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CITY OF GRAND JUNCTION, COLORADO

****

CONTRACT

This CONTRACT made and entered into this 19th day of January, 2018 by and between the **City of Grand Junction, Colorado,** a government entity in the County of Mesa, State of Colorado, hereinafter in the Contract Documents referred to as the "Owner" and **DOWL** hereinafter in the Contract Documents referred to as the "Contractor."

WITNESSETH:

WHEREAS, the Owner advertised that sealed Responses would be received for furnishing all labor, tools, supplies, equipment, materials, and everything necessary and required for the Project described by the Contract Documents and known as **Professional Engineering Services for 2018 Sewer Line Replacements Phase A RFP-4445-18-DH**.

WHEREAS, the Contract has been awarded to the above named Contractor by the Owner, and said Contractor is now ready, willing and able to perform the Services specified in the Notice of Award, in accordance with the Contract Documents;

NOW, THEREFORE, in consideration of the compensation to be paid the Contractor, the mutual covenants hereinafter set forth and subject to the terms hereinafter stated, it is mutually covenanted and agreed as follows:

ARTICLE 1

Contract Documents: It is agreed by the parties hereto that the following list of instruments, drawings, and documents which are attached hereto, bound herewith, or incorporated herein by reference constitute and shall be referred to either as the "Contract Documents" or the "Contract", and all of said instruments, drawings, and documents taken together as a whole constitute the Contract between the parties hereto, and they are fully a part of this agreement as if they were set out verbatim and in full herein:

The order of contract document governance shall be as follows:

a. The body of this contract agreement
b. Solicitation Documents for the Project; **Professional Engineering Services for 2018 Sewer Line Replacements Phase A;**
c. Contractors Response to the Solicitation
d. Service Change Requests (directing that changed services be performed);
e. Change Orders.

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ARTICLE 2

Definitions: The clauses provided in the Solicitation apply to the terms used in the Contract and all the Contract Documents.

ARTICLE 3

Contract Services: The Contractor agrees to furnish all labor, tools, supplies, equipment, materials, and all that is necessary and required to complete the tasks associated with the Services described, set forth, shown, and included in the Contract Documents as indicated in the Solicitation Document.

ARTICLE 4

Contract Time: Time is of the essence with respect to this Contract. The Contractor hereby agrees to commence Services under the Contract on or before the date specified in the Solicitation from the Owner, and to achieve Substantial Completion and Final Completion of the Services within the time or times specified in the Solicitation.

ARTICLE 5

Contract Price and Payment Procedures: The Contractor shall accept as full and complete compensation for the performance and completion of all of the Services specified in the Contract Documents, the not to exceed price of **Seventy One Thousand Eight Hundred Forty and 00/100 Dollars ($71,840.00).** If this Contract contains unit price pay items, the Contract Price shall be adjusted in accordance with the actual quantities of items completed and accepted by the Owner at the unit prices quoted in the Solicitation Response. The amount of the Contract Price is and has heretofore been appropriated by the Grand Junction City Council for the use and benefit of this Project. The Contract Price shall not be modified except by Change Order or other written directive of the Owner. The Owner shall not issue a Change Order or other written directive which requires additional services to be performed, which service causes the aggregate amount payable under this Contract to exceed the amount appropriated for this Project, unless and until the Owner provides Contractor written assurance that lawful appropriations to cover the costs of the additional services have been made.

Unless otherwise provided in the Solicitation, monthly partial payments shall be made as the Services progress. Applications for partial and Final Payment shall be prepared by the Contractor and approved by the Owner in accordance with the Solicitation.

ARTICLE 6

Contract Binding: The Owner and the Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contract Documents constitute the entire agreement between the Owner and Contractor and may only be altered, amended or repealed by a duly executed written instrument. Neither the Owner nor the Contractor shall, without the prior written consent of the other,

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assign or sublet in whole or in part its interest under any of the Contract Documents and specifically, the Contractor shall not assign any moneys due or to become due without the prior written consent of the Owner.

ARTICLE 7

Severability: If any part, portion or provision of the Contract shall be found or declared null, void or unenforceable for any reason whatsoever by any court of competent jurisdiction or any governmental agency having the authority thereover, only such part, portion or provision shall be effected thereby and all other parts, portions and provisions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, City of Grand Junction, Colorado, has caused this Contract to be subscribed and sealed and attested in its behalf; and the Contractor has signed this Contract the day and the year first mentioned herein.

The Contract is executed in two counterparts.

CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:

By: Duane Hoff Jr., Senior Buyer – City of Grand Junction 1/19/2018 | 17:01 MST

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Duane Hoff Jr., Senior Buyer Date

DOWL

DocuSigned by:

By: Maryellen Tuttell, AICP 1/19/2018 | 16:44 MST

22E02EAAECD4406...

Maryellen Tuttell, AICP Risk Manager Date

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 1/22/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER RISQ Consulting 500 W 36th Ave, Suite 310 Anchorage AK 99503	**CONTACT NAME:** Spring Ortega **PHONE (A/C, No, Ext):** (907) 365-5115 **FAX (A/C, No):** (907) 365-5180 **E-MAIL ADDRESS:** sortega@insurancebrokersak.com
INSURED DOWL, LLC operating as DOWL 222 South Park Avenue Montrose CO 81401	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** INSURER A : National Surety Corporation 21881 INSURER B : Employers Ins. Co. of Wausau 21458 INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** 17-18 CO MONTROSE **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC OTHER:	X	Y	MXX80982624	12/1/2017	12/1/2018	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Employee Benefits	$ $ $ $ $ $ $	1,000,000 100,000 5,000 1,000,000 2,000,000 2,000,000 1,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	X	Y	MXA80328283	12/1/2017	12/1/2018	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Underinsured Motorist	$ $ $ $ $	1,000,000 Included
A	UMBRELLA LIAB X OCCUR X EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 0	X	Y	XAE15326911	12/1/2017	12/1/2018	EACH OCCURRENCE AGGREGATE 	$ $ $	10,000,000 10,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N: N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	Y	WCC163951208027	12/1/2017	12/1/2018	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $	 1,000,000 1,000,000 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

DOWL Project No. 7122.74831.01; Project Name: Professional Engineering Services for 2018 Sewer Line Replacements Phase A; Project #: RFP-4445-18-DH

The Certificate Holder is an Additional Insured on the General Liability, Automobile and Excess Liability policies, but only with respect to work done by or on behalf of the named insured for the project referenced. Subject to policy terms, conditions & exclusions.

CERTIFICATE HOLDER

duaneh@gjcity.org

The City of Grand Junction Colorado
Purchasing Division
250 North 5th Street
Grand Junction, CO 81501

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Spring Ortega/SPRING

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COMMENTS/REMARKS

It is agreed that such insurance as afforded the Certificate Holder on the General Liability & Automobile policies shall be primary and non-contributory with any other insurance in force for or which may be purchased by the Certificate Holder.

The Certificate Holder is granted Waiver of Subrogation on the General Liability, Automobile, Excess Liability and Workers' Compensation policies as respects the referenced project subject to the policy terms, conditions and exclusions.

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CITY OF Grand Junction COLORADO

LETTER OF INTENT

Date: January 16, 2018

Company: DOWL

Project: Professional Engineering Services for 2018 Sewer Line Replacements Phase A (RFP-4445-18-DH)

Based upon review of the proposals received for Professional Engineering Services for 2018 Sewer Line Replacements Phase A (RFP-4445-18-DH), your company has been selected as the preferred proposer of this solicitation process. It is the intent of the City of Grand Junction to award the aforementioned contract to your company as is listed in the RFP documents and your proposal response.

This contract must be approved by the City Manager prior to award and a contract being issued.

Please feel free to contact me with any questions at 970-244-1545.

Thank you and Best Regards

Duane Hoff Jr., Senior Buyer

January 5, 2018 | RFP-4445-18-DH

Professional Engineering Services for 2018 Sewer Line Replacements Phase A

PREPARED BY:

DOWL
222 South Park Avenue
Montrose, Colorado 81401

PREPARED FOR:

City of Grand Junction
250 North 5th Street
Grand Junction, Colorado 81501

TABLE OF CONTENTS

A – COVER LETTER

January 5, 2018

City of Grand Junction
Purchasing Division
Attn: Duane Hoff Jr., Senior Buyer
250 N. 5th Street
Grand Junction, CO 81501

Subject: Request for Proposal RFP-4445-18-DH for the
Professional Engineering Services for 2018 Sewer Line Replacements Phase A

Dear Mr. Hoff:

DOWL is excited to have an opportunity to work with the City of Grand Junction (CGJ). As Buckhorn Geotech, our team of professionals assisted CGJ's water staff designing improvements to the Grand Mesa No. 1 reservoir outlet structure and providing quality control testing during construction of those improvements.

DOWL proposes to manage and complete the design of the *2018 Sewer Line Replacements Phase A* project as the primary consultant. This project will be led by Senior Civil Engineer, Dan Quigley, P.E., with support from Dayton Alsaker, P.E. as senior reviewer for quality assurance, and Brendan Hines, P.E. as lead designer. Dan will be CGJ's single point-of-contact for all tasks under this project and will assign the appropriate resources from the DOWL team to complete them.

We believe DOWL is the best-suited team for this project for the following reasons:

- A Top-Notch Project Team – DOWL's project team includes senior water and sanitary sewer design professionals in our Grand Junction and Montrose, Colorado and Sheridan, Wyoming offices with a combined experience of more than 70 years of designing and constructing municipal sewer line replacements.
- Local Services – This project will be managed from our location at 222 South Park Avenue in Montrose, but Brendan is located in our office at 619 Main Street in Grand Junction, just minutes away from CGJ's offices and the project site, so we are able to respond immediately to CGJ's needs for this project.
- Our Strong Relationship – DOWL and CGJ have been working together since 1978, when we opened our doors as Buckhorn Geotech. Although many of our predecessors have since retired or moved on, the foundation of our relationship remains solid and we intend to keep it that way by consistently providing you with timely, friendly exchanges and reliable work products.

DOWL hereby agrees to all requirements of the subject solicitation. I have the authority to make formal commitments on behalf of DOWL.

Please do not hesitate to contact me with any questions at the phone number or email address below. We appreciate your consideration and look forward to working with you on this project!

Sincerely,
DOWL

Daniel C. Quigley, P.E.
Project Manager & Office Manager
Direct: (970) 497-8852
Email: dquigley@dowl.com

B – QUALIFICATIONS/EXPERIENCE/CREDENTIALS

B.1 – Introduction and Company Background

DOWL is a multi-disciplined consulting firm offering a wide spectrum of engineering, surveying, and materials testing services in the western U.S. Founded in Montrose nearly 40 years ago as Buckhorn Geotech, DOWL employees have demonstrated commitment to the quality of life on Colorado's western slope. We are dedicated to serving the needs of our clients as the Grand Junction community grows. We are pleased to present our qualifications for the City of Grand Junction (CGJ) Professional Engineering Services for 2018 Sewer Line Replacements Phase A (Project) as a means of contributing to and participating in the improvement of Grand Junction.

DOWL is committed to providing quality engineering services. We have been able to achieve cost-effectiveness through individual attention to our clients' needs as well as working efficiently, using project controls, and effective internal and client communication. DOWL has a good working relationship with CGJ, along with experience with sanitary sewer system modeling and design, and pipe bursting design and construction. We are focused on providing a design that will meet the needs of CGJ, in part, because the people at DOWL are members of the community.

B.2 – Project Team

B.2.1 – Team Approach

Our Montrose- and Grand Junction-based professionals, along with key expertise support from personnel in our Sheridan, Wyoming office, comprise your project team. Our team includes internal personnel to address surveying, sewer line design, and quality assurance/quality control (QA/QC), and one external subconsultant to perform the geotechnical drilling task. The structure of our team is displayed in the organizational chart in Section B.2.2; the qualifications of key members of the team of professionals are described herein.

The DOWL design team has several unique criteria that set us apart from our competition:

- We offer a combination of a local western slope engineering firm with almost 40 years of local civil engineering experience, and a larger regional engineering firm with the resources and skills of more than 350 employees in seven western states and Alaska.
- We have senior civil engineering professionals within our extended organization who bring extensive project experience in water systems modeling, design, and construction to the project.
- We have practical experience in replacing aging sewer lines using both traditional open-cut and pipe-bursting methods.

B.2.2 – Organizational Chart

CITY OF Grand Junction COLORADO

PROJECT MANAGER
Daniel C. Quigley, P.E.

QA/QC
Dayton H. Alsaker, P.E.

DESIGN
Daniel C. Quigley, PE
Brendan C. Hines, P.E.

GEOTECHNICAL
Laurie J. Brandt, CPG
Jeremiah E. Holland, P.E.

SURVEY
Joseph S. Rease, PLS

B.2.3 – Personnel Qualifications

Abbreviated bios of the primary DOWL team members who will participate in the Project are included herein; detailed resumes are included in Section F.2.

Daniel C. Quigley, P.E.
Project Manager

Role: Project Management, EOR	Availability: 50%
Qualifications: Daniel (Dan) has been in Montrose for 14 years and brings experience in project management and QC for large, on-going engineering and design projects. Dan is responsible for overseeing geotechnical and civil engineering projects along with construction materials testing for numerous local and regional projects. Dan has more than 24 years of experience in water system modeling and design; potable, raw, and reclaimed water systems design; roadway design; and geotechnical investigations including more than four years as a design engineer and systems analyst for the City of Tucson's Water Department. For this project, Dan will be the engineer-of-record (EOR) and Project Manager (PM) with overall responsibility for design, coordinating sub-consultants, meeting schedule milestones, and acting as the single point of contact for CGJ staff.	
Colorado Licensure: Professional Engineer #38334	
Education: B.A. History, New Mexico State University • B.S. Geology, New Mexico State University • B.S. Geological Engineering, Colorado School of Mines	

Dayton H. Alsaker, P.E.
QA/QC

Role: QA/QC, Senior Engineering Oversight	Availability: 15%
Qualifications: Dayton is a Senior PM for municipal water and sewer projects. His specialty is the planning and design of larger water systems, particularly transmission systems while analyzing system hydraulics and developing pressure management plans. He has worked on projects throughout Wyoming and Montana, and assisted with projects in other states, often providing QA/QC reviews. Dayton uses his 40 years of experience with water and sewer systems to bring value to planning, design, and operations. For this project, Dayton will provide QA/QA review of the preliminary and final design plans, as well as consultation to our PM throughout the design phase of the project.	
Licensure: Professional Engineer #6148 Wyoming; Professional Engineer #5932 Montana; Professional Engineer #2962 North Dakota; Professional Engineer #6334 South Dakota	
Education: B.S. Civil Engineering & M.S. Sanitary Engineering, South Dakota State University	

Brendan C. Hines, P.E.
Civil Engineer

Role: Civil Design Support | **Availability:** 70%

Qualifications: Brendan is a civil engineer in DOWL's Grand Junction, Colorado office with more than 12 years of experience on projects including land development, public improvements, school district utility and transportation improvements, water collection modeling, water storage, wastewater distribution, and wastewater treatment plant improvements. He is experienced in site design, grading design, utility design/modeling and detailed erosion control/SWPPP permitting processes. For this project, Brendan will provide design and drafting support for Dan, as well as utility coordination.

Colorado Licensure: Professional Engineer #53455

Education: B.S. Civil Engineering, Colorado State University

Jeremiah Holland, P.E.
Senior Geotechnical Engineer

Role: Geotechnical Report Review | **Availability:** 10%

Qualifications: Jeremiah is a registered professional engineer in the States of Alaska, Colorado, and Washington. He has extensive experience leading projects related to transportation, infrastructure, land development, mining and oil and gas. Jeremiah has expertise in geotechnical engineering, arctic ground conditions, rock and soil mechanics, engineering geology, software modeling including SLIDE, Settle3D, and Phase2, CQA, construction materials field and laboratory testing, and project management. For this project, Jeremiah will review and stamp the geotechnical report.

Colorado Licensure: Professional Engineer #40723

Education: B.S. Geological Engineering, Colorado School of Mines; M.S. Geotechnics, Missouri University of Science and Technology

Laurie J. Brandt, CPG
Professional Geologist

Role: Geotechnical Investigation & Report | **Availability:** 20%

Qualifications: Laurie is a Certified Professional Geologist and her duties include project management, performing field geologic and geotechnical evaluations, overseeing laboratory testing, analyzing results with engineers, researching sites, and writing technical reports. She has worked on hundreds of projects that include roads, bridges, canals, wetland banks, unstable slopes, geologic hazards, and drainages, so she is well aware of the soil and geologic conditions of western Colorado and the geotechnical engineering methods that are successfully used in the region. For this project, Laurie will lead the geotechnical investigation and author the geotechnical report.

Licensure: Certified Professional Geologist

Education: B.S. Geography, Pennsylvania State University; M.S. Remote Sensing, Cornell University

Joseph S. Rease, PLS
Survey Manager

Role: Survey | **Availability:** 20%

Qualifications: Joseph (Joe) has more than 24 years of experience in land survey, encompassing almost all of the disciplines of land surveying. Having worked in the western states for 21 years, he offers expertise in improvement surveys, construction survey/layout, and boundary and topographic surveys, as well as other facets of land surveying that integrate traditional survey methods with GPS and other modern technologies. As a contract surveyor with the US Forest Service for nine years, Joe has seen harsh weather, difficult terrain, and rough working conditions on projects all over Colorado. For this project, Joe will perform potential easement acquisition.

Colorado Licensure: Professional Land Surveyor #36067

Education: A.A.S. Surveying Engineering Technology, Alfred State College

B.3 – Relevant Project Experience

B.3.1 – Project Lessons Learned

The following pages depict DOWL's successes with projects similar to this one. From these valuable experiences, we have learned the following:

- Municipal utility managers and staff appreciate frequent and direct communication with local project managers during the course of infrastructure design projects. This helps to prevent miscommunications and ensures that project schedules can be met for critical milestones. CGJ Public Works staff and DOWL's local staff (as Buckhorn Geotech) have established relationships and have worked successfully on several CPJ planning and design projects.
- Frequent progress meetings are essential for clear communications between DOWL staff and CGJ staff. As shown on the project schedule and separate fee schedule, we plan on holding several progress meetings during the preliminary (60%) and Final (90%) design phases to help make sure the project is successful.
- It's been our experience that the success of municipal improvement projects can be directly related to efficacy of communications and coordination with potentially impacted public utilities in the project alignments. Public utilities will be contacted immediately after kickoff to determine potential impacts, concerns, and procedures for design review and approval. Utility providers are copied on the design plans at all phases of the project to encourage stakeholder ownership in the design process.
- DOWL project team members Dan Quigley and Dayton Alsaker have been involved in several municipal water and sewer projects that included pipe bursting as a replacement method in limited construction areas. That experience will allow us to produce detailed construction plans and still meet the rigid project schedule.

