduled	C) > 1 yr	DAS	Capitol Complex	Repair Parking Lots 28, 24 (and Drive), and 25	\$ 368,905	Lot 25 needs to have joints cut out and resealed. Lot 28 needs joints cut out and resealed plus some cracking (1,284 lin ft). Lot 24 needs some cracks cut and sealed and the drive has two panels which need some repair or replacement.	Future	261,137,435
252	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 6, 16, and 26	\$ 4,058,609	Lot 26 needs joints cut out and resealed (6,236 lin ft). Lot 16 needs some cracks filled coming of the corner of the islands (60 lin ft). The rest of these lots will need joints filled in a few years.	Future	265,196,044

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
253	4) Scheduled	C) > 1 yr	DVA	Iowa Veterans Home	Tunnel Replacement, Heinz Hall	\$ 1,125,000	Demolish existing service tunnel and erect new tunnel from Power House to Heinz Hall.	Future	266,321,044
254	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Central Energy Plant Fuel Tank Replacement	\$ 445,904	Tank is larger than required for facility needs. Due to long periods of storage, fuel quality becomes difficult to maintain. Tank shows signs of rust.	Future	266,766,948
255	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Chiller #2	\$ 963,401	This is the lead chiller for the Capitol Complex, installed in 1995, 23 year expected life.	Future	267,730,349
256	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Restoration of Lucas Building Exterior	\$ 1,138,492	Clean, tuckpoint, caulk joints and seal the exterior façade. North and West entrances were addressed in 2018.	Future	268,868,841
257	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Utility Tunnel Repairs	\$ 10,000,000	Repair the utility tunnel to maintain structural integrity and replacement of mechanical, electrical, fire protection, waterproofing and a new section under Grand Ave. This will extend the life expectancy out another 25 years. In 2019 the tunnel experienced at least two floods where water raised above 4-6". Multiple locations appear to have continual water infiltration from ground water. Recent investigations have show that the internal drainage system in the tunnel has collapsed. Natural ventilation throughout the tunnel needs repair and the original design modified to prevent additional water infiltration. Waiting on City of Des Moines and Engineer evaluation and repair of city storm water system to determine what needs to be done at the tunnels.	Future	278,868,841
258	4) Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Replace Front Exterior Doors in Living Units (5 sets)	\$ 50,000	The aluminum front entry doors receive a lot of abuse and use. A quote for replacing the doors for Dolliver and Emmet received with expectation to replace. Each door and side lights estimated at \$10,000. 5 buildings will remain and are in need of replacement.	Future	278,918,841
259	4) Scheduled	C) > 1 yr	DOC	North Central CF	Update Unit C Fire Escape	\$ 50,000	Living unit C's fire escape measures 22" in width and the stairs are not made with non-slip material. There are areas on the stairs that are bent, which can be a trip hazard for those going down in the event of a fire. The slope of this fire escape is steep compared to the other fire escapes at the facility. No citation.	Future	278,968,841
260	4) Scheduled	C) > 1 yr	DOC	North Central CF	Update Fire Escape on East Side of Education Bldg.	\$ 60,000	This fire escape measures 22" in width and there is some question due to the age of this fire escape if it is structurally sound. No citation.	Future	279,028,841
261	4) Scheduled	C) > 1 yr	DOC	ASP	Replace Hot Water System	\$ 100,000	The hot water tanks are very uncontrollable with temperature. They have very old pneumatic controls, isolation valves that do not isolate when necessary for draining/cleaning and the tube bundles could have some work performed on them if not replaced. One tube bundle is being supported inside the tank by a 4x4 wooden block because the metal bracket rusted away some years back. Engineering done.	Future	279,128,841
262	4) Scheduled	C) > 1 yr	DOC	ASP	Replace 100 & 5 lb Header and Valves	\$ 50,000	Full of asbestos insulation and the valves do not isolate properly. Small piping that branches off headers are deteriorating and could need rewelded if they start leaking. This could involve saving the header and just removing asbestos and reworking all valves and appendages.	Future	279,178,841
263	4) Scheduled	C) > 1 yr	DOC	Clarinda	Replace Roof Covering on Paint Shop Detached from Main Building Using Metal Roofing Material	\$ 30,000	Asbestos shingle covering original to the building, 1920's. No current leaks.	Future	279,208,841
264	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Building L Roof Replacement (Power Plant)	\$ 550,000	Have done some patching; roof nearing the end of life cycle. Installation Date 1997.	Future	279,758,841
265	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Building J Roof Replacement (Warehouse)	\$ 420,000	Have done some patching; roof nearing the end of life cycle. Installation Date 1997.	Future	280,178,841
266	4) Scheduled	C) > 1 yr	DHS	State Training School - Eldora	Replace A/C Units on Admin Building	\$ 80,000	End of life and the zoning is incorrect to achieve proper efficiency	Future	280,258,841
267	4) Scheduled	C) > 1 yr	Terrace Hill	Terrace Hill	Fire Alarm - Remove/Replace All Components	\$ 130,500	Outdated, parts are difficult to find	Future	280,389,341
268	4) Scheduled	C) > 1 yr	Terrace Hill	Terrace Hill	Switchgear - Remove/Replace	\$ 199,650	System outdated, replacement breakers difficult to find	Future	280,588,991
269	4) Scheduled	C) > 1 yr	Terrace Hill	Terrace Hill	Tower Flagpole - Remove	\$ 29,282	No longer in use, potential leak issue	Future	280,618,273
270	4) Scheduled	C) > 1 yr	Terrace Hill	Terrace Hill	East Retaining Wall Along Terrace Road Repair	\$ 236,253	Wall slightly leans but no overall issues	Future	280,854,526

