PROPOSAL FOR

City of Three Forks

ENGINEERING SERVICES

Statement of Qualifications submitted by

TERRITORIAL LANDWORKS, INC.

Civil Engineering • Surveying • Land Use Consulting

Partnering to **build better** communities

TERRITORIAL LANDWORKS, INC.

Statement of Qualifications for the City of Three Forks Engineering Services

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I. FIRM INFORMATION

Territorial-Landworks, Inc. (TLI) is strategically located to provide services across Montana with offices in Billings, Kalispell, and Missoula. TLI is currently working with Richland County and Ravalli County providing contract planning and engineering services. TLI understands the importance of thorough review within the statutory timelines. We appreciate working with and understand the magnitude of our responsibility to assist the City of Three Forks to successfully review developments and projects for regulation compliance. We want to avoid the "you approved it" comments and ensure we are in compliance with published regulations.

We have a diverse staff comprised of Land Use Planners, Civil Engineers, Land Surveyors, Montana Registered Sanitarians, Certified Floodplain Managers, Drafters and support staff available to support the City of Three Forks as needed. Specifically, we have extensive experience and expertise in municipal infrastructure design and construction administration. Services provided include project budgeting and cost control, value engineering, project phasing plans, right-of-way surveys, municipal sewer/storm sewer design, water distribution design, street design, street reconstruction design, traffic volume and turn analysis assessment, right-of-way procurement, pedestrian ADA compliance, contract documents, and construction administration. We have worked with agencies on the Federal, State, and local levels to meet both funding and design requirements to make each project a success for our clients and the public. This section shows the vast array of TLI's projects in this field of expertise.

- **Territorial-Landworks –** has extensive experience with project development, design, permitting, construction administration and certification for municipal sewer main extensions, water main extension, streetscape design, streetscape re-habilitation, trail and pedestrian facilities, parks, right-of-way surveys, project development and phasing based on annual budgets.
- **Territorial-Landworks –** has extensive expertise in developing project manuals, municipal contracts, soliciting bidders, and administering construction contracts in conformance with State and Federal regulations for municipal infrastructure projects.
- **Territorial-Landworks –** has a full service team located throughout Montana and can assist in review of impacts from subdivision developments and conformance with city and state standards.

We recognize communication with staff and clients is of critical importance when conducting the efficient and effective management of personnel resources. We have streamlined our communication programs to include all means of electronic media, providing our clients and project partners with an information stream that greatly enhances the coordination of activities on every project. However, while these innovations have significantly improved our ability to share information and ideas, the telephone remains the most important means of coordinating with our clients. In this manner, TLI is able to maximize output from our corporate facilities, and can effectively manage many different projects with our available resources. In addition, TLI is constantly analyzing the balance of work and available personnel to establish an equilibrium which indirectly ensures deliverables are always of the highest quality.

We look forward to the opportunity to be an integral part of your team. We understand the magnitude of our role and will provide our vast expertise in timely fashion to ensure success of their projects.

Territorial Landworks, Inc. primary project locations:

Territorial Landworks, Inc.
3333 2nd Ave North, Suite 230
Billings, MT 59101
406-248-9000

Territorial Landworks, Inc.
Corporate Office
1817 South Avenue West, Suite A
Missoula, MT 59801
406-721-0142

II. FIRM PRINCIPALS

Territorial-Landworks, Inc. offers more than 250 years of combined experience with public and private land use development projects, subdivisions, contract administration, land surveying, civil design and participation in advisory committees assisting with the development of land use regulations. Territorial-Landworks, Inc.'s staff consists of highly experienced and qualified Engineers, Land Surveyors, Sanitarians, Planners, Certified Floodplain Managers, Design Technicians, CAD Technicians, Survey Crews and Administrative Staff.

Jason Rice, P.E.; CEO

Jason started Landworks Consulting & Design, Inc. in January of 2003 and has been practicing Civil Engineering since 1998. Jason started his career by field-testing materials for quality control which then led to experience that includes Planning, design, implementation, and construction oversight of on-site sanitation projects of all sizes, on-site public water systems, roads, pedestrian/bicycle facilities, storm water facilities (design and hydrology), water delivery mains, sewer collections mains, parking lots, commercial and residential site developments and subdivisions, and irrigation facilities. He has been involved with federally funded projects, most notably as the Project Manager for over 10 Community Transportation Enhancement Projects (CTEP). He has managed planning projects for subdivisions ranging in lot counts of 2 to 600. As a Project Manager, Jason is very resourceful and proactively communicates with Clients and other project team members in order to implement solutions to complications that may arise during the development of a project. Jason's responsibilities at Territorial-Landworks, Inc. include project management, design calculations, design review, office management, staff coordination, and strict adherence to the Business Plan.

Mark Bellon, P.E., COO

Role: Mark has developed expertise in public-sector infrastructure projects from conceptual planning through design, permitting, and construction administration. He works with communities throughout the State of Montana to help assess their capital improvement needs and advise on opportunities and processes for securing funding. His Civil Engineering background is founded in project development, funding assessment, grant procurement, street design, trail design, grading design, street rehabilitation, sewer/water collection/distribution analysis and design, onsite water/sewer system design, and storm sewer design. He has successfully managed dozens of public-sector infrastructure projects representing millions of dollars of capital improvements. He has extensive experience with the public sector construction projects and construction administration. He is proficient in contract document preparation, contract administration, construction oversight, and project certification. Mark's responsibilities at Territorial-Landworks, Inc. include Board President, Chief Operating Officer, Senior Engineer, project management, design review, staff coordination, and oversight of general company operations. He will provide design and compliance review and provide coordination with the Ravalli County for utilization of TLI staff resources for the Benefit of the Ravalli County Road Department.

III. KEY PERSONNEL

Territorial-Landworks, Inc. offers more than 250 years of combined experience with public and private land use development projects, subdivisions, contract administration, land surveying, civil design and participation in advisory committees assisting with the development of land use regulations. Territorial-Landworks, Inc.'s staff consists of highly experienced and qualified Engineers, Land Surveyors, Sanitarians, Planners, Certified Floodplain Managers, Design Technicians, CAD Technicians, Survey Crews and Administrative Staff.

Mark Bellon, P.E., COO

Mark has developed expertise in public-sector infrastructure projects from conceptual planning through design, permitting, and construction administration. He works with communities throughout the State of Montana to help assess their capital improvement needs and advise on opportunities and processes for securing funding. His Civil Engineering background is founded in project development, funding assessment, grant procurement, street design, trail design, grading design, street rehabilitation, sewer/water collection/distribution analysis and design, onsite water/sewer system design, and storm sewer design. He has successfully managed dozens of public-sector infrastructure projects representing millions of dollars of capital improvements. He has extensive experience with the public sector construction projects and construction administration. He is proficient in contract document preparation, contract administration, construction oversight, and project certification. Mark's responsibilities at Territorial-Landworks, Inc. include Board President, Chief Operating Officer, Senior Engineer, project management, design review, staff coordination, and oversight of general company operations. He will provide design and compliance review and provide coordination with the Ravalli County for utilization of TLI staff resources for the Benefit of the Ravalli County Road Department.

Kolten Knatterud, P.E., Billings Branch Manager

Kolten came to Territorial Landworks, Inc. with a construction background working for Prickett Construction in Bozeman, Montana and as an independent contractor for Steadman Roofing in Belgrade, Montana. Kolten previously was involved in performing inspections on a number of projects being overseen by TLI in Missoula and has experience with water, sewer, grading and drainage inspection. Kolten currently acts as the Billings Office Branch Manager and oversees activities performed here. Kolten is also the local contact for Clients in the Billings region. Kolten has also been involved in the design process of a number of TLI projects.

Cory Davis, P.E., Municipal Group Manager

Cory has worked as a project design engineer for many types of street, road, trail, municipal and onsite water /sewer design, stormwater assessment and permitting. He is fluent in Montana and Ravalli County regulations associated with infrastructure design and permitting. He has experience working on floodplain projects and understands the matrix of permits agencies associated with work around floodplains and streams. He is proficient in contract document preparation, contract administration, construction oversight, and project certification. He will provide engineering expertise to Ravalli County with his review and design experience. He will be responsible for project management, engineering design, engineering design and compliance review, and utilization of TLI staff engineering resources.

Matt Jacobson, P.L.S., Project Surveyor

Matt has been a Professional Land Surveyor since 2003 and is a right-of-way expert that has developed the skills to perform right-of-way surveys such as the retracements, relocations, and delineations for MDT, County, and Municipal right-of-ways. His cadastral surveying experience includes boundary surveys, encroachment surveys and exhibits, and preparation of legal descriptions and exhibits for easements. Matt's responsibilities include providing control points, existing conditions maps, construction staking, and as-built surveys. Matt will be the Project Surveyor and will manage the survey crews providing right-of-way expertise and quality assurance for elements such as boundary checks, topographic mapping, computations, the control plan, etc.

Andrew Mill, E.I., Staff Engineer

Role: Andrew is a project engineer with experience in design of municipal sewer/water and storm water utility projects, DEQ permitting for onsite sewer, water, and storm sewer projects, construction inspection, contract administration, and quality control. These will continue to be Andrew's primary responsibilities on all future projects. Andrew's will provide onsite sewer/water design, trail design, municipal utility design, road design, regulation compliance review, and general production engineering services for Ravalli County.