DOWL looks forward to applying our knowledge from these important lessons learned to the Project.

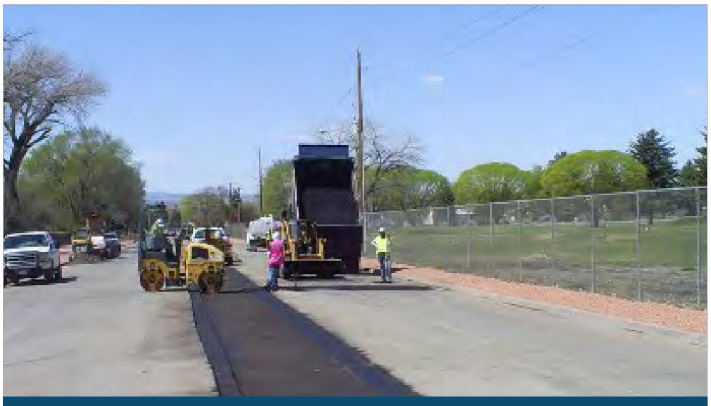
"We use the [DOWL] wastewater study as our bible. It is a 'must read' for all new wastewater operators because it helps them understand our system so well. We use the study on a daily basis. It's great!" - Ken Hirschman, City of Sheridan Utilities Maintenance Superintendent

B.3.2 – Projects

Mesa-Sunnyside Sewer Replacement
Montrose, Colorado

As a critical part of the City of Montrose's 2009 Sewer Master Plan, DOWL (as Buckhorn Geotech) designed improvements to the collection lines in Sunnyside and Mesa Streets in central Montrose. The existing mains were undersized and frequently surcharged during peak flows. The project consisted of the design and installation of approximately 2,400 linear feet of 15-inch, 650 linear feet of 12-inch, and 1,800 linear feet of 10-inch poly vinyl chloride (PVC) pipe. Our design had an optional pipe bursting section of 810 linear feet which was replaced with open-cut trench installation following the bids. Services provided by DOWL included survey, civil design, materials testing and inspection, and construction support. The project was completed in 2013. Dan was the EOR.

Client Contact: Scott Murphy, P.E., Montrose City Engineer, 1221 64.50 Rd., Montrose, CO 81401, Telephone: (970) 497-8596, Email: smurphy@ci.montrose.co.us



Installation of 10-inch PVC sewer main on Sunnyside Road.

Special Improvement District Projects 74, 75, and 77
Sheridan, Wyoming

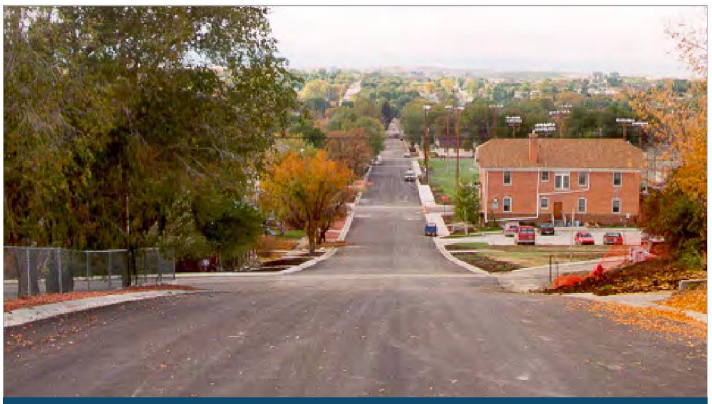
DOWL provided the planning, design, and construction administration on this 84-block neighborhood improvement project. Work included assistance with forming the Special Improvement Districts (SIDs), which paid about 20% of the project costs, as well as assisting with the securing of the other funding sources. The project included approximately:

- 34,000 feet of replacement water main,
- 20,000 feet of 8- to 12-inch PVC replacement sanitary sewer,
- 17,000 feet of new storm sewer infrastructure
- 84 blocks of road reconstruction with new asphalt paving and concrete curb and gutters

The stormwater handling was particularly complex considering the amount of run-on which entered the project areas, and the distance between the three project areas and Goose Creek. As part of the utility infrastructure improvements, existing clay tile and ductile iron sanitary sewer pipes were replaced with new PVC collection systems and existing brick manholes were replaced with new concrete manholes. Total cost of the three SIDs projects was in excess of $14 million.

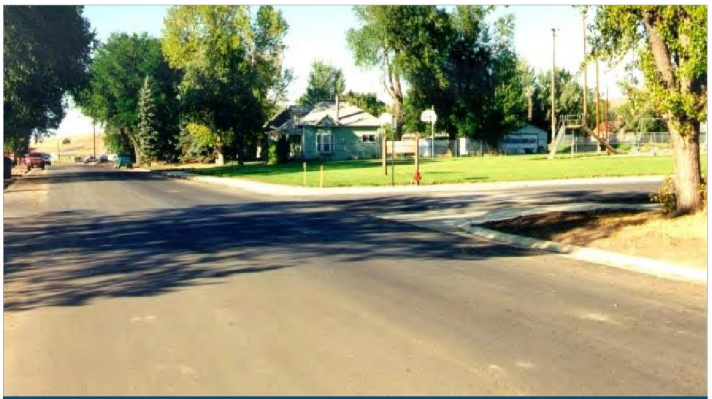
Public outreach and involvement were particularly complex to create and pass the SIDs and then to construct the projects through developed neighborhoods with more than 350 property owners. Dayton was the Project Manager and Design Engineer.

Client Contact: Ken Hirschman, City of Sheridan Utilities Maintenance Superintendent, 55 Grinnell Plaza, Sheridan, WY 82801; Telephone: (307) 672-0129, E-mail: khirschman@sheridanwy.net



Completed 6th Street with its new pavement and curb and gutter.

Prior to the improvements, storm drainage was poorly established and included ditches.



The greatly enhanced neighborhood with paved streets, which previously were mostly gravel.

Lovell Infrastructure Improvement Projects

Lovell, Wyoming

During a 14-year period, DOWL worked continuously with the Town of Lovell to completely rebuild their water system, sanitary sewers, streets, and other infrastructure. A summary of the work included in these projects that were phased in during this period is as follows:

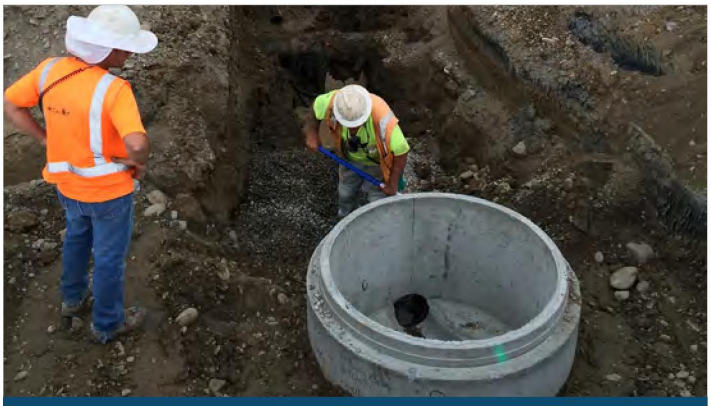
- 14,000 feet of water transmission mains.
- 88,000 feet of water distribution lines.
- 80,000 feet of new sewer collectors.
- A new lift station at the lagoons, and pump station on the water system.
- A 400,000-gallon elevated storage tank.
- A SCADA system.
- 140 blocks of repaved streets throughout town with new curb and gutter.
- Storm drainage improvements.

The Town's cast iron water lines and clay tile sewers were failing, causing significant problems to the users and high maintenance costs. Sewers were frequently plugging, causing backups. DOWL worked with the Town to master plan and phase the improvements, develop cost estimates and obtain funding, design, and oversee construction. The total cost of all these projects was $31.7 million. Grant funding obtained paid over 75% of these costs. Final costs were under budgeted costs. Many safety improvements were realized with the new facilities as well.

Considerable coordination was required with the Town staff, public, businesses, WYDOT, funding agencies and other stakeholders. It was truly a team effort for DOWL and the staff of this town of 2,400 to totally rebuild their infrastructure over 14 years. Both project and construction management were important tasks as the work mostly took place within the town itself, immediately adjacent to residences and businesses. Dayton was the EOR.

Client Contact: Jed Nebel, Town Administrator, 336 Nevada Avenue, Lovell, WY 82431; Telephone: (307) 548-6551, E-mail: jnebel@townoflovell.com

"Not only have the new systems enhanced safety, water quality, water loss, and maintenance, it has also provided the Town of Lovell with the opportunity of growth for new housing and businesses" - Jed Nebel, Town of Lovell Administrator (see Section F.4 for full letter)



Installing a new sanitary sewer manhole. Many of the previous manholes were made of brick.

Installing new RCP storm sewer.

New 12-inch water main that will connect the new 400,000 gallon elevated tank to the town. This tank and line greatly improved fire flows and the dependability of their water system.

Sugarland Water Main Replacement Project

Sheridan, Wyoming

DOWL provided engineering services for the replacement of 7,800 feet of old ductile iron and cast iron water lines in Sheridan that had been experiencing numerous corrosion leaks. These leaks were expensive to repair, negatively impacted the dependability of this system, and raised several health issues. The lines were located in a very busy commercial area with numerous obstructions to construction. Design efforts included comparing construction methods (trenchless versus open cut) and pipe materials. Two methods of trenchless installation were designed (directional drilling and pipe bursting) and used by the contractor. Three different restrained joint pipe materials were specified as alternatives. Proper material selection and corrosion control measures on the metallic components were important to prevent future corrosion of the improvements. Challenges included providing temporary water for domestic and fire systems, and traffic control for the many businesses.

Trenchless water line installation was required for approximately 3,700 feet of this project. Horizontal directional drilling (HDD) and pipebursting were allowed options for trenchless installation. High density poly ethylene (HDPE), fusible PVC, and restrained joint PVC were allowed as material options for trenchless installation. HDD was used with eight-inch fusible PVC, and pipebursting of six-inch ductile iron and cast iron lines was done with eight-inch fusible PVC.

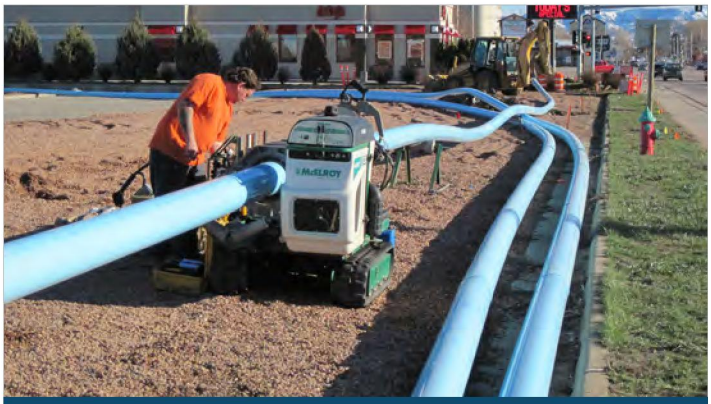
Sugarland Drive was reconstructed under this project and paved with an eight-inch concrete pavement section. The project was eligible as an American Recovery and Reinvestment Act (ARRA) shovel-ready project. Actual funding did not include ARRA monies, but bidding and reporting followed the ARRA guidelines.

Design of the project was on a highly accelerated time frame, and much of the construction of the project was performed at night to minimize disruption of businesses and traffic. Dayton was the EOR.

Client Contact: Ken Hirschman, City of Sheridan Utilities Maintenance Superintendent (see previous for contact info).

Fusable PVC was used for directional boring and pipe bursting the old ductile and cast water lines.

The pipe bursting head connected to the replacement PVC pipe.



Fusing together C900 PVC water main for trenchless installation.

C – STRATEGY AND IMPLEMENTATION PLAN

C.1 – Scope of Services

It is the DOWL project team's understanding that the CJG Public Works staff have identified the critical collection sewer lines to be replaced as shown in the exhibits appended to the RFP. The services to be provided by the DOWL team for the design of the 2018 Sewer Line Replacements Phase A project are:

Phase I – Data Collection and Evaluation

DOWL will assess the potential construction constraints for each of the CGJ's identified sewer replacement segments, as well as any the CGJ has previously identified in their research. Additionally, available survey and data from CGJ staff will be reviewed to identify the design grades and elevations for the sewer replacement design. DOWL staff will perform a field geotechnical investigation using auger borings in the project segments to determine limiting soil conditions for design. The Phase I tasks will be used for the preparation of the 60% design submittal outlined below. Tasks in Phase I include:

- Field evaluation of general soil conditions and limiting factors to construction.
- Geotechnical investigation of the proposed sewer line replacement locations.
- Review of existing data provided by CGJ staff.
- Development of design criteria, especially the pipe bursting sections.
- Meeting with utilities to identify design limitations and critical project locations.

Phase 2 – 60% Preliminary Design

After review of the data in Phase I, DOWL will proceed directly with the 60% design phase. Tasks included in that design phase will include:

- Preliminary plan sheets per CGJ standards with plan and profiles and details.
- Preliminary cost estimate prepared and provided to CGJ at the 60% design review meeting.
- Progress meetings with CGJ Public Works staff and utility providers held regularly throughout the design process to make sure that all stakeholders are included and that the project remains on schedule.
- 60% design review meeting to review preliminary plans and specifications for CGJ staff approval to move forward into the 90% design phase.

Phase 3 – 90% Final Design

After the 60% design review meeting and receipt of comments from CGJ staff and utilities, DOWL will proceed with the 90% design phase. Tasks included in that design phase will include:

- 90% final construction plans in AutoCAD Civil 3-D and PDF formats per CGJ standards with plan and profiles and details.
- 90% engineer's estimate of probable cost for construction.
- Progress meetings with CGJ Public Works staff and utility providers held regularly throughout the 90% design process to make sure that all stakeholders are included and that the project stays on schedule.
- 90% design review meeting with CGJ staff to finalize plans and bid package.

Phase 4 - Final Design Submittal

This phase completes the project and consists of issuing plans and bid documents to CGJ to issue bid announcements and conduct a pre-bid meeting. Our services would include assisting CGJ staff in preparing the bid package per CGJ standards, attending the pre-bid meeting, and responding to any questions for addendums prior to the bid. All reports will be provided in PDF file format, plans will be provided in both AutoCAD Civil 3-D and PDF formats, and bid documents and specifications will be provided in both Microsoft Word and PDF formats for use by CGJ staff.

Future Phases – To Be Determined

DOWL typically provides construction support, final inspection, and "as-constructed" plans for municipal projects that we design. We understand that these future phases will be awarded to the EOR as a change order to the design contract at the time of bidding and construction.

C.2 – Project Methodology/Approach

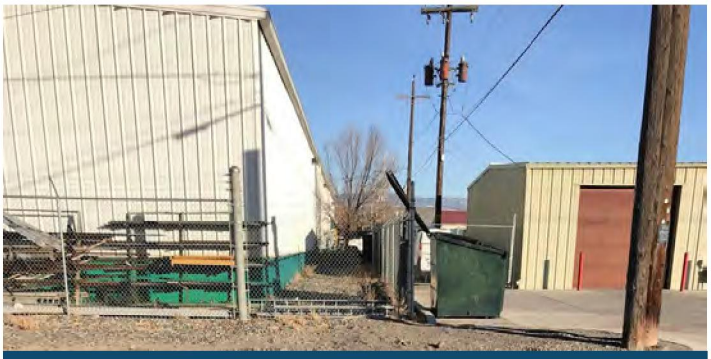
C.2.1 – Critical Design Issues

Several site factors will impact the costs of CGJ's sewer line replacement Phase A segments. These factors will be considered prior to beginning the Phase 2 - 60% design portion of the project.

Utility Impacts

Several of the project segments are located in narrow alleys that have existing utilities, making the open-cut installation

method difficult for replacement. These sections will be prime candidates for pipe bursting replacement, provided that approvals from utilities have been received.



View of alley north of 3rd Avenue and potential utility impacts.

Challenging Alignment Conditions

Several sections of the proposed alignment have site-specific design and construction challenges, which will be addressed in our analyses and design. These challenges include:

- Constricted conditions along the alley adjacent to the ALSCO building north of 3rd Avenue. This section will likely be installed using a pipe bursting method to preserve the existing utilities and limit impacts.
- Potential impacts to existing sidewalk curb and gutter along South 7th Street.
- Realigning portions of the new sewer alignment outside of private property along 15th Street and in Horizon Drive. Both sections will be modeled in Civil 3D to determine if adequate flow capacity can be maintained in the CGJ's preferred alignments.

View of 7th Street and existing sewer in the sidewalk.

Short Design Schedule

With only seven weeks between the estimated project kickoff and CGJ's March 1st design submittal deadline, DOWL will use two to three designers and two engineers to complete the plans as required. DOWL uses electronic workshare from other offices to allow multiple AutoCAD users access to plans at the same time.

As long-time designers and engineers for communities throughout the western slope, we have faced these challenges on other projects and provided value-based construction plans to CGJ. We intend to do the same on this project.

C.2.2 – Critical Issue Solutions

To address the potential impacts of these critical issues on the project, our DOWL team will focus on how they relate to the final project design using the following proven techniques:

Single Point of Contact

Dan will be the DOWL team PM and will be the primary contact for CGJ during the project. Dan will be responsible for:

- Coordinating with CGJ Public Works staff to meet the project objectives outlined in the RFP.
- Maintaining project schedules and coordinating DOWL staff support including field survey and engineering design services.
- Coordinating with project staff to complete design deliverables.
- Supervising the design of sewer line improvements.
- Meeting with CGJ staff periodically to identify changes in objectives and critical issues.
- Meeting with utility providers to obtain all required approvals for the design and construction of the sewer line replacements.

