

# 1453 - Carson River Aquatic Trail

## Application Details

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**Funding Opportunity:** 1001- Motorized & Diverse Projects - Recreational Trails Program 2022 Grants  
**Funding Opportunity Due Date:** Nov 2, 2021 12:00 AM  
**Program Area:** Recreational Trails Program  
**Status:** Under Review  
**Stage:** Final Application

**Initial Submit Date:**  
**Initially Submitted By:**  
**Last Submit Date:** Nov 1, 2021 11:34 AM  
**Last Submitted By:** Shane Fryer

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Shane Edward Fryer  
Salutation First Name Middle Name Last Name  
**Title:** Watershed Program Specialist  
**Email\*:** [Shane@cwsd.org](mailto:Shane@cwsd.org)  
**Address\*:** 777 E. William St.  
Suite 110A  
  
Carson City Nevada 89701  
City State/Province Postal Code/Zip  
**Phone\*:** 775-887-9005 Ext.  
Phone  
### #### #####

Fax: 775-887-7457  
### ##

Comments:

## Organization Information

**Status\*:** Approved  
**Name\*:** Carson Water Sunconservancy District  
**Organization Type\*:** Local Government  
**Tax Id:** 614324275  
**Organization Website:** <https://www.cwsd.org/>  
**Address\*:** 777 E. William St.  
Suite 110A

**Phone\*:** Carson City Nevada 89701-  
City State/Province Postal Code/Zip  
775-887-9005 Ext.  
### ##

Fax: 775-887-7457  
### ##

Benefactor:

Vendor ID:

Comments:

## RTP Pre-Application - MOTORIZED & DIVERSE

### *Project Description*

**Classification\*:** Government  
Please choose one.

**Government Classification:** County  
Please choose one.

**Grant Manager/  
Primary Point-of-Contact  
(if grant is awarded)\*:** Shane Fryer  
First Name Last Name

**Title\*:** Watershed Program Specialist

**Email Address\*:** [Shane@CWSD.org](mailto:Shane@CWSD.org)

**Telephone\*:** 530-250-5559

**Address\*:** 777 E. William Street, Suite 110A  
Address Line 1  
Address Line 2

Carson City Nevada 89701-4058  
City State Zip Code

**Land Owner\*:** Carson City, Lyon Co., Douglas Co.

**Classification of Land Control\*:** Combination, County, City, Public Land  
Select all that apply.

**Project Costs**  
Please do not submit match not directly related to the project.

**Grant Request\*:** \$43,898.00

**Match Amount\*:** \$11,673.00  
(20% of total amount for diverse& education projects; 5% for moto)

**Total Project Amount:** \$55,571.00

**Match Sources\*:** City/County

**Please Describe Source(s)\*:**

Match will be a combination of CWSD (NV \$), Carson City, volunteer In-kind.

**Project Category(s)\*:** Non-motorized for diverse use  
Select all that apply.

**Trail Use\*:** Equestrian, Interpretation/maps/brochures, Mountain Biking, Other, Pedestrian (hiking/trail), Snowshoe/cross country ski  
Select all that apply.

**If Other, Please List:** Canoe, Kayaks, Rafts, SUP, Paddling Sports

**Project Type\*:** Trailside and trailhead facilities  
Select all that apply.

**If Other, Please List:** Signs, Interpretive Material, Web Resources

**Scope of Work**  
Describe exactly what work will be completed, include miles of trail or other measurable goals. Please be specific to the actual project being built.

**Scope of Work\*:**

A unified Carson River Aquatic Trail for Douglas County, Carson City, and Lyon County is quickly becoming a reality. The acceptance of CWSD's RTP proposal last year was a monumental step forward. Once this critical piece of infrastructure (the Mexican Dam Portage) is completed, the single largest physical barrier to adding Douglas County into the existing aquatic trail system will have been mitigated. CWSD

believes the quickest way to gain support for an expanded Carson River Aquatic Trail through our Carson River Watershed counties is to demonstrate a realized aquatic trail through Carson City, and Lyon County.

CWSD's new grant applicant for the Non-motorized RTP Program will go a long way in demonstrating a fully realized Carson River Aquatic Trail. In many ways it is be the "Phase B" of last years partially funded proposal. Our application if funded will develop uniform access, safety, and conservation signage along the present Aquatic Trail. We will use a standardized-modular information sign, which will include an easy-to-use river map, while providing a strong safety, and conservation message. Additional signs will be developed for environmental interpretation, or to warn paddlers of necessary portages, hazards, and points of egress. Due to these signs modular design, as the Aquatic Trail continues to evolve, and grow the physical signs can be updated at a much-reduced cost. CWSD, Carson City, and Lyon County are in partnership to produce and place these signs at the Mexican Dam, East Silver Saddle Ranch, Carson River Park, Carson View Park, Morgan Mill and Santa Maria Ranch. Signs will be place in previously disturb areas to coincide with boating infrastructure, parking areas and elevated paths to relive any concern of disturbing cultural resources or being damaged in floods.

