

Facilities/Capital Improvement Plan Information

Document Includes:
 25-27 Biennium Facilities Short List (Page 1)
 10 Year Facilities Plan (Page 2-6)
 Facilities Capital Improvement Plan (Page 7-14)
 Facilities Assessment (Page 15-27)

2025-2027 Biennium Facilities Short List							
Facility	District/Division	Project Type	Construction Cost	Architect Design Cost	Architect Construction Cost	Total Cost	
Towner Section Building	Minot	Building	\$2,854,882	-	\$74,475	\$2,929,357	Projects for \$15.5 Million Budget
Dickinson Truck Barn	Dickinson	Building	\$5,603,011	-	\$111,510	\$5,714,521	
Bowbells Section Building	Williston	Building	\$2,854,882	-	\$74,475	\$2,929,357	
Rolla Section Building	Devils Lake	Building	\$3,376,447	-	\$88,081	\$3,464,528	
2025-2027 Biennium Sub Total			\$14,689,222	-	\$348,541	\$15,037,763	
Ellendale Section Building	Valley City	Building	\$2,333,317	-	\$60,869	\$2,394,186	
Garrison Section Building	Minot	Building	\$2,854,882	-	\$74,475	\$2,929,357	
Lake Agassiz Rest Area	Fargo	Remodel/Parking Lot	\$5,500,000	\$655,460	\$200,303	\$6,355,763	
Alexander Henry Rest Area	Grand Forks	Remodel/Parking Lot	\$5,000,000	\$718,245	\$150,518	\$5,868,763	
Devils Lake Truck Barn 2	Devils Lake	Building	\$2,280,163	-	\$53,200	\$2,333,363	
Minot Truck Barn	Minot	Addition	\$3,321,545	-	\$109,942	\$3,431,487	
Dickinson Materials Lab	Dickinson	Remodel	\$305,009	Included with Dickinson Truck Barn		\$305,009	
Minot Materials Lab	Minot	Remodel	\$244,007	Included with Minot Truck Barn		\$244,007	
Bismarck District Office Design	Bismarck	Building	-	\$572,886	-	\$572,886	
Selfridge Section Building Design	Bismarck	Building	-	\$182,607	-	\$182,607	
Wyndemere Section Building Design	Fargo	Building	-	\$182,607	-	\$182,607	
Bowman Section Building Design	Dickinson	Building	-	\$223,426	-	\$223,426	
Adams Section Building Design	Grand Forks	Building	-	\$182,607	-	\$182,607	
Watford City Section Building Design	Williston	Building	-	\$264,244	-	\$264,244	
Medina / Crystal Springs Rest Area Design	Valley City	Building/Parking Lot	-	\$990,000	-	\$990,000	
2025-2027 Biennium Total			\$36,528,145	\$3,972,082	\$997,848	\$41,498,075	

Facility	Facility Type	District/Division	Year Built/Updated/Acquired	Projected Update Biennium	Existing Building (dimensions & size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Dickinson Materials Lab	Headquarters	Dickinson		25-27								Capital improvement projects and costs included with Dickinson Office.
Minot Materials Lab	Headquarters	Minot		25-27								Needed capital improvement projects and costs included with Minot Office.
Danger & Alarm Condition Projects	Improvement Projects	Statewide		25-27								
District Headquarter Site Plans	Improvement Projects	Statewide		25-27								
Grand Forks Construction Office	Miscellaneous Building	Grand Forks	1976	25-27	3,200	\$50,000						Building renovation and roof replacement.
Hailstone Creek Visitor Center EB	Rest Area	Bismarck	1996	25-27	2,443						\$525,000	See needed capital improvement projects in Rest Area Improvement sheet.
Hailstone Creek Visitor Center EB Truck Parking Improvement	Rest Area	Bismarck		25-27								
Hailstone Creek Visitor Center WB	Rest Area	Bismarck	1996	25-27	2,933						\$525,000	See needed capital improvement projects in Rest Area Improvement sheet.
Hailstone Creek Visitor Center WB Truck Parking Improvement	Rest Area	Bismarck		25-27								
Lake Agassiz Visitor Center	Rest Area	Fargo	1996	25-27	2,662						\$434,750	See needed capital improvement projects in Rest Area Improvement sheet.
Lake Agassiz Visitor Center Truck Parking Improvement	Rest Area	Fargo		25-27								
Towner Section Building	Section Building	Minot	1973	25-27	2,400						\$1,054,100	Hot water heater, unit heaters, internal lighting, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, environmental, structural, water supply in, and waste water removal.
Bowbells Section Building 1	Section Building	Williston	1969	25-27	2,400						\$1,191,850	Paint shop floor, water heater, office furniture, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, repair columns, replace tin, overhead doors, overhead door framing, bathroom remodel, shop heat, replace floor, hvac, walk in door, internal lighting, sheetrock, shelving/racks, and yard grading. New storage shed (20' x 30').
Bowbells Section Building 2	Section Building	Williston		25-27							\$25,000	Lighting, bathroom ceiling, and pressure washer vent.
Ellendale Section Building	Section Building	Valley City	1968	25-27	2,400						\$642,650	Hot water heater, external lighting, electrical distribution, plumbing fixtures, interior doors, exterior doors, metal roofing system, metal cladding, interior concrete, site drainage, and larger connection to city water.
Garrison Section Building	Section Building	Minot	1974	25-27	2,400						\$467,250	Hot water heater, unit heaters, internal lighting, electrical controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, environmental, and south wall replacement.
Bowman Section Building	Section Building	Dickinson	1985	25-27	3,800	\$71,300	\$71,300	\$121,300	\$71,300	\$71,300		Interior concrete, plumbing fixtures, wall sheeting, water heater, recovery heaters, electrical system, interior doors, overhead doors and openers, exterior doors, wall sheeting, overhead door framing, windows, gutters, exterior concrete, sand/oil separator, drain field, security system, purchase lot in industrial park, pump and water tank for truck washing, storage building, new water line. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000.
Adams Section Building	Section Building	Grand Forks	1966	25-27	2,400	\$20,000					\$292,750	External lighting, unit heaters, electrical distribution, metal roofing system, metal cladding, interior concrete, and septic tank.
Rolla Section Building	Section Building	Devils Lake	1989	25-27	3,750	\$100,000		\$118,500	\$82,000	\$34,000		Exterior doors, metal cladding, metal roofing system, structural, and interior doors. Replacement with larger facility, maintenance or rear structural beams, new lighting, new walk-in door, shingles on office or steel roof, expand office size. Standby generator.
Dickinson Truck Barn	Truck Barn	Dickinson	NA	25-27								
Minot Truck Barn	Truck Barn	Minot	2006	25-27	9,600			\$7,500				Replace ceiling exhaust fans/motors.
Devils Lake Truck Barn 2	Truck Barn	Devils Lake	NA	25-27								Build one.
Panger Weigh Station	Weigh Station	Williston		25-27								

Facility	Facility Type	District/Division	Year Built/Updated/Acquired	Projected Update Biennium	Existing Building (dimensions & size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Bismarck Office	Headquarters	Bismarck		27-29	7,344	\$167,815	\$83,907				\$1,426,428	See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: office furniture, ADA lift replacement, parking lot repair and seal coat, security system, and MDU line move.
Valley City Materials Lab	Headquarters	Valley City	1976	27-29	27,189							Needed capital improvement projects and costs included with Valley City Office.
Alert Condition Phase 1 Projects	Improvement Projects	Statewide		27-29								
Elm River Visitor Center NB	Rest Area	Fargo	2003	27-29	2,617	\$22,475					\$202,275	See needed capital improvement projects in Rest Area Improvement sheet.
Elm River Visitor Center NB Truck Parking Improvement	Rest Area	Fargo		27-29								
Elm River Visitor Center SB	Rest Area	Fargo	2003	27-29	2,617	\$22,475					\$202,275	See needed capital improvement projects in Rest Area Improvement sheet.
Elm River Visitor Center SB Truck Parking Improvement	Rest Area	Fargo		27-29								Lagoon Inspection
Alexander Henry Visitor Center	Rest Area	Grand Forks	1997	27-29	1,693	\$50,000					\$450,000	See needed capital improvement projects in Rest Area Improvement sheet.
Alexander Henry Visitor Center Truck Parking Improvement	Rest Area	Grand Forks		27-29								
Bismarck District Salt Brine Building 2	Salt Brine Building	Bismarck	NA	27-29								
Devils Lake District Salt Brine Building 2	Salt Brine Building	Devils Lake	NA	27-29			\$5,000					Relocate approximately 400' of 1/0 URD 220 Mil XLP Jkt cable.
Dickinson District Salt Brine Building 2	Salt Brine Building	Dickinson	NA	27-29								
Fargo Salt Brine Building 2	Salt Brine Building	Fargo	NA	27-29								
Grand Forks District Salt Brine Building 2	Salt Brine Building	Grand Forks	NA	27-29								
Minot District Salt Brine Building 2	Salt Brine Building	Minot	NA	27-29								
Valley City District Salt Brine Building 2	Salt Brine Building	Valley City	NA	27-29								
Williston District Salt Brine Building 2	Salt Brine Building	Williston	NA	27-29								
Selfridge Section Building	Section Building	Bismarck	1967	27-29	2,400	\$133,310					\$1,199,790	Hot water heater, unit heaters, internal lighting, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, environmental, structural, water supply in, and waste water removal.
Wyndemere Section Building	Section Building	Fargo	1974	27-29	2,400	\$155,285					\$1,397,565	Bunham boiler, in-floor heat, hot water pumps, hot water heater, hvac system, internal lighting, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, structural, water supply in, and waste water removal.
Watford City Section Building	Section Building	Williston	2001	27-29	5,000	*\$68,390					*\$645,510	Paint shop floor, water heater, office furniture, flooring, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, hvac, roof insulation, office addition, office flooring, and electrical upgrades. New storage shed (20' x 30'). Add 2 salt water tanks and containment, yard grading, and shelving/racks.
Mohall Section Building	Section Building	Minot	1975	27-29	2,400	\$68,567					\$620,000	Hot water heater, unit heaters, internal lighting, external lighting, electrical controls, electrical distribution, electrical to generator, plumbing fixtures, exterior doors, windows, metal roofing system, metal cladding, interior concrete, structural, environmental, and waste water removal.
Maddock Section Building	Section Building	Devils Lake	1967	27-29	2,400	\$115,300					\$1,037,700	Metal roofing system, metal cladding, and increase water line size. Additional replacement or improvement items needed without building replacement: 2: water line, standby generator, exterior doors, hvac system, internal lighting, external lighting, electric controls, electrical distribution, interior doors, exterior concrete, interior concrete, and structural.
Ashley Section Building	Satellite Section Building	Valley City	1963	27-29	2,400	\$35,000					\$591,950	Remodel bathroom, concrete apron, internal lighting, electrical distribution, interior doors, overhead doors, metal roofing system, metal cladding, interior concrete, environmental, structural, and holding tank and drain field for sanitary system.
Bismarck Truck Barn	Truck Barn	Bismarck	2017	27-29	23,000				\$185,000			Exterior concrete.
Fargo Truck Barn	Truck Barn	Fargo	2013	27-29	18,000							
West Fargo Weigh Station	Weigh Station	Fargo		27-29							\$30,000	New fencing around lagoon.

Facility	Facility Type	District/Division	Year Built/Updated/Acquired	Projected Update Biennium	Existing Building (dimensions & size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Minot Office	Headquarters	Minot		29-31	26,795	\$11,900	\$439,850	\$549,850	\$389,425	\$419,425		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: remodel construction staff area, sidewalks around headquarters, and outside skin replacement.
Minot Shop	Headquarters	Minot		29-31	26,795	\$150,000						Needed capital improvement projects and costs included with Minot Office. Additional capital improvement project needed: air conditioning.
Williston Office	Headquarters	Williston	1976	29-31	20,974	\$493,000	\$141,725	\$141,725	\$74,375	\$114,375		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: asbestos removal, dismantle old material slab, soundproof bathrooms, cubicles, administrative furniture, fixtures, and equipment, heated DEF shed for fuel island, yard landscaping, approach into headquarters, remove tower, parking lot, fence, security camera, heated sidewalks and lawn sprinkler system.
Williston Shop	Headquarters	Williston	1976	29-31	20,974	\$225,000						Needed capital improvement projects and costs included with Williston Office. Additional capital improvement projects needed: walk in doors, air conditioning, work benches, air compressor relocation, floor drains, auxiliary heat, and flooring.
Alert Condition Phase 2 Projects	Improvement Projects	Statewide		29-31								
Crystal Springs Rest Area EB	Rest Area	Valley City	1966	29-31	1,173	\$28,000	\$28,000				\$224,000	See needed capital improvement projects in Rest Area Improvement sheet.
Medina Rest Area WB	Rest Area	Valley City	1995	29-31	1,296	\$28,000	\$28,000				\$224,000	See needed capital improvement projects in Rest Area Improvement sheet.
Killdeer Section Building 1	Section Building	Dickinson	1971	29-31	2,400	*\$47,800	*\$47,800	*\$47,800	*\$47,800	*\$47,800		Plumbing fixtures, office flooring, office air conditioner, recovery heaters, boiler, ventilation system, interior doors, overhead doors and openers, exterior doors, roof, windows, gutters, security system, propane tank, slab, fence, and exterior concrete. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000. Repair and improvement costs included in construction costs for addition.
Killdeer Section Building 2	Section Building	Dickinson	2005	29-31	3,000							See Killdeer Section Building 1 for needed repairs and improvements.
Underwood Section Building 1	Section Building	Bismarck	1973	29-31	2,400			\$295,750	\$77,500	\$114,200		Internal lighting, hvac system, exterior doors, external lighting, and overhead doors.
Underwood Section Building 2	Section Building	Bismarck	2005	29-31	2,500							See Underwood Section Building 1 for needed repairs and improvements.
Casselton Section Building 1	Section Building	Fargo	1974	29-31	2,400	\$30,000		\$35,050	\$1,218,800	\$92,000		Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, interior concrete, structural, water supply in, and waste water removal.
Casselton Section Building 2	Section Building	Fargo	2003	29-31	2,500							See Casselton Section Building 1 for needed repairs and improvements.
Cavalier Section Building	Section Building	Grand Forks	1964	29-31	2,400	\$46,225					\$416,025	Unit heaters, internal lighting, electric controls, electrical distribution, metal roofing system, metal cladding, and septic tank. Construct salt brine containment at new site, estimated \$15,000.
Flasher Section Building	Section Building	Bismarck	1970	29-31	2,400	\$62,060	\$62,060				\$937,080	Increase waterline size. Possible replacement or improvement items needed before building replacement: unit heaters, hvac system, electric controls, electrical distribution, exterior doors, overhead doors, windows, metal roofing system, metal cladding, interior concrete, structural, water supply in, and waste water removal.
Lisbon Section Building	Section Building	Fargo	1971	29-31	2,400	\$158,818	\$158,818				\$1,193,715	Parking lot work for CDL testing, Bunham boiler, hot water pumps, hot water heater, unit heaters, hvac system, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, structural, water supply in, and waste water removal.
Oakes Satellite Section Building	Satellite Section Building	Valley City	1964	29-31	2,400	\$50,000					\$545,200	Remodel bathroom, replace furnace, replace walk in doors, replace windows, and new concrete apron. Additional replacement or improvement items needed without building replacement: electrical distribution, interior doors, overhead doors, metal roofing system, metal cladding, interior concrete, and structural.
Pekin Section Building	Satellite Section Building	Devils Lake	1966	29-31	2,400	\$39,000					\$520,000	Connect to city sewer system and external lighting. Additional replacement or improvement items needed without building replacement: door opener system, drain field, windows, exterior concrete, structural, metal roofing system, increase water line size, metal cladding, and interior concrete.
Grand Forks Truck Barn	Truck Barn	Grand Forks	2003	29-31	9,600	\$10,000			\$107,500	\$66,200		Exterior doors, overhead doors and openers, and door fobs.
Jamestown Truck Barn	Truck Barn	Valley City	2003	29-31	8,800	\$65,000	\$10,000	\$10,000	\$255,050	\$230,000		Concrete floor drains, connect to city sewer system, parking lot improvements, and overlay hot bit pvmt.
Joliette Weigh Station	Weigh Station	Grand Forks		29-31							\$100,000	Remove rutted asphalt pavement and repave.