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
271	Scheduled	C) > 1 yr	DAS	Capitol Complex	Central Energy Plant Switchgear Replacement	\$ 2,070,000	Replace the 15 kV switch gear.	Future	282,924,526
272	Scheduled	C) > 1 yr	DOC	Mt. Pleasant	Condensate Return E & W	\$ 100,000	Tank wall is thin. Current tanks aging, part of a greater system.	Future	283,024,526
273	Scheduled	C) > 1 yr	DHS	WRC	Water Tower Painting (2 Towers)	\$ 200,000	Both water towers require external and internal paint.	Future	283,224,526
274	Scheduled	C) > 1 yr	DOC	Mt. Pleasant	North Core Generator Replacement	\$ 200,000	Reaching end of life. Secondary back-up for the lighting, towers, door locks, cameras and telephone. The main generator provides power for these systems as well.	Future	283,424,526
275	Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Boiler Replacement 1	\$ 500,000	Boilers are beginning to fail and suggest that a replacement be made as they are nearing the end of their useful life. Hot water loop issues have shortened the normal life cycle.	Future	283,924,526
276	Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Boiler Replacement 2	\$ 500,000	Boilers are beginning to fail and suggest that a replacement be made as they are nearing the end of their useful life. Hot water loop issues have shortened the normal life cycle.	Future	284,424,526
277	Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Boiler Replacement 3	\$ 500,000	Boilers are beginning to fail and suggest that a replacement be made as they are nearing the end of their useful life. Hot water loop issues have shortened the normal life cycle.	Future	284,924,526
278	Scheduled	C) > 1 yr	DVA	Iowa Veterans Home	IVH Tunnel Evaluation	\$ 60,000	The tunnels throughout the IVH Campus continue to leak. This request is to evaluate all locations and recommend solutions. The tunnels are the primary way residents traverse to each building and the continual leaks are a slip hazard. The leaks are causing damage to light fixtures, fire systems and ceilings.	Future	284,984,526
279	Scheduled	C) > 1 yr	IWD	150 DM St.	Roof Replacement	\$ 352,000	Roof was installed in 2004, under warranty until 2024. There is some rust on the decking and some screws. There have been four documented leaks since 2016, but it is not actively leaking.	Future	285,336,526
280	Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Replace Dietary Equipment-Dishwasher	\$ 125,000	The dishwasher is original to 1998 construction and lacks efficiency.	Future	285,461,526
281	Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Chiller #3	\$ 963,401	Nearing the end of its life cycle. Major overhaul performed in 2018 should increase the life.	Future	286,424,926
282	Scheduled	C) > 1 yr	DAS	Capitol Complex	Repair Existing Pedestrian Tunnel between Lucas and the Capitol	\$ 8,280,000	Repair the pedestrian tunnel between the Lucas Building and the Capitol to maintain structural integrity and bring up to building and life safety codes. Ranked lower after epoxy resin repairs in FY18 improved the tunnel conditions. Need to continue to monitor to confirm repairs persist.	Future	294,704,926
283	Scheduled	C) > 1 yr	DHS	Glenwood	Bldg 101 Roof Replacement	\$ 100,000	Replace EPDM - unknown age	Future	294,804,926
284	Scheduled	C) > 1 yr	DHS	Glenwood	Bldg 106 Roof Replacement	\$ 100,000	Replace EPDM - unknown age	Future	294,904,926
285	Scheduled	C) > 1 yr	DOC	North Central CF	Units B and C Flooring Replacement	\$ 300,000	Living Units B and C have tile covering the floors in the hallway and common areas, most of the rooms are bare concrete floors. The tile have become damaged and now causing concern for trip hazard as well as the possibility for contamination due to the possible exposure of asbestos when the tile are breaking. We are requesting that the tile in these units be removed and the floors be polished concrete.	Future	295,204,926
286	Scheduled	C) > 1 yr	DHS	WRC	Tunnel Temporary Shoring	\$ 100,000	Temporary shoring intended to last 3 -5 years installed in 2018. Will need to be replaced by 2023, if decentralization not completed and tunnels still in use. Need to verify budget.	Future	295,304,926
287	Scheduled	C) > 1 yr	DHS	WRC	Hot Well Pump Replacements	\$ 75,000	Pumps are old and working, but may need to be replaced in 2022-2024 if decentralization not completed. Need to verify budget.	Future	295,379,926
288	Scheduled	C) > 1 yr	DHS	WRC	Boiler 1 and 2 Retubing	\$ 100,000	Boiler tubes are old and probably will need to be replaced in 2022-2024 if decentralization not completed. Need to verify budget.	Future	295,479,926
289	Scheduled	C) > 1 yr	DHS	WRC	DA Tank Replacement	\$ 187,500	Tank has some pitting, but is currently passing inspection. Will need to be replaced at some point if decentralization not completed. Need to verify budget.	Future	295,667,426
290	Scheduled	C) > 1 yr	DHS	WRC	Diesel Tank Farm Replacement	\$ 500,000	Tanks are 40-45 years old and much larger than needed today to provide backup fuel for the boilers and generators. Containment may not meet current codes. Need to verify budget.	Future	296,167,426
291	Scheduled	C) > 1 yr	DHS	Glenwood	Generator Replacement	\$ 3,000,000	Replace two 750 HP 1500 KW generators and switchgear. Agency believes the replacement system may need to be larger to provide the same level of redundancy as when the current system was installed. Need to verify scope and budget.	Future	299,167,426
292	Scheduled	C) > 1 yr	DOC	Clarinda	CTC Mechanic Shop Roof Replacement	\$ 60,000	Asbestos shingles covering original to building. Missing shingles in various areas of the roof. No current leaks. Verify Cost estimates	Future	299,227,426

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
293	4) Scheduled	C) > 1 yr	DOC	Clarinda	CTC Clever Brooks Boiler #2 Replacement	\$ 500,000	Boiler #2 at the CTC power plant was installed in 2000. This boiler has a 20 year life expectancy and will need replaced in the near future. No issue with this boiler at this time. Verify cost estimates.	Future	299,727,426
294	4) Scheduled	C) > 1 yr	DOC	IMCC	#1 Chiller 10 year Overhaul	\$ 106,250	Chiller has exceeded its 10 year periodic overhaul recommended by manufacturer.	Future	299,833,676
295	4) Scheduled	C) > 1 yr	DOC	IMCC	Dietary Sewer Line Replacement	\$ 1,000,000	IMCC has drains that occasionally back up in the dietary. They are located below the floor and mainly on the west side of the room. Facility did televise these drain approximately 2 years ago and it appears the line has collapsed or the building has settled causing a break in the line. We do jet this line periodically and this keep the line open for the most part and keep the issue controllable. The entire drain lines should be looked at and repaired or replaced however. Need to verify budget.	Future	300,833,676
296	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF Chiller #1 and #2 (Two 500 Ton Units) and Infrastructure Replacement	\$ 2,848,960	NCF Chillers 22+ years old, requiring annual maintenance; however, failure will occur at some point. Energy efficiency of new units will offset significant cost to replace. Installation Date 1997.	Future	303,682,636
297	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Oran Pape Building Freight Elevator Replacement	\$ 550,000	Freight elevator is down frequently.	Future	304,232,636
298	4) Scheduled	C) > 1 yr	DAS	Iowa Labs	Walk-in Coolers Replacement	\$ 364,500	Walk in coolers are beyond life expectancy. Door repairs are a yearly maintenance item to replace seals. Condensate occurs on the interior of the cooler and on stored items.	Future	304,597,136
299	4) Scheduled	C) > 1 yr	IWD	150 DM St.	IWD 150 Basement Waterproofing	\$ 250,000	Water infiltrates into basement mechanical and storage areas via the slab on grade. Standing water creates hazard to workers accessing the space to perform maintenance on mechanical equipment. Need to verify budget. CCM repairs in FY20 mitigated the issue.	Future	304,847,136
300	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Repair Parking Lots 9A	\$ 160,000	Wallace building dock parking lot.	Future	305,007,136
301	4) Scheduled	C) > 1 yr	DHS	State Training School - Eldora	Corbett Miller Hall roof replacement	\$ 140,300	8,000 SF roof is at the end of it's life and we are starting to incur expensive repairs. Installed June 2000 with a 10-year warranty.	Future	305,147,436
302	4) Scheduled	C) > 1 yr	DOC	Mt. Pleasant	Metal MHI Gym Roof Repair	\$ 240,625	Appears to be in poor condition. No reported leaks. Installed prior to 2000.	Future	305,388,061
303	4) Scheduled	C) > 1 yr	DHS	Glenwood	Building 103 Roof Replacement	\$ 175,000	Replace shingle portion of roof. Interior mold concerns should be addressed by 2018 tuckpointing project.	Future	305,563,061
304	4) Scheduled	C) > 1 yr	DOC	ASP	IPI License Plates Shop Roof Replacement	\$ 340,000	Replace the membrane roofing system on the IPI License Plate Shop roof. There are concerns about the integrity of the seams. The roof is approximately 100 ft by 130 Ft and is located inside the secure perimeter of the Penitentiary.	Future	305,903,061
305	4) Scheduled	C) > 1 yr	DOC	ASP	IPI Furniture Shop Roof Replacements	\$ 600,000	Replace the membrane roofing system on the IPI Furniture production and assembly shop roofs. There are concerns about the integrity of the seams. The roofs are approximately 200 ft by 72 ft and 120 ft by 72 ft. The buildings are located inside the secure perimeter of the Penitentiary.	Future	306,503,061
306	4) Scheduled	C) > 1 yr	DOC	ASP	IPI Print Shop Roof Replacement	\$ 340,000	Replace the membrane roofing system on the IPI Print Shop roof. There are concerns about the integrity of the seams. The roof is approximately 70 ft by 130 ft and is located inside the secure perimeter of the Penitentiary.	Future	306,843,061
307	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Parking Lots 13, 14, and 19, Including New Lighting	\$ 2,162,268	Lot 13 and the drive are full of 1" wide settlement cracks throughout the entire lot and drive. Lot 14 has 1" to 1-3/4" joint cracks (2,121 lin ft). Lot 19 has 1" wide settlement cracks throughout the lot. These would need to be replaced if the East Capitol Mall is not funded. Design for replacement needs to evaluate relocation options to accommodate master plan.	Future	309,005,329
308	4) Scheduled	C) > 1yr	DHS	State Training School - Eldora	School Roof Replacement	\$ 400,000	Roof was installed in 2001 when school was built. Currently nearing the end of its life.	Future	309,405,329
309	4) Scheduled	C) > 1yr	DHS	Independence	Upgrade Siemens Energy Management Panels	\$ 50,000	Facility has extra parts. The system is working but outdated.	Future	309,455,329
310	4) Scheduled	C) > 1 yr	DVA	Iowa Veterans Home	Cooks row floor in dietary replacement	\$ 150,000	In Dietary, the area where the cooks stand and traverse, the flooring is separating and lifting to the point it needs repair. Water is settling in between the cracks and is unsanitary.	Future	309,605,329

