

CARBONDALE PARKS & RECREATION COMMISSION
REGULAR MEETING
WEDNESDAY, July 8, 2020 7:00 P.M.
Virtual Meeting Zoom Platform

ATTENTION: Due to the continuing threat of the spread of the COVID-19 Virus, all regular Carbondale Advisory Boards and Commission meetings will be conducted virtually. If you have a comment concerning one or more of the Agenda items please email kmcdonald@carbondaleco.net a by 6:00 pm on July 8, 2020.

If you would like to comment during the meeting please email kmcdonald@carbondaleco.net with your full name and address by 6:00 p.m. on July 8, 2020. You will receive instructions on joining the meeting on line prior to 7:00 p.m. Also, you may contact kmcdonald@carbondaleco.net to get a phone number to listen to the meeting, however, you will be unable to make comments.

<u>TIME*</u>			<u>ITEM</u>	<u>DESIRED OUTCOME</u>
7:00		1.	Roll Call	
7:05		2.	Approval of June 10, 2020 Minutes	INFORMATIONAL
7:10		3.	Items from Citizens Present Not on the Agenda	INFORMATIONAL
7:20		4.	TOC Parks & Recreation Covid-19 Report	INFORMATION (Attachment A)
7:30		5.	Environment Board & Tree Board Labeling Plan progress report	INFORMATION
7:40		6.	Crystal River Restoration & Weaver Ditch Enhancement Project Update Grants Report	INFORMATION DISCUSSION (Attachment B)
8:00		7.	Parks Tour Review for budget priority exercise	INFORMATION DISCUSSION (Attachment C)
8:20		8.	Report & Updates: Staff & Commission Members <ul style="list-style-type: none"> • Eric Brendlinger, Parks & Recreation Director <ul style="list-style-type: none"> ○ 30/60/90 Day Outlook ○ Outstanding Projects Status • Jessi Rochel, Rec Center Manager 	INFORMATION (Attachment D)

			<ul style="list-style-type: none"> • Parks & Recreation Commissioners • Luis Yllanes, Trustee Liaison 	
9:00		9.	Adjournment*	*Please note: Times are approximate



TOWN OF CARBONDALE
511 COLORADO AVENUE
CARBONDALE, CO 81623

Board of Trustees Agenda Memorandum

Item No: 4

Meeting Date: 7/8/2020

TITLE: Parks & Recreation Department's Covid -19 Update

SUBMITTING: Parks & Recreation Department

PURPOSE:

Update on present recreation and park amenities operations and plans for opening other facilities and providing other recreational offerings.

BACKGROUND:

With the Garfield County variance acceptance and the State PHO from the Colorado Department of Health and Environment "Safer at home and in the vast, great outdoors" the Town of Carbondale Parks & Recreation Department is opening up the following recreational amenities with the following guidelines, rules and regulations.

- **CRCC:** Opened on June 1st, with a reservation based time slots for a drop-in fee of \$4.00 or the use of your existing membership and we are still conducting our virtual group exercise classes. The recreation center is open from 8 am to 4 pm, Monday – Friday. Reservable time slots are in hour and a half increments. No showers, changing rooms or lockers will be available to equipment users. Seniors, (62 years and older) and vulnerable populations will have dedicated use times on Monday, Wednesday and Friday from 8-9:30 am. Our reservation system is on our website, https://carbondalerec.activityreg.com/selectactivity_t2.wcs We will be providing a showers only time slot on Tuesdays and Thursdays from 2- to 3:30 as a public shower offering to those in need. Time slots will be for 15 minutes
- **John M. Fleet Pool:** The pool opened to the public on June 23rd with a modified schedule. Tuesday thru Saturday from 7-4 pm. This will be a reservation based system in accordance with the current Covid-19 Public Health Order and Garfield County variance recommendations for aquatics facilities. We will offer lap swim times and family zone reservation times.
- **Special Events** For the month of July, all special events on Town property, streets or parks have been cancelled except for the Farmers Market. Since the Farmers Market is considered an essential food distribution service it will be held with social distancing and group size rules according to the Public Health Order at that time. Mt. Fair will also have some socially distanced events, but nothing to gather large groups. Special event cancellations in July include the First Friday Mt. Sopris Music Fest (will be conducted virtually), 4th of July Parade and Pool Party, the concert of the Summer Park Concert Series, Jaripeo y Baile Mexican Rodeo and the

Carbondale Wild West Rodeo. Looking at how to operate Our Town , One Table . Will decide by the end of July. Looking at allowing the Ranch Roping Event in September at the Rodeo Grounds.

- **Recreation Programs** Will Tempest, Youth and Adult Program Coordinator, has completed the US Forest Service Permit that allows us to conduct our hiking program and we have started our Youth Tennis Lessons and skateboard lessons. Presently all baseball and softball leagues are not taking place.
- **Parks Report:** Utilizing the PHO from the State and Garfield County Health Department variance acceptance, the following amenities are open: tennis and pickleball courts, bike park, dog parks, park playgrounds, picnic shelters, gazebos, and the skate park. These facilities include the baseball and soccer fields, and the outside basketball and volleyball courts and the users must follow the existing protocols, rules and regulations for use. Parks bathrooms are still closed, but each plumbed bathroom park location has porta potty services available. These units are being cleaned twice per week. The Young-Callaway Alpine Bank Pickleball courts are now open at the North Face Park. It is a first come first served access for public play times. Users are asked to limit their play to one hour if others are waiting to access the courts. According to the MOU between the Town of Carbondale and the Roaring Fork Pickleball Association, public play is available EXCEPT during the following RFPA dedicated use times.

Monday, Wednesday, Friday and Saturday

7 am- 11 am {Summer Season}

10 am- 2 pm {Shoulder Seasons}

Tuesday & Thursdays 5 pm- until closure due to darkness.

Designated Court Access for RFPA allows RFPA to determine play protocol depending on who shows up and the level of play. RFPA will manage this and collect a \$10 drop-in fee from non-members during the designated RFPA posted times.

- **Gateway RV Park:** seeing 65% to 80 % occupancy of RV sites. The reservation system is operational and the bath house and showers remain closed. The Gateway RV Park provides power, water and sewer services to each site and has appropriate distancing between the sites. RV's must be self-contained, practice social distancing, and reserve on-line at <http://www.gateway-rv-park.com/Reservations.html>

Prepared By: Eric Brendlinger, Recreation Center Manager

Pitkin County Healthy Rivers Grant \$50,000

PROJECT SUMMARY

Town of Carbondale (Town) with partners Roaring Fork Conservancy (RFC), Aspen Valley Land Trust (AVLT), and American Rivers (AR), is proposing to restore and enhance a one-half mile reach and surrounding 18-acre riparian zone of the Crystal River as it flows through the Town of Carbondale and River Valley Ranch. The project also intends to improve the efficiency of the town owned Weaver Ditch diversion and reduce annual in-channel maintenance. (Please note: This project is separate from the Weaver Ditch surveying that was generously funded by the Pitkin County Healthy Rivers Board. Results from that survey will help inform efficiencies at the Weaver Ditch, along with the instream work associated with this project.)

