<table>
<thead>
<tr>
<th>TIME*</th>
<th>ITEM</th>
<th>DESIRED OUTCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00</td>
<td>1. Waste Hauling Background Discussion</td>
<td>ATTACHMENT A Discussion</td>
</tr>
<tr>
<td>7:00</td>
<td>2. Annual Environmental Board Check-In</td>
<td>ATTACHMENT B Discussion</td>
</tr>
<tr>
<td>8:00</td>
<td>3. Annual Parks and Recreation Commission</td>
<td>ATTACHMENT C Discussion</td>
</tr>
<tr>
<td></td>
<td>Check-In</td>
<td></td>
</tr>
<tr>
<td>9:00</td>
<td>4. Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

* Please Note Times Are Approximate
Board of Trustees Agenda Memorandum

Item No: 1A

Meeting Date: April 17, 2018

TITLE: Background Information-Waste Hauling

SUBMITTING DEPARTMENT: Public Works

ATTACHMENTS: LBA Associates Presentation

BACKGROUND
The Town has retained the services of LBA Associates to assist with waste hauling discussions/decisions

DISCUSSION
The purpose of this meeting is to provide background information to the Board related to waste hauling facts and myths and to answer any questions the Board has related to this information. The goal is to provide everyone with the same information which will be used to inform future discussions and decisions concerning waste hauling regulations and process.

The Board has identified their top three priorities related to waste hauling. They are:

- Regulations protecting bears
- Waste diversion and managing our waste stream
- Addressing the number of trucks on the road

The contents of the attached presentation will be discussed in more detail at the meeting.

FISCAL ANALYSIS
N/A

RECOMMENDED ACTION
Receive the information and ask any questions you may have.

Prepared by: Kevin Schorzman

Town Manager
Town of Carbondale: Solid Waste Facts & Fiction

APRIL 17, 2018
TRUSTEE WORK SESSION
BASICS & BACKGROUND
Solid waste = ?

- Non-Hazardous Solid Waste
  - Municipal (MSW)
    - Residential (definition varies)
      - Commercial (business & institutional)
    - Non-Municipal
      - Construction Debris & Other

LBA Associates, Inc.
Tons managed by Pitkin County

OVERALL WASTE STREAM

Non-MSW approx 80%

MSW approx 20%

MSW ONLY

Organics 8,500 tons 22%

Recyclables 7,000 tons 18%

Other Diverted 2%

Landfill 22,800 tons 58%

2015 quantities & MSW composition data (all data expressed as percent by weight)

See next slide
Remaining potential for diversion in Pitkin County trash

Potential Organics, 32%
Organics = food, yard debris, food-soiled paper, biodegradable service waste, textiles

Trash, 42%

Potential Recyclables, 26%
Recyclables = glass, metals, plastic, paper (also ewaste, batteries, paint, etc.)

MSW Landfill Only
(trash slice from previous slide, expressed as percent by weight)
Colorado MSW Generation & Diversion (pounds per person/day)
### Regional MSW Diversion Rates

<table>
<thead>
<tr>
<th>Location</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Colorado</td>
<td>12%</td>
</tr>
<tr>
<td>Pitkin County</td>
<td>&gt;40%</td>
</tr>
<tr>
<td>Routt County</td>
<td>24%</td>
</tr>
<tr>
<td>Vail</td>
<td>24%</td>
</tr>
<tr>
<td>Rifle</td>
<td>24%</td>
</tr>
<tr>
<td>Carbondale</td>
<td>~23%</td>
</tr>
<tr>
<td>Aspen</td>
<td>&lt;20%</td>
</tr>
<tr>
<td>Silt</td>
<td>18%</td>
</tr>
<tr>
<td>Eagle County</td>
<td>17%</td>
</tr>
<tr>
<td>New Castle</td>
<td>15%</td>
</tr>
<tr>
<td>Garfield County</td>
<td>1%</td>
</tr>
</tbody>
</table>

**2036 CDPHE MSW diversion goals:**
45% statewide (15% rural, 51% urban)
Residential collection in Carbondale today

Containers – primarily 96-gal trash carts & 18-gal recycling bins

Monthly pricing/household may range
- From $23 for trash + recycling (RVR)
- $18 for yard & food waste organics (composting)

Facilities used
- Pitkin County & South Canyon Landfills
- PCSWC recycling drop site & compost facility
- Publicly & privately owned public drop sites
- Private recyclables transfer stations
- Out of valley recyclables processing facilities

Recycling participation – as high as 70%??

LBA Associates, Inc.
Specific challenges & opportunities:
- Western slope/mountain location – distance to recyclables processing & end markets
- Diverse population – outreach/education needs are substantial
- Consistent housing – 89% of housing units are 4 units or less
- High density close to Hwy 82 & I-70
- Proximity to landfill, recyclables drop-site & composting facilities
- Existing town collection ordinance & move by most RFV municipalities towards hauler policy

Carbondale has already determined that waste diversion is an important community value
## Wildlife interactions

<table>
<thead>
<tr>
<th>Existing options for minimizing</th>
<th>Possible Future Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure</td>
<td>Better Town enforcement</td>
</tr>
<tr>
<td>Use wildlife-resistant container</td>
<td>Allow alternative containers</td>
</tr>
<tr>
<td>Only leave containers out during collection hours (some residents don’t have space to “bring in”)</td>
<td>Require wildlife containers for any non-enclosure</td>
</tr>
<tr>
<td></td>
<td>Penalty-triggered requirement</td>
</tr>
<tr>
<td></td>
<td>Education</td>
</tr>
</tbody>
</table>

*Photo courtesy of Int’l Grizzly Bear Committee*
MYTHS THAT NEED BUSTING

LBA Associates, Inc.
Myth #1 – Open markets work better than regulation

- Colorado’s MSW diversion rate is still only 12% (versus national 35%)
- Driven by
  - Low landfill tip fees
  - Limited local markets
  - High transportation costs
# Collection options

<table>
<thead>
<tr>
<th>Open Market w/o Regulation</th>
<th>Open Market w Regulation</th>
<th>Public Contract w Private Provider</th>
<th>Municipal Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>One or more service providers (residential &amp; commercial)</td>
<td>One or more service providers (residential &amp; commercial)</td>
<td>Municipal contract with 1 or 2 haulers (mostly residential)</td>
<td>Very limited customer choice (mostly residential)</td>
</tr>
<tr>
<td>No regulation beyond general nuisance &amp; safety</td>
<td>Municipal code requires • Diversion • Pricing incentives • Standardized service/containers • Reporting</td>
<td>Typical service contract • Have muni or hauler do billing • Can “control flow” • Reporting &amp; performance stds</td>
<td>Muni investment in collection system, crews, service</td>
</tr>
<tr>
<td>Customer choice</td>
<td>Customer choice</td>
<td>Default hauler</td>
<td>Default hauler</td>
</tr>
<tr>
<td>No public policy options – may provide diversion</td>
<td>May require diversion &amp; data reporting</td>
<td>May limit haulers, may require diversion &amp; data</td>
<td>May provide diversion</td>
</tr>
<tr>
<td>Minimal muni risk</td>
<td>Minimal muni risk</td>
<td>Shared risk</td>
<td>All risk is muni's</td>
</tr>
</tbody>
</table>
Myth #2 – Recyclables get taken to the landfill, why should I bother?

Good & bad explanations
- Contaminated recyclables can/should go to the landfill
- Pitkin County limits recyclables from private haulers to 40 tons/year per hauler – does some overflow end up in trash?

Possible future solutions
- Better education to improve public recyclables quality
- Adjustment to PCSWC cap
- Hauler education
Myth #3 – Hauling recyclables to out of valley facilities erodes all environmental benefit

<table>
<thead>
<tr>
<th>Material</th>
<th>Production Savings (MMBTU ton collected)</th>
<th>&quot;Break-Even Point&quot; (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Truck</td>
</tr>
<tr>
<td>Aluminum</td>
<td>177</td>
<td>121,000</td>
</tr>
<tr>
<td>LDPE</td>
<td>61</td>
<td>41,000</td>
</tr>
<tr>
<td>PET</td>
<td>59</td>
<td>40,000</td>
</tr>
<tr>
<td>Steel</td>
<td>19</td>
<td>13,000</td>
</tr>
<tr>
<td>Newspaper</td>
<td>16</td>
<td>11,000</td>
</tr>
<tr>
<td>Corrugated</td>
<td>12</td>
<td>9,000</td>
</tr>
<tr>
<td>Office Paper</td>
<td>10</td>
<td>7,000</td>
</tr>
<tr>
<td>Boxboard</td>
<td>6.5</td>
<td>4,400</td>
</tr>
<tr>
<td>Glass (to bottles)</td>
<td>1.9</td>
<td>1,300</td>
</tr>
</tbody>
</table>

"Break-even point" is where energy used to transport recyclables = energy save with same material displace virgin feedstock – from Oregon Dept of Env Quality (David Allaway, 2017)
Myth #4 – Recycling is the only way to go

**RECYCLING CHALLENGES**

- Single-stream contamination
- Lack of consistency & guidelines
- Pitkin County spends 3X managing recyclables as landfill tons

**COMPOST OPPORTUNITIES**

- Big “bang for the buck” in MSW
- Proximal compost facility
- Tip fees less than for landfilling
- “Cons” of organics recovery
  - New carts, routes/streets, costs
  - Only two organics haulers now
  - Increased wildlife attraction
Recyclables market variability
(office paper example since 2001)
Myth #5 - Volume-based pricing won’t work in Carbondale

Over 7,100 communities disagree

Has been shown to increase waste diversion by as much as 50%

Creates an incentive to recycle

Is a utility-based, equitable system

Allows customer choice

<table>
<thead>
<tr>
<th>Trash Container</th>
<th>Recycling Container</th>
<th>Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td></td>
<td>1X – for example $20</td>
</tr>
<tr>
<td>Medium</td>
<td>At least small</td>
<td>2X - for example $40</td>
</tr>
<tr>
<td>Large</td>
<td></td>
<td>3X – for example, $60</td>
</tr>
</tbody>
</table>

- Volume-based pricing is also referred to as unit-based pricing, variable pricing & pay as you throw (PAYT)
- This mechanism can also be a hybrid mix of variable + flat pricing

LBA Associates, Inc.
Volume-based pricing (continued)

BUT to work effectively, volume-based pricing must
- Have big enough price differentials to create a tangible incentive
- Have at least service two size options (can be multiple units of same size or same size collected at different frequencies)
- Understand hauler challenges (setting initial pricing, inventorying new carts, prohibiting trash overflows)
- Address unique multi-family situations
- Be accompanied by effective public outreach & education
IF YOU REALLY
PUT YOUR MIND TO IT,
YOU CAN CUT YOUR HOUSE-
HOLD GARBAGE DOWN TO
ONE BAG PER WEEK.
Myth #6 — Changes will take away my choice & drive up my bill

Even in a single-hauler system, the customer can choose

- What level service to subscribe to (small trash container can reduce bill)
- Can decide whether to actively recycle/compost
- Can determine option for wildlife protection

These choices typically decrease monthly customer bills

- Limiting the number of haulers serving the same neighborhood
- Reducing trash volumes (but adding recycling & organics routes will add costs)
- Reducing collection frequency (such as from weekly to every-other-week)
- Sharing containers
## Open market examples (with regulation)

<table>
<thead>
<tr>
<th>COMMUNITY</th>
<th>RULES?</th>
<th>UNIQUE FEATURES</th>
<th>ISSUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspen</td>
<td>Yes</td>
<td>Mandatory recycling for <strong>all</strong> generators</td>
<td>Drooping diversion rate</td>
</tr>
<tr>
<td>Vail</td>
<td>Yes</td>
<td>Requires commercial entities to provide guest &amp; customer recycling</td>
<td>Struggling with data collection</td>
</tr>
<tr>
<td>Fraser</td>
<td>No</td>
<td>Pre-paid trash bag &amp; recycling drop site</td>
<td>No regional LF – high transportation</td>
</tr>
<tr>
<td>Summit County</td>
<td>Yes</td>
<td>Excludes glass from single-stream recycling</td>
<td>Controls flow to county landfill</td>
</tr>
<tr>
<td>Boulder</td>
<td>Yes</td>
<td>Requires residents &amp; businesses to subscribe to recycling and composting</td>
<td>Trash tax on residents &amp; commercial accounts funds other programs</td>
</tr>
<tr>
<td>Fort Collins</td>
<td>Yes</td>
<td>Only city in Colorado to have cardboard disposal ban</td>
<td></td>
</tr>
</tbody>
</table>

*All have PAYT except Summit County - all have mandatory recycling service except Fraser, Summit*
Single-hauler contracts

**LOCAL EXAMPLES (GARFIELD COUNTY)**

New Castle* (5 yrs) — enterprise fund
- Serves residents up to 3 units, all collection on one day
- PAYT (3 sizes) with single-stream recycling
- Yard waste collection at no add’l cost (for landfill use)

Rifle* (7 yrs) — enterprise fund
- Serves residents up to 3 units, collection 4 days/week
- PAYT (2 sizes) with 2-stream recycling

Silt* (18 yrs)
- Serves residents up to 7 units, all collection on one day
- One trash cart/flat rates with dual-stream recycling

River Valley Ranch* (4 yrs)
- All collection on one day
- One trash cart/flat rates with single-stream recycling

* Not strong public opposition when town moved to single hauler system

**OTHER EXAMPLES**

Western Colorado
- Eagle (6,800) — up to 4 units, flat rates with recycling
- Fruita (12,900) — up to 3 units, flat rates with recycling
- Telluride (2,500) — marginal volume-based rates, recycling at add’l cost, residents must buy bear-proof carts, plastic bag ban

Front Range
- Edgewater (5,300) — PAYT, seasonal yard waste service at add’l cost
- Manitou Springs (5,300) — up to 7 units, flat rates with recycling
- Sheridan (6,000) — weekly trash, every other week recycling
- Superior (11,000 mostly in HOA) — separate HOA/town contracts, 2 96-gal carts/flat rates with recycling, all collection on one day
## Unsuccessful single-hauler efforts

### Fort Collins - 2008 study
- Estimated potential $170k/year savings on streets
- Estimated 140 tpy CO₂ reductions
- Did not change collection – strong opposition from local hauler/customers

### Arvada – 2011 study
- Estimated household service costs would decrease ~30%
- City council not involved (not educated & not prepared for public process)
- Strong opposition from small local haulers & political groups
- Did not change in 2011 but re-evaluating in 2018

### Westminster – 2017 procurement
- Council started procurement process to select a single hauler
- Struggled with whether/how to include HOAs & if homeowners could opt out of service
- Did not change collection system – public was opposed to loss of hauler choice

---

LBA Associates, Inc.

25
## Municipal Collection Examples

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cortez</strong></td>
<td>Provides residential trash + multi-stream (6) recycling up to 7 units</td>
</tr>
<tr>
<td>(enterprise)</td>
<td>Residential PAYT trash + recycling, also public drop sites</td>
</tr>
<tr>
<td><strong>Craig</strong></td>
<td>Serves single-family, some larger units &amp; some of Moffat County,</td>
</tr>
<tr>
<td>(enterprise)</td>
<td>Flat curbside trash collection fees, drop-site recycling only</td>
</tr>
<tr>
<td><strong>Durango</strong></td>
<td>Provides residential trash to 7 units, recycling without-glass to 3 units</td>
</tr>
<tr>
<td>(enterprise)</td>
<td>Residential PAYT trash + recycling, can serve multi-family &amp; business</td>
</tr>
<tr>
<td><strong>Grand Junction</strong></td>
<td>City collects residential trash up to 7 units</td>
</tr>
<tr>
<td>(enterprise)</td>
<td>Private hauler collects residential recyclables up to 5 units (5 streams)</td>
</tr>
<tr>
<td><strong>Snowmass Village</strong></td>
<td>Curb side residential trash to 3 units – drop-site trash + recycling to</td>
</tr>
<tr>
<td></td>
<td>others</td>
</tr>
<tr>
<td></td>
<td>Pricing for trash + recycling based on flat annual fee + monthly curbside</td>
</tr>
<tr>
<td></td>
<td>cost</td>
</tr>
</tbody>
</table>

LBA Associates, Inc.
NEXT STEPS
Public process for waste issues

Need Town goals & basic policy components
Need good representation of stakeholders
Need good information & time for discussion
Need Trustee participation
Are these solid waste collection goals still valid?

