Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
September 18-19, 2019
Agenda Item 9(c)

Applicant & Grantee:	City of Montrose
Water Activity Name:	Uncompahgre River Improvement Project
Water Activity Purpose:	Non-consumptive/Implementation
County:	Montrose
Drainage Basin:	Gunnison
Water Source:	Uncompahgre River
Amount Requested:	$40,000 Gunnison Basin Account $60,000 Statewide Account $100,000 Total Request
Matching Funds:	Applicant & 3rd Party Match (cash & in-kind) = $1,540,000 • Exceeds 10% match requirement for the Basin Account request • Exceeds 50% match requirement for Statewide Account request

Staff Recommendation:
Staff recommends approval of up to $40,000 from the Gunnison Basin Account; and $60,000 from the Statewide Account to help fund the project titled: Uncompahgre River Improvement Project.

Water Activity Summary: WSRF grant funds, if approved, will assist the City of Montrose restore 0.65 miles (3,400 LF) of the Uncompahgre River adjacent to Montrose, Colorado: The Uncompahgre provides field irrigation and supports a robust agriculture economy in the region. The intent of the project is to mitigate the following observed issues in the project reach: unstable active channel, active bank erosion and lateral migration, limited number of riffle/pool sequences, suboptimal overall aquatic habitat, limited off-channel backwater habitat, overly wide active channel area, sediment imbalance, high shear stresses against banks, and minimal riparian habitat through significant stretches. This project involves re-establishing resilient channel alignment, creating an active channel width balanced with flow and sediment load, connecting the river to its floodplain, creating a stable riparian zone adjacent to the channel, improving fish and other aquatic habitat, stabilizing the river banks, and providing river access to the public. The project is 70% designed. Remaining design will be completed prior to construction in Fall 2019. A Nationwide 27 permit will be filed shortly with the Army Corps. Funds from the WSRF will be used for construction (excavation, channelization, bank stabilization, riffle/pool features, habitat improvements, and re-vegetation).

Discussion: This effort will assist the Gunnison Basin Roundtable achieve goals 1, 3, 5, and 6 as called for in the Gunnison Basin Implementation Plan, as well as assisting the state achieve the goals of: Maintaining agricultural viability; Enhance environmental and recreational economic value; protect healthy environments; promote protection and restoration of water quality; protect and restore critical watersheds as called for in Chapter 10 of Colorado's Water Plan.

Issues/Additional Needs: No issues or additional needs have been identified.

Eligibility Requirements: The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

Evaluation Criteria: This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to Basin Roundtable Chair's Recommendation Letter and the WSRF Grant Application for applicant's detailed response.

Funding Summary/Matching Funds:

Funding Source	Cash	In-kind	Total	Status
City of Montrose	$1,100,000	$0	$1,100,000	Secured
CWCB Watershed Restoration Grant	$400,000	$0	$400,000	Secured
Sub-total	$1,500,000	$0	$1,500,000	
WSRF Gunnison Basin Account	$40,000	$0	$40,000	Secured
Sub-total	$1,540,000	$0	$1,540,000	
WSRF Statewide Account	$60,000	$0	$60,000	
Total Project Costs	**$1,600,000**	**$0**	**$1,600,000**	

CWCB Project Manager: Chris Sturm

July 17, 2019

Colorado Water Conservation Board
Atten. Craig Godbout
1313 Sherman St., Room 718
Denver, CO 80203

RE: Water Supply Reserve Fund Grant Application for the City of Montrose's Uncompahgre River Improvements Project

Dear Mr. Godbout and Members of the Colorado Water Conservation Board,

The Gunnison Basin Roundtable (GBRT) has voted to support the City of Montrose's Uncompahgre River Improvements Project Water Supply Reserve Fund Grant application to the Colorado Water Conservation Board. This project, completed over three phases, will restore approximately 1.5 miles of the Uncompahgre River through Montrose starting at West Main Street (Highway 90). Project improvements include realignment of the channel to mimic a more natural state, bank stabilization, riparian restoration, and constructed habitat improvements. The GBRT supports Basin funding in the amount of $40,000 and Statewide funding of $60,000.

The Uncompahgre River has been impacted by development and past land uses both within and adjacent to the river. The Uncompahgre is unique in that it is fed by contributions from the Gunnison Tunnel, releases from Ridgway Reservoir, and tributary stormwater flows. As a result of this unique flow regime, multiple land use practices, and encroachment, the river has suffered from an overly wide channel, unstable banks, and less than ideal fish and riparian habitat.

The City will focus restoration efforts on the stretch of the Uncompahgre River running north from the West Main Street Bridge to the northern end of the Montrose Urban Renewal Authority Development, a mixed-use development which also includes a private donation of approximately 40 acres of the river corridor to the City for preservation.

This project aligns with the following goals of the Gunnison Basin Roundtable as identified in the Gunnison Basin Implementation Plan:

1. Protect existing water uses in the Gunnison Basin
2. Protect environmental and recreational water uses
3. Maintain or, where necessary, improve water quality throughout the Gunnison Basin
4. Describe and encourage the beneficial relationship between agricultural and environmental recreational water uses.

Please feel free to contact us with any questions. Thank you.
Sincerely,

Kathleen Curry

Kathleen Curry, Chair

Gunnison Basin Roundtable
54542 US Highway 50
Gunnison, CO 81230

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Last Update: July 31, 2018

Colorado Water Conservation Board

Water Supply Reserve Fund Grant Application

Instructions

All WSRF grant applications shall conform to the current 2016 WSRF Criteria and Guidelines.

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

Arkansas
Ben Wade
ben.wade@state.co.us
303-866-3441 x3238

Gunnison | North Platte | South Platte | Yampa/White
Craig Godbout
craig.godbout@state.co.us
303-866-3441 x3210

Colorado | Metro | Rio Grande | Southwest
Megan Holcomb
megan.holcomb@state.co.us
303-866-3441 x3222

WSRF Submittal Checklist (Required)

x	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
x	I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines.
x	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract.(1)
Application Documents	
x	Exhibit A: Statement of Work(2) *(Word – see Template)*
x	Exhibit B: Budget & Schedule(2) *(Excel Spreadsheet – see Template)*
x	Letters of Matching and/or Pending 3rd Party Commitments(2)
x	Map(2)
x	Photos/Drawings/Reports
x	Letters of Support
Contracting Documents(3)	
x	Detailed/Itemized Budget(3) *(Excel Spreadsheet – see Template)*
Requested	Certificate of Insurance(4) *(General, Auto, & Workers' Comp.)*
NA	Certificate of Good Standing(4)
x	W-9 Form(4)
NA	Independent Contractor Form(4) *(If applicant is individual, not company/organization)*
x	Electronic Funds Transfer (ETF) Form(4)

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting
(2) Required with application if applicable.
(3) Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

Last Update: July 31, 2018

(4) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.

Schedule		
CWCB Meeting	**Application Submittal Dates**	**Type of Request**
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	September 2019
Desired Notice to Proceed Date:	October 2019

Water Activity Summary	
Name of Applicant	City of Montrose
Name of Water Activity	Uncompahgre River Improvements Project

Approving Roundtable(s)	Basin Account Request(s)(1)
Gunnison Basin Roundtable	$40,000
Basin Account Request Subtotal	$40,000
Statewide Account Request(1)	$60,000
Total WSRF Funds Requested (Basin & Statewide)	$100,000
Total Project Costs	$1,600,000

(1) Please indicate the amount recommended for approval by the Roundtable(s)

Last Update: July 31, 2018

Grantee and Applicant Information	
Name of Grantee(s)	City of Montrose
Mailing Address	P.O. Box 790, Montrose, CO 81402
FEIN	846000611
Grantee's Organization Contact(1)	William E. Bell
Position/Title	City Manager
Email	wbell@ci.montrose.co.us
Phone	(970) 240-1432
Grant Management Contact(2)	Kendall Cramer
Position/Title	Grant Coordinator
Email	kcramer@ci.montrose.co.us
Phone	(970) 497-8531
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

(1) Person with signatory authority
(2) Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
The City of Montrose is located on the Western Slope in Montrose County and has a population of 19,132 (2010 U.S. Census). The city is a home-rule municipal corporation in Colorado. Per city charter, the city operates under a council-manager form of government. The city manager is hired by the City Council and oversees the daily operations of the organization. The City of Montrose total operating budget for 2019 is $58,315,643. The City of Montrose mission is "Promoting the Montrose Lifestyle by providing innovative and service-oriented leadership for a vibrant community."

Last Update: July 31, 2018

Type of Eligible Entity (check one)	
x	**Public (Government):** municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
	Study
x	Implementation

Category of Water Activity (check all that apply)		
x	Nonconsumptive (Environmental)	
x	Nonconsumptive (Recreational)	
	Agricultural	
	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
	Other	Explain:

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in **decimal degrees**. The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Montrose County
Latitude	38.482499
Longitude	-107.890059

Last Update: July 31, 2018

Water Activity Overview
Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, area of habitat improvements. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.
Phase 1 of River Restoration Improvements on .65 miles (3,400 LF) of the Uncompahgre River (Montrose, CO): The Uncompahgre provides field irrigation and supports a robust agriculture economy in the region. The intent of the project is to mitigate the following observed issues in the project reach: unstable active channel, active bank erosion and lateral migration, limited number of riffle/pool sequences, suboptimal overall aquatic habitat, limited off-channel backwater habitat, overly wide active channel area, sediment imbalance, high shear stresses against banks, and minimal riparian habitat through significant stretches. This project involves re-establishing resilient channel alignment, creating an active channel width balanced with flow and sediment load, connecting the river to its floodplain, creating a stable riparian zone adjacent to the channel, improving fish and other aquatic habitat, stabilizing the river banks, and providing river access to the public. The project is 70% designed. Remaining design will be completed prior to construction in Fall 2019. A Nationwide 27 permit will be filed shortly with the Army Corps. Funds from the WSRF will be used for construction (excavation, channelization, bank stabilization, riffle/pool features, habitat improvements, and re-vegetation). Matching funds for the WSRF grant have been secured.

Measurable Results		
To catalog measurable results achieved with WSRF funds please provide any of the following values.		
	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
3,400 L.F.	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
5.5 Acres	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
	Other	Explain:

Last Update: July 31, 2018

Water Activity Justification
Provide a description of how this water activity supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the respective Roundtable Basin Implementation Plan and Education Action Plan [(1)]. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers). For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in 2016 WSRF Criteria and Guidelines).
The proposed Uncompahgre River Improvements project aligns with the goals and components of Colorado's Water Plan (CWP) pertaining to watershed health, the environment, and recreation. The project will improve riparian and aquatic habitat, strengthen ecosystems, and provide anglers, water users, and others with a multitude of recreational opportunities. Upon completion, it is anticipated this stretch of the river will be designated as a Gold Medal fishery, on par with angling opportunities offered at the nearby Black Canyon of the Gunnison National Park. The CWP notes, "A strong Colorado environment is critical to the economy and the state's way of life" (6-178). Colorado's brand is strongly rooted in the natural environment. This brand continues to attract people to the state. However, as more people move to Colorado, there are greater demands on the water supply. Therefore, water projects must be carefully planned and must consider multiple uses. This project invests in both the environment and the economy, while not impacting consumptive uses of the Uncompahgre River. It fulfills the primary goal of the Gunnison Basin Roundtable, protecting the existing water uses in the Gunnison Basin (3-20). The CWP identified rapid population growth between Ouray and Montrose as a basin challenge (3-8). It notes that while tourism is important in the headwaters areas, agriculture is the primary use in the Uncompahgre Valley. However, population growth may dramatically change agricultural and other uses (3-8). This project supports tourism, but maintains the agricultural use of the river. The project additionally aligns with goals and components of the Statewide Water Supply Initiative (SWSI) 2010. Echoing the CWP, the SWSI discusses the importance of balancing nonconsumptive and consumptive uses of water in light of Colorado's population growth. Recreation and the environment support tourism, which is an economic driver in many parts of the state. The document notes that the fastest growth will take place on the Western Slope. The Gunnison Basin is expected to grow by 115 percent between 2008 and 2050 (ES-8). Montrose's project was not identified in the plan, however, it is consistent with the types of projects identified during the planning process in 2010 including "habitat restoration projects such as bank stabilization projects or instream habitat restoration such as pool and riffle development" (3-2). Colorado has multiple existing projects and methods ongoing to meet nonconsumptive needs, but additional projects are needed to meet the state's water supply needs (ES-27). Montrose's project may be considered an "additional project" which fulfills this goal. The project aligns with the CWCB's recommendations in the plan to: "(1) Identify and utilize existing and new funding opportunities to assist in implementing projects and methods to meet Colorado's consumptive and nonconsumptive water supply needs. (2) Support meeting Colorado's nonconsumptive water needs by working with Colorado's water stakeholders to: Protect or enhance environmental and recreational values that benefit local and statewide economies; Encourage multi-purpose projects that benefit both water users and native species; Recognize the importance of environmental and recreational benefits derived from agricultural water use, storage reservoirs, and other consumptive water uses and water management" (8-1).

