AGENDA ITEM or FINAL CONTRACT REVIEW SUBMITTAL FORM

Agenda Item: Grant Application Approval; Shady Island Project

Action Requested: Board of County Commissioners' Signature

Parties to the Agreement:

Term Begins: **Term Ends:** **Grant Contract #:**

Summary:

Approval from BOCC to apply for Upper Gunnison & Fishing is Fun grants

Fiscal Impact:

Submitted by: Liz Mense for R. Sabbato & C. Pagano **Submitter's Email Address:** EMense@gunnisoncounty.org

Finance Review: (●) Required ( ) Not Required

Comments:
I have no concerns on these applications and match requirements. Our 2019 budget will be revised depending on total grants received and other donor contributions once finalized. ln

Reviewed by: GUNCOUNTY1\lNienhueser Discharge Date: 3/14/2019

County Attorney Review: (●) Required ( ) Not Required

Comments:
ok db 3/13/19

Reveiwed by: GUNCOUNTY1\dBaumgarten Discharge Date: 3/13/2019 Certificate of Insurance Required Yes ( ) No (●)

County Manager Review:

Comments:

Reveiwed by: GUNCOUNTY1\mbirnie Discharge Date: 3/15/2019

(●) Consent Agenda ( ) Regular Agenda ( ) Worksession Time Allotted: 0

Agenda Date: 3/19/2019

Revised April 2015

Gunnison County Community
Development Department
Offices of Planning, Building and Environmental Health
221 N. Wisconsin St., Ste. D
Gunnison, CO 81230
Phone: (970) 641-0360 Fax: (970)641-8585

March 12, 2019

TO: **Board of County Commissioners**
Matthew Birnie, County Manager
David Baumgarten, County Attorney

FROM: **Rachel Sabbato**
Planner II

SUBJECT: **Grant approval for Shady Island**

Currently the Community Development staff is pursuing two grants to assist with funding the Shady Island River Park project.

The first is a grant request of $40,000 from Upper Gunnison River Water Conservancy District allocated toward the phase one development costs of a new public water supply and sewer lines for the public bathrooms.

The second grant request of $215,000 is from CPW, Fishing is Fun. This funding is allocated toward phase one development costs including a new well, sewer lines, boat ramp prep and paving, underground utilities, in-stream and fish habitat improvements and the first bathroom.

Your approval of these grant applications will assist in ensuring that the Shady Island River Park project continues to progress.

Thank you,

Rachel Sabbato
Planner II

UPPER GUNNISON RIVER WATER CONSERVNCY DISTRICT
2019 GRANT APPLICATION

Date Received (for UGRWCD use only):_____

Project Title: Shady Island River Park Project

Applicant: Gunnison County

Contact Information:
Name: Cathie Pagano **Address**: 221 N. Wisconsin #D
Gunnison, Co. 81230

Phone: 970-641-7985 **Fax:** 970-641-8585 **Email**: cpagano@gunnisoncounty.org

Estimated Start and Completion Date: Permitting 6/19, Construction 8/19. Final completion of proposed work for this grant 11/20. Total project completion 11/21.

Total Project Cost: >$1.3 million (Phase 1 and Phase 2). See the detailed Xcel budget at the last page of this application.

Amount of Funding Request: $40,000

Budget and Schedule:

Task	Description	Start Date		Completion Date	UGRWCD Funds	Other Funding Cash	Other Funding In-Kind	Total
1.	Phase 1 Planning, public engagement	6/18		10/18		$30,000 GOCO Grant		$30,000
2.	Phase 1 development of new water supply	5/19		11/19	$20,000	$25,000		$45,000
3.	Phase 1 measures to improve instream water quality- bathroom	9/19		11/20	$20,000			$20,000
4.	Phase 2 Instream improvements and restoration	9/19		11/20		$50,000 CWCB Restoration		$50,000
5.	Construction-electric utility	1/19		11/20		$30,000 MetRec		$30,000
6.	Nature paths/signage	6/20		11/20		$10,000 Trout Unlimited		$10,000
7.	Land Use permitting and public process	5/19		11/19		$25,000 County		$25,000
	Column Totals				$40,000	$145,000		$210,000

Project Description: Gunnison County purchased a 10-acre parcel less than one mile north of the City of Gunnison in 2017. The parcel, known as Shady Island, will provide access to and use of the Gunnison River for residents and visitors. The parcel was approved in 2006 for a sixteen-lot residential subdivision development. Currently, river users access the Gunnison River via the North Bridge site. The North Bridge site is an unpermitted site that is a dirt parking area within the CDOT highway right-of-way. There is no infrastructure at the site. There are two porta-potties and limited trash service which do not accommodate the existing demand during the busy summer season which can see upwards of 60 vehicles (including vans, trucks, trailers, boats, etc.) all day, every day parked at the 0.5 acre site. Commercial and private boaters utilize this site as access for river trips. The current North Bridge site does not have any opportunity for river access for anglers, walkers and riparian and fisheries habitat have been heavily impacted by the heavy use of the site.

