



# EAGLE RIVER COALITION

Protecting Our Local Watersheds

## Request for Proposal for Riverwalk at Edwards Restoration Project in Edwards, CO

The Eagle River Coalition (ERC) is requesting proposals from qualified consultants for environmental and engineering planning and design for a streambank erosion stabilization and restoration project at the Riverwalk in Edwards, CO. This project aims to mitigate overly steepened banks caused by excessive erosion while restoring/supporting the ecological health of the surrounding area and providing sustainable river access. The selected contractor will be responsible for the following aspects of the project; data collection, design, permitting, some construction oversight, and developing a monitoring plan.

Proposals must be submitted as one, single electronic file (PDF). via email to Peder Franson at [franson@eagleriverco.org](mailto:franson@eagleriverco.org) on or before 5:00 PM MDT, Friday, November 1, 2024.

If you have any questions or would like further clarification of any aspect of this request for bid, please contact Peder Franson at [franson@eagleriverco.org](mailto:franson@eagleriverco.org). He will address an initial round of questions until October 10. A second round of clarifying questions will be allowed from October 21 - 25. Responses to all questions submitted by consultants will be distributed by email to all parties and posted on the ERC website by Monday, October 28 2024.

Schedule	Deadline
Issue Request for Proposal	October 7, 2024
Questions/clarifications about RFP due	October 9 and October 25, 2024
Responses to questions emailed to all parties and posted on ERC's website (link will be provided in email)	October 28, 2024
Proposals Due	5:00 PM MDT, November 1, 2024
Select Consultant	By October 8, 2024
Issue Notice of Award & Begin to Finalize a Contract	October 11 - 15, 2024

## Riverwalk at Edwards Restoration Project Background

The Riverwalk at Edwards is a commercial and residential property adjacent to the Eagle River in Edwards, CO. The site offers access to multiple forms of leisure and recreation along the river, including fishing, picnicking and a walking/biking path. Its popularity has led to abundant social trails and damage to native riparian vegetation. Water quality issues stemming from the impacted vegetation, erosion and lack of adequate pollution filtration are notable, and community education is needed. Areas of significant concern include the steep east and west ends of the project site, where the steep drop to the river allows soils to sluff easily and excessively. These edges also pose safety concerns for anglers and others seeking river access. A concept restoration plan has been created, including sustainable trails, vegetation installation and interpretive signs. Eagle River Watershed Council (ERWC) is collaborating with the Riverwalk Property Owners Association (POA) and other local partners to implement the plan.

The project goals for the final project design is to address the areas of significant concern. This will be achieved by stabilizing the overly steep streambanks at the east and west ends of the project site and making them more resilient to erosion during high flow events. Additional benefits would be to develop a design that aims to strategically manage the surrounding riparian zones to support resilient streambanks that have not yet seen dramatic erosion issues so sustainable access to recreation and viewing opportunities can remain.

### **Background of the Eagle River Coalition**

Eagle River Coalition (Formerly Eagle River Watershed Council) has a mission to advocate for the health of the Upper Colorado and Eagle River basins through research, projects, and education. The Coalition strives to protect and enhance the high-quality natural, scenic, and economic values that our rivers and tributaries provide to the citizens, visitors, and wildlife of the Eagle River and Colorado River watersheds located in Eagle County.

Our organization has been working to achieve our mission since 1992, and has direct ties to the Eagle River Environmental Business Alliance which sought to improve water quality and river experiences following the Eagle Mine Spill in the late 1980s. Since then, we have achieved measurable progress in water quality throughout the watershed and grown as an organization to better serve our community.

### **Scope of Services & Deliverables**

#### Task #1: Data Collection & Interpretation

- Work with ERC and other project partners to determine what available data is applicable and acceptable for developing a 100% project design.
- Conduct site visits to collect additional relevant data that will inform relevant models that will inform the final design.
- Analyze and interpret data as needed to inform Task #2.



### Task #2: Natural Channel Design and Plan for Phased Construction

- Using data interpreted from Task #1 and existing concept design, develop 30%, 60% and 100% designs that meets the following objectives:
  1. Improve streambank stability reducing erosion and cohesively melding with present riparian habitat and floodplain function.
  2. Improve surrounding natural infrastructure to buffer against damage caused by various sources of erosion (High flows & foot traffic).
    - a. Maintain or improve surrounding hydrologic function using the bank stabilization design.
    - b. Identify areas in which fish habitat could be affected by hydrologic changes from the design and seek solutions to maintain or improve fish habitat.
  3. Provide solutions for sustainable river/riparian recreation access.