Justin Winz, Lead Design Drafter

Role: Justin is the CAD Manager and a Design Drafter with extensive water and pipe network Civil Design experience. He fully utilizes AutoCAD Civil 3D to produce construction drawings with surface modeling for less complicated calculation of design quantities.

Availability

As demonstrated in this proposal, we are very familiar with the demands of this type of contract and we will dedicate the necessary staff hours to complete any work required for the City of Three Forks.

Primary Team Member	Project Role	Time Available
Mark Bellon, P.E.	Principal In Charge –Senior Engineer	30%-50% On Demand
Kolten Knatterud, P.E.	Point of Contact – Project Manager	60-90% On Demand
Cory Davis, P.E.	Design Engineer – Project Manger	60-90% On Demand
Matt Jacobson, P.L.S.	Project Land Surveyor	50%-70% On Demand
Andrew Mill E.I.	Design/Production Engineer	50%-90% On Demand
Justin Winz	Design Drafter	70%-100% On Demand

REFERENCES

TLI has a proven track record providing services to communities and has developed a solid reputation across the state. We are very familiar with the demands of this industry and will dedicate the necessary staff hours and resources to complete your project on schedule.

Truly, the only way to know if a consultant lives up to his word when it comes to availability is to call references. We have time available and will dedicate qualified personnel to provide the best engineering services.

- Karen Byrnes, Director of Urban Renewal Agency - City of Butte, MT 406/497-6467
- Debi Meling, P.E. City of Billings Engineering Dept. – City of Billings, MT 406/657-8231
- Ellen Buchanan, Missoula Redevelopment Agency - City of Missoula, MT 406/552-6156
- Jessica Connolly, St. Regis Resort District - MT 406/649-7206
- Jeff Hintz, Director of Public Works - City of Sidney, MT 406/433-1117

IV. PRIOR PROJECT EXPERIENCE
CAPABILITY TO MEET TIME & BUDGET REQUIREMENTS

Project Name: Mineral County CDBG
Client: Mineral County
Client Contact: Tim Read, Public Works Director
Location: St. Regis, Mineral County, MT
Project Duration: 2017-Current
Project Budget: $300,000
Consulting Budget: $46,000

Project scope: This is a Montana Community Development Block Grant (CDBG) project that was awarded federal grant funding in November of 2018. The project consists of a master plan for the heavily trafficked St. Regis community, with plans to turn it into a safe, walkable community through the development of pedestrian and bicycle trails. TLI's responsibilities for this project included working to secure grant funding, developing a design for the proposed trails, and future construction oversight. Recognizing the need for infrastructure and the availability of funding that suited the goals of this project well, TLI worked closely with the St Regis Resort Area District, St Regis Community Council, Mineral County Commissioners, and Mineral County Public Works to successfully obtain CDBG program funds.

Project Name: MDT HWY 135 Reconstruction & Trail Project
Client: St. Regis Resort District & Montana Department of Transportation (MDT)
Client Contact: Jessica Connolly, Resort Board
Location: St. Regis, Mineral County, MT
Project Duration: 2013 - Present

Project scope:
TLI worked with the St. Regis Resort Board to develop this CTEP Project and successfully secure MDT Transportation Alternative (TA) Grant Funding for pedestrian improvements. TLI also developed innovative solutions for designs and funding sources to advance the goals of the district in developing a multi-million dollar highway corridor improvement project that will greatly improve public safety and enhance access to the St. Regis business district. Once having obtained the funding, TLI provided engineering design and survey mapping for the Highway 135 project, which included permitting and report completing detailing progress addressing the structured MDT design development process. Specifically, the project included approximately 3030 lineal feet of concrete sidewalk on one side and 3600 lineal feet of asphalt path on the other side to allow for safety enhancements and ADA accessible routes for pedestrians along the busy highway corridor.

Project Name City of Sidney TA
Client: City of Sidney
Client Contact: Jeff Hintz, Public Works
Location: Sidney, Montana
Project Duration: 2015-2016
Consulting Budget: $20,000

Project scope: TLI has successfully obtained a $800,000 Transportation Alternative Grant for the City of Sidney. The grant was used to construct a multi-use path for the City. This is a CTEP-funded project that consisted of improvements to 5th Street, East Park, and Hanson Park, and includes installing ADA ramps, and adding sidewalk where none currently exists. TLI's responsibilities for this project included design, construction oversight, contract administration, and surveying services for approximately 3,400 square feet of ADA compliant sidewalk. TLI worked closely with the City of Sidney and MDT's CTEP division to ensure a successful project. This project was completed through construction in 2016.

Project Name Ravalli County On-Call Engineering Services

Client: Ravalli County Road and Bridge Department
Client Contact: John Horat P.E., Road Administrator
Location: Hamilton, Ravalli County, MT
Project Duration: 2017- Current

Project scope:
TLI is providing contract engineering for the review for the various projects located in Ravalli County. Currently TLI is reviewing both the Mountain Parks Subdivision and the Misty Vale Dairy No 2 Subdivision. TLI review includes evaluating road and sewer design ensuring that plans meet project specifications. Both projects will include a post construction final review and inspection and an as-built review to determine any construction deficiencies.

Project Name Ravalli County On-Call Engineering Services

Client: Ravalli County Road and Bridge Department
Client Contact: John Horat P.E., Road Administrator, 406-363-2733
Location: Hamilton, Ravalli County, MT
Project Duration: 2015 – 2016

Project scope:
TLI provided contract engineering for the review for the Riverside Estates Subdivision located in Ravalli County. TLI reviewed street design and specifications in conformance with the Ravalli County regulations, subdivision conditions of approval, and AASHTO standards. TLI also reviewed grading plans, and stormwater hydrology calculations in conformance DEQ-8 stormwater regulations and the Ravalli County conditions of approval. TLI worked closely with the Road and Bridge Department to provide expedited review, offer comments on issues identified and provide narrative on compliance with applicable regulations, and developed itemized deficiency notices to ensure the applicant designs were completed in compliance with Ravalli County and State regulations. In addition, TLI provided a post construction site inspection and provided written comment on construction and submittal deficiencies. In the end, TLI was able to facilitate success and provide confirmation to the County the as-built certifications were in conformance with the approved plans and specifications.

Project Name Richland County Contract Services

Client: Richland County Commissioners
Client Contact: Shane Gorder, Richland County Commissioners Chair
Location: Richland County, Montana
Project Duration: 2017 - Current
Consulting Budget: TBD

Project scope: TLI is working with Richland County Commissioners to provide contract planning and engineering review services for the proposed Reed Subdivision. TLI's review consists of a preliminary review of the critical elements of the subdivision application and correspondence with the Richland County Planner and reviewing agencies. As the project continues to move forward, TLI is providing a detailed review of the subdivision application to ensure that the review process is in compliance with Richland County Subdivision Regulations and with State of Montana subdivision regulations. TLI will also be providing a detailed review of engineering components submitted within the subdivision application to Richland County.

Project Name: Derby Drive RSID Assessment and Planning

Client: Missoula County Public Works
Client Contact: Greg Robertson, P.E., Director
Location: Missoula, Missoula County, MT
Project Duration: July 2017 – Current

Project scope:
TLI is working with the Missoula County Public Works Department to develop a Rural Special Improvements District (RSID) for paving streets in a developed commercial/industrial area of Missoula County. Duties include assisting the County with identifying the optimal boundary for the RSID district; preliminary engineering for street geometry and typical paving sections; preparing an engineer's estimate for all infrastructure and administrative costs; and working with the County evaluate lot assessment options. TLI is also assisting the County with property information research including landowner and agency contacts.

Project Name: Gleneagle Subdivision RSID Assessment and Planning

Client: Missoula County Public Works
Client Contact: Greg Robertson, P.E., Director
Location: Missoula, Missoula County, MT
Project Duration: February 2013 – November 2014

Project scope:
TLI worked with the Missoula County Public Works Department to develop a Rural Special Improvements District (RSID) for a 97-lot platted subdivision. Duties included complete infrastructure assessment for existing bare-land development, while completing property information research, boundary survey and mapping, preliminary engineering designs and produced and itemized engineer's estimate for all potential infrastructure required for the development. Preliminary engineering designs with multiple options were provided for water distribution, gravity and force main sewer collection, road layout, storm sewer and detention facility layout. TLI also assisted County administrators with lot-owner coordination and RSID lot assessment calculations. In addition, coordination with multiple utility service providers (NorthWestern Energy, Mountain Water Company, City of Missoula Wastewater) and property owners was valuable to ensure accurate estimates and infrastructure needed to serve the RSID. The project is currently on hold pending County administrative processes.

Project Name: Butte Multi-Phased Vaulted Sidewalk Reconstruction

Client: City of Butte Urban Redevelopment Agency (URA)
Client Contact: Karen Byrnes, URA Director
Location: City of Butte, Butte-Silver Bow, MT
Project Duration: 2011 - Current

Project scope:
Butte URA contracted TLI to provide civil design plans, feasibility reports, contract administration, bidding assistance, contractor selection, construction oversight, and project certification for improvements to City of Butte's Uptown vaulted sidewalks. This multi-phase project consists of more than 20 locations of old and deteriorated sidewalks. TLI designed the 1,460 linear feet of curb and 18710 square feet of sidewalk utilizing Butte Silver-Bow standards and specifications. In addition, TLI's role as the project manager assured the project would be completed on budget and schedule by coordinating with the structural engineer, utility companies, and contractor. TLI is currently contracted by Butte URA to provide services for Phase 5 of this project.

