

USDA-ARS	Task Orders	Total Fee	Service Period	Contract Number	Capacity Number
North Plains Region AE IDIQ	20	\$2.5M	2023-2028	12805B23D0005	\$20M
North Plains Region AE IDIQ	18	\$3.5M	2021-2026	12805B21D0005	\$3.75M

Past Experience



Northern Crop Science Lab, Greenhouses Renovation | Fargo, ND

This 10-range, 53,000 SF complex was built through five phases between 1980 and 1992. Schemmer conducted a field investigation and laser scanned the facility. The project includes hazardous material abatement, exterior glazing replacement, new doors, all new piping, new heating and cooling systems, new controls, new lighting, the installation of ridge vents and new ABA-compliant plant benches. Five of the ten ranges are complete.



Clay Center Animal Shade Structures | Clay Center, NE

Schemmer designed sun shade structures for cattle and sheep, exploring options like fabric shades and metal buildings while facing design and scheduling challenges.



Potato Processing Lab Renovation | East Grand Forks, MN

The project included renovation of offices, lab space, and restrooms. The lab was designed for the unique requirements of the potato testing area to include potato peeler, fryers, photography stations, and potato juicing station. The analytical laboratory included coolers, fume hoods, and emergency eyewash/shower.

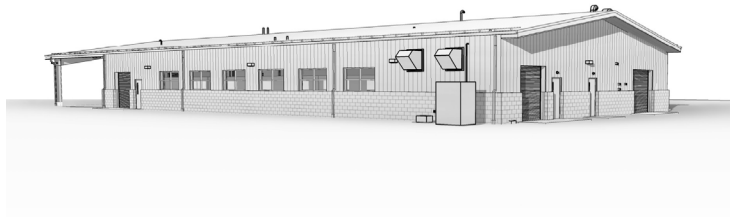


Third Floor Metabolic Research Unit (Sleep Lab) | Grand Forks, ND

The project remodeled 7,000 SF of research space in the Human Nutrition Resource Center. The research area consists of five pairs of sleeping rooms with shared bathrooms, reception, testing, and common space. Fire and life safety was a major component of the design.



Past Experience



Miles City Cattle Facility | Miles City, MT

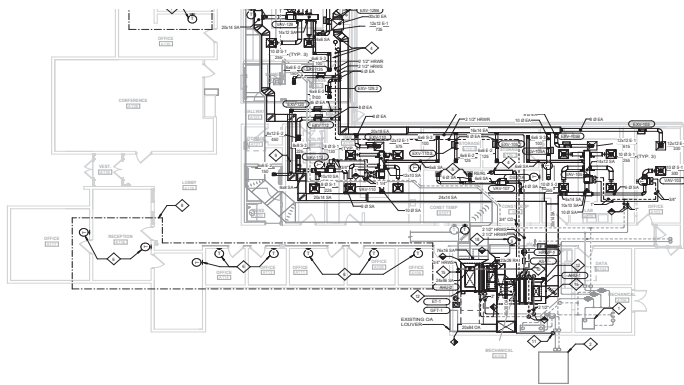
This project replaced the 6,000 SF cattle scale house with an 8,400 SF metal building. The new facility will include a run-up alley, squeeze chute, scale, holding pens, testing room, feed storage, veterinary services, offices, restrooms, and gas radiant heating.

The scope included survey, geotechnical borings, and a hazardous materials survey.



Biological Research Lab, Master Plan | Fargo, ND

Schemmer master planned the USDA's 88,000 SF Biosciences Research Laboratory campus in Fargo, ND to optimize space utilization across six research units. The project involved aggregating data from multiple facilities to 99% accuracy and will determine space deficits to propose a new laboratory building. The master plan addresses buildings from 1962 that require modernization from their original 1960s design, with an estimated \$22.8 million in future work value.



HVAC Replacement | Akron, CO

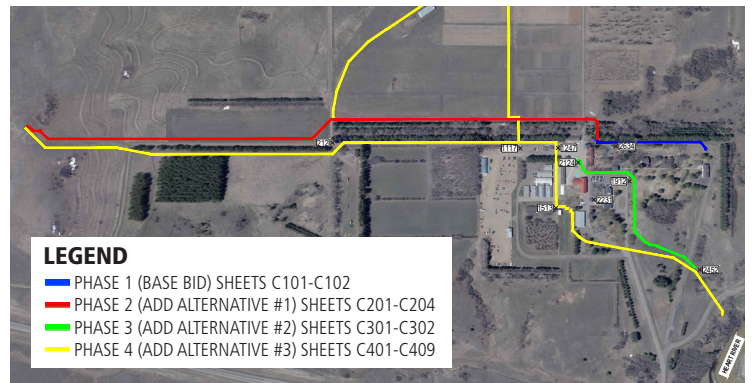
The project included a thorough evaluation of the existing HVAC systems to determine the extent of replacement required to bring the facility into compliance with current building design standards and energy codes. This comprehensive assessment covered all mechanical components including boilers, chillers, air handling units, ductwork, controls, and associated pumping systems. The design replaced both air handlers and separated the supply and return ductwork to allow for once through air in the labs.



Biosciences Research Lab, Second Floor South Bio Lab Remodel | Fargo, ND

This renovation project refreshed the outdated laboratories in the south wing. New larger laboratory suites that encourage researcher collaboration and sharing of equipment resources were created.

Design features included metal laboratory casework, epoxy countertops, code-compliant eye wash stations, motorized roller window shades, electrostatic dissipative floor tile, open exposed-to-structure ceiling spaces, and a shared freezer room.



Replace Water Supply Infrastructure | Mandan, ND

Four-phase replacement of domestic and agricultural water supply infrastructure at the ARS Mandan research site. Included sizing and routing of new waterlines, decommissioning existing infrastructure, and trenchless technologies to minimize disruption. Project encompassed 13,000 LF of irrigation line replacement and 1,250 LF of domestic water line replacement.



New Back-up Power Generators | Fargo, ND

The project evaluated the existing back-up power equipment, building load, and power distribution to provide a report and evaluation. Project developed and designed to install 3 new 400 KW generators in a building addition to allow the USDA to meet XcelEnergy Peak-Controlled Tier1 program requirements and current ARS Standards.



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