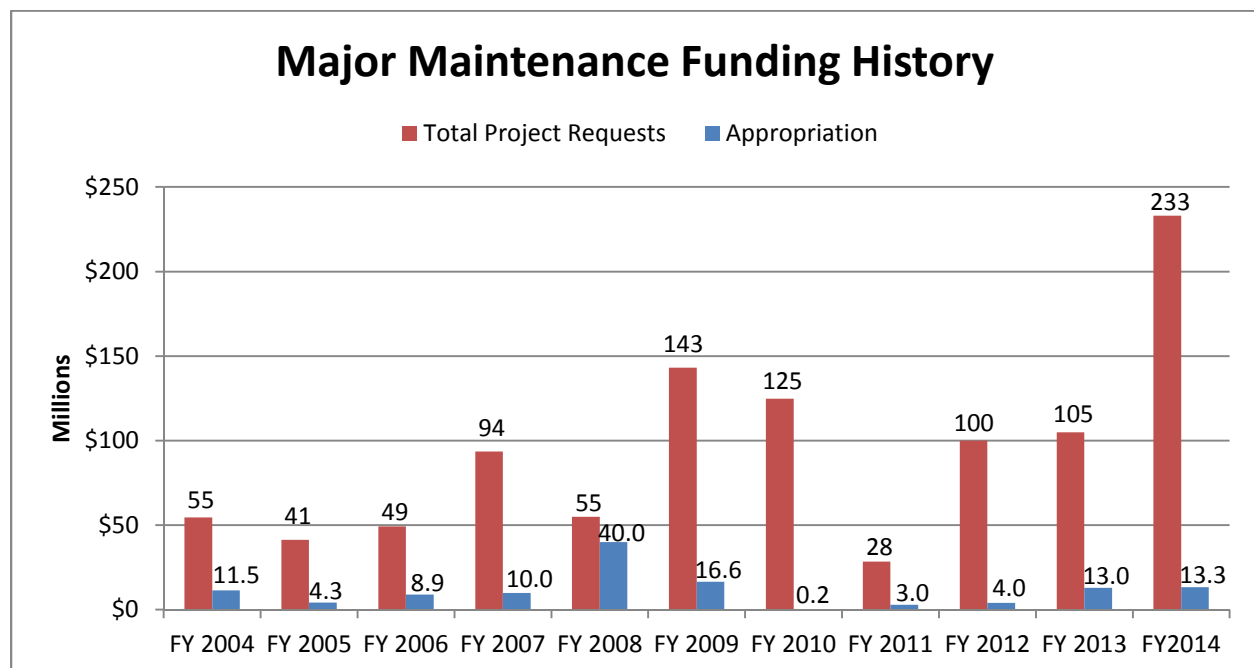


2013 Major and Routine Maintenance Annual Report

The Department of Administrative Services' Vertical Infrastructure Program works collaboratively with member agencies to identify building maintenance projects and establish priorities on an enterprise-wide basis. The 12 state agencies and divisions participating in the Vertical Infrastructure Program of the Department of Administrative Services (DAS) collectively have approximately 900 buildings at more than 70 sites across the state, representing nearly 12 million square feet. This report will outline the major maintenance needs of state facilities and summarize progress made during 2013.

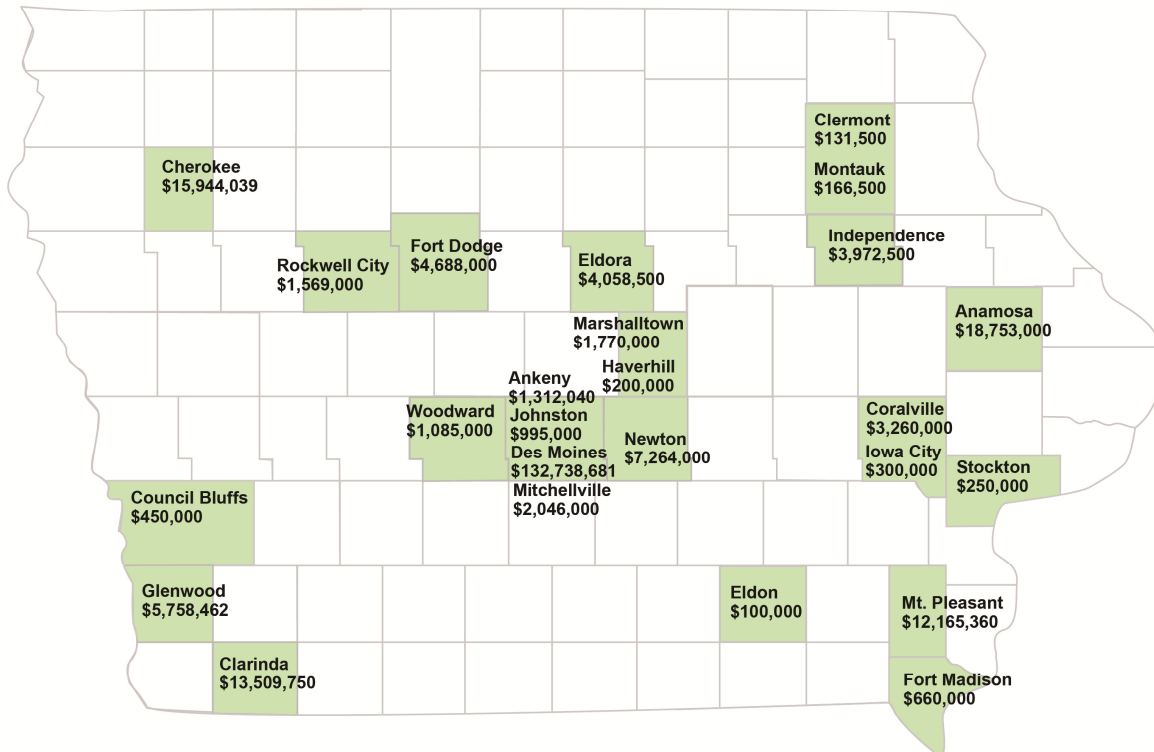
In 2013, more than \$233 million in major maintenance projects were identified at the participating state facilities. \$13.31 million in FY2014 funds and an additional \$2.7 million in FY2013 funds were appropriated to address these projects in 2013, a significant increase from the funding in previous three fiscal years, but less than the Department's request of \$31 million and far short of the identified need. The \$16 million will fund approximately forty projects across the state, but many more projects, such as leaking roofs, crumbling building façades and deteriorating tunnel caps will continue to worsen and will threaten the state's multi-billion dollar investment in its buildings.

The Legislature has already appropriated \$14 million for Major Maintenance in FY2015, and the Department's request for \$16.6 million in additional Major Maintenance funding is the Department's top priority for FY2015. If fully funded, this request would address all existing projects that pose a threat to life/health or safety and nearly all existing projects where exponential damage is occurring, assuming no new emergency projects arose. The Governor's recommendation of an additional \$7 million for FY2015 would address all existing projects that pose a threat to life/health or safety and nearly 60% of the existing projects where exponential damage is occurring.



In 2013, agencies were once again encouraged to submit all projects they knew were in need of major maintenance funding. The Capitol Complex in particular undertook a thorough review of deferred maintenance and identified more than \$125 million of additional major maintenance needs, mainly in the priority 4 scheduled maintenance category, which were added to the list. DAS has encouraged other facilities to undertake a similar review to ensure all scheduled maintenance and operational efficiency projects have been identified and included on the list and expects the total to grow to \$750 million or more when all deferred maintenance is included.

FY2014 Identified Major Maintenance Projects = \$233,147,332



Many State facilities need roof replacements, window replacements and tuckpointing to stop water infiltration and preserve the structural integrity of the facilities. If roofs are not replaced at the end of their useful life, leaks can develop and lead to the need to replace ceilings, finishes and equipment inside buildings in addition to the roof. Antiquated HVAC equipment and failing controls continue to waste money. If boilers are not replaced at the end of their useful life, they can deteriorate and fail unexpectedly, creating the need for costly temporary heating and emergency procurement. Tunnel caps are eroded and in danger of failing, creating potential hazards for pedestrian and vehicle traffic above and threatening the distribution of utilities to buildings. Steam lines are corroded, posing danger to personnel as well as wasting energy and money. Outdated electrical distribution systems are no longer capable of providing adequate power for modern operations. Sidewalks and curbs are crumbling, posing tripping hazards to employees, residents and visitors. Abandoned buildings in need of demolition are continuing to deteriorate and may begin to pose a threat to employees and visitors.

DAS reviewed more than 350 project requests for the \$16 million in new major maintenance funds appropriated in 2013. Projects are reviewed on a quarterly basis and ranked using criteria such as whether there was an immediate threat to life, health or safety, whether damage was currently occurring, the severity and extent of damage, how soon construction could begin and the Department and institution's project ranking. All projects submitted and meeting the definition for major maintenance have been prioritized and funds have been allocated, however more than ***\$233 million in identified projects are still unfunded***. The current list of unfunded major maintenance projects is attached to this report.

Although the deferred maintenance backlog is daunting, the recent increase in Major Maintenance funding has addressed critical needs at institutions across the state:

Department of Administrative Services

- At the Capitol Complex in Des Moines:
 - Completed repairs to the North stairs at the Iowa Workforce Development building. The stairs had allowed moisture to leak onto electrical distribution equipment.
 - Substantially completed demolition of the Iowa Building. Final site work is expected to be completed in spring of 2014.
 - Began design to upgrade security doors at the Hoover, Grimes and Lucas buildings to ensure the building occupants could exit safely in the event of a fire alarm.
 - Substantially completed design for repairs to the Hoover Exterior Walkway, where water damage was deteriorating the structural support. Construction is expected to be completed in 2014.
 - Began evaluating the replacement of the Hoover Building aging switchgear and generators.
 - Completed the design for roof replacements at the Iowa Workforce Development, Jessie Parker and Wallace buildings. Construction is expected to be completed in 2014.
 - Substantially completed design for the conversion of the Capitol Complex security system. Construction is expected to be completed in 2014.
- At the Iowa Laboratories Facility:
 - Completed sound dampening at the firing range. Staff had experienced hearing loss due to the noise level at the range.
 - Began design for the remediation of drainage and repair of a parking lot where the subgrade has been washed out, causing bridging with the potential for collapse.
 - Designed the relocation of the boiler exhaust flue, which currently condenses and has leaked onto lab areas.



Iowa Building Demolition

Department of Corrections

- At the Anamosa State Penitentiary:
 - Completed demolition of the Old Auto Body Shop, which had been shedding exterior bricks into a pedestrian walkway.
 - Increased boiler blowdown piping capacity to serve seasonal emergency flows.

