



## Town of Bayfield

Town Board Meeting – Thursday May 2, 2024

6:00pm Special Meeting

Retreat to Follow Special Meeting

1199 Bayfield Parkway; Bayfield, CO Town Hall Boardroom

Join Zoom Meeting <https://us06web.zoom.us/j/83927602886> Meeting ID: 839 2760 2886

One tap mobile

+17193594580,,83927602886# US

+16699006833,,83927602886# US (San Jose)

### Speak up for the Zoom Audience

#### Special Meeting Agenda:

- 1. Opening Ceremonies** (6:00 – 6:05)
    - a. Call Meeting to Order
    - b. Roll Call
    - c. Pledge of Allegiance
    - d. **Conflict of Interest – Announcement**
    - e. **General Public Input on Special Meeting Agenda Items**
  - 2. Special Use Path (SUP) 23709 / 24004 at Bayfield Center (Awarded \$1,025,070)** Page 3 (6:05 – 6:15)
    - a. Review Design Engineer KLJ Contract \$89,213 Pages 4-5
    - b. Conditional Award Construction to Jaynes Corporation \$1,024,540 forward to CDOT HQ Page 6
    - c. Qualification Conditional Award to Bechtolt for Construction Management \$96,372.72 Pages 7-31
    - d. Reapportion approximately \$180,000 from Center Sidewalks to SUP Page 32
  - 3. Adjourn Special Meeting** (6:15)
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- A. Retreat** (6:15 – 6:25)
    1. Ice Breaker – Suggestions to get to know each other.
    2. Triple H – Share a Hero, Hardship or Highlight
    3. Define a moment that made you who you are
    4. Share three things that are meaningful
  - B. Staff Projects** (6:25 – 6:45)
 

1. Town Manager	4. Parks & Trails
2. Community Development Director	5. Police Department
3. Culture Recreation & Resources	6. Public Works
	7. Senior Center
  - C. Board of Trustee Lists & Applicable Staff Response** (6:45 – 8:15)
 

1. Mayor Au	4. Trustee MacLaurin
2. Mayor Pro Tem Hartz	5. Trustee Morlan
3. Trustee Katsos	6. Trustee Nyberg
	7. Trustee Snooks
  - D. Information and Wrap Up** (8:15 – 8:30)
    1. Formation of a Special District + Pine River Library Special District Example
    2. Board of Trustees Vision Priority and Strategic Planning Work Sessions
    3. CML Board & Commissions Regarding Public Meetings & Public Involvement Pages 5-10
  - E. May Events/Meetings** (8:30 – (8:35))
 

1. May 7, 6:30pm Board Regular Meeting	6. May 16, 6:00pm Agriculture Community Info
2. May 9, 2:00pm RHA Meeting in Bayfield	7. May 20, 5:00pm CML District Meeting in Cortez
3. May 14, 8:00am Alliance in Durango	8. May 21, 6:30pm Board Regular Meeting
4. May 14, 6:30pm Planning Commission	9. May 27 – Memorial Day – Town Offices Closed
5. May 15, 5:00pm CIRSA Training in Mancos	10. May 30, 5:30pm Water, Sewer, Stormwater, Trash
  - F. Adjourn** (8:35)

## Public Meeting Decorum Policy Resolution 493

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In support of and respect for open, fair and informed decision-making process, the Board of Trustees recognize that:

- Civil, respectful and courteous discourse and behavior are conducive to the democratic and harmonious airing of concerns and decision making; and
- Uncivil discourse and/or discourteous and inappropriate behavior have a negative impact on the character and productivity of the decision-making process.
- In an effort to preserve the intent of open government and maintain a positive environment for citizen input and Town Board decision-making.

Compliance with the meeting protocol is expected and appreciated. A printable version of the Meeting Protocol is available. We encourage citizens familiarize themselves with these protocols prior to offering public comment.

1. Public comment is encouraged and will continue to be listed as an agenda item at every regular Board of Trustees meeting. The public comment period will be held near the beginning of the meeting.
2. The Mayor will open public comment by announcing the allotted time provided for the comment period and for individual speakers. Each individual wishing to be heard during the public comment period, will be given up to 3 minutes to make a comment.
3. Please give your name, address and identify your topic.
4. The public comment period will not be used to air personal grievances, make political endorsements or for political campaign purposes, nor discuss matters which are the subject of public hearings. Speakers shall address all comments to the Trustees as a whole and not to individual Trustees. Discussions between speakers and members of the audience shall not be allowed.
5. This time is for receipt of public comment not debate. The Mayor or Trustees will not enter into a dialogue with citizens. Questions from the Trustees will be for clarification purposes only. Public comment will not be used as a time for problem solving or reacting to comments made but, rather, for hearing the citizens for informational purposes only.
6. The Board of Trustees may assign staff to provide information requested by a speaker during the public comment period.
7. The Board of Trustees defer public comment on specific issues that appear on the regular agenda until that specific item or specific section comes up on the agenda.
8. Anger, rudeness, ridicule, obscene or profane language, impatience and lack of respect for others and personal attacks are not acceptable behavior. Demonstrations in support or opposition to a speaker or idea are not permitted in the Boardroom or Meeting room. The Mayor is responsible for maintaining order. Failure to abide by this requirement may result in the forfeiture of the speaker's right to speak.



**COLORADO**  
**Department of Transportation**

Region 5  
Traffic & Safety  
3803 N. Main Avenue, Suite 100  
Durango, CO 81301

September 1, 2020

Project Numbers: TAP M300-001, MTF M065-008  
Project Codes: 23709, 24004  
Project Name: Bayfield SUP Improvements

**VIA EMAIL**

Katie Sickles  
Town Manager  
Town of Bayfield  
PO Box 80  
Bayfield, CO 81122  
ksickles@bayfieldgov.org

**RE: Scoping and Clearance Letter for the Bayfield SUP Improvements Project**

Dear Ms Sickles:

Below is a description of the clearance requirements necessary for the proposed Bayfield SUP Improvements Project based upon the Scoping Meeting held on August 3, 2020. Scoping meeting attendees were:

- Katie Sickles – Town Manager, Town of Bayfield
- Becky Eisenbraun – Bayfield Parks and Rec. Program Coordinator
- Kathleen Cathcart – Town Clerk, Town of Bayfield
- Jeremy Schulz – Public Works Director, Town of Bayfield
- Robert Shanks - CDOT Region 5 Local Agency Engineer
- David Seiler - CDOT Region 5 Survey
- Ralph Campano - CDOT Region 5 ROW

The Town of Bayfield was awarded State of Colorado Multi Modal Options Funds (MMOF) and Federal Highway Administration (FHWA) Transportation Alternatives Program (TAP) funds for construction only as follows:

TAP Funds (FY2021) (federal):	\$583,412
TAP Funds (FY2022) (federal):	\$192,980
MMOF Funds (state):	\$248,678
Town of Bayfield:	\$0
<b>Total</b>	<b>\$1,025,070</b>

All clearance work shall be conducted by qualified personnel.

**SHORT FORM OF AGREEMENT  
BETWEEN OWNER AND ENGINEER  
FOR PROFESSIONAL SERVICES**

THIS IS AN AGREEMENT effective as of **November 1, 2021** (“Effective Date”) between Town of Bayfield, Colorado (“Owner”) and KLJ Engineering LLC (“Engineer”).

Owner’s Project, of which Engineer’s services under this Agreement are a part, is generally identified as follows: CDOT Project No.: TAP M300-001, MTF M065-008, Project Code: 23709, 24004, Bayfield Shared Use Path (SUP) Improvements Project (“Project”).

Engineer’s services under this Agreement are generally identified as follows: See Exhibit A for scope of services (“Services”).

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Owner and Engineer further agree as follows:

**1.01 Basic Agreement and Period of Service**

- A. Engineer shall provide or furnish the Services set forth in this Agreement. If authorized by Owner, or if required because of changes in the Project, Engineer shall furnish services in addition to those set forth above (“Additional Services”).
- B. Engineer shall complete its Services within the following specific time period: **6 months from the Effective Date**. If no specific time period is indicated, Engineer shall complete its Services within a reasonable period of time.
- C. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer’s Services is impaired, or Engineer’s Services are delayed or suspended, then the time for completion of Engineer’s Services, and the rates and amounts of Engineer’s compensation, shall be adjusted equitably.

**2.01 Payment Procedures**

- A. *Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and submit the invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt. If Owner fails to make any payment due Engineer for Services, Additional Services, and expenses within 30 days after receipt of Engineer’s invoice, then (1) the amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day, and (2) in addition Engineer may, after giving seven days written notice to Owner, suspend Services under this Agreement until Engineer has been paid in full all amounts due for Services, Additional Services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- B. *Payment:* As compensation for Engineer providing or furnishing Services and Additional Services, Owner shall pay Engineer as set forth in Paragraphs 2.01, 2.02 (Services), and 2.03 (Additional Services). If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise Engineer in

writing of the specific basis for doing so, may withhold only that portion so disputed, and must pay the undisputed portion.

## 2.02 *Basis of Payment—Time & Materials not to exceed*

- A. Owner shall pay Engineer for Services as follows:
  - 1. A not to exceed amount of **\$89,742.34**.
  - 2. In addition to the not to exceed amount, reimbursement as shown in Exhibit C.
- B. The amount billed monthly for Engineer's Services will be based upon Engineer's actual time (hours), expenses, and materials charged to the project during the billing period and in accordance with Exhibit B, Budget Estimate. Mileage, plan copies and other incidental expenses are not typically charged to the Owner without prior written authorization.

