

Open Space Advisory Board

Agenda

Wednesday, August 14, 2019
Library 1st Floor Meeting Room
951 Spruce Street
7:00 PM

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes
5. 7:05 pm Staff Updates (5 Minutes)
6. 7:10 pm City Council Liaison Updates (10 Minutes)
7. 7:20 pm Board Updates (5 Minutes)
8. 7:25 pm Public Comments on Items Not on the Agenda (5 Minutes, more time as needed)
9. 7:30 pm Discussion Item: Tiger Team Recommendations for Opportunities for Preserving Open Space and Improving Trail Connectivity: Review Findings and Finalize Results (30 minutes)
10. 8:00 pm Discussion Item: Recommendations from OSAB to City Council Regarding the Annual Request to Boulder County Parks & Open Space for Trails and Properties (30 minutes)
11. 8:30 pm Discussion Item: Identify Potential Discussion Items for Joint Meeting with Superior Open Space Advisory Committee (10 Minutes)
12. 8:40 pm Discussion Item: Schedule Options for OSAB Meetings (10 Minutes)
13. 8:50 pm Discussion Items for Next Meeting on September 11th (10 Minutes)
14. 9:00 pm Adjourn

City of Louisville

Parks & Recreation Department 749 Main Street Louisville CO 80027
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Open Space Advisory Board Meeting Minutes
Wednesday July 10, 2019, 7:00pm
Louisville Public Library: First Floor Meeting Room
951 Spruce Street

- 1. Call to Order**
Peter called the meeting to order at 7:02 pm.
- 2. Roll Call**
Board Members Present: Missy Davis, Mike Schantz, Fiona Garvin, David Blankinship, Peter Gowen
Board Members Absent: Laura Scott Denton, Helen Moshak, Tom Neville
City Council Members Present: Bob Muckle
Staff Members Present: Ember Brignull, Nathan Mosley
- 3. Approval of Agenda**
Peter asked if changes to the agenda were needed; no changes requested so agenda was approved as written.
- 4. Approval of Previous Meeting's Minutes**
April Minutes (4/22/2019): Peter proposed to revise the minutes as follows: change meeting date in header (page 2 onwards) from 4/10/2019 to 4/22/2019. David moved to approve the minutes with the aforementioned change(s). Missy seconded. The motion passed unanimously.

May Minutes: (5/8/2019) minutes: Fiona moved to approve as written. Mike seconded. The motion passed unanimously. Note: no decisions were made at this property tour field trip meeting.

June minutes (6/12/2019): Fiona moved to approve as written. Missy seconded. The motion passed unanimously. Note: no decisions were made at this property tour field trip meeting.
- 5. Staff Updates— Ember**
See updates provided by Ember on page 12 of the July 2019 OSAB Meeting packet.
 - A. David asked about Hwy 42 underpass. Nathan reported that the contract has been approved, and substantial completion is anticipated by March 2020.
 - B. BNSF underpass at Bullhead Gulch: Cost estimates have grown substantially as drainage requirement has changed from ability to handle 10-year flood to 100-year flood. Council decided to postpone decision until 2020 budget decision making process.

6. City Council Liaison Update

Council will discuss Phillips 66 development options in October. Primary employer would have a facility at the center, with senior housing, shops, and retail. Developer has initial (draft) plans to have portions of public open space on the property, so OSAB review will be needed later in the year.

7. Board Updates

David noted that the Superior part of the Coal Creek trail opened recently.

David noted that the trail proposal we reviewed earlier on the Ascent Church property will need to be revisited as Ascent is not planning to build on the 96th Street property.

8. Public Comments on Items Not on the Agenda

NA

9. Discussion Item: Transportation Master Plan Review with Focus on Trails Connectivity: Presented by Lisa Ritchie, Associate Planner, Planning Dept.

See materials provided by Lisa Ritchie on page 14 of the July 2019 OSAB Meeting packet.

Lisa noted that OSAB provided initial input in Sept. 2018. Planning has solicited input from citizens through a variety of modes in the past months and has consolidated input into master document with list of all options. Intent is to guide CIP planning for next 10+ years; list is not fully funded at the time.

Ember asked for any questions and clarified a few items on the map. Depending on the multi-use path location or upcoming projects different departments may be involved in construction of the multi-use path, the goal is to work together as a City to create a complete system throughout town. For Example, the transportation plan piece (e.g., a road improvement and sidewalk installation would be managed by Public Works). She noted that the main question for OSAB is if anything is missing or if the board doesn't support something currently listed. Bob clarified that OSAB needs to make sure that all trails and connections are "on the map" for review and consideration.

Missy asked how does Wayfinding fit in? Lisa said TMP would recommend implementation of Wayfinding as a policy recommendation. Fiona seconded Missy's concern. Peter asked if any group is looking at the entire map, not just their road/parks projects. Lisa said that the Planning staff performs this function (as well as OSAB review).

Peter suggested adding trail along the Highline/Goodhue ditches from S Boulder Road area up to Centennial, to join up with ditch trail & North Open Space. Mike suggested better alignment for Hecla Lake to Waneka Lake. and better signage for existing crusher fines trails. Mike suggested considering access through the large un-built-on lot at the west side of the Enclave to Davidson Mesa.

Nathan showed some possible north-south trails in the Phillips 66 property, which staff viewed and walked earlier this week. The concept would be to connect Coal Creek trail to the NW Parkway underpass, Stearns Lake, and the planned 104th St trail.

David asked if TMP considers formalization of any social trails. Lisa responded that usually not, unless there is a safety or connectivity issue.

10. Discussion Item: Opportunities for Preserving Open Space and Improving Trail Connectivity: Review Findings and Finalize Results

Ember noted that the spreadsheet in the packet does not show decimal points, which makes some of the calculations appear incorrect. However, the numbers ARE correct. Ember noted that "Size" was evaluated inconsistently. Fiona suggested that we delete the board's subjective rating and use a 3-level rating based on actual acreage. Ember proposed a 3-level rating (see below); Board agreed.

0 (small) = 0-9.9 acres

1 (medium) = 10.0-24.99 acres

2 (large) = >25 acres

Ember noted inconsistencies in Board rating of "Potential for Partners"; Board agreed to use Ember's additional information and asked her to change the numbers. Ember will distribute an updated matrix in August's meeting packet.

Fiona noted the difficulty of having so many criteria to evaluate each property on. Peter suggested that board member comments on the evaluation process should go to Ember for compiling for future board discussions.

Peter proposed a Tiger Team of Laura and Peter to review the revised matrix with Ember, they will complete the Acquisition Strategy, and Zone as Open Space columns, review data for coherence & consistency, and present to Board at next meeting. Board agreed.

11. Discussion Item: Results of OSAB Key Performance Indicators Surveys

Ember reviewed the results of the subjective survey performed in June (see page 41 of the July 2019 OSAB Meeting packet meeting packet).

12. Discussions Items for the Next Meeting on Wednesday, August 13, 2019

- A. Conoco-Phillips review
- B. Boulder County trails & acquisition request
- C. Tiger Team review of Acquisitions matrix
- D. Open Space Zoning Review
- E. Meeting day of week discussion (related to Bob Muckle's availability)

13. Adjourn

The meeting adjourned at 8:41 pm.

Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: August 14, 2019
Re: Staff Updates

General:

- Phone Interviews for the Ranger Naturalist Position are currently scheduled for August 1st.
- The Senior Natural Resource Position is currently vacant.
- There are three Great Blue Heron chicks on the platform nest at Hecla Open Space.
- The Louisville Boulder County Youth Corps team has completed their work for the season.
- Open Space Zoning Scope of Work was presented to City Council on July 29th.
- Staff will be preparing the bid packet for the Coyote Run Trail work.
- Staff will be initiating discussions with Rocky Mountain Fire Protection District in preparation for fall prescribed fire.

Education:

Past:

- Saturday, July 6th from 8:00 to 10:00 am, Pulling for Colorado. Davidson Mesa Open Space. 7 participants.
- Tuesday, July 9th from 6:00 to 7:30 pm, Camping 101. Louisville Library, first floor meeting room. 6 participants.
- Thursday, July 25th from 6:30 to 7:30 pm, Volunteer Weed Pull. Bullhead Gulch Open Space. 7 participants.
- Friday, July 26th from 7:30 to 9:00 pm, Brilliant Bats. Coal Creek Golf Course (meet at Clubhouse). 28 participants.

Upcoming:

- Saturday, August 17th from 9:00 to 10:00 am, Walkin' and Talkin' with the Mayor. Aquarius Open Space trailhead, HWY 42. All ages.
- Saturday, August 24th from 10:00 to 11:00 am, The Importance of Trees. North Open Space, meet at Keith Helart Park, Monarch Court. Adults.
- Saturday, September 7th from 2:00 to 3:00 pm, Wildlife Games. Keith Helart Park, Monarch Ct. Ages 5-12.

Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: August 14, 2019
Re: Discussion Item 9. Tiger Team Recommendations for Opportunities for Preserving Open Space and Improving Trail Connectivity: Review Findings and Finalize Results

Purpose:

During May and June OSAB preformed field tours to view and evaluate candidate parcels that may support OSAB's goal of preserving Open Space and improving trail connectivity. Staff compiled OSAB rankings for each parcel, these rankings were discussed at the July meeting and a Tiger Team was formed to further evaluate the results. The Tiger Team assigned acquisition strategies to each parcel and the board will review the Tiger Team recommendations and finalize the acquisition strategies and rankings at the August meeting.

Background:

Since 2007, the Open Space Advisory Board (OSAB) has participated in evaluating parcels for potential City acquisition for the purpose of Open Space land or trail corridors. This OSAB duty is identified in the Home Rule Charter and is an important function of the board. The recommendations for parcels to be evaluated are generated by OSAB members, City Council members, and City Staff.

Once parcels have been identified for evaluation, OSAB periodically participates in a driving tour to view and rank the parcels based on resource and cultural values; this data is then recorded on the "Acquisition Ranking Table" (the table). The values and the ranking criteria for the table are identified in the attached "City of Louisville Candidate Open Space Category Definitions". The table is always partnered with a property location map which identifies the parcels to be evaluated and is labeled as the "Candidate Open Space Properties 2019" (the map). The map has alpha labels for each property and the alpha labels are entered into the property I.D. column on the table to link the two documents. In 2019, new parcels for consideration have been given a numeric I.D. and are indicated in red and brown.

Once each OSAB member has completed the table, staff compiles and averages the resource, cultural, and total scores which are then entered into the "Opportunities for Preserving Open Space & Improving Trail Connectivity" spreadsheet (the spreadsheet). The spreadsheet is the final document that is shared with City Council and the City Manager's Office to illustrate OSAB's acquisition priorities and recommended acquisition strategies. The acquisition strategies are further defined in the "Strategies and Tools for Open Space Property Acquisition" document.

The last step in the process is to complete a summary sheet for each priority property that contains additional property information.

Additional background materials regarding OSAB's participation and thought on this process can be found in the March, 14 2017 City Council Study Session Packet which is located here:
<http://laserfiche.louisvilleco.gov/weblink/0/doc/344678/Page1.aspx>

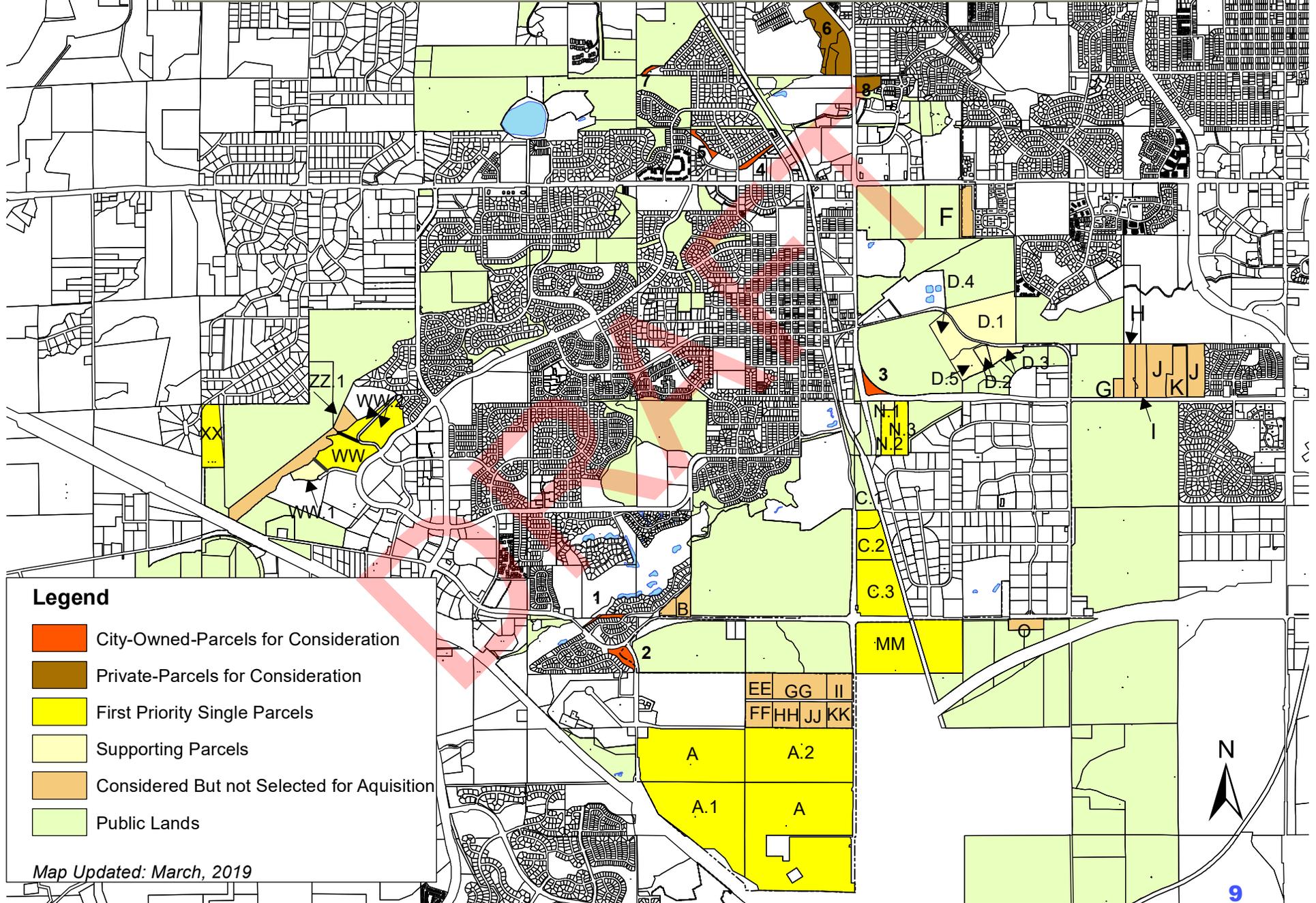
Next Steps:

Once OSAB finalizes the table the spreadsheet and map will be updated and provided to City Council and appropriate City staff so that OSAB recommendations can be factored into future planning efforts.

