

**Agenda Item No: CA-h**

**Meeting Date: January 9, 2023**

**Subject:** Approval of Resolution 23-06, approving an Agreement with Lamp, Ryneerson, Inc., not to exceed \$40,000, to provide engineering design services for York Street.

Lamp, Ryneerson had previously worked on conceptual drawings for this improvement. Also, this firm worked closely with Anderson Consulting to develop the Outfall System Plan. The City has successfully worked with Lamp, Ryneerson on similar projects and a Professional Services Agreement has already been executed. Due to the prior work completed & intimate knowledge of the project scope, sole sourcing this work to this consultant was the most efficient use of City funds.

**Background:** Currently, the aggregate has diminished and the roadway is slippery and muddy following adverse weather conditions. This project will provide a continuous asphalt surface for the remainder of York St within the Dacono City limits. There are many benefits, including enhanced storm water conveyance, implementation of a portion of the recently adopted OSP plan, decreased maintenance on the existing dirt road surface & improved rideability for motorists.

The City has approved budget to upgrade the existing dirt road to an asphalt paved Rural Local street section. The consultant will provide engineering design for the entire length of improvements, consisting of improved subgrade, asphalt pavement, drainage improvements & widened shoulders.

**Recommended Action:** Staff is recommending approval of Resolution 23-06.

**RESOLUTION NO. 23-06**

**A RESOLUTION APPROVING A PROPOSAL FOR PROFESSIONAL  
ENGINEERING WITH LAMP, RYNEARSON, INC,  
FOR ENGINEERING DESIGN SERVICES**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DACONO,  
COLORADO:**

**Section 1.** The Proposal for Professional Engineering by and between the City of Dacono and Lamp, Ryneerson, Inc. is hereby approved in essentially the same form as the copy of such Agreement accompanying this resolution.

**Section 2.** The Mayor is hereby authorized to execute the Agreement. The City Council further authorizes the Mayor to negotiate and approve on behalf of the City such revisions to the Agreement as the Mayor and City Attorney's Office determines are necessary or desirable for the protection of the City, so long as the essential terms and conditions of the Agreement are not altered.

**INTRODUCED, READ, and ADOPTED** this 9<sup>th</sup> day of January, 2023.

CITY OF DACONO, COLORADO

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Adam Morehead, Mayor

ATTEST:

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Valerie Taylor, City Clerk

December 21,2022

Bobby Redd, P.E.  
City of Dacono  
125 S. Forest Avenue  
PO Box. 186  
Dacono, CO 80514

Proposal for Professional Engineering and Survey Services for Dacono York Street / Grandview Intersection and  
Drainage Design and Construction Administration

Dear Mr. Redd:

Lamp Rynearson is excited to assist the City of Dacono with Survey and Civil Engineering services for the City of Dacono York Street / Grandview Intersection and Drainage Design improvements. This proposal is based on our review of a proposal package, and various meetings with City personnel to clarify the scope and extent of the project.

Attached is a detailed Scope of Services and cost breakdown for the engineering and survey services, as requested. Please review the detailed project scope and fees. As discussed, we have already started utility data collection with crews on site early next week, weather permitting.

We appreciate the opportunity to present this fee estimate and look forward to assisting you in the successful completion of this project. We would be glad to discuss any questions you may have on our fee estimate. If this fee estimate is acceptable, we ask that you acknowledge by having Adam Morehead, Mayor sign below and returning one signed copy to us.

Sincerely,  
**Lamp, Rynearson, Inc.**



Gary A Odehnal, PE  
Senior Project Manager

Agreed & accepted by:  
**City of Dacono**

Adam Morehead  
Mayor

Professional Engineering and Survey Services for Dacono York Street / Grandview Intersection, Drainage Design and Construction Administration

## SCOPE OF SERVICES

### TASK 1: Misc. Meetings, Field Survey, SUE, Potholes, Easement

- Meetings, analysis and programming: Lamp Ryneerson (Lamp) will review existing documents, studies and reports relevant to the project. In addition, Lamp will review base information from Weld County and the City before commencement of field or design work. We will meet with City staff to identify background information and incorporate staff suggestions, recommendations and other requirements.
  
- Field Survey, SUE, Potholes, Easement: Lamp will perform a detailed Utility survey of all surface markings from existing utility infrastructure. Survey data will be collected for all existing surface improvements, including driveways and gravel access adjacent to drives. Sub surface locations for water and sewer will be by locates, along with small wire utilities and will be coordinated by an independent utility locator. This effort will include evaluation of the following features:
  - Draft base map information and provide to engineer in CAD format.
  - Review title work for the 3 properties impacted by this project.
  - Location of underground utilities existing on or serving the surveyed property as determined by observed surface evidence and markings by the underground utility consultant. Advise City and engineer if it appears additional potholes will be required.
  - Stake 15 pothole locations. Subconsultant will provide potholes.
  - Subsurface Utility Engineering (SUE) will be Level B generally, and Level A at the two drainage crossings. We are assuming a total of 15 potholes for this area (\$450/ea). The SUE contractor will provide a report with depth, size and material, and photos, if visible. Includes professional traffic control plans.
  - Prepare 3 legal descriptions with exhibits for storm sewer appurtenances and grading.
  
- Horizontal Control Plan: Based upon a complete site plan, Lamp will prepare a Preliminary Horizontal Control Plan, with principal dimensions and ties to significant site features. The plan will detail all utility service, along with existing sewer and storm drainage.

Task 1: Misc. Meetings, Field Survey, SUE, Potholes, Easement \_\_\_\_\_ \$16,300

## TASK 2: Final Design and Construction Documents

- Final Roadway Design: Based on City review comments, and additional conversations with the City, Lamp will develop the Final design construction documents for approx. 200lf of Grandview Ave. In addition, Lamp will provide a Final design solution that will include the integration of York Street as a Major Collector Street to the south and including Curb, Gutter and Handicap ramps at both southern intersections. The northern curb returns will be matched into the existing Rural Road section and on Curb & Gutter will be completed to the north. In addition, Lamp will be paying special attention to handicap ramps and safe ADA routes in the intersection area.
- Storm Sewer Plan & Profile: Based upon the site condition survey, Lamp will prepare a detailed plan and profile design of the replacement of approx. 400lf of 36" RCP storm water outfall. The plan will detail the culvert plan and profile design, box culvert design and headwalls / wingwalls for the box outfall. In addition, the plan will resolve water main, oil and gas main conflicts and show detailed deflections for the affected utilities.
- Culvert and Box Hydraulics: Lamp will evaluate the revised alignment of the twin 36" RCP's and update the base hydraulic models. We will be focusing on the overflow on York Street and reduction of flows diverted over York Street in an effort to reduce the Box Culverts.
- Meeting Attendance and Revisions: Lamp will attend up to two (2) team meetings with City staff to identify background information and incorporate staff suggestions, recommendations and other requirements.

Task 2: Final Design and Construction Documents\_\_\_\_\_ \$18,800

## TASK 3: Project Manual and Bid Coordination

- Project Manual and Engineers Estimate: Lamp will prepare a project manual and Project specification manual (using Dacono specifications). The manual will include a project specification, measurement and payment sections, contract documents, special conditions and bid tabulation summary for the project. We will also prepare an Engineers Cost Estimate for the project.
- Pre-Bid Coordination / Bid Opening: Lamp will provide support for the City during the City Bid process. We will prepare and distribute Contract Addendums, an allowance for 2 hrs responding to contractor questions and attend the Pre-Bid meeting. Lamp will also attend the project bid opening and assist the City with the final contractor selection process.

TASK 3: Project Manual / Bid Coordination\_\_\_\_\_ \$4,800

**COST SUMMARY**

TASK 1: Misc. Meetings, Field Survey, SUE, Potholes, Easement\_\_\_\_\_ \$16,300

TASK 2: Final Design and Construction Documents\_\_\_\_\_ \$18,800

TASK 3: Project Manual and Bid Coordination\_\_\_\_\_ \$4,800

**Total Cost: \$ 39,900**

**CONDITIONS, ASSUMPTIONS, AND EXCLUSIONS**

The following conditions, assumptions, and exclusions are an integral part of this proposal:

- 1) This proposal is subject to all the provisions and agreements as detailed in the Engineering Service Agreement dated 1/8/2018.
- 2) Lamp Rynearson will survey the roadway and collect topographic and utility data. Property corners will be recovered, where possible, but this is not to be considered a complete boundary survey of the subject street right of way.
- 3) The depiction of recorded or otherwise known easements and rights-of-way will be per the recorded plats.
- 4) The release or creation of new/proposed easements is not included in the scope of services.
- 5) The production of an ALTA survey is not included in the scope of services.
- 6) Winter conditions may limit our ability to identify all existing utility lines. We will coordinate with the CLIENT to evaluate current conditions prior to conducting the survey. If the CLIENT's schedule necessitates the survey be conducted in a heavy snow condition, then additional trips and associated additional fees may be required.
- 7) No traffic impact analysis, geotechnical services or pavement design analysis have been included in our fees.
- 8) No environmental assessment (hazardous waste) services are included.
- 9) The consultant will be utilizing all available City and County information available for this project. We assume that the City will support the consultant for any data required, either in the form of archived reports or studies or request for information from Weld County, as required.
- 10) If conditions materially change during the course of this project, we reserve the right to re-negotiate this contract to reflect the changed conditions.
- 11) Lamp Rynearson will have full access to the property to conduct the utility locates and survey.

- 12) Updating monument records or upgrading section corner monuments is not anticipated in this scope and is not included.