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To: Chris Sturm, Steam Restoration Coordinator
CC: Cathie Pagano, Community and Economic Development Director
From: John Cattles, Gunnison County
Date: 6/10/21
RE: Grant number: CMS 140050 / CTGG1 2020-073

Final Report
Shady Island River Park
6/10/21
Gunnison County

Grant Amount \$200,000
(\$150,000 Colorado Water Plans Grant / \$50,000 Colorado Watershed Restoration Program Grant)

Gunnison County formally requests final payment of the grant awarded for the Shady Island River Park project. Below is a final report including detailed expenditures. Copies of invoices are attached.

Introduction/ Background:

The Shady Island boat ramp and park project will provide a river launch site to replace the informal "north bridge" launch site that is located on a CDOT right of way adjacent to the north bridge on hwy. 135 about 1 mile north of the City of Gunnison. The Shady Island site is several hundred yards upstream from the current informal site. The land was purchased by the Gunnison Board of County Commissioners to establish a formal boat launch site with adequate parking, restroom facilities, and boat launch ramps. The new park and ramps will protect natural resources and provide public access to the Gunnison river by:

- Developing engineered roads and parking areas with stormwater retention to protect water quality, adequate parking for users, and safe access to the highway.
- Installing restroom facilities connected to local sewer service.
- Developing engineered boat ramps and jetties that will provide safe launching areas that are armored against erosion and provide adequate staging for users.
- Creating a park for picnic and day use as well as several walk-in campsites.

The total cost of the project improvements to-date is \$591,172. The County anticipates the final cost of improvements will be \$831,895. The County's cost to purchase the land is not included in these numbers.

Implementation:

The CWCB funding was used to help pay for many aspects of the site development from engineering to building out utility infrastructure and roads. The site has been developed with infrastructure including sewer, water, electricity, roads, and hardened river accesses that will support heavy use and mitigate heavy use; Gunnison County has observed heavy use of the informal boat launch site at the "north bridge" and expects even more use of the Shady Island site.

Merrick Engineering was hired to develop plans for in-stream improvements including creating eddies for the boat launches, a boat ramp, and hardened river banks adjacent to the ramps where heavy foot traffic is expected. Merrick also consulted with the County to obtain necessary permits from the Army Corps of Engineers and the Colorado Department of Public Health and Environment.

SGM engineering developed plans for the site utilities, roads, and parking lots. SGM also provided on-going monitoring of work to ensure all placed work was in compliance with the engineered plans. Additionally, SGM provided surveying services to support construction activities throughout the project duration.

Spallone Construction was hired to perform the utility and in-stream work based on bid documents and scoping provided by Merrick and SGM. Utility work was completed over the winter of 2020-2021 and in-stream work began in January 2021 while river flows were low. The in-stream improvements were completed in April 2021 and the last utility extension was placed in the same month.

Gunnison County Public Works completed the road and parking lot improvements. Work began in November 2020 and continued until weather shut the project down for the winter. The roads and parking lots were finished in April 2021. A final application of asphalt millings will be placed in the late fall of 2021 on the roads and parking lots.

The connection to Hwy. 135 is required to be relocated and improved prior to public use of the park. It is anticipated that work will be complete by the end of June. At that time the park will be open for use while restrooms, picnic areas, and other site amenities are completed through the summer and fall of 2021.

Gunnison County has received grants from:

- Upper Gunnison River Conservancy District
- Gunnison County Metropolitan Recreation District
- El Pomar
- Gates Foundation
- Colorado Parks and Wildlife; Fishing is Fun
- Colorado Water Conservation Board; Water Plan
- Colorado Water Conservation Board; Restoration
- Great Outdoors Colorado
- National Forest Foundation

- Colorado Department of Transportation (CDOT)

Gunnison County has also invested over \$1 million dollars into the project through the initial purchase of the land and ongoing capital funding to supplement grant funding. Gunnison County Public Works crews have self-performed the construction of roads, parking lots, and stormwater retention swales. Gunnison County is grateful to all of our partners who have contributed to the project. Many granting agencies have specific missions which limit the use of funds to very specific scopes of the work to be done at Shady Island. All of the funding and specific requirements in aggregate are contributing to the final project which will provide the citizens and visitors of Gunnison County a beautiful and sustainable access to the Gunnison River.

Results/ Conclusion:

The actual site-work and execution has gone smoothly no major obstacles came up and small changes and adaptations to site conditions were handled without cost changes. Gunnison County has experience delivering complex projects and overcoming inevitable challenges. The County's team approach to projects combines broad experience and talents to draw from. The Shady Island project team including engineers, contractors, and County staff is excellent; they are professional, supportive, reliable, and deferential to each other's strengths.

