

State of Alaska
Department of Education and Early Development
Capital Improvement Projects (FY2018)

Project Descriptions

<i>Priority</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>
Alaska Gateway			
27	Maintenance	Tok K-12 School Sprinkler Renovation	This project replaces the dry sprinkler system in the 75,640 square foot facility built in 1994. The scope of work includes removal of existing piping; installation of new compressor, piping, fittings, and sprinkler heads; and repair of damaged finishes.
50	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. Kitchen equipment, flooring, cabinets and vent hoods will be replaced. New security, fire alarm, and fire suppression systems will be installed.
Aleutians East			
7	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.
11	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.
8	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 built in 1983 with an addition in 1984. The 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.
40	Maintenance	Sand Point K-12 School Pool Major Maintenance	This project reimburses the district for funds expended to repair the failing pool deck gutter system of the 75 x 28 foot pool originally built in 1984. The scope of work included removal of aluminum gutter and installation of PVC gutter system with connection to existing plumbing, repair of PVC pool membrane, and installation of new deck surface. This project is complete.

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Anchorage		
5 Maintenance	Rogers Park Elementary School Roof Replacement & Seismic Upgrades	This project replaces the roof and roof drainage system installed in 1991 at the 55,403 square foot facility originally built in 1963, with additions between 1966 and 1991. The scope of work includes the removal of EPDM and metal roofing to structural deck and installation of new insulation and adhered EPDM roofing. Rain leaders, drains, parapets, roof access and roof-mounted exhaust fans will also be upgraded.
7 Maintenance	Romig Middle School Gym Seismic Repairs	This project is to repair structural damage and make seismic improvements to the 9,900 square foot gym of the facility built in 1963. The gym has been closed since January 2016. The scope of work includes removal of roofing, repair and replacement of concrete beams, steel plates, and wall anchors, and installation of a new EPDM roof. Project contract has been awarded and is underway.
38 Maintenance	Goldenview Middle School Water Main Replacement	This project will remove and replace approximately 2500 linear feet of existing underground waterline at the 159,209 square foot facility built in 1997, portions of which have failed due to corrosion. The scope of work includes removing existing ductile iron pipe and replacement with PVC piping. The project also includes replacement of impacted fire hydrants, valves, asphalt, sidewalks, and landscaping.
41 Maintenance	Central Middle School Seismic Improvements	This project will repair and reinforce structural components to improve seismic stability of the 159,209 square foot facility built in 1997. The scope of work includes installation of bracing, steel plates, and new poured footings for interior masonry walls. Incidental work includes suspended ceiling and flooring replacement in the areas of seismic repairs. Hazardous material abatement is also included.
48 Maintenance	Student Nutrition Boiler Replacement & Energy Upgrades	This project replaces the existing 28 year-old boilers system at the 48,729 square foot facility built in 1988. The scope of work includes removal of three existing steam boilers and installation of two new steam boilers with associated support equipment. In addition, the project will install a water heater, additional venting, and circulation pumps; upgrades to the freezers and refrigeration system, replacement of lighting, and upgrades to the DDC system are also included.
57 Maintenance	Willow Crest Elementary Roof Replacement	This project replaces the existing 1988 and 1994 metal and paver roof with EPDM and upgrades the roof drainage system over the 54,304 square foot facility built in 1960, with additions between 1962 and 1994.
59 Maintenance	Nunaka Valley Elementary School Roof Replacement	This project replaces the EPDM roof and roof drainage system installed in 1991 at the 44,100 square foot facility originally built in 1959, with additions between 1961 and 1998.
71 Maintenance	King Career Center Roof Replacement	This project replaces 98,820 square feet of roof and roof drainage system for the 133,669 square foot facility built in 1974, with an addition built in 1991.
76 Maintenance	Northwood Elementary School Roof Replacement	This project replaces 36,000 square feet of roof installed in 1987, as well as upgrades roof drainage system for the 61,115 square foot facility built in 1963, with additions between 1966 and 1987.