- Replaced the refractory lining of the Boiler #2 stack. The refractory lining inside the boiler #2 stack had degraded to the point that the refractory had fallen off and the wire mesh behind the refractory was exposed.
- Began upgrading the wastewater handling system to avoid further fines from the City of Anamosa (the facility incurred a \$110,000 fine in 2013).
- Began a project to install an ADA accessible route from Infirmary to Visiting. Currently, staff must carry inmates in wheelchairs up the stairs, which poses a safety hazard.
- Began a project to replace the cistern cap, which also serves as a sidewalk, where moisture has damaged the concrete and exposed rebar.
- At the Fort Dodge Correctional Facility:
 - Replaced a sidewalk that posed a trip hazard.
 - Installed a wastewater sampling station and metering to be in compliance with new utility regulations and avoid significant fines.
- At the Iowa Correctional Institution for Women:
 - Completed phase 2 of the facility electrical distribution upgrade.
 - Completed repairs to roof leaks at existing buildings 6B and 9.
 - Construction of new boilers in existing buildings 6 and 9 is nearly complete.
 - Work began to upgrade doors at an existing building to ensure they locked securely and would release in a fire alarm.
- At the Iowa State Penitentiary, completed the transfer of water supply from a dedicated well to city water.
- At the Mount Pleasant Correctional facility:
 - Completed the Power House roof replacement.
 - Completed design for the East and West building roof replacement. Construction is expected to be completed in 2014.
- At the Newton Correctional Facility:
 - Replaced hot water heaters and piping. Sediment had filled the piping and two of the four water heaters were out of services.
 - Began an evaluation of the forced main sewer line. The line continually plugs with air, which requires temporary water use restrictions at the facility.
 - Began design for the replacement for the Living Unit E roof.
 - Began design for the replacement of the CRC administration roof and rooftop air conditioning unit.
- At the North Central Correctional Facility, completed design for the replacement for six leaking roofs. Construction is expected to be completed in 2014.



Newton Water Heater Piping

Department of Cultural Affairs

- At the Matthew Edel Blacksmith Shop House, repaired the roof.
- At the Western Historic Trails Center, completed emergency repairs to the roof parapet and prepared cost analysis for future replacement options.

Department of Human Services

- At the Cherokee Mental Health Institute:
 - Replaced instantaneous water heaters that were obsolete and continually failing.
 - Completed design to replace existing steam piping that was not rated for the high pressure steam needed for the clothes dryers. The dryers were obsolete and it was difficult to source replacement parts, so gas dryers will replace the existing dryers and a gas line will replace the steam line. Construction is expected to start in 2014.
 - Construction is underway to replace flooring in patient areas that posed infection control issues and trip hazards.
 - Completed design for tuckpointing the main building. Construction is expected to start spring 2014.
 - Completed design for replacing roofs at the Ginzberg and Voldeng buildings. Construction is expected to start spring 2014.
- At the Clarinda Mental Health Institute:
 - Construction to replace windows with safety glass is underway. The window glass shattered into long, sharp shards and could have been used to harm patients or staff.
 - Completed waterproofing and tunnel cap replacement for tunnel sections from the Lodge to the Main building and from the Main building to Southview. The tunnel caps were becoming structurally deficient and allowed significant water infiltration.
 - Began work to replace the fire detection alarm system. A recent inspection found many deficiencies in the existing system.
- At the Glenwood Resource Center:
 - Completed tuckpointing building 115 to stop water infiltration, which had resulted in bricks falling out of the façade and exposed rebar in the basement ceiling, as well as the temporary relocation of the building occupants.
 - Replaced the air handling unit and controls in the hydrotherapy pool building, where high humidity and chlorine levels were degrading the ceiling and brick walls.
 - Repaired a section of tunnel cap and walls because the cap was cracking and rebar was exposed.
 - Awarded contract to repair the Building 102 stairwell tower where settling has caused stair tower to separate from building, creating structural issues as well as damage due to the exposure to exterior conditions.
 - Bid out emergency remediation of sinkhole caused by the collapse of an abandoned utility tunnel.
- At the Independence Mental Health Institute, began work on replacement of the campus wide fire alarm system. The current system was antiquated and firewatch was required campus-wide whenever the system malfunctioned, resulting in substantial overtime costs.

*Glenwood Stair Tower*

- At the State Training School in Eldora:
 - Completed the addition of fire escapes for living units, along with adjacent site work (sidewalks, ADA accessibility, and site grading).
 - Fire alarm panel replacements are underway in the four living units.
- At the Woodward Resource Center:
 - Replaced an eroded tunnel cap that also served as the main stairs into Westwood.
 - Completed repairs to the exterior walls and roof of the water plant. Exterior walls were coated and new roof and structure were installed along with new gutters and downspouts.
 - Design work has also begun to replace two chillers, address fire hydrant water pressure issues and upgrade an inadequate domestic water heating control system for the cottages.
 - Installed a new water line loop for the west half of the Resource Center to address fire hydrant water pressure issues. Design is underway for a new water line loop for the east half to address similar concerns.
 - Replaced the Westwood building chiller. The chiller had required frequent repairs and ultimately failed completely, requiring emergency replacement.
 - Upgrade of the domestic water heating control system for the cottages is nearly complete.

Department of Public Safety

- Replaced a non-functioning fire alarm system at Post 4.
- Nearly completed remediation of drainage issues at Post 1 that had created an ice patch near the building during winter months.
- Completed design to replace the main driveway at Post 2. Construction is expected to be complete in mid-2014.
- Completed design to replace the malfunctioning furnace and air conditioning system at the Fleet and Supply building. Construction is expected to be complete in 2014.
- Began design to remediate drainage issues at Post 12 that have created interior mold issues.

Iowa Law Enforcement Academy

- Repaired an unsafe elevator.
- Replaced doors that were no longer locking securely.

Iowa Public Television

- Added air vents to ensure the chiller works correctly in the winter.
- Completed design for repairs to a sidewalk to eliminate trip hazards. Construction is expected to be complete in 2014.

Iowa Veterans Home

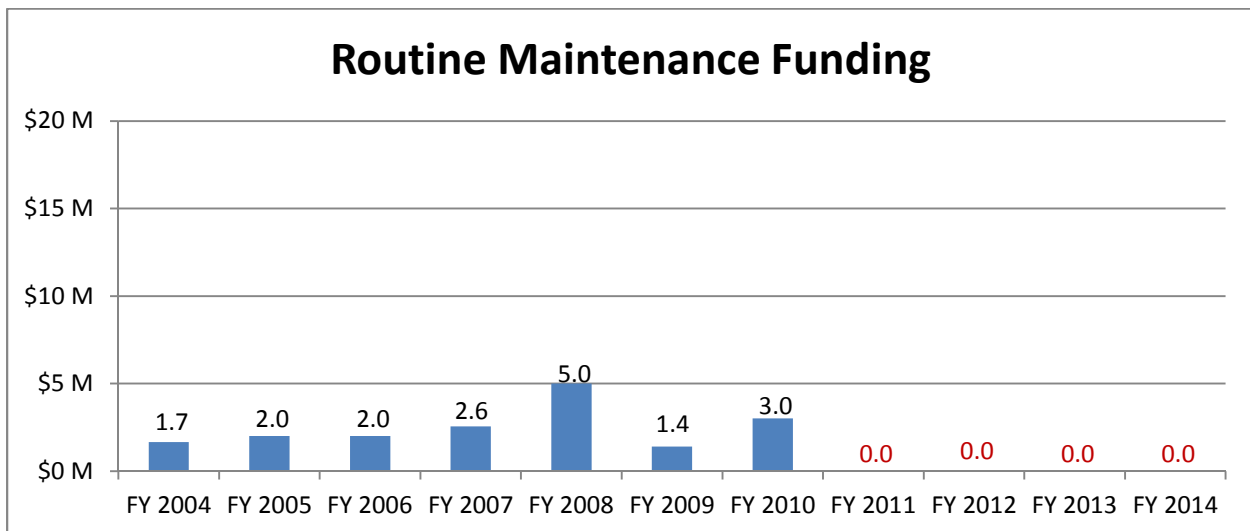
- Completed replacement of the ADA ramp at the Whitehill Auditorium.

Terrace Hill

- Replaced a malfunctioning security gate arm.

Routine maintenance funding is essential for the regular care and upkeep of buildings and equipment. Delaying or deferring routine maintenance work substantially increases the expense and the need for major maintenance. For example, if routine tuckpointing is not done, moisture infiltration widens the scope of tuckpointing needed and many times leads to replacement of drywall and potential mold issues.

Iowa code requires agencies to include the proposed costs for annual routine and preventive maintenance in their five-year capital budget requests. The costs are required to be based on an industry standard of one percent of the estimated replacement cost of the department's facilities. In the past, DAS has estimated this to be \$20 million annually. No funds have been appropriated for routine maintenance since FY2010, compared to appropriations ranging from \$1.6 million to \$5 million in the past. Due to the lack of funding, agencies have had to reallocate operational funds or, more likely, delay regular maintenance work, which has contributed to the rise in major maintenance project requests. The chart below illustrates routine maintenance funding levels (in millions of dollars) compared to the requested \$20 million:



