2022 Capital & Stewardship Projects

Board of County Commissioners, Dec. 7, 2021
Strategic Plan
Objectives

Monitor/Adjust

Project Charters

Work plans

Rank/Funding

Cycle diagram showing the relationship between Strategic Plan Objectives, Monitor/Adjust, Project Charters, Work plans, and Rank/Funding.
Ranking Criteria

2025 Strategic Focus:
1. Cultural Relevance and Inclusion
2. Resilience
3. Maintenance Backlog
4. Safety

Other Criteria:
• Impacts & Outcomes
• Urgency & Obligations
• Risks & Readiness
• Consultation & Collaboration
• Operations
2022 Capital & Stewardship Funding by Division

<table>
<thead>
<tr>
<th>Division</th>
<th>Capital</th>
<th>Stewardship</th>
<th>Total</th>
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<tbody>
<tr>
<td>Agricultural Resources</td>
<td>$289,500</td>
<td>$61,455</td>
<td>$350,955</td>
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<tr>
<td>Recreation &amp; Facilities</td>
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## Agricultural Resources Capital Stewardship Grants

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<thead>
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<th>Agricultural Resources</th>
<th>Capital</th>
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<th>Grants</th>
<th>Partner/Other</th>
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<tr>
<td>Produce Handling Facility</td>
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<tr>
<td>Center Pivot</td>
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<td>Well Develpmnt/Improvements</td>
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<td>$61,455</td>
<td>$78,000</td>
<td>$6,000</td>
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</table>
Hygiene Dairy Produce Handling/Washing Facility: $120,000

• 2022 Construction contract based on design funded in 2021 POSIP

• **Food Safety Modernization Act**: new guidelines for washing and storing produce

• Tenant will lease facility upon completion
Ertl Center Pivot: $50,000

• Contractor install center pivot
• $78k approved NRCS grant funding to tenant
• Applied for $50k stimulus grant
  • Also irrigation efficiency improvement grant from the Colorado Department of Agriculture.
• Total cost of system is estimated at $128,000 with final Electric.

Total Cost $103,930.72 South Pivot
Approximate Acres 40

** Does not include final electrical**
• Ag land rehabilitation will be required following the removal of prairie dogs. Rehab back to former/full productivity
Well Development & Improvements: $42,000

- Contract for well improvements at Carolyn Holmberg Preserve/Rock Creek Farm and Brewbaker Sorensen
- Initiates a larger program in concert with State Engineers Office to inventory and assess wells
Water Efficiency and Conveyance: $77,500

- Improve dam safety and water conveyance at Gaynor Lake
- Improve water use efficiency and reduce staff maintenance obligations at the Howell Ditch
- Gaynor contracted out because of interface with Jurisdictional dam, regulated by state
- Howell will be installed by staff

Flow stoppage and constriction at Gaynor Lake outlet
<table>
<thead>
<tr>
<th>Recreation &amp; Facilities</th>
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<td>Rock Creek Trail: 104th Street</td>
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<td>Walker Ranch Barn Reroof</td>
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<td>Heil Parking Capacity Increase</td>
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<td>McIntosh Barn Foundation</td>
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<tr>
<td>Signs, Stds &amp; Messaging Manual</td>
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<td>Castle Rock Climbing Improvmts</td>
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Rock Creek-Coal Creek Trail Connection/104th Street: $506,500

- Joint project with Louisville & Lafayette
- 2.1-mile trail connection between the Coal Creek and Rock Creek trails
- Completion of design & construction of Phase 1 in 2022
- Escalating costs
Coalton Trail Improvements: $20,000

- Fix steep section to meet ADA standards
- $20K to fund a cultural resource survey of the proposed trail corridor
- Submitted a CPW Non-motorized trails grant for $250K
- Trust for Public Lands grant for $150K
- commitment for $100,000 over 2 years from City of Boulder Open Space and Mountain Parks
Tolland Ranch Trail: Grant Funded

- 6.5-mile multi-use trail connecting West Magnolia with Jenny Creek
- $422,000 Construction contract with Timberline Trail Craft for two summer seasons
- Funding: Colorado the Beautiful Grant & Mike O'Brien Trust
- Three miles of trail completed thus far including work by Trails, Forestry, VOC and Teens, Inc.
Twin Lake Bank Stabilization & Erosion: $37,562