This proposal will also update the current Aquatic Trail Map. This map will then be reprinted and made available online. Physical maps will be available for free at county tourism offices and facilities. The online map will be available in both English and Spanish. In addition to the online map CWSD will host a "Paddling the Carson River" webpage that will contain comprehensive information in both English and Spanish to support access, user safety, watershed knowledge, and conservation along the river. This information will be provided for the present extent of the Carson River Aquatic Trial, and other safe, and easy to access reaches such as at Fort Churchill State Park in Lyon County, and Below Lahontan in Churchill County. Both the online aquatic trail map and information will be formatted in a way to be accessible via smart phone, tablet and through your monitor.

This proposal is much needed. The improvements detailed in our application will better direct access, improve safely, while protecting both landowners, and the river environment. The upgrades also demonstrate a fully realized aquatic trail, that can be expanded in the future.

#### Project Location

**Congressional District(s)\*:**

District 2  
Select all that apply.

**County\*:**

Carson City

**Municipality/Town/City\*:**

Carson City, Dayton,

#### Environmental Compliance

See page 10 of the RTP Handbook for more information.

Does not apply to Planning or Education projects with no ground disturbing activities.

Is a Federal agency involved in this project as an applicant, partner, or landowner?

**Federal Agency\*:**

No

If yes, environmental clearances have likely been completed for your project area.

Please indicate which NEPA document was produced.

Please attach the document to this application.

#### NEPA Document Produced:

#### NEPA Document:

#### Historic Resource Compliance

Please provide the following information:

Describe the extent of ground disturbance for this project. Specifically, describe the length, width, and depth of the most significant instances of excavation/digging.

#### Ground Disturbance:

We will dig around ~30 post holes to place signs along the trail. CWSD, Carson City, and Lyon County are in partnership to produce and place these signs at the Mexican Dam, East Silver Saddle Ranch, Carson River Park, Carson View Park, Morgan Mill and Santa Maria Ranch. Signs will be place in previously disturb areas to coincide with boating infrastructure, parking areas and elevated paths to relive any concern of disturbing cultural resources or being damaged in floods.

Describe both current and past uses of the project area.



**Project Area Use:**

All of the land is county open space, parks, undeveloped state land, or in conservation easement with public access. All sites are heavily used by the public currently for paddling sports, hiking, biking etc.

[REDACTED]

[REDACTED]

**Maps**

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state and/or county)						
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)						
Detail map indicating specific project elements (e.g., structures, trail alignment)						

**Photos**

Description	File Name	Type	Size	Upload Date
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No files attached.

**Shape Files**

Description	File Name	Type	Size	Upload Date
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No files attached.

**Authorization**

**Authorized Individual\*:** Edwin James 10/28/2021  
First Name Last Name Date

**Title\*:** General Manager

**Agency/Organization\*:** Carson Water Subconservancy District

**RTP Application - MOTORIZED & DIVERSE PROJECTS/PLANNING PROJECTS**

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**Project Description**

**Standards/Guidelines Applied to Project\*:** Other

**If Other, Please List:** We will use Carson City Parks, Rec and Openspace Standards

List all permits required to complete project.

**Permits:**

Signs will be out of the ordinary high water mark, however we will obtain an need county permit for Carson City and Lyon County need.

Does the project include a paved bicycle path?

**Bicycle Path\*:** No

**Plan Title:**

Has the applicant received funding from the Recreational Trails Program in the past?

**Past Funding\*:** Yes

**Number of Projects Funded:** 1

**Amount of Funding Received:** \$90,000.00

**Number of Projects Completed:** 0

**Project Narrative**

## Project Need

Describe how this project fits with current community development plans.

### Current Plans\*:

A unified Carson River Aquatic Trail for Douglas County, Carson City, and Lyon County is quickly becoming a reality. The acceptance of CWSD's RTP proposal last year was a monumental step forward. Once this critical piece of infrastructure (the Mexican Dam Portage) is completed, the single largest physical barrier to adding Douglas County into the existing aquatic trail system will have been mitigated. CWSD believes the quickest way to gain support for an expanded Carson River Aquatic Trail through our Carson River Watershed counties is to demonstrate a realized aquatic trail through Carson City, and Lyon County.

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This proposal is much needed. The improvements detailed in our application will better direct access, improve safely, while protecting both landowners, and the river environment. The upgrades also demonstrate a fully realized aquatic trail, that can be expanded in the future.

Describe the project's ability to enhance recreation options for an underserved area or population. "Underserved" is defined as an area or population with inadequate services, facilities, and/or a lack of access to recreation opportunities.

### Underserved Area or Population\*:

As the populations in Carson City, Douglas Co, and Lyon Co. increase, we have seen an increase in recreational demands on the Carson River. This includes under-served tribal communities, and a growing Latino population within the area. As popular recreation areas in California become overcrowded, we are also seeing more outside interest in the Carson River. A portion of our under-served communities have little experience on the Carson River or any river, and make unsafe choices. Many do not know where the dams and portages are, some boat during flood/hazardous conditions, or select to use too technical of reaches. Often people do not have life jackets, proper equipment, backup plans or support. Having more flat-water options, better available information (Spanish Online) and a unified sign system will help our under-served population.

The addition to the aquatic trail can be enjoyed by a wide range of boating enthusiasts including the under-served of all skill levels, with emphasis on the beginner and intermediate levels. Canoeists, rafters, and inner tubers. Boaters can also use open-deck and enclosed plastic kayaks. It is a good section for beginners and children to hone their river skills.