	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
1	1) L/H/S	A) Now	DOC	ICIW	Demolish Tunnel/Replace Water Line to Unit 6	\$ 2,000,000	The tunnel at ICIW is collapsing and unsafe. Numerous areas are blocked off due to being unsafe to even walk on. Water line to unit 6 is in this tunnel and also needs to be replaced. Cannot be worked on until current construction is complete, likely early 2015.	2,000,000
2	2) Damage	A) Now	DHS	Glenwood	Meyer Hall Roof Replacement	\$ 320,000	Roof is in poor shape. Many seams are coming apart. There is very little relief on the roof itself (only two roof drains and two overflows). They have had the acoustical ceiling on the top floor removed since it was always wet with leaks. This combines two prior separate requests for the Meyer School and Auditorium/Gym, since they are all one connected building and roofs are the same age.	2,320,000
3	2) Damage	A) Now	DHS	Glenwood	Plumbing Upgrade in 710 Lacey Hall.	\$ 979,653	Split into phases. Pipes require a lot of patching and repair, this is a high use building.	3,299,653
4	2) Damage	A) Now	DHS	WRC	Demolish hot well house	\$ 165,000	Roof failing, façade shedding bricks; houses entry to main tunnel system. Project is to demolish the structure and pour a cap.	3,464,653
5	2) Damage	A) Now	DOC	ASP	Replace tunnel cap	\$ 100,000	Replace the concrete top caps on the tunnel that runs for 40 - 50 ft in front of Living Unit B & D that has deteriorated to the point that the rebar in the concrete is showing. With most of the rebar showing there is not much support left in the caps.	3,564,653
6	2) Damage	A) Now	DHS	Clarinda MHI	Replace roof covering on the Engine room Main building using metal roofing material.	\$ 85,000	Composite shingle failure with leaks into the building interior causing damage.	3,649,653
7	2) Damage	A) Now	DOC	ASP	Tuckpointing priorities 1	\$ 400,000	Repoint or seal all mortar joints in the turrets, chimneys, parapets and water tables. Insect and flashing and sealants and make repairs as needed.	4,049,653
8	2) Damage	A) Now	DVA	Iowa Veterans Home	Tunnel top Replacement	\$ 250,000	The concrete tunnel tops are breaking down allowing water infiltration. Needs additional evaluation to finalize budget.	4,299,653
9	2) Damage	A) Now	DCA	Montauk	Guttering system and re-pointing	\$ 66,500	Gutters are spilling over and causing water damage.	4,366,153
10	2) Damage	A) Now	DOC	Mt. Pleasant	Window Replacement - East & Gym	\$ 750,000	Frames are rusting through. Leaking occurs. Single glass pane windows with cracks. Contains lead paint.	5,116,153
11	2) Damage	A) Now	DOC	Mt. Pleasant	Tunnel Tops	\$ 50,000	Tunnel tops are rapidly 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.	5,166,153
12	2) Damage	A) Now	DCA	Montauk	Montauk Septic Replacement	\$ 100,000	No current citation. However, both systems are not in compliance with requirements of Chapter 69. Continued use of the systems under current wastewater loads is not recommended because of the uncertainty of their condition and treatment effectiveness. Fayette County could require the upgrade of the systems if a notice of violation is issued. If the wastewater contribution to the existing system is increased it may cause the systems to fail and cause a surface discharge or a backup into the structure.	5,266,153
13	2) Damage	A) Now	DOC	Mt. Pleasant	Storm Water Separation	\$ 350,000	Does not meet city compliance. Significant fines effective in year 2014. Will require engineering. High sewer bills due to storm water going thru sewer meter.	5,616,153
14	2) Damage	A) Now	DHS	Glenwood	Add and Replace Steam Expansion Joints in Tunnel	\$ 200,000	Evaluate the number of expansion joints, anchors and pipe guides required to update and replace the current expansion joints on the 6" and 10" lines in the utility tunnels. The current expansion joints are no longer supported and the proper packing is no longer available. There needs to be additional expansion joints added to eliminate the deflection of the current piping. These steam leaks affect the integrity of the tunnel, increase energy cost in lost steam, and creates a safety hazard for the staff working in the tunnel.	5,816,153

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
15	2) Damage	A) Now	DHS	Glenwood	Tuckpointing in Lacey Complex	\$ 370,000	Bricks falling off the façade.	6,186,153
16	2) Damage	A) Now	DHS	Mt. Pleasant	Replacing Cooling units/AC for MHI gym	\$ 250,000	The hospital falls under the regulations of CMS. The gym is the only large area in which clients/patients can gather. Recreation is critical to treatment and the gym is an key in recreation. This also is used for sharing state changes/information with the community regarding the facility in Mt. Pleasant.	6,436,153
17	2) Damage	A) Now	DHS	Glenwood	Tuckpointing in Building 120 Phase I	\$ 660,000		7,096,153
18	2) Damage	A) Now	DOC	ICIW	Replace Pharmacy Windows	\$ 20,000	Building interior was remodeled recently, but several of the windows leak severely in driving rains. 12 windows in total.	7,116,153
19	2) Damage	B) <1 yr	DOC	Mt. Pleasant	Northcore Air Conditioning Unit	\$ 150,000	System is partially functioning. Prone to refrigerant leaking. Equipment is 20+ years old. May not last this cooling season. There is an increase urgency on this AC unit. We have had increasing issues with its operation. Replacement is ever more critical. Twice this summer it stopped working. All new radio equipment will be on 5th floor with AC. Should the AC fail it could have serious impact on the functionality	7,266,153
20	2) Damage	B) <1 yr	DHS	Cherokee	Replace Water Softeners	\$ 120,000	Water softeners are approx. ten years old and becoming very problematic because the inside of the cast iron regeneration controls is rotting away. They experience malfunctions due to diaphragm rupture from rust cutting them during re-generation. Also rust travels thru the controls and hangs up the control shutting off the water flow period. This issue is even more serious if this occurs during the night when the power house is not staffed. Ultimately this cuts off the flow of domestic hot water campus wide and boiler make-up water which eventually shuts the boiler down on low water alarm. Then someone has to be called in to repair or by-pass them until repairs can be made.	7,386,153
21	2) Damage	B) <1 yr	DCA	American Gothic/Eldon	Additional building envelope repairs	\$ 100,000		7,486,153
22	2) Damage	B) <1 yr	DCA	Matthew Edel Blacksmith Shop House	Building envelope repairs	\$ 200,000		7,686,153
23	2) Damage	B) <1 yr	DOC	Mt. Pleasant	Ventilation for East & West Housing	\$ 250,000	Zero ventilation of air for the living units. Institution is not air conditioned so there are periodic mold issues.	7,936,153
24	2) Damage	B) <1 yr	DHS	Clarinda MHI	Tuck pointing main building	\$ 2,669,450	Can be done in stages as before. 1/4 completed 2009, 3/4 remains	10,605,603
25	2) Damage	B) <1 yr	DOC	IMCC	Tuckpointing R/S Housing Unit - North & South Walls	\$ 25,000	To fix worst areas. Majority of damage is around windows.	10,630,603
26	2) Damage	B) <1 yr	DOC	IMCC	Tuckpointing R/S Housing Unit - West Wall	\$ 25,000	To fix worst areas. Majority of damage is around windows.	10,655,603
27	2) Damage	B) <1 yr	DOC	Ft Dodge CF	Replace H Building Roof	\$ 650,000	(64,709sq.ft.)	11,305,603
28	2) Damage	B) <1 yr	DOC	Ft Dodge CF	Replace Unit A Roof	\$ 128,000	16 yrs. old – 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. (12,205 sq.ft.)	11,433,603
29	2) Damage	B) <1 yr	DOC	IMCC	Roof Replacement – North Addition Upper Level	\$ 785,000	Patched multiple times. Membrane is pulling away at corners.	12,218,603
30	2) Damage	B) <1 yr	DOC	Mt. Pleasant	Elevator C	\$ 220,000	Door tracking system is extremely worn. Has been retro fitted. Car is past life expectancy. Does not have phase one fire recall. Schumacher has said it is now critical.	12,438,603
31	2) Damage	B) <1 yr	DOC	Clarinda DOC	Plaster ceiling in Kitchen replacement	\$ 125,000	Safety of staff, offenders, unsanitary, demo out plaster and install new metal ceiling.	12,563,603
32	2) Damage	B) <1 yr	DOC	Ft Dodge CF	Replace Cedar Unit Roof	\$ 300,000	16 yrs. old – 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. (29,296 sq.ft.)	12,863,603

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
33	2) Damage	B) <1 yr	DOC	Ft Dodge CF	Replace Boone Unit Roof	\$ 300,000	16 yrs. old – 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. (29,296 sq. ft.)	13,163,603
34	2) Damage	B) <1 yr	DOC	IMCC	Roof Replacement – North Link	\$ 125,000	Leaks.	13,288,603
35	2) Damage	B) <1 yr	DOC	Ft Dodge CF	Replace Floyd Unit Roof	\$ 310,000	16 yrs. old – 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. (30,563 sq.ft.)	13,598,603
36	2) Damage	B) <1 yr	DOC	Newton CF	CRC - Training Center Roof Replacement	\$ 87,000		13,685,603
37	2) Damage	B) <1 yr	DCA	WHTC	WHTC Roof Replacement and interior repair	\$ 450,000	Previous MM project installed a temporary fix to get the facility through the winter months and evaluated options to correct the issues. New funding is needed to correct the issues. As of 3/13 the temporary fix was holding and it was not currently leaking.	14,135,603
38	2) Damage	B) <1 yr	DOC	IMCC	Roof Replacement – North Addition Lower Level	\$ 785,000	Patched multiple times. Membrane is pulling away at corners. Leaks currently.	14,920,603
39	2) Damage	B) <1 yr	Terrace Hill	Terrace Hill	Storm windows	\$ 350,000	Existing storm windows are falling apart allowing water infiltration/rotting of sills and windows	15,270,603
40	2) Damage	B) <1 yr	DHS	Cherokee	Waterproof top of Voldeng & Ginzberg tunnels	\$ 517,500	Both are pedestrian walkways inside and Voldeng tunnel is also a fire escape.	15,788,103
41	2) Damage	B) <1 yr	IPTV	6450 Corporate Dr	repair roof	\$ 65,000	To prevent ice damming on a rubber membrane roof; four openings	15,853,103
42	2) Damage	B) <1 yr	DOC	Clarinda DOC	Security system, door control and monitoring electronic system replacement	\$ 600,000	1995 system in use a not supported by the manufacturer. 17 year old computer system and operation system that needs updated for support. When system fails, the public, staff and offenders are at greater risk.	16,453,103
43	2) Damage	B) <1 yr	DHS	Independence	Reynolds Masonry Repair --- Phase 3B	\$ 200,000		16,653,103
44	2) Damage	C) > 1 yr	DHS	Cherokee	Tuck pointing Phase 2.2	\$ 360,000	Finish north side of main building.	17,013,103
45	2) Damage	C) > 1 yr	DOC	ASP	Tuckpointing priorities 2 & 3	\$ 100,000	2. Reseal all mortar joints and cracks on the walkways on top of stonewalls.\$50,000. 3. Repair stone masonry and install new coping to the top of stonewall on the southwest corner of the south wall. \$40,000.	17,113,103
46	2) Damage	C) > 1 yr	DOC	Mt. Pleasant	Elevator D	\$ 220,000	Car is past life expectancy. Tracks are worn. Does not have phase one fire recall.	17,333,103
47	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Tunnel repairs and replacement - sections A to D (HR Green study)	\$ 1,120,800	Tunnel system provides major utilities (steam, water, fiber, telephone, fire alarms). Tunnel failure would cause catastrophic damage to these systems.	18,453,903
48	2) Damage	C) > 1 yr	DVA	Iowa Veterans Home	Sanitary Sewer Line Replacement	\$ 310,000	IVH has repaired two recent sewer line breaks. 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.	18,763,903
49	2) Damage	C) > 1 yr	DHS	Glenwood	Tuck pointing in Building 120 Phase II	\$ 330,000		19,093,903
50	2) Damage	C) > 1 yr	DHS	Glenwood	Tuck pointing in Buildings 102	\$ 280,000	Bricks are falling off the façade.	19,373,903
51	2) Damage	C) > 1 yr	DHS	Glenwood	Tuck pointing in Buildings 110	\$ 85,000		19,458,903
52	2) Damage	C) > 1 yr	DHS	WRC	Tunnel cap at Supply Building	\$ 150,000	Below existing truck service road	19,608,903
53	2) Damage	C) > 1 yr	DOC	North Central CF	Repair of Tunnel	\$ 600,000	There is quite a bit of damage over the years , but repair of side walls will reinforce the utility lines for the operations. There is also absectos in on through out tunnel area.	20,208,903

