



Exhibit D

Town of Grand Lake, Colorado

August 11, 2023

ROADWAY ENGINEERING FOR LUCY STREET PROPOSAL

SMH
CONSULTANTS

Civil Engineering | Land Surveying | Landscape Architecture

Land Acquisition | Environmental Engineering

THANK YOU FOR CONSIDERING SMH!

Roadway Engineering for Lucy Street
Town of Grand Lake

August 11, 2023

Town of Grand Lake
Attn: Matt Reed-Tolonen
1026 Park Avenue
Grand Lake, Colorado 80447

Dear Mr. Reed-Tolonen:

It is with great excitement that SMH Consultants (SMH) submits the following proposal for the Town of Grand Lake Roadway Engineering for Lucy Street. SMH is a full-service land surveying and civil engineering firm headquartered in Manhattan, KS with additional offices in Dodge City, KS; Kansas City; and Colorado Springs, CO. By providing both land surveying and civil engineering services in-house, we can provide a quicker response time and more efficient design process for our clients.

If selected, SMH is prepared to enter into contract negotiations with the Town of Grand Lake for professional services to include, but not be limited to, topographic and utility survey for the area of the roadway and utility improvements, roadway design, sanitary sewer main extension design, and watermain extension design. Brett Louk will serve as the SMH project manager and will be readily available for site visits, project meetings, and other needs as they arise during design and construction of the public improvements.

With over thirty years of experience, we believe that SMH is well qualified to provide the necessary services for Lucy Street. If you have any questions, please do not hesitate to contact me at blouk@smhconsultants.com, 719-465-2145 (office), or 719-428-8677 (cell).

Sincerely,



Brett Louk, P.E.
SMH Consultants
620 N Tejon Street; Suite 101
Colorado Springs, CO 80903

SMH CONSULTANTS FIRM PROFILE

Civil Engineering | Land Surveying | Landscape Architecture
Environmental Engineering | Land Acquisition



SMH Consultants (SMH) began in 1989 as Sloan and Meier Surveyors. The original founders of the company saw a need and opportunity to provide high quality professional land surveying services to a variety of clients. The company only offered land surveying services and eventually expanded into civil engineering services related to water resources, environmental engineering, transportation engineering, and land development in 2007. Since then, additional services have been added to the company in the areas of airport engineering, construction engineering, landscape architecture and land acquisition. SMH is licensed to provide land surveying and engineering services in Kansas, Colorado, Missouri, and Oklahoma; as well as landscape architecture services in Kansas and Colorado.



On staff, we have eight professional engineers, two professional land surveyors, a landscape architect, and a dedicated right-of-way acquisition agent. Company-wide, SMH has thirty-seven full time employees and three part time employees throughout its headquarters office in Manhattan, KS and additional offices in Kansas City; Dodge City, KS; and Colorado Springs, CO.

While our broadest experience has been in infrastructure planning and design, land development, land survey, and property acquisition, our company can perform all types of complex projects, designs, and surveys. The company's services in regards to civil engineering are site development; roadway and paving; aviation; water supply, treatment, and distribution; sanitary sewer collection, pumping and treatment; storm sewer facilities; utility coordination; project management; landscape architecture; construction observation; and materials testing.



SMH has developed an approach that is focused on building long-term relationships with our clients. The dedication and commitment to this approach is what sets SMH apart from our competitors. These elements, coupled with open and consistent communication, are the key to ensuring long-lasting relationships.

www.smhconsultants.com

PROJECT TEAM

Roadway Engineering for Lucy Street
Town of Grand Lake



BRETT LOUK, P.E. - PRINCIPAL/PROJECT ENGINEER

blouk@smhconsultants.com

As Project Engineer, Principal, and Branch Manager of SMH's Colorado Springs office, Brett has been involved in an assortment of projects since the start of his career in 2009. His commitment to the meticulous development of projects shows through in the quality of end products. Brett is often assigned the most detail-demanding projects because he is conscious of budgets and schedules, and he puts together a great set of plans. With several years of training and experience, Brett will take every step necessary to ensure improvements are thorough, practical, and within all established guidelines.

ROLE: Brett is responsible for working with the staff to design and carryout successful projects from preliminary and concept phases through construction.

