



On-Call Professional Engineering, Planning, and Grant Writing Administration Services

Master Services Agreement

City of Sidney, MT

Professionals You Need, People You Trust.

www.interstate.engineering



TABLE OF CONTENTS

1	Introduction
12	Firm Qualifications
8	Project Team
11	Sidney Team
12	Relevant Experience
13	Approach to On-Call/MSA Work
2	Scope of Services
14	Capacity & Current Workload
A	Appendix A: References
B	Appendix B: Resumes



Comprehensive Services, Local Commitment

Interstate Engineering is proud to call Sidney home. With a strong local presence supported by a diverse network of expertise, we are honored to have served our friends and neighbors for more than 40 years. We are pleased to submit this proposal for on-call Engineering, Planning, and Grant Writing & Administration Services.

Our partnership with the City of Sidney has been a true win-win for our Sidney office staff, and we deeply appreciate the trust the community places in us. We are committed to delivering responsive, high-quality service, with local staff who can act quickly and a firm-wide network of experts ready to support them. Our long history in Sidney has given us a strong understanding of the community's values, priorities, and partnerships. Combined with our strong relationships at the state and federal levels, Interstate Engineering is uniquely positioned to provide Engineering, Planning, and Grant Writing & Administration services that strengthen and support the community's long-term success.



Although engineering is in our name, we provide a much broader range of services—including funding assistance and grant management, legal and construction surveying, building inspections, current and long-range planning, landscape architecture, GIS, and aquatics. With more than four decades of partnership and presence in Sidney, Interstate Engineering brings experience and local insight to helping the community maintain one of the highest quality of life in the region.

Strengthening Water Infrastructure

Interstate Engineering has been working with the city to implement improvements to the water distribution system for the past decade. The final project identified in the 2019 Rate Study—a new 750,000-gallon elevated water tower—is scheduled to begin construction this spring.

The city has since identified additional water pipelines in need of upgrades or extension within the distribution network. Interstate Engineering is contracted to prepare a Preliminary Engineering Report (PER) for the Water System in 2026, which will include these pipeline improvements, the replacement of the existing 200,000-gallon on-ground storage tank, and other priorities identified by the water department.

We look forward to supporting the city as it strategically upgrades its water distribution network. Our team will work closely with the sewer, streets, and parks departments to verify each project is coordinated, comprehensive, and designed to minimize public disruption while maximizing cost-effectiveness for the community.

Water Projects Since Execution of the 2016 MSA

(Task Orders 1–9)

- South Sidney Water Extension
- North Frontage Road
- East Holly
- Water Rate Study
- 4th Avenue Southeast: Phase 1
- West Holly: Phase 2
- Lincoln Ave / Central Ave / 6th Street SW: Phase 3
- 200,000gal Tank Relining
- Hydraulic Model
- 3rd Street NE: Phase 4a
- North Park Elevated Water Tower: Phase 4b
- West Holly Phase II Preliminary Design
- Water System PER



Proactive Sewer System Management

Infiltration and inflow within the sanitary sewer collection system are challenges faced by nearly every community. Sidney's flat terrain makes stormwater conveyance difficult, increasing the likelihood that it enters the sanitary sewer system. We have completed infiltration and inflow evaluations to identify problem areas and develop strategies that reduce impacts on the wastewater treatment facility.

Interstate Engineering can pursue grant funding for a Preliminary Engineering Report (PER) for the Sewer System. The PER will utilize the city's GIS data, incorporate an infiltration and inflow evaluation, and prioritize improvements to the sanitary sewer collection system. Protecting the city's investment in its new Wastewater Treatment Facility is essential, and these efforts will support long-term system reliability and resilience.



Stormwater System Improvements

Stormwater infrastructure in the city is limited compared to that of its counterparts; however, the city plans to complete major upgrades to key segments of the stormwater network while also evaluating the feasibility of establishing a new stormwater enterprise fund. The City of Sidney's Stormwater Master Plan identifies and prioritizes nine projects to guide these efforts.

Interstate Engineering completed preliminary plans for the 11th Street SW project, and the Public Works department constructed the lower collection segments and outfall line last year. Building on this progress, Interstate Engineering can pursue state and federal funding opportunities to support the engineering and construction of projects identified in the Storm Water Master Plan. Under a Master Service Agreement, Interstate Engineering can assist the city in plans to complete major upgrades.



Street System Maintenance & Management

Regular maintenance is essential for any road network. The cost of keeping streets in good condition is far lower than the cost of full replacement. Interstate Engineering is prepared to assist the city with pavement condition surveys, if requested, and can help develop a data-driven city-wide pavement management plan. We can also provide technical support for future maintenance, rehabilitation, and reconstruction projects to support the long-term performance of the street system.

We recently included the city in a chip-sealing project, partnering with Richland County to reduce costs for project design and bidding, mobilization, and construction administration. We look forward to leveraging our local knowledge to deliver cost-effective solutions for Sidney's residents whenever possible.



Parks Planning & Development

It is a privilege to live in a community that continues to invest in its parks and recreational spaces. Our team has enjoyed these parks with our friends and family for many years, and we understand how important they are to Sidney's quality of life. Through recent public engagement efforts for the Richland County-Sidney-Fairview Growth Policy and the Sidney Downtown Master Plan, the community expressed strong interest in expanding recreational opportunities. The City has demonstrated its commitment to thoughtfully planned park improvements that incorporate efficient irrigation systems with backflow prevention, flow metering, and full ADA accessibility compliance.

Interstate Engineering has the expertise to assist the Parks Department in pursuing funding opportunities that support improvements throughout the city's park system. Our team has completed parks in Jamestown, ND, Williams County, ND, Sheridan, WY, and Billings, MT. With a deep bench of professional landscape architects and certified planners, we would welcome the opportunity to prepare a Parks Master Plan grounded in meaningful community engagement and aligned with Sidney's long-term vision for its recreational spaces.

The parks department recently constructed the first phase of irrigation improvements in Veterans' Park, based on design drawings prepared by Interstate Engineering. Design is also underway for the park and site improvements associated with the new elevated water tower in North Park, with construction scheduled for 2028.



Strategic Planning for Long-term Growth

Everything starts with a plan. The City of Sidney contracts its current planning services with Peaks Planning. Over the last decade, various consultants, including Interstate Engineering, have completed the city's catalog of long-range planning documents.

We appreciate the city's commitment to providing consistent planning services and value the strong relationship we have built with your current planner. Looking ahead, Interstate Engineering is well-positioned and eager to support the City of Sidney with its current planning services. Our team currently provides planning and GIS services for Richland County, the Town of Fairview, the City of Livingston, and the Town of Ray, and we are ready to bring that experience forward to help guide Sidney's future.

Focusing on meeting people where they are, our team, supported by our local office, completed a robust public engagement process to develop the City of Sidney's Downtown Plan and the Richland County-City of Sidney-Town of Fairview Growth Policy. Both documents are scheduled for adoption in 2026. Our GIS capabilities strengthened these efforts. Our capabilities extend well beyond these projects. Interstate Engineering has experience preparing zoning updates, capital improvement plans, and a variety of master plans. Guided by individuals who care deeply about this community, we are committed to delivering long-range planning documents that are practical, forward-thinking, GIS-informed, and readily implementable by the city.



Maximizing External Funding Opportunities

At the heart of every successful project is the ability to leverage local funds to secure external grants. Over the last decade, the City of Sidney has been proactive in upgrading its water and sewer infrastructure using State Revolving Fund (SRF) loans. As a result, the city's water and sewer rates are nearing the target rate established by the Department of Commerce. These target rates are used to determine eligibility for State of Montana grant funds.