## Project Quality

Describe project schedule(s) and contingency plans.

### Schedule and Plans\*:

May 1, 2022 - Start project

May 1, 2022 ? Working with Carson City & begin In-house design of maps, sign and web information

Sept 1, 2022 ? Designs (Maps, Graphics)/Signs Complete

Sept 30, 2022 - Develop Bid/Contract for sign fabrication.

Oct 31, 2023 ? Signs Completed.

Oct 31, 2022 ? County Permits Complete  
Dec 1, 2022 ? Have maps printed and Website Launched  
Dec 1, 2022 ? Begin installation of Signs  
February 1, 2023 ? Disperse Printed material and supply to partners.  
June 30th, 2023 ? Education and Final Reporting.

Describe the confirmed partnerships for this project.

**Partnerships\*:**

Carson Water Subconservancy District  
Carson River Coalition  
Carson City  
Carson City Parks, Recreation & Open Space Department  
Douglas County  
Lyon County  
Muscle Powered 501c3  
Carson Valley Trail Association 501c3  
River Wranglers 501c3

Describe the nature and extent of public engagement with this project and what is being done to mitigate any concerns conveyed by the public.

**Public Engagement\*:**

The Carson River is a navigable water of the State of Nevada and as such the State has sovereign capacity to the bed and bank up to the mean high-water line. In the past most of the land above the mean high waterline was private property. However, over the past decade Carson City?s Open Space Program has bought parcels and easements allowing for public access. There are very few private landowners left in this reach, and paddling has been a long accepted activity. We will use maps that clearly delineate point of access and egress.

The few private landowners have some concerns regarding liability if someone gets hurt on their property. This section describes the protection provided by Nevada Revised Statute (NRS) 41.510. The complete statute text is provided in Table 10-1. If a person engaged in recreational activities trespasses, or if such a person is given permission to use private property, private landowners are protected by NRS 41.510. Water sport activities that may require the use of private land such as portaging a dam is a type of recreational activity specifically covered by NRS 41.510 and this statute would be a ?bar to recovery?. A ?bar to recovery? means that a person could file a lawsuit but a trial and judgment against a landowner would be highly unlikely. This statute, however, will not protect a landowner who is responsible of willful or malicious acts or if the landowner is charging a fee to use the property for the recreational purpose.

Describe the implementation of best practices in each phase of the project (e.g., planning, budgeting, construction, etc.).

**Project Phases\*:**

Planning: CWSD facilitates the Carson River Coalition (CRC) a watershed-wide stakeholder group that serves as the steering committee for the Integrated Watershed Planning Process (IWPP). The IWPP process focuses on management of watershed resources long-term and addresses the diverse needs and concerns of all stakeholders. The CRC?s Education Working Group and the River Corridor Working Group meet regularly. These meetings provide stakeholders an opportunity to highlight or learn about projects and discuss their watershed-wide benefits. CWSD projects are conceived by or vetted through this stakeholder process. This gives us access to a broad range of expertise in both design and concept, while bringing about consensus on the objectives and scope of projects.

Budgeting: CWSD and CRC partners have a long history of implementing projects in the Carson River Watershed. We collaborate closely with our local Conservation Districts and watershed counties to stay informed of the cost of services. CWSD also implements projects through FEMA and NDEP?s 319 Clean Water Act. Through our partnerships and experience CWSD maintains current examples of service costs and materials.

Construction: CWSD has partnered with Carson City, and Lyon Co. who are responsible for the property the aquatic trail will be implemented on. In fact, two Commissioners/Supervisors from each county sit on our governing board. We work closely with the county's Parks, Recreation and Open Space departments/programs. They are involved in every step of the process, from the initial planning to construction. During sign installation the landowning agencies co-supervise implementation to ensure they agree with improvements and practices. CWSD also partners with NDEP and State Lands garnering their input and support on projects to ensure they meet their permitting requirements.

How does the project promote sustainability goals and principles (e.g., social, environmental, economic) in the design criteria?

#### **Sustainability\*:**

CWSD has always believed that communities that have access to recreation on rivers and to parks/open space will cherish them and take long term actions to preserve them. For decades, the Carson River has been locked behind a private land barrier. Now through Carson City's Open Space program allows easy access to the river. Local communities are even beginning to explore the river on their own, which is wonderful; however, they are not always prepared, select reaches that require more technical skill, or disturb the few remaining landowners. We want to sustain this rediscovery of the Carson River by making solid information available (maps/web information) in both English and Spanish and by having a unified signage system at accesses.

## Alignment with Nevada's Recreation Goals

How will the project contribute to the maintenance and/or rehabilitation of existing outdoor infrastructure?

#### **Existing Outdoor Infrastructure\*:**

-Maintain and rehabilitate existing facilities

This project will direct the public to existing facilitated accesses. Guiding residents away from launching in sensitive riparian or creating new social rails.

How will safety be implemented in the design, maintenance, and management of the project?

#### **Safety\*:**

Unified Signage, in depth web information(in English and Spanish) and maps both paper/digital will give novice boaters the safety information they need, and knowledge required to avoid/navigate diversion, rapids, or other hazards.

How does the project increase connectivity between trails, facilities, or other locations?