Our community members value maintaining a high quality experience and maintaining our natural resources in a responsible and sustainable manner. The current North Bridge site is not sustainable nor is it a good experience for our community. The site is congested, chaotic and does not have the necessary infrastructure (bathrooms, trash service, parking areas, unloading and prep zones) to accommodate users. The Shady Island River Park would be the only park in the north Gunnison area that will encourage new users and will also accommodate users of the existing North Bridge site.

Shady Island includes 730 linear feet of river front access along the Gunnison River, a 980 linear feet side channel within the property and abundant mature trees including spruce, cottonwoods and willows. Located 1.5 miles from the City of Gunnison and adjacent to Hwy 135, the property provides community access to a beautiful site of natural amenities and opportunities to connect with nature while providing safe access to the Gunnison River. This site is an opportunity to replace the existing North Bridge site while providing additional recreational sites and amenities within close proximity to population areas.

The County will implement watershed management actions, including restoration and protection of riparian habitat. The County plans to develop the Shady Island parcel to create riverside boat access, recreation amenities, improvements to riparian, wildlife and in-stream fish habitat. The goal of the proposed concept is to improve access to the Gunnison River for both boating and angling and restore riparian, stream and fisheries habitat. The Park also includes camping, picnic, play areas, and improved parking. Pockets of existing vegetation will remain along the shoreline to help buffer different use zones (boat ramp vs. fishing area). Adding undulation to the shoreline will help create more habitat variety. The Gunnison River channel through the project area is largely a uniform riffle. The riparian and instream restoration and improvements will help to mitigate many of the impacts caused by the heavy recreation use in this area.

The project phasing is as follows:
Phase 1: Site prep; infrastructure for water; sewer, electric; boat ramp; install and pave parking areas, staging areas; one pre-fab multi-stall bathroom (second to follow in Phase 2); river, riparian, and habitat restoration. Habitat restoration on the south bank includes installation of boulder clusters to create more opportunity for in-channel habitat. In addition to these boulder clusters other treatments will be considered for near shore habitat such as short ribs/vanes if needed or a softer treatment such as cobble toe coyer mats. Planting vegetation along the south bank will also provide overhead shade to create cover and holding water for fish while enhancing wade-in angling from the north bank.

To provide slope retention along the north shoreline (the bank most impacted by use) bank stabilization will be crucial. This will include adding undulation to the shoreline for habitat variety as well as low

profile, in-stream boulder clusters so boaters can stage and maneuver towards exiting the river at the boat ramp. Hardened access will be intentionally dispersed through the existing vegetation with clear pathways by bouldered in stepping-stones for river and angling access. Pockets of existing vegetation will remain along the shoreline to help buffer different use zones (boat ramp vs. fishing area). It is the project intent to keep and maintain as much natural and existing vegetation as possible throughout the River Park.

The installation of 36 trailer parking spaces and 43 vehicle spaces is also included in phase 1. The boat ramp is for larger craft; small craft (kayaks, SUPs, peds) will utilize small craft access area upstream of the boat ramp. Pedestrian access will include trail and walkway improvements and routes to riverbank for fishing opportunities. Phase 1 enables development of infrastructure, parking areas, boat ramp, supporting a vision that is long term, restores river ecology, and is sustainable.

Phase 2: Second pre-fab multi-stall bathroom, picnic pavilions; campground; picnic tables; remaining trails and signage, highway access (pedestrian under or overpass).

The County is working with Dan Brauch, Aquatic Biologist at Colorado parks and Wildlife to develop a detailed habitat restoration plan. The County will continue to work with Colorado Parks and Wildlife and the Upper Gunnison River Water Conservancy District to monitor the restoration of the riparian and stream habitat at Shady Island. The County will contract with outside consultants to develop the final implementation plan and ensure that it achieves habitat restoration objectives. Restoration success will be measured by completion of the project, conservation and restoration of riparian habitat and, floodplain connectivity that may otherwise have been lost due to residential development. A large canopy of riparian trees (cottonwoods, willows) preserved will also be measured, along with the distance of streambank restored and protected.

The County will develop a new water supply source and improve the existing water supply. The proposed improvements include new water supply, and sewer services. The new public water supply system will consist of a new well and some type of water treatment plant. Water monitoring and final analysis with Groundwater under Direct Influence (GWUDI) will determine the type of water treatment required. If a water plant is required, it will include disinfection and possibly higher level treatment for ground water under the direct influence of surface water (GWUDI), in accordance with Colorado Department of Public Health and Environment standards. Additionally, distribution piping and appurtenances to serve the proposed restroom buildings and central campground spigots will also be installed. Final system design consideration will include environmental constraints (e.g., floodplain, wetlands, ground water) and permitting, load projections and seasons of use. The water infrastructure will require engineering, materials, and installation.

