

State of Alaska  
Department of Education and Early Development  
Capital Improvement Projects (FY2015)

Project Descriptions

<i>Priority</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>
<b>Alaska Gateway</b>			
38	Maintenance	Tok K-12 School Sprinkler Renovation	This project replaces the dry sprinkler system in the 75,640 square foot facility built in 1994. Scope includes removal of existing piping; flushing system of debris; installation of new piping, fittings, and sprinkler heads; and repair of damaged finishes.
54	Maintenance	Tanacross K-8 School Renovation	This project provides for a renovation of the 7,618 square foot facility built in 1979. The scope of work includes replacement of major systems. Above ground storage tanks will replace underground fuel tanks. Dual coiled boiler systems will replace two oil-fired forced air furnaces and oil-fired water heaters. The scope of work includes installation of new exterior doors, windows, and metal roofing and metal panel siding. Additional insulation will be added to the building's exterior, and kitchen equipment, flooring, cabinets and vent hoods will be replaced. A new security system and fire suppression system and alarm will be installed.
<b>Aleutians East</b>			
10	Construction	Sand Point K-12 School Paving	This project will reimburse the district for costs related to paving 59,520 square feet of drive and parking area at the site of the 47,000 square foot facility built in 1983 with an addition in 1984. The scope of work included grading and providing compacted D-1 to create a base, and laying down 2 inches of asphalt paving. This project is complete.
13	Construction	King Cove K-12 School Paving	This project will reimburse the district for costs related to paving 29,597 square feet of surface area at the 43,843 square foot facility built in 2007. The scope of work included installing gravel fill, grading the surface area, and laying down 2 inches of asphalt to cover the surface. This project is complete.
11	Maintenance	Sand Point K-12 School Heating System Renovation	This project reimburses the district for funds expended to renovate the heating and air handling systems in the 47,000 square foot facility. Scope of work included installation of a DDC system and a web-enabled (ENC) controller, electronic valve controllers, cabinet unit heaters, and coil actuators. Ducting and coils were cleaned. This project is complete.
<b>Annette Island</b>			
15	Construction	Metlakatla Schools Track & Field Improvements	This project will perform excavation and grading, install drainage piping, and construct a four-lane running track surface and athletic field with bleachers at a central location that will serve three schools totaling 80,850 square feet.
9	Maintenance	Metlakatla High School Kitchen Renovation	This project reimburses the district for funds expended renovating the kitchen/cafeteria in the 41,000 square foot facility built in 1968. It includes asbestos remediation, replacement of walls, floor, ceiling, cabinets, equipment, plumbing, and a walk-in freezer. The fire suppression system and restrooms were upgraded. This project is complete.
23	Maintenance	Metlakatla High School Gym Sound & Acoustic Renovation	This project is for the replacement of acoustic paneling and sound system at the 41,000 square foot facility built in 1968. It includes the replacement of acoustic panels and sound and speaker systems.

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<b>Bering Strait</b>			
7	Construction	Shishmaref K-12 School Renovation/Addition	This project will provide for a 12,606 square foot addition at the 27,607 square foot facility built in 1976 with additions in 1982 and 2003. The addition will include a kitchen and cafeteria area as well as classroom, resource, and administrative space. The scope of work will include installation of a new fire alarm system and replacement and relocation of fuel tanks. Portable classrooms will be relocated or disposed of. This facility currently operates at 176 percent of operating capacity with 80 unhoused students.
82	Maintenance	Districtwide Fuel Tank Demolition	This project will provide for fuel tank demolition for tanks installed between 1932 and 1985 and totaling 520,005 gallons. The tanks will be removed and properly disposed.
<b>Bristol Bay Borough</b>			
42	Maintenance	Bristol Bay School Boiler Installation	This project will install two oil fired boilers that will serve as supplemental heat at the facility originally constructed in 1968. Included are DDC building controls, piping modification, mechanical room reconfiguration, and the installation of a 5,000 gallon fuel tank to supply the boilers.
<b>Chatham</b>			
12	Maintenance	Klukwan K-12 School Boiler Replacement	This project reimburses the district for replacing two boilers installed during the construction of the 10,500 square foot facility in 1983. Included are burners, boiler controls, supply lines, and exhaust pipe. The project is complete.
26	Maintenance	Tenakee K-12 School Roof Replacement	This project will replace the original roof at the 10,500 square foot facility built in 1985 with three-tab composite shingles. Also included is the replacement of underlayment with ice and water shields at eaves.
61	Maintenance	Klukwan K-12 School Roof Replacement	This project will replace the original metal roof of the 10,500 square foot facility built in 1983 and remove skylights and passive roof vents. The scope of work includes repair of fascia windows and installation of material as a thermal break, gutters, and snow guards.
<b>Copper River</b>			
32	Maintenance	District Office Renovation	This project will replace the roof of the 15,156 square foot facility built in 1961 and 3,440 square foot addition built in 1972 and provide additional insulation. Includes additional energy efficiency upgrades: replacing lights and installing occupancy sensors, insulating foundation, installing DDC system, replacing exterior door, installing new vinyl windows.
52	Maintenance	Slana K-12 School Renovation	This project will correct code deficiencies and life safety issues, renew and replace building components, and incorporate energy upgrades in the 8,400 square foot facility built in 1993. The scope of work includes removal of the 1,120 and 1,080 square foot portables built in 1964 and 1972, respectively. Site/civil, architectural, mechanical, and electrical systems will be addressed.
80	Maintenance	Glennallen K-12 School & Kenny Lake K-12 School Energy Upgrade	This project provides energy upgrades to two facilities totaling 111,243 square feet, originally built in 1977. Includes upgrades to HVAC and hot water heaters, and retrofitting lighting to CFLs and LEDs.