	Priority	Immedia cy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
54	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Tunnel Top Sealing	\$ 25,000	Seal top of tunnel system to prevent water infiltration and further deterioration	20,233,903
55	2) Damage	C) > 1 yr	DHS	Cherokee	Tuck pointing Phase 2.3	\$ 360,000	Finish south side of main building.	20,593,903
56	2) Damage	C) > 1 yr	DHS	WRC	Tuck Point various buildings	\$ 80,000	Westwood and larches and other areas	20,673,903
57	2) Damage	C) > 1 yr	DOC	Newton CF	Tuckpoint Old Bunkhouse Bldg. (CRC)	\$ 60,000		20,733,903
58	2) Damage	C) > 1 yr	DOC	ASP	Tuckpointing priorities 4, 5 & 6	\$ 1,080,000	4. Repoint the defective mortar joints on the Administration Building. \$90,000. 5. Repoint all mortar joints on the top half of stonewalls, tuckpoint only the defective mortar joint on the bottom half of the stonewalls. \$900,000 6. Repoint all mortar joints 100% on the west wall on the school / store room / living unit E. \$90,000.	21,813,903
59	2) Damage	C) > 1 yr	DOC	Newton CF	Replace roofs on Bldg 10 (Training Center)	\$ 15,000		21,828,903
60	2) Damage	C) > 1 yr	DOC	ASP	Tuckpointing priorities 7, 8 & 9	\$ 800,000	7. Secure the bulging stone on west wall of the old kitchen-dinning hall and repoint all mortar joints 100% on the entire building. \$220,000 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. \$ 60,000 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. \$520,000	22,628,903
61	2) Damage	C) > 1 yr	DOC	ASP	Tuckpoint priorities 10 & 11	\$ 825,000	10. Repoint defective mortar on the south wall of Living Unit B and D. \$375,000 11. Repoint the defective mortar joints as needed on the Sign Shop, Commissary, Gymnasium, Maintenance Shop and Deputy's Office. \$450,000	23,453,903
62	2) Damage	C) > 1 yr	IPTV	6450 Corporate Dr	Re-caulk joints between concrete panels for the entire building	\$ 40,000	Roofing contractor advised IPTV to re-caulk the joints because cracks in the caulk may be the cause of water leaks. Upon visual inspection the caulking looks like it needs to be replaced. Caulking was last done prior to 1999 (we think 1996)	23,493,903
63	2) Damage	C) > 1 yr	Terrace Hill	Terrace Hill	East Porch Newel Post and Spindle Repair	\$ 42,000	Rotting out supports; new foundation for posts (heaving)	23,535,903
64	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Kitchen Tuck pointing	\$ 75,000	Building exteriors is in critical need of tuck pointing repairs	23,610,903
65	2) Damage	C) > 1 yr	DHS	Glenwood	Replace Administration Building Roof	\$ 175,000	Leak has been repaired, but the material is breaking down and is not bonded in place. Drainage issues. New estimate Aug 2012. Estimate does not include A & E, PM or CM costs.	23,785,903
66	2) Damage	C) > 1 yr	DHS	Glenwood	Tuck pointing in Building 116	\$ 40,000		23,825,903
67	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Tunnel repairs and replacement - sections E to J (HR Green study)	\$ 957,200	Tunnel system provides major utilities (steam, water, fiber, telephone, fire alarms). Tunnel failure would cause catastrophic damage to these systems.	24,783,103
68	2) Damage	C) > 1 yr	DHS	Glenwood	Tuck pointing in Building 119	\$ 180,000	Need to address water infiltration in one section but rest of bldg can be left.	24,963,103
69	2) Damage	C) > 1 yr	DHS	State Training School - Eldora	Tunnel repairs and replacement - sections K to N (HR Green study)	\$ 1,152,500	Tunnel system provides major utilities (steam, water, fiber, telephone, fire alarms). Tunnel failure would cause catastrophic damage to these systems.	26,115,603

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
70	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Grove Unit Roof	\$ 300,000	16 yrs. old – 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. (29,296 sq.ft.)	26,415,603
71	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Power Plant Roof	\$ 110,000	16 yrs. old – 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. (10,392 sq.ft.)	26,525,603
72	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Warehouse Roof	\$ 90,000	16 yrs. old – 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. (8,756 sq. ft.)	26,615,603
73	2) Damage	C) > 1 yr	DOC	Mt. Pleasant	Window Replacement - West	\$ 700,000	Frames are rusting through. Leaking occurs. Single glass pane windows with cracks. Contains lead paint.	27,315,603
74	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Administration Roof	\$ 80,000	16 yrs. old – 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. (7,700 sq.ft.)	27,395,603
75	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Education Roof	\$ 200,000	14 yrs. old - skylight flashing continues to leak into building - ongoing repairs as leaks develop. (19,399 sq.ft.)	27,595,603
76	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Emmet Unit Roof	\$ 270,000	14 yrs. old (26,480 sq.ft.)	27,865,603
77	2) Damage	C) > 1 yr	DOC	Ft Dodge CF	Replace Dolliver Unit Roof	\$ 270,000	14 yrs. old (26,480 sq.ft.)	28,135,603
78	2) Damage	C) > 1 yr	DAS	Capitol Complex	Repair Existing Pedestrian Tunnel between Lucas and the Capitol	\$ 6,527,483	To water proof the existing tunnel and to bring it up to all Building and Fire Codes.	34,663,086
79	2) Damage	C) > 1 yr	DAS	Capitol Complex	Repair Historical Building Exterior Walls	\$ 1,874,000	Repair the exterior granite stone façade.	36,537,086
80	3) ADA	A) Now	DCA	Centennial Building, Iowa City	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.	36,837,086
81	3) ADA	A) Now	DHS	CCUSO	ADA compliant restrooms for S1 and S2 wards	\$ 250,000	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.	37,087,086
82	3) ADA	A) Now	DHS	Cherokee	Voldeng Building Elevator and Lobby Area Remodel	\$ 750,000	Improvements to accommodate ADA	37,837,086
83	3) ADA	A) Now	DOC	ASP	Access to School and Library	\$ 98,000	Cannot achieve Correctional Education Accreditation until this is addressed, but can provide services through other means.	37,935,086
84	3) ADA	B) <1 yr	DOC	North Central CF	Education Bldg. Ramp ADA	\$ 6,000	Access to the Education bldg for disable persons / HS	37,941,086
85	3) ADA	C) > 1 yr	DOC	North Central CF	Replace Non-Standard Walks ADA	\$ 60,000	Widing of current main sidewalk on inside perimeter	38,001,086
86	3) ADA	C) > 1 yr	DHS	Mt. Pleasant	Remodel/Renovate restroom & shower facilities on 4 living units of #20 bldg	\$ 1,645,360	Bathrooms do not comply with ADA regulations. Poor exhaust resulting in mold issues. Safety concerns with different type of floor surfaces causing slick floors.	39,646,446
87	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Lucas Building Elevators 1,2,3,4 & 5	\$ 1,827,840	All of Elevator equipment is original equipment. The Lucas Building had 56 service calls for not being in operation with 4 entrapment calls.	41,474,286
88	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Hoover Building Elevators	\$ 2,031,430	All of Elevator equipment is original equipment. The Hoover elevators had 38 service calls for not being in operation in the last two years and 12 service calls for people being entrapped.	43,505,716
89	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Hoover Building Primary Electrical Switchgear	\$ 1,953,318	The electrical switchgear in Hoover is over 35 years old and needs to be replaced before it becomes an emergency. The East end of this switchgear is already shut down due to the coils in the transformer delaminating, so the emergency tie breaker was closed so the West end of the switchgear could energize the East Breakers in the switchgear.	45,459,034

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90	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Grimes Penthouse Roof	\$ 128,000	The penthouse roof is past its life expectancy, the membrane is shrinking and the loose ballast has been eroded and is being blown off the roof. Underside of roof deck coated with a spray-on fire proofing that contains asbestos.	45,587,034
91	4) Scheduled	A) Now	DPS	Post 12	New HVAC & Controls	\$ 250,000	Equipment is at the limit of its usable lifetime, has never worked properly. Annual maintenance cost is increasing rapidly.	45,837,034
92	4) Scheduled	A) Now	DAS	Capitol Complex	Jessie Parker Building, Sections E, F, G, H Roof Replacement	\$ 565,000	The roofing membrane on all of these section has shrunk and has pulled away from the parapet walls, and starting to pull the parapet walls in ward. Penthouses need tuck pointing and sealed, along with the exterior perimeter walls below the roof coping.	46,402,034
93	4) Scheduled	A) Now	IPTV	6535 Corporate Dr	Replace roof top unit at 6535	\$ 60,000	We have four roof top units at 6535. They are over 15 years old. We need to start replacing them. This is a request to replace one of the four.	46,462,034
94	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Lucas Building Roof	\$ 648,960	The Lucas Building's roofs are 14 years old. These roofs are a Fully Adhered TPO Reinforced Membrane System. The Main section of this roof has had a lot of wind damage over the years, so they have installed 24" X 24" concrete pavers over the entire roof on 6 foot centers as ballast. This roof system has had a few leaks.	47,110,994
95	4) Scheduled	A) Now	DAS	Capitol Complex	Jessie Parker HVAC Renovations	\$ 8,331,892	Replace AHU, connect cooling coils to the Central Energy Plant chilled water loop, duct work, VAV and direct digital controls. All existing equipment is past its life expectancy.	55,442,886
96	4) Scheduled	A) Now	DAS	Capitol Complex	IWD HVAC Renovations	\$ 8,027,590	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 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 abated just to work on or replace this equipment.	63,470,476
97	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Condensate tanks	\$ 368,665	Condensate tanks in the tunnel at Wallace and the Capitol	63,839,141
98	4) Scheduled	A) Now	DAS	Iowa Labs	Cooler Modification	\$ 60,000	Replace cooler flooring as it has buckled and relocate condensing units to the exterior of the building for easier maintenance. The metal floor is icing up and makes it slick to walk across.	63,899,141
99	4) Scheduled	A) Now	DCA	Montauk, Clermont,	Barn Roof replacement	\$ 68,000	This roof was identified in 2008 facilty study as in poor condition. It is a wood shingled roof that has had some patch repairs in the past year but the roof continues to deteriorate.	63,967,141
100	4) Scheduled	A) Now	DOC	Ft Dodge CF	Fire Panel Upgrade	\$ 150,000	Replace obsolete system	64,117,141
101	4) Scheduled	A) Now	DOC	ICIW	Replace Unit 9 Control Centers' Heat Pumps	14,000	Replace heat pumps in both control center	64,131,141
102	4) Scheduled	A) Now	DOC	ICIW	Renovate Segregation Unit HVAC system	12,000	Air handling system needs to be balanced and the unit control center needs a separate heat pump so if chemicals are discharged it does not enter the control center. System condensates and dumps water on the floor.	64,143,141
103	4) Scheduled	A) Now	DOC	IMCC	New Boiler	\$ 750,000	IMCC currently has 3 Vapor Power Boilers which are undersized during winter months. If 1 of the existing 3 boilers are inoperable then the facility cannot meet the system requirements. If system requirements cannot be met, it will affect systems such as hot water, heat, and dietary operations. Results could be health, life and safety of offenders, staff and public. Add 500 hp fire tube boiler programmed with Siemens controls apogee system - building addition may be necessary to house new boiler.	64,893,141
104	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.	64,988,141