DRAFT Acquisition Ranking Table (2019 May and June) OSAB RANKING DRAFT

Name	I.D.	Acres	Vegetation	Wetlands	Riparian	Wildlife Habitat	Connectivity	Open Water	Topographic & Geological Significance	Size*	Total for Resource Values	Public Visibility	Scenic	View	Historical Significance	Agricultural Significance	Recreational Preservation	Existing Potential	Threat of Development	Buffer	Potential for Partners	Undefined Unique Features	Total for Cultural Values	Total Score	Acquisition Strategy (Fee Simple/CE/Trail Easement)	Propose Open Space Zoning (Yes or No)
Phillips - NE Section	A.2	80	0.7	0.7	1.0	1.0	0.9	0.4	1.1	2.0	7.9	1.1	1.1	1.3	0.1	0.3	1.0	0.7	1.7	1.3	1.0	0.4	10.1	18.0	Fee Simple 30+ acres/CE/Trail Easement/ PUD dedication	
Mayhoffer - Empire Road adj. to Mayhoffer	D.1	14.75	0.7	1.1	1.1	1.1	1.1	0.6	0.7	1.0	7.6	1.3	0.9	1.1	0.9	1.0	0.9	0.9	1.3	1.0	0.3	10.3	17.9	CE/Trail Easement/ [Preserve ag use]		
Newbold - SE HY 42 & 96th St - eastern parcel	N.3	10	0.9	1.6	1.3	1.3	1.3	0.4	0.6	1.0	8.3	1.1	1.3	1.0	0.3	0.1	1.1	0.9	0.9	1.4	1.0	0.1	9.3	17.6	Fee Simple/CE/Trail Easement (Note: the County is supportive of consider joint acquisition so it may be worth considering "Fee Simple")	
Phillips 66 - NW and SE sections	A	228	1.0	0.1	0.0	0.6	1.1	0.0	0.6	2.0	5.4	2.3	1.0	1.4	0.1	0.1	1.1	0.7	1.7	1.4	1.0	0.3	11.3	16.7	Fee Simple 30+ acres/CE/Trail Easement/ PUD dedication	
95th St and Paschal Drive	6	25.65	1.6	0.7	1.6	0.7	0.9	0.4	0.9	2.0	8.7	1.6	1.1	0.7	0.0	0.0	0.6	1.1	0.9	0.9	1.0	0.1	8.0	16.7	Lafayette PUD dedication	No
Mayhoffer - Empire Road adj. to Mayhoffer	D.4	11.05	0.7	1.1	1.1	1.0	1.1	0.9	0.6	1.0	7.6	1.1	1.0	1.1	0.9	1.0	0.6	0.6	1.0	0.6	0.3	9.1	16.7	Conservation Easement [Preserve ag use]		
Phillips - SW section	A.1	77	0.3	0.0	0.6	1.1	0.3	0.6	1.1	2.0	6.0	1.4	1.1	1.3	0.1	0.1	1.3	0.7	1.7	1.4	0.9	0.3	10.4	16.4	Fee Simple 30+ acres/CE/Trail Easement/ PUD dedication	
Phillips66 - N of Paradise Lane -Middle	GG	19	0.4	0.9	1.1	1.3	0.6	0.0	0.9	1.0	6.1	0.9	1.1	1.3	0.3	0.9	1.1	1.0	1.4	1.0	1.0	0.1	10.1	16.3	Conservation Easement [Preserve ag use] /Trail Easement	
Schreiter - SE corner of Dillon and 96th St.	MM	73	0.0	0.0	0.9	1.1	0.0	0.1	1.1	2.0	5.3	1.6	1.0	1.1	0.1	1.3	0.9	1.1	1.3	1.3	0.7	0.3	10.7	16.0	Fee Simple/CE	
Bennett - SE HY 42 and S. 96th St - western parcel	N.2	8	0.6	1.3	1.3	1.0	1.3	0.6	0.6	0.0	6.6	1.1	1.3	1.3	0.3	0.1	1.0	0.9	0.9	1.4	1.0	0.1	9.4	16.0	Fee Simple/CE/Trail Easement	
Mayhoffer - Empire Road adj. to Mayhoffer	D.5	8.9	0.9	1.4	1.3	1.0	1.4	0.9	0.6	0.0	7.4	1.0	0.9	0.9	0.7	1.0	0.9	0.6	0.6	1.1	0.6	0.3	8.4	15.9	Conservation Easement [Preserve ag use]	
Centennial - eastern	WW.2	20	0.0	0.0	0.9	1.1	0.0	0.9	0.7	1.0	4.6	1.3	1.1	1.4	0.1	0.0	1.1	1.0	1.3	1.3	0.1	0.1	9.0	13.6	CE/Trail Easement/PUD dedication	
Centennial - middle	WW	20	0.3	0.0	0.7	0.9	0.0	0.9	0.7	1.0	4.4	1.4	1.3	1.4	0.3	0.1	1.1	1.0	1.1	0.7	0.1	0.4	9.1	13.6	CE/Trail Easement/PUD dedication	
Archdiocese - S 96th and S. Arthur Ave. - Middle	C.2	14	0.0	0.0	0.9	1.1	0.0	0.3	0.7	1.0	4.0	1.4	0.7	1.0	0.1	0.4	0.7	0.6	1.4	1.0	0.4	0.0	7.9	11.9	Trail Easement/PUD Dedication	
Mayhoffer - Empire Road adj. to Mayhoffer	D.2	3	0.1	0.7	0.7	0.9	0.6	0.3	0.6	0.0	3.9	1.1	0.7	0.9	0.7	0.7	0.4	0.4	0.6	1.0	1.0	0.3	7.9	11.7	Conservation Easement [Preserve ag use]	
CO Tennis - Between S 96th & S. Arthur Ave. - South	C.3	33	0.0	0.0	0.6	1.0	0.0	0.1	0.6	2.0	4.3	1.1	0.6	0.9	0.0	0.4	0.6	0.6	1.3	0.9	0.4	0.3	7.0	11.3	Trail Easement/PUD Dedication	
Games - Between S 96th and S. Arthur Ave. - North	C.1	5	0.1	0.3	0.9	1.1	0.0	0.3	0.4	0.0	3.1	1.4	0.7	1.0	0.1	0.4	0.7	0.9	1.3	0.9	0.6	0.1	8.1	11.3	Fee Simple/Trail Easement/PUD Dedication	
City - Callahan & Keith Helart Park	7	0.5	0.9	1.0	1.3	0.7	0.4	0.6	0.3	0.0	5.1	1.1	1.0	0.7	0.0	0.0	0.7	1.1	0.0	0.6	0.1	0.3	5.7	10.9	City owned - either as is or OS	Either
Bennett - SE HWY 42 & 96th St - western small	N.1	2	0.1	0.3	1.0	1.0	0.3	0.4	0.3	0.0	3.4	0.9	1.0	0.7	0.3	0.0	0.7	0.7	0.7	1.1	1.0	0.0	7.1	10.6	Fee Simple/CE/Trail Easement	
Salaman - W of and adjacent to Davidson Mesa	XX	19	0.0	0.0	0.6	1.0	0.0	0.4	0.4	1.0	3.4	1.0	1.0	1.3	0.3	0.1	0.9	0.4	0.6	1.0	0.3	0.0	6.9	10.3	Fee Simple/CE	
Centennial Park Trail Corridor S. of Fireside St.	4	2.19	0.7	1.1	1.3	1.3	0.7	0.1	0.1	0.0	5.4	1.1	0.9	0.3	0.0	0.0	0.9	0.9	0.1	0.4	0.0	0.1	4.7	10.1	City owned	Yes
Mayhoffer - Empire Road adj. to Mayhoffer	D.3	5	0.1	0.0	0.9	0.9	0.0	0.4	0.4	0.0	2.7	1.1	0.9	0.9	0.1	0.4	0.4	0.4	0.6	1.0	1.0	0.1	7.0	9.7	Conservation Easement [Preserve ag use]	
Church at Paschal and 95th St.	8	4.9	0.0	0.0	0.7	0.6	0.0	0.0	0.7	0.0	2.0	1.7	0.6	1.4	0.0	0.0	0.3	0.6	1.6	1.0	0.4	0.0	7.6	9.6	No action Recommend PPLAB Review?	No
Centennial (Office Park) -Western	WW.1	6	0.0	0.0	0.4	0.7	0.0	0.6	0.4	0.0	2.1	0.9	0.7	0.9	0.1	0.1	0.7	0.6	0.9	1.0	0.1	0.1	6.1	8.3	CE/Trail Easement / PUD dedication	
Goodhue Ditch North OS to Centennial Park	5	1.78	0.1	0.4	0.9	1.0	0.4	0.1	0.3	0.0	3.3	0.9	0.4	0.4	0.1	0.0	0.9	0.9	0.3	0.1	0.0	0.0	4.0	7.3	City owned - trail connection	yes
Coal Creek Trail Corridor - Dillon Rd. to St. Andrews	1	1.9	0.1	0.3	0.6	0.7	0.0	0.1	0.0	0.0	1.9	0.7	0.3	0.3	0.1	0.0	0.3	0.6	0.3	0.3	0.1	0.1	3.1	5.0	City owned - leave as is	No
Dillon Rd & 88th St. Corner	2	4.4	0.0	0.0	0.1	0.6	0.0	0.1	0.1	0.0	1.0	1.1	0.1	0.3	0.0	0.0	0.1	0.4	0.0	0.3	0.0	0.0	2.4	3.4	City owned - leave as is	No
95th St at HWY 42	3	3.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.4	0.0	0.0	0.1	0.1	0.0	0.3	0.0	0.1	2.1	2.3	City owned - leave as is	No
PSOC - Dillon West of Warembourg	B	5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	1.1	1.3	Recommend PPLAB Review	

Candidate Open Space Properties



Map Updated: March, 2019



Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: August 14, 2019
Re: Discussion Item 10. Recommendations from OSAB to City Council Regarding the Annual Request to Boulder County Parks & Open Space for Trails and Properties

Purpose:

During the August meeting the board will develop recommendations for City Council review regarding potential partnership opportunities with Boulder County Parks and Open Space for future open space preservation and trail projects.

Following this memo please find OSAB's 2018 Recommendations to City Council, these recommendations were approved by City Council and the request was submitted to Boulder County. The City has not received Boulder County's response to the 2018 request at this time so the 2017 response has been included in the packet for background. For OSAB's 2017 property request and the County's response please see document page 12 (use page numbers in red). For OSAB's 2017 trail request and the County's response please see document page 28 and 29 (use page numbers in red).

Background:

Annually, Boulder County invites municipalities, within the County, to submit requests for open space acquisition and trail projects, per Resolution 93-174, paragraph 10:

That the Board of County Commissioners will annually consult the City Councils and Town Boards of the municipalities within Boulder County to assure that open space preservation and trail projects identified by municipalities are considered in setting county open space acquisition and trail development priorities for the following year.

Information requested is as follows:

- A. Open Space Requests: *Through the efforts of all of our open space programs, we have preserved a lot of open space in Boulder County. What significant parcels remain in your area in order to consider the job done? Please list properties numbered in order of priority, even if you have submitted them in a previous year.*

- B. *Trail Requests: Boulder County gives stronger consideration to trail projects that connect to existing community trails on county open space properties and regional trails, and trails that are recommended in management plans. Trails that serve primarily a local population are not likely to be considered for funding through the Boulder County Parks and Open Space CIP. Please list projects numbered in order of priority, even if you have submitted them in a previous year.*

Next Steps:

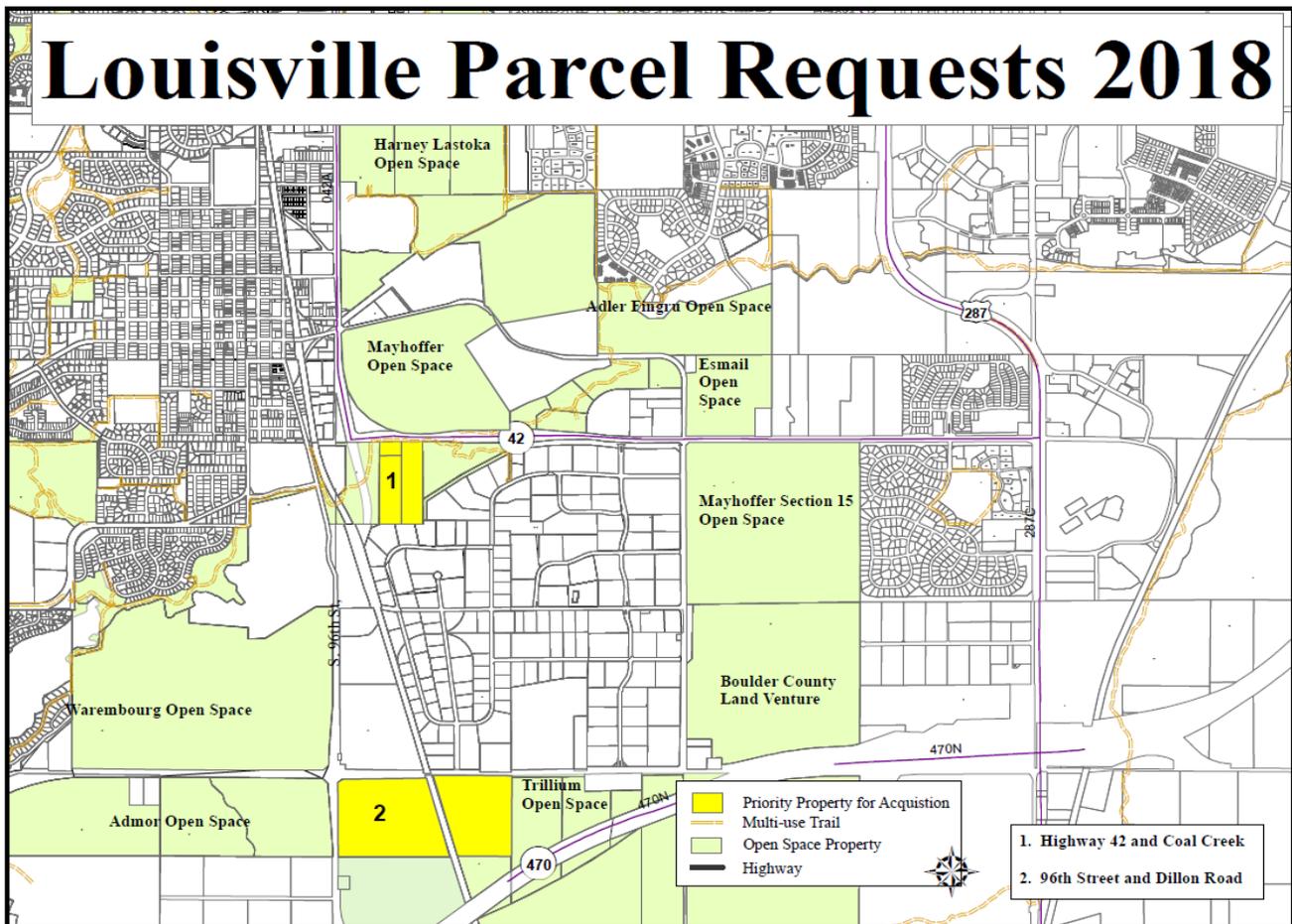
OSAB recommendations will be reviewed by City Council and may be revised before the request is formalized via resolution. The resolution will then be presented to Boulder County Parks & Open Space for consideration.