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84	Maintenance	Multi-Site Sprinkler Upgrades (East & Service HS)	This project will install a sprinkler system to be integrated with existing fire suppression systems in the 1983 gymnasium addition of Service High School and in a portion of East High School, which was originally built in 1966, with additions between 1966 and 2003. Hazardous material abatement is included.
89	Maintenance	Campbell Elementary School Roof Replacement	This project replaces the roof and roof drainage system over 33,900 square feet of facility additions built between 1970 and 1995.
100	Maintenance	Muldoon Elementary School Roof Replacement	This project replaces the 17,000 square feet of asphalt shingle roof with EPDM and upgrades the roof drainage system of the 61,599 square foot facility built in 2000.

Annette Island

13	Construction	Metlakatla Schools Track and Field Construction	This project will perform excavation and grading, install drainage piping, and construct a fenced four-lane running track surface and athletic field with bleachers at a central location that will serve three schools totaling 80,850 square feet.
13	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 and renovated in 2010. The scope of work includes asbestos remediation, replacement of walls, floor, ceiling, cabinets, equipment, plumbing, and a walk-in freezer. The fire suppression system and restrooms were also upgraded. This project is complete.
69	Maintenance	Metlakatla High School Gym Acoustical Upgrades	This project is make improvements to the acoustic performance and upgrade the sound system in the gymnasium at the 41,000 square foot facility built in 1968 and renovated in 2010. The scope of work includes installation of acoustic panels at the ceiling and upper walls and to reimburse the district for costs related to replacement of the sound system. A portion of this project is complete.

Bering Strait

1	Construction	Shishmaref K-12 School Renovation/Addition	This project will provide for a 12,387 square foot addition at the 27,607 square foot facility built in 1976 with additions in 1982 and 2003. The project will add 11 classrooms to the facility. A new fire alarm system will be installed and fuel tanks replaced and relocated. Portable classrooms will be relocated or disposed of. This facility currently operates at 186 percent of operating capacity with 86 unhoused students.
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Bristol Bay Borough

3	Maintenance	Bristol Bay School Renovation	This project will renovate the 86,642 square foot facility originally built in 1968 with additions in 1970, 1981, and 1993. Major systems will be addressed including site/civil, structural, mechanical, and electrical. The scope of work includes replacement of exterior envelope, interior finishes, and plumbing; upgrade of the electrical service; installation of oil-fired backup boilers and a 300kw generator. Existing spaces will be reconfigured for security, space efficiency, and code compliance. Also includes upgrades to water wells, installation of wastewater treatment, and hazardous material abatement.
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Chatham			
14	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.
55	Maintenance	Fire Alarm Upgrades - 3 Sites	This project is to address fire alarm system deficiencies at three school sites, in facilities built between 1960 and 1983, totaling 66,011 square feet. The scope of work includes removal of existing systems, and installation of new, addressable fire alarm systems. Devices, wiring, and alarm panels will be upgraded as needed.
60	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.
Chugach			
26	Maintenance	Chenega Bay K-12 School Rehabilitation	This project will renovate the 7,892 square foot school built in 1990 to correct code deficiencies and life safety issues, renew and replace building components, and incorporate energy upgrades. The scope of work, which addresses site/civil, structural, mechanical, and electrical systems, includes replacement of the exterior envelope, boiler and HVAC systems, stand-by generator, and plumbing; installation of a fire suppression and alarm system, additional insulation, and LED lighting fixtures; and upgrades to flooring and finishes.
28	Maintenance	Tatitlek K-12 School Rehabilitation	This project will renovate 14,972 square feet of facilities built between 1983 and 1989 to correct code deficiencies and life safety issues, renew and replace building components, and incorporate energy upgrades. The scope of work, which addresses site/civil, structural, mechanical, and electrical systems, includes replacement of exterior envelope, interior finishes, and generator; installation of two high-efficiency boilers, a DDC system, LED lighting, and an intercom system.
Copper River			
32	Maintenance	District Office Roof Renovation and Energy Upgrade	This project will address the failing roof of the 15,156 square foot facility built in 1961 and 3,440 square foot addition built in 1972 and make energy upgrades. The scope of work includes removal of the existing roofing and insulation, repair of damaged wood deck, and installation of a new membrane roof and insulation. Energy efficiency upgrades include replacing lights and installing occupancy sensors, insulating foundation, installing DDC system, replacing exterior door, and installing new vinyl windows.
74	Maintenance	Glennallen Voc-Ed Facility Renovation	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. The project addresses civil/site, architectural, mechanical, and electrical systems. 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.

