

Capital Improvement Projects (FY2021) Project Descriptions/Maintenance

<i>Priority District</i>	<i>Project Name</i>	<i>Project Description</i>
1	Pribilof Island	St. Paul K-12 School Roof Replacement and Structural Repairs This project will address the roof and structure at the 30,000 square foot facility constructed in 1973 with an addition in 1995. Scope of work will include replacement of damaged trusses over a portion of the facility; installation of new roofing material, trim, and gutters; stabilization of foundation; leveling of walls and framing; and installation and repair of flooring and interior finishes.
2	Galena City	Galena Interior Learning Academy Composite Building Renovation This project renovates the 17,575 square foot facility built in 1985. Major systems, including architectural, mechanical, and electrical, will be addressed. The scope of work includes code compliance and energy efficiency upgrades, building envelope renovations, and replacement of the fire alarm system.
3	Kake City	Kake Schools Heating Upgrades This project reimburses the district for costs to replace the heating and hot water system of campus facilities totaling 75,756 square feet built between 1973 and 2011. The scope of work included replacement of thermostats, valves, and hot water makers; installation of circulation pumps and thermal expansion tank; and revision of existing piping. This project is complete.
4	Craig City	Craig Middle School Code and Security Improvements This project will renovate the 11,640 square foot school built in 1978, with a 2,769 square foot addition in 1987 and a 1,886 square foot addition in 1997; and the 10,267 square foot gymnasium built in 1980. The scope of work will reduce multiple floor levels, provide structural upgrades, and reconfigure spaces; replace and upgrade mechanical, electrical, and lighting systems; and install addressable fire alarm and intercom/clock systems. Hazardous material abatement is included.
5	Anchorage	West High School Roof Replacement This project will replace 162,500 square feet of roofing on the 340,032 square foot facility originally built in 1953, with additions between 1966 and 2015. The scope of work includes removal of existing roofing system, installation of EPDM membrane roofing with new drains and gutters, increased insulation, and structural improvements. This project is in progress.
6	Chugach	Tatitlek K-12 School Renovation 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 three high-efficiency boilers, a DDC system, LED lighting, and an intercom system.
7	Denali Borough	Anderson K-12 School Partial Roof Replacement This project will replace 33,395 square foot of roofing for the school original built in 1973, and portions of additions in built in 1977, 1979, and 1982. Scope of work includes removal of various roofing types, repair of damaged structure, structural upgrades, and installation of new insulation, ice shield, and metal roofing.
8	Anchorage	Birchwood Elementary School Roof Replacement This project will replace 162,500 square feet of roofing on the 48,276 square foot facility originally built in 1967, with additions between 1969 and 1994. The scope of work includes removal of existing roofing system, installation of EPDM membrane and metal roofing with new drains and gutters, increased insulation, and structural improvements. This project is in progress.

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9	Iditarod Area	David-Louis Memorial K-12 School HVAC Control Upgrades, Grayling This project reimburses the district for costs to replace failed pneumatic HVAC controls at the 25,413 square foot facility built in 1987 with a 24-volt electric system and non-proprietary controls. Additional scope of work includes repair of the ventilation system and installation of a power conditioner. This project is complete.
10	Anchorage	Service High School Health and Safety Improvements This project renovates 53,491 square feet of the 283,514 square foot facility. The portion being renovated was built in 1971. The scope of work, which addresses architectural, structural, mechanical, and electrical systems, will include expansion of the fire alarm and sprinkler systems; seismic improvements; installation of LED lighting; replacement of plumbing and fixtures, interior and exterior doors, exterior windows, building system controls, and electrical panels. This project is in progress.
11	Anchorage	Nunaka Valley Elementary School Roof Replacement This project reimburses the district for funds expended to replace the roof system of the 44,100 square foot facility originally built in 1959, with additions 1961, 1965, 1983, and 1998. The scope of work included removal of existing paver roofing, installation of EPDM membrane roofing with new drains and gutters, and structural improvements. This project is complete.