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
105	4) Scheduled	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 at least \$15,000.	65,046,141
106	4) Scheduled	A) Now	DHS	Mt. Pleasant	Repair parking lot	\$ 65,000	The lot is in very poor repair. Could be done in conjunction with future road repair.	65,111,141
107	4) Scheduled	A) Now	DPS	Pleasant	Repave parking lot	\$ 90,000	Rock/tar lot last resurfaced in 1999	65,201,141
108	4) Scheduled	A) Now	DAS	Capitol Complex	Grimes Building HVAC Updates	\$ 7,385,897	This includes new cooling coils, VAV boxes with hot water reheat coils, dampers, drain pan liners in the both AHU, damper operators and DDC Controls. Equipment is original to building (1969), temperatures are difficult to control. The condition of the leaking coils could lead to a health problem for the building occupants. Needs to be a capital request.	72,587,038
109	4) Scheduled	A) Now	DAS	Capitol Complex	Lucas Building Cooling Coil Replacement	\$ 568,328	This includes new cooling coils and removal of the existing steam reheat coils that were installed behind the existing cooling coils in both AHU 1 & 2. 2 coils are broken and 2 have questionable flow. Difficult to maintain cooling in summer heat.	73,155,366
110	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Hoover emergency generators and emergency switchgear	\$ 1,310,600	All equipment is original to the building (1978) and is critical to backup the state data center. There's been trouble with one of the transfer switches in the emergency switchgear in the past and water has leaked into the room over time, creating a corrosive environment (that has recently been repaired).	74,465,966
111	4) Scheduled	A) Now	DHS	WRC	Larches chillers replacement	\$ 250,000	2 ea - 80 ton & 65 ton	74,715,966
112	4) Scheduled	A) Now	DHS	CCUSO	Security updates and installation of walk-through sally port gate	\$ 195,500		74,911,466
113	4) Scheduled	A) Now	DVA	Iowa Veterans Home	Sidewalk and Concrete Repairs	\$ 200,000	Replace sidewalks and concrete areas that are deteriorating and/or difficult for residents to navigate with wheel chairs.	75,111,466
114	4) Scheduled	A) Now	Terrace Hill	Terrace Hill	Elevator repair	\$ 35,000	New controller	75,146,466
115	4) Scheduled	A) Now	DCA	Union Sunday School/Clermont	Roof and Tuck Pointing	\$ 31,500		75,177,966
116	4) Scheduled	A) Now	DCA	Clermont Museum	Clermont Museum Repairs	\$ 32,000		75,209,966
117	4) Scheduled	A) Now	DAS	Capitol Complex	Repair or replace streets, curbs, sidewalks on the Complex	\$ 276,800		75,486,766
118	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Controls At The Historical Building With Direct Digital Controls	\$ 1,727,680	System is failing	77,214,446
119	4) Scheduled	A) Now	DAS	Capitol Complex	Finish full restoration of Soldiers & Sailors Monument	\$ 260,000		77,474,446
120	4) Scheduled	A) Now	DOC	North Central CF	Replace Water Softeners	\$ 100,000	The water is very hard and continues to damage equipment. Requires 12 bags/ day.	77,574,446
121	4) Scheduled	A) Now	DHS	WRC	Grandwood chiller replacement	\$ 130,000	1 ea - 120 ton	77,704,446
122	4) Scheduled	A) Now	DOC	ASP	Replace Cell Locking System for Living Unit B and D-3	\$ 3,000,000	Will pursue a capital request.	80,704,446
123	4) Scheduled	A) Now	DOC	Mt. Pleasant	Spill Containment for diesel tank	\$ 75,000	Proper spill containment needed for 70,000 gallon diesel tank. Current have a soil and grass berm. Fire Marshal warning.	80,779,446
124	4) Scheduled	A) Now	DAS	Capitol Complex	Replace Central Energy Plant deaerator tank	\$ 452,298		81,231,744
125	4) Scheduled	A) Now	DHS	Independence	Reynolds Masonry Repair Phase 4	\$ 1,010,000		82,241,744
126	4) Scheduled	A) Now	DHS	Independence	Infirmery Masonry Repair	\$ 405,000		82,646,744
127	4) Scheduled	A) Now	DHS	Independence	Reynolds Masonry Repair Phase 5	\$ 300,000	Cost estimate lowered based on reassessment.	82,946,744

	Priority	Immedia cy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
128	4) Scheduled	A) Now	DOC	Newton CF	Replace siding on Bldg 14 (ILU)	\$ 25,000		82,971,744
129	4) Scheduled	A) Now	DOC	Ft Dodge CF	Replace Automation Panels	\$ 280,000	Obsolete, can't upgrade software. Have some spare parts in inventory.	83,251,744
130	4) Scheduled	A) Now	DOC	Ft Dodge CF	Repair Laundry Hot Water Recovery System Entry	\$ 10,000	Hot water recovery system needed to keep up with hot water demand, current pit very difficult to clean.	83,261,744
131	4) Scheduled	A) Now	DOC	Mt. Pleasant	Life Safety Systems Upgrade	\$ 2,000,000	Fire control system antiquated and no longer supported. Currently functioning and they have some parts, but parts are becoming unavailable. This has been moved up due the recent events of failure. Parts can no longer be procured easily. Windows is the latest the system can adapt to. These parts are rapidly becoming unavailable.	85,261,744
132	4) Scheduled	A) Now	DAS	Capitol Complex	Replace parking lot 3, including new lighting	\$ 1,400,880	Lot 3 has buckled in several place, creating large pot holes. There are lots of sunken in spots from heavy loading and wide joint and settlement cracks. The over all condition of this parking lot is very hazardous to drive or walk across.	86,662,624
133	4) Scheduled	B) < 1 yr	DOC	Mt. Pleasant	Perimeter Fence	\$ 1,000,000	The fence is becoming wavy and we need cement under the fencing. This is a high need for security.	87,662,624
134	4) Scheduled	B) < 1 yr	DOC	Newton CF	Update CCTV system	\$ 250,000		87,912,624
135	4) Scheduled	B) < 1 yr	DOC	North Central CF	Air Handler Replacement and Condenser Coils	\$ 130,000	Unit A, B , C and Condenser Unit D.	88,042,624
136	4) Scheduled	B) < 1 yr	DOC	North Central CF	Fire Alarm Upgrade	\$ 195,000	Addressing system upgrade by location and clean up fault issues.	88,237,624
137	4) Scheduled	B) <1 yr	DOC	ASP	Luster Heights – New Water Well	\$ 505,000	Currently have to replace a \$7,000 pump about every 5 years. Will pursue a capital request.	88,742,624
138	4) Scheduled	B) <1 yr	DOC	ASP	Replace steam condensate storage system	\$ 200,000	Condensate Storage tanks have holes in them allowing steam to escape in the upper end. The lower end may rust through some day as well. If these tanks become unusable, boilers will not operate. Engineering done.	88,942,624
139	4) Scheduled	B) <1 yr	DOC	Ft Dodge CF	Replace Water Conditioning System	\$ 70,000	Undersized, regenerate 3 - 4 times/day	89,012,624
140	4) Scheduled	B) <1 yr	DOC	Clarinda DOC	Replace large 350 lb built in clothes dryers in laundry	\$ 250,000	Laundry process approx. 5000lbs of laundry per day on average of offender clothing.	89,262,624
141	4) Scheduled	B) <1 yr	DOC	Newton CF	NCF - Living Unit C Roof Replacement	\$ 350,000	Patching on the roof has happened and nearing the end of life cycle	89,612,624
142	4) Scheduled	B) <1 yr	DOC	Newton CF	NCF - Living Unit D Roof Replacement	\$ 350,000	Patching on the roof has happened and nearing the end of life cycle	89,962,624
143	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 12A & B	\$ 1,081,600	2" wide cracks at the joints, full of settlement cracks, some hole and raised surfaces creating tripping hazards and broken and damaged concrete side walk curbs. 12B will be occupied for at least 1 year by cell tower. Project will wait until IA Bldg demo is done and cell tower is removed. Reconsider in Spring 2014.	91,044,224
144	4) Scheduled	C) > 1 yr	DOC	Newton CF	Repair/replace boulevard inside perimeter	\$ 150,000		91,194,224
145	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Wallace Buildings Elevators	\$ 1,305,600	All of Elevator equipment is original equipment. The Wallace Building Elevators had 32 service calls for not being in operation and 1 entrapment.	92,499,824
146	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Jessie Parker Building Elevators 1,3,4 & 5	\$ 1,049,256	All of Elevator equipment is original equipment. The Jessie Parker building had 5 service calls for not being in operation and 4 entrapment calls.	93,549,080
147	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Grimes Building Elevators 1, 2 & 3	\$ 940,896	All of Elevator equipment is original equipment. The Grimes Building had 12 service calls for not being in operation and 1 entrapment call.	94,489,976
148	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Roof	\$ 1,498,319	Roofs have reached their life expectancy and have been leaking.	95,988,295