### Task #3: Provide Environmental Planning services to develop “NEPA ready” proposed action(s)

- Work with ERC staff as to create a Purpose & Need document
- Using the concept designs created in Task 2, work with ERC staff to identify and conduct appropriate data and resource-level field surveys to develop the plan and allow the project to be “NEPA ready”.
- Provide cultural resources support to ensure State Historic Preservation Office (SHPO) compliance.

### Task #4: Provide 3rd party support during National Environmental Policy Act (NEPA) environmental analysis, compliance, permitting, and planning.

- Complete any additional fieldwork not completed during the development of the proposed action.
- Collaborate with ERC staff on the NEPA process.
- Collaborate with the ERC stakeholder facilitator to ensure the Stakeholder Group is engaged at key milestones during the NEPA process.
- Prepare necessary reports, data reviews, and other documents for U.S. Army Corps of Engineers 404 permits to work within the stream, if necessary, based on the alternative chosen through either the Finding of No Significant Impact (FONSI) or Record of Decision (ROD).

## **Contents of Proposals**



Responses to the RFP should include a description of the following:

1. **Understanding the Work.** Demonstrate an understanding of the work and present an overall summary of what the Consultant determines is necessary to accomplish the goals of the project
2. **Project Approach.** Description of how the firm plans to complete these services (i.e. the approach), including any recommended changes or additions to the Scope of Services above. Provide any proposed strategies based on additional insight, capabilities, or perspectives of the Consultant. Clearly describe how the proposed Project Approach meets the goals of the project.
3. **Project Team.** Propose a project team including Consultant staff and subconsultant(s). Include resumes for individuals from all associated consultant(s) and any additional subconsultants. The resumes should emphasize recent experience of the project team and should include the following information:
  - a. Geographic location of the office to which the individual is normally assigned
  - b. Proposed responsibility and function on the team
  - c. Estimated percent of time and duration assigned to this project
  - d. Background, relevant experience, and education
4. **Anticipated Schedule.** The work is anticipated to start as soon as possible. Funding for construction is available through December 2028, but we would like to aim to complete this project by 2027 or earlier. However, the NEPA permitting process will likely be the factor that informs the timeline. Though we have provided a preferred schedule for task completion outlined above, we will consider adjusting this timeline, per the recommendation of the project partners and Consultant. To this end, we request that the Consultant submit a project schedule for consideration illustrating when each task will be accomplished.
5. **Estimated Costs.** Although the selection of a consultant will not be wholly based on cost, an estimate of costs for each task in the Consultant's Scope of Work must be included. We have currently secured \$30,000 for Project Design and Permitting. For Task 4, please include a base price and then a price option for a Catex, an EA and a price option for an EIS, as at this time we are unsure which level of NEPA will be required. This cost estimate, at minimum, shows the hourly rate of all team members, the estimated hours by task for each member, subconsultants costs by task, and other direct costs including proposed markups.
6. **Consultant Qualifications.** This section of the proposal should summarize the recent experience of the Consultant in performing related work. A maximum of five



projects, completed within the last five years, may be included. For each related project, please include the following information:

- a. Name of client
- b. Name and current contact information of primary client contact.
- c. Date pertinent work was completed.
- d. Specific role of the firm on this project.
- e. Initial Consultant contract amount and initial completion date.
- f. Final Consultant contract amount and final completion date.
- g. Involvement of staff proposed for Eagle River Coalition's project.

Information on projects completed by the firm that did not actively involve members of the proposed project team should be minimized. The above clients will be considered references by Eagle River Coalition that may be checked for finalists of this project.

7. **Project Management Plan.** The Consultant shall provide a brief project management plan for the work. The plan shall demonstrate the following:
  - a. Scope, progress measurement, and reporting
  - b. Schedule measurement and reporting
  - c. Staff and subconsultant team management

### **Selection Procedure**

Proposals will be reviewed and evaluated by Eagle River Coalition staff and board. This will be a selection process designated to identify the "best fit" of Eagle River Coalition and the Consultant, taking into consideration a variety of criteria including, but not limited to, the following:

1. Qualifications and experience (1 - 25 points)
2. Project team (1 - 10 points)
3. Project approach (1 - 20 points)
4. Ability to meet project schedule (1 - 5 points)
5. Past project references (references may be contacted during the review process) (1 - 10 points)
6. Quality of proposal (1 - 10 points)
7. Consultant fee (1 - 10 points)



**Appendix A: East End StreamBank Erosion Photos**  
**(Context and orientation of photos can be extracted from the Concept Design)**