12	Lower Yukon	Sheldon Point K-12 School Foundation Cooling and Repairs, Nunam Iqua This project reimburses the district for work performed in response to foundation settling caused by undetected plumbing leaks at the 20,530 square foot facility built in 2008. The scope of work includes conversion of the thermosyphon cooling system for the foundation to be capable of passive and active refrigeration and includes leveling of the slab and entry canopies and repair of the damaged interior wall finishes and gym floor. This project is complete.
13	Anchorage	Northwood Elementary School Partial Roof Replacement This project reimburses the district for funds expended to replace 35,800 square feet of roofing on the 61,115 square foot facility originally built in 1963, with additions 1966, 1970, and 1987. The scope of work included removal of existing roofing, installation of EPDM membrane roofing with new drains and gutters, and structural improvements. This project is in progress.
14	Anchorage	Inlet View Elementary School Domestic Water System Improvements This project reimburses the district for funds expended to replace the original galvanized-pipe domestic water systems of the 32,470 square foot school originally built in 1957, with additions in 1972 and 1985. The scope of work included demolition and replacement of existing piping, installation of new fixtures, and abatement of hazardous material. This project is complete.
15	Nenana City	Nenana K-12 School Flooring and Asbestos Abatement This project reimburses an initial phase and funds additional flooring replacement at the 62,052 square foot facility originally built in 1955 with additions in 1966, 1972, and 1986. Project will replace and abate flooring in the high traffic corridors and will provide for replacement of remaining flooring in classrooms and other areas. Hazardous material abatement is included. Project is partially complete.
16	Juneau Borough	Sayéik: Gastineau Community School Partial Roof Replacement This project replaces the roof of the 36,106 square foot school built in 1953 and 1965. The scope of work includes demolition of roof assembly to the structure, structural code upgrades, additional insulation to meet DEED energy standards, and installation of a new membrane roofing assembly.

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17	Copper River	<p>District Office Roof Renovation and Energy Upgrade</p> <p>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.</p>
18	Lower Yukon	<p>Hooper Bay K-12 School Exterior Repairs</p> <p>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.</p>
19	Anchorage	<p>Stellar Secondary School Fire Alarm</p> <p>This project will replace the fire alarm system in the 47,765 square foot facility originally built in 1950 with additions in 1955 and 1983. The scope of work includes installation of an addressable fire alarm with new wiring, panel, and devices. This project is in progress.</p>
20	Chugach	<p>Chenega Bay K-12 School Renovation</p> <p>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, intercom, and LED lighting fixtures; and upgrades to electrical systems.</p>
21	Ketchikan Borough	<p>Ketchikan High School Security Upgrades</p> <p>This project will replace and upgrade the security video cameras at the 180,614 square foot facility built between 1954 and 1993. High resolution cameras with remote monitoring capabilities will be installed around the exterior of the facility; scope includes installation of additional network wiring.</p>
22	Lower Kuskokwim	<p>Qugcuun Memorial K-12 School Renovation, Oscarville</p> <p>This project renovates the 3,255 square foot school built in 1986 and associated 1,436 square feet of outbuildings built in 1964 and 1980. Major systems will be addressed, including architectural, civil, structural, mechanical, and electrical. The scope of work includes modifications to meet ADA standards, replacement of interior finishes, plumbing, heating equipment; installation of security, fire suppression, and fire alarm systems; upgrade of exterior envelope, lighting and controls; repair and construction of boardwalks; and construction of wastewater lagoon and bulk fuel tank facility.</p>
23	Lower Kuskokwim	<p>Akula Elitnavik K-12 School Renovation, Kasigluk-Akula</p> <p>This project renovates the 21,840 square foot school built in 1982 and associated outbuildings. Major systems will be addressed, including architectural, civil, structural, mechanical, and electrical. The scope of work includes removal and construction of new foundation system; structural repair; upgrade of lighting to LED, replacement of fire alarm system, exterior siding, flooring and finishes; and conformance to ADA standards. Hazardous material abatement is included.</p>
24	Fairbanks Borough	<p>Administrative Center Air Conditioning and Ventilation Replacement</p> <p>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.</p>
25	Aleutians East Boro	<p>Sand Point K-12 School Pool Major Maintenance</p> <p>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.</p>

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26	Northwest Arctic	Buckland K-12 School HVAC Renewal and Upgrades This project will replace the boilers and building controls system at the 44,922 square foot facility originally built in 1961 with additions between 1979 and 2001.