Facility	Facility Type	District/Division	Year Built/Updated/Acquired	Projected Update Biennium	Existing Building (dimensions & size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Devils Lake Office	Headquarters	Devils Lake	1976	31-33	6,476	\$208,900	\$208,900				\$1,671,200	See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: new humidifier for heating system. Parking lot reconstruction
Devils Lake Shop	Headquarters	Devils Lake	1976	31-33	21,520	\$257,350	\$107,350				\$858,800	Capital improvement projects and costs included with Devils Lake Office. Additional capital improvement projects needed: electric furnace for bathrooms and sign shop office, electric controls, domestic plumbing fixtures, interior doors, exterior doors, overhead shop doors, windows, exterior concrete, parking lot reconstruction, brick structure, larger water line, and air conditioning.
Grand Forks Materials Lab	Headquarters	Grand Forks		31-33								
Grand Forks Office	Headquarters	Grand Forks		31-33		\$287,650	\$1,117,125	\$1,117,125	\$35,250	\$25,250		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: Admin office common area new carpet.
Caution Condition Phase 1 Projects	Improvement Projects	Statewide		31-33								
Apple Creek Visitor Center EB	Rest Area	Bismarck	1999	31-33	2,617	\$22,500	\$22,500	\$22,500			\$157,500	See needed capital improvement projects in Rest Area Improvement sheet.
Apple Creek Visitor Center WB	Rest Area	Bismarck	1999	31-33	2,660	\$22,500	\$22,500	\$22,500			\$157,500	See needed capital improvement projects in Rest Area Improvement sheet.
Beach Visitor Center	Rest Area	Dickinson	2001	31-33	3,500	\$26,075	\$26,075	\$26,075			\$182,525	See needed capital improvement projects in Rest Area Improvement sheet.
Velva Section Building	Section Building	Minot	1990	31-33	3,750		\$30,000		\$128,000	\$159,250		Internal lighting, external lighting, septic tank, exterior doors, overhead doors, windows, interior concrete, environmental, water supply in, and waste water removal. New office addition, 40' addition for equipment.
Forman Section Building	Section Building	Fargo	1967	31-33	2,400	\$24,714	\$24,714	\$24,714			\$1,408,708	Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, water supply in, and waste water removal.
Stanley Section Building	Section Building	Williston	2001	31-33	6,000	\$232,080	\$252,080	\$232,080	\$252,080	\$232,080		Paint shop floor, office furniture, flooring, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, toilet, bathroom flooring, office addition, floor heat, hvac, external lighting, interior doors, unit heaters, and electrical distribution. New storage shed (20' x 30'). Add 2 salt water tanks, containment, yard grading, and shelving/racks.
Michigan Section Building	Section Building	Grand Forks	2000	31-33	4,800	\$20,000			\$30,000	\$24,750		Overhead door openers, door fobs, and unit heaters. Repair concrete floor with epoxy coating to fix scaling.
Hettinger Section Building	Section Building	Dickinson	2016	31-33	5,400	\$800	\$800	\$46,300	\$10,800	\$800		Office air conditioner, smart thermostat, gas line and exhaust for pressure washer, propane tank, slab, and fence, security system, and water heater.
New Town Section Building	Section Building	Williston	2013	31-33	6,750	\$232,080	\$252,080	\$232,080	\$252,080	\$232,080		Paint shop floor, water heater, office furniture, flooring, yard grading, shelving/racks, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, toilet, bathroom flooring, office addition, floor heat, hvac, external lighting, interior doors, unit heaters, and electrical distribution. New storage shed (20' x 30').
Linton Section Building	Section Building	Bismarck	1989	31-33	3,750	\$30,000		\$67,750	\$110,000	\$54,750		Unit heaters, internal lighting, external lighting, windows, interior concrete, structural, water supply in, and waste water removal.
Courtenay Satellite Section Building	Satellite Section Building	Valley City	1966	31-33	2,400	\$45,000					\$478,100	Remodel bathroom, overhead doors, concrete apron, sanitary sewer storage tank, hot water heater, electrical distribution, metal roofing system, metal cladding, interior concrete, environmental, structural, and larger waterline.
Mayville Satellite Section Building	Satellite Section Building	Fargo	1968	31-33	2,400	\$151,285					\$1,361,565	Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, structural, water supply in, and waste water removal.
Richardton Satellite Section Building	Satellite Section Building	Dickinson	1969	31-33	2,400	\$14,000					\$71,000	Office air conditioner, ventilation system, exterior wall sheeting, sill plate, gutters, gas line and exhaust for pressure washer, security system, and smart thermostat. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000.

Facility	Facility Type	District/Division	Year Built/Updated/Acquired	Projected Update Biennium	Existing Building (dimensions & size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Bismarck Shop	Headquarters	Bismarck		33-35	27,200	\$225,000	\$166,063	\$166,063	\$405,875	\$405,875		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: paint exterior, air conditioning, auto shop concrete floor.
Grand Forks Shop	Headquarters	Grand Forks		33-35		\$255,000						Needed capital improvement projects and costs included with Grand Forks Office. Additional capital improvement project needed: shop crane replacement and air conditioning. Remodel the bathrooms, shop foremans office, locker room and parts room.
Valley City Office	Headquarters	Valley City	1976	33-35	27,189	\$268,100	\$366,000	\$366,000	\$89,500	\$89,500		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Parking lot improvements to both concrete and hot bit pavement, repair subgrade issues, inventory storage area improvements
Valley City Shop	Headquarters	Valley City	1976	33-35	27,189	\$270,000						Needed capital improvement projects and costs included with Valley City Office. Additional capital improvement project needed: exterior concrete wall paint or seal, replace overhead and walk in doors, and air conditioning.
Caution Condition Phase 2 Projects	Improvement Projects	Statewide		33-35								
Crary Rest Area	Rest Area	Devils Lake	1995	33-35	2,233	\$30,000	\$30,000	\$30,000	\$30,000		\$180,000	See needed capital improvement projects in Rest Area Improvement sheet.
Larimore Rest Area	Rest Area	Grand Forks	2000	33-35	462	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000	See needed capital improvement projects in Rest Area Improvement sheet.
Edgeley Rest Area	Rest Area	Valley City	1996	33-35	854	\$27,000	\$27,000	\$27,000	\$27,000		\$162,000	See needed capital improvement projects in Rest Area Improvement sheet.
Jamestown Visitor Center EB	Rest Area	Valley City	2000	33-35	2,617	\$30,000	\$30,000	\$30,000	\$30,000		\$180,000	See needed capital improvement projects in Rest Area Improvement sheet.
Jamestown Visitor Center EB Truck Parking Improvement	Rest Area	Valley City		33-35								
Jamestown Visitor Center WB	Rest Area	Valley City	2000	33-35	2,617	\$30,000	\$30,000	\$30,000	\$30,000		\$180,000	See needed capital improvement projects in Rest Area Improvement sheet.
Jamestown Visitor Center WB Truck Parking Improvement	Rest Area	Valley City		33-35								
Fessenden Satellite Section Building	Satellite Section Building	Devils Lake	1968	33-35	2,400	\$97,925					\$881,325	Internal lighting, electrical distribution, plumbing fixtures, exterior doors, windows, metal roofing system, metal cladding, interior concrete, increase water line size, connect to city sewer, add oil/sand separator, hanging unit heaters, internal lighting, structural issues, overhead doors, and exterior concrete.
Finley Satellite Section Building	Satellite Section Building	Grand Forks	1969	33-35	2,400	\$35,000						Septic tank, exterior outlets, and overhead door seals.
Gackle Satellite Section Building	Satellite Section Building	Valley City	1971	33-35	2,400	\$10,000					\$417,000	Windows, electrical distribution, interior doors, metal roofing system, metal cladding, and larger connection to city water.
Litchville Satellite Section Building	Satellite Section Building	Valley City	1967	33-35	2,400	\$40,000					\$263,000	Remodel bathroom, overhead doors, concrete apron, external lighting, metal roofing system, metal cladding, interior concrete, and structural.
New England Satellite Section Building	Satellite Section Building	Dickinson	1973	33-35	2,400	\$26,200					\$281,800	Interior concrete, plumbing fixtures, interior lighting, office flooring, office air conditioner, interior wall sheeting, water heater, infrared heaters, electrical system, ventilation system, interior doors, overhead door and openers, exterior doors, exterior wall sheeting, roof, sill plate, overhead door framing, windows, gutters, exterior concrete, sand/oil separator, drain field, propane tank, slab, fence, and smart thermostat.

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Bismarck Materials Lab	Headquarters	Bismarck	2023									
Bismarck Office	Headquarters	Bismarck		27-29	7,344	\$167,815	\$83,907				\$1,426,428	See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: office furniture, ADA lift replacement, parking lot repair and seal coat, security system, and MDU line move.
Bismarck Shop	Headquarters	Bismarck		33-35	27,200	\$225,000	\$166,063	\$166,063	\$405,875	\$405,875		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: paint exterior, air conditioning, auto shop concrete floor.
Central Office	Headquarters	Central Office				\$936,425	\$223,500	\$223,500	\$555,000	\$8,000		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: elevator modernization project (\$547,000), bollards and concrete (\$42,000), and repair and cleaning of limestone (\$286,425).
Interim Traffic Management Center	Headquarters	Central Office		23-25								
Devils Lake Materials Lab	Headquarters	Devils Lake					\$150,000					Needed capital improvement projects and costs included with Devils Lake Office. Additional capital improvement project needed: remodel the district materials lab.
Devils Lake Office	Headquarters	Devils Lake	1976	31-33	6,476	\$208,900	\$208,900				\$1,671,200	See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: new humidifier for heating system. Parking lot reconstruction
Devils Lake Shop	Headquarters	Devils Lake	1976	31-33	21,520	\$257,350	\$107,350				\$858,800	Capital improvement projects and costs included with Devils Lake Office. Additional capital improvement projects needed: electric furnace for bathrooms and sign shop office, electric controls, domestic plumbing fixtures, interior doors, exterior doors, overhead shop doors, windows, exterior concrete, parking lot reconstruction, brick structure, larger water line, and air conditioning.
Dickinson Materials Lab	Headquarters	Dickinson		25-27								Capital improvement projects and costs included with Dickinson Office.
Dickinson Office	Headquarters	Dickinson				\$1,327,500	\$342,500	\$342,500	\$277,500	\$277,500		See capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: roof replacement, fuel island replacement, concrete CDL pad, cast iron pipe replacement, ventilation system, foundation repair, security system, generator, chain link fence around remaining headquarters ,replace entryway and storage room heaters, replace office air conditioners, replace heat pumps, office flooring and paint, replace retaining wall and fence, parkign lot mill, HBP, valley gutter and C&G, replace windows, office exterior doors and frames, reapir and seal exterior brick, smart thermostats where we don't have, relocate storeroom, replace van bodies with cold storage..
Dickinson Shop	Headquarters	Dickinson				\$150,000						Capital improvement projects and costs included with Dickinson Office. Additional capital improvement project needed: air conditioning.
Fargo Materials Lab	Headquarters	Fargo	2020									See needed capital improvement projects in NDDOT Buildings Assessment sheet.
Fargo Office	Headquarters	Fargo			30,729	\$650,000	\$697,250	\$697,250	\$161,950	\$161,950		See capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: roof replacement. Parking lot Mill and Overlay tied to Fargo Shop
Fargo Shop	Headquarters	Fargo			30,729	\$360,000				\$250,000		Needed capital improvement projects and costs included with Fargo Office. Additional capital improvement projects needed: roof replacement, shop ventilation system upgrade, air conditioning, and double door replacement. Parking lot Mill and Overlay
Grand Forks Materials Lab	Headquarters	Grand Forks		31-33								
Grand Forks Office	Headquarters	Grand Forks		31-33		\$287,650	\$1,117,125	\$1,117,125	\$35,250	\$25,250		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement project needed: Admin office common area new carpet.
Grand Forks Shop	Headquarters	Grand Forks		33-35		\$255,000						Needed capital improvement projects and costs included with Grand Forks Office. Additional capital improvement project needed: shop crane replacement and air conditioning. Remodol the bathrooms, shop foremans office, locker room and parts room.
Materials & Research Office	Headquarters	Materials & Research	2023	23-25	20,655					\$350,000		New parking lot
Minot Materials Lab	Headquarters	Minot		25-27								Needed capital improvement projects and costs included with Minot Office.
Minot Office	Headquarters	Minot		29-31	26,795	\$11,900	\$439,850	\$549,850	\$389,425	\$419,425		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: remodel construction staff area, sidewalks around headquarters, and outside skin replacement.
Minot Shop	Headquarters	Minot		29-31	26,795	\$150,000						Needed capital improvement projects and costs included with Minot Office. Additional capital improvement project needed: air conditioning.
Valley City Materials Lab	Headquarters	Valley City	1976	27-29	27,189							Needed capital improvement projects and costs included with Valley City Office.
Valley City Office	Headquarters	Valley City	1976	33-35	27,189	\$268,100	\$366,000	\$366,000	\$89,500	\$89,500		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Parking lot improvements to both concrete and hot bit pavement, repair subgrade issues, inventory storage area improvements
Valley City Shop	Headquarters	Valley City	1976	33-35	27,189	\$270,000						Needed capital improvement projects and costs included with Valley City Office. Additional capital improvement project needed: exterior concrete wall paint or seal, replace overhead and walk in doors, and air conditioning.
Williston Materials Lab	Headquarters	Williston	1980		6,000							
Williston Office	Headquarters	Williston	1976	29-31	20,974	\$493,000	\$141,725	\$141,725	\$74,375	\$114,375		See needed capital improvement projects in NDDOT Buildings Assessment sheet. Additional capital improvement projects needed: asbestos removal, dismantle old material slab, soundproof bathrooms, cubicles, administrative furniture, fixtures, and equipment, heated DEF shed for fuel island, yard landscaping, approach into headquarters, remove tower, parking lot, fence, security camera, heated sidewalks and lawn sprinkler system.
Williston Shop	Headquarters	Williston	1976	29-31	20,974	\$225,000						Needed capital improvement projects and costs included with Williston Office. Additional capital improvement projects needed: walk in doors, air conditioning, work benches, air compressor relocation, floor drains, auxiliary heat, and flooring.
Williston Sign Shop	Headquarters	Williston	1980		6,000	\$20,000						Shelving, racks, secure cage, lighting, work bench, and walk in doors.
Alert Condition Phase 1 Projects	Improvement Projects	Statewide		27-29								
Alert Condition Phase 2 Projects	Improvement Projects	Statewide		29-31								
Caution Condition Phase 1 Projects	Improvement Projects	Statewide		31-33								
Caution Condition Phase 2 Projects	Improvement Projects	Statewide		33-35								
Danger & Alarm Condition Projects	Improvement Projects	Statewide		25-27								
District Headquarter Fire Alarm Systems	Improvement Projects	Statewide		23-25								
District Headquarter Site Plans	Improvement Projects	Statewide		25-27								
Devils Lake Driver License	Driver License	Driver License										
Dickinson Driver License & Motor Vehicle	Driver License	Driver License										
Fargo Driver License	Driver License	Driver License	2021									
Grand Forks Driver License	Driver License	Driver License										Needed capital improvement projects and costs included with Grand Forks Office.
Jamestown Driver License	Driver License	Driver License										
Minot Driver License	Driver License	Driver License	2021									
Williston Driver License	Driver License	Driver License	2020		2,290							