Last Update: July 31, 2018

Water Activity Justification
Finally, the proposed Uncompahgre River Improvements project aligns with the goals of the Gunnison Basin Implementation Plan (GBIP). As noted previously, the project protects existing water uses, the primary goal of the Basin (p. 4). It also encourages the beneficial relationship between agricultural and environmental uses (Goal #7) (p.4). The project has been designed with agriculture, conservation, and recreation in mind. Flows on the Uncompahgre River are controlled by the Ridgway Dam. The river supports a robust agricultural economy in the valley, but also provides recreational opportunities. The recreation industry accounts for 23% of the Basin's economy, generating millions of dollars and producing hundreds of jobs (p. 21). With this in mind, the Basin seeks to maintain and improve recreational opportunities through strategically focusing on future water development (p. 20). The Uncompaghre River Improvements Project has been designed with feedback from the River Restoration Committee, which includes represenatives of Colorado Parks and Wildlife, Gunnison Gorge Anglers, Friends of the Uncompahgre, Mayfly Outdoors, and local outfitters. Communiation with the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, Colorado State Historical Preservation Office, and adjacent landowners has also influenced the design process. The project supports the Basin's efforts to "build on this foundation of productive and balanced water use; protecting the diversity of existing water uses and their related benefits" (p.12). Although the project is not listed in the GBIP, it aligns with the intended purpose of 18 other projects "to improve environmental and recreational focus areas in existing stream channels and to improve native fish and riparian species population" (p. 9). Montrose's project helps meet nonconsumptive water supply needs, enhances the environment, provides recreational benefits, strengthens the economy, and recognizes benefits derived by agricultural use. The City of Montrose's contribution of $1 million toward the project shows a commitment to improving the environmental, recreational, and economic conditions in Montrose.

(1) Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

Matching Requirements: Basin Account Requests	
Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3rd party and shall be accompanied by a **letter of commitment** as described in the 2016 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind)
City of Montrose (Montrose Urban Renewal Authority)	
This Section Not Required if Applying for State Funds	

Last Update: July 31, 2018

Matching Requirements: Basin Account Requests	
Total Match	$
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
Statewide Account grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3rd party) and shall be accompanied by a **letter of commitment.** Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
City of Montrose (Montrose Urban Renewal Authority)	$1,100,000 CASH
Colorado Watershed Restoration Program (CWCB)	$400,000 CASH
Gunnision Basin Roundtable	$40,0000 CASH
Total Match	$1,540,000
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.

Last Update: July 31, 2018

Related Studies

The proposed water activity will partially be funded by a $400,000 grant through the Colorado Watershed Restoration Program, another CWCB program.

Previous CWCB Grants

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order

Colorado Watershed Restoration Grant (Current)

1. City of Montrose
2. City of Montrose Uncompahgre River Improvements Project
3. Gunnision Roundtable
4. 1/28/2019
5. TBD – “By Fall” – per conversation with Chris Strum on 7/22/19

Tax Payer Bill of Rights

The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

City of Montrose grant funds are not subject ot TABOR. Montrose voters debruced grant funds subject to TABOR in 1996 by ballot initiative.

Last Update: January 9, 2018

Colorado Water Conservation Board	
Water Supply Reserve Fund	
Exhibit A - Statement of Work	
Date:	**7/1/2019 (project to begin in October 2019)**
Water Activity Name:	**Uncompahgre River Improvements Project**
Grant Recipient:	**City of Montrose**
Funding Source:	**City of Montrose & CWCB Water Supply Reserve Fund**

Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for.

The city plans to complete Phase 1 of 3 of river restoration improvements on 0.65 miles (3,400 feet) of the Uncompahgre River. River restoration includes reestablishing a resilient channel alignment, creating an active channel width balanced with flow and sediment load, connecting the river to its floodplain, creating a stable riparian zone adjacent to the channel, improving fish and other aquatic habitat, stabilizing the river banks, and providing river access to the public. The design contract for the project was awarded to Ecological Resource Consultants (ERC) in 2017 - the project is 70% designed (70% design documents and project photos are attached). Final design will be completed by the project's contractor (selecting June 2019). Construction is slated to begin in October 2019. The project complements a multi-million dollar mixed-use development project, the Montrose Urban Renewal Authority Development (MURA), which includes nearly 42 acres of donated, public open space along the river and the extension of the river trail, partially funded by a $2 million Great Outdoors Colorado grant. Funds from the WSRF will be used for construction (excavation, channelization, bank stabilization, riffle/pool features, habitat improvements, and re-vegetation). Match funding for the WSRF grant has been secured.

Objectives: (List the objectives of the project)

The vision of the river restoration project is multi-faceted. It aims to improve habitat for aquatic and riparian wildlife, stabilize banks to protect adjacent properties, and improve the functionality of the river for recreation users. Listed below are several objectives behind the vision for the project.

- Improve fish habitat through the project area by adding new habitat, enhancing existing habitat, and performing any channel reconstruction necessary to produce a sustainable (no stocking) catch-and-release, artificial flies and lures only trout fishery to the extent practicable.
- Stabilize river banks where necessary to prevent lateral retreat.
- Design/construct river improvements in such a manner as to maintain a natural, user friendly, and inviting feel for the river system (i.e., use natural materials wherever possible, no concrete structures).
- Design/construct river improvements in such a manner as to maintain functionality during both high and low flows to the extent practicable.
- Design/construct river improvements in such a way as to allow boaters to pass through the project area with relative ease while not encouraging whitewater surfing.
- Avoid adverse impacts to neighboring properties along the river.
- Avoid causing a rise in water levels on the Uncompahgre River.

Tasks
Provide a detailed description of each task using the following format:
Task 1 – Stream Excavation – Cut to Fill
Description of Task:
The new, stable channel configuration will be excavated as shown on the conceptual design plans. Material that is excavated will be screened on site to generate different sized materials that will meet the specifications for use in riffle construction, cutoffs, mineral soil for riparian areas and cobble toe bank stabilization. Materials that is excavated and not required for these features will be used to fill in the existing channel alignment.
Method/Procedure:
It is anticipated that the contractor will use excavators, loaders and haul trucks to accomplish this task.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
This task will generate the major shape of the new channel as well as establish areas for riparian re-vegetation.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 2 – Riffle Pool Features – Main Channel
Description of Task:
Riffle/pool features will be constructed within the main channel. This will be accomplished by fine in-channel grading to accomplish desired slopes. The coarser fraction of material excavated from the channel as part of Task 1 will be utilized to form the riffles. Pools and glides will be constructed downstream of the riffles to complete the sequences.
Method/Procedure:
It is anticipated that the contractor will use excavators, loaders and haul trucks to accomplish this task.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
This task will result in completed riffle/pool sequences within the main channel.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 3 – Riffle Pool Features – Side Channel
Description of Task:
Riffle/pool features will be constructed within the side channels. This will be accomplished by fine in-channel grading to accomplish desired slopes. The coarser fraction of material excavated from the channel as part of Task 1 will be utilized to form the riffles. Pools and glides will be constructed downstream of the riffles to complete the sequences.
Method/Procedure:
It is anticipated that the contractor will use excavators, loaders and haul trucks to accomplish this task.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
This task will result in completed riffle/pool sequences within the side channel.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 4 – Fine Grading at Backwater Areas
Description of Task:
Designated areas away from the main channel are intended to serve as backwater rearing habitat. As part of this task areas between the main channel and the designated backwater areas will be graded to allow water to fill these areas through a direct surface water connection to the main channel. Minor excavation within the backwater areas themselves will also occur to help ensure these areas provide high quality habitat.
Method/Procedure:
It is expected that the contractor will utilize an excavator to complete the grading that connects the main channel to the backwater areas. Connections will generally be made upstream of riffle features such that the riffles can serve as hydraulic grade controls to force water into the backwater areas.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
This task will result in a direct surface water connection between the main channel and the backwater habitat areas.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 5 – Grade Controls at Side Channels and Backwater Areas
Description of Task:
The long-term sustainability of the side channels and backwater areas is contingent on water flow. To help control flows to these areas, grade control structures will be built using larger cobble material recovered from the channel excavation. This coarser rock will be placed and compacted such that the top of these grade control features force flows to the side channels and backwater areas.
Method/Procedure:
It is anticipated that the contractor will use haul trucks to transport cobble to these areas and then utilize an excavator to place and grade the grade control features to the appropriate elevations.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Completed structures to control grades into and out of side channels and backwater areas.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 6- Type A Bank Stabilization
Description of Task:
Bank stabilization will be utilized to control active lateral bank retreat and mitigate erosion. Type A stabilization is the most structure stabilization to be used. It will be used where there is the greatest potential for future bank erosion, existing banks are high, protection of property and/or infrastructure is required and there is not room to lay banks back in order to achieve the stabilization required.
Method/Procedure:
Type A stabilization includes use of large rock that will be stacked to create a structural, stable bank. Rock will be stacked above bankfull elevation and tie directly into the adjacent slope.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Type A bank stabilization work will result in stabilized sections where room is limited and property and/or infrastructure needs protection.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 7 – Type B Bank Stabilization
Description of Task:
Bank stabilization will be utilized to control active lateral bank retreat and mitigate erosion. Type B stabilization is a combination of structural control and bank re-vegetation. It is the second most structure stabilization to be used. It will be used where there is high potential for future bank erosion but sufficient room is available to only require rock stabilization for a short height above bankfull.
Method/Procedure:
Type B stabilization includes use of large rock that will be stacked just above bankfull to create a structural, stable bank. Areas above this rock will be graded to allow a re-vegetated terrace that incorporates softer, bioengineering into the stabilization design.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Type B bank stabilization work will result in stabilized sections where property and/or infrastructure needs protection but sufficient room exists to allow the use of bioengineering techniques and grading above channel bankfull.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 8 – Type C Bank Stabilization
Description of Task:
Bank stabilization will be utilized to control active lateral bank retreat and mitigate erosion. Type C stabilization is a soft approach that utilizes native cobble to form the channel bank in areas where shear stresses are expected to be low and there is limited potential for impacts to property and infrastructure.
Method/Procedure:
Type C stabilization includes use of larger cobble that was excavated as part of the channel creation. Cobbles will be placed and compacted up to the bankfull channel elevation. A vegetated riparian area will be constructed above bankfull allowing higher flows to move out of the active channel into the adjacent terrace.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Type C bank stabilization work will result in stabilized sections where there is low risk of further property and/or infrastructure and a natural approach to restoration is appropriate.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 9 – Type D Bank Stabilization
Description of Task:
Bank stabilization will be utilized to control active lateral bank retreat. Mitigate erosion and provide aquatic habitat. Type D stabilization is a soft approach that utilizes native cobble in combination with large logs and root mass to form the channel bank and develop submerged habitat features. Type D stabilization will be used in areas where shear stresses are expected to be low and there is limited potential for impacts to property and infrastructure.
Method/Procedure:
Type D stabilization includes use of larger cobble that was excavated as part of the channel creation. Cobbles will be placed and compacted up to the bankfull channel elevation. Large woody debris will be incorporated in the design. Logs will provide both stability and habitat structure. A vegetated riparian area will be constructed above bankfull allowing higher flows to move out of the active channel into the adjacent terrace.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Type D bank stabilization work will result in stabilized sections and improved bank habitat where there is low risk of further property and/or infrastructure and a natural approach to restoration is appropriate.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 10 – Micro Habitat Features
Description of Task:
Micro habitat features will be incorporated into the channel design to add diversity and complexity to the channel and improve the overall aquatic habitat.
Method/Procedure:
Larger boulders and woody debris will be placed at strategic locations within the channel. Materials will likely be installed using and excavator. Features will be set in riffles, pools and glides to provide localized flow changes that result in pocket water, eddies and snags. Features will be located in both the main and side channels.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
The constructed micro habitat features will generate specific locations within the main and side channels.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 11 – Vegetation of Riparian Areas
Description of Task:
Areas outside of the active main channel, side channels and backwater areas will be reclaimed as natural floodplain areas. These vegetated areas will be set at elevations above bankfull and vegetated with native grasses and shrubs.
Method/Procedure:
Material excavated when digging the new channel will be sorted. Material not utilized in riffles, grade control features and bank stabilization will be placed in areas to be reclaimed as riparian zones. Loaders will likely be used to haul material to the appropriate location. Excavators and grading equipment will spread the material to the intended contours. Mineral soil will be mixed into the final graded material. Grass seed will be spread and thickets of shrub pockets will be planted.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Finished riparian areas will provide habitat, add shading for the river, improve water quality by filtering flood flows and minimize flooding risks by retarding peak flows.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 12 – Mobilization and Demobilization
Description of Task:
Equipment and material necessary to complete the river and riparian restoration will be brought in and then removed from site after the work is completed.
Method/Procedure:
Equipment will be brought in and removed by the contractor.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Equipment and supplies necessary for the work will be delivered.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 13 – Water Control
Description of Task:
Work will be completed during the winter season when flows are lowest. Given that work entails creating a new channel and constructing side channels, work will have to move the existing active channel to allow all channel and associated work to be completed.
Method/Procedure:
At times flows will be diverted around work areas. At other times in the project flows will be allowed to run through the active work zone and work will be completed “in the wet”. At the end of the work all flows will be directed such that it flows through the new channel, side channels and backwater areas. Water control will be accomplished by the use of grading equipment and excavators.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Water will be managed throughout the project.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
Task 14 – Erosion Control and Reclamation
Description of Task:
Work will be accomplished within the sensitive environment of the Uncompahgre River. Sediment both from within the channel itself and from existing eroding banks will be managed to minimize turbidity and loss of soil. Areas outside of the channel that are impacted such as access roads and staging areas will be reclaimed.
Method/Procedure:
Temporary sediment containment berms will be constructed in the channel downstream of the active work zone. Oil absorbent booms will be placed across the river as a preventative measure to capture organics that could potentially be released. Silt fence and/or sediment control logs will be installed out of the channel downgradient from active work areas to capture disturbed soils. After the work is completed all land areas that were disturbed during construction activities will be seeded and stabilized.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Construction activities will minimize impacts to water quality and disturbed land areas will be stabilized.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Tasks
Provide a detailed description of each task using the following format:
Task 15 – Construction Oversight
Description of Task:
During the course of construction the design team will be involved in the construction process to ensure that the built conditions achieve the intended restoration goals.
Method/Procedure:
Members of the design team will work with the contractor throughout the restoration process.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Production of suitable for construction plans and specifications and successful overall implementation of these plans
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Task will be documented through project and financial status project reports.