#### **Connectivity\*:**

The currently aquatic trail connects with other trails at Silver Saddle Ranch, River View Park, Ambrose Natural Area and Morgan Mill along the east side of Eagle Valley. Several existing dirt roads and proposed trails parallel the river through the Carson River Canyon. The Aquatic trail now parallels an unpaved multi-use path through most of Carson City.

How does the project engage youth?

#### **Youth Engagement\*:**

We hope to engage youth in both the aspects of project construction and safety messaging. We will use Carson River Workdays a program CWSD co-developed with River Wranglers to bring classes out to sites post-construction, to improve bank stabilization, and to rehabilitate river accesses through the clipping and planting of live willow stakes. Partners like River Wrangles and Muscle Powered may also do a few days of guiding to teach families how to safely navigate the river. River safety messaging will also be brought into classrooms to through River Wranglers programs.

How will the project contribute (or otherwise complement) the development, maintenance, and/or management of new outdoor recreation facilities?

#### **New Outdoor Recreation Facilities\*:**

CWSD has always believed that communities that have access to recreation on rivers and to parks/open space will cherish them and take long term actions to preserve them. We hope safe access to the river will encourage our communities to fund programs that further the conserve of the Carson's floodplains and protect its riparian habitat. Over the last 10 years, Carson City's Open Space program has conserved over 7000 acres of land, most of it being floodplain along the Carson River. We hope as more people enjoy the river there will be an increased demand for more conservation easement, parks, and open space.

How does the project contribute to the economic vitality of its community?

**Economic Vitality\*:**

The economic impacts of the availability of safe river rafting and canoeing on the Carson River will come from two areas. First, the Aquatic Trail will provide a local recreational area for local river enthusiasts. Second, it will draw overnight and out-of-town visitors to the area. An economic analysis for the Truckee River Recreation Plan assumed that Truckee River whitewater rafting would generate \$59 per user per day whereas the actual economic impact could be as high as \$154 per user per day.

Increasing the level of use on the Carson River will depend on a number of factors such as the willingness of the community to promote events and river use, and the overall quality of the experience as a result of the constructed facilities. Both the Truckee and the East Fork of the Carson River are run commercially. The unique aspect of the Carson River is that it offers both whitewater and flat-water paddling. Both Lyon County and Carson City could benefit from equipment rental and shuttle fees. In addition, the Truckee River whitewater park draws boaters from across the country. These boaters want to explore other local rivers and the Carson River is a natural choice.

How will the project contribute to the conservation and/or rehabilitation of water and habitat?

**Water and Habitat\*:**

CWSD has always believed that communities that have access to recreation on rivers and to parks/open space will cherish them and take long-term actions to preserve them. We hope safe access to the river will encourage our communities to fund programs that further the conserve of the Carson's floodplains and protect its riparian habitat. Over the last 10 years Carson City's Open Space program has conserved over 7000 acres of land, most of it being floodplain along the Carson River. We hope as more people enjoy the river there will be an increased demand for more conservation easement, parks, and open space.

## Applicant History

Summarize your organization's grant management record. If your organization is new to grants, please summarize the organization's project management record.

**Grant Management Record\*:**

Every year CWSD manages hundreds of thousands of dollars in both federal and state grants. As an agency we provide funds for river projects, water supply and weed abatement. Presently CWSD is managing grant awards from the EPA 319(h), EPA 106, Bureau of Reclamation and FEMA Cooperating Technical Partner program. We have been awarded a RTP grant in the past and have successfully completed and reported on the motorized trail grant. CWSD has an excellent track record of timely invoicing, meeting interim reporting deadlines and providing a comprehensive final report. We also meet deliverables in a timely fashion.

Describe your organization's capacity to maintain facilities for the next 25 years.

**Maintain Program\*:**

All improvements identified in this proposal occur on county owned lands, with most of the work occurring on Carson City's Open Space properties. The responsibility for maintaining the signs and the improvements such as trails and boat portage will fall to the counties who have the resource managers, maintenance staff, and budgets to maintain these facilities. In an emergency, such as a damaging flood or egregious vandalism CWSD would help the counties financially or support the preparation of grant that would restore the infrastructure.

### Authorization

**Authorized Individual\*:**

Edwin James 10/28/2021  
First Name Last Name Date

**Agency/Organization\*:**

Carson Water Subconservancy District

**Title\*:**

General Manager

## Supporting Documentation

### Supporting Documentation

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state or county)		Sat View of Project	<a href="#">Overview Sat.pdf</a>	pdf	1 MB	10/30/2021 01:32 PM
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)		Topo Map of Project Sites	<a href="#">Overview.pdf</a>	pdf	618 KB	10/30/2021 01:33 PM
Detail map indicating specific project elements (e.g., structures, trail alignment)		Individual maps of sign Locations in zip file	<a href="#">Aquatic Trail Site Signs.zip</a>	zip	6 MB	10/30/2021 01:35 PM
At least two (2) overviews of the project area from different angles and distances		Images of Aquatic Trail and Sign Sites	<a href="#">Images Carson River Aquatic Trail.docx</a>	docx	18 MB	10/30/2021 01:45 PM