Project Name: Missoula Water (formerly Mountain Water Company) – Water Distribution Projects

Client: Missoula Water (formerly Mountain Water Company)
Client Contact: Logan McInnis, P.E., Utility Engineer
Location: Missoula, Missoula County, MT
Project Dates: 2012 - Current

Project scope:
TLI has provided right-of-way and utility surveying, engineering design, agency permitting, bidding, contract administration, and construction inspection, and project certification with as-builts for multiple water main extension and replacement projects in the City of Missoula as part of the Missoula Water (formerly Mountain Water Company) public water distribution system. To minimize conflict, coordination and public outreach with adjacent landowners was often required. Coordination with local (City of Missoula), county (Missoula County), or state (Montana Department of Environmental Quality and Montana Department of Transportation) agencies is always required.

Project Name: Van Buren Street Curb and Sidewalk – Phases 1-3

Client: City of Missoula
Client Contact: Monte Sipe, Senior Construction Projects Coordinator
Location: City of Missoula, Missoula County, MT
Project Duration: 2010-Present

Project scope:
TLI responsibilities for this project included civil engineering design with boundary and topographic mapping survey services, and construction staking. This multi-phased project will result in pedestrian safety and consisted of replacing 43,000 square feet of sidewalk, 7,600 linear feet of curb, and improving storm drainage along 17 residential blocks of Van Buren Street. TLI coordinated with the City of Missoula to design the pedestrian and vehicular facilities within City of Missoula design standards. The designs required matching the existing road grade with new pedestrian facilities in areas of steep terrain. TLI provided on-call services during construction for any field design issues and/or changes.

Project Name: Ravalli County Fairgrounds CTEP Improvements

Client: Ravalli County Fairgrounds
Client Contact: Ran Pigman, Fairground Board Member
Location: City of Hamilton, Ravalli County, MT
Project Duration: April 2015 – September 2016

Project scope:
TLI provided civil services including engineering design, contract administration, construction inspection, and project certification with as-builts for the miscellaneous improvements at the Ravalli County Fairgrounds. The project was focused on ADA accessible routes around the site and entrances into the existing historical buildings. It included concrete sidewalk, permeable pavers, ADA ramps, handrail, landscaping and irrigation, with a new pavilion and ADA restroom outside of the main building facilities. The project used a partnership with the Trapper Creek Job Corps to provide inexpensive labor, while helping train future workers with the hands-on construction related experience that is invaluable. TLI's experience with the MDT CTEP funding process and previous work with Ravalli County Fairgrounds provided the support and expertise to accomplish the project on budget.

Project Name: MRA URD III Burlington / Garfield Sidewalk

Client: Missoula Redevelopment Agency (MRA)
Client Contact: Tod Gass, Project Coordinator (406-552-6159)
Location: City of Missoula, Missoula County, MT
Project Duration: 2015-2016

Project scope:
TLI was responsible for civil engineering design, public relations, easement acquisition negotiations, boundary and topographic mapping survey, creation of contract documents, bidding, construction administration, inspection, and certification. The project consisted of designing 3,700 linear feet of curb, 47,000 square feet of sidewalk, and drainage structures within 22 residential blocks within the URD III district. The dense residential and commercially developed area required constant communication with property owners about the right-of-way improvements, including public and individual meetings to ensure understanding of project scope with the owners. Due to limited right-of-way along certain properties, TLI negotiated with landowners to grant public sidewalk easements. The easements allowed the sidewalk improvements to meet City standards and improve pedestrian safety.

Project Name: URD II Western Curb & Sidewalk Project – Phases 1-4

Client: Missoula Redevelopment Agency (MRA)
Client Contact: Tod Gass, Project Coordinator (406-552-6195)
Location: City of Missoula, Missoula County, MT
Project Duration: 2011 - 2015

Project scope:
TLI was responsible for design development, public relations, boundary and topographic mapping survey, creation of contract documents, bidding, construction administration, inspection, and certification. TLI worked with MRA and City of Missoula Engineering to develop master phasing plans and estimates, in order to complete infrastructure goals over four construction seasons. TLI also coordinated with the Missoula Irrigation District, utility companies, and over a hundred adjacent property owners to identify design constraints. TLI designed 45,700 square feet of sidewalk, 7,400 linear feet of curb, and new infrastructure compatible with existing street features and utility constraints within 14 residential blocks. TLI designs created substantial cost-savings for the MRA, less maintenance costs, and reduced the need for change orders. Public relations were key as the project had multiple locations of private property encroaching within the right-of-way and many of the property owners were not aware of where the public right-of-way was located. TLI made plans readily accessible and detailed the encroachments with construction notices. By establishing the detailed right-of-way, TLI identified areas requiring additional easements to accommodate street improvements.

Project Name: Scott St. and Toole Ave Mini-Roundabout
Client: City of Missoula
Client Contact: Doug Harby, Construction Project Manager
Location: City of Missoula, Missoula County, MT
Project Duration: 2011-2013
Project scope: TLI's responsibilities for this project included mapping survey, civil engineering design, striping & signage design, construction staking, and construction oversight. This project consisted of improving the high-density and accident-prone intersection of Scott Street and Toole Avenue by adding a Mini-Roundabout. Improvements included approximately 1,600 linear feet of curb, 2,800 square feet of sidewalk, and 3,700 square yards of asphalt with traffic control devices. The design and construction of a mini-roundabout helped improve safety and reduced delay for critical movement, compared to other intersection alternatives.

Project Name: URD III Residential Curb & Sidewalk Project Phases 1-3
Client: Missoula Redevelopment Agency (MRA)
Client Contact: Tod Gass, Project Coordinator (406-552-6159)
Location: City of Missoula, Missoula County, MT
Project Duration: 2009 - 2011

Project scope:
TLI was responsible for design development, public relations, boundary and topographic mapping survey, contract documents with bidding, and construction administration. TLI also coordinated with the irrigation district, utility companies, and adjacent property owners to identify design constraints in an already fully developed areas of Missoula. TLI designed 115,000 square feet of sidewalk, 12,000 linear feet of curb, and new infrastructure compatible with existing street features and utility constraints within 26 residential blocks. Public relations were vital to this project, as over 700 owners and residents were greatly impacted. Some of the major issues involved personal property such as fences and landscaping encroaching within the right-of-way. TLI contacted over 700 people, hosted public meetings, small group meetings, and individual site visits to educate the affected residents and provide continuous support to MRA by resolving issues related to the project. TLI made plans readily accessible and detailed the encroachments with construction notices and was able to accommodate reasonable requests by area residents within budget and within existing time constraints.

Appendix

Resumes

Mark Bellon, P.E.

Mark has developed expertise in public-sector infrastructure projects from conceptual planning through design, permitting, and construction administration. He works with communities throughout the State of Montana to help assess their capital improvement needs and advise on opportunities and processes for securing funding. His Civil Engineering background is founded in project development, funding assessment, grant procurement, street design, trail design, grading design, street rehabilitation, sewer/water collection/distribution analysis and design, onsite water/sewer system design, and storm sewer design. He has successfully managed dozens of public-sector infrastructure projects representing millions of dollars of capital improvements. Mark is a team builder and works with the community he serves and understands the importance of public outreach for successful projects. He has extensive experience with the public-sector construction projects and construction administration. He is proficient in contract document preparation, contract administration, construction oversight, and project certification. Mark is a resourceful team leader that emphasizes efficiency and is committed to providing clients with individual, professional attention. Mark's responsibilities at Territorial-Landworks, Inc. include Board President, Chief Operating Officer, Senior Engineer, project management, design review, staff coordination, and oversight of general company operations.

Select Project Experience

Project Name: Mineral County CDBG
Client & Location: Mineral County, St. Regis, Montana
Project Duration: 2017-Current
Project Role(s): Point of Contact, Project Manager
Mark was the point of contact and supervisor for the CDBG funding procurement phase of the project for Mineral County. Mark attended all relevant meetings and completed the funding applications. Mark worked to ensure the project would successfully secure the funds needed for the design and construction of pedestrian and bicycle trails to increase the safety of the St. Regis community.

Project Name: Ravalli County On-Call Engineering Services
Client & Location: Ravalli County Road & Bridge Dept., Ravalli County, Montana
Project Duration: 2017-Current
Project Role(s): Point of Contact, Project Manager, Engineer of Record
Mark supervises and is the engineer of record for the Ravalli County Engineering services. He is currently completing the reviews for the Mountain Parks and Misty Vale Dairy Subdivisions. His reviews include street design and specifications, grading plans, stormwater hydrology calculations and a post construction site inspection. Mark helps to ensure conformance with the approved plans and specifications.

Project Name: Ravalli County On-Call Engineering Services
Client & Location: Ravalli County Road & Bridge Dept., Ravalli County, Montana
Project Duration: 2017-Current
Project Role(s): Point of Contact, Project Manager, Engineer of Record
Mark is supervising and is the engineer of record for the Ravalli County services. He is currently completing the reviews of the Mountain Parks and Misty Vale Dairy Subdivisions to ensure accuracy and identify any compliance deficiencies.

Project Name: Derby Drive RSID Assessment & Planning
Client & Location: Missoula County Public Works, Missoula, Montana
Project Duration: 2017-Current
Project Roles: Project Manager, Design Engineer
Mark is providing preliminary feasibility planning and providing engineer's estimates for the RSID area, while providing coordination with Missoula County.