The County will improve instream water quality by installing two restroom buildings which will be served by a gravity sewer connection to the existing North Gunnison Sewer District main. Final system design consideration will include environmental constraints (e.g., floodplain, wetlands, ground water) and permitting, load projections and seasons of use. The restrooms connection to the North Gunnison Sewer District main will require engineering, materials, and installation. At the current North Bridge site there are limited porta-potties for use by the public and it is likely that many users are not using those services. Modern restrooms near the river access site and the parking area will encourage users to utilize those amenities. Human waste and the lack of adequate sanitation have become increasingly critical in the Gunnison Valley as recreation users increase and those sites become overwhelmed. The Shady Island River Park project will improve water quality through adequate sanitation measures.

Partners in the project to date include Colorado Parks and Wildlife, U.S. Bureau of Reclamation, Gunnison County Metropolitan Recreation District, Trout Unlimited, Upper Gunnison River Water Conservancy District, City of Gunnison, Western Colorado University, Upper Gunnison River Water Conservancy District, and Trout Unlimited.

Evaluation:

Appropriateness:
This application is consistent with the District's mission—the aim of the project is to create access to the Gunnison River for all users in a location that is sustainable and does not negatively impact natural riparian resources. The Shady Island River Park project will greatly improve conditions and reduce impacts from the existing North Bridge site.

The Shady Island River Park project will improve instream water quality, protect areas of riparian habitat, and provide a water supply for the park.

Staff consulted with Frank Kugel, Executive Director of the UGRWCD on the proposed restoration work. The UGRWCD *Strategic Management Plan* was referenced for restoration work. The restoration work comports with *Goal 5: improve instream water supplies for environmental purposes* and *Goal 6; Protect water quality in a manner that is consistent with the District's other responsivities, including protecting and encouraging the beneficial use of water within the District.*

The restoration and conservation of Shady Island as a river park will complement other restoration work that has occurred on the Gunnison River, particularly at the City's Van Tuyl ranch. The Shady Island site is the connector noted in the "Assessment of Riparian and Aquatic Habitat Associated with the upper Gunnison River, Gunnison County, Colorado," as an area that is non-functioning or at risk. It is critical to work cooperatively between agencies and private landowners to address these riparian areas. The restoration of the Shady Island site will help Gunnison County begin to address other sites connected via trail or river to this parcel of land.

County staff has reviewed "Assessment of Riparian and Aquatic Habitat Associated with the upper Gunnison River, Gunnison County, Colorado," prepared by Bio-Environs, December 2010. The report noted, "…a loss of approximately 50% of the riparian forests areas from 1950 to 2005 primarily as a result of increased housing and we also documented several segments constituting about 17% of the linear streambank riparian zones within this reach that have lost or impaired functions." Shady Island River Park is being converted from an approved subdivision (which has not yet been developed) into a river park, which will greatly reduce floodplain connectivity, the numbers of riparian trees, and vegetation that is eliminated when residences are built. Undeveloped lands are identified as having the highest functioning riparian areas—the park will have limited development and will respect and improve the riparian habitat. The report includes the following recommendations:

- Maintain riparian zones below Almont Canyon, particularly large, intact zones. The upstream (from Gunnison) zones function to dissipate flood energy, maintain water quality and provide some degree of water storage for areas in the vicinity and downstream.
- Preservation of urban riparian forests to protect water quality and reduce flood impacts.
- Design and restore riparian zones in residential areas.

The report notes that the area of stream bank north and south of North Bridge is at risk or non-functioning:

"The approximately 8200 linear foot section of river encompasses the establishment of RV resorts, private residences, existing and developing subdivision lots along the streambank, and the North Bridge. The reach extends approximately 0.75 miles to the north and 0.75 miles south of North Bridge. Many of the developed areas are established within the active floodplain of the river in this reach of the river channel. The segment includes one irrigation diversion structure on the east bank and one irrigation return feature where the Clark Stream enters the river along the west bank to the south of the North Bridge. This segment is situated at a point in the upper Gunnison River valley where the alluvial plain of the upper Gunnison River joins that of the Ohio Creek valley which extends from the north causing a large increase and a broadening the alluvial plain that comprises the valley floor."

Creating a well-designed river access site will mitigate many of the existing impacts. The restoration of the Shady Island riparian area and creation of specific access points will improve the habitat along the Gunnison River.