Interstate Engineering has a strong team of funding specialists and certified grant writers, supported by the added advantage of having an office in Helena, Montana. Our team has secured grant funds for our clients from a wide range of private, local, state, and federal programs shown in the callout box on this page. Grant writing and administration services can be provided as a stand-alone offering. We would welcome the opportunity to meet regularly with the City of Sidney to discuss upcoming grant opportunities and position future projects for success.

Interstate Engineering secured American Rescue Plan Act (ARPA) grant funding through a competitive application process for the Lincoln Ave / Central Ave / 6th Street SW Water Improvements Project. Over the last decade, our funding specialists have provided project administration, reporting, and compliance tracking for all of the city's water projects. Our strong relationships with state agencies are built on active communication, attention to detail, and consistent follow-through.

Common Funding Programs:

CDBG

Community Development Block Grant
(MT Department of Commerce)

MCEP

Montana Coal Endowment Program
(Infrastructure & Planning)

RRGL

Renewable Resource Grant &
Loan Program (DNRC)

USDA Rural Development

Water & Waste Disposal/
Community Facilities

CDS

Congressionally Directed Spending
(Earmarks)

RTP

Recreational Trails Program (FWP)

LWCF

Land and Water Conservation Fund (FWP)

MDT

Transportation Alternatives (TA)

USDA SEARCH

Special Evaluation Assistance for
Rural Communities
(Planning/Technical Assistance)

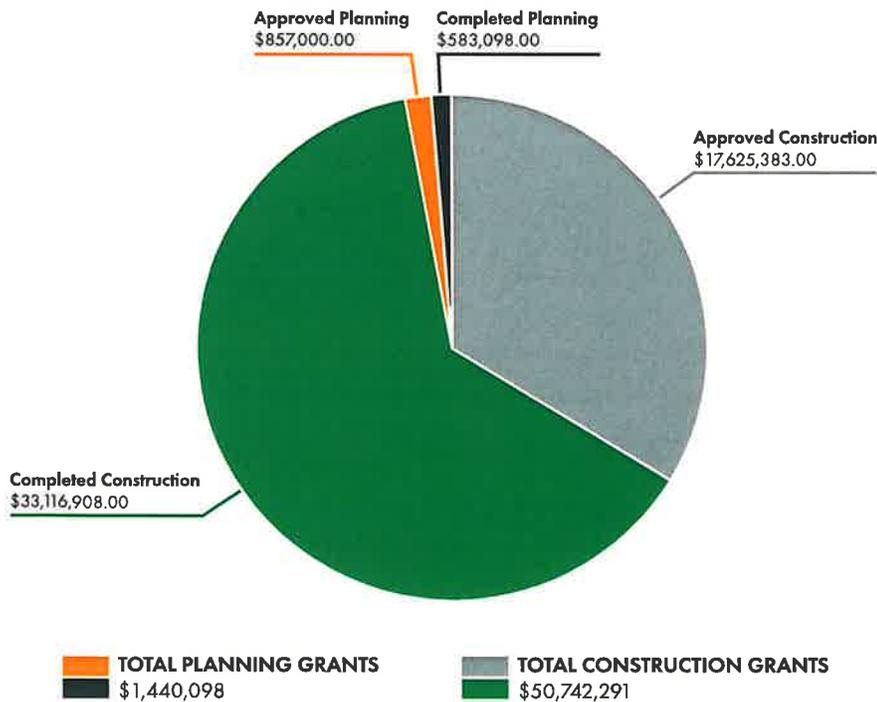
SRF

Drinking Water State Revolving Fund
(DWSRF)

SRF

Clean Water State Revolving Fund
(CWSRF)

CONSTRUCTION & PLANNING GRANTS



GIS Mapping & Data Management

For communities, a Geographical Information System (GIS) is an essential tool for making informed, efficient decisions and even anticipating future needs. It provides a clear, accurate way to map existing facilities, plan for future improvements, and organize critical infrastructure data within a single, accessible system. GIS also preserves institutional knowledge by capturing information that might otherwise be lost through staff turnover. Just as importantly, it supports cross-department collaboration, enabling everyone to work from the same reliable data. With a comprehensive GIS system, a city can coordinate projects, reduce redundancies, and plan strategically for the future.

We understand that the City of Sidney has already mapped its existing sanitary sewer and storm sewer facilities. Interstate Engineering has a team of GIS professionals ready to collaborate with the city to expand its current GIS system. Our services can vary in complexity based on the city's goals. By first understanding the city's purpose for GIS implementation, Interstate Engineering will collaborate with city staff to structure a database that is both efficient and comprehensive.

Interstate Engineering has created and/or managed GIS systems for communities such as Fairview, MT, Buffalo, WY, Plentywood, MT, and Richland County, MT, to name a few.



Buffalo GIS



Enhancing Public Spaces Through Design

Landscape architecture at Interstate Engineering is about shaping more than space; it's about designing environments that connect people, place, and purpose. It's about how the environment *feels* for people who use it.

We design the places people experience every day. Places where families gather, street corridors that are safer and more enjoyable to walk, and outdoor areas around buildings that are practical, comfortable, and easy to maintain. Our approach considers how people move through a space, how water behaves after a storm, how plants will grow over time, and how the space will function in the future.

Primary Services:

- Planting & Irrigation
- Site Planning & Design
- Parks & Recreation Planning & Design
- Campus & Facility Grounds Design
- Streetscapes
- Community & Neighborhood Design
- Stormwater & Drainage Solutions
- Public Gathering Space Design

Our dedicated professional landscape architects recently partnered with the City of Sidney on the Veterans Park Irrigation Improvements Project and are finalizing the design of North Park. We remain committed to serving the Sidney community by planning and designing lasting, maintainable facilities and public spaces that will benefit residents for generations.



Project Team

Interstate Engineering utilizes the personnel most suited for each project. We take knowledge, proximity, and availability into consideration before assigning anyone to a project. Choosing the staff that will create the most dynamic team means we can provide you with a superior end project. Resumes of team members are in Appendix B of this proposal.



JORDAN MAYER, PE
Client Manager | Project Engineer

Jordan is a Professional Engineer licensed in Montana with more than a decade of experience serving the City of Sidney. His background in municipal engineering and rural water systems spans roles from field assistant to project engineer, giving him practical insight into every phase of project delivery, from site design to private development. He has led infrastructure improvements, secured funding, and supported asset management efforts for both public and private clients. Jordan brings a practical, solutions-oriented mindset to each assignment and is committed to strengthening community infrastructure in ways that are both efficient and forward-thinking.

“I value raising my family in a community that embraces its small-town and rural character. Sidney is full of people who work hard, support one another, and take pride in shared success. I’m grateful for the opportunity to live, serve, and work here, and to help pass those values on to the next generation. Becoming a parent has given me a deeper sense of purpose. I’ve always been driven to deliver engineering solutions that are practical, cost-effective, and sustainable. Now, I’m equally motivated to create those solutions so communities can enhance the services they provide and build a stronger future for the next generation. Working within and for the City of Sidney for more than a decade has given me a deep appreciation for the purpose and vision of its leadership. While many communities focus only on meeting basic needs, Sidney consistently strives to do more. The City is committed to using resources wisely, collaborating with stakeholders, and pursuing opportunities that elevate the community beyond what is simply required”. Jordan is proud to support that commitment through thoughtful engineering and long-term partnership.



BRENT MOORE, AICP
MT Regional Vice President | Principal Planner

“I have enjoyed working for the City of Sidney since joining Interstate Engineering, particularly on the water rate study. That study resulted in several water projects and it’s been exciting to see those projects be constructed over the last several years. I’d also be excited to support Sidney with planning services should the need arise, but appreciate partnering with other planning professionals when it makes sense for the community”.