Project Controls

Project control is tied into four primary components: schedule control, cost control, quality assurance, and quality control. As an integrated, multi-faceted engineering firm, DOWL has the management, software tools, and channels of communication necessary to provide high quality overall project controls. Drawing upon these resources, Dan will oversee all phases of project control as well as managing the roles of team members.

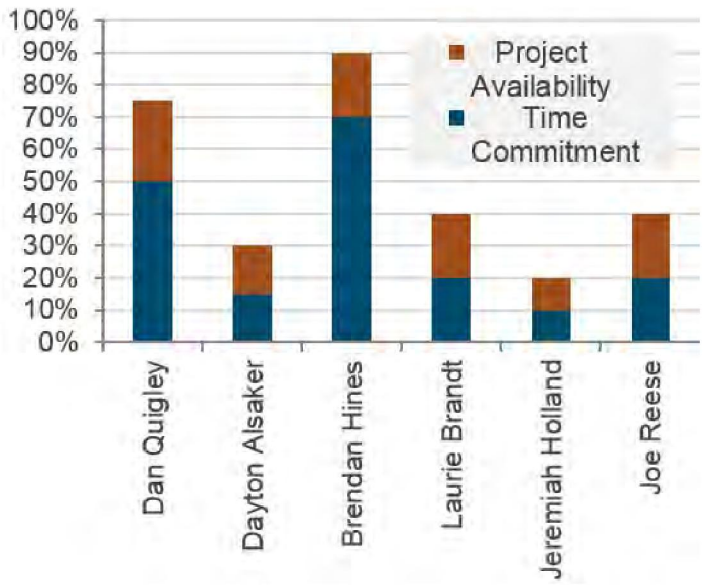
Schedule Control: A proposed project schedule is included in Section C.3 of this proposal. The project is broken down into individual components that allow for each discipline to complete their work, while their progress is tracked on the

overall schedule. The PM will schedule internal meetings as needed to identify any portions of the project that are lagging and then work with the task manager to bring the components back on track with the project schedule. Monthly reports of overall progress beyond weekly coordination meetings with CGJ staff will be provided.

Cost Control: Cost control, critical in a project of this size, is best managed by breaking the project into the aforementioned components, each with its own scope of work and associated work-hour estimates. All DOWL personnel have the resources to accurately measure progress with real-time cost accrual. DOWL uses Deltek Vision software for tracking staff and subconsultant hours, overhead costs, and project completion. Regular project progress meetings and incorporating our subconsultant, as needed, either in person or via conference call, will allow for tracking of project goals. The DOWL team will not perform out-of-scope activities without prior written approval from the CGJ PM. Progress invoicing will be provided on a monthly basis and will include an accounting of monthly budget expenditures, project task progress, consultant hours, and project expenses. The proposed project schedule in Section C.3 has been matched to the fee schedule included separately with this proposal.

Quality Control: Dan will provide internal project QC. Internal project meetings, documents review, and schedule adjustment and monitoring will be the day-to-day QC of all work performed. Via project team meetings, the PM will provide guidance to team members on the schedule and content of all deliverables.

Quality Assurance: Dayton will provide senior QA review for all aspects of the project. He has more than 40 years of water system planning and design experience in the western U.S. and will provide valuable oversight to maintain the quality and integrity of the design process.



DOWL uses Newforma software to facilitate QA/QC on our projects. Newforma is used during the design and construction phases of a project to track submittals, data transfers, requests for information, and change orders. DOWL also utilizes Autodesk Vault, a data management tool integrated with Autodesk AutoCAD and Civil 3D products. It helps our design teams share and track work in progress and maintain version control in multi-user environments. Among other features, Vault has a "check-in/check-out" feature to make sure that the user is working on the most current drawing, which is critical when working across offices.

C.3 – Project Schedule

Project Initiation

As with all CGJ projects, once contracts have been finalized and City Council approval is received, the work commences. We envision that the Notice to Proceed will be issued for a January 19, 2018 start date. As the enclosed schedule indicates, our goal will be to have the final design completed by March 1, 2018 as required by the RFP.

Kick-Off Meeting

The project will be initiated with a kick-off meeting around January 19, 2018, involving CGJ staff, Dan, Brendan, and Joe of DOWL. This meeting will confirm project goals and make sure that all members of the design team have a clear understanding of their role in meeting CGJ's expectations. The DOWL team will present its schedule and open it to discussion with the attendees. The key items for discussion are the critical project milestone dates and prioritization of design tasks. We will schedule survey and geotechnical tasks at that meeting and go over the existing designs and alternatives with CGJ staff to identify critical path items that will direct our design efforts.

The rest of the schedule is outlined in Section F.3.

C.4 – Availability and Response Time

Our response time is minimal, as our Grand Junction DOWL office is within walking distance of CGJ offices in downtown Grand Junction. We have the ability to work together with CGJ staff on a daily basis, as necessary, to meet the project schedule requirements.

Our project availability and existing time commitments for all personnel are depicted in the bar chart at left.

D – REFERENCES

In addition to the references provided in Section B.3.2, we strongly encourage CGJ to contact the references provided below to gain a better understanding of the commitment DOWL has to providing quality services and maintaining strong relationships with clients.

Scott Murphy, P.E.
City of Montrose Engineer
PO Box 790, Montrose, CO 81401
(970) 240-1480, smurphy@ci.montrose.co.us

Julie Constan, P.E.
CDOT Traffic & Safety Engineer, R5 Traffic
3803 Main Avenue, Suite 100 Durango, CO 81301
(970) 385-1449, julie.constan@state.co.us

John Harris, P.E.
Former City of Montrose Public Works Director
PO Box 10,000, Big Bear Lake, CA 92315
(909) 866-5831, ssiep@citybigbearlake.com

Dave McCollough
CDOT R3 LA Inspector
606 South 9th Street, Grand Junction, CO 81501
(970) 549-7352, dave.mccollough@state.co.us

Bob Basher
Delta County Engineering Technician
501 Palmer Street, Suite 227, Delta, CO 81416
(970) 874-5914, bbasher@deltacounty.com

E – FEE PROPOSAL

Enclosed separately.

F – ADDITIONAL DATA

F.1 – Conclusion

DOWL is a **local** firm staffed by western slope residents. We believe that this is of value to CGJ residents, CGJ staff, and the project. We have a **vested interest** in providing CGJ with the highest quality of design services for the project because we live here. Our staff can be contacted for immediate **face-to-face** meetings and can respond within minutes to design issues and questions or for field meetings. It is our combination of large firm expertise with local knowledge and availability that sets DOWL apart and is the **DOWL difference**.

F.2 – Letter of Recommendation

The following pages contain a letter of recommendation from Jed Nebel of the Town of Lovell.

F.3 - Resumes

The following pages contain resumes for key project personnel.

F.2 – Letter of Recommendation

Town of Lovell

336 Nevada Avenue
PO Box 188
Lovell, WY 82431

Phone: 307-548-6551
Fax: 307-548-7614

Email: tol@tctwest.net
Website: www.TownOfLovell.com

Town of Lovell
P.O. Box 188
Lovell, WY 82431

December 27, 2017

Wyoming Engineering Society:

The Town of Lovell would like to recognize DOWL for the Wyoming Engineering Society Project of the Year award for their most recent work on our Zone 2 Water Tower Project as well as 14 years of successful projects in the past. The past projects as well as the most recent have provided the Town of Lovell and its citizens with enhanced infrastructure to their outdated sewer, water, and street systems that were essential to provide a better way of life to our citizens.

In addition to providing our citizens with a better way of life the projects have provide much needed safety enhancements with improved fire flows in the upper zone of Lovell where our local hospital is located as well as more fire hydrants in crucial areas. The new projects have allowed us to loop our water systems which in turn enhances our water quality with no dead end lines. We were also able to repave many of our problematic streets when the new lines were installed. The new systems also provided the Town of Lovell employees with nearly an emergency maintenance free system reducing our callouts drastically. The new systems saved the Town of Lovell money in part from the reduced callouts of employees, but mainly from reducing our water loss percentages in half.

The new infrastructure systems have been a huge success for our community and so has our partnership with DOWL. Not only have the new systems enhanced safety, water quality, water loss, and maintenance it has also provided the Town of Lovell with the opportunity of growth for new housing and businesses.

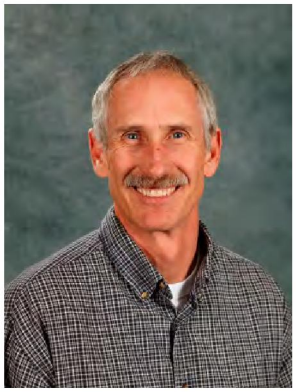
Respectfully,

Jedediah Rex Nebel, Town Administrator

Mayor: Angel J. Montanez
Administrator: Jedediah Nebel
Clerk/Treasurer: Valerie Beal
Attorney: Sandra Kitchen

Council: Bruce Wolsey
Carol Miller
Kevin Jones
Tom Newman

"The Town of Lovell is an equal opportunity provider and employer."



Senior Civil Engineer and Project Manager

Education

Bachelor of Arts
History
New Mexico State University
1984

Bachelor of Science
Geology
New Mexico State University
1985

Bachelor of Science
Geological Engineering
Colorado School of Mines
1997

Licenses

Colorado #38334
2004/Professional Engineer

Arizona #35915
/Professional Engineer

Arizona #34681
/Professional Geologist

Professional Experience

Dan is responsible for overseeing geotechnical and civil engineering projects along with construction materials testing for numerous local and regional projects. Dan has more than 25 years of experience in roadway design, water system modeling and design, and geotechnical investigations. Prior to joining DOWL, Dan was the design engineer and systems analyst for the City of Tucson's Water Department, lending him the insight into potable, raw, and reclaimed water system modeling, design and construction.

Project Experience

Mesa-Sunnyside Sewer Replacement, Montrose, Colorado. Dan was the EOR for the design of two projects that were identified as critical in the City of Montrose Sewer Master Plan. Project services included survey, civil design, materials testing, and project support for the project, which was completed in 2013.

City of Montrose Sewer Capital Improvement Projects 1 and 2, Montrose, Colorado. Dan is the EOR for the design and construction of this critical sewer system improvement project for the City of Montrose. The project included the design of approximately 5,500 linear feet of 15-inch PVC collection main and 13 new manholes. The project is under final review by City staff and is expected to be constructed beginning in February 2018.

Airport Trunk Sewer, Phases I-II, Montrose, Colorado. Dan was the EOR for the design and construction of this critical sewer trunk main project for the City of Montrose. The project included the design of approximately 16,000 linear feet of 30-inch PVC collection main, an aerial crossing of Cedar Wash, and a 1,195-foot horizontal directional bore under the Montrose Regional Airport. Due to complications during the bore, the project was divided into two phases and completed in 2012. Services included survey, geotechnical evaluation, civil design, materials testing, and construction support.

Bone Mesa Domestic Water District (BMDWD) - Mays Spring WTP, Paonia, Colorado. As part of on-going improvements to the BMDWD public water system, Dan designed a new filtration/chlorination building for the Mays Spring portion of the BMDWD distribution system. He prepared the Basis of Design report and application for approval to construct as required by CDPHE. The project was constructed in 2015.

PMPLC - WTP Improvements, Paonia, Colorado. Working with the PMPLC ORC, Dan designed water treatment plant improvements in response to requirements from CDPHE for system upgrades due to source water re-classification. Dan was the EOR and prepared the application for approval to construct for CDPHE. The project was constructed in 2016.

Bosley Wash Detention Pond, Grand Junction, Colorado. The Bosley Wash Detention Pond project involves the final design and construction of a jurisdictional stormwater detention pond intended to provide 81 acre-feet of runoff storage, thereby reducing

Years of Experience

26

Professional Affiliations

American Society of Civil Engineers

Training

American Water Works Association

Association of Engineering Geologists

Rocky Mountain Association of Geologists

impacts to I-70. DOWL's evaluation included surveying, geophysical mapping, drilling, and laboratory testing. Dan is involved in the civil design aspects of the project, including embankment design, transportation layout, and general project support.

SMDWC - WTP Improvements, Paonia, Colorado. Dan was EOR for improvements to the SMDWC water treatment plant. His responsibilities included design of improvements, field visits for design, attendance at SMDWC meetings, and application for approval to construct with CDPHE. The project was approved by CDPHE and completed in 2016.

Escalante Bridge Replacement, Delta County, Colorado. As the prime consultant for this Delta County project, DOWL performed the design and associated geotechnical investigation, and hydrologic and hydraulic modeling and analysis for the replacement of a County bridge that spans Escalante Creek in western Delta County. DOWL also performed the site, topographical, ROW surveying, base mapping for design, CDOT ROW plans, ROW acquisition staking, and construction management. Dan modeled the hydrology and hydraulics of Escalante Creek and produced the drainage report used for design of the bridge and its protection from flooding.

Cornerstone Development, Montrose & Ouray Counties, Colorado. The Cornerstone Development is a private, 6,000-acre, 400-home residential community in Montrose and Ouray Counties. DOWL was awarded and successfully completed two projects for the development: Phase 1A Infrastructure Improvements in Montrose County, and a Water Storage Tank and Transmission/Distribution project in Ouray County. Dan was Project Manager for design and installation of the water, sanitary sewer, wastewater treatment and road infrastructure. Mr. Quigley has also assisted the Cornerstone Metropolitan District in the development of their Capital Improvements budget and provided rate studies for both the sewer and water systems.

Holt's/Frenchy's Water Systems, Tincup, Colorado. Dan has been the engineer-of-record for water and wastewater improvements for two recreational facilities near Tincup in Gunnison County, Colorado. Dan prepares monthly Discharge Monitoring Reports (DMR) for the owner and coordinates all improvement plans with CDPHE. Construction of improvements at both the Frenchy's Café and Holt's Guest Ranch public water systems, designed by Dan, took place in 2015.

Revenue Mine Water System, Ouray, Colorado. Dan was the engineer-of-record for the design and certification of a new water treatment system for the Revenue Mine. Tasks included field visits for design and certification, permit application for approval to construct to CDPHE and a basis of design report which accompanied the design plans.

Telluride Pines WTP Improvements, Telluride, Colorado. Dan was the engineer-of-record in preparing water treatment improvements as required by CDPHE due to a leaking filter at the Telluride Pines WTP. Tasks included site visits for design and construction verification, permit application to CDPHE and civil design of water treatment system components.

Dayton H. Alsaker, P.E.

Senior Water Resources Engineer & QA/QC

Education

Bachelor of Science
Civil Engineering
South Dakota State University
1975

Master of Science
Sanitary Engineering
South Dakota State University
1976

Licenses

South Dakota #6334-CE
1997/Professional Engineer

Wyoming #6148-CE
1991/Professional Engineer

North Dakota #PE2962-CE
1985/Professional Engineer

Montana #5932-CE
1979/Professional Engineer

Years of Experience

41

Professional Experience

Dayton is a Senior Water Resources Engineer and associate owner of DOWL, specializing in municipal and rural water projects. He plans and designs water systems, including hydraulic analysis and developing pressure management plans. Typical projects include pipelines, pumping stations, tanks, and pressure reducing stations. Because of his extensive experience with these types of projects, he now often serves as Senior Reviewer and/or QA/QC Manager for similar DOWL projects, such as the Parks Raw Water Irrigation Supply project.

Project Experience

Special Improvement Districts 74, 75 and 77, Sheridan, Wyoming. These three projects consisted of the reconstruction of 84 blocks of existing neighborhoods in Sheridan. New water and sewer mains and services were designed and installed. Storm drainage plans were developed with drainage facilities installed. Also included were new streets with curb, gutter and sidewalks. SID's were created and assistance was provided in their establishment. Considerable public involvement was included with the SID's and the reconstruction of these developed neighborhoods. The projects involved the design of 34,000 feet of 8"–16" water mains and 20,000 feet of 8"–15" sewer mains, plus the other improvements. Dayton was the project manager and design engineer on these projects. Total cost was $14 million.

Lovell Infrastructure Improvement Projects, Lovell, Wyoming. DOWL has worked with Lovell to replace the town's aged water and sewer infrastructure continually since 2004. Considerable planning, phasing and funding assistance was required for the needed improvements. The work was completed in several projects which included over 14,000 feet of water transmission main, 88,000 feet of water distribution mains, 80,000 feet of sanitary sewers, 140 blocks of new streets, a sewage lift station, pumping station on the water system, and an elevated storage tank. Services included master planning, assistance to acquire funding, cost accounting, public involvement, infrastructure design, geotechnical engineering, pavement design, easement acquisition, permitting, contract and construction administration, and materials testing. The total cost of the projects was $31.7 million.

RID Sewer Project, Miles City, Montana. This project consisted of the planning, design, and construction of a major sewer system replacement project in an older neighborhood. The project consisted of 7,000 feet of collection lines, two lift stations and force mains, and new sewer services. Sewer services were particularly difficult since almost no information was available on the existing system. The system was in very poor condition and the neighborhood was low-income, which created challenges in the design of an affordable system. Ultimately 83% of the $2.4 million project cost was paid by grants. Dayton was the project manager and design engineer on this project.

Downer Neighborhood Improvement Service District Water & Sewer, Sheridan, Wyoming. This was a $5.1 million improvement project that included approximately 35,000 feet of water main, 25,000 feet of sanitary sewer main, 6,000 feet of sanitary sewer services, and 105 sanitary sewer manholes. Also included were a sewage lift station and force main. Dayton was design engineer on this project.

Professional Affiliations

American Society of Civil Engineers – AWWA

Training

ASCE Analysis of Transients in Pipelines

ASCE Pipeline Design and Construction

ASCE Pump Station Design

AWWA Annual Conferences

AWWA Financial Management for Water Systems Seminar

Construction Claims Avoidance and Dispute Resolution

Corrosion Engineering Seminar

Pipeline Design Seminar

Project Management Workshops

Safe Drinking Water Act Workshops

20 AWWA WebEx's on Water Source, Treatment, Water Quality, System Operation and Protection

Value Engineering

Vulnerability Assessments for Water Utilities, AWWA

Water Distribution Symposium and AWWA Water Security Summit

Sewer Master Plan, Sheridan, Wyoming. This project was a master plan of the Sheridan sewer system. This plan evaluated the system and developed a SewerCAD model, which assessed the capacity of the main lines, with special attention paid to the interceptors and their capacity. Included was the evaluation of the existing primarily clay tile sewers and rehabilitation methods. DOWL made recommendations for upgrading and expanding the system, with cost estimates.