Shady Island River Park is envisioned as one component of a future river corridor system that begins in Almont (10 miles north of the City of Gunnison) with a new river access and redesigned campground on US Forest Service land, continuing to Shady Island as the next river access point approximately seven miles to the south. The river corridor would continue through the City of Gunnison with possible pull out points at Tomichi Riverpark or Lazy K Park. The river corridor would then continue to the Gunnison Whitewater Park, approximately five miles from Shady Island and continue to McCabe's take-out (administered by the National Park Service). This river park system would be a catalytic amenity for the community and demonstrate cross-agency collaboration. There is support for this concept from the federal agencies and the Sustainable Tourism and Outdoor Recreation Committee.

Project Description: See above.

Budget: See above.

Funding: See above.

Milestones and Timelines

Implement Phase 1 of Shady Island River Park Project including (also see table above):

- Site preparation including grubbing and clearing: removal of old utilities (septic tanks, etc.)
- Install infrastructure for water, sewer
- River, riparian, and habitat restoration
- Installation of larger boulders to provide slope retention along shoreline
- Thin key areas along shoreline to allow limited access to river in controlled areas
- Reduce slope in key areas and install larger boulders to provide slope retention
- Harden river bank for stability and safe access to in key areas
- Maintain existing vegetation between access areas to act as a buffer and maintain riparian habitat
- Add undulation to shoreline to create more habitat variety
- Install boat ramp for large craft (rafts, etc.)
- Install beach and small craft access (kayaks, canoes, SUPs)
- Install and gravel staging areas
- Install portable toilets (for Phase one only)
- Plan and budget for Phase two implementation (2021)

- Pave parking area; permanent bathrooms, picnic pavilions, campground; picnic tables; trails, highway access (pedestrian under or overpass)

Technical Adequacy:
The County has a track record of achieving results and will work with experienced professionals to achieve technical success for this project.

Project Effectiveness:
The County will install improvements to the water and sewer utility infrastructure; removing old septic tanks, etc., drilling new wells or installing a new water plant and tying into the Gunnison Sewer District main. All these updated amenities will result in improved water quality, and development of a new water supply.

The cost of the project more than outweighs the improvements to water quality, the improvements to the riparian habitat restoration, and the significant increase for community access to open space and the river corridor.

Applicant's Capability:
The Gunnison River and its tributaries are the lifeblood of Gunnison County. Whether it is domestic, agricultural or recreational use, the river is a part of our everyday lives. Preserving and restoring the habitat of the Gunnison River is a priority of Gunnison County, along with public access to the river corridor. The County has worked on numerous projects over the years with partners throughout the county on river and water projects. Projects include: Working with the City of Gunnison, Western Colorado University and the Upper Gunnison River Water Conservancy District on the development of an instream whitewater recreational amenity, instream fish habitat improvement, a permanent irrigation diversion improvement as well as an instream recreational water right at the Gunnison Whitewater Park.

Working in partnership with the Bureau of Reclamation, Colorado Parks and Wildlife and a private landowner to develop the Tomichi Creek State Wildlife Area.

Working with the Federal Highway Administration and the U.S. Forest Service to make improvements to river access on the Taylor River as part of the Taylor River Road paving project.

Staffing for the design and planning of the Shady Island River Park will primarily be from the Gunnison County Community Development, Sustainable Operations, and Public Works departments. Staff will serve as project management, primarily lead by the Director of Sustainable Operations who has a depth of experience in project management and implementation. Staff time for project implementation and management is expected to be 200 hours, along with 80 hours of in kind work by Public Works.

Cost Effectiveness:
The overall proposed improvements for the River Park are an important investment in our community. The investment reflects several community goals: access to recreation and open space, economic prosperity for tourism economy, appropriate infrastructure to mitigate water quality impacts from recreation (i.e. bathrooms and adequate parking). Overall, this is an important long term investment in our community that will improve recreation access, water quality, and infrastructure.

Participation

The project team developed a diverse array of public outreach opportunities throughout the planning process. To reach a broad demographic, special meetings and presentations were organized to host specific groups. These groups included government and nonprofit stakeholders (City of Gunnison, Trout Unlimited, Upper Gunnison River Water Conservancy District, Colorado Parks and Wildlife), neighboring property owners, boating community, river outfitters and guides, general public, youth and the Latino community.

The project team met with government and nonprofit stakeholders to seek advice on water, riparian, fisheries and wildlife habitat. Seven stakeholders attended including the Upper Gunnison River Water Conservancy District; CPW staff aquatic biologist and district wildlife manager, representatives from Trout Unlimited's local and regional offices, City of Gunnison manager, and Gunnison County staff. The stakeholders discussed:

The project team conducted three different outreach phases to allow the public to provide comment and feedback on updated designs for the park. Outreach included site visits, email, written notices and presentations with conceptual alternatives supported by image boards. Participants voted on program elements and provided comments on cards and through one on one conversations. The process focused on inclusivity and resulted in obtaining great ideas, comments, concerns and broad support from the public.