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81	Maintenance	Glennallen Voc-Ed Facility Upgrade	This project will renovate the 10,000 square foot vocational education facility built in 1995 with 960 and 1,664 square foot additions built in 1997. Major systems will be addressed, including civil/site, architectural, mechanical, and electrical. The scope of work includes replacement of damaged roofing, siding, and window flashing; seismic restraints for fuel tank, equipment, and piping; extension of DDC system to facility; and installation of additional fire alarm devices.
<b>Craig City</b>			
21	Maintenance	Craig Elementary School Door & Flooring Replacement	This project reimburses the school district for costs associated with the replacement of approximately 7,470 square feet of flooring in addition to replacement of front and rear entry doors, a kitchen door, panic bars and required hardware. This project is complete.
25	Maintenance	Craig Middle School Renovation	This project provides a renovation of the 13,088 square foot facility built in 1977 with a 2,769 square foot facility built in 1987, and a 10,267 square foot gym built in 1980. The scope of work includes replacement of windows, doors, siding, and roofing, replacement of the gym floor and hazardous material abatement, and major systems upgrades.
<b>Denali Borough</b>			
10	Maintenance	Anderson K-12 School Water Line Replacement	This project reimburses the district for the installation of 200 feet of buried water line, 200 feet of interior copper water line, and an electrical breaker panel for the 41,066 square foot facility originally built in 1973 with additions in 1977, 1979, and 1987. This project is complete.
43	Maintenance	Anderson K-12 School Roof & Siding Replacement, Cantwell K-12 School Roof Replacement	This project provides for replacing damaged plywood siding with metal siding, re-insulating and replacing metal roofing, regrading elevations for drainage, and repair of damaged wall sections of the 41,066 square foot facility at Anderson. Also provides for the re-insulation and replacement of the roof for the 17,141 square foot facility at Cantwell.
46	Maintenance	Districwide Security Upgrades	This project replaces exterior and interior doors at three schools built and remodeled between 1972 and 1999 to improve energy efficiency and security. Includes installation of electronic door locks, closed circuit monitoring, and security phones.
<b>Fairbanks</b>			
4	Maintenance	Barnette K-8 Magnet School Renovation, Phase 4	This project provides for completion of a renovation of the 39,054 square foot building built in 1960 and demolition of a 14,572 square foot addition built in 1970. The completion will include the exterior building envelope, windows, doors, and interior finishes; major systems installations in heating, ventilation, and electrical; hazardous material abatement; and a realignment of spacing to meet education needs.
41	Maintenance	Woodriver Elementary Renovation, Phase 3	This project provides for completion of a renovation of the 64,408 square foot elementary facility built in 1976. The completion will include a roof replacement and increased insulation layer; replacement of exterior doors, flooring, lighting, and heating system; finish upgrades; replacement of boiler with a natural gas-fired boiler; and asbestos abatement.

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51	Maintenance	Tanana Middle School Mechanical Upgrades	This project upgrades mechanical systems in the 91,309 square foot facility built in 1974 with a 9,760 square foot gymnasium addition in 1986. Scope includes replacing two firetube boilers with one gas-fired boiler and associated piping; installing a DDC system; replacing vent fans with heat recovery units; and installation of ADA compliant plumbing fixtures.
73	Maintenance	Joy Elementary Roof Replacement	This project provides for a roof replacement for the 27,973 square foot facility built in 1989. Scope includes removal of existing roof and insulation, repair of structural deficiencies, and installation of new vapor barrier, insulation, membrane, and flashing.
<b>Galena</b>			
14	Maintenance	Galena Interior Learning Academy Headquarters Classroom Building Renovation	This project renovates the 12,000 square foot facility built in 1984. Major systems will be addressed, including civil, architectural, structural, mechanical, and electrical. The project includes code compliance upgrades, roof replacement, installation of new air handling and heating systems, replacement of electrical devices and receptacles, and upgrades of fire alarm and sprinkler systems.
18	Maintenance	Sidney Huntington High School Floor Renovation	This project removes approximately 13,500 square feet of existing carpet and subfloor at the 32,415 square foot facility built in 1977. Existing flooring will be replaced with a new plywood subfloor and 2'x2' commercial carpet tiles.
<b>Haines</b>			
13	Maintenance	Mosquito Lake K-8 School Sprinkler Upgrades	This project reimburses the district for funds expended upgrading the sprinkler system at the 6,392 square foot elementary facility built in 1982. Scope includes removal of diesel fire pump and water tank and installation of an electric fire pump, water tank, and additional sprinkler piping and heads. This project is complete.
16	Maintenance	Haines Vocational Education Building Mechanical Upgrades	This project provides for mechanical upgrades at the 5,000 square foot Vocational Center built in 1977. The scope of work includes replacement of boiler, cabinet and unit heaters, air handling unit, exhaust fans and ductwork, parts cleaning tank, compressor and piping, emergency equipment and tempering valves, fire alarm system; installation of oil/water separator; removal of the hot water tank and replacement of the hot water generator; and hazardous material abatement.
35	Maintenance	Haines High School Air Handlers Replacement	This project replaces the air handling systems in the 44,097 square foot facility built in 1970 with 50,515 square feet of additions built between 1982 and 2007. Supply Air Ventilation Units and associated ductwork will be removed and Exhaust Air Fans and ductwork will be installed; controls will be upgraded to DDC.
47	Maintenance	Mosquito Lake K-8 School Air Handler Replacement	This project replaces the air handler system in the 6,392 square foot elementary facility built in 1982. Scope includes removal and replacement of the air handler unit, sensor, controls, and ductwork.