2.03 *Additional Services:* For Additional Services, Owner shall pay Engineer an amount equal to the cumulative hours charged in providing the Additional Services by each class of Engineer's employees, times standard hourly rates for each applicable billing class; plus reimbursement of expenses incurred in connection with providing the Additional Services and Engineer's consultants' charges, if any. Engineer's standard hourly rates are attached as Appendix 1. Additional services must be approved in writing, by Owner, before Engineer performs said services.

## 3.01 *Termination*

- A. The obligation to continue performance under this Agreement may be terminated:
  - 1. For cause,
    - a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party. Failure to pay Engineer for its services is a substantial failure to perform and a basis for termination.
    - b. By Engineer:
      - 1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or
      - 2) upon seven days written notice if the Engineer's Services are delayed for more than 90 days for reasons beyond Engineer's control, or as the result of the presence at the Site of undisclosed Constituents of Concern, as set forth in Paragraph 5.01.I.
    - c. Engineer shall have no liability to Owner on account of a termination for cause by Engineer.
    - d. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under Paragraph 3.01.A.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the

**Bid Results Summary - Bayfield Shared Use Path Improvements**  
**Town of Bayfield, Colorado**  
**Bid Opening 3/25/2024**



KLJ Proj No. 2104-01400 / CDOT Proj No. TAP M300-001, MTF M065-008 / CDOT Proj Code 23709, 24004

Base Bid				ENGINEER'S ESTIMATE		JAYNES CORPORATION (1)			PAP, LLC		K&K Concrete, Inc.		NEIL'S EXCAVATION & GC, INC.	
Contract Item No.	Contract Item Long Description	Estimated Quantity	Unit	Unit Price	Total	Unit Price	Total (math correct)	Total (per bid)	Unit Price	Total	Unit Price	Total	Unit Price	Total
202-00200	Removal of Sidewalk	4,949	SY	\$ 24.00	\$ 118,776.00	\$ 11.61	\$ 57,457.89	\$ 57,473.00	\$ 15.00	\$ 74,235.00	\$ 10.00	\$ 49,490.00	\$ 15.00	\$ 74,235.00
203-00000	Unclassified Excavation	1,850	CY	\$ 25.00	\$ 46,250.00	\$ 25.14	\$ 46,509.00	\$ 46,509.00	\$ 25.00	\$ 46,250.00	\$ 25.00	\$ 46,250.00	\$ 60.00	\$ 111,000.00
203-01597	Potholing	20	HOUR	\$ 400.00	\$ 8,000.00	\$ 396.55	\$ 7,931.00	\$ 7,931.00	\$ 420.00	\$ 8,400.00	\$ 125.00	\$ 2,500.00	\$ 120.00	\$ 2,400.00
208-00002	Erosion Log Type 1 (12 Inch)	3,666	LF	\$ 7.00	\$ 25,662.00	\$ 5.72	\$ 20,969.52	\$ 20,960.00	\$ 6.37	\$ 23,352.42	\$ 8.00	\$ 29,328.00	\$ 7.50	\$ 27,495.00
208-00075	Pre-fabricated Vehicle Tracking Pad	1	EACH	\$ 6,000.00	\$ 6,000.00	\$ 2,832.00	\$ 2,832.00	\$ 2,832.00	\$ 19,566.75	\$ 19,566.75	\$ 11,000.00	\$ 11,000.00	\$ 22,362.00	\$ 22,362.00
208-00146	Pre-fabricated Concrete Washout Structure (Type 2)	1	EACH	\$ 3,800.00	\$ 3,800.00	\$ 1,118.00	\$ 1,118.00	\$ 1,118.00	\$ 15,000.00	\$ 15,000.00	\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00
208-00106	Sweeping (Sediment Removal)	80	HOUR	\$ 150.00	\$ 12,000.00	\$ 55.90	\$ 4,472.00	\$ 4,472.00	\$ 125.00	\$ 10,000.00	\$ 200.00	\$ 16,000.00	\$ 120.00	\$ 9,600.00
208-00207	Erosion Control Management	22	DAY	\$ 200.00	\$ 4,400.00	\$ 302.55	\$ 6,656.10	\$ 6,656.00	\$ 179.00	\$ 3,938.00	\$ 500.00	\$ 11,000.00	\$ 190.00	\$ 4,180.00
210-04050	Adjust Valve Box	1	EACH	\$ 750.00	\$ 750.00	\$ 1,416.00	\$ 1,416.00	\$ 1,416.00	\$ 850.00	\$ 850.00	\$ 1,200.00	\$ 1,200.00	\$ 850.00	\$ 850.00
212-01200	Landscape Restoration	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 4,615.00	\$ 4,615.00	\$ 4,615.00	\$ 15,000.00	\$ 15,000.00	\$ 32,250.00	\$ 32,250.00	\$ 15,000.00	\$ 15,000.00
240-00000	Wildlife Biologist	10	HOUR	\$ 150.00	\$ 1,500.00	\$ 173.30	\$ 1,733.00	\$ 1,733.00	\$ 160.65	\$ 1,606.50	\$ 275.00	\$ 2,750.00	\$ 184.00	\$ 1,840.00
250-00010	Environmental Health and Safety Management	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,243.00	\$ 5,243.00	\$ 5,243.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 6,500.00	\$ 6,500.00
304-06000	Aggregate Base Course (Class 6)	1,542	TON	\$ 50.00	\$ 77,100.00	\$ 63.48	\$ 97,886.16	\$ 97,887.00	\$ 55.00	\$ 84,810.00	\$ 45.00	\$ 69,390.00	\$ 70.00	\$ 107,940.00
304-09014	Aggregate Base Course (Special)	659	TON	\$ 50.00	\$ 32,950.00	\$ 78.18	\$ 51,520.62	\$ 51,518.00	\$ 60.00	\$ 39,540.00	\$ 36.00	\$ 23,724.00	\$ 80.00	\$ 52,720.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	198	SY	\$ 170.00	\$ 33,660.00	\$ 84.97	\$ 16,824.06	\$ 16,825.00	\$ 45.00	\$ 8,910.00	\$ 155.00	\$ 30,690.00	\$ 80.00	\$ 15,840.00
607-11525	Fence (Plastic)	150	LF	\$ 5.00	\$ 750.00	\$ 4.43	\$ 664.50	\$ 665.00	\$ 4.10	\$ 615.00	\$ 10.00	\$ 1,500.00	\$ 4.70	\$ 705.00
608-00015	Detectable Warnings	120	SY	\$ 130.00	\$ 15,600.00	\$ 79.52	\$ 9,542.40	\$ 9,542.00	\$ 78.20	\$ 9,384.00	\$ 410.00	\$ 49,200.00	\$ 85.00	\$ 10,200.00
608-00006	Concrete Sidewalk (6 Inch)	4,972	SY	\$ 115.00	\$ 571,780.00	\$ 105.40	\$ 524,048.80	\$ 524,062.00	\$ 102.00	\$ 507,144.00	\$ 105.00	\$ 522,060.00	\$ 112.00	\$ 556,864.00
614-00026	Sign Panel (Class I) (Install Only)	6	LF	\$ 35.00	\$ 210.00	\$ 37.83	\$ 226.98	\$ 227.00	\$ 750.00	\$ 4,500.00	\$ 100.00	\$ 600.00	\$ 180.00	\$ 1,080.00
625-00000	Construction Surveying	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 19,805.00	\$ 19,805.00	\$ 19,805.00	\$ 31,000.00	\$ 31,000.00	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
626-00000	Mobilization	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 88,765.00	\$ 88,765.00	\$ 88,765.00	\$ 40,000.00	\$ 40,000.00	\$ 52,000.00	\$ 52,000.00	\$ 45,386.00	\$ 45,386.00
630-00000	Flagging	10	HOUR	\$ 60.00	\$ 600.00	\$ 40.80	\$ 408.00	\$ 408.00	\$ 33.60	\$ 336.00	\$ 60.00	\$ 600.00	\$ 50.00	\$ 500.00
630-00012	Traffic Control Management	107	DAY	\$ 1,300.00	\$ 139,100.00	\$ 185.20	\$ 19,816.40	\$ 19,816.00	\$ 790.00	\$ 84,530.00	\$ 675.00	\$ 72,225.00	\$ 955.00	\$ 102,185.00
630-80340	Pedestrian Barricade (ADA)	100	LF	\$ 70.00	\$ 7,000.00	\$ 3.06	\$ 306.00	\$ 306.00	\$ 65.13	\$ 6,513.00	\$ 46.00	\$ 4,600.00	\$ 33.00	\$ 3,300.00
630-80341	Construction Traffic Sign (Panel Size A)	4	EACH	\$ 80.00	\$ 320.00	\$ 39.75	\$ 159.00	\$ 159.00	\$ 68.55	\$ 274.20	\$ 60.00	\$ 240.00	\$ 42.00	\$ 168.00
630-80380	Traffic Cone	50	EACH	\$ 15.00	\$ 750.00	\$ 7.94	\$ 397.00	\$ 397.00	\$ 13.65	\$ 682.50	\$ 15.00	\$ 750.00	\$ 9.00	\$ 450.00
700-70010	F/A Minor Contract Revisions	1	F A	-	\$ 20,000.00	-	\$ 20,000.00	\$ 20,000.00	-	\$ 20,000.00	-	\$ 20,000.00	-	\$ 20,000.00
700-70023	F/A On-The-Job Trainee	1	F A	-	\$ 3,200.00	-	\$ 3,200.00	\$ 3,200.00	-	\$ 3,200.00	-	\$ 3,200.00	-	\$ 3,200.00
700-70380	F/A Erosion Control	1	F A	-	\$ 10,000.00	-	\$ 10,000.00	\$ 10,000.00	-	\$ 10,000.00	-	\$ 10,000.00	-	\$ 10,000.00
				<b>TOTAL</b>	<b>\$ 1,276,158.00</b>	<b>TOTAL</b>	<b>\$ 1,024,522.43</b>	<b>\$ 1,024,540.00</b>	<b>TOTAL</b>	<b>\$ 1,074,637.37</b>	<b>TOTAL</b>	<b>\$ 1,081,547.00</b>	<b>TOTAL</b>	<b>\$ 1,219,000.00</b>

