



State of South Dakota

State and Local Fiscal Recovery Funds

2023 Recovery Plan Performance Report

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GENERAL OVERVIEW

Executive Summary

The State of South Dakota (State) was allocated \$1.25 billion under the American Rescue Plan Act (ARPA) Coronavirus State and Local Fiscal Recovery Funds (SLFRF). From that allocation, \$974.5 million was allocated for State use and \$65.2 million was to be distributed to non-entitlement units of local government (NEUs) via the State. The counties, Sioux Falls, and Rapid City all received direct allocations from the U.S. Department of Treasury (Treasury) for \$171.8 million, \$25.4 million, and \$13.0 million, respectively. The State received the funds in two tranches, August 2021 and June 2022.

The State's legislative session occurs annually from January to March. The 2022 legislative session appropriated \$870.8 million of the State's SLFRF allocation to support healthcare access, economic growth, and long-term infrastructure needs. Of the \$870.8 million appropriated, \$782.8 million was appropriated for immediate use and \$88.0 million was made available for use in Fiscal Year 2023 (beginning July 1, 2022).

In the early stages of the COVID-19 health pandemic, the State prioritized responding to the immediate needs of its communities and businesses to address public health and negative economic impacts. Of the State's \$1.25 billion Coronavirus Relief Fund (CRF) allocation, the State distributed \$340.7 million to businesses, \$207.5 million to local governments, \$154.4 million to healthcare providers, and \$77.9 million to schools and continuing education centers. These distributions allowed grantees to respond to the pandemic in ways that would best serve their specific needs. The use of CRF and the availability of new grant funding for capital projects and infrastructure informed the decisions and priorities reflected in the State's allocation of SLFRF.

The State's approach to identifying appropriate and transformational projects to fund with SLFRF reflects the Treasury's priorities to improve the quality of life for all State residents, support sustainable economic recovery and growth, and improve the State's ability to meet its residents' needs. The appropriated projects can be grouped into four priority areas:

1. Support improvements to water and sewer infrastructure across the state;
2. Improve access to healthcare, especially in rural areas and for individuals requiring behavioral health support;
3. Upgrade technology to improve provision of State services and meet South Dakotans' 21st century needs; and
4. Promote tourism and job growth.

In addition to its own funding, the State distributed funds to NEUs per the Treasury's guidance. These NEU distributions allow local governments to address the specific needs of their communities, while the State addresses economic, infrastructure, and public health needs at the State level. These distributions were completed in August 2022.

The following is a comprehensive list of the funds appropriated during the 2022 legislative session.

2022 Bill	Project Name	Administering Agency	Appropriation
Appropriation available beginning March 28, 2022			
SB 62	Environmental Funding Projects (Private)	Department of Agriculture and Natural Resources	\$600,000,000
SB 50	Environmental Funding Projects (State)	Bureau of Administration	\$60,000,000
HB 1033	Workforce Housing ¹	South Dakota Housing Development Authority	\$50,000,000
SB 55	Broadband	Governor's Office of Economic Development	\$50,000,000
SB 60	LIFEPAK Replacement Initiative	Department of Health	\$11,610,222
SB 31	Reemployment Assistance System Upgrade	Department of Labor and Regulation	\$5,500,000
HB 1013	Capitol Lake Master Plan	Bureau of Administration	\$3,000,000
SB 60	EMS Telehealth Services	Department of Health	\$1,737,500
Appropriation available beginning July 1, 2022			
HB 1340	Tourism Marketing Plan	Department of Tourism	\$35,000,000
HB 1340	Administrative Expenses	Bureau of Finance and Management	\$30,000,000
HB 1340	Behavioral Health Service Delivery Transformation	Department of Social Services	\$15,000,000
HB 1340	EMS Regional Service Designation	Department of Health	\$8,000,000

¹ SB 41 (2023) reissued an expenditure authority for this \$50.0 million. It is not shown in this table as it is not a new appropriation of funds.

Uses of Funds

The State is using SLFRF to support a strong, equitable recovery that meets the needs of South Dakotans. To maximize impact, South Dakota is prioritizing projects that foster long-term impact via investments in healthcare access, economic revitalization, access to clean and safe water, connectivity, and government modernization.

a. Public Health (EC 1)

The COVID-19 health pandemic highlighted the need for a comprehensive and integrated approach to healthcare. Many South Dakotans live in rural areas with limited access to structured healthcare. As such, they rely on small, local providers and EMS services, which are often limited in their capabilities. Additionally, South Dakota experienced an increase in demand for behavioral health services caused by social distancing and the economic downturn, among other impacts to daily life from COVID-19.

The projects approved during the 2022 legislative session address these needs in four ways. Three of the appropriated projects support EMS providers in the state by providing upgraded technology and devices and the appropriate training for effective use. These projects will increase the quality and accessibility of healthcare services across the state, and especially in rural areas. The fourth project addresses the behavioral health crisis by building and/or renovating crisis stabilization centers.

b. Negative Economic Impacts (EC 2)

Tourism is an integral component of South Dakota's economy, making up 5.1% of the State's economy.² Although much of the tourism in the state is related to outdoor activities—such as Badlands National Park and the Black Hills—COVID-19 negatively impacted the sector as South Dakotans and out-of-state visitors experienced travel limitations.

To address the impact of COVID-19 on the sector and other local businesses, the State has allocated \$35.0 million for tourism marketing to promote South Dakota's offerings for visitors and a workforce recruitment campaign for industries negatively impacted by the pandemic.

c. Public Health-Negative Economic Impact: Public Sector Capacity (EC 3)

The COVID-19 health pandemic highlighted the need for efficient and modernized government services to effectively respond to the needs of its residents. At the beginning of the pandemic as the federal government introduced new programs for unemployment assistance, the reemployment assistance computer system was quickly identified to be outdated and impeded the State's ability to quickly distribute assistance to its residents. The existing system required specialized knowledge to provide system upgrades and manual oversight to prevent distribution errors.

The State appropriated \$5.5 million of SLFRF to modernize the benefits portion of the reemployment assistance computer system. This upgrade will improve the State's ability to administer unemployment programs, distribute unemployment benefits more efficiently,

² Tourism Economics. (n.d.) *Economic Impact of Tourism in South Dakota 2021: Prepared for South Dakota Department of Tourism*. Retrieved July 12, 2022 from https://sdvisit.com/sites/default/files/2022-01/21EcoImp_Tourism_Economics.pdf

reduce fraudulent claims and payments, and implement policy changes from the federal government quickly.

d. Premium Pay (EC 4)

The State is not planning to provide any premium pay to public or private sector employees.

e. Water, sewer, and broadband infrastructure (EC 5)

The State chose to prioritize necessary improvements to water and sewer infrastructure across the state with its SLFRF allocation. Robust water and sewer infrastructure is necessary for protecting human health and attracting investment. South Dakota's expansive geography and low population density makes investments in infrastructure costly and difficult to implement. The State has allocated \$663.0 million for these improvements through grants to local governments, non-profits, and other private entities, and at state-owned facilities.

The use of grant programs for distributing water and sewer infrastructure funding allows communities to identify their most pressing infrastructure needs and will supplement grants awarded through the State's Clean Water and Drinking Water State Revolving Funds. These projects will ensure all South Dakotans have access to clean drinking water and adequate sewage treatment. Many grantees are prioritizing wastewater treatment facility upgrades and expansion, which will reduce potential environmental contamination and help the state respond to any population growth.

The COVID-19 pandemic also highlighted the need for broadband expansion and access across the state—especially in rural areas—to support telehealth, online learning, and remote work. The State is funding broadband infrastructure projects with the goal of achieving broadband coverage across the entire state, fostering long-term impact for South Dakotans of all walks of life.

f. Revenue Replacement (EC 6)

The State of South Dakota opted to select the \$10.0 million standard allowance. As of June 30, 2023, these funds have not been appropriated for a specific use.

In addition to the State and Local Fiscal Recovery Funds, the State of South Dakota is leveraging other federal funding sources to maximize impact on economic growth, including, but not limited to: the Emergency Rental Assistance Program, Homeowner Assistance Fund, ARPA Capital Projects Fund, and State Small Business Credit Initiative, and various grant opportunities made available through the Infrastructure Investment and Jobs Act and Inflation Reduction Act.

Promoting Equitable Outcomes

The State's prioritization of projects to fund with SLFRF dollars reflects its experiences during the health pandemic and its public health and economic goals moving forward. The State of South Dakota strives to provide services that meet the needs of its residents, noting that fixed costs can be a greater burden to rural communities. The State is working to overcome growing urban-rural digital divides to ensure that costs are not a barrier to accessing services.

Additionally, underserved communities in South Dakota are likely to derive a greater benefit from many programs than communities that already have adequate services. For example, Connect SD—the State’s broadband expansion initiative—aims to bring high-speed, affordable internet to 100% of the state. While this initiative benefits residents throughout South Dakota, residents in remote communities will experience a more significant impact in their ability to work, study, and participate in telehealth remotely. Similarly, all South Dakotans that require EMS services will benefit from LIFEPAK and telehealth technologies on ambulances, but the primary impact will be a service gap reduction for residents who live farther away from hospitals.

The Department of Agriculture and Natural Resources’ (DANR) Environmental Funding Projects developed a distribution criterion that assured some level of funding to all eligible applicants to provide benefits across the state, considering population size and user rates as part of the decision factors. After that baseline funding level was determined, communities under certain population thresholds and with rates higher than a standard level were reviewed for additional grant funding consideration to assure equitable distribution of funds. In this way, DANR assured both large and small systems were provided some level of funding and higher levels were provided on a per capita basis to smaller communities which make up a larger percentage of disadvantaged systems and have less economy of scale to complete projects.

Community Engagement

The State approached community engagement and public participation for use of federal funding opportunities at a high level to capture feedback and ideas from South Dakotans. As part of these efforts, the State used three primary vehicles to incorporate public opinion into the identification of appropriate uses of funding.

First, Governor Noem hosted multiple in-person and virtual town hall listening sessions with legislators who shared various input from community leaders and residents. These sessions were more broadly related to current challenges and future goals of the state. This helped state officials planning for the use of funds identify key themes and priorities for the state’s residents.

Second, the State relied on agencies and departments to propose projects that would best serve South Dakotans. Agency officials are the State’s leading experts on identifying and addressing the needs of the State’s residents and collect information on the residents’ needs and desires through a variety of formal and informal community engagement mechanisms.

Finally, each proposed project was passed by the State legislature. Through the legislative process, elected officials voted and advocated for projects that would address the needs of their constituents. Each project had bill hearings which allowed for public testimony and input.

Labor Practices

For infrastructure and capital expenditures projects, the State of South Dakota is using strong labor standards to promote effective and efficient delivery of high-quality infrastructure projects while also supporting the economic recovery through strong employment opportunities for workers. South Dakota is a “right to work” state and does not have prevailing wage and construction laws to follow.

As such, State projects are following their State practices and requiring federal compliance where appropriate.

- *Environmental Funding Projects – Private (DANR)*: Requires compliance with Davis-Bacon Act as many of these projects are funded in conjunction with State Revolving Funds. Contractors are required to pay wages not less than the prevailing wage and not less than once a week.
- *Broadband Infrastructure (GOED)*: Following state labor practices, no individual project in this program exceeds the \$10 million threshold.
- *Environmental Funding Projects – Public (BOA)*: Prioritizing local design and construction labor.
- *LIFEPAK (DOH)*: Labor standards are not applicable as these funds are for equipment, not labor.

Use of Evidence

Department of Social Services

As of June 30, 2023, the DSS Behavioral Health Service Delivery Transformation project is the only project that uses SLFRF funds for evidence-based interventions. This project was designed with the Substance Abuse and Mental Health Administration’s (SAMSA) best practices in mind. These guidelines outline the elements of an ideal behavioral health crisis care system, including facilities that provide stabilization services for individuals undergoing mental health crises. According to SAMSA, a crisis care system should have facilities that provide short-term observation and crisis stabilization services in a home-like, local environment.³ These facilities are associated with improved outcomes for patients because they are less restrictive to patients than other settings and allow additional time to correctly assess an individual’s condition before more serious actions such as hospitalization or incarceration occur.⁴

The DSS Behavioral Health Service Delivery Transformation project aligns with SAMSA’s best practices for crisis care systems by increasing the capacity of South Dakota communities to address the mental health of their residents. The Appropriate Regional Facilities created for this project will allow treated individuals to remain close to their home communities so they may be stabilized, supported, connected to outpatient behavioral health services and return to their homes and communities. Without these facilities, individuals undergoing mental health crises risk involuntary hospitalization or incarceration in unfamiliar locations, impairing their recovery process.

Department of Health

While the DOH EMS Telehealth Services project is not following a specified evidence-based model as it is the first of its kind in the country, there are best practices for telehealth in rural communities. According to the CDC, people who live in rural areas of the United States are more likely than urban residents to die prematurely from five of the leading causes of death: heart

³ Substance Abuse and Mental Health Services Administration. National Guidelines for Behavioral Health Crisis Care. Accessed May 26, 2023. [national-guidelines-for-behavioral-health-crisis-care-02242020.pdf](https://www.samhsa.gov/national-guidelines-for-behavioral-health-crisis-care-02242020.pdf) ([samhsa.gov](https://www.samhsa.gov))

⁴ *ibid*

disease, cancer, unintentional injury, chronic lower respiratory disease, and stroke.⁵ The CDC's National Center for Chronic Disease Prevention and Health Promotion uses Telehealth as an approach to help improve the health of rural residents. Telehealth is the delivery of health care through technology, such as mobile phones or computers. Telehealth can help reduce barriers to care for people who live far away from healthcare services/specialists, have transportation or mobility issues, or people who have time or access restrictions. Telehealth can be an effective approach for communication, counseling, and care. It is also a good way for doctors to monitor their patients' chronic conditions, like heart or lung disease. Better monitoring can improve patients' quality of life and reduce hospital admissions and deaths from chronic diseases.⁶ In addition, telehealth can deliver care quickly in an emergency, such as a stroke.

Prior to the EMS Telehealth Services project in South Dakota, a patient's first and only encounter with a Board-Certified ER Physician would be when the patient arrives at the Critical Access Hospital which could be minutes to hours from the initial injury or incident. With Telemedicine in Motion, high acuity patients can be assisted by a physician within minutes of a patient being loaded into the ambulance which saves precious time. The project's focus in the first year was aimed to stand up the initiative in 60 services. The second year's focus, FY24, aims to support 60 additional installations. In addition to those sites going live, the partnership between Avel and DOH is to conduct an evidence-based study to support the effectiveness of Telemedicine in Motion.

⁵ National Center for Chronic Disease Prevention and Health Promotion. Telehealth in Rural Communities. Accessed July 21, 2023. <https://www.cdc.gov/chronicdisease/resources/publications/factsheets/telehealth-in-rural-communities.htm>

⁶ Ibid.

PROJECT INVENTORY

The following section details the initiatives funded with the State's SLFRF allocation, including programmatic output and outcomes. Programmatic data is collected for the duration of the project and will be updated annually to reflect changes in the past year.

EC 1: Public Health

EMS Telehealth Services

Project ID: Telehealth

Appropriation: \$1,737,500

Expenditure Category: 1.14-Other Public Health Services

Project Overview:

The COVID-19 health pandemic highlighted the need for a comprehensive, integrated approach to medical response. Especially in rural and tribal communities, EMS services are an integral part of the healthcare delivery system and sometimes are primary care providers in areas where there is not ready access to hospitals or clinics.

This project allocates one-time funding to procure hardware and software that each ambulance will need to provide telehealth services, technical training, and ongoing service subscription for technology. Telehealth services will allow for additional equity in access to services by connecting EMS services and patients to licensed physicians during an emergency.

In October 2022, the State contracted Avel eCare Medical Group to implement the project, including purchase and distribution of equipment, training and implementation, and provision of professional services through May 31, 2023.

Key Performance Indicators:

The goal of the Department of Health's Telehealth project is to implement telehealth services in all the ambulances in the State. A successful project would procure the necessary hardware to provide telehealth services, technical training, and ongoing service subscription for technology to all 122 licensed ground ambulance services in the State.

During FY23, Telemedicine in Motion, a partnership between the SD Department of Health and Avel eCare, successfully reached the Phase 1 milestone of 60 live sites strategically sited across SD. Out of the 122 licensed ground ambulance services, 107 have completed an interest survey indicating their desire to participate in the initiative with a total of 83 who have signed agreements with Avel eCare to start implementation of Telemedicine in Motion with only eight services opting out during FY23.

Numerous marketing campaigns have highlighted the success of this pioneering effort including local and national spotlights and presentations at local and national EMS events. There have been 422 instances where ambulance services have utilized the telehealth platform with neurological/altered mental state being the primary chief complaint of the patient followed closely by cardiac/chest pain and trauma level 2.

This partnership has entered into a second year contractual agreement between the DOH and Avel eCare with the aim of bringing on the remainder of participating services. Evaluation metrics will be a primary focus solidifying the clinical strength of the program with a strong focus on cardiac care which marries well with the state’s LIFEPAK distribution to ambulance services.

The State will track the following performance indicators for the duration of the project:⁷

Key Performance Indicator	Change Since Last Report	Cumulative Total
Number of ambulance services that have implemented telehealth equipment and training	61	61
Number of EMS personnel trained on telehealth	622	622
Number of hospitals connected to EMS telehealth capabilities	67	67
Number of counties served without a hospital	8	8
Number of telehealth encounters:		
That received prearrival notifications	181	181
Where eCare was able to assist with treatment	92	92
Where eCare was able to assist with the assessment	85	85
Where eCare impacted the transfer destination positively affecting the impact time to definitive care	8	8
Number suspected heart attack encounters that received 12-lead placement and transmission	8 ⁸	8

⁷ [Administrative Rule 44:05:02:20](#), allows an EMS agency up to 30 days to submit their run report, so these metrics may not include all ambulance responses through June 30th, 2023.

⁸ As of May 18, 2023.