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Craig City			
11	Maintenance	Districtwide Energy Upgrades	This project reimburses the district for replacement of metal halide, high pressure sodium, halogen, and incandescent fixtures with LED lighting in high use areas of the facilities built between 1977 and 2001, totaling 87,327 square feet. Project also included replacement of air handlers and DDC controller. This project is complete.
35	Maintenance	Craig Elementary School Door and 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.
37	Maintenance	Craig Middle School Siding and Windows	This project reimburses the district for costs associated with the replacement of siding and windows at the 16,295 square foot school built in 1977, with additions between 1978 and 1997, and the 10,267 square foot gymnasium built in 1980. The scope of work includes installation of metal siding and vinyl windows and repair of substructure. This project is complete.
54	Maintenance	Craig Middle School Gym Floor Replacement	This project provides for replacement of the flooring at the 10,267 square foot facility built in 1980. The scope of work includes leveling and repair of subsurface concrete slab, installation of rubber flooring and retractable bleachers. Hazardous material abatement is also included.
79	Maintenance	Craig High School Biomass Boiler	This project provides for the design and construction of a 1 MMBTU biomass boiler system for the 44,492 square foot school built in 2000. The scope of work includes microchip boiler, fuel storage and feed system, electrical, and heat exchanger to integrate into existing hydronic system.
Denali Borough			
6	Maintenance	Anderson K-12 School Water Line Replacement	This project reimburses the district for costs to install 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.
29	Maintenance	Tri-Valley School Coal Heat Conversion	This project reimburses borough funds expended to extend heating from the central coal-fired boiler to an 11,000 square foot addition built in 1999. The coal boilers already heat the remaining 39,966 square feet built between 1972 and 1987. The scope of work includes installation of a heating loop and providing heat exchangers in each location. The borough received a grant from DCED to start the project. A contract has been awarded and the project is underway.
36	Maintenance	Cantwell K-12 School Roof Replacement	This project replaces the roof on the 17,151 square foot facility built in 1973 with additions in 1979 and 1994. The scope of work includes removal of existing roofing materials, roof deck repairs, and installation of new insulation, vapor barrier, and metal roofing.

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Fairbanks			
9	Maintenance	Barnette Magnet K-8 School Renovation, Phase 4	This project completes a renovation of the 39,054 square foot building built in 1960, with additions in 1970, 1974, and 2013. The completion will include the exterior building envelope, windows, doors, and interior finishes; major systems installations in heating, ventilation, and electrical; demolition of the 14,572 square foot 1970 addition; hazardous material abatement; and a realignment of spacing to meet education needs.
25	Maintenance	Administrative Center Air Conditioning and Ventilation Replacement	This project reimburses the district for funds expended to replace air conditioning systems in the 1993 district office. Scope of work included installation of 4 rooftop chiller units, 5 spot chillers, and a new DDC system. This project is complete.
87	Maintenance	Joy Elementary Roof Replacement	This project will reinsulate and replace the roof of the 27,973 square foot addition to the facility built in 1989. Project scope also includes replacement of the clearstory windows of the multi-purpose room.
95	Maintenance	Ladd Elementary Roof and Exterior Upgrades	This project renovates the roof of the 63,455 square foot facility built in 1992 by re-sloping for better drainage, adding insulation, and replacing the roof system. Additional project scope items include replacement of exterior windows and doors and installation of exterior LED lighting and additional insulation.
Galena			
4	Maintenance	Galena Interior Learning Academy 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. Existing spaces will be reconfigured for instructional improvements and efficiency. The scope of work also includes building envelope and code compliance upgrades.
Haines			
45	Maintenance	Haines High School Locker Room Renovation	This project provides for a complete renovation of high school locker rooms at the 45,323 square foot facility built in 1970. The scope of work includes a reconfiguration of the showers, locker area, and toilet areas for ADA compliance and to provide for a fitness room. Renovation will include installation and modification of ventilation, plumbing, lighting, and fire suppression systems.
63	Maintenance	Haines High School Roof Replacement	This project replaces approximately 33,125 square feet of asphaltic and membrane roofing material on the original 45,323 facility built in 1970. Scope of work includes removal and possible abatement of existing material, roof deck repairs, and installation of new insulation, vapor barrier, and EPDM membrane roofing.
Hoonah City			
31	Maintenance	Hoonah Central 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 systems.