The Evolution of the Waste Can

- Greater landfill diversion
- Fewer bear interactions
- Less truck traffic
- As well as?
  - Control customer costs (hauler pass-through costs)
  - Greenhouse gas reductions
  - Minimize staff oversight
Key policy components (for evaluation on May 8th)

Applicability to residents up to 7 units or other definition?
Include RVR & other HOAs/neighborhoods?
Contract with one or two haulers only?
Mandatory recyclables and/or organics collection?
Volume-based pricing?
Town billing?
Wildlife container requirements?
Data requirements & use?
Customer education requirements for hauler(s)?
Enforcement by Town?
Thanks for your time

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Kevin Schorzman, Public Works Director
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kschorzman@carbondaleco.net

Jay Harrington, Town Manager
970.510.1206
jharrington@carbondaleco.net

Carbondale, Colorado
Carbondale Environment Board
2018 Work Plan

INTRODUCTION AND APPROACH

FOCUS AREAS

- Implement the Carbondale Climate Action Plan
- Improved Waste Management
- Organize Dandelion Day
- Educational Program – Label Trees
- Provide Input into the Town’s Lighting Ordinance
- Provide Input into weed management
INTRODUCTION AND APPROACH

The Carbondale Environment Board (EBoard), “provides analysis and recommendations to the Town Board of Trustees (BOT) regarding environmental issues including coordinated development, the handling of issues within the Town and its environment which will, in accordance with present and future needs, best promote health, safety, order, convenience, prosperity, and the general welfare of the Town and its citizens.”

Examples of how the EBoard has contributed to Carbondale’s environmental issues recently include: organizing Waste Diversion Day, organizing Household Hazardous Waste & E-Waste Day, organizing Dandelion Day, helping facilitate the City Market bag ban, advise Town on use of chemicals and pesticides for weed management, and promoting the importance of natural habitats in Town.

The purpose of the 2018 Eboard 2018 Work Plan is to provide direction for areas the EBoard will focus time and resources in 2018. The Work Plan is intended to be a guide, and not an overly prescriptive document. Furthermore, so that the EBoard can best respond to environment issues for the Town, this plan will be revised as needed.

The EBoard consists of dedicated volunteers who have broad expertise in the environmental field and town management. The 2018 EBoard includes:

Kate Bolton, Vice Chairperson
Joseph DeMoor, Member
Julia Farwell, Alternate
Garrett Fitzgerald, Member
Jim Kirschvink, Member
Patrick Hunter, Member
Sandy Marlin, Member
Scott Mills, Member
Jose Miranda, Member
Becky Moller, Member
Colin Quinn, Chairperson

Alice Laird, CLEER/GCE Representative
Sarah Gruen, CORE Representative

Heather Henry, Board of Trustee Liaison
Mark O'Meara, Town Staff Liaison

Angie Sprang, Town Staff
Alyssa Rydell, honorary member
FOCUS AREAS
The focus areas outlined below will guide the EBoard’s efforts in 2018. Each of the focus area has a subcommittee within the EBoard that will help drive specific action items. In addition, while not highlighted below, education and outreach are an integral aspect of each focus area.

Implement the Carbondale Climate Action Plan
One of the EBoard’s priorities for 2018 is to help implement the Carbondale Climate Action Plan. This plan is a strong tool for the Town to use to help reduce emissions, prepare for climate change, and encourage sustainable growth now and in the future. The challenge is how to implement the plan. The Eboard plans to focus on a few key areas of implementation within the plan:

- **Energy use in Buildings**: We will use metrics to identify current emissions and realistic future emissions for buildings. The EBoard aims to:
  - Promote new building codes outlined by the International Energy Conservation Code to be net-zero by 2030.
  - Educate architects and builders to join the DOE Zero Energy Ready program.
  - Implement Home Energy Rating Systems (HERS) Index listed in homes MLS, this will identify the most energy efficient home.

- **Transportation**: The overall goal for transportation is to reduce emissions by encouraging more walking, biking and public transit. Illustrative activities the Eboard will contribute to include: Research and synthesize existing data on how people get around town to set a baseline for progress moving forward; identify areas of greatest impact for decarbonization, and work with the appropriate people in Town to identify potential municipal vehicles that can be replaced with electric vehicles.

- **Renewable Energy**: To reduce emissions by expanding renewable energy use in Town we aim to expand renewable energy use for the buildings, and advocate for renewable policies at the local, regional, and state level.

- **Climate Resilience**: To be better prepared for the impacts of climate change, the Eboard will explore the need for the town to improve climate resilience, focusing particularly on water challenges and local food production and purchasing.

Improved Waste Management
The EBoard plans to focus on waste management, plastics reduction and bag use by focusing on the following categories for action.

- **Organize Waste Diversion Day** and identify how to systematically have waste diversion and hazardous waste days. This year’s Waste Diversion Day is scheduled for April 28. After the event this year, we will review the program, and develop a plan for next year.

- **Potentially work to expand the bag ban**: We have had discussions with Aspen, Breckenridge, and Silver City and conducted research on many other small towns on their bag ban. We would like to approach businesses with requests to voluntarily switch to paper and recyclable bags before mandating new regulations.

- **Promote less plastic use. Not just bags, but other forms of plastic**: Consider plastic reduction programs and potentially create a slogan to reduce plastic use. This may include joining a
national plastic reduction campaign. The Eboard will make a recommendation to the Trustees to promote less plastic use.

- **Assist the Trustees in finalizing a Waste Ordinance Plan:** The EBoard will review and comment on developments of the Waste Ordinance Plan.

**Organize Dandelion Day**
The EBoard has organized Dandelion Day for several years. We are in the process of organizing Dandelion Day again, which will be help May 12th. The goals of the EBoard for 2018 Dandelion Day are to:

- Bring farmers to the event to share knowledge and promote community engagement with local agriculture
- Start a design competition to involve people in town and the valley to generate ideas for beautiful, resilient, food-producing lots
- Successfully put on the 20th Annual Dandelion Day!

**Educational Program – Label Trees**
As part of the educational and ecological services that the EBoard can provide Carbondale, we aim to label trees throughout town. The idea is simple: label trees with scientific and common names so that community members and visitors can learn about and enjoy their surrounding trees. The Eboard was discussed this idea with the Tree Board in 2017, and several ideas, such as creating a ‘tree walk’ through our parks with an interactive map, or partnering with Carbondale Arts to create tree labels, were suggested. In addition, we will consider labeling trees to qualify for arboretum status, which opens up funding, tourism, and other possibilities.

**Provide Input into the Town’s Lighting Ordinance**
In 2016 the Board of Trustees revised the Town’s outdoor lighting regulation. The EBoard intends to provide input to the Trustees about how to implement these guidelines, and provide dark sky education efforts in Town.

**Provide Input into weed management**
The Eboard will provide input into the Town’s Weed Management Plan.
TOWN OF CARBONDALE
511 COLORADO AVENUE
CARBONDALE, CO 81623

Board of Trustees Work Session Agenda Memorandum

Item No:
Meeting Date: April 17, 2018

TITLE: Parks & Recreation Dept. Q1 update & Q2-4 projected work plans

SUBMITTING: Eric Brendlinger- Parks & Recreation Department

ATTACHMENTS: Pickleball Presentation, RFP Red Hill Trails, Master Plan Chapter 4 Color Coded

BACKGROUND: Update of the work plan and budget goals for Q1 and projected for Q2-4 of our FY-2018 budget.

Parks & Recreation Administration

1. Acquired Garfield County Federal Mineral Lease District mini-grant for a park improvement project that dovetails with our master plan recommendations. Fall FMLD mini grant for Bonnie Fisher Park fence, Sopris Park playground ADA equipment replacement. ($25,000) Applied for a Spring 2018 FMLD mini grant to continue the park improvements wish list with a focus on park bathroom improvements, i.e.- roof repairs, door repairs, partition replacement, paint and solar power retrofit. Fall FMLD Traditional grant for Third Street Center East Entrance and Parking Lot Improvements was not accepted.

2. Roaring Fork Pickleball Association (RFPA) approached the Parks & Recreation Commission to research the opportunity for town land that could be used for dedicated pickleball courts. Asking P & R Commissions to advise the TOC Trustees that RFPA has already raised $20,000, has $30,000 committed, and could produce in a timely manner the targeted $50,000 match for a GOCO grant of $150,000 to support an 8-court Pickleball Pavilion at an estimated cost of $200,000. 1/2 acre of land would be needed for the courts and then additional land for parking. P & R Commission gave the group feedback that they support pickleball and that the existence of matching funds for a grant could potentially change the priorities for capital improvements. They also shared that present grant and budgeted matching funds have existing master plan priorities. Without a potential town owned land option for dedicated pickleball courts, the P & R Commission felt the existing Parks & Recreation master plan priorities will remain in place for near future grant requests.
Potential granting sources-
- GOCO LPOR (Local Parks Outdoor Recreation) grant. One cycle per year, Nov-2018
- Traditional Garfield County FMLD Grant 2 cycles per year, February and August
- New FMLD Collaborative Grant August 2018 or February of 2019
3. Gateway RV Park Improvements: Create a business plan for Gateway Park to actualize the existing master plan goals, (Q4). Adapted the three individual tent sites to RV sites. Group Tent site would be able to be reserved through direct camp host correspondence. Improvements to the water storage system are underway to allow for better water delivery and water pressure for park users (Q2). Researching and budgeting the adaptation of the large rv sites and full hook up sites to 50 amp power pedestals (FY-2019). Increased RV Park Fees by $5.00/ night making large rv sites with full hookups $40.00/ night, smaller rv sites with water and electric $30.00/ night.

4. A Town of Carbondale Request For Proposals (RFP) has been produced seeking a design/build firm to submit proposals for planning, community outreach and construction of new trails at the newly acquired Red Hill property. The Red Hill Trails Project RFP had a deadline for submittal of April 16th 2018. AVLT put together a stakeholder Committee, consisting of AVLT, Red Hill Council, BLM, Pitkin County Open Space, Roaring Fork Outdoor Volunteers, Town of Carbondale Parks & Recreation Commission and the Bike, Pedestrian and Trails Commission to review proposals. Trustees will award a contract to the successful firm at a meeting in May. RFOV has a hiking trail project build on the property starting on July 24th. The construction schedule for the other multi-use trails will be set by the contractor and depend upon final design and how the trails enter into the existing trails and BLM land (Q2-4).

5. Get PCI chip card reader compliant with operations at the recreation center and pool (Q2-3).

**Parks Department**

1. Continue revegetation, along with noxious weed control methods with the use of Avenger, a non-chemical, non-toxic method to maintain the appearance and user safety of the North Face Bike Park. Hire a sub-contractor for initial spring bike park maintenance (Q2).

2. Utilize the Conservation Trust Fund to replace existing trash cans with bear proof trash cans in Town Parks.

3. Repaired park bathroom doors and installed auto locking function at History Park bathroom (Q1).

**Recreation Center:**

1. New Youth & Adult Athletics Recreation Coordinator, Will Tempest, hired in February.

2. New membership fees structure and Family pass definitions have been well received.

3. Increase marketing to the Latino community with a radio campaign focusing on membership opportunities, scholarships and youth and adult sports leagues (Q2-3).

4. Upkeep and maintenance (Q1). Completed the LED Retrofit of the facility. Conducted repairs on the membrane roof to fix leaks. Painted interior of facility. Rental chairs professionally cleaned. Repaired outside exercise are with upgraded hanging structures for rings and heavy
bags. Purchased additional auto belay and additional group exercise equipment. Will replace water heater (Q3-4).

5. Subscribed to InDesign and Photoshop Adobe software packages for coordinators.

6. Retrofit one of the East Patio doors to be automatic to upgrade our ADA accessibility (Q3-4).

Swimming Pool:

1. Community Pool Forum information, pool survey data and the public presentation power point is available on the home page of the Carbondale Recreation website. [www.carbondalerec.com](http://www.carbondalerec.com)
   Next steps: formation of a Friends of Carbondale Parks & Recreation Committee, apply for a planning grant in August 2018 through traditional FMLD Planning grant process ($60,000) or in November 2018 for a GOCO Planning grant ($75,000) for a potential March 2019 award. ($18,500 RSUT Reserve Match)

2. Provide additional options for aquatic based fitness classes. i.e.- Aqua Zumba, Aqua Zen.

3. New heater to replace number two heater for large pool, lane lines, wading pool repairs (Q2).

4. Repairing metal door frames on outside of pool locker rooms (Q2).

Recreation Programming:

1. Continued to produce two sheets of ice for public use (Gus Darien and 4th St. Plaza Park)
   Purchased new downtown rink package.

2. Continue to provide a positive community experience with our special events and scrutinize the ability to enhance existing events with sustainability and cost recovery in mind. These events include, Family Skate Night (Became Snow Dance in 2018), Easter Egg Hunt, Easter 5 K Scavenger Hunt, Spring into Wellness. Upcoming events include Bike Week Bike Rodeo, Spring into Fun Family Block Party, Skate Park Competition, Bike Park Competition and Potato Day, Our Town-One Table, our annual Pickleball Tournament, and the Celticfest and Octoberfest.

3. Continue to be involved with the Garfield County Healthy Community Coalition. Continuation of the local HEAL committee and collaboration with Live Well Colorado, Roaring Fork Food Alliance, Cooking Matters, Garfield County Public Health, and the Colorado State University extension programs and instructors

Prepared By: Eric Brendlinger, Parks & Recreation Director

Jay Harrington  Town Manager
Pickleball

The Fastest Growing Sport In the USA!

Needs a home in Carbondale!

A presentation to the Town of Carbondale
Parks & Recreation Commissioners & Staff
February 14, 2018

Clyde Alberts
Chairman
Roaring Fork Pickleball Assn
970-989-3039
clydealberts@gmail.com

Jim Noyes
Avid Advocate
970-389-9997
jepnoyes@gmail.com
Pickleball
The Fastest Growing Sport in the USA!

Participation up 12% in 2017 despite court shortage

Nearly 3 million players....8-80+...male & female

Venues up 25% to 6,000....still not nearly enough

Substantial growth projected

Other major adult sports flat or down

Other vital signs

USAPA a professional oversight organization
Pickleball Magazine both online and in print

Pickleball Channel (www.pickleballchannel.com)

US Pickleball Open Apr ’18...2000 entrants...CBSSN
Naples FL marketing as "Pickleball Capital of the World"....800 in ’15

Arvada CO Gold Standard...24 courts @ $1.7 million!
Jeff Cty Open Space & Apex P&R Dist $$$

Huntsman Senior Games Oct ’18 capacity controlled
700 entrants chosen via lottery as demand off the charts

Entrepreneurs on the band wagon
Pickleball Zone OR; Smash Park IA; Chicken N Pickle MO

Very popular sport for handicapped
Pickleball

*The Fastest Growing Sport in the USA!*

**WHY ???**

Easy to learn and easy to progress

Appeals to all ages 8-80+...male & female

Enjoyable at entry level & at 5.0 level

Stresses finesse, patience & strategy vs power & speed

Primarily outdoors....but indoors growing

More fun and sociable than other major sports

Mostly doubles...tournaments will bracket by age and ability level; Co-Ed very popular

Inexpensive...paddles $20-$100

Competitive & Athletic

Very popular with handicapped athletes

At 34’ x 64’ (2,176 sq ft) courts require very little land. Approximately 30% of a tennis court.

8 court pavilion less than half-acre

Maintenance insignificant
Pickleball
*The Fastest Growing Sport in the USA!*

**Local Activity**

Gypsum repurposed underutilized tennis courts in 2017 and built 8 Pickleball courts for $175,000 ($21,875/ct). Considered a huge success. Funded entirely by Parks & Rec District.

New Castle built 2 tennis courts and 2 Pickleball courts, the latter estimated at $22,000/ct. No private funding.

Currently under evaluation at Crown Mountain.

Carbondale-based Roaring Fork Pickleball Assn (RFPA) has grown from a handful of players to 135 dues-paying members in 3 years....more players than members!