RACHEL LAQUA, AICP
Planning Director

“I enjoy working for communities as their planner helping to provide background for sound decision-making by elected and appointed officials. I have enjoyed working with the City of Sidney on their downtown plan because the people who work for and with the city are so engaged in their community”.



LANETTE DIAZ, CGW

Funding Specialist

"I enjoy working with Sidney because they plan ahead and have a variety of projects that could use grant funding. I enjoy researching new opportunities for the city to move projects forward. My focus is helping cities obtain funding that keep user rates low. As a former social worker, I value helping communities and residents enjoy amenities while ensuring it doesn't cause a large financial impact. I am most excited to work on the Water Town project with Sidney. It's a dynamic project that involves SRF funding and a local match for non-SRF eligible items. I enjoy tracking these expenses and ensuring Sidney spends only what is necessary from their cash contribution.



GORDON LEMMEL, PLA, ASLA

Landscape Architect

"I enjoy working with the City of Sidney because every project is approached with the future in mind. They aren't afraid to push the limits of design, and they consistently think at a big-picture scale. Having worked with Sidney in two different professional capacities, I've seen first-hand how thoughtful planning and leadership translate into long-term community success, and that's something worth sharing with other communities. Helping communities improve quality of life has always been my calling. Working at Interstate Engineering allows me to do that with integrity, collaboration, and a long-term mindset. These are values that strongly align with how the City of Sidney approaches its projects. That shared commitment makes the work more meaningful and the outcomes more impactful."



JASON BOUCHER, GISP

GIS Lead

"The City of Sidney is home to one of our most successful offices which can be attributed to the fact that it's home to some of our most passionate and dynamic people! GIS at its heart makes truth visible and truth builds trust. Interstate Engineering understands the importance of trust, both for staff and from clients, and it works hard to encourage it, build it, and keep it. I am most excited about helping to take Sidney's GIS capabilities and uses to the next level, creating a GIS that serves the city staff and citizens in a highly valuable and informative way".



GINA BARRY, PE

PER Lead | Project Engineer

"While working on Sidney's water PER, it is evident that this is a community that not only is forward thinking, but cares about its residents and the long-term success of the community."



JOHN BACH, PE

Water & Wastewater Lead | Project Engineer

"Working with the City of Sidney is never a surprise. You know what you are going to get when you begin a project, and if an issue arises, the city is willing to work through it to reach the best solution. There is mutual respect between Interstate Engineering and the city that enables projects to move smoothly from inception through funding, design, and construction. Working for Interstate Engineering allows me to connect with the people in the communities that we serve. All of our clients in this region, are not only clients, but are also friends and neighbors. Being able to see projects through that you know have a lasting impact to the individuals that you see on a regular basis instills a sense of pride. I look forward to working with the City of Sidney on the replacement of the city's 200,000-gallon water tank. Since becoming involved in the attempted relining project, I would like to see the City made whole by replacing this tank to serve the northwestern parts of the City of Sidney".



KADEN BEDWELL, PE

Aquatics Lead | Project Engineer

"I enjoy working with the City of Sidney because of its strong commitment to community focused infrastructure and long term planning. I chose engineering to work on projects that directly improve quality of life, particularly through recreation and public facilities, and Interstate Engineering aligns with that purpose. The firm's emphasis on technical excellence, teamwork, and client relationships allows me to focus on meaningful, community driven work. I'm excited to support the city on aquatic and recreation projects, including evaluations, rehabilitation, and future planning of public facilities. The projects create lasting community value and benefit residents of all ages".



TEAGEAN KNUDSEN, PE

Structural Lead | Project Engineer | Certified Building Official

"Interstate Engineering aligns with my values because of its 'boots on the ground' approach. We prioritize regional expertise and practical, high-quality solutions. As the structural group leader at Interstate Engineering, I mentor others and work on projects that benefit the communities where I grew up".



BRYAN TUSS

Construction Lead

Being on the team for the projects in Sidney the past several years has been enjoyable and rewarding. The recent upgrades to the water system will benefit the community for many years to come. Additionally, I am looking forward to the construction of the elevated water tank project this spring. Having been involved in similar projects and familiarity with the contractor will provide the team a valuable resource.

Committed to the Community We Serve

Our Sidney-based team lives and works in the community we serve, bringing local insight, accountability, and pride to every project. We don't just work in Sidney. We live here, raise our families here, and care deeply about the future of this community.



McKade Mahlen, Don Nelson, Jordan Mayer, Ryan Kopp, Josh Schmierer, Gage Bloesser, Jackie Miller, Chris DiFonzo, Kali Buxbaum

It's always nice working on Sidney projects because you know it's been thought out with the future in mind. I like to share things that the City of Sidney is doing with other communities to help them be as successful as Sidney has been.

Ryan Kopp

My favorite part of living and working in the Sidney area is the strong sense of community paired with opportunity. You can be involved, make an impact, and still enjoy the space, scenery, and pace of eastern Montana. It's a place where hard work matters and relationships are valued.

McKade Mahlen

There are many aspects of living and working in the Sidney area that I truly appreciate, but if I had to pick a favorite, it would be the immense satisfaction of looking around and saying, "I had a part in that project!" Seeing the tangible results of our hard work and knowing that my involvement, no matter how big or small, made a difference is incredibly rewarding.

Wendy Johnson

Sidney has always been home and it is a great place to raise a family. Working in a smaller town allows community involvement to sustain multiple programs.

Jackie Miller

Firm Qualifications

Interstate Engineering is uniquely qualified to continue serving the City of Sidney because we understand the community, its infrastructure systems, and its long-term priorities. Our qualifications are grounded not only in technical expertise, but in decades of direct partnership with the city.

With more than 40 years of local presence and firm-wide technical depth, we have assisted Sidney with water distribution improvements, sanitary sewer evaluations, stormwater planning, rate studies, hydraulic modeling, capital planning, grant funding, GIS services, landscape architecture, and long-range planning. We are familiar with the city's infrastructure history, funding pathways, regulatory coordination, and departmental operations. This institutional knowledge allows us to provide practical recommendations that align with budget realities and community expectations.

Our multidisciplinary team offers the full range of services identified in this RFQ, including Preliminary Engineering Reports, civil infrastructure design, construction administration, planning and growth policy updates, parks planning, GIS mapping, and grant writing and administration. By integrating planning, funding, design, and construction services under one team, we deliver coordinated solutions that build logically on prior work.

With local leadership and regional support, Interstate Engineering is prepared to provide responsive, informed, and efficient service under a new Master Services Agreement.