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Bismarck Traffic & Radio Shop Building	Miscellaneous Building	Bismarck	1976		6,000				\$150,000			Windows, Insulation, Roof, Doors
Bismarck Traffic Storage Building	Miscellaneous Building	Bismarck								\$480,000		*New storage building for 4 counting vehicles and Pathways Van.
Bismarck Warehouse	Miscellaneous Building	Bismarck	1976			\$150,000			\$15,000			Reskin outside of building and insulate inside. Add overhead door for Pathways Van access.
Grand Forks Construction Office	Miscellaneous Building	Grand Forks	1976	25-27	3,200	\$50,000						Building renovation and roof replacement.
Grand Forks Sign Shop	Miscellaneous Building	Grand Forks	2003		3,420	\$29,750						See needed capital improvement projects in NDDOT Buildings Assessment sheet.
Arnegard Radio Tower Building	Radio Tower Building	Maintenance	1962		480	\$50,000						Generator replacement.
Blaisdell Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Bottineau Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Bowman Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Carrington Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Cayuga Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Cleveland Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Columbus Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Denhoff Radio Tower Building	Radio Tower Building	Maintenance	1962		352							
Devils Lake Radio Tower Building	Radio Tower Building	Maintenance	1962		480							
Dickinson Radio Tower Building	Radio Tower Building	Maintenance	1962		480							
Dogden Butte Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Driscoll Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Esmond Radio Tower Building	Radio Tower Building	Maintenance	2015		384							
Fargo Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Finley Radio Tower Building	Radio Tower Building	Maintenance	2014		384		\$20,000					
Fortuna Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Grand Forks Radio Tower Building	Radio Tower Building	Maintenance	1962		480		\$20,000					
Hannaford Radio Tower Building	Radio Tower Building	Maintenance	2013		384		\$20,000					
Hannover Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Hillsboro Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Killdeer Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Linton Radio Tower Building	Radio Tower Building	Maintenance	1962		200							
Marmath Radio Tower Building	Radio Tower Building	Maintenance	2015		384							
Merricourt Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Milton Radio Tower Building	Radio Tower Building	Maintenance	1962		352		\$20,000					
Minot Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Mohall Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Mott Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Mylo Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
New Leipzig Radio Tower Building	Radio Tower Building	Maintenance	2007		138							
New Salem Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Peer Creek Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Petersburg Radio Tower Building	Radio Tower Building	Maintenance	2013		384		\$20,000					
Raleigh Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Ryder Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Sentinel Butte Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Tioga Radio Tower Building	Radio Tower Building	Maintenance	1962		352	\$125,000						Building and generator replacement.
Valley City Radio Tower Building	Radio Tower Building	Maintenance	1962		544							
Wahpeton Radio Tower Building	Radio Tower Building	Maintenance	2014		384							
Wales Radio Tower Building	Radio Tower Building	Maintenance	2012		384							
Westfield Radio Tower Building	Radio Tower Building	Maintenance	2016		384							
Williston Radio Tower Building	Radio Tower Building	Maintenance	1962		480	\$125,000						Building and generator replacement.
Wishek Radio Tower Building	Radio Tower Building	Maintenance	2013		384							
Apple Creek Visitor Center EB	Rest Area	Bismarck	1999	31-33	2,617	\$22,500	\$22,500	\$22,500			\$157,500	See needed capital improvement projects in Rest Area Improvement sheet.
Apple Creek Visitor Center WB	Rest Area	Bismarck	1999	31-33	2,660	\$22,500	\$22,500	\$22,500			\$157,500	See needed capital improvement projects in Rest Area Improvement sheet.
Hailstone Creek Visitor Center EB	Rest Area	Bismarck	1996	25-27	2,443						\$525,000	See needed capital improvement projects in Rest Area Improvement sheet.
Hailstone Creek Visitor Center EB Truck Parking Improvement	Rest Area	Bismarck		25-27								
Hailstone Creek Visitor Center WB	Rest Area	Bismarck	1996	25-27	2,933						\$525,000	See needed capital improvement projects in Rest Area Improvement sheet.
Hailstone Creek Visitor Center WB Truck Parking Improvement	Rest Area	Bismarck		25-27								
Crary Rest Area	Rest Area	Devils Lake	1995	33-35	2,233	\$30,000	\$30,000	\$30,000	\$30,000		\$180,000	See needed capital improvement projects in Rest Area Improvement sheet.
Beach Visitor Center	Rest Area	Dickinson	2001	31-33	3,500	\$26,075	\$26,075	\$26,075			\$182,525	See needed capital improvement projects in Rest Area Improvement sheet.
Western ND Visitor Center	Rest Area	Dickinson										
Elm River NB Utility Shed	Rest Area	Fargo	2020									Needed capital improvement projects and costs included with Elm River Visitor Center NB.
Elm River SB Utility Shed	Rest Area	Fargo	2020									Needed capital improvement projects and costs included with Elm River Visitor Center SB.
Elm River Visitor Center NB	Rest Area	Fargo	2003	27-29	2,617	\$22,475					\$202,275	See needed capital improvement projects in Rest Area Improvement sheet.
Elm River Visitor Center NB Truck Parking Improvement	Rest Area	Fargo		27-29								
Elm River Visitor Center SB	Rest Area	Fargo	2003	27-29	2,617	\$22,475					\$202,275	See needed capital improvement projects in Rest Area Improvement sheet.
Elm River Visitor Center SB Truck Parking Improvement	Rest Area	Fargo		27-29								Lagoon Inspection
Fargo I-29 Visitor Center	Rest Area	Fargo					\$30,000					Lagoon Inspection
Lake Agassiz Visitor Center	Rest Area	Fargo	1996	25-27	2,662						\$434,750	See needed capital improvement projects in Rest Area Improvement sheet.
Lake Agassiz Visitor Center Truck Parking Improvement	Rest Area	Fargo		25-27								
Lynchberg Rest Area	Rest Area	Fargo	2000		48	\$200,000	\$114,750					See needed capital improvement projects in Rest Area Improvement sheet. Lagoon Inspection
Mapleton Rest Area	Rest Area	Fargo	2000		48	\$200,000	\$114,750					See needed capital improvement projects in Rest Area Improvement sheet. Lagoon Inspection
Alexander Henry Shed	Rest Area	Grand Forks	2016									Needed capital improvement projects and costs included with Alexander Henry Visitor Center.

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Alexander Henry Visitor Center	Rest Area	Grand Forks	1997	27-29	1,693	\$50,000					\$450,000	See needed capital improvement projects in Rest Area Improvement sheet.
Alexander Henry Visitor Center Truck Parking Improvement	Rest Area	Grand Forks		27-29								
Larimore Rest Area	Rest Area	Grand Forks	2000	33-35	462	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000	See needed capital improvement projects in Rest Area Improvement sheet.
Larimore Rest Area Shed	Rest Area	Grand Forks	2016									Needed capital improvement projects and costs included with Larimore Rest Area.
Crystal Springs Rest Area EB	Rest Area	Valley City	1966	29-31	1,173	\$28,000	\$28,000				\$224,000	See needed capital improvement projects in Rest Area Improvement sheet.
Crystal Springs Rest Area EB - Storage Shed	Rest Area	Valley City										Connect power to building.
Edgeley Rest Area	Rest Area	Valley City	1996	33-35	854	\$27,000	\$27,000	\$27,000	\$27,000		\$162,000	See needed capital improvement projects in Rest Area Improvement sheet.
Edgeley Rest Area - Storage Shed	Rest Area	Valley City										
Jamestown Visitor Center EB	Rest Area	Valley City	2000	33-35	2,617	\$30,000	\$30,000	\$30,000	\$30,000		\$180,000	See needed capital improvement projects in Rest Area Improvement sheet.
Jamestown Visitor Center EB Truck Parking Improvement	Rest Area	Valley City		33-35								
Jamestown Visitor Center WB	Rest Area	Valley City	2000	33-35	2,617	\$30,000	\$30,000	\$30,000	\$30,000		\$180,000	See needed capital improvement projects in Rest Area Improvement sheet.
Jamestown Visitor Center WB Truck Parking Improvement	Rest Area	Valley City		33-35								
Medina Rest Area WB	Rest Area	Valley City	1995	29-31	1,296	\$28,000	\$28,000				\$224,000	See needed capital improvement projects in Rest Area Improvement sheet.
Medina Rest Area WB - Storage Shed	Rest Area	Valley City										Connect power to building.
Oriska Rest Area	Rest Area	Valley City	1991	23-25	1,600							See needed capital improvement projects in Rest Area Improvement sheet.
Oriska Rest Area Shed	Rest Area	Valley City										Needed capital improvement projects and costs included with Oriska Rest Area.
Oriska Rest Area Truck Parking Improvement	Rest Area	Valley City	NA	23-25								
Oriska Vending Shelter	Rest Area	Valley City	2002		275							Needed capital improvement projects and costs included with Oriska Rest Area.
Bismarck District Salt Brine Building 2	Salt Brine Building	Bismarck	NA	27-29								
Bismarck Salt Brine Building	Salt Brine Building	Bismarck	2019		960							
Devils Lake District Salt Brine Building 2	Salt Brine Building	Devils Lake	NA	27-29			\$5,000					Relocate approximately 400' of 1/0 URD 220 Mil XLP Jkt cable.
Devils Lake Salt Brine Building	Salt Brine Building	Devils Lake	2020		960							
Beulah Salt Brine Facility	Salt Brine Building	Dickinson	1976		2,400	\$22,600	\$22,600	\$22,600	\$22,600	\$22,600		Wall sheeting, water heater, infrared heater, electrical system, overhead doors and openers, exterior doors, roof, overhead door frames, and exterior concrete.
Dickinson District Salt Brine Building 2	Salt Brine Building	Dickinson	NA	27-29								
Dickinson Salt Brine Building	Salt Brine Building	Dickinson	2020		960		\$10,000					Security System, autowater shutoff
Fargo Salt Brine Building	Salt Brine Building	Fargo	2019		512							
Fargo Salt Brine Building 2	Salt Brine Building	Fargo	NA	27-29								
Hillsboro Salt Brine Shed	Salt Brine Building	Fargo	1999		561							
Drayton Salt Brine Shed	Salt Brine Building	Grand Forks	2000		168	\$50,000						Brine containment and concrete apron.
Grand Forks District Salt Brine Building 2	Salt Brine Building	Grand Forks	NA	27-29								
Grand Forks Salt Brine Building	Salt Brine Building	Grand Forks	2019		960							
Grand Forks Salt Brine Shed	Salt Brine Building	Grand Forks	2000		192							
Minot District Salt Brine Building 2	Salt Brine Building	Minot	NA	27-29								
Minot Salt Brine Building	Salt Brine Building	Minot	2019		960		\$8,000					Replace electric heaters
Valley City District Salt Brine Building 2	Salt Brine Building	Valley City	NA	27-29								
Valley City Salt Brine Building	Salt Brine Building	Valley City	2020		960							
New Town Salt Brine Building	Salt Brine Building	Williston				\$30,000						2" waterline.
Stanley Salt Brine Building	Salt Brine Building	Williston				\$45,000						2" waterline, roof, siding, overhead door, heater, and concrete apron.
Williston District Salt Brine Building 2	Salt Brine Building	Williston	NA	27-29								
Williston Salt Brine Building	Salt Brine Building	Williston	2020		960							
Bismarck Salt Building	Salt Building	Bismarck	2015		10,000							
Bismarck Salt Shed	Salt Building	Bismarck	1995		9,216							
Center Salt Building	Salt Building	Bismarck	2009		2,880	\$60,000						Move to new section yard or Replace with New Building.
Flasher Salt Building	Salt Building	Bismarck	2011		3,600							
Glen Ullin Salt Building	Salt Building	Bismarck	2014		7,200							
Linton Salt Building	Salt Building	Bismarck	2011		3,600							
McClusky Salt Building	Salt Building	Bismarck	2014		3,200							
Napoleon Salt Building	Salt Building	Bismarck	2011		3,600							
Selfridge Salt Building	Salt Building	Bismarck	2014		3,600							
Steele Salt Building	Salt Building	Bismarck	2013		7,000							
Underwood Salt Building	Salt Building	Bismarck	2014		7,200							
Cando Salt Building	Salt Building	Devils Lake	2011		3,600		\$2,000		\$15,000			Power and flood light, extended apron.
Carrington Salt Building	Salt Building	Devils Lake	2011		3,600				\$15,000			Extended apron.
Devils Lake Salt Building	Salt Building	Devils Lake	2013		10,000				\$150,000			New roof, flood lights and power.
Hurdsfield Salt Shed	Salt Building	Devils Lake	1999		640			\$7,000				New overhead door.
Langdon Salt Building	Salt Building	Devils Lake	2014		3,600		\$2,000					Flood light.
Maddock Salt Building	Salt Building	Devils Lake	2014		3,600							
Pekin Salt Building	Salt Building	Devils Lake	2014		3,600		\$2,500					Electric power and flood lights.
Rolla Salt Building	Salt Building	Devils Lake	2011		3,600		\$2,000		\$15,000			Add power and flood light, extend apron.
Rugby Salt Building	Salt Building	Devils Lake	2014		7,200		\$2,000					Rain gutter on east side to solve the water issue.
Beach Salt Building	Salt Building	Dickinson	2013		3,600				\$25,000			pave floor and approach
Belfield Salt Building	Salt Building	Dickinson	2011		3,600				\$25,000			pave floor and approach
Beulah Salt Building	Salt Building	Dickinson	2012		3,600				\$25,000			pave floor and approach
Bowman Salt Building	Salt Building	Dickinson	2012		3,600				\$25,000			pave floor and approach
Dickinson Salt Building	Salt Building	Dickinson	2010		10,400			\$300,000				Replace cables, trusses, fabric, add fabric wall and doors for east side.
Hettinger Salt Building	Salt Building	Dickinson	2014		3,600				\$25,000			pave floor and approach
Killdeer Salt Building	Salt Building	Dickinson	2014		3,600				\$25,000			pave floor and approach
Mott Salt Building	Salt Building	Dickinson	2012		3,600				\$25,000			pave floor and approach
New England Salt Building	Salt Building	Dickinson	2013		1,600				\$25,000			pave floor and approach