Neu Vu Lift Station and Sewer, Miles City, Montana. This project included a new sewage lift station to serve both existing homes and a growing area. This station replaced a failing pneumatic ejector station. A 2,500-foot of gravity collection sewer through a congested alley was included. Dayton was the project manager and engineer for the design and construction administration.

Custer County Water & Sewer District, Miles City, Montana. Many sewer projects have been completed for this District over the years, including the design and construction of a 9,000-feet-long 8"–15" and an 8,000-feet-long 8" sewer mainline projects, the locating and raising of manhole covers, the periodic cleaning and assessment of their sewers, the design of a replacement lift station, and the GIS mapping of their sewer system. Dayton was the project manager on all of these projects.

Miles City Water and Sewer Master Plan, Miles City, Montana. This is a master plan of the Miles City water and sewer system to assess their condition and capacity to accommodate growth. Miles City is being impacted by oil development in the Bakken. These systems have several areas of concern including their age. The Miles City sewer system includes 15 lift stations because of the flat topography, so these are being assessed. GISs and hydraulic models of both systems were developed. Plans for how best to expand and upgrade the systems were also prepared. Capital improvements with cost estimates were recommended. Dayton is the project manager and an engineer for this study.

Big Horn Regional Water System, Big Horn Basin, Wyoming. This long-term project involved the planning, design, and construction of a large regional water supply and transmission system in the Big Horn Basin. This $44 million project included over 80 miles of pipelines, with materials including PVC, HDPE, cathodically protected steel, and fiberglass. The most recent phase was 11 miles of a 12/18-inch pipeline. Two pump stations, two tanks, 14 PRVs, and connection stations to other systems were involved. The work included hydraulic modeling, geotechnical evaluations, transient analysis, master planning, easement acquisition, permitting, funding acquisition, public involvement, funding agency coordination and compliance, design, and construction administration. Dayton was a project engineer.

Little Goose Water System, Sheridan Area Water System, Sheridan, Wyoming. This was a major extension of the Sheridan water system into the Little Goose valley. The project consisted of 60 miles of water mains (9 miles of which were ductile iron), 3 gravity tanks, 10 booster stations, 10 pressure reducing stations and 6 pressure zones. Corrosion protection measures are extensively used. Easements, permitting, geotech, and reclamation were significant challenges. A computer model of the water system was developed and used for designing and evaluating the operation of the system. Dayton was project manager and design engineer on this multi-phase project.

Brendan C. Hines, P.E.

Civil Engineer

Education

Bachelor of Science
Civil Engineering
Colorado State University
2005

Licenses

Colorado #53455
2017/Professional Engineer

Years of Experience

12

Training

Certified Erosion and Sediment Control Lead (CESCL)

Professional Experience

Brendan is a civil engineer in DOWL's Grand Junction, Colorado office with more than 12 years of experience on projects including land development, public improvements, school district utility and transportation improvements, water distribution modeling, water storage, wastewater distribution, and wastewater treatment plant improvements. He is experienced in site design, grading design, utility design/modeling and detailed erosion control/SWPPP permitting processes.

Project Experience

City of Montrose - CIP 1 and 2 Sewer Design, Montrose, Colorado. DOWL is performing an alternatives analysis and design of the sanitary sewer main flush from Stone Bridge Drive to Mesa Street in Montrose. As the design engineer, Brendan prepared the 60% bid documents for the installation of 4,850 lineal feet of 15-inch sanitary sewer main line. This will ultimately lead to preparing the 100% construction documents. He coordinated with the city engineer and the DOWL survey team to help acquire the easement acquisition needed for the sewer main crossing through private property.

Sam's Club #6360 Renovation, Grand Junction, Colorado. Brendan provided Construction Inspection for specific external concrete pours.

Historic Projects (prior to joining DOWL)

Wastewater Treatment Facility Update, Grand Mesa Metropolitan District #2, Powderhorn Ski Resort, Colorado. Brendan was the lead designer for the multi-phase project of updating the existing wastewater treatment facility for Powderhorn Ski Resort. The first phase involved converting the existing chlorine disinfection system to a new Ultraviolet system, and is the first of its kind. The second phase was to expand and improve the existing aerated lagoons, including replacing the existing plant transfer piping, level control structures, and the addition of synthetic liners and insulated covers to each lagoon. The third phase was to replace several portions of the sewer collection system. Brendan was responsible for the management and design for the disinfection conversion phase. This project required extensive coordination with the Colorado Department of Public Health (CDPHE), the Grand Mesa Metropolitan District, and members of the local community, as this project was held to a tight compliance schedule set by CDPHE.

Potable Water Transmission Mains Replacement Design, Town of Paonia, Colorado. Brendan was the lead designer for the replacement of approximately five miles of 50-year-old potable water transmission mains for the residents of Lamborn Mesa. He was responsible for GPS field-locating of the existing water mains. Because the existing waterlines were located across privately owned ranch and farmlands, Brendan coordinated with the Town Manager, Public Works Director, and adjacent property owners in determining the exact location for the new water mains. He was responsible for all utility design and analysis and plan production. Brendan served as both project manager and project engineer through the planning, design, and construction phases of the project.

J.T. Smith Companies Residential Site Design, Portland, Oregon. Brendan was the lead designer for new single and multi-family residential subdivision projects located throughout the greater Portland area. My duties include coordinating on the site design, all utility design and analysis (water, sanitary and stormwater), including all site grading and all drafting. I run the coordination between local jurisdictions, local utility providers, and all other players involved. For these multi-unit and single-family subdivisions, I have taken the responsibility of working through the entire design/drafting, permitting, estimating, construction/inspection, and as-built phases. I have a key role in the collaborative effort through the progression of the entire project.

Bus Route Design, Hillsboro School District, Oregon. Brendan designed the expansion for the outdated bus route in and around the school property. The project required economic design on multiple site options, including storm sewer upgrades, and constant coordination with school district board members, and City of Hillsboro engineers and planners.

Wal-Mart, Oregon. Brendan was the design engineer for new construction and building expansions for Wal-Mart Retail Stores, located throughout the Pacific Northwest. His duties included site layout design, water and wastewater distribution design and analysis, stormwater analysis/design, and site grading. He managed coordination between local jurisdictions, local utility providers, architects, landscape architects, electrical/mechanical engineers, surveyors, contractors, and other engineers for utility design, and erosion control/SWPPP permitting, as well as quantity/cost estimating.

FWI of Oregon Development, Warrenton, Oregon. Brendan was the design engineer for a multi-unit retail development in northwest Oregon. His duties included overall site grading, sanitary and water distribution, as well as stormwater modeling, using XPSWMM. Development of the Erosion and Sediment Control Plans, included in the 1200-C, NPDES permitting process.

Steamboat Springs Ski Area Redevelopment, Steamboat Springs, Colorado. Brendan was the design engineer for the Steamboat Ski Resort Base Area Redevelopment. His duties included grading existing ski runs for new high-speed chair lifts; construction cost estimates; bid scheduling; surveying and staking for street improvements including utility upgrades and relocations. He was the designer and construction inspector of 2,000 feet of 78-inch CMP culvert for underground creek relocation.

Tower Commons, Denver, Colorado. Brendan was the construction consultant/administrator for a 17-acre retail and commercial development. Site visits included concrete and asphalt testing, and using a nuclear compaction and moisture gauge. He prepared sanitary sewer design, dry utility design, and as-built drawings. Site visits also included coordination with the City of Denver, private contractors, and benefactors.

Professional Geologist

Education

Bachelor of Science
Geography
Pennsylvania State University
1984

Master of Science
Remote Sensing
Cornell University
1986

Licenses

Alaska #10967
2006/Certified Professional Geologist

#1709255179654
2017/HAZWOPER

Years of Experience

20

Professional Affiliations

American Institute of Professional Geologists (AIPG) · Association of Women Geoscientists

Professional Experience

Laurie is a Certified Professional Geologist and her duties include project management, arranging testing equipment, performing field geologic and geotechnical evaluations, overseeing laboratory testing, analyzing results with engineers, researching sites, and writing technical reports. Laurie also performs geologic, mineral resource, and geologic hazard assessments. She has worked on hundreds of projects that include roads, bridges, canals, wetland banks, unstable slopes, geologic hazards, and drainages, so she is well aware of the soil and geologic conditions of western Colorado and the geotechnical engineering methods that are successfully used in the region. Her expertise and understanding of the local geology and soils makes her perfectly matched to develop the most effective field testing protocol, perform the geotechnical evaluations, analyze remediation options with the design team, and report findings to technical and public audiences.

Project Experience

Town of Telluride, Geologic Hazards Assessment for Pandora Raw & Potable Waterline Project, Telluride, Colorado. Evaluated the geologic setting and geologic hazards relevant to a proposed waterline to deliver water from a high altitude basin to the Town of Telluride, crossing extreme terrain subject to significant rockfall, debris flow, avalanche and slope stability hazards. Analysis included field mapping, historic photo review, interviews with miners and locals, aerial photograph interpretation, rockfall modeling, and ranking of magnitude and recurrence intervals of all hazards. A risk matrix was developed to evaluate options and mitigation methods for all construction activities and permanent infrastructure, including access roads, pipeline, surface and subsurface structures and construction excavation (cuts/fills, blasting, excavation). Laurie also participated in the geotechnical evaluations of the raw waterline route, water treatment plant, and potable waterline.

U.S. Bureau of Reclamation Project for Mancos Water Conservancy District, Jackson Gulch Inlet Canal Rehabilitation Project, Mancos, Colorado. Constructed around 1950 to provide irrigation and domestic water to the town of Mancos and Mesa Verde National Park, the earth and concrete canal traverses steep slopes composed of sandstone and shale bedrock that is susceptible to rockfall, debris flows, and slope movement. Remediation was needed due to chronic repairs and impending failure of a vital water delivery system. DOWL provided geotechnical, civil, and structural design as well as bid and construction phase services. Laurie performed a geotechnical field investigation, installed standpipe piezometers for monitoring groundwater, and mapped the geologic hazards.

16 Road at N.3 and O.5 Bridges, Mesa County, Colorado. DOWL performed the civil, structural, surveying, and geotechnical engineering analysis and design for two Mesa County bridges on 16 Road. Both bridges, located north-northwest of the City of Fruita and span the Grand Valley Highline Canal, were load-limited and near their functional obsolescence. Laurie was responsible for coordinating field work with a drill rig and surveyors, working with utility locaters, performing geotechnical field evaluation, oversight of laboratory testing, evaluating results and discussing options with in-house

(AWG) · Geological Society of America (GSA) · Grand Junction Geological Society (GJGS) · Rocky Mountain Association of Geologists (RMAG)

geotechnical and design engineers, and writing the geotechnical report.

Fruita Connection Riverfront Trail, Mesa County, Colorado. DOWL (formerly as Buckhorn Geotech) designed 8.1 miles of pedestrian-bicycle trail connecting Grand Junction to Fruita. The project involved our civil, structural, geotechnical, surveying, lab, and field materials testing expertise. We conducted numerous public meetings and presentations of findings and alternatives. DOWL completed the quarterly Special Terms and Conditions for the Energy Efficiency and Conservation Block Grants Program Performance Reporting Worksheets. Work in the CDOT right-of-way required extensive coordination with CDOT, Federal Highway Administration, U.S. Army Corps of Engineers, local entities, and utilities. Laurie performed the geotechnical evaluation, graphics, and reporting as well as construction-phase verifications regarding soil conditions.

Bosley Wash Detention Pond, Grand Junction, Colorado. The Bosley Wash Detention Pond project involves the final design and construction of a jurisdictional stormwater detention pond intended to provide 81 acre-feet of runoff storage, thereby reducing impacts to I-70. DOWL's evaluation included surveying, geophysical mapping, drilling, and laboratory testing. Laurie performed the geotechnical field investigation and contributed to the project's graphics and geotechnical report.

CRIR Consolidated Bridge No 2, Colorado River Reservation, Arizona. DOWL teamed with Northern Engineering and Consulting, Inc. (NECI) to develop designs for four (4) replacement bridges on the Colorado River Indian Reservation (CRIT) in Arizona under contract to the Bureau of Indian Affairs. These bridges are located over unlined irrigation drainage ditches and received a Sufficiency Rating (SR) below 50 in the 2014 Strategic Long-Range Transportation Plan for the Colorado River Indian Tribes Final Report, and are considered structurally deficient and in need of rehabilitation or replacement. DOWL's responsibilities included survey, geotechnical drilling, laboratory testing, hydrology and hydraulics, bridge design, and preparation of an Environmental Assessment (EA). Laurie oversaw the field geotechnical drilling program for the four bridge sites and along the roadway approaches and was the primary author of the geotechnical report with recommendations for the bridge abutments, scour protection, soil strength parameters, geotechnical considerations, and pavement design.

Kokopelli Trail Geotech, City of Fruita, Colorado. DOWL performed the geotechnical evaluation of a 10 foot wide, 5.75 mile long, paved recreational trail from the City of Fruita to the Kokopelli Trailhead, on BLM land. We logged and sampled 22 boreholes and test pits along the alignment, which required utility locates and a Colorado Department of Transportation (CDOT) special use permit. DOWL provided laboratory testing, pavement design, analysis and reporting for the design of the trail, two bridges, retaining walls, scour protection from the Colorado River, and protection from other geologic hazards. Laurie was responsible for obtaining required permits, including the CDOT ROW permit, coordinating field work with a drill rig and backhoe, working with utility locaters, performing geotechnical field evaluation, oversight of laboratory testing, evaluating results and discussing options with in-house geotechnical engineer and City of Fruita project engineer, and writing the geotechnical report.

Jeremiah E. Holland, P.E.

Senior Geotechnical Engineer

Education

Bachelor of Science
Geological Engineering
Colorado School of Mines
1999

Master of Science
Geotechnics
Missouri University of Science and Technology
2014

Licenses

Professional Engineer:
Alaska #12636
Arizona #63497
Colorado #40723
Washington #44483

Years of Experience

18

Professional Affiliations

American Society of Civil Engineers · Association of Engineering Geologists

Professional Experience

Jeremiah is a registered professional engineer in the States of Alaska, Colorado, and Washington. He has extensive experience leading projects related to transportation, infrastructure, land development, mining and oil and gas. Jeremiah has expertise in geotechnical engineering, arctic ground conditions, rock and soil mechanics, engineering geology, software modeling including SLIDE, Settle3D, and Phase2, CQA, construction materials field and laboratory testing, and project management.

Project Experience

Ouray Hot Springs Pool, Ouray, Colorado. The City of Ouray demolished and removed their existing hot springs pool and replaced it with a modern facility. DOWL was selected to provide the CMT during placement of the site soil, imported structural fill, and shotcrete for the walls. DOWL also sampled and tested the concrete placed for the foundation components, and the grout for the CMU wall construction. Upon encountering poor soil conditions after the existing pool was removed, DOWL also provided geotechnical recommendations for the pool walls. Jeremiah provided the geotechnical review and recommendations.

Northern Water Reclamation Facility, Colorado Springs, Colorado. Supervised civil engineering technicians and reviewed construction materials testing and observations for a $66 million wastewater treatment facility. Testing included soil moisture-density testing, caisson drilling observations, concrete testing, masonry testing, and reinforcing steel observations.

Telluride Express Washbay, Montrose, Montrose, Colorado. DOWL provided the surveying and geotechnical services for a 5,500-square-foot commercial washbay and office space. Poor site drainage and weak soils required a deep foundation system. Jeremiah provided the geotechnical engineering analysis and oversight.

Sinclair Meadows – Aspen Skiing Company, Snowmass, Colorado. Jeremiah was the geotechnical engineer responsible for the subsurface site investigation, permitting, slope stability analysis, and recommendations. The site encompassed 23 acres on a pre-historic landslide with a slickenside basal shear zone in the Mancos Shale approximately 80 feet below ground surface. Rock coring, Standard Penetration sampling, and Modified California sampling were used to obtain samples down to 100 feet below the surface. Triaxial, direct shear, and soil index testing were used to profile the subsurface characteristics and a model of the slope was created for slope stability analysis using Rocscience's Slide program. Analysis indicated the observed shear zones were likely instigated during the previous ice age and ancient in nature. Updated conditions indicated a high factor of safety.

Round River Ranch Camp – Hole in the Wall Camps, Edwards, Colorado. Jeremiah provided geotechnical engineering and geological hazards site investigation and foundation recommendations for the camp's various structures. The camps were created for children with a serious illness. Proposed structures include a cafeteria, lodge, water treatment facility, wastewater treatment facility, cabins, and others.

Joseph S. Rease, PLS

Survey Manager

Education

Associate of Applied Science
Surveying Engineering Technology
Alfred State College
1996

Licenses

Colorado #36067
2001/Professional Land Surveyor

Years of Experience

24

Training

GPS Training Seminars

Professional Experience

Joe has more than 24 years of experience in land survey, encompassing almost all of the disciplines of land surveying. Having worked in the western states for 21 years, he offers expertise in improvement surveys, construction survey/layout, and boundary and topographic surveys, as well as other facets of land surveying that integrates traditional survey methods with GPS and other modern technologies. As a contract surveyor with the US Forest Service for nine years, Joe has seen harsh weather, difficult terrain, and rough working conditions on projects all over Colorado as well as in other states with other clients.

Project Experience

TransColorado Pipeline Project, Western Colorado. Joe surveyed the pipe location and section breakdowns to create easements and maps as well as for booster stations, access roads, and other facilities throughout the project area.

Airport Trunk Sewer, Montrose, Colorado. Joe was responsible for oversight of topographic survey and information for project design, construction surveying, and layout.