Budget and Schedule

Exhibit B - Budget and Schedule: This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format. A separate excel formatted Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements

Progress Reports: The grantee shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

Final Report: At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

Performance Requirements

Performance measures for this contract shall include the following:
(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.
(b) Accountability: Per the Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per the Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.
(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.
(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.

Last Update: July 31, 2018

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Date: 7/1/2019

Water Activity Name: Uncomphahgre River Improvements Project

Grantee Name: City of Montrose

Task No.[1]	Description	Start Date[2]	End Date	Matching Funds (cash & in-kind)[3]	CWRP Funds	WSRF Funds (Basin & Statewide combined)[3]	Total
1	Stream Excavation - Cut to Fill	Nov-19	Jan-20	$ 257,500.00	$ 250,000.00	$ 62,500.00	$ 570,000.00
2	Riffle/Pool Features, Main Channel	Nov-19	Feb-20	$ 10,750.00	$ 25,000.00	$ 6,250.00	$ 42,000.00
3	Riffle/Pool Features, Side Channel	Dec-19	Feb-20	$ 12,500.00	$ 10,000.00	$ 2,500.00	$ 25,000.00
4	Fine Grading at Backwater Areas	Dec-19	Feb-20	$ 29,000.00			$ 29,000.00
5	Grade Controls at Side Channels & Backwater Areas	Dec-19	Feb-20	$ 20,000.00			$ 20,000.00
6	Type A Bank Stabilization	Dec-19	Feb-20	$ 96,000.00	$ 20,000.00	$ 5,000.00	$ 121,000.00
7	Type B Bank Stabilization	Dec-19	Feb-20	$ 149,750.00	$ 25,000.00	$ 6,250.00	$ 181,000.00
8	Type C Bank Stabilization	Dec-19	Feb-20	$ 50,250.00	$ 15,000.00	$ 3,750.00	$ 69,000.00
9	Type D Bank Stabilization	Dec-19	Feb-20	$ 16,750.00	$ 5,000.00	$ 1,250.00	$ 23,000.00
10	Micro Habitat Features	Dec-19	Feb-20	$ 24,000.00			$ 24,000.00
11	Vegetation of Riparian Areas	Feb-20	Mar-20	$ 123,500.00	$ 50,000.00	$ 12,500.00	$ 186,000.00
12	Mob/Demobilization	Nov-19	Mar-20	$ 124,000.00			$ 124,000.00
13	Water Control	Nov-19	Mar-20	$ 62,000.00			$ 62,000.00
14	Erosion Control and Reclamation	Nov-19	Mar-20	$ 37,000.00			$ 37,000.00
15	Construction Oversight	Nov-19	Mar-20	$ 87,000.00			$ 87,000.00
			Total	$ 1,100,000.00	$ 400,000.00	$ 100,000.00	$ 1,600,000.00

(1) The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount.

(2) Start Date for funding under $100K - 45 Days from Board Approval; Start Date for funding over $100K - 90 Days from Board Approval.

(3) Round values up to the nearest hundred dollars.

• Additional documentation providing a Detailed/Itemized Budget may be required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

• Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

• NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal signed State Agreement.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed without any futher payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.

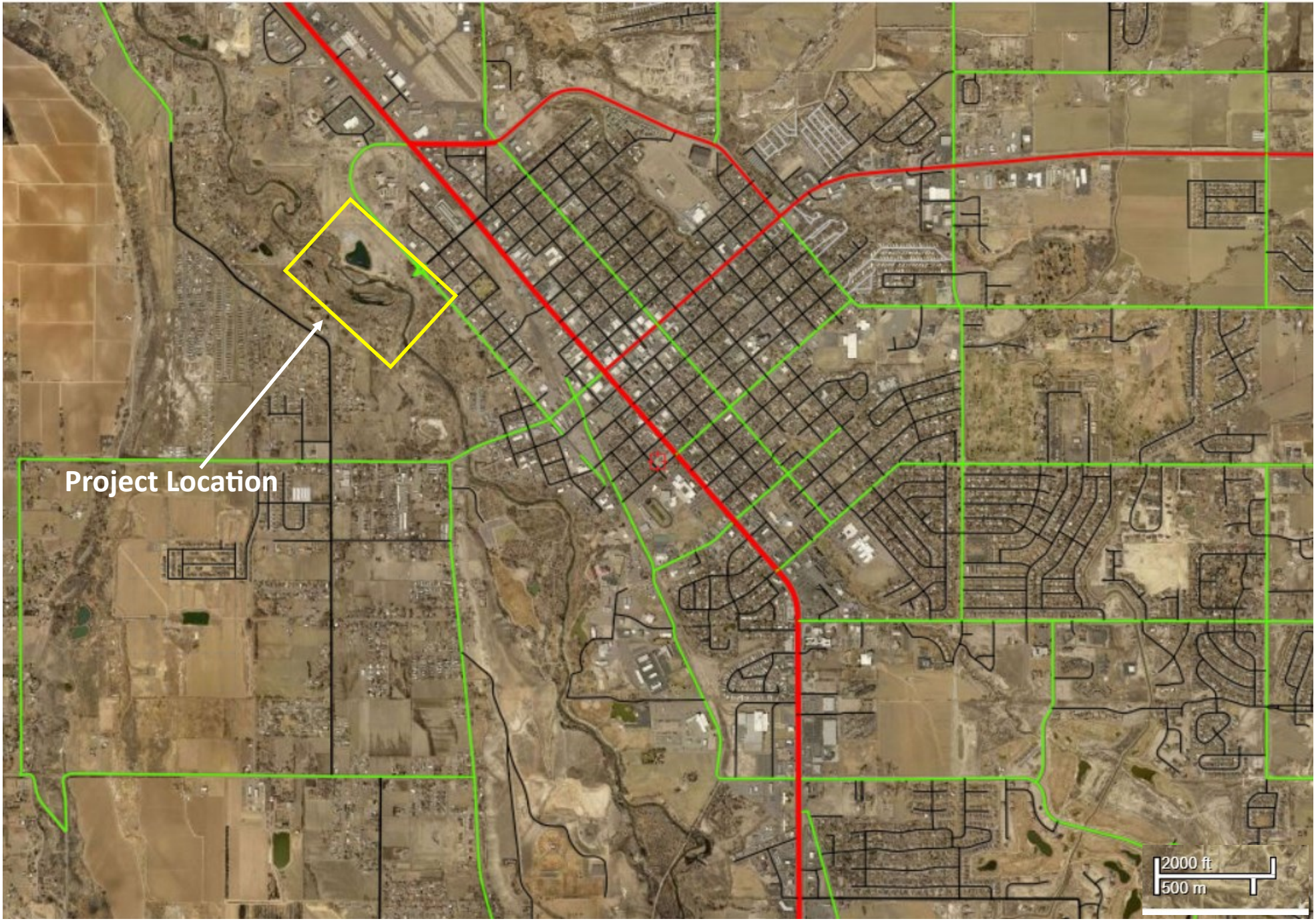
• Additonally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution

• Standard contracting proceedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.

Quantity & Unit Cost Estimate		Quantity	Unit	Subtotal	Increased to Account for Contingency and Excalation
Stream Gage Installation	Each	0	$ 20,000.00	$ -	
Stream Excavation - Cut to Fill	Cubic Yards	21500	$ 23.00	$ 494,500.00	$ 568,675.00
Riffle/Pool Features, Main Channel	Each	8	$ 4,500.00	$ 36,000.00	$ 41,400.00
Riffle/Pool Features, Side Channel	Each	11	$ 2,000.00	$ 22,000.00	$ 25,300.00
Fine Grading at Backwater Areas	Lump Sum	1	$ 25,000.00	$ 25,000.00	$ 28,750.00
Grade Controls at Side Channels and Backwater Areas	Each	5	$ 3,500.00	$ 17,500.00	$ 20,125.00
Type A Bank Stabilization	Linear Feet	350	$ 300.00	$ 105,000.00	$ 120,750.00
Type B Bank Stabilization	Linear Feet	950	$ 165.00	$ 156,750.00	$ 180,262.50
Type C Bank Stabilization	Linear Feet	1200	$ 50.00	$ 60,000.00	$ 69,000.00
Type D Bank Stabilization	Linear Feet	200	$ 100.00	$ 20,000.00	$ 23,000.00
Habitat Units in Upstream and Downstream Reaches	Each	0	$ 2,500.00	$ -	$ -
Micro Habitat Features	Each	27	$ 750.00	$ 20,250.00	$ 23,287.50
Revegetation	Acres	5.4	$ 30,000.00	$ 162,000.00	$ 186,300.00
Mob/Demob (10%)	Lump Sum	1	$ 111,900.00	$ 111,900.00	$ 123,090.00
Water Control (5%)	Lump Sum	1	$ 56,000.00	$ 56,000.00	$ 61,600.00
Erosion Control and Reclamation (3%)	Lump Sum	1	$ 33,600.00	$ 33,600.00	$ 36,960.00
Construction Oversight (7%)	Lump Sum	1	$ 78,300.00	$ 78,300.00	$ 86,130.00
Contingency (10%)	Lump Sum	1	$ 111,900.00	$ 111,900.00	
Assumed Cost Excalation for Splitting Projects (5%)	Lump Sum	1	$ 75,500.00	$ 75,500.00	
Total				**$ 1,586,200.00**	

NORTH

Project Location Map—City of Montrose



COLORADO
Colorado Water Conservation Board
Department of Natural Resources

January 29, 2019

Kendall Cramer, Grant Coordinator
City of Montrose
433 South First Street
Montrose, CO 81401

Dear City of Montrose:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCB) has approved your application, **Uncompahgre River Improvements Project**, for funding pursuant to the Colorado Watershed Restoration Program (CWRP) in the amount of $400,000. Please contact me to schedule a time to discuss the contracting process and additional needs.

General additional needs include:

- Stream Management Plan grantees must demonstrate that the planning effort put as much or more emphasis on environmental and recreational water uses as it does on other water uses.
- All CWRP funding awards are contingent upon applicant's ability to secure match funding.
- All grantees should adhere to their organizational procurement policies when hiring contractors and consultants. CWCB recommends that State procurement polices be used as a guide if an organization does not have procurement policies.
- Grantees should adequately address CWCB staff comments to scopes of work, engineering designs, and applications. This may result in changes. Comments are forthcoming.

The CWRP Grant Program Guidance can be located on our website for additional information.

Sincerely,
Vivian Pinelli
Administrative Assistant II

COLORADO
Colorado Water Conservation Board
Department of Natural Resources
P (303) 866-3441 | F (303) 866-4474
1313 Sherman Street, Room 718 | Denver, CO 80203
vivian.pinelli@state.co.us | cwcb.state.co.us

May 7, 2019

Colorado Water Conservation Board
1313 Sherman St, Room 718
Denver, CO 80203

Dear CWCB:

Colorado Outdoors, LLC and Mayfly Outdoors, in partnership with the City of Montrose, and several community-leading public and private partners[1], are working to substantially improve fishing habitat and public river access along the Uncompahgre River in Montrose, Colorado.

Currently, our businesses own approximately 124-acres of land along the riverway, property that is adjacent to nearly 1.5 miles of riverfront. This area is the primary location described within the grant application and main public access point for the river corridor.

Since 1973, a cornerstone of our business includes improving fishing habitats and public fishing access in North America. Driven by our company's commitment to conservation[2], we are founded on the simple belief that everyone, no matter where they live, should have access to quality open space, public trails and rivers. As part of this commitment, our business proudly donated approximately 41 acres of property along the river corridor to the City in late 2018.

Within the 41 acres, the City plans to complete Phase 1 of 3 river restoration improvements in the winter of 2019-2020 as a design-build. Phase I includes 0.65 miles (3,400 feet) of the Uncompahgre river. The restoration is substantial, and involves re-establishing the channel alignment, creating a stable riparian zone, improving fish and other aquatic habitat, enhancing bank stabilization, and providing key public river access points.

The river improvements complement a multi-million dollar trail and mixed-use development project, the Montrose Urban Renewal Authority Development (MURA). MURA includes the 41 acres of new public open space along the river and the extension of the river trail, partially funded by a two million dollar Great Outdoors Colorado Grant. The design contract for the river restoration project was awarded to Ecological Resource Consultants (ERC) in 2017 and is currently through the 70% design level, while contractor interviews are in their second stages for final selection.

As a local manufacturing business, we understand that the vibrancy of our company begins within the community where we live, work, and play. To demonstrate our commitment to the local community, we made the decision to expand our national headquarters for our manufacturing businesses within MURA[3], building a

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[1] Partners in the Colorado Outdoors project for infrastructure, river, and open space enhancement include: Trout Unlimited, Colorado Parks and Wildlife, Tri-County Water Conservancy, Bostwick Park Water Conservancy, Colorado River Water Conservation, Montrose County, the City of Montrose, Montrose School District, Montrose Rural Fire District, Montrose REcreation District, Montrose Regional Library, and the West Montrose Sanitation District.