LIFEPAK Replacement Initiative

Project ID: LIFEPAK

Appropriation: \$11,610,222

Expenditure Category: 1.14-Other Public Health Services

Project Overview:

The COVID-19 health pandemic highlighted the need for a comprehensive, integrated approach to medical response. Especially in rural and tribal communities, EMS services are an integral part of the healthcare delivery system and sometimes are primary care providers in areas where there is not ready access to hospitals or clinics.

This project will replace LIFEPAK devices in all ambulances in the state. LIFEPAK is a heart and vital signs monitoring device that can deliver defibrillation shocks and has other diagnostic capabilities. All ambulances were provided with LIFEPAK devices in 2010, but those are past their useful life and in need of replacement.

In September 2022, the State contracted Stryker Sales Corporation to implement the entire project including purchase and distribution of equipment, training and implementation, and provision of professional services. The goal of the project is to be completed in Fiscal Year 2024.

Key Performance Indicators:

The goal of the Department of Health's LIFEPAK project is to replace and upgrade LIFEPAK heart and vital signs monitoring devices in all ambulances in the State. A successful project would replace LIFEPAK devices in all the ambulances in the state, along with providing training on the use of devices, and 8-year preventative maintenance.

During FY23, the LIFEPAK replacement initiative procured 345 LIFEPAK 15 monitor/defibrillators, related accessories, service agreements, and LIFENET Alert software used to transmit EKGs to receiving facilities. Training sites were established and successfully executed in four locations including Sioux Falls, Rapid City, Watertown, and Yankton with 178 devices being distributed. In conjunction with these efforts, each distributed device was configured for Basic Life Support (BLS) or Advanced Life Support (ALS) settings depending on the ambulance services staffing qualifications. Hospitals across the state were introduced to LIFENET Alert and implementations have begun which includes software setup and staff training. Due to the interaction with Telemedicine in Motion, Avel eCare purchased LIFENET software to capture EKG transmissions which dovetails the two initiatives well. The remaining five sites are being coordinated with the aim of having all devices distributed by the end of July 2023.

The State will track the following performance indicators for the duration of the project:⁹

⁹ [Administrative Rule 44:05:02:20](#), allows an EMS agency up to 30 days to submit their run report, so these metrics may not include all ambulance responses through June 30th, 2023.

Key Performance Indicator	Change Since Last Report	Cumulative Total
Number of ambulances outfitted with a LIFEPAK 15 device	182	182
Number of EMS personnel trained in LIFEPAK operations, including placement of 12-lead EKG	96	96
Number of hospitals that received training and access to 12-lead EKG via EMS LIFEPAK devices	50	50
Number of counties served without a hospital	22	22
Number of 12-lead EKG transmissions to healthcare facilities	2,613	2,613
Number of suspected or confirmed STEMI's recorded in the EMS ePCR as assisted via telehealth ¹⁰	12	12
Number of suspected or confirmed STEMI's recorded in the EMS ePCR per AEMT or Paramedic level provider	320	320

¹⁰ Third party vendors are not being recorded.

EMS Regional Service Designation

Project ID: RSD

Appropriation: \$8,000,000

Expenditure Category: 1.14-Other Public Health Services

Project Overview:

Emergency Medical Services in South Dakota experienced a 30% decrease in active workforce due to the COVID-19 pandemic. This decrease was predicated on concerns for family members, short- and long-term impacts of contracting COVID-19, and economic challenges due to isolation and quarantine protocols. In addition to declining EMS personnel, COVID-19 also caused a historic increase of call volumes and highlighted a need for evaluating the service delivery areas to improve pre-hospital care across the state.

This project will strengthen pre-hospital care capacity and provide long-term solutions for sustainable EMS across the state. EMS is a critical infrastructure and an essential service requiring trained professionals to care for the sick and injured.

Phase one of this project will deliver a comprehensive analysis of pre-hospital care in its current state and specific deliverables to achieve sustainable EMS services into the future. The second phase will provide up to 15 half-a-million-dollar sustainability grants that will support planning, development, and implementation of regional EMS hubs. With the State divided into seven EMS districts, the 15 grant opportunities will allow for each district to have two separate funding initiatives with the more populated districts having an additional funding opportunity. The goal of each grant opportunity is to devise long-term sustainable EMS systems within the respective districts.

Key Performance Indicators:

The goal of the Department of Health's EMS Regional Service Designation project is to complete a comprehensive analysis of the state of EMS as it stands today. A successful project would create a pre-hospital system of care that ensures long-term sustainability.

During FY23, Healthcare Strategists (the consultants) began work with the state's Regional Service Designation initiative. This initiative has two components with the focus of phase one assessing the state of EMS in its current form. Partners with Healthcare Strategists have met virtually and in-person with nearly each of the seven EMS districts seeking feedback from industry experts who operate or work for ambulance services. This team first met at the SD Ambulance Association conference which included representation from numerous ambulance services interviewing nearly each and every participant to gather unbiased thoughts, opinions and facts from ambulance administrators. Following this conference, the consultants conducted several in-person meetings with service medical directors, state trauma system surgeons, leadership from our three healthcare systems along with the state's 911 coordinator and administration from our hospital association. Electronic Patient Care Reporting (ePCR) data requests were initiated and supplied as part of this assessment which is ongoing as of this writing.

The State will track the following performance indicators for the duration of the project: ¹¹

Key Performance Indicator	Change Since Last Report	Cumulative Total
Number of interviews conducted	375	375

¹¹ [Administrative Rule 44:05:02:20](#), allows an EMS agency up to 30 days to submit their run report, so these metrics may not include all ambulance responses through June 30th, 2023.

Behavioral Health Service Delivery Transformation

Project ID: Behavioral

Appropriation: \$15,000,000

Expenditure Category: 1.12-Mental Health Services

Project Overview:

The stress and anxiety brought on by the COVID pandemic exasperated behavior health challenges for individuals already struggling and those who have never needed to see treatment. The State is seeing more individuals experiencing behavioral health crisis than was experienced prior to the pandemic. Having crisis stabilization centers available to serve these individuals close to their home communities so they can receive the necessary supports is a critical need.

The project provides support to Appropriate Regional Facilities (ARFs), including infrastructure costs for the expansion and/or remodel of existing structures, or the construction of new structures for ARF service delivery. The development of regional crisis stabilization services will help keep people close to their home communities so they may be stabilized, supported, connected to outpatient behavioral health services and return to their homes and communities.

In September 2022, the State selected three Appropriate Regional Facilities to expand their operations. These ARFs are currently in the process of constructing new facilities or remodeling current facilities.

Key Performance Indicators:

The goal of the Department of Social Services' Behavioral Health Service Delivery Transformation project is to increase the capacity of communities around the state to assist individuals experiencing mental health crises through crisis stabilization centers. A successful project would create crisis stabilization capacity in additional behavioral health regions.

RFPs were awarded in October 2022 and the funds for those projects have been allocated. One facility opened in February 2023 and one opened in July 2023. An additional facility broke ground for construction on May 31, 2023. DSS continues to engage with the Behavioral Health Crisis Services Stakeholder workgroup and partners in crisis services delivery to continue to raise awareness about the short-term crisis services coming available in South Dakota as well as identify gaps and needs to continue strengthening the system across the continuum.

The State will track the following performance indicators for the duration of the project:

Key Performance Indicator	Change Since Last Report¹²	Cumulative Total
Number of unique individuals receiving crisis stabilization services	264	264
Average length of stay	1.7 days	1.7 days
Reduction in the inpatient psychiatric unit short-term stays ¹³	37%	37%

¹² DSS collects and reports metrics on a June 1 to May 31 schedule to reflect the services paid in a given fiscal year. The first year of this program (FY2023) is reporting for June 1, 2022, thru June 30, 2023.

¹³ Based on 2-year counts of SDHSC Adult MI Admissions of 5 day or less length of stay by fiscal year, between FY2020-FY2021 and FY2022-FY2023, there was a 37% reduction in admissions after the induction of short-term residential centers in South Dakota.

EC 2: Negative Economic Impacts

Tourism Market Plan

Project ID: Tourism

Appropriation: \$35,000,000

Expenditure Category: 2.35: Aid to Tourism, Travel, or Hospitality

Project Overview:

The leisure and hospitality sector was the most negatively impacted industry in the country by the COVID pandemic due to decreased travel by both domestic and international visitors. The decreased travel resulted in the loss of travel spending, tax revenues and jobs. The SLFRF funds will be used to supplement the Department of Tourism (“TOUR”)’s marketing efforts and will greatly aid their efforts to fully reignite and stimulate the state’s second largest industry.

SLFRF will be used to support two interconnected initiatives for tourism marketing. First, the State will use funds for direct marketing efforts to reach both domestic and international leisure travelers through tv, digital, email, social, print and other mediums and will focus on South Dakota’s great outdoors and state & national parks. Second, the State will provide assistance to destination marketing organizations (“DMOs”) throughout the state. These funds will allow them to conduct targeted marketing to recover from the effects of the pandemic. There are various initiatives associated with the Tourism Marketing plan, including a Travel Local campaign, South Dakota Great Finds campaign, partnerships with the Department of Game, Fish and Parks to expand the pheasant hunting campaign, among others.

Key Performance Indicators:

The goal of the Department of Tourism’s Tourism Marketing project is to increase tourism in South Dakota by using marketing to increase knowledge of South Dakota’s parks and other natural features. A successful project would economically benefit impacted tourism sectors across the state by stimulating new business.

Over the last year, the Department of Tourism has made progress in various areas of its plans for the SLFRF funding. The department established the DMO marketing assistance program, developed a toolkit sharing the specifics of the program as well as an online application form, opened applications, and awarded \$4,272,515 to 30 communities across South Dakota. Additionally, \$1.14M in media buys have been placed across 148 markets on channels such as national TV, print, audio, digital and other mediums to assist the tourism industry as it recovers from the challenges of the pandemic. These buys were a part of campaigns featuring Native American culture, South Dakota’s arts, and a new stewardship campaign. The department also uses the Arrivalist mobile tracking platform, where it is able to track 1,646 arrivals to South Dakota so far as a result of the campaign funded by ARPA dollars. In addition, the department is monitoring their campaign performance through ADARA, which shows the ARPA campaign has generated 139,285 bookings to date.

The State will track the following performance indicators for the duration of the project:

Key Performance Indicator	2019 (Base Year)	2020 ¹⁴	2021	2022	2023 ¹⁵
Travel Intent					
Sessions	2,059,354	2,538,844	3,245,463	2,792,778	1,102,059 27.6%
VG Requests	142,073	170,916	155,722	132,063	46,026 (35.6%)
Lodging Demand					
Hotel Stays	5,207,448	4,154,816	5,498,696	5,471,142	1,853,912 7.1%
Short Term Rentals	283,065	348,336	469,618	540,368	174,141 146.5%
Visitation					
Park Visitation	11,259,132	13,343,713	15,107,497	14,275,289	3,294,531 40.9%
Airport Arrivals	937,347	483,476	850,730	946,647	385,536 12.1%
Total Visitation	11,782,679	10,466,426	13,776,825	13,416,331	3,450,888 15.1%
Spending					
Visitor Spending	\$4.001 B	\$3.514 B	\$4.808 B	\$5,046 B	\$1.657 B 32.0%
Taxable Sales	\$15.1 M	\$13.1 M	\$19.4 M	\$19.8 M	\$5.5 M 36.0%

¹⁴ The Department of Tourism provided grants to DMOs and funded safe travel campaigns using Coronavirus Relief Funds in 2020 and 2021.

¹⁵ Current year numbers are based on January – May, complete numbers will be provided in the next report. The percent change is calculated based on the January – May numbers from 2019, pre-COVID. The State’s peak tourism season runs from May-September, so the second half of the calendar year typically yields better results.

EC 3: Public Health-Negative Economic Impact: Public Sector Capacity

Reemployment Assistance System Upgrade

Project ID: Reemployment

Appropriation: \$5,500,000¹⁶

Expenditure Category: 3.4-Effective Service Delivery

Project Overview:

The goal of this project is to modernize the benefits portion of the State’s reemployment assistance computer system. This will include an analysis of business processes to identify opportunities for the greatest impact to constituents. The inefficiencies of the existing system were highlighted at the beginning of COVID as the federal government rapidly introduced new programs. It took weeks to update the system to accommodate these new programs due to outdated technologies and the legacy knowledge required to implement the required changes. Additionally, the existing mainframe technology has capacity limitations and requires a lot of manual review, both of which can be improved upon with these updates.

The goal of this project is to issue unemployment benefits more efficiently and reduce fraudulent claims and payments, as well as implement policy changes from the federal government more quickly. The Department of Labor and Regulation will use both state resources and SLFRF funds for this project. The project will be completed by both State BIT resources and external contractors, being My3Tech, Inc, 22nd Century Technologies, Catapult Systems, LLC, and Carahsoft Technology.

Key Performance Indicators:

The goal of this project is to upgrade the reemployment assistance system to better respond to the needs of South Dakotans. A successful project would be an updated reemployment system that issues unemployment benefits more efficiently, reduces fraudulent claims and payments, and quickly implements policy changes from the federal government.

Several projects have been completed this past fiscal year and DLR is on track with their modernization project roadmap. The most recent ICON Modernization Phase 4 was moved to production on June 22, 2023. This project along with the LD75 Additional UI200 Screens project have moved all federal and military claims processing off the mainframe and into the SQL/Azure environment. The conversion of SSIS packages to Azure Data Factory is about 50% complete and a second project to convert the remaining SSIS packages has started.

The State will track the following performance indicators for the duration of the project:

Key Performance Indicator	Change Since Last Report	Cumulative Total
Developer hours spent on system maintenance issues	5,434.70	5,434.70
Expenses in server/mainframe charges	\$265,810.66	\$265,810.66

¹⁶ This project has an additional \$2,500,000 appropriated from the general fund and other federal funding sources.

EC 5: Infrastructure

Environmental Funding Projects (Private)

Project ID: Various (see table below)

Appropriation: \$600,000,000

Expenditure Category: 5.1-Clean Water: Centralized Wastewater Treatment – 5.18-Water and Sewer: Other

Project Overview:

The Department of Agriculture and Natural Resources (DANR) is administering a water and sewer infrastructure grant program open to counties, cities, non-profit organizations, and water systems. These necessary investments in the State's water systems will benefit South Dakotans' health and welfare, encourage economic activity, and protect the environment and natural resources. The infrastructure improvements are expected to increase opportunities for regionalization, which provides long-term benefits to South Dakotans. Funding is also expected to offset impacts to user rates, which reduces potential affordability concerns for end-users.

Most of the grants awarded under this program will complement other awards under the Clean Water and Drinking Water State Revolving Funds (SRF), and all projects will be evaluated for eligibility against SRF criteria.

Both State Revolving Funds are part of the Justice40 Initiative pilot programs. A substantial number of projects that DANR has funded are to communities that—based on existing SRF program requirements—meet the definition of disadvantaged community (drinking water) or affordability criteria community (Wastewater/Stormwater).

Key Performance Indicators:

The goals of the 206 water and sewer projects under DANR are to improve water access across the state and improve necessary water and sewer infrastructure. Successful DANR projects would be upgraded drinking water sources, treatment, storage and distribution, and repaired and upgraded water and sewer facilities.

Over the past year, DANR has awarded 144 grants to improve water access across the State of South Dakota. During this time, DANR was able to gather metrics to report the impact of these water and sewer infrastructure projects. Through these grants, 741,405 residents live in service areas with improved access to clean water and adequate sewage treatment and 88 disadvantaged communities are being served. To put those numbers into perspective, 83.6 percent of state residents have improved access to clean water and adequate sewage water treatment and 63.8% of funds have gone to disadvantaged communities.

The State will track the following performance indicators for the duration of the project:

Key Performance Indicator	Change Since Last Report ¹⁷	Cumulative Total
Number of grants awarded	144	206 ¹⁸
Number of residents in service areas with improved access to clean water and adequate sewage treatment ¹⁹	741,405	741,405
Number of disadvantaged communities served ²⁰	88	88
% of state residents with improved access to clean water and adequate sewage treatment ²¹	83.6%	83.6%
% of funds to disadvantaged communities ²²	63.8%	63.8%

Grants Awarded:

The following table outlines the grants awarded to eligible applicants as part of this program. In the quarterly Project & Expenditure Report, each individual grant is reported as its own project to provide the most accurate information on the required metrics related to locations, project timelines, service area demographics, and more. Since the 2022 Performance Report, three projects have been cancelled.²³

P&E Project ID	Project Title	Award Amount	Description ²⁴
5.1-Clean Water: Centralized Wastewater Treatment			
2022G-ARP-100	Wastewater Treatment Facility	\$18,896,900	The City of Aberdeen is proposing to increase the capacity and expand the operations of their Wastewater Treatment Facility to handle increasing amounts of wastewater. They plan on improving the main lift station, pumping, biofilter process, biosolids thickening and stabilization, biosolids handling, administration building and other improvements including equipment. They will also expand capacity in the headworks, primary clarification, pumping improvements,

¹⁷ Population metrics are based on the 2020 Census and do not include metrics for cancelled projects.

¹⁸ The total grants awarded is 210, however for awards were cancelled for various reasons.

¹⁹ Not counting Rural Water Systems to avoid duplicate numbers.

²⁰ 137 grants to 88 unique systems that are based on communities or systems eligible in the DWSRF disadvantaged criteria that was in place during 2022 and associated MHI. All projects have been included for a consistent “disadvantaged” metric even though the wastewater related projects use a different metric and terminology.

²¹ Based on total residents in the second KPI (Number of residents in service areas with improved access to clean water and adequate sewage treatment) divided by 2020 Statewide Census value.

²² Based on total obligated funds to disadvantaged communities (\$383,065,969) divided by \$600 million total. Used total grant amounts provided to systems counted in third KPI (Number of disadvantaged communities served).

²³ Indicated with a ~~strikethrough~~.