Town of Olathe Storm Water System Improvements Phase I, Olathe, Colorado. This project consisted of providing civil engineering plan and profile plans for use during bidding and construction. The project included the design of necessary road improvements to guide drainage away from trouble locations and to assist in carrying storm water to proposed inlets and manholes as well as a boring plan for the Union Pacific Railroad crossing of the storm sewer pipe and details on installation of the proposed storm sewer pipe, manholes and inlets, curb and gutter, and valley pan. Joe's role in this project was to oversee the topographical and ROW surveying and record document research necessary to design the project as well as obtain the requisite Non-intrusive Survey Permit for work within the Union Pacific Railroad ROW.

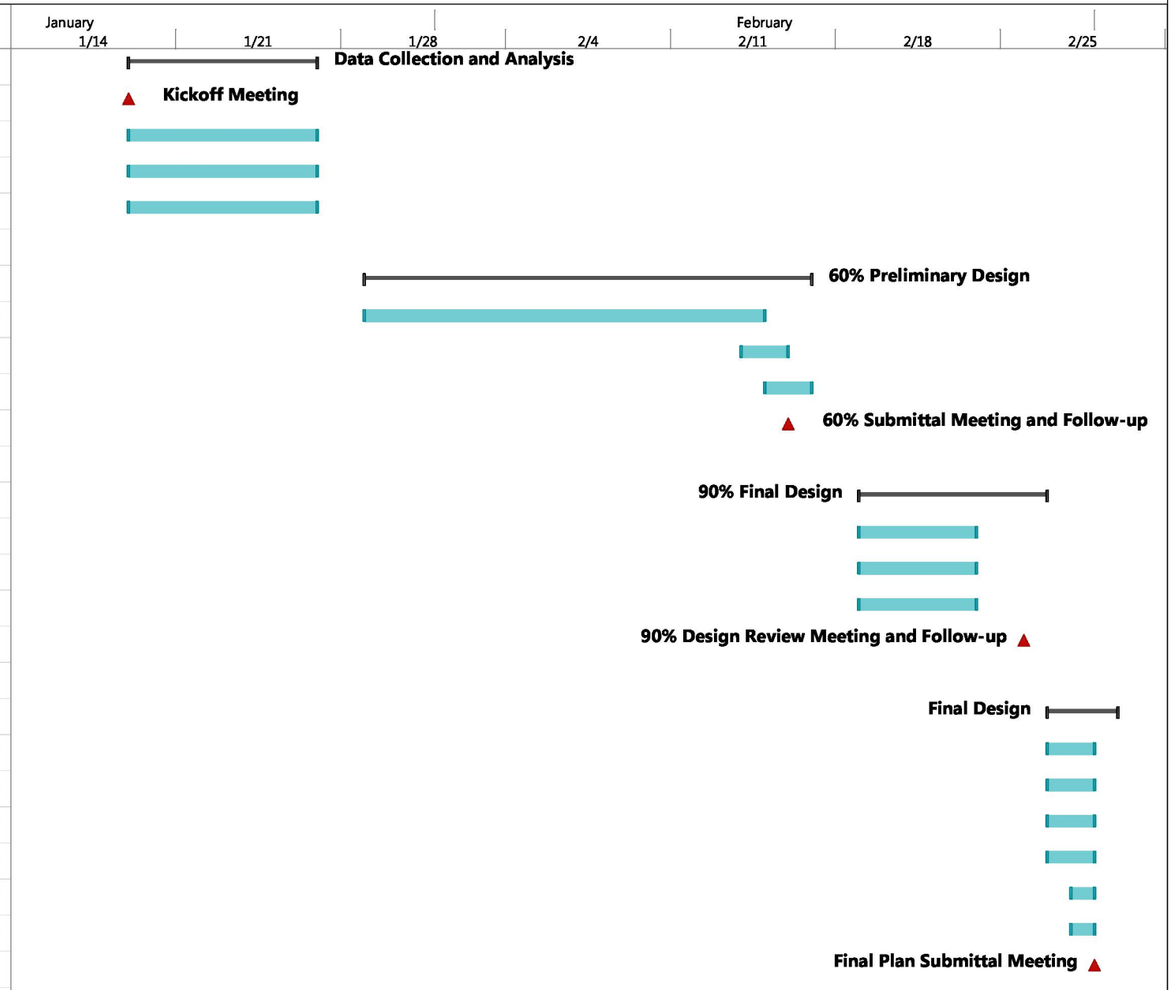
Escalante Bridge Replacement, Delta County, Colorado. As the leader of DOWL's survey team, Joe was responsible for providing survey data to the engineers as well as attending FOR and ROW Plan Review (ROWPR) meetings with CDOT. Joe also worked closely with Delta County's ROW acquisition specialist to stake proposed and existing ROWs for review and consideration during the acquisition process.

Bosley Wash Detention Pond, Grand Junction, Colorado. The Bosley Wash Detention Pond project involves the final design and construction of a jurisdictional stormwater detention pond intended to provide 81 acre-feet of runoff storage, thereby reducing impacts to I-70. DOWL's evaluation included surveying, geophysical mapping, drilling, and laboratory testing. Joe was responsible for coordinating and performing the topographical, utility, and boundary surveys associated with the project.

F.4 – Project Schedule/Gantt Chart

City of Grand Junction
2018 Sewer Line Replacement - Phase A
RFP-4445-18-DH
Proposed Schedule

Task Name	Duration	Start	Finish
Data Collection and Analysis	**6 days**	**Fri 1/19/18**	**Fri 1/26/18**
Kickoff Meeting	1 day	Fri 1/19/18	Fri 1/19/18
Data Review	6 days	Fri 1/19/18	Fri 1/26/18
Geotechnical Investigation	6 days	Fri 1/19/18	Fri 1/26/18
Utility Coordination	6 days	Fri 1/19/18	Fri 1/26/18
60% Preliminary Design	**15 days**	**Mon 1/29/18**	**Fri 2/16/18**
Preliminary Design	13 days	Mon 1/29/18	Wed 2/14/18
Internal DOWL Quality Assurance Reviews / Accuracy Tests	2 days	Wed 2/14/18	Thu 2/15/18
CGJ Review 60% Submittal Preparation	2 days	Thu 2/15/18	Fri 2/16/18
60% Submittal Meeting and Follow-up	1 day	Fri 2/16/18	Fri 2/16/18
90% Final Design	**6 days**	**Mon 2/19/18**	**Mon 2/26/18**
Fianl Design	5 days	Mon 2/19/18	Fri 2/23/18
Internal DOWL Quality Assurance Reviews / Accuracy Tests	5 days	Mon 2/19/18	Fri 2/23/18
CGJ Review 90% Submittal Preparation	5 days	Mon 2/19/18	Fri 2/23/18
90% Design Review Meeting and Follow-up	1 day	Mon 2/26/18	Mon 2/26/18
Final Design	**3 days**	**Tue 2/27/18**	**Thu 3/1/18**
Final Design Plans	2 days	Tue 2/27/18	Wed 2/28/18
Specifications	2 days	Tue 2/27/18	Wed 2/28/18
Construction Plan Package	2 days	Tue 2/27/18	Wed 2/28/18
Bid Schedule	2 days	Tue 2/27/18	Wed 2/28/18
Internal DOWL Quality Assurance Reviews / Accuracy Tests	1 day	Wed 2/28/18	Wed 2/28/18
Preparation for the 90% Design Review Meeting	1 day	Wed 2/28/18	Wed 2/28/18
Final Plan Submittal Meeting	1 day	Thu 3/1/18	Thu 3/1/18
Bid Phase Services			
Pre-Bid Meeting and Follow-up (TBD)			



DOWL
Dan Quigley, P.E.
970.497.8852
dquigley@dowl.com

SECTION 7.0: SOLICITATION RESPONSE FORM

RFP-4445-18-DH Professional Engineering Services for 2018 Sewer Line Replacements Phase A

Offeror must submit entire Form completed, dated and signed.

1) Cost not to Exceed Price, per scope of services:

Price $ 71,840.00

WRITTEN: Seventy-one thousand, eight hundred and forty **dollars.**

The Owner reserves the right to accept any portion of the Services to be performed at its discretion

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The undersigned has thoroughly examined the entire Request for Proposals and therefore submits the proposal and schedule of fees and services attached hereto.

This offer is firm and irrevocable for sixty (60) days after the time and date set for receipt of proposals.

The undersigned Offeror agrees to provide services and products in accordance with the terms and conditions contained in this Request for Proposal and as described in the Offeror's proposal attached hereto; as accepted by the Owner.

Prices in the proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or firm to submit a proposal for the purpose of restricting competition.
- The individual signing this proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-903544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of 0 percent of the net dollar will be offered to the Owner if the invoice is paid within n/a days after the receipt of the invoice.

RECEIPT OF ADDENDA: the undersigned Consultant/Firm acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: 1.

It is the responsibility of the Proposer to ensure all Addenda have been received and acknowledged.

DOWL	
Company Name – (Typed or Printed)	Authorized Agent – (Typed or Printed)
Authorized Agent Signature	Phone Number
222 S. Park Ave.	
Address of Offeror	E-mail Address of Agent
Montrose, CO 81401	
City, State, and Zip Code	Date

City of Grand Junction - 2018 Sewer Line Replacements Phase A
RFP-4445-18-DH
Schedule of Fees

			DOWL							
		Total Cost of Services	QA/QC $ 200.00	Prj. Mngr. $ 140.00	Sr. Dsgnr. $ 100.00	Geo. Engr. $ 180.00	Geologist $ 125.00	Surv. Mgr. $110.00	Surv. Crew $200.00	Reimbursable Expenses
Phase 1 -Data Collection and Analysis		**$ 17,220**								
1.1	Kickoff Meeting	$ 480		2	2					
1.3	Existing Data Review	$ 1,920		8	8					
1.6	Utility Coordination	$ 1,600			16					
1.7	Project Survey Review (topo, boundary, utility, hydrology, local control etc.)	$ 880						8		
1.8	Basemap Development	$ 3,280			24			8		
1.9	Geotechnical Investigation (including traffic control, drill rig and lab tests)	$ 8,500					24			$5,500
1.10	Review of Findings and Progress Meetings with CGJ	$ 560		4						
Phase 2 - 60% Preliminary Design		**$ 20,080**								
2.1	Progress Meetings with CGJ PM and Utilities	$ 1,120		8						
2.4	Preliminary Geotechnical Report	$ 3,440				8	16			
2.5	Internal DOWL Quality Assurance Reviews/ Accuracy Tests	$ 1,600	8							
2.6	60% Design Design Plans	$ 12,560		4	120					
2.7	60% Design Review Meeting and Follow-up	$ 1,360		4	8					
Phase 3 -90% Final Design		**$ 23,460**								
3.1	Progress Meetings with CGJ PM and Utilities	$ 1,120		8						
3.2	90% Sewer Design Plans	$ 8,560		4	80					
3.4	Final Geotechnical Report	$ 2,220				4	12			
3.5	Final PME, TCE, ROW Exhibits and Descriptions	$ 2,920						12	8	
3.6	Final Special Specifications	$ 1,120		8						
3.7	90% Engineer's Estimate of Probable Cost and Bid Schedule	$ 1,080		2	8					
3.8	Internal DOWL Quality Assurance Reviews/ Accuracy Tests	$ 1,600	8							
3.90	90% Design Submittal Prep	$ 4,560		4	40					
3.10	90% Design Review Meeting and Follow-up	$ 280		2						
Phase 4 - Design Phase Completion		**$ 9,720**								
4.1	Construction Plan Package	$ 5,120		8	40					
4.2	Final Engineering Reports	$ 1,360		4	8					
4.3	Final Engineer's Estimate of Probable Cost and Bid Schedule	$ 1,080		2	8					
4.4	Internal DOWL Quality Assurance Reviews/ Accuracy Tests	$ 1,600	8							
4.5	Final Plan Submittal Meeting with CGJ	$ 560		4						
Phase 5 - Bid Phase Services		**$ 1,360**								
5.1	Pre-Bid Meeting and Follow-up	$ 1,360		4	8					
Phase 7 - Construction Phase Services (TBD)										
DOWL		**$ 71,840**	**24**	**80**	**370**	**12**	**52**	**28**	**8**	
			$ 4,800.00	$ 11,200.00	$ 37,000.00	$ 2,160.00	$ 6,500.00	$ 3,080.00	$ 1,600.00	$ 5,500.00

Request for Proposal
RFP-4445-18-DH

Professional Engineering Services for 2018 Sewer Line Replacements Phase A

RESPONSES DUE:
January 5, 2018 prior to 3:30 PM MST
Accepting Electronic Responses Only
Responses Only Submitted Through the Rocky Mountain E-Purchasing System (RMEPS)
https://www.rockymountainbidsystem.com/default.asp
(Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor MUST contact RMEPS to resolve issue prior to the response deadline. 800-835-4603)

PURCHASING REPRESENTATIVE:
Duane Hoff Jr., Senior Buyer
duaneh@gjcity.org
(970) 244-1545

This solicitation has been developed specifically for a Request for Proposal intended to solicit competitive responses for this solicitation, and may not be the same as previous City of Grand Junction/Mesa County solicitations. All offerors are urged to thoroughly review this solicitation prior to submitting. Submittal by **FAX, EMAIL or HARD COPY IS NOT ACCEPTABLE** for this solicitation.

REQUEST FOR PROPOSAL

TABLE OF CONTENTS

Section

REQUEST FOR PROPOSAL

SECTION 1.0: ADMINISTRATIVE INFORMATION & CONDITIONS FOR SUBMITTAL

1.1 Issuing Office: This Request for Proposal (RFP) is issued by the City of Grand Junction. All contact regarding this RFP is directed to:

RFP QUESTIONS:
Duane Hoff Jr., Senior Buyer
duaneh@gjcity.org

1.2 Purpose: The purpose of this RFP is to obtain proposals from qualified individuals and firms interested in providing professional civil engineering services to prepare construction drawings and bid documents for the **2018 SEWER LINE REPLACEMENTS PHASE A.**

1.3 The Owner: The Owner is the City of Grand Junction, Colorado and is referred to throughout this Solicitation. The term Owner means the Owner or his authorized representative.

1.4 Compliance: All participating Offerors, by their signature hereunder, shall agree to comply with all conditions, requirements, and instructions of this RFP as stated or implied herein. Should the Owner omit anything from this packet which is necessary to the clear understanding of the requirements, or should it appear that various instructions are in conflict, the Offeror(s) shall secure instructions from the Purchasing Division prior to the date and time of the submittal deadline shown in this RFP.

1.5 Submission: Please refer to section 5.0 for what is to be included. ***Each proposal shall be submitted in electronic format only, and only through the Rocky Mountain E-Purchasing website (***https://www.rockymountainbidsystem.com/default.asp***).*** *This site offers both "free" and "paying" registration options that allow for full access of the Owner's documents and for electronic submission of proposals. (Note: "free" registration may take up to 24 hours to process. Please Plan accordingly.)* Please view our "**Electronic Vendor Registration Guide"** at http://www.gjcity.org/business-and-economic-development/bids/ for details. For proper comparison and evaluation, the City requests that proposals be formatted as directed in Section 5.0 "Preparation and Submittal of Proposals." Submittals received that fail to follow this format may be ruled non-responsive. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. **800-835-4603**).

1.6 Altering Proposals: Any alterations made prior to opening date and time must be initialed by the signer of the proposal, guaranteeing authenticity. Proposals cannot be altered or amended after submission deadline.

1.7 Withdrawal of Proposal: A proposal must be firm and valid for award and may not be withdrawn or canceled by the Offeror for sixty (60) days following the submittal deadline date, and only prior to award. The Offeror so agrees upon submittal of their proposal. After award this statement is not applicable.

1.8 Acceptance of Proposal Content: The contents of the proposal of the successful Offeror shall become contractual obligations if acquisition action ensues. Failure of the successful Offeror to accept these obligations in a contract shall result in cancellation of the award and such vendor shall be removed from future solicitations.

1.9 Addenda: All questions shall be submitted in writing to the appropriate person as shown in Section 1.1. Any interpretations, corrections and changes to this RFP or extensions to the opening/receipt date shall be made by a written Addendum to the RFP by the City Purchasing Division. Sole authority to authorize addenda shall be vested in the City of Grand Junction Purchasing Representative. Addenda will be issued electronically through the Rocky Mountain E-Purchasing website at www.rockymountainbidsystem.com. Offerors shall acknowledge receipt of all addenda in their proposal.

1.10 Exceptions and Substitutions: All proposals meeting the intent of this RFP shall be considered for award. Offerors taking exception to the specifications shall do so at their own risk. The Owner reserves the right to accept or reject any or all substitutions or alternatives. When offering substitutions and/or alternatives, Offeror must state these exceptions in the section pertaining to that area. Exception/substitution, if accepted, must meet or exceed the stated intent and/or specifications. The absence of such a list shall indicate that the Offeror has not taken exceptions, and if awarded a contract, shall hold the Offeror responsible to perform in strict accordance with the specifications or scope of Services contained herein.

1.11 Confidential Material: All materials submitted in response to this RFP shall ultimately become public record and shall be subject to inspection after contract award. **"Proprietary or Confidential Information"** is defined as any information that is not generally known to competitors and which provides a competitive advantage. Unrestricted disclosure of proprietary information places it in the public domain. Only submittal information clearly identified with the words "***Confidential Disclosure***" and uploaded as a separate document shall establish a confidential, proprietary relationship. Any material to be treated as confidential or proprietary in nature must include a justification for the request. The request shall be reviewed and either approved or denied by the Owner. If denied, the proposer shall have the opportunity to withdraw its entire proposal, or to remove the confidential or proprietary restrictions. Neither cost nor pricing information nor the total proposal shall be considered confidential or proprietary.

1.12 Response Material Ownership: All proposals become the property of the Owner upon receipt and shall only be returned to the proposer at the Owner's option. Selection or rejection of the proposal shall not affect this right. The Owner shall have the right to use all ideas or adaptations of the ideas contained in any proposal received in response to this RFP, subject to limitations outlined in the entitled "Confidential Material". Disqualification of a proposal does not eliminate this right.

1.13 Minimal Standards for Responsible Prospective Offerors: A prospective Offeror must affirmably demonstrate their responsibility. A prospective Offeror must meet the following requirements.

- Have adequate financial resources, or the ability to obtain such resources as required.