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
311	Scheduled	C) > 1 yr	DOC	Mt. Pleasant	Boiler #2 burner head replacement	\$ 150,000	Current burner assembly is antiquated. Parts are no longer available.	Future	309,755,329
312	Scheduled	C) > 1 yr	DOC	Newton CF	NCF secured yard and drainage egress from main facility	\$ 475,000	NCF secured yard, corresponding egress going East and Southeast need necessary drainage tile, excavation and boring to move water from inside of secured perimeter to outside secured perimeter. Estimate over 200 yard length of boring, excavation and drain tile installation. Constant flooding and ponding of secured yard due to original prison civil work in 1997 missing ground elevations and run-off by 1' to 4'	Future	310,230,329
313	Scheduled	C) > 1 yr	DOC	IMCC	Boiler Water Softener Replacements	\$ 80,000	Replace Kinetico water softeners that provide soft water to the boilers.	Future	310,310,329
314	Scheduled	C) > 1 yr	DPS	Post 2	Windows Replacement	\$ 35,000	Window cranks on many windows do not work well or are inoperable, warping in many windows, many windows open onto soffit, air infiltration, insect infiltration, and overall poor condition. Approximately 40 windows. Need to verify budget.	Future	310,345,329
315	Scheduled	C) > 1 yr	DHS	Independence	Witte Building Lobby Floor Replacement	\$ 150,000	The lobbies on all 3 floors of the building are asbestos 9x9 tile. They are coming loose, many are cracked or chipped. No citation.	Future	310,495,329
316	Scheduled	C) > 1 yr	DHS	Independence	Reynolds Building Elevator Replacement	\$ 400,000	Elevator is over 100 years old. It is the main elevator for the building. It has manually operated doors which often are left open and fail to close properly which leaves the elevator stopped at that floor. Parts are not available and have to often times be made. Service calls are often made and maintenance staff are often called back in to keep it operating.	Future	310,895,329
317	Scheduled	C) > 1 yr	DAS	Capitol Complex	Door Hardware Upgrades	\$ 155,000	Install panic hardware on fire stairwells and auditoriums throughout campus. Antiquated building design has several locations lacking panic hardware.	Future	311,050,329
318	Scheduled	C) > 1 yr	DOC	Newton CF	Hot & Cold Water Loop System	\$ 9,150,440	NCF experienced two failures of the hot water loop (heating system) between January 9 and January 27, 2020. These recent failures, coupled with a long history of other piping failures bring continued awareness to a critical life safety infrastructure component that needs to be replaced as the pipe failures have a direct and negative impact on the facility being able to provide heat and hot water to the facility population. The current system has had previous capital spending along with several 29C.20 emergency declarations since installation. The hot water piping is currently leaking at a rate of 300 gallons of per day which is up from 100 gallons since January 2021. (Chemical Sodium Nitrite has to be added on an ongoing basis resulting in added expenses.)	Future	320,200,770
319	Scheduled	C) > 1 yr	DAS	Capitol Complex	Wallace Interior Roof Drain and Storm Piping Replacement	\$ 400,000	Need to verify budget.	Future	320,600,770
320	Scheduled	C) > 1 yr	DAS	Capitol Complex	Grimes Interior Roof Drain and Storm Piping Replacement	\$ 200,000	Leaks occur yearly due to piping and drain body failures due to age. Current leak frequency is low but expected to increase due to age; leaks are frequently hard to identify when piping breaks at top of piping. No current active leaks known, but had 5 leaks between 7/1/21 - 11/30/22. Need to verify budget.	Future	320,800,770
321	Scheduled	C) > 1 yr	DAS	Capitol Complex	Historical Roof Replacement of Paver Roof Sections	\$ 2,000,000	Slip Membrane below roof was replaced in 2022. Future replacement of full roof will be needed. Need to verify budget.	Future	322,800,770
322	Scheduled	C) > 1 yr	DAS	Capitol Complex	Oran Pape Tuckpointing/Stone Repairs	\$ 275,000	Tuckpointing and Stone Repairs of building due to age. Partial tuckpointing of upper levels was completed but additional repairs are required. Salt usage has damaged stone near base of building and is in need of repairs.	Future	323,075,770
323	Scheduled	C) > 1 yr	DCA	Union Sunday School	HVAC Replacement	\$ 118,000	The HVAC system is at the end of its service life. Compressor, coils, controls, etc. all likely in need of repair or replacement. Need to verify budget.	Future	323,193,770
324	Scheduled	C) > 1 yr	DVA	Iowa Veterans Home	Dietary Rooftop HVAC Replacement	\$ 120,000	The make up air handling unit is at its end of its life cycle. It was installed in 2001 and we are making regular repairs.	Future	323,313,770
325	Efficiency	A) Now	DHS	CCUSO	Exterior Lock Replacement	\$ 300,000	Exterior locks are currently manually opened by key and unmonitored. This project would add exterior doors at CCUSO and the MHI to the lock control system that is monitored by Master Control.	Future	323,613,770
326	Efficiency	A) Now	DOC	Mt. Pleasant	Add 1,000 gallon water holding tank to existing system	\$ 80,000	Limited hot water. This supplies water to the 20 building which houses the MLO resulting in an increase in need for hot water.	Future	323,693,770
327	Efficiency	A) Now	DOC	Mt. Pleasant	West Yard Upgrade	\$ 300,000	This includes the need for new tennis and basketball courts and weight yard repair as this yard is short of much needed activities. A retaining wall and tiling are also needed as the area takes on water.	Future	323,993,770