Professional Registrations & Affiliations

Professional Engineer –
Montana License No. 11509PE
North Dakota License No. PE-7535

LEED Green Associate

American Society of Civil Engineers (ASCE)

President, Missoula Midtown Association

Areas of Proficiency

- Development of Project Scopes, Budgets & Schedules
- Construction Contract Development & Administration
- Construction Inspection & Documentation
- Construction Cost & Fee Estimating
- Streamside & Floodplain Permitting
- Onsite Water & Wastewater Treatment Systems Design & Oversight (for Individual, Multi-User, & Public Systems)
- Municipal Water & Wastewater Extensions & Replacements
- Commercial & Residential Grading & Drainage Planning
- Stormwater Planning & Design
- Public Outreach & Presentations
- Interpretations of Local, State, & Federal Regulations
- Hydrology & Hydraulic Modeling & Analysis Percolation Testing)
- Montana DEQ Opencut Mining Permitting
- Urban Streetscape Design for Pedestrian & Vehicular Facilities

Education

B.S. in Civil Engineering,
Montana State University,
Bozeman, MT, 1994

Awards

2017 Montana Contractors' Association: Affiliate of the Year

Mark Bellon, P.E. (continued)

Project Name: Billings Grand Avenue Water and Sewer Extensions
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2017-Current
Project Role(s): Principle in Charge
Mark supervises and is the engineer of record for the water and sewer main extension design and construction. In addition, Mark specifically communicates with the City of Billings personnel on progress related to schedules and budgets, from project design inception to construction completion.

Project Name: Billings Grand Avenue Water and Sewer Extensions
Client & Location: City of Billings, Billings, Montana
Project Duration: 2017-Current
Project Role(s): Principle in Charge
Mark supervised and was the engineer of record for the water and sewer main extension design and construction. In addition, Mark specifically communicated with the City of Billings personnel on progress related to schedules and budgets, from project design inception to construction completion.

Project Name: MDT HWY 135 Reconstruction & Trail Project
Client & Location: St Regis Resort District & Montana Department of Transportation, St. Regis, Montana
Project Duration: 2013-Current
Project Role(s): Point of Contact, Project Manager
Mark was the point of contact and supervisor for the project during the phase of obtaining the funding through MDT for the St. Regis Resort District. Mark attending meetings and provided support to the funding applications to ensure the project would have public support and funds needed for design and construction completion.

Project Name: Butte Multi-Phased Vaulted Sidewalk Reconstruction
Client & Location: City of Butte Urban Redevelopment Agency, Butte, Montana
Project Duration: 2011-Current
Project Role(s): Point of Contact, Project Manager
Mark supervises TLI staff and is the point of contact for all the phases. In addition, Mark specifically provides design oversight, public relations, and communication with Butte URA staff on progress related to schedules and budgets for all phases.

Project Name: Van Buren Street Curb & Sidewalk Phase 1-3
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2010-Current
Project Role(s): Project Manager, Engineer of Record (Phase 1-2)
Mark supervises, provides design oversight with quality control and plan checking, and was the engineer of record for the earlier phases of the project.

Project Name: Missoula Development Park, Phase 3-D, Lot 4, Multi-Phased Project
Client & Location: Turcasso/Harbinson , Missoula, Montana
Project Duration: 2005-Current
Project Role(s): Lead Engineer
Mark is lead engineer on a gravel-pit reclamation plan encompassing an 18-acre industrial lot located in the Missoula Development Park. Mark prepared design plans and specifications for mass grading; completed a hydraulic stormwater analysis and report for routing offsite and onsite storm water; assisted with SWPPP permitting and BMP implementation; assisted with DEQ open cut permitting compliance; and is providing construction oversight and certification for the reclamation plan.

Project Name: Ponderosa Heights Subdivision
Client & Location: Ponderosa Development LLC, Lolo, Montana
Project Duration: 2003-Current
Project Role(s): Design Engineer, Engineer of Record, Project Manager
Mark supervised, provided comprehensive engineering designs and planning, with contract administration and construction oversight through the completion of project certification and as-builts. In addition, Mark helped provide feasibility of future construction phases to determine cost-benefit of construction.

Project Name: 4th Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Principle in Charge, QA/QC Review
Mark provided quality assurance and quality control review of the construction plans to ensure they met Missoula Water, City of Missoula, and Montana Department of Environmental Quality standards.

Mark Bellon, P.E. (continued)

Project Name: Scott Street Water Main Extension
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Principle in Charge, QA/QC Review
Mark provided quality assurance and quality control review of the construction plans to ensure they met Missoula Water, City of Missoula, and Montana Department of Environmental Quality standards.

Project Name: Missoula International Airport Improvements
Client & Location: CH2M Hill, Missoula, Montana
Project Duration: 2017
Project Role(s): Point of Contact, Project Manager
Mark supervised, provided design oversight with quality control and plan checking, and was the point of contact for the construction of the water main and STEP main extensions at the Missoula International Airport.

Project Name: Canyon East Subdivision, Multi-Phased Project
Client & Location: Wesmont Builders, Missoula, Montana
Project Duration: 2002-2017
Project Role(s): Lead Engineer, Project Manager
Mark was the lead engineer and project manager on the 11-Phase 141-lot subdivision. Mark completed a hydraulic storm water analysis and report for routing offsite and onsite storm water; designed the stormwater system including catch basins, storm sewer collection network, and retention ponds; designed the streets, sanitary sewer main extensions, water distribution main extensions; and provided construction inspection and as-built certification for all the above improvements.

Project Name: Ponderosa Heights Subdivision
Client & Location: Ponderosa Development LLC, Lolo, Montana
Project Duration: 2003-2016
Project Role(s): Design Engineer, Engineer of Record, Project Manager
Mark supervised, provided comprehensive engineering designs and planning, with contract administration and construction oversight through the completion of project certification and as-builts. In addition, Mark helped provide feasibility of future construction phases to determine cost-benefit of construction.

Project Name: Billings Grand Avenue Construction Inspection
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2016
Project Role(s): Project Manager
Mark supervised and provided general oversight of the project due to personnel in Billings and Missoula being involved with the project. In addition, Mark specifically communicated with the subcontractors and TLI personnel to ensure progress and remedy any construction issues with HDR.

Project Name: Mondak Corner - Transloading Facility McKenzie Co ND
Client & Location: Northstar Development, Fairview, Montana
Project Duration: 2012-2016
Project Role(s): Lead Engineer, Project Manager
Mark was the lead engineer and project manager working with Northstar Development on a new 430-Acre truck/rail transloading facility. Mark helped secure subdivision and zoning approvals for the industrial project. He served as the program manager for the extensive team of engineers and sub consultants involved with the project. He managed survey operations including topo mapping, boundary surveys, ALTA surveys and construction staking. He was responsible for the designs/permitting for county road improvements, stormwater facilities, irrigation canal upgrades, and onsite sewer/water improvements required for the development.

Project Name: St. Regis Sanitary Sewer Lift Station Upgrade
Client & Location: St. Regis Sewer District, St. Regis, Montana
Project Duration: 2013-2015
Project Role(s): Principle in Charge
Mark was the engineer of record and provided design engineering and oversight throughout the feasibility and plan development phases. In addition, Mark was the point of contact and would communicate with the St. Regis Sewer District Board as needed to provide updates to schedule and budgets. Also, communication with sub-consultants to ensure compatibility between existing and proposed components.

Mark Bellon, P.E. (continued)

Project Name: URD II Western Curb & Sidewalk Project Phases 1-4
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2011-2015
Project Role(s): Point of Contact, Project Manager, Engineer of Record
Mark supervised and was the engineer of record for all the phases of the URD II project. In addition, Mark specifically provided design oversight, public relations, and communicated with MRA staff on progress related to schedules and budgets for all phases.

Project Name: Montana Department of Transportation (MDT) Rest Area
Client & Location: Jackson Contractor Group, Montana
Project Duration: 2014
Project Role(s): Project Manager
TLI was the Civil Engineering consultant for a multi-disciplined team for the design of a Montana Department of Transportation (MDT) rest area improvement project. TLI provided civil engineering design services, surveying, permitting, construction staking and project certification. Mark ensured the project stayed on budget and met requisite timelines, developed a quality management plan, conducted weekly meetings with the multi-disciplined team and maintained a project flow chart. Mark supervised, provided design oversight with quality control and plan checking, and was the engineer of record for the earlier phases of the project.

Project Name: URD II Cedar St. Triangle Public Improvements
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2013-2014
Project Role(s): Project Manager, Engineer of Record
Mark supervised and provided design oversight with quality control for the stamped construction plans during the design process.

Project Name: Gleneagle Subdivision RSID Assessment & Planning
Client & Location: Missoula County Public Works, Missoula, Montana
Project Duration: 2013-2014
Project Roles: Project Manager, Design Engineer
Mark provided preliminary engineering design options and planning, with feasibility planning and providing engineer's estimates for the entire subdivision RSID. In addition, Mark was the primary contact who coordinated with Missoula County, all utility providers, and landowners for the creation of the RSID and general public outreach.

Project Name: Silver Park Phase III & IV
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2009-2014
Project Role(s): Principle In Charge, Point of Contact
Mark supervised the civil engineering services and coordination of electrical, irrigation, mechanical, landscaping, environmental, and architectural design services for the Silver Park development. Phase III included asphalt trail design, a pedestrian bridge, lighting, irrigation, and landscaping. Phase IV included a 14.5-acre park with decomposed granite trails, pavilions, restroom, parking lot, irrigation, and landscaping. Mark provided oversight and was point of contact for public relations, due to the size, nature, and uniqueness of the project.