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57	Maintenance	Haines High School & Pool Locker Room Renovation	This project provides for a complete renovation of locker rooms at the 44,097 square foot facility built in 1970 with a 40,374 addition built in 2007 as well as the locker rooms at the 10,141 square foot swimming pool addition built in 1982. The scope of this project includes a complete reconfiguration of space in the pool and high school locker rooms to provide for a fitness room and a maintenance room, and a mechanical room. Renovation will include reconfiguration of showers, locker area, toilet areas and installation and modification of building systems.
<b>Hoonah City</b>			
27	Maintenance	Hoonah Campus Boiler Replacement	This project replaces the boilers servicing the 76,263 square feet of facilities on the school campus built between 1955 and 2002. Two existing boilers will be replaced with three smaller units, with installation of necessary plumbing, electrical, and chimney.
66	Maintenance	Hoonah Natatorium Plumbing Renovations	This project renovates the 16,773 square foot pool facility built in 1985 with a 10,114 square foot gymnasium addition in 1997. Scope includes removal and replacement of pool drain pipes and drain shutoff valves, installation of a trench drain around the pool perimeter, patching concrete, and refinishing the 2,600 square foot pool deck.
69	Maintenance	Hoonah Natatorium DDC Controls Upgrade	This project provides for installation of a DDC system in the 16,773 square foot pool facility built in 1985 with a 10,114 square foot gymnasium addition in 1997. Scope includes connection to existing DDC system in remainder of the school facility.
83	Maintenance	Hoonah Natatorium Fire Alarm Upgrade	This project upgrades the fire alarm system of the 16,773 square foot pool facility built in 1985 with a 10,114 square foot gymnasium addition in 1997. The scope of work includes refinishing of walls and ceilings required for installation.
<b>Hydaburg City</b>			
37	Maintenance	Hydaburg Elementary Roof Replacement	This project replaces the roof of the 14,295 square foot facility built in 1963 with a 3,150 square foot addition in 1992, and a 4,020 library and office built in 1975. Project scope includes repair of structural damage and installation of new underlayment, flashing, gutters, snow guards, and downspouts.
<b>Kake City</b>			
6	Maintenance	Kake High School Boiler Replacement, Phase 2	This project will remove an oil-fired boiler and install a propane-fired boiler, piping, and pad. The scope of work includes set up and connection of a propane tank, support slab and enclosure, and a buried supply line.
56	Maintenance	Kake High School Plumbing Replacement	This project will provide plumbing replacement at the 53,100 square foot facility built in 1973. An inspection of domestic water piping and diagnosis will allow for compromised piping to be replaced as required. All affected finishes and plumbing work will be repaired and restored.
68	Maintenance	Kake High School Cafeteria Floor Structural Repairs	This project provides for replacement of existing flooring of the multipurpose room/cafeteria of the 53,100 square foot facility built in 1973. Project scope includes removal of existing flooring, re-building of the floor structure, replacement of the sub-floor, and installation of vinyl flooring.