P.O. Box 1477, Gypsum CO, 81637 | 970.827.5406 | [eagleriverco.org](http://eagleriverco.org)



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**Appendix B: Concept Design by AloTerra**



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# Riverwalk at Edwards Restoration Project

1/20/2021

Town of Edwards  
Eagle County, CO

Concept Design - Not for Construction

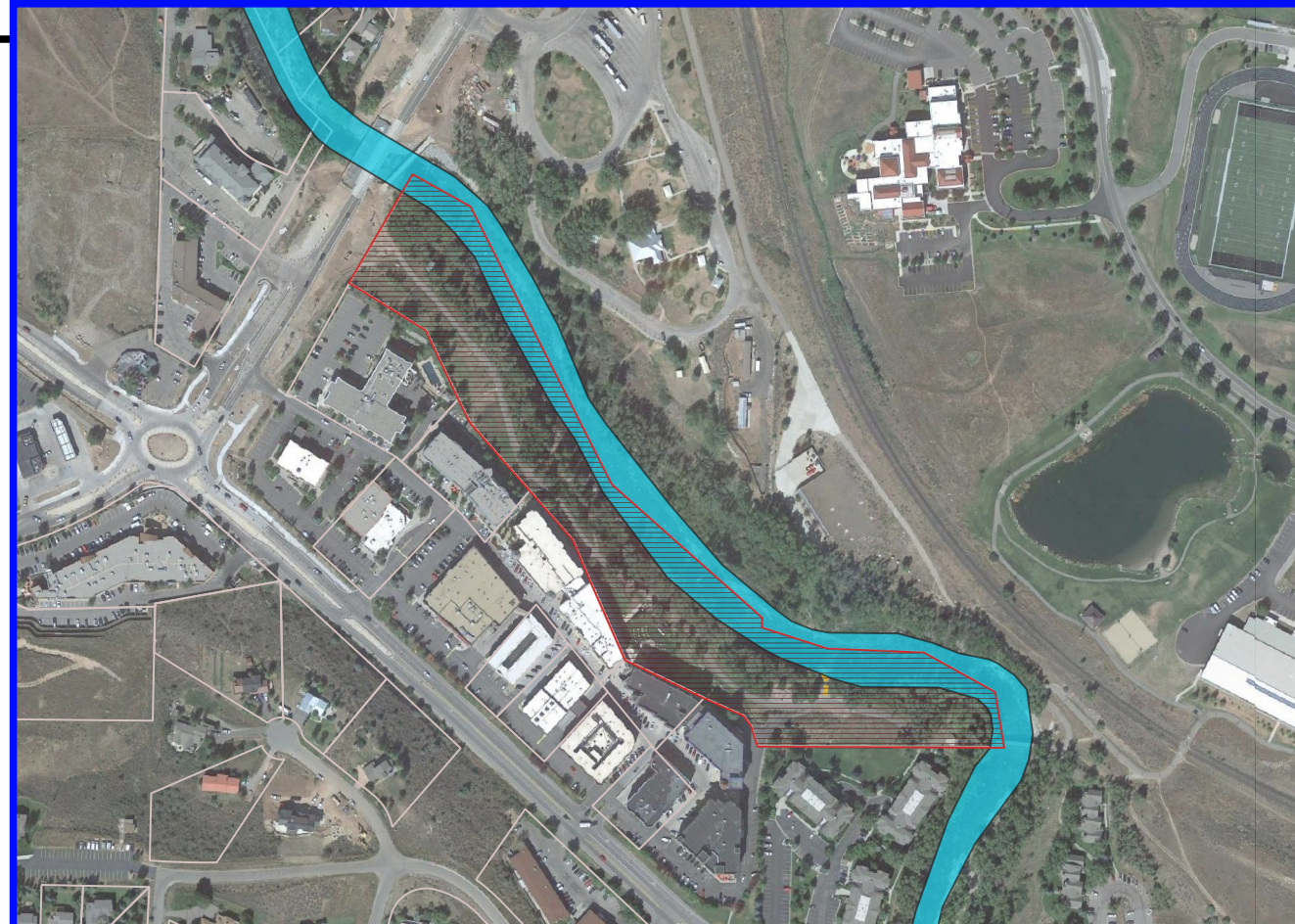
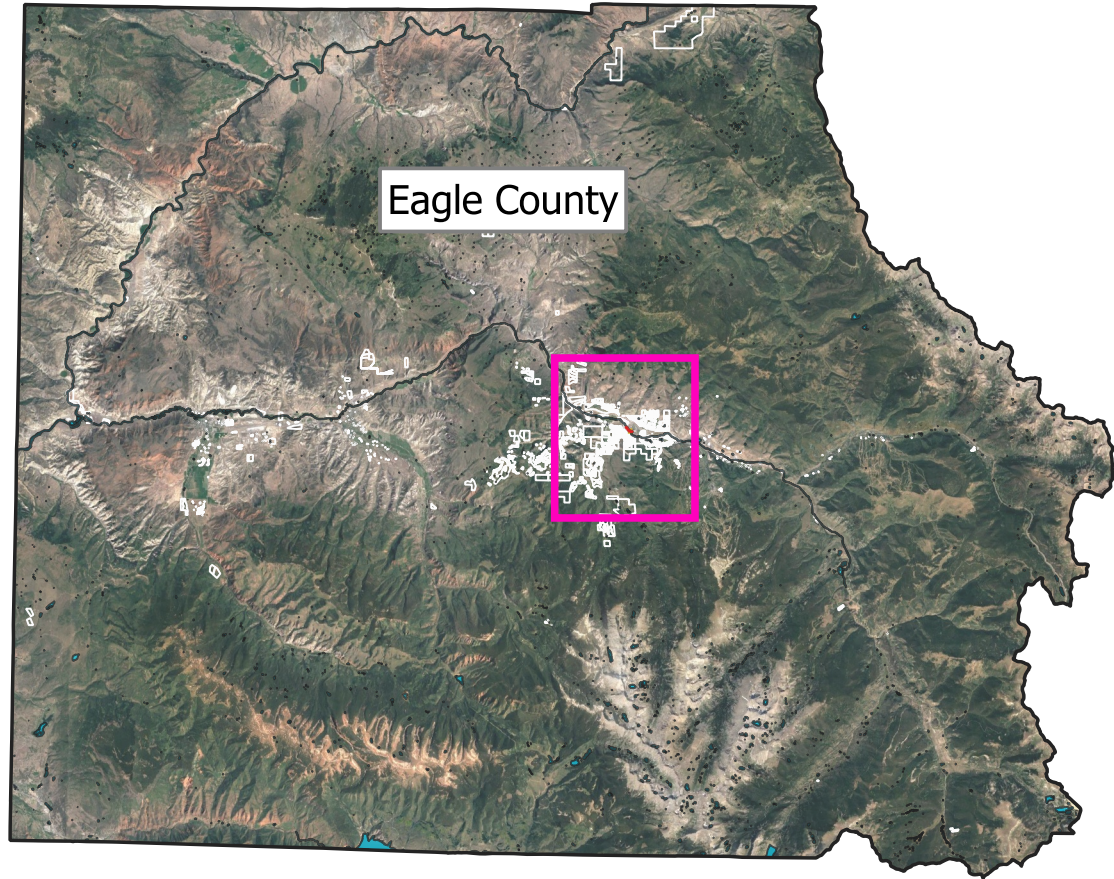
Project Coordinates (Lat/Long):