27	Anchorage	Ptarmigan Elementary School Roof Replacement This project will replace the roofing systems of the 59,275 square foot facility originally built in 1971 with additions in 1998 and 2004. The scope of work includes removal of existing roofing, installation of EPDM membrane roofing with additional insulation; and abatement of hazardous material. This project is in progress.
28	Anchorage	Mears Middle School Roof Replacement This project replaces the roof for the original 150,506 square foot building portion built in 1985. The scope of work includes removal of existing paver roofing, installation of EPDM membrane roofing with additional insulation; structural repair; and abatement of hazardous material. This project is in progress.
29	Nenana City	Nenana K-12 School Boiler Replacement This project replaces aged secondary boilers at the 62,052 square foot facility originally built in 1955 with additions in 1966, 1972, and 1986. Scope of work includes replacement of supporting day tank and hot water tank with smaller units.
30	Yupitit	Tuluksak K-12 School Generator Refurbishment This project will repair and refurbish the three generators providing prime power to the 42,404 square foot facility built in 2004. The scope of work includes repairs to the prime and backup generators and electrical distribution system. This project is partially complete.
31	Nome City	Anvil City Charter School Restroom Renovations This project will expand the restrooms serving the 31,468 square foot facility built in 1962. Space will be increased to accommodate additional fixtures and to comply with ADA standards. Hazardous material abatement is included.
32	Hoonah City	Hoonah Central Boiler Replacement This project replaces the boilers servicing the 49,376 square feet of facilities on the school campus built between 1955 and 2002. Two existing boilers will be replaced with three smaller units. The scope includes installation of necessary plumbing, electrical, and chimney flue systems.
33	Yukon-Koyukuk	Ella B. Verneti K-12 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.
34	Valdez City	Valdez High and Hermon Hutchens Elementary Schools Domestic Water Piping This project provides for water pipe replacement in the 91,000 square foot high school built in 1976 and the 96,000 elementary school built in 1980. The scope of work includes removal and replacement of failed domestic water lines and associated fixtures.
35	Nome City	Nome Schools DDC Control Upgrades This project will replace the heating and ventilation controls at 209,274 square feet of facilities built between 1962 and 1987. The scope of work includes installation of new controllers, sensors, and software.
36	Kodiak Island Boro	Peterson Elementary School Roof Replacement This project replaces the roofing system at the 32,884 square foot facility originally built in 1952, with additions in 1956, 1966, and 1996. The project scope includes removal of the paver-ballasted roofing system, installation of a mechanically adhered membrane, and replacement of roof mounted HVAC system components.
37	Iditarod Area	Blackwell K-12 School HVAC Control Upgrades, Anvik This project replaces the failed 24-volt HVAC controls at the 8,240 square foot facility original to the building built in 1979. Project will also repair ventilation system and install power conditioner. This is project is complete.

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38	Bristol Bay Borough	Bristol Bay Elementary School And Gym Roof Replacement This project will replace the roof over the elementary and gym portions of the facility, 26,707 square feet built in 1981, 6,516 square feet built in 1990, and 21,170 square feet built in 1992. The scope of work includes repair of roof deck, buildup of framing to improve roof line and pitch, installation of additional insulation and metal roofing, and installation of sprinklers system in attic space where required.
39	Lower Yukon	Hooper Bay K-12 School Emergency Lighting and 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.
40	Lower Kuskokwim	Bethel Regional High School Boardwalk Replacement This project replaces the original elevated boardwalk serving the 75,972 square foot school built in 1971. The scope of work includes construction of a steel-framed, wood planked walkway and stair with installed lighting.