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
328	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add Cooling Tower Walkway	\$ 12,000	Cited by Dan Doss to install working platforms on towers.	Future	324,005,770
329	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add Covered Entry to R&D Vehicle Loading Area	\$ 85,000	A covered entry is needed at our trip door for safely loading/offloading transfers during adverse weather conditions.	Future	324,090,770
330	5) Efficiency	A) Now	DOC	Ft Dodge CF	Generator PLC Repairs	\$ 20,000	Replace defective NOL card in PLC. Faulty card prevents generator set operational data from being displayed at the system touchscreen.	Future	324,110,770
331	5) Efficiency	A) Now	DHS	WRC	Install Gas Lines East and West Campus	\$ 160,000	Install gas lines and install hot water loop boilers at Grandwood. This project can be removed if decentralization project is completed.	Future	324,270,770
332	5) Efficiency	A) Now	DVA	Iowa Veterans Home	Install E-85 Fueling Station	\$ 110,000	E-85 usage had been mandated by the Governor's office. There is no public E-85 dispensing station nearby.	Future	324,380,770
333	5) Efficiency	A) Now	DAS	Capitol Complex	Sprinklers for the Central Energy Plant	\$ 3,000,000	This request extends the fire protection to the CEP and FMC Buildings by installing fire sprinkler protection systems inside the buildings.	Future	327,380,770
334	5) Efficiency	A) Now	DOC	ASP	Replace the Control Center 2 Gate Locking System	\$ 100,000	Have to make parts in-house when it fails.	Future	327,480,770
335	5) Efficiency	A) Now	DOC	ASP	Install Fire Exit Stairs at Living Unit B	\$ 2,000,000	Fire Marshal notation, but no citation.	Future	329,480,770
336	5) Efficiency	A) Now	DHS	Cherokee	Air Conditioning, Ductwork Dampers, Zone Valves & Convactor Upgrades to Main Building	\$ 1,511,664	Capital request for the center section of the Main Building (does not include S1, S2 or S3). Window air conditioning units are in use.	Future	330,992,434
337	5) Efficiency	A) Now	DOC	IMCC	Building – Automation Controls – Phase II	\$ 50,000		Future	331,042,434
338	5) Efficiency	A) Now	DHS	Cherokee	Build Administration Building Emergency Egress	\$ 450,000	Capital request. Build exposed stair for emergency egress at Administration Building. Currently no direct egress path on west side from 2nd or 3rd floors. Recommendation from 2016 study.	Future	331,492,434
339	5) Efficiency	A) Now	DHS	Cherokee	Sidewalk Replacement-Campus Wide	\$ 588,500	Surface is deteriorating in places, but no trips/falls reported.	Future	332,080,934
340	5) Efficiency	A) Now	DOC	IMCC	Building – Automation Controls – Phase III	\$ 356,000	Pneumatic systems do not offer efficiency of today's technology.	Future	332,436,934
341	5) Efficiency	A) Now	DOC	IMCC	Building – Automation Controls – Phase IV	\$ 359,000	Pneumatic systems do not offer efficiency of today's technology.	Future	332,795,934
342	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement Building 111	\$ 500,000	Residents have broken windows and most other windows have been leaking. This is a programming site for our residents. #1 priority for window replacement.	Future	333,295,934
343	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement in 121	\$ 100,000	Single pane windows: not energy efficient and not secure for a storeroom. #2 priority for window replacement. In 2022, the facility provided the following update but the project was not re-ranked due to planned facility closure. There are 61 single pane windows in the building. There are multiple locations where water is infiltrating into the building around the windows causing damage to stored items and electrical panel. Multiple locations have been boarded up due to the condition of the windows. During high wind storms, window sashes blow open causing rain to enter building.	Future	333,395,934
344	5) Efficiency	A) Now	DOC	ASP	Add Water Treatment to Well #3 and 4	\$ 3,000,000	Facility has 2 wells, #3 and #4. They have not been able to use #4 well since it was drilled because of high radium levels. Well #3 is now on quarterly testing. The facility will be in violation if the running annual average of one year of quarterly samples exceeds the allowed level of radium. There is no alternative water source as the city is not able to supply treated water to the facility.	Future	336,395,934
345	5) Efficiency	A) Now	DOC	ASP	Powerhouse Lighting, Windows and Ventilation	\$ 60,000		Future	336,455,934
346	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add Industry Building to Automation System	\$ 42,000		Future	336,497,934
347	5) Efficiency	A) Now	DOC	ASP	Replace Windows & Screens in LU-B	\$ 180,000		Future	336,677,934
348	5) Efficiency	A) Now	DOC	ASP	Replace Windows & Screens in LU-C	\$ 180,000		Future	336,857,934

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
349	Efficiency	A) Now	DOC	ASP	Replace Windows & Screens in LU-D	\$ 180,000		Future	337,037,934
350	Efficiency	A) Now	DOC	ASP	Replace Windows & Screens in Auditorium	\$ 30,000		Future	337,067,934
351	Efficiency	A) Now	DOC	ASP	Replace Windows & Screens in Chapel	\$ 30,000		Future	337,097,934
352	Efficiency	A) Now	DOC	ASP	Replace Windows & Screens in Music Room	\$ 30,000		Future	337,127,934
353	Efficiency	A) Now	IWD	150 DM St.	IWD 150 Des Moines Street PA System	\$ 50,000		Future	337,177,934
354	Efficiency	A) Now	DAS	Capitol Complex	Capitol Building Law Library Rare Book Climate Control	\$ 25,250	The most valuable and rare books of the law library are stored in this secure room that at times exceeds 90 degrees with high humidity.	Future	337,203,184
355	Efficiency	A) Now	DOC	IMCC	Sanitary Sewer Effluent Upgrade	\$ 1,970,482	Our current sewer building does not meet current regulations. It is the main sewer effluent from our facility before heading to city sewer system. It contains a manual bar screen that needs to be cleaned by personnel. The bar screen is raked and the contents are emptied into a bucket manually and sent to the landfill. Also, there is no atmosphere testing equipment. We are recommending adding redundant automatic cleaning devices such as auger monster type equipment to clean this system. Environmental controls should be added to monitor the building atmosphere. This should be communicated through the building automation system.	Future	339,173,666
356	Efficiency	A) Now	DOC	Ft Dodge CF	Add Untreated Water Line	\$ 65,000	Install a water line for irrigating gardens, washing down dog pads, etc. Current only treated/conditioned water is available from the power plant.	Future	339,238,666
357	Efficiency	A) Now	DOC	Ft Dodge CF	Retube Hot Water Boilers at Power Plant	\$ 75,000	Leaking tubes are being replaced as needed each winter. Replacement of worn tubes (186) around the Morrison tubes of all three boilers is needed.	Future	339,313,666
358	Efficiency	A) Now	DOC	IMCC	Hot Water Systems Upgrade	\$ 501,729	Our facility has its own hot water system, which consists of three heating units and one storage tank. Since the installation of this system, we have had to send each heating unit back to manufacturer for refurbishing. The system continues to operate with water temperature below necessary limits of 160 degrees. The system is approximately 8 years old and needs to be updated to continue to supply water to washer for proper operation and to ensure clothes are cleaned and disinfected properly by maintaining the temperatures. All these items increase costs to our facility.	Future	339,815,395
359	Efficiency	A) Now	DOC	IMCC	Electric Services Upgrade	\$ 2,929,006	The older buildings at IMCC are currently 44 years old. As modernization has occurred (Computers, cameras, inmates TV's, radios, Fans Etc.) items have been added to the existing electrical system and it is now full. Electrician are being asked to add equipment but by codes, our system is no longer able to handles additions. It is necessary to upgrade the electrical primary panels (First panels inside the buildings) and add some additional panels, wiring and junctions throughout our buildings (Older buildings). Currently breakers trip repeatedly during normal daily activities such as plugging in a vacuum or buffer. There would need to be an engineering study performed, designed and arc flash program set up with this request.	Future	342,744,401
360	Efficiency	A) Now	DOC	IMCC	Old Records Remodel	\$ 161,707	Remodel old records area.	Future	342,906,108
361	Efficiency	A) Now	DOC	IMCC	Dead Records Remodel	\$ 557,491	Remodel dead records area.	Future	343,463,599
362	Efficiency	A) Now	DVA	Iowa Veterans Home	Guardhouse Roof	\$ 40,000	Replace existing asphalt shingles with clay tile for historic restoration.	Future	343,503,599
363	Efficiency	A) Now	DHS	State Training School - Eldora	Add A/C to School Gym	\$ 200,000	School was built and designed for gym to be cooled, however the coil was never installed. Not having the gym cooled disrupts the air quality in the entire school. Budget to be confirmed prior to funding.	Future	343,703,599