Upstream:

39.6458° / -106.5921°

Downstream:

39.6424° / -106.5873°



PREPARED FOR:



PREPARED BY:





Restoration Notes

Riverwalk - Edwards

**Restoration notes**

**Soils**

1. All soil applied to the site must be free of Colorado state noxious and Colorado a and b listed weed propagules and shall not contain more than 0.01% by dry weight of cheatgrass (*Bromus tectorum*), smooth brome (*Bromus inermis*), or Canada thistle (*Cirsium arvensis*). Project engineer or their representative shall approve all imported soil and fill for weed content before material is purchased.
2. A soil test shall be required for any imported soils, the results showing the following characteristics are not exceeded in soils that receive revegetation treatments, soils used in bioengineering treatments, or soil installed between or over riprap:
  - A. Soil ph shall be between 5.5 and 7.8.
  - B. Sodium absorption ratio shall be less than 8.
  - C. Soil organic matter shall be between 4% and 10% by dry weight, except where indicated in the plan set or in other restoration notes. The desired portion of recalcitrant organic matter (e.g., wood chips, pine needles, twigs, etc.) should not exceed 40% of the total organic matter by dry weight.
  - D. In general, nitrogen amendments are not recommended for native plant revegetation, except in very small quantities when a deficiency in native or imported topsoil is noted. Based on the soil test, nitrogen additions may be required by the project engineer or their representative.
  - E. Soil amendments may be provided for seeded areas on river-right floodplain (Check with Debbie Elay) by city contactor.
3. In seeded areas, if imported topsoil is deficient in nitrogen and low in organic matter, soil amendments used shall include biosol or richlawn or similar slow-release organic fertilizer and humate or similar as indicated in the plan set. Compost may also be incorporated with native soil to meet organic content requirements, if the resultant topsoil meets the above soil chemistry criteria.