41	Chatham	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 failed skylights and passive roof vents. The scope of work includes installation of insulation over the roof framing as a thermal break, new sheathing, gutters, and snow guards.
42	Haines Borough	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.
43	Chatham	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 48,065 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.
44	Denali Borough	Generator Replacement, 3 Schools This project will replace the back-up generators for three sites totaling 116,628 square feet, originally installed in 1977 (Anderson), 1978 (Cantwell), and 1982 (Healy/Tri-Valley).. The new generators will be properly sized for the current loads and will include new automatic transfer switches where needed.
45	Mat-Su Borough	Big Lake Elementary School Water System Replacement Ph 2 This project replaces the water system at the 49,500 square foot school consisting of 6,640 original square feet from 1964 and two additions of 28,000 and 22,600 square feet in 1979 and 1984. The scope of work includes removal and replacement of an under-floor 20,000 gallon water storage tank and installation of a new exterior fire water tank. The scope also include replacement of pumps, and galvanized piping.
46	Kodiak Island Boro	Chiniak K-12 School Water Treatment Code Compliance and Upgrade This project will construct a code compliant water system for the 8,500 square foot facility built in 1972. The scope of work includes drilling of a well and installation of water filtration system and associated piping.
47	Lower Yukon	Scammon Bay K-12 School Emergency Lighting and 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.

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48 Kuspuuk	Jack Egnaty Sr K-12 School Roof Replacement, Sleetmute	This project replaces the original 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 metal roofing. Deteriorated fascia will also be
49 Sitka Borough	Keet Gooshi Heen Elementary Covered PE Structure Renovation	This project renovates the 14,400 square foot outdoor covered play structure at the 1988 elementary school facility. The scope of work includes replacement of roofing, gutters, and siding. New adjustable backboards will also be installed.
50 Haines Borough	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.
51 Yupiit	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 six new tanks totaling 130,000 gallons with double-walled self-diking tanks on skids, gravel pad foundation, and security fencing.
52 Southwest Region	William "Sonny" Nelson K-12 School Renovation, Ekwok	This project provides for the renovation of the 9,644 square foot facility built in 1979. The renovations will include repair and replacement of exterior envelope; replacement of interior finishes, ventilation and controls, and lighting fixtures; and installation of a sprinkler system and fire alarm panel.
53 Fairbanks Borough	Ben Eielson Jr/Sr High School Roof Replacement	This project will replace the roofing system of the school originally built in 1962, with additions in 1965, 1977, 1998 totaling 103,200 square feet. Scope of work includes removal of existing roof, installation of new roofing system with additional insulation, replacement of flashings and rain catchment basins, and re-slope of roof for enhanced drainage. Project is in
54 Nome City	Nome Beltz Jr/Sr High School Generator Replacement	This project provides for replacement of the aged and undersized back-up generator for the 152,669 square feet of campus facilities. Scope of project includes construction of a fire rated separation wall, installation of a 150kw generator and necessary transformers.
55 Lower Yukon	LYSD Central Office Renovation	This project provides for the renovation of the 8,100 square foot LYSD Central Office built in 1981 and the 1,749 maintenance garage built in 1982. Major systems upgraded will include installation of a 20,000 gallon water tank and replacement of the furnace and circulation pumps, exterior envelope, interior and exterior doors, windows, floor finishes, lighting, auxiliary generator, exterior stairs, and an alarm system.
56 Valdez City	Valdez High School Window Replacement	This project will replace the original windows of the 91,000 square foot facility built in 1976 with more energy efficient models.
57 Fairbanks Borough	Lathrop High School Roof Replacement	This project will replace the original roofing system over a portion of the 83,491 addition built in 1986. Scope of work includes removal of existing system, installation of EPDM roofing with additional insulation, replacement of flashings, and re-slope of roof for enhanced drainage. Project is in progress.
58 Fairbanks Borough	Woodriver Elementary School Roof Replacement	This project will replace the roofing system of the 64,408 square foot school built in 1976. Scope of work includes removal of existing roof, installation of new roofing system with additional insulation, replacement of flashings and rain catchment basins, and re-slope of roof for enhanced drainage.