Relevant Experience

Interstate Engineering has extensive experience serving communities throughout Eastern Montana, providing engineering, planning, GIS, landscape architecture, and grant writing services to cities, counties, and rural districts. Our work spans water, wastewater, stormwater, streets, parks, and long-range planning projects, many of which have required coordinated funding strategies and phased implementation. We understand the infrastructure challenges, regulatory requirements, and funding realities facing Montana communities, and we tailor solutions that are practical, financially responsible, and community-driven. The following projects highlight our experience delivering responsive, multidisciplinary services similar to those requested in this RFQ. Here are some projects we have completed recently in eastern Montana:

- Richland County Fairgrounds Irrigation System
- City of Poplar Phase 1 & 2 Sewer Improvements
- Fort Peck Tribe Water & Sewer Investigation
- Miles City Firehall Site Design
- Glendive GIS System Implementation
- Frazer Sewer Replacement
- Poplar GIS System Implementation
- City of Sidney Chip Seal Project (2024)
- Plentywood Infiltration, Inflow Study, & Report
- Richland County Landfill Maintenance Building and Scale
- Fairview Phase 1 & 2 Water Improvements
- Sidney Rate Study
- Agwest Farm Credit Building Site Design
- City of Plentywood Water PER
- Poplar Old Airport Master Plan
- Glendive Water & Sewer Replacements
- Sidney Health Center Parking Lot Design
- Fairview GIS System Implementation
- Poplar Parks Schematic Design
- Town of Brockton Hydrant Replacement
- Dry Redwater Feasibility Report
- Fort Peck Housing Authority Poplar Development
- Fort Peck Housing Authority Parking Lot Design
- Fort Peck Tribe Brockton Lagoon & Lift Station
- Glendive Downtown Street Improvements
- Plentywood GIS System Implementation
- Richland County Boys & Girls Club Renovation
- Savage Firehall
- Dry Redwater Hwy 200 Extension
- Scobey Street Improvements
- City of Plentywood Phase 1 Water Replacement
- Fort Peck Housing Authority Wolf Point Development
- Poplar Provider Housing Development

Approach to On-Call/MSA Work

Interstate Engineering's approach to on-call services is grounded in a simple reality: we know Sidney. We understand the city's infrastructure systems, funding history, planning documents, operational structure, and community priorities because we have helped shape them. This familiarity enables us to respond quickly, anticipate needs, and deliver practical solutions aligned with the city's long-term goals.

Seamless Extension of City Staff

Our team functions as an extension of city staff under a Master Services Agreement. Jordan will serve as the primary point of contact, providing consistent leadership and coordination across all Task Orders. Because we are already familiar with city processes, standards, and expectations, we can move efficiently from request to scope development without unnecessary ramp-up time.

We maintain regular communication with department heads to stay informed about emerging needs, capital planning discussions, and funding opportunities. This ongoing coordination allows us to anticipate priorities rather than simply react to them. Having staff in Sidney allows us to meet face-to-face with city staff, council, stakeholders at short notice.

Efficient Task Order Development

When a need is identified, we work collaboratively with city staff to define a clear scope, schedule, deliverables, and level of effort. Our understanding of Sidney's infrastructure and prior projects allows us to prepare focused Task Orders that build on existing studies, models, and plans rather than duplicating effort.

Each Task Order will Clearly Outline:

- Project objectives
- Scope of services
- Deliverables
- Schedule and milestones
- Staffing plan
- Budget estimate

Scalable Resources with Local Leadership

While our Sidney office provides local leadership and coordination, we are supported by a broader network of firm-wide expertise. This structure allows us to scale resources as needed while maintaining the consistency and accountability of a local team that understands the community. If multiple projects advance at once, we can assign additional technical staff without disrupting schedules or overextending key personnel.

Alignment with Funding & Long-Term Planning

Because we have supported the city's State Revolving Fund projects, ARPA funding, planning documents, and infrastructure improvements over the last decade, we understand how funding eligibility, rate structures, and regulatory requirements influence project timing and design. Our funding specialists, planners, and engineers work together to align project development with realistic funding pathways and city priorities.

Continuity & Institutional Knowledge

A five-year Master Services Agreement provides continuity that benefits both the city and our team. We retain institutional knowledge of past studies, infrastructure conditions, and community input, allowing each new assignment to build logically on prior work.

Understanding Sidney's systems, staff, and long-term vision enables us to deliver responsive, efficient, and well-informed service across every Task Order.

Capacity & Current Workload

Other than his family, the City of Sidney is Jordan's priority. That commitment is reflected not just in his availability, but in his investment in the city's long term success. Jordan is genuinely vested in the best interest of Sidney fiscally, operationally, and strategically. He approaches every recommendation with one guiding question: What serves the city best, both now and 20 years from now?

He answers emails, texts, and phone calls when you need him, not when it is convenient. He attends City Council meetings because he believes in being present and accountable. When urgent issues arise, he responds immediately, understanding that municipal infrastructure and public trust cannot wait.

Jordan does not see Sidney as simply another client. He understands your systems, your pressures, your funding cycles, and your political realities because he invests the time to stay engaged. Your projects are not tasks to complete. They are community responsibilities, and he treats them with that level of seriousness.

Our team maintains balanced workloads to provide responsive service while sustaining high-quality project delivery.

Name	Role	Current Workload	Available Capacity	Notes
Brent Moore, AICP	Regional Vice President Certified Planner	75%	25%	Executive oversight & strategic planning support
Rachel Laqua, AICP	Planning Lead Certified Planner	70%	30%	Active long-range & current planning projects
LaNette Diaz, CGW	Funding Specialist Certified Grant Writer	75%	25%	Grant writing & compliance management
Gordon Lemmel, PLA	Landscape Architect	70%	30%	Parks & site design workload
Jason Boucher, GISP	GIS Lead	65%	35%	GIS analysis & asset management support
John Bach, PE	Water & Wastewater Project Engineer	80%	20%	Utility design & construction administration
Gina Barry, PE	PER Lead Project Engineer	75%	25%	Preliminary Engineering Reports & infrastructure planning
Kaden Bedwell, PE	Aquatics Lead Project Engineer	70%	30%	Aquatics & specialty facility projects
Teaguean Knudsen, PE	Structural Lead Project Engineer Certified Building Official	75%	25%	Structural design & building code services
Bryan Tuss	Construction Lead	80%	20%	Construction oversight & field coordination

Interstate Engineering utilizes our tagline, "Professionals you Need, People you Trust," as a benchmark for service. Those are the goals of every client relationship we foster. Building trust through professional service and dedicated attention to each client and project is the keystone of our company.

We invite you to contact our references to learn more about us and how our knowledge and experience dovetails with your needs.



RANDY RICE

Mayor

City of Plentywood, MT

(406) 765.7344

Randyrice57@hotmail.com



DEB DION

Mayor

City of Glendive, MT

(406) 377.3318

mayor@glendivemt.gov



SHANE HALVERSON

Public Works Director

City of Poplar, MT

406-895-7953

poplarpwd@gmail.com



BETTY CHERRY

Mayor

Town of Fairview, MT

(406) 742.5616

fairviewmtmayor@gmail.com



JOSH JOHNSON

Public Works Director

Richland County, MT

406-489-2512

Joshua.johnson@richland.org



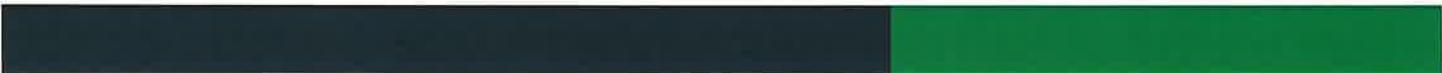
RONDA RUSTAD

Auditor

City of Ray, ND

(701) 568-2204

raynd@nccray.net





JORDAN MAYER, PE

Project Engineer

Jordan is a professional engineer licensed in Montana with a strong background in municipal engineering and rural water systems. His diverse experience at Interstate Engineering spans from field assistant to project engineer, where he’s tackled everything from site design to private development. Known for his leadership skills, Jordan excels at securing funding and managing assets for both public and private projects. He is passionate about enhancing community infrastructure and brings a practical, solutions-oriented approach to every challenge. With a commitment to innovation and efficiency, Jordan is dedicated to making a real difference.

Core Skills

- Municipal Engineering
- Rural Water
- Site Design
- Private Development
- Leadership
- Funding

Education

2011
BS General Engineering
Montana Technological
University

Active Registration

Professional Engineer
MT

Trainings | Certifications

- Cured-In-Place Pipe Inspection
- Sidney Chamber of Commerce Leadership Graduate
- AWWA
- ACI

ONEOK Civil Site Design

Sidney, MT | Staff Engineer

Completed civil site design for new administration and warehouse buildings, including water and sewer services, site grading, stormwater facilities, utility coordination, and ADA-compliant sidewalk design.