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Hydaburg City			
8	Construction	Hydaburg School Covered Playground Structure	This project replaces the existing 7,200 square foot outdoor play court with construction of a new 3,333 square foot covered play area to support school facilities totaling 45,362 square feet. The scope of work includes demolition of the existing concrete slab and installation of a new foundation, roof support structure and partial walls, fencing, and LED lighting.
9	Construction	Hydaburg Elementary Playground Upgrades	This project will upgrade the playground of the 14,295 square foot facility built in 1963 with 4,020 and 3,150 square foot additions in 1975 and 1992. Scope of work includes construction of a 300 linear foot chain link fence enclosure and installation of rubber tiles and rubber chips.
49	Maintenance	Hydaburg Elementary Roof Replacement	This project replaces the metal roofing over the classroom wing of the 17,445 square foot facility built in 1963 with an addition in 1992. Project scope includes repair of structural damage and installation of new underlayment, flashing, gutters, snow guards, and downspouts.
Kake City			
1	Maintenance	Kake Schools Boiler #2 Replacement	This project reimburses the district for costs to remove an oil-fired boiler and install a propane-fired boiler, piping, and pad for the 82,000 square feet of facilities built between 1955 and 2004. The scope of work includes set up and connection of a propane tank, support slab and enclosure, and a buried supply line. This project is complete.
70	Maintenance	Kake High School Plumbing Replacement	This project will provide for replacement of the domestic water piping at the 53,100 square foot facility built in 1973. An inspection and diagnosis will allow for compromised piping to be replaced as required. All affected finishes will be repaired and restored.
72	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 the floor structure, replacement of the sub-floor, and installation of vinyl flooring.
88	Maintenance	Exterior Upgrades - Main School Facilities	This project provides for rehabilitation of building envelope finishes of the facilities totaling 75,900 square feet, built between 1973 and 2004. Project scope includes repair of siding and trim, prep and paint of exterior surfaces, repair of concrete siding joints, and replacement of flashing and gutters, extension of roofline over main entry.
Ketchikan			
5	Construction	Houghtaling Elementary Traffic Safety Revisions	This project reconfigures sidewalks and parking areas at the 62,500 square foot facility built in 1960 to create designated student drop-off zones for bus and private auto. The scope of work includes construction of a new driveway, bus pullout, and sidewalks; existing walks, retaining walls, and landscaping will be modified as necessary.

Priority	Category	Project Name	Project Description
19	Maintenance	Houghtaling Elementary Roof Replacement	This project replaces the roof system of the 62,500 square foot facility built in 1960. The scope of work includes removal of existing roofing to the structural deck, installation of an EPDM roof system and additional insulation, as well as replacement of roof drain piping within the interior wall framing.
Kodiak Island			
93	Maintenance	Larsen Bay K-12 School Energy and Code Upgrade	This project provides for code and energy upgrades at the 20,018 square foot facility built in 1980. Project scope includes replacement of the fire alarm system and HVAC equipment, removal of an underground fuel storage tank, installation of exterior doors and windows, and upgrades to lighting and HVAC controls.
99	Maintenance	Ouzinkie K-12 School Lighting and HVAC Upgrade	This project replaces and upgrades the lighting and HVAC controls at the 9,901 square foot facility originally built in 1971 and the 2,165 square foot addition built in 1995.
103	Maintenance	Larsen Bay and Port Lions K-12 Schools Flooring Replacement	This project provides for replacement of carpet and vinyl flooring in the 20,018 square foot facility built in 1980 and 1988 and the 20,237 square foot facility built in 1988. Additional scope of work will include preparation of the subfloor and abatement of hazardous materials as needed.
106	Maintenance	North Star Elementary HVAC Controls Replacement	This project replaces existing HVAC controls with a DDC system at the 39,600 square foot facility built in 1993.
Kuspuk			
4	Construction	Auntie Mary Nicoli Elementary School Replacement, Aniak	This project provides for a school replacement for the original school constructed in 1930 and four additions constructed between 1955 and 1993 for a total of 18,159 square feet. The new facility will not exceed 16,059 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 is operating at 73 percent capacity.
47	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. The scope of work includes removal of existing roofing, repairs to plywood decking, installation of ice and water shield, flashings, and new roofing. Deteriorated fascia will also be replaced.
Lower Kuskokwim			
2	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 at a new site. It replaces 19,044 square feet of facilities and additions built between 1970 and 2006. Demolition of existing structures is included. Currently the school is operating at 169 percent capacity, with 45 unhoused students.

