

Statewide Park Sanitation and Facility Upgrades

FY2022 Request: \$2,029,000

Reference No: 43321

AP/AL: Appropriation

Project Type: Health and Safety

Category: Natural Resources

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Cheri Lowenstein

Estimated Project Dates: 07/01/2021 - 06/30/2026

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Brief Summary and Statement of Need:

Funds will be used to address improvements and emergency repairs critical to the Division of Parks, Forestry, and Agriculture. It is essential to keep the parks open for business and be in a safe condition for the general public. Every season, major maintenance items occur without warning. Water systems leak, roads are damaged, upgrade/repairs are necessary to latrines, and other planned and unplanned events. Funding will allow each division to address outstanding items of concern and the flexibility to respond to an emergency repair.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts							\$0
1008 G/O Bonds							\$0
1243 SBR	\$2,029,000						\$2,029,000
Total:	\$2,029,000	\$0	\$0	\$0	\$0	\$0	\$2,029,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Dept Priority	Allocation	Project Title	Project Description	Project Cost	Running Total	Location (City)	House District
1	Statewide Forestry Facilities Deferred Maintenance	Update Fairbanks Delta Dispatch	Fairbanks/Delta Dispatch consolidation Phase 1: Update State Logistics Center (SLC) area in the Fairbanks DNR building to provide a dispatch facility that will support wildfire operations, both initial attack (IA) and logistical support for the Northern Region. The consolidation effort is part of	\$80.0	\$80.0	Delta	6

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			<p>five-year strategic plan to increase efficiencies and reduce costs. The current dispatch facility is inadequate support the consolidation model. The project will include the following.</p> <p>A) Build a privacy wall and improve access points to the IA section of the consolidated dispatch center. This will limit non-critical foot traffic through the dispatching area providing for a sterile environment during of periods of high fire activity.</p> <p>B) Relocate 3 IA dispatch radio consoles to the new location which will consolidate IA and support dispatching. The consolidation effort will provide improved dispatch coverage as well as reducing the need for importing outside dispatch assistance which will reduce operating costs. The consolidated model will result in improved communication between dispatch functions, staffing efficiencies, cost savings and enhanced public and firefighter safety.</p>				
2	Agriculture Plant Materials Center (PMC)	Administration Building Septic Replacement	<p>A remodel was completed on this building in late 2007. For cost saving, the wastewater on the northeast portion of the building was tied into an already existing septic system. This 30-year-old septic is now failing and needs a replacement to continue the use of one half of the facilities restrooms.</p>	\$14.0	\$94.0	Palmer	11F
3	Parks & Outdoor Recreation - Multiple Park Areas	Alaska State Parks Statewide Wastewater Systems Repair	<p>Statewide wastewater systems repair. Wastewater systems at various park units have outlived their useful life resulting in failing septic fields. The septic systems at Potter Section House (Chugach Area HQ), Morgans' Landing (Kenai Area HQ), and Fort Abercrombie State Historical Park (Kodiak Area HQ) are all beyond their design lives and are failing. This project will reconstruct those three septic systems. The schedule for this project consists of design work in 2020/2021 and construction in 2021/2022. If unfunded, the septic systems will fail resulting in greatly reduced sanitary conditions at those sites and will impact employees' and visitors' health and safety.</p>	\$145.0	\$239.0	Multiple	Multiple
4	Parks & Outdoor Recreation - Multiple Park Areas	Alaska State Parks Statewide Water Systems Repair	<p>Statewide water system repairs. Two water systems at major public access points, Glen Alps Trailhead (Anchorage) and Buskin River State Recreation Site (Kodiak) water systems have failed and need to be replaced. The water system at the Glen Alps Contact Station has frozen over in the winter numerous times despite installation of heat tracing. The waterline runs through a heavily used paved parking lot and attempting to locate the leak and repair it would be disruptive to the public and would be extremely costly. After all that, the possibility of freezing and leaking again in the future will still exist. This project will develop a new well and run a new waterline that will be frost protected closer to the contact station. Develop new well for caretaker cabin water system at Glen Alps. The water system at Buskin River State Recreation Site is old and most of the</p>	\$150.0	\$389.0	Multiple	Multiple

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			pipework is rusted through creating leaks in the system at numerous locations. This project will rebuild the existing system with new plastic piping that is rust-resistant. If this project is not funded, the two major public access facilities will continue to operate with little or no potable water adversely affecting the division's performance in carrying out its mission and objectives.				
5	Parks & Outdoor Recreation - Chugach/W T Area	McHugh Creek Picnic Area/Trailhead	Replace 3 toilets pairs with 2 double concrete vaulted toilets. The vaulted toilets at the McHugh Creek facility are vintage units designed and constructed in the 1990s and have approached their intended useful life. The three vaulted toilets were identified in a 2001 source water assessment report by ADEC as "Zone A" sources of contamination, contributing greatly to a Medium vulnerability rating for the facility's water well. This project will replace the three vintage toilets with two double concrete vaulted toilets (currently the division standard) which offer more reliable wastewater containment and reducing the likelihood of leaking vaults. Additionally, the concrete toilets are more robust and will greatly reduce overall maintenance burdens. If this project is not funded, the three vaulted toilets will continue to deteriorate and increase risk of water well contamination and maintenance burdens.	\$160.0	\$549.0	Chugach/W T	28
6	Parks & Outdoor Recreation Southeast Area	Halibut Point State Recreation Site	Replace one double vaulted toilet and two pit latrines with one double concrete vaulted toilet and two single concrete vaulted toilet. Three dilapidated toilet structures are in extremely poor shape and must be replaced to help maintain sanitary condition at this facility. This project will replace the existing toilet structures with concrete vaulted toilets, which are current division standards. If this project is not funded, the dilapidated toilets will remain and continue to pose as potential health risks to facility users and source of contamination to the surrounding environment.	\$180.0	\$729.0		35
7	Statewide Forestry Facilities Deferred Maintenance	Wildland Fire Tanker Retardant Base Code Compliance Analysis	Wildland Fire Tanker Retardant Base Code Compliance Analysis: Tanker bases in McGrath, Tanacross, Kenai and Palmer are at risk for failure resulting environmental cleanup. They require life safety code compliance analysis to identify the risks. Tanker bases in McGrath and Tanacross have significant infrastructure issues requiring engineering analysis for solutions. Repairs cannot be identified without professional design effort due to specialization of systems.	\$50.0	\$779.0	Statewide	40
8	Statewide Forestry Facilities Deferred Maintenance	Cover Outdoor Storage-Warehouse	Project provides rain/snow protection & secure existing open-air storage on the main warehouse building	\$25.0	\$804.0	Palmer	11
9	Parks & Outdoor Recreation -	Big Delta State Historical	The restaurant building at Big Delta State Historical Park is in need of major repairs in the kitchen and bathroom. Mechanical	\$500.0	\$1,304.0	Northern	9