Water Main Replacement under MDT Hwy 16

Sidney, MT | Project Engineer

Replaced 900 feet of 12-inch cast-iron and asbestos cement transmission main under MDT Highway 16 with restrained ductile iron pipe in petroleum-contaminated soils and installed 3,800 feet of 8- and 10-inch PVC water mains to improve reliability, eliminate dead-end lines, supply potable water to key public and commercial areas, add a secondary HDD connection under Lone Tree Creek, and remove the City’s last four lead service lines. Funded by a competitive ARPA grant awarded in 2022 and built in 2023 on time and under budget.

Glendive Water & Sewer Improvements – Capital Improvement Projects

Glendive, MT | Project Engineer

Prepared designs for four sewer collection projects and ten water distribution projects identified in the City’s Water and Sewer Master Plans. Work included 2,900 feet of sewer main and 12,900 feet of water main. Projects were submitted to the State of Montana for ARPA grant funding consideration.

Sidney High School - Post Tension Track

Sidney, MT | Project Engineer

The project consisted of reconstructing the existing 8-lane track on a post-tensioned concrete base meeting Montana High School Association design guidelines for vertical and horizontal layouts. Civil services included survey and base map preparation, horizontal and vertical track layout, and a grading and drainage plan. The drainage of the track was designed to utilize existing dry wells in combination with a new overflow dry well. Drainage piping was extended into the football field to accommodate a future synthetic field surface.

Water & Sewer System Improvements

DRWA, MT | Project Manager

Managed installation of more than 21,000 feet of water main and 6,600 feet of sewer main using open-cut and directional drilling. Oversaw construction management, pay requests, and progress tracking while coordinating with local and state officials to expand municipal and DRWA rural utilities.

City-Wide Curb & Gutter Improvements

Glendive, MT | Project Engineer

Prepared construction documents for the city-wide voluntary curb, gutter, and sidewalk program. Work included replacement of 15,710 feet of curb and gutter, 69,560 square feet of sidewalk, and 3,500 square feet of driveway, along with design of 5,710 feet of new curb and gutter and 3,600 square feet of new sidewalk. Plans also incorporated 67 ADA ramps, valley gutter, and miscellaneous surface restoration.

Jordan.Mayer@interstateeng.com | (406) 480.2889 | Sidney, MT





BRENT MOORE, AICP

Western Regional Vice President | Principal Planner

Brent is dedicated to ensuring project success by assembling the right teams and resources for clients and has over 20 years of experience in planning and project management. He plays a critical role in verifying that projects are adequately staffed to meet budget and schedule requirements, while also setting project direction and coordinating with state funding agencies.

Core Skills

- Team Management
- Leadership
- Growth Management
- Current Planning
- Strategic Planning
- Capital Improvements Planning

Education

2003
 Master of Science
 Urban and Regional Planning
 Florida State University

Active Registration

AICP
 American Institute of Certified
 Planners

Trainings | Affiliations

- PSMJ Project Management Bootcamp
- American Planning Association
- Montana Association of Planners
- Montana Infrastructure Coalition
- Montana Economic Development Association

Growth Policy

Daniels County, MT | Project Manager

Revised the county's comprehensive plan featuring straight-forward policies for new growth

Comprehensive Plans

White Sulphur Springs, Froid, and Jordan, MT | Project Manager

Provided future growth mapping, facilitated public input, and updated trends and projections in a simple and visual plan document for the three rural towns.

Community Master Plan

Roberts, MT | Project Manager

Developed a master plan that addressed housing, transportation, and land use issues in the rural community.

Growth Policy

Carbon County, MT | Project Manager

Updated the county's long-range comprehensive planning document featuring revised goals, objectives, and future land use maps. Included a robust public process in every community across the county.

Current Planning Review

Wolf Point, MT | Project Manager

Supported staff and the city engineer in the review of zoning and subdivision applications.

Future Land Use Map

Wolf Point, MT | Project Manager

Developed a future land use map to direct growth for the City of Wolf Point. The map is a guide for future land use decisions for the community

Annexation Policy

Wolf Point, MT | Project Manager

With financial support from the Montana Department of Commerce, Brent served as the Project Manager in developing an annexation policy and service agreement for future additions to the community.

Zoning Ordinance

Wolf Point, MT | Project Manager

Provided a comprehensive update to the city's zoning ordinance, working closely with city staff to modify areas of common practice.

Carbon County Planning

Red Lodge, MT | Project Manager

Served as the contract county planner from 2012 to 2016. Services included subdivision review, an update to the county's growth policy, and an update to the development regulations.



RACHEL LAQUA, AICP

Planning Director

Rachel is a professional certified planner with over a dozen years of high-level planning and project management experience, having served as principal planner for the City of Williston, North Dakota, before beginning a career with Interstate Engineering. As planning director, Rachel ensures the right team and resources are dedicated to our clients with a focus on project success. She has managed the development process from start to finish for jurisdictions of various sizes and managed large comprehensive planning projects and ordinance creation and implementation with extensive public input.

Core Skills

- Team Leadership
- Public Engagement
- Project Management
- Subdivision Review
- Ordinance Drafting
- Long Range Planning

Education

- 2012
Master of Urban Planning and Policy
University of Illinois at Chicago
- 2010
Bachelor of Science - Diplomacy and
International Relations
Seton Hall University

Professional Registrations

AICP

Affiliations | Organizations

- North Dakota Planning Association
- 2025 President
- American Planning Association

Growth Policy and Zoning Feasibility Study

Richland County, MT | Planner
Richland County, Sidney and Fairview Growth Policy and Zoning Feasibility Study

Zoning Code and Subdivision Update

Fairview, MT | Planner
Updating zoning and subdivision code for Fairview, MT

Ray Comprehensive Plan

Ray, ND | Planner
Ray, ND Comprehensive Plan updating for a post-boom future.

City of Williston Comprehensive Plan Update

Williston, ND | Planner
Worked on an update to 2012 Comprehensive Plan as a City representative

Ray Renaissance Zone Creation

Ray, ND | Planner
Creating a Renaissance Zone for Ray, ND

City of Gwinner, ND Comprehensive Plan

Gwinner, ND | Planner
Comprehensive Plan for City with original location of Bobcat

City of Colfax, ND Comprehensive Plan

Colfax, ND | Planner
Comprehensive Plan for growing rural community with high implementation rate of recommended projects

Nashua, MT Growth Policy

Nashua, MT | Planner
Growth Policy for hi-line community as required by state statute that assists in grant success

City of Williston, ND Downtown Plan

Williston, ND | Planner
Worked from public side on Downtown Plan to revitalize a disinvested in downtown

City of Williston, ND Subdivision Ordinance

Williston, ND | Planner
Comprehensively re-wrote Subdivision Ordinance, allowing for flexible subdivision options for citizens

City of Williston, ND Main Street Reconstruction

Williston, ND | Planner
Coordinated Planning interests during Main Street Reconstruction

City of Williston, ND Main Street Parking Study

Williston, ND | Planner
Managed Parking Study for Downtown Williston



LANETTE DIAZ, CGW

Funding Specialist | Helena Office Manager

LaNette has over 20 years of experience in nonprofit management, grant administration, and grant writing. She has direct experience working in affordable housing, housing development, human services, education, and infrastructure development. Her direct funding experience includes housing, wastewater, water, stormwater, bridge, trail, levee, and park projects. LaNette is a Certified Grant Writer through the American Grant Writers Association.