OSAB Recommendations to Louisville City Council Regarding the Annual Property and Trail Requests to Boulder County Parks & Open Space

Property Request

Recommended by the City of Louisville Open Space Advisory Board.

- 1. Highway 42 and Coal Creek.** This area is approximately 18 acres in size and is located south of Highway 42 between two existing Louisville Open Space properties. The property is also adjacent to the regional Coal Creek trail, is within the Coal Creek riparian corridor and was designated as a 'Significant Riparian Corridor' in the Boulder County Comprehensive Plan. Benefits of acquiring this property include: protection of the Coal Creek riparian corridor and creation of a larger contiguous 47 acre open space property.
- 2. 96th Street and Dillon Road.** This area is approximately 76 acres in size and is located south of Dillon road between the jointly owned Admor and Trillium Open Space properties. This parcel was designated as agricultural "Lands of National Importance" in the Boulder County Comprehensive Plan. Additionally, this is the last parcel needed to complete the buffer zone between Louisville and Broomfield.



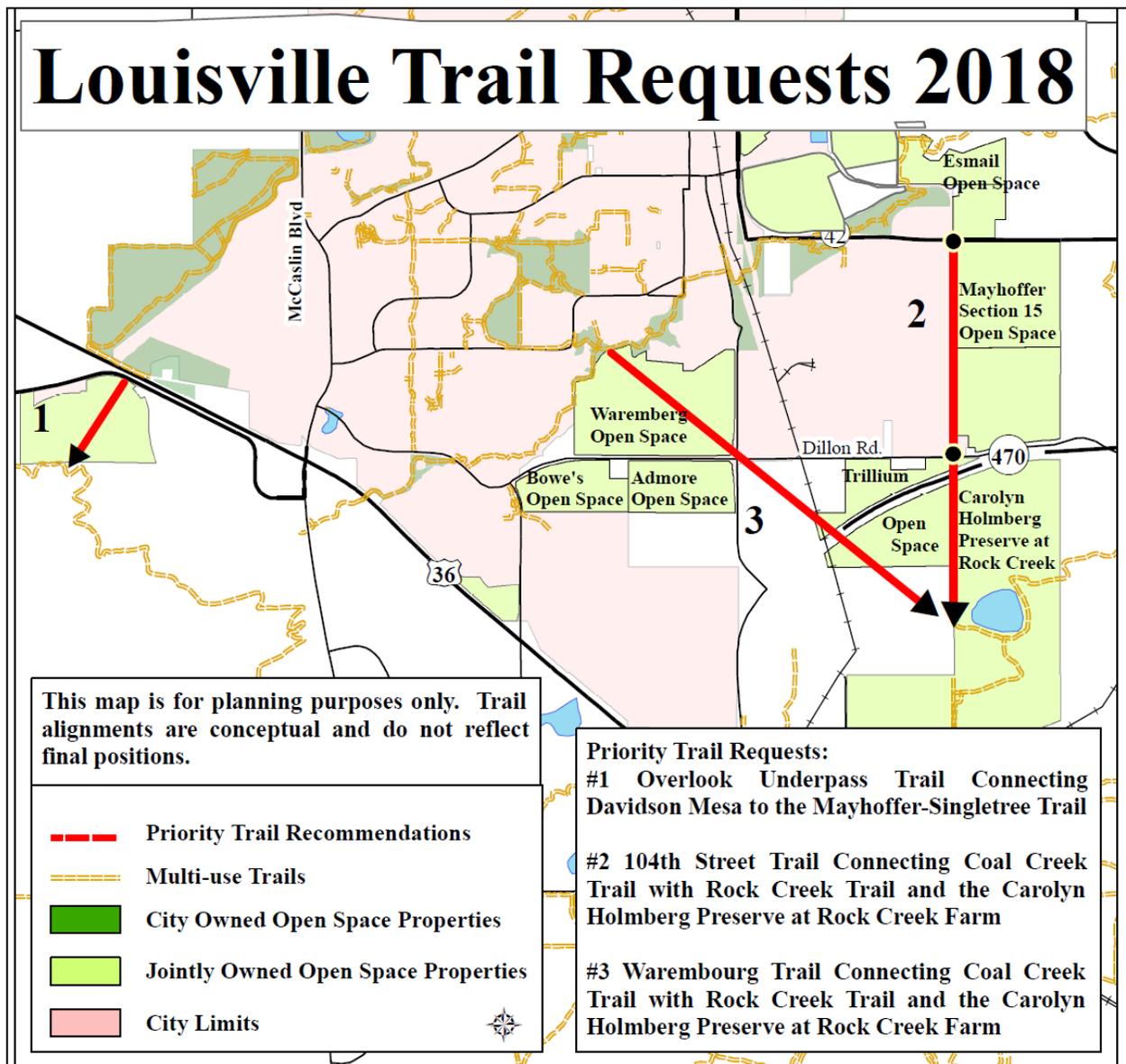
Trail Request

Recommended by the City of Louisville Open Space Advisory Board.

- 1. Overlook Underpass Trail- Connecting Davidson Mesa to the Mayhoffer-Singletree Trail:** The new underpass enables citizen's safe access across Highway 36 which will make a connection possible from the Davidson Mesa trail system to the Mayhoffer-Singletree trail. This connection would allow citizens to access the Cowdrey Draw, Marshall-Mesa, Community Ditch and Doudy Draw trails along with other City of Boulder trails in the Foothills. Louisville would like to continue to work with Boulder County and Superior on this trail alignment and construction.

2. **104th Street Trail- Connecting Coal Creek Trail with Rock Creek Trail and the Carolyn Holmberg Preserve at Rock Creek Farm:** The total trail length would be approximately two miles. This trail would connect the regional Coal Creek trail to the Carolyn Holmberg Preserve at Rock Creek Farm, the regional Rock Creek trail and the Sterns Lake trailhead. Once signalized lights are installed the City would like to work with the County and Lafayette on this trail connection.

3. **Warembourg Trail- Connecting Coal Creek Trail with Rock Creek Trail and the Carolyn Holmberg Preserve at Rock Creek Farm:** This trail would provide a second connection between the regional Coal Creek and Rock Creek trails. This segment would be a more direct connection for Louisville residents as it departs from a more central location within the community. This connection would also provide a nice loop experience by connecting into the proposed 104th Street trail. Although this concept is identified as a conceptual trail corridor in the Boulder County Comprehensive Plan additional discussions is needed to determine trail alignment in regards to agricultural areas and privately owned parcels. This Boulder Valley Comprehensive Plan has this recorded as a conceptual trail corridor.





Parks and Open Space

5201 St. Vrain Road • Longmont, Colorado 80503
303.678.6200 • Fax: 303.678.6177 • www.bouldercounty.org

July 25, 2018

RE: Annual Open Space, Trail, and GIS Requests

Dear City Managers and Open Space Managers:

Each year the County invites the communities of Boulder County to submit requests for open space and trail projects, per Resolution 93-174, paragraph 10:

THAT the Board of County Commissioners will annually consult the City Councils and Town Boards of the municipalities within Boulder County to assure that open space preservation and trail projects identified by municipalities are considered in setting county open space acquisition and trail development priorities for the following year.

Attached, please find status reports for last year's open space and trail requests, and details about the Parks and Open Space Capital Improvement Projects in the next six years. To save paper, we are sending all attachments in this email, but we are happy to provide hard copies upon request. Please return Attachment A: Community Open Space, Trail, and GIS Request Form, by Friday, January 18, 2019.

In addition to exploring partnerships on open space acquisitions and trail projects, we would like to take this opportunity to extend an offer to engage with you in ways that support our mutual goals through technical support, visiting with your advisory board and/or council, or providing other resources. Please don't hesitate to contact us with your ideas.

Sincerely,

Eric Lane
Director

Tina Nielsen
Special Projects Manager

Attachments (also available at <http://www.bouldercounty.org/os/openspace/pages/cip.aspx>)

- A. 2018 Community Open Space, Trail, and GIS Request Form
- B. 2017 Community Open Space Requests: Summary and Status Report
- C. 2017 Community Trail Requests: Summary and Status Report
- D. 2018-2023 CIP Project Spreadsheets
- E. 2018-2023 CIP Project Descriptions

2018 Community Open Space, Trail, and GIS Request Form

Please return your information by Jan. 18, 2019.

I. Open Space and Trail Requests: send to Tina Nielsen
tnielsen@bouldercounty.org, 303-678-6279

Please include your contact information, and whether this request has been approved by your advisory board and/or city council/town board.

A. Open Space requests: Through the efforts of all of our open space programs, we have preserved a lot of open space in Boulder County. What significant parcels remain in your area in order to consider the job done? **Please list properties numbered in order of priority**, even if you have submitted them in a previous year. Please include the owner's name, street address, acreage, parcel ID and account number (from the Assessor's Office) and attach a map if possible. Include any additional information that may be relevant, such as how it fits in with municipal or county plans, approximate cost, whether or not your community can share in the cost, etc. Refer to Attachment B: *2017 Community Open Space Requests — Summary and Status Report* for responses to 2017 requests and updates to requests from previous years.

B. Trail requests: Boulder County is most likely to partner on trails that connect to county open space trails, or are part of identified regional trail priorities, and have been vetted through a planning process that includes input from members of the public and other interested parties. Boulder County welcomes the opportunity to further discuss these requests with your staff or boards. In cases where a specific connection or new trail would follow a fixed alignment across certain properties, please include parcel information (parcel ID and/or account number from the Assessor's Office) for those segments. **Please list projects numbered in order of priority**, even if you have submitted them in a previous year. Refer to Attachment C: *2017 Community Trail Requests — Summary and Status Report* for responses to 2017 requests and updates to requests from previous years.

II. GIS information: send to Kristi Van den Bosch
kvandenbosch@bouldercounty.org 303-678-6308

Boulder County Parks and Open Space GIS staff works to keep maps showing open space in Boulder County up to date. In order to show the complete picture, we need your help. You can communicate changes to your open space information in several ways:

- If you submit to COMAP, let us know and we will use their information
- Send your shapefile or geodatabase
- Send a hard copy of your open space property information

Boulder County will combine the information received from other agencies with its mapping information to produce an Inter-Agency Open Space Map that will be made available both electronically and in hard-copy format.

2017 Community Open Space Requests Summary and Status Report

Each year Boulder County invites the incorporated communities of Boulder County to submit requests for open space and trail projects, per the County’s open space tax resolution approved by voters in 1993 (Resolution 93-174). This report summarizes Boulder County’s 2017 open space acquisitions, and gives an update and status report relating to each incorporated community’s 2017 requests. Note: no requests were submitted by Jamestown or Ward.

Summary of Community Open Space Requests for 2017

City of BoulderPage 3

- 1. Parcels associated with trail projects: Joder-Heil, Eldorado Canyon-Walker Ranch, Boulder Creek Path Extension
- 2. Parcels associated with stream restoration: Left Hand, Boulder Creek, and Dry Creek
- 3. Parcels identified in the OSMP Acquisition Plan

Town of Erie (Three new requests)Page 3

- 1. Open Space Map B, Wheeler (since acquired for open space)
- 2. Open Space Map M, three parcels NW intersection of Baseline Rd. and East County Line Rd.
- 3. Open Space Map F, Coal Creek floodplain and agricultural land
- 4. Open Space Map A, Four parcels along Boulder Creek in Weld County (NEW)
- 5. Open Space Map S, three parcels along east side of 119th St. and north of Jasper Rd.
- 6. Open Space Map L, north of SH 7 and east of County Line Rd. (NEW)
- 7. Open Space Map O, west of 111th St., south of Isabelle Rd. (NEW)
- 8. Open space Map R, parcels along south side of Jasper Rd. and north of Union Pacific RR tracks
- 9. Open Space Map Q, two parcels south of Jasper Rd. and south of Union Pacific RR tracks

City of Lafayette.....Page 6

- 1. Areas C and D, PROST Plan (Mayhoffer Farm) (since acquired for open space)
- 2. Area L, PROST Plan (Wetlands Complex at State Highway 7 and County Line Rd.
- 3. Area I, PROST Plan (in the southwest ¼ of Section 28, T1N, R69W)
- 4. Area H, PROST Plan (SW ¼ of Section 29, T1N, R69W)
- 5. Area N, PROST Plan (East of Warembourg Farm and West of Rock Creek Open Space.