See Addendum for current TOC/P&R shared court access. Much appreciated by RFPA!!
Pickleball
The Carbondale Vision

Eight (8) Outdoor courts...budget $200,000...under ½ acre

Meet rapidly growing demand for quality court access

Facilitate development in RE-1 schools with PE, clinics and events

Potential collaboration with Challenge Aspen and others to support handicapped athletes

Potential tournaments to attract visitors and raise funds for maintenance.

How?
RFPA raising $50,000 of private “kickstarter” funds

TOC P&R to designate land

TOC to initiate grant applications to GOCO in Oct ‘18 and Garfield County in Mar ‘19

Design process to begin as soon as land designated

RFP shortly thereafter; Target build Q2-3 2019
Addendum

Pickleball Shared Court Access

Rec Center Drop-In (indoor season)*
Tues & Thur 6-8am; 1:30-3:30pm
Sat 8-11am
3 courts (overflow except early AM)

Rec Center “Golden Paddle League”
Sun 5-8pm (Feb 18-Apr 15)
3 courts; 35 entrants (Sold Out)

Darien Tennis & Pickleball Courts (Outdoors)
Mon 9am-noon**
Wed 5pm-8pm**
Fri 9am-noon**
Sat 9am-noon (reserved)
6 courts (overflow weather permitting)

*Subject to cancellations for Fashion Show etc

**Shared w/tennis players when they show up
Town of Carbondale  
511 Colorado Avenue  
Carbondale, CO 81623  

REQUEST FOR PROPOSAL  
COVER SHEET  

Date: March 30, 2018  
Proposal Title: Red Hill Special Recreation Management Area Public Trail Scoping Design Build Project.  
Proposals will be received until: April 16th, 2018  
4:00 p.m., MDST  
Town Hall  
511 Colorado Avenue  
Parks & Recreation Director’s Office  
Carbondale, Colorado 81623  
Goods or services to be delivered to or performed at: Town of Carbondale  
For more information please contact Eric Brendlinger: 970-510-1277 (office)  
Email Address: ebrendlinger@carbondaleco.net  
Documents included in this package: Request for Proposal Cover Sheet  
Request for Proposal Document  
Appendix:  
- Property Survey  
- 2 Garfield County Land Explorer Maps  
- Google Earth Existing Trailhead POV  
- Google Earth Proposed New Trailhead POV  
- HP Kumar Geo Hazards Review report  
- BLM Red Hill Overview Map  
- Red Hill Council SRMA Trail Map  
- AVLT “Save Red Hill” Campaign material  
- AVLT Successful Campaign Press Release  

If any of the documents listed above are missing from this package, they may be picked up at Carbondale Town Hall, 511 Colorado Avenue, Parks & Recreation Department.
Red Hill Trails Project.

The undersigned hereby affirms that (1) he/she is a duly authorized agent of the Contractor, (2) he/she has read all terms and conditions and technical specifications which were made available in conjunction with this solicitation and fully understands and accepts them unless specific variations have been expressly listed in his/her offer, (3) that the offer is being submitted on behalf of the Contractor in accordance with any terms and conditions set forth in this document, and (4) that the Contractor will accept any awards made to it as a result of the offer submitted herein until July 13, 2018. Please return this with your proposal.

PRINT OR TYPE YOUR INFORMATION

Name of Company: ___________________________________________ Fax: __________

Address: ___________________________ City/State: ___________________________ Zip: _________

Contact Person: _______________________ Title: ___________________________ Phone: _________

Authorized Representative’s Signature: ___________________________ Phone: _________

Printed Name: _________________________ Title: ___________________________ Date: _________

Email Address: ________________________________
REQUEST FOR PROPOSALS

For

Red Hill Trails Project

Issued By:
Town of Carbondale, Colorado

Proposal Requests Due:
April 16th, 2018, 4:00PM MDST

Mail or E-mail To:
Town of Carbondale
Attn: Parks & Recreation Director- Eric Brendlinger
511 Colorado Avenue
Carbondale, CO 81623
(970) 510-1277
ebrendlinger@carbondaleco.net
NOTICE OF REQUEST FOR PROPOSALS

Carbondale, Colorado – Red Hill Trails Project
Design/Build Services

I. PROJECT OVERVIEW & OBJECTIVES

Background:

The BLM Red Hill Special Recreation Management Area (SMRA) is a year round multi-user non-motorized trail system for bikers, hikers, and horseback riders presently accessible via a ¼ mile walk or ride up Garfield County Road 107. The parking lot for this trail system is adjacent to the Highway 82 and Highway 133 intersection. The parking area on the north side of Highway 82 is often filled to capacity and is used by commuter carpool vehicles also. When this parking area is at capacity vehicles then park on the roadway and the side of the road near the intersection. CDOT and Garfield County Road & Bridge are planning to reconfigure the Red Hill intersection, and re-align the county road to accommodate necessary safety and parking capacity improvements. County Road 107 is presently an unimproved, mountainous, winding, narrow dirt road with limited visibility and blind curves. With motorized traffic also using the road this creates a potentially unsafe and dangerous visitor experience between vehicles using the roadway and pedestrian/bike users wishing to access the trail head.

The land located to the north west of the existing parking, a 25 acre parcel at the base of the SMRA, is privately owned, zoned for commercial development and has been for sale for many years. Aspen Valley Land Trust (AVLT), whose mission is to permanently preserve open lands for agriculture, wildlife habitat, scenic enjoyment and recreation in the greater Roaring Fork and Colorado River valleys, realized that the land’s commercial zoning would someday invite development. With the price of the parcel being recently reduced, AVLT entered into a contract to purchase the property so that the open space could be preserved and to eliminate the possibility of potential future commercial development. AVLT’s purchase of the property allows for the creation of desperately needed trailhead parking, which accomplishes one of the main goals by reducing conflicts between vehicles and pedestrian/bike users on County Road 107. A fundraising campaign called Save Red Hill was conceived in 2017 by AVLT. The goal of the project fundraising was to raise enough money for the purchase of the property, to fund the design and construction of a trail (or trails), and create a fund for long-term management and maintenance of the property. The fundraising campaign was successful. Currently, AVLT and the Town are working to place a permanent conservation easement on the property, and to make public access possible. AVLT intends to transfer ownership of the property to the Town of Carbondale in the near future.

The intent of this REQUEST FOR PROPOSAL is to obtain a qualified person, firm, or Corporation, hereafter referred to as "Contractor", to provide comprehensive professional
services to plan, design and construct access trails from this recently acquired property to the existing trails on the BLM Red Hill Special Recreation Management Area.

The Town of Carbondale intends to enter into a contract with the Contractor for design and construction services for the Red Hill Trails Project. Specific services include, but will not be limited to: site analysis, conceptual trail design, trail construction cost estimating, trail development, and construction. The selected Contractor will be responsible for preparing a contract for professional services, relative to this project, for mutual party review and approval, and incorporation within a standard Town of Carbondale required contract.

The successful selected Contractor team will work with the Town of Carbondale Town Manager, the Parks & Recreation Director, and the Public Works Director, to develop the Red Hill Trails Project to meet needs and expectations as part of a project stakeholder process.

II. RED HILL TRAILS SCOPE OF WORK

The selected Contractor will provide all trail planning design services in addition to the trail building construction services for this project. The successful Contractor will need to demonstrate experience with public outreach and effective stakeholder communication. The Contractor will need to be versed in the public trail planning processes and have the necessary experience to conceptually design the proposed trails. The Contractor will need to demonstrate the skills and background to build soft surface trails as well as experience of building multi-use trails in challenging geological terrain. The project will include all materials, labor and equipment necessary to design and construct one or two multi-use trails that can accommodate pedestrians, bikes, and horses; which, will connect to existing trails on Red Hill Special Recreation Management Area (BLM). The project will also include the conceptual design of a hiking trail alignment, which will be used by Roaring Fork Outdoor Volunteers (RFOV) to construct a trail from the property to the existing hiking trails on Mushroom Rock. These trails will be designed in accordance with the limitations of the site topography, in agreement with the BLM official review processes, and could include NEPA and Archeological and Historical Preservation Act study findings for the portion of the conceptual alignment located on BLM property. The final trail design and construction will need to address issues and incorporate feedback from the public stakeholder process.

Project tasks include:

1. **Pre-RFP Submittal Tour of Site, Stakeholder Introduction**
   This will be a public process requiring collaboration with many organizations and individuals. The creation of a stakeholder steering committee with guidance and involvement from Aspen Valley Land Trust, will be necessary to have the organizations with historical, present, and future interests in the property represented. Meeting with
stakeholder Steering Committee members to clearly define the process will be paramount to the project’s success. A mandatory tour of the property site will be held prior to the RFP submittal deadline to develop a “hands on” understanding of the location, and to gain “on the ground” input from other members of the Steering Committee team. (See Item VIII for proposed dates and times). The stakeholders have identified three project objectives. All objectives must be evaluated for potential conflicts between trail users while providing the best possible trail experiences.

a) Close existing trailhead to get pedestrian and bike traffic off of county road -107. Re-route existing trails (namely Blue Ribbon and Three Gulch) to come together at new trailhead on new property.

b) From the new trailhead, have a high-grade pedestrian trail that connects to the hiking trails toward Mushroom Rock.

c) From the new trailhead, create a wider, multi-purpose trail to connect to existing trails, (namely Blue Ribbon and Three Gulch) at existing intersections.

2. Project Start-up Meeting, Work Plan
The scope of the project start up should contain the following items:

1. A proposed time-frame schedule and tentative meeting dates, keeping in mind that the public process and conceptual alignment of the hiking trail will need to be completed by July 5, 2018, to align with scheduled volunteer trail building time frames for the RFOV hiking trail connection project.

2. The work plan will be presented detailing the team approach to the project. The work plan should include specific tasks, a description of the process, schedules and reviews to be completed, and an explanation of how the design steering team interacts and functions with the design/build team.

3. Present other viable trail options if different from stakeholder findings to date.

3. Project Scoping, Base Mapping & Site Analysis Study:
Review and analyze each of the following factors/characteristics as they pertain to the site:

1. Vehicular, bicycle, and pedestrian access routes and options
2. Necessary or beneficial relationships to nearby surrounding facilities, neighborhoods, properties and future property improvements
3. Existing or required utilities, for future development expansion
4. Topography
5. Wildlife & bird habitat
6. Vegetation
7. Runoff mitigation
8. Surface drainage, sustainable trail tread designs
9. Rock fall mitigation
10. Signage
Develop a topographic map showing 5' or 10' contours at least 20 feet on either side of the proposed trail center line. Utilize existing baseline geo-technical report for master planning, trail alignment and cost estimating purposes. Prepare the site inventory, site analysis map(s), and conceptual design to be presented to the stakeholder group for approval and further refinement (if necessary) prior to public open house displays.

4. **Community Outreach:**
Formulate and develop a marketing plan including at least three public open house sessions, which will be conducted prior to finalizing the trail design. Open house meetings will be facilitated by the Contractor with logistics and local marketing strategies support from the steering committee. Expertise will be needed during the public outreach to present the engineering and sustainable trail design techniques used to create the trails. The public process will be targeted towards various user groups with a vested interest in the final design. These meetings will inform the public about the site, discuss issues, concerns, ideas and concepts regarding this community trail asset. One of these open houses should focus on the Latino community of trail users. The open house trail design meetings should contain the following:

1. An overview narrative of the community trail building process now underway, with detailed information on the trail building challenges and inherent limitations dictated by topography at the site.
2. Consistent information gathering processes at each open house, to assist in determining the needs and desires of local residents regarding how they would like to see this park property developed.
3. Provide rendered property site plans, character sketches of key trails showing how they link to existing trail network(s), and digital versions of all exhibits.
4. A marketing plan ensuring public knowledge of the opportunity for public comment and involvement. Detail of the advertisement techniques of the announcement invitation on date, time, and location of upcoming Citizen’s Public Workshop to gather community input on trial options and design elements.

5. **Design services**
Based on information gathered during the public process, select a preferred site trail plan, define preferred elements of the trail plan and develop a preferred schematic plan for property trails.

1. Address landscaping and aesthetics and various trail designs for appropriateness, effect, hazards, buffering concepts, required maintenance, longevity and sustainability.
2. Complete all design development drawings required for such a project. Identify and evaluate specific park use area locations for all facilities. Address traffic
flows (pedestrian, bicycle, automobile) for appropriate linkages, safety, future parking connections, functionality and efficiency.

3. Develop construction documents and specifications for the project that meet national trail building norms.

4. Develop fabrication and construction documents and specifications for all engineered/ built trail features for the project that meet industry norms and best practices.

5. Present preferred trail plan to a joint meeting of the Parks & Recreation Commission, the Bike, Pedestrian & Trails Commission, Aspen Valley Land Trust and the Red Hill Council. Present final report at a regularly scheduled Town Trustees meeting.

6. Construction services

1. Complete all necessary contracts and required permits with the Town of Carbondale and assist in any BLM permitting processes if necessary, including any permits or contractor licenses for subcontractors.

2. Construct the trail(s) according to the construction documents.

3. Designate a contact person who will communicate with Town during construction process and will provide updates as requested.

4. Complete closeout of the project including addressing punch list items. A written warranty consistent with the warranty terms included in the Contractor’s proposal shall be provided to the Town of Carbondale at the completion of the contract.

III. CONDITIONS OF PROPOSAL SUBMITTAL

This proposal is to be a not-to-exceed price submittal. All proposing Contractors shall comply with all conditions, requirements, and specifications outlined within this RFP. Proposals should include all of the information requested in this RFP and any additional data that the respondent deems pertinent to the understanding and evaluating of their proposal response. Failure to provide requested information or any significant deviation from what is requested within the RFP will result in rejection of the proposal. The Town reserves the right to request clarification or additional information necessary to assist in the Town’s selection. A duly authorized official of the proposing Contractor submitting the proposal must sign the proposal. All aspects of the proposal shall be valid until July 13, 2018.

At the discretion of the Town, Contractors submitting proposals may be required to make presentations as part of the evaluation process. The Contractor should not withhold any
information from their written response in anticipation of presenting the information orally, since presentations may or may not be required. The Town will not reimburse the respondents to this RFP for any costs associated with the preparation and submission of said proposals, or in the preparation for or attendance at a presentation. The Town of Carbondale will not return proposals, or other information supplied to the Town, to proposing Contractors.

All proposals, and the materials submitted within the proposal, shall become the property of the Town of Carbondale. The Town shall have the right to use all ideas and adaptations of ideas contained in proposals received.

IV. EVALUATION OF PROPOSALS & SELECTION CRITERIA

Proposals will be evaluated on the basis of the Evaluation Criteria noted herein. The evaluation will include a review of the Red Hill Trails preliminary proposal submitted, the proposed not-to-exceed cost for services including a fee schedule for all aspects of the project. The Contractor selected for the award will be chosen on the basis of the apparent greatest benefit to the Town in regard to the Red Hill Trails. The Selection Committee will review the responses to the RFP and will rank the Contractors based on the criteria set forth in this section. The criteria that will be used to evaluate the proposals include, but are not limited to, the following, in no particular order of importance:

1. Qualifications and experience of the General Contractor firm as indicated by prior successful completion of similar projects.
2. Qualifications and experience of the key individuals who will be assigned to this project, particularly the project manager who will be the lead person on the project, as indicated by prior involvement in similar projects.
3. Ability of the General Contractor to self-perform the majority of the work.
4. Qualifications and experience contracting under a design-build delivery method.
5. Quality of public outreach proposal.
6. Specific approach to the construction phasing of the project.
7. Demonstrated ability to meet time and budget requirements.
8. Detailed warranty information and quality of warranty.
9. Demonstrated understanding of the needs of the Town both in service cost and in the scope of the services offered.
10. Knowledge of project background, needs, goals, limitations and special considerations
11. The degree to which the proposal matches the terms of the Request for Proposal.

The Town of Carbondale reserves the right to accept or reject any or all submittals received in response to this solicitation, with or without express reasoning. The Town also reserves the right to waive any informalities and/or minor irregularities in submittals received, as determined at the
sole discretion of the Town of Carbondale. Finally, the Town of Carbondale reserves the right to communicate with any bidders in order to clarify any aspect(s) of their submittals.