(1) For Jaynes Corporation only, the yellow highlighted items show the extended total math correct vs the extended total as submitted on their bid



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**Bayfield Shared Use Path  
CONSTRUCTION MANAGEMENT, INSPECTION AND TESTING  
SCOPE OF WORK**

Dated April 19, 2024

Project:  
**TAP M300-001 (23709)**  
**MTF M065-008 (24004)**

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The Contract Administrator for this Task Order:

For the Town:                      Katie Sickles  
Town Administrator  
Town of Bayfield  
PO Box 80; 1199 Bayfield Parkway  
Bayfield, CO 81122  
Phone: 970-884-9544  
E-mail: [ksickles@bayfieldgov.org](mailto:ksickles@bayfieldgov.org)

For Consultant:                      Richard D. Bechtolt, P.E.  
Bechtolt Engineering, Inc.  
3059 Main Avenue  
Durango, CO 81301  
Phone: 970-259-7534  
E-mail: [richbechtolt@bechtolt.com](mailto:richbechtolt@bechtolt.com)

**Definitions**

**Consultant** - The firm or corporation providing personnel under this agreement to perform construction services as outlined herein.

**Consultant Project Engineer (CPE)** - The Consultant Project Engineer is responsible to the Resident Engineer for the quality and successful completion of a transportation project. The CPE shall be assigned full time on the project site. The Consultant Project Engineer works directly for the CDOT Resident Engineer. The CPE shall be licensed in the State of Colorado, unless otherwise approved by the CDOT Resident Engineer, and is in responsible charge of construction.

**Consultant Assistant Project Engineer** - The Consultant Assistant Project Engineer is the employee on the project who will assist the Consultant Project Engineer in administering the project. The Consultant Assistant Project Engineer will perform construction inspection and other project-related services under the responsible charge of the Consultant Project Engineer/Manager and at the direction of the CDOT Resident Engineer. If the Consultant Assistant Project Engineer is a Professional Engineer, they may be the individual in responsible charge when the Consultant Project Engineer is not on the project if so determined by the Consultant Principal.

**Consultant Principal** - The Consultant employee in responsible charge of Consultant services performed as described in this Contract. The Consultant Principal administers the Consultant contract. The Consultant Principal shall be available during construction and will be utilized as needed to provide engineering guidance and oversight of the Consultant's employees. The number and types of personnel may be adjusted up or down to meet project workload and Contractor's schedule.

**Consultant Inspector** - Consultant employee who performs construction inspection, and other project-related services under the responsible charge of the Consultant Project Engineer/Manager, and at the direction of the CDOT Resident Engineer.

**Consultant Tester** - Consultant employee who performs construction testing, and other project-related materials services under the responsible charge of the Consultant Project Engineer/Manager, and at the direction of the CDOT Resident Engineer.

**Contractor** - The individual, firm, or corporation contracting with CDOT to construct a transportation project.



**General Scope of Work, Staffing and Duration**

This task order is requesting the Consultant provide the following personnel for construction activities for the following Town of Bayfield Construction Project:

TAP M300-001 (23709)/MTF M065-008 (24004) - This project is located in the Town of Bayfield. Project work consists of the removal of approximately 4475 lf of 10' wide asphalt surfaced shared use path and replacement with approximately 4782 lf of 10' wide x 6" thick of concrete surfacing with detectable warnings. The project also includes stormwater management, erosion control, and traffic control.

The scope of the construction project is fully defined by the stamped set of plans and specifications by KLJ Engineering, Inc., dated February 27, 2024.

The consultant shall provide the following personnel:

- 1 Consultant Project Engineer (Part Time)
- 2 Consultant Inspectors (Part Time)
- 1 Consultant Tester (As Needed)

The Consultant Project Engineer shall be responsible for all project management and documentation activities, and other duties assigned by the Town Manager. Other work consists of construction schedule reviews of initial schedule and progress schedules.

The Consultant Inspectors shall be responsible for day-to-day inspection and documentation activities as assigned by the Consultant Project Engineer.

The Consultant Project Tester shall be responsible for day-to-day testing and documentation activities as assigned by the Consultant Project Engineer.

The project has an early start date of May 1, 2024 and a late start date of June 1, 2024. The Contractor shall complete all work within 90 working days. The time period for the work described in this scope of work covers the period for pre-construction, construction, and post construction activities.

A. **General:**

- a. **Pre-Construction:** It is anticipated that the Project Engineer, Inspectors and Tester will be available 2 weeks prior to the contractor's start date. Work hours are calculated based on an 8 hour day. The duties will include becoming familiar with the plans and specifications, and other required pre-construction preparation and meetings.
- b. **Construction:** Workweeks may be in excess of or less than the standard 40-hour week. Work hours are calculated based on a 10 hour day. Work may also be periodically required on weekends. Support construction staff will be Consultant personnel and shall remain assigned to the project site during the duration of the construction, unless otherwise directed by the Town Project Manager.
- c. **Post Construction:** It is anticipated that all consultant work shall be completed for the projects within 30 days of the construction Project Acceptance date. It is anticipated that the Project Engineer and Tester will work 30 days after project acceptance. Work hours are calculated on an 8 hour work day.

The following number of hours of work are estimated for this project:

- Consultant Project Engineer (Part Time)(Bechtolt)
  - Pre-Construction = 20 hours
  - Construction = 72
  - Post Construction = 20 hours
    - Total = 112 hours
  
- Consultant Project Inspector (Part Time)(Bechtolt)
  - Pre-Construction = 20 hours
  - Construction = 288
  - Post Construction = 20 hours
    - Total = 328 hours
  
- Consultant Project Inspector (As Needed)(Trautner)
  - See Attached

#### **Authorization to Proceed**

Work shall not commence until written Notice to Proceed is received by the Consultant, and shall be completed in the time specified.

#### **Routine Billing & Reporting**

The Consultant shall provide the following on a regular basis:

- 1) Monthly billing formats, suitable to the Town Project Manager, for contract activities performed by the Consultant’s Project Engineer, Inspector, and Tester.
- 2) Monthly updates showing actual and anticipated expenditures for the Task Order in association with the Task Order timeline and/or the Contractor’s construction schedule.
- 3) Periodic reports and billings required by CDOT Procedural Directive 400.2.
- 4) Weekly time cards for consultant personnel. The Project Engineer, prior to billing, must sign these time cards. The time cards shall be sent to the Town Project Manager weekly for signature prior to billing.

#### **Status of Contract**

The Consultant shall monitor the fiscal status of the contract, and advise the Town Project Manager of the potential for supplementing their contract or negotiating an additional task order. Failure to monitor contract status and provide timely notification may result in discontinuation of the Consultant’s services on the project until a supplemental agreement can be effected.

#### **Project Standards**

Documentation shall be in accordance with the latest versions of the Colorado Department of Transportation’s Construction Manual, Field Materials Manual, CDOT Laboratory Manual of Test Procedures, Colorado Department of Transportation Inspector’s Checklist, Standard Specifications for Road and Bridge Construction, the Supplemental Specifications, applicable M & S standards, and the plans and specifications currently in use when the construction project is advertised or revised under advertisement.

References to “the specifications” shall include applicable CDOT Standard Specifications for Road and Bridge Construction including Supplemental Specifications, Project Standard Revisions and Project Special Provisions, and project plans and specifications.

Proposed work procedures shall be coordinated with the Project Engineer prior to the start of work.

**Labor, Materials, Vehicles & Equipment**

The Consultant shall furnish personnel, materials, equipment, and transportation required to perform the work. Consultant personnel shall have appropriate vehicles (equipped with flashing amber beacon), cellular phones, computers, and miscellaneous equipment and supplies (inspecting and testing tools/equipment, printers, calculators, manuals, office supplies, safety equipment, etc.) required to perform the work. Personal protective equipment shall be in accordance with CDOT PD 80.1. The project Contractor will furnish office space and a field laboratory.

Personnel qualifications, staffing level, and number and types of vehicles shall be subject to the approval of the Project Manager. The Consultant shall assign personnel for the duration of the project unless otherwise approved by the Project Manager.

The Consultant Project Engineer, Project Inspectors, and Tester shall be thoroughly familiar with CDOT forms and documentation requirements.

**Diaries and Documentation**

Consultant personnel shall maintain a daily diary for each day work is performed on the project. They shall use CDOT Form 103 or automated 103a - Project Diary, or other form recommended by the Consultant Project Engineer.. The contents of the diary shall be brief and accurate statements of progress and conditions encountered during the prosecution of the work along with conversations concerning the work. Editorial comments shall not be incorporated in the diaries or on written correspondence applicable to the project. A copy of the daily diary shall become a part of the permanent project record and shall be given to the Project Engineer within one working day of its date.