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Richardton Salt Building	Salt Building	Dickinson	2014		3,600				\$25,000			pave floor and approach
Casselton Salt Building	Salt Building	Fargo	2012		3,600							
Fargo Salt Building	Salt Building	Fargo	1995	23-25	9,216							
Forman Salt Building	Salt Building	Fargo	2011		3,600							
Hillsboro Salt Building	Salt Building	Fargo	2011		3,600							
Lidgerwood Salt Building	Salt Building	Fargo	2011		3,600							
Lisbon Salt Building	Salt Building	Fargo	2014		3,600							
Mayville Salt Building	Salt Building	Fargo	2014		3,600							
Wahpeton Salt Building	Salt Building	Fargo	2014		3,600							
Wyndemere Salt Building	Salt Building	Fargo	2014		10,800							
Adams Salt Building	Salt Building	Grand Forks	2014		3,600							
Cavalier Salt Building	Salt Building	Grand Forks	2012		3,600	\$60,000						Move salt building to new section site.
Cooperstown Salt Building	Salt Building	Grand Forks	2014		3,600							
Drayton Salt Building	Salt Building	Grand Forks	2014		7,000	\$75,000						Concrete apron.
Finley Salt Building	Salt Building	Grand Forks	2002		1,040	\$25,000						Roof repair.
Grafton Salt Building	Salt Building	Grand Forks	2012		3,600							New louvered wall vents on ends of building. Add perimeter fence with rolling gates to the southwest quadrant of District lot where the salt building is to create security for District inventory.
Grand Forks Salt Building	Salt Building	Grand Forks	1997		12,160							
Larimore Salt Building	Salt Building	Grand Forks	2011		3,600							
Michigan Salt Building	Salt Building	Grand Forks	2011		3,600	\$25,000			\$60,000			Roof repair and move building to site of section building.
Berthold Salt Shed	Salt Building	Minot	1996		640							
Bottineau Salt Building	Salt Building	Minot	2011		3,600				\$25,000			add rain troughs to roof line, replace damaged roof panels.
Garrison Salt Building	Salt Building	Minot	2012		3,600				\$10,000			add rain troughs to roof line
Harvey Salt Building	Salt Building	Minot	2012		3,600				\$10,000			add new rain troughs to roof line
Kenmare Salt Building	Salt Building	Minot	2015		3,600			\$10,000				replace ceiling panels and add rain troughs to roof line
Minot Salt Building	Salt Building	Minot	2013		10,000							
Mohall Salt Building	Salt Building	Minot	2012		3,600				\$10,000			add rain troughs to roof line
Parshall Salt Building	Salt Building	Minot	2015		3,600				\$10,000			add rain troughs to roof line
Towner Salt Building	Salt Building	Minot	2015		3,600				\$10,000			add rain troughs to roof line
Velva Salt Building	Salt Building	Minot	2013		1,600			\$10,000				add rain troughs to roof line
Ashley Salt Shed	Salt Building	Valley City					\$50,000					Replace building, ag tractors do not fit in current building.
Courtenay Salt Shed	Salt Building	Valley City	1976		1,122		\$50,000					Replace building, ag tractors do not fit in current building.
Edgeley Salt Building	Salt Building	Valley City	2011		3,600							
Ellendale Salt Building	Salt Building	Valley City	2011		3,600							
Gackle Salt Shed	Salt Building	Valley City	1976		1,122		\$50,000					Replace building, ag tractors do not fit in current building.
Jamestown Salt Building	Salt Building	Valley City	2012		10,000			\$30,000				Replace cables, replace steel bottom end member, and patch and repair tarp cover
Litchville Salt Shed	Salt Building	Valley City	1976		1,316		\$50,000					Replace building, ag tractors do not fit in current building.
Medina Salt Building	Salt Building	Valley City	2012		3,600							
Oakes Salt Shed	Salt Building	Valley City	1976		1,089		\$50,000					Replace building, ag tractors do not fit in current building.
Valley City Salt Building	Salt Building	Valley City	2012		7,000			\$20,000				Replace cables.
Wishek Salt Building	Salt Building	Valley City	2014		3,600							
Bowbells Salt Building	Salt Building	Williston	2012				\$40,000					Lighting, concrete apron, and containment lighting.
Crosby Salt Building	Salt Building	Williston	2014		3,600		\$40,000					Lighting, concrete apron, and containment lighting.
New Town Salt Building	Salt Building	Williston	2012				\$45,000					Lighting, concrete apron,containment lighting, and second load out pump system.
Stanley Salt Building	Salt Building	Williston	2014		7,200		\$45,000					Lighting, concrete apron,containment lighting, and second load out pump system.
Tioga Salt Building	Salt Building	Williston	2012				\$45,000					Lighting, concrete apron,containment lighting, and second load out pump system.
Watford City Salt Building	Salt Building	Williston	2012				\$45,000					Lighting, concrete apron,containment lighting, and second load out pump system.
Williston Salt Building	Salt Building	Williston	2016		10,000		\$45,000					Lighting, concrete apron,containment lighting, and second load out pump system.
Beach Section Building	Section Building	Dickinson	1984	23-25	3,800		\$10,000				\$445,000	Security system, smart thermostat
Grafton Section Building	Section Building	Grand Forks	1972	23-25	2,400						\$312,800	Internal lighting, external lighting, unit heaters, electric controls, plumbing fixtures, exterior doors, metal cladding, and interior concrete
Center Section Building	Section Building	Bismarck	1995	23-25	3,200							
Lidgerwood Section Building	Section Building	Fargo	1973	23-25	2,400						\$1,400,815	Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal cladding, exterior concrete, interior concrete, structural, and water supply in.
Towner Section Building	Section Building	Minot	1973	25-27	2,400						\$1,054,100	Hot water heater, unit heaters, internal lighting, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, environmental, structural, water supply in, and waste water removal.
Bowbells Section Building 1	Section Building	Williston	1969	25-27	2,400						\$1,191,850	Paint shop floor, water heater, office furniture, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, repair columns, replace tin, overhead doors, overhead door framing, bathroom remodel, shop heat, replace floor, hvac, walk in door, internal lighting, sheetrock, shelving/racks, and yard grading. New storage shed (20' x 30').
Bowbells Section Building 2	Section Building	Williston		25-27							\$25,000	Lighting, bathroom ceiling, and pressure washer vent.
Ellendale Section Building	Section Building	Valley City	1968	25-27	2,400						\$642,650	Hot water heater, external lighting, electrical distribution, plumbing fixtures, interior doors, exterior doors, metal roofing system, metal cladding, interior concrete, site drainage, and larger connection to city water.
Garrison Section Building	Section Building	Minot	1974	25-27	2,400						\$467,250	Hot water heater, unit heaters, internal lighting, electrical controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, environmental, and south wall replacement.

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Bowman Section Building	Section Building	Dickinson	1985	25-27	3,800	\$71,300	\$71,300	\$121,300	\$71,300	\$71,300		Interior concrete, plumbing fixtures, wall sheeting, water heater, recovery heaters, electrical system, interior doors, overhead doors and openers, exterior doors, wall sheeting, overhead door framing, windows, gutters, exterior concrete, sand/oil separator, drain field, security system, purchase lot in industrial park, pump and water tank for truck washing, storage building, new water line. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000.
Adams Section Building	Section Building	Grand Forks	1966	25-27	2,400	\$20,000					\$292,750	External lighting, unit heaters, electrical distribution, metal roofing system, metal cladding, interior concrete, and septic tank.
Selfridge Section Building	Section Building	Bismarck	1967	27-29	2,400	\$133,310					\$1,199,790	Hot water heater, unit heaters, internal lighting, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, environmental, structural, water supply in, and waste water removal.
Wyndemere Section Building	Section Building	Fargo	1974	27-29	2,400	\$155,285					\$1,397,565	Bunham boiler, in-floor heat, hot water pumps, hot water heater, hvac system, internal lighting, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, structural, water supply in, and waste water removal.
Watford City Section Building	Section Building	Williston	2001	27-29	5,000	*\$68,390					*\$645,510	Paint shop floor, water heater, office furniture, flooring, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence hvac, roof insulation, office addition, office flooring, and electrical upgrades. New storage shed (20' x 30'). Add 2 salt water tanks and containment, yard grading, and shelving/racks.
Mohall Section Building	Section Building	Minot	1975	27-29	2,400	\$68,567					\$620,000	Hot water heater, unit heaters, internal lighting, external lighting, electrical controls, electrical distribution, electrical to generator, plumbing fixtures, exterior doors, windows, metal roofing system, metal cladding, interior concrete, structural, environmental, and waste water removal.
Killdeer Section Building 1	Section Building	Dickinson	1971	29-31	2,400	*\$47,800	*\$47,800	*\$47,800	*\$47,800	*\$47,800		Plumbing fixtures, office flooring, office air conditioner, recovery heaters, boiler, ventilation system, interior doors, overhead doors and openers, exterior doors, roof, windows, gutters, security system, propane tank, slab, fence, and exterior concrete. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000. Repair and improvement costs included in construction costs for addition.
Killdeer Section Building 2	Section Building	Dickinson	2005	29-31	3,000							See Killdeer Section Building 1 for needed repairs and improvements.
Underwood Section Building 1	Section Building	Bismarck	1973	29-31	2,400			\$295,750	\$77,500	\$114,200		Internal lighting, hvac system, exterior doors, external lighting, and overhead doors.
Underwood Section Building 2	Section Building	Bismarck	2005	29-31	2,500							See Underwood Section Building 1 for needed repairs and improvements.
Casselton Section Building 1	Section Building	Fargo	1974	29-31	2,400	\$30,000		\$35,050	\$1,218,800	\$92,000		Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, interior concrete, structural, water supply in, and waste water removal.
Casselton Section Building 2	Section Building	Fargo	2003	29-31	2,500							See Casselton Section Building 1 for needed repairs and improvements.
Cavalier Section Building	Section Building	Grand Forks	1964	29-31	2,400	\$46,225					\$416,025	Unit heaters, internal lighting, electric controls, electrical distribution, metal roofing system, metal cladding, and septic tank. Construct salt brine containment at new site, estimated \$15,000.
Flasher Section Building	Section Building	Bismarck	1970	29-31	2,400	\$62,060	\$62,060				\$937,080	Increase waterline size. Possible replacement or improvement items needed before building replacement: unit heaters, hvac system, electric controls, electrical distribution, exterior doors, overhead doors, windows, metal roofing system, metal cladding, interior concrete, structural, water supply in, and waste water removal.
Lisbon Section Building	Section Building	Fargo	1971	29-31	2,400	\$158,818	\$158,818				\$1,193,715	Parking lot work for CDL testing, Bunham boiler, hot water pumps, hot water heater, unit heaters, hvac system, external lighting, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, structural, water supply in, and waste water removal.
Velva Section Building	Section Building	Minot	1990	31-33	3,750		\$30,000		\$128,000	\$159,250		Internal lighting, external lighting, septic tank, exterior doors, overhead doors, windows, interior concrete, environmental, water supply in, and waste water removal. New office addition, 40' addition for equipement.
Forman Section Building	Section Building	Fargo	1967	31-33	2,400	\$24,714	\$24,714	\$24,714			\$1,408,708	Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, water supply in, and waste water removal.
Stanley Section Building	Section Building	Williston	2001	31-33	6,000	\$232,080	\$252,080	\$232,080	\$252,080	\$232,080		Paint shop floor, water heater, office furniture, flooring, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence toilet, bathroom flooring, office addition, floor heat, hvac, external lighting, interior doors, unit heaters, and electrical distribution. New storage shed (20' x 30'). Add 2 salt water tanks, containment, yard grading, and shelving/racks.
Michigan Section Building	Section Building	Grand Forks	2000	31-33	4,800	\$20,000			\$30,000	\$24,750		Overhead door openers, door fobs, and unit heaters. Repair concrete floor with epoxy coating to fix scaling.
Hettinger Section Building	Section Building	Dickinson	2016	31-33	5,400	\$800	\$800	\$46,300	\$10,800	\$800		Office air conditioner, smart thermostat, gas line and exhaust for pressure washer, propane tank, slab, and fence, security system, and water heater.
New Town Section Building	Section Building	Williston	2013	31-33	6,750	\$232,080	\$252,080	\$232,080	\$252,080	\$232,080		Paint shop floor, water heater, office furniture, flooring, yard grading, shelving/racks, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, toilet, bathroom flooring, office addition, floor heat, hvac, external lighting, interior doors, unit heaters, and electrical distribution. New storage shed (20' x 30').
Linton Section Building	Section Building	Bismarck	1989	31-33	3,750	\$30,000		\$67,750	\$110,000	\$54,750		Unit heaters, internal lighting, external lighting, windows, interior concrete, structural, water supply in, and waste water removal.
Cando Section Building	Section Building	Devils Lake	2018		7,650		\$120,000					Maintenance trial on floor and maintenance and possible replacement of remaining concrete interior. Standby generator, finish sealing the remaining portion of the shop floor.
Carrington Section Building	Section Building	Devils Lake	2005		8,000		\$30,000	\$77,500	\$75,000	\$142,000		2" waterline into building, office addition, exterior doors, external lighting, plumbing fixtures, generator, exterior concrete, exhaust fan, A/C, and overhead doors.
Glen Ullin Section Building	Section Building	Bismarck	2006		8,400							
McClusky Section Building	Section Building	Bismarck	1981		7,500	\$150,000			\$5,050	\$518,750		Replace interior concrete and add in-floor heat, replace interior skin, plumbing fixtures, unit heaters, hvac system, exterior concrete, and water supply in.
Napoleon Section Building	Section Building	Bismarck	2000		4,800			\$30,000	\$30,000	\$16,750		Water supply in, waste water removal, and internal lighting.
Steele Section Building	Section Building	Bismarck	2012		7,800				\$60,000			Water supply in and waste water removal.
Langdon Section Building	Section Building	Devils Lake	2001		6,000			\$185,000	\$60,000	\$62,000		Exterior concrete, increase water line size, septic system, oil/sand separator, generator, and interior concrete.
Maddock Section Building	Section Building	Devils Lake	1967	27-29	2,400	\$115,300					\$1,037,700	Metal roofing system, metal cladding, and increase water line size. Additional replacement or improvement items needed without building replacement: 2: water line, standby generator, exterior doors, hvac system, internal lighting, external lighting, electric controls, electrical distribution, interior doors, exterior concrete, interior concrete, and structural.