²⁴ Bolded entity is the grantee

P&E Project ID	Project Title	Award Amount	Description ²⁴
			activated sludge, final clarification, and UV disinfection process.
2022G-ARP-131	Wastewater Treatment System Upgrade Phases 2 & 3	\$6,257,949	The City of Custer proposes the addition of a submerged attached growth reactor system, installation of an ultraviolet disinfection treatment system, and related building upgrades in Phase 2. Phase 3 would consist of installation of a new 3.5-mile force main with a new discharge location, transfer lift station, effluent lift station, and related appurtenances.
2022G-ARP-142	Wastewater Treatment Facility/Collection System	\$8,980,784	The City of Hartford proposes construction of a wastewater treatment facility that will treat and discharge residential and industrial waste from Hartford and the surrounding area. The project would also upgrade the collection system, install a new lift station, and a force main to the new treatment facility.
2022G-ARP-149	Wastewater Treatment Improvements	\$496,400	The City of Irene is proposing an improvement project that will replace the existing 4-inch PVC force main to the treatment lagoons with new 6-inch PVC force main. An inlet structure into the lagoon will also be constructed. The existing lagoon cells will be dewatered and the sludge in the cells will be removed, and land applied. New control and effluent structures will be installed with grading improvements around the perimeter of the lagoons to help protect from stormwater inundation.
2022G-ARP-428	Wastewater Treatment Plant Improvements	\$272,100	Lead-Deadwood Sanitary District plans to make improvements to the wastewater treatment plant that treats wastewater from the cities Lead, Deadwood, Central City, and other unincorporated areas. Improvements include replacement of five aeration blowers, installation of fine bubble diffusers and aeration piping, and installation of a blower control system.
2022G-ARP-169	Wastewater System Improvements	\$267,034	The Town of Mission Hill is proposing a project to televise the existing sanitary sewer system, make spot repairs to the sanitary sewer, rehabilitate an existing lift station, and construct an artificial wetland at the wastewater treatment facility.
2022G-ARP-432	Wastewater Treatment	\$2,846,472	Improvements to the wastewater treatment facility that serves the City of Mitchell .

P&E Project ID	Project Title	Award Amount	Description ²⁴
	Facilities Improvements		
2022G-ARP-170	Wastewater Treatment Facility Improvements Phase 2	\$12,775,696	The City of Mitchell proposes various major upgrades at the wastewater treatment facility including a new laboratory facility, headworks process improvements, refurbishing of the electrical building, equalization at the South Plant, new activated sludge blower building, new clarifier, and new aerobic sludge digestion and dewatering.
2022G-ARP-176	Wastewater Collection/Treatment Improvements	\$1,089,740	The City of Parkston is proposing upgrades to the wastewater treatment system including installation of an ammonia removal system and disinfection system and dredging of the ponds to remove accumulated solids.
2022G-ARP-185	Water Resource Recovery Fac Expansion/Lift Station	\$337,500	Powder House Pass is proposing to expand its water resource recovery facility to accommodate peak flow demands and install an additional lift station for planned Phase 3 of the development.
2022G-ARP-187	South Plant Water Reclamation Facility Improvement	\$43,500,000	Rapid City proposes to build out the South Plant with the addition of secondary clarifiers and hydraulic improvements which will allow the South Plant to assume all of the inflow while meeting permit limits. This project would also decommission the North Plant.
2022G-ARP-191	Sewer Improvement	\$168,300	The Town of Seneca needs general improvements to their existing treatment facility and identify critical structural deficiencies. The Town proposes to install new depth gauges in both cells, build gravel access around the existing ponds, install a new perimeter fencing, signage, replace force main and install new riprap as general improvements. Along with the general improvements, they plan on televising the entire system to identify the critical structural deficiencies.
2022G-ARP-321	Water Reclamation Facility Expansion	\$41,900,000	The project that serves the City of Sioux Falls includes improvements to the influent flow equalization, headworks facilities, primary clarifier facilities, aeration basin, final clarifiers, return activated sludge (RAS) and waste activated sludge (WAS) pumps, tertiary filter, disinfection, effluent flow meter, solids handling, thickening, new generator, site piping and site work, Phase 1 high priority

P&E Project ID	Project Title	Award Amount	Description ²⁴
			items and Phase 1 medium priority items as noted in the facilities plan.
2022G-ARP-197	Wastewater Treatment Improvements	\$369,858	The Spring Creek Cow Creek Sanitary District intends to upgrade and renovate its sanitary sewer lagoon system. The district intends to rehabilitate lagoon pond cells 1 and 3 including the installation of a synthetic liner, 8-inch PVC influent piping, and an inlet structure with a splitter box including all necessary appurtenances. The project also includes turning lagoon cell 2 into an in-cell wetland with distribution laterals and headers.
2022G-ARP-200	Wastewater Treatment Plant Expansion	\$3,596,279	The City of Summerset proposes to increase its wastewater treatment plant capacity by 100 percent by expanding the capacity of the sequencing batch reactor process, aerobic digesters, blowers, and reed beds.
2022G-ARP-325	Primary Clarifier Replacement	\$750,000	The City of Watertown proposes the replacement of primary clarifier 2 at the wastewater treatment facility. The current clarifier has multiple structural defects.
2022G-ARP-210	Wastewater Collection and Treatment Improvements	\$12,194,200	The City of Watertown proposes to construct improvements to wastewater collection and treatment systems that have reached the end of their useful life. This project will include replacement of the final clarifier and improvements to the primary clarifier; sludge pumps, tanks, and storage; recirculation pump; effluent pumping; biosolids dewatering; and plant-wide electrical and HVAC improvements. Improvements to the collection system will also be made, including upgrading the current lift stations and replacing or lining existing pipes.
2022G-ARP-222	Wastewater Treatment Facility Improvements	\$1,699,961	The City of Worthing is proposing a project to rehabilitate its existing lagoon. The project will restore approximately 4 acres of lagoons into service and install a submerged attached growth reactor (SAGR) to meet future treatment requirements. A lift station will also be constructed at the lagoon site.
2022G-ARP-223	Wastewater Treatment Plant Improvements	\$16,681,550	The City of Yankton proposes improvements to its existing wastewater treatment plant. The improvements will allow the treatment plant to meet existing and future flows and anticipated regulatory requirements. The proposed projects include several components

P&E Project ID	Project Title	Award Amount	Description ²⁴
			including: new inlet building with grit removal; new 70-foot diameter secondary clarifier; new UV equipment; mixing systems; structural repairs; replacement of outdated equipment; electrical improvements; and nutrient removal facilities including anoxic basins, aerobic polishing basins, and a mixed liquor recycle pump station.
2022G-ARP-440	Water Reclamation Facility Upgrades	\$3,400,000	Improvements that serve Rapid City include replacing process, mechanical, and electrical equipment as well as architectural and structural items that are outdated, have already failed, or have become unreliable in several locations at the Water Reclamation Facility. Additional improvements include relocating the entrance access gates, construction of a new chain-link fence, and new motorized lift gates to provide secure entrance and exit at the reclamation facility.
2022G-ARP-447	Wastewater Improvements	\$1,053,267	The Town of Tulare intends to improve their entire sanitary sewer collection system. The proposed improvements include replacing the towns lift station, sewer main and force main to the treatment ponds. The town also intends to make improvements to their treatment system including upgrading the pond to a three-cell system, install new pond piping, and making improvements to their wetland areas. This project will help address capacity issues and repair degradation in the system to extend the useful life of the system.
5.2-Clean Water: Centralized Wastewater Collection and Conveyance			
2022G-ARP-101	Collection System Improvements Phase 1	\$1,418,650	The City of Alcester is proposing Phase 1 of a multi-phase sanitary sewer collection system improvements project. This phase includes open-cut sewer replacement in the Olfstad Street area and replacement of half of the pavement. Phase 1 also includes televising of the entire collection system to determine the condition of aging pipe and allow refinement of the project areas and costs associated with the upcoming Phase 2 of the project.
2022G-ARP-103	Wastewater System Improvements	\$1,080,000	New sanitary sewer main from the City of Alexandria to the interceptor line along the highway. Proposed improvements include TV inspection, replacement of clay sanitary sewer, a gravity flow sewer line to the interceptor

P&E Project ID	Project Title	Award Amount	Description ²⁴
			along Highway 262 and fixing the dike at the primary wastewater treatment pond.
2022G-ARP-105	Phase 1 WW Collection System Improvements	\$1,190,945	The City of Arlington is proposing improvements to the wastewater collections system. Phase 1 includes the open-cut replacement of 6,000 ft of 10-inch and 4,200 ft of 8-inch for a total of 10,200 ft of sanitary sewer. There will also be sanitary sewer service replacement to the right-of-way to reduce the infiltration/inflow into the system.
2022G-ARP-106	Wastewater System Improvements Phase II	\$2,553,971	The City of Aurora is proposing to begin phase 2 of the Wastewater System Improvements. This projects phase includes pipe replacement of approximately 1,430 linear feet of 8-inch, 3,410 linear feet of 15-Inch and 1,400 linear feet of 18-inch of vitrified clay pipe with PVC pipe through open-cut replacement. Along with the 6,240 linear feet of sewer main replacement this project includes replacing 32 manholes, 41 sewer services and 3 railroad casting pipe crossings.
2022G-ARP-108	Main Lift Station Replacement/SS Improvements	\$605,832	The City of Baltic proposes to replace its main lift station at the wastewater lagoons. The wastewater collection improvements include approximately 1,100 feet of 8-inch PVC. This project is being done in conjunction with Baltic's water main project. Project components will also include fittings, manholes, sewer services, storm sewer, surface restoration, and other necessary appurtenances.
2022G-ARP-112	Wastewater Collection & Treatment Improvements	\$5,177,347	The City of Beresford proposes addressing inflow and infiltration problems in its collection system. Pipes will be lined or replaced, manholes will be replaced, and sump pump inspections will be completed to make sure customers are properly discharging. Sewer main will be extended in the 7th Street right of way to eliminate a lift station. In addition, Beresford is proposing a submerged attached growth reactor and disinfection system for wastewater treatment, as well as dredging of its treatment ponds and disposal of the sludge. This project will run concurrent with road work and installation of water main.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-113	Wastewater Improvements Project	\$762,176	The City of Bowdle plans on rehabilitating and making repairs to their current sewer system. The proposed project will rehabilitate 15-inch sewer main and 8-inch sanitary sewer main via a Cast in Place Pipe (CIPP) method. Several manholes will also be replaced. The city also proposes to install 15-inch and 8-inch PVC pipe in select locations. Lastly, the city proposes to install new 8-inch PVC pipe on 5th avenue new to allow for flow to be redirected during severe cold weather.
2022G-ARP-116	Lift Station & Sewer Improvements, South Main Add	\$504,968	The City of Britton is addressing multiple wastewater issues with this project. The Main Lift Station has been operating at or over capacity and this project will expand its capability. The South Main Lift Station will also be expanded, and sewer lines will be installed along South Main to include residences and businesses that are currently on septic systems. Upgrades will also be done at various locations in Britton to change clay pipes over to PVC.
2022G-ARP-120	Wastewater System Improvements	\$708,450	The City of Bryant is proposing to replace or line approximately 6,000 feet of vitrified clay pipe and 900 feet of storm sewer and install a wastewater flow meter. Much of the collection system and manholes have shown high levels of inflow and infiltration (I/I). The proposed improvements will be done in conjunction with the water system improvements project. The remaining clay pipe is proposed to be replaced or lined in later phases of the project. Proposed improvements will also include manholes, fittings, street surface restoration, and other necessary appurtenances.
2022G-ARP-301	Sanitary/Storm Sewer Infrastructure Improvements	\$584,267	Clay sanitary sewer pipe will be removed and replaced with PVC pipe to correct deterioration and infiltration. The City of Canistota also proposes replacing and adding storm sewer within the project area to reduce standing water and convey runoff to the southwest. The project area follows 5th Avenue and Pine Street then extends south.
2022G-ARP-304	Sanitary and Storm Sewer Improvements Phase 2	\$1,190,000	Phase 2 of a two-phase project to address inflow & infiltration in the system includes the east half of the Town of Chancellor on 2nd, 3rd, and 4th Streets and Dewey Avenue.

P&E Project ID	Project Title	Award Amount	Description ²⁴
			Approximately 3,600 feet of new 8-inch PVC sewer main, services, and 13 manholes will be replaced. Drainage improvements include the installation of approximately 2,500 feet of storm sewer and culverts along the south end of town to further address inflow and infiltration. This project will run concurrent with water main improvements in the same area.
2022G-ARP-406	Wastewater Collection System Improvements 2022	\$1,236,900	The City of Colman is proposing to construct several improvements to its wastewater collection system. Improvements include 7 blocks of sewer in the Southern Heights addition, replacement of 4 sewer mains across Highway 34, replacement and CIPP lining of sewer main in the West side of Colman, new storm sewer crossings on Highway 34 and drainage improvements near the golf course, and manhole replacement and rehabilitation throughout various sections of the community. The proposed project will construct approximately 3,300 feet of sanitary sewer main and line another 1,900 feet. The project also includes 520 feet of 36-inch RCP storm sewer. Proposed improvements will also include fittings, service lines, manholes, street surface restoration, ditch shaping, and other necessary appurtenances.
2022G-ARP-126	Sanitary Sewer Improvements - Phase 4	\$ 2,107,327	The City of Colton is proposing to rehabilitate and replace segments of sanitary sewer throughout its collection system. The project will line approximately 7,250 feet of sanitary sewer, replace 380 feet of pipe, and replace or rehabilitate 25 manholes. The project will also replace approximately 1,000 feet of undersized storm sewer in the southeast part of the city. Proposed improvements will also include sewer services, fittings, storm inlets, junction boxes, street surface restoration, and other necessary appurtenances.
2022G-ARP-306	New Lift Station and Sanitary Sewer Expansion	\$161,763	Construct a new lift station and install approximately 8,000 feet of gravity sewer trunk main and 5,400 feet of sanitary sewer force main to serve a currently undeveloped area of the City of Crooks .
2022G-ARP-130	Eastside Lift Station	\$797,970	The City of Crooks proposes to install a new lift station to allow for the expansion of the

P&E Project ID	Project Title	Award Amount	Description ²⁴
			sanitary sewer system. Included in the project is the installation of force main and gravity sewer trunk main to direct wastewater flow from the proposed new lift station to the Main Lift Station which is currently under construction.
2022G-ARP-307	Treatment Facility Upgrade & Forcemain Slip-lining	\$125,100	Slip-lining approximately 5,600 feet of force main between the chemical feed building and the wastewater treatment facility, along with rehabilitating four of the existing pond structures and other miscellaneous repairs to the treatment facility. The existing force main has experienced multiple breaks in recent months and is in critical condition. This is phase 1 of a 3-phase project. This loan will also fund the design of phases 2 and 3 for the City of Custer .
2022G-ARP-133	3rd Street Sanitary Sewer/Storm Sewer Improvements	\$2,702,300	The City of Dell Rapids proposes replacement of 8-inch vitrified clay pipe along 3rd Street, Orleans Avenue, and Clark and Ladelle Avenues north of 3rd Street with 8-inch PVC in most places and 15-inch PVC on Orleans Avenue. Active sanitary sewer services in the right-of-way will also be replaced. To address storm sewer deficiencies in the project area, existing corrugated metal pipe, vitrified clay pipe, ductile iron pipe, and masonry quartzite rock box culverts will be replaced.
2022G-ARP-413	Wastewater System Improvements	\$1,924,110	The City of Dupree is proposing televising and cleaning its entire collection system, 86% of which is original vitrified clay pipe installed in the 1920s. Replacement and/or refurbishment of the wastewater collection system will then follow. The city is also proposing replacement of force main from the lift station to the treatment system, including removal of a stream crossing to remove risk of contamination. Finally, the city proposes removal and land application of sludge from its treatment lagoon.
2022G-ARP-415	Wastewater Collection System Improvements 2022	\$1,396,832	The City of Flandreau is proposing improvements to its wastewater collection system in the southeast portion of the community. The project will include sanitary sewer televising and replacement of approximately 8,500 feet of sewer mains,

P&E Project ID	Project Title	Award Amount	Description ²⁴
			5,600 feet of service lines, 40 manholes, and 11,000 feet of curb and gutter.
2022G-ARP-136	Sanitary/Storm Sewer Rehabilitation	\$2,993,100	The Town of Gayville is proposing a project to replace sanitary and storm sewer along Kingsbury Street. The proposed project will include construction of lift station and minor rehabilitation of the wastewater treatment pond piping and splitter structures. Approximately 11,000 feet of 8-inch sanitary sewer main and 2,250 feet of storm sewer of varying size will be installed. Proposed improvements will also include sewer services, manholes, fittings, storm inlets, junction boxes, street surface restoration, and other necessary appurtenances.
2022G-ARP-139	Wastewater Improvements (Phase I)	\$1,335,600	The City of Gregory is proposing the installation or replacement of approximately 15,000 feet of 8-inch PVC pipe and 8,000 feet of sanitary sewer service. The existing pipe is primarily vitrified clay pipe and is in poor condition and the collection suffers from large amounts of inflow and infiltration (I/I). Phase 1 will address deteriorating sewer main in the southern portion of the city. (Phase 2 will be the other half, about same price). This project will be done in conjunction with the proposed water distribution improvements project. Proposed improvements will also include sewer services, manholes, fittings, CIPP liner, street surface restoration, and other necessary appurtenances.
2022G-ARP-141	Westside Trunk & Southeastern Sewer Improvements	\$7,367,727	The City of Harrisburg is proposing to update aging and undersized sanitary sewer and storm sewer infrastructure. Approximately 17,000 feet of pipe will be replaced, and 6,200 feet of sewer service line will be installed. Approximately 10,500 feet of storm sewer of varying size will be installed. This project will be constructed concurrently with the water distribution project in the area. Harrisburg is also proposing to increase wastewater capacity on the west side of the city by installing sewer interceptors of varying size to convey wastewater from the western sub-basins back to the central collection system. Proposed improvements will also include manholes, storm inlets, junction boxes, fittings,