**Plant material**

1. Container shrubs and trees shall be protected from rabbits and other wildlife using the "plant protection" detail in plan set (verify this in next design phase), only where plants are located above the bankfull elevation.
2. Containers (herbaceous and woody) shall be planted as specified in the typical details within the plan set, and in locations (hydrosere/zones) indicated in the plant palette and in plan view revegetation sheets.
3. Each plant container must contain a label identifying the species in the container. Labels shall be left with the plant and be available for inspection by the project engineer or project ecologist prior to installation, and must be kept in the ground following transplanting, for follow-up identification.
4. Ecotypic (i.e., Sourced from genetically local populations) plant materials are required when available. Refer to the plant materials yellow pages ([www.Southernrockiesseed.org](http://www.Southernrockiesseed.org)) for a list of vendors who carry ecotypic plant materials in Colorado. When ecotypes are not available, site adapted cultivars may be approved by the project engineer or project ecologist if they are suited to the unique conditions of the site. For the purposes of this project, ecotypes are those whose origin (cuttings, seeds, or berries) meets the following criteria: material is sourced not more than 1,000 feet higher or lower (and preferentially not more than 500 feet higher or lower) in elevation than the work site, and not more than 100 miles north or south of the work site.
5. Shrubs and trees planted as container stock or bare-root stock shall be encompassed by a 2" deep irrigation depression, including an irrigation berm, 18" in diameter from berm to berm.

6. Due to the poor condition of substrate in which container stock will be installed, amended backfill (approved loam soil mix with 30% organic matter by volume) shall be placed around root balls to a width at least twice the diameter of the root ball and to a depth of at least one quarter the depth of the root ball. Amended backfill shall be tamped moderately to remove air pockets and watered thoroughly while backfilling around the root ball. Roots shall not be exposed to air or air pockets at the surface or on any sides of the rootball.
7. Willow and/or cottonwood cuttings shall be installed within hydrosere (hydrologic zones) indicated in the plan set. These locations are generally at or near bankfull elevation, or in areas where the bottom 6" of a 4' cutting can be installed below the low season groundwater. Cuttings shall be those species specified listed in the plant palette of this plan set and installed at spacing listed in the plant palette. Harvesting and installation of cuttings (willow/cottonwood) shall follow the "field guide for harvesting and installing willow and cottonwood cuttings" ([www.Southernrockiesseed.org](http://www.Southernrockiesseed.org)). Cuttings shall be ecotypes harvested from native populations or sourced from nurseries whose chain of custody verifies the stock is of ecotypic sources (as defined in these notes).
8. All seed must be inspected by the contractor prior to installation, and all tags/labels must be maintained for documentation. All seed must be labeled as "certified" by the Colorado seed growers association and shall not include the presence of noxious or invasive species prohibited under the Colorado seed act. Seed must be free of Colorado state noxious and Colorado a and b listed weed propagules and shall not contain more than 0.01% by dry weight of cheatgrass (*Bromus tectorum*), smooth brome (*Bromus inermis*), or Canada thistle (*Cirsium arvensis*). Project engineer or their representative shall approve all seed mixes for weed content and substitutions before seed is purchased. Seed identification and certification tags shall be provided to the project manager for review and approval prior to use.
9. An ecologist should be consulted when reviewing weed-free seed, soil, and soil amendment products, including the list of potential weeds present in the product in question.
10. Seeding shall be broadcast at rates listed in seed mixes, raked into the soil surface to a depth of between 0.25 and 0.5 inches deep. If drill seeding is to be used, cut the seeding rates in half. The designated seed mixes shall be applied to areas as shown in the plan set.

PREPARED FOR:



PREPARED BY:



# Primary Access Points and System Trail

Riverwalk - Edwards



PREPARED FOR:



PREPARED BY:

LAYER PROJECTION: ESPG: 2232  
NAD 83 / Colorado Central

SOURCE OF MAP: Google Satellite Imagery

SHEET NO: 2 of 6





**Western Access Point**  
- Orientation to trail system  
- Welcoming  
- Signage  
- Close all surrounding social trails




**Maintain Fishing Access**  
- Currently Barren Soil  
- Revegetation unlikely without removing dense shady spruces  
- Fairly stable slope to river