City of Longmont (One new request)Page 9

- 1. Dorothy Olander Family Trust and Elizabeth C. Harper Loving Trust, north and east of Union Reservoir
- 2. McLachlan (f/k/a Edeltraud Johnson) (NEW)

City of Louisville.....Page 10

- 1. Mayhoffer Property (since acquired for open space)
- 2. Highway 42 and Coal Creek
- 3. 96th St. and Dillon Road

Town of Lyons (Two new requests)Page 12

- 1. Martin Parcel flood acquisition property (NEW)
- 2. Apple Valley flood acquisition properties (NEW)

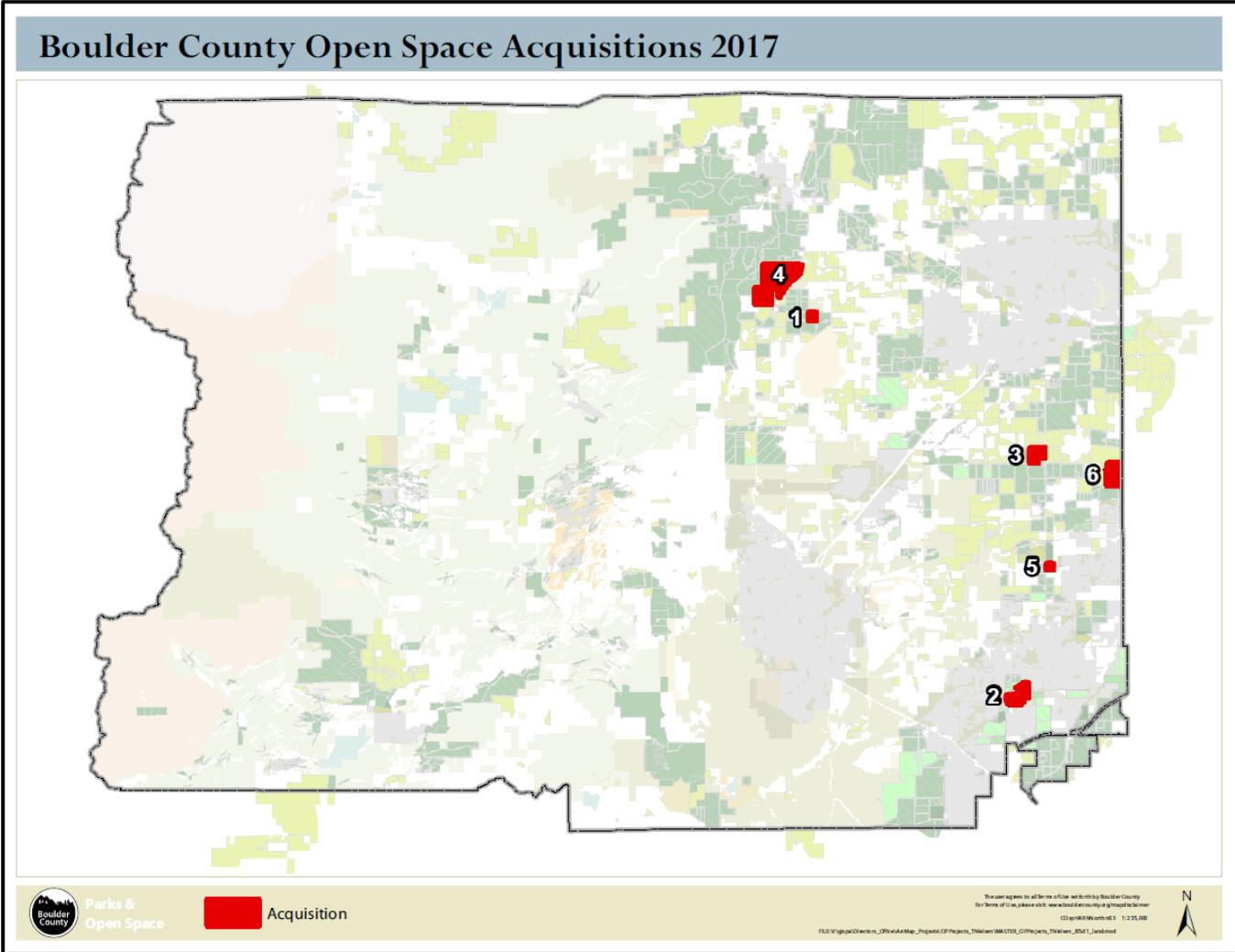
Town of Superior.....Page 12

- 1. Level 3 Property (between McCaslin Blvd. and Eldorado Blvd., north of SH 128)
- 2. Zaharias Property (between US 36 and Saddlebrooke Townhomes)
- 3. Bolejack Property (west of McCaslin Blvd., southeast of Verhey property)

Boulder County’s 2017 Open Space Acquisitions

In 2017, Boulder County acquired approximately 1,350 acres of land for open space (1,206 acres in fee and 144 acres in conservation easements) in the six acquisitions that are shown on the map below. Boulder County also acquired the associated water rights and completed a separate acquisition of 38.5 shares of Davidson Ditch water for use on the county’s existing open space properties. The county invested \$14,392,907, and the Helen Y. McCarty Trust made a \$1,630,000 donation, for a total value of \$16,589,115 in these new open space properties:

- 1. Loukonen-Dairy Farm-Parcel H (fee title)
- 2. Mayhoffer Farm (fee title, two house lot conservation easements, two restrictive covenants)
- 3. McCarty (conservation easement and two restrictive covenants)
- 4. Trevarton (Dorothy Ellen) (fee title)
- 5. Walker Trust-East Parcel (fee title and conservation easement)
- 6. Wheeler Ranch (fee title)



The following provides a summary of open space requests and status of action for each incorporated community in Boulder County that submitted requests.

City of Boulder

1. Parcels associated with trail projects: Joder-Heil, Eldorado Canyon-Walker Ranch, Boulder Creek Path Extension, and Rocky Mountain Greenway

Status: Boulder County is working with the City of Boulder on the projects mentioned: Joder-Heil (POS, through the North Trail Study Area process); Eldorado Canyon to Walker Ranch (POS), Boulder Creek Path extension (POS and Transportation), and Rocky Mountain Greenway (POS and Transportation)

2. Parcels associated with stream restoration: Left Hand, Boulder Creek, and Dry Creek

Status: Boulder County is willing to work with the City of Boulder on mutual goals for stream restoration projects on Left Hand Creek, Boulder Creek, and Dry Creek along with mutual goals in other areas.

3. Parcels identified in OSMP Acquisition Plan. The Acquisition Plan update provides maps of and rationale for areas of acquisition focus (maps: pp. 26-27; rationale: pp. 13-17). OSMP recommends that city and county staff continue to consult with each other about ways to acquire the properties in these areas that meet the criteria described in the plan by working on a “property-by-property” basis. OSMP considers this approach well-suited to current conditions where there is little certainty about the timing and availability of potential open space.

Status: Boulder County looks forward to continuing to work with the City of Boulder on mutual acquisition goals as outlined in the city’s Acquisition Plan.

Town of Erie (Three new requests)

1. **Open Space Map B.** Confluence of Boulder and Coal Creek, Jack & Donna Wheeler (now the Estate of Jack Wheeler). Provides land for a critical trail connection from Erie’s trail network to the St. Vrain Legacy Trail and Colorado Front Range Trail. Access to this property for the creek corridor is essential to the completion of a continuous section of trail connecting the Rock Creek/Coal Creek Regional Trail to the St. Vrain Legacy Trail. Erie seeks to partner financially with Boulder County on planning and funding trail connection corridor.

Status: Boulder County acquired this property in 2017 for \$8,000,000. The county is willing to partner with Erie by giving Erie a conservation easement in exchange for help with funding.

2. **Open Space Map M.** Three parcels in Boulder County NW intersection of Baseline Rd. and East County Line Rd. Linn McDonald, 33 acres; Millican Revocable Living Trust, 90 acres; Lafayette 7 General Partnership, 43 acres. This wetlands area is a continuation of a larger wetland area south of the Highway 7 which is under one ownership. This wetlands area is

well known and has been designated by the EPA as a National Priority Wetland. Both Lafayette and Boulder County have expressed interest in the past for joint acquisition and preservation of these wetlands as they provide critical nesting habitat for many species of birds.

Status: Same as Lafayette #2. Boulder County is willing to partner with Erie and Lafayette to protect these wetlands.

3. **Open Space Map F.** Coal Creek floodplain and agricultural land. Owner: Ruben Rohrshneider, 86 acres total, Erie is interested in the 54 acres north of Coal Creek. Adjacent to Coal Creek (in floodplain) and existing 45 acre Town open space parcel on the east boundary. Provides critical connection for Coal Creek Trail, St. Vrain Legacy Trail and Colorado Front Range Trail. Town has made initial offer to acquire the property (rejected by the landowner); negotiations are continuing.

Status: Boulder County is willing to discuss these properties with Erie.

4. **Open Space Map A (NEW).** Four Parcels of Land in Weld County along Boulder Creek, north of State Highway 52. Owner: Armstead Ranch LLC, 59 acres; Hunt Brothers Properties, 52 acres; Watren Properties, Inc., 8.72 acres; Smith Family Trust, 15.25 acres. These agricultural properties are in Weld County. However all parcels are adjacent to Boulder Creek. These parcels are critical to the future open space and trail corridor along Boulder Creek. Erie has partnered with Boulder County on conservation easements over the Smoljan and Bryant properties. Both of those properties include trail easements and are located northeast of these parcels along Boulder Creek. The parcels listed here will continue the opportunity to connect with the St. Vrain Legacy Trail. The creek corridor provides important wildlife habitat and these properties offer stunning scenic views worthy of preservation. Erie is seeking assistance from Boulder County to preserve these parcels for open space values as well as the critical trail connection opportunities. Erie is also interested in collaborating with Boulder County in pursuing grant funding opportunities or conservation donations to facilitate the preservation of these parcels.

Status: Boulder County is willing to discuss these properties with Erie.

5. **Open Space Map S.** Three parcels along East side of 119th St., North of Jasper Rd. Gene Wade Revocable trust; 34.62 acres; James Norton, 30.58 acres; Marjorie Jordan, 38.33 acres. Agricultural lands on the east side of N. 119th Street and north of Jasper Road. Parcels are actively farmed. The Wise Open Space and historical museum and other Boulder County open space lie directly west of these parcels. Not annexed to the town. The *Erie Comprehensive Plan* designates the land use of the two northern parcels as Rural Residential and the southern parcel as Low Density Residential. Prime candidates for agricultural preservation as all parcels are highly productive and the site is recognized as having "Nationally Significant Agricultural Land". One of the most scenic views available in this area. May also provide critical trail linkage between the Kenosha Gravel Pit Wetland Reclamation area and the Wise Open Space and other existing Boulder County Open Space along Boulder Creek. Erie seeks Boulder County assistance with acquiring conservation easements over these properties. Erie is also interested in collaborating with Boulder County

in pursuing grant funding opportunities or conservation donations to facilitate the preservation of these parcels.

Status: Erie has asked Boulder County to invest \$400,000 in Erie's recent acquisition of the Allan Farms property. The county is willing to invest that amount of funding in exchange for a conservation easement over the property. If Erie acquires fee title to any of the other properties, Boulder County would be willing to consider partnering on funding in exchange for conservation easement interests. In the alternative, Boulder County believes the other properties would be good candidates for conservation easement donations and will consider pursuing them as opportunities become available.

6. **Open Space Map L (NEW).** Parcels of Land North of State Highway 7 (Baseline Road) and East of County Line Road. Owner: Waste Connections of Colorado, 1.39 acre lot in Erie Air Park, zoned Special Purpose. This lot is on the East boundary of land that was recently acquired by the Town of Erie for open space (the Messersmith/Boele properties). The lot also adjoins Erie's open space and trail corridor along Coal Creek which is East and South of it. The Town hopes to establish a trail head and parking lot on the Messersmith/Boele properties which have direct access on to East County Line Road. This area has been identified on Erie's Comprehensive Plan as a "Gateway" property. Acquisition of the Waste Connections lot would allow the Town to develop a more visually-appealing entrance to the Town of Erie and expand the open riparian corridor along Coal Creek.

Status: Boulder County is willing to discuss this property with Erie.

7. **Open Space Map O (NEW).** Lands on the West side of 111th Street, South of Isabelle Road (Erie Parkway). Owners: Thelma Bishopp, 78.44 Acres; agricultural land; Rockwell, Mark H. et al and Sexton, Kelli et al, 38.88 Acres, agricultural land. These parcels are north of existing Boulder County Open Space (Distel) and the Town of Erie's Schofield Farm. Boulder County also owns lands or conservation easement interests to the West along State Highway 287. Acquisition of these lands would preserve prime agricultural land and expand the scenic highway corridor along SH 287.