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<b>Kenai Peninsula</b>			
33	Maintenance	Kenai Middle School Asbestos Removal/Security Upgrade	This project provides for asbestos abatement and remodel of the 85,476 square foot facility built in 1972. The remodel is of the entrance and administrative area in order to provide visual interaction with those entering facility.
44	Maintenance	Homer High School Roofing Replacement	This project provides for a roof replacement at the 157,000 square foot Homer Senior High School built in 1985. Cedar wood shingles will be replaced with architectural grand asphalt shingles, with stepped flashing replacing the asphalt membrane.
<b>Ketchikan</b>			
31	Maintenance	Ketchikan High School Biomass Boiler	This project provides for installation of a wood pellet biomass boiler for the 100,000 square foot facility built in 1954 with 80,614 in additions between 1972 and 1993. Includes construction of a storage silo and feeding system, installation of insulated pipes to connect to existing circulation systems, and an exhaust stack and air pollution control device.
45	Maintenance	Ketchikan High School Security Upgrades	This project installs security features in the 100,000 square foot facility built in 1954 with 80,614 in additions between 1972 and 1993. Project scope includes a new surveillance system (software and hardware), application of a ballistics resistant coating to existing exterior glass windows and doors, and installation of 13 exterior doors.
62	Maintenance	Ketchikan High School Emergency Generator	This project provides for installation of a 750kw emergency standby electrical generating plant at the 100,000 square foot facility built in 1954 with 80,614 in additions between 1972 and 1993; connections to existing wiring and fuel sources are included.
<b>Kodiak Island</b>			
48	Maintenance	Larsen Bay K-12 School Roof Replacement	This project replaces 7,857 square foot of roof over the gym and shop wing of the facility with new insulation and a PVC roof assembly; asbestos abatement is included. Project contract has been awarded and is underway.
65	Maintenance	East Elementary School Roof Replacement	This project replaces the roof over the 19,178 square foot wing built in 1966 and installs additional insulation. Asbestos abatement is included.
74	Maintenance	East Elementary & Karluk K-12 School Underground Storage Tank Replacements	This project reimburses the district for removal of 31,600 gallons of underground fuel storage tanks and installation of 8,000 gallon above ground fuel storage tanks and piping systems at two sites. The scope of work includes an allowance for 10 cubic yards of soil remediation at each site.
91	Maintenance	East Elementary, Peterson Elementary & Ouzinkie K-12 School Flooring Replacements	This project provides for a total of 55,235 square feet of replacement flooring in three schools built between 1952 and 1980. The scope of work includes removal of existing carpet and mastic and replacement with a new VCT mastic and carpeting.
95	Maintenance	Kodiak Middle School Fire Panel Replacement	This project replaces existing fire panel and devices with a new code-compliant fire alarm system for the 65,494 square foot facility built in 1965.
96	Maintenance	Kodiak Middle School & Peterson Elementary HVAC Controls Replacement	This project replaces HVAC controls with new digital controls for two facilities totaling 105,461 square feet.

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99	Maintenance	East Elementary Interior Renovation	This project provides for renovation of the 38,975 facility built in 1966. Project scope includes new wall finishes, lighting, security system, and addressable fire alarm system.
102	Maintenance	Underground Storage Tank Replacements, 4 Sites (Chiniak, Port Lions, Old Harbor, Larsen Bay K-12 Schools)	This project provides for the removal of 20,400 gallons of underground fuel storage tanks and installation of above ground fuel storage tanks at four sites. Includes allowances for 10 cubic yards of soil remediation at each site.
<b>Kuspuk</b>			
9	Construction	Auntie Mary Nicoli Elementary School Replacement, Aniak	This project provides for a school replacement for the 18,159 square foot facility built in 1930 with four additions between 1955 and 1993. The new facility will not exceed 12,224 gross square feet and will include classrooms, a library, an elementary sized gymnasium, food service, mechanical spaces, circulation, and support space. The new facility will be built on land adjacent to the Aniak High School. Abatement and demolition of the existing school facility and site clean-up will be accomplished following construction of the new facility. The current facility operates at 60 percent capacity.
11	Construction	Johnnie John Sr. K-12 Replacement School, Crooked Creek	This project provides for a new facility not to exceed 8,285 square feet to replace 11,722 gross square feet of facilities built between 1980 and 1987. The new facility will contain classrooms, a library, an elementary sized gymnasium, food service space, mechanical spaces, circulation, and support spaces. Abatement and demolition of the current school buildings will be accomplished following the completion of the new facility. This facility currently operates at 70.35 percent capacity.
22	Maintenance	Jack Egnaty Sr. K-12 School Roof Replacement, Sleetmute	This project replaces the original roof with a metal roof at the 10,022 square foot school built in 1979. Ice and water shields and new flashing will be installed. Plywood decking and fascia will be replaced.
79	Maintenance	Districtwide Heating & Sprinkler Upgrades	This project provides for heating and sprinkler upgrades at facilities totaling 106,192 square feet built between 1957 and 1987. The scope includes boiler and hot water system replacements at four sites, installation of a new high efficiency boiler at one site, replacement of pneumatic to electronic zone valves at one site, and installation of fire suppression systems at all sites.
<b>Lower Kuskokwim</b>			
1	Construction	Kwethluk K-12 Replacement School - Kasayulie	This project is for the design and construction of a K-12 replacement school. It replaces 34,576 square feet of facilities built from 1956-1986 and 2 portables built in 1998 and 2002. Demolition and disposition of existing structures and fuel tanks totaling 95,521 gallons, site preparation, design and construction of a new 48,431 square foot facility, and site remediation are included in the scope of work. Currently, the school is operating at 159 percent capacity with 86 unhoused students.
4	Construction	Lewis Angapak K-12 School Renovation/Addition, Tuntutuliak	This project renovates the 19,382 square foot school constructed in 1980 and 1988. All major systems will be addressed including site/utilities, structural, architectural, mechanical and electrical. Fuel tanks, generators, exterior siding, interior finishes, furnaces, DDC controls, and the fire suppression and alarm system will be replaced. New water and sewage treatment systems will also be installed.