EDUCATION: B.S. Horticulture & B.S. Civil Engineering; Kansas State University; 1999, 2009

REGISTRATION: Professional Engineer: Colorado, Kansas, Oklahoma, and Missouri

EXPERIENCE: 14 years - SMH (2009-present)



TIM SLOAN, P.L.S. - VICE PRESIDENT/LAND SURVEYOR

tim@smhconsultants.com

Tim leads the Land Surveying Division of SMH and is a founding member of the company (previously Sloan and Meier) in 1989. Since then, he has grown the firm from a two-man land surveying company to a current 37-person firm that offers land surveying and engineering services across Kansas, Oklahoma, Missouri, and Colorado. His experiences in land surveying range from boundary and topographic surveys to more complicated facility surveys. With this experience and Tim's strong work ethic and collaboration, the company is able to offer clients more opportunities for growth in their region.

ROLE: Tim will direct the SMH field crew, provide necessary legal descriptions, and ensure project partners have accurate information.

EDUCATION: Electronics, Lasalle Extension University, 1997

REGISTRATION: Professional Land Surveyor: Colorado, Kansas, and Oklahoma

EXPERIENCE: 40+ years - Cook, Flatt, & Strobel, PA (1972-1973), Schwab Eaton (1973-1989), Sloan & Meier Surveyors (1989-2007), SMH (2007-present)

PROJECT APPROACH & UNDERSTANDING

Roadway Engineering for Lucy Street
Town of Grand Lake

We believe our team has a better grasp of the entire project scope and constraints than other competitors due to a previous conference call with the Town of Grand Lake staff to discuss the project in detail prior to the RFP being released. From this conversation, we are prepared to work with the Town staff during contract negotiations to arrive at a reasonable design fee that will allow the project to stay within budget.

1. SITE VISIT & KICK-OFF

Upon being selected and finalizing a contract, SMH will make an initial visit to the project site. This will allow our team to determine the exact topographic and utility survey limits, as well as, identify any areas or items of critical importance that will need extra attention during the survey work. During the visit, SMH will also set up a project kickoff meeting with the Town staff. The intent of the meeting will be to discuss design criteria, initial questions from both SMH and the Town, any areas or items of concern, and to receive input from the Town on what they envision for the finished product.

2. DATA COLLECTION

Once the initial site visit is complete, SMH will be positioned to hit the ground running with the topographic and utility survey of the existing conditions. We understand the need to complete the survey of the site in a timely fashion so that improvement designs can begin as soon as possible. After the survey work, SMH will convert the field data into a working drawing that will be used for the civil design.

3. DESIGN & CONSTRUCTION

With this data, SMH will begin working on the roadway, sanitary sewer, and watermain designs. The first step will be to evaluate the two options for routing the sanitary sewer and watermain to the project site. The Town staff will be included in this evaluation process. Once the preferred routing of the sanitary sewer and watermain extensions are selected, improvement designs can move forward. SMH plans to submit 50%, 95%, and 100% sets to the Town for review during the design process. The 50% set will allow for an overview look at the centerline, watermain, and sanitary sewer alignments, and allow the opportunity to make adjustments, as necessary, early in the process. The 95% set will be for any last-minute revisions prior to stamping and signing the plans. In addition, SMH will be available to make site visits and answer questions that may arise during construction. SMH will also perform shop drawing review in coordination with the Town.

SMH has a great reputation in regards to communication with our clients throughout the life of a project. This allows the project to stay on schedule, within budget, and moving in the right direction. Although we are not able to complete the design by August 31st, we will be able to complete it no later than September 15th.



***Lucy Love Public Improvements
Grand Lake, CO
Surveying & Civil Engineering Construction Documents
Scope of Professional Services
Prepared: August 11, 2023***

General Project Description: Land surveying and civil engineering construction documents for the public improvements for the Lucy Love Subdivision in Grand Lake, CO. These improvements generally involve watermain, sanitary sewer main, and road design for the new subdivision consisting of 4 lots.