P&E Project ID	Project Title	Award Amount	Description ²⁴
			street surface restoration, and other necessary appurtenances.
2022G-ARP-143	Lagoon Expansion & Gumbo Lily Lane Extension	\$375,400	The Town of Hermosa proposes expansion of the of their lagoon treatment system by modifying an existing cell and adding a third cell. The project would also include an extension of sewer into a currently unserved area called Gumbo Lily Lane.
2022G-ARP-418	Wastewater Collection System Improvements Phase I	\$2,665,864	The City of Howard is proposing a two-phase collection system improvements project to correct inflow and infiltration issues in the city's aging and deteriorating vitrified clay pipe collection system. Phase 1 will reline 29,644 feet of 8-, 10-, and 15-inch sanitary sewer mains with cured-in-place pipe.
2022G-ARP-310	Sanitary Sewer Improvements Phase 2	\$721,820	The Town of Hudson is proposing to replace 16,00 feet of aging vitrified clay pipe wastewater collection lines. This will eliminate sags, reduce infiltration, and improve system reliability.
2022G-ARP-148	Sanitary Sewer Improvements	\$2,380,850	The Town of Humboldt proposes to replace approximately 7,000 feet of vitrified clay sanitary sewer, 3,000 feet of service pipe, and install 1,200 feet of cured-in-place pipe liner.
2022G-ARP-423	Wastewater Collection Improvements	\$418,835	The Town of Isabel is proposing a two-phase project to correct severe structural deficiencies in the city's aging and deteriorating vitrified clay pipe collection system. Phase 1 will clean and televise 10,700 feet of the system, then reline or replace 13,889 feet of sanitary sewer main. Several areas have 6-inch pipe that will be upgraded to 8-inch.
2022G-ARP-153	VCP Replacement & Poplar Street Sanitary and Storm	\$913,188	The City of Kadoka proposes to replace approximately 4,060 feet of vitrified clay pipe sewer main and 150 feet of 4 and 6-inch service line and necessary appurtenances. In addition, new curb and gutter, storm inlets, and 2,530 feet of storm sewer main of varying size will be installed.
2022G-ARP-154	Sewer & Storm Sewer Improvements	\$1,725,500	The Town of Kennebec proposes to replace and upsize storm sewer along Main Street and replace approximately 90 percent of the town's sanitary sewer system, which is currently outdated clay pipe.
2022G-ARP-314	WW Treatment Expansion &	\$2,790,251	Lake Poinsett Sanitary District proposes a project to expand its wastewater system to the west and northwest side of the lake. The

P&E Project ID	Project Title	Award Amount	Description ²⁴
	Collection Improvements		project consists of septic tank elimination, construction of a wastewater collection system with 12 lift stations, and construction of a wastewater treatment stabilization pond facility to accommodate unserved residents in the district's boundaries. Proposed improvements will also include riprap, manholes, fittings, grinder pumps, road surfacing, and other necessary appurtenances.
2022G-ARP-157	Phase 2 Sanitary Sewer Utility Improvements	\$2,338,675	The City of Lake Preston is proposing the replacement and rehabilitation of the sanitary sewer collection system piping and manholes for approximately 10 city blocks. This will address high infiltration, increased maintenance and failing structural components. Lake Preston also proposes to replace and improve existing sanitary storm sewer which includes replacing and adding inlets and upsizing storm sewer mains. This will provide adequate collection, reliable conveyance and increase capacity for the existing storm sewer system.
2022G-ARP-315	Boynton Avenue Wastewater Improvements	\$1,172,251	The City of Lennox proposes to replace aging and deteriorated storm and sanitary sewer infrastructure. The portion of the system addressed in the project includes four blocks of Boynton Avenue from SD Highway 17 to Juniper Street. Approximately 2,300 feet of storm sewer and 2,000 feet of sanitary sewer will be replaced.
2022G-ARP-163	Sanitary Improvements (Segments 1-6)	\$1,907,720	The City of Madison is proposing to replace and rehabilitate clay sanitary sewer and brick manholes which are undersized and deteriorating. Madison proposes installation of approximately 8,500 feet of 8-inch PVC sewer main and 3,600 feet of 15-inch sewer main. The project will also include approximately 4,700 feet of CIPP lining and 3,500 of storm sewer of varying size. This project will be constructed in conjunction with the proposed water utilities project. Proposed improvements will also include sanitary sewer service lines, manholes, fittings, storm inlets, road surfacing, and other necessary appurtenances.
2022G-ARP-166	Phase IV Wastewater	\$113,421	The City of Miller is proposing a wastewater project to replace sewer mains in the area of

P&E Project ID	Project Title	Award Amount	Description ²⁴
			east 7th Street and Donlin Street. Approximately 1,700 feet of 8-inch PVC sewer main will be installed. This project will be done in conjunction with the water distribution project. Proposed improvements will also include sewer service lines, manholes, fittings, road surfacing, and other necessary appurtenances.
2022G-ARP-434	Wastewater System Improvements	\$255,100	Proposed improvements to serve the City of Newell include approximately 2,050 feet of new sanitary sewer, six sanitary sewer manholes, a new lift station, 500 feet of 4-inch force main, necessary sewer main replacement, and other related improvements.
2022G-ARP-317	Southwest Sewer Basin	\$1,511,890	North Sioux City proposes to construct collection lines, trunk sewer, submersible lift station and force main to allow the development of an additional sewer basin. The project includes 2,800 feet of collection line, 1,200 feet of trunk sewer and approximately 2 miles of force main.
2022G-ARP-175	Phase 6 Utility Improvements	\$2,543,750	The City of Parker is proposing Phase 6 of a wastewater project to replace existing clay sanitary sewer pipe and brick manholes. The project will install approximately 8,700 feet of 8-inch PVC sanitary sewer and 6,300 feet of storm sewer of varying size. This project will be done in conjunction with the Phase 6 water project. The proposed improvements will also include fittings, sanitary sewer service lines, storm inlets, street surfacing, and other necessary appurtenances.
2022G-ARP-180	Wastewater Collection Improvements	\$2,158,000	Pickrel Lake Sanitary District proposes rehabilitation or replacement of its thirteen main lift stations to create a dependable network system. Replacement is needed for pumps, SCADA, controls, fittings, pipes, and valves that are at the end of their useful life. The district would also like to connect 56 existing residences to the system.
2022G-ARP-181	Wastewater Improvements	\$435,200	The Town of Pickstown is proposing a project to rehabilitate its existing collection system. The proposed project will remove inflow from sump pumps in the town, rehabilitate 3,750 feet of sewer main using CIPP liner, and rehabilitate approximately 36 manholes. This project also includes a spot repair, cleaning

P&E Project ID	Project Title	Award Amount	Description ²⁴
			and televising, and connection to existing services.
2022G-ARP-182	Wastewater Collection System Improvements	\$2,795,616	The City of Plankinton proposes the following improvements: - Most of the town's sanitary sewer, some replacement and some relining based on the televising that was done, and improvements to the Pennington Street lift station - The installation of a new lift station to serve residents north of 7th street (Briggs development) - New force main to connect this new lift station - Replace force main that goes to the pond and a new inlet structure at the ponds
2022G-ARP-183	Utility Improvements	\$207,900	The City of Platte is proposing a project to extend sewer service to existing and future businesses along Highway 44 and facilitate future development in the Kuiper Addition. The project includes the installation of approximately 2,800 feet of gravity sewer and construction of a lift station and 300 feet of force main.
2022G-ARP-444	Wastewater Conveyance & Treatment Improvements	\$2,556,300	Proposed improvements for the City of Spearfish include replacing sanitary sewer main along Colorado Boulevard, upsizing mains from Maitland Road to Dahl Road, and improvements at the wastewater treatment facility. Wastewater Treatment Facility upgrades include influent screen replacement, equalization basin return flow automation, and plant perimeter fencing.
2022G-ARP-323	Sanitary Sewer Improvements	\$670,626	The City of Tea is proposing to provide municipal utility services to existing industrial and commercial properties in the Hagedorn Industrial Park with improvements to four areas of its sanitary sewer system. The project will extend 18-inch and 10-inch portions of gravity sanitary sewer trunk main in the north-central part of the city, 12-inch gravity sewer main south of East 1st street, and 8-inch gravity sewer main in the southern portion of the city for connection with the city's existing sewer system.
2022G-ARP-322	Regionalization with Sioux Falls	\$3,694,231	The City of Tea is proposing to connect its wastewater treatment system to the City of Sioux Falls. The proposed lift station and force

P&E Project ID	Project Title	Award Amount	Description ²⁴
			main will connect the city of Tea to the City of Sioux Falls as a regional customer. All wastewater from the City of Tea will be pumped to the City of Sioux Falls.
2022G-ARP-446	Wastewater Improvements	\$464,334	The City of Timber Lake is proposing improvements to its wastewater infrastructure. Phase 1 will include system-wide cleaning and televising of 16,366 feet of unlined sewer mains. Phase 1 also includes removal and replacement of 16,368 feet of 6-, 8-, 10-, and 12-inch unlined sewer mains. Finally, this project will extend sewer main to the north and install a new lift station.
2022G-ARP-206	Collection System Improvements	\$182,760	The project involves the replacement of 7 blocks of deficient sanitary sewer mains and 1 block of storm sewer along 14th Avenue and 12th Avenue in City of Tyndall .
2022G-ARP-213	Wastewater Improvements Project Phase II	\$4,065,673	The City of Webster is proposing a project to replace the current clay pipe in their wastewater system. Replacement of deficient pipes is a necessity given their condition. The project will replace approximately 13,000 feet of clay pipe with 8-inch PVC and install approximately 12,000 feet of CIPP liner. The project also includes approximately 6,000 of sanitary sewer service line and 39 manholes. Parts of this project will be done in conjunction with water improvements project. The proposed project will also include, manhole rehabilitation, street surfacing, fittings, and other necessary appurtenances.
2022G-ARP-326	Sanitary Sewer Line Replacements	\$734,290	The City of White is proposing to construct Phase 1 of its improvements to its wastewater collection system. The proposed project involves the replacement and/or repair of approximately 6,600 feet of vitrified clay pipe (VCP); 1,300 feet of service lines via open cut; and cast-in-place pipe relining methods. The project will also replace 16 manholes and clean and televise the outfall line. Most of these mains consist of older VCP that is cracking or breaking with issues like deformation and joint offsets, contributing to inflow and infiltration issues.
2022G-ARP-221	Wastewater Collection System Improvements	\$1,962,408	The City of Wilmot is proposing to upgrade its entire wastewater collection system. The system, constructed in the 1950s, shows

P&E Project ID	Project Title	Award Amount	Description ²⁴
			<p>numerous areas of cracking, displacement of joints, and other structural deficiencies. This project would include cleaning and televising of the south portion of the city's collection system and replacement or rehabilitation of clay tile collection mains and manholes.</p>
2022G-ARP-159	Central Basin Improvements - Phase 4	\$4,003,450	<p>The City of Lennox is proposing to replace aging and deteriorating infrastructure in Phase 4 of its Central Basin Improvements project. To prepare for the project, the city developed a water distribution model to identify deficiencies in the water system infrastructure. The deficiencies were compiled and mapped to aid city staff in their repair plan. Phase 4 of the project includes the replacement of 6,680 feet of water main and will run concurrently with a sanitary/storm sewer improvements project in the same project area.</p>
2022G-ARP-430	Broadway Avenue Utility Improvements Phase I	\$124,027	<p>The City of Marion is proposing to replace approximately 1,750 feet of 12-inch, 250 feet of 8-inch and 400 feet of 6-inch water main, fire hydrants, valves and other appurtenances. In conjunction, Marion is also proposing to replace approximately 300 feet of 8-inch sanitary sewer, 3,400 feet of 18-inch and 24-inch storm sewer, manholes, drop inlets and appurtenances.</p>
2022G-ARP-189	Industrial Area Part 2 Improvements	\$811,200	<p>The City of Salem proposes replacing approximately 11,000 feet of vitrified clay pipe sanitary sewer mains and corresponding services in the project area. Additional work includes relining of existing sanitary sewer between the developed area of town and the treatment lagoons, replacement and installation of new storm collection piping, and replacement of concrete curb and asphalt streets. Salem proposes to replace approximately 9,250 feet of cast iron and asbestos cement water mains and corresponding services.</p>
2022G-ARP-300	Sanitary Sewer Upgrade and Expansion	\$2,460,000	<p>The City of Box Elder proposes to replace and upsize approximately 13,000 feet of sewer main on Box Elder Road, 13,500 feet located in the Highway 14/16 median, and 16,460 feet of collection lines for new development on 151st Street.</p>

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-401	Wastewater Infrastructure Improvements	\$1,345,005	The City of Brandon is proposing a project to construct large trunk sewer main to serve the west side of the community. The project will end approximately 7,000 feet west of the Big Sioux River with potential to be extended in the future. The proposed project will construct approximately 8,500 feet of trunk sanitary sewer main. Proposed improvements will also include, fittings, storm sewer, manholes, gravel, and other necessary appurtenances.
2022G-ARP-409	Parallel Sanitary Sewer Line	\$155,766	Dakota Dunes Community Improvements District proposes the installation of approximately 400 ft of 18-inch PVC sanitary sewer line running parallel to an existing line crossing Interstate 29. This project will add redundancy and increase reliability across the east and west side of the collection sanitary system. The proposed project will run in concurrence with the drinking water looping project.
2022G-ARP-409	Forcemain Improvements	\$247,025	The Dakota Dunes Community Improvements District proposes to replace approximately 4,400 feet of wastewater force main line. This project will replace old ductile force main line that transports wastewater from the city to the Sioux City Wastewater Treatment Facility.
2022G-ARP-411	Wastewater Collection System Improvements 2022	\$703,100	The City of DeSmet is proposing to improve its wastewater collection system by replacing approximately 7,200 feet of sewer mains, 19 manholes and service lines. The project also includes the addition of 1,000 feet of curbs and gutters, street repairs, erosion control, mulching, fertilizing, seeding, and televising the sewer system. This project will address structural problems and reduce the amount of inflow and infiltration into the system.
2022G-ARP-419	Wastewater Infrastructure Improvements 2022	\$1,903,500	The City of Huron is proposing to make improvements to sanitary sewer collection system including lift station replacement and SCADA improvements.
2022G-ARP-436	Sanitary Sewer Line Relocation	\$132,000	The Northdale Sanitary District proposes construction of a sanitary sewer force main to replace an existing force main in danger of compromise by collapsing into an abandoned mine. The project also includes abandoning a

P&E Project ID	Project Title	Award Amount	Description ²⁴
			short section of gravity sewer line, surface restoration and other appurtenances.
2022G-ARP-437	Wastewater Collection & Treatment Improvements	\$914,000	The Town of Peever is needing to address several issues in the wastewater system including cracked pipes and poor joints. This allows inflow and infiltration into the system. The current lift station has reached its end of service life and there are poor conditions within the lagoon ponds. To address these issues, the town proposes to replace the 8,555 feet of vitrified clay pipe, replace the existing lift station, and provide additional riprap for the lagoon ponds.
2022G-ARP-179	Northeast Wastewater System Improvements	\$160,771	The Town of Philip proposes cleaning, televising, and lining 1,950 feet using cured-in-place pipe, replacing 300 feet of 8-inch vitrified clay pipe, spot repairs, and replacing 12 manholes.
2022G-ARP-449	Tom Street Lift Station Replacement	\$502,500	The City of Vermillion is proposing to replace the Tom Street Lift Station at a new city-owned location with a new can-style lift station. The new lift station will have increased ease of access and safer working conditions.
2022G-ARP-215	College Avenue Utility & Street Improvements	\$278,726	The City of Wessington is proposing to replace sewer mains within college avenue corridor. VCP mains will be replaced with 8-inch PVC piping. This project will run in conjunction with a proposed water project.
5.4-Clean Water: Combined Sewer Overflows			
2022G-ARP-426	Mill Street Wastewater and Storm Sewer Separation	\$142,163	Project includes approximately 1,600 feet of new sewer main and related improvements, separation of the storm sewer, and picking up of the ancillary storm sewers at adjoining street intersections in the City of Lead .
5.6-Clean Water: Stormwater			
2022G-ARP-402	Sanitary and Storm Sewer Improvements	\$3,851,442	The City of Bridgewater is proposing a project to construct a storm sewer outfall line from the southern city limits to discharge point approximately one mile southwest of Bridgewater. Additional storm sewer improvements will be done in a large area on the northeast side of the city. The proposed project will install 5,900 feet of 48-inch storm sewer and 2,200 of storm sewer of various size. Proposed improvements will also include, fittings, storm inlet and outfall structures,