Project goals:

- 1) Restore the ecological integrity of the riparian zone through streambank stabilization, reconnection of the floodplain, and replace invasive weed communities and plant monocultures with healthy and diverse riparian plant regimes, while preserving healthy bird and wildlife habitat.
- 2) Develop a long term, self-sustaining solution to improve river channel stability, fish habitat and spawning areas by promoting conditions that support and enhance instream biotic structure and diversity.
- 3) Create a self-sustaining diversion and head gate structure for the Weaver Ditch to function as part of the river system while improving the water delivery for the Town of Carbondale and consistent with future ditch improvements and efficiencies
- 4) Enhance passive user experiences of Riverfront Park through interpretive signs, trails, gathering spaces, and educational programs.

Please see the attached "[Preferred Alternative.pdf](#)" for a detailed explanation of the project scope of work.

The project team's current objective is to complete the planning, design, and permitting for the project while simultaneously fundraising for construction. Final design and bid documents are estimated at \$89,958 and interpretive/educational program development at \$15,020, for a total of \$104,978. The project has \$11,233 in funding remaining from previous grant work (details available upon request), leaving \$93,745 to have the project shovel ready. This remaining amount does not include other recently secured funding detailed in section E below. With this request, we are seeking \$50,000 from the Healthy Rivers Board. The requested grant monies will be used to fund the final design based on the current 60% plans, and interpretive and educational program development.

A. Goals of the Healthy Rivers Board

The Town of Carbondale is seeking \$50,000 from the Healthy Rivers and Streams Board towards a project completion budget of \$93,745 for the final phase of Riverfront Park Restoration Project Planning and Design. This project directly meets Healthy Rivers goals to "ensure ecological health, recreational opportunities, and wildlife and riparian habitat" and "maintaining and improving water quality and quantity within the Roaring Fork watershed." The project will restore or enhance instream and riparian habitat in the project reach and make the Weaver Ditch diversion structure a permanent and functional part of the stream. These improvements will benefit fish and wildlife habitat. In addition, the project will

address some anthropogenic impacts to the stream, helping create resiliency within a stream system with extremely high fluctuations between low and high flow.

B. Viability of the Project

In October 2019 the consultant team completed 60% designs and an initial construction cost opinion. These documents are currently serving as a guide to funding final designs and construction. Project partners have already secured \$20,000 in additional planning funds and over \$40,000 in funds committed to construction and implementation, with two grants pending and several other public and private entities expressing interest.

The Town of Carbondale has expressed interest in similar projects on other properties, and there is interest from private property owners along the Crystal as well. As the project reaches the implementation phase, we anticipate being able to use it as a replicable pilot for other properties in the Crystal River and greater Roaring Fork River Watersheds.

This project is a collaborative effort, with the project team (RFC, TOC, AVL, and AR) working closely with Colorado Parks and Wildlife, River Valley Ranch, Trout Unlimited, the angling community, and other stakeholders to ensure the project addresses both ecological and community needs and values.

C. Public Need, Accessibility and Appreciation

The 2016 Crystal River Management Plan identified numerous reaches of the Crystal River whose functional condition has been impaired in regards to floodplain connectivity, riparian vegetation, channel stability, physical structure, and biotic structure. This is the first project of its kind meant to begin implementation of the findings from the Management Plan. This project presents the opportunity to help restore this degraded reach of the Crystal River. As a pilot project, it can serve as an example for future on-the-ground improvements and be a template for the project development process for other impaired reaches of the Crystal River. With increased interest in Crystal River health and restoration from both public and private entities, this project will be a noteworthy example to share and build upon as other reaches are assessed and prioritized for action.

This reach of the Crystal River is accessible to the public and used by Roaring Fork Valley residents and visitors for fishing access, bird watching, and nature walks. Located within walking distance of five Carbondale schools, this project presents a great opportunity for local children to experience engaging educational trails and thoughtfully designed gathering places that will explore the project's restorative elements and natural assets without compromising the wildland nature of the park. This project will not only enhance the quality of instream and riparian habitat at Riverfront Park, it will also turn the community's eyes towards its river. We are poised to leverage that attention to increase passive recreational access, nature exploration, educational opportunities, and our community's general awareness and connection to the Crystal River as it flows through the Town of Carbondale.

The planning process has followed a similar process to the one used in the Crystal River Management Plan. The project's stakeholder group has been involved early and often, guiding the project through its development process. The project team hosted two public meetings to gather and then incorporate feedback into a preferred alternative design. The public meetings were critical in giving the community a voice in the design phase - making community values a key part of the planning process and ensuring the end result is one that aligns with local ideals.

D. History of the Requesting Party

The Town of Carbondale is the lead project sponsor. The Town manages three water treatment facilities, a wastewater treatment plant, operates three raw water ditches (Carbondale, Weaver, Bowels and Holland), holds water rights in the Lowline ditch, and is a significant shareholder in the Rockford Ditch.

Since 2007 the Town has undertaken several projects to reduce its impact on the valley's waterways. These projects included upgrade to the Town's wastewater treatment facility, which has improved the effluent discharge into the Roaring Fork River upstream of the confluence with the Crystal River. The Town also performed surveys upstream and downstream of the discharge point with nutrient analysis and macro invertebrate studies; and participated in field investigations cooperatively with the State and RFC.

The town-operated ditches have become a focal point for the community. To obtain better flow data (measured daily), the Town replaced flumes on the Carbondale and Weaver ditches, adjusts the headgate when possible to modify flow according to demand, and monitors tailwater outflows. The Town has a designated ditch rider on-call throughout the irrigation season. Efficiency measures are ongoing and implemented as projects emerge. The town has completed a survey of the Weaver Ditch (funded by Pitkin County Healthy Rivers as part of a separate project), the first step which, along with this project will ready the Weaver ditch system for a telemetry-based operation. The upgraded system will incorporate modulation of the diversion head gate based on push flow and actual demand. Successful implementation will provide a model for improving the efficiency of the other Town ditches and other diversions throughout the basin, watershed, and potentially the state.

The Town has been actively involved in the water community through the Regional Water Efficiency Plan, Carbondale Municipal Water Efficiency Plan, The Roaring Fork Watershed Plan, Carbondale Source Water Protection Plan, and Crystal River Management Plan. Other organizations include the Garfield County Water Forum, Watershed Collaborative, NWCCOG QQ, Colorado Public Health and Environment Water Quality Control Division. Tours of Town's water treatment plants are available to area schools and Town staff tours the ditch system annually with Fork with RFC annually.

E. Budget, Measurements and Accountability

The Town of Carbondale is requesting \$50,000 of \$93,745 needed to complete the final planning and interpretive design of the Riverfront Park Restoration Project.