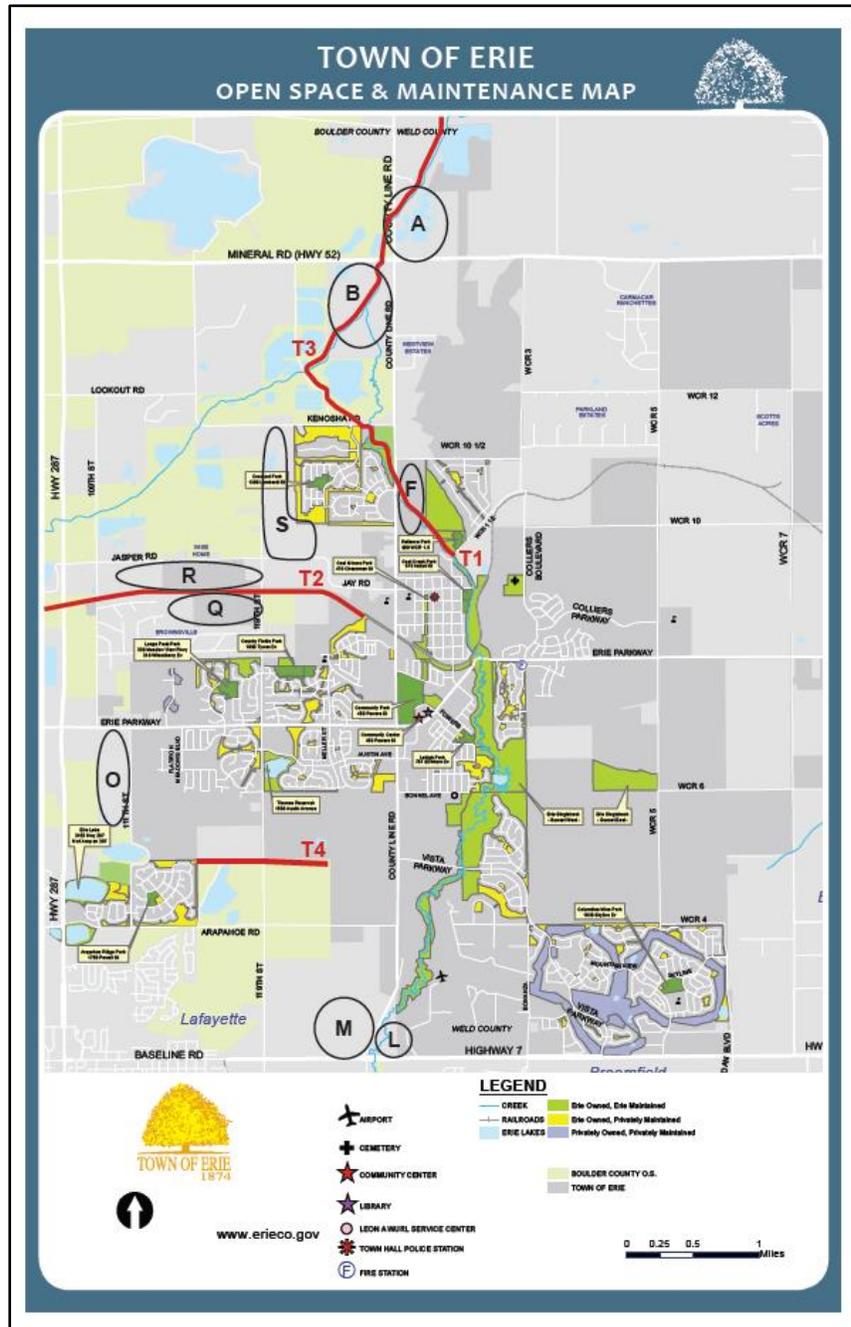
Status: Boulder County is willing to discuss opportunities for partnering with Erie to protect these properties.

8. **Open space Map R.** Multiple parcels of land along the south side of Jasper Rd. and north of Union Pacific RR tracks: Viola Carlisle, 48.54 acres; Jaso Amador III, 9.53 acres; Acres of Opportunity Ranch, LLC, 16.35 acres. Multiple properties designated Rural Residential lie north of and adjacent to the Union Pacific Railroad (UPRR) corridor. A significant undeveloped, agricultural, scenic area providing unique opportunities for the future UPRR trail. Open space values are present on these lands in addition to the critical trail opportunities. Erie is interested in participating with Boulder County to preserve these unique properties. Erie is also interested in collaborating with Boulder County in pursuing grant funding opportunities or conservation donations to facilitate the preservation of these parcels.

Status: Boulder County is willing to discuss opportunities for partnering with Erie to protect these properties.

9. **Open Space Map Q**, two parcels south of Jasper Rd and south of Union Pacific RR tracks: Michael and Sheila Jasper, 39.9 acres; Elizabeth Kissel, 5 acres. Similar to Map R above, these parcels lie to the south of the UPRR corridor. This significant scenic area provides a unique setting for the UPRR trail. Open Space values are present on these lands in addition to the critical trail opportunities. Erie is interested in participating with Boulder County to preserve these unique properties. Erie is also interested in collaborating with Boulder County in pursuing grant funding opportunities or conservation donations to facilitate the preservation of these parcels.

Status: Boulder County is willing to discuss these properties with Erie.



City of Lafayette

1. **Areas C and D, PROST Plan (Mayhoffer Farm).** Lafayette, Louisville and Boulder County continue joint pursuit of the Mayhoffer Farm, and the property would serve as an impactful buffer between Lafayette and Louisville with current development pressure. This area is of high interest for preserving agricultural use, the natural values associated with Coal Creek, and its historical features. It would provide contiguity between Lafayette's Coal Creek Corridor Open Space and the jointly-owned Adler-Fingru and Harney-Lastoka Open Space properties. An opportunity for an ADA accessible trail connection along Coal Creek is a possibility with this acquisition, along with vast opportunities for environmental education and wildlife habitat preservation in the heart of both communities. Areas C and D combined are currently Lafayette's # 1 priority Open Space acquisition. There are approximately 207 acres under family ownership.

Status: Boulder County, Lafayette, and Louisville jointly acquired this property for \$8,255,789, with the parties agreed on the potential for a future trail through the property. A route for the potential trail has not yet been defined.

2. **Area L, PROST Plan. Wetlands complex at State Highway 7 (East Baseline Road) and County Line Road.** This area of approximately 130 acres is the 2nd highest priority acquisition for Lafayette. The bulk of the area south of the highway is held under single ownership. North of the highway there are various smaller properties with some sizable tracts. Past efforts identified in this document, corroborated by the City of Lafayette, Boulder County and the Town of Erie as joint partners in protecting open space to the north of Highway 7. The Town of Erie has annexed several properties to the north of highway 7 slated for development. These new developments make protection of the properties to the south of Highway 7 crucial to preserving valuable wetlands and community buffers for the region. The wetlands run both south and north of Highway 7 for approximately one mile. The area has been designated by the EPA as a National Priority Wetland. It has also been home to nesting birds that are otherwise declining in Boulder County—the northern harrier and American bittern. In a broader context, the concept described in the PROST Master Plan is one of an interconnected circle of open space land and greenways that preserves and connects with the newly improved Flagg Park trailhead, the large wetlands complex, Old Town Pond, and Lafayette's Great Park. In the past, both the Town of Erie and Boulder County have expressed interest in partnering in the preservation of these National Priority Wetlands. Lafayette would look for Boulder County to help facilitate preservation.

Status: Boulder County is willing to consider partnering to preserve these wetlands.

3. **Area I, PROST Plan (in the southwest ¼ of Section 28, T1N, R69W).** This area has connectivity to the City of Lafayette's Bullhead Gulch riparian habitat and existing trail corridor, and is just south of the City/County jointly owned Echternacht Property. The City would like to continue the riparian habitat restoration through Bullhead Gulch and additionally utilize the property to connect our trail system into Echternacht, providing future opportunities for possible connections to the Counties planned Union Pacific Rail Trail to the North. Feedback from the County is requested to ensure this is the preferred route for connecting to the Union Pacific Rail Trail.

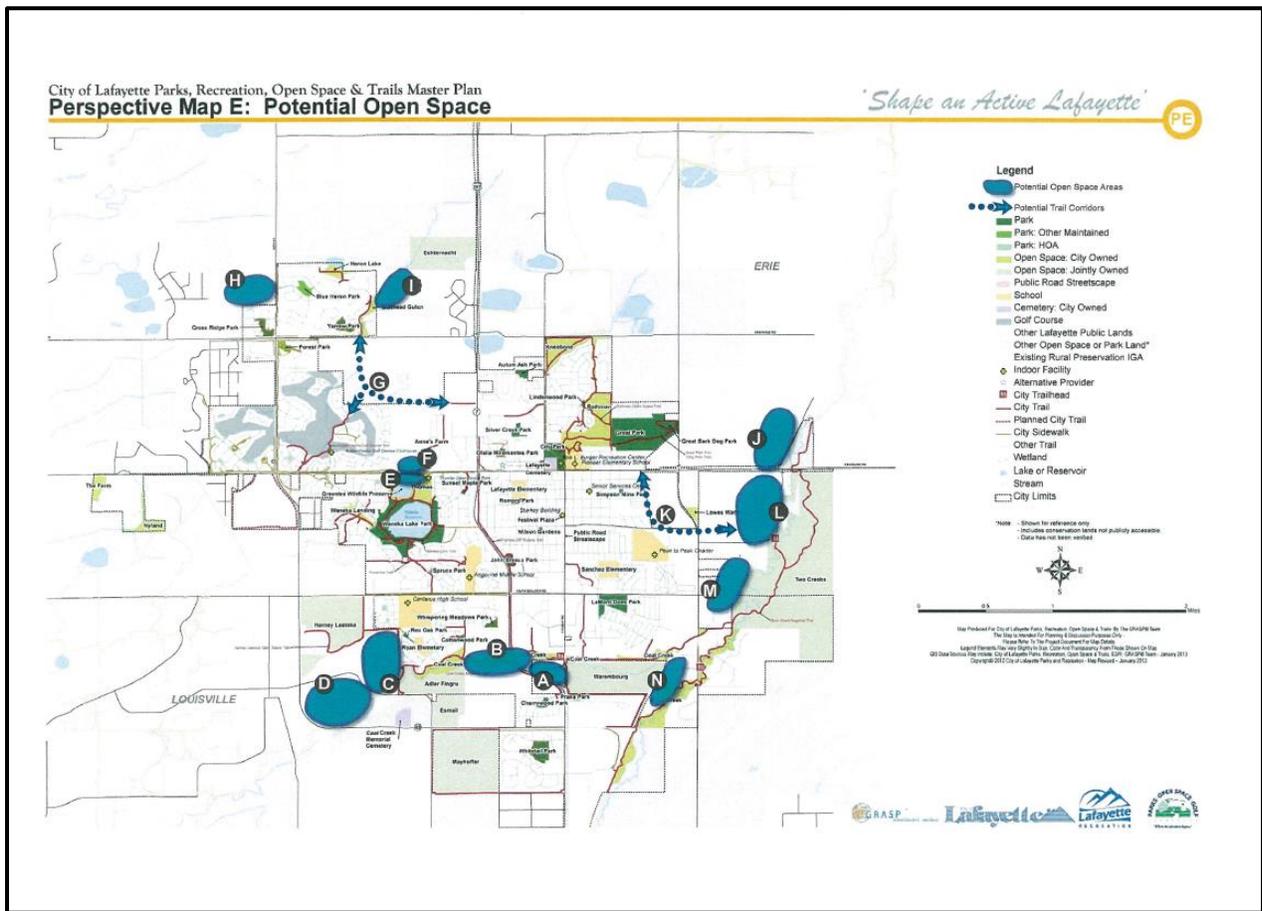
Status: Boulder County is willing to discuss this request with Lafayette.

4. **Area H, PROST Plan (SW ¼ of Section 29, T1N, R69W).** This is approximately 80 acres of unincorporated agricultural land. It is adjacent to existing City of Boulder Teller Lake Open Space property. The PROST plan identified it as having agricultural values and trail corridor potential, providing an opportunity for the City of Lafayette to collaborate jointly with the City of Boulder during the East Trail Study Area planning process. Recent discussions with the City of Boulder indicate the East Trail Study will be delayed, and Lafayette staff will instead meet with OSMP to discuss trail connection potential. To summarize, this area is of interest for preserving agricultural use with potential for providing a West/East trail link between the City of Boulder and the City of Lafayette, a highly desired resource from the PROST plan public outreach surveys.

Status: Boulder County is willing to discuss this request with Lafayette.

5. **Area N, PROST Plan (East of Warembourg Farm and West of Rock Creek Open Space).** This area is a high valued wildlife habitat corridor between Coal Creek and Rock Creek Open Space. Connectivity potential exists to link two regional trails through this property, while preserving additional buffer to already protected agricultural and wildlife habitat. Current land use practices provide a high level of habitat restoration potential.

Status: Boulder County is willing to discuss this request with Lafayette.



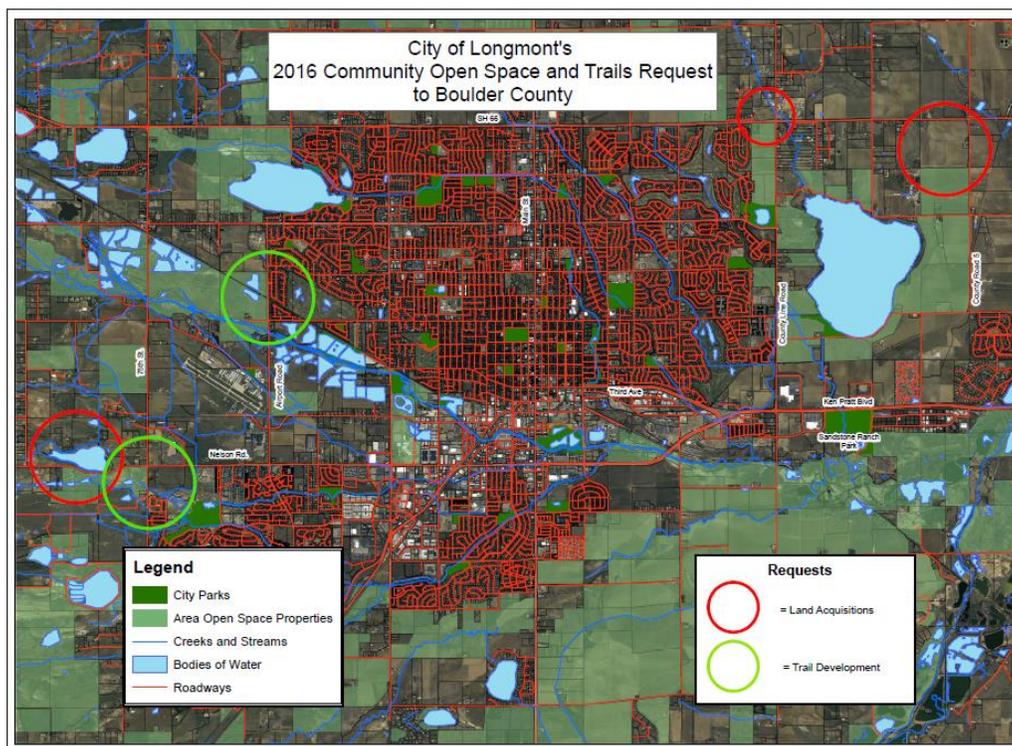
City of Longmont (one new request). The City would be willing to actively participate in all three of these acquisitions with the County.