- Be able to comply with the required or proposed completion schedule.
- Have a satisfactory record of performance.
- Have a satisfactory record of integrity and ethics.
- Be otherwise qualified and eligible to receive an award and enter into a contract with the Owner.

1.14 Open Records: Proposals shall be received and publicly acknowledged at the location, date, and time stated herein. Offerors, their representatives and interested persons may be present. Proposals shall be received and acknowledged only so as to avoid disclosure of process. However, all proposals shall be open for public inspection after the contract is awarded. Trade secrets and confidential information contained in the proposal so identified by offer as such shall be treated as confidential by the Owner to the extent allowable in the Open Records Act.

1.15 Sales Tax: The Owner is, by statute, exempt from the State Sales Tax and Federal Excise Tax; therefore, all fees shall not include taxes.

1.16 Public Opening: Proposals shall be opened in the City Hall Auditorium, 250 North 5th Street, Grand Junction, CO, 81501, immediately following the proposal deadline. Offerors, their representatives and interested persons may be present. Only the names and locations on the proposing firms will be disclosed.

SECTION 2.0: GENERAL CONTRACT TERMS AND CONDITIONS

2.1. Acceptance of RFP Terms: A proposal submitted in response to this RFP shall constitute a binding offer. Acknowledgment of this condition shall be indicated on the Letter of Interest or Cover Letter by the autographic signature of the Offeror or an officer of the Offeror legally authorized to execute contractual obligations. A submission in response to the RFP acknowledges acceptance by the Offeror of all terms and conditions including compensation, as set forth herein. An Offeror shall identify clearly and thoroughly any variations between its proposal and the Owner's RFP requirements. Failure to do so shall be deemed a waiver of any rights to subsequently modify the terms of performance, except as outlined or specified in the RFP.

2.2. Execution, Correlation, Intent, and Interpretations: The Contract Documents shall be signed by the Owner and Consultant/Firm. By executing the contract, the Consultant/Firm represents that they have familiarized themselves with the local conditions under which the Services is to be performed, and correlated their observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by any one, shall be as binding as if required by all. The intention of the documents is to include all labor, materials, equipment, services and other items necessary for the proper execution and completion of the scope of Services as defined in the technical specifications and drawings contained herein. All drawings, specifications and copies furnished by the Owner are, and shall remain, Owner property. They are not to be used on any other project.

2.3. Permits, Fees, & Notices: The Consultant/Firm shall secure and pay for all permits, governmental fees and licenses necessary for the proper execution and completion of the Services. The Consultant/Firm shall give all notices and comply with all laws, ordinances,

rules, regulations and orders of any public authority bearing on the performance of the Services. If the Consultant/Firm observes that any of the Contract Documents are at variance in any respect, he shall promptly notify the Owner in writing, and any necessary changes shall be adjusted by approximate modification. If the Consultant/Firm performs any Services knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall assume full responsibility and shall bear all costs attributable.

2.4. Responsibility for those Performing the Services: The Consultant/Firm shall be responsible to the Owner for the acts and omissions of all his employees and all other persons performing any of the Services under a contract with the Consultant/Firm.

2.5. Payment & Completion: The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Consultant/Firm for the performance of the Services under the Contract Documents. Upon receipt of written notice that the Services is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when they find the Services acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents. Partial payments will be based upon estimates, prepared by the Consultant/Firm, of the value of Services performed and materials placed in accordance with the Contract Documents. The Services performed by Consultant/Firm shall be in accordance with generally accepted professional practices and the level of competency presently maintained by other practicing professional firms in the same or similar type of Services in the applicable community. The Services and services to be performed by Consultant/Firm hereunder shall be done in compliance with applicable laws, ordinances, rules and regulations.

2.6. Changes in the Services: The Owner, without invalidating the contract, may order changes in the Services within the general scope of the contract consisting of additions, deletions or other revisions. All such changes in the Services shall be authorized by Change Order/Amendment and shall be executed under the applicable conditions of the contract documents. A Change Order/Amendment is a written order to the Consultant/Firm signed by the Owner issued after the execution of the contract, authorizing a change in the Services or an adjustment in the contract sum or the contract time.

2.7. Minor Changes in the Services: The Owner shall have authority to order minor changes in the Services not involving an adjustment in the contract sum or an extension of the contract time and not inconsistent with the intent of the contract documents.

2.8. Uncovering & Correction of Services: The Consultant/Firm shall promptly correct all Services found by the Owner as defective or as failing to conform to the contract documents. The Consultant/Firm shall bear all costs of correcting such rejected Services, including the cost of the Owner's additional services thereby made necessary. The Owner shall give such notice promptly after discover of condition. All such defective or non-conforming Services under the above paragraphs shall be removed from the site where necessary and the Services shall be corrected to comply with the contract documents without cost to the Owner.

2.9. Acceptance Not Waiver: The Owner's acceptance or approval of any Services furnished hereunder shall not in any way relieve the proposer of their present responsibility to maintain the high quality, integrity and timeliness of his Services. The Owner's approval or acceptance of, or payment for, any services shall not be construed as a future waiver of any rights under this Contract, or of any cause of action arising out of performance under this Contract.

2.10. Change Order/Amendment: No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All amendments to the contract shall be made in writing by the Owner.

2.11. Assignment: The Offeror shall not sell, assign, transfer or convey any contract resulting from this RFP, in whole or in part, without the prior written approval from the Owner.

2.12. Compliance with Laws: Proposals must comply with all Federal, State, County and local laws governing or covering this type of service and the fulfillment of all ADA (Americans with Disabilities Act) requirements. Consultant/Firm hereby warrants that it is qualified to assume the responsibilities and render the services described herein and has all requisite corporate authority and professional licenses in good standing, required by law.

2.13. Debarment/Suspension: The Consultant/Firm herby certifies that the Consultant/Firm is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Governmental department or agency.

2.14. Confidentiality: All information disclosed by the Owner to the Offeror for the purpose of the Services to be done or information that comes to the attention of the Offeror during the course of performing such Services is to be kept strictly confidential.

2.15. Conflict of Interest: No public official and/or Owner employee shall have interest in any contract resulting from this RFP.

2.16. Contract: This Request for Proposal, submitted documents, and any negotiations, when properly accepted by the Owner, shall constitute a contract equally binding between the Owner and Offeror. The contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral, including the Proposal documents. The contract may be amended or modified with Change Orders, Field Orders, or Amendment.

2.17. Project Manager/Administrator: The Project Manager, on behalf of the Owner, shall render decisions in a timely manner pertaining to the Services proposed or performed by the Offeror. The Project Manager shall be responsible for approval and/or acceptance of any related performance of the Scope of Services.

2.18. Contract Termination: This contract shall remain in effect until any of the following occurs: (1) contract expires; (2) completion of services; (3) acceptance of services or, (4) for convenience terminated by either party with a written *Notice of Cancellation* stating

therein the reasons for such cancellation and the effective date of cancellation at least thirty days past notification.

2.19. Employment Discrimination: During the performance of any services per agreement with the Owner, the Offeror, by submitting a Proposal, agrees to the following conditions:

2.19.1. The Offeror shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, disability, citizenship status, marital status, veteran status, sexual orientation, national origin, or any legally protected status except when such condition is a legitimate occupational qualification reasonably necessary for the normal operations of the Offeror. The Offeror agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

2.19.2. The Offeror, in all solicitations or advertisements for employees placed by or on behalf of the Offeror, shall state that such Offeror is an Equal Opportunity Employer.

2.19.3. Notices, advertisements, and solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

2.20. Immigration Reform and Control Act of 1986 and Immigration Compliance: The Offeror certifies that it does not and will not during the performance of the contract employ illegal alien Servicesers or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or the immigration compliance requirements of State of Colorado C.R.S. § 8-17.5-101, *et.seq.* (House Bill 06-1343).

2.21. Ethics: The Offeror shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official, or agent of the Owner.

2.22. Failure to Deliver: In the event of failure of the Offeror to deliver services in accordance with the contract terms and conditions, the Owner, after due oral or written notice, may procure the services from other sources and hold the Offeror responsible for any costs resulting in additional purchase and administrative services. This remedy shall be in addition to any other remedies that the Owner may have.

2.23. Failure to Enforce: Failure by the Owner at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the Owner to enforce any provision at any time in accordance with its terms.

2.24. Force Majeure: The Offeror shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the Offeror, unless otherwise specified in the contract.

2.25. Indemnification: Offeror shall defend, indemnify and save harmless the Owner and all its officers, employees, insurers, and self-insurance pool, from and against all liability, suits, actions, or other claims of any character, name and description brought for or on

account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the Offeror, or of any Offeror's agent, employee, subConsultant/Firm or supplier in the execution of, or performance under, any contract which may result from proposal award. Offeror shall pay any judgment with cost which may be obtained against the Owner growing out of such injury or damages.

2.26. Independent Firm: The Offeror shall be legally considered an Independent Firm and neither the Firm nor its employees shall, under any circumstances, be considered servants or agents of the Owner. The Owner shall be at no time legally responsible for any negligence or other wrongdoing by the Firm, its servants, or agents. The Owner shall not withhold from the contract payments to the Firm any federal or state unemployment taxes, federal or state income taxes, Social Security Tax or any other amounts for benefits to the Firm. Further, the Owner shall not provide to the Firm any insurance coverage or other benefits, including Servicesers' Compensation, normally provided by the Owner for its employees.

2.27. Nonconforming Terms and Conditions: A proposal that includes terms and conditions that do not conform to the terms and conditions of this Request for Proposal is subject to rejection as non-responsive. The Owner reserves the right to permit the Offeror to withdraw nonconforming terms and conditions from its proposal prior to a determination by the Owner of non-responsiveness based on the submission of nonconforming terms and conditions.

2.28. Ownership: All plans, prints, designs, concepts, etc., shall become the property of the Owner.

2.29. Oral Statements: No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this document and/or resulting agreement. All modifications to this request and any agreement must be made in writing by the Owner.

2.30. Patents/Copyrights: The Offeror agrees to protect the Owner from any claims involving infringements of patents and/or copyrights. In no event shall the Owner be liable to the Offeror for any/all suits arising on the grounds of patent(s)/copyright(s) infringement. Patent/copyright infringement shall null and void any agreement resulting from response to this RFP.

2.31. Venue: Any agreement as a result of responding to this RFP shall be deemed to have been made in, and shall be construed and interpreted in accordance with, the laws of the City of Grand Junction, Mesa County, Colorado.

2.32. Expenses: Expenses incurred in preparation, submission and presentation of this RFP are the responsibility of the company and can not be charged to the Owner.

2.33. Sovereign Immunity: The Owner specifically reserves its right to sovereign immunity pursuant to Colorado State Law as a defense to any action arising in conjunction to this agreement.

2.34. Public Funds/Non-Appropriation of Funds: Funds for payment have been provided through the Owner's budget approved by the City Council/Board of County Commissioners for the stated fiscal year only. State of Colorado statutes prohibit the obligation and expenditure of public funds beyond the fiscal year for which a budget has been approved. Therefore, anticipated orders or other obligations that may arise past the end of the stated Owner's fiscal year shall be subject to budget approval. Any contract will be subject to and must contain a governmental non-appropriation of funds clause.

2.35. Collusion Clause: Each Offeror by submitting a proposal certifies that it is not party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any and all proposals shall be rejected if there is evidence or reason for believing that collusion exists among the proposers. The Owner may or may not, at the discretion of the Owner Purchasing Representative, accept future proposals for the same service or commodities for participants in such collusion.

2.36. Gratuities: The Consultant/Firm certifies and agrees that no gratuities or kickbacks were paid in connection with this contract, nor were any fees, commissions, gifts or other considerations made contingent upon the award of this contract. If the Consultant/Firm breaches or violates this warranty, the Owner may, at their discretion, terminate this contract without liability to the Owner.

2.37. Performance of the Contract: The Owner reserves the right to enforce the performance of the contract in any manner prescribed by law or deemed to be in the best interest of the Owner in the event of breach or default of resulting contract award.

2.38. Benefit Claims: The Owner shall not provide to the Offeror any insurance coverage or other benefits, including Serviceser's Compensation, normally provided by the Owner for its employees.

2.39. Default: The Owner reserves the right to terminate the contract in the event the Consultant/Firm fails to meet delivery or completion schedules, or otherwise perform in accordance with the accepted proposal. Breach of contract or default authorizes the Owner to purchase like services elsewhere and charge the full increase in cost to the defaulting Offeror.

2.40. Multiple Offers: If said proposer chooses to submit more than one offer, THE ALTERNATE OFFER must be clearly marked "Alternate Proposal". The Owner reserves the right to make award in the best interest of the Owner.

2.41. Cooperative Purchasing: Purchases as a result of this solicitation are primarily for the Owner. Other governmental entities may be extended the opportunity to utilize the resultant contract award with the agreement of the successful provider and the participating agencies. All participating entities will be required to abide by the specifications, terms, conditions and pricings established in this Proposal. The quantities furnished in this proposal document are for only the Owner. It does not include quantities for any other jurisdiction. The Owner will be responsible only for the award for our jurisdiction. Other participating entities will place their own awards on their respective Purchase Orders through their purchasing office or use their purchasing card for purchase/payment as authorized or agreed upon between the provider and the individual entity. The Owner accepts no liability for payment of orders placed by other participating

jurisdictions that choose to piggy-back on our solicitation. Orders placed by participating jurisdictions under the terms of this solicitation will indicate their specific delivery and invoicing instructions.

2.42. Definitions:

2.42.1. "Offeror" and/or "Proposer" refers to the person or persons legally authorized by the Consultant to make an offer and/or submit a response (fee) proposal in response to the Owner's RFP.

2.42.2. The term "Services" includes all labor, materials, equipment, and/or services necessary to produce the requirements of the Contract Documents.

2.42.3. "Consultant/Firm" is the person, organization, firm or consultant identified as such in the Agreement and is referred to throughout the Contract Documents. The term Consultant/Firm means the Consultant/Firm or his authorized representative. The Consultant/Firm shall carefully study and compare the General Contract Conditions of the Contract, Specification and Drawings, Scope of Services, Addenda and Modifications and shall at once report to the Owner any error, inconsistency or omission he may discover. Consultant/Firm shall not be liable to the Owner for any damage resulting from such errors, inconsistencies or omissions. The Consultant/Firm shall not commence Services without clarifying Drawings, Specifications, or Interpretations.

2.42.4. "Sub-Contractor is a person or organization who has a direct contract with the Consultant/Firm to perform any of the Services at the site. The term sub-contractor is referred to throughout the contract documents and means a sub-contractor or his authorized representative.

2.43. Public Disclosure Record: If the Proposer has knowledge of their employee(s) or sub-proposers having an immediate family relationship with an Owner employee or elected official, the proposer must provide the Purchasing Representative with the name(s) of these individuals. These individuals are required to file an acceptable "Public Disclosure Record", a statement of financial interest, before conducting business with the Owner.

SECTION 3.0: INSURANCE REQUIREMENTS

3.1 Insurance Requirements: The selected Firm agrees to procure and maintain, at its own cost, policy(s) of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Firm pursuant to this Section. Such insurance shall be in addition to any other insurance requirements imposed by this Contract or by law. The Firm shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to this Section by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types.

Firm shall procure and maintain and, if applicable, shall cause any sub-contractor of the Firm to procure and maintain insurance coverage listed below. Such coverage shall be procured and maintained with forms and insurers acceptable to The Owner. All coverage shall be continuously maintained to cover all liability, claims, demands, and other obligations assumed by the Firm pursuant to this Section. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Minimum coverage limits shall be as indicated below unless specified otherwise in the Special Conditions:

(a) Worker Compensation insurance to cover obligations imposed by applicable laws for any employee engaged in the performance of Services under this Contract, and Employers' Liability insurance with minimum limits of:

ONE MILLION DOLLARS ($1,000,000) each accident,
ONE MILLION DOLLARS ($1,000,000) disease - policy limit, and
ONE MILLION DOLLARS ($1,000,000) disease - each employee

(b) General Liability insurance with minimum combined single limits of:

ONE MILLION DOLLARS ($1,000,000) each occurrence and
ONE MILLION DOLLARS ($1,000,000) per job aggregate.

The policy shall be applicable to all premises, products and completed operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall include coverage for explosion, collapse, and underground (XCU) hazards. The policy shall contain a severability of interests provision.

(c) Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than:

ONE MILLION DOLLARS ($1,000,000) each occurrence and
ONE MILLION DOLLARS ($1,000,000) aggregate

This policy shall provide coverage to protect the Consultant/Firm against liability incurred as a result of the professional services performed as a result of responding to this Solicitation.

With respect to each of Consultant's owned, hired, or non-owned vehicles assigned to be used in performance of the Services. The policy shall contain a severability of interests provision.

3.2 Additional Insured Endorsement: The policies required by paragraphs (b), and (c) above shall be endorsed to include the Owner and the Owner's officers and employees as additional insureds. Every policy required above shall be primary insurance, and any insurance carried by the Owner, its officers, or its employees, or carried by or provided through any insurance pool of the Owner, shall be excess and not contributory insurance to that provided by Consultant/Firm. The Consultant/Firm shall be solely responsible for any deductible losses under any policy required above.

SECTION 4.0: SPECIFICATIONS/SCOPE OF SERVICES

4.1. General/Background: The purpose of this RFP is to obtain proposals from qualified individuals and firms interested in providing professional civil engineering services to prepare construction drawings and bid documents for the **2018 SEWER LINE REPLACEMENTS PHASE A.**

The work entails the design of approximately **7,208** feet of replacement of sewer lines and appurtenances in five locations in Grand Junction Colorado.