Project Budget:

- Fee Estimate for Final Design and Bid Documents- \$89,958
- Fee Estimate for Interpretive/Education Program Development - \$15,020
- Total remaining planning funds needed - \$104,978
- *Remaining Funds Available from prior grants - \$11,233*
- **Total remaining funding required - \$93,745**

Other secured funding sources:

- Town of Carbondale - \$10,000
- Hause Family R3 Fund - \$10,000

- **Funds required minus other secured funding sources - \$73,745**

Other requests:

- Aspen Skiing Company's Environment Foundation - \$10,000 (pending)
- **Funds Required minus other secured funding sources and pending requests - \$63,745**

The Town will report to the Pitkin County Healthy Rivers Board upon completion of the planning phase- anticipated by the end of 2020. The Town of Carbondale and/or other project team members will be available to answer questions, tour the site, and provide additional information for Healthy Rivers Board members upon request.



FISHING IS FUN APPLICATION FORM

1. Application Form
2. Signature Page

The following application form is available on the Fishing Is Fun website at
<https://cpw.state.co.us/aboutus/Pages/FishingIsFunProgram.aspx>

An electronic version can be obtained by contacting the Fishing Is Fun Program
Coordinator at jim.guthrie@state.co.us



FISHING IS FUN APPLICATION FORM

PLEASE USE THIS FORM AND FILL IN ALL SECTIONS!

PROJECT SPONSOR
Name: Town of Carbondale
Type of Business: Municipality/Government
Mailing Address: 511 Colorado Ave. Carbondale, CO 81623
Project Contact(s) & Title: Jay Harrington, Town Manager Mark O'Meara, Utilities Director
Phone/Email: 970-963-2733 jharrington@carbondaleco.net momeara@carbondaleco.net
FISHERY
Type: Crystal River
Acres of Water/Miles of Stream Benefited: 0.5 miles
Type of Access: Walk/Wade, Float
PROJECT COSTS
Amount of Fishing Is Fun funding requested: \$30,000
Amount of project sponsor match: Cash = \$10,000 In-kind = \$5,000 TOTAL = \$15,000
PROJECT DESCRIPTION
Name: Crystal River Restoration Project at Riverfront Park
Purpose and Need: Riverfront Park lies between the Carbondale Fish Hatchery and Crystal Bridge Drive. This reach of the Crystal River was identified by the 2016 Crystal River Management Plan has been severely to unsustainably impaired (http://www.roaringfork.org/media/1352/crmp_noappendix_bleeds.pdf). This project aims to restore ecological integrity, improve channel stability, create a low-maintenance Weaver Ditch diversion structure, and enhance the passive user experience of the adjacent wildland park.

Objective(s):

- 1) Restore the ecological integrity of the riparian zone through streambank stabilization, reconnection of the floodplain, and replace invasive weed communities and plant monocultures with healthy and diverse riparian plant regimes, while preserving healthy bird and wildlife habitat.
- 2) Develop a long term, self-sustaining solution to improve river channel stability, fish habitat and spawning areas by promoting conditions that support and enhance instream biotic structure and diversity.
- 3) Create a self-sustaining diversion and head gate structure for the Weaver Ditch to function as part of the river system while improving the water delivery for the Town of Carbondale and remaining consistent with future ditch improvements and efficiencies
- 4) Enhance passive user experiences of Riverfront Park through accessible ramps, interpretive signs, trails, gathering spaces, and educational programs.

Approach (Work Plan):**Planning and Design:**

Conceptual and preliminary designs were developed through an extensive series of stakeholder meetings and site visits with various public and private agencies and organizations. The preferred alternative presented as part of this application was review and selected by the Stakeholder group, which includes the Town of Carbondale, Roaring Fork Conservancy, Aspen Valley Land Trust, American Rivers, and Colorado Parks and Wildlife.

The project team completed the preliminary (60%) planning and design stage in October 2019. The Town of Carbondale has starting the fundraising process for construction. Permit approval from US Army Corps of Engineers is anticipated for late summer 2020 and construction bidding is scheduled to take place in early 2021 (dependent on fundraising).

Construction:

The Crystal River Restoration Project has numerous project elements to achieve the project's objectives. These improvements include:

- Instream work is focused on the lower 1600 feet of the river channel through the project reach. This stretch includes the Weaver Ditch diversion structure, which will be modified to reduce in-channel maintenance needs and improve channel stability issues associated with semi-annual push up dam construction. Below the diversion the thalweg will be re-established to provide low flow connectivity for fish. Re-establishing a thalweg and reducing an annual occurrence of channel bed and bank de-stabilization will return the river to a more natural state with a deeper low flow channel and adjacent gravel bar. Habitat boulders will be placed in the channel and along the banks to create more structure and variability. More healthy sections of the Crystal River upstream and downstream of the project reach were used as a reference. *(this portion of the Project is not funded by this request)*
- Approximately 900 feet of stream bank will be restored, primarily through regrading and planting. Specific sections will be rebuilt with boulder steps to create access points for anglers and other river users. The access points will connect with an interpretive/education focused trail system. *(this portion of the Project is not funded by this request)*
- Riparian improvements will focus on removing invasive species while retaining vegetation in functional habitat areas. The project team has worked with the Roaring Fork Audubon Society to develop a riparian restoration plan that provided nesting and habitat for the various bird species that visit or reside in Riverfront Park. *(this portion of the Project is not funded by this request)*
- The project will make improvements for accessibility to Riverfront Park, allowing visitors of every ability to access the Crystal River. The improvement will make Riverfront Park the only

accessible Crystal River frontage within the Town of Carbondale. The accessible ramp off Crystal Bridge Drive will lead to a rustic gathering area with direct access to the Crystal River. This area is intended to also serve as an outdoor classroom for the five nearby schools, helping to create the community's future river stewards. **(this portion of the Project IS funded by this request.)**

Expected Results & Benefits:

Riverfront park improvements will increase riparian vegetation, with benefits of shading, bank stabilization and beneficial biotic material added to the stream. Dedicated angler access points will allow anglers to fish while maintaining adjacent restored riparian areas. The classroom and accessible ramp will allow community and school groups the opportunity to access the river and interpretive trails.

Through site visits and a discussion with stakeholders, two locations have been identified for outdoor classroom and public gathering spaces (see attached "Preferred Alternative" map), one at the north end of the park near Crystal Bridge Drive and one at the south end of the park.

North end near Crystal Bridge Drive: The area along the riverbank is degraded, reducing impacts to healthy riparian areas elsewhere. Optimally, gathering space would be placed along the bank with multiple access points down to the river to provide visitors with an opportunity to access the river and bank. This access could serve as an educational opportunity and for recreational opportunities such as angling. This gathering space could also serve as an area to inform the public about regulations or special information about the park. This site is the most ideal for a universally accessible gathering space.

South End: The second public gathering space will be near the existing cottonwood grove at the south end of the park. This space will be more focused on the wetland and upland areas of the park. This location also has the potential to serve as a smaller outdoor classroom with seating, shade and interactive interpretive elements.

Many interpretive elements have already been introduced to the site. The proximity to schools, residential neighborhoods, and existing trail networks such as the Crystal Valley Trail create an ideal opportunity for educational and interpretive elements that could reach a large and diverse segment of the community. The project will include expanding and updating the current interpretive materials to make them more accessible and interactive.