- 1. Two Parcels north and east of Union Reservoir (NEW).** The City of Longmont would request Boulder County's assistance in acquiring two parcels north and east of Union Reservoir. These two parcels include the Dorothy Olander Family Trust property as well as the Elizabeth C Harper Loving Trust property. The City has an interest in these properties for the purpose to enhance the City's community buffer on the east side of the City of Longmont, as well as the preservation of agriculturally significant lands in this area. These sites would secure a community buffer from encroaching communities in Southwest Weld County as well as preserving 175 acres of prime agricultural land.

Status: In June 2018, just prior to the date of this 2017 status report, Boulder County and Longmont jointly acquired a conservation easement over the Harper property for \$720,000. Boulder County and the City of Longmont are discussing a potential partner acquisition effort for the Olander property.

- 2. Land owned by McLachlan** (formerly known as Edeltraud Johnson). 119.87 acres located to the west and north of Clover Basin Reservoir. The City of Longmont owns a majority share of the Clover Basin Reservoir and would plan to provide passive recreation opportunities on these parcels if acquired. It would be the City's intention to partner with Boulder County to provide trail connections between the County's AHI and the Lagerman property, as well as connections to the City's Dry Creek Community Park and the future neighborhood park located east of North 75th Street. Public access to the Reservoir would include fishing, carry-on boating opportunities as well as a regional trial experience.

Status: Ms. Johnson sold the property in 2017, so it is now owned by Brittany and Courtney McLachlan. Boulder County is willing to consider partnering to protect this property.



City of Louisville

1. **Mayhoffer Property.** The Mayhoffer Property is approximately 200 acres in size and is designated as ‘Rural Preservation’ in the Super IGA and agricultural ‘Lands of National Importance’ in the Boulder County Comprehensive Plan. The Louisville Open Space Advisory Board has ranked this property as Louisville’s number one open space priority. Benefits of acquiring this property include: protection of the Coal Creek riparian corridor, buffering between Louisville and Lafayette and preservation of agricultural use. This acquisition is also a priority for Lafayette (Area C and D).

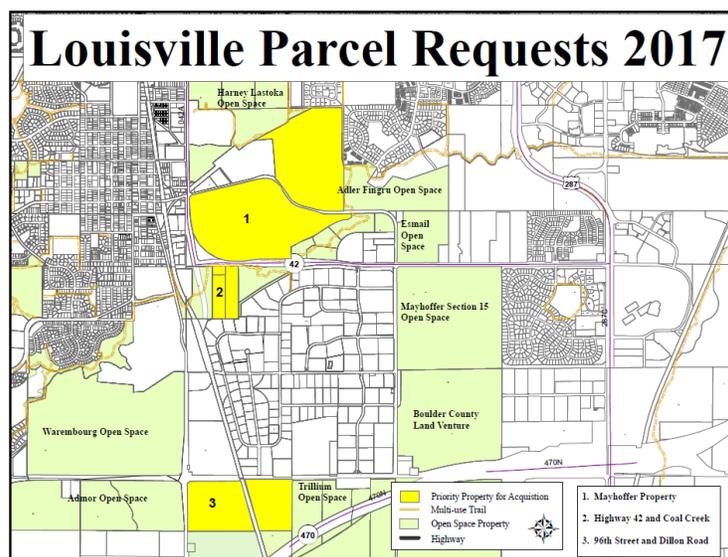
Status: Boulder County, Lafayette, and Louisville jointly acquired this property for \$8,255,789, with the parties agreed on the potential for a future trail through the property. A route for the potential trail has not yet been defined.

2. **Highway 42 and Coal Creek.** This area is approximately 18 acres in size and is located south of Highway 42 between two existing Louisville Open Space properties. The property is also adjacent to the regional Coal Creek trail, is within the Coal Creek riparian corridor and was designated as a ‘Significant Riparian Corridor’ in the Boulder County Comprehensive Plan. Benefits of acquiring this property include: protection of the Coal Creek riparian corridor and creation of a larger contiguous 47 acre open space property.

Status: This area is located within Louisville’s influence area in the Super IGA. If Louisville is able to negotiate purchase of properties in this area, Boulder County is willing to consider partnering in the purchase if funding is available.

3. **96th St. and Dillon Road.** This area is approximately 76 acres in size and is located south of Dillon Road between the jointly owned Admor and Trillium Open Space properties. This parcel was designated as agricultural “Lands of National Importance” in the Boulder County Comprehensive Plan. Additionally, this is the last parcel needed to complete the buffer zone between Louisville and Broomfield.

Status: Boulder County will consider pursuing the purchase of this property in partnership with Louisville if the opportunity becomes feasible. The landowner has listed just the eastern 30 acres, but the county and city agree that the price is too high to consider making an offer at this time.



Town of Lyons (Two new requests)

1. **Martin Property (NEW)**. This property at 109 County Road 69 in Lyons was a flood buyout that Boulder County now owns. Boulder County has offered to transfer the property to the Town of Lyons, which has indicated it would like to own the property.

Status: Boulder County is preparing to make the transfer happen.

2. **Apple Valley Flood Buyout Properties (NEW)**. Ten other flood buyout properties in the Apple Valley area are being considered for transfer to the Town of Lyons. Lyons is considering whether or not it wants to own those properties as town open space.

Status: Boulder County is willing to transfer those properties for town open space if Lyons decides it wants them.

Town of Superior

1. **Level 3 Property**

Location: This property lies at the southernmost edge of Superior, north of Hwy. 128. It lies between McCaslin Boulevard on the west and Eldorado Boulevard on the east. Its northern edge borders on the south edge of the town's subdivisions. It encompasses approximately 195 acres.

Description: This property is an expanse of steep, gullied mixed grass prairie receiving little human use. A narrow drainage, containing a small cattail wetland (approximately 0.03 acres) trends through the eastern portion of the property. A primitive trail runs from the town's trails in to the southeast portion of the parcel.

OSAC Observations: Observations showed this parcel to have a fair buffering potential and good air and noise quality. From this parcel there are excellent views including downtown Denver, Longs Peak, the Continental Divide and the Front Range. This ridgeline is visible throughout Superior. Nighttime light pollution is better than many other parcels. This parcel has no known historic value. It is a very large tract with a medium level of threat to existing resources. It contains no surface water but it does have a small wetland area. There are only a few mature trees and the majority of the parcel is mixed prairie grass and mostly pristine. It has a diverse wildlife habitat and it is very likely used by wildlife as a migration corridor. It has the potential to be a high regional draw and would be ideal for passive use for its ridgeline views.

Smith Wildlife Survey: The survey found the property to be 96% mixed grass prairie with some small weedy/disturbed areas and a cattail marsh. Smith Environmental performed the survey of this property on December 15th, 2003 and did not observe wildlife of any kind. However, that day was reported to be very cold with wind gusts on the ridge of 30 miles per hour. The survey noted that several species would normally inhabit this parcel, including prairie dogs, cottontail rabbits, and coyotes.

Status: . Boulder County is willing to consider participating in the purchase of this property, depending on price and terms, if funding is available.

2. Zaharias Property

Location: The Zaharias property borders 88th St. to the west, and is located between U.S. 36 and the Saddlebrooke Townhomes. It encompasses approximately 28 acres in the northeast portion of town.

Description: This property is a weedy vacant lot receiving little human use. A large drainage, dominated by a cattail wetland crosses the northern portion of the property. Prairie dog activity has been prominent on the upland portion of this site.

OSAC Observations: Observations showed this parcel to have a fair buffering potential, fair views, poor air and noise quality, and considerable nighttime light pollution. It is not likely to have compatibility with adjacent land uses and has no known historic value. It is a medium sized tract. There are few mature trees and a cattail marsh, but no real surface water. However, the majority of the parcel is weedy and not particularly pristine. It has a diverse wildlife habitat and has an active avian and migratory population, as it is adjacent to the Hodgson-Harris Reservoir. This could be used by wildlife as a migration corridor and could have a fairly high regional draw for passive use.

Smith Wildlife Survey: The survey describes this parcel as 94% weedy/disturbed and about 5% cattail marsh. Several types of small birds were observed primarily near the cattail marsh. Also noted were prairie dogs and cottontail rabbits.

Status: This property is located within the Town of Superior. Since it has been annexed and is within Superior's influence area, Boulder County has no acquisition plans in this area; however, if Superior is able to negotiate to purchase a portion of this property, Boulder County would consider partnering with the Town if funding is available.

3. Bolejack Property

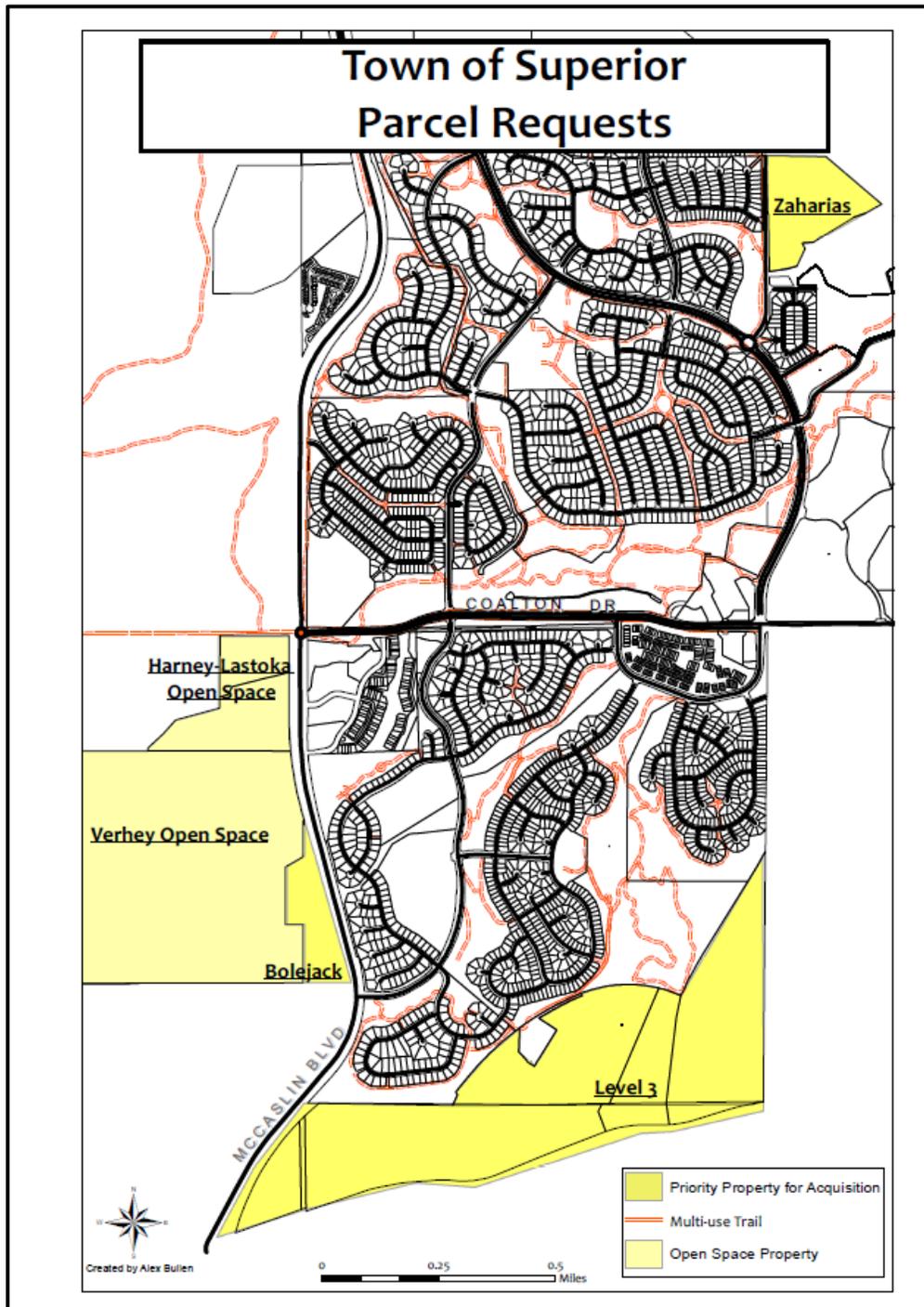
Location: The Bolejack Property lies west of McCaslin Blvd. and southeast of the Verhey property. It encompasses approximately 25.5 acres in the southwestern portion of town.

Description: The primary uses of this property include private residential, horse pasture, and an industrial equipment repair business.

OSAC Observations: Observations showed this parcel to have a fair buffering potential, good views, and somewhat poor air and noise quality due to its proximity to McCaslin. Nighttime light pollution is moderate. This parcel has no known historic value. It is a medium sized tract with no mature trees. The parcel is primarily grass prairie so it is fairly pristine and a somewhat diverse wildlife habitat. It may be being used by wildlife as a migration corridor but probably would not have a very high regional draw.

Smith Wildlife Survey: found the property to be 83% grass prairie with the remainder being buildings, weedy/disturbed ground, and a pond. Many species of small birds were observed along with cottontail rabbits.

Status: Boulder County is willing to consider participating to purchase this property, depending on price and terms, if funding is available.



2017 Community Trail Requests Summary and Status Report

Each year Boulder County invites the incorporated communities of Boulder County to submit requests for open space and trail projects, per the County’s open space tax resolution approved by voters in 1993 (Resolution 93-174). This report provides an update and status on 2017 trail requests, as well as for requests received in previous years. Note: no requests were submitted by Jamestown or Ward.