Priority	Category	Project Name	Project Description
3	Construction	Eek K-12 School Renovation/Addition	This project provides for renovation of the 17,274 square feet of facilities built between 1979 and 1982. Project scope includes demolition of some existing facilities and adds approximately 12,955 square feet, not to exceed 30,229 square feet of total facilities. Major systems will be addressed, including architectural, civil, structural, mechanical, and electrical. Scope also includes installation of HVAC Direct Digital Controls, emergency lighting, and fire pump and sprinkler system; replacement of sewer lift station, exterior doors, and underbuilding soffits; and remediation of hazardous materials. Currently the school is at 173 percent capacity, with 43 unhoused students.
6	Construction	Water Storage & Treatment, Kongiganak	This project provides for water system upgrades at the 31,428 square foot school built in 2010. The scope of work includes installation of a service connection to a new 500,000 gallon raw water storage tank on 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 the relocated pre-fab containers.
10	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 signage, drains, and culverts; resurfacing of roadways to improve runoff; and re-grading site to eliminate ponding.
16	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 asbestos abatement and installation of a 50,000 gallon tank, two fire protection pumps, jockey pump, power supply, and associated piping.
22	Maintenance	Nuniwaarmiut K-12 School Wastewater Upgrades, Mekoryuk	This project provides for wastewater upgrades for the 10,250 square foot school built in 1980 and 3,990 square foot 1986 addition. 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.
66	Maintenance	Bethel Regional High School Boardwalk Replacement	This project replaces the elevated boardwalk serving the 75,972 square foot school. The scope of work includes construction of a steel-framed, wood planked walkway and stair with installed lighting.
Lower Yukon			
46	Maintenance	Hooper Bay K-12 School Emergency Lighting & Retrofit	This project reimburses the district for costs of emergency lighting in the 73,864 square foot K-12 facility built in 2006. Scope included installation of battery back-up LED emergency lighting throughout the facility and replacement of gymnasium and multipurpose room lighting with LED fixtures. This project is complete.

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56	Maintenance	Hooper Bay K-12 School Exterior Repairs	This project reimburses the district for funds expended to replace the siding and roof of the 73,864 square foot facility built in 2006. Scope of work included replacement of vinyl siding and composite shingle roof system with metal; repair of roof and siding substructure; and replacement of exterior windows and doors. This project is complete.
61	Maintenance	Scammon Bay K-12 School Siding Replacement	This project will upgrade the exterior of the 44,060 square foot facility built in 2005. The scope of work includes replacing the existing vinyl siding with metal siding, upgrading exterior lighting to LED, and replacing exterior doors to allow for a key card security feature.
67	Maintenance	Scammon Bay K-12 School Emergency Lighting & Retrofit	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 back-up lamps throughout the facility. Gym and multipurpose room lighting was replaced with T5HO fluorescent lighting fixtures. This project is complete.
68	Maintenance	Marine Header & Pipeline Projects, 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.
92	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, lighting, auxiliary generator, exterior stairs, roof replacement, and an alarm system.
97	Maintenance	Sheldon Point K-12 School Siding Replacement, Nunam Iqua	This project will upgrade the siding of the 20,530 square foot facility built in 2008. Scope of work includes removal of existing vinyl siding and installation of metal siding.
105	Maintenance	Security Access Project, 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.
107	Maintenance	Kotlik & Pilot Station K-12 Schools Renewal & Repair	This project will renovate two 40,047 and 46,065 square foot K-12 schools built in 2002. Scope of work includes partial replacement of windows and exterior door hardware; installation of a key card access system and an addressable fire alarm; and upgrades to the DDC system. Scope of work at Kotlik also includes replacement of building skirting.
Mat-Su Borough			
75	Maintenance	Districtwide Seismic Upgrades, Phase 1	This project provides for seismic-related engineering and initial facility repairs in four facilities totaling 493,896 square feet, originally built between 1953 and 1983, with additions built between 1966 and 2009.