Every site has a unique story to tell and this parcel is no exception. Identifying additional interpretive opportunities and communicating a larger, more engaging story is a goal moving forward. The proposed new amenities would link together places on the site to help create a unique narrative.

Currently the Project Area supports many passive recreation activities such as angling, walking, hiking, bird watching, picnicking, and nature play. All these activities will be enhanced by improving, updating and programming the Project Area. A dual benefit of the enhancements is their ability to protect the restored ecology by directing people into areas specifically designed for recreation and intentionally directing people away from ecologically sensitive areas.

Angling opportunities would be greatly improved by the completed riverbank restorations and in-stream restorations. Fishing and fishing access will also be significantly enhanced by formalizing river access points to places along the bank which are safe, stable and offer unique opportunities to interact with the river.

Walking and hiking through the site will be improved by trail improvements and upgraded access. Hiking and walking offer low impact exercise to many people. The gentle grade of the Project Area makes this site ideal for people of many ability levels and provides access to a wide range of ages, interests, abilities, and fitness levels.

The existing bird watching opportunities on the site have the potential to be expanded. Wetland and riparian areas host some of the greatest bird life of any ecosystem type. The ecological restorations will improve the habitat for bird populations and provide birding enthusiasts with an incredible in-town amenity. Focusing on bird watching as a major element of recreation on the site will encourage users to protect the ecosystem and respect the Project Area.

Finally picnicking, nature play and exploration are recreation objectives that can be easily met by formalizing public gathering areas. A focus on these types of recreation gives families, school groups and people of all ages a passive and enjoyable way to experience the natural environment. These elements can easily and imaginatively be incorporated through seating, shade and interactive interpretive elements.

In addition, upon completion the Weaver Ditch diversion structure will function as a stable part of the stream, requiring less in-channel maintenance. The project will add a maintenance access point, so when work is needed, access is right at the head gate, rather than driving an excavator nearly a half mile up the streambed at low water. The channel downstream of the diversion is currently flat and over-widened due to increased sediment loading. During low flow periods this section becomes a barrier for fish passage. The project improvements will reduce several local sediment sources and re-establish a thalweg, providing connectivity at lower flow. The in-channel improvements will also include several small fish habitat structures.

Bank improvements will increase bank stability, reduce bank heights, and re-establish riparian vegetation. These changes will provide shade and in-stream structure for fish.

See the included drawings for a better picture of the proposed improvements.

Project Budget: \$109,838.29 (Accessible Ramp and Outdoor Classroom)							
Work Item	Work Activity	Unit of Measurement	Quantity	Cost Unit	Total Cost (\$109,838.29)	Local Share (\$79,838.29)	Federal Share (\$30,000.00)
1	Concrete Path	SF	1,137	\$ 13.80	\$ 15,690.60	\$ 10,690.60	\$ 5,000.00
2	In-Channel Boulder	TON	39	\$ 149.50	\$ 5,873.69	\$ 2,873.69	\$ 3,000.00
3	Timber Walls	LF	210	\$ 57.50	\$ 12,075.00	\$ 7,075.00	\$ 5,000.00
4	Concrete Stairs	LF	35	\$ 41.40	\$ 1,449.00	\$ 949.00	\$ 500.00
5	Steel Handrail	LS	1	\$ 3,450.00	\$ 3,450.00	\$ 1,450.00	\$ 2,000.00
6	Beam-stone Walls	LF	300	\$ 218.50	\$ 65,550.00	\$ 53,550.00	\$ 12,000.00
7	Boulder Seats	EA	10	\$ 575.00	\$ 5,750.00	\$ 3,250.00	\$ 2,500.00
BREAKDOWN OF LOCAL SHARE							
(Attach work sheet using format provided)							
Currently the Town of Carbondale has committed \$10,000 in cash plus additional in-kind funds to the overall construction budget. All other matches are pending the application and securement of future grants and donations.							
PROPOSED WORK SCHEDULE							
Design and Permitting – Spring through Fall 2020 Fundraising – Spring 2020 through Spring 2021 Bid and Construction – Summer through Fall 2021							
ANGLER/MOTOR BOAT USE							
Present Angler Use: 2/day during peak season (June-Sept)							
Estimated Angler Use after Project Completion: 6/day during peak season							
Present Motor Boat Use: None							
Estimated Motor Boat Use after Project Completion: None							
Present Handicapped Angler Use: None							
Estimated Handicapped Angler after Project Completion: 2/week during peak season* *There are several local organizations that serve people with different abilities who will potentially use the site including schools, Ascendigo Autism Spectrum Services, and Challenge Aspen							
ENGINEERING							
Name:							

RiverRestoration.org, LLC – consulting engineering firm based out of Carbondale, Colorado.
Jason Carey, PE – Principal Engineer and Managing Member

Qualifications:

River Engineering Firm with over 90 completed stream and river projects. The firm consists of 7 staff members (4 registered Professional Engineers) with a combined 75 years of experience working in rivers of the mountain west.

MAINTENANCE (Responsible Party)

Name: Town of Carbondale
Jay Harrington, Town Manager

Contact Information:
970-963-2733
jharrington@carbondaeco.net

PROJECT SITE

Location of Project: Carbondale, CO
Crystal River
39.3847° North, 107.2068° West

Property Owner: Town of Carbondale

Legal Instrument:

MAIN CDOW CONTACT(S)

Name, title, phone number (e.g., District Wildlife Manager, Aquatic Biologist):