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59	Fairbanks Borough	North Pole Middle School Exterior Upgrades This project will improve the building envelope of the 113,306 square foot school built in 1975. Scope of work includes replacement of original windows and metal siding.
60	Yupiit	Gym Floor Replacement, 3 Schools This project refinished gym floors in three facilities with combined square footage totaling 114,467, built between 2004 and 2005. The scope of work includes preparation of existing floors and new urethane floors poured over the existing.
61	Nenana City	Nenana K-12 School Fire Suppression System Replacement This project replaces failing the sprinkler system in the 15,403 and 28,868 square foot additions built in 1972 and 1986. Scope of work includes installation of piping, sprinkler heads, valves, and controls; modification of alarm system, and replacement of affected ceiling tiles. Hazardous material abatement is included.
62	Lower Kuskokwim	Akiuk Memorial K-12 School Renovation, Kasigluk-Akiuk This project renovates the 19,488 square foot school built in 1995 and associated outbuildings. Major systems will be addressed, including architectural, civil, structural, mechanical, and electrical. The scope of work includes installation of fire suppression system; upgrade of the lighting, DDC, and ventilation systems; replacement of fire alarm system, boilers, day tank, flooring and finishes; and conformance to ADA standards. Hazardous material abatement is included.
63	Juneau Borough	Dzantik'i Heeni Middle School Roof Replacement This project replaces the original asphalt and membrane roofing of the 105,000 square foot school built in 1990. The scope of work includes demolition of roof assemblies to the existing structure, increased insulation, and installation of new roofing assemblies and associated appurtenances.
64	Copper River	Glennallen and Kenny Lake Schools Energy Upgrade This project will provide energy efficiency upgrades to two sites with a total of 111,243 square feet originally built in 1977, with additions built between 1978 and 2008. The scope of work includes HVAC system upgrades and installation of occupancy sensors and LED lighting.
65	Anchorage	Roof And Gutter Improvements, 3 Schools This project replaces portions of the roofing and gutter systems of three 61,599 square foot facilities built in 1996. The scope of work includes removal of failing roofing systems, installation of EPDM membrane roofing with additional insulation; and abatement of hazardous material. This project is in progress.
66	Kake City	Kake High School Gym Floor and Bleacher Replacement This project provides for replacement of original gym flooring and bleachers at the gymnasium of the 53,100 square foot facility built in 1973. Project scope includes subfloor prep, hazardous material testing, and abatement as needed.
67	Southwest Region	Twin Hills K-12 School Renovation This project provides for a renovation of the 6,617 building built in 1978. 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 finishes, doors, and plumbing will be replaced; the HVAC system will be upgraded, and a new fire alarm panel, sprinkler system, and water storage tank and pump will be installed.