Letter or statement certifying that the appropriate official has reviewed this project and approved of the property		Carson City Letter	<a href="#">Letter of Commitment and maintenance.pdf</a>	pdf	425 KB	10/30/2021 01:52 PM
Documentation certifying that the appropriate official has reviewed this project and meets their approval		Letter from Carson City	<a href="#">Letter of Commitment and maintenance.pdf</a>	pdf	425 KB	10/30/2021 01:53 PM
USACE 404 and/or other applicable permits						
Erosion and sedimentation control plan for stream crossings or general construction activities						
Copy of any building permits that may be required by the local township or statement permit not needed						
Sewage disposal permit						
Transmittal letter		Cover Letter	<a href="#">CWSD RTP 2022 Cover letter.pdf</a>	pdf	112 KB	11/01/2021 11:31 AM
Letter of Support		Letter From Carson City	<a href="#">Letter of Commitment and maintenance.pdf</a>	pdf	425 KB	10/30/2021 01:54 PM

### Additional Documentation

Description	File Name	Type	Size	Upload Date
No files attached.				

### Budget

#### Percentages

#### Grant Request

Federal Grant Percentage: 79.07%

Match

Federal Match Percentage: 0.0%  
 Non-Federal Match Percentage: 20.93%  
 TOTAL MATCH PERCENTAGE: 20.93%

*Design and Engineering Costs*

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

*Planning Costs for Match*

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

*Direct Labor (Salaries or Actual)*

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
CWSD General Manager	25.00	hours	\$116.78	\$2,919.50	\$0.00	0.00	\$0.00	0.00	\$2,919.49	100.00	CWSD
CWSD Watershed Program Manager	70.00	hours	\$75.97	\$5,317.90	\$5,317.70	100.00	\$0.00	0.00	\$0.00	0.00	
CWSD Administrative Asst.	35.00	hours	\$49.20	\$1,722.00	\$1,722.05	100.00	\$0.00	0.00	\$0.00	0.00	
Watershed Program Specialist	240.00	hours	\$53.99	\$12,957.60	\$12,958.04	100.00	\$0.00	0.00	\$0.00	0.00	
				<b>\$22,917.00</b>	<b>\$19,997.79</b>		<b>\$0.00</b>		<b>\$2,919.49</b>		

*Labor (Volunteer or Donated)*

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
AmeriCorps	170.00	Hours	\$30.00	\$5,100.00	\$0.00	0.00	\$0.00	0.00	\$5,100.00	100.00	
Volunteer (Professional)	50.00	hours	\$28.54	\$1,427.00	\$0.00	0.00	\$0.00	0.00	\$1,427.00	100.00	
			<b>\$58.54</b>	<b>\$6,527.00</b>	<b>\$0.00</b>		<b>\$0.00</b>		<b>\$6,527.00</b>		

*Equipment Purchase/Rent/Lease*



Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

**Contracts**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Construct Interp Signs	1.00	Contract	\$15,000.00	\$15,000.00	\$15,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
Install Signs	1.00	Contract	\$4,500.00	\$4,500.00	\$4,500.00	100.00	\$0.00	0.00	\$0.00	0.00	
Spanish Translation Services	1.00	Contract	\$1,000.00	\$1,000.00	\$1,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
			<b>\$20,500.00</b>	<b>\$20,500.00</b>	<b>\$20,500.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Materials**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
General Printing	1.00	Printing B&W Color	\$100.00	\$100.00	\$100.00	100.00	\$0.00	0.00	\$0.00	0.00	
River Map Printing	1.00	Printing	\$3,000.00	\$3,000.00	\$3,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
Website Services	1.00	Service	\$250.00	\$250.00	\$250.00	100.00	\$0.00	0.00	\$0.00	0.00	
			<b>\$3,350.00</b>	<b>\$3,350.00</b>	<b>\$3,350.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Fuel, Vehicle Maintenance & Travel**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Vehicle Mileage (100 miles @ .58)	1.00	100	\$0.58	\$0.58	\$58.00	100.00	\$0.00	0.00	\$0.00	0.00	
			<b>\$0.58</b>	<b>\$0.58</b>	<b>\$58.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		

**Other Expenses**

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
In-direct Cost	1.00	Total Salary (14.5%)	\$2,172.39	\$2,172.39	\$0.00	0.00	\$0.00	0.00	\$2,172.39	100.00	CWSD
			<b>\$2,172.39</b>	<b>\$2,172.39</b>	<b>\$0.00</b>		<b>\$0.00</b>		<b>\$2,172.39</b>		

**Totals**

**Total Federal Grant Amount:** \$43,905.79

**Total Federal Match Amount:** \$0.00

**Total Non-Federal Amount:** \$11,618.88

**Total Amount:** \$55,524.67



# Wayfinding and Interpretive Signs 2021



Sata Maria Ranch:  
Aquatic Trail Information  
Exit before Fish Diversion (Hazard)