**Enhance Viewshed of River**  
- Enhance viewshed of river by removing 5 small junipers, trim lower branches, and salvage shrubs >5' tall  
- Restore with native low shrubs  
- No impact to active floodplain  
- Use salvaged shrubs to restore other user impacts

**Eastern Access Point**  
- Maintain existing park feel  
- Orientation to trail system  
- Signage/education  
- Major restoration and improved trail access needed on north end

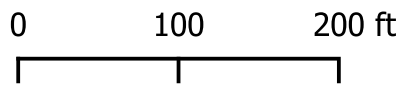
**Central Access Point**  
- Create natural "patio" to manage use and create secretive aesthetic (Max 1' tall. Native boulders)  
- Close surrounding social trails  
- Maintain access to river in immediate boulder lateral bar to north

-  Access Point
-  Enhance Viewshed
-  Cobble Wall
-  Delineate Primary System Trail

-  Close and Restore Social Trail \*
-  Create Secondary Trail
-  Log Staircase



\*Signs posted, "Restoration Area, Keep Out." Possible fencing.



# Restoration Features (West)

Riverwalk - Edwards



PREPARED FOR:



PREPARED BY:

LAYER PROJECTION: ESPG: 2232  
NAD 83 / Colorado Central

SOURCE OF MAP: Google Satellite Imagery

SHEET NO: 3 of 6

**Restore Failing Bank**  
- About 3 CY of grading  
- Toe stability and willow cutting  
- Erosion blanket and seeding

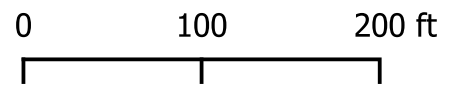
**Close and Restore Social Trails (No Access)**  
- Network of trails needs closure  
- Restore with native vegetation

**Habitat Restoration**  
- Close to access  
- Restore with willow cuttings

- Active Restoration
- Close and Restore Social Trails \*
- Close and Restore Social Trails \*
- - - Create Secondary Trail
- Access Point
- - - Delineate Primary System Trail
- Cobble Wall
- Log Staircase



\* Signs posted, "Restoration Area, Keep Out." Possible fencing.



# Restoration Features (East)

Riverwalk - Edwards



PREPARED FOR:



PREPARED BY:

LAYER PROJECTION: ESPG: 2232  
NAD 83 / Colorado Central

SOURCE OF MAP: Google Satellite Imagery

SHEET NO: 4 of 6

**Create Stable Trail**  
- Approx. 20' high embankment  
- Significant erosion from toe failure & users scrambling to river  
- Max. tread height 6"

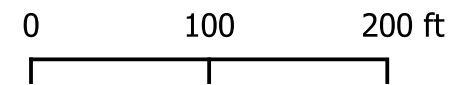
Maintain Existing Picnic Area & Eastern Access Point. Eagle County Easement?

Vegetation Manipulation for Viewshed

- Restore Eroding Bank
- Access Point
- Viewshed
- Habitat restoration
- - - Create Stable Trail
- Close and Restore Social Trails \*
- - - Delineate Primary System Trail
- - - Create Secondary Trail
- - - Cobble Wall
- Log Staircase



\* Signs posted, "Restoration Area, Keep Out." Possible fencing.





**Estimated Acreage by Hydrosere**

<b>Woody Containers</b>					Hydroriparian		Mesoriparian		Xeroriparian	
					Area (ac)	0.25	Area (ac)	0.5	Area (ac)	0.5
					Feet on Center	20	Feet on Center	15	Feet on Center	15
					Plants/ac	108	Plants/ac	193	Plants/ac	193
Type	Scientific Name	Common Name	Life History	Qty All Reaches	% in palette	Qty	% in palette	Qty	% in palette	Qty
D60	<i>Acer glabrum</i>	Rocky Mountain maple	NS	10	0	0	5	5	5	5
D60	<i>Alnus incana ssp. tenuifolia</i>	thinleaf alder	NS	11	40	11	0	0	0	0
D60	<i>Amelanchier alnifolia</i>	Saskatoon serviceberry	NS	5	0	0	0	0	5	5
D60	<i>Betula occidentalis</i>	water birch	NS	11	40	11	0	0	0	0
D60	<i>Cornus sericea</i>	redosier dogwood	NS	15	20	5	10	10	0	0
D60	<i>Crataegus rivularis</i>	river hawthorn	NS	5	0	0	5	5	0	0
D60	<i>Crataegus succulenta</i>	fleshy hawthorn	NS	5	0	0	5	5	0	0
D60	<i>Ericameria nauseosa</i>	rubber rabbitbrush	NS	10	0	0	0	0	10	10
D60	<i>Prunus virginiana var. melanocarpa</i>	black chokecherry	NS	48	0	0	20	19	30	29
D60	<i>Rhus trilobata</i>	skunkbush sumac	NS	10	0	0	0	0	10	10
D60	<i>Ribes aureum</i>	golden currant	NS	39	0	0	30	29	10	10
D60	<i>Ribes cereum</i>	wax currant	NS	10	0	0	0	0	10	10
D60	<i>Rosa woodsii</i>	Wood's rose	NS	19	0	0	0	0	20	19
D60	<i>Sambucus nigra spp. caerulea</i>	blue elderberry	NS	10	0	0	10	10	0	0
D60	<i>Sambucus racemosa</i>	red elderberry	NS	10	0	0	10	10	0	0
D60	<i>Symphoricarpos occidentalis</i>	western snowberry	NS	5	0	0	5	5	0	0
<b>totals:</b>				<b>220</b>	<b>100</b>	<b>27</b>	<b>100</b>	<b>97</b>	<b>100</b>	<b>97</b>