Priority	Category	Project Name	Project Description
90	Maintenance	Water System Replacement (Big Lake, Butte & Snowshoe Elementary Schools)	This project replaces water systems at a 49,550 square foot facility built in 1979, a 49,550 square foot facility built in 1980, and a facility built with 6,640 square feet in 1964 with two additions of 28,000 and 22,600 square feet in 1979 and 1984. Scope of work includes removal and replacement of underground 20,000 gallon water storage tanks, pumps, and galvanized piping at each site.
94	Maintenance	Palmer High School Mechanical Upgrade, Phase 2	This project replaces mechanical systems at the original 129,984 square foot facility built in 1976, with 49,360 square feet of additions built between 1982 and 1987. The scope of work includes renovations to the heating, ventilation, plumbing, controls, and fire sprinkler systems.
98	Maintenance	Palmer High School Window Upgrades	This project for energy upgrades at a 179,344 square feet facility originally built in 1976, with additions in 1982 and 1987. The scope of work includes replacement of windows, doors, and light fixtures, and modifications to control systems.
102	Maintenance	Colony Middle School Heat Exchanger Replacement	This project provides for installation of heat exchangers in the 120,000 square foot facility built in 1988. The scope of work includes purging the heating system of glycol, designing and installing new heat exchangers to integrate with the ventilation system, and provide pre-heated outside air.
Nome City			
43	Maintenance	Nome Elementary School Gym Flooring Replacement	This project reimburses the district for costs of replacing the gym floor of the 61,605 square foot school facility built in 1987. The scope of work included removal and disposal of existing flooring and installation of rubber athletic flooring. This project is complete.
44	Maintenance	Nome Beltz Jr/Sr High School Partial Roof Replacement	This project replaces the membrane portions of the roof of the 77,680 square foot facility built in 1962 and the 31,521 square foot facility built in 1973. Scope of work includes replacing EPDM membranes, improving drainage, repairing existing decking, and adding insulation.
Northwest Arctic			
18	Maintenance	Davis Ramoth K-12 School Window Replacement, Selawik	This projects replaces exterior and interior windows at the 53,292 square foot facility built in 1975, with additions in 1998 and 2002. Scope of work in includes repair of framing as necessary. Project contract has been awarded and is underway.
21	Maintenance	Davis Ramoth K-12 School Sewer Line Repair, Selawik	This project reimburses the district for funds expended to repair the sewer line of the 53,292 square foot facility built in 1975, with additions in 1998 and 2002. Scope of work also included replacement of damaged insulation and structure. This project is complete.
Pelican City			
39	Maintenance	Pelican K-12 School Siding Replacement	This project replaces existing wood with metal siding on a portion of the 13,670 square foot facility built in 1976.