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Rolla Section Building	Section Building	Devils Lake	1989	25-27	3,750	\$100,000		\$118,500	\$82,000	\$34,000		Exterior doors, metal cladding, metal roofing system, structural, and interior doors. Replacement with larger facility, maintenance or rear structural beams, new lighting, new walk-in door, shingles on office or steel roof, expand office size. Standby generator.
Rugby Section Building	Section Building	Devils Lake	2015		10,500					\$185,000		Exterior concrete. Replace ceiling fans, 2" water line to other side of shop, service humidistat system. On-demand hot water heater.
Belfield Section Building	Section Building	Dickinson	2006		8,400	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000		Trench drain, smart thermostat, plumbing fixtures, recovery heaters, boiler, ventilation system, interior doors, overhead doors and openers, exterior doors, exterior concrete, security system, drive through tow plow bay, 2" water line.
Beulah Section Building	Section Building	Dickinson	2006		7,200	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000		Trench drain, plumbing fixtures, water heater, overhead doors and openers, exterior doors, windows, exterior concrete, gas line and exhaust for pressure washer, replace propane tank, recovery heaters, security system..
Mott Section Building	Section Building	Dickinson	2005		7,000	\$65,200	\$65,200	\$65,200	\$65,200	\$65,200		Trench drain, plumbing fixtures, water heater, boiler, ventilation system, interior doors, overhead doors and openers, exterior doors, roof, windows, gutters, pump and water tank for truck washing, drain field, propane tank, slab, fence, security system, replace overhead door concrete thresholds, and exterior concrete. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000.
Hillsboro Section Building	Section Building	Fargo	2017		10,260							
Wahpeton Section Building 1	Section Building	Fargo	2003		6,000		\$130,000		\$5,050			Water supply in, waster water removal, and plumbing fixtures.
Wahpeton Section Building 2	Section Building	Fargo	1972									See Wahpeton Section Building 1 for needed repairs and improvements.
Cooperstown Section Building	Section Building	Grand Forks	2016		5,400		\$40,000		\$30,000			Wash water tank, door openers, and door fobs. Repair concrete floor with epoxy coating to fix scaling.
Drayton Section Building	Section Building	Grand Forks	2007		9,600		\$20,000					Overhead door openers and door fobs.
Larimore Section Building	Section Building	Grand Forks	2012		7,200		\$20,000					Overhead door openers and door fobs.
Bottineau Section Building	Section Building	Minot	2012		6,000	\$30,000			\$10,000			Electrical work for generator connection and exterior doors. Concrete jacking for apron
Harvey Section Building	Section Building	Minot	2015		7,500	\$20,500	\$1,000	\$200				Electrical work for generator connection, hot water heater, plumbing fixtures, and exterior doors.
Kenmare Section Building	Section Building	Minot	1999		6,120	\$20,000		\$30,000				Electrical work for generator connection, plumbing fixtures, water heater, exterior doors, and windows replacement.
Parshall Section Building	Section Building	Minot	2003		6,000	\$20,000	\$3,100	\$77,500		\$62,000		Electrical work for generator connection, hot water heater, exterior doors, and interior concrete.
Edgeley Section Building	Section Building	Valley City	2021		5,400	\$50,000						Move brine containment/system to new building site. Remove old system at North yard. Add permanent propane generator.
Medina Section Building	Section Building	Valley City	2004		7,000	\$20,000	\$125,000	\$15,000	\$3,100	\$299,200		Connect to city sewer system, increase water line size, replace office windows, replace walk in doors, convert loft to breakroom, hot water heater, external lighting, overhead doors, and exterior concrete.
Wishek Section Building	Section Building	Valley City	2012		6,000	\$10,000				\$137,000		Walk in doors, overhead doors, and interior concrete.
Crosby Section Building	Section Building	Williston	2004		7,000	\$138,320	\$158,320	\$138,320	\$158,320	\$138,320		Paint shop floor, water heater, office furniture, flooring, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, fence, internal lighting, external lighting, waste water removal, hvac, and interior concrete. New storage shed (20' x 30'). Shop floor inlay, yard grading, shelviing/racks.
Tioga Section Building	Section Building	Williston	2009		6,750	\$64,580	\$84,580	\$64,580	\$74,580	\$64,580		Paint shop floor, water heater, office furniture, fixtures, and equipment, concrete apron, work bench, shelving, air plumbing, ceiling fans, exterior electrical outlets, wash curtain, SWPPP dike, pressure washer vent, used oil storage, floor drains, 2" waterline, oil change pit, and fence. New storage shed (20' x 30'). yard grading, shelving/racks.
Ashley Section Building	Satellite Section Building	Valley City	1963	27-29	2,400	\$35,000					\$591,950	Remodel bathroom, concrete apron, internal lighting, electrical distribution, interior doors, overhead doors, metal roofing system, metal cladding, interior concrete, environmental, structural, and holding tank and drain field for sanitary system.
Courtenay Satellite Section Building	Satellite Section Building	Valley City	1966	31-33	2,400	\$45,000					\$478,100	Remodel bathroom, overhead doors, concrete apron, sanitary sewer storage tank, hot water heater, electrical distribution, metal roofing system, metal cladding, interior concrete, environmental, structural, and larger waterline.
Fessenden Satellite Section Building	Satellite Section Building	Devils Lake	1968	33-35	2,400	\$97,925					\$881,325	Internal lighting, electrical distribution, plumbing fixtures, exterior doors, windows, metal roofing system, metal cladding, interior concrete, increase water line size, connect to city sewer, add oil/sand separator, hanging unit heaters, internal lighting, structural issues, overhead doors, and exterior concrete.
Finley Satellite Section Building	Satellite Section Building	Grand Forks	1969	33-35	2,400	\$35,000						Septic tank, exterior outlets, and overhead door seals.
Gackle Satellite Section Building	Satellite Section Building	Valley City	1971	33-35	2,400	\$10,000					\$417,000	Windows, electrical distribution, interior doors, metal roofing system, metal cladding, and larger connection to city water.
Halliday Satellite Section Building	Satellite Section Building	Dickinson	1972		2,400	\$26,300	\$26,300	\$26,300	\$26,300	\$26,300		Interior concrete, plumbing fixtures, interior wall sheeting, water heater, infrared heaters, electrical system, interior doors, overhead doors and openers, exterior doors, roof, overhead door framing, gutters, exterior concrete, generator, sand/oil separator, and drain field or connect to city sewer, security system, generato, and smart thermostat.
Litchville Satellite Section Building	Satellite Section Building	Valley City	1967	33-35	2,400	\$40,000					\$263,000	Remodel bathroom, overhead doors, concrete apron, external lighting, metal roofing system, metal cladding, interior concrete, and structural.
Mayville Satellite Section Building	Satellite Section Building	Fargo	1968	31-33	2,400	\$151,285					\$1,361,565	Bunham boiler, in-floor heat, hot water pumps, hot water heater, unit heaters, hvac system, electric controls, electrical distribution, plumbing fixtures, interior doors, exterior doors, overhead doors, windows, metal roofing system, metal cladding, exterior concrete, interior concrete, structural, water supply in, and waste water removal.
New England Satellite Section Building	Satellite Section Building	Dickinson	1973	33-35	2,400	\$26,200					\$281,800	Interior concrete, plumbing fixtures, interior lighting, office flooring, office air conditioner, interior wall sheeting, water heater, infrared heaters, electrical system, ventilation system, interior doors, overhead door and openers, exterior doors, exterior wall sheeting, roof, sill plate, overhead door framing, windows, gutters, exterior concrete, sand/oil separator, drain field, propane tank, slab, fence, and smart thermostat.
Oakes Satellite Section Building	Satellite Section Building	Valley City	1964	29-31	2,400	\$50,000					\$545,200	Remodel bathroom, replace furnace, replace walk in doors, replace windows, and new concrete apron. Additional replacement or improvement items needed without building replacement: electrical distribution, interior doors, overhead doors, metal roofing system, metal cladding, interior concrete, and structural.
Pekin Section Building	Satellite Section Building	Devils Lake	1966	29-31	2,400	\$39,000					\$520,000	Connect to city sewer system and external lighting. Additional replacement or improvement items needed without building replacement: door opener system, drain field, windows, exterior concrete, structural, metal roofing system, increase water line size, metal cladding, and interior concrete.
Richardton Satellite Section Building	Satellite Section Building	Dickinson	1969	31-33	2,400	\$14,000					\$71,000	Office air conditioner, ventilation system, exterior wall sheeting, sill plate, gutters, gas line and exhaust for pressure washer, security system, and smart thermostat. Construct salt brine containment, estimated \$20,000, and new salt brine tanks, estimated \$50,000.
Starkweather Satellite Section Building	Satellite Section Building	Devils Lake	1966		2,400			\$338,700	\$810,550	\$62,000		Hanging unit heaters, internal lighting, external lighting, overhead doors, metal roofing system, metal cladding, increase water line size, septic system, add oil/sand separator, hvac system, electrical distribution, domestic plumbing fixtures, interior doors, exterior doors, exterior concrete, and interior concrete.
Bismarck Storage Building	Storage Building	Bismarck	1976		12,200	\$150,000						Roof replacement.
Center Storage Building	Storage Building	Bismarck	1976		3,712	\$100,000						Replace with new storage building at site of new section building.
Center Storage Shed	Storage Building	Bismarck	2001		640	\$20,000						Move to new section yard

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Center Tractor Shed	Storage Building	Bismarck	2000		640							
Flasher Storage Shed	Storage Building	Bismarck	2001		640							
Glen Ullin Storage Building	Storage Building	Bismarck	1976		2,400							
Glen Ullin Storage Building	Storage Building	Bismarck	1990		1,500							
Glen Ullin Storage Shed	Storage Building	Bismarck	2007		768							
Linton Storage Building	Storage Building	Bismarck	1976		2,400							
Linton Storage Shed	Storage Building	Bismarck	1976		640							
Linton Tractor Shed	Storage Building	Bismarck	1997		640							
McClusky Storage Shed	Storage Building	Bismarck	2001		640							
Napoleon Storage Building	Storage Building	Bismarck	1976		2,400							
Napoleon Storage Shed	Storage Building	Bismarck	2001		640							
New Salem Tractor Shed	Storage Building	Bismarck	2000		640							
Selfridge Storage Shed	Storage Building	Bismarck	2001		640							
Steele Storage Building 1	Storage Building	Bismarck	1976		2,400							
Steele Storage Building 2	Storage Building	Bismarck	1978		2,400							
Steele Storage Shed	Storage Building	Bismarck	2012		768							
Sterling Tractor Shed	Storage Building	Bismarck	1999		1,056							
Underwood Storage Shed	Storage Building											
Wilton Tractor Shed	Storage Building	Bismarck	1999		640							
Cando Storage Shed	Storage Building	Devils Lake	1976		896			\$2,500				Overhead door opener system.
Carrington Storage Building	Storage Building	Devils Lake			2,680	\$12,000						Heating unit, replace and update lighting, new overhead and walk-in doors, redo interior (rotten sheet rock, better ventilation.) Missing shingles , replace with steel roof.
Carrington Storage Shed	Storage Building	Devils Lake	2007		1,120			\$40,000				New roof, steel siding, overhead door, power and lighting, extend apron in front, update lighting.
Devils Lake Equipment Storage Building	Storage Building	Devils Lake	1976		8,400				\$55,000			Overhead doors and openers, new lighting, walk-in doors, exhaust fan ventilation, replace quick recovery heaters, higher capacity hot water heater, walk-in doors, heat, floor drain system, upgrade lighting.
Fessenden Storage Building	Storage Building	Devils Lake							\$50,000			Raise and put on cement, new roof and siding, install overhead door and walk-in door, power and lights.
Langdon Storage Building	Storage Building	Devils Lake	1976		2,400		\$2,000					Replace walk-in door.
Maddock Storage Shed	Storage Building	Devils Lake	2007		1,120					\$60,000		Wall sheeting, concrete floor, replace siding with steel siding.
Pekin Storage Shed	Storage Building	Devils Lake	2008		1,120				\$40,000			Lighting system, replace doors with overhead door, replace shingles and vinyl siding with steel.
Rolla Storage Building	Storage Building	Devils Lake	1976		2,400			\$45,000				Replace off of the doors, new lighting, replace roof and repair leaks.
Rolla Storage Shed	Storage Building	Devils Lake				\$20,000		\$75,000				Move building to different area in yard, set on concrete floor, replace siding and shingles with steel, add power and lighting, add walk-in door, new overhead door.
Rugby Storage Shed	Storage Building	Devils Lake	1980		896	\$10,000			\$70,000			Lift up and set on concrete, replace siding and shingles with steel, improve lighting, add walk-in door, install an overhead door. 5 new liftmaster openers with photo eyes, safety edges & remotes.
Beach North Storage Shed	Storage Building	Dickinson	2001		640	\$5,000						Roof
Beach South Storage Shed	Storage Building	Dickinson	2003		640	\$5,000						Roof
Belfield Storage Building	Storage Building	Dickinson	1976		2,400	\$19,800	\$19,800	\$19,800	\$19,800	\$19,800		Interior lighting, wall sheeting, electrical system, overhead doors and openers, exterior doors, roof, overhead door framing, gutters, and exterior concrete.
Belfield Storage Shed	Storage Building	Dickinson	2003		640	\$5,000						
Dickinson Cold Storage Building	Storage Building	Dickinson	2002		2,600	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000		Roof, exterior door, security system, add concrete floor, and resheet rusted wall.
Dickinson Storage Shed	Storage Building	Dickinson	1976		1,470	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000		Roof, electric power, garage door openers, concrete floor and apron, and overhead door.
Dickinson Warm Storage Building	Storage Building	Dickinson	1976		6,000	\$66,200	\$66,200	\$66,200	\$66,200	\$66,200		Interior concrete, interior wall sheeting, electrical system, ventilation system, exterior wall sheeting, roof, sill plate, overhead doors framing, gutters, exterior concrete, sand/oil separator, and lift pump.
Hettinger Storage Shed	Storage Building	Dickinson	2003		640	\$4,000						
Killdeer Storage Shed	Storage Building	Dickinson	2001		640	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000		Roof, overhead door, add electricity, door openers, concrete floor, and sheeting.
Mott Storage Building	Storage Building	Dickinson	1976		2,400	\$7,800	\$7,800	\$7,800	\$7,800	\$7,800		Interior lighting, overhead doors and openers, exterior doors, roof, windows, and exterior concrete.
Richardton Storage Shed	Storage Building	Dickinson	2001		640	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000		Roof, concrete floor, and overhead door.
Casselton Storage Building	Storage Building	Fargo	1976		1,560							
Casselton Storage Shed	Storage Building	Fargo	1981		858							
Fargo Storage Building	Storage Building	Fargo	1976		7,728							
Fargo Storage Shed	Storage Building	Fargo	2006		816							
Forman Storage Building	Storage Building	Fargo	1976		1,800							
Hillsboro Storage Building	Storage Building	Fargo	1984		2,680							
Hillsboro Storage Shed	Storage Building	Fargo	1984		1,040							
Leonard Storage Building	Storage Building	Fargo	1976		1,500	\$10,000						Roof replacement
Leonard Storage Shed	Storage Building	Fargo	1976		858			\$25,000				Roof replacement.
Lidgerwood Storage Shed	Storage Building	Fargo	1976		858							
Lisbon Storage Building	Storage Building	Fargo				\$25,000						Roof replacement
Lisbon Storage Shed	Storage Building	Fargo	2003		1,120			\$25,000				Roof replacement.
Mayville Storage Building	Storage Building	Fargo	2003		1,120							
Mayville Storage Shed	Storage Building	Fargo	1984		858							
Wahpeton Storage Building	Storage Building	Fargo	1976		2,280	\$75,000						Floor Replacement.
Wyndemere Storage Building	Storage Building	Fargo	1976		858							
Adams Storage Shed	Storage Building	Grand Forks	1976		936							
Aneta Storage Building	Storage Building	Grand Forks	1983		2,400							
Cavalier Storage Shed	Storage Building	Grand Forks	1976		864							
Cooperstown Storage Building	Storage Building	Grand Forks	1976		2,680							
Drayton Storage Building	Storage Building	Grand Forks	1976		2,400							
Drayton Storage Shed	Storage Building	Grand Forks	1991		1,120							
Grafton Storage Shed	Storage Building	Grand Forks	1976		936							

Facility	Facility Type	District/Division	Year Built/Updated /Acquired	Projected Update Biennium	Existing Building (size)	Danger & Alarm Condition	Alert Condition Phase 1	Alert Condition Phase 2	Caution Condition Phase 1	Caution Condition Phase 2	Additional Needed Repairs without New Building	Improvement and Repair Projects Needed
Grand Forks Stake Storage Building	Storage Building	Grand Forks	1976		2,640							
Grand Forks Storage Building	Storage Building	Grand Forks	1976		2,200			\$35,000				Re-roof the cutting edge building / garage on north side of truck storage building. Add steel siding to cutting edge building / garage. New overhead door on cutting edge building / garage.
Grand Forks Storage Building	Storage Building	Grand Forks	1976		2,400							
Larimore Storage Building	Storage Building	Grand Forks	1976		2,400							
Michigan Storage Building	Storage Building	Grand Forks	1976		2,400							
Michigan Storage Shed	Storage Building	Grand Forks	2002		1,120							
Bottineau Storage Building	Storage Building	Minot	1976		2,000		\$15,000					roof needs some repairs (sealer and/or panels replaced)
Harvey Storage Building	Storage Building	Minot	1976		2,400							
Harvey Storage Shed	Storage Building	Minot	1976		480				\$15,000			add exterior walk in doors, and overhead door
Kenmare Storage Building	Storage Building	Minot	1976		1,200			\$15,000				add walk in doors and overhead door and opener
Minot Cold Storage Building	Storage Building	Minot	1976		8,204					\$250,000		Build out cold storage.
Minot Storage Building	Storage Building	Minot	1977		6,210							
Mohall Storage Shed	Storage Building	Minot	2005									
Edgeley Storage Building	Storage Building	Valley City	1976		2,400					\$50,000		Replace metal sheeting.
Ellendale Storage Shed	Storage Building	Valley City	1976		1,056							
Medina Storage Building	Storage Building	Valley City	1976		1,952					\$50,000		Replace metal sheeting.
Oriska Storage Shed	Storage Building	Valley City	1976		640					\$20,000		Install metal sheeting over wood exterior.
Valley City Storage Building	Storage Building	Valley City	1976		8,800	\$30,000	\$40,000					Remove and replace metal roof that is leaking and remove and replace overhead and walk in doors.
Valley City Storage Shed	Storage Building	Valley City	1976		1,089			\$30,000				Install metal sheeting over wood exterior.
Wishek Storage Building	Storage Building	Valley City	1984		2,160							
Wishek Storage Shed	Storage Building	Valley City										
Bowbells Storage Shed	Storage Building	Williston					\$25,000					New 20' x 30' shed.
Crosby Storage Building	Storage Building	Williston	1976			\$15,000						Roof, and remove and replace interior.
Crosby Storage Shed	Storage Building	Williston					\$25,000					New 20' x 30' shed.
New Town Storage Building	Storage Building	Williston	1976		2,400		\$25,000					New 20' x 30' storage shed
Stanley Storage Building	Storage Building	Williston	1976		2,400							
Stanley Storage Shed	Storage Building	Williston	1976		640		\$25,000					New 20' x 30' shed.
Watford City Storage Building	Storage Building	Williston	1976		2,400	\$25,000						Roof, overhead door, heater units, lighting, waterline, bathroom, and waste water removal.
Williston Storage Building	Storage Building	Williston	1976		4,100	\$20,000						Heater units, insulation, lighting, outlets, walk in doors, siding, racks, shelves, work bench, and raise floor.
Williston Storage Shed 1	Storage Building	Williston	1976			\$10,000						Doors, roof, siding, electricity, and floor.
Williston Storage Shed 2	Storage Building	Williston				\$12,500						Doors, roof, siding, electricity, floor, fence, shelving, and racks.
Bismarck Truck Barn	Truck Barn	Bismarck	2017	27-29	23,000				\$185,000			Exterior concrete.
Devils Lake Truck Barn	Truck Barn	Devils Lake	2002		8,800		\$185,000		\$105,000	\$88,950		Exterior concrete, interior concrete, oil/sand separator, hot water pumps, lighting, exhaust fan ventilation, replace quick recovery heaters, hot water heater, backflow detector, and overhead doors. Potentially add automatic truck wash system to the building that would include remodeling of the existing building and an addition.
Dickinson Truck Barn	Truck Barn	Dickinson	NA	25-27								
Fargo Truck Barn	Truck Barn	Fargo	2013	27-29	18,000							
Grand Forks Truck Barn	Truck Barn	Grand Forks	2003	29-31	9,600	\$10,000			\$107,500	\$66,200		Exterior doors, overhead doors and openers, and door fobs.
Minot Truck Barn	Truck Barn	Minot	2006	25-27	9,600			\$7,500				Replace ceiling exhaust fans/motors.
Jamestown Truck Barn	Truck Barn	Valley City	2003	29-31	8,800	\$65,000	\$10,000	\$10,000	\$255,050	\$230,000		Concrete floor drains, connect to city sewer system, parking lot improvements, and overlay hot bit pvmt.
Valley City Truck Barn	Truck Barn	Valley City	2015		17,000				\$40,000	\$307,550		Improve storm water runoff system, overhead doors, plumbing fixtures, add walk in door in NW corner, and exterior doors.
Williston Truck Barn	Truck Barn	Williston	2019	23-25	18,000	\$130,000						Heated wash bay outdoor concrete slab, walk in doors to shop, and bay extension.
Devils Lake Truck Barn 2	Truck Barn	Devils Lake	NA	25-27								Build one.
Beach Weigh Station	Weigh Station	Dickinson										
Bowman Weigh Station	Weigh Station	Dickinson										
Devils Lake Weigh Station	Weigh Station	Devils Lake										
Mooreton Weigh Station	Weigh Station	Fargo							\$30,000			New fencing around lagoon.
West Fargo Weigh Station	Weigh Station	Fargo		27-29							\$30,000	New fencing around lagoon.
Grand Forks Weigh Station	Weigh Station	Grand Forks										
Joliette Weigh Station	Weigh Station	Grand Forks		29-31							\$100,000	Remove rutted asphalt pavement and repave.
Minot Weigh Station	Weigh Station	Minot	2003		80							
Panger Weigh Station	Weigh Station	Williston		25-27								