Project Name: Scott St. and Toole Mini-Roundabout
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2011-2013
Project Role(s): Project Manager, Engineer of Record
Mark supervised and was the engineer of record for engineering design and construction of the roundabout. In addition, Mark specifically provided design, construction modifications, and on-site field engineering.

Project Name: URD III Residential Curb & Sidewalk Project Phases 1-3
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2009-2011
Project Role(s): Design Engineer, Project Manager, Engineer of Record
Mark supervised, provided design oversight with quality control, and was the engineer of record for all the phases of the URD III project. In addition, Mark specifically provided public relations and communicated with MRA staff on progress related to schedules and budgets for all phases.

Matt Jacobson, P.L.S.

Matt has over 27 years of experience in land surveying for government and private projects. Matt has excellent Project Management skills and will be responsible for survey quality control, survey crew management, preliminary staking and final construction "as-builts". Matt has been with Territorial-Landworks, Inc. since November 2007, and became an associate in July 2008. As a Professional Land Surveyor, Matt has experience with various surveys including boundary relocations, retracements, family transfers, subdivision plats, ALTA's, LOMA's, topographic surveys and site maps, along with various legal descriptions and easement preparation. Matt has been a proficient field Survey Party Chief since 2000, and has developed expertise with Topcon, Geodimeter, and Trimble GPS, as well as software such as Terramodel, TDS, TGO, and Star*Net. Matt currently oversees all survey staff and survey operations for the company.

Select Project Experience

Project Name: Billings Grand Avenue Water and Sewer Extensions
Client & Location: City of Billings, Billings, Montana
Project Duration: 2017-Current
Project Role(s): Lead Land Surveyor
Matt was responsible for the oversight of the topographic and control survey for the project site. Construction began in the Spring of 2018 in which Matt is responsible for overseeing the construction staking for the water and sewer mains as well as the road improvements to Grand Avenue.

Project Name: JYB Ranch, Beaverhead County, Montana
Client & Location: JYB Ranch, Beaverhead County, Montana
Project Duration: 2015-Current
Project Role(s): Lead Land Surveyor
TLI provided a large-scale ALTA/ACSM title survey of a 2,937-acre ranch. The project included recovery, re-monumentation and/or perpetuation of over 50 government boundary (PLSS) corners and preparation of 17 Certified Corner Recordation Forms. Establishing subject property boundary involved retracing one complete regular section, two complete fractional sections and portions of another three fractional sections. The project was adjacent to a standard parallel and divided by a range line with double corners due to a Historic General Land Office retracement survey, making the boundary fairly complex. TLI is completing ongoing survey work on the property as requested.

Project Name: MDT HWY 135 Reconstruction & Trail Project
Client & Location: St Regis Resort District & Montana Department of Transportation, St. Regis, Montana
Project Duration: 2013-Current
Project Role(s): Surveyor of Record
Matt oversees the surveying throughout the life of the project, including initial research, preparation of worksheets and information for field crews, processing/reduction of field data, boundary calculations, and QC/QA of survey data and/or exhibits.

Project Name: Missoula Water - Water Main Distribution Projects
Client & Location: Missoula Water (formerly MWC), Missoula, MT
Project Duration: 2012-Current
Project Role(s): Lead Land Surveyor
Matt is responsible for the oversight of the topographic and control surveys for each specific project site. During construction, Matt coordinates with the Contractor and oversees the construction staking for the proposed water main improvements projects. Matt oversaw and coordinated all initial survey mapping and the construction staking for the Fiscal Year 2018 projects granted to TLI by the City of Missoula (4th Street Water Main, Scott Street Water Main, Broadway & Orange Water Main, and Howell Street Water Main).

Professional Registrations & Affiliations

Professional Land Surveyor –
Montana License No. 13748LS
North Dakota License No. LS-7810
Idaho License No. 17203LS

Member of Montana Association of Registered Land Surveyors (MARLS)

Member of North Dakota Society of Professional Land Surveyors (NDSPLS)

Areas of Proficiency

- ALTA/NSPS Surveys
- Construction Surveying - Staking & As-builts
- Control Surveys - Geodetic, Lidar & Photogrammetric
- DOT Surveys
- Floodplain - Elevation Certificates & LOMAs
- Highway & Road R/W Surveys
- Pipeline, Pad and Oil & Gas Surveys
- Streamside & Floodplain Permitting
- Trimble GNSS & Conventional Survey Field Equipment and Office Software
- Utility & Cell Tower Site Surveys

Specialized Experience

- Boundary Surveys & Retracements
- Cadastral/PLSS Surveys
- Easement & Right-of-Way Exhibits & Acquisition
- Interpretation of Local, State, & Federal Regulations
- Montana Subdivision & Platting Act & Surveying Laws/ Regulations
- Research of Public Records

Education

B.S. in Land Surveying
Oregon Institute of Technology
Klamath Falls, OR, 1995

A.A.S. in Land Surveying
Flathead Valley Community College
Kalispell, MT, 1991

Matt Jacobson, P.L.S. (continued)

Project Name: Van Buren Street Curb & Sidewalk Phase 1-3
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2010-Current
Project Role(s): Lead Land Surveyor
Matt provides oversight of the topographic and control survey for all continuing phases of the Van Buren project. The initial survey phases included conducting research of public records for potential encumbrances or conflicts. Additionally, Matt is involved in the construction phase of the project by providing coordination with the Contractor for construction staking for all infrastructure.

Project Name: Frenchtown Mill Site LiDAR Mapping
Client & Location: Newfields, Frenchtown, Montana
Project Duration: 2017-2018
Project Role(s): Lead Land Surveyor
TLI provided Land Surveying support to Flight Evolved for the LiDAR flights of the project site. Services included layout of the target and control for the LiDAR flights, providing control data and confidence points to Flight Evolved, independent field verification of the surface and point cloud and limited topographic ties to culverts along the project berm. Matt provided oversight of all surveying related activities for control and topographic surveying.

Project Name: Hesper Road LiDAR Survey Control
Client & Location: HDR, Billings, Montana
Project Duration: 2017-2018
Project Role(s): Lead Land Surveyor
TLI provided LiDAR control surveying services for a small site off of Hesper Road in Billings, Montana. Services included setting control targets, base points and culvert ties for Flight Evolved. Matt oversaw and provided quality control on the GPS control ties and control placement in the field, and oversaw the analysis and reports for the LiDAR verification and certification.

Project Name: Montana Department of Corrections Water Main Design
Client & Location: Montana Department of Corrections, Deer Lodge, Montana
Project Duration: 2014-2018
Project Role(s): Lead Land Surveyor
Matt was responsible for the oversight of the topographic and control surveys for each specific project site. During construction, Matt coordinated with the Contractor and completed the construction staking for the proposed water main improvements projects.

Project Name: Landfill Drop-Off Facility LiDAR Control
Client & Location: HDR, Billings, Montana
Project Duration: 2017
Project Role(s): Lead Land Surveyor
TLI provided LiDAR control surveying services for the landfill project. Services included setting control for Flight Evolved, and future topographic and construction surveying, and field verification to confirm LiDAR data. Matt oversaw and provided Quality Control for the control placement and incoming field data and oversaw the analysis and verification of field data.

Project Name: Missoula International Airport Improvements
Client & Location: CH2M Hill, Missoula, Montana
Project Duration: 2017
Project Role(s): Lead Land Surveyor
Matt was responsible for the oversight of the topographic and control surveys for each specific project site. During construction, Matt coordinated with the Contractor and oversaw the construction staking for the proposed water main improvements projects.

Project Name: Huntley ALTA/ASCM Title Survey
Client & Location: Confidential, Huntley, Montana
Project Duration: 2015-2017
Project Role(s): Lead Land Surveyor
TLI provided an ALTA/ACSM title survey of an approx. 11.5 acre grain load-out facility adjacent to an active railway near Huntley, Montana, along with an adjacent 56 acre property which was to be acquired through a post-survey transaction. Matt oversaw mapping of the existing site and adjacent property sufficiently for a future site design, along with other features as required by the scope of work. Upon completion of our initial work order, a boundary line relocation was commissioned in order to exchange land within an adjacent parcel.

Matt Jacobson, P.L.S. (continued)

Project Name: onXmaps Building Expansion
Client & Location: onXmaps, Missoula, Montana
Project Duration: 2016-2017
Project Role(s): Lead Land Surveyor
The project consisted of an expansion of an existing building onto an adjacent lot and expanding the water main on Kensington Avenue to meet demand. TLI services included civil design and permitting, survey mapping and construction staking for water main expansion. Matt was responsible for the oversight of the mapping and control survey and construction staking for the project site.

Project Name: Midland Road
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2017
Project Role(s): Lead Land Surveyor
Matt was responsible for the oversight of togographic and control surveys for the reconstruction of approximately 1 mile of Midland Road within the City of Billings. The project is currently in construction.

Project Name: City of Sidney TA
Client & Location: City of Sidney, Sidney, MT
Project Duration: 2015-2016
Project Role(s): Surveyor of Record
Matt oversaw all data related to field observations, results of field survey documentation for mapping and construction staking and all professional surveying decisions related to the project to ensure all work was performed in accordance with project and state standards. Additionally, Matt completed extensive right-of-way research for the project.