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	Northern Area	Park Restaurant Repairs	systems (hot water heaters, furnace, etc.) are failing. Architectural elements consist of patchwork and have resulted in hazards to its' occupants. The roof and foundation have failed in several locations. The restaurant component of the park is big draw for concessionaires and the ability to attract park users and visitors. This project will repair the roof and foundation; replace the mechanical systems that are failing and/or do not meet code; repair floor, walls, and the ceiling in conformance with building codes and standards. The anticipated timeline consists of design work in 2020/2021 and construction in 2022/2023. If unfunded, the kitchen and bathroom will continue to deteriorate, and the poor working conditions will remain.				
10	Agriculture Plant Materials Center (PMC)	Facility HVAC Maintenance and Repair	Aging heating, ventilation, and air conditioning (HVAC) systems are in constant need of repair and upgrades. A one-time facility wide maintenance and repair is needed for all HVAC systems. Three of the unit HVAC systems currently operate on R12 refrigerant which is costly a repair. These units need to be replaced to reduce the maintenance frequency and costs. This DM would be complete in the winter of 2020.	\$55.0	\$1,359.0	Palmer	11F
11	Statewide Forestry Facilities Deferred Maintenance	Repair Tok Well House Mechanical Room in Operations Building	Tok Well House is poorly insulated and constructed and possible risks could include damage to equipment.	\$75.0	\$1,434.0	Tok	39
12	Statewide Forestry Facilities Deferred Maintenance	Palmer Hanger Repairs	Design broken down into the following: 1. Building Envelope upgrade/repair 2. Mechanical Upgrades 3. Arctic Entryway addition 4. Replace Stairs to mezzanine 5. Add lighting	\$275.0	\$1,709.0	Palmer	8
13	Agriculture Plant Materials Center (PMC)	Headhouse Renovation	A previous DM request to reglaze existing greenhouses was completed in 2019. Two of those greenhouses connect via a headhouse. With the new glazing renovation of the headhouse, it will continue to improve the energy efficiency of their operations. This request will repair and replace gable ends, attic insulation, lighting conversion to LED and upgrade of the 30-year-old electric heating system to a high efficiency natural gas unit. Project would be completed by mid-2021.	\$45.0	\$1,754.0	Palmer	11F
14	Parks & Outdoor Recreation Mat:Su Area	Denali SP <input type="checkbox"/> Byers Lake Campground	Repair Byers Lake Loop Trail outlet bridge. The Byers Lake Loop Trail is a 5.3-mile trail running along the perimeter of Byers Lake connecting public use cabins, remote campsites, and access to the Cascade Trail and Kesugi Ridge. The trail consists of a bridge at the inlet side of the lake and an outlet bridge at the opposite side. The bridges were constructed in the 1960s and 1980s, respectively. The inlet bridge failed in 2016 and was replaced in 2018. The outlet bridge failed and was closed off to the public in 2020. This project will repair the bridge	\$75.0	\$1,829.0	Mat-Su	10

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			back to serviceable condition and restore connectivity along the Byers Lake trail system. If the project is not funded, access to public use cabins, remote campsites, and other parts of the trail network will continue to be impaired.				
15	Agriculture Plant Materials Center (PMC)	Bungalow Building Repairs	This semi-permanent building was the home to office space and storage for labor, trades, and crafts positions. Years of deterioration to the flooring, insulation, and heating system has rendered the building unusable due to safety concerns and inefficiencies in heating and cooling. We need to remove existing piles and replace with slab on grade foundation with total replacement to in-floor insulation and total replacement of the heating system to an in-wall forced air system. These repairs will bring the building back to its operating capacity and provide labor staff access to computers and essential storage of duty related belongings, personal protective equipment (PPE) supplies and literature. The timeline for this project would be to complete renovations in summer of 2021.	\$75.0	\$1,904.0	Palmer	11F
16	Parks & Outdoor Recreation Kodiak Area	Fort Abercrombie State Historical Park	Replace rotten, sagging deck on resident apartment.	\$25.0	\$1,929.0	Kodiak	32
17	Parks & Outdoor Recreation Southeast Area	Halibut Point State Recreation Site	Repair interior and exterior of caretaker house and replace/relocate sewer lift station.	\$50.0	\$1,979.0	Southeast	35
18	Parks & Outdoor Recreation Mat-Su Area	Independence Mine State Historical Park	Harden entries and windows to SHPO standards.	\$50.0	\$2,029.0	Mat-Su	9