NDDOT Facilities Assessment

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
DOT - Bismarck Shop	Energy Management and DDC-Base Scope	The control system is from 2000 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Alert	4.4	\$1,235	\$190	\$1,425	\$40,500	19.7		\$0	
DOT - Bismarck Shop	Energy Management and DDC-Enhanced Scope	Same as C.1a.	Alert	4.2	\$1,235	\$190	\$1,425	\$96,500	34.3		\$0	
DOT - Bismarck Shop	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.3	\$985	\$200	\$1,185	\$39,500	22.0		\$0	
DOT - Bismarck Shop	Lighting Retrofit - Enhanced Project	Same as E.1a.	Alert	4.3	\$995	\$200	\$1,195	\$47,500	24.8		\$0	
DOT - Bismarck Shop	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof junctions, which allows cold air to infiltrate into the buildings.	Caution	2.7	\$895	\$0	\$895	\$41,750	27.5			\$41,750
DOT - Bismarck Shop	Roof Replacement	The existing EPDM membrane roof is from 2005 with small leaks through the years. These systems should be planned for future replacement.	Caution	2.2	\$0	\$0	\$0	\$570,000				\$570,000
DOT - Bismarck Shop	Exterior Door Replacement	Exterior doors around the facility are showing wear and tear. These systems should be planned for future replacement.	Acceptable	1.6	\$0	\$0	\$0	\$113,500				
DOT - Bismarck Shop	Window Replacement	The window systems are original from 1978 and beyond their life expectancy. These systems should be planned for future replacement.	Alert	2.7	\$55	\$0	\$55	\$163,000			\$163,000	
DOT - Bismarck Shop	Install Fire Suppression System	The district staff identified this project that they would like added to their project list.	Caution	2.6	\$0	\$0	\$0	\$168,000				\$168,000
DOT - Bismarck Shop	Boiler Replacement	The Weil McClain hot water boilers are original from 1978, serving the shop in-floor heat and past the end of their life expectancy.	Alert	2.9	\$45	\$0	\$45	\$124,000			\$124,000	
DOT - Bismarck Shop	Domestic Hot Water Heater Replacement	The domestic water heater in the facility was installed in 2019.	Acceptable	1.7	\$0	\$0	\$0	\$6,200				
DOT - Bismarck Shop	Unit Ventilator Replacement	The unit ventilators that serve the west shop are original from 1976 and gas fired.	Alert	3.1	\$0	\$0	\$0	\$22,250			\$11,125	
DOT - Bismarck Shop	Infrared Heater Replacement	The infrared unit heaters that serve the west shop are original from 1976.	Alert	2.7	\$0	\$0	\$0	\$34,000			\$34,000	
Bismarck Material & Research	Energy Management and DDC - Base Scope	The control system is from 2007 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Alert	4.4	\$1,590	\$240	\$1,830	\$30,750	13.3		\$0	
Bismarck Material & Research	Energy Management and DDC - Enhance Scope	Same as C.2a.	Alert	3.9	\$1,745	\$270	\$2,015	\$283,000			\$0	
Bismarck Material & Research	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.5	\$4,485	\$900	\$5,385	\$48,000	7.8		\$0	

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Bismarck Material & Research	Lighting Retrofit - Enhanced Project	Same as E.2a.	Alert	4.5	\$4,535	\$910	\$5,445	\$54,250	8.6		\$0	
Bismarck Material & Research	Electrical Distribution System Replacement	The electrical distribution is estimated to be from 1976 in the original part of the building and 1991 in the west side addition. These systems should be planned for upgrading.	Alert	3.5	\$0	\$0	\$0	\$175,000			\$0	
Bismarck Material & Research	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof junctions, which allows cold air to infiltrate into the buildings.	Caution	2.6	\$620	\$0	\$620	\$34,750	30.7			\$0
Bismarck Material & Research	Window Replacement	There are window systems from 1974 making these windows well beyond their life expectancy. These systems should be planned for future replacement.	Alarm	3.4	\$90	\$0	\$90	\$74,000		\$0		
Bismarck Material & Research	Exterior Door and Garage Door Replacement	Exterior and garage doors around the facility are showing wear and tear such as paint fading. These systems should be planned for future replacement.	Alarm	3.2	\$0	\$0	\$0	\$50,250		\$0		
Bismarck Material & Research	Asbestos Floor Tile Replacement	There is a lot of asbestos floor tile 1974 that is beyond its life expectancy and a replacement plan should be put in place. . It is recommended to remove all asbestos containing materials (ACM's) in the facilities.	Alarm	3.1	\$0	\$0	\$0	\$304,000		\$0		
Bismarck Material & Research	Boiler Replacement	The Multi-Temp hot water boilers are original from 1974 and beyond their life expectancy.	Alert	2.9	\$115	\$0	\$115	\$370,000			\$0	
Bismarck Material & Research	Hot Water Piping Replacement	The hot water distribution piping is original from 1974 and approaching the end of its life expectancy.	Alert	2.7	\$0	\$0	\$0	\$306,000			\$0	
Bismarck Material & Research	VAV Replacement	The variable air volume (VAV) boxes serving the offices and labs are original from 1974. Unless there has been a cleaning program, these boxes are likely dirty reducing their efficiency.	Alert	3.1	\$0	\$0	\$0	\$285,000			\$0	
Bismarck Material & Research	Domestic Water Fixture Efficiency Improvements	The domestic water fixtures in the facility are various ages. There are opportunities to reduce water flow of the fixtures.	Caution	2.4	\$55	\$10	\$65	\$4,800	36.0			\$0
Bismarck Material & Research	MAU Replacement	The make up air handling unit that serves the boiler room is beyond its life expectancy.	Alarm	3.7	-\$110	\$0	-\$110	\$62,000		\$0		
Bismarck Material & Research	AHU-1 and 2 replacement	The variable volume air handling units are original to the building from 1974. These units should be replaced and resized based on the loads and spaces served by the air handling units.	Alarm	3.7	-\$770	\$0	-\$770	\$279,000		\$0		
Bismarck Material & Research	Fume Hood Replacement	The laboratory areas have fume hoods that appear to be from 1974. These units should be looked at for replacement due to the large amount of air that is removed from the space by these hoods.	Alert	3.1	\$0	\$0	\$0	\$134,000			\$0	
Bismarck District Office	Life Between Floors	The district staff identified this project that they would like added to their project list.	Caution	3.0	\$0	\$0	\$0	\$62,000				\$62,000
Bismarck District Office	Energy Management and DDC - Base Scope	The control system is from 2005 as is most of the equipment and sequences. Staff commented on issues with heating being inconsistent through the building. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Alert	4.2	\$455	\$70	\$525	\$43,750	38.5		\$0	

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Bismarck District Office	Energy Management and DDC - Enhance Scope	Same as C.3a.	Alert	3.9	\$485	\$80	\$565	\$108,500			\$0	
Bismarck District Office	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.4	\$775	\$160	\$935	\$16,750	14.0		\$0	
Bismarck District Office	Lighting Retrofit - Enhanced Project	Same as E.4a.	Alert	4.4	\$785	\$160	\$945	\$20,000	15.9		\$0	
Bismarck District Office	Parking Lot Lighting	The district staff identified this project that they would like added to their project list.	Caution	2.1	\$0	\$0	\$0	\$118,000				\$118,000
Bismarck District Office	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof junctions, which allows cold air to infiltrate into the	Alert	3.2	\$60	\$0	\$60	\$3,150	29.6		\$3,150	
Bismarck District Office	Roofing Replacement	The existing ballasted EPDM membrane roof appears to be from 1988 with small leaks through the years. These systems should be planned for future replacement.	Alarm	3.2	\$35	\$0	\$35	\$82,000		\$82,000		
Bismarck District Office	Window Replacement	There are window systems from 1988 around the facility along with leaking and draft issues. These systems should be planned for future replacement.	Alert	2.7	\$25	\$0	\$25	\$303,000			\$303,000	
Bismarck District Office	Exterior Door Replacement	Exterior doors around the facility are showing wear and tear. These systems should be planned for future replacement.	Alarm	3.2	\$0	\$0	\$0	\$11,300		\$11,300		
Bismarck District Office	District Brick Update	The district staff identified this project that they would like added to their project list.	Alert	2.9	\$0	\$0	\$0	\$92,500			\$92,500	
Bismarck District Office	Envelope Insulation	The district staff identified this project that they would like added to their project list.	Alert	2.9	\$0	\$0	\$0	\$185,000			\$185,000	
Bismarck District Office	Yard Landscaping	The district staff identified this project that they would like added to their project list.	Caution	2.9	\$0	\$0	\$0	\$31,000				\$31,000
Bismarck District Office	Security Fence Repairs	The district staff identified this project that they would like added to their project list.	Caution	2.9	\$0	\$0	\$0	\$24,750				\$24,750
Bismarck District Office	Asbestos Abatement Allowance	The district staff identified this project that they would like added to their project list.	Alert	2.9	\$0	\$0	\$0	\$154,000			\$154,000	
Bismarck District Office	Tile Floor Replacement	There is a lot of vinyl tile from 2015 that is nearing the end of its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in place for each flooring system.	Acceptable	1.5	\$0	\$0	\$0	\$27,500				
Bismarck District Office	First Floor Ceiling Replacement	The acoustical ceiling tile throughout the building appears to be from 2007 with areas that are stained has reached its life expectancy. A replacement plan should be in place for ceiling systems.	Alert	2.6	\$0	\$0	\$0	\$18,250			\$18,250	
Bismarck District Office	Second Floor Ceiling Replacement	The textured ceiling on the second floor appears to be original from 1957 and has exceeded its life expectancy. A replacement plan should be in place for ceiling systems.	Alarm	3.1	\$0	\$0	\$0	\$23,000		\$23,000		
Bismarck District Office	Textured Ceiling Replacement	The district staff identified this project that they would like added to their project list.	Alarm	3.1	\$0	\$0	\$0	\$12,500		\$12,500		
Bismarck District Office	Boiler Replacement	The Slant Fin hot water boilers are new from 2012 and have lot of life expectancy left.	Acceptable	1.9	\$20	\$0	\$20	\$197,000				
Bismarck District Office	Hot Water Pipe Replacement	The hot water distribution piping to the radiation is original from 1957 and has exceeded its life expectancy.	Alert	2.7	\$0	\$0	\$0	\$108,500			\$108,500	

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Bismarck District Office	Domestic Hot Water Heater Replacement	The domestic water heater in the facility appears to be from 2007.	Alert	2.7	\$0	\$0	\$0	\$6,200			\$6,200	
Bismarck District Office	Upgrade Plumbing Systems	The district staff identified this project that they would like added to their project list.	Alert	3.5	\$0	\$0	\$0	\$24,750			\$24,750	
Bismarck District Office	Addition for Construction & Storage	The district staff identified this project that they would like added to their project list.		2.6	\$0	\$0	\$0	\$616,000				
Bismarck District Office	New Building (8000 sq ft)	The district staff identified this project that they would like added to their project list.		2.6	\$0	\$0	\$0	\$3,090,000				
Bismarck District Office	New Building (12000 sq ft)	The district staff identified this project that they would like added to their project list.		2.6	\$0	\$0	\$0	\$4,550,000				
Bismarck District Office	Women's Restroom	The district staff identified this project that they would like added to their project list.	Caution	2.6	\$0	\$0	\$0	\$49,250				\$49,250
Bismarck District Office	AHU-1 Replacement	The air handling units was installed in 1980 and has exceeded its life expectancy. This unit is used only in the summer for cooling and fresh air in the building, but it does not operate or provide ventilation in the winter. This unit should be replaced and resized based on the loads and spaces served by the air handling unit.	Alarm	3.7	-\$15	\$0	-\$15	\$74,000		\$74,000		
Central Office - Bismarck	Energy Management and DDC-Base Scope	The control system is from 2015 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Acceptable	3.2	\$3,000	\$450	\$3,450	\$168,000	28.2			
Central Office - Bismarck	Energy Management and DDC-Enhanced Scope	Same as C.4a.	Acceptable	2.8	\$3,000	\$450	\$3,450	\$406,000				
Central Office - Bismarck	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.5	\$13,780	\$2,760	\$16,540	\$188,000	9.6		\$0	
Central Office - Bismarck	Lighting Retrofit - Enhanced Project	Same as E.5a.	Alert	4.4	\$13,925	\$2,790	\$16,715	\$219,000	10.9		\$0	
Central Office - Bismarck	Electrical Switchgear Replacement	The electrical switchgear in the basement mechanical room is estimated to be from 1967. This system should be planned for upgrading.	Alert	3.5	\$0	\$0	\$0	\$363,000			\$363,000	
Central Office - Bismarck	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof junctions, which allows cold air to infiltrate into the buildings.	Caution	2.7	\$310	\$0	\$310	\$16,000	29.2			\$16,000
Central Office - Bismarck	Window Replacement	The window systems are original to the building from 1967 and single pane, which causes comfort complaints. These systems should be planned for future replacement.	Alarm	3.2	\$455	\$0	\$455	\$650,000		\$650,000		
Central Office - Bismarck	Carpet Replacement	Carpet tile was installed during the remodels in 2015 and are beginning to show wear in the high traffic areas. Flooring has a low life expectancy, and a replacement plan should be put in place for each flooring system.	Acceptable	1.5	\$0	\$0	\$0	\$707,000				
Central Office - Bismarck	Kewanee Boiler Replacement	The Kewanee hot water boiler is original from 1967 and has exceeded its life expectancy.	Acceptable	4.2	\$115	\$0	\$115	\$0				
Central Office - Bismarck	Complete Boiler Replacement	In addition to the Kewanee boiler, the PK Thermific hot water boiler was installed in 1998 and is nearing the end of their life expectancy. Replacement scheduled 2020/2021	Acceptable	4.4	\$165	\$0	\$165	\$0				