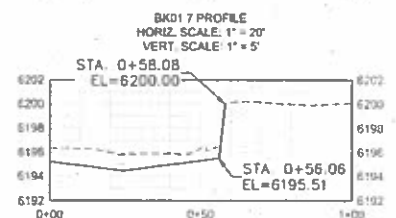
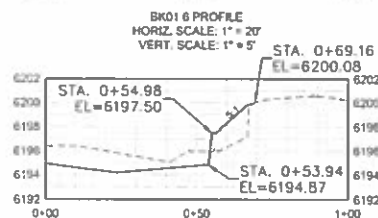
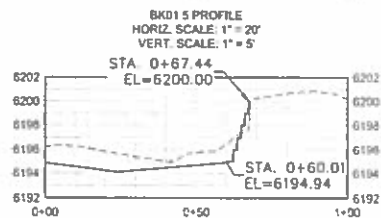
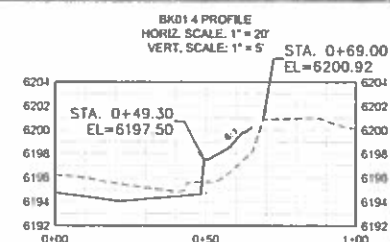
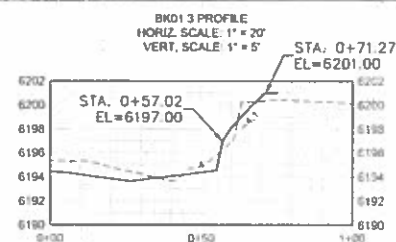
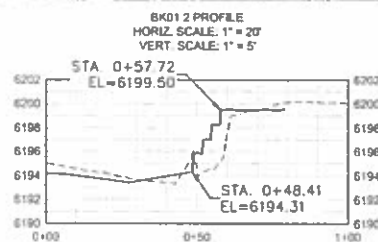
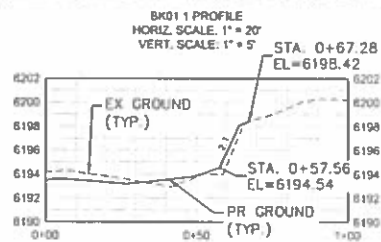
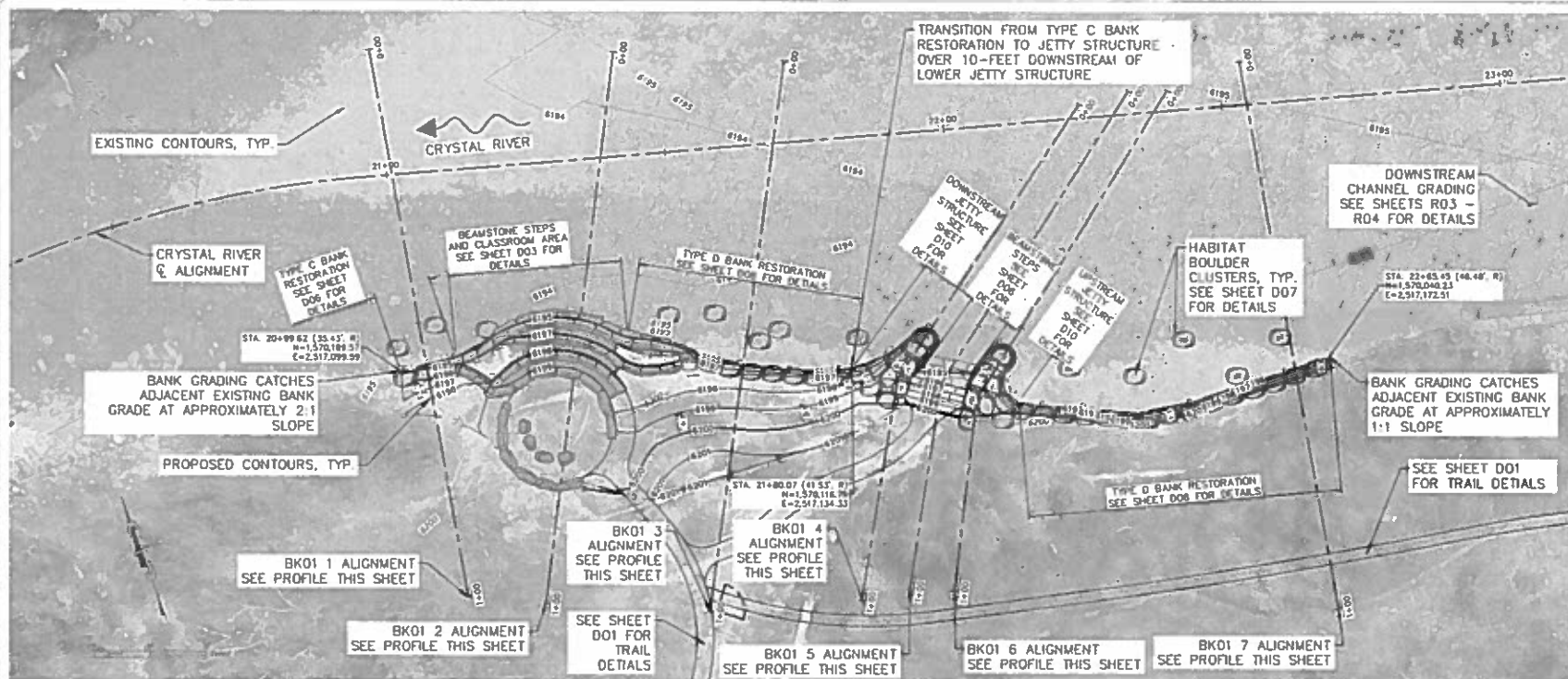
- 1) Kendall Bakich, Aquatic Biologist
P. 970.947.2924
- 2) John Groves, District Wildlife Manager
970.947.2924

Attachments:

Preferred Alternative Report
Relevant 60% Design Drawings

**PREFERRED ALTERNATIVE
RESTORATION AND PROGRAMMING
CONCEPTUAL MASTER PLAN**





EXISTING GRADE	---
PROPOSED GRADE	---

PRELIMINARY

CRYSTAL RIVER RESTORATION AND
WEAVER DITCH EFFICIENCY PROJECT
BANK RESTORATION STA 21+71.00 -
PLAN AND SECTIONS

No.	REVISION/UPDATE	Date

CLIENT NAME AND ADDRESS

CRYSTAL RIVER

For Restoration Project, LLC
1010 S. 4th St.
Tampa, FL 33603
www.crvrdesign.com

DESIGN NAME AND ADDRESS

DHW DESIGN

3111 N. 1st St. Suite 102
Columbus, GA 31906
706.943.8320
www.dhwdesign.com

PROJECT NAME AND ADDRESS

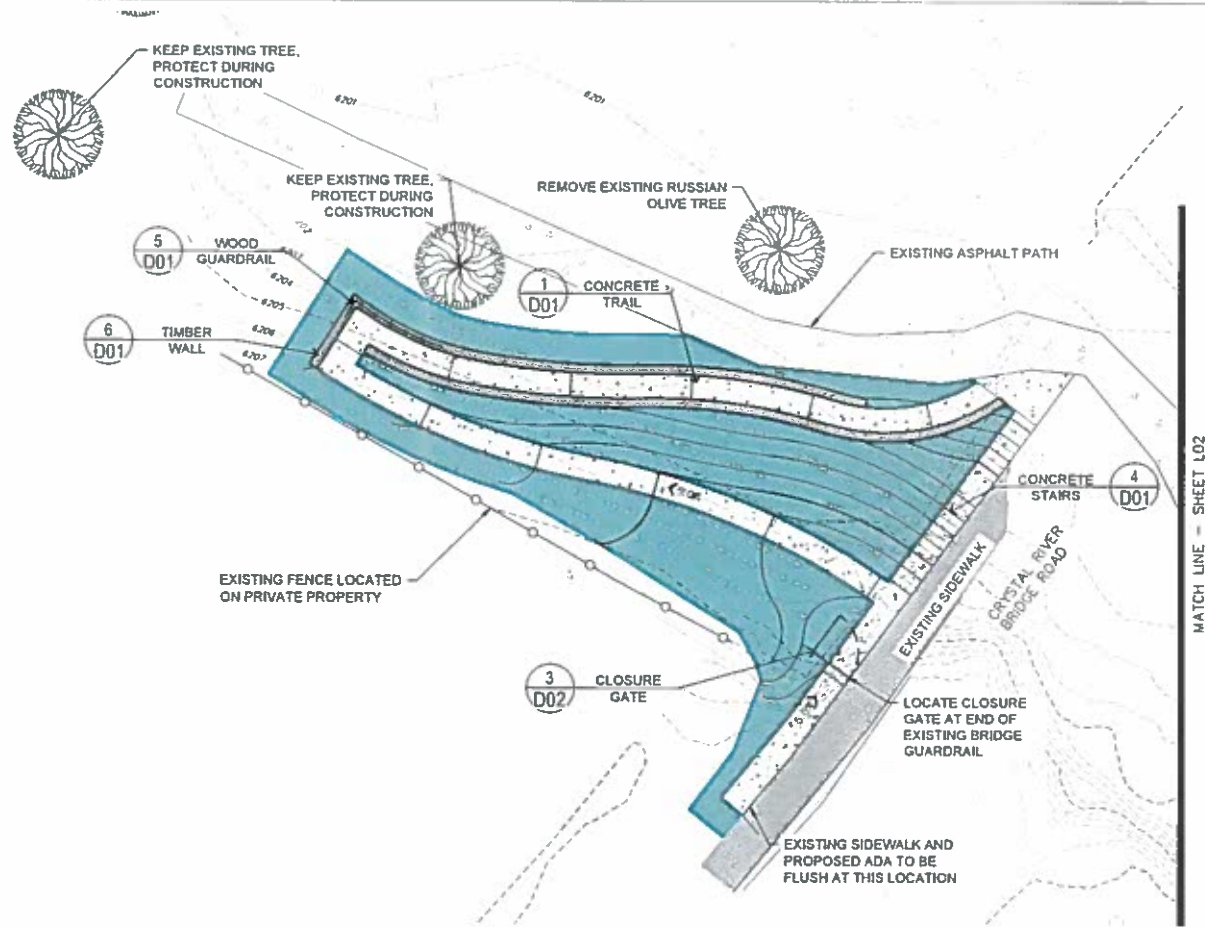
Crystal River Restoration
3111 N. 1st St. Suite 102
Columbus, GA 31906
706.943.8320