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
364	5) Efficiency	A) Now	DPS	Fleet & Supply	Install Fire Suppression System	\$ 157,500	The Fire suppression system has never operated and the holding tank for water was removed before 2002. Facility is 26,640 square feet. Supply side of warehouse has a large number of law enforcement supplies. Given the nature of the materials that are regularly stored in the building, and the location of the building, DPS is requesting addition of fire suppression to minimize risk.	Future	343,861,099
365	5) Efficiency	A) Now	DAS	Capitol Complex	Wallace Building Terrarium Removal	\$ 590,000	Remove the terrarium in the atrium and fill void. Terrarium is difficult to maintain.	Future	344,451,099
366	5) Efficiency	A) Now	DHS	Independence	Boiler Replacement	\$ 500,000	Current boilers are 2 Murray boilers #1 is a 1962 and #2 is a 1969. Though both are in good condition this is the campus' only heating source. Getting parts and making repairs are often difficult.	Future	344,951,099
367	5) Efficiency	A) Now	DOC	Mt. Pleasant	Arc Flash Survey	\$ 75,000	Arc flash survey needs completed for last electrical upgrade.	Future	345,026,099
368	5) Efficiency	A) Now	DOC	ISP	Building 2 Humidity Control	\$ 250,000	Phase 2 of Humidity Project for remaining buildings. The HVAC piping system and associated controls will be modified in Building 2 to improve the humidity control in these buildings. These modifications will allow the HVAC systems to reduce the humidity in the buildings without sacrificing temperature control or occupant comfort.	Future	345,276,099
369	5) Efficiency	A) Now	DOC	ISP	Building 3 Humidity Control	\$ 250,000	Phase 3 of Humidity Project for remaining buildings. The HVAC piping system and associated controls will be modified in Building 3 to improve the humidity control in these buildings. These modifications will allow the HVAC systems to reduce the humidity in the buildings without sacrificing temperature control or occupant comfort.	Future	345,526,099
370	5) Efficiency	A) Now	DOC	Mt. Pleasant	Avenue Lighting Replacement	\$ 200,000	Replace poles and lights (27 total), which would include concrete footings, labor, engineering, and construction management.	Future	345,726,099
371	5) Efficiency	A) Now	DAS	Capitol Complex	Historical Building Envelope Replacement	\$ 39,000,000	The existing building walls and roof are terribly inefficient in terms of energy performance and vapor transfer mitigation. These elements are not constructed to museum standards or to the current building standards. The walls are severely under-insulated. The walls lack any type of vapor mitigation assembly. As such, the existing granite cladding panels have been exposed to both trapped water and water vapor over much of their life and are currently deteriorating at an accelerated rate. The proposed scope of work under this request is to remove the granite cladding panels, install a building membrane to mitigate both water intrusion and vapor transmission, install insulation to meet current museum standards, and provide a new metal panel cladding system and associated backup fixing system. These modifications will bring the building envelope to current State and museum standards and ready the building appropriately for modifications to the heating and cooling systems.	Future	384,726,099
372	5) Efficiency	A) Now	DOC	IMCC	Arc Flash Study	\$ 80,000	Electrical Standards require a study to be perform to ensure safety of individuals working or passing by electrical panels. This study would also include adding placards and notifications on the panels so individuals know what that safe distance is to be maintained from the panels.	Future	384,806,099
373	5) Efficiency	A) Now	DOC	IMCC	Exterior Yard/Parking Lot Lights	\$ 400,000	IMCC needs to upgrade all exterior lighting for inmate yards and also staff parking lots. Should be upgraded to LED lighting. Current light fixtures (terminals and wiring) in the yard area are displaying signs of overheating. The cables and pulley systems for lowering the light fixtures to the ground are malfunctioning on some poles requiring a lift to change bulbs. Contacts also with age, stick and at times, not allowing row of lighting to light up at night without maintenance staff support.	Future	385,206,099
374	5) Efficiency	A) Now	DCA	Centennial Building	Building Study	\$ 50,000	Study to evaluate all major building systems including HVAC (system, configuration and performance), Plumbing (+ fixtures) and Electrical (+ fixtures), Fire suppression and monitoring. Determine current and future performance efficiency and establish the remaining usable life for each system to project future capital facility investment. Fire panel and monitoring system is almost 20 years old. The building is unable to maintain consistent levels of humidity, does not have a vapor barrier to control humidity and protect the unique historical collections and the current HVAC is an amalgamation of systems and parts 1958-Present.	Future	385,256,099
375	5) Efficiency	A) Now	DHS	CCUSO	S6 Seclusion Area Remodel	\$ 150,000	Existing area for this project currently unusable due to design. The room was designed and installed when CCUSO first moved to Cherokee. Design is correctional and not appropriate or safe for a treatment program. The fixtures are not ligature-proof which presents a suicide risk.	Future	385,406,099



Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
376	5) Efficiency	A) Now	Iowa PBS	6450 Corporate Dr	Bathroom Renovations	\$ 166,422	Complete renovation of 6 bathrooms. All fixtures and furnishings are original to building construction and showing wear and tear. Includes adding heat to two bathrooms (also a separate project on the list).	Future	385,572,521
377	5) Efficiency	A) Now	Iowa PBS	6450 Corporate Dr	Bathroom HVAC Improvements	\$ 30,000	Two bathrooms do not have heating beyond supply air and temperatures range from 64 - 68 in the winter. Facility currently uses space heaters to provide additional heat.	Future	385,602,521
378	5) Efficiency	A) Now	DAS	Capitol Complex	Ola Babcock Miller Exterior Cleaning	\$ 200,000	Clean building exterior stone.	Future	385,802,521
379	5) Efficiency	A) Now	DHS	Glenwood	Insulate Steam and Chilled Water Lines in the Utility Tunnels	\$ 600,000	The current insulation is in need of replacement to maintain the structural integrity of the utility tunnels. The current condition has caused severe damage and deterioration to surrounding lines.	Future	386,402,521
380	5) Efficiency	A) Now	DOC	IMCC	Upgrade Siemens Building Management Software to Desigo	\$ 350,000	Upgrade Siemens control panel from Apogee to Desigo CC. Parts for Apogee we are told are obsolete. Siemens need to upgrade to ensure system reliability and operation for building environmental and energy management.	Future	386,752,521
381	5) Efficiency	A) Now	DOC	Mt. Pleasant	Siemens Building Management Software Upgrade	\$ 101,000	The current software running our BAS system is outdated and will no longer be supported.	Future	386,853,521
382	5) Efficiency	A) Now	DAS	Capitol Complex	Capitol Building Chiller Replacement	\$ 80,000	Two rooms in the Capitol are currently cooled by a single-pass water-cooled chiller. This project would replace the chiller with fan coil systems connected to the building chilled water system.	Future	386,933,521
383	5) Efficiency	A) Now	DHS	CCUSO	Roof Ice Breaks in Outdoor Patient Area	\$ 50,000	Accumulated winter snow sloughs off of the metal roof in the fenced yard area, potentially injuring patients and staff. Patient walking path is directly below these areas which could severely injure someone walking the path if ice/snow falls off. Current recommendation is to barricade the area when ice falling is a concern.	Future	386,983,521
384	5) Efficiency	A) Now	DHS	CCUSO	Safe Bathrooms for S2, S3, S5 and S8 Wards	\$ 3,000,000	Existing area for this project currently unusable due to design. The room was designed and installed when CCUSO first moved to Cherokee. Design is correctional and not appropriate or safe for a treatment program. The fixtures are not ligature-proof which presents a suicide risk. No citation has been received.	Future	389,983,521
385	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement Building 106	\$ 125,000	#3 priority for window replacement	Future	390,108,521
386	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit A Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,208,521
387	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit B Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,308,521
388	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit C Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,408,521
389	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit D Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,508,521
390	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit E Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,608,521
391	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit M Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,708,521
392	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit F Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,808,521
393	5) Efficiency	A) Now	DOC	Ft Dodge CF	Unit G Re-heat Coil Replacement	\$ 100,000	The re heat coils post AHU are partially plugged, attempts to clean these by chemical means have not been successful, In many cases the coils appear to be about 30% open resulting in difficulty to properly condition the spaces served. Need to verify budget.	Future	390,908,521