Four staff and stakeholder meetings were held throughout the master plan process and included Gunnison County staff, City of Gunnison staff, Colorado Parks and Wildlife representatives, Trout Unlimited representatives and Upper Gunnison River Water Conservation District representatives. Guides and owners from local river outfitters (rafting and fishing) were included in some of the stakeholder review sessions as well.

Colorado Parks and Wildlife, Trout Unlimited and Upper Gunnison River Water Conservancy District will provide consulting on wildlife and instream habitat improvement. Outside professionals will be retained for final engineering and implementation of the project. These professionals include expertise in landscape and recreation riverside amenity design, fluvial geomorphology and infrastructure engineering. Team members to date include:
Cathie Pagano: Gunnison County Director of Community Development
John Cattles: Gunnison County Director of Sustainable Operations
Rachael Sabbato: Gunnison County Community Planner
Marlene Crosby: Gunnison County Director of Public Works
Michael Pelletier: Gunnison County GIS
J Wenum: Colorado Parks and Wildlife (CPW) Area Wildlife Manager
Chris Parmeter: CPW Division Wildlife Manager
Brandon Diamond: CPW Division Wildlife Manager
Dan Brauch: CPW Aquatic Biologist
Jesse Kruthaupt: Trout Unlimited
Frank Kugel: Upper Gunnison River Water Conservancy District
Russ Forrest: Manager, City of Gunnison
Landscape Design Firm: Sprout Studio
Riverside Design: Recreation, Engineering, and Planning (REP)
Engineering Firm: SGM

Upper Gunnison River Water Conservancy District Grant February 2019								
Budget Estimate								
Fair and Reasonable Estimate								
Prepared Date:	**Feb-19**							
Name of Applicant:	**Gunnison County**							
Name of Water Project:	**Shady Island River Park Project**							
	Public river recreation access and boat launch							
Construction								
Task 1 - Land acquisition, Planning, and Engineering								
Sub-task	Unit	Quantity	Unit Cost	Total Cost	**In-Kind Funds**	**FIF Funds**	**Matching Funds**	
Land acquisition	EA	1	1,000,000	$ 1,000,000		$ -	$ 1,000,000	CTY
In-stream improvements & water engineering	EA	1	$ 40,000	$ 40,000		$ 40,000	$ -	includes onsite project management
Land use permitting and public process	EA	1		$ -	$ 10,000			County staff time
Civil Engineering/ surveying	EA	1	40,000	$ 40,000			$ 40,000	CTY 2018
Construction phase 1								
Sub-task	Unit	Quantity	Unit Cost	Total Cost		**FIF Funds**	**Matching Funds**	
well	ft.	100	$ 150.00	$ 15,000		$ 15,000		
water distribution	ln.ft.	200	$ 100.00	$ 20,000			$ 20,000	UGRWCD
sewer service	ln.ft.	450	$ 75.00	$ 33,750		$ 13,750	$ 20,000	UGRWCD
boat ramp prep & paving	ton	145.00	$ 128.00	$ 18,560		$ 18,560		
Road base and prep	ton	654.00	$ 45.00	$ 29,430			$ 29,430	CTY CIP 2020
Parking lot prep. (2 lots)	ton	2787.00	$ 45.00	$ 125,415			$ 125,415	CTY CIP 2020
Underground electric lines	ln.ft.	800	$ 65.00	$ 52,000		$ 22,000	$ 30,000	Metrec
gravel path	ln.ft.	1500	$ 6.00	$ 9,000			$ 9,000	TU
sidewalk paving (ADA path)	sq.yd.	130	$ 33.00	$ 4,290			$ 4,290	
Concrete abutments	ea.	2	$ 4,000.00	$ 8,000			$ 8,000	
Traffic bridge	sq.ft.	420	$ 150.00	$ 63,000			$ 63,000	CTY CIP
Streambank improvements (boulders)	ea.	80	$ 275.00	$ 22,000		$ 22,000		
Fish habitat improvements (boulders/other)	ea.	50	$ 275.00	$ 13,750		$ 13,750		
clearing and grubbing	ea.	1	$ 20,000.00	$ 20,000			$ 20,000	
Clean up buried tanks/ old utilities…	ea.	1	$ 20,000.00	$ 20,000			$ 20,000	
Pre-fab restroom	ea.	1	$ 70,000.00	$ 70,000		$ 70,000	$ -	
TOTAL				$ 534,195	$ 10,000	$ 215,060	$ 1,389,135	