V. PROPOSAL SUBMITTAL REQUIREMENTS

All proposal responses submitted must address each of the following with all information as requested herein and any additional information necessary to summarize the overall benefit of the proposal to the Town of Carbondale. Please be advised that the greater the degree of specificity, the more likely it will be for the Town to review your responses favorably. Proposal submittal responses should include, but are not limited to, the following information.

A. Cover Letter that includes the name, mailing address, telephone, and email address of the Contractor. This letter shall be signed by the person having authority to make the proposal and who will be the person signing the formal contract with the Town. Either include within your cover letter (OR) attach to the cover letter a complete description of your design/build team. Include the number of years you have been doing business and the prior experience you have had with similar contracts/agreements. Include information related to the prior experience your team has had with the Design/Build services delivery method.

B. Organizational Chart showing all key individuals who will be assigned to this project. Provide either resumes or information of key team members including previous project experience. Include roles and responsibilities for each key team member.

C. List of Previous Trail Projects. A narrative is needed that shows the firm’s understanding of the project scope and the tasks that need to be completed. Describe your firm’s approach to the project, planning methodology, and how it will mesh with accomplishing the Town’s Red Hill Trails Project. Provide current contactable references. Include contact names, addresses, emails and telephone numbers.

D. Design/Build Strategy Present a strategy to the Design/Build delivery approach for the Red Hill Trails Project. Please address each of the following considerations:

1. Outline your proposed trail planning public outreach plan and the resulting process to utilize existing supplemental information to complete design and a construction management plan.

2. Propose cost control mechanisms and approach that will allow delivery of the project within the specified budget. The plan should include both trail design and construction phases of the project.
3. Provide a quality control plan for the project. Include considerations for both design and construction quality control.

E. **Project Budget**: This proposal is to be a not-to-exceed price submittal, but actual billing will be based on time, material and equipment costs. In no case will billing exceed the not-to-exceed costs listed in the Contractor’s proposal. All proposals shall include all pricing information relative to performing the work as described in the proposal.
   1. The budget should be broken down in detail to reflect, at a minimum, not-to-exceed costs for the following:
      a. Public Outreach
      b. Design
      c. Construction
   2. An itemized schedule of time, material and equipment rates that covers all anticipated project costs: i.e. – stakeholder meetings, public outreach and open house meetings, crew mobilization/living expenses, site preparation, equipment rental, construction, trail features, cleanup & closeout, and any other costs, etc.

F. **Sub-Contracted Work** performed by others (not performed by the Contractor) should be noted within the above Project Budget. Provide us with the itemized work, if any, that will be subcontracted out to local contractors, and to whom you anticipate subcontracting the work out to.

G. **Timeline/Schedule** detailing the project milestones you would anticipate to reach by which date, outlining the specific tasks to be accomplished during the course of the project (i.e.– survey, mobilization, excavation, drainage install, forming of trails, building of berms, switchbacks or trail stabilization features, etc.).

H. **Warranty information and guarantees** from Contractor for this Red Hill Trail Project.

I. **Any other optional information** deemed necessary or important to note by the proposing Contractor.

J. Please provide (1) digital PDF copy of your proposal sent to Eric Brendlinger, ebrendlinger@carbondaleco.net

VI. **INSURANCE**
   If selected, the Contractor agrees to procure and maintain in force during the term of the contract the following coverage:
1. Worker's Compensation Insurance, as required by the Labor Code of the State of Colorado and Employer's Liability Insurance.

2. Commercial General or Business Liability Insurance ($2,000,000 minimum) with the Town of Carbondale listed as additional insured. Additional insured documentation will also be needed by the project partners, BLM, AVLT, Pitkin County Open Space and RFOV.

3. Proof of automobile liability, general liability, and umbrella liability must be provided.

4. A Certificate of Insurance shall be completed by the Contractor's insurance agent(s) as evidence that policies providing the required coverage, conditions, and minimum limits are in full force and effect, and shall be subject to review and approval by the Town of Carbondale prior to the commencement of any services. The completed Certificate of Insurance will be filed with the Town Clerk.

VII. OTHER REQUIREMENTS

The selected contractor will be responsible to provide all of the following items related to the Red Hill Trails Project construction as a part of their base proposal:

1. Verifications of existing conditions for conflicts prior to beginning work.
2. Verifications of site dimensions.
3. All layout by a person qualified to guarantee dimensions.
4. All hauling, soil separation, excavation, forming of features, backfill and compaction.
5. Unloading, hoisting and spotting of all materials supplied under the contract including the furnishing of any equipment required to do so.
6. Clean-up and disposal of trash on a daily basis into a contractor-supplied dumpster.
7. Temporary fencing for contractor materials, equipment, and to secure the site from vandalism.

The Town of Carbondale will enter into contract negotiations with the highest ranked proposer. However, the Town of Carbondale reserves the right to terminate negotiations with that proposer at any time. The Town additionally reserves the right to negotiate or suspend with one or more proposers at any given time and to reject any or all of the proposers, should such action be deemed to be in the Town's best interest. The Town of Carbondale will negotiate a fee for which the selected Contractor shall perform the Project Scope of Work, and the work shall be performed in accordance with the Town of Carbondale's contract documents.

VIII. INQUIRIES
All inquiries relating to this RFP should be made to: Eric Brendlinger, Town of Carbondale Parks & Recreation Director, at (970) 510-1277 or at: ebrendlinger@carbondaleco.net

IX. PROJECTED TIMELINE FOR PROJECT

- Town of Carbondale release and post of the RFP: March 30, 2018 *
- On-Site Pre-RFP Submittal Meeting: April 6 & 11, 2018
- RFP Submittal Deadline: April 16, 2018 at 4:00 p.m.*
- Evaluation of Proposals: April 17-20, 2018
- Interviews of firms (optional) if needed: April 20-24, 2018
- Approval of Award and Contract by Trustees: May 8, 2018 *
- Contractor and Stakeholder Committee Conduct Public Outreach Process: May & June 2018
- Completion of design for hiking trail RFOV Project: July 5, 2018*
- Present Final Report and Plan to Board of Trustees: July 10th, 2018*
- Mobilizes & Construction Begins: July & August 2018

Note: All dates without asterisk above are preliminary and are subject to change. All dates with asterisk are fixed.

These project dates are set: Roaring Fork Outdoor Volunteers (RFOV) scheduled hiking trail project construction dates- Tuesday Evenings, July 24th, 31st, August 7th, 14th, 21st.*

X. APPENDIX

- Property Survey
- 2 Garfield County Land Explorer Maps
- Google Earth Existing Trailhead POV
- Google Earth Proposed New Trailhead POV
- HP Kumar Geo Hazards Review report
- BLM Red Hill Overview Map
- Red Hill Council SRMA Trail Map
- AVLT “Save Red Hill” Campaign material
- AVLT Successful Campaign Press Release
- BOT Trustee Memo-Red Hill background history and prior trail and funding proposals.
GEOLOGIC HAZARDS REVIEW
PROPOSED RED HILL TRAIL
NEAR CR 107 AND CO HIGHWAY 82
GARFIELD COUNTY, COLORADO

PROJECT NO. 18-7-114

FEBRUARY 22, 2018

PREPARED FOR:

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PURPOSE AND SCOPE OF STUDY

This report presents the findings of a geologic hazards review of the lower part of Red Hill Trail proposed west of CR 107 up to the existing trailhead from CO Highway 82. The purpose of our study was to evaluate the geologic hazards at the project site and assess their potential impact on the proposed development.

A field reconnaissance of the project site was made on January 9, 2018 to observe the geologic conditions and collect information on the potential geologic hazards present at the project site. A second field reconnaissance of the project site was made on January 30, 2018 to measure the topographic profile of the potential rockfall path. In addition, we have reviewed relevant published geologic information and looked at aerial photographs of the project area. Colorado Rockfall Simulation Program (CRSP) analysis was performed to assess potential rockfall paths, velocities, energies, and bounce heights. This report summarizes the information developed by this study, describes our evaluations, and presents our findings.

PROPOSED CONSTRUCTION

The proposed construction consists of a new trail leading from the parking area near the intersection of CR 107 and CO Highway 82 to the existing Red Hill Trail trailhead accessing Mushroom Rock and the Red Hill Recreation Area. The proposed trail will follow below CR 107 between the road and the hillside to the east, see Figure 1. A new parking lot located on the west side of CR 107 and intersection with Co Highway 82 is planned in the future, however, that development is beyond the scope of this study.

SITE CONDITIONS

The subject site lies between the “Three Poles” rock outcrop, CR 107, the existing parking area at the intersection of CR 107 and CO Highway 82, and the existing trailhead to access the Red Hill Recreation Area. There is an existing trail from the trailhead to the “Three Poles” outcrop. Hiking activity on and around the “Three Poles” outcrop increases the potential for human
triggered rockfall. Vegetation in the project vicinity consists of sage brush and scattered juniper and pinon trees with native grass, weeds, and cactus. The valley side slope between the rock outcrop and the possible location of the trail is around 60 percent.

PROJECT AREA GEOLOGY

The geology at the project site consists of bedrock of the Maroon (PPm) and Eagle Valley (Pe) Formations with bedding that gently dips down to the north and young debris flow deposits (Qdф), see Figure 2. The lower (southern) portion of the project site near CO Highway 82 and the existing parking area consists of artificial fill. Colluvium and sheet-wash deposits cover the slope to the west of the project area, below the steep sandstone outcrop, in the location of the proposed future parking lot. There is a small syncline to the northeast of the project area and Red Hill is capped with Tertiary-age basalt flows to the northwest.

GEOLOGIC HAZARDS ASSESSMENT

Potential geologic hazards at the subject site consist of rockfall and debris flow. Debris flow hazard evaluation is beyond the scope of this study. Due to the day use and usually fair-weather use nature of the proposed trail, while the debris flow hazard in the area may be high during thunderstorms, the risk of personal harm may remain low. People likely will not be hiking here when a debris flow is occurring or is eminent. Rockfall from the isolated outcrops appears to be moderate to high risk.

POTENTIAL ROCKFALL HAZARD AREAS

A map showing potential rockfall hazard areas is presented in Figure 3. One potential rockfall hazard path in the High Rockfall Hazard Area was chosen for CRSP analysis. It consists of a rockfall source zone, a rockfall runout zone, and an area of potential rockfall paths between the source zone and the runout zone. The hazard zones are based on our field observations, terrain analysis, aerial photograph interpretations, and rockfall simulation modeling using the Colorado Rockfall Simulation Program (CRSP version 4.0). The project site is located in the potential runout zone as shown on Figures 3 and 4.
Rockfall Source Zone

Our field observations, terrain analysis, and aerial photograph interpretations show that rock outcrops that are potential sources of rockfalls that could reach the project site consist of Source Area 1, located around 220 feet above the proposed trail, see Figure 4. The rock outcrop forms a cliff that is fine to coarse grained sandstone of the Maroon and Eagle Valley Formations. It should be noted that there are other potential rockfall sources on the valley side, but because of the terrain, these sources do not appear to have the potential to reach the project site.

Rockfall Paths

Downhill of the potential rockfall source zone on Figure 3, the terrain tends to funnel the rockfalls toward the proposed trail area on the debris fan below. The hillside slope between the source zone cliff outcrop and the debris fan is very steep and averages around 50 percent. The CRSP models show that rockfalls in this part of the hillside will accelerate and gain kinetic energy.

Rockfall Runout Zone

At the base of the steep slope, at the transition onto the debris fan, rockfall trajectories have the potential to spread out over the fan. The runout zone starts where the slope steepness abruptly decreases and vegetation thickens. Rockfalls will decelerate, lose kinetic energy, and eventually stop in this zone. The proposed trail area is within the CRSP runout zone, near the transition from the path zone.

CRSP MODELING

The Colorado Rockfall Simulation Program (CRSP version 4.0) was used to assist in our assessment of the potential rockfall risk to the proposed project and to develop rockfall dynamic information that may be used to assess the feasibility of rockfall mitigation. CRSP is a computer program that simulates rockfall tumbling down a slope and predicts the probability distribution of rockfall runout, velocity, bounce height, and kinetic energy. The program takes into account
slope profile, rebound and frictional characteristics of the slope, and rotational energy of the rocks. The program is a tool commonly used in analysis and mitigation of rockfall hazards.

Model Input Information

One CRSP profile was modeled at the location shown on Figure 3. Figure 3 shows the potential rockfall source and potential rockfall path. The profile evaluated is presented on Figure 4. Model output probability distributions were calculated based on one-thousand independent rockfall trials of a 3.72-foot diameter, sphere-shaped rock. This block is similar to a 2320-pound rock that is approximately a cube with a side length of 3 feet. The rock block size is based on observations of rocks found in the runout zone at the project site and the approximate spacing of fractures in the source zone. The 3-foot size rock is typical of observed rocks in the debris fan area and rock blocks vary to several feet in size.

Model Output Information

The results are presented in Table 1. We analyzed the results of our rockfall model at two points: the transition from steep hillside to relatively flat drainage bottom, near the likely location of the proposed trail, and at a point around 100 feet nearer CR 107 than Point 1. We also calculated the rockfall dynamic probability distributions at the two points. The rockfall dynamic probability distribution may be used to assess the probability of rockfall mitigation. The engineering results of the modeling are given in the following table for a 10% exceedance probability. The rockfall dynamic probability distribution may be used to assess the feasibility of rockfall mitigation.

<table>
<thead>
<tr>
<th>Point Evaluated</th>
<th>Rock Diameter (ft)</th>
<th>Velocity (ft/s)</th>
<th>Bounce Height (ft)</th>
<th>Kinetic Energy (ft-lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point 1</td>
<td>3.72</td>
<td>45.5</td>
<td>10.1</td>
<td>180,000</td>
</tr>
<tr>
<td>Point 2</td>
<td>3.72</td>
<td>13.4</td>
<td>6.1</td>
<td>18,000</td>
</tr>
</tbody>
</table>

ROCKFALL RISK EVALUATION

Rockfall is an active geologic process along north side of CO Highway 82 between Glenwood Springs and Carbondale. Without long term observations, it is not possible to develop recurrence
probabilities for rockfalls from the source zone at the project site with high levels of confidence but seems reasonable to infer that rockfall from this source zone is relatively infrequent. The CRSP modeling shows that if a rockfall were to occur during a reasonable exposure time for the proposed development, it is likely that the rockfall would reach the possible trail location shown on Figures 1 and 4.

Based on our current understanding of the rockfall potential, we characterize the risk that a rockfall will reach the proposed trail to be moderate to high. If a rockfall were to hit a person on the trail, the consequence would likely be severe and the feasibility of rockfall mitigation should be evaluated.

ROCKFALL MITIGATION FEASIBILITY

As part of the CRSP modeling, rockfall dynamic information that may be useful to evaluate the feasibility of rockfall mitigation was calculated and is presented in Table 1. Rockfall mitigation commonly used in the Glenwood Springs area and that may be considered at this site are ring-net arresting systems, mesh stabilization and arresting systems, and cable lashing or rock bolting systems located uphill of the infrastructure requiring protection. The information in Table 1 is suitable for feasibility evaluation.

PRELIMINARY RECOMMENDATIONS

The potential for rockfall from the source zone located above the proposed trail should be further studied when the trail alignment has been established. Either rockfall attenuator systems or a rockfall barrier are feasible to mitigate the rockfall impact. If the rockfall source is not mitigated, the public should be made aware of the potential rockfall hazard such as with signs posted along the trail. The modeled energies and bounce heights for a 10% exceedance probability from the source zone at the transition from path to runout zone is around 180,000 foot-pounds (240 kJ) and 10 feet (3.0 m), respectively. The modeled energies and bounce heights associated with rockfalls from these zones are presented in Table 1. Further analysis should be conducted for the design of the rockfall mitigation once the proposed trail alignment
has been finalized. The closer the proposed trail is located to the steep slope of the path zone, the higher the design energies and bounce heights will be. Positioning the trail on the flatter debris fan near CR 107 should result in lower design energies and bounce heights.