Core Skills

- Direct Funding
- Affordable Housing
- Housing Development
- Human Services
- Education
- Infrastructure Development

Education

- 2004
Master's Degree
Social Work
University of Montana
- 2000
Bachelor of Arts
Social Work
University of Montana

Certifications | Affiliations

- Certified Grant Writer
- American Grant Writers Association

Duck Creek Road Improvements

Valley County, MT | Funding Specialist

Worked with Project Engineer to develop a realistic budget to maximize grant funding and reduce the County's contribution for the road improvements. Assisted with the application for the Army Corps of Engineers, Federal Land Access Program (FLAP) in the amount of \$4,025,970. The Federal Land Access Program grant was awarded up to \$4,704,970 for the project. This amount represents the Montana Federal Land Access Program's share of the project funding.

Anaconda Sidewalk Project

Anaconda, MT | Funding Specialist

Assisted with writing a Montana Department of Transportation Alternatives (TA) Program application for completion of sidewalks in Anaconda to connect neighborhoods, the hospital, and downtown district to Washoe Park. Transportation Alternatives grant awarded in the amount of \$432,381.

Wastewater Improvements

Choteau, MT | Funding Specialist

Worked with the Community to develop a realistic funding package that maximized grant funding to help keep user rates affordable. Also assisted with submitting the loan/grant application for USDA Rural Development Funding. USDA Rural Development awarded \$398,000 grant funding and \$618,000 loan funding. Assisted with grant administration of project funds, ensured regulatory compliance, and completed project closeout.

Orchard Gardens

Missoula, MT | Asset Manager

Assisted the housing developer with grant applications for CDBG program funds of \$180,000 and Montana Board of Housing Low-Income Tax Credit funds of \$545,000, both of which were awarded.

Water Supply, Transmission, and Distribution Improvements

Three Forks, MT | Funding Specialist

Worked with the community to develop a realistic funding package that maximizes grant funding to help keep user rates affordable. Assisted with writing and submitting the grant applications for ARPA funding in the amount of \$3M. ARPA Minimum Allocations from the city and Gallatin County awarded in the amount of \$1M. Assisted with grant administration of project funds and ensured regulatory compliance.

Water Supply and Transmission Improvements

Helena, MT | Funding Specialist

Worked with the community to develop a realistic funding package that maximized grant funding to help keep user rates affordable. Assisted with writing and submitting the grant applications for ARPA funding. ARPA Competitive Grant awarded in the amount of \$2,000,000.

Projects completed prior to employment with Interstate Engineering.





GORDON LEMMEL, PLA, ASLA

Landscape Architect

Over Gordon’s 16-year career working from the upper Midwest to the Rocky Mountain West, he has built a broad portfolio of transformative projects that generate social, environmental, health, and quality of life benefits for communities and clients. This is underscored by his work in the public, private, and non-profit sectors, which allows him to approach design from all perspectives. His work combines landscape architecture, construction, technology, and fine art knowledge to work at various scales and collaborate with interdisciplinary practitioners, communities, and government organizations. Gordon constantly seeks creative solutions to develop new ways of solving complex design problems through beautifully designed, cerebrally activating, and unique interventions.

Core Skills

- AutoCAD | Microstation
- SketchUp
- Hand Rendering
- Adobe Creative Suites
- ArcGIS Pro | Online

Education

- 2011
Masters of Landscape Architecture
University of Idaho
- 2008
BA Landscape Architecture
University of Idaho

Active Registration

- Professional Landscape Architect
ND, ID, MT, WY, MN
- CLARB
- ASLA
North Dakota Chapter President
Nebraska-Dakotas Chapter

Williston Parks & Recreation District Master Plans

Williston, ND | Lead Landscape Architect

Developed visionary master plans for Cote, Davidson, and Harmon Parks. Integrated site analysis, community input, and prior planning to create rendered park concepts aligned with evolving recreational needs. Deliverables included phased implementation strategies and budgetary cost estimates to guide future development and capital improvements.

Water Tower Park Redesign

Sidney, MT | Lead Landscape Architect

Supported the transformation of a key civic space following the removal of a historic water tower. The concept introduced a sensory playground, flexible open space, and the “Hello Walk” pedestrian corridor, along with ADA-accessible amenities to promote inclusivity and support community gatherings. The design repositions the park as a vibrant, multi-use public asset.

Nickeus Park Redesign

Jamestown, ND | Lead Landscape Architect

Contributed to a park reconfiguration focused on universal accessibility and inclusion. Featured a new inclusive playground, adjacent facilities, and a restructured circulation system separating pedestrian and vehicular traffic to enhance safety and usability. The project emphasizes equitable access and user experience for all visitors.

Other Relevant Projects

- Ellendale Trail & Park Master Plan, Ellendale, ND (2024)
- St. Alphonsus Fountain Plaza, Olivea, MN (2024)
- Williston Ice Rink Feasibility Site Studies, Williston, ND (2024)
- Ft. Peck Park Master Plan, Poplar, MT (2023)
- Tongue River Reservoir Campground Master Plan, Decker, MT (2023)
- Fridley Parks Master Plan, Fridley, MN (2022)
- UAS Park, Williston, ND (2022)
- Cleary Lake Regional Park Master Plan, Prior Lake, MN (2022)
- Sunny Square Park, New Brighton, MN (2022)
- Shamrock Park, Shamrock Township, MN (2022)
- The Pointes at Cedar, Monticello, MN (2022)
- Antlers Park, Lakeville, MN (2022)
- Johnston Town Center, Johnston, IA (2019)
- KeeTown, Waukee, IA (2019)
- Point to Point Park, Medora, ND (2018)
- Sheridan Collaborative School, Sheridan, WY (2018)
- Strider Bike Course at Trail’s End Park, Billings, MT (2018)
- Blue Creek Access Park, Billings, MT (2017)
- BLM Salmon River Campground Park, Ellis, ID (2017)
- Canyon Creek Battlefield Site Improvement, Laurel, MT (2017)
- Joel’s Pond Park Master Plan, Billings, MT (2015)

Some projects completed prior to employment at Interstate Engineering.



JASON BOUCHER, GISP

GIS Group Lead

Jason joined Interstate Engineering in 2018 and is a Certified Geographic Information Systems (GIS) Professional. He is currently the Interstate Engineering GIS Group Leader. In this role, he oversees the company's GIS services and projects. With over a decade of GIS-specific knowledge, Jason understands the GIS system and its capabilities in bringing data to life. Having worked with communities and projects of various sizes gives him an understanding of different approaches and methods to present and use the existing data.

Core Skills

- GIS Project Management
- GIS Group Leadership
- GIS Applications Development
- GIS Software Use
- GIS Based Analysis
- GIS Based Solutions

Active Registrations

GISP
International

Trainings | Certifications

- GISCI - Met Exam and Portfolio Requirements
- UDEMY - Web Development Bootcamp
- UDEMY - USA-FAA Part 107 Training
- ESRI MOOC - GeoApps
- ESRI MOOC - Imagery At Work
- ESRI MOOC - Cartography

Glendive GIS

Glendive, MT | GIS Support

Designed, deployed, and managed GIS database. Deployed GIS based web maps and apps. Created maps for operations and maintenance use, public works, engineering, and planning functions, as well as their asset management directives.

Dawson County NG 911GIS

Richland County, MT | NG911 GIS Support

Support County's Next Generation 911, (NG911), GIS data management functions including database updates, validations, maintenances, and shares.

Sheridan Pool Project

Sheridan, WY | GIS & PR

Provided liaison communications support, public communications/relations, and project awareness/polling functions, both GIS based and non-GIS based, for project design and approval success.