Area	Main line Desc	Upstream	Upstream Desc	Downstream	Downstream Desc	Size	Footage
N. 7th Street	7th Street	E4-262-012	Wellington Ave.	E4-262-013	7th St. & Center Ave.	8"	295
N. 7th Street	7th Street	E4-262-017	North of Bookcliff	E4-262-013	7th St. & Center Ave.	8"	218
Center Ave.	Center Ave	E4-262-013	7th Street	E4-261-079	N. 6th Street	8"	306
S. 7th Street	Alley north of Winters	C3-262-011	830 Winters	C3-262-017	South 7th St	8"	660
Alley north of Winters	Alley north of Winters	C3-262-122	Alley north of Winters	C3-262-011	Alley north of Winters Ave.	8"	600
Alley north of 3rd Ave.	Alley north of 3rd Ave.	C4-262-072	1101 3rd Ave.	C4-262-045	9th Street	8"	960
Alley north of 3rd Ave.	Alley north of 3rd Ave.	C4-262-045	9th Street	C4-262-029	8th Street	10"	480
S. 8th Street	S. 8th Street	C4-262-029	8th & Alley north of 3rd Ave.	C4-262-031	8th St. at alley south of 3rd Ave.	10"	332
10th Street	10th Street	C3-262-068	Near 10th & Winters Ave.	C4-262-064	10th St. at alley north of 4th Ave.	8"	400
Alley north of 4th Ave.	Alley north of 4th Ave.	C4-262-064	10th St. at alley north of 4th Ave.	C4-262-048	9th Street	8"	480
Horizon Dr.	Horizon Dr.	G1-272-053	723 Horizon Dr.	G1-271-041	708 Horizon Dr.	8"	867
15th Street	15th Street	C4-271-021	D Road	C3-271-013	Winters Ave.	12"	1610
Total Footage							**7208**

The project will include CAD drawing, design and other related services in accordance with the following scope of work.

4.2. Special Conditions/Provisions:

4.2.1 Price/Fees: Pricing shall be established as "a cost not to exceed price", and shall be all inclusive, to include, but not be limited to: labor, materials, equipment, travel, drawings, engineering work, shipping/freight, licenses, permits, fees, etc.

Provide a guaranteed maximum price using Solicitation Response Form found in Section 7, accompanied by a complete list of costs breakdown.

All fees will be considered by the Owner to be negotiable.

4.2.2 Codes: Contractor shall ensure that project design, scope, and specifications meets all Federal, State, County, and City Codes.

4.3. Specifications/Scope of Services:

4.3.1. **Surveying:** The City has already surveyed the proposed alignments and has developed base mapping for the proposed areas. Existing manhole invert elevations will be provided. Any additional surveying needed will be completed by the City.

4.3.2 **Geotechnical Investigations:** The Consultant shall perform soils analysis including sampling to a depth of two feet below proposed flow line grade and analyzing for moisture content at quarterly intervals in at least 1 location per run. Results of the soil analysis shall be included in the bid documents under "Supplemental Conditions". For the purposes of developing a lump sum fee proposal, assume the depth of the borings are 15 feet with moisture contents at 3,6,9,12, and 15 feet. Blow counts shall also be included. This item may be reduced based on actual profiles developed during design. If the depths are reduced, the City expects this item to be adjusted accordingly.

4.3.3 **Plan Preparation:** Prepare plan and profile drawings for the sewer extension in AutoCAD 2018. The plan view shall consist of a detailed topographic map of the existing area. Underground utility lines shall be shown on both the plan and elevations views according to City of Grand Junction Standards. Spot elevations shall be shown at or near match points to existing pavements, driveways and other improvements.

Existing rights-of-way, easements, property lines, tax schedule numbers, addresses and names of owners for all lots fronting the areas of construction shall be shown on the plans.

4.3.4 **Meetings with City Staff:** The Consultant shall meet with the City Utility Engineer and/or his representatives bi-weekly, or more frequently to review project progress, adjust schedules, discuss problems, etc.

4.3.5 **Final Plan Preparation:** The Consultant shall prepare final construction drawings, bid documents and cost estimates for construction of the sewer line extensions. Final drawings shall include a cover sheet with a vicinity map and index of sheets, a summary of project quantities sheet, as well as complete plan and profile sheets including profiles for service lines over 50 feet in length, and detail sheets.

Carrier Pipe Replacement: The 15th Street alignment will require removal of existing carrier pipe from existing casing pipe, verification of integrity of casing pipe, and details for placement of new carrier pipe.

4.3.6 100% Review Submittal: Three copies of the final detailed construction drawings (22" x 34" prints), bid documents and easements shall be submitted to the City Utility Engineer for review by City staff. Following this review, the Consultant shall meet with City staff to discuss the review comments and shall make all reasonable changes to the drawings and documents as directed by the City Project Engineer.

4.3.7 **Final Submittal:** Upon approval of the final drawings and Bid Documents by the City Project Engineer, the Consultant shall submit the final AutoCAD drawing files along with AutoCAD .PC2 files on flash drive. The Bid Documents shall be submitted in Microsoft Word format flash drive. Bid Schedule shall be submitted on Microsoft Excel spreadhseet.

4.3.8 **Authentication:** The Consultant's Professional Engineer responsible for the project design shall affix his stamp and signature to one copy of the final drawings, bid documents and design reports.

4.3.9 **Permitting with the Union Pacific Railroad**: The 15th Street crossing will require permitting through the Union Pacific Railroad. CONSULTANTS ARE NOT TO CONTACT THE UNION PACIFIC RAILROAD DIRECTLY DURING THE PROPOSAL PHASE. Any questions of the Union Pacific Railroad during the proposal phase shall be made in accordance with Section 4.6 of these solicitation documents.

4.4. City Provided Services:

4.4.1 **City Computer Standards:** The City will furnish electronic files including the standard AutoCAD set up for plan and profile sheets, drafting standards and standard details. The plan and profile flash drive will include the layering system and symbols to be used for maps and drawings. The City will also furnish a disk with a portion of the City map in the vicinity of the projects.

4.4.2 **Existing Record Drawings:** The City will furnish to the Consultant all available drawings of record for streets and utility improvements in the vicinity of the project. 2016 air photography of the area is available.

4.4.3 **Sample Specifications and Plans:** The City will furnish the Consultant previous project plans and specifications upon request. Specifications are available electronically in a variety of formats.

4.4.4 **Unit Prices:** The City will furnish bid tabulation sheets from previous projects to assist the Consultant in estimating construction costs.

4.4.5 **CCTV Inspection Videos:** Using a CCTV camera system, the City has video inspection files that can be provided to the Consultant. The inspection videos were recorded recently. The City will put the videos on a CD and deliver to the Consultant.

4.5 Additional Design Criteria, Standards and Requirements:

4.5.1 **Standards:** All design, drawings, documents and details shall be in accordance with the City's Standard Drawings for Development of Streets and Utilities and City Standard Specifications and Contract Documents dated February 2010 unless otherwise approved by the Utility Engineer.

4.5.2 **Elevation Tolerance:** All elevations shall be measured, calculated and shown on the drawings to the nearest 1/100 of a foot.

4.5.3 **Drawing Sheet Set-up:** Plan and profile sheets shall be set up for plotting on **22" X 34"** sheets at a horizontal scale 1"= 20' and a vertical scale (on the profile) of 1"= 5'.

Stationing shall increase from left to right and the north arrow shall point up or to the right on the plan view. Plan sheets shall be set up with match lines as well as a vicinity map shading the area covered by that particular sheet.

4.5.4 **Pipe Bursting Installation Methods:** Due to tight confines and above ground obstructions along buildings, and dealing with existing railroad tracks on 10th Street, the City would like for the Consultant to investigate pipe bursting methods for the installation of new 8" sewer pipe. The City would prefer that the pipe used for pipe bursting be Fusible C-900 PVC pipe. The Consultant shall determine if the pipe bursting installation method is a good candidate given the depth and grades of the existing pipe and the soil conditions.

The sewer line sections the City believes to be candidates for pipe bursting are as follows:

- 10th Street: Structure C3-262-067 to C4-262-064, Ex. 6" VCP, 210 LF
- Alley north of 4th Ave.: Structure C4-262-064 to C4-262-048, Ex. 6" VCP, 480 LF
- Alley north of 3rd Ave.: Structure C4-262-063 to C4-262-045, Ex. 6" VCP, 480 LF

4.5.5 **South 7th Street Sewer Alignment:** The current sewer alignment between manholes C3-262-011 and C3-262-017 is directly below the concrete curb, gutter, and sidewalk. The City would prefer to save as much of the existing concrete as possible and relocate the proposed new sewer line a little further west away from the concrete as much as possible. The City would like for the consultant to locate the new 8" sewer pipe out in the asphalt pavement section of 7th Street while maintaining the required separation distance between sewer and domestic water pipes.

If a more detailed survey of the gutter flowline is required, the Consultant shall request the City gather more survey data for the replacement of the curb and gutter.

4.5.6 **15th Street Sewer Alignment:** The current sewer alignment between manholes C4-271-021 and C3-271-013 along 15th Street is primarily located in private property. The City would prefer to have the new sections of sewer line pipe located out in the roadway right-of-way. It appears there is room between the existing domestic waterline and the existing storm sewer pipe for the new sewer pipe. The required separation distance between sewer and domestic water pipes must be maintained.

The Consultant needs to determine if relocating the proposed 15th Street sewer line out in the roadway right-of-way is feasible and will continue to accommodate each individual properties sewer service pipe and grades. If the proposed alignment will not work with the existing sewer service grades, the Consultant shall design 15th Street for the new sewer pipe to be installed along the same alignment as the existing pipe.

If additional survey data is needed, the Consultant shall make a request and the City will get the necessary survey data as quickly as possible.

4.5.7 **Horizon Drive Sewer Alignment:** The current sewer alignment between manholes G1-272-053 and G1-271-043 is primarily located in the landscape region between the back of curb and the detached sidewalk. In order to avoid resetting of existing street lights, concrete replacement, bus stops, and landscape restoration, the City

would like for the new sewer line pipe to be located out in the asphalt area of Horizon Drive.

The Consultant needs to determine if relocating the proposed Horizon Drive sewer line out in the asphalt region is feasible and will accommodate each individual properties sewer service pipe and grades.

Horizon Drive, between the south roundabout and G Road, is proposed to be reconstructed with new curb and gutter alignments and center landscape medians. The City wants the new sewer line alignment to be based on the proposed future layout of Horizon Drive. The City will provide the Consultant with an AutoCAD drawing that shows the proposed future alignment of Horizon Drive with the new curb and gutter alignments so the sewer line can be designed to accommodate the future alignments. Separation requirements between sewer pipe and waterlines shall be maintained.

4.6. RFP Tentative Time Schedule:

• Request for Proposal available	December 15, 2017
• Inquiry deadline, no questions after this date	December 27, 2017
• Addendum Posted	December 29, 2017
• Submittal deadline for proposals	January 5, 2018
• Owner evaluation of proposals	January 6-10, 2018
• Final selection	January 12, 2018
• Contract execution	January 19, 2018
• Advertise for bids	March 1, 2018
• Award construction contract	April 18, 2018
• Construction	May 1, 2018-July 31, 2018

4.7. Questions Regarding Scope of Services:

Duane Hoff Jr., Senior Buyer
duaneh@gjcity.org

SECTION 5.0: PREPARATION AND SUBMITTAL OF PROPOSALS

Submission: ***Each proposal shall be submitted in electronic format only, and only through the Rocky Mountain E-Purchasing website (https://www.rockymountainbidsystem.com/default.asp).*** *This site offers both "free" and "paying" registration options that allow for full access of the Owner's documents and for electronic submission of proposals. (Note: "free" registration may take up to 24 hours to process. Please Plan accordingly.)* Please view our "**Electronic Vendor Registration Guide"** at http://www.gjcity.org/BidOpenings.aspx for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline **800-835-4603**). For proper comparison and evaluation, the City requests that proposals be formatted as directed in Section 5.0 "Preparation and Submittal of Proposals." Offerors are required to indicate their interest in this Project, show their specific experience and address their capability to perform the Scope of Services in the Time Schedule as set forth herein. For proper comparison and evaluation, the Owner requires that proposals be formatted **A** to **F**:

A. **Cover Letter:** Cover letter shall be provided which explains the Firm's interest in the project. The letter shall contain the name/address/phone number/email of the person who will serve as the firm's principal contact person with Owner's Contract Administrator and shall identify individual(s) who will be authorized to make presentations on behalf of the firm. The statement shall bear the signature of the person having proper authority to make formal commitments on behalf of the firm. By submitting a response to this solicitation the Consultant/Firm agrees to all requirements herein.

B. **Qualifications/Experience/Credentials:** Proposers shall provide their qualifications for consideration as a contract provider to the City of Grand Junction and include prior experience in similar projects.

C. **Strategy and Implementation Plan:** Describe your (the firm's) interpretation of the Owner's objectives with regard to this RFP. Describe the proposed strategy and/or plan for achieving the objectives of this RFP. The Firm may utilize a written narrative or any other printed technique to demonstrate their ability to satisfy the Scope of Services. The narrative should describe a logical progression of tasks and efforts starting with the initial steps or tasks to be accomplished and continuing until all proposed tasks are fully described and the RFP objectives are accomplished. Include a **time schedule** for completion of your firm's implementation plan and an estimate of time commitments from Owner staff.

D. **References:** A minimum of three (3) **references** with name, address, telephone number, and email address that can attest to your experience in projects of similar scope and size.

E. **Fee Proposal:** Provide a guaranteed maximum price using Solicitation Response Form found in Section 7, accompanied by a complete list of costs breakdown.

F. Additional Data (optional): Provide any additional information that will aid in evaluation of your qualifications with respect to this project.

SECTION 6.0: EVALUATION CRITERIA AND FACTORS

6.1 Evaluation: An evaluation team shall review all responses and select the proposal or proposals that best demonstrate the capability in all aspects to perform the scope of services and possess the integrity and reliability that will ensure good faith performance.

6.2 Intent: Only respondents who meet the qualification criteria will be considered. Therefore, it is imperative that the submitted proposal clearly indicate the firm's ability to provide the services described herein.

Submittal evaluations will be done in accordance with the criteria and procedure defined herein. The Owner reserves the right to reject any and all portions of proposals and take into consideration past performance. The following parameters will be used to evaluate the submittals (in no particular order of priority):

- Responsiveness of submittal to the RFP
- Understanding of the project and the objectives
- Experience/Demonstrated capability
- Necessary resources
- Strategy & Implementation Plan
- References
- Fees

Owner also reserves the right to take into consideration past performance of previous awards/contracts with the Owner of any vendor, Consultant/Firm, supplier, or service provider in determining final award(s).

The Owner will undertake negotiations with the top rated firm and will not negotiate with lower rated firms unless negotiations with higher rated firms have been unsuccessful and terminated.

6.3 Oral Interviews: The Owner may invite the most qualified rated proposers to participate in oral interviews.

6.4 Award: Firms shall be ranked or disqualified based on the criteria listed in Section 6.2. The Owner reserves the right to consider all of the information submitted and/or oral presentations, if required, in selecting the project Consultant/Firm.

SECTION 7.0: SOLICITATION RESPONSE FORM

RFP-4445-18-DH Professional Engineering Services for 2018 Sewer Line Replacements Phase A

Offeror must submit entire Form completed, dated and signed.

1) Cost not to Exceed Price, per scope of services:

Price $_____

WRITTEN:_____dollars.

The Owner reserves the right to accept any portion of the Services to be performed at its discretion

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The undersigned has thoroughly examined the entire Request for Proposals and therefore submits the proposal and schedule of fees and services attached hereto.

This offer is firm and irrevocable for sixty (60) days after the time and date set for receipt of proposals.

The undersigned Offeror agrees to provide services and products in accordance with the terms and conditions contained in this Request for Proposal and as described in the Offeror's proposal attached hereto; as accepted by the Owner.

Prices in the proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or firm to submit a proposal for the purpose of restricting competition.
- The individual signing this proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-903544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of _____ percent of the net dollar will be offered to the Owner if the invoice is paid within _____ days after the receipt of the invoice.

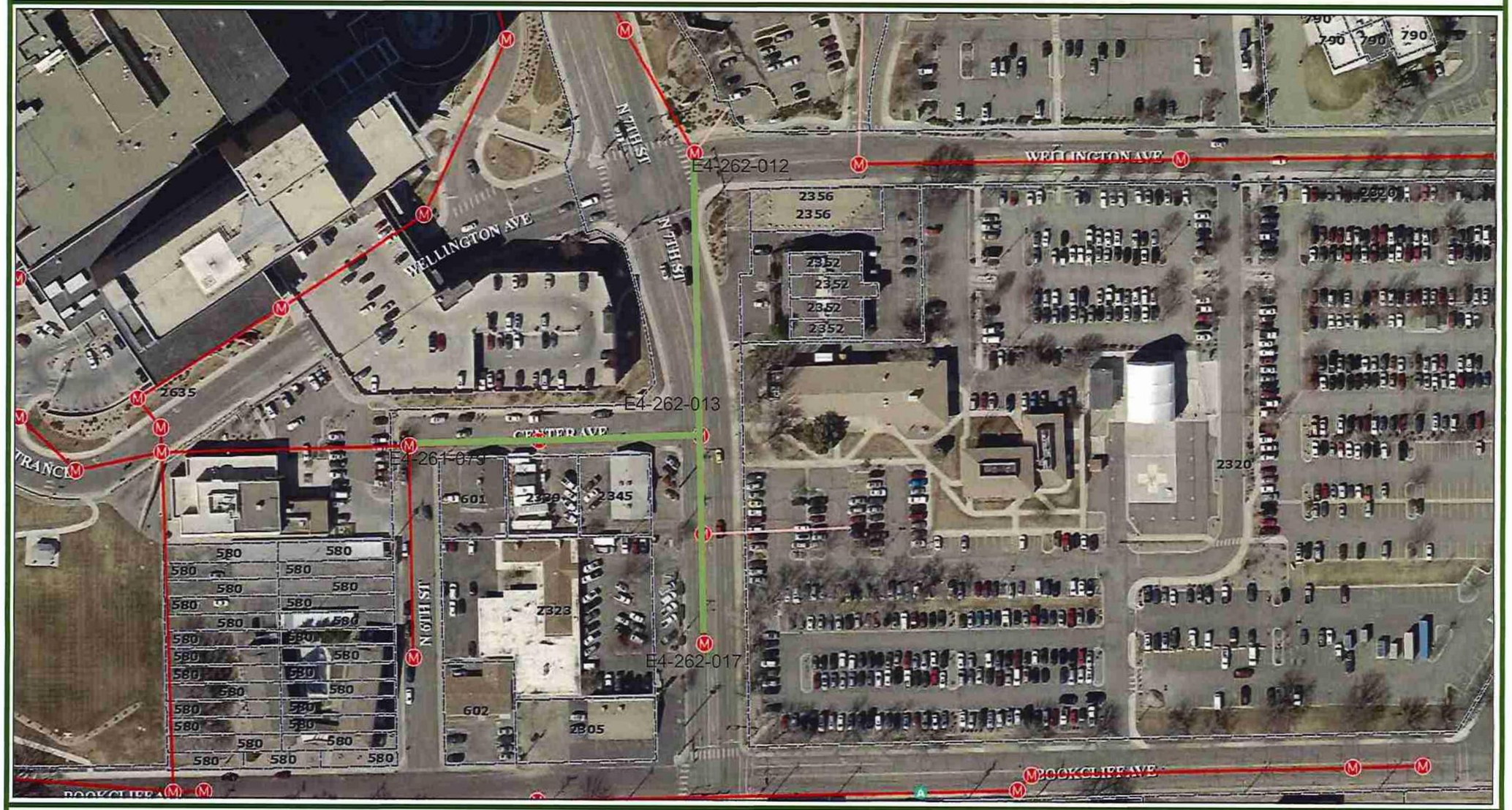
RECEIPT OF ADDENDA: the undersigned Consultant/Firm acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: _____.