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
149	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Skylights	\$ 2,736,790	Remove the skylights and replace with something other than the skylights that are always leaking. Costs from the Studies of the Lord Cultural Resources and the Ryan Compies US INC.	98,725,085
150	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Chiller #3	\$ 868,932	Nearing the end of its life cycle	99,594,017
151	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Chiller #1 Replace	\$ 868,932	Nearing the end of its life cycle	100,462,949
152	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	\$ 746,025	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.	101,208,974
153	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace IFA Building Elevator #2	\$ 219,296	All elevator equipment is original equipment and having too many incidents and entrapment calls.	101,428,270
154	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace IWD Building Elevator #3 West Car	\$ 266,114	All elevator equipment is original equipment. The IWD Building had 5 service calls for not being in operation.	101,694,384
155	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Elevators	\$ 1,042,517	All elevator equipment is original equipment and having too many incidents and entrapment calls.	102,736,901
156	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	IWD 150 Des Moines Street Parking Lot Replacement	\$ 314,839		103,051,740
157	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Facilities Management Center HVAC Renovations	\$ 420,433	Replace main AHU, coils, dampers and controls to DDC.	103,472,173
158	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Boiler #1	\$ 316,000	Boiler #1 is too small, once the outside temperature drops below 30 degrees this boiler can not keep up.	103,788,173
159	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Central Energy Plant Secondary Chiller Pumps	\$ 250,335	These are the two 200 HP primary pumps for the Capitol Complex's chilled water loop.	104,038,508
160	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Hoover Building Fuel Tank	\$ 143,913	The existing underground fuel oil tanks are way oversized and full of fuel oil that never gets used. Also the old fuel oil day tank inside the building is in poor condition and can only be turned on when the generators are running, as they will over fill and leak out all over the mechanical room floor.	104,182,421
161	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Historical Building Building Automation Controls Conversion	\$ 1,843,652	Change over the pneumatic controls to DDC controls	106,026,073
162	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Monument and Art Work Repair and Restoration	\$ 275,000	The monument endowments cannot sustain the repair and restoration of all the different monuments.	106,301,073
163	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Wallace HVAC Renovations	\$ 18,202,489	Replace AHU, coils, fans, VAV, duct work and direct digital controls. All existing equipment is past its life expectancy.	124,503,562
164	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Vehicle Dispatch Roof	\$ 400,000	Roof are nearing the end of their life expectancy.	124,903,562
165	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Ola Babcock Miller Exterior Restoration	\$ 880,422	Clean and seal exterior stone façade, tuck-point mortar joints, clean and recaulk all building joints and around windows.	125,783,984
166	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Chillers / Heat pump	\$ 1,238,475	Both the chiller and the chiller/heat pump have exceeded their life expectancy and they have mechanical issues.	127,022,459
167	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Historical Building Boiler	\$ 424,074	Historical Boilers are 26 years old and are well beyond the life expectancy of 15 years for electric boilers.	127,446,533
168	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Capitol Complex West Terrace Repair and Maintenance	\$ 275,000	Provide maintenance and repair to the granite planter walls and stairs. Reset panels that have tilted out, clean out and recaulk all joints.	127,721,533
169	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Oran Pape Parking Lot Planter Pavers Maintenance and Repair	\$ 80,000	Provide maintenance and repair to the pavers around the planters.	127,801,533
170	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Capitol Complex Security Camera and Surveillance Retention and Upgrades	\$ 172,696	Provide for upgrading, replacing and new cameras; upgrade surveillance and retention system to a new IP system.	127,974,228

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171	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Capitol Complex Sidewalk Replacement Program	\$ 1,156,990	Provides for removal and replacement of sidewalks through out the complex. New sidewalks to be 6 ft wide for more efficient and effective snow removal.	129,131,218
172	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Capitol Building North Plaza concrete replacement	\$ 438,697	The concrete plazas between the stairs on the North side of the Capitol are badly spalled due to chemical treatment for ice.	129,569,915
173	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Capitol Complex Building Automation Upgrades	\$ 138,875	Provides for the upgrades to the most current versions of the Siemens software for the Capitol Complex and Iowa Labs on an annual basis.	129,708,790
174	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Hoover HVAC Systems Renovation	\$ 20,347,197	The equipment in this building is the original equipment from when the building was built. There are 8 large AHUs in the mechanical penthouse with inline R/A fans in the duct work.	150,055,987
175	4) Scheduled	C) > 1 yr	DAS	Iowa Labs	Iowa Labs Security System upgrades	\$ 70,000	Provide for the upgrades to the to the security systems at the Iowa Labs.	150,125,987
176	4) Scheduled	C) > 1 yr	DAS	Iowa Labs	Iowa Labs Cameras and Surveillance Retention Equipment Upgrades	\$ 100,000	Provides for the upgrade to existing cameras, new cameras, with a new IP based recording system for the DCI.	150,225,987
177	4) Scheduled	C) > 1 yr	DAS	Iowa Labs	Iowa Labs Parking Lot Improvements and Repair	\$ 760,040	To maintain and replace the parking lots at the Iowa Labs as they are starting to develop large cracks and deteriorate due to poor drainage.	150,986,027
178	4) Scheduled	C) > 1 yr	DOC	ASP	Power House Upgrade	\$ 6,800,000	Failure of the 1940's boilers refractory and controls repairs include extensive abatement. Project abandons boilers and installs new 300hp and 2-600hp in a new addition. Includes new DA, condensate, and support systems.	157,786,027
179	4) Scheduled	C) > 1 yr	DOC	ASP	Laundry Roof Replacement	\$ 250,000	Project funded, designed, and bid, but placed on "hold" since bid was over budget .	158,036,027
180	4) Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Replace Building L freezer compartment doors/openings	\$ 125,000	Walk-in freezers are damaged and in need of replacment from continual pallet truck impact	158,161,027
181	4) Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Replace Gym flooring	\$ 32,000	Rubber coated gym floor is damaged and worn	158,193,027
182	4) Scheduled	C) > 1 yr	DOC	Mt. Pleasant	Elevator MWU Upgrade	\$ 220,000	Car is past life expectancy. Controller is in need of repair. Does not have phase one fire recall. The facility is being vacated and has been moved to the bottom of our needs.	158,413,027
183	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 1 and 4, including new lighting	\$ 1,915,514	Lot 1 has 2" wide cracks at the joints, some settlement cracking, some low spots and broken and damaged concrete curb, about 10%. Lot 4 has 2" wide cracks at the joints, some settlement cracking, some low spots and broken and damaged concrete curb, about 10%. The over all condition of this parking lot is very hazadous to walk across.	160,328,541
184	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 2, 13 and drive for 13, including new lighting	\$ 2,106,870	Lot 2 has 1" wide cracks at the joints, some spider cracking and some settlement cracking along curb and gutter (5000 lin ft). Also has 10 concrete parking barriers which need to be replaced. Lot 13 and the drive are full of 1" wide settlement cracks throughout the entire lot and drive.	162,435,411
185	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 15 and 14, including new lighting	\$ 1,179,982	Lot 14 has 1" to 1-3/4" joint cracks (2,121 lin ft). Lot 15 has major settlement cracks and wide joint cracks with surface crushing at the inlets, joints, manholes and light pole basins.	163,615,393
186	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 5 and 19, including new lighting	\$ 653,546	Lot 5 has 1" to 2" wide cracks at the joints, some settlement along the joints. Lot 19 has 1" wide settlement cracks throughout the lot.	164,268,939
187	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace drive for parking lot 25 and parking lots 10 , 11 and 12, including new lighting	\$ 2,142,494	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).	166,411,433
188	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 9 and 9A	\$ 152,097		166,563,530

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
189	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace 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 need some cracks cut and sealed and the drive has two panels which need some repair or replacement.	166,932,435
190	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace parking lots 3A, 6, 16, 21 (and drive), 21A, 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.	170,991,045
191	4) Scheduled	C) > 1 yr	IPTV	6535 Corporate Dr	Repair/replace roof	\$ 100,000	The estimated timeframe for the replacement of the roof is FY 2017	171,091,045
192	4) Scheduled	C) > 1 yr	DVA	Iowa Veterans Home	Tunnel Replacement, Heinz Hall	\$ 900,000	Demolish existing service tunnel and erect new tunnel from Power House to Heinz Hall.	171,991,045
193	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Central Energy Plant Fuel Tank Replacement	\$ 402,180		172,393,225
194	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Paint Central Energy Plant	\$ 131,379		172,524,603
195	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Replace Chiller #2	\$ 868,932	This is the lead chiller for the Capitol Complex, installed in 1995, 23 year expected life.	173,393,535
196	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Restoration of Lucas Building Exterior	\$ 992,130		174,385,665
197	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Restoration of Grimes Building Exterior	\$ 600,000		174,985,665
198	4) Scheduled	C) > 1 yr	DAS	Capitol Complex	Tunnel Repair	\$ 4,750,000	This includes repairs of utilities, piping and fire sprinklers.	179,735,665
199	4) Scheduled	C) > 1 yr	DOC	Newton CF	CRC - Electrical Upgrade	\$ 1,500,000		181,235,665
200	4) Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Replace Front Exterior Doors in Living Units (6 sets)	\$ 28,000	Beat up by carts.	181,263,665
201	4) Scheduled	C) > 1 yr	DOC	North Central CF	Update Unit C Fire Escape	\$ 50,000	Living Unit Housing Offenders/Inmates	181,313,665
202	4) Scheduled	C) > 1 yr	DHS	Cherokee	Upgrade fire alarm system	\$ 900,000	Can still find refurbished parts.	182,213,665
203	4) Scheduled	C) > 1 yr	DOC	North Central CF	Update Fire Escape on East Side of Education Bldg.	\$ 60,000	The Update is required to replace the Fire Escape.	182,273,665
204	4) Scheduled	C) > 1 yr	DOC	North Central CF	Update Electrical to LUB and R&D	\$ 40,000	This is a fire safety issue , has the panels need to be replaced and updated.	182,313,665
205	4) Scheduled	C) > 1 yr	DHS	Clarinda MHI	Replace tank hot water heaters with instantaneous heaters main building	\$ 180,000	Very old tank heaters supply potable hot water to patient and staff areas. Needs replaced soon, suggest instantaneous heaters	182,493,665
206	4) Scheduled	C) > 1 yr	DHS	Clarinda MHI	Replace roof covering on Carpenter shop detached from main building using metal roofing material	\$ 65,000	Asbestos shingle covering, some leaks,	182,558,665
207	4) Scheduled	C) > 1 yr	DHS	Clarinda MHI	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	182,588,665
208	4) Scheduled	C) > 1 yr	DOC	Newton CF	Replace misc. doors at NCF and CRC	\$ 150,000		182,738,665
209	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.	182,838,665
210	4) Scheduled	C) > 1 yr	DOC	Newton CF	CRC - Non-Admin Roof Replacement	\$ 572,000		183,410,665
211	4) Scheduled	C) > 1 yr	DHS	WRC	Mechanical upgrade to e-home	\$ 150,000	This building has perimeter heat and window air conditioning needs forced air heat and cooling. existing piping failing.	183,560,665

