

FY19 DM Distribution Detail

Dept	Location	Project Title	Project Description	Project Cost
DOA	Juneau	Juneau State Office Building - repair Calhoun steps entry	Repair/replace concrete steps, deck, and drains. These stairs are in severe disrepair, are an immediate hazard to the employees/visitors of this building, and are not code compliant. Currently, hazardous areas on the stairs are being coned off, making these stairs a liability. Additionally, rebar protruding through the concrete deck presents a tripping hazard. This project estimate was developed by our Facilities group and A/E contractor based on previous projects of this type.	\$450.0
DOA	Juneau	Alaska Office Building - restroom plumbing repair	Repair/replace deteriorated restroom plumbing waste, water lines and isolation valves. These fixtures are original to the building (approximately 40 years old) and are severely corroded. Two restrooms have already been damaged due to leaking pipes, and the waste lines for the janitor's closets have failed. We have had raw sewage enter the building due to these failing pipes. If these restroom waste lines completely fail, this will prompt a building-wide shut down. This project estimate was developed by our Facilities group based on previous projects of this type, taking into account the occupants of the building, possible asbestos abatement and demolition.	\$1,300.0
DOC	Roof Repairs: Wildwood, Hiland Mountain, Lemon Creek Correctional Centers Point McKenzie Correctional Farm	Roof repairs at 4 locations: Wildwood Building 10, Hiland Mountain Buildings 3 & 4, Lemon Creek Maximum Security, and Pt. McKenzie Big Barn Building Security Section	HMCC Bldg 3 & 4: the original roof shingles on Houses 3 & 4 are deteriorated beyond repair. A recent windstorm damaged the roof and exposed large sections of roofing felt. LCCC Maximum: new roofing membrane is needed over the Max area at LCCC. Multiple ongoing leaks have been detected. New roofing will stop further water infiltration, reducing potential for mold growth. WWC Building 10: roof is failing due to age (25+ years old). Efforts to patch the roof are no longer effective. Water infiltration is causing further damage to the facility. PMCF: patching it for years, needs replacement.	\$2,800.0
DOC	Fairbanks and Lemon Creek Correctional Centers	Perimeter security detection system replacement FCC & LCC	Perimeter Security Detection System Replacement FCC & LCC systems have failed and no replacement parts are available for repairs. This has become a public safety issue.	\$980.0
DOC	Ketchikan Correctional Center	Copper water pipe replacement	Copper piping throughout KCC is in poor condition. The copper piping replaced to date has shown signs of extensive internal pitting and corrosion. Leaks spring up sporadically throughout the domestic water piping system. New copper piping is needed to ensure no further leakage occurs in an effort to preserve the facility's structure.	\$300.0
Courts	Kenai Courthouse	Upgrade pneumatic controls to DDC	Replace outdated, inefficient Pneumatic controls & equipment (MBC, MEC, etc.) with DDC System	\$193.0
DEC	Environmental Health Laboratory	Re-route roof drainage and construct french drain	One of the roof downspouts deposits water in a corner of the building onto a cement pad that runs under the exterior wall. This water infiltration is a source of potential contamination and damage to floor and walls, with a potential to produce mold. Additionally, the soil around the concrete becomes saturated each Fall and, when it freezes, causes heaving of the concrete. This heaving causes an emergency exit door to bind in the frame and be inoperable for months at a time. Although the improper drainage issue has existed since construction, the frost heaving has been getting progressively worse with each freeze/thaw cycle and the resulting inoperability of the emergency door is a newer development. The Department is proposing to install an extended drain pipe that will deposit roof water runoff into a properly graded french drain.	\$35.0

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DEC	Environmental Health Laboratory	Replacement of vibration dampers for air handlers	The vibration dampeners on the laboratory's air handlers have worn down and no longer work correctly. The vibrations crack foundational concrete slabs the air handlers sit on, leaving them less secure and damaging the infrastructure. If they go to failure, the lab would be inoperable until repaired. The Department is proposing to replace all vibration dampeners on both air handlers as part of a single project. The project must be contracted out because DEC lacks the necessary equipment and expertise to perform this work, which involves shutting down the air handlers, hoisting them up using heavy equipment, disassembling and replacement of parts, reinstalling the air handlers, and performing system checks. This work would need to be performed during non-operational hours.	\$50.0
DEC	Environmental Health Laboratory	Mold remediation and mitigation	There is a build up of mold on a sheet-rocked wall next to the built-in refrigerator/freezer. It appears to be caused by inadequate sealing between the laboratory corridor and interstitial space around the unit. Although the mold was tested and determined to not be a toxic variety, the continued presence deteriorates the sheetrock and potential for those with sensitivities to be reactive. The Department is proposing a remediation project to remove the existing mold, determine the root cause, and make the necessary repairs to prevent the reoccurrence and spread to other building components. This will require removing the built-in refrigerator/freezer and a temporary replacement will need to be brought in.	\$35.0
DEC	Environmental Health Laboratory	Boiler replacement	The laboratory's heating system consists of two cast iron sectional hydronic boilers that were installed during construction in 2005. At the time of installation, these boilers were considered outdated, but were selected to due the lowest cost procurement process. The manufacturer has been in the process of phasing out replacement part production. The laboratory has been proactively taking steps to prolong the life of these boilers. For example, burners for these units have not been produced since 2009, so the laboratory proactively had the existing burners rebuilt during 2015 summer months. It is assumed that replacing both units at the same time would be cost effective due to required retrofitting and installation. The units are reaching the end of their expected life and the Department is proposing to replace both units before they fail.	\$300.0
DEED	Mt. Edgecumbe High School Deferred Maintenance	Walk-in freezers and coolers replacement	Fix leaky roof. Then replace two large freezers, two large coolers, and their associated refrigeration units that are located below a non-code compliant and leaking roofing structure, and serve as food storage for the school cafeteria.	\$691.0
DFG	Statewide Deferred Maintenance and Upgrades	Facility repairs and upgrades to statewide Fish and Game facilities.	The Department of Fish and Game (ADF&G)has employees in over 40 locations around the state and operates facilities in many of these locations. These facilities include offices, bunkhouses, warehouses, workshops, cabins, laboratories, airplane hangars, and other structures that are vital to the mission of the department. Other maintenance and upgrades to facilities is a critical issue for the department with many of the requested projects involving life, health and safety issues. We focus on upgrades to lower operational costs, such as efficiencies and upgrades to architectural, lighting & heating systems, as well as projects to stop facility decline and extend the long term life expectancy of facilities. We currently have an estimated maintenance/upgrade backlog of approximately \$2 million dollars across the state.	\$500.0