**Computer Equipment & Software**

Consultant computers shall include necessary communications hardware and software to perform the work. The Consultant computers shall be capable of running current versions of the following software:

- B2GNow System
- LCP Tracker
- CDOT QA/QC software
- Microsoft Office (Word, Excel)
- Microsoft Project
- ProjectWise Explorer
- Software capable of creating, merging, and editing Adobe pdf documents.
- Adobe Sign

Work Description

**CONSTRUCTION ADMINISTRATION SERVICES**

**Task 1.0 Construction Management Support**

Provide Town Project Manager with the following construction management, inspection and testing support.

- 1.1 Construction Coordination: Regularly scheduled weekly and as-needed meetings will be conducted with the Contractor and other involved parties to review, update, and coordinate construction activities. Weekly meetings will include a review of issues that are impacting progress, the cost to complete the work, and significant situations encountered related to the construction of the project. Meeting minutes will be prepared to document items discussed, decisions reached, direction given, and actions to be taken.
- 1.2 Review of Contractor's Method of Handling Traffic: Review and provide comments on the Contractor's Method(s) of Handling Traffic (MHT) submittals. During construction, monitor the Contractor's MHT for implementation of traffic signing, barriers, and other traffic control measures in accordance with the approved plan.
- 1.3 Review of Construction for Conformance with Plans and Specifications: Monitor the Contractor's construction activities with respect to the contract documents and relevant schedule submittals governing the performance of the work. Resolve construction problems and/or recommend action for their resolution, as they relate to changed field conditions or conflicts in the contract documents. Coordinate with the designer during construction for implementation of revisions to the plans as may be required.
- 1.4 Review of Progress Schedules & Processing Shop/Working Drawings Submitted by the Contractor: Schedule submittals shall be thoroughly reviewed for completeness and accuracy. Appropriate action shall be taken when deficiencies are noted.

Submittals, design drawings, shop drawings, materials, and test procedures received from the Contractor will be forwarded to appropriate CDOT design personnel for review and approval. Approved drawings will be returned to the Contractor, as well as a copy retained for use during the remainder of the project.

- 1.5 Daily Quality Control Inspection & Quantity Control: Perform daily quality control inspections of construction activities to document activities performed and assessment of conformance with the contract documents in accordance with Section 2 of this Scope. Inspection items may include but are not limited to excavation, backfill, and compaction operations; concrete placement; paving; drainage; utilities; structures; signing and striping; landscaping; and traffic control installations.

Quantities of work elements constructed will be measured and recorded to support the preparation and processing of progress pay estimates to the Contractor. Quantities will be documented in an interim quantity book for tracking of quantities constructed as compared to the original design quantities on the project. Quantities of work will be agreed upon with the Contractor and then reflected in monthly progress pay estimates prepared by the Consultant's staff. Assist in resolving disputes in quantities with the Contractor prior to the preparation of the pay estimate.

- 1.6 Materials Testing: Direct, coordinate, supervise, monitor, manage and administer all materials sampling and testing to verify that the required sampling, materials testing and documentation is obtained in a timely manner and maintained in accordance with the Materials Manual and Contract requirements to verify the quality of the work performed by the construction contractor.

- 1.7 Project Documentation: Maintain project submittal register, track project correspondence, check daily diaries, prepare inspectors progress reports, and complete appropriate CDOT paperwork and forms.
- 1.8 Contaminated Material Notification: Monitor construction operations and notify The Town immediately if contaminated material is encountered or developed on the project. When such material is identified, procedures developed by the Contractor to mitigate the problem will be reviewed and a recommendation provided.
- 1.9 Check Surveying: Provide quality control surveying and quantity verification as needed. (If the Contract includes a Construction Surveying pay item, then the Contractor is responsible for performing all surveying required to properly layout and construct the work covered under the Contract.)

**Task 2.0 Post Construction Support**

- 2.1 Completion, Inspection and Punch List: Conduct a final inspection with the Contractor, Town Project Manager and CDOT Local Agency representative(s) upon substantial completion. The result of the inspection is the development of a punch list of remaining and/or outstanding work to be performed by the Contractor prior to final project acceptance.
- 2.2 As-Constructed Drawings: Complete as-constructed drawings of work completed by the Contractor including final pay quantities.
- 2.3 Completion Inspection and Close-Out: Following the completion of punch list items by the Contractor, conduct a final inspection with representatives from the Contractor the Town and CDOT to confirm the completion of the work. The result of this inspection will constitute final project acceptance.
- 2.4 Preparation of Final Pay Estimate: Determine final quantities with appropriate supporting documentation and checks and prepare final pay estimate. Prepare final project records to be submitted to the CDOT Finals Administrator.

**Task 3.0 Project Management**

- 3.1 Progress Reports: Prepare monthly progress reports for the Town Project Manager documenting project progress, conformance with Contractor's schedule, status of change orders, and potential or ongoing problems.
- 3.2 Change Orders: Prepare project change orders and minor contract revisions. Obtain Town's pre-approval for all changes.
- 3.3 Project Coordination: Track, update and monitor project costs versus budget and notify Town Project Manager of anticipated problems in a timely manner. Coordinate project personnel including inspectors and material testers.
- 3.4 Certified Payroll: Review certified payroll documentation provided by the Contractor and conduct random interviews of Contractor employees to determine if the Contractor is in conformance with CDOT EEO/Labor Compliance policies.
- 3.5 Documentation: File documentation as defined by the Town Project Manager.

Deliverables generated during the project will include the following and will be submitted throughout the duration of the project, or at specific dates commensurate with the deliverable’s intent:

- Monthly Progress Reports.
- Project correspondence generated and received during the project.
- Construction management records generated including minutes of meetings, project diary, inspection reports, quantity records, contract modification orders, schedules, and other documentation as prepared during the course of construction in accordance with CDOT requirements.
- Complete “as-constructed” plans.

**Requirements for Consultant Project Engineer**

Personnel will be required to work at the Project Engineer level. He or she shall be either a Colorado Registered Professional Engineer or a non-licensed individual with demonstrable construction administrative experience. The Project Engineer for this project can be a non-licensed individual as long as they are working under a Registered Professional Engineer, licensed in the State of Colorado.

The Project Engineer shall have CDOT construction experience with an emphasis on highway reconstruction work along with traffic control and erosion control management experience. The Project Engineer shall be available to review work, resolve problems, and help make decisions in a timely manner. He or she is in charge of the engineering details of the construction project and is responsible for the administration and satisfactory completion of the project.

Specific responsibilities include: construction of the project in accordance with the plans, enforcement of governing specifications and special provisions, control of inspection and testing, and proper documentation. The Project Engineer has frequent personal contacts with the Contractor, property owners, municipal officials, utilities, and the traveling public; thus, personal conduct should be a credit to both the individual and the Town.

The Project Engineer is the first level of authority concerned with unusual circumstances (e.g., non-specification work, work outside the scope of the Contract, disputes, change orders, etc.). As practical, problems concerning contract interpretation should be referred to higher levels of authority until the problem is acceptably resolved. Immediate decisions can be made and orders written, as necessary, to expedite construction.

The Assistant Project Engineer / Inspector responsibilities may include but are not limited to the following:

1. Review, provide comments, and acknowledge completeness of required submittal resulting from but not limited to:
  - CDOT 205 Permit to Sublet
  - Methods of Handling Traffic (MHTs)
  - Progress schedule
  - Methods Statements
  - EEO requirements
2. Provide the following documentation, reports and billings on a routine basis:
  - Periodic reports and billing required by CDOT Procedural Directive 400.2.
  - Preparation of monthly progress estimates for monthly and final billings for Consultant fees and construction contractor payments.
  - Maintaining project files, project diaries, and time counts.

- Monitoring contractor payroll compliance.
  - Conducting weekly progress meeting with contractor, subcontractors, utilities, and other interested parties.
  - Email weekly meeting minutes to the Resident Engineer and other interested parties following the weekly meeting.
  - Monitoring project contractor for fulfillment of project plans and specifications.
  - Securing project documentation from the Contractor.
3. Prepare Contract Modification Orders (CMO) and Minor Contract Revisions (MCR) for approval.
  4. Prepare and transmit updates of construction activities to the Town
  5. Review of drawings and data submitted by the construction Contractor and suppliers for general conformance with the intent of the specifications. Inform and obtain concurrence as needed and keep relative documentation for project records.
  6. Communicate with adjacent landowners, as required, to resolve issues that arise due to construction.
  7. Monitor traffic control and safety for compliance with the approved MHT.
  8. Verify project compliance with CDPHE and other environmental permits issued for the project.
  9. Prepare a punch list of uncompleted work, non-conformance reports, and deficiency notices.
  10. Prepare responses to Contractors' and suppliers' request for information, submittals, change notices, claims, and correspondence.
  11. Shall have successfully completed a TECS training program authorized by CDOT and be currently certified as a TECS for the duration of this Contract.

#### **Requirements for Project Inspectors and Project Tester**

Inspection, sampling, testing, and documentation shall be in accordance with the CDOT Field Materials and Construction Manuals. Sampling and testing will be done in accordance with CDOT's Minimum Sampling, Testing, and Inspection Schedule, the Special Notice to Contractors, and the Procedures, as contained in CDOT's Field Materials Manual. When the method is not cited, the order of precedence for sampling and testing is Colorado Procedures, AASHTO Procedures, and then ASTM Procedures. Unless otherwise designated, when CDOT's Construction Manual, Materials Manual, AASHTO, ASTM, or other specifications, standards, or policies are cited, the reference shall be to the latest edition as revised or updated by recommended supplements or interim editions published and issued prior to the date of advertising a specific construction project for bids.