Project: **3504**

Date: **OCT 2019**

Sheet: **BK01**

PRELIMINARY DESIGN - NOT FOR CONSTRUCTION



CONSTRUCTION NOTES

- SEE SHEETS D01-D05 FOR PLANTING AND SEEDING LISTS, AND PLANTING DETAILS



PRELIMINARY

CRYSTAL RIVER RESTORATION AND WEAVER DITCH EFFICIENCY PROJECT ACCESSIBLE RAMP

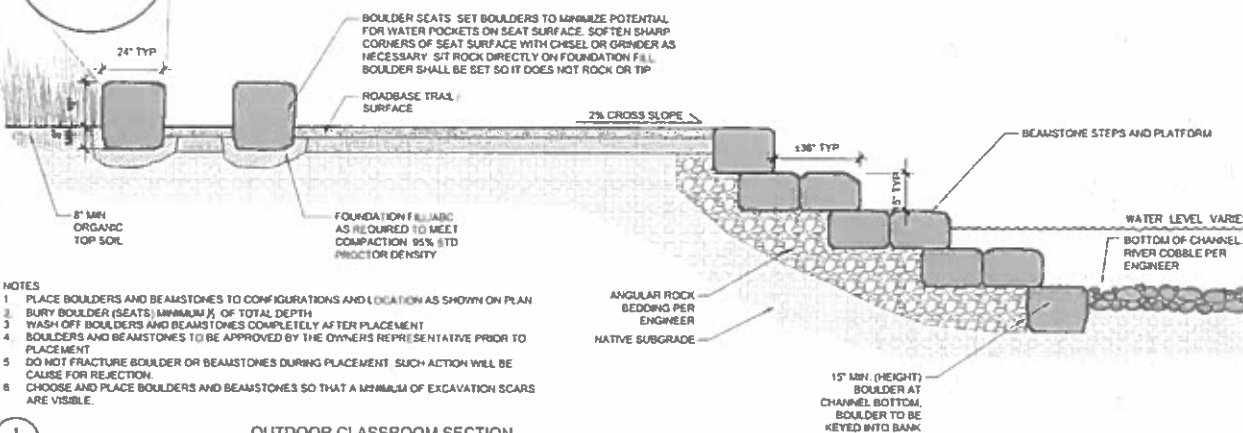
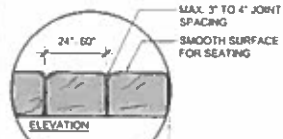
No.	REVISION/UPDATE	Date



CRYSTAL RIVER
 1000 N. Highway 19, Suite 100
 Crystal River, FL 34429
 Phone: 352.891.1234
 Fax: 352.891.1235
 www.cityofcrystalriver.com

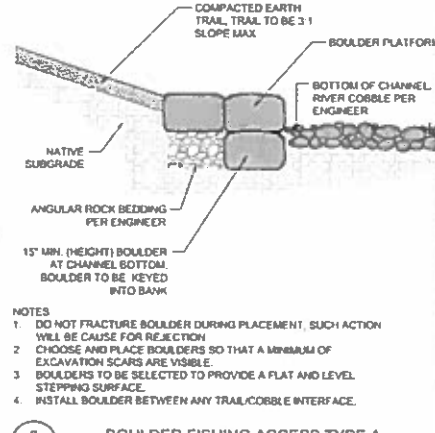
DHW DESIGN
 1111 Kanan St., Suite 102
 Crystal River, FL 34429
 Phone: 352.891.1234
 Fax: 352.891.1235
 www.dhwdesign.com

Project:	SAC049	Sheet:	L01
Date:	OCT 2019		



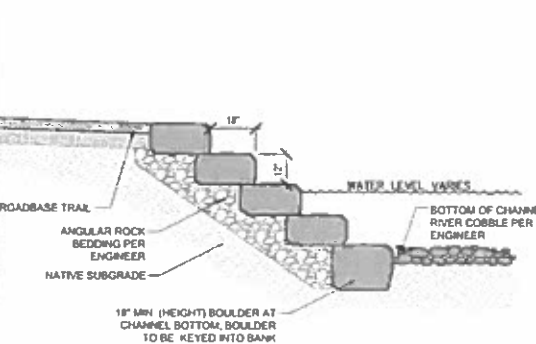
- NOTES
1. PLACE BOULDERS AND BEAMSTONES TO CONFIGURATIONS AND LOCATION AS SHOWN ON PLAN
 2. BURY BOULDER (SEATS) MINIMUM 1/2 OF TOTAL DEPTH
 3. WASH OFF BOULDERS AND BEAMSTONES COMPLETELY AFTER PLACEMENT
 4. BOULDERS AND BEAMSTONES TO BE APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLACEMENT
 5. DO NOT FRACTURE BOULDER OR BEAMSTONES DURING PLACEMENT. SUCH ACTION WILL BE CAUSE FOR REJECTION.
 6. CHOOSE AND PLACE BOULDERS AND BEAMSTONES SO THAT A MINIMUM OF EXCAVATION SCARS ARE VISIBLE.