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DMVA	South East - Sitka	Sitka Armory - roof and envelope Replacement	Sitka Armory roof and envelope need to be replaced.	\$325.0
HSS	Ketchikan Pioneer Home	Seismic and building code upgrades	Repair critical structural deficiencies to prevent building damage during earthquake.	\$1,367.0
HSS	Nome Youth Facility	Bullet resistant door & doors re-keying	Install a bullet resistant door between the public waiting area and the classroom. Re-key approximately 50 facility doors.	\$200.0
HSS	McLaughlin Youth Center - Administration Office	Main entry door replacement	The inner and outer entry door system is in need of replacement as well as the doors in the cottage lobby entrance.	
HSS	Fairbanks Youth Facility	Server room & security systems emergency circuits	The communications and security equipment need dedicated conduits installed to connect these important systems to the emergency generator.	
HSS	McLaughlin Youth Center - Cottage #1	Entry door and locks replacement cottages 1-5	Replace the entry doors and locks at all 5 cottages.	
DOLWD	AVTEC Campus-wide	Campus-wide fire alarm system replacement phase 1	Fire alarm system upgrades to current standards are needed. This project will include a campus-wide fire alarm system replacement engineering study, and replacement of the fire alarm systems in priority order to include student housing, the student services center, and the industrial electrical building. There will likely be an additional phase to upgrade all facility fire alarm systems.	\$250.0
DOLWD	AVTEC Applied Technology Campus	Industrial electrical building repairs and renovations	Renovate the roof which is leaking. An addition to the building created a roof valley, which has created leaks.	\$750.0
DOLWD	AVTEC Campus-wide	Campus-wide underground fuel tank replacements	Replace four underground fuel tanks that are over 40 years old. It is critical to replace these tanks before any further failures occur.	\$350.0
DNR	Administration and Support, Facilities	Northern Region Office Building maintenance	The DNR-owned office building in Fairbanks houses five divisions including the public facing Information Center and the State Recorder's Office. This project includes fixing the parking lot drainage and curbs, replacing the front doors with double security doors to address ongoing security concerns, and signage improvements.	\$200.0
DNR	Statewide Forestry Facilities Deferred Maintenance	Delta Area Office asbestos removal and log refinishing	The Delta Area Office has six buildings constructed of logs. Two of these buildings have asbestos laden caulking that must be removed. The project would remove the asbestos chinking, refinish the logs to avoid rot, and paint trim on each building.	\$250.0
DNR	Statewide Forestry Facilities Deferred Maintenance	Wildland Fire Buildings deferred maintenance	Repair Wildland Fire Operations & Cache Facility in Palmer to include code deficiencies and failing building systems to ensure Pioneer Peak & Gannett Glacier have required facilities and protection for \$3.8M in engines.	\$200.0
DMVA	Statewide	Arc-Flash protection statewide	Required for safety compliance with NFPA 70E, electrical survey, electrical panel upgrades, warning placards, and standoff distances.	\$300.0

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DPS	Alaska Bureau of Investigation	Roof Replacement	The roof of the building currently housing the Alaska Bureau of Investigation (ABI) is original and was installed during the construction of the building over 40 years ago. This roof has served its useful life and the thermal efficiency and weather tightness of the roof has begun deteriorating. This facility has been identified as the location for the department's newly approved 911 Dispatch Center, making it an essential facility to conduct DPS operations. DPS received a \$100.0 capital appropriation in FY2015 to address necessary building roof repairs. An engineering assessment was completed and repairs were made in accordance with the recommendations. Primary repairs included addressing the mechanical and electrical penetrations, drain scoffers, wall flashing and seams, and de-vegetation of organic growth. In its current state, the roof insulation is damp and fertile for organic re-growth. The mechanical and electrical equipment that was decommissioned must be removed and penetrations must be filled. Considering the age and deterioration of the roof and its associated appurtenances, a replacement of the entire roof is recommended. This is the department's top deferred maintenance priority given the criticality of the emergency dispatch service functions that will be housed there.	\$900.0
DOT	Statewide	Airport Runway Repair and Highway Maintenance	Three runways are in imminent danger of inoperability and they cannot wait for federal omnibus Act aviation funding that will take years. These runways are used for USPS hubs. Additionally, there is a need to repair failing/failed drainage structures across the state.	\$4,778.5
University	Statewide	Systemwide Deferred Maintenance	Systemwide deferred maintenance needs.	\$3,000.0
Running Total				\$20,504.5