LIMITATIONS

This study was conducted according to generally accepted geotechnical and engineering geology principles and practices in this area at this time. We make no warranty either express or implied. The conclusions and recommendations submitted in this report are based on our field observations, aerial photograph interpretations, published regional geology information, the conceptual proposed development plan, and our experience in the area. Our analysis was conducted to model a reasonably accurate indication of rockfall behavior at this location. The results are thought to be representative of conditions observed at the property and the slope and ridge above. Variations in the model results from additional observations and information should be expected. This report has been prepared exclusively for our client and is an evaluation of the geologic hazards and their potential influence on the proposed development. We are not responsible for technical interpretations by others of our information.

Respectfully Submitted,

H-P. KUMAR

Robert L. Duran, E.I.

Reviewed by:

Steven L. Pawlak, P.E.

RLD/kac
REFERENCES


af - Artificial Fill
Qa - Alluvium
Qdfy - Young Debris Flow
Qcs - Colluvium and Sheetwash
Qsw - Sheetwash
Qlo - Loess
Qty - Young Terrace
Tb - Basalt Flow
PPm - Maroon Formation
Pe - Eagle Valley Formation

0.5 Miles
Strike and Dip of Bedding
Syncline
Project Area
Legend
- Approximate Rockfall Path
Rockfall Hazard Zones
- High
- Low
- Moderate
Rockfall Zones
- Source Zone
- Path Zone
- Runout Zone

Red Hill Trail Near CR 107 and CO 82 - Potential Rockfall Hazard Zones

Fig. 3
Please Help Protect Red Hill:

- No Motorized Use
- Walk on the edge of the County Road 107 to allow cars to pass.
- Park in the parking area, no parking is allowed along the County Rd. 107.
- Stay on trails.
- Keep dogs on leash.
- Properly dispose of all waste.
- Do not trespass on private land.
- Do not build new trails or roads without authorization from BLM.
- If the parking lot is full, please park legally in Carbondale.

Ayude a Proteger Red Hill:

- No use de vehículos motorizados.
- Camine por el borde de la carretera 107 para dejar pasar a los automóviles.
- Park en el área de estacionamiento, no se permite estacionar en la carretera del condado 107.
- Mantenga la distancia en las sendas.
- Mantenga a los perros en el collar.
- Elimine el desperdicio en la bolsa de papel.
- No entre en terrenos privados sin autorización.
- No construya nuevas sendas sin autorización del BLM.
- Si el estacionamiento está lleno, por favor estacione legalmente en Carbondale.
You can create a better gateway to Red Hill

With your help...

Aspen Valley Land Trust will purchase the 25 acres at the base of Red Hill and transfer the property to the Town of Carbondale.

Together, we will build a better trail connection to the Red Hill Recreation Area, and save the face of Carbondale!

Donate today!

- Give by credit card at avlt.org
- Mail a check
- Deposit from your retirement account
- Contribute stock or appreciated assets
- Make a planned gift

Your contribution is...

- Tax deductible (to the extent provided by law)
- Matched dollar-for-dollar

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FOR YOU. FOR FUN. FOREVER.
Together we can save the face of Carbondale

The Red Hill of your dreams...

Have you ever wondered why you have to navigate a dangerous gravel road to get to the Red Hill trails?

The land at the bottom of the hill has been privately owned and commercially zoned for decades. It's for sale at a reduced price and could become a gas station, convenience store, or storage units any day.

The Vision...

Aspen Valley Land Trust will buy the land to create safer trail access (off the road) to the Red Hill Recreation Area.

AVLT will transfer ownership and management of the property to the Town of Carbondale for public use.

The town hopes to construct additional trailhead parking in the future.

You can save it!

The time is now! Aspen Valley Land Trust has until January 15, 2018 to raise the funds needed to purchase Carbondale's scenic gateway and improve access to your favorite backyard trails.

How much? The total project budget is $1.35 million. AVLT has already raised over half!

Do it for your...

Safety

So your loved ones won't have to walk or bike a dangerous road to get to the Red Hill trailhead.

Fun

Improve access to your favorite backyard trails.

Future

Let's keep the entrance to Carbondale scenic and welcoming, forever.
March 14, 2018

For immediate release:

Community Responds to Save Red Hill

Thanks to an outpouring of support from the community, Save Red Hill’s $1.35 million fundraising goal has been met.

The project, conceived in 2017 as a partnership between Aspen Valley Land Trust and the Town of Carbondale, has dual goals of protecting the character of Carbondale’s iconic red rock face while addressing public safety concerns stemming from vehicle vs. trail user conflicts along Garfield County Road 107.

Funds raised during the campaign will permanently conserve a 25-acre property at the base of Red Hill. They will also fund the design, construction, and long-term maintenance of a new trail connection intended to separate trail users from vehicle traffic along County Road 107.

The 5-month fundraising effort formally kicked off in November 2017. To provide seed money for the project, AVLT tapped into a long-standing transfer tax paid into by River Valley Ranch homeowners. The RVR funds held by AVLT must be used for the express purpose of conserving land within seven miles of Carbondale. The Red Hill project was a great fit. AVLT contributed $350,000 from the balance of this fund.

The RVR contribution, in addition to a $200,000 donation from the Ruth H. Brown Foundation, $100,000 from Abigail Wexner, $50,000 from the Town of Carbondale, and over $200,000 in individual donations from many community supporters, allowed AVLT to purchase the property for $825,000 in December 2017, down from the original asking price of $1.1 million.

In early 2018, an informal pledge of $200,000 from the Garfield County Board of County Commissioners (tentative pending a formal vote in 2019) and a $100,000 donation from the Alpenglow Foundation put the overall project fundraising goal of $1.35 million within reach.

On March 14, the Pitkin County Board of County Commissioners preliminarily approved a $150,000 contribution from the county’s Open Space and Trails fund. If ratified at the BOCC’s March 28th meeting, that amount will effectively bridge the remaining fundraising gap.
Contact:
Suzanne Stephens
Executive Director
Email: suzanne@avlt.org
Phone: 970.963.8440

Regarding Pitkin County’s interest in contributing, Open Space and Trails Acquisition & Special Projects Director Dale Will said, “Red Hill is a unique resource in our valley. It’s accessible when many up-valley trails are not. With its early spring dry-out and year round access, Red Hill is a favorite of many Pitkin County residents.”

All told, close to 300 individual donors helped fund the effort. AVLT Executive Director Suzanne Stephens credits broad support from individuals and partner organizations throughout the valley as the key to the campaign’s success. In thanks, Stephens’s says, “It’s wonderful to have a project where both Garfield County and Pitkin County have an interest in contributing. That speaks to the fact that Red Hill is a resource that benefits residents from up and down our valley.”

With the fundraising goals met, AVLT plans to transfer the property to the Town of Carbondale in early April. AVLT will retain a permanent conservation easement on the property. Trail planning will commence shortly thereafter with a public process led by the Town of Carbondale.

Carbondale Town Manager Jay Harrington looks forward to the next phase of the project. Harrington states, “This has been a wonderful partnership between AVLT and the Town of Carbondale and the Town looks forward to being the long term steward of this property. We are excited about engaging the community in the planning for trail and trailhead improvements.”

AVLT urges Red Hill supporters to stay involved with the project. There will be a variety of opportunities for community members to get their hands dirty in the coming months. Dates related to this spring’s trail planning effort will be announced shortly, as will volunteer trail building dates to occur this summer.

Director Stephens summed up the completion of the Save Red Hill campaign as follows. “It really takes a village as they say… in this case a valley. We thank the entire community for your amazing support.”

AVLT will continue to accept donations towards the project. To donate, please visit avlt.org. Upcoming project dates and details will be shared on AVLT’s website.

###
TOWN OF CARBONDALE, COLORADO

PARKS, RECREATION & TRAILS MASTER PLAN

CHAPTER 4 - RECOMMENDATIONS

(Board of Trustees Approved & Adopted on April 28, 2015)

Recommendations Overview

The Recommendations Chapter provides guidance and offers suggestions for addressing the challenges and opportunities that the Town of Carbondale Parks and Recreation Department faces today and into the future regarding meeting the recreation, leisure and park needs of the community. The Master Plan will provide direction for the next 10 years, and contains recommendations that can be completed within a few months or years, along with recommendations that will require community and regional solutions that may take a decade or longer to accomplish. To be successful, the Master Plan will require the focused energy, commitment and resources of the Town, other government agencies, regional partners, local businesses, nonprofit organizations, user groups and the general population.

The recommendations reflect community values captured from the public engagement process and from input and suggestions collected during meetings with Town Staff, Town Trustees, the Parks and Recreation Commission and the Bike, Pedestrian and Trails Commission. The recommendations also considered the evaluation of current parks and recreation operations, an analysis of existing park and recreation facilities and policies, and considerations of future industry trends. Eleven (11) core themes emerged as the basis for the Parks, Recreation and Trails Master Plan, which will serve as a guiding document for future parks, recreation and trails actions and decision-making over the next 10 years. Listed below, in no priority order, are those core themes:

1. **Improve the Bicycle and Pedestrian Network**: Fill in the gaps in the bicycle and pedestrian network with priority given to creating connectivity to public buildings, parks and major trail networks.

2. **Enhance Gateways**: Enhance and beautify the Town’s gateway outdoor spaces, welcoming visitors and residents.

3. **Celebrate the Rivers**: Highlight the rivers as community assets and recreational opportunities.

4. **Address Financial Stability**: Secure the Town’s fiscal health in order to maintain existing parks, trails and recreation amenities.

5. **Maintain Existing Amenities**: Focus on enhancing existing parks before spearheading expansion to new locations.
6. **Plan for the Future:** Upon securing fiscal health, create financial mechanisms to develop and maintain new projects.

7. **Distinguish Carbondale:** Promote and focus on becoming renowned for the unique assets that express Carbondale’s identity.

8. **Provide Sports Facilities:** Focus on providing sports practice fields and indoor recreation within the community, and partner with valley-wide recreation providers for larger complexes and tournament spaces.

9. **Build and Enhance Strong Partnerships:** Partner with local organizations, individuals and Town departments to generate community based solutions to address current challenges.

10. **Broaden, Enhance and Promote Recreation Opportunities:** Develop strategic partnerships to increase program and activity offerings to underserved user groups.

11. **Support the Creative District Plan:** Support the Creative District Plan by strategically utilizing public properties to their potential; positioning them as flexible space for community recreation, special events and the arts.

The Master Plan themes have been formulated into recommendations for solving the challenges Carbondale faces, along with visionary elements that reflect aspirations of what the Town can become in the future.
1. Improve the Bicycle and Pedestrian Network

*Fill in the gaps in the bicycle and pedestrian network with priority given to creating connectivity to public buildings and parks and major trail networks.*

**Overview**

The recommendations below focus on continued investment and partnerships to maintain the quality of the Town’s trails, increase connectivity by addressing critical linkages and crossings, better connect the east and west sides of town, improve pedestrian and bicycle safety and expand the system to address growing demands.

**Recommendations**

In general, paved asphalt or concrete trails are preferred over crusher fines or dirt trails for new trail development or expansion, as they require less long-term continuous maintenance and weed control as soft-surface trails. Reference Map 6: Proposed Trails to identify the locations of connection improvements described below. Numbered recommendation items relate to numbers identified on the map.

**Proposed Near-term Trail Connections:**

Based on funding commitments, partnership opportunities and community identified priorities; the following projects are recommended to be completed in the near-term (one to three year) period because they connect key community destinations, not in order of importance:

1. Complete a paved trail along Snowmass Drive connecting from Main Street to the Rio Grande Trail to the existing Snowmass Drive multi-use trail, leading to the elementary and middle schools (approximately 900 feet).

2. Extend the paved trail along Main Street connecting Highway 133 roundabout and Colorado Rocky Mountain School CRMS (approximately 1,420 feet). This could be a joint project between Garfield County and the Town of Carbondale and may be applicable for a Garfield County Federal Mineral Lease District (FMLD) grant.

3. Complete the sidewalk along 4th Street from Colorado Avenue to the Nature Park (path to park) to provide a connection to/from the Rio Grande Trail (approximately 1,100 feet) Garfield County Built Environment need assessment priority project.

4. Complete sidewalk connection on West Boulevard between Historic Museum/Bridges High School and the Crystal Valley Trail (from Grace Drive to Highway 133). This is an incomplete portion of the Safe Routes to School network (approximately 325 feet).

5. Create a bicycle/pedestrian connection from the Roaring Fork Transit Authority (RFTA) Highway 133 Park and Ride facility to Dolores Way (approximately 200 feet).
Proposed Long-Term Trail Connections:

Based on funding availability, the following are bicycle/pedestrian trails that are recommended to be completed as long-term priorities (within the next 10 years), not in order of importance:

(6) Extend sidewalks along 8th Street between Village Road and Cowen Drive to complete path network along 8th Street (approximately 2,000 feet). Widen the 8th Street sidewalk from Village Way to Main Street and address on-street parking management (approximately 2,020 feet).

(7) Add a paved sidewalk along Merrill Avenue from 8th Street to connect to the Nature Park (path to park) (approximately 770 feet).

(8) Add a paved trail connection through Industry Place to the Rio Grande Trail (approximately 1,215 feet). Involves privately held lands and will require an easement or property purchase.

(9) Complete the paved pedestrian/bicycle trails identified on the Community Park Master Plan for Third Street Center to connect to the Crystal Valley Trail (approximately 650 feet). Bonnie Fischer trails.

(10) Add a path connection from the Highway 133 trail south of City Market to Barber Drive (approximately 350 feet). Involves privately held lands and will require an easement or property purchase.

(11) Designate with sharrows on 8th Street the bike connection to the Crystal Valley Trail, and also provide a sidewalk connection along 8th Street between Sopris Avenue and Highway 133 (approximately 280 feet).

(12) Improve connections along the bike/pedestrian path located behind the Orchard Church and Crystal River Elementary School. The creation of a smoother transition from this path to the Elementary School should be encouraged. Also, a short break (60 feet) in the pathway connecting to North Face Park should be filled but also involves privately held parking and drive space that must be negotiated.

(13) Connect Snowmass Drive and Meadowood Drive through the Roaring Fork School District Campus to better connect the school campuses (approximately
1,100 feet). This desired connection was identified in the 2013 Carbondale Comprehensive Plan. Involves the Roaring Fork School District.

(14) If funding becomes available, construct a bicycle/pedestrian bridge across the Roaring Fork River with a trail to the Gateway River Park and Highway 82 intersection.

(15) Complete a paved spur connection from Thompson Park Thompson House Museum to Holland Drive. This is a developer requirement (approximately 250 feet).

(16) Complete a multi-use paved trail from the Triangle Park parking lot to Highway 133 (approximately 300 feet). ( Completed with a Garfield Health Communities Coalition Built Environment Grant in 2017)

(17) Improve a narrow section of the Crystal Valley Trail from Roaring Fork Drive to the Fire Station (approximately 400 feet long). Add shawrows to the street and signage to provide an alternative to the five foot wide sidewalk.

**Total Long-Term Trail Connections: Approximately 9,115 Linear Feet (1.73 Miles)**

**Additional Bicycle and Pedestrian Network Recommendations:**

- Provide trail amenities that improve comfort and make for a more enjoyable experience along existing trails including
  - wayfinding and signage
  - doggie stations
  - bench seating, adding a bench to the Triangle park trial 2017 with GHCC Built environment Grant 2017
  - water bottle filling stations, One placed inside of recreation center 2017
  - bike tool stations. (2) Promenade Park, Catherine Store Bridge
  - Prioritize amenities at trailheads and key convergent points, such as the convergences of the Rio Grande Trail and Crystal Valley Trail with Highway 133, Main Street and County Road 100.

- Explore opportunities for intersection enhancements for bicycles and pedestrians as identified below (not in order of importance):
  - Support improvements and partnerships for the realization of the Highway 133/Highway 82 crossing improvements to provide safer access to the Red Hill Recreation Area. Interim at-grade improvements including traffic calming may be appropriate.
  - Maintain and improve crossing safety and accessibility to bus stops in town
Connect the multiuse path that follows River Valley Ranch Road and adjacent to Triangle Park to the path extending south along Highway 133. The path picks up at the intersection to the RVR maintenance facility, but no formal crossing is provided connecting the two trails (approximately 12 feet).