Morgan Mill:  
Aquatic Trail Information  
Exit before Class III+ white Water

Carson River View Park:  
Aquatic Trail Information  
Interpretation

Carson River Park:  
Aquatic Trail Information  
Interpretation

East Silver Saddle Ranch:  
Aquatic Trail Information  
Interpretation

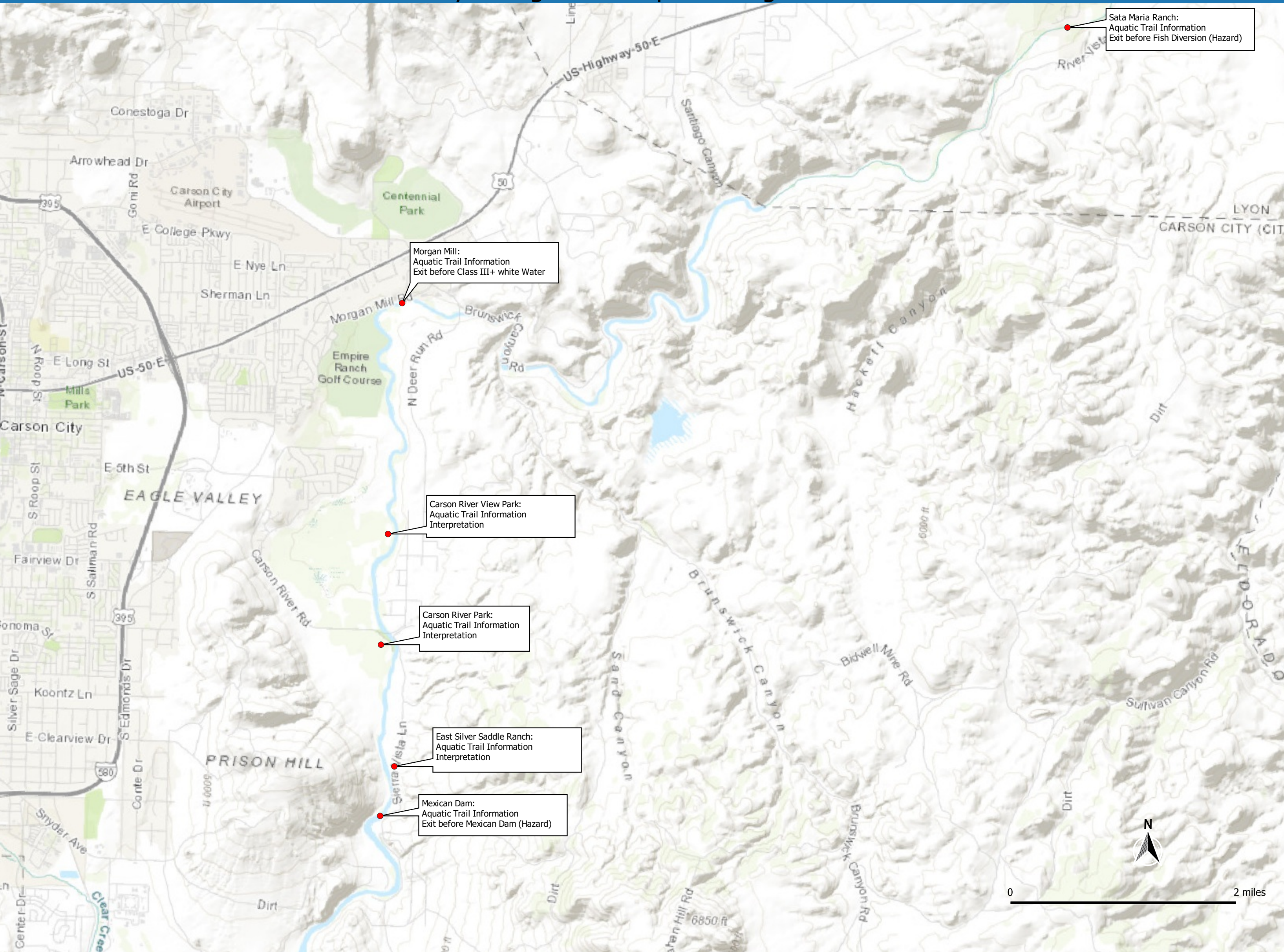
Mexican Dam:  
Aquatic Trail Information  
Exit before Mexican Dam (Hazard)



0 2 miles



# Wayfinding and Interpretive Signs 2021





# Carson River Park Signs 2021



Carson River Park:  
Aquatic Trail Information  
Interpretation



0 100 feet



# Carson River View Signs 2021



Carson River View Park:  
Aquatic Trail Information &  
Interpretation



0 100 feet



# East Silver Saddle Signs 2021



East Silver Saddle Ranch:  
Aquatic Trail Information  
Interpretation



0 100 feet



# Mexican Dam Signs 2021



Mexican Dam:  
Aquatic Trail Information

Mexican Dam:  
Exit before Mexican Dam (Hazard)