[2] Mayfly Outdoors proudly contributes 10% of each sale of USA-made fly fishing reels to wildlife and fishing habits. Learn more at www.mayflyoutdoors.com

[3] These businesses are Ross Reels® and Abel Automatics, Inc. (Abel ®), two of the most awarded fly tackle manufacturers in the world. More information can be found at www.rossreels.com and www.abelreels.com

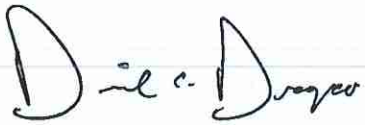
new state-of-the-art facility, adding several skilled jobs and furthering our dedication to high-quality, American-made products. We also set out on a bold mission to help our community gain access to natural amenities along a restored and enhanced river.

A preserved river corridor is critical for community development and economic well-being. It will bring abundant outdoor recreation opportunities to both the young and the young at heart alike and ensure our vital river corridor is permanently preserved for the goodwill of our neighbors, community residents, and visitors.

It is our sincere privilege to work with the City of Montrose on a project that aligns with our company's mission and values. A preserved, restored, and enhanced river system is good for business, and even better for the future of our community.

We are thrilled to join Montrose on this game-changing project.

Sincerely,



David C. Dragoo

President, Colorado Outdoors, LLC & Mayfly Outdoors

Julee Wolverton, PLA
Landscape Architect

www.juleewolverton.com
61945 Nighthawk Road
Montrose, Colorado 81403
ph. (970) 249-9392
cell (970) 417-1779
julee@juleewolverton.com

Colorado Water Conservation Board
1313 Sherman St., Room 718
Denver, CO 80203

Uncompahgre River Restoration: Letter of support

Dear Colorado Water Conservation Board:
This letter is written in support of the Uncompahgre River Restoration project in Montrose, Colorado. Phase 1 of the project is located along a 0.65 mile (3,400 lf) stretch of river within the city adjacent to the Mayfly riverfront development area. The restoration master plan was developed in 2017 with construction drawings recently completed for design-build efforts to begin the winter of 2019-2020. The restoration project will help protect the river habitat, provide recreational access to the waterway, and stabilize the shoreline in areas adjacent to the riverfront development.

A steering committee made up of state fish and wildlife experts, fishing enthusiasts, river restoration designers and contractors, riverfront developers, and the City of Montrose have collaborated with a vision to protect the river while providing for multi-purpose use including recreation, education, and limited access at key locations.

The new development along the river will draw a lot of use to the area so it is important to plan in advance for the protection and enhancement of the river to ensure that it continues to provide habitat for animals, birds, and fish; provide water for agriculture; provide recreational opportunities along and within the waterway; and highlight the cultural, environmental, and historic uses of the river.

The river restoration project is a vital component to the success of the overall development in this area. Without restoration, the river will continue to lose vital fish and animal habitat and will leave development exposed to destructive flooding and uncontrolled human degradation to the area. As a local citizen and environmentalist, I feel it is crucial to assure the protection and proper development along the river. I strongly support the continued efforts to reestablish a resilient channel alignment, create a stable riparian zone, improve habitat, and provide access in limited key locations. Creating a common vision for the riverfront area and turning that vision into reality requires adequate funding and continued strong partnerships among stakeholders at every level – local, county, regional, state, and federal. The timing is perfect for the restoration of the river to be constructed concurrent with the adjacent mix-used riverfront and open space recreation development.

Sincerely,

Julee Wolverton

Julee Wolverton, PLA
Landscape Architect

Gear for the Global Fly
Fisher Since 1984

Telluride Angler
121 West Colorado Ave
P.O. Box 685
Telluride, CO 81435
1-800-831-6230
1-970-728-3895
tellurideangler.com

May 9, 2019

Colorado Water Conservation Board
1313 Sherman St., Room 718
Denver, CO 80203

Dear Water Conservation Board,

The purpose of this letter is to express strong support for the Uncompahgre River rehabilitation project in Montrose, Colorado. Please fund this work. Improving the river will support the outdoor industry in Montrose and the surrounding region. The financial benefits will certainly reach our business in Telluride, as anglers seek quality fly fishing opportunities and improved public access on this backyard river. Fly fishing is a destination travel draw. This project is already drawing interest from all over the Southern Rockies thanks to the diligence of the Mayfly Group and collaboration between public and private entities. As a fly fishing destination, the Uncompahgre will offer tremendous value to Montrose and all of SW Colorado.

Privately, I am excited about the idea of a high quality public access river corridor on the north end of Montrose. Recreational opportunities are few in this part of town, with river access blocked by private property and the watershed trashed by unmitigated industry and private interests. It would be terrific if we could access and use this section of river for non-impactful recreation such as fly fishing, bicycling and walking. It would be a tremendous asset, both privately and commercially.

Thanks for your consideration. Let's get this done!

Sincerely,

John Duncan
Co-owner

May 7, 2019

Colorado Water Conservation Board
1313 Sherman St., Room 718
Denver, CO 80203

Colorado Water Conservation Board Members,

On behalf of American Rivers, I write with enthusiastic support for the City of Montrose's Water Supply Reserve Fund grant for $100,000. The City of Montrose requests $50,000 from the Statewide Account and $50,000 from the Gunnison Basin Roundtable. American Rivers protects wild rivers, restores damaged rivers and conserves clean water for people and nature across the United States and here in Colorado.

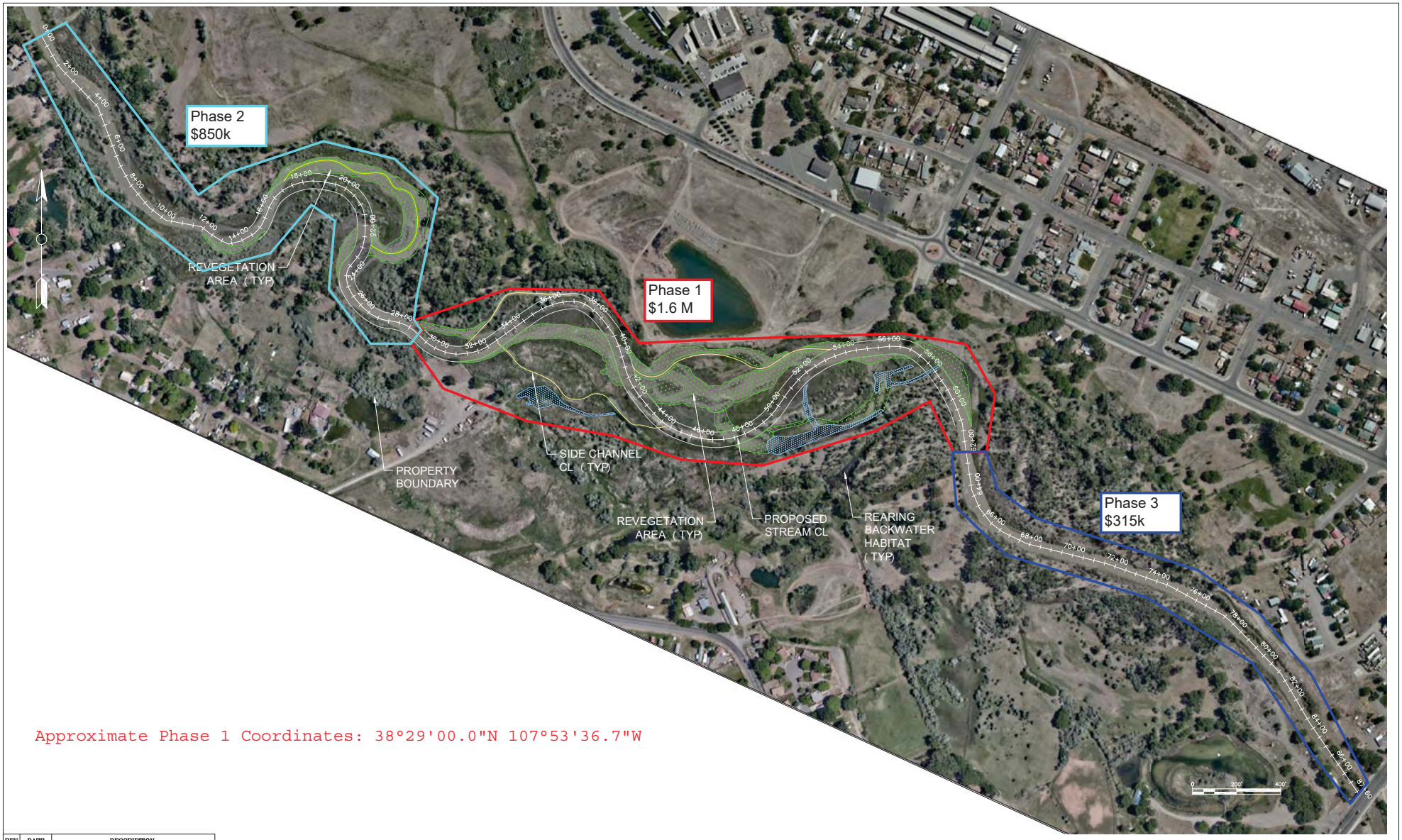
The City of Montrose plans to complete Phase 1 of 3 of river restoration improvements on 0.65 miles (3,400 feet) of the Uncompahgre River traversing through Montrose. River restoration includes reestablishing a resilient channel alignment, creating an active channel width that is balanced with flow and sediment load, connecting the river to its floodplain, creating a stable riparian zone adjacent to the channel, improving fish and other aquatic habitat, stabilization bank, providing river access and improving park amenities. This project is a multifaceted with ecological, economic and quality of life benefits for the City of Montrose, its residents and tourists.

The design contract for the project was awarded to Ecological Resource Consultants (ERC) in 2017. The project is currently 70% designed. The city anticipates construction to begin in winter 2019-2020 as a design/build process using the 70% design as the basis. The project complements a multi-million-dollar mixed-use development project, the Montrose Urban Renewal Authority Development, which includes 40 acres of new public open space along the river and the extension of the river trail, partially funded by a $2 million Great Outdoors Colorado Grant. This project adds to the tremendous amount of work the City has done over the last few years to improve access and recreation opportunities along the Uncompahgre River.

As one of the leading voices to protect and restore rivers, American Rivers strongly encourages the Colorado Water Conservation Board to support the City of Montrose's request for funds.

Thank you,

Fay Hartman
Conservation Director, Colorado River Basin
American Rivers



REV	DATE	DESCRIPTION
A	11/15/17	ISSUED FOR DISCUSSION PURPOSES

PREPARED BY
ECOLOGICAL RESOURCES CONSULTANTS, INC
35715 US HIGHWAY 40, SUITE D204
EVERGREEN, CO 80439

CLIENT: CITY OF MONTROSE

PROJECT: UNCOMPAHGRE RIVER IMPROVEMENT

TITLE: PLAN VIEW

SHEET: 02

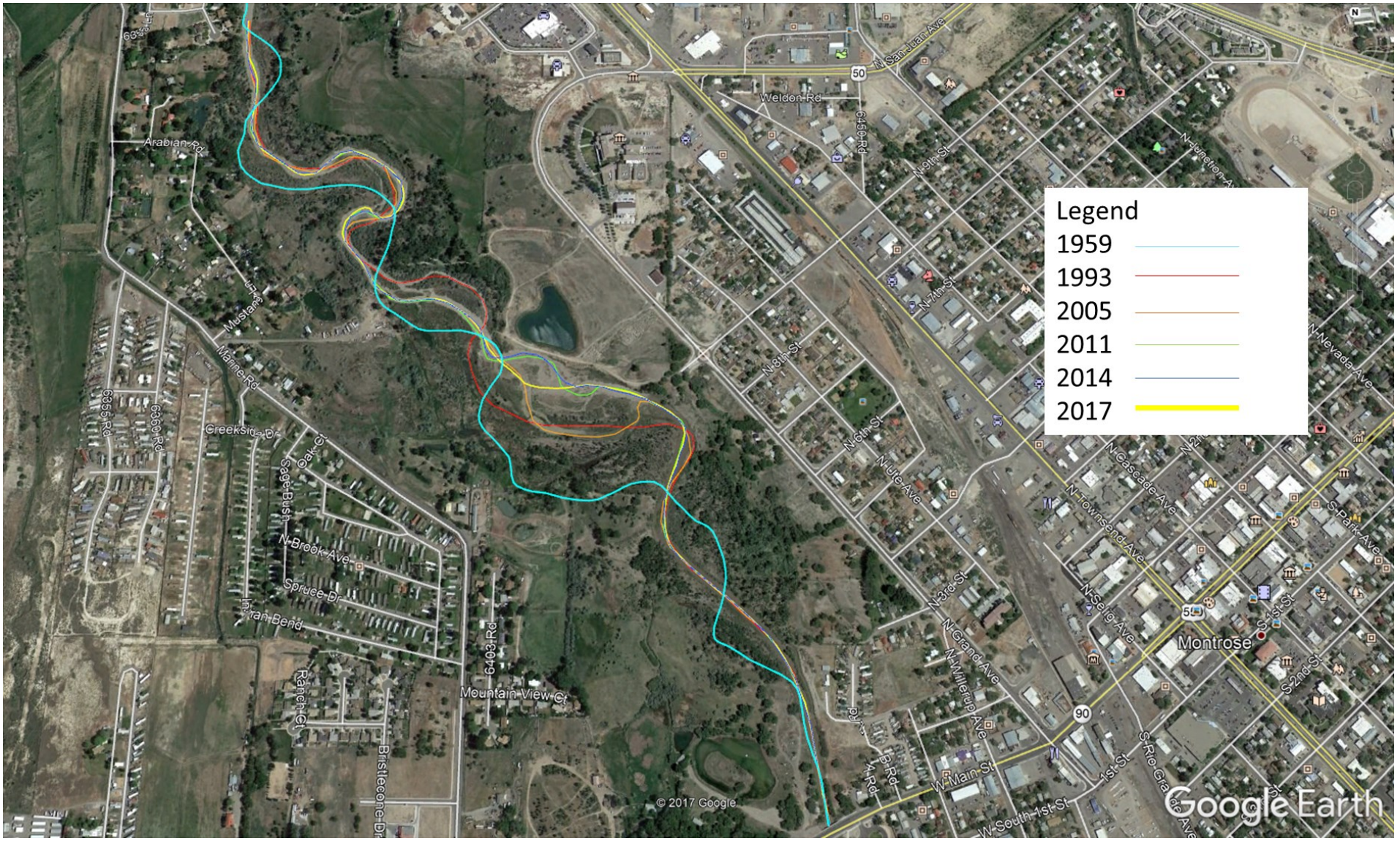
G:\Dropbox (ERC Colorado)\ERC\01 PROJECTS\485 Montrose\1701 MURA Uncompahgre Design\02 ACAD\Production DWGS\02 - PLAN VIEW.dwg, 1/29/2018 5:14:04 PM