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6	Construction	J Alexie Memorial K-12 School Replacement, Atmautluak	This project provides for the design and construction of a 33,985 square foot K-12 replacement school. It replaces facilities built between 1970 and 2006. Demolition of existing structures is included. Currently the school is operating at 163 percent capacity with 42 unhoused students.
8	Construction	Bethel Regional High School Cafeteria Addition	This project provides a 7,310 square foot addition to the Bethel Regional High School built in 1971. The high school complex totals 79,066 gross square feet and includes the high school, two portable classrooms, a maintenance building, and two storage buildings. This addition will provide food service and storage areas. Currently the school is operating at 113 percent capacity with 59 unhoused students.
14	Construction	Water Storage & Treatment, Kongiganak	This project provides for water system upgrades at the 31,428 square foot Ayagina'ar Elitnaurvik K-12 School built in 2010. The scope of work includes installation of a service connection to a new 500,000 gallon raw water storage tank, as well as a pile foundation system. Existing nanofiltration equipment will be moved from the old school site to the new school site, and three tubular membrane units are to be added. Water treatment equipment will be relocated and a covered support structure on a new pile foundation system will house relocated connexes.
16	Construction	Bethel Campus Drainage and Traffic Upgrades	This project provides for signage and site improvements to increase pedestrian and vehicle safety at the 193,573 square feet of facilities at the Bethel campus. Provides for installation of drains and culverts, resurfacing of roadways to improve runoff, and re-grading site to eliminate ponding.
5	Maintenance	Bethel Campus Boiler Replacement	This project replaces three boilers originally installed in 1970 and adds a fourth boiler. Included are fuel meters, electronic wiring, boiler controls, new boiler flues, combustion air ventilation, and commissioning of the new systems. The scope of work also includes installation of a pitched truss metal roof over the boiler facility.
34	Maintenance	Bethel Campus Fire Pumphouse & Fire Protection Upgrades	This project provides for replacement of the fire pump house and water storage tank serving the 193,573 square feet of facilities at the Bethel campus. The scope of work includes two fire protection pumps, jockey pump, power supply, and associated piping.
39	Maintenance	Nuniwarmiut K-12 School Wastewater Upgrades, Mekoryuk	This project provides for wastewater upgrades for the 10,250 and 3,990 square foot Nuniwarmiut schools built in 1980 and 1986. Repair of a pressurized sewer line will include installation of a lift station with duplex grinder pumps and controls, 800 feet of glycol heat traced two-inch force main in buried arctic pipe, and waterproofing of utilidor. The old lift station, the above ground gravity line, and the force main between the old lift station and the new city lift station will be demolished.
64	Maintenance	Fuel Tank Remediation, Bethel	This project provides for disposal of old, unused fuel tanks at two sites with capacity over 200,000 gallons. Scope includes tank cleansing, dismantling, and petroleum and soil remediation.

### **Lower Yukon**

55	Maintenance	Scammon Bay K-12 School Emergency Lighting System Installation	This project reimburses the district for costs of emergency lighting in the 44,060 square foot K-12 facility built in 2005. The scope included installation of battery powered lamps throughout the facility. Gym and multipurpose room lighting was replaced with T5HO fluorescent lighting fixtures. This project is complete.
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58	Maintenance	Scammon Bay K-12 School Siding Replacement	This project provides for a siding replacement of the 44,060 square foot K-12 facility built in 2006. The scope of this project includes the removal and replacement of damaged vinyl siding and the installation of metal siding.
59	Maintenance	Fuel Tank & Soil Remediation, 4 Sites (Pilot Station, Ignatius Beans, Pitka's Pt., Scammon Bay K-12 Schools)	This project provides for removal of 260,380 gallons of bulk fuel storage tanks at four sites. Scope includes tank cleansing, disposal of tanks and sludge, and soil remediation.
67	Maintenance	Hooper Bay K-12 School Electrical Provisions Installation	This project reimburses the district for the costs of providing electrical power in the ceiling in immediate proximity of overheard projection systems. These systems were originally installed in instructional areas at the 73,864 square foot school built in 2006. This project is complete.
87	Maintenance	LYSD Central Office Renovation	This project provides for the renovation of the 8,100 square foot LYSD Central Office built in 1981, the 960 square foot warm storage building built in 1975, and the 1,749 maintenance garage built in 1982. Major systems upgraded will include replacement of the furnace and circulation pumps and installation of a 20,000 gallon water tank, interior and exterior doors, windows, floor finishes, auxiliary generator, exterior stairs, roof replacement, and an alarm system.
89	Maintenance	Marine Header & Pipeline, 2 Sites (Pilot Station & Ignatius Beans K-12 Schools)	This project provides for replacement of underground fuel lines at two sites and a marine header at one of the sites. Scope of work at Pilot Station includes approximately 2,550 linear feet of underground fuel line with a new marine header and installation of pig receivers/launchers at either end. Scope of work at Mountain Village includes approximately 2,000 linear feet of underground fuel line.
100	Maintenance	Hooper Bay K-12 School Emergency Lighting & Retrofit	This project replaces the lighting in the 73,864 square foot facility built in 2006. Scope includes installation of battery back-up emergency lighting throughout the facility and replacement of gymnasium lighting with T5HO fluorescent fixtures.
101	Maintenance	Security Access System Upgrades - 6 Sites	This project provides for security access improvements at six K-12 school sites. Key card access systems and intrusion alert systems with infrared and/or motion detection will be installed. Includes replacement of doors as needed to accommodate key card system.