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212	4) Scheduled	C) > 1 yr	DOC	Clarinda DOC	Replace and or repair prison metal roof	\$ 750,000	17 year old roof leaks.	184,310,665
213	4) Scheduled	C) > 1 yr	DOC	ASP	Replace powerhouse water heaters	\$ 55,000		184,365,665
214	4) Scheduled	C) > 1 yr	DOC	ASP	Replace 2 DA tanks	\$ 50,000		184,415,665
215	4) Scheduled	C) > 1 yr	DOC	ASP	Replace 100 & 5 lb header and valves	\$ 50,000		184,465,665
216	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Building H Roof Replacement (support)	\$ 700,000	Patching on the roof has happened and nearing the end of life cycle	185,165,665
217	4) Scheduled	C) > 1 yr	DOC	ASP	Replace maintenance office and tool control roofs	\$ 100,000	These are the same building.	185,265,665
218	4) Scheduled	C) > 1 yr	DOC	Ft Dodge CF	Dishwasher Drain Line	\$ 100,000	Currently plumbed to grease pit, violates code.	185,365,665
219	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Building K Roof Replacement (admin)	\$ 150,000	Patching on the roof has happened and nearing the end of life cycle	185,515,665
220	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Building L Roof Replacement (power plant)	\$ 125,000	Patching on the roof has happened and nearing the end of life cycle	185,640,665
221	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Building J Roof Replacement (warehouse)	\$ 125,000	Patching on the roof has happened and nearing the end of life cycle	185,765,665
222	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Living Unit A Roof Replacement	\$ 150,000	Patching on the roof has happened and nearing the end of life cycle	185,915,665
223	4) Scheduled	C) > 1 yr	DOC	Newton CF	NCF - Living Unit B Roof Replacement	\$ 350,000	Patching on the roof has happened and nearing the end of life cycle	186,265,665
224	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add Untreated Water Line	\$ 6,500	Install a water line for irrigating gardens, washing down dog pee pads, etc. Currently only treated/conditioned water is available from the power plant.	186,272,165
225	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add Cooling Tower Walkway	\$ 12,000	Cited by Dan Duss to install working platforms on towers	186,284,165
226	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	186,369,165
227	5) Efficiency	A) Now	DOC	Ft Dodge CF	Replace Television Distribution System	\$ 25,000	TV cabling is inadequate to support current use and continual outages and repairs occur.	186,394,165
228	5) Efficiency	A) Now	DOC	Ft Dodge CF	Renovate Pharmacy	\$ 4,500	Renovate pharmacy/add pill line window	186,398,665
229	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.	186,418,665
230	5) Efficiency	A) Now	DOC	Mt. Pleasant	West yard upgrade	\$ 150,000	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.	186,568,665
231	5) Efficiency	A) Now	DHS	CCUSO	Security cameras for interior/exterior viewing-campus wide	\$ 500,000	Parts for existing system are increasingly difficult to find, only refurbished parts available.	187,068,665
232	5) Efficiency	A) Now	DHS	WRC	Install Gas Lines East and West campus	\$ 160,000	Install gas lines and install hotwater look boilers Westwod, Larches and grandwood.	187,228,665
233	5) Efficiency	A) Now	DHS	CCUSO	Renovate a campus building for expanding programs (Study Only)	\$ 250,000	Capital request	187,478,665
234	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.	187,588,665
235	5) Efficiency	A) Now	DOC	Clarinda DOC	Install Air Conditioning in Kitchen	\$ 850,000	No ac in kitchen. Staff and offender workers cooking food in 12-130 degree room temperatures. Unsanitary and unsafe.	188,438,665
236	5) Efficiency	A) Now	DAS	Capitol Complex	Fire protection hydrants and sprinklers for the Central Energy Plant	\$ 2,342,698	These building do not have fire sprinkler systems and the closest fire hydrant to these building is on North side of Court Ave which is over 600 feet.	190,781,363
237	5) Efficiency	A) Now	DOC	ISP	Farm 1 Living Unit Renovation	\$ 500,000	Also recommended in Governor's FY2014 budget	191,281,363
238	5) Efficiency	A) Now	DOC	Clarinda DOC	Install HVAC system in the Lodge building	\$ 500,000	Building has no AC, heating system is original 1940's. Needs replaced. System is designed already and ready for rebidding.	191,781,363

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239	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.	191,881,363
240	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add heat to Main Vehicle Gate	\$ 175,000	Freezes shut if they don't exercise it hourly in cold weather.	192,056,363
241	5) Efficiency	A) Now	DOC	Newton CF	Update electrical at boiler and tunnel	\$ 60,000		192,116,363
242	5) Efficiency	A) Now	DOC	ASP	Install fire exit stairs at Living Unit B	\$ 2,000,000	Fire Marshal notation, but no citation. Will pursue a capital request.	194,116,363
243	5) Efficiency	A) Now	DHS	Cherokee	New interior electrical wiring.	\$ 2,393,033	Main bldg; Ginzberg Bldg; Wirth Hall; Voldeng Bldg.	196,509,396
					Air conditioning, ductwork dampers, zone valves & convector upgrades to main building	\$ 1,511,664	Capital request	198,021,060
244	5) Efficiency	A) Now	DHS	Cherokee	Building – Automation Controls – Phase II	\$ 50,000		198,071,060
245	5) Efficiency	A) Now	DOC	IMCC	Build enclosed stair towers-Phase I	\$ 1,275,000	Capital request	199,346,060
246	5) Efficiency	A) Now	DHS	Cherokee	Sidewalk replacement-campus wide	\$ 588,500		199,934,560
247	5) Efficiency	A) Now	DHS	Cherokee	Replace windows for all campus buildings-Phase I. Note--Donahoe omitted from this project as per MHDS	\$ 1,490,000	Main bldg north patient wing-\$748,500; maint bldg south patient wing-\$748,500; Main bldg east ADM wing-\$305,000; Main bldg west wing-\$245,000; Powerhouse-\$123,000; Ginzberg bldg-\$408,000; Voldeng bldg-\$162,000; Wirth Hall bldg-\$175,000 plus all design & supervision fees.	201,424,560
248	5) Efficiency	A) Now	DHS	Cherokee	Replace stair treads	\$ 21,615		201,446,175
249	5) Efficiency	A) Now	DHS	Cherokee	Clean attics & insulate ceilings	\$ 258,750		201,704,925
250	5) Efficiency	A) Now	DHS	Cherokee	Repair campus garages & doors/including duplex garages	\$ 68,200		201,773,125
251	5) Efficiency	A) Now	DHS	Cherokee	Motor Pool Renovation Project	\$ 757,312	Capital request	202,530,437
252	5) Efficiency	A) Now	DOC	ISP	Warehouse Life Safety Systems	\$ 160,000		202,690,437
253	5) Efficiency	A) Now	DHS	Cherokee	Laundry Renovation	\$ 192,500	Capital request	202,882,937
254	5) Efficiency	A) Now	DHS	Cherokee	Security cameras for interior/exterior viewing-campus wide	\$ 357,500		203,240,437
255	5) Efficiency	A) Now	DOC	IMCC	Building – Automation Controls – Phase III	\$ 356,000	Pneumatic systems do not offer efficiency of todays technology.	203,596,437
256	5) Efficiency	A) Now	DOC	IMCC	Building – Automation Controls – Phase IV	\$ 359,000	Pneumatic systems do not offer efficiency of todays technology.	203,955,437
257	5) Efficiency	A) Now	DHS	Glenwood	Replace HVAC in 710 Lacey Hall.	\$ 512,309		204,467,746
258	5) Efficiency	A) Now	DOC	ASP	Remodel Laundry	\$ 700,000	Doesn't meet the health code due to lack of sufficient dirty/clean laundry separation.	205,167,746
259	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement Building 106	\$ 435,000		205,602,746
260	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement Building 111	\$ 325,000		205,927,746
261	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement Building 119	\$ 190,000	Can reduce scope on this bldg - would like to do minimal window replacement on main floor and cover remaining windows - this bldg is used for storage/upholstery shop	206,117,746
262	5) Efficiency	A) Now	DHS	Glenwood	Window Replacement Building 121	\$ 80,000		206,197,746
263	5) Efficiency	A) Now	DHS	Glenwood	Meyer Hall - Install New Elevator	\$ 596,500	Facility is getting by with what they have (a ramp and small elevator), but a new elevator would be more convenient.	206,794,246
264	5) Efficiency	A) Now	DOC	ASP	Add water treatment to well #4	\$ 1,000,000	Cannot be used for drinking water without further treatment, but it is not currently used for drinking water and there is city water back-up if the other wells fail.	207,794,246
265	5) Efficiency	A) Now	DHS	CCUSO	Yard expansion with industrial arts/recreation building. Includes 1600 linear feet of fencing	\$ 1,418,965	Capital request. (Study-Phase I Project-Phase II)	209,213,211
266	5) Efficiency	A) Now	DHS	CCUSO	Renovate South 1, S2 & S3 areas in main building. (HVAC updates)	\$ 518,000		209,731,211
267	5) Efficiency	A) Now	DHS	CCUSO	Outdoor Recreational facilities	\$ 175,000	Capital request	209,906,211
268	5) Efficiency	A) Now	DHS	CCUSO				