It is the responsibility of the Proposer to ensure all Addenda have been received and acknowledged.

_____	_____
Company Name – (Typed or Printed)	Authorized Agent – (Typed or Printed)
_____	_____
Authorized Agent Signature	Phone Number
_____	_____
Address of Offeror	E-mail Address of Agent
_____	_____
City, State, and Zip Code	Date

PROPOSED 7TH STREET SEWER REPLACEMENT



N

0 0.035 0.07 Miles

Date: 12/1/2017

1 inch = 94 feet

CITY OF Grand Junction COLORADO GEOGRAPHIC INFORMATION SYSTEM

PROPOSED 7th STREET SEWER REPLACEMENT

N

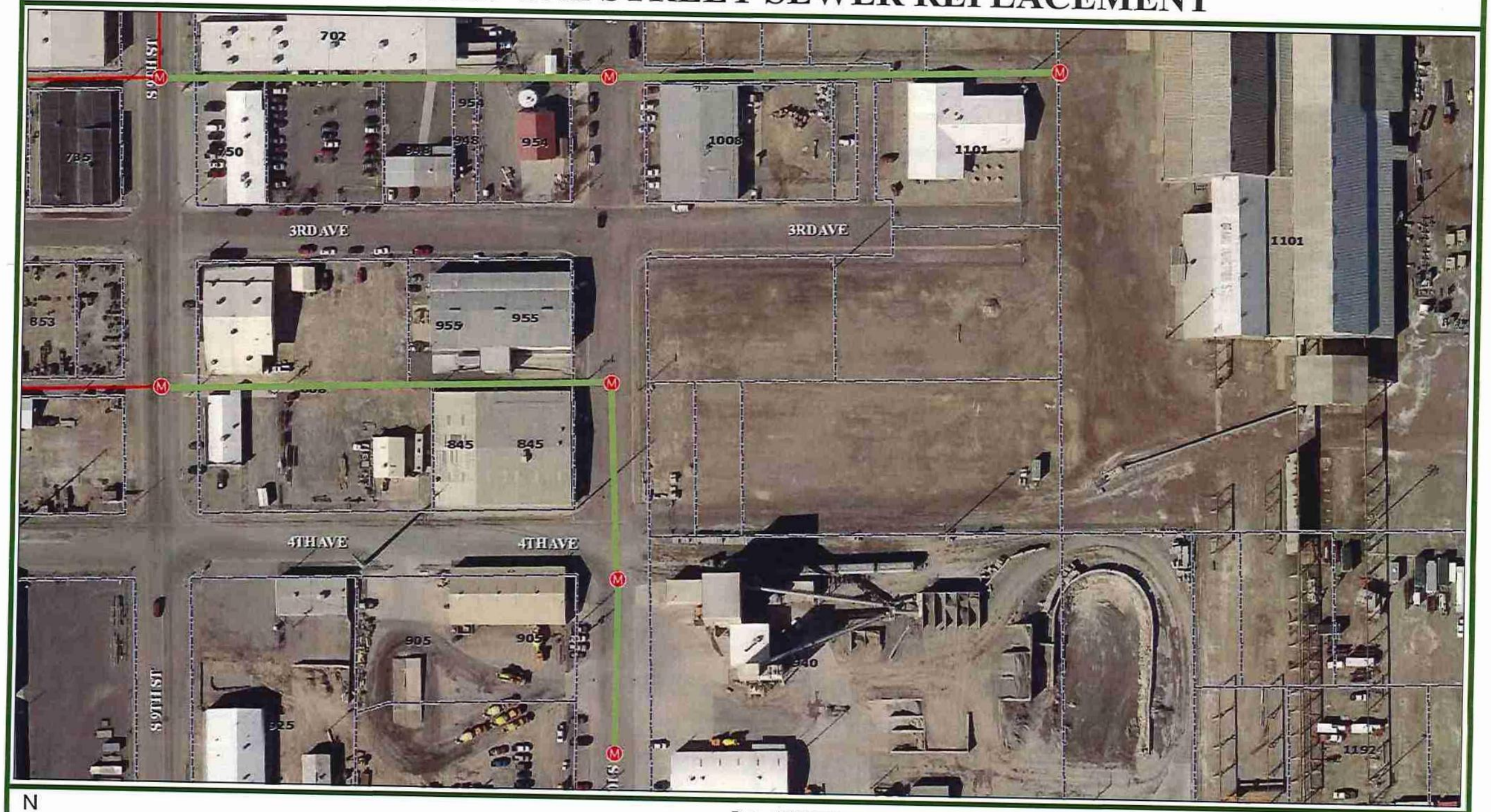
0 0.035 0.07 Miles

Date: 12/1/2017

1 inch = 94 feet

CITY OF Grand Junction COLORADO
GEOGRAPHIC INFORMATION SYSTEM

PROPOSED 10th STREET SEWER REPLACEMENT



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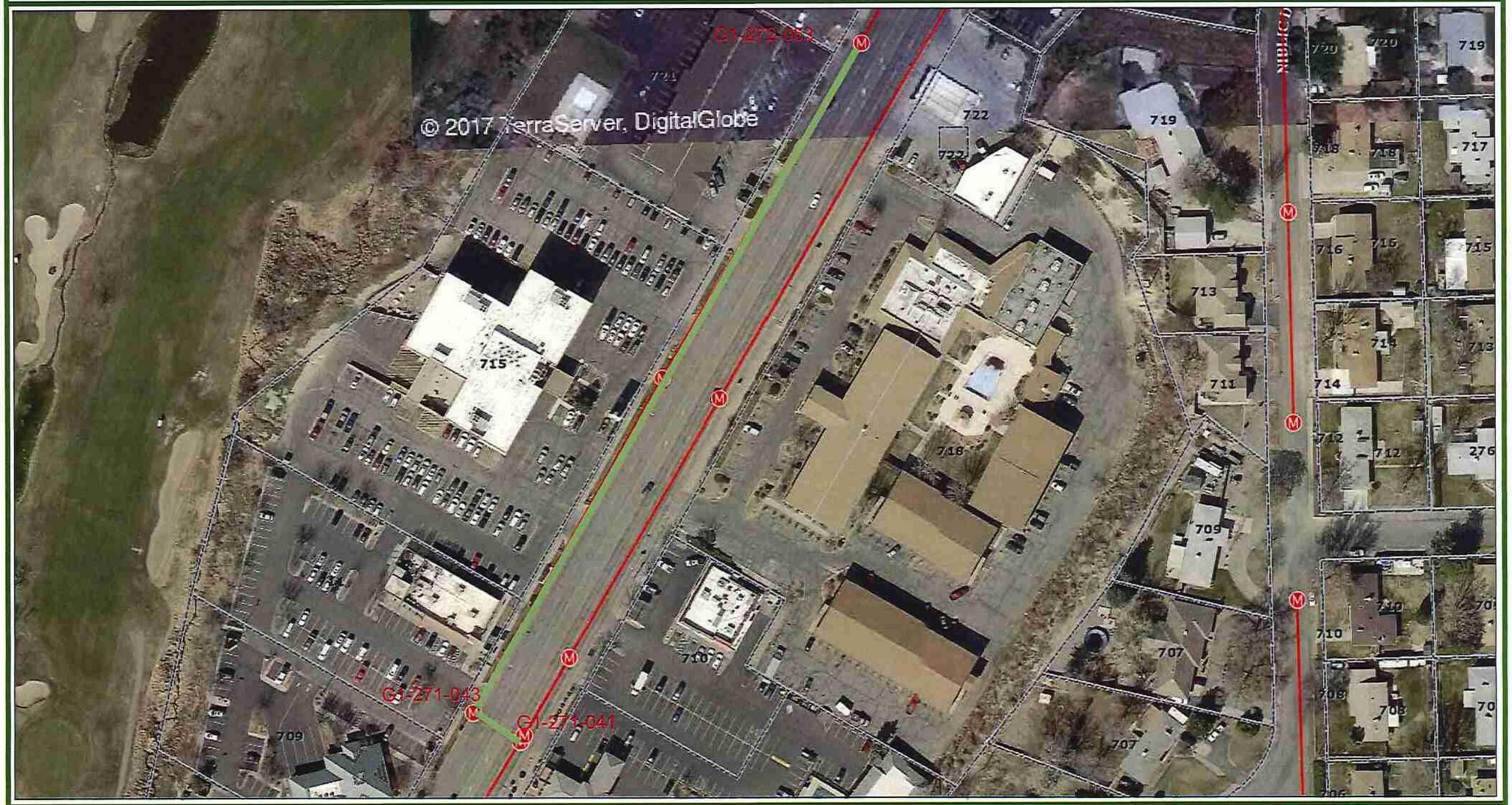
0 0.035 0.07 Miles

Date: 12/1/2017

1 inch = 94 feet

CITY OF Grand Junction COLORADO
GEOGRAPHIC INFORMATION SYSTEM

PROPOSED HORIZON DRIVE SEWER REPLACEMENT

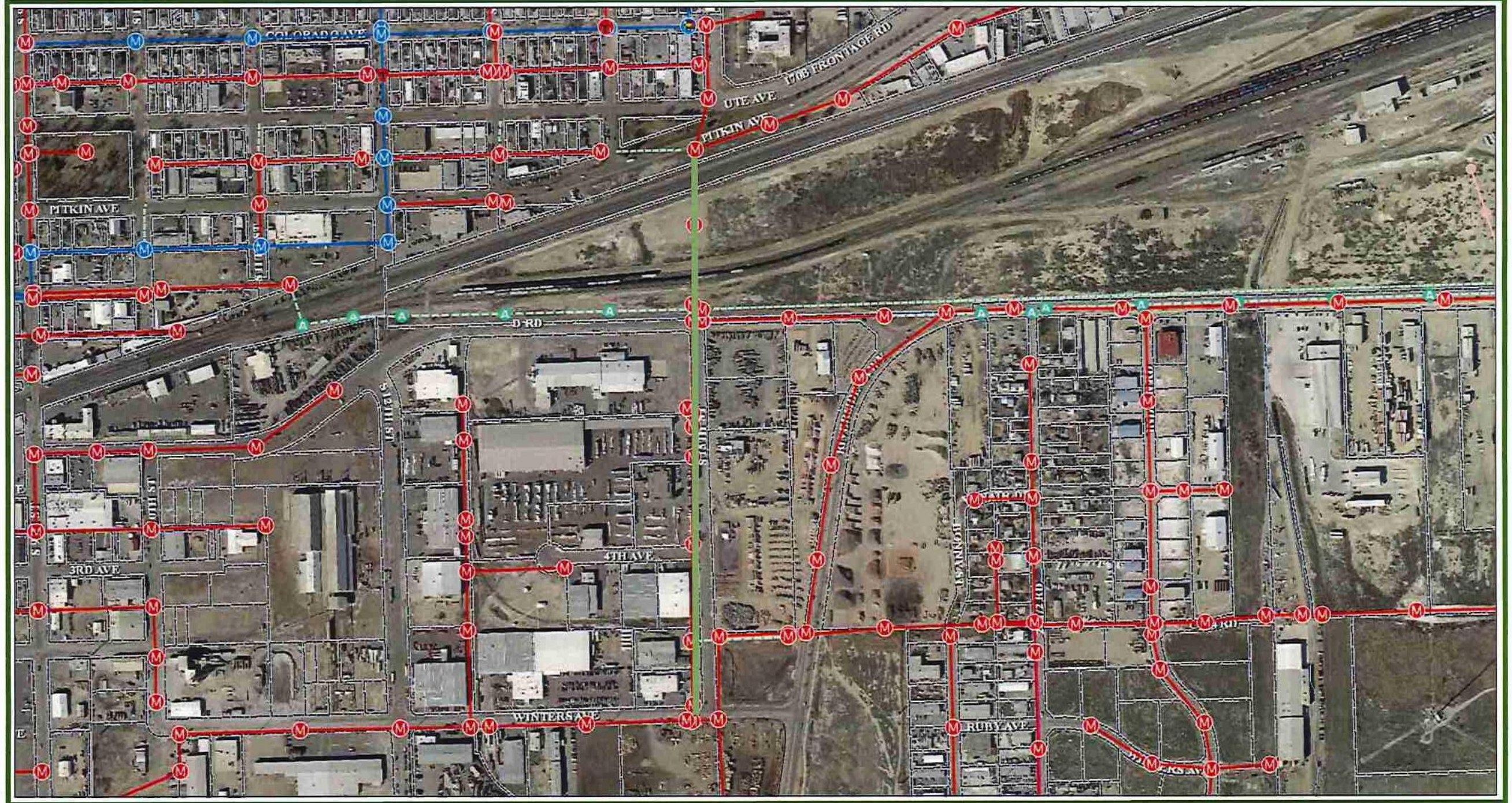


Date: 12/1/2017

1 inch = 94 feet

CITY OF Grand Junction COLORADO
GEOGRAPHIC INFORMATION SYSTEM

PROPOSED 15th STREET SEWER REPLACEMENT



N

0 0.125 0.25 Miles

Date: 12/1/2017

1 inch = 376 feet

CITY OF Grand Junction COLORADO
GEOGRAPHIC INFORMATION SYSTEM

CITY OF Grand Junction COLORADO

Purchasing Division

ADDENDUM NO. 1

DATE: December 29, 2017
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Professional Engineering services for 2018 Sewer Line Replacements Phase A RFP-4445-18-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Q. The table on page 13, fifth sewer segment row, references the upstream manhole as C3-262-122. I have searched the City's utility GIS webpage for this manhole and cannot locate it. Can an exhibit be provided as to it location? I have found C3-262-011 with no difficulty, but none of the contributing manholes appears to have the -122 number.

   A. Manhole C3-262-122 is recognized by the City's GIS system. Unsure why this manhole isn't able to be located on the public's access to the City GIS system. Manhole C3-262-122 is located at the east end of the alley at property 830 Winters Ave. Alley is north of Winters Ave.

2. Q. Section 4.3.9 indicates the UPRR permitting will be required. Based upon the manhole reference numbers in the Page 13 table the northern most manhole is located in the southern most lane in D Road; hence, not entering into the UPRR ROW. Please verify if a UPRR permit is needed.

   A. Replace Section 4.3.9 with the following: Permitting with the Union Pacific Railroad: The railroad tracks crossing at the intersection of 10th Street and 4th Ave. near Whitewater Building Materials will require permitting through the Union Pacific Railroad. CONSULTANTS ARE NOT TO CONTACT THE UNION PACIFIC RAILROAD DIRECTLY DURING THE PROPOSAL PHASE. Any questions of the Union Pacific Railroad during the proposal phase shall be made in accordance with Section 4.6 of these solicitation documents.

3. Q. Has the City initiated discussions with the Union Pacific Railroad (UPRR) regarding permitting requirements for the section of the 15th Street crossing under railroad property? To clarify does the City expect the Consultant to obtain the necessary permit from the UPRR?

A. The City has not initiated discussions yet with the Union Pacific Railroad (UPRR). The railroad crossings on this project are at the intersection of 10th Street and 4th Avenue. There are two spur rail lines at this intersection. There is no railroad crossing at 15th Street. That was an error in paragraph 4.3.9.

The City of Grand Junction will contact UPRR to acquire the necessary permits to work underneath these two spur rail lines. The Consultant will not be required to consult with UPRR.

4. Q. Does the City intend on including all the sanitary sewer replacement designs in the bid packages for contractors? If so, what level of design completion does the City expect for the bid package and is the due date March 1, 2018 for design?

   A. Yes, the City wants to include the entire scope of Phase A Sewer Line Replacements into one construction plan set for Contractors to Bid on. The Consultant shall have the construction plans and any Special Provisions necessary to supplement the City's Standard Contract Documents completed no later than March 1, 2018 for Bid Advertisement.

5. Q. Does the base mapping for the proposed areas include a preliminary layout for the sewer line replacements?

   A. The base mapping does not include preliminary sewer layouts. All sewer line replacements need to remain in the same alignment as the existing sewer line. The City will provide the Consultant with existing manhole and pipe inverts from the field survey. The new sewer line in 15th Street and Horizon Drive will have new alignments. The City wants to shift the sewer line alignments in both 15th Street and Horizon Drive and the City has conceptual sewer alignments for both streets and will share that with the Consultant.

6. Q. Does the City have a preferred order to complete the sewer replacements designs?

   A. No, there is no preferred order. The entire sewer design and any Special Provisions shall be completed by March 1, 2018.

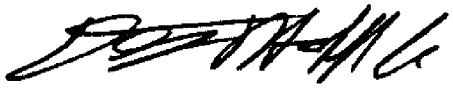
7. Q. Is the proposed project schedule in the RFP rigid or can it be extended as long as the construction is completed in 2018?

   A. The project schedule in the RFP is rigid. The City needs to get this Phase A Sewer Line Replacement Project out for bid in March 2018 in order to get under construction and get certain sewer lines replaced ahead of the City's 2018 asphalt overlay project.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado