

This is Task Order No. 2303-00118.02, consisting of 3 pages.

Task Order

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated April 17, 2023 ("Agreement"), Owner and Engineer agree as follows:

Background Data

- a. Effective Date of Task Order: June 13, 2023
- b. Owner: Huerfano County
- c. Engineer: KLJ Engineering LLC
- d. Specific Project (title): Gardner Shared Use Path
- e. Specific Project (description): Feasibility study to design and construct a 1.1-mile shared use path along Colorado Highway 69.

Services of Engineer

- A. The specific services to be provided or furnished by Engineer under this Task Order are:

Study and Report

KLJ will conduct a feasibility study to design and construct a 1.1-mile shared use path along Colorado Highway 69. The path will begin at the Town of Gardner Community Center at County Road 543 heading west on SH69 ending at intersection with County Road 550. KLJ will provide a report to Huerfano County summarizing the findings.

Additional Services

No additional services.

Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, subject to the following:

The County shall participate in coordination calls through project completion, provide supplementary documents as necessary, and provide feedback to ensure overall project accuracy and competitiveness.

Payments to Engineer

A. Owner shall pay Engineer for services rendered under this Task Order as follows:

\$73,628.50

B. The terms of payment are Lump Sum (plus any expenses expressly eligible for reimbursement) as set forth in Article 4 of the Agreement and in the applicable governing provisions of Exhibit C. **Reimbursable expenses are estimated to be \$2,450 and are included lump sum.**

Consultants retained as of the Effective Date of the Task Order:

- Roscoe Engineering
- Transportation Resource Services (TRS)

Other Modifications to Agreement and Exhibits: None

Attachments: None

Other Documents Incorporated by Reference:

A. April 17, 2023, Agreement between Owners and Engineering for Professional Services, Task Order Edition

Terms and Conditions

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner. The effective date of this Task Order is June 13, 2023.

OWNER: Huerfano County

ENGINEER: KLJ Engineering LLC

By: _____

By:  _____

Print Name: John Galusha

Print Name: Luke LaLiberty

Title: Chair, Board of County Commissioners

Title: Associate Vice President

Firm's Certificate No. (if required): _____

State of: _____

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

EXHIBIT A

Gardner State Highway 69 Shared Use Path Scope of Services Huerfano County, CO

Scope of services for the unincorporated Town of Gardner 1.1-mile shared use path along Colorado State Highway (SH) 69. The path will begin at the Town of Gardner Community Center heading west on SH69 ending at intersection with County Road 550.

The scope of services will cover the study and report phase of the project. The project will evaluate shared use path alignment alternatives determining a preferred alternative. Alternative alignment study and report services will evaluate attached, separated path alignments along State and County Road shoulders. The findings will be summarized in a feasibility report.

Study and Report Phase

Project Management

Project Management will include work necessary for the effective communication and coordination of the project to assure the project tasks are completed on time, within budget, and in accordance with State and Federal laws, rules, and regulations.

- Project Coordination
 - PM will hold bi-weekly check-in meetings with the project design task leads to coordinate work and deliverables.
- Meetings
 - Design Scoping Review Meeting - KLJ Project Manager (PM) will schedule a design scoping review meeting. The meeting will establish communications protocol and discuss the project scope and schedule. A project site visit will be scheduled concurrently with the kick-off meeting.
 - Monthly Check-in Calls - KLJ Project Manager (PM) will hold monthly check-in phone calls with the Huerfano County Project Manager (HCPM). The purpose of the call is to review scope, schedule, budget, and risk as it relates to the project. The calls are intended to be informal, so formal minutes and agendas are not anticipated.
- Schedule and Budget Tracking
- Quality Control and Assurance
- Invoicing and Progress Reporting
- Assumptions
 - 6 months, 6 monthly check-in calls (30 minutes long)
- Deliverables
 - Study and Report Phase
 - Agenda and Meeting Minutes
 - Schedule and Budget Updates

- Invoices and Progress Reports
- Alternatives Report – Feasibility Report

Public Involvement

Study and Report Phase

- Public pop-up meeting with adjacent landowners/concerned citizens/stakeholders.
- Document and summarize all public input and include within the study phase report.
- Assumptions
 - One pop-up meeting at local establishment
 - One poster board
 - One project mailing
- Deliverables
 - Study and Report Phase
 - Project mailings
 - Paper survey
 - Alternatives Report – Public involvement summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Formal public meetings.
 - Website.

Survey

Collect survey data to support the development of conceptual shared use path alignment alternatives, and design plans for preferred shared use path alignment for the project.

Study and Report Phase

- Field Collection
 - Existing Property Corners and Right of Way (ROW) monuments as required
 - Required PLSS monuments
 - ROW monumentation affecting alignment and ROW/Easement of proposed alignments
 - Drone survey supported by minimal topographic survey
 - Drone photogrammetry by a licensed UAV pilot
 - Aerial photos
 - Apparent utilities, waterways, and structures etc. as required
 - Spot shots for contours as needed
 - ROW
 - Locate required monumentation for proposed alignments
- Office Work and Coordination
 - Coordinate survey crew, survey data, and CAD survey mapping
 - Process data and drafting
 - Provide exhibits and legal descriptions depicting proposed centerlines with ROW/Easement 30-foot in width with ties to the PLSS.
- Assumptions

- One (1) trip of survey crew, (2 days)
- Ownership notifications of Right of Entry will be provided by the County
- Site surveyed and mapped using the following survey system and units:
 - NAD83 Zone 503/NAVD88 – Horizontal/Vertical
 - US Survey Feet – Units
- Digital survey information, drawings, and files will be done using Microstation
- Deliverables
 - Study Phase
 - Drone survey, including topography
 - Visible utility's locations
 - Location of existing ROW based on Record information and found Monumentation
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Setting of aliquot part corners not relevant to Right of Way/Easement
 - Monumentation for location of ROW lines specifically requested by owner.
 - Individual Property Surveys
 - Boundary line dispute resolution
 - Right of Way Plats / Exhibits / Legal Descriptions

Right-of-Way

The proposed route follows State and County roadways. Portions of these roadways are within deeded right-of-way and some sections are within prescriptive right-of-way. KLJ will support Huerfano County's Land Use Department by evaluating the right-of-way and easement needs for the project. We will work closely with CDOT for this task.