68	Valdez City	Valdez High and Hermon Hutchens Elementary Schools Generator Replacement This project will replace back-up generators at the 91,000 square foot high school built in 1976, with 8,088 square foot addition in 2001, and the 96,000 elementary school built in 1980. The scope of work includes disposal of existing equipment and enclosures, installation of new like-size generator units in self-contained connexes and modification of electrical

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69	Saint Marys City	<p>St. Mary's Campus Renewal and Repairs</p> <p>This project will provide renovations at 44,433 square feet of campus facilities built between 1974 and 1989. Scope of work includes replacing approximately 20 interior doors and hardware; and installation of new walk-in freezer unit.</p>
70	Anchorage	<p>Muldoon Elementary School Partial Roof Replacement</p> <p>This project reimburses the district for funds expended to replace 14,900 square feet of roofing on the 61,599 square foot facility built in 2000. The scope of work included removal of existing paver roofing and installation of EPDM membrane roofing with new drains and gutters. This project is complete.</p>
71	Southwest Region	<p>Aleknagik K-12 School Renovation</p> <p>This project provides for renovation of the 13,892 square foot school built in 1982. The scope of this project includes exterior envelope energy efficiency upgrades of windows, insulation, and roofing; replacement of interior doors, finishes, including the gym floor, and lighting fixtures; as well as code upgrades to HVAC and fire protection systems.</p>
72	Kake City	<p>Exterior Upgrades - Main School Facilities</p> <p>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, with extension of roofline over main entry.</p>
73	Iditarod Area	<p>David-Louis Memorial K-12 School Roof Replacement, Grayling</p> <p>This project will install a new roofing assembly to replace the failed roof at the 25,413 square foot facility built in 1987. Additional scope of work includes installation of additional insulation and repair of water-damaged interior finishes.</p>
74	Nome City	<p>Nome Elementary School Fire Alarm Replacement</p> <p>This project will replace the non-addressable fire alarm for the 61,605 square foot facility built in 1987. The scope of work includes installation of an ADA-compliant addressable fire alarm and compatible components.</p>
75	Kake City	<p>Kake High School Plumbing Replacement</p> <p>This project will provide for replacement of failed domestic water piping at the 53,100 square foot facility built in 1973. The scope of work includes inspection and diagnosis for compromised piping to be replaced as required; affected finishes will be repaired and restored.</p>
76	Lower Yukon	<p>Scammon Bay K-12 School Siding Replacement</p> <p>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.</p>
77	Copper River	<p>Glennallen Voc-Ed Facility Renovation</p> <p>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; installation of LED lighting; and upgrade fire alarm system with additional fire alarm devices.</p>
78	Anchorage	<p>Bartlett High School Intercom</p> <p>This project will install a new intercom and clock system in the 369,677 square foot school built in 1971, with additions through 2006.</p>
79	Southeast Island	<p>Thorne Bay K-12 School Fire Suppression System</p> <p>This project replaces fire sprinklers in 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.</p>

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80	Kodiak Island Boro	<p>East Elementary School Special Electrical and Security</p> <p>This project provides electrical and security improvements to the 40,712 square foot facility built between 1966 and 2011. The scope of work includes replacement of the fire alarm system, and data cable wiring, and installation of needed school security features.</p>
81	Anchorage	<p>Spring Hill Elementary School Intercom/Clocks</p> <p>This project reimburses the district for funds expended to replace and upgrade the clock and intercom system at the 50,160 square foot facility built in 1985. This project is complete.</p>
82	Fairbanks Borough	<p>Tanana Middle School Exterior Upgrades</p> <p>This project will improve the building envelope of the 91,309 square foot school built in 1974 with a 9,760 square foot addition in 1986. The scope of work includes replacement of original vinyl windows. Insulated siding will be installed over the existing concrete block construction to meet ASHRAE Standard 90.1.</p>
83	Lower Yukon	<p>Ignatius Beans K-12 School Marine Header Pipeline, Mountain Village</p> <p>This project provides for replacement of underground fuel lines and a marine header serving a 46,268 square foot facility built in 1992, with additions in 1994, 1997, and 2010. Scope of work includes approximately 1,600 linear feet of underground fuel line and upgrades to the tank farm.</p>
84	Kenai Peninsula	<p>Seward Middle School Exterior Repair</p> <p>This project will repair earthquake damage at the 37,500 square foot facility built in 2005. The scope of work includes removal and replacement of damaged exterior concrete masonry and structural anchoring.</p>