0 100 feet



# Morgan Mill Signs 2021



Morgan Mill:  
Exit before Class III+ white Water

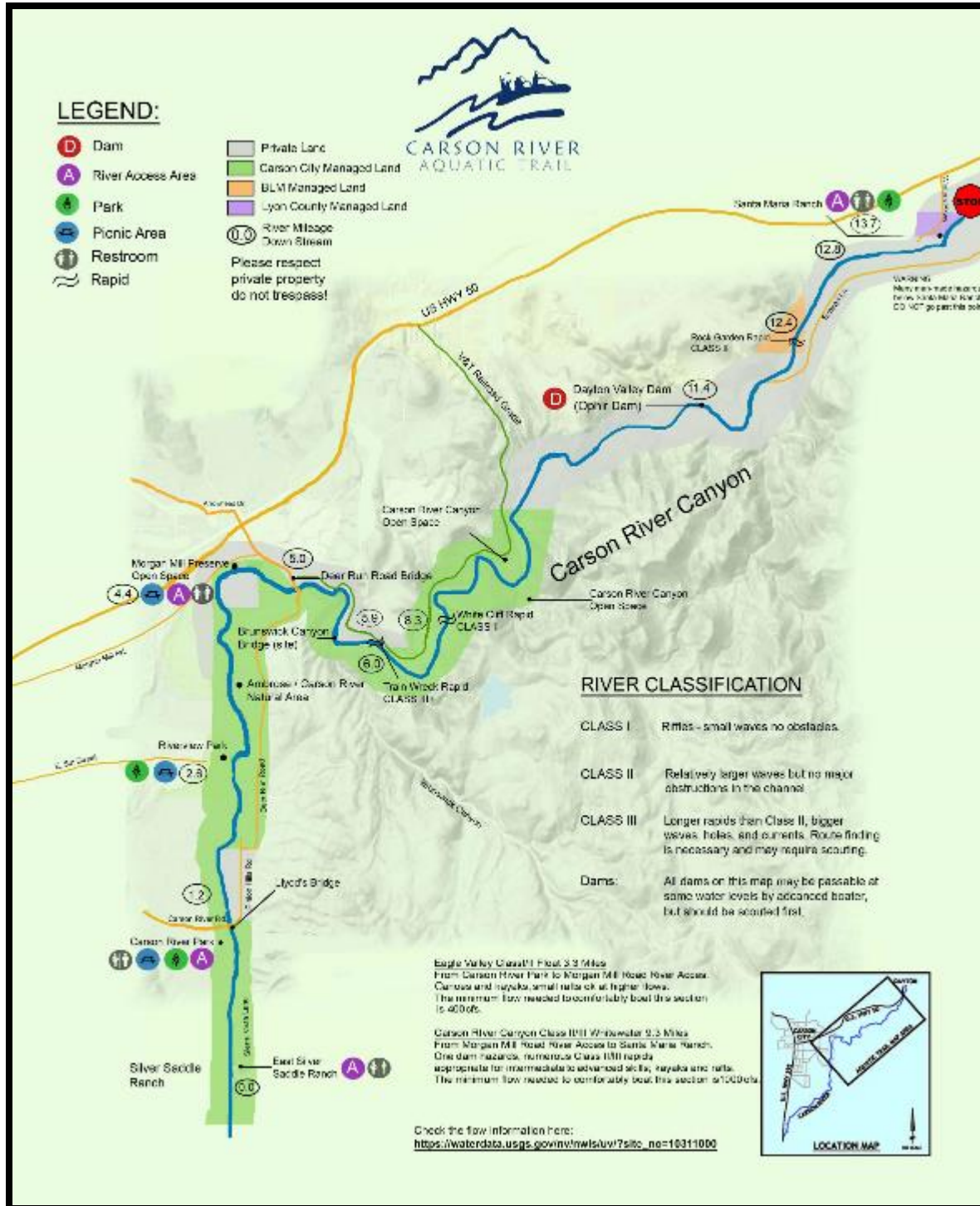
Morgan Mill:  
Aquatic Trail Information