Project Name: MRA URD III Burlington / Garfield Sidewalk
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2015-2016
Project Role(s): Lead Land Surveyor
Matt provided land research of public records and oversight of the topographic and control survey for the URD III project. Matt was also involved during construction by providing construction staking and coordination with the Contractor for required improvements.

Client & Location: Five Valleys Land Trust, Missoula, Montana
Project Duration: 2013-2016
Project Role(s): Lead Land Surveyor
TLI completed boundary surveying and monumentation to complete an aggregation of parcels and relocation of boundaries on approximately 140 acres, working with Missoula City and County officials, Five Valleys Land Trust and a private family to bring 90 acres of the property into the city's network of open-space land for future use and addition to the Pattee Canyon pedestrian trail. The trail was officially opened to the public in 2018.

Project Name: Pattee Canyon Boundary Line Relocation
Project Name: URD II Western Curb & Sidewalk Project Phases 1-4
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2011-2015
Project Role(s): Lead Land Surveyor
Matt was responsible for land records research, with oversight of the topographic and control survey for all phases of the URD II Western Curb & Sidewalk projects. During construction, Matt provided construction staking by coordinating with the Contractor for all improvements.

Project Name: Silver Park Phase III & IV
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2009-2014
Project Role(s): Lead Land Surveyor
TLI provided civil engineering services and coordination of electrical, irrigation, mechanical, landscaping, environmental, and architectural design services for the Silver Park development. Phase III included asphalt trail design, a pedestrian bridge, lighting, irrigation, and landscaping. Phase IV included a 14.5-acre park with decomposed granite trails, pavilions, restroom, parking lot, irrigation, and landscaping. The project team, including TLI, was awarded the "2013 Region 8 Civil Engineering Award for the Project of the Year less than $10 Million" by the American Society of Civil Engineers. Matt provided oversight of all surveying related activities for design mapping and construction surveying.

Matt Jacobson, P.L.S. (continued)

Project Name: Watson Children's Shelter and Peak Health & Wellness
Client & Location: Watson Children's Shelter/Peak Health & Wellness, Missoula, Montana
Project Duration: 2008-2010
Project Role(s): Lead Land Surveyor
TLI's work on the project consisted of completing water and sewer designs and grading and drainage design for the project site. The designs presented with challenges as the existing site was previously used as a gravel pit and had some areas of very steep slopes in addition to severe restrictions through Missoula County regarding development of water and sewer in the area. Matt oversaw the survey mapping of the existing site for design, along with other features as required by the scope of work.

Kolten Knatterud, P.E.

Kolten is the branch manager for our office in Billings, MT. He has an extensive background in construction, water, sewer, drainage, grading, subdivisions, and residential and commercial site design. As the main point of contact in the Billings region, Kolten coordinates to assure that desired project goals are attained and deliverables are provided in a timely manner for all projects. He manages both staff and company resources on each of his projects. Kolten additionally supports construction activities through staking coordination and site inspections of roadway construction and water and sewer treatment/distribution system installations, submits permitting requests for approaches, Storm Water Pollution Prevention Plans and Open Cut Gravel Permits.

Select Project Experience

Project Name: Billings Grand Avenue Water and Sewer Extensions
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2017-Current
Project Role(s): Point of Contact, Design Engineer
Kolten is responsible for resource allocation, quality assurance and control of the design and specifications of the water and sewer main extensions. Kolten provides oversight and quality control on contract documentation preparation, administration, and construction inspections.

Project Name: Twin Creeks Subdivision
Client & Location: Twin Creeks LLC and Missoula Federal Credit Union, Stevensville, Montana
Project Duration: 2009-Current
Project Role(s): Contract Administrator, Construction Inspector
Kolten was responsible for contract administration and construction inspections to ensure the construction was in conformance with the designed plans.

Project Name: Billings Grand Ave Construction Inspection
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2016
Project Role(s): Point of Contact, Project Manager
Kolten was responsible for oversight of personnel within Billings and provided the experience with construction issues and communication with contractor, HDR, and City of Billings personnel on-site.

Project Name: Bretz RV & Marine Dealership
Client & Location: Bretz RV, Lockwood, Montana
Project Duration: 2015-2016
Project Role(s): Point of Contact, Project Manager
Kolten was responsible for oversight of personnel in Billings and provided the site design and permitting services for all civil improvements including utilities, streets, parking and stormwater facilities.

Project Name: American Family Restaurant (Geyser Park)
Client & Location: Dave Hawkins, Billings, Montana
Project Duration: 2015-2016
Project Role(s): Point of Contact, Project Manager
Kolten was responsible for project management of the redevelopment of the Geyser Park Family Fun Center into the American Family Restaurant. Kolten coordinated the site evaluation, infiltration testing, survey, design, and City permitting. The project involved stormwater, parking, and landscape design.

Professional Registrations & Affiliations

Professional Engineering –
Montana License No. 38396
North Dakota License No. PE-10895

Areas of Proficiency

- Construction Administration & Inspection
- On-Site Water & Wastewater Treatment Systems Design & Oversight (for Individual, Multi-User, & Public Systems)
- Development of Project Scopes, Budgets, & Schedules
- Stormwater Planning & Design

Education

B.A. in Civil Engineering
Carroll College
Helena, MT

Cory Davis, P.E.

Cory came to TLI in 2009 with a background in construction engineering as he had previously worked for a General Contractor. Cory has utilized that background by being an inspector on various projects including shared use asphalt paths, curb and sidewalk construction, and water main construction. Cory has used his inspection history to now transition into the project design role for these types of projects. Over the past years, Cory has developed an extensive history in the design of shared paths, curb and sidewalk projects, and water main replacements/extensions. Cory also has quality experience in contract administration as he has put together the majority of contract documents for the projects he has designed and also performs the administration on them. Finally, Cory has also been heavily involved in the DEQ application process concerning on-site sewer systems.

Select Project Experience

Project Name: Derby Drive RSID Assessment & Planning
Client & Location: Missoula County Public Works, Missoula, Montana
Project Duration: 2017-Current
Project Roles: Design Engineer
Cory provided preliminary feasibility planning and providing engineer's estimates for the RSID area, while providing coordination with Missoula County.

Project Name: Billings Grand Avenue Water and Sewer Extensions
Client & Location: City of Billings, Billings, Montana
Project Duration: 2017-Current
Project Role(s): Design Engineer
Cory was responsible for the quality assurance and control of the design and specification for the water and sewer main extensions. Cory provided the oversight and quality control of the construction documents preparation. Once the project goes out for bid in Spring 2018, Cory will oversee the bidding and then administration and construction inspections.

Project Name: MDT HWY 135 Reconstruction & Trail Project
Client & Location: St Regis Resort District & Montana Department of Transportation, St. Regis, Montana
Project Duration: 2013-Current
Project Role(s): Engineer of Record, Project Manager, Design Engineer
Cory was the engineer of record for the design development of the construction plans for the Highway 135 path under the earlier obtained MDT TA funding. As part of the design process, Cory coordinated with sub-consultants for development of construction plans within MDT standards and followed their specific process of progress updates with reports, meetings, and walkthroughs.

Project Name: Missoula Water - Water Main Distribution Projects
Client & Location: Missoula Water, Missoula, Montana
Project Duration: 2012-Current
Project Role(s): Design Engineer, Engineer of Record, Contract Administrator, Construction Inspector
Cory has served the many roles associated with the water main distribution system. As the primary engineer of record and design engineer, he is responsible for design oversight and communication with Missoula Water throughout the design and construction process. During construction, Cory provided contract administration, construction inspection and oversight, and project certification with as-builts for all phases.

Professional Registrations & Affiliations

Professional Engineer –
Montana License No. 39004

Areas of Proficiency

- Development of Project Scopes, Budgets & Schedules
- Stormwater Planning & Design
- Montana DEQ Certification of Subdivision Approval Application Permitting
- Non-Degradation Determination & Calculations for On-Site Sewer Availability & Feasibility
- Streamside & Floodplain Permitting
- Construction Contract Development & Administration
- Construction Cost & Fee Estimating
- Municipal Water & Wastewater Extensions & Replacements
- Commercial & Residential Grading & Drainage Planning
- Montana DEQ Opencut Mining Permitting
- Urban Streetscape Design for Pedestrian & Vehicular Facilities

Education

B.S. in Civil Engineering,
University of Montana – Tech
Butte, MT, 2008

Cory Davis, P.E. (continued)

Project Name: Butte Multi-Phased Vaulted Sidewalk Reconstruction
Client & Location: City of Butte Urban Redevelopment Agency, Butte, Montana
Project Duration: 2011-Current
Project Role(s): Design Engineer, Point of Contact, Contract Administrator, Construction Inspector
In the design process, Cory coordinated with the structural engineer, utility companies, agencies, and contractor. During construction, Cory provided contract administration, construction inspection and oversight, and project certification with as-builts for all phases.

Project Name: Van Buren Street Curb & Sidewalk Phase 1-3
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2010-Current
Project Role(s): Design Engineer (Phase 2-3), Project Manager (Phase 3), Engineer of Record (Phase 3)
Cory was the primary design engineer for all three phases with responsibility of communication with the City of Missoula on design considerations for the road re-design within existing condition constraints. In addition, Cory served as the Engineer of Record for the stamped plans on Phase 3. Cory was available to provide on-call services during construction and provide design support to the City of Missoula.