FISHING IS FUN
APPLICATION FORM

1. Application Form
2. Signature Page

The following application form is available on the Fishing Is Fun website at

http://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: Gunnison County
Type of Business: Local Government
Mailing Address: 200 East Virginia Avenue, Gunnison Colorado 81230
Project Contact(s) & Title: Cathie Pagano Community and Economic Development Director
Phone/Email: 970-641-7985 cpagano@gunnisoncounty.org
FISHERY
Type: The Gunnison River is a quality trout fishery with brown and rainbow trout present throughout the year. It also has a significant kokanee run that moves through this reach providing additional opportunities for anglers in August through November.
Acres of Water/Miles of Stream Benefited: 10.5 acres, 730 feet along north bank of Gunnison River, 670 feet along south bank
Type of Access: Rafting, SUP's, Kayak, Fishing, Wade Fishing, Family Picnics, Education Venue, Day Use
PROJECT COSTS
Amount of federal aid requested: $145,000
Amount of match: Cash = $389,135 In-kind = $10,000 TOTAL = $399,135
PROJECT DESCRIPTION
Name: Shady Island River Park Project
Purpose and Need: Shady Island River Park is envisioned as one component of a future river corridor system (see corridor map in Maps and Photos). Beginning in Almont (10 miles north of the City of Gunnison) with a new river access and redesigned campground on US Forest Service land, continuing to Shady Island as the next river access point approximately 7 miles to the south. The river corridor would continue through the City of Gunnison with possible pull out points at Tomichi River park or Lazy K park. The river corridor would continue to the Gunnison Whitewater Park, approximately 5 miles from Shady Island and continue to McCabe's take-out (administered by the National Park Service). This river park system would be a catalytic amenity for the angling community and demonstrate cross-agency collaboration. There is support for this concept from the federal agencies and the Sustainable Tourism and Outdoor Recreation Committee.

Gunnison County purchased a 10-acre parcel less than one mile north of the City of Gunnison in 2017. The Shady Island parcel is across Highway 135 from the Gunnison recreation path. There is a high demand for river access in this area. Currently, river users access the Gunnison River via the North Bridge site. The North Bridge site is an unpermitted site that is a dirt parking area within the CDOT highway right-of-way (see pdf file Shady Island Maps and Photos). There is no infrastructure at the site. There are two porta-potties and limited trash service which do not accommodate the existing demand during the busy summer season which can see upwards of 60 vehicles (including vans, trucks, trailers, boats, etc.) all day, every day parked at the 0.5 acre site. Commercial and private boaters utilize this site as access for river trips. The current North Bridge site does not have any opportunity for river access for anglers, walkers, or others that may be interested in interacting with the river.

The new River Park will provide safe public access for community members, visitors, anglers and boaters with the construction of a formal boat launch area and access to the Gunnison River. Shady Island River Park will allow ample parking for bicycles, cars, trucks, and trailers. The site will also include twenty camping sites, picnic shelters with restrooms, trail loop system, recreation path connection, fishing access, boat staging area, beach area and access for non-boaters, outdoor classroom and gathering areas, picnic tables, and boat queue area. This River Park project has focused on collaboration between multiple stakeholders to pool resources and engage community members.

The Gunnison Valley community places a high value on recreation and access to the outdoors. Our community members value maintaining a high quality experience and maintaining our natural resources in a responsible and sustainable manner. The current North Bridge site is not sustainable nor is it a good experience for our community. The site is congested, chaotic and does not have the necessary infrastructure (bathrooms, trash service, parking areas, unloading and prep zones) to accommodate users.

Total projected visitors per day during the season (May – October) are 50 - 150. The total number of visitors is based on data from the Gunnison Whitewater Park. We expect that visitors to this site will be higher than the Gunnison Whitewater Park because there will be more amenities available for a variety of users (angling, picnics, pavilions, education facilities, children's nature play area, camping). Approximately 3,600 commercial trips are expected to use the site during the boating season based on Colorado River Outfitters Association 2017 stats.

Objective(s): The Shady Island River Park project will greatly improve access to the Gunnison River for angling, boating and community members, and will restore riparian, stream and fisheries habitat. It will provide an expanded, safe river access point for multiple user groups with secondary features such as bathrooms, picnic areas and a campground. These objectives align well with Colorado Parks and Wildfire Strategic Plan goals including connecting people to Colorado's outdoors, conserving wildlife habitat to ensure healthy sustainable populations and ecosystems and, achieve and maintain financial responsibility.

Approach (Work Plan):
Gunnison County utilized a GOCO planning grant in summer 2018 to develop conceptual maps and a master plan (please see Shady Island Summer 2018 Planning Report and Conceptual map attachments). Stakeholders include the Upper Gunnison River Water Conservancy District, Colorado Parks and Wildlife staff, Trout Unlimited local and regional representatives, City of Gunnison staff and Gunnison County staff. Through a diverse array of public outreach opportunities throughout the planning process during the 2018 summer, multiple participants have been involved. To reach a broad demographic, special meetings and presentations were organized to host specific groups. These groups include government and nonprofit stakeholders (City of Gunnison, Trout Unlimited, Upper Gunnison River Water Conservancy District, Colorado Parks and Wildlife), neighboring property owners, boating community, river outfitters and guides, general public, youth and the Latino community. This collaborative stakeholders effort and extensive outreach for public engagement and input has created investment in this project as well as assurance that recreational, environmental and educational aspects will be incorporated.