<b>Willow Cuttings</b>					Hydroriparian		Mesoriparian		Xeroriparian	
					Area (ac)	0.25	Area (ac)	0	Area (ac)	0
					Feet on Center	10	Feet on Center	0	Feet on Center	0
					Plants/ac	502	Plants/ac	0	Plants/ac	0
Type	Scientific Name	Common Name	Life History	Qty All Reaches	% in palette	Qty	% in palette	Qty	% in palette	Qty
5' cutting	<i>Salix exigua</i>	narrowleaf willow	NS	50	40	50	0	0	0	0
5' cutting	<i>Salix lucida ssp caudata</i>	shining willow	NS	38	30	38	0	0	0	0
5' cutting	<i>Salix ligulifolia</i>	strapleaf willow	NS	38	30	38	0	0	0	0
				<b>126</b>	<b>100</b>	<b>126</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Mesic Meadow/Mesoriparian Seed Mix

Scientific Name (USDA)	Common Name (USDA)	Cultivar or Ecotype	Life History	% Mix	Pounds PLS Needed	Price Per Pound (Est.)	Total Price/Proj. (Est.)
<i>Agrostis scabra</i>	rough bentgrass	CO Ecotype preferred	NPG-L	4	0.031	22.00	0.690
<i>Asclepias speciosa</i>	showy milkweed	CO Ecotype preferred	NPF	2	1.089	175.00	190.575
<i>Bromus ciliatus</i>	fringed brome	CO Ecotype preferred	NPG-L	8	1.329	30.00	39.868
<i>Calamagrostis canadensis</i>	bluejoint	Soughtdough	NPG-L	8	0.079	250.00	19.850
<i>Carex nebrascensis</i>	Nebraska sedge	0	NPG-L	7	0.514	150.00	77.072
<i>Carex pellita</i>	woolly sedge	0	NPG-L	8	1.005	170.00	170.848
<i>Carex praegracilis</i>	clustered field sedge	0	NPG-L	6	0.354	85.00	30.071
<i>Elymus canadensis</i>	Canada wildrye	Mandan	NPG-L	6	2.063	12.00	24.760
<i>Elymus lanceolatus ssp. lanceolatus</i>	thickspike wheatgrass	Critana	NPG-L	7	2.033	10.00	20.328
<i>Geum macrophyllum</i>	largeleaf avens	CO Ecotype (or VNS)	NPF	2	0.099	320.00	31.612
<i>Glyceria grandis</i>	American mannagrass	CO Ecotype preferred	NPG-L	6	0.184	65.00	11.945
<i>Glyceria striata</i>	fowl mannagrass	CO Ecotype preferred	NPG-L	4	0.922	100.00	92.245
<i>Helianthus nuttallii</i>	Nuttall's sunflower	CO Ecotype (or VNS)	NPF	2	0.523	100.00	52.272
<i>Heracleum maximum</i>	common cowparsnip	CO Ecotype (or VNS)	NPF	1	0.824	50.00	41.208
<i>Iris missouriensis</i>	Rocky Mountain iris	CO Ecotype (or VNS)	NPF	1	1.964	50.00	98.216
<i>Juncus arcticus ssp. littoralis</i>	arctic rush	CO Ecotype preferred	NPG-L	9	0.034	200.00	6.721
<i>Juncus torreyi</i>	Torrey's rush	CO Ecotype (or VNS)	NPG-L	5	0.016	150.00	2.390
<i>Mentha arvensis</i>	wild mint	0	NPF	2	0.016	800.00	13.068
<i>Mimulus guttatus</i>	seep monkeyflower	CO Ecotype (or VNS)	NAF	3	0.029	320.00	9.409
<i>Poa palustris</i>	fowl bluegrass	CO Ecotype (or VNS)	NPG-L	6	0.124	14.00	1.733
<i>Solidago canadensis</i>	Canada goldenrod	CO Ecotype (or VNS)	NPF	2	0.017	640.00	10.909
<i>Thermopsis divaricarpa</i>	spreadfruit goldenbanner	0	NPF	1	0.051	0.00	0.000