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Central Office - Bismarck	Hot Water Distribution Replacement	The hot water distribution piping to the building is original from 1967 and has exceeded its life expectancy.	Caution	2.6	\$0	\$0	\$0	\$1,510,000				\$0
Central Office - Bismarck	Chiller Replacement	The Trane water cooled chiller is original from 1967 and has exceeded its life expectancy.	Alarm	3.7	\$0	\$0	\$0	\$1,008,000		\$0		
Central Office - Bismarck	Domestic Hot Water Heater Replacement - Improvement no longer needed 8/24/23	There are multiple domestic water heaters in the facility of various ages.	Caution	2.2	\$0	\$0	\$0	\$24,750				\$0
Central Office - Bismarck	Domestic Piping Replacement	The domestic water piping throughout the facility appears original from 1967 and has exceeded its life expectancy.	Alert	2.4	\$0	\$0	\$0	\$629,000			\$0	
Devils Lake District Bldgs	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.2	\$825	\$170	\$995	\$60,250	32.2			
Devils Lake District Bldgs	Lighting Retrofit - Enhanced Project	Same as E.7a.	Alert	3.9	\$830	\$170	\$1,000	\$124,000			\$124,000	
Devils Lake District Bldgs	Electrical Distribution Replacement	The electrical distribution is estimated to be from 1990. This system should be planned for upgrading.	Caution	3.0	\$0	\$0	\$0	\$61,250				\$61,250
Devils Lake District Bldgs	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof junctions, which allows cold air to infiltrate into the buildings.	Alert	3.2	\$200	\$0	\$200	\$7,800	24.5		\$7,800	
Devils Lake District Bldgs	Roof Replacement	The existing roof systems were last replaced in 2008 with small leaks through the years. These systems should be planned for future replacement.	Alert	2.7	\$450	\$0	\$450	\$555,000			\$555,000	
Devils Lake District Bldgs	Surface Parking Lot	The district staff identified this project that they would like added to their project list.	Caution	1.8	\$0	\$0	\$0	\$185,000				\$185,000
Devils Lake District Bldgs	Carpet Replacement	Carpet tile and rolled carpet are of varying ages. Flooring has a low life expectancy, and a replacement plan should be put in place for each flooring system.	Acceptable	1.5	\$0	\$0	\$0	\$76,000				
Devils Lake District Bldgs	Splined Ceiling Replacement/Repair	The splined ceiling tile throughout the building appears to be from 1976, and has exceeded its life expectancy. A replacement plan should be in place for ceiling systems.	Alert	2.6	\$0	\$0	\$0	\$43,500			\$43,500	
Devils Lake District Bldgs	Interior Door Replacement	The interior doors average age through the facility is forty-four (44) years. These interior doors should be planned for future replacement.	Alert	2.6	\$0	\$0	\$0	\$34,000			\$34,000	
Devils Lake District Bldgs	Fire Alarm System Upgrade	The Simplex fire alarm system and devices appear to be from 1988, but the system does not function and is turned off. Fire alarm systems have a low life expectancy, and must be tested regularly to ensure they operate as designed.	Alarm	4.3	\$0	\$0	\$0	\$31,500		\$31,500		
Devils Lake District Bldgs	Install Fire Suppression System - Shop	The district staff identified this project that they would like added to their project list.		2.9	\$0	\$0	\$0	\$117,000				
Devils Lake District Bldgs	Install Fire Suppression System - Shop & Office	The district staff identified this project that they would like added to their project list.	Caution	2.9	\$0	\$0	\$0	\$178,000				\$178,000
Devils Lake District Bldgs	2008 Furnace Replacement	The furnace serving the 2008 lab office addition is original to the addition. This furnace is nearing the end of its life expectancy and should be planned for replacement.	Caution	2.4	\$0	\$0	\$0	\$4,950				\$4,950

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Devils Lake District Bldgs	Domestic Hot Water Heater Replacement	The electric domestic water heater in the facility was installed in 2019.	Acceptabl e	1.7	\$0	\$0	\$0	\$4,350				
Devils Lake District Bldgs	Install Door Access System	The district staff identified this project that they would like added to their project list.		1.9	\$0	\$0	\$0	\$37,000				
Devils Lake District Bldgs	Replace Furnaces with Central Systems	The furnaces in the facility vary in age, but a common theme was there is no zoning of the furnaces creating temperature control issues.	Caution	2.6	\$0	\$0	\$0	\$829,000				\$829,000
Dickinson District Bldgs	Energy Management and DDC - Base Scope (Dickinson)	The control system is from 2007 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies	Caution	3.9	\$1,620	\$250	\$1,870	\$37,750	15.3			\$0
Dickinson District Bldgs	Energy Management and DDC - Enhance Scope (Dickinson)	Same as C.5a.	Caution	3.9	\$1,995	\$300	\$2,295	\$52,750	16.9			\$0
Dickinson District Bldgs	Energy Management and DDC - Comprehensive Scope	Same as C.5a.	Caution	3.7	\$1,995	\$300	\$2,295	\$123,500	30.0			\$0
Dickinson District Bldgs	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.4	\$3,845	\$770	\$4,615	\$86,000	14.4		\$0	
Dickinson District Bldgs	Lighting Retrofit - Enhanced Project	Same as E.9a.	Alert	4.4	\$3,885	\$780	\$4,665	\$100,000	16.0		\$0	
Dickinson District Bldgs	Electrical Distribution Replacement	The electrical distribution is estimated to be from 1977. This system should be planned for upgrading.	Alert	3.5	\$0	\$0	\$0	\$230,000			\$230,000	
Dickinson District Bldgs	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof junctions, which allows cold air to infiltrate into the buildings.	Caution	2.7	\$750	\$0	\$750	\$28,000	23.8			\$28,000
Dickinson District Bldgs	Window Replacement	There are window systems from 1977 around the facility. These systems should be planned for future replacement.	Alert	2.8	\$230	\$0	\$230	\$151,000			\$151,000	
Dickinson District Bldgs	Door Replacement	Exterior doors around the facility are showing wear and tear. These systems should be planned for future replacement.	Alarm	3.2	\$0	\$0	\$0	\$77,500		\$77,500		
Dickinson District Bldgs	Redo Parking Lot (Richardton)	The parking lot was poured in 2003 with regular maintenance and crack sealing done over the years to keep the parking lot in good shape.	Alert	2.5	\$0	\$0	\$0	\$197,000				
Dickinson District Bldgs	Resurface Parking Lot (Dickinson)	The parking lot is estimated to be from 2005 with regular maintenance and crack sealing done over the years to keep the parking lot in good shape.	Alert	2.5	\$0	\$0	\$0	\$164,000				
Dickinson District Bldgs	Vinyl Tile Flooring Replacement (Richardton)	The vinyl tile is original from 2003 exceeding its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in place for each	Alert	2.6	\$0	\$0	\$0	\$3,000			\$0	
Dickinson District Bldgs	Install Fire Suppression System - Shop	The district staff identified this project that they would like added to their project list.		1.7	\$0	\$0	\$0	\$117,000				
Dickinson District Bldgs	Install Fire Suppression System - Shop & Office	The district staff identified this project that they would like added to their project list.	Caution	1.7	\$0	\$0	\$0	\$167,000				\$167,000
Dickinson District Bldgs	Domestic Water Heater Replacement (Mott)	The domestic water heater was installed in 2004.	Alert	2.7	\$0	\$0	\$0	\$3,100				

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Dickinson District Bldgs	Gas Infrared Heat Replacement (Richardton)	The gas infrared heater in the shop area was installed in 2003 and is nearing the end of its life expectancy.	Caution	2.2	\$0	\$0	\$0	\$24,750				\$0
Dickinson District Bldgs	Electric Baseboard Heat (Richardton)	The electric baseboard heat that heats the office area was installed in 2003.	Caution	2.2	\$0	\$0	\$0	\$5,200				\$0
Dickinson District Bldgs	Boiler Replacement (Dickinson)	The Multi-Temp hot water boilers are original from 1977 and have exceeded heir life expectancy. These boilers serve the heat pump loop and domestic water.	Alarm	5.0	\$1,300	\$300	\$1,600	\$0		\$0		
Dickinson District Bldgs	Heat Pump Loop Heat Injection Valve Replacement (Dickinson)	This valve appears to be original from 1977 and has exceeded its life expectancy.	Alert	3.7	\$0	\$0	\$0	\$5,950			\$0	
Dickinson District Bldgs	Building Hot Water Pump Replacement (Dickinson)	The hot water pumps serving the heat pump loop distribution through the facility are original from 1977 and have exceeded their life expectancy.	Alert	3.7	\$0	\$0	\$0	\$22,750			\$0	
Dickinson District Bldgs	Heat Pump Loop Pump Replacement (Dickinson)	The heat pump loop pumps serving the heat pump loop distribution through the facility are original from 1977 and have exceeded their life expectancy.	Alert	3.7	\$0	\$0	\$0	\$22,750			\$0	
Dickinson District Bldgs	Cooling Tower Install (Dickinson)	The cooling tower serving the heat pump loop distribution in the facility is from 1977 and beyond its	Alarm	5.0	\$0	\$250	\$250	\$0		\$0		
Dickinson District Bldgs	Heat Pump Replacement (Dickinson)	A majority of the heat pumps that serve the facility are from 2001, but the staff has started to see failures recently. Now that the heat pumps have reached	Alert	3.4	\$0	\$0	\$0	\$149,000			\$149,000	
Dickinson District Bldgs	Domestic Water Heater Replacement (Hettinger)	The domestic water heater was installed in 2009.	Caution	2.2	\$0	\$0	\$0	\$6,200				\$0
Dickinson District Bldgs	Domestic Water Fixture Efficiency Improvements	The domestic water fixtures in the facility are various ages. There is potential for reducing the water flow to fixtures to achieve energy savings.	Caution	2.6	\$265	\$30	\$295	\$5,050	13.5			\$5,050
Fargo District Building	Energy Management and DDC-Base Scope	The control system is from 2007 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Caution	3.9	\$2,255	\$340	\$2,595	\$39,000	12.1			\$0
Fargo District Building	Energy Management and DDC-Enhanced Scope	Same as C.6a.	Caution	3.8	\$2,255	\$340	\$2,595	\$109,500	25.8			\$0
Fargo District Building	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.4	\$2,985	\$600	\$3,585	\$60,500	13.3			
Fargo District Building	Lighting Retrofit - Enhanced Project	Same as E.11a.	Alert	4.4	\$3,015	\$610	\$3,625	\$70,750	14.9		\$0	
Fargo District Building	Shop Electrical Upgrades	The district staff identified this project that they would like added to their project list.	Alarm	4.3	\$0	\$0	\$0	\$237,000		\$0		
Fargo District Building	Seal Building Envelope to Minimize Air Leakage	There are building envelope issues that need to be addressed around windows, exterior doors, and wall/roof iunctions. which allows cold air to infiltrate into the	Caution	2.8	\$900	\$0	\$900	\$24,500	19.1			\$24,500
Fargo District Building	Window Replacement	There are window systems from 1968 on the first floor and basement that are single pane. These systems should be planned for future replacement.	Alarm	3.4	\$205	\$0	\$205	\$51,000		\$0		
Fargo District Building	Door Replacement	Exterior doors around the facility are showing wear and tear. These systems should be planned for future replacement.	Alert	2.7	\$0	\$0	\$0	\$97,500			\$73,125	
Fargo District Building	Resurface Parking Lot	The parking lot is from 2007 with regular maintenance and crack sealing done over the years to keep	Alert	2.5	\$0	\$0	\$0	\$576,000			\$576,000	

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Fargo District Building	Carpet Replacement	Rolled carpet was installed in 2013 in the office area and is beginning to show wear in the high traffic areas. Flooring has a low life expectancy, and a replacement plan should be put in place for each	Caution	2.1	\$0	\$0	\$0	\$116,500				\$116,500
Fargo District Building	Vinyl Tile Flooring Replacement	There is vinyl tile from 2007 in the hallways that is nearing the end of its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in place	Alert	2.6	\$0	\$0	\$0	\$49,000			\$49,000	
Fargo District Building	Fire Alarm System Upgrade	The Simplex fire alarm system and devices appear to be from 1988. Fire alarm systems have a low life expectancy, and must be tested regularly to ensure they	Alarm	4.3	\$0	\$0	\$0	\$94,000		\$0		
Fargo District Building	Install Fire Suppression System - Shop	The district staff identified this project that they would like added to their project list.		2.9	\$0	\$0	\$0	\$117,000				
Fargo District Building	Install Fire Suppression System - Shop & Office	The district staff identified this project that they would like added to their project list.	Caution	2.9	\$0	\$0	\$0	\$173,000				\$173,000
Fargo District Building	Hot Water Piping Replacement	The hot water distribution piping to the building is original from 1968 and has exceeded its life expectancy.	Alert	2.7	\$0	\$0	\$0	\$388,000			\$388,000	
Fargo District Building	VAV Replacement	The variable air volume (VAV) boxes throughout the facility serving the office areas are original from 1996. Unless there has been a cleaning program, these boxes are likely dirty reducing their efficiency	Alert	3.1	\$0	\$0	\$0	\$98,500			\$73,875	
Fargo District Building	Domestic Hot Water Heater Replacement	There are multiple domestic water heaters in the facility of various ages.	Acceptable	1.7	\$0	\$0	\$0	\$12,500				
Fargo District Building	Furnace Replacement	The Trane furnace serving the shop office was installed in 2007 and is nearing the end of its life expectancy.	Caution	2.6	\$0	\$0	\$0	\$9,900				\$9,900
Fargo District Building	Domestic Water Fixture Efficiency Improvements	The domestic water fixtures in the facility are various ages. There are opportunities to reduce water flow of the fixtures.	Acceptable	2.1	\$425	\$50	\$475	\$5,700	10.1			
Fargo District Building	AHU Replacement	The Trane variable volume air handling unit was installed in 1996. This unit should be replaced and resized based on the loads and spaces served by the air handling units.	Alert	3.1	-\$370	\$0	-\$370	\$136,000			\$136,000	
Fargo District Building	MAU Replacement	The make up air handling units that serve the shop have exceeded their life expectancy. A replacement plan should be in place for future replacement and these units should be sized properly for the loads in the spaces they serve	Alert	3.1	-\$375	\$0	-\$375	\$98,500			\$98,500	
Grand Forks District Bldgs	Energy Management and DDC-Base Scope	The control system is from 2017 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Acceptable	3.4	\$1,315	\$200	\$1,515	\$33,500	16.4			
Grand Forks District Bldgs	Energy Management and DDC-Enhanced Scope	Same as C.7a.	Acceptable	3.2	\$1,315	\$200	\$1,515	\$129,500	39.0			
Grand Forks District Bldgs	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.4	\$2,605	\$530	\$3,135	\$42,750	11.2		\$0	
Grand Forks District Bldgs	Lighting Retrofit - Enhanced Project	Same as E.12a.	Alert	4.4	\$2,635	\$530	\$3,165	\$45,750	11.8		\$0	
Grand Forks District Bldgs	Electrical Switchgear and Distribution Replacement	The electrical switchgear (1997) and distribution (1972) are nearing the end of the life expectancy for each system. These systems should be planned for	Alert	3.5	\$0	\$0	\$0	\$368,000			\$368,000	