P&E Project ID	Project Title	Award Amount	Description ²⁴
			manhole adjustments, street surfacing, and other necessary appurtenances.
2022G-ARP-404	Wastewater Improvements	\$910,000	The City of Chamberlain is proposing a sanitary and storm sewer project to replace deficient infrastructure on Main Street and provide service to the Smokey Groves development. The proposed project will construct 4,000 feet of 8-inch sanitary sewer and 3,000 feet of 12-inch and 21-inch storm sewer pipe. Proposed improvements will also include manholes, fittings, storm inlets, street surface restoration, and other necessary appurtenances.
2022G-ARP-129	WW Collection/Storm Sewer System Improvements	\$341,078	The project in City of Corsica proposes to install storm water infrastructure and replacement of deficient sewer lines in the community, primarily along the Corse Avenue corridor from Main Street north to First Street.
2022G-ARP-135	Storm Sewer Improvements	\$2,119,900	The City of Emery proposes to replace outdated and undersized storm sewer and inlets as well as increasing the size of the outlet pipe to Plum Creek. This project would also connect inlets installed during school improvements to the collection system.
2022G-ARP-160	Storm Sewer System Improvements	\$763,300	The Town of Lesterville is proposing to replace existing 12-inch clay tile storm sewer with 18-inch to 24-inch diameter reinforced concrete pipe and add drop inlets. This work will reduce frequent flooding issues caused by blocked or damaged sections of the current system.
2022G-ARP-320	2021 Storm Sewer Improvements	\$370,293	The City of Salem proposes to correct concerns with its storm sewer infrastructure at two separate locations. Location 1 is on Main Street between Essex Avenue and Washington Avenue. Location 2 is the area surrounding Nebraska Street between Drake and Norton Avenues. Improvements at Location 1 include the replacement of an archway constructed with rocks and boulders several decades old. The rocks and boulders have begun to fail below Main Street, creating immediate safety concerns. The city proposes to replace the failing rock arch with 600 feet of Reinforced Concrete Pipe (RCP). Improvements at Location 2 will replace undersized Vitrified Clay Pipe (VCP) with RCP.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-420	DEX Storm Sewer Improvements	\$720,000	The City of Huron is proposing to relocate and upsize the storm sewer system at the State Fairgrounds. The project will consist of replacement of approximately 4,000 linear feet of storm pipe.
2022G-ARP-422	Storm Sewer Upgrades	\$1,770,370	The City of Ipswich is proposing to construct a storm sewer system to help alleviate storm water management issues throughout the city in a five-phase project. In the current phase of this project, the city will install approximately 1,515 feet of trunk line storm sewer pipe, 2,550 feet of lateral storm sewer piping, and 24 storm sewer inlets.
2022G-ARP-188	Stormwater Drainage System Improvements	\$191,700	The Town of Ravinia proposes a project to improve the drainage throughout their stormwater system. This project will install approximately 5,000 feet of storm sewer piping of varying size, new culverts, and rehabilitate existing drainage ditches. Proposed improvements will also include storm inlets, outlet structures, road resurfacing, storm manholes, and other necessary appurtenances.
5.9-Clean Water: Nonpoint Source			
2022G-ARP-134	Riparian Buffer Initiative	\$1,000,000	DANR is proposing to purchase of 10-year easements for riparian buffer strips to improve surface water quality throughout the state. Funding will target watersheds found in Administrative Rules of South Dakota 74:51:03.
2022G-ARP-424	South Central Watershed Implement Proj - Segment 2	\$5,000,000	Best management practices in James River Water Development District to improve water quality within the watershed will be constructed and installed to prevent nutrient and sediment run-off. These may include items like animal waste management systems, fencing, alternative water sources, purchase of easements for seasonal riparian area management, and other proven practices.
2022G-ARP-450	Landfill Cell #7 Construction	\$212,000	The City of Watertown is proposing to construct a new cell (cell 7) at the Watertown Regional Landfill and perform various storm water improvements adjacent to the landfill. The project will enhance current storm water routing while providing a foundation for placement of final cover.
5.10-Drinking water: Treatment			

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-110	Water System Improvements	\$3,530,083	The BDM Rural Water System Improvements project is intending to address several issues including lack of capacity, redundancy, and reliable water supply. The project proposes to construct a new water treatment plant, install 450,000-gallon water reservoirs along with additional improvements for safety and water quality. BDM intends to install 18 miles of pipe to expand the water system and loop lines for added redundancy. 382 water meters will also be replaced to reduce water loss.
2022G-ARP-117	Water Treatment Facility	\$21,039,300	The City of Brookings intends to upgrade the water systems facilities in multiple phases. Phase one includes the construction of a new 6 MGD lime softening Water Treatment Facility along 34th Avenue. The new treatment plant will require 28,500 feet of 16-inch raw water line and 16-inch finished water line to feed into the distribution system. This Phase also includes the construction of 6 new municipal wells and an additional 17,400 feet of new 20-inch transmission main.
2022G-ARP-151	New Water Treatment Plant	\$2,868,000	Joint Well Field, Inc. is a jointly owned and operated water source and treatment facility that serves both Brookings-Deuel Rural Water System and Kingbrook Rural Water System. Joint Well Field proposed the construction of a new gravity filtration water treatment plant to increase capacity of the existing system. The project includes aeration, detention, filtration, transfer pumping, raw water supply wells, and generation equipment.
2022G-ARP-311	Water Treatment Plant Improvements	\$1,656,900	<p>Joint Well Field, Inc. is a jointly owned and operated water source and treatment facility that serves both Brookings-Deuel Rural Water System and Kingbrook Rural Water System. Increasing demands from both rural water systems have necessitated improvements to the capacity and infrastructure of the Joint Well Field system.</p> <p>Joint Well Field, Inc. is proposing to construct a new pump building with high service pumps, process piping and HVAC system; demolish the existing backwash ponds and construct new ones; construct a new 1.2-million-gallon ground storage reservoir; and install new</p>

P&E Project ID	Project Title	Award Amount	Description ²⁴
			pump room controls and other necessary appurtenances to complete the project.
2022G-ARP-192	Water Treatment Plant, Storage & Distribution	\$38,276,600	Shared Resources is a joint effort between Minnehaha Community Water Corporation (MCWC) and the Big Sioux Community Water System (BSCWS). The project scope includes an 8-MGD treatment plant, well field, distribution pipeline, and two storage tanks. Shared Resources will treat and deliver water to the MCWC and BSCWS systems. The two systems will then distribute water to their existing customer base.
2022G-ARP-194	Water System Improvements	\$5,677,918	The South Lincoln Rural Water System is proposing system wide improvements including the installation of an elevated water tank, a new pump station and a new water treatment plant. This project addresses capacity issues in portions of the distribution system and increasing demands within the existing service area.
2022G-ARP-448	Drinking Water System Improvements 2022	\$3,018,560	The City of Valley Springs is proposing a project to construct new well houses adjacent to their two existing wells, replace approximately 5,000 feet of asbestos cement pipe with PVC water main, and replace inoperable valves throughout the system. The current well houses are in poor condition and not in compliance with current code. Proposed improvements will also include fittings, hydrants, street surface restoration, and other necessary appurtenances.
2022G-ARP-451	Water Treatment Plant Equipment Upgrades	\$299,892	Watertown Municipal Utilities is proposing to upgrade or replace equipment at its water treatment plant. Slaker #2, installed in 1991, is worn out and will be replaced. A new SCADA system will replace outdated control systems that are no longer supported. Finally, the chlorine generator will be replaced with a sodium hypochlorite generation system to address reliability issues.
2022G-ARP-115	Water Infrastructure Improvements	\$7,467,900	The City of Brandon is proposing improvements at its existing water treatment plant to increase the design capacity from 2,000 gallons per minute (gpm) to 4,000 gpm and add reverse osmosis to the plant. Proposed improvements include all aspects of building construction, earthwork, chemical and

P&E Project ID	Project Title	Award Amount	Description ²⁴
			water processing equipment, pumping equipment and other necessary appurtenances.
2022G-ARP-161	Water System Expansion	\$13,136,100	Lewis and Clark Regional Water System proposes a project for a large capacity expansion of its system. The proposed project consists primarily of four projects; construction of two solids contact units, a sludge thickener, three lime sludge drying beds, and a 3.0-million-gallon clearwell and high service pump station. These improvements are necessary to increase the plant's capacity from 45 MGD to 60 MGD. The proposed work will include all the civil and structural engineering elements associated with water treatment plant construction and all the appurtenances associated with water treatment, pumping, and process piping.
2022G-ARP-318	Streeter Drive Water Treatment Plant Expansion	\$1,723,807	The City of North Sioux City is proposing to make improvements to the Streeter Drive Water Treatment Plant. This will involve updating the chemical feed, electrical and other systems to increase capacity as well as provide redundancy to the system. Along with these improvements they will increase aeration, detention, filtration, and backwash capacity to improve the system
5.11-Drinking water: Transmission & Distribution			
2022G-ARP-417	Lagoon Expansion & Gumbo Lily Lane Extension	\$163,044	The Town of Hermosa purposes expansion of the of their lagoon treatment system by modifying an existing cell and adding a third cell. The project would also include an extension of sewer into a currently unserved area called Gumbo Lily Lane.
2022G-ARP-102	Water Distribution Improvements	\$150,000	The City of Alexandria proposes to replace approximately 1,100 feet of cast iron pipe that is at the end of its useful life and increase water main to 8-inch on the south side of the city.
2022G-ARP-104	Water System Improvements	-\$543,300	The City of Arlington is proposing improvements to the water system. Phase 1 & 6 includes the replacing of 1,800 ft of 4-inch diameter cast iron pipe with 6-inch PVC pipe and installing 2,800 linear feet of 8-inch PVC pipe to provide a redundant connection to the north side of the city.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-107	ABRWS Improvements and Expansion	\$1,855,266	Aurora-Brule Rural Water System proposes to install 10 miles of new parallel water main, a new water storage reservoir, multiple loops within the system, a booster station, and line improvements.
2022G-ARP-109	Water System Improvements	\$622,332	The City of Baltic proposes to replace approximately 5,000 feet of undersized water main consisting of cast iron, asbestos cement, and PVC along Oak Avenue, Second Street, and Ash Avenue. Approximately 2,000 feet of new water main will be added to provide looping. This project will be done in conjunction with Baltic's sanitary sewer improvements project. Project components will also include fittings, hydrants, water services and curb stops, surface restoration, and other necessary appurtenances.
2022G-ARP-111	Alkali Road Expansion	\$5,202,000	Bear Butte Valley Water, Inc. is proposing to expand its water system to the east to provide 24 new connections along Alkali Road for rural residential and livestock water demands. The proposed project will include approximately 55,000 feet of 6-inch water main, 43,000 feet of 3-inch water main, 10,000 feet of 2-inch service line, and 24 meter pits. This project will also include valves, fittings, and other necessary water main appurtenances.
2022G-ARP-400	Water System Improvements - Phase II	\$506,400	Black Hawk Water User District (BHWUD) is proposing to install approximately 3800 feet of 12-inch water main crossing I-90 near Exit 52. Existing connection provides water to the Marvel Mountain ground storage reservoir and the remainder of BHWUD's low pressure zone. A large portion of the existing crossing is 6-inch water main which is undersized and operates with substantial head loss during high flow periods.
2022G-ARP-118	Phase Tank Mainline Improvements	\$2,703,240	Brookings-Deuel Rural Water System proposes the construction of 22 miles of 12-inch water main to interconnect the system's two primary water sources, the Joint Well Field and the Clear Lake Water Treatment Plant. The existing glued-joint pipe is prone to leaking, so it will be replaced with new gasket joint pipe that would reduce the amount of water loss and provide redundancy in the distribution system. The project will also include six miles

P&E Project ID	Project Title	Award Amount	Description ²⁴
			of 6-inch water main to the Lake Cochrane service area to improve low pressures around the lake during periods of peak water use.
2022G-ARP-119	Drinking Water System Improvements	-\$1,152,100	The City of Bryant is proposing to replace approximately 4,200 feet of cast iron pipe and 1,850 feet of aging water service lines. Over half of the current distribution system consists of cast iron pipes that are in poor condition and contributing to high water loss. The proposed improvements will be done in conjunction with the wastewater system improvements project. Proposed improvements will also include hydrants, valves, fittings, street surface restoration, and other necessary appurtenances.
2022G-ARP-302	Watermain Replacements	\$256,966	This project in City of Canistota will replace approximately 2,100 feet of aged 4-inch water main with 8-inch PVC pipe. The improvements will increase distribution capacity and will bring the system into compliance with current design standards. The project area follows 5th Avenue and Pine Street then extends south.
2022G-ARP-303	Distribution System Improvements and Tower Rehab	\$354,627	The City of Castlewood is proposing to make improvements to its water distribution system, including rehabilitation of the existing water tower and replacement of approximately 6,500-feet of water main. The water tower is still structurally sound, but the coatings and paint need to be refurbished to extend the useful life of the water tower. Replacement of the city's aging and undersized cast iron pipe (CIP) is recommended, along with looping to eliminate dead-end lines in the system.
2022G-ARP-405	Water Improvements	\$271,000	The City of Chamberlain is proposing comprehensive upgrades to its water system including water line replacement on Mott Street, looping on Byron Boulevard, and improvements to its water treatment plant. The proposed project will construct approximately 3,000 feet of water main and install a recarbonation system, rotameter, and vaporization chamber at the city's water treatment plant. Proposed improvements will also include fittings, hydrants, street surface restoration, and other necessary appurtenances.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-305	Drinking Water Distribution Improvements Phase 2	\$1,105,000	The Town of Chancellor proposes replacement of old cast-iron water main with approximately 6,500 linear feet of new 6-inch PVC water main, services, curb stops, hydrants, valves, and fittings in the east half of Chancellor and along SD Highway 44. This project would run concurrent with sanitary/storm sewer work.
2022G-ARP-123	Drinking Water System Improvements	\$4,297,054	The City of Clark is proposing a project to replace asbestos cement pipe and cast-iron pipe throughout the city with PVC and loop dead-end lines. The proposed project will also replace water meters as needed depending on their condition and paint the existing water tower. Approximately 19,000 feet of water main and 8,200 feet of water service line will be installed as part of the project. Proposed improvements will also include hydrants, valves, curb and gutter, fittings, street surface restoration, and other necessary appurtenances.
2022G-ARP-125	Water System Improvements Project	\$4,955,100	Clay Rural Water System is proposing to make improvements to address deficiencies caused by population growth, increased water demand, and outdated infrastructure in their water system. Clay Rural Water System proposes the construction of a 1.0-million-gallon ground storage reservoir (GSR) near the existing Greenfield GSR and a 750,000-gallon GSR near the Wakonda Water Treatment plant. A new booster station at the Greenfield GSR is also included. This project also proposes four distribution line improvements to provide additional capacity and accommodate a Highway 46 construction project. Approximately 20.6 miles of water main of varying size will be installed. Proposed improvements will also include air release valves, fittings, valves, and other necessary appurtenances.
2022G-ARP-407	Water Distribution Improvements 2022	\$249,600	The City of Colman is proposing to construct improvements to the water distribution system on Loban Avenue from Highway 34 to Cornell Street and provide looping of several extended mains in the system. The proposed project will construct approximately 2,400 feet of water main. Proposed improvements will also include fittings, hydrants, street surface

P&E Project ID	Project Title	Award Amount	Description ²⁴
			restoration, and other necessary appurtenances.
2022G-ARP-128	Water Distribution System Improvements	\$121,500	The City of Corsica is proposing replacement of deficient water lines in the community, along the Corse Avenue corridor from Main Street to First Street.
2022G-ARP-132	Water Distribution Improvements & Auto Meter System	\$439,615	Proposed improvements to the Davison Rural Water System include paralleling and looping of existing mains and upgrading to automatic meter reading technology.
2022G-ARP-414	Water System Improvements	\$7,091,550	The proposed project improvements to the Fall River Water Users District include installing a submersible pump and finish piping at the existing Fairburn well, constructing a pump station and well house, control building/pump station, adding SCADA system, electrical equipment, chlorine and fluoride equipment, and high service pumps. Improvements also include construction of a 150,000-gallon ground storage reservoir at the well site to provide chlorine contact time. Construction of approximately 20 miles of 8-inch pipeline to connect the Fairburn well to the existing distribution system in two locations and a 150,000-gallon ground storage reservoir along the new pipeline route to stabilize transmission main hydraulics and increase distribution system storage are also included in the improvements.
2022G-ARP-416	Water Distribution Improvements 2022	\$1,414,832	The City of Flandreau is proposing improvements to its water distribution system in the southeast portion of the community. The project will include replacement of approximately 11,500 feet of water mains, 7,600 feet of service lines, 8,100 feet of curb and gutter, 54 hydrants, and 108 valves.
2022G-ARP-137	Internal System Improvements	\$2,433,600	Grant-Roberts Rural Water System is proposing the first component of a two-phase project. Phase 1 will add transmission capacity so that the system's two reservoirs can fill during high water use periods in summer months. Additional pipeline looping and parallels will be completed to distribute water to existing and new customers and improve the reliability of the water system. This phase will also include 24 miles of pipeline and other

P&E Project ID	Project Title	Award Amount	Description ²⁴
			appurtenances to allow the town of Corona to access the Grant-Roberts Rural Water System.
2022G-ARP-138	Water Distribution Improvements	\$1,045,500	The City of Gregory is proposing the installation or replacement of approximately 22,000 feet of 6-inch PVC water main and 4,700 feet of water service line. The existing pipe is primarily asbestos cement pipe and cast-iron pipe and is in poor condition leading to high water loss. Phase 1 will address deficient water main in the southern portion of the city and address areas in need of looping and hydrants being fed by undersized lines. (Phase 2 will be the other half, about same price). This project will be done in conjunction with the proposed wastewater improvements project. Proposed improvements will also include hydrants, valves, fittings, street surface restoration, and other necessary appurtenances.
2022G-ARP-308	Watermain Improvements	\$664,547	The City of Groton is proposing to replace the last of its remaining 6-inch asbestos pipe with PVC, loop water lines in the southern and northeastern parts of town and paint the ground water storage tank. This is Phase 2 of a multiphase project.
2022G-ARP-140	Water Distribution Improvements and Auto Meters	\$1,273,835	Hanson Rural Water System proposes improvements to their distribution infrastructure including paralleling and looping of existing mains and automatic meter reading technology.
2022G-ARP-147	Water Distribution Improvements	\$520,300	The Town of Humboldt is proposing Phase 3 improvements to water utilities in the community. Improvements include replacing approximately 4,150 feet of water main.
2022G-ARP-152	Poplar Street Drinking Water Improvements	\$192,300	The City of Kadoka proposes to install approximately 2,300 feet of 6-inch PVC water mains, install 5 fire hydrant assemblies, 36 service saddles with corporation stops, 36 curb stops, and necessary appurtenances.
2022G-ARP-155	2022 System Improvement Project	\$9,900,000	Kingbrook Rural Water System has a number of existing facilities that are operating beyond its firm capacity and need to be replaced or improved. These include the Badger Pump Station, DeSmet Water Treatment Plant, Chester Water Treatment Plant, Oakwood Pump Station, and the Orland Pump Station. The project also involves