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
394	5) Efficiency	A) Now	DOC	North Central CF	Renovate 2 Boilers	\$ 58,000	Need tube replacement and convert to 10 gauge boiler tubes. Annually, we continue to replace tubes inside boiler #1 and #2, at an estimated cost of \$15,000. Downtime is an increasing issue, leaving much of the facility without heat until the second boiler can be brought on line (as long as it is not leaking too much). In addition, it would be more operationally cost effective to replace burner heads with smaller more controllable heads that will allow for smaller low fire for warmer weather.	Future	390,966,521
395	5) Efficiency	A) Now	DOC	ISP	Kitchen & Laundry Water Heater/Boiler Replacement	\$ 160,000	The current water heater/boilers were discontinued before we moved into the new institution. Parts are becoming extremely expensive and the company recommends we rebuild them yearly at a minimum.	Future	391,126,521
396	5) Efficiency	A) Now	DOC	ISP	Laundry Air Intake Repair	\$ 50,000	The current design dumps 100 degree untempered air in to feed the dryers. In the winter we have freeze up issues and in the summer it is virtually impossible to remove all the humidity and cool the building.	Future	391,176,521
397	5) Efficiency	A) Now	DOC	ISP (Old Site)	Chiller Addition for CCU	\$ 560,000	Currently there is only one chiller to cool all areas at the old ISP. This would allow us to just chill the CCU and close down the old powerhouse saving staff time and money.	Future	391,736,521
398	5) Efficiency	A) Now	DHS	CCUSO	Patient Doors Conversion	\$ 225,000	Redesign 80 patient room doors to swing out so patients cannot barricade themselves in, which has happened recently. No citation.	Future	391,961,521
399	5) Efficiency	A) Now	DOC	North Central CF	Replace and upgrade sewage pumps	\$ 100,000	Upgrade sewage pumps to a muffin monster style. Also gate valves and valve checks should be replaced also. Discharge piping, and guide rail, base elbows, and base piping should be examined for possible replacement.	Future	392,061,521
400	5) Efficiency	A) Now	DOC	Clarinda	Secondary water main from city or rural water.	\$ 1,200,000	A secondary water main installed to the campus in the event the facilities water plant or pumps fail. Need to verify budget.	Future	393,261,521
401	5) Efficiency	A) Now	DVA	Iowa Veterans Home	Campus lighting replacement	\$ 500,000	The exterior lighting for sidewalks, roads and parking lots need to be replaced. Current lighting is dim and is inadequate to allow safe travel for residents, visitors and staff throughout the campus. Need to verify budget.	Future	393,761,521
402	5) Efficiency	A) Now	DOC	North Central CF	Living Unit D Awning Removal	\$ 150,000	From its construction to present day, this awning has been a haven for the local bird population. It is a mess of bird nests and excrement, the sidewalk and walls of the building are covered with bird droppings. Measures have been taken to try to alleviate this problem to no avail. The awning is attached to steel plates behind the fascia block which runs down to steel beams set in concrete at ground level. Some of the fascia blocks would need to be removed, the steel beam cut or unbolted from the plate, and the fascia block replaced. The concrete around the steel beams would need to be broken out and the beams either unbolted from the pylon or cut off below ground level and concrete replaced.	Future	393,911,521
403	5) Efficiency	A) Now	DHS	Cherokee	Wirth Hall Infrastructure Repair	\$ 250,000	Approximately half of the rooms in Wirth Hall, an employee dormitory, are decommissioned due to plumbing issues and electrical issues. In recent years we have experienced increased demand for on-campus housing due to a housing shortage in the community. This project would allow us to reopen rooms for use.	Future	394,161,521
404	5) Efficiency	A) Now	DAS	Iowa Labs	Building Envelope Renovation	\$ 7,000,000	A Shive-Hattery 2021 evaluation found multiple deficiencies in the building envelope, resulting in condensation inside the building, but no current moisture infiltration. This project would implement the study's Option A recommendation to remove building envelope (excluding the roof) and properly install a new system including an appropriate air barrier system, flashings, and exterior insulation. The goal of this option would be to bring the structure up to current code standards. Cost estimate is from the 2021 Shive-Hattery evaluation.	Future	401,161,521
405	5) Efficiency	A) Now	DAS	Iowa Labs	HVAC Improvements	\$ 1,000,000	A Shive-Hattery 2021 evaluation recommended several improvements to the HVAC system. This project would eliminate the outside air intakes at the perforated soffit eaves and provide new roof mounted intakes on the roof, change the controls for the exhaust fan system, add building humidity control, revise the energy recovery units and add heaters to eliminate frosting at exterior doors. Cost estimate is from the 2021 Shive-Hattery evaluation.	Future	402,161,521
406	5) Efficiency	A) Now	DAS	Iowa Labs	Lighting Replacement	\$ 2,900,000	The original light fixtures and controls are beginning to fail and some parts are not available. This would replace all facility lights with new LED lights and new controls. Cost estimate is from the 2021 Shive-Hattery evaluation.	Future	405,061,521
407	5) Efficiency	A) Now	DAS	Capitol Comp	IUB/OCA Lighting Replacement	\$ 500,000	Lens covers continually fall off of existing lights and several attempts to repair have not been successful.	Future	405,561,521

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
408	5) Efficiency	A) Now	DHS	Independence	Witte Building Air Conditioning Expansion Improvements	\$ 300,000	Center halls on the patient wards are not air conditioned; they rely on air conditioning to filter in from both ends. These halls house rooms for difficult patients as well as all patient restrooms and shower rooms. Patient phone rooms, exam rooms, IT switch rooms, storage rooms and staff break rooms are also in these halls	Future	405,861,521
409	5) Efficiency	A) Now	DPS	Post 2	HVAC Replacement	\$ 600,000	3 Heat pumps are on order and estimated delivery of 24 weeks which has now changed due to age of pump and second back order notice. May have to get another brand which the siemens system may not be able to control. Post 2 would prefer an entirely new HVAC system. Need to verify budget.	Future	406,461,521
410	5) Efficiency	A) Now	DCA	Montauk State Historic Site	HVAC Upgrade/Replacement	\$ 146,000	HVAC system is dated and inadequate to maintain proper conditions for historic artifact collection stored within the building. A 2022 collections assessment states, "The three primary buildings are suffering from inadequate HVAC systems to control their environments. There are additional concerns in the attic of the Montauk Mansion as well as the second floor of the Clermont Museum, including insufficient insulation, that are contributing to the overall extremes in environmental conditions. While the space is available at both sites to comfortably store the collection, it is necessary for the spaces to be fully insulated and a regulated temperature and RH be established in order to serve as safe collection storage." Need to verify budget.	Future	406,607,521
411	5) Efficiency	A) Now	DCA	Clermont Museum Historic Site	HVAC Upgrade/Replacement	\$ 132,000	HVAC system is dated and inadequate to maintain proper conditions for historic artifact collection stored within the building. A 2022 collections assessment states, "The three primary buildings are suffering from inadequate HVAC systems to control their environments. There are additional concerns in the attic of the Montauk Mansion as well as the second floor of the Clermont Museum, including insufficient insulation, that are contributing to the overall extremes in environmental conditions. While the space is available at both sites to comfortably store the collection, it is necessary for the spaces to be fully insulated and a regulated temperature and RH be established in order to serve as safe collection storage." Need to verify budget.	Future	406,739,521
412	5) Efficiency	B) < 1 yr	DHS	Glenwood	Evaluate Condensate Return System for Vacuum System Replacement	\$ 100,000	The current condensate return system relies on numerous condensate pumps that are prone to failure and backup of condensate, which inhibits the efficiency of the heating system.	Future	406,839,521
413	5) Efficiency	B) < 1 yr	Iowa PBS	6535 Corporate Dr	Install a Fire Alarm System at 6535 Corporate Drive	\$ 120,000	The building at 6535 has a sprinkler system but not a fire alarm system. We would like advice on whether there should be a fire alarm system of some type.	Future	406,959,521
414	5) Efficiency	B) < 1 yr	DHS	Independence	AC Cooling Unit Replacement, Phase 1	\$ 50,000	AC cooling units in several areas are 25+ years old. They operate inefficiently and are very difficult to find parts and repair	Future	407,009,521
415	5) Efficiency	B) < 1 yr	DHS	Independence	Install Elevator in Reynolds bldg. South Wing	\$ 500,000	The south wing has no elevator accessibility without going through occupied areas in the north wing. This creates difficulty for moving furniture and items and limits handicap accessibility in this area. The south wing houses our nursing education program and TCM DHS offices.	Future	407,509,521
416	5) Efficiency	B) < 1 yr	Iowa PBS	6535 Corporate Dr	Convert Interior Lights to LED	\$ 120,000		Future	407,629,521
417	5) Efficiency	B) < 1 yr	Iowa PBS	6450 Corporate Dr	Convert Interior Lights to LED	\$ 300,000		Future	407,929,521
418	5) Efficiency	C) > 1 yr	DHS	CCUSO	Security Updates, Installation of Walk-Through Sally Port Gate and Widening of E/W Yard Gate	\$ 200,000	Add pedestrian sally port. Need a sliding gate between E/W yards. Not wide enough for maintenance equipment to service area. Increased use of main gate for pedestrians map prematurely wear out equipment.	Future	408,129,521
419	5) Efficiency	C) > 1 yr	DOC	Mt. Pleasant	North and West Wing Plumbing Replacement and Remodel/Renovate Restroom & Shower on Living Units of #20 Bldg	\$ 1,800,000	Building currently houses the MLO. Restrooms do not comply with ADA regulations. There is poor exhaust resulting in mold issues. Plumbing mains and vents have failed due to cracking. Plumbing needs to be replaced as well as the renovation to the restrooms. This will include abatement.	Future	409,929,521
420	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Replace Parking Lots 17 and 22	\$ 1,353,165	Provides for design and renovation services to pave existing gravel parking lots, including associated building demolition, add storm water detention as required by Iowa code, parking lot lighting and area landscaping to enhance the appearance and comply with Iowa code. These two parking lots are existing gravel areas to the north of IWD and are on a hillside and vehicles can slide down the hill during icy conditions. These lots have been closed off during icy conditions. Alley ways were replaced in FY19.	Future	411,282,686
421	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Central Energy Plant Boiler Optimization	\$ 457,014	Replace burners for Boiler #3 and add new DDC controls for all 3 boilers optimization.	Future	411,739,699