- Improve pedestrian and bicycle safety crossing between Nuche Park and the Crystal River Trail.

- Add path lighting along the Rio Grande Trail corridor from Highway 133 to Main Street GoCo Grant with RFTA as partner Nov 29017 for 2018 planning

- Within Town boundaries it is important to provide connections to mountain recreation opportunities that provide recreation and tourism activity. Support the efforts of public and private entities that provide trails outside of the Town boundaries by completing connections in-town, and providing signage and trailheads in town:

  - Support efforts of the neighboring community to create a connection from Satank Bridge and the Rio Grande Trail to the trail extension south of CRMS.

  - Support opportunities with Garfield County to create a safer pedestrian-friendly access route along County Road 107 to access the BLM Red Hill Special Recreation Management Area Trailhead. Potential acquisition of parking area land and alternative trail location with AVT.

- Support efforts to provide a multi-use path along CR 106 connecting to CRMS and the Crystal River. This portion of path will improve safety of bicycle and pedestrian travel to Spring Gulch.

- Support opportunities with the Aspen Valley Land Trust and other partners to create a single track trail connection along Prince Creek Road. Consider creating a trailhead location within the Town of Carbondale.

- Support efforts to connect road and mountain bike trails throughout the region in an environmentally sensitive manner.

Provide more directional and wayfinding signage (see Support the Creative District Plan section).

- Create trails or overview trail maps for Red Hill and other town gateways into Town, including at trailheads and key convergent points, with the hope to eventually include the Decker Trail and Crystal Creek Trail in a longer distance trail system and County Road 106 (Chamber in telling the story and this will help.

- Develop a mobile mapping application and website for town trails. Link website to signs throughout the trail system that will help visitors navigate through Carbondale. Provide up-to-date trail closure and opening information, rules and regulations and event announcements.
Completed

Need to check on status

1. The Highway 133 multiuse trails paralleling both sides of the highway creates confusion surrounding the official route of the Crystal Valley Trail. Designate the Crystal Valley Trail’s official route through signage and pavement markings. (There is signage designating the Crystal River Trail and the Rio Grande Trail by Hwy 133 and Village Road)

   • Reinforce signage along Crystal Valley Trail as it jogs behind Highway 133 to the Middle School.

   • Coordinate and collaborate with RFTA on signage developed for the Rio Grande Trail through town to ensure that key community destinations and amenities are highlighted. (Creative District signage is out there. May want to check if anything we want is marked.)

2. Celebrate the Rio Grande Trail as a key corridor through town, and coordinate with RFTA to support aesthetic improvements that highlight the trail as a source of community pride to visitors.

   • Create a Native Planting Trail and Presence in partnership with River Valley Ranch and Herron-McCoy Park. Add interpretive signage along the Crystal River and Riverfront Park.
   
   • A trail connection to Nuche Park via a pedestrian bridge spanning the Crystal River should be considered dependent on funds or partnership availability.

3. Focus on connectivity and wayfinding to public buildings, parks and major trail networks including the Third Street Center, Library, Town Hall, Schools, Sopris Park, Fourth Street Plaza, bus stops and the Crystal Valley and Rio Grande Trails. (Check to see if signage covers all this.)

4. Increase the Town’s offerings of soft-surfaced trails within walking distance of the town core. RFTA provided this on the Rio Grande Trail.

   • Designate an official recreation path on the west side of White Hill, eliminating the number of various social trails that currently exist.

   • Provide additional nature paths within parks with scenic or natural qualities.

   • Look for opportunities to create single-track trails for alternative walking, running and biking experiences. RFTA provided this on the Rio Grande Trail.

5. Continue to collaborate with the County on winter use opportunities on the Rio Grande Trail east of town. (It’s possible that RFTA will maintain a cross-country trail through town in the winter.)

   • Coordinate and facilitate with cyclocross race organizers their use of North Face Park for all fall and/or winter time race series with assurances that park damage will not occur. (Fall races organized including a Turkey Trot 5K running Race. Have organized winter races for bikes and snowshoes in Redstone?)
Collaborate with local schools to leverage grant programs like Safe Routes to School to assist with funding pedestrian/bicycle multiuse trail and sidewalk improvements. Possible Safe Routes to School routes:
- End of Weant to 133 next to History and Jail Park
- Sherman Parks Greenway Project
-也 Merrill & 4th
- Short sections by Delores Industrial Area.

Leverage partnerships with RFTA and their goal to connect pedestrians and bicycle commuters to the Carbondale Connector bus route stops and the Highway 133 Park and Ride lot to help fill in gaps in the trail system.

- Bike, Pedestrian and Trails Commission to evaluate lighting needs for commuters along town trails. Map of priority routes created in response to these meetings.
- Provide community education on pedestrian and bicycle rules and safety. Leverage local events such as Bonedale Bike Week, the Wild West Rodeo, Mountain Fair, etc. and engage the local police department and Bicycle, Pedestrian and Trails Commission to help educate the community and visitors about various recreation opportunities, surrounding trails and Town regulations. Make educational events applicable to all levels of bicycle users, including children and adults and beginners to experts.

- Maintain the 2014 Bicycle Friendly Community Gold Level designation and prepare recommendations to expand to Platinum status by doing the following:
  - Adopt a Complete Streets policy and offer implementation guidance. This policy will direct decision-makers to consistently fund, plan for, design, construct, operate and maintain community streets to accommodate all anticipated users (including people walking, bicycling, utilizing public transportation, personal and commercial vehicles). Gain commitment from all Town leaders and staff to adopt this policy and implement.
  - Continue to work with CDOT on making Highway 133 more bike and pedestrian friendly including recommendations for calming vehicle traffic.
  - Continue to expand the bike network and to increase network connectivity. Ensure smooth transitions for bicyclists between the local and regional trail network, and the street network.
  - Work with the responsible entities, such as the Town of Carbondale and RFTA, to ensure that all transit vehicles that operate in or through the community accommodate cyclists, particularly during peak hours.
  - Offer bicycling skills training opportunities for adults through Town Recreation Center programming.
2. Enhance Gateways

Enhance and beautify the Town's gateway outdoor spaces, welcoming visitors and residents.

Overview
Carbondale's key gateways into the community include access points at the intersection of Highway 133 and Highway 82 to the north and Highway 133 to the south, both of which already possess dedicated park lands with Gateway River Park and Nuche Park. Gateway River Park could be utilized to enhance the welcoming experience into Carbondale through future park development and amenities, while Nuche Park will remain as a passive park. In addition, many of the town's visitors arrive via bicycle, and the Rio Grande and Crystal Valley trails also provide opportunities to welcome visitors and showcase Carbondale. Refer to Map 7 Proposed Gateways and River Access for the locations of features identified in the following recommendations.

Recommendations
- Implement the 2012 Gateway River Park Master Plan. (See what has been completed in Celebrate Rivers and the individual park sections)
- Enhance wayfinding signage and art along trails, specifically the Rio Grande Trail and Crystal Valley Trail.
- Work with RTTA on the development of Rio Grande Trail gateway features, currently planned in the upcoming 2019 RTTA Plan. This feature was identified in the RTTA Transit Oriented Development Master Plan as a potential gateway feature.
- Designate lands for future placement of complaint sports courts or other sports use as identified.
- Expand Main Street light pole banners all the way to the Highway 133 and Main Street roundabout.
3. Celebrate the Rivers

Highlight the rivers as community assets and recreation opportunities.

Overview
Carbondale has rich natural resources including two rivers running through town - the Gold Medal designated Roaring Fork River and the Crystal River. The rivers are used recreationally by fishermen and boaters. However, physical and visual access to the rivers and acknowledgement of these assets as key natural features of Carbondale is lacking, and therefore, the rivers are not widely utilized by all members of the community. Many of the following recommendations must be completed in partnership with groups working to improve the river and to gain financial support or grant money. Refer to Map 7 Proposed Gateways and River Access for the locations of features identified in the below recommendations.

Recommendations
- Consider development of “sitting areas” along an appropriate section of the Crystal or Roaring Fork River if concluded from river ecology experts that it will not undermine the environmental quality of the river riparian area. (Refer to the detailed analysis conducted within the 2017 Crystal River Conceptual恢复自然区
Design Plan produced for the Aspen Valley Land Trust and Town of Carbondale.
- Provide a pedestrian bridge crossing over the Roaring Fork River on the east side of Highway 133, connecting to Gateway River Park.
- Leverage partnerships to improve and maintain existing riparian areas, such as partnering with the Roaring Fork Audubon Society to implement a Native Fencing Trail and Preserve along Riverfront Park.
- Partner and collaborate with Colorado Parks and Wildlife Department (CPWD) for improvements to the boat launch ramp area at Gateway River Park that is partially funded through a boater required launch put in fee or take-out fee (potential shared funding responsibility with CPW Guide Alliance and “Fishing is Fun” grant sources).
- Promote the continuation of all riparian areas, support riparian restoration projects within identified riparian areas, and contribute to watershed planning projects.
- Partner with the Carbondale and Rural Fire Protection District, Colorado Parks and Wildlife, and private restoration and experts to participate in community-based restoration projects along the Crystal River, a national historic landscape, protecting the trail to the trails becoming more enjoyable and a hike barrier.
- Employ naturalized stormwater treatment techniques such as naturalized detention, bio-swales, rain gardens, native vegetation and trees, terracing and porous pavements to improve water quality.
2016-18 proposed project

- Organize river clean-up days and gather volunteers through partnerships with organizations such as the Roaring Fork Outdoor Volunteers, Roaring Fork Conservancy, Roaring Fork Audubon Society, and other community volunteer groups.

- The Town owned island parcel on the Roaring Fork River should be preserved in its natural state with no camping permitted, and only one sign (if needed) should be permitted on the island.

- Support the 2016 Capital River Conceptual Stream Restoration Design Plan produced for the Aspen Valley Land Trust and Town of Carbondale. The plan addresses approximately 1.6 miles of river within town, and makes the following recommendations:

  - Planning to keep river on one side of high flowways.
  - Provide for water fun opportunities and access.
  - Provide a trail system that provides ADA access to the river, small planning for a variety of fishing and recreational opportunities.
  - Create a stable streambed emulating the stable channel morphology to reduce the sediment deposition and channel bars at land use from recreational activities.
  - Reduce the flood flows for normal river widths allowing sediment transport capacity.
  - Protect bridges and other infrastructure from erosion damage.
  - Improve floodplain diversions at the Elwood and Peter and Leondora lands to promote stream stability and reduce the sediment being transported by the diversion canals.
  - Improve the recreational boating and provide various watercraft opportunity.
  - Provides an educational opportunity explaining the natural river system components including restoration structures, the ranch community, and various habitats associated within the river terraces.
4. Address Financial Stability

Secure the Town’s fiscal health in order to upkeep and maintain existing parks, trails and recreation amenities.

Overview
Maintenance and upkeep of existing parks, trails and recreational amenities is dependent upon the financial stability and fiscal health of the Town to adequately budget for staff and equipment resources to meet those needs. Within this objective is the ability to improve operations and cost recovery practices of the parks and recreation department, as well as create fundraising opportunities.

Recommendations
Fundraising, Donations and Volunteers:

- Develop an advertising and awareness campaign that encourages people to shop locally, thus supporting parks, recreation and trails through the existing half% sales tax.
- Develop and identify fundraising strategies for assisting with upkeep and maintenance of existing parks, trails and recreation amenities.

- Utilize volunteers for efforts that provide opportunities to engage the public in park and trail improvement projects. Prior volunteer labor efforts have helped in the establishment of park amenities and facilities that have over time grown into larger improvements. If there are uncertain maintenance needs created, then volunteer led projects, then volunteer led projects are better suited for those that fall into schedules (North Face Bike Park, Volunteer Bike Rides, etc).

- Create a reliance for Parks, parks and trails facilities and provide information on how citizens can provide vital support to Carbondale parklands through a variety of volunteer actions that can be done and dedicated to maintaining trails, park amenities such as a commemorative trail, park benches, public tables, dining fountain, etc.

- Establish a protocol for how individual donors, organized groups, local and regional businesses and corporations can honor a person or event, and to commemorate a loved one, member or colleague, or celebrate a birthday, anniversary, or other special event through a commemorative gift to the Parks and Recreation Department. (Should create long term protocol to provide money for public improvements.) Turnbull's donated picnic shade shelter to Town at the Rodeo Grounds and new protocol and contractual procedures were created to finalize that donation in 2017.
Need to check on status

2016 is proposed project

- Acknowledge all donors through a dated certificate commemorating the gift, a map recording the placement of the gift, and recognition with a plaque or sign at the site, along with an annual notice in the Recreation Department program brochure.

- Create special capital fundraising opportunities through a special recognition program. Special signage programs can be useful tools for attracting sponsorships, donations, grants and other types of funding that help to enhance the parks and trails system. Possible opportunities for donors to fully construct and recognize facilities. Offer a corporate business, organization or individual donors who make a significant monetary contribution to funding the capital construction costs of the facility.

Developer Created Parks and Trails:

- Include parks development fees within the development cost for new projects. Encourage reliance on Town financial and staff resources for the creation and maintenance of parks to these development projects.

- Require new developments to construct and maintain trail and sidewalk connections during their development to the existing Town sidewalk system.

- Strengthen the trail facility, through promoting community garden space as open space that contributes to development and subdivision park exactions. (Do we currently have enough? If considering more gardens need them on the north side of town."

Recreation and Community Center Operations Cost Recovery:

- Implement modifications to the Recreation and Community Center to improve cost recovery by providing services that will attract and retain members, guests and participants. Revitalize existing space or creating new space to provide dedicated areas for both fitness classes and for the equipment repurposing for social, entertainment, and program planning.

- Study the membership price point to see if costs are competitive within the Roaring Fork Valley and value-added for user groups including children, adults, seniors and families. (will conduct benchmarking in 2017 for fee restructure in 2018)

Town Facilities Operations Cost Recovery:

- If funding for pool operations and maintenance becomes a financial subsidy burden for the Town, consider closure of the pool.

- If the pool is closed, consider construction of a children’s splash pad area that will reduce staff and resource costs incurred by the Town.

- Consider charging event organizers or event sponsors standard overtime labor costs of Town employees who are associated with hanging banners, closing and blocking of streets, facility setup/breakdown, etc. (We don’t charge for these, but we do..."
Study the financial costs or benefits of outsourcing the Gateway RV Park Campground operations to a private commercial vendor rather than continuing as a Parks and Recreation Department function.

- Study the financial costs or benefits of outsourcing cemetery operations. Compare the Town’s fee schedule to other cemetery offerings within the Roaring Fork Valley. Include a fee schedule that rates are applied and maintained. Determine if obtaining additional land for future community cemetery burial needs is cost-effective.

- Require park rental fees from all private vendors and instructors (i.e., yoga, tennis, Crossfit classes) who utilize Town parks for profit-making fitness classes or lessons.

- Develop a fee structure and rental agreement for short-term boarding of horses at the Gus Darien Riding Arena.

- Consider acquisition of adjacent land to the Gus Darien Riding Arena to secure future parking needs of the Carbondale Wild West Rodeo and to eliminate yearly lease of private land for parking purposes.
5. Maintain Existing Amenities

Focus on enhancing existing parks before spearheading expansion to new locations.