The project phasing is as follows:

Phase 1: Site prep; infrastructure for water; sewer, electric; boat ramp; install and pave parking areas, staging areas; one pre-fab multi-stall bathroom (second to follow in Phase 2); river, riparian, and habitat restoration. The County is working with Dan Brauch, Aquatic Biologist at Colorado parks and Wildlife to develop a habitat restoration plan. Habitat restoration on the south bank includes installation of boulder clusters to create more opportunity for in-channel habitat. In addition to these boulder clusters other treatments will be considered for near shore habitat such as short ribs/vanes if needed or a softer treatment such as cobble toe coyer mats. Planting vegetation along the south bank will also provide overhead shade to create cover and holding water for fish while enhancing wade-in angling from the north bank.

To provide slope retention along the north shoreline (the bank most impacted by use) bank stabilization will be crucial. This will include adding undulation to the shoreline for habitat variety as well as low profile, in-stream boulder clusters so boaters can stage and maneuver towards exiting the river at the boat ramp. Hardened access will intentionally be dispersed through the existing vegetation with clear pathways by bouldered in stepping-stones for river and angling access. Pockets of existing vegetation will remain along the shoreline to help buffer different use zones (boat ramp vs. fishing area). It is the project intent to keep and maintain as much natural and existing vegetation as possible throughout the River Park.

The installation of 36 trailer parking spaces and 43 vehicle spaces is also included in phase 1. The boat ramp is for larger craft; small craft (kayaks, SUPs, peds) will utilize small craft access area upstream of the boat ramp. Pedestrian access will include trail and walkway improvements and routes to riverbank for fishing opportunities. Phase 1 enables development of infrastructure, parking areas, boat ramp, supporting a vision that is long term, restores river ecology, and is sustainable.

Phase 2: Second pre-fab multi-stall bathroom, picnic pavilions; campground; picnic tables; remaining trails and signage, highway access (pedestrian under or overpass).

CPW- Fishing is Fun Grant February 2019								
Budget Estimate								
Fair and Reasonable Estimate								
Prepared Date:	**Feb-19**							
Name of Applicant:	**Gunnison County**							
Name of Water Project:	**Shady Island River Park Project**							
	Public river recreation access and boat launch							
Construction								
Task 1 - Land acquisition, Planning, and Engineering								
Sub-task	Unit	Quantity	Unit Cost	Total Cost	**In-Kind Funds**	**FIF Funds**	**Matching Funds**	
Land acquisition	EA	1	1,000,000	$ 1,000,000		$ -	$ 1,000,000	CTY
In-stream improvements & water engineering	EA	1	$ 40,000	$ 40,000		$ 40,000	$ -	includes onsite project management
Land use permitting and public process	EA	1		$ -	$ 10,000			County staff time
Civil Engineering/ surveying	EA	1	40,000	$ 40,000			$ 40,000	CTY 2018
Construction phase 1								
Sub-task	Unit	Quantity	Unit Cost	Total Cost		**FIF Funds**	**Matching Funds**	
well	ft.	100	$ 150.00	$ 15,000		$ 15,000		
water distribution	ln.ft.	200	$ 100.00	$ 20,000			$ 20,000	Upper Gunnison River Water CD
sewer service	ln.ft.	450	$ 75.00	$ 33,750		$ 13,750	$ 20,000	Upper Gunnison River Water CD
boat ramp prep & paving	ton	145.00	$ 128.00	$ 18,560		$ 18,560		
Road base and prep	ton	654.00	$ 45.00	$ 29,430			$ 29,430	CTY CIP 2020
Parking lot prep. (2 lots)	ton	2787.00	$ 45.00	$ 125,415			$ 125,415	CTY CIP 2020
Underground electric lines	ln.ft.	800	$ 65.00	$ 52,000		$ 22,000	$ 30,000	Gunnison County Metropolitan Recreation Dis
gravel path	ln.ft.	1500	$ 6.00	$ 9,000			$ 9,000	TU
sidewalk paving (ADA path)	sq.yd.	130	$ 33.00	$ 4,290			$ 4,290	
Concrete abutments	ea.	2	$ 4,000.00	$ 8,000			$ 8,000	
Traffic bridge	sq.ft.	420	$ 150.00	$ 63,000			$ 63,000	CTY CIP
Streambank improvements (boulders)	ea.	80	$ 275.00	$ 22,000		$ 22,000		
Fish habitat improvements (boulders/other)	ea.	50	$ 275.00	$ 13,750		$ 13,750		
clearing and grubbing	ea.	1	$ 20,000.00	$ 20,000			$ 20,000	
Clean up buried tanks/ old utilities…	ea.	1	$ 20,000.00	$ 20,000			$ 20,000	
Pre-fab restroom	ea.	1	$ 70,000.00	$ 70,000		$ 70,000	$ -	
TOTAL				$ 534,195	$ 10,000	$ 215,060	$ 1,389,135	