West Lake:
- Improve public access with dedicated entry points
- Stabilize severe erosion
- Reestablish trail with fencing to protect vegetation
Heil parking lot capacity increase: $50,280

- Additional parking spots at Main Trailhead with redesign of sections
- Design and construct new lot on the south end of the property near Left Hand Canyon Road
Sign Standards and Messaging Manual: $70,000

Goals for consultant:
• Set departmental standards for BCPOS’s numerous forms of public-facing signs
• Find appropriate and impactful ways to reach and communicate onsite messages with the public, regardless of their primary language.
• Include standards for Spanish interpretation and transcreation for each major type of sign.
Castle Rock Climbing Improvements: $20,000

- Final phase of 3-year project
- Partnership with Boulder Climbing Community/Front Range Climbing Stewards
- Consolidate and harden a trail system

2019 - Cost shared between BCC & BCPOS - $22,700
2021 - Cost paid by Mike O'Brien fund - $32,000
2019 - 439 Volunteer Hours
2020 - 47 Volunteer Hours (COVID Restricted)
2021 - 131 Volunteer Hours (COVID Restricted)
LoBo Trail Resurfacing Project: $54,550

2025 Strategic Focus:
• Addresses backlog in maintenance.
• Improves safety along trail by minimizing icy conditions during the winter.
Walker Ranch Hay Barn Reroof: $50,000

- Remove/Replace existing cedar shingles.
- Funding requested covers materials only. Work to be done by B&HP.
- Addresses maintenance backlog as well as protecting this historic building from further deterioration.
Lohr-McIntosh Barn Foundation Repairs: $30,000

Project Scope & Funding

• Structural repairs to address increasing barn foundation damage.

• Requested cost of $30,000 to cover the cost of the contractor's materials and labor.
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<tr>
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<td>Museums Master Interp. Plan</td>
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<td>N. Leopard Frog Habitat Improvemt.</td>
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<td>Diversion Struct. Adaptv. Managmt.</td>
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<td>Corona Hill Cheat Grass Control</td>
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Caribou/Sherwood Gulch Forestry: $102,500

- 2 Year Project on 100 acres
- Bid awarded to Summit Forestry
- Reduces overstory density while promoting a shift towards a ponderosa pine forest
- Mosaic forest structure of individual trees, clumps, and openings
- Diversity of age class, size class, and species
- Extra funding ($245,000) from State Fire Assistance (SFA) Wildland Urban Interface (WUI) grant awarded in 2019.
- Use at biomass plants

Dense untreated pocket next to more open structure
St. Vrain Forestry Yard: $85,596

- There is a need for a log storage facility in the lower elevation.
- Biomass processing for our two biomass boilers in the County.
- Project involves building access and a road to site. Visual screen plantings and sound barriers may be needed.
- Still in Land Use Process, hoping for approval in early 2022.

Log Deck Currently at Nederland CFSY
Invasive Plants Stewardship 2022!
Corona Hill Winter Invasive Grass Control Project  $35,000.00

Restore Ecological Function

An increase in floral resources, means increases in number of, duration of, and quality of, pollinator resources... which potentially leads to: Increase in pollinator species
Multi-Objective Diversion Structure Adaptive Management: $100,000

Project Goals:
- Structure and stream maintenance beyond construction warranty
- Ensure full delivery of water to water rights users in partnership with other stakeholders
- Maintain passage for water, sediment, and trout and transitional warmwater native fish species
- Ensure other ecosystem services of the projects are also maintained

Project Partners:
- Longmont Supply Ditch
- City of Longmont
- Niwot Ditch Company
- Unincorporated Ditch Owners
- St. Vrain and Left Hand Water Conservancy District
- Colorado Parks and Wildlife
- Colorado Trout Unlimited
- US Fish and Wildlife Service
Bush Pond - Northern Leopard Frog Habitat Improvement: $8,000

• Recover species of statewide concern with local agency working group.

• Adjacent OSMP pond is occupied by NLF to colonize Bush pond. Removing cattail to create habitat.

• OSMP to provide in-kind support including technical consulting and some physical labor. CPW also contributing assistance.
Master Interpretive Plans for Museums: $30,000

Hire a consultant to develop long range interpretive guidelines for:
• Agricultural Heritage Center
• Nederland Mining Museum
• Assay Office Museum

Update of educational themes to better reflect a more inclusive local human history
• culturally relevant language
• assess and update current programs signage, and training materials
• provide short- and long-term goals for future educational content and exhibits
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