Attachment A

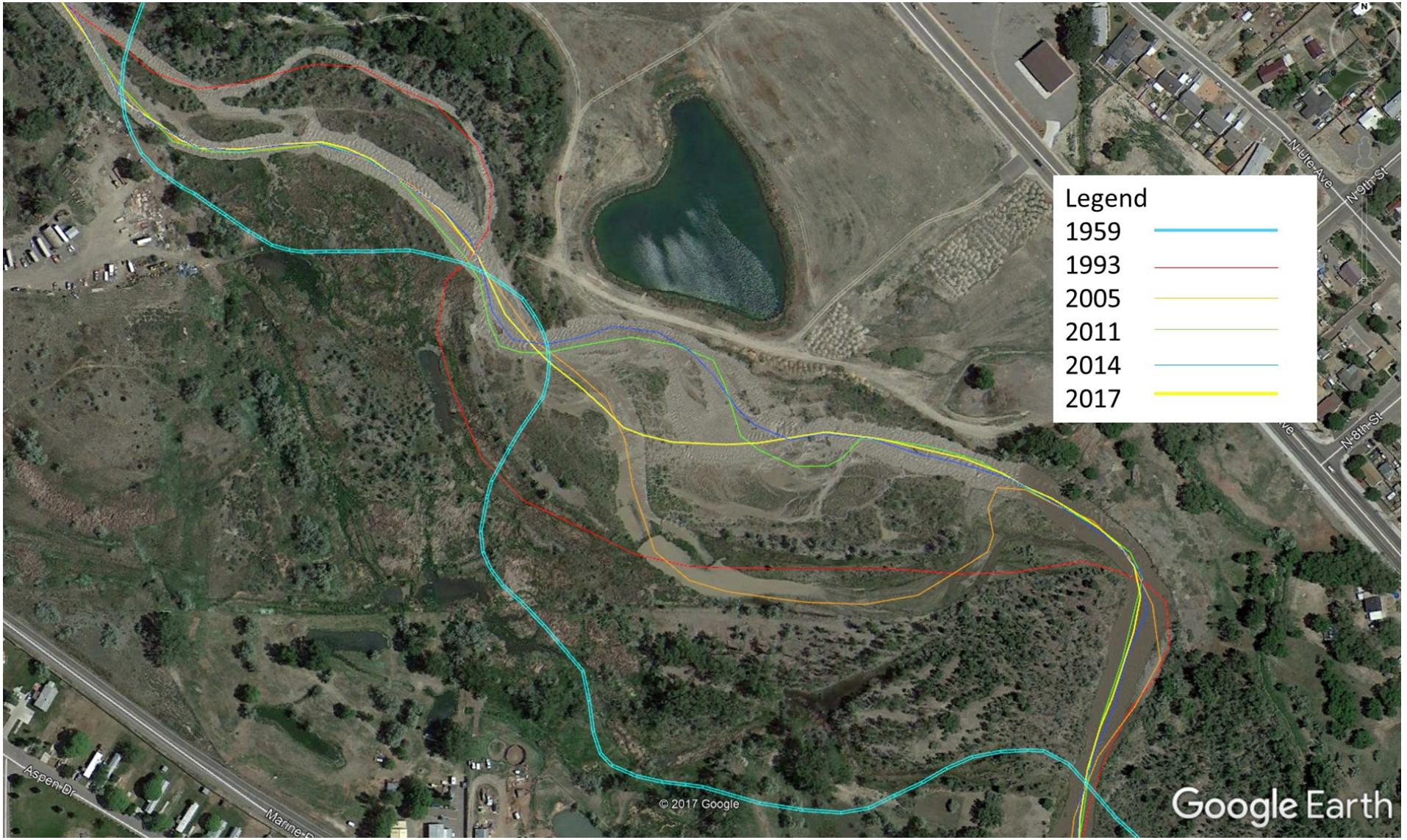
Uncompahgre River Photos

Wide reach/bank stabilization issues

City of Montrose—Uncompahgre River Channel Evolution—Phase 1-3 Project Area



City of Montrose—Uncompahgre River Channel Evolution in Phase 1 Area



CITY OF MONTROSE
UNCOMPAHGRE RIVER IMPROVEMENT PROJECT
NOVEMBER 2017

LOCATION MAP:

Sheet List Table	
Sheet Number	Sheet Title
01	COVER SHEET
02	PLAN VIEW
03	PLAN & PROFILE (SHEET 1)
04	PLAN & PROFILE (SHEET 2)
05	PLAN & PROFILE (SHEET 3)
06	PLAN & PROFILE (SHEET 4)
07	PLAN & PROFILE (SHEET 5)
08	PLAN & PROFILE (SHEET 6)
09	PLAN & PROFILE (SHEET 7)
10	SECTIONS & DETAILS
11	SECTIONS & DETAILS
12	SECTIONS & DETAILS

REV	DATE	DESCRIPTION
A	11/15/17	ISSUED FOR DISCUSSION PURPOSES

PREPARED BY
ECOLOGICAL RESOURCES CONSULTANTS, INC
35715 US HIGHWAY 40, SUITE D204
EVERGREEN, CO 80439

CLIENT	PROJECT	TITLE	SHEET
CITY OF MONTROSE	UNCOMPAHGRE RIVER IMPROVEMENT	COVER SHEET	01

REV	DATE	DESCRIPTION
A	11/15/17	ISSUED FOR DISCUSSION PURPOSES

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CLIENT: CITY OF MONTROSE

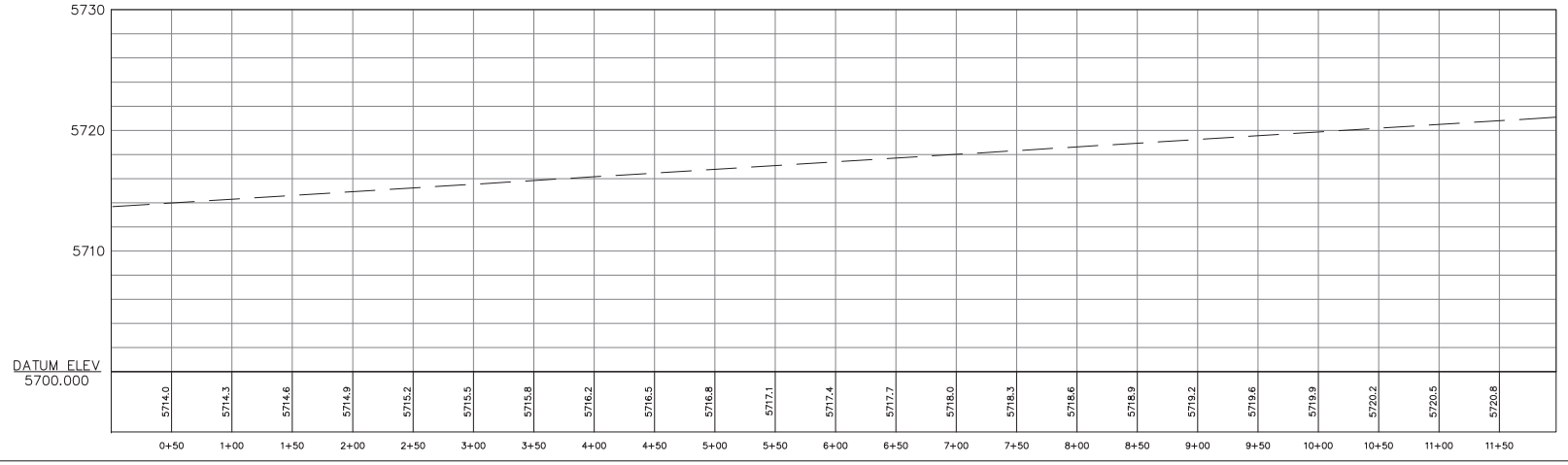
PROJECT: UNCOMPAHGRE RIVER IMPROVEMENT

TITLE: PLAN VIEW

SHEET: 02

LEGEND

- RIFFLE
- POINT BAR
- POOL
- REARING BACKWATER HABITAT
- REVEGETATION AREA
- MICRO HABITAT FEATURE
- HABITAT CLUSTERS
- TYPE A STABILIZATION – HIGH WALL
- TYPE B STABILIZATION – SHORT WALL WITH VEGETATION OVERBANK
- TYPE C STABILIZATION – NATIVE COMPACTED SOIL WITH VEGETATED OVERBANK
- TYPE D STABILIZATION – ROOTWAD INSTALLATION



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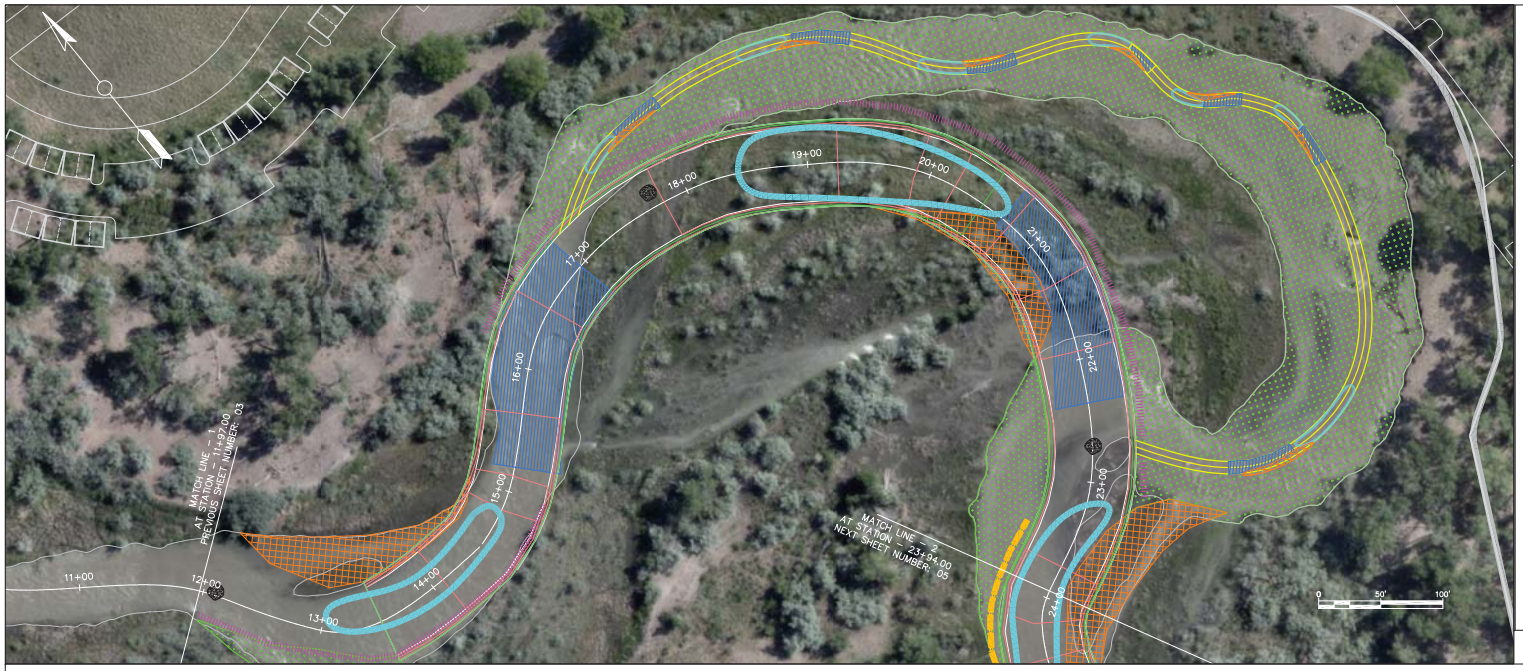
TITLE: PLAN & PROFILE (SHEET 1)