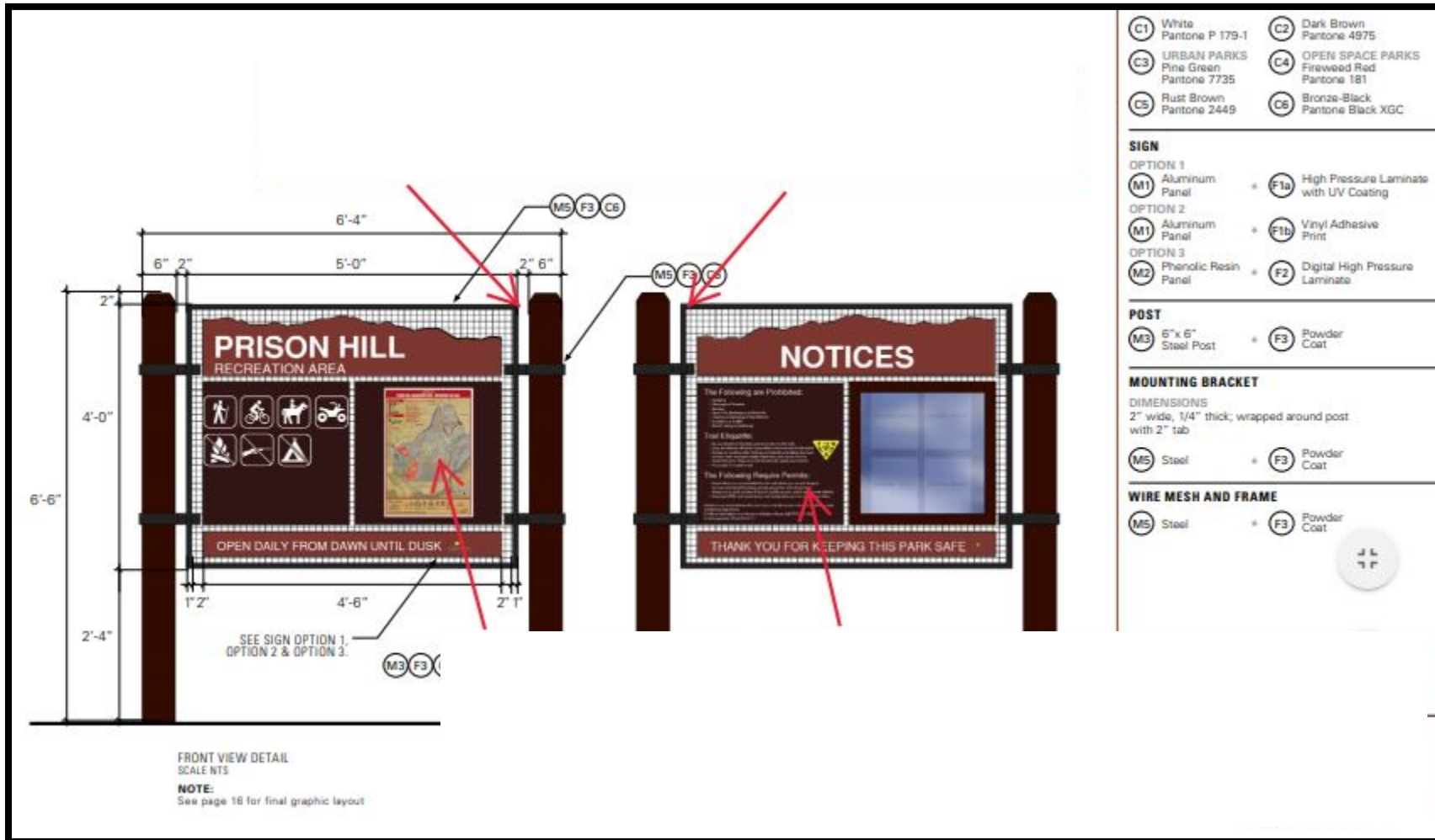
0 100 feet



Current Aquatic Trail Map



Info Sign Proposed Design







*1 Site of Mexican Dam Portage*





4 The Mexican Dam Portage Bill built in 2022





*5 The Mexican Dam Portage Bill built in 2022*





*6 Santa Maria Ranch No Boat Egress above Fish Ditch Dam*





*7 Monday Night Boat Club Volunteers introduces Residents at Silver Saddle Ranch*





*8 The Aquatic Trail is Beautiful at Carson River View*



*9 Aquatic Trail Users Below Carson River Park*





*10 Stunning Open Space Along the River – Carson River View*



**CARSON WATER SUBCONSERVANCY DISTRICT**

777 East William Street, Suite 110A

Carson City, NV 89701

775/887-7450, fax 775/887-7457

[www.cwsd.org](http://www.cwsd.org)

Nov 1, 2021

Subject: CWSD Grant Proposal under Recreational Trails Program 2022 Grants

Dear NV State Parks Non-Motorized Trail grant committee:

CWSD is grateful NV State Parks Non-Motorized Trail grant committee is considering our "Carson River Aquatic Trail" proposal. This is the second phase of last year's partially funded proposal. If awarded, we will develop uniform signage along the current extent of the Carson River Aquatic Trail (Carson City thru Lyon Co.) directing access, while providing safety, interpretation, and conservation messaging.

This proposal will update the current Carson River Aquatic Trail Map and create comprehensive online resources in both English and Spanish to support access, user safety, and conservation. With your support the existing Carson River Aquatic River Trail will be accessible to a broader and more diverse spectrum of our community.

Our partners and CWSD envision a 22-mile-long tri-county Aquatic Trail connecting Douglas, Carson City and Lyon Counties. This grant applicant will go a long way in demonstrating what a fully realized Carson River Aquatic Trail will look like and how it could function.

CWSD appreciates your time reviewing our proposal and looks forward to working with NV State Parks and our local trail community on this exciting project.

Thanks again,

Shane Fryer  
Watershed Program Specialist





**CARSON CITY, NEVADA**  
**CONSOLIDATED MUNICIPALITY AND STATE CAPITOL**

11/13/2020

Heather Giger, Nevada State Parks  
Park and Recreation Program Manager/State Trails Administrator  
901 S. Stewart Street  
5th Floor, Suite 5005  
Carson City, Nevada 89701-5248

Dear Ms. Giger and Recreation Trails Program Committee,

Please accept this letter of support and maintenance for Carson Water Subconservancy District's "Growing the Carson River Aquatic Trail" proposal. Carson City owns a significant portion of land along the Carson River corridor, where most of the existing aquatic trail, including the land identified for the Mexican Dam portage is located. This land has already been dedicated to an outdoor recreation trail open, accessible, and maintained for the use and benefit of the public. Carson City, through its Parks, Recreation and Open Space Department will operate and maintain the project, as part of its dedication to outdoor recreation and open space preservation for a minimum of twenty-five (25) years after the project completion date, as set forth in the Project Agreement.

We are proud to be a cooperating agency with this project and encourage the Committee's support for the benefit of the community. Please feel free to contact me with any questions.

Sincerely

A handwritten signature in blue ink that reads "Jennifer Budge".

Jennifer Budge, CPRP  
Director

