

## FY 2018-19 Level 1 Controlled Maintenance

Project Title	Fund Source	Amount
1 1995-048 <b>Personnel and Administration</b> <i>Controlled Maintenance Emergency Account</i>	CCF	\$2,000,000
<p>The project funds the Controlled Maintenance Emergency Account, which is administered by the Office of the State Architect for emergency projects on an as-needed basis throughout the fiscal year. Criteria for requests for emergency funding are: (1) a need that is immediate in nature; and (2) a problem that directly affects the health, safety, and welfare of the public and day-to-day operations of the agencies. Requests may involve systems and fixed equipment critical to the functionality of a facility, but cannot involve movable equipment, furniture, and fixtures related to the programmatic activities conducted in the facility.</p>		
2 2019-024 <b>Human Services</b> <i>Upgrade Life Safety Systems, Southern District</i>	CCF	\$465,126
<p>The project replaces the fire alarm system in four buildings, the security operating system in two buildings, and a boiler control system in one building on the Colorado Mental Health Institute at Pueblo campus. These control systems are obsolete and unreliable due to age and the lack of support and repair services from the manufacturer.</p>		
3 2019-025 <b>University of Colorado at Boulder</b> <i>Replace Campus Fire Alarm Control Panels</i>	CCF	\$763,713
<p>The three-phase project replaces fire alarm panels in nine buildings on campus. The panels are past their useful life and are no longer manufactured. This year's request for Phase I replaces the panels in the Ramaley Biology, Computer Center, and Porter buildings. Phase II replaces the panels in the Duane, Mathematics, and Bruce Curtis buildings. Phase III replaces the panels in the Muenzinger, Cristo! Chemistry, and Environmental Design buildings.</p>		
4 2019-026 <b>Corrections</b> <i>Replace/Upgrade Primary Electric, Generator, and Docking Station, Denver Reception and Diagnostic Center</i>	CCF	\$1,526,998
<p>The project reconfigures the electrical distribution system, replaces several circuit breakers, installs two egress doors, adds a generator docking station, and upgrades the existing generators. The existing electrical distribution system is reaching the end of its useful life.</p>		
5 2019-027 <b>Colorado School of Mines</b> <i>Upgrade Fire Alarm Mass Notification</i>	CCF	\$604,998
<p>The four-phase project upgrades the fire alarm mass notification systems in 12 buildings on campus. The campus fire alarm network needs to be upgraded to support modern fire alarm panel functions, which is critical to the health and life safety of students, faculty, and staff. This year's request for Phase I upgrades the Alderson, Lakes Library, and Berthoud buildings. Phase II upgrades the Brown, Chauvenet, Coolbaugh, and CTLM buildings. Phase III upgrades the Green Center and Guggenheim buildings. Phase IV upgrades the Hill, Steinhauer, and Volk buildings.</p>		

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<p>6                      2019-028</p> <p><b>Red Rocks Community College</b></p> <p><i>Replace Existing Fire Panels, CTC and ETC Buildings, Lakewood Campus</i></p> <p>The project upgrades the fire alarm panels in the Construction Technology Center and Environmental Training Center. Both buildings currently have stand-alone fire alarm systems without mass notification abilities.</p>	CCF	\$253,462
<p>7                      2019-029</p> <p><b>Auraria Higher Education Center</b></p> <p><i>Replace Fire Alarm System, Administration Building</i></p> <p>The project replaces old fire alarm equipment in the Administration Building with new control panels, smoke detectors, pull stations, heat detectors, strobe lights, speakers, horns, auxiliary power supply, and other components. Replacement parts for the existing system are unavailable and the system cannot currently provide notifications during critical incidents.</p>	CCF	\$850,613
<p>8                      2019-030</p> <p><b>Pikes Peak Community College</b></p> <p><i>Replace Main Electrical System and Emergency Generator, Centennial Campus</i></p> <p>The project replaces the main switchboards and electrical feeders, and installs an additional code-required exit door and a new generator. The main electrical equipment for the campus was originally installed in 1978 and is outdated.</p>	CCF	\$991,956
<p>9                      2019-031</p> <p><b>Colorado State University</b></p> <p><i>Replace Wastewater Treatment Plant, Mountain Campus</i></p> <p>The two-phase project replaces the wastewater treatment plant at the Mountain Campus, located 50 miles west of Fort Collins. This year's request for Phase I includes design, acquiring necessary permits, and replacing the lift station. Phase II will replace the existing water purification equipment and tanks. The existing plant needs to be upgraded to meet discharge limits and to increase plant capacity.</p>	CCF	\$562,075
<p>10                     2019-032</p> <p><b>Corrections</b></p> <p><i>Replace Hazardous Kitchen Floor System, Colorado Territorial Correctional Facility</i></p> <p>The project includes disconnection, refurbishment, cleaning, and reinstallation of existing kitchen equipment. It also removes epoxy and vinyl tile flooring and installs new quarry tile, wall base, and polished concrete in the kitchen. The existing kitchen floor is nonexistent in some places, exposing the concrete floor and creating an unsafe working environment.</p>	CCF	\$1,288,651
<p>11                     2019-033</p> <p><b>Colorado State University</b></p> <p><i>Install Fire Sprinkler, Industrial Sciences Lab Building</i></p> <p>The project installs fire sprinklers throughout the Industrial Sciences Lab Building. The building is not sprinklered and houses highly flammable building materials and welding equipment.</p>	CCF	\$217,810