SHEET: 03



LEGEND

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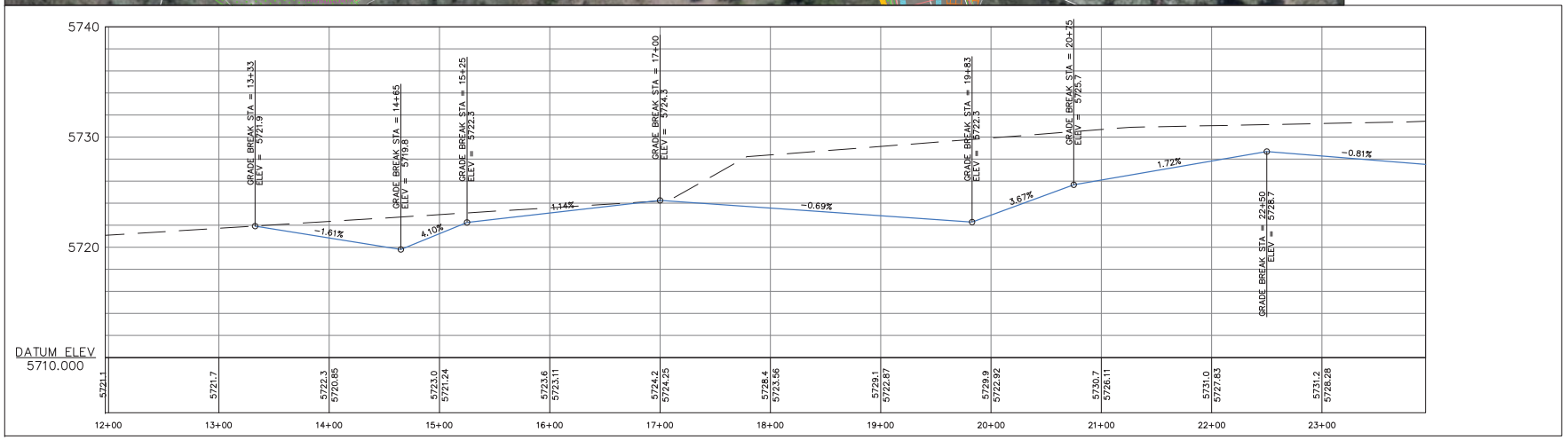

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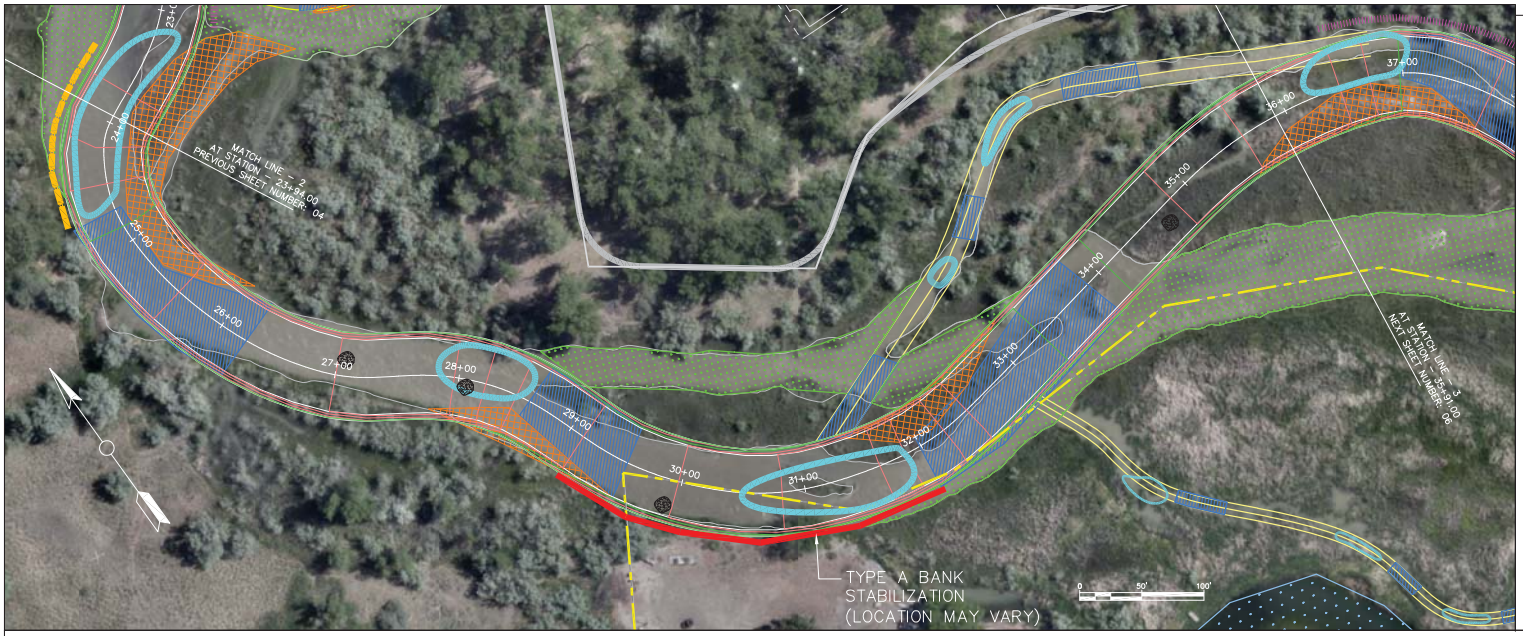
TITLE: PLAN & PROFILE (SHEET 2)

SHEET: 04



LEGEND

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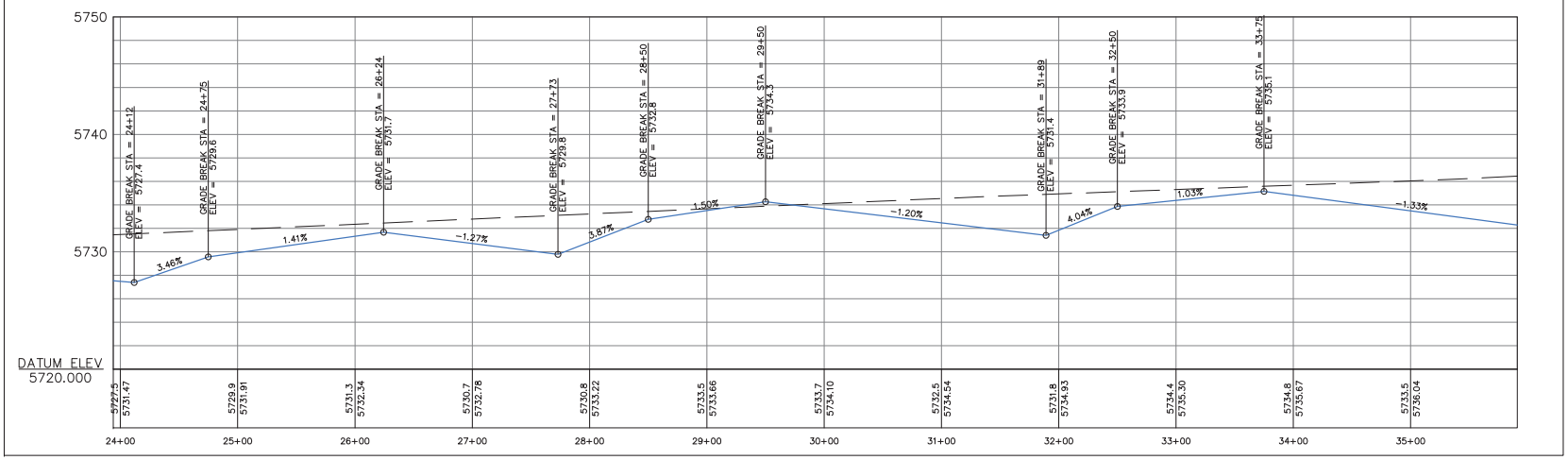

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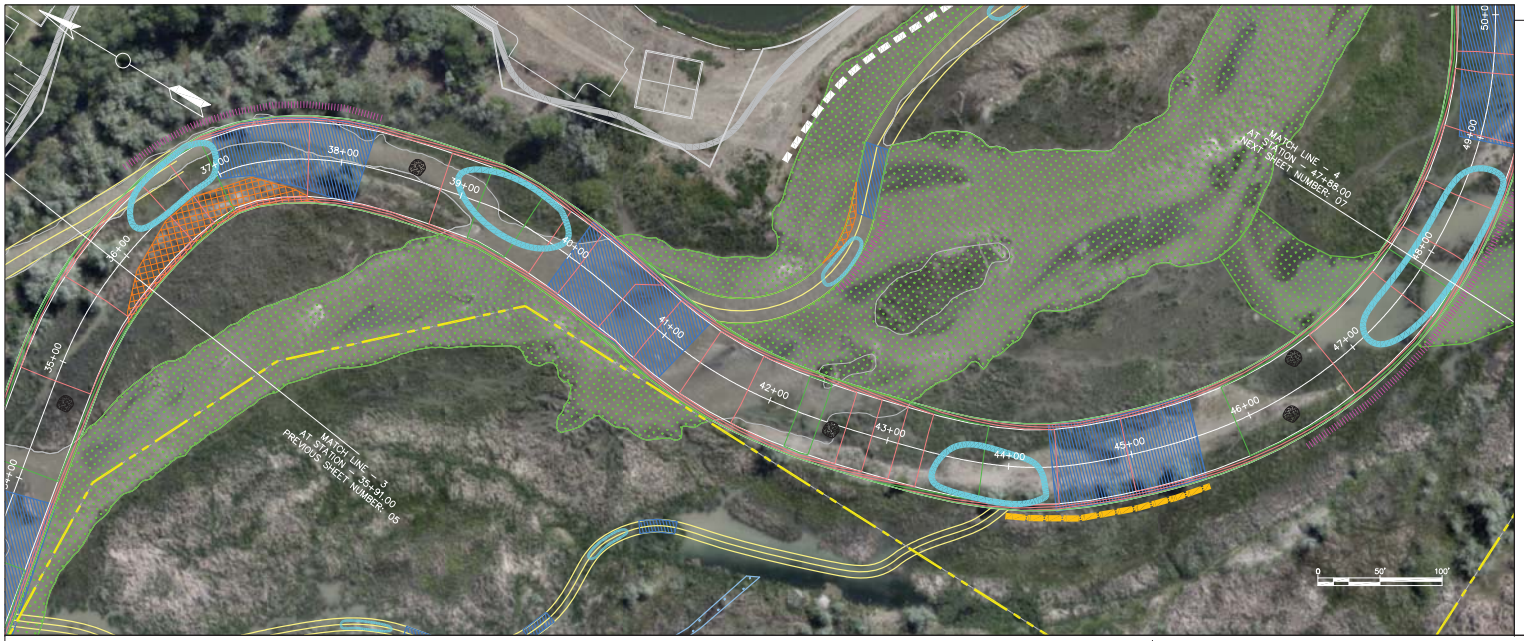
TITLE: PLAN & PROFILE (SHEET 3)

SHEET: 05



LEGEND

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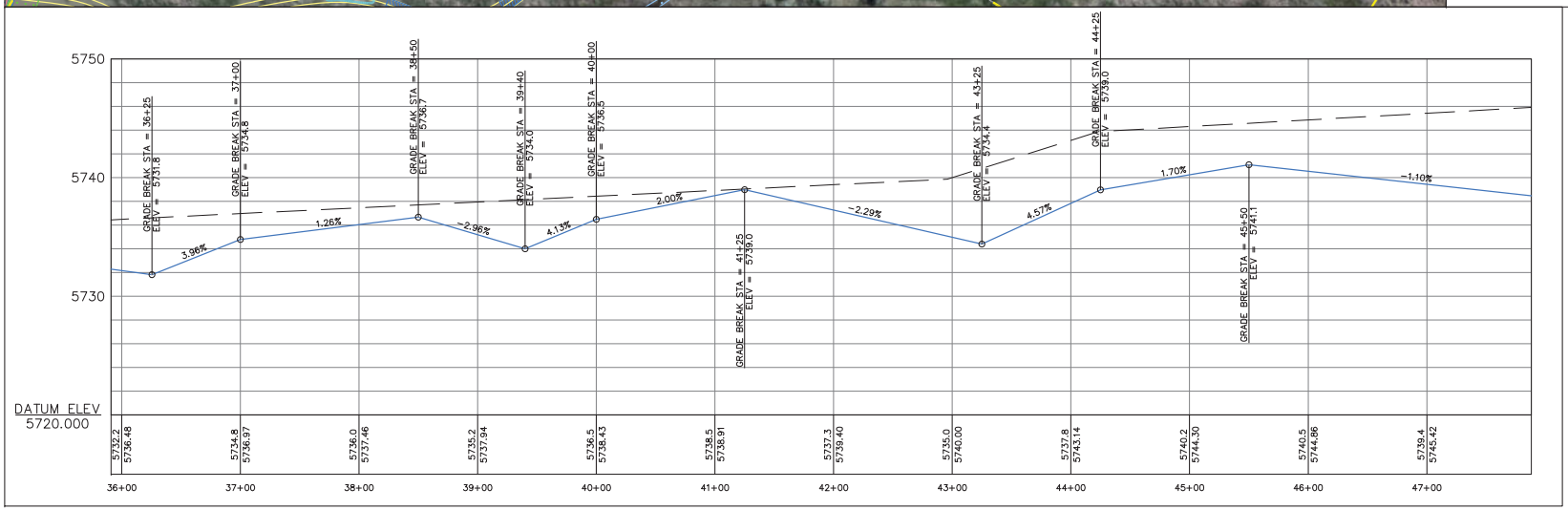