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Grand Forks District Bldgs	Roof Replacement	The existing ballasted EPDM membrane roof was installed in 1996 and has experienced with small leaks through the years around the roof drains. These systems should be planned for future replacement.	Alert	2.7	\$320	\$0	\$320	\$862,000			\$862,000	
Grand Forks District Bldgs	Window Replacement	There are window systems from 1988 around the facility along with flashing issues windows around the facility. These systems should be planned for future replacement.	Alarm	3.2	\$220	\$0	\$220	\$274,000		\$27,400		
Grand Forks District Bldgs	Door and Garage Door Replacement	Exterior and garage doors around the facility are showing wear and tear such as paint fading. These systems should be planned for future replacement.	Alert	2.7	\$0	\$0	\$0	\$235,000			\$235,000	
Grand Forks District Bldgs	Resurface Parking Lot - East Public Lot	The parking lot was last resurfaced in 2003 with regular maintenance and crack sealing done over the	Alert	2.5	\$0	\$0	\$0	\$500,000			\$500,000	
Grand Forks District Bldgs	Resurface Parking Lot - Rest of Parking Lot	The parking lot was last resurfaced in 2003 with regular maintenance and crack sealing done over the	Alert	2.5	\$0	\$0	\$0	\$247,000			\$247,000	
Grand Forks District Bldgs	Vinyl Tile Flooring Replacement (Grand Forks Shop)	There is vinyl tile from 1996 in the restrooms that has exceeded its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in place	Alert	2.6	\$0	\$0	\$0	\$22,250			\$22,250	
Grand Forks District Bldgs	Vinyl Tile Flooring Replacement (Construction Office)	There is vinyl tile from 1991 through a majority of the building that has exceeded its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in	Alert	2.6	\$0	\$0	\$0	\$22,250				
Grand Forks District Bldgs	Wood Door Replacement (Construction Office)	The wood interior doors were installed in 1991 and are approaching the end of their life expectancy. These interior doors should be planned for future	Alert	2.6	\$0	\$0	\$0	\$7,700				
Grand Forks District Bldgs	Vinyl Tile Flooring Replacement (Truck Shed)	There is original vinyl tile from 2003 that has exceeded its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in place	Alert	2.6	\$0	\$0	\$0	\$6,700				
Grand Forks District Bldgs	Vinyl Tile Flooring Replacement (Sign Shop)	There is vinyl tile from 1982 that has exceeded its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put in place for each	Alert	2.6	\$0	\$0	\$0	\$18,500				
Grand Forks District Bldgs	Domestic Hot Water Heater Replacement	There are multiple domestic water heaters in the facilities of various ages.	Alarm	3.3	\$0	\$0	\$0	\$17,250		\$0		
Grand Forks District Bldgs	Infrared Heater Replacement (Shop)	The infrared heaters in the shop that provide heat were installed in 1996.	Caution	2.2	\$0	\$0	\$0	\$25,750				\$25,750
Grand Forks District Bldgs	Hanging Heaters Replacement	The hanging heaters in the facilities vary in age, but a majority have exceeded their life expectancy.	Caution	2.2	\$0	\$0	\$0	\$24,750				\$24,750
Grand Forks District Bldgs	Domestic Piping Replacement (Construction Office)	The domestic water piping throughout the facility was installed in 1991 and is approaching the end of its life expectancy.	Caution	1.9	\$0	\$0	\$0	\$18,500				
Grand Forks District Bldgs	Domestic Piping Replacement (Sign Shop)	The domestic water piping throughout the facility is original from 1974 and has exceeded its life expectancy.	Alert	2.4	\$0	\$0	\$0	\$75,000				
Grand Forks District Bldgs	Construction Office Remodel	The district staff identified this project that they would like added to their project list.		1.6	\$0	\$0	\$0	\$895,000				
Grand Forks District Bldgs	Construction Office New Building and Demo	The district staff identified this project that they would like added to their project list.		1.6	\$0	\$0	\$0	\$2,780,000				
Grand Forks District Bldgs	RTU Replacement (Grand Forks Office)	The Titan packaged rooftop air handling unit that serves the building was installed in 1996 and has exceeded its life expectancy. This unit should be replaced with a new rooftop unit that is sized properly for the building.	Alarm	3.7	-\$380	\$0	-\$380	\$46,250		\$46,250		

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Grand Forks District Bldgs	MAU Replacement (Grand Forks Office)	The gas fired make up air handling unit that serves the building was installed in 1996 and has exceeded its life expectancy. A replacement make up air handling unit should be planned and sized properly for the building.	Alarm	3.7	-\$785	\$0	-\$785	\$56,000		\$56,000		
Grand Forks District Bldgs	MAU Replacement (Grand Forks Shop)	The gas fired make up air handling unit that serves the building was installed in 1996 and has exceeded its life expectancy. A replacement make up air handling unit should be planned and sized properly for the building.	Alarm	3.7	-\$635	\$0	-\$635	\$158,000		\$158,000		
Grand Forks District Bldgs	MAU Replacement (Sign Shop)	The make up air handling unit that serves the truck bay was installed in 1974 and has exceeded its life expectancy. A replacement make up air handling unit should be planned and sized properly for the building.	Alarm	3.7	-\$635	\$0	-\$635	\$29,750		\$29,750		
Minot District Bldgs	Energy Management and DDC-Base Scope	The control system is from 2007 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Caution	3.9	\$1,495	\$230	\$1,725	\$32,750	14.6			\$0
Minot District Bldgs	Energy Management and DDC-Enhanced Scope	Same as C.8a.	Caution	3.7	\$1,495	\$230	\$1,725	\$94,500	30.3			\$0
Minot District Bldgs	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.5	\$9,330	\$1,870	\$11,200	\$97,500	7.7		\$0	
Minot District Bldgs	Lighting Retrofit - Enhanced Project	Same as E.14a.	Alert	4.5	\$9,425	\$1,890	\$11,315	\$106,000	8.2		\$0	
Minot District Bldgs	Electrical Switchgear and Distribution Replacement	The electrical switchgear (1961) and distribution (1991) are near or exceeding their life expectancy for each system. These systems should be planned for	Alert	3.5	\$0	\$0	\$0	\$187,000			\$187,000	
Minot District Bldgs	Roof Replacement	The existing EPDM membrane roof was replaced in 2000 with small leaks through the years. These systems should be planned for future replacement.	Caution	2.2	\$265	\$0	\$265	\$461,000				\$461,000
Minot District Bldgs	Window Replacement	There are single pane window systems from 1969 around the facility. These systems should be planned for future replacement.	Alarm	3.2	\$180	\$0	\$180	\$252,000		\$0		
Minot District Bldgs	Exterior Door and Overhead Door Replacement	Exterior and garage doors around the facility are showing wear and tear such as paint fading. These systems should be planned for future replacement.	Alert	2.7	\$0	\$0	\$0	\$56,000			\$14,000	
Minot District Bldgs	Resurface Parking Lot	The parking lot was replaced in 2007 with regular maintenance and crack sealing done over the years	Alert	2.5	\$0	\$0	\$0	\$569,000			\$569,000	
Minot District Bldgs	Carpet Replacement	Rolled carpet was installed in 2000 in office/conference rooms and is showing wear in the high traffic areas. Flooring has a low life expectancy, and a replacement plan should be put in place for each flooring system.	Alert	2.6	\$0	\$0	\$0	\$37,250			\$0	
Minot District Bldgs	Vinyl Tile Flooring Replacement	There is a lot of vinyl tile from 2000 in the hallways/restrooms that has exceeded its life expectancy. Flooring has a low life expectancy, and a replacement plan	Alarm	3.1	\$0	\$0	\$0	\$5,950		\$5,950		
Minot District Bldgs	Ceiling Grid Replacement	The acoustical ceiling tile throughout the office area appears to be from 1998, and nearing its life expectancy. A replacement plan should be in place for ceiling	Caution	2.1	\$0	\$0	\$0	\$15,500				\$15,500
Minot District Bldgs	Adhered Ceiling Repair/Replacement	The adhered ceiling tile through the laboratory space appears to be from 1969 exceeding its life expectancy. A replacement plan should be in place for ceiling	Alarm	3.1	\$0	\$0	\$0	\$5,950		\$5,950		

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Minot District Bldgs	Wood Door Replacement	The wood interior doors were installed in 1998 and are approaching their life expectancy. These interior doors should be planned for future replacement.	Caution	2.1	\$0	\$0	\$0	\$31,000				\$31,000
Minot District Bldgs	Fire Alarm System Upgrade	The Altronic fire alarm system and devices appear be from 2007. Fire alarm systems have a low life expectancy, and must be tested regularly to ensure they	Caution	3.2	\$0	\$0	\$0	\$78,000				\$78,000
Minot District Bldgs	Expand Fire Suppression System	The district staff identified this project that they would like added to their project list.	Caution	3.2	\$0	\$0	\$0	\$86,500				\$77,850
Minot District Bldgs	Hot Water Distribution Replacement	The hot water distribution piping to the building is estimated to be at least fifty (50) years old, which	Caution	2.2	\$0	\$0	\$0	\$115,500				\$115,500
Minot District Bldgs	Infrared Heater Replacement	The infrared unit heaters that serve the shop were installed in 2007 and are approaching the end of their life expectancy.	Acceptable	1.7	\$0	\$0	\$0	\$24,750				
Minot District Bldgs	Furnace Replacement	The Carrier furnace serving the shop office was installed in 2000 and has exceeded its life expectancy.	Alert	2.9	\$0	\$0	\$0	\$29,750			\$0	
Minot District Bldgs	Electric Baseboard Replacement	The electric baseboard heat that heats offices and restrooms were installing in 2000.	Alert	2.7	\$0	\$0	\$0	\$24,750			\$24,750	
Minot District Bldgs	Domestic Hot Water Heater Replacement	There are multiple domestic water heaters in the facility of various ages.	Alert	2.7	\$0	\$0	\$0	\$4,950			\$4,950	
Minot District Bldgs	Multizone AHU Replacement	The Tjernlund multizone air handling unit that serves the office area was installed in 1969 and has exceeded its life expectancy. A replacement plan should be in place to replace this unit with a new unit properly sized to serve this area	Alarm	3.7	-\$155	\$0	-\$155	\$111,000		\$0		
Minot District Bldgs	Gas Fired AHU Replacement	The gas fired make up air handling units that serves the shop was installed in 1969 and has exceeded its life expectancy. A replacement make up air handling unit should be planned and sized properly for the building.	Alarm	3.7	-\$590	\$0	-\$590	\$139,000		\$0		
Valley City District Bldgs	Energy Management and DDC-Base Scope	The control system is from 2008 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Caution	3.9	\$2,100	\$320	\$2,420	\$33,250	11.3			\$0
Valley City District Bldgs	Energy Management and DDC-Enhanced Scope	Same as C.9a.	Caution	3.8	\$2,150	\$330	\$2,480	\$95,000	24.2			\$0
Valley City District Bldgs	Electrical Switchgear and Distribution Replacement	The electrical switchgear and distribution is original to the building from 1973. These systems should be planned for upgrading.	Alert	3.7	\$0	\$0	\$0	\$190,000			\$0	
Valley City District Bldgs	Window Replacement	There are window systems from 1973 around the facility with the glazing deteriorating and asbestos. These systems should be planned for future replacement and asbestos should be	Alarm	3.4	\$225	\$0	\$225	\$206,000		\$20,600		
Valley City District Bldgs	Exterior Door Replacement	Exterior doors around the facility are showing wear and tear. These systems should be planned for future replacement.	Alarm	3.2	\$0	\$0	\$0	\$82,000		\$61,500		
Valley City District Bldgs	Asbestos Abatement Allowance	The district staff identified this project that they would like added to their project list.	Alarm	3.2	\$0	\$0	\$0	\$148,000		\$148,000		
Valley City District Bldgs	Carpet Replacement	Carpet tile (2012) and rolled carpet (2008) are nearing their life expectancy and are beginning to show wear in the high traffic areas. Flooring has a low life expectancy, and a replacement plan	Alert	2.6	\$0	\$0	\$0	\$13,750			\$13,750	
Valley City District Bldgs	Vinyl Tile Flooring Replacement	There is a lot of original vinyl tile from 2005 that is nearing the end of its life expectancy. Flooring has a low life expectancy, and a replacement plan should be put	Alarm	3.1	\$0	\$0	\$0	\$13,250		\$13,250		

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Valley City District Bldgs	Interior Door Replacement	The interior doors appear original to the building from 1973. These interior doors should be planned for future replacement.	Alert	2.6	\$0	\$0	\$0	\$23,250			\$23,250	
Valley City District Bldgs	Fire Alarm System Upgrade	The Simplex fire alarm system and devices appear to be original to the facility from 1973, is obsolete and doesn't meet code. Fire alarm systems have a low life	Alarm	4.3	\$0	\$0	\$0	\$19,000		\$0		
Valley City District Bldgs	Install Fire Suppression System	The district staff identified this project that they would like added to their project list.	Caution	2.9	\$0	\$0	\$0	\$179,000				\$179,000
Valley City District Bldgs	Furnace Replacement	The furnaces that serve the office building (2000) and the shop office (1998) have exceeded their life expectancy and experience zone control comfort issues.	Alert	2.9	\$0	\$0	\$0	\$69,000			\$69,000	
Valley City District Bldgs	Original Gas Heater Replacement	The gas unit heaters in the shop area are original from 1973 and have exceeded their life expectancy.	Alarm	3.3	\$0	\$0	\$0	\$24,750		\$24,750		
Valley City District Bldgs	Domestic Hot Water Heater Replacement	A replacement plan should be put in place for each water heater to be replaced with higher efficiency units.	Acceptable	1.7	\$0	\$0	\$0	\$6,200				
Valley City District Bldgs	Domestic Piping Replacement	The domestic water piping throughout the facility is original from 1973 and has exceeded its life expectancy.	Alert	2.4	\$0	\$0	\$0	\$34,000			\$34,000	
Valley City District Bldgs	Install Door Access System	The district staff identified this project that they would like added to their project list.		1.6	\$0	\$0	\$0	\$46,250				
Valley City District Bldgs	Replace Furnaces with Central Systems	The furnaces in the facility vary in age, but a common theme was there is no zoning of the furnaces creating temperature control issues.	Alert	3.1	-\$115	\$0	-\$115	\$518,000			\$518,000	
Valley City District Bldgs	Shop MAU Replacement	The Reznor make up air handling unit that serves the shop has exceeded its life expectancy. A new make up air handling unit should be sized properly for the shop to replace this unit.	Alert	3.1	-\$1,645	\$0	-\$1,645	\$74,000			\$74,000	
Williston District Bldgs	Energy Management and DDC-Base Scope	The control system is from 2007 as is most of the equipment and sequences. Over time, this equipment becomes out of calibration and programming can be optimized with new strategies.	Caution	3.8	\$560	\$90	\$650	\$23,250	23.1			\$0
Williston District Bldgs	Energy Management and DDC-Enhanced Scope	Same as C.10a.	Caution	3.4	\$560	\$90	\$650	\$86,500				\$0
Williston District Bldgs	Lighting Retrofit - Base Project	A majority of the building utilizes fluorescent lighting technology, including bulbs and ballasts.	Alert	4.5	\$4,355	\$880	\$5,235	\$62,000	10.0		\$0	
Williston District Bldgs	Lighting Retrofit - Enhanced Project	Same as E.17a.	Alert	4.4	\$4,400	\$880	\$5,280	\$67,500	10.6		\$0	
Williston District Bldgs	Electrical Distribution Upgrade	The electrical distribution was installed in 1962, but staff has issues with breakers trip often from the kitchen. These systems should be planned for upgrading.	Alert	3.5	\$0	\$0	\$0	\$143,000			\$143,000	
Williston District Bldgs	Window Replacement	There are window systems from 1962 around the facility. These systems should be planned for future replacement.	Alarm	3.2	\$80	\$0	\$80	\$493,000		\$493,000		
Williston District Bldgs	Concrete Replacement	The sidewalks around the facility are in poor conditions with cracks.	Alert	2.5	\$0	\$0	\$0	\$51,750			\$51,750	
Williston District Bldgs	Boiler Replacement	These boilers should be planned for future replacement with higher efficiency boilers.	Caution	2.4	\$70	\$0	\$70	\$124,000				\$124,000

NDDOT Facilites Assessment

Facility	Short Description		Asset Condition	Priority	Utility Savings	O&M Savings	Total Savings	Net Cost	Simple Payback	Alarm Condition Remaining	Alert Condition Remaining	Caution Condition Remaining
Williston District Bldgs	Infrared Heat and Unit Heater Replacement	The shop areas are served by these system that were installed in 2007.	Acceptable	1.7	\$0	\$0	\$0	\$32,250				
Williston District Bldgs	Domestic Hot Water Heater Replacement	There are multiple domestic water heaters in the facility of various ages.	Alert	2.7	\$0	\$0	\$0	\$6,200			\$6,200	
Williston District Bldgs	Replace Office AHU	The district staff identified this project that they would like added to their project list.	Caution	2.2	\$0	\$0	\$0	\$24,750				\$24,750
Williston District Bldgs	Condensing Unit Replacement	The district staff identified this project that they would like added to their project list.	Alert	2.7	\$0	\$0	\$0	\$12,500			\$12,500	
Total										\$2,052,200	\$8,258,675	\$4,020,000