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<p>12                      2019-034</p> <p><b>Auraria Higher Education Center</b></p> <p><i>Repair Fire Sprinkler System, Seventh Street Classroom and Rectory Buildings</i></p> <p>The project installs nitrogen generators, corrosion monitoring stations, and air release valves in the existing fire sprinkler systems. There is corrosion in the existing systems, which could cause leaks in the sprinkler piping and alter the functionality of the systems.</p>	CCF	\$79,826
<p>13                      2019-035</p> <p><b>Human Services</b></p> <p><i>Repair/Replace Fire Protection Systems, Gilliam and Lookout Mountain Youth Services Centers</i></p> <p>The three-phase project upgrades the fire alarm systems at the Lookout Mountain Youth Services Center (LMYSC) and the Gilliam Youth Services Center (GYSC). The existing systems are original to the buildings and are approximately 30 years old. This year's request for Phase I addresses head panels, alarm detection, and monitoring systems at 11 facilities at LMYSC. Phase II will address an additional 10 facilities at LMYSC. Phase III will address three facilities at GYSC.</p>	CCF	\$1,387,021
<p>14                      2019-036</p> <p><b>Colorado State University</b></p> <p><i>Install Fire Sprinkler, Forestry Building</i></p> <p>The project installs sprinklers in the Forestry Building. The building is not sprinklered and has several life-safety concerns including dead-end hallways, narrow staircases, and non-fire-rated walls.</p>	CCF	\$262,131
<p>15                      2019-037</p> <p><b>Colorado School of Mines</b></p> <p><i>Remediate Campus Fall Hazards</i></p> <p>The three-phase project installs fall hazard mitigation systems in 15 buildings on campus. The new systems will improve safety conditions by providing secure attachment points, ladders, self-closing gates, guardrail extensions, steps, and grab bars for maintenance workers. This year's request for Phase I installs systems in six buildings. Phase II will install systems in six buildings and Phase III will install systems in three buildings.</p>	CCF	\$538,931
<p>16                      2019-038</p> <p><b>Corrections</b></p> <p><i>Replace Fire Alarm System, Sterling Correctional Facility</i></p> <p>The two-phase project replaces fire alarm systems in 31 buildings at the Sterling Correctional Facility. The existing fire alarm systems are nearly 20 years old and replacement parts are difficult to obtain. This year's request for Phase I addresses control panels, pull boxes, notification devices, and smoke detectors in six buildings. Phase II will address the systems in an additional 25 buildings.</p>	CCF	\$718,887

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17                      2019-039 <b>Colorado State University</b> <i>Install Fire Sprinkler, Danforth Chapel</i> The project installs fire sprinklers in Danforth Chapel. The building is not sprinklered and is a historically significant structure.	CCF	\$109,068
18                      2019-040 <b>Colorado Community Colleges — Lowry</b> <i>Upgrade Security Systems</i> The three-phase project installs door hardware, door controllers, and cameras and provides an integrated electronic security system for the campus. Several buildings on campus are manually locked and others are on a separate security system that is outdated. This year's request for Phase I replaces manual locks with new electronic locks. Phase II will replace existing electronic locks and install new cameras. Phase III will complete the new system and replace additional cameras.	CCF	\$511,167
19                      2019-041 <b>Front Range Community College</b> <i>Repair Structural Deficiencies, East Wing, Westminster Campus</i> The project repairs structural deficiencies in the Main Building on campus. The concrete floor will be mud-jacked and leveled and the roof will be replaced. The existing floor is not level, which creates a tripping hazard, and the existing roof leaks and is past its useful life.	CCF	\$256,383
20                      2019-042 <b>Morgan Community College</b> <i>Repair/Replace Electrical System, Cottonwood and Aspen Halls</i> The project replaces and upgrades electrical switchgear, feeders, panels, and breakers in two buildings on campus. The existing equipment is aging and unreliable.	CCF	\$612,000
21                      2019-043 <b>Human Services</b> <i>Improve Exterior Accessibility, Grand Junction Developmental Center</i> The project replaces wooden fencing and decks. The existing fencing and decks present tripping and falling hazards. Replacing the decks with concrete patios will also correct drainage issues.	CCF	\$118,300
22                      2019-044 <b>Adams State University</b> <i>Upgrade Restroom for Code Compliance, Planetarium</i> The project renovates the existing restrooms to add square footage, bring them up to code, and make them compliant with the Americans with Disabilities Act. The planetarium was built in 1964 and the restrooms are original to the building.	CCF	\$122,430

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23                      2019-045 Colorado State Fair <i>Replace Roof, Event Center</i>	CCF	\$888,932

The project replaces the existing mechanically attached roof and insulation with new R-30 insulation and a fully adhered Ethylene Propylene Diene Monomer roof. The existing flat roof is over 20 years old and was recently damaged by high winds.

<b><u>Total Request Amount</u></b>	<b>\$15,130,478</b>
CCF	\$15,130,478