Overview
Carbondale’s neighborhood parks are abundant for a community of its size, and offer parklands for passive recreational use and active recreational use. The enticement to expand the Town’s park system to create new recreational amenities and offerings, and fill voids and gaps within it can be great. Given the lack of funds available for new parkland acquisition, planning and design, development, and operations and maintenance the Town may want to consider that its focus be on the enhancement of its existing parks system, and completion of projects that are already on the drawing board, prior to spearheading expansion of new park projects and locations. Town emphasis should focus and be on the operation and care of parklands already in place. Completion of existing park projects, including certain element features of the Nature Park, Gateway River Park, and Bonnie Fischer Park should become the priority. However, if opportunities arise to acquire park dedicated properties through residential or commercial land-use development, through a joint public and private partnership, through a property gift to the Town, or through other affordable options, then the Town should determine the long-term maintenance care costs of the park property being considered within their decision making to acquire the property. Several ways the Town can exemplify their focus on caring for existing parklands, both for passive recreational use and active recreational use, is through the following means:

1. Continue a culture of pride in the operation, maintenance and care of existing parks
2. Enhance and complete the completion of existing park master plan projects (e.g. the $77,000 Bonnie Fischer and Gateway) EMLD grant received for fence at Bonnie Fischer Park, Gateway Water storage and system enhancement scheduled and budgeted for 2018
3. Establish clear policies of park and trail use, with rules and regulations, and enforce these policies
4. Continue to address park safety hazards and ADA compliance accessibility issues
5. Continue to operate and maintain existing natural and managed park and recreation facilities, to meet standards of Universal Design, e.g. in a minimum will comply with ADA requirements
Recommendations

Continue a culture of pride in the operation, maintenance and care of existing parks:

- Implement crowdsourcing mapping to identify maintenance needs, trails/bike connections, etc.
- Continue to fundraise, develop a park gifts catalog, and apply for grants to fund park improvements.
- Ensure park and bathroom closures at designated times to prevent public use when park grounds and facilities are not adequately monitored.
- Create a “Bark Ranger” volunteer program such as used in Colorado Springs to enforce rules and regulations within the Nature Park and Hendrick Dog Park (Doggie Park).
- Create a neighborhood “Adopt-a-Park” program.
- Seek solutions to provide greater organizational structure and resources for growing land, park culture, and community outreach on public properties. Look for examples such as the Mid Valley Community Garden Cooperative.

Advance the completion of existing park master plan projects:

- Begin construction of additional parks or larger scale facilities, as funding becomes available, prioritize and advance the completion of mayorally financed recreation amenities outlined within existing approved master plans. (Working on Bonnie Railroad and Gateway Master Plans)

Establish clear policies of park and trail use with rules and regulations, and enforce these policies:

- Park entrance with rules, regulations, opening/closing hours and user expectations. It is essential to maintain quality of facilities and site clean. A user fee and permit are needed for use and appropriate contato for permits. Park signage should be bilingual and easily visible.
Park hours of permitted use should be clear regarding seasonal extended hours usage in specific parks where lighting exists such as North Face Park or the Gus Darden Riding Arena.

- Consider promoting use of lighting in specific parks to encourage and damage park infrastructure. Use of water drums, sand bags in a split system to store trash should be considered.

- Develop and adopt Town Ordinance or other local park rules, regulations, by-laws that address new park management that includes skateboard, operating drones, bike and skate park related requirements, private vendors, etc.

Engage the public in determining appropriate rules and regulations for the community and gain buy-in before adopting. (include on ESPN trails public outreach progress).

Continue to address park safety and ADA compliance accessibility issues:

- Conduct a restroom facility review at each park site to determine and prioritize a plan to renovate, repair, enlarge, or build a restroom where rented portable toilets are currently located. This review should consider ADA compliance and accessibility issues, along with adequate restroom size to accommodate spectator and public usage needs at large athletic and special community events. (i.e., North Face Park, Sopris Park, Bonnie Fischer Park, Nature Park and etc.).

- Explore the opportunities for minor and major public swimming pool improvements. (see additional recommendations in the “Plan for the Future” section).

- Provide activities and/or amenities within Town parks, on trails and within recreation programs to assist both the general and special needs population to build strength and fitness.

- All new construction and renovation projects for existing facilities should meet or exceed the requirements and specifications of the ADA (for reference see Department of Justice compliance table for ADA.)

Update an ADA facilities compliance list.

- Wherever possible, the Town will also strive to meet standards of Universal Design.

Balance short-term park improvements to meet long-term sustainability and suitability objectives:

The Town’s Comprehensive Plan provides many objectives for creating a sustainable future, aligning community, environment and economy. The following are only some of the recommendations in this plan designed to support the sustainability goals for protecting natural assets, reducing impacts on climate, and aspiring to a sustainable lifestyle.

- Consider employment of an environmentally friendly park wide naturalized stormwater drainage management system.
2016-19 proposed projects

- Create a replacement schedule for existing parks and recreation infrastructure

- Partner with the Carbondale and Rural Fire Protection District to conduct fire assessments in Town parks and trails every two years to ensure they are fire-safe and not creating unnecessary hazards. Direct efforts at Stairway Park and the Crystal Riverfront Park.

- Seek solutions to weed management and noxious weed controls within parks, along open-space corridors and trails. Work with the Town of Carbondale Environmental Board and others to seek solutions to the weed problems within parks.

- Experimenting with natural burn down herbicides Avenger and Vinegar based products on bike park, ball field infield, RV Park, Recreation center Fall 2017 and Spring 2018.

- Add filtration systems for park irrigation to reduce annual costs of sprinkler irrigation head replacement.

- Address existing park maintenance needs and park enhancement improvements needs.

Take care of existing park amenities and improvement needs as described in the breakdown of the following specific park sites (park locations identified on Map 8: Carbondale Parks):

**Carbondale Nature Park**

- Develop a park “Friends Group” to assist with special projects and encourage volunteer efforts.

- Install a high capacity portable spray irrigation system for purposes of weed reduction.

**Gateway River Park**

- Renovate or rebuild the bathroom and shower facility and upgrade ADA accessibility. (Completed in both women’s and men’s by May 2017)

- Make upgrade improvements to the water and sewer infrastructure serving the RV Campground. State Permit to create water storage unit and add pump to enhance water distribution from storage tank. Need to purchase and install prior to 2018 season.

- Make improvements to the lower boat launch parking lot and widen the boat ramp launch area.

- Upgrade electrical service within the RV Campground from the existing 30 amp service to 50 amp service in order to meet the demand of today’s RV users. Based on feasibility for 2019 season.
Gianinetti Park
We replaced the basketball court concrete in 2017 and the backboards. Not in plan.
- Expand park ADA playground equipment and park features.
- Park playground bench installed for parents watching their children.
- Renovate and remodel the restrooms. Added handicap sink on outside of bathrooms. 2017, new sidewalks and roof on bathroom.

Gus Darien Riding Arena
- Construct a covered roof over the bleachers FMLD Traditional Grant.
- Improve the announcer’s booth through a renovation and reconstruction project so that it meets Town code. FMLD Traditional Grant.
- Acquire adjacent property if financially feasible for current and future parking needs.
- Expand bike, pedestrian and alternative transportation incentives. Continue alternative transportation incentives.

Hendrick Dog Park
- Replace the irrigation pump.
- Add shade trees in primary area. Weed whacking needed.

Hendrick Community Garden
- New By-laws and Garden elections in 2017 for 2018
- New shed (from Rodeo Lot) Fence repair. Renovated for functionality and received architectural review from Hendricks Homeowners association.
- New alignment of irrigation lines to enhance access on main trail 2017
- New surplus chip rock used for pathway enhancement and weed control 2017

Miner’s Park
- Complete the sidewalk network in concrete or asphalt, replacing the section that is currently a soft surface. Completed park sidewalk on south perimeter.
- Park playground bench installed for parents watching their children.
- Repair cracks and/or replace concrete basketball court surface.
- If funding becomes available, the construction of designated Pickleball and Platform Tennis Courts could occur at this park location.
• Explore opportunities to add infrastructure to utilize this park for events.

North Face Park

• Enlarge existing or add an additional restroom facility. Installing an additional portapotty at the Tennis and Pickleball courts.

• Pave and stripe the parking lots to address the maintenance issues associated with highly-use parking area. Address increased stormwater runoff with best practices for stormwater management.

• Replace crusher fines path walkways with an asphalt surface to decrease manual weed maintenance needed.

• Repair concrete surfaces. Needs repair, needs additional repair.

• Explore and consider options to utilize the park for large community events, adding needed event infrastructure including an outdoor bandshell or covered stage. Assess the electrical power availability and needs for larger events.

• Collaborate and partner with the RE-1 School District on developing elements of the park site as proposed within the 2009 Sports Complex Master Plan.

• Phase 2 improvements and/or expansion of the Bike Park. Added small pump track for shorter bikes and ongoing improvements, upkeep, maintenance, and weed mitigation will be identified for organic herbicide for weed control Fall 2017 and Spring 2018.

• If funding becomes available, add lights to the Bike Park and Skateboard Park for evening nighttime recreational use. Provide lights on existing tennis/pickleball courts for extended evening play. (Feasibility study for lighting at the skate park, user driven fundraising efforts presently underway, in-kind electric work and repurposing of existing poles from other town project (would need a planning grant in 2020 due to scope of projects and public outreach)

• Improve accessibility of the memorial bikeway and Platform Tennis Courts where the existing 12 & under soccer practice field now exists.

• A fence will be installed on the south side of the soccer field, north side of parking lot, to keep vehicle traffic from accessing the park.

Nuche Park

• Be mindful of the RVR protective covenants when determining improvements.

• Provide interpretive signage regarding historical information on the park’s name, and that also provides information on the natural environment, habitat, and ecology of the site.

• Improve the ecology and environmental habitat.
104 of 118

Completed
in Progress

Need to check on status 104 of 118 proposed project

- Other than the minor park improvements listed above, the park should be preserved in its natural state as much as possible. Establish parking area to stop degradation of vehicle 2019 CIP with its.

Promenade Park

- Modify the existing demonstration wild flower gardens currently overrun with weeds, and redo in grass turf, along with creating a community vegetable garden along the Rio Grande Trail. Created a raised garden and used it for the summer garden book camp, camp moved to Demeters garden.

Sopris Park

- Replace the older components within the playground area and provide for ADA accessibility. [PARK] Oval grass 2019-20, this will comply with newly updated elements.
- Park playground bench installed for parents watching their children.
- Add trees in locations that do not conflict with circulation or event setup. A fence was installed on South West corner along with rocks to protect trees.
- Pave with asphalt the existing crusher fine trail leading to the picnic shade shelter to avoid current weed and vegetation growth issues that impact these trails and to improve ADA accessibility. (Possible FMLD grant 2019-20 spring.)

Stairway Park

- Maintain safe stairway access into the park by providing a non-slip surface on the stairs. [Completed fire mitigation]
- Initiate streambank restoration to prevent shoreline erosion.

Bonnie Fisher Park

- Park playground bench installed for parents watching their children.
- And one along side new Triangle Park Connector Trail from parking lot to 133 trail.

RVR Triangle Park

- Park playground bench installed for parents watching their children.

Hendrick Park

- Park playground bench installed for parents watching their children.
6. Plan for the Future

Upon securing fiscal health, create financial mechanisms to develop and maintain new projects.

Overview
The ability to create and focus on new projects relies on obtaining significant additional funding. Community-wide survey results provided insight that voters may be likely to support a sales tax increase to support new recreation, park and trail efforts. The Town of Carbondale’s total sales tax is 8.40 percent with 0.5 percent of it resulting from the existing recreation and use sales tax. Table 1 shows that Carbondale’s current tax is not the highest or the lowest in the region as compared to similar mountain communities in Colorado. This suggests it may be reasonable for Carbondale to increase its sales tax, but keep in mind that local voters and business owners may be less likely to support an increase as Carbondale reaches the upper thresholds of the tax range. Several communities similar to Carbondale have been successful in passing a recreation, open space, and/or trails sales tax. Carbondale has a lower percent sales tax for this purpose than the communities of Basalt, Snowmass Village, Crested Butte, Gunnison and Avon. Further steps are needed to determine if a half cent increase for recreation would be supported by voters. If approved by voters, it would allow the Town to complete the more expensive priority projects within the next 10 years. If a more conservative quarter cent increase for recreation is supported by voters, it would meet some smaller priority project needs, but would be mainly used for more improved maintenance and enhancement of existing facilities.

Table 1: Sales Tax Comparison

<table>
<thead>
<tr>
<th>Town/City</th>
<th>Town/City Tax Rate</th>
<th>Special Districts</th>
<th>County Tax Rate</th>
<th>State Tax Rate</th>
<th>TOTAL TAX</th>
<th>Lodging Tax</th>
<th>Specially Earmarked</th>
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</thead>
<tbody>
<tr>
<td>Carbondale</td>
<td>3.50%</td>
<td>1.00%</td>
<td>1.00%</td>
<td>2.90%</td>
<td>8.40%</td>
<td>2.00%</td>
<td>5% Recreation and Use Sales Tax</td>
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<td>Glenwood Springs</td>
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<td>2.90%</td>
<td>8.60%</td>
<td>2.50%</td>
<td>1.5% Capital, 2% Transit &amp; 5% Streets</td>
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<td>1% Open Space Tax</td>
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<tr>
<td>Basalt (Pitkin County)</td>
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<td>0.80%</td>
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<td>2.90%</td>
<td>9.30%</td>
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<td>1% Open Space Tax</td>
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<td>Snowmass Village</td>
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<td>2.40%</td>
<td>2.5% for Marketing</td>
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<tr>
<td>Crested Butte</td>
<td>4.00%</td>
<td>0.60%</td>
<td>1.00%</td>
<td>2.90%</td>
<td>8.50%</td>
<td>4.00%</td>
<td>Additional Voluntary 1% Open Space Sales Tax</td>
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<td>City of Gunnison</td>
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<td>1% Recreation sales tax</td>
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<td>8.15%</td>
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<td>1% Parks and Recreation sales tax</td>
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<td>1.5% Open Space &amp; Trails, 15% Parking</td>
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<td>8.28%</td>
<td>3.40%</td>
<td>1.5% Open Space &amp; 1.46% Marketing</td>
</tr>
</tbody>
</table>

Sources: City/Town websites as of December 2014
Once securing sufficient funding for maintenance of existing facilities, consider a dedicated tax or fee and dedicated revenue generated through sales and use tax dollars for the local projects required to supply and seek Great Outdoors Colorado (GOCO) and Garrett County funds. Additionally, local funding debt issued for high-cost improvement projects. Citizen voter approval to secure bonds may also be required for larger projects that include improvements to the following:

- **John H. Reed Recreation Plan**
- **South Mill Creek Park** (see “Improve the Bicycle and Pedestrian Network” section).
- **Gateway River Park** (see “Improve and Enhance Gateways and Celebrate the Rivers” sections).
- **Crystal River accessibility and restoration and reccoon enhancements** (see “Celebrate the Rivers” section).
- **Existing river and trail improvements in our parks and along trails** (see the “Bicycle and Pedestrian Network” section).
- **Covered Ice Rink Facility** (possibly enclosed, and private funding needed).

**Recommendations**

**Pursue a Tax Increase to Support Long-term Priority Projects:**

- Engage the local business community in a discussion of the implications of a tax increase.
- Evaluate alternative tax options and their potential revenue, such as:
  - A quarter-cent sales tax increase to the Recreation Sales and Use Tax to support some of the lower-cost improvements identified in this plan (could result in a $250,000 annual increase to this fund if current sales tax return rates continue).
  - A half-cent sales tax increase to the Recreation Sales and Use Tax to support some of the greater cost projects long-term identified in this plan (could result in a $500,000 annual increase to this fund if current sales tax return rates continue).
  - Sunset period for sales tax increase.
  - A property tax increase designated for park and trail maintenance purposes. A property tax increase would require voters to approve a property tax mill levy for a specific service or purpose (if the existing Town property tax levels...
were doubled it could result in approximately $213,000 annually if current property tax return rates continue. The creation of a property tax for a service area beyond the Town boundaries could be introduced if a Parks and Recreation District or Subordinate Agency and Area were established.

- A voluntary sales tax program (similar to the Town of Crested Butte’s 1% Open Space program).
- Tax limited to recreation product sales (similar to the City of Colorado Springs Bicycle Sales Tax).
- Conduct a voter study and possible poll to determine the projects and ballot language that would lead to voter support.
- Develop a ballot issue for inclusion as early as autumn 2015 or for a spring or autumn 2016 election.

Swimming Pool:

There are five tiers of pool improvements than can be evaluated and phased over time, ranging from small safety and accessibility upgrades to a long-term funded newly built pool facility. An aquatic facility and financial feasibility study will need to be conducted considering all future options for the John F. Lloyd Pool that was built in 1975, and the need to replace the older aquatic complex with various cost options ranging from renovation and extending the existing pool facility to building a new swimming pool facility.