The Consultant shall furnish personnel, materials, and equipment required to perform the work. The tester shall be certified to perform the project sampling and testing in accordance with CDOT requirements. These requirements typically include the following certifications: CAPA levels A&B, ACI, WAQTC, and nuclear gauge operation. The tester shall be certified as defined by the requirements set forth in the current Colorado Procedure CP-10. Minimum requirements for certification are dependent on the item to be sampled and tested. Each tester responsible for sampling and testing on this project shall have required certifications based on the project's specific materials testing schedule. The tester shall be thoroughly familiar with CDOT forms and documentation requirements.

The tester shall be experienced and competent in aspects of highway construction testing within the scope of this project. The tester shall sample, test, inspect, and document materials incorporated into the project. This includes: materials delivered to the project that are listed in the Summary of Approximate Quantities in accordance with the SCHEDULE in the CDOT Field Materials Manual, materials that may be added to the project through contract modification, and altered material quantities whether increased or decreased. The tester shall review project quantities on a regular basis to verify that sufficient tests have

been performed for the material placed to date. The tester shall also provide other services as requested by CDOT and/or the Consultant Project Engineer.

Testing of materials that are specifically designated to be pre-inspected or pre-tested by this or other Departments of Transportation shall remain the responsibility of CDOT. The tester shall document and ship samples of materials to the CDOT Central Laboratory that are required to be tested by CDOT regardless of pre-inspection or pre-testing responsibilities. The items and test frequencies of CDOT-tested materials shall be in accordance with the column titled “Central Laboratory” in the SCHEDULE. Test results, sample submittals, and inspection documentation transmitted to CDOT’s Region or Central Laboratory shall be recorded on appropriate CDOT Forms. The Consultant may use CDOT worksheets or worksheets recommended by the CDOT Resident Engineer. CDOT Forms and worksheets are available through the Region Materials Engineering/Physical Technician at no cost to the Consultant.

The tester shall furnish the Project Engineer with the original copies of worksheets on a daily basis. The tester shall also keep the CDOT Form 626 up to date and provide copies of this form to the Project Engineer by the end of the shift for material found to be non-specification. At the discretion of the Project Engineer, the tester may be required to provide the Form 626 to the Contractor prior to the end of the shift for material found to be non-compliant with the specification.

Proposed work procedures shall be coordinated with CDOT and/or the Consultant Project Engineer prior to the start of work. Other services may be requested in writing by the CDOT Resident Engineer. Test results shall be documented by the tester and reviewed by the Project Engineer. The tester shall be responsible for materials sampling, testing, and documentation.

The tester shall:

1. Have a minimum of one year experience in each specialty field (soils, aggregates, asphalt paving, concrete, etc.) that requires testing.
2. Be certified by the American Concrete Institute (ACI) if testing concrete.
3. Be certified Level A/B by the Colorado Asphalt Technician Certification Program (LabCAT) if testing HMA.
4. Be certified through the WAQTC Qualification Program if testing soils and aggregates.
5. Be certified through the CDOT Material Technician Certification

Copies of Certifications shall be provided to the Project Engineer prior to the start of work on the project. References of testing experience shall be available for testers, and may be requested during the contract.

#### **Personnel Qualifications**

1. Personnel qualifications and staffing levels for the project shall be subject to the approval of the Town Project Manager.
2. The materials tester consultant should have at least one-year of materials testing experience and have the appropriate certifications as described in the “Work Description” section above.
3. The Consultants shall be thoroughly familiar with CDOT forms and documentation requirements.



CONSTRUCTION MANAGEMENT REQUIREMENTS  
CHECKLIST

The following checklist shall be used to establish the Construction Management responsibilities of the individual parties for this project.

The checklist shall be prepared by placing an “✓” under the responsible party opposite each of the tasks listed below.

DESCRIPTION OF TASK	CONSULTANT	TOWN
1. Conduct the Pre-Bid conference, answer all questions, and maintain a log of all decisions given and/or made.	N/A	✓
2. Show project work site to prospective bidders, answer all questions regarding plans and specifications, and maintain a log of all decisions given and/or made.	N/A	✓
3. Coordinate all construction contract activities with appropriate stakeholders.	✓	
4. Distribute ten award sets of plans and specifications to the CDOT Resident Engineer.	N/A	✓
5. Issue Notice to Proceed to the Contractor.	N/A	✓
6. Schedule, conduct and prepare minutes of all project meetings as follows:		
a. Job Showing	N/A	✓
b. Pre-construction Conference	✓	✓
c. Partnering Workshop	N/A	N/A
d. Weekly Project Meetings	✓	✓
e. Pre-Survey Conference (if required):		
(1) Construction Staking	✓	
(2) Survey Documentation	✓	
f. Bridge Construction Communications	N/A	
g. Structural Concrete Pre-pour Conference	N/A	
h. Concrete Pavement Prepaving Conference	N/A	
i. HMA Prepaving Conference	N/A	
j. Contractor Weekly Safety “Tool Box” Meeting	✓	✓
DESCRIPTION OF TASK	CONSULTANT	TOWN
8. Public Relations:		
a. Prepare and coordinate to publish and distribute public notices of all planned construction activities and schedules to the media, property owners, local residents, tenants, and other appropriate stakeholders affected by the project.	✓	✓
b. Perform public relation tasks with appropriate individuals as requested by Town.	✓	✓
c. Explain construction and work with adjacent property owners to resolve issues that arise during construction.	✓	✓

a. CDOT Form # 205 - Sublet Permit Application after Form #713 has been checked by the Region EEO Administrative Program Specialist.	✓	
b. Method of Handling Traffic	✓	
c. Progress Schedules	✓	
d. Method Statements	✓	
e. Shop drawings per 105.02	✓	
f. Working drawings per 105.02	✓	
g. Other submittals per 105.02	✓	
h. All EEO, Labor compliance requirements	✓	
i. Other submittals as directed	✓	
10. Construction inspection including calculations, measurements, and documentation of interim and final pay quantities as directed by the Project Engineer.	✓	
11. Perform required EEO/AA/DBE/OJT or labor compliance tasks as requested as follows:		
a. Conduct Contractor/Subcontractor reviews to ensure conformance with the Equal Employment Opportunity (EEO)/Affirmative Action (AA)/DBE/OJT requirements contained in the contract. (Standard Special Provisions, Project Special Provisions and FHWA Form 1273.)	✓	

DESCRIPTION OF TASK	CONSULTANT	TOWN
b. Complete and submit to the Town Project Manager, the required number of CDOT Form 280 - Equal Employment Opportunity and Labor Compliance Verification.	✓	
c. Monitor DBE participation to ensure compliance with the “commercially useful function” requirements.	✓	
d. Complete and submit to the CDOT Region EEO Administrative Program Specialist, the applicable number CDOT Form #200 - OJT Training Questionnaire, when project utilizes OJT’s.	✓	
e. Check certified payrolls to verify contractor/subcontractor compliance with contract requirements. Project personnel trained in payroll checking shall complete the checking. (Contact the Region EEO Administrative Program Specialist for training requirements.)	✓	
f. Coordinate submittals by Contractor and all subcontractors of FHWA Form 1391 (Highway Construction Contractor’s Annual EEO Report) to the CDOT Region EEO Administrative Program Specialist.	✓	
12. Materials:		
a. CDOT Form # 250 - Materials Documentation Record:		
(1) Fill out and distribute CDOT Form # 250 before the Contractor commences work.	✓	

(2) Complete Form # 250 after work is completed; distribute per instructions in CDOT Materials Manual.	✓	
b. Approve changes to the Typical Section (requires a CMO).	✓	
c. Development, checking and design mix approvals:	✓	
(1) Concrete	✓	
(2) Hot Mix Asphalt	✓	
d. Acceptance of manufactured products	✓	
e. Inspecting fabrication of structural steel and pre-cast concrete structural components.	N/A	
f. Inspecting fabrication of bearing devices	N/A	
g. Laboratory check testing.	✓	
DESCRIPTION OF TASK	CONSULTANT	TOWN
h. Acceptance testing.	✓	
i. Independent assurance testing - develop, complete and distribute CDOT Form # 379 - Project Independent Assurance Sampling Schedule.	N/A	
j. Approve sources of materials.	✓	
13. Maintain time counts	✓	
14. Maintain project files for documentation	✓	
15. Obtain, accept, and approve all required material certifications.	✓	
16. Approve shop drawings	✓	
17. Perform Traffic Control Inspections	✓	
18. Approve traffic signal equipment		
19. Construction surveying - quality control checking and quantity verification as needed.	✓	
20. ROW Monumentation - quality control checking	N/A	
21. Prepare monthly estimates of the Contractor's work performed, materials placed or stockpiled materials on hand in accordance with the Contract.	✓	
22. Review interim and final billings for Utility relocation work.	N/A	
23. Prepare CDOT Form # 90 [Contract Modification Order (CMO)] and/or # 90 [Minor Contract Revision (MCR)] including letter of explanation for CMO/MCR	✓	
24. Monitor project financial status and submit monthly in a format acceptable to the Region, such as CDOT Form # 65a - Project Financial Status Report.	✓	

DESCRIPTION OF TASK	CONSULTANT	TOWN
25. Prepare and submit monthly progress reports: CDOT Form # 110a - Status of Active Construction Projects and CDOT Form # 517a - Status of Construction Project Finals	✓	
26. Prepare appropriate responses to Contractor, subcontractor or supplier requests for information, submittals, disputes, claims, change notices, or other correspondence.	✓	