P&E Project ID	Project Title	Award Amount	Description ²⁴
			construction of an elevated tank near Arlington and Booster Pump Station near Bryant, and relocation and resizing of pipeline segments along Highway 25 north of DeSmet. The project includes all elements and appurtenances associated with construction of booster stations, treatment plants, water storage tanks, and water distribution pipeline.
2022G-ARP-156	Phase 2 Drinking Water Improvements	\$2,167,175	The City of Lake Preston proposes to replace water main piping for 10 city blocks which is currently undersized and in poor condition. They propose to install 4,500 linear feet of 6-inch and 8-inch water main loops to improve the system hydraulics and water service. This is currently phase 2A of a multi-phase project.
2022G-ARP-429	Drinking Water System Improvements	\$1,116,000	The project serving Lead-Deadwood Sanitary District consists of pipeline repairs and rehabilitation of an existing tunnel, intake structure, and trestle bridge along the Spearfish raw water line. The Hanna raw water transmission line will be abandoned and approximately 700 feet of new 8-inch ductile iron or steel pipe will be installed. Both low- and high-pressure lines will be re-routed to bypass the Englewood power generation facility, and a portable backup power generator will be purchased for use at multiple locations.
2022G-ARP-316	Boynton Avenue Water Improvements	\$480,400	The City of Lennox proposes to replace aging and deteriorated water mains to add looping and correct shallow burial depths. The portion of the system addressed in this project includes four blocks of Boynton Avenue from SD Highway 17 to Juniper Street. Approximately 2,000 feet of water main will be replaced.
2022G-ARP-158	Central Basin Improvements - Phase 4	\$1,636,800	The City of Lennox is proposing to replace aging and deteriorating infrastructure in Phase 4 of its Central Basin Improvements project. To prepare for the project, the city developed a water distribution model to identify deficiencies in the water system infrastructure. The deficiencies were compiled and mapped to aid city staff in their repair plan. Phase 4 of the project includes the replacement of 6,680 feet of water main and will run concurrently with a

P&E Project ID	Project Title	Award Amount	Description ²⁴
			sanitary/storm sewer improvements project in the same project area.
2022G-ARP-162	Eastern Distribution System Improvements	\$1,137,300	Lincoln County Rural Water System is proposing transmission improvements to serve new residences without negatively impacting existing customers. The project will install approximately 16.5 miles of pipeline and will include looping of dead-end lines. Without the improvements the existing infrastructure will reach its capacity within the next five years.
2022G-ARP-164	Drinking Water Improvements (Segments 1-6)	\$4,342,550	The City of Madison is proposing to replace deteriorating and undersized water main on approximately 34 city blocks and loop the distribution across Highway 34 to provide system hydraulics and water quality. Approximately 21,000 feet of water main of various size will be installed in this project. Segments 1, 2, 5, and 6 will be done in conjunction with the sanitary sewer and storm sewer project. Proposed improvements will also include water service lines, hydrants, fittings, valves, road surfacing, and other necessary appurtenances.
2022G-ARP-431	Broadway Avenue Utility Improvements Phase I	\$124,027	The City of Marion is proposing to replace approximately 1,750 feet of 12-inch, 250 feet of 8-inch and 400 feet of 6-inch water main, fire hydrants, valves, and other appurtenances. In conjunction, Marion is also proposing to replace approximately 300 feet of 8-inch sanitary sewer, 3,400 feet of 18-inch and 24-inch storm sewer, manholes, drop inlets and appurtenances.
2022G-ARP-165	Water System Improvements	\$13,867,250	Mid-Dakota Rural Water System is proposing to update the existing water system by installing a new advanced metering infrastructure system for water meters, paralleling of pipe, addition of a new backwash recovery system and additional membrane capacity.
2022G-ARP-167	Phase IV Water Project	\$2,733,245	The City of Miller is proposing to complete several water projects including abandoning wells, replacing and looping water main, and making improvements to the existing ground storage tank. The remaining water distribution line that is made up of asbestos cement pipe, approximately 28,000 feet, will be replaced

P&E Project ID	Project Title	Award Amount	Description ²⁴
			and some dead-end lines will be looped. The ground storage tank joint sealant will be removed and replaced to ensure joints do not corrode or leak. This project will be done in conjunction with the wastewater project. Proposed improvements will also include water service lines, hydrants, fittings, valves, road surfacing, and other necessary appurtenances.
2022G-ARP-168	Water Meter Replacement	\$105,600	Mina Lake Sanitary District proposes to replace 430 residential water meters and an additional 10 commercial water meters. The replacement of these meters will help reduce water loss which accounts for over 15% of the total water used in the system.
2022G-ARP-435	Water System Improvements	\$342,600	Proposed improvements for the City of Newell include installation of approximately 840 feet of new water main, replacement of 2,300 feet of an existing asbestos-cement water line, replacement of 2,900 feet of old 4-inch plastic lines, and construction of a new water booster station.
2022G-ARP-174	Watermain Improvements Phase 6	\$2,038,850	The City of Parker is proposing Phase 6 of a water project to replace 4-inch cast iron pipe with 6-inch PVC water main. The project will install approximately 11,300 feet of 6-inch PVC water main. This project will be done in conjunction with the Phase 6 wastewater project. The proposed improvements will also include fittings, water service lines, hydrants, street surfacing, and other necessary appurtenances.
2022G-ARP-184	Drinking Water System Improvements	\$286,453	The City of Platte is proposing multiple projects to include water mains to serve an area along Highway 44. Water storage reservoirs will also be rehabilitated. Water meters with automatic reading technology are also included in this project.
2022G-ARP-186	Internal System Improvements	\$2,710,875	Randall Community Water District is proposing three projects to make improvements to its water distribution system. These projects will address increased demand and increase capacity to accommodate existing growth in the system. The projects include the Cedar Grove Waterline (66,000 feet of HDPE pipe), Lakeview Colony Waterline (55,000 feet of HDPE pipe), and the Carda Tank Waterline

P&E Project ID	Project Title	Award Amount	Description ²⁴
			(75,000 feet of HDPE pipe). Randall CWD plans to complete the construction of these projects using their own equipment and labor. Proposed improvements will also include air release valves, fittings, gate valves, and other necessary appurtenances.
2022G-ARP-439	Regional Waterline Upgrade	\$11,256,825	Randall CWD is proposing a project to address increasing demand among existing customers as well as supply water to the City of Mitchell. The project will consist of 200,000 feet of 20-inch HDPE pipe from the 4.5MG storage facility near Platte to the existing 1.0MG tank near Stickney. The proposed improvements will provide enough capacity to the system to allow Mitchell to connect their redundant water line. Booster stations, storage facilities, and an upgrade to the Platte Water Treatment Plant will be necessary to complete the proposed improvements. Proposed improvements will also include air release valves, fittings, hydrants, and other necessary appurtenances.
2022G-ARP-190	Industrial Area Part 2 Improvements	\$779,350	The City of Salem proposes replacing approximately 11,000 feet of vitrified clay pipe sanitary sewer mains and corresponding services in the project area. Additional work includes relining of existing sanitary sewer between the developed area of town and the treatment lagoons, replacement and installation of new storm collection piping, and replacement of concrete curb and asphalt streets. Salem proposes to replace approximately 9,250 feet of cast iron and asbestos cement water mains and corresponding services.
2022G-ARP-193	Water System Improvements	\$1,778,350	Sioux Rural Water System proposes water system improvements including construction of a new elevated tank and pipeline. The proposed elevated tank will provide 300,000 gallons of storage in the southwest portion of the system where storage is currently inadequate. Proposed pipeline will be installed in two different locations in the system to improve service pressure to existing customers and provide adequate water delivery to the proposed elevated tank.
2022G-ARP-196	System Improvements	\$3,060,000	Southern Black Hills Water System proposes extending the existing water system main from

P&E Project ID	Project Title	Award Amount	Description ²⁴
	Conx of Paramount Pl to Spring		the two wells at Paramount Point Subdivision approximately 5 miles northeast to Spring Creek Acres Subdivision. In addition, Southern Black Hills would construct a new well, booster pump station, new elevated storage reservoir, chlorination and SCADA systems, and new pressure reducing valve locations, and related appurtenances. These new improvements will serve existing customers and new development in Custer and Pennington counties.
2022G-ARP-324	Hagedorn Water Improvements	\$593,634	The City of Tea is proposing extending its municipal water main system into a portion of the Hagedorn Industrial Park in the eastern part of the city. This is an area annexed in 2020 that was originally constructed as a rural subdivision and currently lacks municipal utility infrastructure. The project will include the extension of an 8-inch water main in the project area for connection with the city's water system.
2022G-ARP-203	Water Distribution and Storage Improvements	\$2,624,491	The City of Timber Lake proposes a water infrastructure improvement project in anticipation of the planned expansion of the Mni Wašté Rural Water System. The city will continue to operate their own water system but will purchase water directly from Mni Wašté once a new 10-inch water line reaches Timber Lake. Timber Lake will construct a new 50,000-gallon water tower and replace old 4-inch cast iron piping with approximately 15,770 linear feet of new 6-inch PVC water main and 600 linear feet of 8-inch water main. The city will also install 17 new hydrants and valves, as well as 80 saddle and new curb stops. Additional lines will be placed bringing water to the rodeo grounds. Water mains will be looped to alleviate stagnant water in the mains.
2022G-ARP-204	Water System Improvements	\$2,534,400	TM Rural Water District proposes to install four miles of parallel 12-inch water main to address low water pressure situations during high water demand periods. The low pressure is due to an increase in water demands from additional users and an increase in population served.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-207	Watermain Replacement	\$807,144	The project in City of Tyndall involves the replacement of 18 blocks of deficient water mains in various parts of the city including 14th Avenue, 12th Avenue and Washington street.
2022G-ARP-208	Drinking Water System Improvements	\$902,564	The City of Volga proposes to install 8-inch and 10-inch water main and looping them to increase distribution capacity. They also propose to add 2 additional wells to provide the water needed for the increased distribution capacity. Raw water piping will need to be installed to connect to the existing transmission lines in the well field. Also included in this project is the installation of water mains, valves, fire hydrants, associated appurtenances, and pavement repair.
2022G-ARP-454	Watermain Replacement: Mellette & Harmony Hill	\$1,002,450	Watertown Municipal Utilities is proposing replacement of old cast iron, ductile iron, asbestos cement, and PVC pipe to meet current and future water demands. Approximately 2,700 feet of 12-inch water main will be upgraded to 20-inch PVC pipe. The new water main will serve the low-pressure zone and will serve the high-pressure zone with two booster stations.
2022G-ARP-453	Cast Iron Main Replacement	\$1,458,690	Watertown Municipal Utilities is proposing replacement of 4- and 8-inch cast-iron water mains installed between 1910 and the 1950s. Approximately 16,200 feet of 6-inch, 7,900 feet of 8-inch, and 4,000 feet of 16-inch PVC water main will be installed within existing city streets and rights-of-way. Valves will be replaced, and water mains will be looped to improve water quality and flows.
2022G-ARP-212	Water System Improvements - Phase II	\$2,422,717	The City of Webster is proposing a project to continue improvements to its water distribution system that were downsized after higher than expected bids were received in April 2021. Phase 2 would replace existing cast iron pipes with approximately 16,000 feet of 6-inch PVC and 5,500 feet of water service line. This project would be done in conjunction with the Phase 2 wastewater improvements. Proposed improvements will also include hydrants, fittings, valves, road surfacing, and other necessary appurtenances.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-216	College Avenue Drinking Water Improvements	\$337,925	The City of Wessington Springs is proposing to replace water mains within college avenue corridor. Cast iron water mains will be replaced with 8-inch PVC piping. This project will run in conjunction with a proposed sewer project.
2022G-ARP-327	Watermain Replacements	\$715,611	The City of White is proposing to construct several improvements to its water distribution system. The improvements include replacing aging water distribution mains and refurbishing the existing water tower. Most of the water mains the city is proposing to replace are cast iron pipes installed prior to 1955. According to the Banner Associates engineering report, the water tower is structurally sound, but the coatings and paint need to be refurbished.
2022G-ARP-127	Water Distribution System Improvements	\$312,800	The Town of Corona is proposing a two-phase replacement of its existing water distribution system that has reached the end of its useful life. Phase 1 will include replacement of water mains and service lines, addition of hydrants, and installation of valves and appurtenances. Phase 1 will also include installation of meters in the unmetered community, including transmitters, meter pits and check valves, and any other necessary appurtenances. This project will prepare the town for connection to the Grant-Roberts Rural Water System.
2022G-ARP-410	Water System Improvements	\$257,100	Dakota Dunes Community Improvements District proposes to install approximately 2,850 feet of various size PVC water main under I-29 to loop the water system. This project will reduce head loss and fix both velocity and bottleneck issues within the distribution system. The proposed project will run in concurrence with the Sanitary / Storm Sewer Parallel Line I-29 Crossing project.
2022G-ARP-412	Water Distribution Improvements 2022	\$2,777,500	The City of DeSmet is proposing to improve its water distribution system by replacing approximately 11,300 linear feet of water main, 7,600 feet of service lines, 32 fire hydrants, 61 valves, and rehabilitating the water tower. These improvements will address problems with water main dead ends and minimize stagnant water within the water distribution system.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-309	Water System Improvements	\$967,656	The Town of Hudson is proposing to demolish their current water tanks and replace them with a 50,000-gallon ground water storage tank and booster system. Along with a new storage system, the town proposes to install 22,000 feet of 8-inch water main, replace water hydrants, loop water main lines, and replace water services to the edge of the right-of-way to address line breaks, water loss, improve flow and add redundancy to system.
2022G-ARP-421	Water System Improvements 2022	\$4,872,084	The City of Huron is proposing to replace water lines, upgrade water meters, make improvements to the water supply, and make SCADA improvements.
2022G-ARP-427	Mill Street Waterline Replacement	\$78,154	The project in the City of Lead consists of installing approximately 1,600 feet of new 6-inch water main and related water system distribution improvements, such as curb stops, gate valves, and fire hydrants on Mill Street and Miners Avenue.
2022G-ARP-171	Highway 63 North	\$6,448,598	Mni Wašté proposes installation of approximately 28.2 miles of 16-inch treated water pipeline, 9.6 miles of 10-inch treated water pipeline, a 1-million-gallon water tower, and appurtenances including valves, pumps, and air releases. The existing pipeline along Highway 63 is undersized, causing pressure to fall below 20 psi. This project replaces the undersized pipeline along Highway 63 and will serve as the main pipeline for the northern tier of the Cheyenne River Sioux Tribe (CRST) (north of Moreau River).
2022G-ARP-224	Intake Emergency Slide Repair	\$1,238,302	Mni Wašté proposes installation of approximately 19.2 miles of 20-inch, 20.5 miles of 16-inch, and 3.7 miles of 10-inch treated water pipeline and appurtenances including three pump stations. The pipeline in this project will follow the existing pipeline along Highway 212 and will extend farther west to tie into the Perkins County Rural Water System. The existing pipeline along Highway 212 is undersized for the current demand, causing high friction loss and low-pressure issues in several areas along the route.
2022G-ARP-172	Potable Water System Improvements	\$69,292	The Town of Morristown is proposing upgrades to its existing drinking water system. The system has water quality issues due to

P&E Project ID	Project Title	Award Amount	Description ²⁴
			water age and insufficient disinfection, and it lacks sufficient water storage and pressure. To address these deficiencies, the town proposes to relocate the chlorine dose point, add a large ground storage tank and booster pumps, and build improved flush points into the distribution system.
2022G-ARP-438	Water Meters	\$45,000	The City of Presho is proposing installation of 350 new water meters. The city's old water meters are causing 15% water loss and are difficult and time-consuming to read. In addition, new software will collect, store, and evaluate transmitted meter data as well as reduce costs with a more efficient billing system.
2022G-ARP-441	Booster Station Improvements	\$350,000	Miscellaneous Improvements Projects for Rapid City – Facility Type and Fencing Improvements.
2022G-ARP-328	Water System Improvements	\$1,186,000	The Town of South Shore proposes to construct improvements to their water system. The existing distribution system is original and consist of 3-inch poor quality PVC pipe with glued joints. There are some control valves are not working or don't completely stop the flow. Breaking pipes and loss of control valves has resulted in high water loss. There is also only one well available to the town currently. The city does not have any water storage capacity other than pressure tanks. To address these issues the city proposes to upgrade the water-mains to 6-inch PVC pipes, add an elevated storage tank and install a new well.
2022G-ARP-199	Water Line Replacement	\$131,000	The City of Springfield is proposing to replace deficient water mains along segments of Pine Street, Elm Street, and 11th Street. The project will install approximately 1,600 feet of water main in these areas. This project will be done in conjunction with a street surfacing project that is funded by the city. Proposed improvements will also include water service lines, hydrants, fittings, valves, and other necessary appurtenances.
2022G-ARP-209	Walnut Avenue Watermain Upgrade	\$147,500	The City of Wagner proposes a project to replace water main along Walnut Avenue. The existing asbestos cement pipe will be replaced with approximately 1,650 feet of 8-inch PVC water main. This project will be done in