Study and Report Phase

- Identify right-of-way and easement needs and challenges for alignment alternatives.
- Determine the preferred route and specific right-of-way and/or easement needs for said route.
- Identify potential temporary construction and slope easements based on limits for preferred alignment layout.
- Deed and property research – Using Huerfano County Assessor and Clerk and Recorder Data pull last deed of record for properties adjacent to alignment alternatives.
- Assumptions
 - All existing prescriptive easement information, plats, monument records, legal descriptions etc. not readily available through online access will be provided by the County.
 - An estimated sixty (60) property owner records are anticipated to be pulled
- Deliverables
 - Study Phase
 - Ownership list, old ROW plans and other available ROW information
 - Plats for right-of-way alternatives
 - Alternatives Report – Right-of-Way summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Landowner negotiations and right-of-way/easement acquisitions

Subsurface Utility Engineering (SUE)

Identify potential utility impacts by the proposed improvements which may include a Colorado 811 One Call for field markings and obtaining utility base mapping

Study and Report Phase

- Collection of Records
 - Submit Colorado 811 SUE notification
 - Follow up with record requests on an as needed basis.
 - Surveying visible and 811 marked utility facilities
- Surveying visible above ground utility facilities
- Develop a utility CAD base file from
 - Utility owner provided records
 - aerial photography interpretation
 - surveying, and
 - other base mapping provided by others
- Assumptions
 - 6-month period of performance
- Deliverables
 - Study Phase
 - Utility base map
 - Alternatives Report – Utilities summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Quality Levels A through D investigations

Environmental

Coordinate with County and CDOT to determine NEPA class of action (environmental document) for the project.

Study and Report Phase

- Data Collection
 - Class I cultural resource investigation
 - Environmental resource database review
- NEPA Documentation to evaluate a multitude of environmental resource categories as necessary.
 - CDOT Form 128, NEPA Determination / Project Certification.
- Assumptions
 - Project will be approved as a Class II action (Programmatic Categorical Exclusion) under NEPA
 - Two alternatives will be evaluated, including
 - A no build alternative
 - A one (1) build alternative
 - Wetland Impacts within Threshold for Nationwide Permit
 - Section 4(f) impacts or consultation with regulatory agencies will not be required
 - No impacts to properties acquired under Section 6(f) of the Land and Water Conservation Fund

- Project will remain within State and County ROW and not impact any state and federal lands
- Wetland Mitigation – If required to offset impacts to wetlands, purchase Credits at Approved Wetland Bank by the County
- Deliverables
 - Study and Report Phase
 - Draft CDOT Form 128, NEPA Determination / Project Certification
 - Draft Cultural Resources Report
 - Alternatives Report – Environmental summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Section 4(f) – Historic and Non-Historic formal agency consultation
 - Section 6(f) consultation
 - Biological Field Investigation or Assessment Report
 - An Individual USACE Section 404 permit
 - Other permitting
 - Tribal or agency consultation
 - Air or noise monitoring or permitting
 - Formal consultation with state/federal wildlife agencies regarding state or federally listed threatened or endangered species
 - Section 404 nationwide permit

Geotechnical (Services excluded during Study and Report Phase)

- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Field Investigation
 - Laboratory Testing
 - Engineering Evaluation Report

Hydrology & Hydraulics

Study and Report Phase

- Provide hydraulic support to design team for determining impacts to drainage
- Deliverables
 - Study Phase - None

Roadway/Shared Use Path

Study and Report Phase

- Define design controls and criteria
- Prepare calculations, if necessary
- Identify alternative alignments and set horizontal alignment and vertical profile
- Identify engineering challenges
- Prepare conceptual plans (20% design)
- Compute quantities for conceptual alternatives
- Prepare conception design level opinion of probable construction costs

- Quality control check of design criteria, calculations, plans, quantities, report, and construction costs
- Alternatives Report – Shared use path summary
- Assumptions
 - Evaluate maximum of two (2) alignments for shared use path
 - Evaluate attached, separated and combination of paths adjacent to SH69
- Deliverables
 - Study Phase
 - Shared use path typical section (proposed)
 - Existing utilities information where known
 - Schematic drawings and conceptual plans
 - Conceptual design level opinion of probable construction costs
 - Alternatives Report – Shared use path summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Traffic data, accident data and safety report

Structures

Study and Report Phase

- Identify potential structures
- Identify engineering challenges
- Structures conceptual layout
 - Pedestrian bridge
- Assumptions
 - One (1) stream crossing
 - One (1) pedestrian bridge, or
 - One (1) low water crossing
- Deliverables
 - Study Phase
 - Conceptual design level quantities and opinion of probable construction costs
 - Conceptual plan layout of pedestrian bridge
 - Schematic typical section pedestrian bridge
 - Conceptual plan layout of low water crossing
 - Schematic typical section of low water crossing
 - Alternatives Report – Structures summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**

Services excluded from this contract

- Preliminary Phase
- Design phase

- Bidding Phase
- Construction Services Phase

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Title: Senior Engineer

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