### **Nenana City**

29	Maintenance	Nenana K-12 School Major Maintenance	This project renovates the doors, windows, and flooring throughout the 68,668 square foot facility and additions built between 1955 and 1986. Scope includes replacement of fire sprinkler system and ceiling tiles, asbestos abatement, renovation of locker rooms and bathroom, and replacement of exterior doors and frames, garage doors, and exterior windows throughout.
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### **Nome City**

3	Maintenance	Districtwide Lighting Replacement	This project reimburses the district for funds expended converting fluorescent lighting to LED fixtures throughout the 61,605 square foot elementary school built in 1987 and the 77,680 square foot high school and 14,445 district office built in 1962. This project is complete.
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24	Maintenance	Nome Elementary School Gym Flooring Replacement	This project provides HVAC control upgrades for a 61,605 square foot school facility built in 1987. The scope of work includes removal and disposal of existing flooring, and installation of rubber athletic flooring.
<b>Northwest Arctic</b>			
2	Construction	Kivalina K-12 Replacement School - Kasayulie	This project provides for a new facility, approximately 34,425 square feet, to replace facilities built between 1962 and 1984. Scope includes some site development and utilities. Current facility is at 175 percent capacity with 56 unhoused students.
17	Maintenance	Buckland K-12 Heating System Improvements	This project replaces the heating system for the 44,922 square foot school built in 1961 with additions in 1979, 1984, and 2001. Included in the project is the replacement of the local electric controls with hydronic LonWorks controllers, replace constant speed circulating pumps with variable speed pumps, add carbon dioxide sensors throughout the school, and commission the mechanical systems.
<b>Petersburg City</b>			
1	Maintenance	Petersburg Middle/High School Boiler Rehabilitation	This project reimburses the district for repairing and retubing the existing boiler that serves the 63,865 square foot school facility built between 1950 and 1985 and the 19,969 square foot gym. This project is complete.
8	Maintenance	Districtwide Food Service Renovations	This project renovates the kitchen and food service areas in the 34,419 square foot elementary facility built in 1964 and creates a food service area in the 82,889 square foot middle/high school facility built in 1950 with additions in 1975 and 1985. Scope includes new equipment, fixtures, and finishes. New mechanical and electrical systems will be installed and modified as needed.
<b>Saint Marys</b>			
3	Construction	Andreafski High School Gym Construction	This project provides for construction of a new gym at the 13,997 square foot high school facility built in 1983. The 13,768 square foot gym will be constructed on a thermopile foundation system. The scope of work will include installation of a 25,000 gallon fuel tank and site and utility work as required. Current facility is at 196 percent capacity with 38 unhoused students.
15	Maintenance	St. Mary's Campus Upgrades	This project upgrades the gymnasium at the 1974 elementary school, renovates the maintenance/storage quonset hut built in 1944, provides campus security features, and upgrades the elementary school playground to meet current safety standards.
<b>Southeast Island</b>			
12	Construction	Kasaan K-12 School Covered Physical Education Area	This project provides for a covered play area of 3,000 square feet for the Kasaan school. The structure will include a foundation and a concrete floor as well as a roofing system and lighting for winter and evening use.
20	Maintenance	Thorne Bay Multipurpose Building Roof Replacement	This project provides for a roof replacement at the 7,568 square foot facility built in 1971. The scope of this project will include re-roofing the main portion of the building with a concealed metal roofing system as well as demolition of a furnace room and construction of a shed roof on the east wall.

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36	Maintenance	Thorne Bay K-12 School Fire Suppression System Replacement	This project provides replacement fire sprinklers for a 21,750 square foot facility built in 1989 and a 19,902 square foot multipurpose facility built in 1992. The scope of work includes the replacement of automatic fire suppression distribution pipes, fittings and sprinkler heads, and installation of a new air compressor.
63	Maintenance	Port Alexander K-12 School Domestic Water Pipe Replacement	This project provides for water pipe replacement and upgrades in the 1,584 square foot Port Alexander Elementary built in 1980 and the 2,516 square foot Port Alexander School built in 1985. The scope of work includes removal and replacement of contaminated water lines.
72	Maintenance	Thorne Bay K-12 School Underground Storage Tank Replacement	This project provides for removal of two underground fuel storage tanks, remediation allowance of 150 cubic yards of soil, and installation of two 2,000 gallon double-wall above ground fuel storage tanks with pad and fenced enclosure.
85	Maintenance	Thorne Bay K-12 School Mechanical Control Upgrades	This project provides for mechanical upgrades for the 21,750 square foot Thorne Bay School built in 1989 and the 19,902 square foot multipurpose building built in 1992. Direct Digital Control systems will replace pneumatic mechanical controls.
88	Maintenance	Port Protection K-12 School Gymnasium Relocation & Foundation	This project reimburses funds to the district for the relocation and placement on a temporary foundation of a 1,700 square foot gym built in 1982. Provides funds for construction of a permanent foundation.
90	Maintenance	Port Alexander & Thorne Bay K-12 Schools Roof Replacement	This project provides for two roof replacements at facilities in Port Alexander and Thorne Bay totaling 43,236 square feet. The scope of work includes removal and disposal of existing roof, repair and replacement of damaged structural areas, installation of new underlayment and shields, and installation of new roof system, flashing, and gutters.
97	Maintenance	Thorne Bay & Port Protection K-12 Schools Gymnasium Lighting Upgrades	This project provides lighting upgrades for two facilities totaling 21,602 square feet built in 1992 and 1982. The scope of this project includes interior lighting fixture upgrades to T-5 and T-8 light fixtures in interior areas as well as exterior lighting fixture upgrades.