BREAKDOWN OF LOCAL SHARE

Project Element	Total	In-Kind	Cash	Donor
Land Use permitting	$10,000	$10,000		Gunnison County Staff time
Water distribution lines (200 lineal feet at $100/lf)	$20,000	0	$20,000	Upper Gunnison River Water Conservancy District
Sewer distribution lines (450 lineal feet at $75/lf)	$20,000		$20,000	Upper Gunnison River Water Conservancy District
Electric Utility lines (800 lineal feet at $65/lf)	$52,000		$30,000	Gunnison County Metropolitan Recreation District
Gravel paths (1,500 lineal feet at $6/lf)	$9,000		$9,000	Trout Unlimited, Gunnison local chapter
TOTAL	$111,000	$10,000	$79,000	

PROPOSED WORK SCHEDULE

- **Summer 2018;** Public engagement and feedback, GOCO planning grant.
- **March- October 2019;** Gunnison County Land Use Change application, project engineering and permitting including wetland delineation, 404 permitting and public water source monitoring (GWUDI).
- **March-October 2020;** Phase 1 construction.
- **March-October 2021;** Phase 2 construction.
- **March-October 2022-2050;** Site assessment and monitoring to ensure all project components are completed to contracted specifications and continued performance of features is assured.
- **March-October 2022-2050;** Successful project management and ongoing community education and outreach to schools, non-profits, etc. to host educational programs on site.

ANGLER/MOTOR BOAT USE

Present Angler Use: None at proposed Shady Island River Park site.

Estimated Angler Use after Project Completion: Based on boater stats above we estimate 20-75 anglers per day.

Present Motor Boat Use: None

Estimated Motor Boat Use after Project Completion: None

Present Handicapped Angler Use: None

Estimated Handicapped Angler after Project Completion: Based on boater stats above we estimate 10-40 handicapped anglers per day.

ENGINEERING
Name: Survey & Civil Engineering , SGM – Gunnison Colorado Randy Sacket, P.E. , Erik Bjornstad, LSI Riverside Design, Recreational Engineering & Planning – Salida Colorado Mike Harvey, P.E.
Qualifications: Licensed engineers and consultant firms**.**
MAINTENANCE (Responsible Party)
Name: Gunnison County **Contact Information:** 200 East Virginia Avenue, Gunnison Colorado 81230
PROJECT SITE
Location of Project: 2714 Hwy 135, just north of the City of Gunnison
Property Owner: Gunnison County
Legal Instrument: Gunnison County will invest $1 million into the purchase (2017) of the parcel and budget reflects payments toward note in 2017, 2018, and 2019.
MAIN CDOW CONTACT(S)
Name, title, phone number (e.g., District Wildlife Manager, Aquatic Biologist): 1) Jay Wenum, Area Wildlife Manager, 970-641-7060 2) Dan Brauch, Aquatic Biologist, 970-641-7070

Attachments:
Shady Island Master Plan Conceptual map
Shady Island Summer 2018 Planning report
Shady Island Location Map and photos
Shady Island Current Conditions and Context
Shady Island Support Letters

SIGNATURE PAGE

Project Name:

_____

Project Sponsor (name, title): **Date**

_____

District Wildlife Manager and/or Area Fishery Biologist: **Date**

_____

Regional Manager / Senior Fishery Biologist: **Date**

_____

Region Comments:

_____
_____
_____
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_____
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_____
_____

Regional FIF Coordinator:

Rank:

THE COLORADO DIVISION OF WILDLIFE RECEIVES FEDERAL FUNDS FROM THE U.S. FISH AND WILDLIFE SERVICE PURSUANT TO THE WILDLIFE RESTORATION ACT AND THE SPORT FISH RESTORATION ACT. UNDER TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, THE U.S. DEPARTMENT OF THE INTERIOR PROHIBITS DISCRIMINATION ON THE BASIS OF RACE, COLOR, OR NATIONAL ORIGIN. ANY PERSON WHO BELIEVES HE OR SHE HAS BEEN DISCRIMINATED AGAINST IN ANY PROGRAM, ACTIVITY, OR FACILITY OPERATED BY A RECIPIENT OF FEDERAL ASSISTANCE SHOULD WRITE TO:

Chief, Office for Human Resources
U.S. Department of the Interior
Fish and Wildlife Service
Washington, D.C. 20240