27. Prepare response for Project Engineer status of claim & Claim Status Report Form	✓	
28. Prepare complete claim record	✓	
29. Give oral or written presentation for claims.	✓	
30. Give presentation for Claim Review Board or AAA Arbitration board.	✓	
31. Conduct routine, random, project reviews to ensure the project is being administered in accordance with the terms of the construction contract.	✓	
32. Conduct final project inspection of completed or unacceptable work and prepare punch list for final acceptance.	✓	
33. Prepare and submit CDOT Form # 1212a - Final Acceptance Report	✓	
34. Prepare final project acceptance letter and distribute per procedures in the CDOT Construction Manual.	✓	
35. Advertise for final settlement.		✓
36. Maintain accurate as constructed notes and prepare and distribute final as-constructed plans per procedures in the CDOT Construction Manual.	✓	
37. Check final quantities, final plans, and prepare the final pay estimate.	✓	
38. Check material records.	✓	
39. Submit final materials certifications	✓	

DESCRIPTION OF TASK	CONSULTANT	TOWN
40. Obtain and review CDOT Form # 17 - Contractor DBE Payment Certification from the Contractor and submit to the Region.	✓	
41. Obtain and review FHWA Form PR 47 (Statement of Materials and Labor Used) from the Contractor, check and submit	✓	
42. Complete and submit CDOT Form # 950 for project closure.	✓	
43. Submit original of all project records to the CDOT Resident Engineer. (CDOT will retain project records for six years from the date of project closure.)	✓	

## Project Cost Worksheet (Specific Rate of Pay)

Project Name	Shared Use Path Improvements Project		
Location	Town of Bayfield		
Firm Name	Bechtolt, Engineering, Inc.		
Name of Preparer	Richard D. Bechtolt, P.E.	Phone:	(970) 259-7534
Scope of Work Date	April 19, 2024	May 1, 2024 to	December
Type of Proposal	Specific Rate of Pay	Contract time:	31, 2024

**1A. SPECIFIC LABOR RATES**

Employee Name	Employee Classification	Billing Rate Cost/Hour ( a )	Indirect Cost (171.65%) ( b )	Fee (9.50%) ( c )	Multiplier ( d )	Specific Rate \$/Hour
Bechtolt, Richard	Principal Engineer	\$68.00	\$116.72	\$17.55	2.465	\$202.27
Curry, Victoria	Engineer Intern/EIT 3	\$38.00	\$65.23	\$9.81	2.465	\$113.04

**1B. LABOR COSTS**

Employee Name	Employee Classification	Specific Rate \$/Hour	Estimated Work Hours	Estimated Cost per Employee
Bechtolt, Richard	Principal Engineer	\$202.27	112	\$22,654.24
Curry, Victoria	Engineer Intern/EIT 3	\$113.04	328	\$37,077.12
		<b>Subtotal Labor:</b>	<b>440</b>	<b>\$59,731.36</b>

**1C. FCCM (0.704% of Direct Labor) Subtotal FCCM: \$ 141.36**

**2A. OTHER DIRECT COST RATES (IN-HOUSE) \***

Item	Estimated Units	Unit Rates	Estimated Cost
Other Direct Costs (In-House) are subject to prior approval by the CDOT Project Manager			
Milcage	0	\$ 0.59	\$ -
Subtotal Other Direct Cost Rates (In-House):			\$ -

**2B. OTHER DIRECT COSTS (OUTSIDE)\***

Item	Estimated Units	Unit Rates	Estimated Cost
Other Direct Costs (Outside) are subject to prior approval by the CDOT Project Manager			
Per Diem Meals		\$ 59.00	\$ -
Lodging		\$ 96.00	\$ -
Subtotal Other Direct Cost Rates (Outside):			\$ -

**Subtotal Other Direct Costs: \$ -**

Per diem (State Fiscal Rules)

\*Prior approval of CDOT Project Manager

Other (Prior approval of CDOT Project Manager)

Milcage (At Current State Rate)

**3A. OUTSIDE SERVICES RATES (SUBCONSULTANTS)**

Firm Name	Estimated Cost
Trautner Geotech, LLC	\$ 36,500.00
<b>Subtotal Outside Services Rates (Subconsultants): \$ 36,500.00</b>	

**3B. OUTSIDE SERVICES (VENDORS)**

Firm Name	Estimated Cost
<b>Subtotal Outside Services Rates (Vendors): \$ -</b>	

**Subtotal Outside Services: \$ 36,500.00**

**Total Estimated Cost: \$96,372.72**

I am a representative of Bechtolt Engineering, Inc., duly authorized to contractually bind the firm. My signature below constitutes a formal agreement (without further signature) to a Task Order, which is issued by the State pursuant to the terms of this Task Order Proposal, without substantive change. I also declare that to the best of my knowledge the wage rates and other factual unit rates supporting the compensation to be paid by the Department for the professional services on this document are accurate, complete, and current at the time of contracting, and include no unallowable or duplicate costs.

Richard D. Bechtolt, President  
Name



SIGNATURE

April 22, 2024  
DATE SIGNED

April 17, 2024

Mr. Rich Bechtolt, PE  
Bechtolt Engineering, Inc.  
Durango, CO 81301  
Via email: richbechtolt@bechtolt.com

PN: 24133P

Subject: Proposal for materials testing services for the  
Bayfield Shared Use Path Improvement  
TAP M300-001 / SA 23709  
MTF M065-008 / SA 24004  
La Plata County, Colorado

Mr. Bechtolt,

This proposal presents our budget estimates for materials testing services per CDOT Field Materials Manual 2024 based on our review of the plans provided by your office on April 12, 2024. We understand that the form 250 is not currently available, therefore the Owners Acceptance Testing (OA testing) has been based on review of the bid items on the plan set.

Our team has provided materials testing services and Form 250 documentation for numerous CDOT projects and LA projects funded by CDOT in Region 5. Therefore, we are familiar with CDOT specifications, testing frequencies, specific forms, and formats for materials items. We understand that Bechtolt Engineering, Inc. will be providing Construction Management and Inspection Services. Trautner Geotech will provide OA (Owner's Acceptance) testing services and will compile the documentation for the form 250 materials documentation submittal.

The scope of services outlined below is for materials testing services during construction which is based on our understanding of the proposed project to replace the existing pathways along Bayfield Center Drive, Sower Drive, and Wolverine Drive.

Our scope of service to be provided is outlined below.

- We will provide an engineering technician and equipment to perform materials testing of soils, aggregate, and concrete.
- We will use a nuclear field density gauge to determine the relative compaction of the fill materials, and soils tested on the project site.
- We will perform most/all laboratory testing in our Cortez and/or Durango, Colorado office.
- The engineering technician will provide verbal and preliminary written test results and comments to the appropriate field personnel on a daily basis.
- Our geotechnical engineer and/or senior engineering technician will review the test results and data collected.
- Our engineering technicians are certified by the American Concrete Institute (ACI) and by the Western Association of Quality Transportation Construction (WAQTC), and Rocky Mountain Asphalt Education Center (RMAEC) as required by CDOT.

649 Tech Center Dr Durango, CO  
970-259-5095

95 N Henry St, Cortez, CO  
970-529-2020

- Our engineering technician services are intended to aid the contractor and/or field engineers to determine the quality and character of the materials tested. These engineering technician and materials testing services should not be misconceived as inspection services. The contractor or field engineer may use the appropriate test results to determine if their work is in compliance with the project specifications.

We understand that a construction schedule is not available at this time. Based on our experience with similar projects, we anticipate the following breakdown for materials testing services per item as required by CDOT 2024 Field Materials Manual QA Frequency Guide Schedule:

Item 203 Unclassified Excavation

- Preliminary sampling for classification and modified proctor value – 2 samples from on-site
- Density testing and sampling – 4 visits at 2 hours each (1/1000 tons testing frequency)

Item 304 Class 6 ABC and Class 6 Special

- Preliminary sampling at gravel pit for classification and modified proctor value – one sample of each
- density testing and sampling – 4 site visits at 2 hours each (1/2000 tons testing frequency)
- 2 laboratory samples for classification – 2 sample per each material

*Note: an R-value test result may be required per the Project Special Provision. It is assumed that the contractor will provide this information as part of the submittal.*

Item 403 Hot Mix Asphalt Patching

- No OA testing is required for HMA Patching

608 Class D Concrete for sidewalks and ramps

- Estimating 80 to 85 concrete placements (assuming 10 cy loads per placement/per day)
- Testing slump, air content, temperature, and unit weight for the first load each placement/day
- 10 sets of concrete compressive strength cylinders for acceptance

All Items – CDOT pre-pour meetings and weekly meetings – 10 hours

All Items – CDOT form 250 materials documentation binder for submittal – 35 hours

*Total budget estimate for items as listed above \$34,500 to \$36,500*

It should be noted that this is only an estimate and that the actual cost may be higher or lower. The actual cost will be a function of numerous variables, most of which are beyond our control, such as construction schedule and contractor efficiency when scheduling, retests, change in materials, delays due to weather, late concrete deliveries, and limited construction areas. Manhours associated to assembling the Form 250 materials documentation binder will be influenced by the contractor's compliance with CDOT specifications for COCs and CTRs. Invoices will reflect actual manhours, laboratory charges, and expenses incurred. Our estimates above are based on our understanding of the project based on the plans and typical CDOT specifications. It has been our experience that the actual amount of testing is typically greater than the minimum amount delineated in the project specifications due to reasons listed above. Fees for our engineering technicians reflect charges for time spent on the project site and associated daily mobilization.