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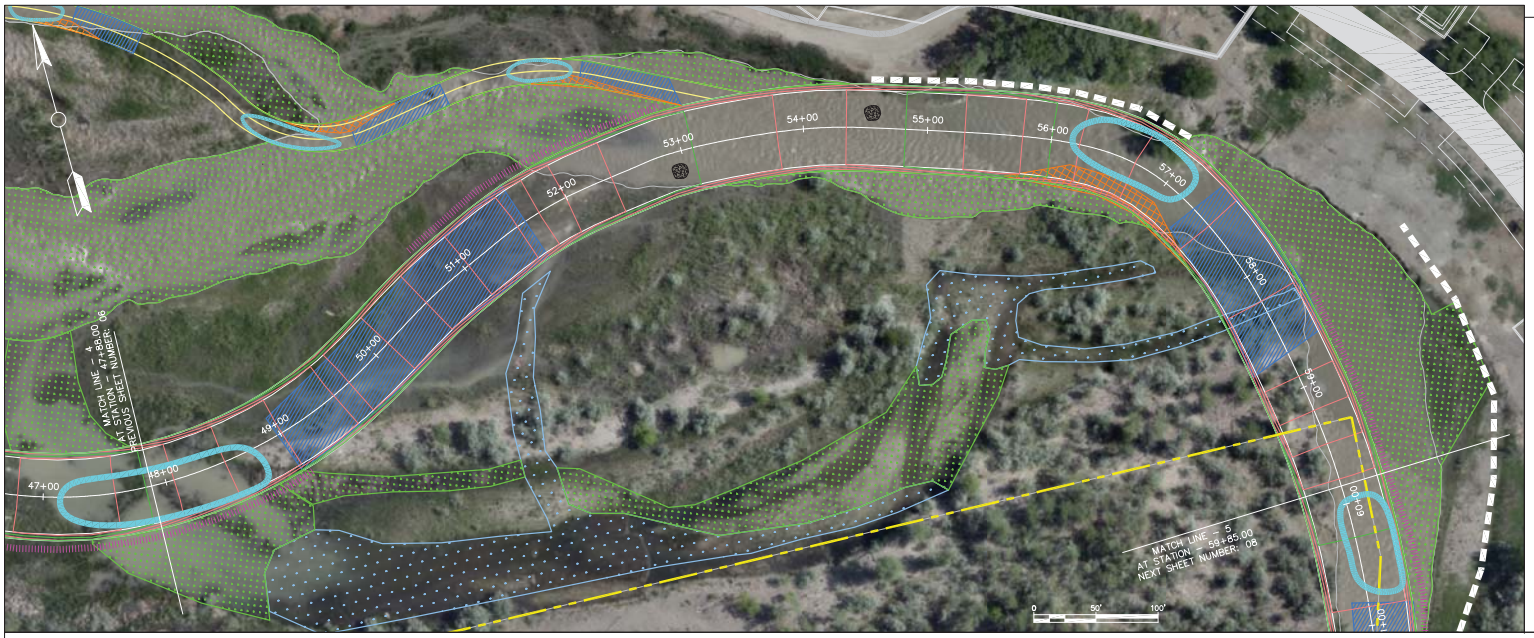
PROJECT: UNCOMPAHGRE RIVER IMPROVEMENT

TITLE: PLAN & PROFILE (SHEET 4)

SHEET: 06



LEGEND

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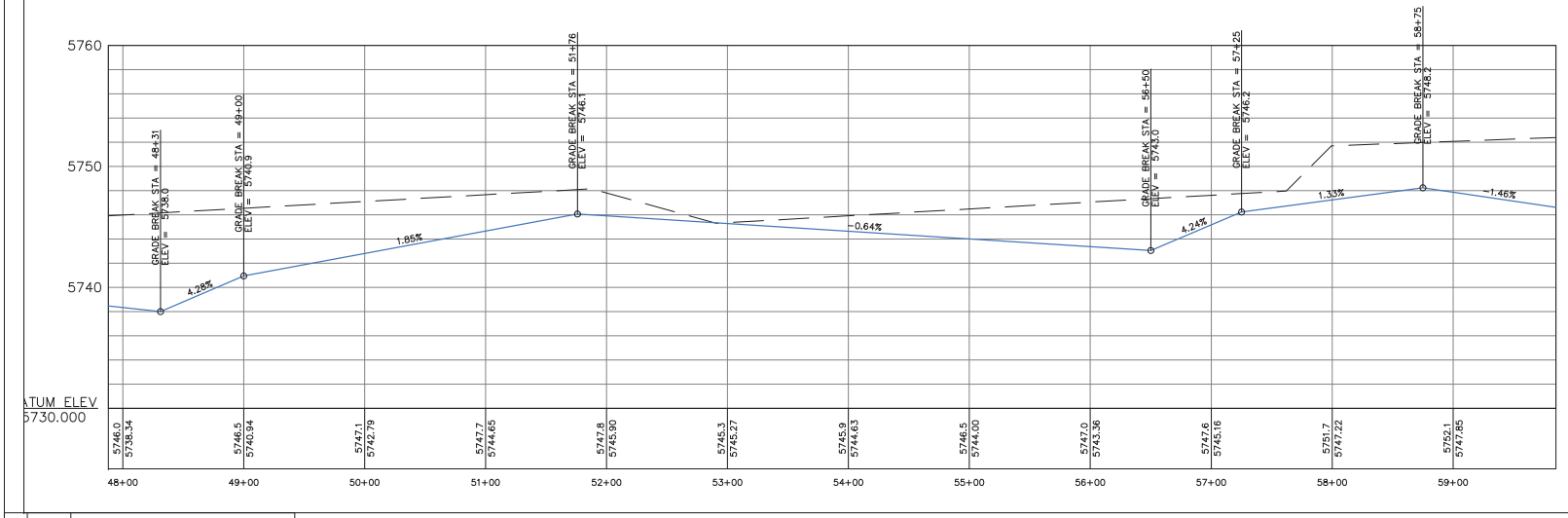

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TITLE: PLAN & PROFILE (SHEET 5)

SHEET: 07

LEGEND

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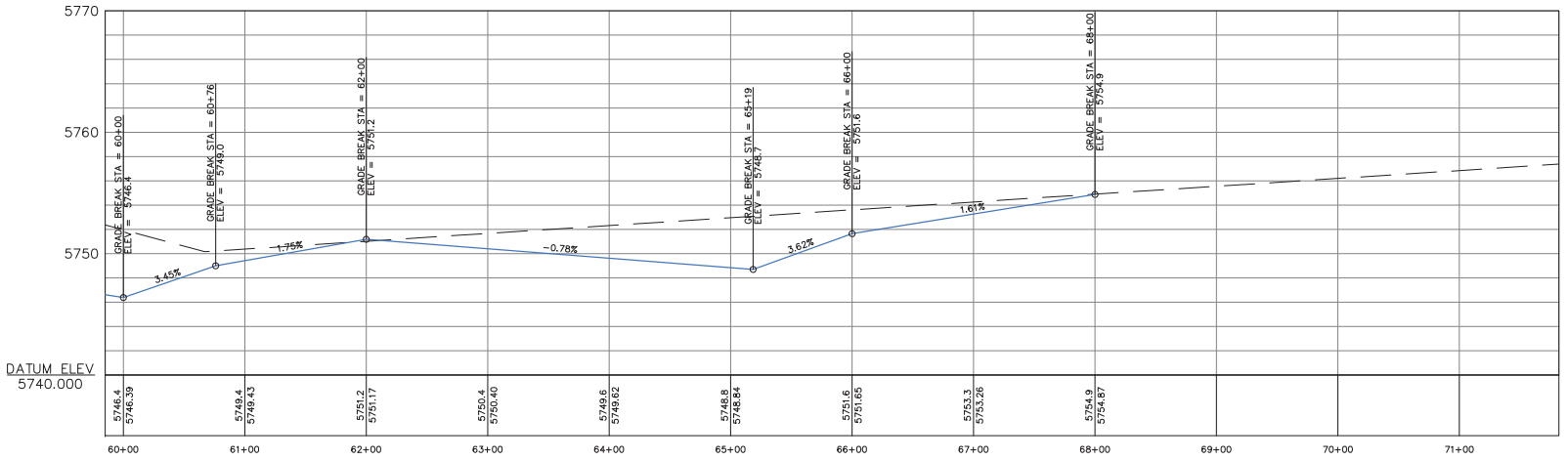

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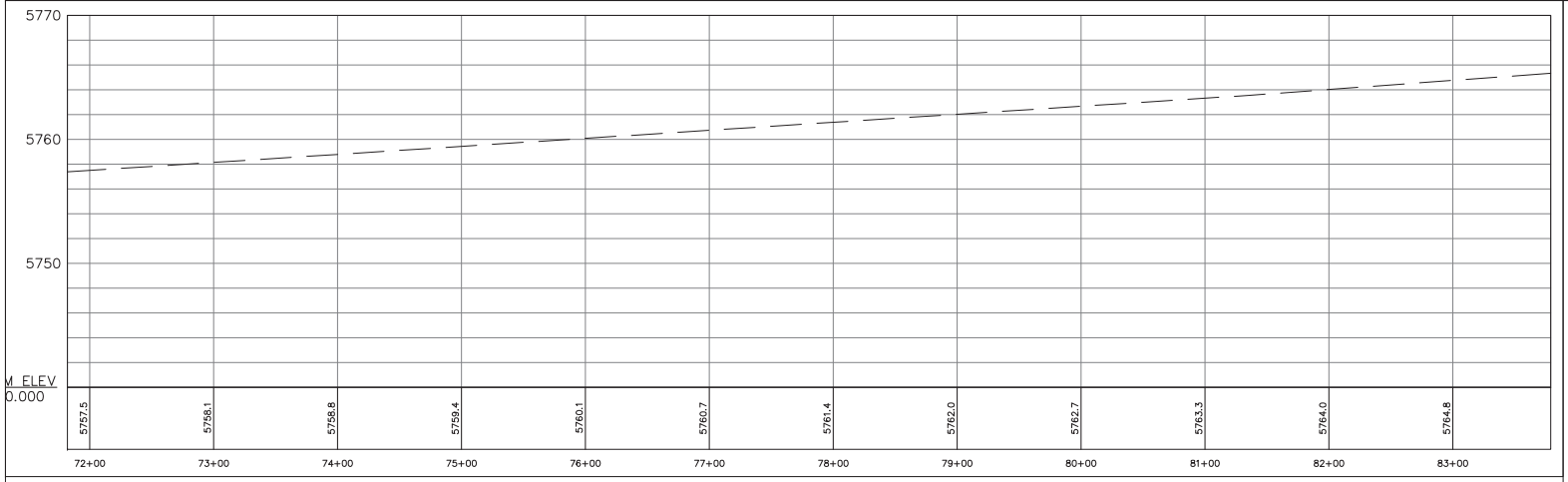
TITLE: PLAN & PROFILE (SHEET 6)

SHEET: 08



LEGEND

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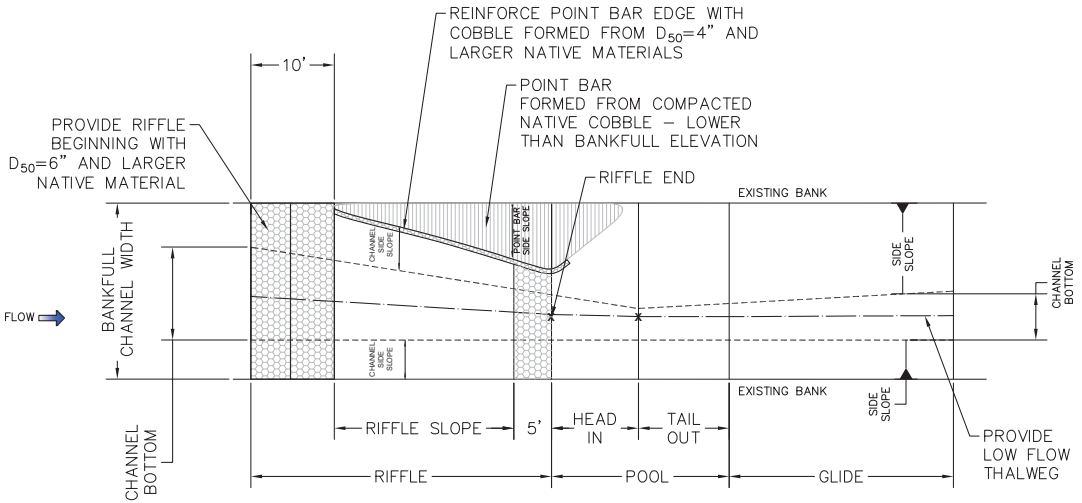
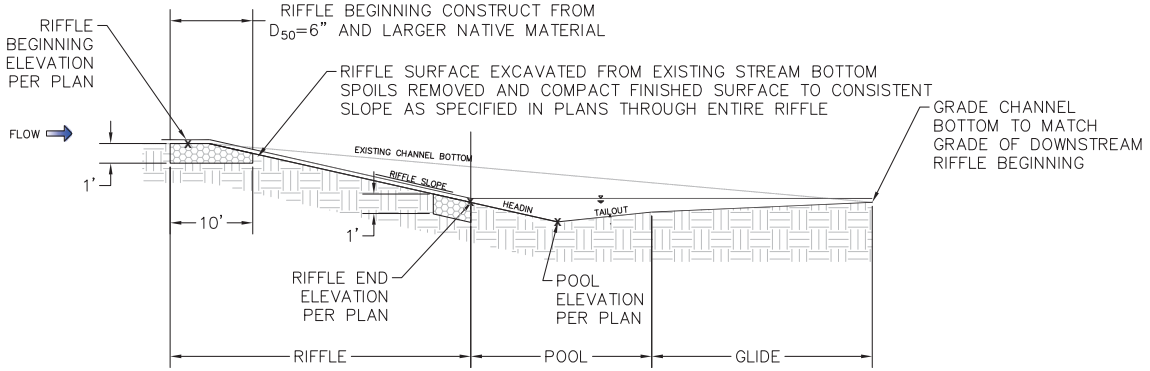
TITLE: PLAN & PROFILE (SHEET 7)