Crosby GIS

Crosby, ND | GIS Support

Collected survey grade data of utility infrastructure and created web based maps and apps for the city employees to use.

County Water District of Billings Heights GIS

Billings, MT | GIS Support

Managed water district's GIS database. Deployed GIS based web maps and apps. Created maps for the district's operations and maintenance use and asset management directives.

Dry-Redwater Regional Water Authority GIS

Eastern, MT | GIS Support

Managed authority's GIS database. Deployed GIS based web maps and apps. Created maps for the authority's use and directives. Support planning and design efforts with GIS.

Sidney Water Project

Sidney, MT | GIS Support

Created project overview map for city use and directives.

Columbus GIS

Columbus, MT | GIS Support

Provided GIS support for public works, engineering, and planning functions.



JOHN BACH, PE

Project Engineer

John has been with Interstate Engineering since November 2008 and has provided technical engineering expertise for a vast variety of projects involving roads, streets, and stormwater systems. He has provided project administration, design, and construction management for numerous county projects. John specializes in water, wastewater, streets, airports, county roads and bridges. He prides himself on providing value to our clients through sustainable projects that will help better their lives for generations to come.

Core Skills

- Public Engagement
- Client Relations
- Design
- Funding
- Construction Administration

Education

2006
 Bachelor of Science
 Civil Engineering
 Montana State University

Active Registration

Professional Engineer
 MT, ND

Certifications | Affiliations

- Storm Water Pollution Prevention Plan Administrator
- American Public Works Association (APWA)
- American Water Works Association (AWWA)

Road 2051 Bridge Replacement

Roosevelt County, MT | Project Manager

This project consisted of the design and project management of a 36-foot span bridge replacement. The structure was replaced with a full invert aluminum box culvert. The project included regrading of the existing road to provide an overflow swale and allow passage of storm water in the event of a major flood.

E&D Street Sidewalk Ramps

Poplar, MT (Roosevelt County, MT) | Project Manager

This project consisted of the design of American's with Disabilities Act (ADA) accessible ramps for six intersections on D Street and E Street in the City of Poplar. The ramps had to meet ADA requirements, and the proposed accessibility guidelines for Pedestrian Facilities in the public right-of-way, while matching to the existing grades of the streets and adjoining sidewalks.

Wolf Point Street Improvements

Wolf Point, MT | Project Engineer & Design Engineer

Performed design services for street reconstruction projects within the City of Wolf Point. Duties included identification of repair and replacement areas, calculation of grades to insure proper drainage in the replacement areas, and project bidding.

Columbus Main Street Park Sidewalk

Columbus, MT | Project Manager & Design Engineer

Design engineer for the design and placement of sidewalks for Columbus Main Street Park. The project consisted of the removal of the existing concrete curb, gutter, and sidewalk. Construction included new curb, gutter, sidewalks, and concrete pads using ARRA funds.

Columbus Water Tank Drainage

Columbus, MT | Design and Drafting Services

Performed design and drafting services for a flood control swale below the Town of Columbus water tank. The swale diverts water away from private residences if the water tank overflows. Calculations were performed to size the swale to accept the anticipated flow in the event that pumps continue pumping once the tank is full.

Poplar Street Improvements

Poplar, MT | Project Engineer & Design Engineer

Performed design services for street reconstruction projects within the City of Poplar. Duties included identification of repair and replacement areas, calculation of grades to insure proper drainage in the replacement areas, project bidding, and construction administration.

John.Bach@interstateeng.com | (406) 581.9413 | Fort Peck, MT





GINA BARRY, PE

Project Engineer

Gina is a seasoned project engineer with over 10 years of experience specializing in water and wastewater design and construction. She excels in preparing and writing Preliminary Engineering reports and grant applications, ensuring comprehensive and accurate documentation. Gina is skilled in drafting design memorandums and project specifications, and her technical expertise extends to construction observation and management. Her proficiency in technical writing, combined with a strong background in wastewater and water design, enhances her ability to secure funding and collaborate effectively with teams. Gina's dedication to excellence and detail-driven approach make her a valuable asset in delivering successful projects.

Core Skills

- Technical Writing
- Wastewater Design
- Water Design
- Construction Observation
- Construction Management
- Funding

Education

2013
Bachelor of Science
Civil Engineering
Montana Tech - University of
Montana

Active Registration

Professional Engineer
MT

Trainings | Certifications

- NASSCO PACP

Preliminary Engineering Report

Bearcreek, MT | Project Engineer

Responsible for writing a water PER. Proposed improvements include installing a redundant transmission main to increase pressures during fire flow events.

Preliminary Engineering Report

Plentywood, MT | Project Engineer

Responsible for writing a water PER. Proposed improvements include replacing leaking and outdated cast iron mains.

Preliminary Engineering Report

Billings, MT | Project Engineer

Responsible for writing a PER for the Northwest Transmission Main for the County Water District of Billings Heights. Developed alternatives to address low pressure issues during fire flow events.

Preliminary Engineering Report

Billings, MT | Project Engineer

Responsible for writing a system-wide water PER for the County Water District of Billings Heights. Evaluated its distribution system, pumping facilities, water storage, and water quality.

Preliminary Engineering Report

Edgar, MT | Project Engineer

Responsible for writing a sewer wastewater PER for Carbon County for the town of Edgar. Identified deficiencies with the entire system, developed alternatives to address these deficiencies, recommended the best solution or alternative for each system component, and developed a funding plan and schedule for the selected solutions.

Preliminary Engineering Report

Fairview, MT | Project Engineer

Responsible for writing a wastewater PER for the Town of Fairview. Identified deficiencies with the entire system, developed alternatives to address these deficiencies, recommended the best solution or alternative for each system component, and developed a funding plan and schedule for the selected solutions.

Preliminary Engineering Report

Hinsdale, MT | Project Engineer

Responsible for writing a wastewater PER for the Hinsdale Water and Sewer District. Identified deficiencies with the entire system, developed alternatives to address these deficiencies, recommended the best solution or alternative for each system component, and developed a funding plan and schedule for the selected solutions.



KADEN BEDWELL, PE

Project Engineer

Kaden has been with Interstate Engineering since 2015 and has a bachelor's degree in Civil Engineering from Montana Technological University. He currently works in the Fort Peck, MT, office. As the Pool Aquatics and Recreation Group Leader, Kaden specializes in aquatics design, drafting, and water/wastewater. He has provided project administration, development, design, and observation for various municipal and private sectors for pools, site design, water, sewer, and storm rehabilitation projects. Kaden works closely with owners, contractors, and other engineers to achieve the desired final product.

Core Skills

- Aquatics Design
- Drafting
- Divergent Thinking
- Natural Leader
- Good Listener
- Dependable

Education

2017
Bachelor of Science - Civil Engineering
Montana Technological University

Active Registration

Professional Engineer
MT

Various COS Applications

Carbon, Richland, & Valley Counties, MT | Project Engineer
Prepared several minor subdivision plats, gathered data, and completed calculations for minor subdivision applications including runoff, hydraulic conductivity, septic system and drain field sizing, nitrate sensitivity analysis, phosphorous breakthrough analysis, and hydraulic gradient.

Levee Drainage Improvements

Glasgow, MT | Staff Engineer
Developed a set of plans and specifications for improvements to the existing levee drainage that included new storm drain mains, catch basins, head gates, retaining walls, and chimney structures.

Makoshika State Park Water Supply Project

Glendive, MT | Project Engineer
Produced a plan set to delivery potable water to a camp site 1.25 miles into the rugged Makoshika State Park. This project consisted of a booster station, numerous air relief valves, and a combination of 11 horizontal directional drills.