### Uplands/Xeroriparian Seed Mix

Scientific Name (USDA)	Common Name (USDA)	Cultivar or Ecotype	Life History	% Mix	Pounds PLS Needed	Price Per Pound (Est.)	Total Price/Proj. (Est.)
<i>Achillea lanulosa var. occidentalis</i>	common yarrow	Eagle or Yakima	NPF	1	0.017	28.00	0.471
<i>Achnatherum hymenoides</i>	Indian ricegrass	White River	NPG-L	6	2.039	7.00	14.273
<i>Adenium lewisii (CO native only)</i>	Lewis flax	rove (several native collections from)	NPF	2	0.325	25.00	8.121
<i>Artemisia frigida</i>	prairie sagewort	CO Ecotype preferred	NPF	2	0.021	70.00	1.490
<i>Asclepias speciosa</i>	showy milkweed	CO Ecotype preferred	NPF	2	1.331	175.00	232.925
<i>Balsamorhiza sagittata</i>	arrowleaf balsamroot	CO Ecotype (or VNS)	NPF	2	1.640	45.00	73.795
<i>Bromus ciliatus</i>	fringed brome	CO Ecotype preferred	NPG-L	6	1.218	30.00	36.546
<i>Bromus marginatus</i>	mountain brome	Cold Springs Ecotype	NPG-L	8	4.563	4.50	20.535
<i>Chamerion angustifolium</i>	fireweed	CO Ecotype (or VNS)	NPF	2	0.014	640.00	9.019
<i>Cleome serrulata</i>	Rocky Mountain beeplant	CO Ecotype (or VNS)	NAF	2	0.844	24.00	20.264
<i>Elymus canadensis</i>	Canada wildrye	Mandan	NPG-L	7	2.942	12.00	35.307
<i>Elymus elymoides</i>	squirreltail	Pueblo or Wapiti	NPG-L	7	1.747	15.00	26.204
<i>Elymus lanceolatus ssp. lanceolatus</i>	thickspike wheatgrass	Critana	NPG-L	4	1.420	10.00	14.197
<i>Elymus trachycaulus</i>	slender wheatgrass	San Luis	NPG-L	6	1.983	5.00	9.914
<i>Festuca arizonica</i>	Arizona fescue	Redondo	NPG-L	6	0.598	20.00	11.967
<i>Gaillardia aristata</i>	blanketflower	Meriwether	NPF	2	0.514	35.00	17.991
<i>Grindelia squarrosa</i>	curlycup gumweed	CO Ecotype (or VNS)	NBF	2	0.240	65.00	15.573
<i>Helianthus annuus</i>	common sunflower	CO Ecotype (or VNS)	NAF	2	0.833	18.00	15.000
<i>Monarda fistulosa</i>	wild bergamot	CO Ecotype preferred	NPF	3	0.103	200.00	20.535
<i>Oenothera villosa</i>	hairy evening primrose	CO Ecotype (or VNS)	NBF	1	0.023	160.00	3.651
<i>Pascopyrum smithii</i>	western wheatgrass	Rosana	NPG-L	7	2.946	6.00	17.678
<i>Poa secunda</i>	Sandberg bluegrass	Sims Mesa or High Plains	NPG-L	7	0.320	10.00	3.204
<i>Pseudoroegneria spicata</i>	bluebunch wheatgrass	Anatone	NPG-L	7	2.867	12.00	34.401
<i>Rudbeckia hirta</i>	blackeyed Susan	CO Ecotype (or VNS)	NBF	2	0.061	25.00	1.521
<i>Symphotrichum laeve</i>	smooth blue aster	0	NPF	2	0.109	0.00	0.000
<i>Thermopsis divaricarpa</i>	spreadfruit goldenbanner	0	NPF	2	0.123	0.00	0.000

Concept Design  
Not for Construction

DATE ISSUED:

1/20/2021

Seed Mix

Riverwalk - Edwards

PREPARED FOR:



PREPARED BY:



LAYER PROJECTION:

SOURCE OF MAP:

SHEET NO:

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