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269	5) Efficiency	A) Now	DOC	ASP	Powerhouse lighting, windows and ventilation	\$ 60,000		209,966,211
270	5) Efficiency	A) Now	DOC	Ft Dodge CF	Connect Greenhouse to Hot Water Loop	\$ 20,000		209,986,211
271	5) Efficiency	A) Now	DOC	Ft Dodge CF	Salt-Sand Building	\$ 20,000	Should use capitol or operations funding.	210,006,211
272	5) Efficiency	A) Now	DOC	ASP	Replace Security Lighting	\$ 50,000		210,056,211
273	5) Efficiency	A) Now	DOC	Ft Dodge CF	Add Industry Building to Automation System	\$ 42,000		210,098,211
274	5) Efficiency	A) Now	DOC	ASP	Replace windows & screens in LU-B	\$ 80,000		210,178,211
275	5) Efficiency	A) Now	DOC	ASP	Replace windows & screens in LU-C	\$ 80,000		210,258,211
276	5) Efficiency	A) Now	DOC	ASP	Replace windows & screens in LU-D	\$ 80,000		210,338,211
277	5) Efficiency	A) Now	DOC	ASP	Replace windows & screens in auditorium	\$ 30,000		210,368,211
278	5) Efficiency	A) Now	DOC	ASP	Replace windows & screens in chapel	\$ 30,000		210,398,211
279	5) Efficiency	A) Now	DOC	ASP	Replace windows & screens in music room	\$ 30,000		210,428,211
280	5) Efficiency	A) Now	DAS	Capitol Complex	IWD 150 Des Moines Street PA System	\$ 50,000		210,478,211
281	5) Efficiency	B) <1 yr	DHS	State Training School - Eldora	Sanitary Sewer Lining - 750 ft.	\$ 32,000	Water infiltration into sanitary sewer system is an on-going problem - using the lining system allows minimal disruption to the facility and is less costly due the location of sewer lines which are under roads/electrical lines and near functional buildings	210,510,211
282	5) Efficiency	B) <1 yr	DHS	Clarinda MHI	Chilled water lines and HVAC equipment to patient areas of activities, and offices	\$ 2,601,000		213,111,211
283	5) Efficiency	B) <1 yr	DHS	Independence	Generator Upgrade for Co-generation (Combined Heat & Power)	\$ 100,000	Capital request.	213,211,211
284	5) Efficiency	B) <1 yr	DOC	Newton CF	Correct area drainage Bldg 10	\$ 35,000		213,246,211
285	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Replace Parking Lots 17 and 22	\$ 1,220,477	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 hill side and are unsafe to park in during the winter months as the vehicles will slide down the hill and is dangerous to walk on. These lots have been closed off during icy conditions.	214,466,688
286	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Capitol Complex Emergency Generator Study	\$ 107,060	The existing emergency generators and transfer switches located at the various buildings are a life / safety issues which need to be addressed.	214,573,748
287	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Central Energy Plant Boiler Optimization	\$ 412,200	Replace burners for Boiler #3 and add new DDC controls for all 3 boilers optimization.	214,985,948
288	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Capitol Building Granite Retaining Wall Repair	\$ 150,000	To repair the North side granite retaining wall along Grand Ave	215,135,948
289	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Capitol Complex Security Camera Expansion for Parking Ramp and North of Grand Ave	\$ 308,385	Add security cameras to the parking ramp and the parking lots North of Grand Ave.	215,444,333
290	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Capitol Complex Chilled Water 3-way Valve Replacement	\$ 564,240	Valve replacement program to replace all 3-way chilled water valves with 2-way valves for system optimization.	216,008,573

	Priority	Immediacy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
291	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Demolition of Old and Abandoned Mechanical and Electric Systems	\$ 282,120	Over the years all types of mechanical/electrical equipment and associated piping has been abandoned in place, taking up valuable space which could be used for future projects. It also makes working on the surrounding equipment difficult and costly. The abandon equipment is also being used as a catch all for unneeded storage. There is a salvage value to this equipment that could be utilized, making it worth while to remove and dispose of.	216,290,693
292	5) Efficiency	C) > 1 yr	DAS	Capitol Complex	Re-commissioning and Balancing of Systems and Equipment	\$ 282,120	Efficiencies in equipment and extended equipment life can be gained by balancing the needed equipment.	216,572,813
293	5) Efficiency	C) > 1 yr	DAS	Iowa Labs	Iowa Labs Exhaust Duct Replacement	\$ 100,000	The acid fumes keeps eating out the stainless steel ducts for the SHL fume hoods. Needs to be replaced with an acid resistant material.	216,672,813
294	5) Efficiency	C) > 1 yr	DAS	Iowa Labs	Iowa Labs Ag Dept Grinding Room Dehumidification	\$ 72,000	Install dehumidifier in the grinding room, so the AHU does not need to be run so low that it super cools adjacent areas.	216,744,813
295	5) Efficiency	C) > 1 yr	DAS	Iowa Labs	Iowa Labs Wall Extensions up to the Deck	\$ 150,000	Extend walls up to the deck for pressurization requirements. Required for testing requirements and cross contamination.	216,894,813
296	5) Efficiency	C) > 1 yr	DOC	Ft Dodge CF	Replace Cooling Tower	\$ 475,000	Install high efficiency cooling towers to reduce, energy consumption, water use and maintenance expenses.	217,369,813
297	5) Efficiency	C) > 1 yr	ILEA	ILEA	Replace Boiler	\$ 75,000	Boiler was installed in 1969, but still works.	217,444,813
298	5) Efficiency	C) > 1 yr	ILEA	ILEA	Replace windows	\$ 625,000	Rust around the steel frames and buckling sills from condensation, but no known infiltration.	218,069,813
299	5) Efficiency	C) > 1 yr	IPTV	6450 Corporate Dr	Install fence for security reasons	\$ 30,000	The City of Johnston has plans to increase foot traffic behind IPTV's headquarters building. There are large satellite dishes behind the building -- for the safety of people as well as protection of the satellite dishes, there should be a fence. Also need for chiller enclosures	218,099,813
300	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.	218,349,813
301	5) Efficiency	C) > 1 yr	DOC	Newton CF	Add wall in hallway between rec room and hall	\$ 100,000		218,449,813
302	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.	219,164,813
303	5) Efficiency	C) > 1 yr	DOC	Newton CF	Install security screens in dorms 1/2 windows	\$ 175,000		219,339,813
304	5) Efficiency	C) > 1 yr	DHS	Clarinda MHI	Replace windows in main building administration area.	\$ 324,300	Original 1885 windows still being used.	219,664,113
305	5) Efficiency	C) > 1 yr	DOC	North Central CF	Repair exterior Bldgs.	\$ 240,000	No immediate danger, but are continuing to make minor repairs and the stucco is bad repair.	219,904,113
306	5) Efficiency	C) > 1 yr	DHS	Independence	Stewart Hall Window Replacement	\$ 352,500		220,256,613
307	5) Efficiency	C) > 1 yr	DHS	Independence	Infirmiry Window Replacement	\$ 705,000		220,961,613
308	5) Efficiency	C) > 1 yr	DHS	Independence	Witte Electrical Upgrade	\$ 200,000		221,161,613
309	5) Efficiency	C) > 1 yr	DHS	Independence	Infirmiry Electrical Upgrade	\$ 100,000		221,261,613
310	5) Efficiency	C) > 1 yr	DHS	Independence	Campus-wide Asbestos Abatement	\$ 300,000		221,561,613
311	5) Efficiency	C) > 1 yr	DOC	North Central CF	Greenhouse Automation	\$ 30,000	Need to tie into Siemen Fire alarm System and cost of software and wiring.	221,591,613
312	5) Efficiency	C) > 1 yr	DOC	Newton CF	Replace water line Bldg. #10 to shop, and warehouse	\$ 40,000		221,631,613
313	5) Efficiency	C) > 1 yr	DOC	Clarinda DOC	Kitchen and storeroom	\$ 4,000,000	Construct new kitchen and storeroom for the DOC. Storeroom has known structural cracking and defeciencies. Kitchen was last redone in 1995 and needs repaired or replaced.	225,631,613
314	5) Efficiency	C) > 1 yr	DHS	State Training School - Eldora	Update Kitchen Cooler/Freezers and food storages 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.	225,781,613

	Priority	Immedia cy	Agency	Facility	Project Title	Funding Request	Comments	Running Total
315	5) Efficiency	C) > 1 yr	DOC	Mt. Pleasant	10 Cell Isolation Expansion	\$ 300,000	Capital. Need for additional lock-up space.	226,081,613
316	5) Efficiency	C) > 1 yr	DOC	Newton CF	Replace electrical in Bldg. 14 (ILU) and 10 (training center)	\$ 15,000		226,096,613
317	5) Efficiency	C) > 1 yr	DOC	Newton CF	CRC - Replace showers in Dorms 1 & 2	\$ 55,000		226,151,613
318	5) Efficiency	C) > 1 yr	DOC	Newton CF	Replace dietary equipment	\$ 500,000		226,651,613
319	5) Efficiency	C) > 1 yr	DOC	Newton CF	Chemical and paint storage facility	\$ 55,000		226,706,613
320	5) Efficiency	C) > 1 yr	DOC	Newton CF	Replace servery equipment	\$ 250,000		226,956,613
321	5) Efficiency	C) > 1 yr	DOC	Newton CF	Metal storage building	\$ 100,000		227,056,613
322	5) Efficiency	C) > 1 yr	DOC	Newton CF	Vehicle building	\$ 125,000		227,181,613
323	5) Efficiency	C) > 1 yr	DOC	Newton CF	Add room to maintenance building and proper ventilation	\$ 50,000		227,231,613
324	5) Efficiency	C) > 1 yr	DOC	Newton CF	Upgrade boilers and chillers	\$ 500,000		227,731,613
325	5) Efficiency	C) > 1 yr	DOC	Newton CF	Building for salt and sand storage	\$ 85,000		227,816,613
326	5) Efficiency	C) > 1 yr.	DOC	Mt. Pleasant	Add A/C to East & West House	\$ 3,350,000		231,166,613
327	6) Demo	A) Now	DAS	Capitol Complex	Mercy Annex Demolition	\$ 401,000		231,567,613
328	6) Demo	A) Now	DHS	Clarinda MHI	Demolition of 300,000 water tower	\$ 80,000	1920's water tower needs removal. Safety	231,647,613
329	6) Demo	A) Now	DHS	Independence	Hill Top Demolition	\$ 100,000		231,747,613
330	6) Demo	A) Now	DHS	Independence	Grove Hall Demolition	\$ 200,000		231,947,613
331	6) Demo	A) Now	DOC	Clarinda DOC	Demolition of Hope Hall	\$ 400,000	abandoned, mold infested, safety, dangerous to the public and clients and staff.	232,347,613
332	6) Demo	C) > 1 yr	DAS	Capitol Complex	Demolition of Old Carriage House	\$ 258,719	This building is scheduled to be torn down under Phase 3 of the master plan in (2031-2040). The masonry walls are deteriorating, the parapet walls are falling over onto the roof and the old roof is deteriorating and leaking, creating an unstable structure. The deteriorating condition of this building, along with the moisture entering the building system, is the catalyst for creating mold and other health related conditions. This building's structure is not being maintained and is rapidly become a safety hazard.	232,606,332
333	6) Demo	C) > 1 yr	DHS	Mt. Pleasant	Demolition of 1102 E. Washington	\$ 10,000	Vacant house. May try to sell the house on GovDeals with purchaser responsible for moving.	232,616,332
334	6) Demo	C) > 1 yr	DHS	State Training School - Eldora	Demolition - Poultry Feed, Canary, Coal Room, Concrete Garage, Root Cellar	\$ 296,000	These buildings serves no function and are beyond repair	232,912,332
335	6) Demo	C) > 1 yr	DOC	Mt. Pleasant	Demolition of Training Academy	\$ 225,000	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.	233,137,332
336	6) Demo	C) > 1 yr	DOC	Newton CF	Remove south farm house	\$ 10,000		233,147,332
	7) No Requests		DVA	IDVA	No projects requested	\$ -		233,147,332
	7) No Requests		ABD	ABD	No projects requested	\$ -		233,147,332

Total \$ 233,147,332