SMH Consultants (SMH) will perform the following tasks:

PART I – PROJECT MANAGEMENT

1. Kickoff meeting with Town of Grand Lake to go over the project, design criteria, etc. prior to beginning the design work. This task includes a site visit by the Project Engineer.
2. Utility coordination with utility companies to address any potential conflicts between the proposed improvements and the existing utilities in the area.
3. Submittal of preliminary construction documents (electronically) for review by the Town of Grand Lake. This task also includes a field check field check by the Project Engineer and addressing review comments received from the Town.
4. Submittal of final construction documents (electronically) to the Town of Grand Lake for review and approval. This task includes addressing any remaining review comments from the Town.
5. Construction engineering to consist of shop drawing review and answering questions that may arise during construction. This task includes up to 2 site visits during construction.

PART II - TOPOGRAPHIC SURVEY

1. Topographic, boundary, and utility survey of the area where the public improvements are to be constructed.
2. Conversion of the survey into a working drawing that can be used for design.

PART III – CONSTRUCTION DOCUMENTS

1. Preliminary title sheet depicting the project location, owner contact information, engineer contact information, miscellaneous construction notes, and an approval block for the Town of Grand Lake.

2. Roadway plan and profile. The proposed roadway plan and profile will also depict the location of utility crossings both vertically and horizontally. The proposed grading will also be depicted on the roadway plan and profile. The roadway plan and profile will conform to Town of Grand Lake standards.
3. Miscellaneous roadway details as required for construction of the roadway. Roadway section is anticipated to 4" Class C base and 2" asphalt.
4. Roadway cross sections every 50 feet. Roadway cross sections will depict proposed and existing known and discoverable ground conditions, characteristics and improvements, as well as water and sanitary sewer crossings and crown elevations.
5. Stormwater runoff calculations and drainage study to properly size the roadside ditches and culverts that may be required. All study relative to storm water will be based on the Town of Grand Lake guidelines. The drainage study will be provided in letter format with attachments of input and output data.
6. Gravity sanitary sewer plan and profile internal to the development. This task includes a rough cost estimate for two different sanitary sewer main routing options. This task does not include service tap locations. The sanitary sewer plan and profile shall conform to Town of Grand Lake Standards.
7. Sanitary sewer standard details as provided by the Town of Grand Lake.
8. Watermain plan and profile for the extension of water service to the subdivision. This task also includes a rough cost estimate for two different watermain routing options. This task does not include service tap locations. The watermain plan and profile shall conform to Town of Grand Lake standards.
9. Watermain standard details as provided by the Town of Grand Lake.
10. Preliminary soil erosion and sediment control plan depicting the location of all erosion control measures to be utilized on the site during construction. There will not be over an acre of land disturbance, so no permitting should be required.
11. Soil erosion and sediment control details as provided by the Town of Grand Lake.

Services not Rendered by SMH but May be Required

1. Geotechnical investigation as required by the Town of Grand Lake for roadway section design.
2. Construction testing.
3. All other services not identified in the above scope of services.

Additional Services

Any services not identified in the fore mentioned scope of services requested by the owner will be provided at 2023 hourly rates.

Notes

1. There may be studies (i.e. additional traffic, additional drainage, sewer and etc.) not identified in this scope of services that may arise because of other jurisdictional agencies. As the need for these studies arises a separate scope of work will be developed for approval by the client.
2. Any changes to the overall layout of the site, the design constraints, original design intent and so forth made midstream in the project will impact the ability to complete the work within the fee proposed. These changes, if necessary, will constitute a revised and re-negotiated scope of work and fee.
3. All designs shall be provided on SMH title block and provided to owner in PDF format.
4. Any services not identified in the fore mentioned scope of services requested by the architect or owner will be provided at 2023 hourly rates.



**Town of Grand Lake, Colorado
Roadway Engineering for Lucy Street
Fee Schedule**

Project Management

Professional Engineer 29 hrs @ \$170/hr = \$4,930

Topographic and Utility Survey

Professional Surveyor 2 hrs @ \$186/hr = \$372

Survey Crew 18 hrs @ \$160/hr = \$2,880

CAD Technician 16 hrs @ \$106/hr = \$1,696

Civil Engineering Construction Documents

Professional Engineer 26 hrs @ \$170/hr = \$4,420

Design Engineer 156 hrs @ \$128/hr = \$19,968

**Geotechnical Engineering
Subconsultant Services**

\$7,000

Total Not to Exceed Hourly Fee = \$42,000