City of Boulder (one new request)Page 3

1. Heil Valley Ranch Connector
2. Extension of Boulder Creek Path to Chapman Drive
3. LoBo and IBM Connections
4. Four Mile Creek Bike/Ped Underpass
5. Walker Ranch Trail connection
6. Rocky Mountain Greenway (NEW)

Town of EriePage 6

1. Coal Creek Trail--Reliance Park NW to Kenosha and Boulder Creek
2. Union Pacific Rail Trail—Creekside Subdivision w to SH 287
3. Boulder Creek Trail to St. Vrain Legacy Trail and CO Front Range Trail
4. Arapahoe Ridge to Compass (NEW)

City of LafayettePage 8

1. Trail connection K - PROST Plan (S of HWY 7, West of Area L) (NEW)
2. Trail link across Coal Creek connecting BNSF Rail Trail to the Coal Creek/Rock Creek Trail system (NEW)
3. 104th St. Trail Connection
4. Northern Regional West Trail connection to Teller Farm

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1. Overlook underpass Trail connecting Davidson Mesa to the Mayhoffer-Singletree Trail
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1. Lyons St. Vrain Corridor Trail Extension to Route 36
2. Lyons to Boulder Trail
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1. County Road 130 Connector Trail to Nederland High School
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1. US 36 underpass at Davidson Mesa Trail Connection
2. Shan-Shan Chu to Meadowlark Trail
3. Coalton Trail Standards
4. Link Mayhoffer Singletree and Coal Creek Regional Trail
5. Coalton Trail South to HW 128 and west to 66th St.
6. Add access to the Meadowlark Trail off McCaslin Blvd. near High Plains Dr.

Background

Boulder County Parks & Open Space (BCPOS) and Boulder County Transportation (Transportation) share responsibility for planning, designing, constructing, and maintaining Boulder County's trail system. Each department has its own source of dedicated funding along with corresponding focus, and in some cases restrictions, on how those funds can be spent.

The Parks & Open Space Department focuses on the development of recreational and educational trails on open space properties. Funding is through a portion of the Parks & Open Space sales tax and the use is restricted to eligibility within that fund. Project priorities come through the Parks & Open Space Capital Improvement Plan (Attachments D and E) adopted annually by the Boulder County Board of Commissioners, and are usually identified in one or more of the open space management plans developed by the department.

The Transportation Department has a dedicated funding stream to implement the Regional Trails Plan, a multi-year effort to plan, design and construct a series of soft-surface multi-use trails that connect communities within Boulder County. Transportation focuses its trail planning and development on regional trails that are multi-use, provide a county-wide benefit, and serve as both transportation and recreation

corridors. The Regional Trails Plan focuses on regional trails priorities developed through a public process and adopted by the Board of County Commissioners in 2003. The regional trails plan links together existing and planned trails within the cities and towns, existing and planned County POS trails (as described above), and a series of connector trails on county-owned easements and rights-of-way to link the previously disconnect trail systems.

Both the POS and Transportation leverage a significant amount of additional trail funding through partnerships with towns, cities, and private non-profit trail programs; state and federal grants; and intergovernmental agreements with larger trail planning efforts such as the Rocky Mountain Greenway and the Front Range Trail program.

Obtaining County Support and Funding

Boulder County is most likely to partner on trails that connect to county open space trails, or are part of identified regional trail priorities, and have been vetted through a planning process that includes input from members of the public and other interested parties. Boulder County welcomes the opportunity to further discuss these requests with your staff and advisory boards.

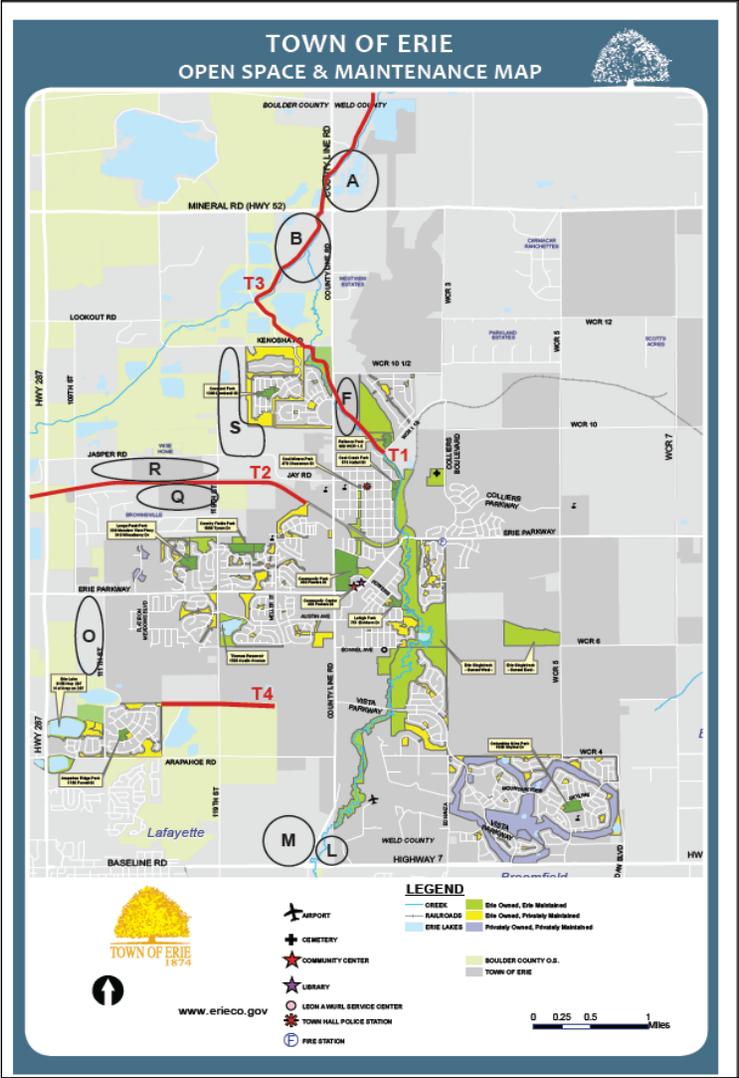
City of Boulder OSMP 2017 Requests		Lead	Status
1	<p>Heil Ranch Connector Trail. This is a critical and highly desired multi-use trail connection. A multi-use trail that will connect City of Boulder Open Space and Mountain Parks’ trail system to Boulder County Parks & Open Space Heil Ranch trail system will necessitate acquiring the rights to cross private property and/or use public roads. It is possible that this connector trail would be consistent with a future alignment of the Rocky Mountain Greenway, a trail that will connect Rocky Mountain Arsenal National Wildlife Refuge, with the refuges at Two Ponds, Rocky Flats and Rocky Mountain National park.</p> <p><u>4-28-17 Status from OSMP:</u> The Joder Ranch Trail has been constructed between US36 and Olde Stage Road on the OSMP Joder Property. A trailhead with parking for bikes, cars, horse trailers and buses was constructed near US36 at the Joder property entrance. The North Trail Study Area Plan adopted in June 2016 by City Council supported collaboration with the county on this connection and approved the addition of a new trailhead to enhance access to Joder Ranch. The plan also approved a new trail connection from Foothills Trail to Joder Ranch Trail on the west side of HWY 36. Approval of the new trail was conditioned on it not being a part of the Rocky Mountain Greenway. Site planning for the new trailhead and trail is underway. Boulder County’s consultation and participation for jointly owned properties involved in the North Trail Study Area Plan was critical to the successful completion of the plan.</p>	POS	<p>The Heil Valley Ranch 2 Small Area Plan was completed and adopted by the BOCC in spring of 2016. This plan provides a trail connection from Lefthand Canyon Drive to the main trailhead at Heil Valley Ranch. Construction has started on this connection. A ditch crossing and bridge will be needed and we anticipate a late 2018 or early 2019 completion. BCPOS will continue to work with the City of Boulder on furthering a connection from Joder Ranch to Heil Valley Ranch as the NTSA and BVCP envision.</p> <p>Boulder County does not envision this trail link to be part of the Rocky Mountain Greenway at this point in time based on evolving standards and purposes of the greenway.</p>
2	<p>Extension of Boulder Creek Path to Chapman Drive. This is another critical and highly desired multi-use trail connection. OSMP opened a multi-use trail using Chapman Drive. Chapman Drive connects Boulder Canyon with Flagstaff Drive. The extension of the Boulder Creek Path to the Chapman Trailhead completes a trail link from Boulder to Flagstaff and could also provide future connections to Boulder County Parks & Open Space Betasso Preserve trail system.</p> <p><u>4-28-17 Status from OSMP:</u> A new engineer’s estimate showed that the 2011 feasibility study didn’t account for the drastic increase in commodities since the 2013 flood. After reviewing the options, Boulder County Transportation (the lead organization) proposed several value engineered solutions including eliminating the underpass at Fourmile, as well as applying for a GOCO grant. The grant was submitted for preliminary review in early April.</p>	TR	<p>Boulder County Transportation and the Colorado Division of Transportation are working in partnership with the City of Boulder OSMP to extend the Boulder Canyon Trail west to Chapman Drive, and further west to the Betasso connector.</p> <p>http://www.bouldercounty.org/roads/construction/pages/bouldercreekpathextensionproject.aspx</p>

3	<p>Longmont to Boulder (LoBo) and IBM Connections. Boulder County has been working with the City of Boulder, CDOT, and the BNSF railroad to complete an approved design for the trail connection. Construction is anticipated in 2015 pending construction of a new railroad bridge by the BNSF</p> <p><u>4-28-17 Status from OSMP:</u> The City portion of the IBM Connector constructing bridges has been completed. The County’s is completing the connection from the new trail to the west of Hwy 119 (from Coot Lake) to the new trail alignment to the east of Hwy 119 and the railroad. It is anticipated that this portion of the project will be completed by summer. This project has been a great partnership. Thank you!</p>	TR	<p>2018 Update: The Longmont-to-Boulder Trail is a proposed 12-mile trail connecting the city of Boulder trail system with the city of Longmont trails. Much of the trail as originally proposed has been completed. Three of the more prominent segments yet to be completed are the planned pedestrian underpass at Four Mile Creek Trail, the IBM Connector Trail between Gunbarrel and the City of Boulder Reservoir Trail system and the Twin Lakes Trail Connection within Gunbarrel. The Twin Lakes Trail Connection is expected to begin construction in Fall 2018 and be completed in 2019. Boulder County continues to work with the City of Boulder and the BNSF Railway to construct the approved underpass for the Four Mile Creek Trail.</p> <p>http://www.bouldercounty.org/roads/plans/pages/loboibmconnector.aspx</p>
4	<p>Four Mile Creek Bike/Pedestrian Underpass. Critical multi-use trail connection. Underpass connects the City of Boulder Greenways hard surface Four Mile Creek Trail to the City of Boulder OSMP soft surface Cottonwood Trail. The trail connection is 800 feet long and crosses under two Diagonal Highway underpasses and a railroad crossing. Trail connection requires crossing land that is privately owned and owned by the City of Boulder, Colorado Department of Transportation and Burlington Northern and Santa Fe Railroad. The connection is on the Boulder Valley Comprehensive Plan and Boulder County Comprehensive Plan Trails maps. Trail connection is ranked as a “Second Priority Project” by the Boulder County Regional Trail Committee and is a connector into the LOBO trail between Longmont and Boulder, which is ranked as a “First Priority Project” by the Boulder County Regional Trail Committee.</p>	TR	<p>2018 Update: Phase I, the Four Mile Canyon Creek Bikeway Connection to northbound Diagonal Highway, was completed in May 2010. Boulder County continues to work with the City of Boulder and the BNSF Railway Company to complete an approved design and crossing agreements for the Four Mile Creek Trail underpass. Timing is unknown, but discussions are ongoing.</p> <p>http://www.bouldercounty.org/roads/plans/pages/fourmilecrkbikeway.aspx</p>

5	<p>Walker Ranch Trail connection. Critical multi-use trail connection. The Eldorado Canyon Trail connects Eldorado Canyon State Park, OSMP lands and the Boulder County’s Walker Ranch Loop Trail, but does not allow bikes because of steep grades and current trail design. Trail studies are being conducted to assess the feasibility and cost of realigning and improving the trail to allow bikes. This multi-use connection is in the Boulder County and Boulder Valley Comprehensive Plans</p>	POS	<p>2018 Update: Working with the City of Boulder and Colorado Parks and Wildlife, Boulder County is studying potential alternative trail alignments to determine if there is a feasible solution for minimizing impacts to sensitive natural resources and providing for multiple uses (hike/bike/equestrian) while remaining consistent with the management objectives of the State Park. Boulder County, the City of Boulder, and Colorado Parks and Wildlife hired ERO Resources Corp. to conduct a multi-use trail study for Eldorado Canyon State Park to Walker Ranch. The trail feasibility study should conclude later this year (2018). This project is one of the critical trail segments of the Colorado the Beautiful initiative.</p>
6	<p>Rocky Mountain Greenway (NEW) The Rocky Mountain Greenway supports the federal government’s America’s Great Outdoor initiative and the Colorado the Beautiful initiative and its “16 in 2016” plan. These initiatives aim to build and enhance partnerships to connect communities, recreational resources and federal wildlife refuges. The Rocky Mountain Greenway vision is a trail that will connect Rocky Mountain Arsenal National Wildlife Refuge, with the refuges at Two Ponds, Rocky Flats and Rocky Mountain National Park.</p> <p><u>Status:</u> OSMP and the County are collaborating with other local, state and federal partners on the Rocky Mountain Greenway project evaluating the feasibility of trail connections from Rocky Flats to Boulder and north to Lyons. The Rocky Mountain Greenway assessment of connections through Rocky Flats National Wildlife Refuge to the OSMP and County trails north of Hwy 128 resulted in the project being accepted as a Federal Land Access Program project which includes funding and construction support for a trail and underpass at Hwy 128. We appreciate the ongoing support and partnership with Boulder County on evaluations and connections associated with the Rocky Mountain Greenway.</p>	POS	<p>Boulder County Parks & Open Space is working to coordinate and utilize funding from CPW/GOCO for use in the designation and implementation of the RMG corridor from SH 128 (south Boulder County line) north to Boulder and through the town. Boulder County agrees with the OSMP status assessment and will continue to work with OSMP on this greenway initiative.</p>