Project Name: Broadway & Orange Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Project Manager, Engineer of Record
Cory was the engineer of record and quality assurance and quality control over the engineering designs. He spearheaded the effort to expediate the permitting through MDT as this was considered emergency work in their right-of-way. He was also responsible for oversight and communication with Missoula Water and other agencies throughout the design and construction process. Cory was responsible for providing stamped certifications to the Montana Department of Environmental Quality.

Project Name: Scott Street Water Main Extension
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Project Manager, Engineer of Record
As the project manager, Cory was the engineer of record and quality assurance and quality control over the engineering designs. He is responsible for oversight and communication with the City of Missoula and the environmental consultant to ensure work was in accordance with the environmental cleanup considerations for the site. Additionally, he coordinated with Missoula Water and other agencies throughout the design and construction process. Cory was responsible for providing stamped certifications to MT DEQ.

Project Name: 4th Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Project Manager, Engineer of Record
Cory was the engineer of record and quality assurance and quality control over the engineering designs. He is responsible for oversight and communication with Missoula Water to develop a plan for the new water main replacement projects in developed areas and how to plan for water services swaps. This includes coordination with other agencies (City of Missoula and MDT) throughout the design and construction process. Cory was responsible for providing stamped certifications to the Montana Department of Environmental Quality.

Project Name: Howell Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Project Manager, Engineer of Record
Cory was the engineer of record and quality assurance and quality control over the engineering designs. He is responsible for oversight and communication with Missoula Water and other agencies throughout the design and construction process. Cory was responsible for providing stamped certifications to the Montana Department of Environmental Quality.

Cory Davis, P.E. (continued)

Project Name: Orange Street Water Main Replacement
Client & Location: Missoula Water, Missoula, Montana
Project Duration: 2017
Project Role(s): Project Manager, Engineer of Record, Contract Administrator, Construction Inspector
Cory served as Project Manager and Engineer of Record for the water main replacement project. Cory was responsible for coordination between Missoula Water and MDT in regard to the main design and project approval between all agencies prior to releasing the project for construction. During construction of the main, Cory coordinated TLI's staffing needs and provided real time updates to the Client. When construction was finalized, Cory provides the project certification on the main replacement once the project was complete.

Project Name: City of Sidney TA
Client & Location: City of Sidney, Sidney, MT
Project Duration: 2015-2016
Project Role(s): Project Manager, Engineer of Record
Cory oversaw the design of plans, provided plan set quality control, quantities and cost estimating, and the permitting with the CTEP funding process. In addition to coordinating with Client and City Agencies, Cory oversaw contract documentation preparation, administration, construction inspection and oversight, and project certification with as-builts.

Project Name: Ravalli County Fairgrounds CTEP Improvements
Client & Location: Ravalli County Fairgrounds, Hamilton, Montana
Project Duration: 2015-2016
Project Role(s): Design Engineer, Contract Administrator, Point of Contact
Cory was the design engineer with the additional responsibility of communication with MDT and the Ravalli County Fairgrounds for progress related to budget and timeframes. During construction, Cory met regularly with the client while providing contract administration, and construction oversight.

Project Name: URD III Burlington / Garfield Sidewalk
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2015-2016
Project Role(s): Project Manager, Engineer of Record, Design Engineer, Public Relations, Inspector
Cory was the project manager and design engineer with the responsibility of delivering stamped construction plans for approval and the coordination of the plans with MRA and the City of Missoula. Additional responsibility included public relations for homeowners and business owners throughout the design process. During construction, Cory assisted with contract administration, construction inspection and oversight, and project certification for all phases.

Project Name: Futura Trailer Park Sewer Main Extension
Client & Location: Futura Trailer Park, Missoula, Montana
Project Duration: 2012-2016
Project Role(s): Project Manager, Agency Contact
Cory was the project manager with the responsibility of coordinating construction oversight and contact with agencies and the contractor. During design and construction, Cory regularly discussed the project with the client to provide additional support and ensuring timeframes were met as set by the agencies. Cory provided certification to the completed construction and as-built plans.

Project Name: 23rd Street Curb & Sidewalk
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2014-2015
Project Role(s): Design Engineer, Project Manager
Cory was the design engineer with responsibility of coordination with the City of Missoula and MDT on design considerations and the permitting process. Cory was available to provide on-call services during construction to field adjust designs as needed.

Project Name: URD II Western Curb & Sidewalk Project Phases 1-4
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2011-2015
Project Role(s): Design Engineer, Engineer of Record (Phase 4), Contract Administrator, Construction Inspector
Cory was the design engineer with responsibility of public relations for homeowners and business owners throughout the design process. During construction, Cory provided contract administration, construction inspection and oversight, and project certification for all phases.

Cory Davis, P.E. (continued)

Project Name: Scott Street Water Main Replacements
Client & Location: Mountain Water Company, Missoula, Montana
Project Duration: 2015
Project Role(s): Project Manager, Engineer of Record, Contract Administrator, Construction Inspector
Cory served as Project Manager and Engineer of Record for the water main replacement. Cory was responsible for design and oversight and communication with Mountain Water throughout all phases of the design and construction process. During construction, Cory provided contract administration including bidding, construction inspection and oversight and management of TLI resources. Upon project certification, Cory provided the as-built and certification packet to Mountain Water Company and MDEQ.

Project Name: Gleneagle Subdivision RSID Assessment & Planning
Client & Location: Missoula County Public Works, Missoula, Montana
Project Duration: 2013-2014
Project Roles: Construction Inspector
Cory provided construction inspections and administration on the newly installed gravity and force main sanitary sewer to serve the subdivision.

Project Name: Silver Park Phase III & IV
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2009-2014
Project Role(s): Project Manager, Design Engineer
Cory was the design engineer responsible for trail design and coordination with sub-consultants. In addition, Cory provided contract administration, construction inspection, and certification documents to state and local agencies.

Project Name: URD II Cedar St. Triangle Public Improvements
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2013-2014
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
Cory was the design engineer for the civil construction plans with responsibility of curb and sidewalk design and integration of sub-consultants designs into the streetscape work. In addition, Cory provided public relations to property and business owners, and communicated with MRA staff on progress related to schedules and budgets. During construction, Cory provided bidding assistance, contract administration, construction inspection and oversight, and project certification.

Project Name: Silver Park Phase III - CTEP
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2011-2012
Project Role(s): Design Engineer, Contract Administrator, Inspector
Design of Phase III of the Silver Park project for the Missoula Development Agency (MRA). Phase III of the project consisted of completion of asphalt trail, pedestrian bridge, landscaping, irrigation, and lighting system. Cory's role on this project was design of trail, overall grading of the park, contract administration, and construction oversight.

Project Name: URD III Residential Curb & Sidewalk Project Phases 1-3
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2009-2011
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
Cory was the design engineer with responsibility of public relations for property owners within the project area throughout the design process. During construction, Cory provided bidding assistance, contract administration, construction inspection and oversight, and project certification for all phases.

Andrew Mill, E.I.

Andrew came to TLI in 2012 with a background in construction surveying and engineering design from internships and experience working on a survey crew. Andrew has experience in engineering design including grading and drainage, DEQ reports and submittals, water and sewer main extensions, and curb and sidewalk construction. As part of these engineering design projects, Andrew has also gained extensive experience in construction inspection and administration on public and private projects for commercial and residential sites, curb and sidewalk, water and sewer mains, and shared-use paths.

Select Project Experience

Project Name: Billings Grand Avenue Water and Sewer Extensions
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2017-Current
Project Role(s): Design Engineer
Andrew was responsible for the design and specifications of the water and sewer main extensions, prepared permitting documents for the City of Billings and DEQ to receive approval for the installation. In addition, Andrew provided contract documentation preparation, administration, and construction oversight.

Project Name: MDT HWY 135 Reconstruction & Trail Project
Client & Location: St Regis Resort District & Montana Department of Transportation, St. Regis, Montana
Project Duration: 2013-Current
Project Role(s): Design Engineer
Andrew was responsible for the ensuring MDT progress updates were met with detailed reports and meeting minutes during design development. This included permitting and environmental processes within standard MDT project requirements.

Project Name: Missoula Water (formerly Mountain Water Company) - Water Main Distribution Projects
Client & Location: Missoula Water, Missoula, Montana
Project Duration: 2012-Current
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
As a design engineer, Andrew is responsible for design oversight, coordination with Missoula Water throughout the design and construction process. During construction, Andrew provided contract administration, construction inspection and oversight, and project certification with as-builts for all phases.

Project Name: 4th Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
As a design engineer, Andrew is responsible for design oversight, agency permitting, and coordination with Missoula Water throughout the design and construction phases. During construction, Andrew provided contract administration, construction inspection and documentation, oversight of other construction inspectors, and project certification with as-builts.

Project Name: Scott Street Water Main Extension
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
As a design engineer, Andrew is responsible for design oversight, agency permitting, and coordination with Missoula Water throughout the design and construction phases. During construction, Andrew provided contract administration, construction inspection and documentation, oversight of other construction inspectors, and project certification with as-builts.

Professional Registrations & Affiliations

Engineer In-Training –
Montana Certificate No. 26735

Areas of Proficiency

- MDEQ Applications & Submittals
- Stormwater Calculations
- Construction Inspection & Documentation
- Contract Administration
- Floodplain Applications
- Water & Sewer Main Extensions & Replacements

Education

B.S. in Civil Engineering
Montana Tech of the University of Montana
Butte, MT

Andrew Mill, E.I. (continued)

Project Name: Broadway & Orange Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
As a design engineer, Andrew is responsible for engineering design, permitting, and construction oversight. During construction, Andrew provided construction inspection and documentation, contract administration, and project certification with as-builts.