### **Southwest Region**

77	Maintenance	Twin Hills K-8 School Renovation	This project provides for a renovation of the 6,617 building built in 1967. The exterior envelope will be renovated and the interior will receive upgrades. Exterior doors and frames will be replaced, and new windows and a new roof will be installed. Interior doors and frames, ceiling tiles, carpeting, and floors will be replaced; mechanical upgrades to HVAC and DDC systems will be completed; and a new fire alarm panel, sprinkler system, and water storage tank and pump will be installed. All lighting fixtures will be upgraded.
84	Maintenance	Manokotak K-12 School Sewer & Water Upgrades	This project provides for removal of the existing district-operated lift station and grinder pumps and connection to the village-supplied water service for the 39,200 square foot facility built in 2001.

<b>Priority</b>	<b>Category</b>	<b>Project Name</b>	<b>Project Description</b>
92	Maintenance	Ekwok K-8 School Renovation	This project provides for the renovation of the 9,644 square foot facility built in 1979 and the replacement of the 48,240 gallon bulk fuel storage installed in 1958. The renovations will include exterior replacement of doors and frames, windows, and the roof as well as repair of the building envelope, insulation, and sealant. Interior renovations and upgrades will include replacement of doors and frames, flooring including gym flooring, acoustical ceiling tiles, bathroom fixtures, lighting fixtures, and the sprinkler system and fire alarm panel.
94	Maintenance	Aleknagik K-8 School Renovation	This project provides for renovations of the 13,892 square foot K-8 school built in 1982. The scope of this project includes replacement of doors and frames, windows, acoustical ceiling tiles, flooring including the gym floor, and lighting fixtures; upgrades to electrical and mechanical systems, including HVAC and DDC systems; and code upgrades to fire protection systems include a sprinkler systems, fire pump, water storage tank, fire alarm panel and appropriate new wiring and devices.

### **Valdez City**

7	Maintenance	Hermon Hutchens Elementary HVAC System Upgrades	This project reimburses the district for funds expended to upgrade the HVAC systems and replace the existing three boilers in the 96,000 square foot facility build in 1980. Scope includes demolition of pneumatic control system, piping, and accessories; installation of DDC system; replacement and cleaning of ducting; and replacement of unit heaters. This project is complete.
19	Maintenance	Hermon Hutchens Elementary Fire Alarm, Clock, And Intercom Replacement	This project reimburses the district for funds expended to replace the fire alarm, master clock, intercom, and public announcement system at the Hermon Hutchens Elementary School built in 1980. This project is complete.
28	Maintenance	Hermon Hutchens Elementary East Wing Flooring Replacement	This project reimburses the district for funds expended to replace approximately 30,000 square feet of flooring and 3,700 linear feet of base for portions of the 96,000 square foot elementary built in 1980 and a portion of the district administration building built in 1980. This project is complete.
50	Maintenance	Valdez High School/Hermon Hutchens Elementary Gym Lighting Upgrades	This project provides for replacement of lighting fixtures in the gyms of the 91,000 square foot high school built in 1976 and the 96,000 elementary built in 1980. Scope includes replacement of a total of 158 metal halide fixtures with 148 T5HO fixtures as well as wiring, conduit, and contractors.

### **Wrangell City**

49	Maintenance	Wrangell High School/Stikine Middle School Fire Alarm Upgrades	This project provides for fire alarm upgrades at the 58,096 square foot high school built in 1985 with an addition in 1987, and the 20,967 square foot middle school built in 1979 with an addition in 1989. The scope of work will include replacement of existing fire alarm systems with one addressable fire alarm system for both facilities, which are in close proximity.
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### **Yakutat City**

70	Maintenance	Yakutat High School Locker Room Renovation	This project provides for a complete renovation of locker rooms at the 17,801 square foot facility built in 1973 with a 12,052 addition built in 1985. Scope includes remodeling for compliance with ADA codes; replacement of interior doors, plumbing fixtures, lighting, tile work, ceilings, lighting, lockers, and benches; and reinstalling fire alarms, clocks, and intercoms.
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<b>Priority</b>	<b>Category</b>	<b>Project Name</b>	<b>Project Description</b>
71	Maintenance	Yakutat Schools Mechanical System Upgrades	This project provides for HVAC and mechanical system upgrades for the 17,801 square foot high school facility built in 1973 with a 12,052 square foot addition in 1985, the 18,470 square foot elementary school facility built in 1979, and the 3,480 square foot vocational education building built in 1970. Scope includes replacing boilers, installing three fuel tanks with a total capacity of 2,500 gallons and associated piping, replacing heating and ventilation systems, installing DDC systems, and abating asbestos materials as required.
75	Maintenance	Yakutat High School Exterior Upgrades	This project provides for complete renovation of the exterior envelope of the 17,801 square foot facility built in 1973 with a 12,052 square foot addition in 1985. Scope includes removal of existing siding; repair of damaged structure and insulation; installation of new furring, insulation, air barrier, and metal siding and flashing; replacement of windows, exterior doors, frames, curtain-walls, and exterior lighting.