1 D03 OUTDOOR CLASSROOM SECTION SCALE: 1/2" = 1'-0"



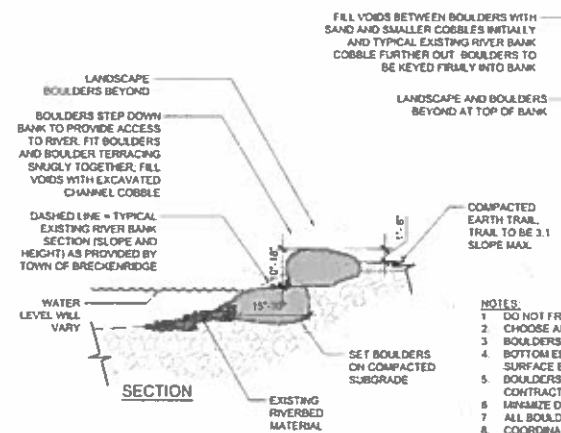
- NOTES
1. DO NOT FRACTURE BOULDER DURING PLACEMENT, SUCH ACTION WILL BE CAUSE FOR REJECTION
 2. CHOOSE AND PLACE BOULDERS SO THAT A MINIMUM OF EXCAVATION SCARS ARE VISIBLE.
 3. BOULDERS TO BE SELECTED TO PROVIDE A FLAT AND LEVEL STEPPING SURFACE.
 4. INSTALL BOULDER BETWEEN ANY TRAIL/COBBLE INTERFACE.

2 D03 BOULDER FISHING ACCESS TYPE A SCALE: 1/2" = 1'-0"



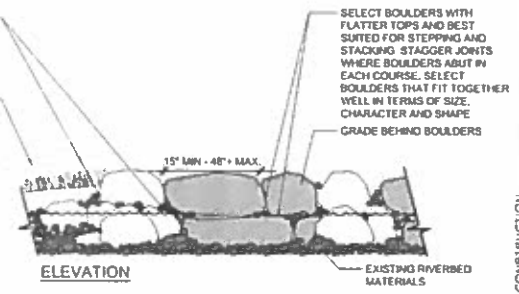
- NOTES
1. PLACE BEAMSTONES TO CONFIGURATIONS AND LOCATION AS SHOWN ON PLAN
 2. WASH OFF BEAMSTONES COMPLETELY AFTER PLACEMENT
 3. BEAMSTONES TO BE APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLACEMENT
 4. DO NOT FRACTURE BEAMSTONES DURING PLACEMENT. SUCH ACTION WILL BE CAUSE FOR REJECTION.
 5. CHOOSE AND PLACE BEAMSTONES SO THAT A MINIMUM OF EXCAVATION SCARS ARE VISIBLE

3 D03 BEAMSTONE FISHING ACCESS SCALE: 1/2" = 1'-0"



- NOTES
1. DO NOT FRACTURE BOULDER DURING PLACEMENT, SUCH ACTION WILL BE CAUSE FOR REJECTION
 2. CHOOSE AND PLACE BOULDERS SO THAT A MINIMUM OF EXCAVATION SCARS ARE VISIBLE.
 3. BOULDERS TO BE SELECTED TO PROVIDE A FLAT AND LEVEL STEPPING SURFACE.
 4. BOTTOM ELEVATION OF BOULDER TERRACE TO BE ESTABLISHED IN FIELD PER ACTUAL RIVER WATER SURFACE ELEVATION AT THE TIME OF CONSTRUCTION.
 5. BOULDERS FOR TERRACING TO BE SELECTED AND TAG BY LANDSCAPE ARCHITECT IN COORDINATION WITH CONTRACTOR AND TOWN
 6. MINIMIZE DISTURBANCE TO SURROUNDING AREAS WHEN PLACING BOULDERS
 7. ALL BOULDERS TO BE PLACED FIRMLY AND SECURELY INTO BANK.
 8. COORDINATE PROPOSED LAYOUT AND PLACEMENT OF BOULDERS AND STONE STEPS IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO AND DURING INSTALLATION.

4 D03 BOULDER FISHING ACCESS TYPE B SCALE: 1/2" = 1'-0"



ELEVATION BOULDER FISHING ACCESS TYPE B SCALE: 1/2" = 1'-0"

PRELIMINARY

CRYSTAL RIVER RESTORATION AND
WEAVER DITCH EFFICIENCY PROJECT
UPLAND IMPROVEMENT AND
RIVER ACCESS DETAILS

REV	REVISION/UPDATE	DATE
1	ISSUED FOR PERMIT	08/11/2019
2	ISSUED FOR PERMIT	08/11/2019
3	ISSUED FOR PERMIT	08/11/2019
4	ISSUED FOR PERMIT	08/11/2019
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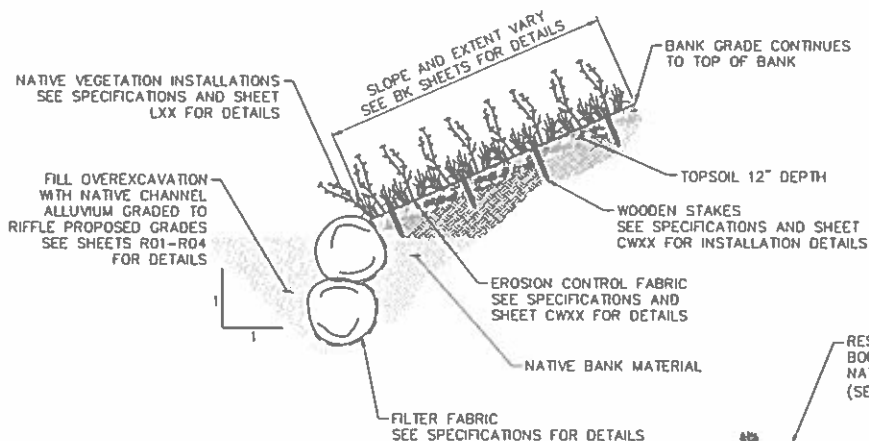