Our budget estimates were based on field work being performed during normal week day working hours. If this is not convenient for you please contact us.

This proposal will remain valid until June 1, 2024 at which time if it has not been executed, we reserve the right to withdraw the offer and/or modify the scope of service and fees.

Payment for our work is due upon presentation of our invoice. Accounts not paid within thirty (30) days will be charged an additional 2.0 percent per month. The client agrees to pay any collection fees and/or attorney fees incurred during collection of past due accounts.

## LIMITATIONS

We represent that our services will be performed within the local limits and standards of care within the geotechnical engineering discipline of the area. Our report does not represent expressed or implied warranty.

The client must understand that unexpected subsurface soil and water conditions may be encountered during the progression of the project that may influence the chosen design and the performance of the site.

The information and recommendations presented in this study are valid ONLY for the proposed construction discussed above and specifically for the project site evaluated in this study. The recommendations presented in this study must not be used for any other structures or project sites.

The recommendations presented in this study should be considered as valid for up to one (1) year after the submittal date. Use of the information presented in our study beyond one (1) year after the submittal date is not recommended unless we are contacted to verify the information presented in our report.

## Insurance

During the term of this agreement Trautner Geotech (Consultant) will maintain the following insurance:

- ✓ General commercial liability,
- ✓ Automobile liability,
- ✓ Professional Liability, and,
- ✓ Workman's Compensation Liability

The client does not maintain insurance for the consultant for this project.

## Indemnification

The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Consultant, its' Officers, Directors, Employees (collectively, Consultant) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs to the extent caused by the Client's negligent acts in connections with the project or anyone for whom the Client is legally liable.

The Consultant agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its' Officers, Directors, Employees (collectively, Client) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs to the extent caused by the Consultant's negligent acts in connections with the project or anyone for whom the Consultant is legally liable.

Neither the Client nor the Consultant shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence or for the negligence of others.

**Dispute Resolution**

In the event of a dispute arising out of or relating to this agreement or other services to be rendered as discussed in this document, the Client and the Consultant agree to attempt to resolve such disputed in the following manner:

- 1.) The parties agree to attempt to resolve such disputed through direct negotiations between appropriate representatives of each party.
- 2.) If such negotiations are not fully successful, the parties agree to attempt to resolve any remaining disputes by formal non-binding mediation conducted in accordance with rules and procedures to be agreed upon by the parties.
- 3.) If the disputed or any issues remain unresolved after the above actions the parties agree to binding arbitration per the Colorado Uniform Arbitration Act with the venue being a mutually convenient location.

We will initiate our work on your project upon your verbal authorization by scheduling our engineering technician. A signed copy of our proposal will be needed prior to our completing our study.

If you have any questions, or if you wish to schedule an engineering technician, please contact us.

Respectfully Submitted,  
TRAUTNER GEOTECH



Gina Denten

ACCEPTED BY: \_\_\_\_\_

FIRM: \_\_\_\_\_

DATE: \_\_\_\_\_

**TRAUTNER GEOTECH LLC**  
 GEOTECHNICAL ENGINEERING, MATERIAL TESTING  
 AND ENGINEERING GEOLOGY

**2024 FEE SCHEDULE**

Personnel		Concrete, Grout, Masonry Testing	
Principal Engineer/Geologist	\$ 200.00 per hr.	Concrete Compressive Strength (C30)	\$ 90.00 per test
Senior Engineer/Geologist	\$ 165.00 per hr.	Concrete Compressive Strength (set of 5) (if cylinder is molded by others)	\$ 150.00 per test
Project Engineer/Geologist	\$ 125.00 per hr.	Guniting/Shotcrete Panel Core Drilling	\$ 44.00 per test
Senior Project Technician	\$ 110.00 per hr.	Standard Concrete Core Drilling (1 technician)	\$ 132.00 per hour
Staff Engineer/Geologist	\$ 110.00 per hr.	Advanced Concrete Core Drilling (2 technicians)	\$ 198.00 per hour
Project Technician (1 hr. min.)	\$ 88.00 per hr.	Core Compressive Strength (C30)	\$ 82.00 per test
Clerical/Drafting	\$ 88.00 per hr.	Concrete Masonry Unit Specific Gravity	\$ 82.00 per test
Overtime (See Note 1 Below)	1.5x hourly rate	Concrete Masonry Unit Strength (C140)	\$ 82.00 per test
Expert Testimony (See Note 2 Below)	Price on request	Masonry Unit Prism Strength/Set of 3 (C1314)	\$ 528.00 per test
Special Inspector (See Note 3 Below)	Price on request	Mortar Cubes Strength (per set of 3) (C1000)	\$ 135.00 per test
		Grout Prism Strength (per set of 4) (C1010)	\$ 180.00 per test
		Earth/Adobe Block Compressive Strength	\$ 85.00 per test
		Masonry Metal Scales	\$ 80.00 per set of
		Concrete Beam Strength (C78)	\$ 85.00 per test
Miscellaneous Fees		Laboratory Aggregate Testing	
Per Diem	\$ 80.00 per day	Mixture Content (C980)	\$ 22.00 per test
Lodging	Cost + 15%	Sieve Analysis (C130) 1 inch minus	\$ 141.00 per test
Nuclear Gauge Use Fee (T310)	\$ 4.25 per test	Sieve Analysis (C130) 3 to 1 inch minus	\$ 178.00 per test
Mileage	\$ 1.15 per mile	Sieve Analysis (C130) larger than 3 inch minus	\$ 212.00 per test
		Rodded Unit Weight (C28)	\$ 87.00 per test
		Soilium Soundness (C60)	\$ 370.00 per test
		Fractured Face Count (D5821)	\$ 108.00 per test
		Flat and Elongated Particles of Agg. (D4701)	\$ 108.00 per test
		Sp. Gravity and Absorption Coarse Agg. (C127)	\$ 132.00 per test
		Sp. Gravity and Absorption Fine Agg. (C128)	\$ 178.00 per test
		Los Angeles Abrasion Small size (C131)	\$ 284.00 per test
		Los Angeles Abrasion Large size (C535)	\$ 317.00 per test
		Sand Equivalent (D2419)	\$ 141.00 per test
		Salt Content of Sanding Materials (CP4218)	\$ 150.00 per test
		Laboratory Crushing (per hour)	\$ 88.00 per test
		Exploration Drilling	
		CME-35 Truck Rig (2nd)	\$ 200.00 per hour
		CME-35 Mobilization	\$ 4.00 per mile
		CME-45 Truck Rig	\$ 250.00 per hour
		CME-45 Truck Rig Mobilization (+\$300 flat fee)	\$ 4.00 per mile
		Truck Rig Mobilization Flat Fee	\$ 300.00 per project
		Crew Travel	\$ 175.00 per hour
		Subcontracted Drilling Services	Price on request
Asphalt Testing			
Asphalt Content (CPL130/130) incl. H2O	\$ 194.00 per test		
Maximum Theoretical Sp. Gravity (CP51/200)	\$ 178.00 per test		
Sieve Analysis of Ex. Aggregate (T30/D5444)	\$ 141.00 per test		
Asphalt Core Drilling (1 technician)	\$ 132.00 per hour		
Core Sp. Gravity (T160)	\$ 44.00 per core		
Binder Ignition Oven Correction Use Fee	\$ 400.00 per project		
Marshal Series	Price on request		

**Notes:**

- Overtime charge increase for work done on Saturday, Sunday, Holidays, night work and other off normal 40hr. week = 1.5x normal hourly rate. Off normal 40hr. week include any time before 7am and after 6 pm.
- Services associated with expert testimony will be invoiced at 2x for testing and 2.5x for personnel.
- Special inspection hourly rates vary based on the services provided and typically range from \$100-150/hr. We can provide a cost estimate upon request. Subcontracted Special Inspections will be billed on a cost + 15%.
- Compressive strength fees include density, trimming and capping, as necessary.
- Truck rig mobilization will be invoiced on a per mile basis + a \$300 flat fee.
- Subcontracted fees (i.e., backhoes, rental equipment, etc.) will be invoiced at cost + 15%.
- Reliance of reports or sending reports to clients or others after original report submitted will result in Administrative Fees.

Effective December 15, 2023

# Recent Projects by Project Personnel

## Alkali Creek Bridge Replacement

Federal Aid Project No. BRO C320-004

Project Code No. 22521

As a CDOT Local Agency Project, this project included the construction of a single span structure constructed using concrete “Bulb-T” girders and driven H-Pile foundations. The designed single span is approximately seventy-six (76) feet in length and an overall bridge width of thirty-seven (37) feet. Wing-walls with riprap are utilized to provide 500-year scour protection. To meet current roadway standards, the project required a minor realignment of County Road N of approximately 657’ to accommodate the new bridge and its approaches. This necessitated minor earthwork, aggregate base course, asphalt paving and minor drainage modifications. The project was advertised and awarded with a cost of \$2,682,491. Construction was completed in November, 2023. The project was completed on-time and under budget.

The project was funded through the CDOT Local Agency Program. Bechtolt provided the following services to Montezuma County:

- Provided assistance with the grant application process, including preparing initial cost estimates and definition of necessary improvements.
- Overall Project Management throughout both the Preconstruction and Construction phases including obtaining CDOT approval for all submittals and activities. This activity included obtaining concurrence/permits from required agencies such as the FHWA, EPA, CDPHE, etc.
- In responsible charge of the Roadway Design and Engineering
- Assisted with bid process including advertisement and recommendation for award
- In responsible charge of all Construction Engineering and Inspection, and preparation of Contractor pay estimates
- Responsible for the submittal and approval by CDOT of all construction documentation required for County reimbursement requests.