85	Kodiak Island Boro	<p>North Star Elementary School Siding Replacement</p> <p>This project replaces remaining failed siding at the 39,600 square foot facility built in 1993. The scope of work includes removal of the original siding, repairs to the substrate, and installation of new siding. Existing trim will be repainted.</p>
86	Southeast Island	<p>Thorne Bay K-12 School Flooring Replacement</p> <p>This project reimburses the district for cost of replacing the original flooring in the high traffic areas of the 41,652 square feet of facilities built in 1989 and 1992. Scope of work includes subfloor preparation, rubber tile and carpet, and wood and rubber base. This project is complete.</p>
87	Anchorage	<p>Fire Lake Elementary School Roof Replacement</p> <p>This project reimburses the district for funds expended to replace the roof system of the 50,160 square foot facility built in 1985. The scope of work included removal of original portions of metal roofing and installation of asphalt shingles. This project is complete.</p>
88	Fairbanks Borough	<p>Arctic Light Elementary School Lighting and Energy Upgrades</p> <p>This project will convert fluorescent lighting and increase light levels to meet code at the 68,272 square foot school built in 1993. Scope of work will include removal of all interior and exterior light fixtures and installation of LED fixtures.</p>
89	Fairbanks Borough	<p>Two Rivers Elementary School Flooring and Restroom Renovation</p> <p>This project will renovate spaces in the 17,289 square foot school built in 1982 with a 4,911 square foot addition in 1983 not previously renovated in a recent debt project. Scope of work includes partial flooring replacement in program areas and replacement of restroom flooring, partitions, accessories, and fixtures.</p>
90	Southeast Island	<p>Thorne Bay K-12 School Mechanical Control Upgrades</p> <p>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 failing pneumatic mechanical controls.</p>

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91	Mat-Su Borough	<p>Butte and Snowshoe Elementary Schools Water System Replacement</p> <p>This project replaces water systems at two 49,550 square foot facilities built in 1979 and 1980. Scope of work includes removal and replacement of under-floor 20,000 gallon water storage tanks, and installation of new exterior fire water tanks. The scope also includes replacement of pumps, and galvanized piping at each site.</p>
92	Mat-Su Borough	<p>Talkeetna Elementary School Roof Replacement</p> <p>This project will replace the roofing systems at a 28,595 square foot school built in 1964 with additions in 1971 and 2000. Scope of work includes removal of the paver-ballasted roofing system and installation of an insulated membrane roofing system.</p>
93	Mat-Su Borough	<p>Colony and Wasilla Middle Schools Roof Replacement</p> <p>This project will replace the roofing systems at a 30,000 square foot facility built in 1995 and a 120,000 square foot facility built in 1988. Scope of work includes removal of the paver-style roofing system and installation of an insulated membrane roofing system.</p>
94	Southeast Island	<p>Port Alexander K-12 School Domestic Water Pipe Replacement</p> <p>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.</p>
95	Mat-Su Borough	<p>Windows and Lighting Upgrades, 3 Sites</p> <p>This project will increase energy efficiency at the 45,272 square foot administration building built in 1971, a 49,550 elementary built in 1980, and a 129,984 square foot high school built in 1976, with 49,360 square feet of additions between 1982 and 1987. Scope of work includes replacement of light fixtures, windows, door insulation, Variable Frequency Drive (VFD) controls and modifications to the digital control systems.</p>
96	Yupitit	<p>Mechanical System Improvements, 3 Schools</p> <p>This project provides for replacement of the DDC system in three schools ranging from 29,650 to 42,404 square feet and built between 2004 and 2005.</p>
97	Yupitit	<p>Akiachak K-12 School Window Replacement</p> <p>This project will replace failed windows in a 42,404 square feet facility built in 2005. The scope of work includes removal of existing windows and installation of smaller individual windows, infill with siding and insulation, and repair of damaged interior finishes.</p>
98	Lower Yukon	<p>Kotlik and Pilot Station K-12 Schools Renewal and Repair</p> <p>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.</p>
99	Lower Yukon	<p>Sheldon Point K-12 School Exterior Repairs, Nunam Iqua</p> <p>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.</p>
100	Southeast Island	<p>Thorne Bay K-12 School Underground Storage Tank Replacement</p> <p>This project removes two underground fuel storage tanks. The scope of work includes a 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.</p>
101	Southeast Island	<p>Port Alexander & Thorne Bay K-12 Schools Roof Replacement</p> <p>This project provides for two roof replacements at school 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 roof sheathing, installation of new waterproof underlayment, and installation of a new metal roof system, flashing, and gutters.</p>
102	Lower Yukon	<p>Security Access Upgrades, 6 Sites</p> <p>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.</p>