P&E Project ID	Project Title	Award Amount	Description ²⁴
			conjunction with a street surfacing project. Proposed improvements will also include water service lines, hydrants, fittings, valves, and other necessary appurtenances.
2022G-ARP-455	Hwy 83 to 212 Treated Water Pipeline	\$32,710,000	WEB Water Development Association is proposing to upsize a 10-mile segment of pipe of treated water pipeline from 30-inch to 48-inch. This segment of pipe runs from the water treatment plant to the intersection of Highway 83 and Highway 12. This project will help with meeting the growing water needs of the region.
2022G-ARP-211	Raw Water Pipe Expansion	\$6,520,000	WEB Water is proposing to run parallel raw water pipe from the intake to the treatment plant. Currently, there exists a 24-inch pipe, a 30-inch pipe is proposed to be installed next to it. DNR funding will be used to upsize the pipe from 30-inch to 48-inch in anticipation of a much large drinking water regionalization.
2022G-ARP-214	2nd Street Drinking Water Improvements	\$180,883	The City of Wessington Springs is proposing to replace the approximately four and a half blocks of existing Asbestos Cement and Vitrified Clay Pipe water main within the second street corridor. The main will be replaced with 8-inch PVC. The mains need to be replaced because they are long past their service lives.
5.13-Drinking water: Source			
2022G-ARP-445	Exit 17 Water Tank and Well	\$1,386,000	Proposed project by the City of Spearfish includes a new water supply well and 750,000-gallon water storage tank to be constructed northwest of I-90 Exit 17 on property to be purchased by the city.
2022G-ARP-205	System Wide Improvements	\$4,050,000	Tripp County Water Users District (TCWUD) is proposing to improve the entire water infrastructure. To improve its storage, they propose to replace two storage tanks that are currently beyond their service life. TCWUD also intends to parallel and loop water lines and other measures to increase the water pressure within the system. Finally, TCWUD is proposing to develop a new well field to address water supply issues.
2022G-ARP-452	New Well Field Development	\$2,081,700	Watertown Municipal Utilities is proposing to develop a new well field. The current Sioux Conifer Well Field is experiencing higher inorganic material, and the field's proximity to the airport is causing concerns about

P&E Project ID	Project Title	Award Amount	Description ²⁴
			Perfluorooctane sulfonic acids (PFOs) entering the water supply. WMU proposes to drill a test well to determine water quality in the new well field and if results are good, develop a well field starting with 4 wells, control building, and raw water line. The water line will connect to the existing Sioux Conifer Well Field approximately two miles away.
2022G-ARP-425	New Well Construction	\$92,800	This project includes drilling an additional municipal well located in Watson Park on land owned by the Town of Keystone .
5.14-Drinking water: Storage			
2022G-ARP-114	Drinking Water Improvements	\$1,857,150	The City of Box Elder is proposing making improvements to the drinking water system including an extension of 12-inch water main on Tower Road and replacing the Prairie View Water Tank.
2022G-ARP-150	Water Tower Improvements	\$1,720,400	The City of Irene would like to replace their existing 50,000-gallon legged tower with a 100,000-gallon pedestal tank at a higher elevation to hold an entire day's volume of water. Irene purchases its water from the B-Y Water District and has a contract for 85,700 gallons per day. However, the city has a peak day usage of 90,000 gallons per day and several properties have insufficient water pressure. The new tower would be constructed on the existing site and following construction of the new tower the existing tower would be demolished.
2022G-ARP-312	Carthage Watertower Improvements	\$108,000	Proposed project by the Kingbrook Rural Water System to recoat the existing water storage tower in Carthage to extend its useful life.
2022G-ARP-313	Water Storage Tower	\$652,463	The City of Lake Norden proposes to construct a new 500,000-gallon water storage tower to assure adequate water supply for their users.
2022G-ARP-433	Drinking Water System Improvements	\$3,554,779	The City of Mobridge is proposing improvements to its drinking water system. Repairs will be made to dilapidated equipment at its water treatment plant. The intake system in the Missouri River will be replaced. Finally, to increase water pressure, the north water tower will be moved to higher ground or a ground storage reservoir with a booster pump station will be constructed.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-178	Water Storage Tank and Pipeline Improvements	\$ 2,471,000	Perkins County Rural Water System is proposing to add three storage tanks to its system. A 300,000-gallon elevated storage tank would be installed in the Central service area, a 400,000-gallon elevated storage tank would be installed in the Lemmon service area, and a 400,000-gallon ground storage tank would be added at the main booster station. Transmission and distribution lines will also be upgraded.
2022G-ARP-442	Water Tower Construction	\$752,500	The Town of Rosholt is proposing to construct a new 75,000-gallon water tower to replace its existing tower. The existing tower does not meet current health and safety standards, and the protective paint coatings on the interior and exterior are failing in several locations. These problems are causing deterioration of the steel water tower structure at an accelerated rate.
2022G-ARP-198	Water Storage & Infrastructure	\$1,776,000	The Spring Creek Cow Creek Sanitary District (SCCCSD) proposes to construct a 140-foot tall 200,000-gallon elevated water storage tank and demolish the current ground storage tank and pump house. Along with the storage tank SCCCSD intends to install 500 linear feet of 8-inch PVC water main with all appropriate appurtenances.
2022G-ARP-217	Water Distribution & Storage Improvements	\$1,200,000	West River Lyman Jones Rural Water System proposes to install 2,000 feet of 8-inch PVC, 21,600 feet of 6-inch PVC, and 32,400 feet of 4-inch PVC water mains serving Mellette, Haakon, and Lyman counties. A new ground 300,000-gallon water tank and necessary electrical controls would also be installed in Pennington County.
2022G-ARP-456	New Water Storage Reservoir Backup and Generator	\$3,290,350	The proposed project by Weston Heights Sanitary District consists of construction of a new spheroid water storage tank of approximately 250,000 gallons at one of three possible locations. The existing 100,000-gallon tank would be dismantled and removed from the system. Other improvements will be to the well and well house and consist of a new pump, upgrades to wellhouse piping, installation of a backup generator, meter, pressure gauges, and an updated SCADA system.

P&E Project ID	Project Title	Award Amount	Description ²⁴
2022G-ARP-403	Water Infrastructure Improvements	\$25,114	Proposal by the Town of Canova to replace existing asbestos cement pipe along Main St and Broad St with PVC pipe, replace the storage tower riser pipe and replace the railing system to meet OSHA requirements, and replacement of the filter media and piping modifications at the treatment facility to increase treatment efficiency.
2022G-ARP-319	Drinking Water System Improvements	\$1,044,562	The Town of Northville proposes to replace residential water meters, loop water lines, and add an above ground water storage tank and pumphouse. This project will address water loss issues, increase water pressure, and address water storage issues within the system.
5.18-Water and Sewer: Other			
2022G-ARP-443	West River Water Regionalization Study	\$300,000	This project is a study to determine the critical water supply needs of a regional area served by multiple jurisdictional entities. The South Dakota Ellsworth Authority is initiating this study as a regional partner with Black Hawk Water User District, Meade County Piedmont, Summerset, Rapid City, Rapid Valley, Box Elder, and New Underwood. The study will review how the systems align with regards to design standards and providing opportunities for redundancy to build a regional supply system that can be leveraged across the jurisdictional boundaries of the systems involved.
2022G-ARP-218	Missouri River Waterline Western SD Study	\$8,000,000	West Dakota Water Development District wishes to explore the use of its Missouri River Future Use Water Permit to supply western Pennington County. The area would be supplied with a bulk water transmission line that conveys Missouri River water to various communities, tribes, and water systems in western South Dakota. The district is seeking funding to hire an engineering firm to complete facilities plan and preliminary design for the project.

Environmental Funding Projects (State Projects)

Project ID: Various (see table below)

Appropriation: \$60,000,000

Project Expenditure Category: 5.1-Clean Water: Centralized Wastewater Treatment – 5.18-Water and Sewer: Other

Project Overview:

This project funds necessary water and sewer infrastructure improvements at State-owned facilities through improvements in existing, dilapidated services and construction of new water infrastructure. Selected projects respond to water infrastructure needs in wastewater treatment, stormwater management, and drinking water service. Many projects will protect the health of South Dakota residents and visitors by preventing environmental contaminants from leaching into groundwater.

The Justice40 Initiative is not applicable to these projects. However, most of these projects include replacing sewers, piping, lagoons, pump stations, and adding or improving proper conveyance. This reduces the likelihood of sewage infiltrating directly into and contaminating our groundwater.

The projects have varying timelines but will be finished by December 31, 2026.

Key Performance Indicators:

The goals of 107 water and sewer projects under BOA are to improve water access across the state and improve necessary water and sewer infrastructure. Successful BOA projects would be to upgrade the drinking water source, treatment, storage and distribution, and repair and upgrade water and sewer facilities.

Over the past year, BOA has been able to complete projects at the state penitentiary, five Game, Fish, and Parks recreational areas, its state fairgrounds, three Department of Transportation shops, and at South Dakota State University. BOA has approximately half of its projects under design and/or construction with the other half currently being solicited. These projects have been very well received by the public. Due to inflation, BOA has had to move funding from the lower priority projects to the higher priority projects.²⁵ BOA anticipates that they may have to continue to do this as more projects are bid out. The concern they have at a state level is that they do not have enough designers and contractors in the state to accomplish all these projects. Although the funding has been extremely helpful, South Dakota is still experiencing a bottle neck since they do not have enough plumbers and civil contractors.

The State will track the following performance indicators for the duration of the project:

Key Performance Indicator	Change Since Last Report	Cumulative Total
Number of projects completed ²⁶	8	12
Number of projects in process ²⁷	46 currently in process	

²⁵ As of June 30, 2023, seven projects have been cancelled.

²⁶ These projects may not be categorized as “Completed” in the Project & Expenditure Report due to timing of completion and payment to vendors.

²⁷ In Process projects will not be reported as a change since last year/cumulative total to avoid double counting across years. Completed projects will move to the appropriate metric.

Number of state facilities with upgrades ²⁸	0	60
Number of upgraded facilities intended for public access ²⁹	0	51
Estimated cost savings to the State by avoiding deferred maintenance	N/A	\$4,752,000

State Facility Projects:

The following table outlines the individual water and sewer improvements to state facilities completed as part of this project. In the quarterly Project & Expenditure Report, each individual improvement is reported as its own project to provide the most accurate information on the Expenditure Category and required metrics related to locations, project timelines, service area demographics, and more. Since the 2022 Performance Report, two projects have been cancelled and one has been added.³⁰

P&E Project ID	Project Title	Award Amount	Description
5.1-Clean Water: Centralized Wastewater Treatment			
C1223--03X/ARPA	Update Flume Meter	\$7,226	Update flume meter on wastewater line to measure and report wastewater flow to the City of Sioux Falls.
C1523--01X/ARPA	Sewer System Bar Screen Lift Station	\$1,008,000	Addition of bar screen building to add to the water supply and waste main line.
G2123--16X/ARPA	Full Hook-up Campsites Septic Systems - Upgrade (85 & 146)	\$10,000	Full Hook-up Campsites Septic Systems - Upgrade (85 & 146).
G2123--27X/ARPA	Shop complex lift station pump replacement	\$25,000	Replace existing lift station pump with an adequately sized replacement pump.
G2123--11X/ARPA	Sewer System - Replace Lift Stations	\$295,000	Replace both lift stations servicing the park and update the lift station distribution box that pours into the lagoon. We would also like to camera the outgoing gray water line from the lift station located between the 2 comfort stations.
G2123--12X/ARPA	Septic Tank Replacement	\$25,000	Replace septic tanks at comfort station #1.
G2123--10X/ARPA	Wastewater Lagoon Liner Repairs, Utility Reno, Lift Station Replace	\$300,000	Full Hook-up Campsites Septic Systems - Upgrade (85 & 146). Update water and sewer maps and identify needed repairs of aging water and sewer lines. Repair or Replace Lagoon Liner.

²⁸ Some of these projects are still in progress as of July 2023.

²⁹ Some of these projects are still in progress as of July 2023.

³⁰ Indicated by a ~~strike through~~ and *italics*, respectively.

P&E Project ID	Project Title	Award Amount	Description
G2123--09X/ARPA	Dump Station Drainfield Repairs	\$50,000	Add additional septic tank, lateral drainfield lines, rock bed, pipe and fabric to accommodate existing usage at the park.
G2123--08X/ARPA	Lift Station and drainfield replacement	\$100,000	Replace existing lift station, pumps, and drainfield.
G2123--19X/ARPA	Lift Station Repair/Replace Museum	\$25,000	Partner with local sanitary district to upgrade shared use of lift station that serves the museum and dump station.
G2123--20X/ARPA	Lift Station Repairs	\$75,000	Replace wet well, valves, and lift station at the park.
G2123--30X/ARPA	Septic Tank Replacement / Drainfield / Lift Station	\$200,000	Replace old septic tanks at comfort station #1 and #5. Install lift station and lines to push waste to a suitable drainfield location at comfort station #5. Install new drainfield to replace existing failing drainfield.
G2121--10X/ARPA	Replace Dump/Fish Station Drainfield with lagoon	\$1,242,000	A lagoon system is needed for existing dump station and fish cleaning station facilities due to poor percolation rates in the area.
G2123--44X/ARPA	Drainfield Replacement	\$50,000	Replace existing drainfields at comfort station #1 with one larger drainfield that would replace two smaller existing drainfields.
T2223--04X/ARPA	Wastewater Treatment Improvements	\$250,000	Expanded lagoons to provide adequate capacity.
T2223--05X/ARPA	Rural Water Connection	\$100,000	Rural Water Connection at Clark Maintenance Shop.
T2223--06X/ARPA	Wastewater Improvements	\$50,000	Sewer and lagoon rehabilitation at Ward Rest Area.
5.2-Clean Water: Centralized Wastewater Collection and Conveyance			
C1223--07X/ARPA	Sewer Improvements	\$240,000	Parole sanitary sewer, investigation, and repairs. PI office sanitary sewer, investigation, and repairs.
G2122--01X/ARPA	Sewer System - Phase 1 Repairs @ Game Lodge	\$350,000	Phase 1 of maintenance repairs identified by the 2020 Ferber Study. Study identified app. \$1,000,000 necessary for Game Lodge sewer collection system. Would be nice to tackle the entire project but doing so likely not feasible. This project is the priority \$200,000.

P&E Project ID	Project Title	Award Amount	Description
G2123--06X/ARPA	Sylvan Lake, Game Lodge Sewer Study, Sewer Repairs	\$3,080,000	Consultant to review, provide recommendations, and design sewer system improvements around the Sylvan Lake area. Perform construction of new sewer system based on recommendations from consultant.
G2123--07X/ARPA	Center Lake/Black Hills Playhouse Sewer System	\$3,500,000	Both Center Lake and BH Playhouse are on very limited water treatment capabilities. Project would connect these facilities with the Game Lodge system a distance of about 4-5 miles.
G2123--15X/ARPA	Blue Bell Campground Dump Station	\$125,000	Construct new dump station to include septic tanks, tie-in to nearby water supply and sewer lines.
G2123--28X/ARPA	Sewer System Infrastructure Replacement & Distribution Box	\$1,250,000	Renovate or replace existing lagoon cell with a clay lined cell or synthetic liner to accommodate wastewater from the 3 lift stations within the park. Replace all sewer lines from 3 existing lift stations to distribution box near lagoons and replace distribution box.
G2123--21X/ARPA	Comfort Station Sewer System Repairs	\$60,000	Replace drainfield, lift station, septic tanks and updated aging pipe and electrical systems to operate the lift station.
G2123--23X/ARPA	Dump Station Upgrades	\$50,000	Add 2 additional dump locations and 2 additional water fill lines.
G2123--41X/ARPA	Dump Station Replacement	\$577,325	Relocate aging dump station to a different location to accommodate better user experience. Project to include new tanks, tie-in to existing forced sewer main and existing water supply.
G2123--39X/ARPA	Replace sewer lines & Lift Station Vault	\$120,000	Replace failing septic tank at the Oahe Downstream Lodge Facility. Replace approximately 2000 feet of old failing asbestos sewer lines between the parks two lift stations.
G2123--29X/ARPA	Dump Station Replacement	\$380,000	Relocating dump station to better location in the park.
G2123--42X/ARPA	Dump Station Expansion	\$300,000	Expansion of current dump station would be to add additional lanes to allow for more users to dump simultaneously. Expand or replace existing drainfield. Add additional septic tanks and water supply lines.
G2123--31X/ARPA	Dump Station Construction	\$125,000	Install dump station to include septic tanks and tie-in to existing lift station. Upgrade lift station to accommodate additional volume.

P&E Project ID	Project Title	Award Amount	Description
G2123--43X/ARPA	Dump Station Construction	\$300,000	Install dump station to include septic tanks, drainfield, and potable water service with frost free towers.
G2123--37X/ARPA	Residence and Shop sewer system and water upgrades	\$150,000	Relocate residence and shop complex septic systems including new septic tanks and drainfields. Relocate water supply lines to new residence and shop complex locations.
G2123--38X/ARPA	Replace outlet pipe	\$1,000,000	Remove and replace damaged sections of the pipe and manholes and add additional manholes for future inspection and cleaning.
H1123--02X/ARPA	Wastewater Diversion	\$30,000	Replace wastewater diversion manhole and provide an interior coating. The wastewater diverter/manhole has deteriorated over time from continual contact with wastewater. The deterioration has compromised the capability to direct wastewater flow to different stabilization pond cells. The wastewater is diverted to a designated cell by placing different gate configurations in the diverter/manhole.
H1323--01X/ARPA	Sewer Replacement	\$771,807	Replacing vitrified clay tile sewer pipe.
M2323--08X/ARPA	Recreation Ave. Sanitary Sewer Replacement north of 3rd St	\$2,082,720	Replace the existing 12-inch, 10-inch, and 8-inch main trunk line VC sanitary sewer from 3rd Street north to Grandstand Way along Recreation Avenue. All sanitary sewer manhole would be replaced as well.
M2322--03X/SWMR	Recreation Ave to the west Sanitary Service line replacement Grandstand Sewer	\$247,480	Replace all existing 8-inch VC sanitary sewer main lines and 6-inch service lines that are in connection from the main trunk line along Recreation Avenue to the West. All sanitary sewer manholes will be replaced as well.
466317	Extend Sewer Services	\$400,000	Extend sewer services to the UTES.
R0323-05X/ARPA	Replace Storm Sewer from Jackrabbit Green to NE corner Briggs Library	\$300,000	Install new 36-inch RCP storm sewer from Jackrabbit Green (near SE corner of Briggs Library) to the north, ending near the NE corner of Briggs Library. Replacement of this segment will finish the connection of storm sewer between two newer recently sections replaced by other projects.