CRYSTAL RIVER RESTORATION
AND WEAVER DITCH EFFICIENCY PROJECT
UPLAND IMPROVEMENT AND
RIVER ACCESS DETAILS

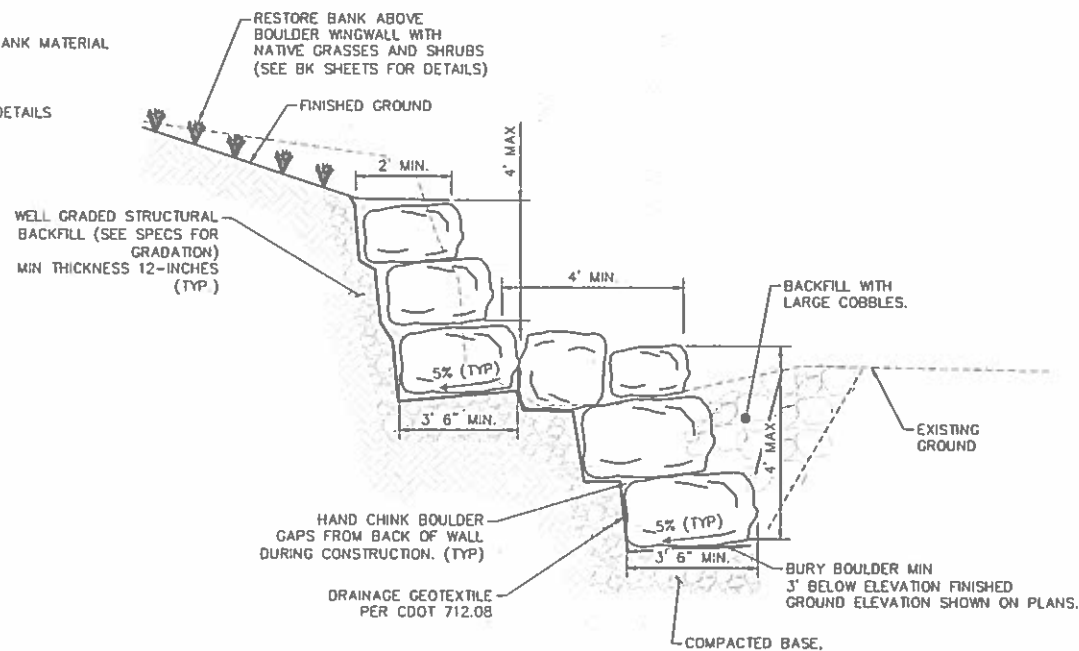
30047
OCT 2019
D03
NOT TO SCALE

PRELIMINARY

CRYSTAL RIVER RESTORATION AND
WEAVER DITCH EFFICIENCY PROJECT
BANK RESTORATION DETAILS



1 BANK RESTORATION - TYPE "C"
D06 N.T.S.



2 BANK RESTORATION - TYPE "D"
D06 N.T.S.

PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

REV	REVISION/PURPOSE	DATE
<p>CLIENT NAME AND ADDRESS</p> <p>CRYSTAL RIVER</p> <p>111 Main St. Suite 102 Crystal River, FL 34429 Phone: 352.875.1111 www.dhwdesign.com</p>		
<p>PROJECT NAME AND ADDRESS</p> <p>Crystal River Restoration 111 Main St. Suite 102 Crystal River, FL 34429 Phone: 352.875.1111 www.dhwdesign.com</p>		
Project	35204	Sheet
Date	08/20/18	D06
Scale	1" = 10'-0"	



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RESILIENT COMMUNITIES



Nature Kids Discovery Zone in Lafayette. Photo by moxie82inc.

In response to the unprecedented disruption caused by the COVID-19 pandemic, Great Outdoors Colorado (GOCO) is launching a one-time, \$15 million Resilient Communities Program to help partners advance outdoor recreation, stewardship, and land protection projects in a manner that best reflects community needs and priorities at this moment in time. Through the Resilient Communities Program, GOCO will fund one-time, immediate needs or opportunities that have emerged in direct

OUR GRANT PROGRAMS

WHO WE FUND

WHAT WE'VE FUNDED

APPLICANT RESOURCES

APPLY FOR A GRANT

CONSERVATION SERVICE CORPS

CPW DIRECTOR'S INNOVATION FUND

GENERATION WILD

RESILIENT COMMUNITIES

RESTORE COLORADO

1900 Grant St, Ste 725, Denver, CO 80203

303.226.4500

info@goco.org

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2020-2021 GRANT CALENDAR

GOCO adopted a new strategic plan in June 2020. In implementing it, we will take a values-based approach to grantmaking and a community-centered approach to how we engage with partners and stakeholders to create new levels of connectivity between people and places.

During fiscal year '21, which runs from July 1, 2020 to June 30, 2021, we will be working to develop programs and align our staffing structure to the new approach before launching a refreshed program portfolio in July 2021.

In the interim, given the tremendous need and uncertainty resulting from the COVID-19 pandemic, GOCO is offering a Resilient Communities Program, which will focus on strengthening partner capacity to support conservation, recreation, and stewardship projects. Through this multi-phase program, we will work alongside you, our partners, to advance our shared values in the outdoors, while investing in the resiliency and sustainability of our network and state.

Because this program is different from grant programs GOCO has offered in recent years, programs staff is available and eager to discuss this framework and how your current and anticipated projects fit within it.

Resilient Communities Program

RFP available on a rolling basis beginning July 1, 2020. Staff will work with grant applicants to select an appropriate application period.

Round 1

Proposals due July 17, 2020 for a decision
August 4, 2020

Round 2

Proposals due August 7, 2020 for a decision
September 10, 2020

Round 3

Proposals due October 16, 2020 for a decision
November 17, 2020

Round 4

Proposals due February 2020 for a decision
March 2021

Conservation Service Corps Program

Application posted: July 31, 2020

Applications due: September 17, 2020

Grants awarded: December 10, 2020

RESTORE Colorado Program

Application posted: August 3, 2020

Applications due: October 5, 2020

Grants awarded: March 2021

Carbondale P & R Outstanding Projects	7/8/2020	Completed	30 days	60 days	90 days
Red Hill Signage (design of trailhead kiosk for spring installation)		Completed	Install Logos of partners	Kiosk design work	Trailhead Build
Red Hill Road Realignment and parking lots and trailhead			Start date May 18	Construction 8 week project	RFP for TH Kiosk and bathroom construction
RVR Triangle Park Playground Equipment			completed	hill slide construction pending	
Orchard Park Playground Replacement Project			Approvals and ordering	Shipping	Construction
RVR Park Weed Management - can/will they adopt Town weed plan					
CIWMP- Approval for 2020 weed mitigation strategies			implementing	implementing	implementing
Nuche Park - Parking & Signage			Funded 2020. BECA 3/15	Fence Permit and approval	Construction
Updated Highlighted Chart of Master Plan		Completed on Website		https://www.carbondalerec.com/rec-misc/master-plans/	
Curtains in women's restroom at Gianinetti Park and Miners			Gianinetti Completed	Installing in Miners	installing in Miners
Sopris Park & other playground equipment painting			Painting	painting	painting
Status of Pickleball Courts as we move into spring		Completed	Fencing ,nets, surface, paint	irrigation re design	completed
FMLD Gianinetti Park playground renovation		awarded	solicit bids & painting	ordering and shipping	Installation
FMLD Colorado Meadows Park Playground renovation			Grant due August	Award notification Oct	Implementation spring 2021
Electric Work at RV Park			Phase 2 complete	Contract Lassiter Electric phase 3	Budget item 2021
Electric work at Rodeo Grounds			final hook up/inspection	completed before August	High County Electric
Aquatics Facility Master Plan			survey data compilation	Survey data presentation	design decisions, cost exercise and 2nd survey
Batting Cage at Bill Hanks			purchased and arrived	Permitting and approval	Installing
Mobile Stage Delivery		contracted	production stalled	production completed	Pick-up if covid allows Canadian Customs
Crystal River Restoration and Weaver Ditch Efficiency Project			80% designed	Permitting and final design	grant writing for construction
MEM Project Report			Compiling research and survey data	F & F map creation, history compilation	Presentation data summary report
Completed					
In Progress					
Need to check on status					
2020-21 proposed project					