Meade St. Water & Sewer Replacement

Glendive, MT | Staff Engineer
Drafted the plan set for the Project Engineer, which involved moving the water line to a new alignment to maintain the minimum separation requirement while alleviating the city's sewer problems by increasing the main slope in troubled areas.

Poplar Ph I Sewer Replacement

Poplar, MT | Project Engineer
Assisted project team in replacing over 4,000 feet of sewer main and a 450 foot inverted siphon under the BNSF railroad, by developing the construction plan set and creating BNSF occupational permit exhibits for the utility pipeline crossing.

Oak Street Water Replacement

Forsyth, MT | Project Engineer
Redesigned the choke point in the city's water distribution system directly after the water treatment facility. The project entailed maintaining potable water to the residents while up-sizing the initial 350 linear feet of distribution piping from the plant.

Lift Station & Lagoon Improvements

Broadus, MT | Project Engineer
Worked with the owner and Senior Project Engineer to develop a set of plans and bidding documents to armor the existing lagoon cells and reroute the lagoons sewer main around a failing lift station to a new ASVP station.

Lift Station Improvements

St. Labre, MT | Project Engineer
Designed the site layout, plans, and bidding documents for the abandonment and relocation of an existing lift station and associated sewer main system.

Kaden.Bedwell@interstateeng.com | (406) 390.2170 | Fort Peck, MT





TEAGUEAN KNUDSEN, PE

Structural Engineering Group Leader

Teaguean joined Interstate Engineering in 2014 and is currently a project engineer and the Structural Group Leader, holding his Professional Engineering license in the five states within Interstate Engineering's footprint. With his analytical mind and drive for excellence, he has created impeccable designs and beautiful projects across North Dakota, Minnesota, Montana, and South Dakota. Teaguean specializes in structural and municipal engineering. He has experience working on concrete, steel, and timber structures. He is detail-focused with strong organizational skills and will strive for perfection on every project.

Core Skills

- Structure Design
- Structure Drafting
- Inspection
- Funding
- Project Management
- Strong Communication

Education

2016
Bachelor of Science - Civil Engineering
Montana Technological University
Active Registration
Professional Engineer
ND, MN, MT, WY, SD

Trainings | Certifications

- Foundations in Cold Regions
- ICC Commercial Building Inspector
- PSMJ Transformative Leadership Training
- Behavior & Modeling of Mass Timber
- CLT Diaphragms Training

Fairground Grandstand Reconstruction

Phillips County, MT | Project Manager & Engineer

Perform structural design of a steel and precast concrete 1200 person grandstand structure to replace the existing wood structure. Design includes concrete spread footings, steel column and beam framing, and precast concrete seating risers.

WWT/Headworks Building

Poplar, MT | Project Manager & Engineer

Project included the structural design of shallow concrete foundations, precast concrete double-tee walls with a hollowcore roof panel system, interior lifting beams, and open flow concrete channels for routing wastewater through multiple pieces of wastewater treatment equipment.

Savage Fire Hall

Savage, MT | Project Manager & Engineer

Perform structural design and prepare design drawings for a new 11,000 SF fire hall to be constructed with precast concrete wall panels, a steel joist and girder roof system, and supported by a shallow concrete foundation. The project also includes design of steel framing to support multiple equipment platforms and mezzanines.

Big Sandy Aquatics Facility

Big Sandy, MT | Project Engineer

Provided structural design of a new "L" shaped swimming pool with zero-depth entry, lap lanes, and diving area as well as the structural design of a new 2400 SF CMU and timber bath house.

Meg-A-Latte Remodel

Williston, ND | Staff Engineer

Project involved the structural design of 2,670 square feet of remodels, design of tall shear walls with numerous large windows, and converting the roof structure from a mansard style to a multi-level low slope roof.

Bridge 39-116-34.1 Replacement

Richland County, ND | Staff Engineer

Provided structural design for a 140 foot 3-span pre-stressed concrete girder bridge over the Wild Rice River. Included design of pre-stressed concrete box girders, reinforced concrete deck, and reinforced concrete integral abutments found on steel piling.

Carbon County Multiple Bridge Replacements

Carbon County, MT | Project Engineer

Structural design of reinforced integral concrete abutments and procurement of three manufactured steel bridge structures constructed in various locations. This project featured accelerated design and construction to replace the structures after they had been damaged by severe floods in the spring of 2022.

13th Street Bridge Load Rating and Repairs

Red Lodge, MT | Project Engineer

Load rating analysis of an approximately 67 foot single-span steel girder bridge with cast-in-place concrete deck. This bridge was impacted by flooding in 2022 and as a result we performed an updated load rating analysis with recommendations for maximum load postings and remediation of the foundation.

Teaguean.Knudsen@interstateeng.com | (406) 654.4616 | Helena, MT





BRYAN TUSS

Project Technician | Project Manager

Bryan joined Interstate Engineering in 2012. Specializing in construction observation and project management, he provides valuable insight into the constructability and cost control components of our civil projects after having spent over 25 years in the construction field in Montana and North Dakota. This provides our clients with the confidence that proper construction practices are being followed on our projects. Bryan is a Senior Project Manager.

Core Skills

- Plan/Specifications QA/QC
- Project Management
- Construction Observation
- Project Constructability Analysis
- Construction Staking
- Cost Control

Trainings | Certifications

- NASSCO Manhole Assessment (MACP)
- NASSCO Manhole Rehabilitation Technologies
- NASSCO Lateral Assessment (LACP)
- NASSCO Pipeline Assessment (PACP)
- NASSCO Cured in Place Pipe Inspection (CIPP)
- PSMJ Leadership Training
- HDPE Pipe Fusion Certified
- Asphalt Institute-Principles of HMAP
- AET-Base and Subgrade Stabilization
- BNSF/ErailSafe Contractor Safety
- OSHA Trench Safety Awareness

Water System Improvements

Columbus, MT | Construction Observation/Project Management
The project included installation of new water mains and services in numerous areas of the town.

Water Main Extension

Poplar, MT | Construction Observation
The project was for the Fort Peck Tribal Correctional Facility water main extension.

Water Main Transmission

Poplar, MT | Construction Observation
The project included installation of raw water/finished water main transmission line using horizontal directional drilling (HDD).

Pumping Station Improvements

Red Lodge, MT | Construction Observation/Project Management
The project included installation of the new force main and package lift station.

Sewer System Improvements

Columbus, MT | Construction Observation/Project Management
The project included the installation of 36" casing beneath BNSF railroad tracks (Jack/Bore) and installation of 16" sewer Main.

Water Transmission Main

Billings, MT | Construction Observation
The project included the installation of a 14" water transmission main and meter vault.

Water Main Improvements

Plentywood, MT | Construction Observation
The project included the lowering and realignment of water mains to fully utilize the corridor.

Sanitary Sewer Improvements

Plentywood, MT | Construction Observation
The project included trenchless CIPP sewer main and lateral lining and lift station renovation.

Pumping Station Improvements

Red Lodge, MT | Construction Observation/Project Management
The project included installation of the new force main and package lift station.

Elevated Water Storage Tank/Booster Station Improvements

Poplar, MT | Construction Observation
The project included a 500,000-gallon elevated water storage tank (welded steel) and related water main improvements.

Bryan.Tuss@interstateeng.com | (406) 750.4641 | Billings, MT





EVERYTHING BEGINS WITH A CONNECTION

Just as infrastructure connects neighbors and communities, strong relationships built on trust connect our team with clients, building lasting relationships that last beyond a project and stretch into decades.

CONTACT US



Sidney Office
2177 Lincoln Avenue SE
Sidney, MT 59270



(406) 433.5617



www.interstate.engineering

Professionals You Need, People You Trust.

www.interstate.engineering