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
422	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Chilled Water 3-way Valve to 2-way Valve Replacement Campus Wide	\$ 647,478	Replace the chilled water 3 way valves to 2 way valves to allow for the optimization of the chilled water program to improve energy efficiency.	Future	412,387,178
423	5) Efficiency	C) > 1 yr	DOC	Ft Dodge CF	Replace 3 Cooling Towers	\$ 475,000	Install high efficiency cooling towers to reduce energy consumption, water use and maintenance expenses.	Future	412,862,178
424	5) Efficiency	C) > 1 yr	DHS	State Training School - Eldora	Kitchen HVAC and Hood Ventilation	\$ 250,000	Improved food safety/sanitation in food prep areas.	Future	413,112,178
425	5) Efficiency	C) > 1 yr	DHS	Cherokee	Install Elevator in Wirth Hall Building	\$ 715,000	Handicapped access for campus housing rental. Can find alternative locations when handicapped access is required. Cost may be double the request, based on CCUSO elevator cost.	Future	413,827,178
426	5) Efficiency	C) > 1 yr	DHS	Independence	Infirmery Window Replacement	\$ 705,000		Future	414,532,178
427	5) Efficiency	C) > 1 yr	DHS	Independence	Campus-wide Asbestos Abatement	\$ 300,000		Future	414,832,178
428	5) Efficiency	C) > 1 yr	DOC	Clarinda	Kitchen and Storeroom	\$ 15,000,000	Construct new kitchen and storeroom for the DOC. Storeroom has known structural cracking and deficiencies. Kitchen was last redone in 1995 and needs repaired or replaced.	Future	429,832,178
429	5) Efficiency	C) > 1 yr	DHS	State Training School - Eldora	Update Kitchen Cooler/Freezers and Food Storage Areas	\$ 150,000	Kitchen coolers/freezers and food storage areas are in need of renovation and improvement in energy efficiency and are approaching the end of their useful life.	Future	429,982,178
430	5) Efficiency	C) > 1 yr	Iowa PBS	6450 Corporate Dr	Replace Windows at 6450 Corporate Drive	\$ 600,000	Single pane windows are original to the building (1985). New windows would be more energy efficient.	Future	430,582,178
431	5) Efficiency	C) > 1 yr	Iowa PBS	6535 Corporate Dr	Replace Windows at 6535 Corporate Drive	\$ 400,000	Windows are original to the building (1997). New windows would be more energy efficient.	Future	430,982,178
432	5) Efficiency	C) > 1 yr	Terrace Hill	Terrace Hill	Carriage House Parking Lot - Enlarge	\$ 26,354	Additional parking for volunteers when street parking is prohibited	Future	431,008,532
433	5) Efficiency	C) > 1 yr	DOC	Mt. Pleasant	Add A/C to East & West House	\$ 5,000,000	The conditions impact the health and safety of offenders and staff. Ventilation is very poor and humidity is high. We had a ventilation study for the Living units, however it found there was no low-cost option to improve ventilation. AC would be the best option given the only ventilation for the bathrooms comes from operable windows. We have completed the window project on the East side and preparing to complete for the West side, which will make the AC more effective. This would go a long way to control the period mold issues as well as make the living and working environments tolerable, especially for all offenders who have breathing and other health issues.	Future	436,008,532
434	5) Efficiency	C) > 1 yr	DVA	Iowa Veterans Home	IVH storm sewer evaluation	\$ 51,000	The storm sewer needs to be evaluated. There have been multiple occasions when heavy rains come in and the storm sewer backs up and cannot handle the water flow. The storm sewer manholes have to be set back in place. The storm sewer system was sized prior to the building of Dack and Malloy and may be the cause of the problems that are occurring.	Future	436,059,532
435	5) Efficiency	C) > 1 yr	DOC	IMCC	Administration Front Entrance Doors and glass	\$ 100,000	Front entrance to IMCC, the entrance doors and glass windows allow heat in summer and cold in winter to enter the building. This equipment (glass windows and doors) are original with the existing building since 1968. Update for energy efficiency and better security for entrance to our facility.	Future	436,159,532
436	5) Efficiency	C) > 1 yr	DOC	Mt. Pleasant	Storm Water Separation	\$ 500,000	High sewer bills due to storm water being metered	Future	436,659,532
437	5) Efficiency	C) > 1 yr	DOC	IMCC	Window Replacement North Unit	\$ 150,000	Windows are aging on the entire north unit area. Staff that reside in offices are cold in the winter months. Incarcerated Individuals also reside in this building and endure cold air coming in. It would benefit building efficiency if they were replaced on the entire north unit building. Budget needs to be verified.	Future	436,809,532
438	5) Efficiency	C) > 1 yr	DAS	Iowa Labs	Humidity Controls Upgrades	\$ 200,000	Lack of humidity sensors and aging humidity sensors cause excessive running of the AHU's throughout the facility to maintain necessary environmental standards for equipment. We control humidity in each building with one return air sensor. Agency added additional controls to Buildings D and E in FY21.	Future	437,009,532