Priority	Category	Project Name	Project Description
Petersburg City			
2	Maintenance	Petersburg Middle/High School Primary Boiler Replacement	This project reimburses the district for costs of replacing the lead boiler that serves the 63,865 square foot school facility built between 1950 and 1985 and the 19,969 square foot gym addition in 1975. This project is complete.
10	Maintenance	Petersburg Middle/High School Boiler 2 Replacement	This project reimburses the district for costs of replacing the secondary boiler that serves the 63,865 square foot school facility built between 1950 and 1985 and the 19,969 square foot gym addition in 1975. The scope of work includes removal of the existing fire-tube boiler and installation of a new sectional boiler. This project is complete.
15	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.
23	Maintenance	Petersburg High School Gym & Auxiliary Gym LED Lighting Upgrade	This project reimburses the district for costs of replacing existing metal halide and high pressure sodium lighting with LED in the main and auxiliary gyms of the 63,865 square foot school facility built between 1950 and 1985. This project is complete.
30	Maintenance	Petersburg Middle/High School Entry Renovation	This project reimburses the district for costs of replacing the concrete stairs and entry deck that serves the 63,865 square foot school facility built between 1950 and 1985 and the 19,969 square foot gym addition in 1975. This project is complete.
34	Maintenance	Petersburg Middle/High School Underground Storage Tank Replacement	This project provides for replacement and remediation of a 4,000 gallon underground fuel storage tank for the 20,815 square foot facility originally built in 1950, with additions in 1975 and 1985 totaling 43,050 square feet.
Saint Marys			
12	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, repairs and replaces interior finishes, and provides campus security features. Additional scope of work on the 49,300 square feet of facilities includes refurbishment of under-building soffit and pilings, installation of new hot water generators and associated systems, and site grading for improved drainage.
Sitka City Borough			
65	Maintenance	Keet Gooshi Heen Elementary Covered PE Structure Renovation	This project renovates the 14,400 square foot outdoor covered play structure at the 1988 elementary facility. The scope of work includes replacement of roofing, gutters, and siding. New adjustable backboards will be installed.
Southeast Island			
12	Construction	Kasaan K-12 School Covered Play Area Construction	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.

Priority	Category	Project Name	Project Description
14	Construction	Thorne Bay K-12 School Playground Upgrades	This project will upgrade the playground for the 41,652 square feet of facilities built in 1989 and 1992. The scope of work includes installation of rubber tiles and rubber chips and construction of a retaining wall.
17	Maintenance	Thorne Bay Maintenance 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 along the east wall.
33	Maintenance	Thorne Bay K-12 Fire Suppression System	This project provides replacement fire sprinklers for a 21,750 square foot school 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; installation of additional sprinkler heads and air-dryers on air compressors; and upgrades to the fire pump controls.
77	Maintenance	Thorne Bay K-12 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. Integrated Direct Digital Control systems will replace pneumatic mechanical controls.
82	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.
83	Maintenance	Thorne Bay K-12 School Carpet Replacement	This project provides for new carpet tiles and vinyl flooring throughout the 41,652 square feet of facilities built in 1989 and 1992; the gym flooring will remain. Scope of work includes subfloor preparation and new wood and rubber base.
91	Maintenance	Port Alexander K-12 School Domestic Water Pipe Replacement	This project provides for water pipe replacement and upgrades in the 4,100 square feet of facilities built in 1980 and 1985. The scope of work includes removal and replacement of contaminated domestic water lines.
96	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 the existing roof, repair and replacement of damaged structural areas, installation of new underlayment and shields, and installation of new roof system, flashing, and gutters.
104	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 installation of LED lighting in interior and exterior fixtures to replace existing metal halide and T12 fluorescent lights.

Southwest Region

53	Maintenance	Manokotak K-12 School Sewer & Water Upgrade	This project reimburses the district for funds expended for a connection to the city-supplied water service for the 39,200 square foot facility built in 2001 and removal of the existing district-operated lift station and grinder pumps. This project is complete.
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Priority	Category	Project Name	Project Description
62	Maintenance	Twin Hills K-8 School Renovations	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 metal roof will be installed. Interior doors and frames, ceiling tiles, and plumbing will be replaced and a new fire alarm panel, sprinkler system, and water storage tank and pump will be installed.
78	Maintenance	William "Sonny" Nelson K-8 School Renovations, Ekwok	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 replacement of exterior doors and frames 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, acoustical ceiling tiles, plumbing, and lighting fixtures; and installation of a sprinkler system and fire alarm panel.
80	Maintenance	Aleknagik K-8 School Renovations	This project provides for renovation of the 13,892 square foot K-8 school built in 1982. The scope of this project includes replacement of exterior doors and frames, interior doors, windows, roofing, acoustical ceiling tiles, flooring including the gym floor, and lighting fixtures; as well as code upgrades to fire protection systems, which include a sprinkler system, fire pump, water storage tank, fire alarm panel and appropriate new wiring and devices.