The only delay to the project has been the development of an approved approach to Hwy. 135. The County received a permit from the Colorado Department of Transportation that was conditioned upon certain conditions being met in the engineered plans, Gunnison County found a deficiency in the plans right before work was to begin. The plans have now been updated to comply with the permit conditions but site-work had to be stopped while plans were updated which has caused a delay in execution of the final work at the site. Work will commence in the next weeks and the park will be open for use this summer even while other improvements like restrooms are still being completed.

Thank you for supporting this project, please reach out directly to me if you need more information or clarification.

John Cattles
Sustainable Operations Director
Gunnison County

Photographs of work to follow:



Clearing ice to begin in-stream work



De-watering and excavating foundations for jettie structures.



Boat ramp



Small craft eddy



Sewer manhole with water and electric services in background at parking lot restroom location



Water, sewer, and electric services at ramp side restroom location

Expenditures

SHADY ISLAND WORKSHEET BY
INVOICE

2019-2021

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Invoice Date	Vendor	Description Expense account	Invoiced amount	CWCB Partner Cash match	Task #
				\$200,000.00	
2/15/2019	UGRWCD	Permits	\$108.95		
3/31/2019	GC	Utilities	\$264.54		
5/16/2019	SGM	Engineering	\$4,578.75		
5/31/2019	Bio Environs	contract services	\$757.50		
6/19/2019	SGM	Engineering	\$3,308.50		
7/31/2019	GC	Utilities	\$132.27		
8/27/2019	SGM	Engineering	\$9,512.75		
11/30/2019	GC	Utilities	\$132.27		
11/30/2019	Colo. Div Water Resources	Permits	\$60.00		
	2019	\$18,855.53			
2020					
1/31/2020	GC	Utilities	\$139.95		
2/29/2020	UGWCD	Permits	\$113.15		
4/30/2020	GC	Utilities	\$139.95		
7/7/2020	GC	Utilities	\$139.95		
6/30/2020	Merrick	Engineering	\$43,877.00	\$43,877.00	1
7/9/2020	SGM	Engineering	\$9,323.75	\$9,323.75	2
8/31/2020	SGM	other Pro services	\$820.00	\$820.00	2&3
8/31/2020	GC Public Works	equipment Usage	\$5,456.76		
8/31/2020	GC Public Works	Culverts	\$2,351.81		
11/30/2020	Ferguson	Other materials	\$1,296.00		
10/1/2020	GC	Utilities	\$139.95		
10/31/2020	Christopher Klein	Trail Const.	\$450.00		
10/31/2020	Christopher Klein	Trail Const.	\$50.00		
10/31/2020	SGM	Engineering	\$2,288.25	\$2,288.25	2
11/30/2020	Spallone	contract services	\$104,190.00		
8/31/2020	Merrick	Engineering	\$13,274.75	\$13,274.75	1&2
11/30/2020	SGM	Permits	\$165.00		
11/30/2020	Airport ID	Permits	\$70.00		
12/31/2020	Co Dept of Nat. Res.	Permits	\$62.12		
12/31/2020	Christopher Klein	contract services	\$300.00		
12/31/2020	Ferguson	Other materials	\$3,043.44		
12/31/2020	Spallone	contract services	\$43,505.85	\$1,087.16	3

	2020	\$231,197.68			
2021					
1/1/2021	GC	Utilities	\$139.95		
1/31/2021	Spallone	contract services	\$24,473.50		
2/28/2021	Spallone	contract services	\$61,880.00		
2/28/2021	UGWCD	Permits	\$108.76	\$108.76	3
2/28/2021	SGM	other Pro services	\$1,474.00	\$1,474.00	3
1/31/2021	Christopher Klein	contract services	\$300.00	\$237.83	3
3/31/2021	Christopher Klein	contract services	\$300.00		
3/31/2021	Merrick	Engineering	\$6,556.00	\$6,556.00	2
3/31/2021	GC	Utilities	\$139.95		
3/31/2021	SGM	other Pro services	\$275.00		
3/31/2021	SGM	other Pro services	\$1,140.00		
4/30/2021	Spallone	contract services	\$179,072.50	\$120,952.50	3
4/30/2021	Ferguson	Other materials	\$1,782.00		
4/30/2021	GMOC	Mag Chloride	\$3,181.90		
4/30/2021	Spallone	contract services	\$59,868.15		
4/30/2021	SGM	other Pro services	\$427.50		
	2021	\$341,119.21		\$200,000.00	
	Total Project	\$591,172.42			