- Tier 1: Recreation Sales Tax Increase to address Safety and Accessibility Upgrades (near-term needs):
  - Renovate the existing bathhouse to meet accessibility and safety standards. Improve safety access for emergency responders by improving vehicular access to the gate.
  - Consider changes to the perimeter pool fence that are visually more aesthetic than chain link, yet allow better visibility into the pool during evening hours by patrol officers to deter illegal trespass activity. Fencing must also meet the desires of pool users for privacy during pool hours.
  - Create a zero depth sloped entry into the pool for improved accessibility. Provide a temporary pool shade canopy or covering.
  - Renovate and remodel pool exterior and interior spaces to improve appearance and user comfort. Replace outside pool door and paint every year, flower box repair, new chairs, new pool heater.

- Tier 2: Recreation Sales Tax Increase to address the Bathhouse and Minor Pool Improvements:
  - Replace the bathhouse with a new structure that meets today’s accessibility and comfort needs.
Need to check on status  2015-19 proposed projects

- Create a larger lawn area adjacent to the pool for sunbathing.
- Replace the filtration system and upgrade mechanical systems.
- Replace the wading pool with a splash pad. *(Repaired Wading Pool with new plaster)*
- Replace the pool slide and consider other poolside amenities.
- Install a permanent shade structure.

- Tier 3: Recreation Sales Tax Increase to address the Bathhouse and Major Pool Renovation Improvements:
  - Bathhouse and other improvements as described in Tier 2 approach.
  - Rebuild the pool with improved layout and amount of pool features such as an outdoor lap pool, children's play pool and outdoor therapeutic spa.

- Tier 4: Recreation Sales Tax Increase and Bond Referendum to address Construction, Operation and Maintenance of:
  - Year-round tent or bubble structure over the existing pool
  - (OR) a Year-round heated outdoor lap pool

- Tier 5: Recreation Sales Tax Increase and Bond Referendum to address Construction, Operation and Maintenance of:
  - Year-round Indoor Aquatic Center that incorporates play features into the design.

Ice Rink:

A community interest group of members expressed and advocated interest for building an indoor or covered ice rink facility. The Town would need to work with this organized interest group to assist them in finding available land, study local market conditions, and determine financial implications regarding operations and maintenance requirements, along with participation as a partner in fundraising efforts. To satisfy the short term desires and to enhance the existing ice rinks, methods of extending the ice season should be investigated (i.e., shade structure over the downtown rink, and or the cost of temporary refrigeration options and compressors allowing for a more traditional refrigerated surface that could extend the season by two to three months).

7. **Distinguish Carbondale**

*Promote and focus on becoming renowned for the unique assets that express Carbondale's identity.*
Overview
Carbondale has a reputation and identity grounded in several themes, including its ranching heritage, strong bicycle culture, access to mountain adventure as a basecamp to the great outdoors and a diverse community of arts, culture and community celebrations. In addition, Carbondale holds a high status for being a leader in energy efficiency and environmental stewardship. Carbondale should promote and focus on being renowned for these assets unique to the community.

Recommendations
Special events are well celebrated within the community and can generate community excitement and support for the parks, generate revenue for the local economy, and attract visitors and enhance tourism opportunities.

- Identify, enhance and promote sites that are suitable for hosting recreation events. Many of Carbondale’s existing parks and open spaces are excellent choices and well suited for hosting local, regional and national events. Sites such as Sorris Park, North Face Park, Miners Park, Bonnie Fischer Park, Gus Darien Riding Arena, and the Downtown Fourth Street Park and Plaza all should be considered. Amenities and services for events should include water, electrical and adequate restroom facilities.

- Advise and utilize both the North Face Bike Park and the North Face Skateboard Park, which will draw out-of-town visitors. Host events centered in these facilities, including competitions and community picnics.

- Consider the opportunities for in-town recreation in parks, such as snowshoeing, sledding, ice skating, bowling, winter festivals, etc.

- Rotate events throughout Town parks in order to allow sites to recover from use impacts, and to lessen neighborhood impacts with increased noise and traffic, and to keep events unique and special. The Town may want to consider the purchase of a portable bandshell with stage for use in hosting events in a variety of locations.

- Consider the conversion of Fourth Street between Main and Garfield, where the CCAH Launchpad is located, into a Downtown Festival Street Plaza. Utilize traffic calming measures like removable bollards and mountable speed tables to occasionally, seasonally or permanently close the street off to automobile traffic. This one block also lends itself to becoming a permanent pedestrian mall between downtown and the CCAH Launch Pad for special Event festivals, the farmers market, concerts and First Friday activities.

- Calendar/Schedule of events: Collaborate across Town departments to manage a Parks Calendar of Events. A well-managed event calendar balances park events with non-event days to maintain the intended use of the system and allow for grounds recuperation after events. This calendar should also be used to coordinate various...
Encourage the creation of a signature food event or festival celebrating Carbondale’s Food Heritage, Ranching Heritage, and proximity to educational farms like Sustainable Settings and Rock Bottom Ranch. [Our Town, One Table]

- Carbondale is a diverse and bilingual community. Highlight the diversity within events that appeal to both Latino and Anglo populations to bridge the differences within the community and focus on the commonalities. These events that appeal to English and Spanish speakers is one opportunity to embrace the diversity, as are events highlighting food. [Festival Las Americas on May 4th, First Friday in 2018]

- Encourage and support emerging recreational activities such as outdoor and other unique activities related to the environment that bring families together. [The Corn Maze]

- Maintain all Town events as clean and environmentally friendly that promote zero waste. Utilization of revenues from the City Market plastic bag fee could be considered as a means to support and/or subsidize this effort.
8. Provide Sports Facilities

*Focus on providing sports practice fields and indoor recreation within the community, and partner with valley-wide recreation providers for larger complexes and tournament spaces.*

**Overview**

The Town of Carbondale experiences a higher demand than availability exists for recreational fields to support organized youth and teen athletic programs, adult leagues and growing interest in new or alternative field sports and pickup games. The shortage is most notable amongst soccer fields, but it is also a logistical challenge with scheduling lacrosse, rugby, bicycle polo, ultimate Frisbee and mountain bike team practice, to name a few.

The community has expressed challenges in having practice fields out of the proximity required for youth to safely walk or bicycle to the field locations. Another challenge is when parents have children participating in games at different locations and the logistics of going back and forth.

A lack of gym space also poses challenges within the community. While the Recreation Center has a gym, it is often booked and sometimes has multiple, incompatible uses occurring within it. The RE-1 schools also have gyms, but they are currently not shared with the Town to supplement youth and recreational needs independent of school-sponsored activities.

**Recommendations**

- Work with the RE-1 school district to encourage a maximization of the number of sports athletic fields within their properties by implementing all or some of the proposals outlined within the School District 2009 Sports Complex Master Plan.
- Look for shared opportunities for fields and indoor gym use that are compatible uses for user groups.
- Continue the close relationship with the RE-1 school district to share facilities.
  - Consider Recreation Department coordination of all scheduling of athletic field and gym use after school hours, removing the burden from the schools, if they are interested.
- Develop partnership cooperation with schools to utilize their gymnasiums to supplement demand for indoor space during peak seasonal times.
- Consider opportunities to add sports lighting to the Tiny Nightingale fields for baseball and soccer play. These fields are located on school district properties and therefore coordination with the schools and a revised Intergovernmental Agreement (IGA) would be needed.
- Focus on providing youth team practices in town, so that it is convenient for parents to drop off and pick up children and/or they can bike or walk to the fields.
Consider reconfiguration of the North Face ballfield into a high school baseball field if it will result in additional community ballfields and soccer fields where the existing Ron Patch Baseball Field is located, as outlined within the School District 2009 Sports Complex Master Plan. Seek opportunities for multi-use sports offerings to expand programming into the evening hours.

- Maintain the multipurpose nature of many of the Town’s parks in order to provide locations for up-and-coming activities such as inline skating or ultimate frisbee. Enhance play by adding new fields, fences that roll, net, etc. Allow these activities to happen only when weather and facilities allow.

- Collaborate, if the opportunity presents itself, with neighboring communities, such as Glenwood Springs or the Town of Carbondale parks and Recreation District, to develop a shared Sports Complex for league and tournament athletic play.

- Work with local youth and adult athletes organizations and leagues to ensure that field equipment purchases meet the standards and requirements needs of both the youth and organizations to reduce the need to duplicate equipment purchases.

- Provide storage space at athletic field locations where needed to accommodate equipment storage needs and to reduce setup and tear-down required at each use.

Basketball Field at Denver, Pickleball Courts and Soccer Club and Little League
9. Build and Enhance Strong Partnerships

Partner with local organizations and individuals to enhance Carbondale’s natural land conservation, agricultural setting and connection to its heritage.

Overview
The Carbondale and Roaring Fork Valley has an abundance of wonderful nonprofit organizations and community minded individuals and businesses to collaborate in partnership with. Leverage these partnerships and volunteers through concerted efforts to maintain and improve Carbondale’s parks, trails and recreational offerings. In addition, better align and coordinate these efforts internally, involving Town staff and commissions. While the Town currently has many strong partnerships and collaborations throughout the community, a number of new opportunities or areas to focus on were identified in the Master Plan process including:

- Senior Services (recreational opportunities and programming)
- Special Needs (recreational opportunities and programming)
- Environmental Education Program (ECO)
- Community Safety (park rule enforcement)
- Special Events and Festivals
- Hispanic Latino Organizations
- Trail Advocates
- Schools (PRL, CRMS, CMC, etc.)
- Mt. Sopris Historical Society
- LiveWell Garfield County (Garfield County Healthy Community Coalition)

Recommendations

- Hold periodic meetings between the Recreation Department staff and other Recreation Advisory Board members to discuss program and facility schedules; address conflicts arising by discussing ways to implement rules and regulations within the park; and discuss best practices and lessons learned with one another. Use these meetings to identify opportunities for shared resources.
- Develop collaborative partnerships with other local cultural organizations, golf courses, and trails and environments education provider when working on community goals and objectives.
- Develop collaborative partnerships with local and regional health coalitions, local and regional health and wellness agencies, and health care providers to enhance the recreation and health/well being offerings of local programs.
Develop a list of community service projects for when volunteers become available and want to organize a workday.

- Provide Town support for organizations with resources to complete outdoor projects that benefit Carbondale residents, such as Habitat for Humanity, Roaring Fork Conservancy, Glenwood Springs Historical Society, etc.

- Develop relationships with local Hispanic/Latino organizations and support agencies, like Club Rotario, Roaring Fork English in Action, Latinos en Acción, to understand the needs of the community members. Inform about recreation programs offered by the Town and to better understand the recreation needs and desires of all community members.

- Develop a relationship with the Pitkin County Historical Society to assist with Thompson Park property. There has been interest expressed regarding developing an Hispanic heritage tourism themed activity centered around the historic Thompson House museum along with a proposed new heritage learning center that would include a Hispanic demonstration orchard and garden. FMDL Grant for window and patio restoration 2017. MOU with Roaring Fork Food Alliances with support from CMC Sustainability Program for maintenance of Historic Food Forest on property will continue in 2018.

- Continue working in partnership collaboration with the local U.S. Forest Service office in Carbondale, and also with the local Colorado Parks and Wildlife Department office.

- Continue working in partnership collaboration with RTA Transit and TRC. Land Use Planning for 2018 submitted May 2017 for Lichtman Rio Grant Artway Trail project. Was not funded.

- Encourage collaboration between Town departments, including Parks, Fire, Transportation, Planning, Public Works and Public Safety.
10. Broaden, Enhance and Promote Recreation Opportunities

*Develop strategic partnerships to increase program and activity offerings to underserved user groups.*

**Overview**
The Town of Carbondale seeks to provide services, programs and provide amenities that encourage all segments of the population to use them. The following groups have been identified as needing additional focus to serve their recreation and activity needs:

- Youth and Teens
- Seniors
- Handicapped
- Special needs groups
- Low income/underprivileged
- Families
- Recreation

**Recommendations**

**Youth and Teens**

- Create more nature education opportunities in and surrounding Carbondale. Promote partnerships with the Aspen Center for Environmental Studies (ACES) and Rock Bottom Ranch and Sustainable Settings.

- Provide activities geared toward teens. For example, have at least one outdoor bike-in movie in the summer that appeals to teens as the target audience.

- Engage school leaders to help organize an intramural league for teens utilizing CRCC gym space for sports such as volleyball, basketball, soccer and more.

- Encourage Teen representation on the Parks and Recreation Commission.

- Encourage Teen representation on the Bike Pedestrian and Trails Commission.

- Partner with schools to determine how the Recreation Center's intramural, youth and school groups can be modified and expanded to fulfill the needs of students.
Trends in teen recreation include Parkour and Gymnastics, including ski and snowboard training. These require seasonal indoor space. Provide activities that appeal to teens as the target audience.

Seniors

- Partner opportunities to partner with other organizations and facilities provide opportunities and share senior programming and marketing opportunities throughout. An example: local fitness facilities may be interested in active and engaged members.

- Increase marketing and advertisement for senior activities. Regular advertisements in local papers are a great means to reach the population, especially since many have limited computer and internet access. Including special events and programs in senior housing newsletters promotes programs by newsletter at senior housing.

- Pickleball is a popular sport among the older adult and senior populations. Demand for facilities currently exceeds space. In order to promote this growing sport and the health benefits it provides to the population, accommodate regular Pickleball times in the recreation center, particularly in colder weather months where outdoor play is prohibitive. Promote recreation center memberships to these users.

Hispanic/Latinos

- Provide contracts, brochures and advertisements in Spanish. Expanding marketing into new languages.

- Host enrollment events that have a Spanish translator present to translate important information and answer questions that may arise. Some of our free Self Defense classes have an English to Spanish translator.

- Recruit Latino volunteers to assist with children's programming and build involvement and leadership within the Latino community.

- Provide information in Spanish regarding the Community Garden to encourage participation. Provide information on the Healthier Community Garden.

- Encourage Latino/Hispanic representation on the Parks and Recreation Commission.

- Encourage Latino/Hispanic representation on the Bike Pedestrian and Trails Commission.

Special Needs Groups
• Consult with local professionals engaged in special needs services to provide input regarding parks and recreation design and facility improvements.

• Seek partnerships with special needs providers to support recreation activity offerings. Encourage and Wyman Advantage Programming on the climbing wall and the forest 

Promote Recreational Activities

• Add a master list of all programs and local recreation-based opportunities available in the community to the Parks and Recreation website. Include links to the Information Website Links page to other recreation offerings.

• Advertise and better connect with schools regarding opportunities for youth participation scholarships. Potential ideas may include scholarships for special needs programs, offering proof of residency, income bracket and minority matching commitments. Scholarships can be used to supplement program fees and personal equipment needs. Partner with local organizations such as the Elks or Rotary Clubs, banks/businesses and others to help fund scholarships.
11. Support the Creative District Plan

Support the Creative District Plan by strategically utilizing public properties to their potential; positioning them as flexible space for community recreation, special events and the arts.

Overview

Arts and cultural services are fundamental to the civic purposes of Carbondale and to the community's identity. Support of the 2014-2015 Creative District Plan should be continued by strategically utilizing public properties within the district to their potential and by celebrating opportunities for creative, flexible space for the community's benefit of recreation, special events and the arts. Parks and the arts collectively encourage economic development and tourism within the community.

A significant component of the Carbondale Creative District Plan relates to a well-designed signage and wayfinding system. Signs help guide visitors and residents to key destinations, linking trails to major amenities like parks, gateways, and Town services like the library, Town Hall and Carbondale's many performance spaces. They also are able to create and narrate educational opportunities and serve as branding that is continuous throughout the community, easily recognizable and consistent.

Recommendations

- Coordinate and follow signage guidelines defined by the Creative District Plan for all parks. Consider signs for historical, educational, and interpretive purposes with opportunities for educational or experiential interpretation, and communicate parks and trails rules and regulations.

- Create guidelines for appropriate memorials and art placement in Town parks and along Town trails.

- Seek opportunities to enhance cultural, historic and arts offerings within parks. One example is a park amenity that provides interactive musical outdoor percussion instruments.