P&E Project ID	Project Title	Award Amount	Description
R0723--01X/ARPA	Stormwater/Water Line/Sewer Replacements	\$3,950,000	Construct sewer & storm sewer supply for development of new facilities at SDSMT - Rapid City. Construct/replace storm water drainage channel and detention cells to address the storm water management on the eastern side of campus along with replacement in other areas of campus, if funds permit. Replace the valves at the west end of the Electrical Engineering building and replace all lines up to the O'Harra Building and Music Center and further if funds allow. Replace sewer lines in same area. All work would be external to building.
R0823--01X/ARPA	Storm Water Improvements	\$750,000	Correct the flow of storm water to mitigate erosion and damage done to campus property at BHSU - Spearfish.
R0923--01X/ARPA	<i>Storm & Sewer Infrastructure</i>	<i>\$2,550,000</i>	<i>Extend public sewer & storm sewer supply to properties for development of new facilities at USD Discovery District - Sioux Falls.</i>
T2223--02X/ARPA	Replace Clay Tile Sanitary Sewer	\$110,000	Replace 350-foot Clay Tile Sanitary Sewer at Pierre Region Complex.
T2223--03X/ARPA	Sanitary Sewer Improvements	\$95,000	Replace Sewer Lines for HP Satellite Office (freezing issues).
T2223--07X/ARPA	Water Service Upgrades	\$100,000	Upgrade 5/8-inch service line to 2-inch line to increase volume capabilities at Milbank Maintenance Shop.
5.5-Clean Water: Other Sewer Infrastructure			
C1223--02X/ARPA	Sewer Systems Map	\$200,000	Map out sewer lines, run cameras to check on condition; alternatives for future repair.
C1223--04X/ARPA	Warehouse Storm System	\$700,000	Adding inlets at the warehouse parking lot level.
C2023--01X/ARPA	Grinder for Sewage System	\$64,975	Addition of grinder to prevent future backup situations.
R0323--03X/ARPA	Replacement/rehabilitation of the campus sanitary sewer system	\$2,500,000	Per the results of a comprehensive system study, multiple manholes and segment of sanitary sewer mains were identified in need of rehabilitation and/or replacement. The defects identified contribute to poor flow conditions, infiltration issues (sometimes significant), clean water cross connections (i.e. sump pumps and/or roof drains feeding into sanitary), and risk of unexpected failures.
5.6-Clean Water: Stormwater			

P&E Project ID	Project Title	Award Amount	Description
C1223--05X/ARPA	Drainage/Storm Sewer	\$700,000	Training Academy and East Hall drainage/storm sewer improvements.
C1223--06X/ARPA	Storm Sewer Upgrades	\$950,000	Hill inside storm sewer –PI and East Hall, PI 1 and PI 2.
M2319--03X/SWMR	Midway Avenue Improvements	\$247,480	Midway Avenue reconstruction was completed in the summer of 2021 within the ARP eligible cost timeframe. This was part of a larger rehabilitation project and the costs list are for actual as built costs prorated to ARP eligible work.
M2323--09X/ARPA	Nordby Hall Area Storm Sewer	\$164,426	Install new storm sewer and storm area drain. Regrade surrounding area just southwest of Norby Hall to facilitate drainage; seed, fertilize and mulch.
466489	Construct Storm Water Drainage Improvements	\$150,000	Construct storm water drainage channel and detention cell.
466530	Construct Storm Water Drainage Improvements	\$75,000	The project is to construct storm water conveyance pipes at the base of the building to collect and channel the storm water through the intended drainage way to the local detention pond. The conveyance pipes would collect the runoff from the building's roof and motorpool parking.
466531	Construct Storm Water Drainage Improvements	\$125,000	Two storm water drainage improvements identified on West Camp Rapid: construction of detention cell abutting Red Dale Drive and reconstruction of City detention cell to include relocation of training road out of existing City detention cell.
466440	Correct Drainage	\$250,000	The project would construct drainage pipes within the motorpool to collect storm water runoff and direct it to the local storm water detention pond and drainage system.
462056	Correct Drainage	\$150,000	The proposed design of the project is to use drain pans and conveyance piping to collect the excess runoff of the motorpool and direct it to the intended drainage system.
466401	Correct Drainage	\$400,000	The project would include adding conveyance piping at the base of the cold storage building and motorpool in order to route the excess water to the nearby drainage system.

P&E Project ID	Project Title	Award Amount	Description
R0123--07X/ARPA	Drainage improvement	\$78,000	Install drain inlets on the west side of the Kline Street sidewalk to improve drainage where water pools after rains and spring snow melt.
R0323--06X/ARPA	Retention Pond Outlet Structure	\$600,000	Construct an outlet structure for the campus retention pond at the NW corner of SDSU - Brookings campus.
R0623--05X/ARPA	N. Complex Storm Water Installation	\$2,000,000	Construct storm water system drainage around the North Complex buildings at USD - Vermillion, which consists of Richardson Hall, Olson Hall, Beede Hall, and Mickelson Hall to address issues with rainwater and ground water getting into the basement of these buildings.
R0623--03X/ARPA	Campus Tunnel System Storm Water Improvements	\$500,000	Construction of storm water drainage system within USD - Vermillion tunnel system to help mitigate rainwater and ground water infiltration into the tunnel systems on campus.
R0623--02X/ARPA	Noteboom, East, and Dakota Hall storm water improvements	\$1,500,000	Construction of storm water drainage system around Noteboom, East, and Dakota Halls due to water infiltration within these buildings.
R0623--04X/ARPA	Campus wide storm sewer installation	\$250,000	Construction of storm water drainage system within the lawn area west of the Muenster University Center. This is a large gathering and event space that has issues with flooding during heavy rain events.

P&E Project ID	Project Title	Award Amount	Description
TCM23--01X/ARPA	Storm Water Improvements	\$2,780,000	Correct and mitigate the flow of storm water drainage coming from the Technology Center's roof drains and parking lots intakes. Project would create proper underground drainage infrastructure to route roof water directly to underground piping and remove current method of running above grade from the building to the parking lot. Parking lot intakes need to be relocated to better handle capacity and properly route water the entire way to the retention pond opposed to current design which daylight approximately 150 yards short of the pond. All runoff flows above grade the remainder of the distance to the retention pond, eroding ground and reducing holding capacity due to excessive silting in. Correct and mitigate the flow of storm water drainage coming from the Energy Training Center, Nordby Trades Center, and Energy Field by installing proper intakes and underground piping to properly route drainage the entire way to the retention pond. Correct and mitigate the flow of storm water coming from NW corner of campus property to retention pond.
TCW23--01X/ARPA	Campus Development	\$1,800,000	Improve storm water drainage ditch/divide with enhanced collection, drainage, and retention. Utilize retention pond.
5.11-Drinking water: Transmission & Distribution			
G2123--26X/ARPA	Water Service - New @ Campground	\$5,000	New water service to the campground.
G2123--13X/ARPA	Grace Coolidge Water Line Replacement	\$25,000	Replace galvanized water line under highway at the Grace Coolidge tent area.
G2123--03X/ARPA	Water Line Infrastructure Replacement	\$40,935	Replace aging/failing water supply lines within the park. Tie into existing meter pit with a deeper main line and connect secondary lines to existing infrastructure. Add frost free spigots and drinking water supply lines.
G2123--17X/ARPA	Dumpstation Tower Replacement	\$75,000	Replace existing dump station towers with frost-free towers.
G2123--18X/ARPA	Waterline - Replace	\$300,000	Replace approximately 2 miles of waterlines within the park. Install curb stop isolation valves and frost free hydrants throughout the park.

P&E Project ID	Project Title	Award Amount	Description
G2123--04X/ARPA	Water Line Infrastructure Replacement	\$49,740	Replace approximately 2000 feet of old failing main water line feeding the campground and beach areas.
G2123--24X/ARPA	Water Line Infrastructure Replacement Sewer Upgrades	\$160,000	Replacement of all existing water lines throughout the park. Install drainfield and septic tanks at horse camp.
G2123--25X/ARPA	Cabin Area Water - Relocate & Make ADA	\$20,000	Relocate and add waterlines to the picnic shelter, camp host site, and camping cabins.
G2123--35X/ARPA	Water system upgrade	\$75,000	Main line connection from local rural water source. Re-route existing park line to account for expansion grading. Tie-in new mainline to existing park and add curb stops for secondary lines. Add new meter pit.
G2123--34X/ARPA	Waterline - Replace	\$300,000	Replace approximately 11,000 linear feet of waterline throughout the park including new curb stops for isolating sections of line.
G2123--36X/ARPA	Water Supply @ Equestrian Campground	\$90,000	Bring in rural water line to the equestrian campground to better serve our guests.
G2123--32X/ARPA	Waterline installation	\$50,000	Add 1900 feet of new water line and add 2 frost free hydrants to serve the lakeside use area.
H1123--01X/ARPA	Pump VFDs	\$15,000	Install two variable frequency drives. The two VFDs will provide a "soft start" for the pumps connected to the SDDC water tower. The soft start vs. the 50 hp hard start would alleviate the hammer effect that currently takes place. There is a noticeable water hammer which creates damage to the pumps along with a lot of coupler failures and downtime that the SDDC has had to endure over the years. This would prolong the life of our existing pumps.
M2321--09X	DEX Livestock Avenue Utility Improvements	\$3,000,000	DEX Facility Upgrades: Water Main - Upsizing 6-inch to 10-inch water main along Livestock Avenue between 2nd Street and Grandstand Way. Sanitary Sewer - Replacement of existing VCP sanitary sewer under Livestock Avenue. Storm Sewer - replacement and relocation of storm sewer to properly manage stormwater associated with construction of the DEX.

P&E Project ID	Project Title	Award Amount	Description
M2323--01X/ARPA	2nd Street Water Loop	\$151,875	Install 6-inch water main to complete looping on 2nd Street between Recreation Avenue and Livestock Avenue.
M2323--05X/ARPA	Campground Water and Sewer Hookups	\$1,067,500	Provide service to campground units for potable water and sanitary sewer service for full-service hookups.
466532	Extend Water/Sewer Services	\$495,000	This project would extend water and sewer main line pipes, manholes, fittings and valves from existing public services on 44th Street into the training area on West Camp Rapid.
N1823--01X/ARPA	Construct New Water Supply	\$200,000	Replace 1930's era house water system to meet current standards. Additionally, 500 ft. of 3-inch main to existing housing water line is supplied from Building 1 which is no longer a State-owned building. Age of this line is 1950 or older. Expenses incurred account for road crossing, rock, and existing utilities to be crossed. Need to upsize capacity to meet future campus growth/expansion with staff quarters.
R0323--04X/ARPA	West Campus Water Main Replacement	\$2,700,000	Work includes replacing the aged cast iron water main from the Ag Heritage Museum to the south past the President's Home, then across Medary into the parking lot north of Pugsley Hall. The water main loop is located between multiple buildings and goes under Wecota Annex.
R0323--07X/ARPA	New Water Main between Briggs Library and Student Wellness Center	\$1,000,000	Replace 1300 linear feet of 6-inch asbestos cement pipe with new 8-inch PLC. This section extends from south of Biggs Library to the east and then north to tie back into the new line near the SW corner of DJD Stadium.
R0323--08X/ARPA	Replace Water Main between Binnewies Hall and Brown Hall	\$720,000	This improvement includes replacing 910 linear feet of asbestos cement pipe and 250 linear feet of cast iron pipe with new 8-inch PVC pipe.

P&E Project ID	Project Title	Award Amount	Description
R0323--14X/ARPA	Water Main Upgrades – Various Locations	\$725,000	Replace the service to Mathews Hall at SDSU - Brookings, taking it off of the service through Grove Hall. Replace water main between Avera Health and Science Building and State Art Museum (service to State Art Museum). Work will occur in the parking lot north of Animal Science Complex up to approximately the North Chiller Plant. It includes replacement of deteriorated 6-inch cast iron water main with new 8-inch PVC pipe.
R0323--09X/ARPA	11th Street Water Main Replacement	\$1,900,000	The 11th Street improvement would include replacement of 2,510 feet of water main on the north side of the street and 550 feet of 6-inch water main extending off the 11th Street main into McCrory Gardens. The water mains are currently comprised of 6-inch asbestos cement pipe and cast-iron pipe. The new PVC mains would be 8-inch. Upsizing of hydrant H-50 lateral to 6-inch would allow for compliance with SDDENR Standard 8.4.4 that requires all hydrants to be connected to main lines with nothing less than a 6-inch lateral.
R0423--01X/ARPA	Utility Improvements	\$631,248	Install water main and sanitary sewer in previously undeveloped areas of DSU athletic facility.
5.13-Drinking water: Source			
G2123--14X/ARPA	French Creek Horse Camp New Well & Water Distribution	\$50,000	Campground improvements to modernize the horse camp by creating water availability at the corrals.
5.14-Drinking water: Storage			
N1823--02X/ARPA	Water Tower Control Monitoring System	\$50,000	Monitoring of water tower and well campus water system needs replaced. Old system has partially failed and provides false readings and is unreliable, antiquated system, hard to maintain.
5.15-Drinking water: Other water infrastructure			
C1223--08X/ARPA	Water System Improvements	\$40,000	Shut offs for JPA and SFCWC water service / loop to better isolate and back feed current system.
G2123--33X/ARPA	Waterline curbstops and frost free hydrants	\$10,000	Install curb stops at all park hydrants and replace hydrant at horse camp with frost free hydrant.

P&E Project ID	Project Title	Award Amount	Description
G2123--40X/ARPA	Horse Camp - Water Hydrant Addition	\$12,000	Upgrade water line and hydrant to serve the horse camp.
5.18-Water and Sewer: Other			
G2123--22X/ARPA	Lewis & Clark Sewer Line Replacement Water Station Upgrades	\$120,000	6/16/2020 Sewer Line Break - Replace 1/4 mile of aging pipe, Add 2 additional water fill stations to enhance existing facilities.
G2123--05X/ARPA	Additional Wastewater Lagoon Cell & Dump Station Expansion	\$1,100,000	Add another cell to lagoon system to address deficiency in water treatment capacity.

Capitol Lake Master Plan

Project ID: Capitol

Appropriation: \$3,000,000 ³¹

Expenditure Category: 5.8-Clean Water: Water Conservation

Project Overview:

This project involves capping and securing a well, dredging the Capitol Lake, pumping water from the river to the lake, and updating the surrounding walkway path to make it ADA accessible. This project will resolve long-term issues and dangers on the South Dakota Capitol Complex. The Capitol Lake well is an artesian well that supplies water to the Capitol Lake and flows through Pierre to the Missouri River. However, it releases methane gas that is brought to the surface in highly variable concentrations. The well water is corrosive and contains hydrogen sulfide, which can be fatal, even at low concentrations. A steel baffle plate was installed to slow the flow of water, but there is concern that it has corroded.

Without making these necessary repairs, the Capitol Lake is at risk to cause a sinkhole and/or flooding. Additionally, water quality will improve, both due to capping the well that releases hazardous gases, and by dredging the lake and removing 1-4 feet of goose excrement. The creation of a new water source for the lake will protect South Dakota's natural resources by no longer depleting a groundwater resource. This project will benefit all visitors to the Capitol Complex and have positive health impacts for the greater population because hazardous gases will no longer be released into the environment from the artesian well.

The Justice40 Initiative is not applicable to this project.

Key Performance Indicators:

Phase I of this project included dredging the lake bottom and removing/disposing of 33,000 cubic yards of material. Once the material was removed, the lake bottom was returned to the natural bedrock. This work was completed in May 2023. BOA is currently working through design of an alternate water source and plugging of the artesian well. BOA anticipates being able to bid the work later this fall or early winter 2023.

The following performance indicators will be tracked for the duration of the project. Metrics with an 'N/A' are not yet available:

Key Performance Indicator	Change Since Last Report	Cumulative Total
Yards of sediment removed	33,500 CY	33,500 CY
Elimination of hydrogen sulfide and dissolved methane	N/A	N/A
Additional water supplied	N/A	N/A

³¹ This project has an additional \$500,000 appropriated from the general fund.

Broadband

Project ID: Broadband

Appropriation: \$50,000,000

Project Expenditure Category: 5.19-Broadband: “Last Mile” projects

Project Overview:

The objective of this project is to build out the broadband network across the state. This will be achieved through contracts with service providers across the state to fund planning and construction costs associated with the broadband expansion. The goal of this project is to achieve 100% broadband coverage across the state.

The State will contract service providers, with the majority of construction occurring during FY 2023-2024.

Key Performance Indicators:

The goal of the Governor’s Office of Economic Development’s project is to expand broadband access across the state. A successful project would achieve broadband coverage access across the entire state.

To date, The ConnectSD program has executed 32 contracts with 14 internet service providers to increase broadband coverage in the state. In July 2022, the State awarded \$12.8 million to serve 1,209 locations. In May 2023, an additional \$32.6 million was awarded to serve 3,137 locations. These projects will leverage private matching dollars for a total investment of over \$64 million in broadband infrastructure statewide.

The following performance indicators will be tracked for the duration of the project:

Key Performance Indicator	Change Since Last Report	Cumulative Total
Number of counties with improved access to broadband	25	25
Miles of fiber installed	2,254.2	2,254.2

EC 7: Administration

Administration

Project ID: Admin

Appropriation: \$30,000,000

Project Expenditure Category: 7.1-Administration and Other

Project Overview:

Costs related to the overall administration of State ARPA funds. At this time, this includes consultants hired to ensure compliance with SLFRF eligibility and reporting requirements. More administrative fees may be added to this project as different needs arise over the next few years.

Key Performance Indicators:

The following performance indicators will be tracked for the duration of the project:

Key Performance Indicator	Change Since Last Report	Cumulative Total
Number of Project & Expenditure Reports submitted	4	7
Number of Recovery Plan Performance Reports submitted	1	2