SME completed environmental resource inventories and compliance documentation for the project, including: hazardous materials, aquatic resources, special status species, cultural resources and paleontological resources. All resource reports and compliance documentation were transmitted to CDOT Region 5 for completion of the CDOT 128 Form.

Trautner Geotech was responsible for the Geotechnical Engineering. They also provided all materials testing and applicable documentation throughout construction.



## Recent Projects by Project Personnel



Montezuma County Road Department  
1680 North Dolores Road  
Cortez, CO 81321  
970-565-8666

March 12, 2024

To Whom it May Concern:

Re: Bechtolt Engineering  
3059 Main Avenue, Suite A  
Durango, CO 81301

Montezuma County partnered with Bechtolt Engineering for their technical engineering and management expertise to build a substantial bridge on Road N, over Alkali Creek.

This project was to be designed and constructed to meet ADA requirements, utilize Colorado Department of Transportation (CDOT) current Design and Construction Standards, and comply with oversight by the Federal Highway Administration (FHWA.)

Bechtolt Engineering's oversight guided us through every phase, every process and every State and Federal requirement that applied to our project.

Bechtolt Engineering insured that our project exceeded all safety standards to protect all of our workers.

Bechtolt's Engineers and employees were all a pleasure to work with and did an excellent job. We now have a beautiful new bridge, built on time and under budget to exact standards and specifications, with very minimal stress to us!

We very strongly recommend Bechtolt Engineering to anyone with a project that requires professionalism and expertise.

Thank You,

Rob Englehart  
Road Department Superintendent

# Recent Projects by Project Personnel

## Town of Bayfield Twin Bridges Replacement

Federal Aid Project NO. BRO M065-006

Project Code No. 18888



As a CDOT Local Agency Project, this project included the replacement of two (2) truss bridge structures on the Bayfield Parkway that were originally constructed in 1932. In addition to the precast concrete girder bridges, the project included the reconstruction and realignment of 1412' feet of roadway, construction of 1460' of shared use path serving the Town park system, ADA compliance features, utility and drainage enhancements. Because of the location of the project in an environmentally sensitive riparian corridor, the project necessitated numerous environmental mitigation measures including the construction of 0.23 acres of wetlands establishment area, 0.09 acres of wetlands enhancement area, the planting of 2,664 each brush layer cuttings and planting of 76 each cottonwood log cuttings. The funding source of the project required review and approval and/or issuance of permits from the following agencies:

- US Army Corps of Engineers
- Colorado Parks and Wildlife
- CDOT
- FEMA
- CO Department of Public Health and Environment
- FHWA

The work of Bechtolt team included all preconstruction activities including roadway design, bridge design, environmental clearances and mitigation, utility coordination and relocations, and geotechnical engineering. The project also included all Construction Management, Inspection and Testing. The project was partially funded through the FHWA/CDOT off-systems bridge program, consequently all activities must conform to the requirements of the CDOT Local Agency Program. The project was awarded to SEMA Construction. Construction activities were substantially completed in November, 2017. The initial project construction budget was \$4.8 million. The original construction price was approximately \$4.2 million. The project was completed under budget and ahead of schedule.



# Recent Projects by Project Personnel

## US 160 Wildlife Crossings

Federal Aid Project No. NHPP 1602-167

Project Code NO. 22024R

Under contract to the Colorado Department of Transportation (CDOT), Bechtolt Engineering provided Project Management, Roadway Engineering and Design, Traffic Engineering, Land Surveying, Topographical Surveying, and Construction Engineering and Inspection services. The project included numerous safety improvements for the 1.75-mile length of US 160 wholly contained in Southern Ute tribal lands and adjacent to the San Juan National Forest. Both the animal overpass and underpass were located strategically along migratory routes and includes wildlife exclusion fencing and animal escape ramps. The project was jointly funded by the Federal Highway Administration (FHWA), Southern Ute Indian Tribe (SUIT), CDOT, Colorado Parks and Wildlife (CPW), and the Rocky Mountain Elk Foundation (RMEF).

The project was advertised and awarded for \$7,975,169.43. Construction of the project commenced May, 2021 and was completed in September, 2022. Immediately upon its opening, both wildlife crossings have proven to be a success. There is documented usage by a variety of species, including deer, elk, and mountain lion.



## 2024 Capital Improvements

Department	Specific	Estimate	Description	Potential Grant	Fund Total
10-General	Admin	\$ 12,000	Technology Upgrades		
10-General	Admin	\$ 15,000	Harmann, Morlan and Stephenson Street Art	\$10,000	\$27,000
10-General	Fac and Ground	\$ 5,000	Parking Lot Curb Stops		
10-General	Fac and Ground	\$ 7,500	Way Finding Town Hall, PW and Senior Center		
10-General	Fac and Ground	\$ 1,000	Finish LED conversion		
10-General	Fac and Ground	\$ 10,000	ADA Ramp Replacement at Senior Center		
10-General	Fac and Ground	\$ 1,300	Park Shop Warehouse Storage (Ladder)		\$ 24,800
10-General	Police Dept	\$ 70,000	One (1) Patrol Marked Vehicle + Equipment		
10-General	Police Dept	\$ 8,000	Shipping Container One (1) newer container 40'		
10-General	Police Dept	\$ 5,000	Office Equipment		
10-General	Police Dept	\$ 6,000	Pistol Program		
10-General	Police Dept	\$ 10,200	3-Stalker RADAR Units		
10-General	Police Dept	\$ 129,000	Body Cameras SB23-217	\$25,000	\$228,200
10-General	Parks & Trails	\$ 50,000	Mesa Park 50'X50' Playground Shade Structure		
10-General	Parks & Trails	\$ 5,000	Gosney Park Update Irrigation System		
10-General	Parks & Trails	\$ 6,000	Bear Proof Trash Cans		
10-General	Parks & Trails	\$ 6,000	Park Benches & Tables		
10-General	Parks & Trails	\$ 5,000	Shade Trees		
10-General	Parks & Trails	\$ 1,505,000	Master Park Plan Development	GOCO-\$1,025,000	\$ 1,577,000
10-General	Culture R & R	\$ 4,400	Gym Floor Tarps		
10-General	Culture R & R	\$ 14,000	Portable basketball hoops		
10-General	Culture R & R	\$ 7,500	Movie Screen		\$ 25,900
<b>Total General Fund</b>					<b>\$ 1,882,900</b>
30-Sewer	Treatment	\$ 342,375	Engineering and Contractor Nutrient Removal Final	ARPA	
30-Sewer	I&I	\$ 10,000	Sewer tap camera inspections		
30-Sewer	Treatment	\$ 35,000	Red Lion Master for Backup all HMI/Step Screen PLC replacement		
30-Sewer	Building/Grou	\$ 12,000	Side Walks/ rocks	\$200,000	
30-Sewer	Treatment	\$ 30,000	BDP Belt Press Rehabilitation		
30-Sewer	Vehicles	\$ 10,000	Back Hoe		
30-Sewer	Building/Grou	\$ 25,000	Road		
30-Sewer	Infrastructure	\$ 50,000	Dump station		
30-Sewer	Infrastructure	\$ 250,000	Sewer Tap/main replacement/rehabilitation		\$ 764,375
37-Stormwater/	Infrastructure	\$ 1,143,000	2024 Projects	USDA, EIAF, CWRPDA	\$ 1,143,000
50-Water	Building/Grou	\$ 15,000	Office Space		
50-Water	Infrastructure	\$ 120,000	Meter Replacement & Relocation		
50-Water	Treatment	\$ 100,000	Water Treatment Plant Standby Generator		
50-Water	Treatment	\$ 60,000	Filters 1, 2 & 3, Raw Water Strainer		
50-Water	Treatment	\$ 5,000	Replace solar b Batteries @ 900k Tank & Res		
50-Water	Vehicles	\$ 10,000	1/2 Truck bed		
50-Water	Building/Grou	\$ 5,000	Landscaping around plant		\$ 315,000
71-Streets	Street	\$ 40,000	Crack Seal		
71-Streets	Street	\$ 200,000	Surface Treatment		
71-Streets	Street	\$ 55,000	Line Striping		
71-Streets	Street	\$ 500,000	Street Reconstruction		
71-Streets	Vehicles	\$ 8,000	New Snow Plow		
71-Streets	Stormwater	\$ 25,000	Drainpan Day Lily and Sunflower		
71-Streets	Vehicles	\$ 8,000	Utility bed		
71-Streets	Building/Grou	\$ 6,000	Air compressor		
71-Streets	Building/Grou	\$ 8,000	Jumping jack and vibro plate		
71-Streets	Street	\$ 78,000	Wayfinding		
71-Streets	Street	\$ 2,000,000	East Intersection Signal	\$1,500,000	
71-Streets	Street	\$ 500,000	Pedestrian Crossing		
71-Streets	Sidewalks/Trai	\$ 525,000	Center Sidewalk Section Mill Street & \$25k Revitali	\$300,000	
71-Streets	Sidewalks/Trai	\$ 6,000	Historic Walking Tour	\$3,000	
71-Streets	Sidewalks/Trai	\$ 900,000	Bayfield Center SUP	\$900,000	\$ 4,859,000
Housing	Infrastructure	\$ 2,872,701	Cinnamon Heights Lots 12-41 Infrastructure		\$ 2,872,701
		\$11,836,976		\$2,938,000	\$11,836,976