### **Yukon Flats**

40	Maintenance	Boiler & Control Upgrades, 4 Schools (Fort Yukon, Beaver, Chalkyitsik, Stevens Village K-12 Schools)	This project provides boiler and control upgrades for 4 schools including a vocational educational center, Beaver School, Chalkyitsik School, and Stevens Village School. The scope of work at Chalkyitsik and Stevens Village will include re-plumbing of mechanical rooms, while work at Fort Yukon and Beaver will include replacement of all mechanical equipment and boilers. The gross square footage of affected facilities is 43,540 square feet.
53	Maintenance	Venetie K-12 School Generator Building Renovation	This project will renovate the existing 2,128 square foot generator building at the Venetie school site. The scope of work includes demolition of interior partition walls and concrete floor slab and under-slab insulation, removal and remediation of contaminated soil, installation of new insulation layer, replacement of concrete floor slab, reconstruction of interior walls, and reinstallation of equipment and two new replacement boilers and one replacement electrical generator.
60	Maintenance	Chalkyitsik K-12 School Water Tank Replacement	This project provides for a water tank replacement for the Tsuk Taih School and area facilities totaling 16,687 square feet. The scope of work includes disposal of the existing wood-stave tank and installation of a replacement steel tank including an insulated gravel pad and hydronic tank heating to prevent freezing.
76	Maintenance	Fort Yukon K-12 School Soil Remediation & Tank Farm Replacement	This project provides for replacement of 40,000 gallons in fuel tanks with double walled fuel tanks totaling 40,000 gallons as well as extensive soil remediation. The scope of work includes dismantling and disposal of existing tanks as well as installation of new tanks. Excavation of contaminated soils and removal to another site for land farming for periodic maintenance over 3-4 summers will complete the project.
78	Maintenance	Cruikshank School Soil Remediation & Fuel Tank Replacement, Beaver	This project provides for new double wall fuel tanks totaling 30,000 gallons as well as extensive soil remediation. Existing tanks totaling 30,000 gallons will be removed and disposed of; new insulated building pad, security fencing, tanks, and piping installed; and contaminated soils will be excavated and treated via a land farming process over 3-4 summers.

<b>Priority</b>	<b>Category</b>	<b>Project Name</b>	<b>Project Description</b>
86	Maintenance	Venetie K-12 School Soil Remediation & Fuel Tank Replacement	This project provides for soil remediation and fuel tank replacement at the John Fredson School site. Fuel tanks totaling 41,000 gallons will be replaced with double wall fuel tanks within insulated pads and containment berms; piping and connect supply lines will be installed, and existing tanks will be disposed of. Contaminated soils will be mitigated over time using a land farming process over 3-4 summers.
98	Maintenance	Stevens Village K-12 School Soil Remediation & Fuel Tank Replacement	This project provides for replacement of two 9,600 gallon fuel tanks installed in 1987 in Stevens Village as well as soil remediation. New pad, security fencing, and containment areas will be constructed and two new 9,600 gallon fuel tanks will be installed. Existing fuel tanks will be dismantled and disposed of, and soil contaminated will be mitigated using land farming methodologies.

### **Yukon-Koyukuk**

5	Construction	Jimmy Huntington K-12 Addition/Renovation, Huslia	This project will provide for an addition of 11,282 square feet to facilities in Huslia. The facilities include a total 17,379 square feet and were built between 1960 and 1984. The scope of work includes an addition that will unite three structures into one school unit totaling 26,773 square feet. 1,248 square feet of existing space will be demolished. New mechanical and ventilation systems will be installed, a new mechanical module will house boilers, electrical service and generators, the fire sprinkler building will be relocated, a new parking area and service entrance will be developed, and a new playground will be built. Interior finishes will be replaced as well as worn carpet and ceiling tiles. The gymnasium will be expanded and the floor replaced. Current capacity is at 146 percent with 26 unhoused students.
2	Maintenance	Andrew K Demoski K-12 School Renovation, Nulato	This project will correct building code deficiencies, renew and replace building components, and renovate the 24,874 square foot facility built in 1974. Included is the replacement of emergency systems, the HVAC system, lighting, and the power distribution system. The existing kitchen will be renovated to provide a code compliant commercial kitchen. The gym flooring and substrate will be replaced and restrooms and interior finishes will be renovated. Exterior doors and windows will be replaced. Asbestos containing material will also be removed.

### **Yupiit**

17	Construction	Parking And Drive Resurfacing, 3 Schools	This project provides for resurfacing in Akiachak, Akiak, and Tuluksak K-12 facilities as well as the district wide office. These facilities were built between 1991 to 2005. The scope of this project includes resurfacing of parking and access drives.
30	Maintenance	Districtwide Fuel Tank Farm Removal/Replacement	This project provides for the removal and replacement of fuel tanks installed from 1956 to 1980 and totaling 365,500 gallons. The scope of work includes the removal and disposal of tanks at three sites, and the installation of double walled self-diking tanks on skids at two sites. 9 tanks will be installed totaling 195,000 gallons.
93	Maintenance	Akiak K-12 School Power Generation	This project provides for a new power generator for the 29,659 square foot school facility built in 2005. The scope of this project includes design and installation of a prime power rated generator set with heat recovery.