Valdez City

24	Maintenance	Hermon Hutchens Elementary Fire Alarm, Clock, Intercom Replacement	This project reimburses the district for funds expended to replace the fire alarm, master clock, intercom, and public announcement system, as well as installation of two wirelessly controlled scoreboards, at 103,056 square feet of facilities built in 1980. This project is complete.
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Yukon Flats

51	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.
52	Maintenance	Boiler and Control Upgrades, 2 Schools (Beaver & Chalkyitsik K-12 Schools)	This project provides boiler and control upgrades for two K-12 schools built between 1967 and 1988, totaling 22,889 square feet. The scope of work at Beaver will include replacement of all mechanical room plumbing, equipment, and boilers. The Chalkyitsik project will include re-plumbing of mechanical rooms, increased ventilation, and replacement of the 200 gallon day tank.
64	Maintenance	Chalkyitsik K-12 School Water Tank Replacement	This project provides for replacement of a water tank serving 16,687 square feet of facilities built between 1967 and 1988. The scope of work includes disposal of the existing 100,000 gallon wood-stave tank and installation of a replacement steel tank including an insulated gravel pad and hydronic tank heating to prevent freezing.

Priority	Category	Project Name	Project Description
73	Maintenance	Fort Yukon Soil Remediation & Fuel Tank 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 a remediation allowance of 14,000 cubic yards. The scope of work includes dismantling and disposal of existing tanks, installation of new tanks, excavation of contaminated soils, and removal of soils to another site for land farming.
81	Maintenance	Cruikshank K-12 School Soil Remediation & Fuel Tank Replacement, Beaver	This project provides for new double wall fuel tanks totaling 20,000 gallons as well as a remediation allowance for 350 cubic yards of soil. Existing tanks will be removed and disposed of; new insulated building pad, security fencing, tanks, and piping will be installed; and contaminated soils will be excavated and treated via land farming.
85	Maintenance	Venetie K-12 School Soil Remediation & Fuel Tank Replacement	This project provides for replacement of fuel tanks totaling 41,000 gallons and a remediation allowance for 250 cubic yards of soil. Scope includes installation of two 25,000 gallon double wall tanks with insulated pads, containment berms, and security fencing; piping and connect supply lines will be installed, existing tanks will be disposed of; and contaminated soils will be excavated and treated via land farming.

Yukon-Koyukuk

20	Maintenance	Allakaket K-12 School Renovation	This project renovates the 10,960 square foot school built in 1979 and performs code upgrades to the support facilities totaling 3,632 square feet. Scope of work includes reconfiguration of space to improve circulation and to provide for library/media, special education, and new multi-purpose areas. Major systems will be upgraded, including plumbing, electrical, HVAC, and the exterior envelope. New flooring will be installed throughout and interior finishes replaced.
58	Maintenance	Ella B. Vernetti K-8 School Entry Access Repairs, Koyukuk	This project provides for the replacement of the main entrance access for the 6,120 square foot facility built in 1979 with a 5,219 square foot addition in 1992. The scope of work includes removal of deteriorated materials and replacement with a steel and fiberglass stair and ramp.
86	Maintenance	Ella B. Vernetti K-8 School Boiler Replacement, Koyukuk	This project will replace the original cast iron boilers of the 6,120 square foot facility built in 1979 with a 5,219 square foot addition in 1992. The scope of work includes new circulation pumps, flues and dampers, and DDC system.

Yupiit

15	Construction	Playground Construction, 3 Schools	This project provides for installation of play structures and fall protection surfaces at three school sites built between 2004 and 2005.
42	Maintenance	Tuluksak K-12 School Fuel Tank Replacement	This project provides for the removal and replacement of fuel tanks installed from 1964 to 1980 and totaling 160,000 gallons. The scope of work includes the removal and disposal of tanks and the installation of four new tanks totaling 120,000 gallons with double-walled self-diking tanks on skids, gravel pad foundation, and security fencing.

<i>Priority</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>
101	Maintenance	Mechanical System Improvements, 3 Schools	This project provides for replacement of the DDC system and installation of a hybrid electric water heater, heat pump, and piping to eliminate the need for the boiler to heat potable water in the 42,404 facility built in 2005, the 29,659 facility built in 2005, and the 42,404 facility built in 2004.