Project Name: Howell Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
As a design engineer, Andrew is responsible for design oversight, agency permitting, and coordination with Missoula Water throughout the design and construction phases. During construction, Andrew provided contract administration, construction inspection and documentation, oversight of other construction inspectors.

Project Name: Orange Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
Andrew was responsible for all the construction inspections and documentation for the water main replacement. Additionally, Andrew was responsible for coordinating with the Contract was well as Mountain Water field staff. Andrew completed detailed as-built notes and compiled the as-built plans and certification packets for the project.

Project Name: Orange Street Water Main Replacement
Client & Location: Missoula Water, Missoula, Montana
Project Duration: 2017
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
Andrew was responsible for all the construction inspections and documentation for the water main replacement. Andrew was responsible for coordinating with the Contract was well as Mountain Water field staff. Andrew completed detailed as-built notes and compiled the as-built plans and certification packets for the project.

Project Name: Billings Grand Ave Construction Inspection
Client & Location: HDR, City of Billings, Billings, Montana
Project Duration: 2016
Project Role(s): Construction Inspector Supervisor
Andrew was responsible for oversight of the construction inspector and writing the detailed weekly construction summary reports to provide progress updates to HDR and the City of Billings.

Project Name: Ravalli County Fairgrounds CTEP Improvements
Client & Location: Ravalli County Fairgrounds, Hamilton, Montana
Project Duration: 2015-2016
Project Role(s): Design Engineer, Contract Administrator, Point of Contact
Cory was the design engineer with the additional responsibility of communication with MDT and the Ravalli County Fairgrounds for progress related to budget and timeframes. During construction, Cory met regularly with the client while providing contract administration, and construction oversight.

Project Name: MRA URD III Burlington / Garfield Sidewalk
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2015-2016
Project Role(s): Staff Engineer, Contract Administrator, Construction Inspector
Andrew was responsible for the design oversight and quality control, preparation of contract documents, facilitated bidding, and provided construction inspection with contract administration. In addition, Andrew drafted as-built construction plans with detailed changes from field notes and construction inspection documentation.

Andrew Mill, E.I. (continued)

Project Name: Scott Street Water Main Replacements
Client & Location: Mountain Water Company, Missoula, Montana
Project Duration: 2015
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector Andrew was a design engineer who was responsible for the completion of the MDEQ packet and assisted with the plan creation. During construction, Andrew was responsible for the bidding, contract administration, coordination with the materials testing, construction inspection and oversight. Upon construction completion, Andrew was responsible for the certification packets and as-built plans that were submitted to Mountain Water Company and MDEQ.

Project Name: 23rd Street Curb & Sidewalk
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2014-2015
Project Role(s): Staff Engineer
Andrew was responsible for the quality control and plan checking throughout the design process, and prepared permitting documentation for the City of Missoula and MDT.

Project Name: Hilda Street Water Main Replacement
Client & Location: Mountain Water Company, Missoula, Montana
Project Duration: 2014
Project Role(s): Design Engineer, Contract Administrator, Construction Inspector
Andrew was a design engineer who was responsible for the completion of the MDEQ packet and assisted with the plan creation. During construction, Andrew was responsible for the bidding, contract administration, coordination with the materials testing, construction inspection and oversight. Upon construction completion, Andrew was responsible for the certification packets and as-built plans that were submitted to Mountain Water Company and MDEQ.

Project Name: St. Regis Sanitary Sewer Lift Station Upgrade
Client & Location: St. Regis Sewer District, St. Regis, Montana
Project Duration: 2013-2015
Project Role(s): Design Engineer, Construction Inspector, Design Drafter
Andrew was responsible for the feasibility report, design development, preparation of contract documents, bidding assistance, construction inspection and oversight, and development of certification and maintenance documents.

Project Name: URD II Western Curb & Sidewalk Project Phases 1-4
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2011-2015
Project Role(s): Design Engineer, Construction Inspector
Andrew was responsible for the design oversight and quality control, prepared contract documents, and provided construction inspection and administration.

Justin Winz, Lead Drafter

Justin began employment with TLI in 2005 bringing with him 5 years of drafting experience from his previous employer. Starting out as a drafting technician for TLI he worked his way up from simple exhibits to creating preliminary water, sewer, and road designs for small to medium sized subdivisions. After working as a Design Drafter and becoming knowledgeable with many aspects of the Civil industry he was promoted to Lead Drafter in the Fall of 2009. Since then he has been in charge of updating and enforcing company CAD standards, CAD training for staff, as well as a Design Drafter for larger more complicated projects.

Select Project Experience

Project Name: Missoula Water (formerly Mountain Water Company) - Water Main Distribution Projects
Client & Location: Missoula Water, Missoula, Montana
Project Duration: 2012-Current
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: Butte Multi-Phased Vaulted Sidewalk Reconstruction
Client & Location: City of Butte Urban Redevelopment Agency, Butte, Montana
Project Duration: 2011-Current
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans for all phases. In addition, Justin, drafted as-built construction plans with detailed changes from field notes and construction inspection documentation.

Project Name: Van Buren Street Curb & Sidewalk Phase 1-3
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2010-Current
Project Role(s): Design Drafter (Phase 1-3)
Justin was responsible for drafting and development of the construction plans for all phases. This required extensive drafting analysis and re-designs based on agency comments and design considerations.

Project Name: Twin Creeks Subdivision
Client & Location: Missoula Federal Credit Union, Missoula, Montana
Project Duration: 2009-Current
Project Role(s): Design Drafter
Justin was responsible for the drafting and developing of the water, sewer, and road construction plans for Phase 1 of this project. Upon completion of the construction activities, Justin completed as-built construction plans with detailed changes from field notes and construction documentation.

Project Name: Canyon River Subdivision & Golf Course
Client & Location: Canyon River Development LLC, Missoula, Montana
Project Duration: 2007-Current
Project Role(s): Design Drafter
Justin was responsible for drafting and developing the construction plans for phases 3,6 and 7 and design oversight for phases 4 and 5. Justin also assisted on as-built construction plans with detailed changes from field notes and construction documentation.

Areas of Proficiency

- Engineer Drawings for:
  - Road Design
  - Sewer Design
  - Water Plans
  - MDEQ Site Layouts
  - Supplemental Data Sheets
  - Grading Plans
  - Vehicle Turning Analysis
- Create Drawings for:
  - Alignments
  - Profiles
  - Cross Sections
  - 3D Models
  - Lot Layouts
  - Construction Staking
  - Mapping Reduction
  - Plan/Profile Sheets
- Use of Autodesk Civil 3D 2016 as Primary Design Software
- Trains Staff in Auto CAD CIVIL 3D, Auto Turn & TLI Standards
- Insures Updates and Enforces Company CAD Standards

Education

A.A.S. Drafting Tech
University of Montana
Butte, MT, 2000

Justin Winz, Lead Drafter (continued)

Project Name: 4th Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Drafter
Justin was responsible for the quality assurance and quality control for the drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: Scott Street Water Main Extension
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Drafter
Justin was responsible for the quality assurance and quality control for the drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: Broadway & Orange Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Drafter
Justin was responsible for the quality assurance and quality control for the drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: Howell Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017-2018
Project Role(s): Design Drafter
Justin was responsible for the quality assurance and quality control for the drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: Madison Street Replacement
Client & Location: Mountain Water Company, Missoula, Montana
Project Duration: 2012-2017
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: Orange Street Water Main Replacement
Client & Location: Missoula Water (City of Missoula), Missoula, Montana
Project Duration: 2017
Project Role(s): Design Drafter
As the design drafter, Justin was responsible for drafting and development of the water main construction plans. Justin also completed detailed as-built plans as project conclusion using the detailed changes from inspection documentation.

Project Name: Ravalli County Fairgrounds CTEP Improvements
Client & Location: Ravalli County Fairgrounds, Hamilton, Montana
Project Duration: 2015-2016
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans. In addition, Justin, drafted as-built construction plans with detailed changes from field notes and construction inspection documentation.

Project Name: MRA URD III Burlington / Garfield Sidewalk
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2015-2016
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans and incorporating agencies comments with difficult designs to match the existing developed area.

Justin Winz, Lead Drafter (continued)

Project Name: Scott Street Water Main Replacements
Client & Location: Mountain Water Company, Missoula, Montana
Project Duration: 2015
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans. As-built construction plans with detailed changes from field notes and construction documentation were Justin's responsibilities at project conclusion.

Project Name: URD II Western Curb & Sidewalk Project Phases 1-4
Client & Location: Missoula Redevelopment Agency (MRA), Missoula, Montana
Project Duration: 2011-2015
Project Role(s): Design Drafter
Justin was responsible for drafting and development of the construction plans for all phases. In addition, Justin, drafted as-built construction plans with detailed changes from field notes and construction inspection documentation.

Project Name: Scott St. and Toole Mini-Roundabout
Client & Location: City of Missoula, Missoula, Montana
Project Duration: 2011-2013
Project Role(s): Design Drafter
Justin was responsible for plan set creation and modeling of surfaces in AutoCAD Civil 3D. He also assisted in computation of quantities for bidding purposes.

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