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
439	5) Efficiency	C) > 1 yr	DAS	Iowa Labs	Light Controls Conversion	\$ 180,000	Light controls are on an antiquated system and we are unable to monitor their usage. Lighting is commonly on when it should not be leading to unnecessary energy costs. We cannot currently trend lighting. New lighting controls could also be tied to HVAC controls to reduce energy usage.	Future	437,189,532
440	5) Efficiency	C) > 1 yr	DAS	Iowa Labs	Domestic Hot Water Heater Improvements	\$ 85,000	We keep 1000 gallons of water at 140 degrees then cool it to 120 degrees to circulate it for domestic water. Due to line lengths water it is difficult to maintain the 120 degree temperature at the required locations.	Future	437,274,532
441	5) Efficiency	C) > 1 yr	Iowa PBS	6450 Corporate Dr	Fire suppression for 6450 Corporate Drive	\$ 425,000	The building has a partial system, but not a complete system. This would add sprinklers to the office and common areas.	Future	437,699,532
442	5) Efficiency	C) > 1 yr	DOC	ASP	Wastewater Inflow and Infiltration Study	\$ 65,500	A study is needed to determine the source of the institutions high wastewater flows. ASP pays the City of Anamosa for wastewater services, and it would be in ASP's best interest to address any I & I concerns.	Future	437,765,032
443	5) Efficiency	C) > 1 yr	DOC	ASP	Living Units LUB, LUC and LUD-3 Air Conditioning	\$ 924,000	Living Units B & C were constructed in the late 1800's and have never been air conditioned. These large cell houses are 4 tiers and 5 tiers tall with 320 cells in each unit. Living Unit D was remodeled in the 1970's but the third floor was not air conditioned. The addition of air conditioning to these units would allow the institution to meet ASHREA standards for air quality in a correctional setting.	Future	438,689,032
444	5) Efficiency	C) > 1 yr	DPS	Post 11	Windows Replacement	\$ 25,000	Major Efficiency Upgrade Needed for this high use facility that has state radio and Post 11 in it. Air infiltration. Windows mechanically beginning to break down. No water infiltration. Need to verify budget.	Future	438,714,032
445	5) Efficiency	C) > 1 yr	DOC	Mt. Pleasant	Laundry Expansion and Upgrade	\$ 250,000	With the increase and planned growth of the I/I populations, the current machines are not able to keep up with demand and we are unable to add additional equipment due to space limitations. The existing doorway is too small to add larger machines.	Future	438,964,032
446	5) Efficiency	C) > 1 yr	DOC	Mt. Pleasant	10 Cell Expansion (Lock up units)	\$ 500,000	With the increase and planned growth, increase in lock up space will be needed. In addition, lock up cells on the living units cannot be used in the summer months due to no air conditioning.	Future	439,464,032
447	5) Efficiency	C) > 1 yr	DHS	WRC	Fiber Optic Cable Replacement	\$ 2,000,000	Costs to be verified. Fiber optic cables throughout campus are outdated and at or near end of life. Cables are run throughout tunnels that will eventually be filled.	Future	441,464,032
448	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Add Steam Usage Monitoring	\$ 250,000	Install system to monitor steam usage at 9 individual buildings throughout campus to better identify utilities savings and mechanical issues. Need to verify budget.	Future	441,714,032
449	6) Demo	A) Now	DAS	Capitol Complex	Fleet Building Demolition	\$ 1,930,000	Preliminary budget estimate pending finalization of communication and high voltage relocations costs. Demolish the vacated Fleet building and return area to greenspace. Does not include costs to complete the original West Capitol Terrace master plan.	Future	443,644,032
450	6) Demo	A) Now	DHS	Independence	Grove Hall Demolition	\$ 200,000		Future	443,844,032
451	6) Demo	A) Now	DOC	Clarinda	Demolition of Hope Hall	\$ 400,000	Abandoned, facility will not allow entry to building due to safety concerns.	Future	444,244,032
452	6) Demo	A) Now	DOC	Clarinda	Demolition of 300,000 Water Tower	\$ 80,000	1920's water tower needs removal.	Future	444,324,032
453	6) Demo	A) Now	DHS	Independence	Hill Top Demolition	\$ 100,000		Future	444,424,032
454	6) Demo	A) Now	DHS	Cherokee	Demolish Wade Building	\$ 500,000	Building is unusable, there are structural concerns with the canopy and it is becoming an attractive nuisance.	Future	444,924,032
455	6) Demo	A) Now	DOC	Newton CF	Demolition of Old Warden's Residential House	\$ 52,000	Rodents continue to infest property causing life safety issue as Iowa Prison Farm program accesses grounds with various out buildings. Extensive mold exists in structure as roof and other water leaks have occurred due to rodent access. House built in the 1960s.	Future	444,976,032
456	6) Demo	A) Now	DHS	Training School - Eldora	Stewart Hall, Cooper Hall and Detention Demolition	\$ 2,500,000	These three buildings located north of the main campus are no longer used and continue to deteriorate. Water, heat, air conditioning and fire alarms have been turned off since 2004. Decentralization will remove the fire hydrants that serve these buildings.	Future	447,476,032
457	6) Demo	A) Now	DHS	State Training School - Eldora	Mansion Demolition	\$ 500,000	11,220 sf, 3 story building is no longer used and continues to deteriorate. The building no longer has water, heat or air conditioning.	Future	447,976,032
458	6) Demo	A) Now	DHS	WRC	Oak Hall Demolition	\$ 500,000	35,000 sf, 3 story building. Abandoned building in disrepair.	Future	448,476,032
459	6) Demo	A) Now	DHS	WRC	Hemlock Building Demolition	\$ 500,000	35,000 sf, 2 story building. Abandoned building in disrepair.	Future	448,976,032

Working Document DRAFT  
Major Maintenance Project Requests

Updated 12/14/22

Unfunded Project Requests

Row #	Priority	Immediacy	Agency	Facility	Project Request Title	Funding Request	Comments	Funding Notes	Running Total
460	6) Demo	A) Now	DHS	WRC	Maple Lodge Demolition	\$ 500,000	34,305 sf, 3 story building. Abandoned building in disrepair.	Future	449,476,032
461	6) Demo	A) Now	DOC	Newton CF	CRC Cistern Demolition	\$ 210,000	Old cistern used to capture fresh rain water prior to updated 1999's infrastructure. Well holds over 75,000 gallons and will require excavator, fill-in and coordination with DNR and other State Agencies. Installation date 1960s.	Future	449,686,032
462	6) Demo	A) Now	DHS	WRC	Old Supply Depot Demolition	\$ 380,000	15,000 sf, 2 story building. Abandoned building in disrepair.	Future	450,066,032
463	6) Demo	A) Now	DAS	Capitol Complex	Demolish IWD Cooling Tower Structure	\$ 100,000	Structure housed old mechanical equipment that is no longer in use.	Future	450,166,032
464	6) Demo	C) > 1 yr	DOC	Mt. Pleasant	Demolition of Training Academy	\$ 250,000	Vacant training academy used for storage. Large building that would take too much money to become ADA compliant. Currently dealing with mold issues as the building is closed up.	Future	450,416,032
465	6) Demo	C) > 1 yr	DHS	State Training School - Eldora	Demolition - Poultry Feed, Canary, Coal Room, Concrete Garage, Root Cellar	\$ 296,000	These buildings serve no function and are beyond repair.	Future	450,712,032
466	6) Demo	C) > 1 yr	DOC	Mt. Pleasant	Demolition of 1102 E. Washington	\$ 10,000	The house is vacant and in poor repair.	Future	450,722,032
467	6) Demo	C) > 1 yr	DHS	Cherokee	Demolish Donahoe Building	\$ 500,000		Future	451,222,032
468	6) Demo	C) > 1 yr	DHS	Glenwood	Building 317 Demolition	\$ 400,000	Utilities have been cut off and building is slowly degrading: built in 1925	Future	451,622,032
469	6) Demo	C) > 1 yr	DHS	Glenwood	Building 119 Demolition	\$ 600,000	Building has been closed other than for storage - numerous problems: built in 1918	Future	452,222,032
470	6) Demo	C) > 1 yr	DHS	Independence	Nurses Cottage Demolition	\$ 500,000	Building serves no function and is beyond repair	Future	452,722,032
471	6) Demo	C) > 1 yr	DOC	IMCC	Old Cooling Tower and Old Boiler Room Equipment Demolition	\$ 250,000	Cooling tower/old boiler room system was replaced in 2005 with a new one. The old cooling tower still sits on the roof of the old boiler room and the old absorber, boilers and other equipment remains sitting idle where it was discontinued. Included is a old heat absorber cooling system which still has the bromine chemical inside. Need to remove this equipment to create usable square footage for the facility. Budget needs to be verified.	Future	452,972,032
472	7) None		DVA	IDVA	No Projects Requested	\$ -		Future	452,972,032
473	7) None		ABD	ABD	No Projects Requested	\$ -		Future	452,972,032
474	7) None		IDB	IDB	No Projects Requested	\$ -		Future	452,972,032

**Total Unfunded Requests: \$ 452,972,032**