SHEET: 09



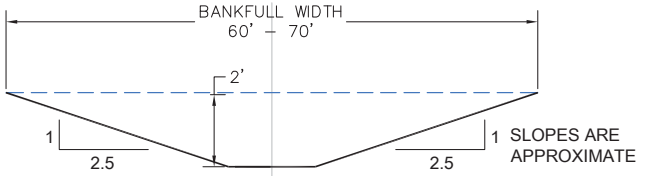
RIFFLE-POOL-GLIDE PLAN



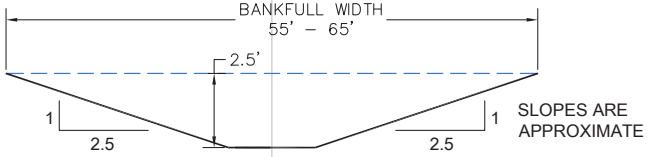
RIFFLE-POOL-GLIDE PROFILE

NOTES:

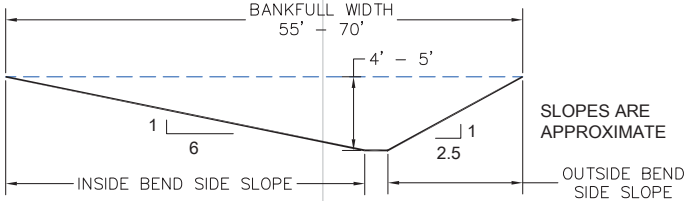
1. MEANDERING LOW FLOW THALWEG TO BE CONSTRUCTED IN ALL AREAS.
2. CHANNEL GRADING TO TIE-IN TO EXISTING VEGETATION LINE AND/OR BANKFULL CHANNEL WIDTH.



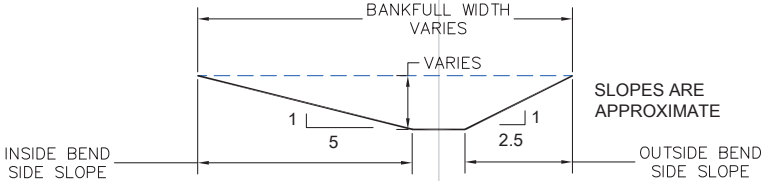
TYPICAL CHANNEL RIFFLE BEGINNING SECTION



TYPICAL CHANNEL RIFFLE END SECTION



TYPICAL CHANNEL - POOL SECTION



TYPICAL CHANNEL - MIDDLE OF GLIDE

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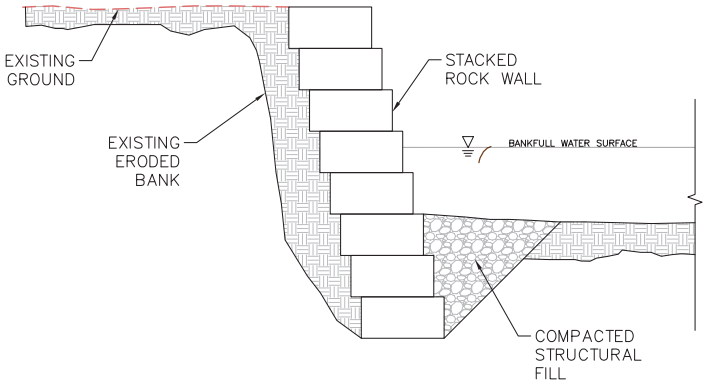
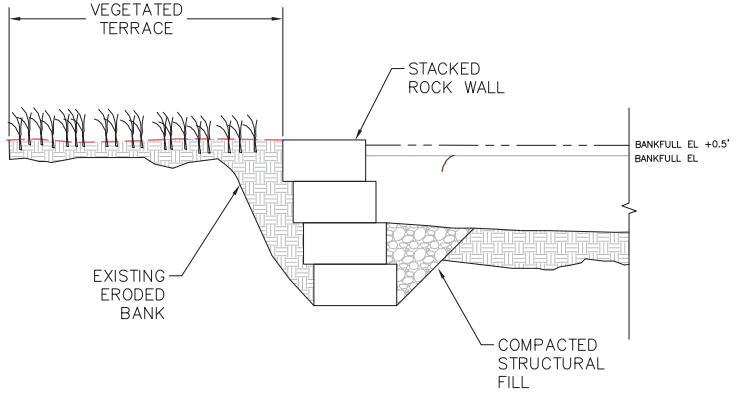
TITLE: SECTIONS & DETAILS

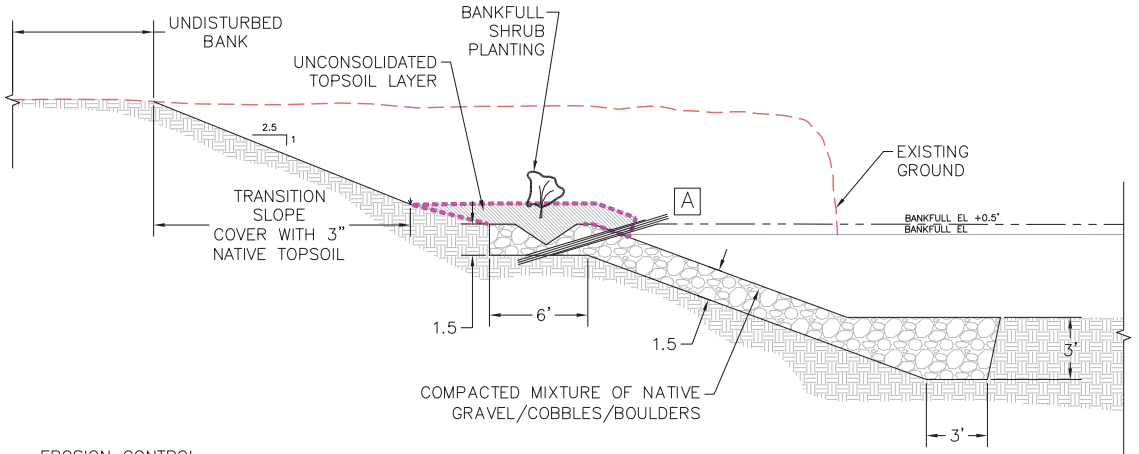
SHEET: 10



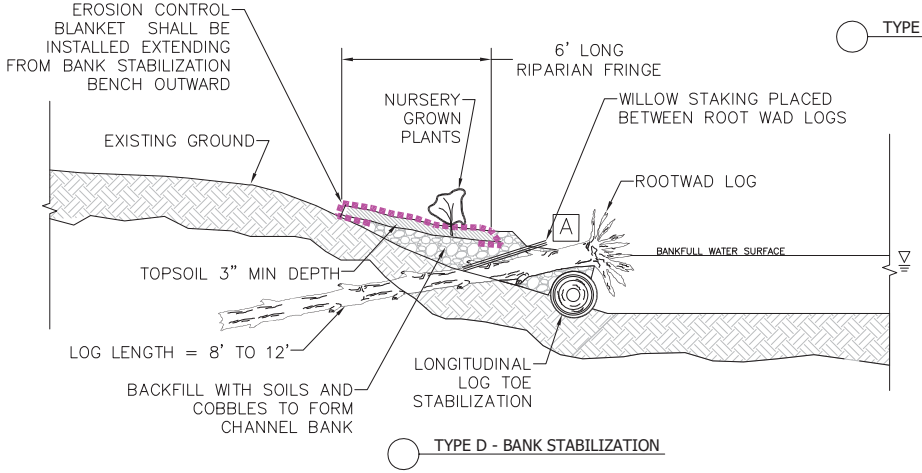
TYPE A - BANK STABILIZATION



TYPE B - BANK STABILIZATION



TYPE C - BANK STABILIZATION



TYPE D - BANK STABILIZATION

WILLOW STAKING [A]

1. INSTALL A CONTINUOUS LAYER OF WILLOW CUTTINGS DURING PLACEMENT OF SOIL FILLED RIPRAP
2. APPROXIMATELY 3 WILLOW CUTTINGS SHALL BE PLACED SIDE BY SIDE PER LINEAR FOOT
3. MINIMUM 3" LAYER OF NATIVE SAND OR TOPSOIL REQUIRED
4. WILLOW STAKING SHALL BE INSTALLED AT BANKFULL ELEVATION
5. WILLOW CUTTINGS SHALL EXTEND BEYOND RIPRAP INTO NATIVE MATERIAL
6. WILLOW CUTTINGS SHALL BE HARVESTED FROM APPROVED LOCATIONS
7. CUTTINGS SHALL BE A MINIMUM LENGTH OF 4'

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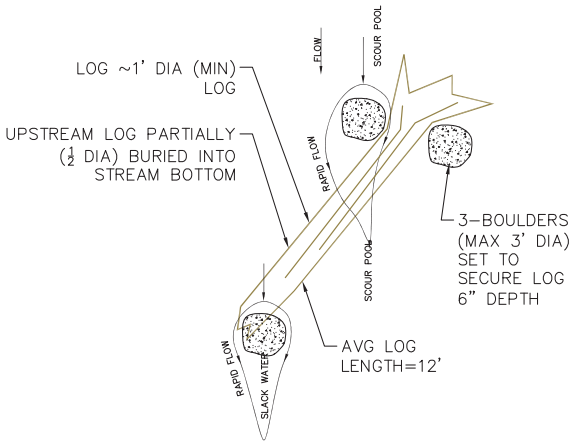
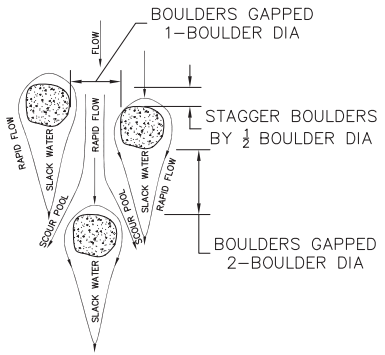
SHEET: 11



INSTREAM LOG/ROOT WAD (ILRW)

ILRW NOTES:

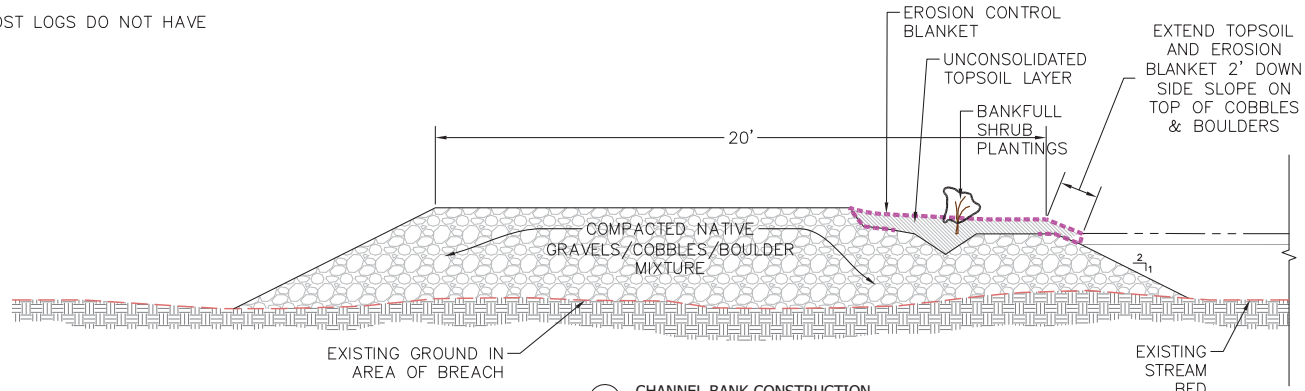
1. NATIVE BOULDERS SALVAGED INSTREAM, 1' – 1 1/2 ' MIN DIA.
2. TOP OF ALL BOULDERS AND LOG WILL BE SET BELOW THE BANKFULL FLOW ELEVATION
3. CREATE SCOUR HOLE IN RAPID FLOW PATH AREAS
4. BOULDERS AND LOG SHOULD BE SET TOWARDS STREAM CENTER MAINTAINING 5' SPACE FROM BANK EDGE
5. ALL LOGS SALVAGED ON SITE. MOST LOGS DO NOT HAVE ROOT WAD



BOULDER CLUSTERS (BC)

BC NOTES:

1. NATIVE BOULDERS SALVAGED INSTREAM, 1 TO 1 ½' DIA.
2. TOP OF ALL BOULDERS WILL BE SET BELOW THE BANKFULL FLOW ELEVATION
3. CREATE SCOUR HOLE IN RAPID FLOW PATH AREAS
4. BOULDERS SHOULD BE SET TOWARDS STREAM CENTER MAINTAINING 5' SPACE FROM BANK EDGE



CHANNEL BANK CONSTRUCTION

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SHEET: 12