Town of Erie 2017 Requests		Lead	Status
1	Map T1 - Coal Creek Trail - Reliance Park northwest to Kenosha Wetland Reclamation Area & Boulder Creek. Erie's section of the Coal Creek Trail is completed from Vista Point north to Reliance Park. This request continues the existing Coal Creek Trail from Reliance Park (WCR 1-1/2) north to the confluence with Boulder Creek. This is a critical connection for Erie and all of the trail users of the Coal Creek and Boulder Creek Trails. This trail corridor has been designated a Spine Trail by the Board of Trustees, indicating that it provides significant connections to activity centers in Erie as well as other regional trails. Erie seeks assistance from Boulder County for completion of this critical trail segment. Erie is also interested in collaborating with Boulder County in pursuing grant opportunities to facilitate completion of the trail. (See also open space lands for this corridor in the open space requests listed above - Map F.)	POS	<p>The Wheeler Ranch was acquired in 2017. This acquisition will facilitate the ability to create this regional trail.</p> <p>Boulder County Transportation is in the process of fixing flood damage to the ECL bridge over Boulder Creek. The department has no plans at this time to replace that bridge structure and has limited funds to do so anytime in the foreseeable future.</p> <p>Trail connections in this area of Boulder Creek, along with any environmental concerns, will be addressed in the Kenosha/Wheeler Ranch Management Plan, which is likely to be five years out due to flood recovery, on-going reclamation, and water issues on site. BCPOS looks forward to a collaborative process with Erie to determine what might be feasible to partner and construct in this area with our emphasis focused on what is located in Boulder County.</p>
2	Map T2 - Union Pacific Rail Trail - Creekside Subdivision West to US Highway 287. Erie seeks to participate in the planning and construction efforts for the UPRR trail in relation to the segment between our Creekside Subdivision and US Highway 287. Some of the lands adjacent to this trail corridor, both north and south, are prioritized above in our open space requests. This future trail alignment provides unique opportunities for an east-west regional trail to connect with communities to the west of Erie and serves to complement the significant north/south Coal Creek Trail through Erie.	TR	<p>The RTD Rail Regional Trail (formerly Union Pacific Rail Regional Trail) will run from the eastern boundary of the City of Boulder traversing nine miles to Erie using the Union Pacific Rail line when possible. The RTD Rail Regional Trail is one of eight planned trails eligible for funding under the 2007 Countywide Sales Tax Ballot Issue. Boulder County has been in discussions with the owner of the UP corridor to discuss its potential future as a trail connection. In early 2018, the County began a master planning process to identify needs, opportunities and constraints of constructing a regional trail in that area.</p> <p>http://www.bouldercounty.org/roads/plans/pages/unionpacifctrail.aspx</p>
3	Map T3 - Boulder Creek Trail to St. Vrain Legacy Trail and Colorado Front Range Trail - Kenosha northwest to WCR 16-1/2 (to Frederick, Longmont and beyond). Erie seeks to participate in the planning and construction efforts for the Boulder Creek Trail segment from Kenosha, continuing northwest to connect with the St. Vrain Legacy Trail and Colorado Front Range Trail. This is the next logical segment to be completed after T1 listed above as it continues from the confluence of Coal Creek and Boulder Creek.	Erie/ POS	See response to Erie Request #1.

4	<p>Map T4 – Arapahoe Ridge to Compass (across County open space parcels). Erie residents continually request for safe routes to access amenities. This trail addition would allow for East/West connectivity along a major thoroughfare, likely Arapahoe Road. Access in this parcel would allow for residents to access the Coal Creek Trail (to the East) as well as Boulder County Open Spaces (to the west). This connection has continually been requested by residents for many years.</p>	<p>Erie There is no trail plan in this area. Boulder County is willing to participate in a planning process to define feasibility for trail options in this area.</p>
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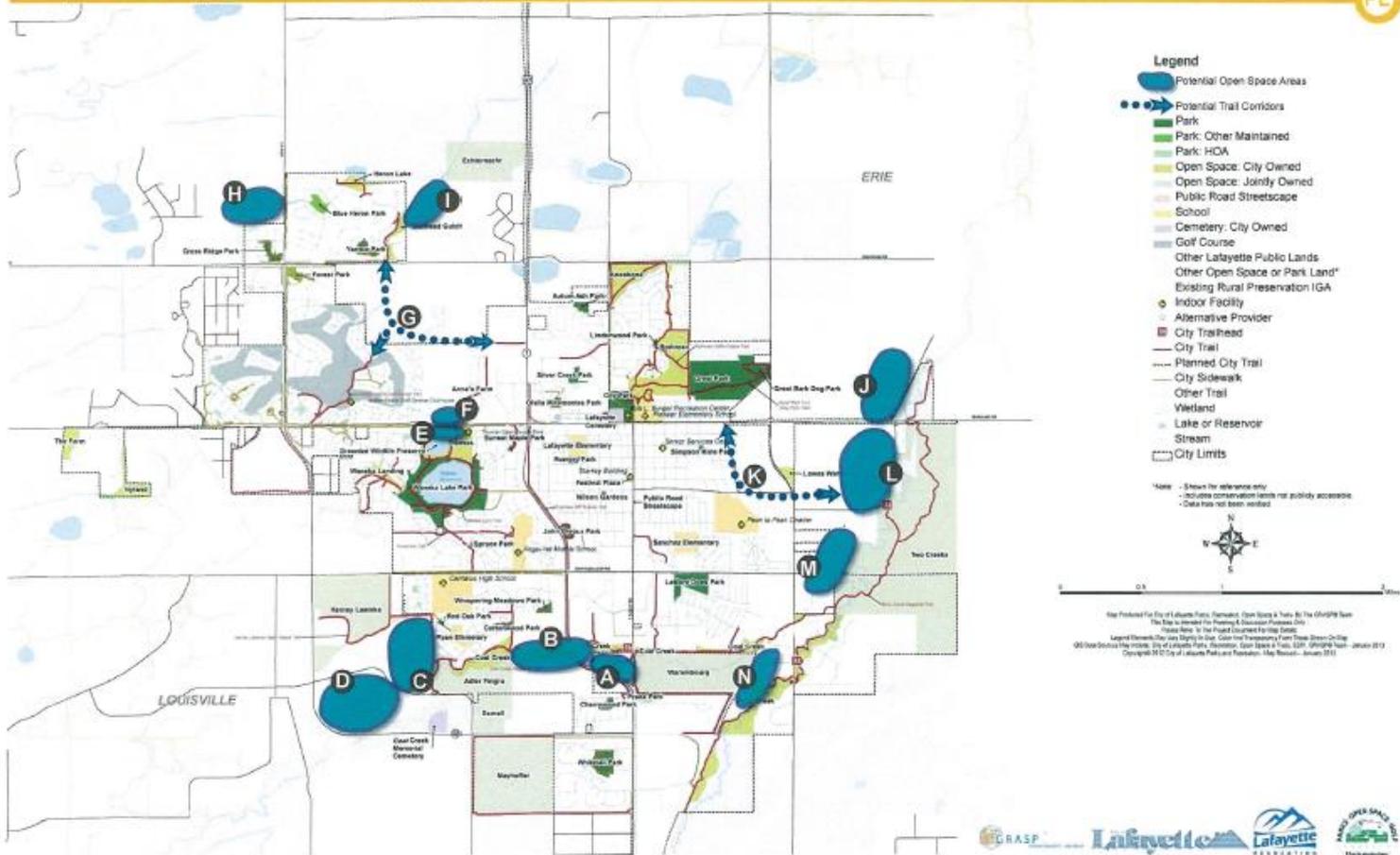


City of Lafayette Parks, Open Space & Golf 2017 Requests		Lead	Status
1	<p>Trail connection K - PROST Plan (South of HWY 7 and West of Area L) (NEW)</p> <p>Excellent trail potential exists by connecting the newly opened BNSF Rail Trail in Old Town Lafayette to Flagg Park Trailhead at Rock Creek Open Space. This is an area of town currently underserved, and this connection would be the first link to Lafayette’s newest trail. The land between area K and area L from PROST, provides an additional opportunity that would help preserve Lafayette and East Boulder Counties Agricultural Heritage through protection of a Centennial Farm. Additionally Old Town Pond and other valuable riparian habitat would be preserved. The land between K and L is not currently identified in the PROST plan. Updates to PROST are planned for 2018, and this new area will be analyzed for possible inclusion in PROST once vetted through public process. Lafayette would be interested in partnering with Boulder County to help preserve this Open Space jewel anchoring the east side of town.</p>	Laf	Boulder County is willing to work with Lafayette on plans for this area once the priorities are clarified for this area through the PROST update.
2	<p>Trail link across Coal Creek connecting the newly constructed BNSF Rail Trail to the Coal Creek/Rock Creek Trail system. (NEW)</p> <p>Lafayette has completed a new section of Trail along the old BNSF Rail line, the first of its kind connecting Old Town Lafayette. This new trail runs North/South along the eastern edge of Old Town Lafayette, currently dead ending at Baseline Rd. to the North, and 120th St. to the south, with a future CDOT crossing over Baseline coming soon. Heading south, working together with Boulder County and property owners along the creek, Lafayette is interested in connecting over Coal Creek providing trail patrons in Old Town the opportunities to recreate on the Coal Creek/Rock Creek Trail.</p>	Laf	Boulder County would like further clarification of this request in order to understand if this would require an update to the Two Creeks Master Plan.

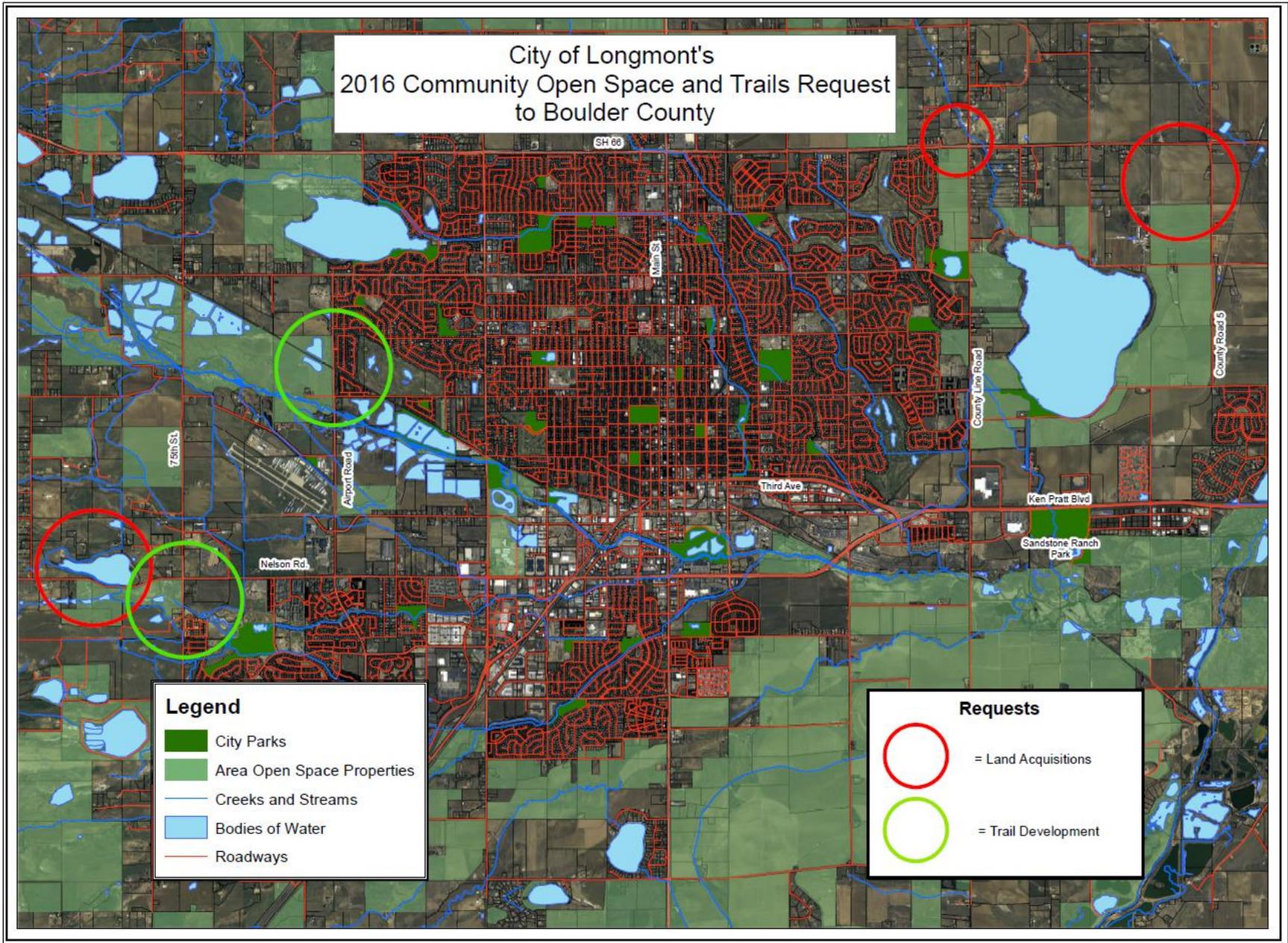
3	<p>104th Street Trail Connection – Trail on the western boundary of Esmail, Mayhoffer 15, and Boulder County Land Ventures Open Spaces and the southwestern boundary of Fingru Open Space down to Rock Creek Farm along 104th Street.</p> <p>As an approximately two-mile trail this would connect southwest Lafayette to the regional Coal Creek and Rock Creek Farm. This segment forms a nice connection from the Coal Creek Trail to the Carolyn Holmberg Preserve at Rock Creek Farm. This addition would allow visitors (from both Louisville and Lafayette) to remain on a trail from the popular Coal Creek area in order to reach the Stearns Lake trailhead. This segment would be part of a loop trail experience in the future once the Rock Creek Trail links to Rock Creek Farm and the Coal Creek Trail meets up with the Rock Creek Trail on the north. Lafayette has constructed connections to 104th Street with two one-mile trails that extend to the east on the north and south boundaries of Mayhoffer 15. This trail will offer additional connections and routes now that these connectors are completed. This is Lafayette’s #1 trail priority in 2015 and we are interested in collaborating with our partners on a timeframe and agreement that can work well for all parties and reach the common goal of connectivity.</p>	L’ville/ Laf/ POS	<p>The crossings of SH42 and Dillon Road remain the primary drivers for moving forward with planning and construction. Louisville has submitted signalization plans for both intersections as part of a traffic improvement plan submitted by the Colorado Tech Center Metro District. The county and cities have been involved in reviewing the plans to ensure they accommodate pedestrian crossings. With the intersections now being addressed, the county is willing to participate in a joint-planning effort to determine a trail alignment through jointly-owned open space consistent with the guidance in the JALLOPY plan.</p>
4	<p>Northern Regional West Trail Connection to Teller Farm. Lafayette has interest in a trail connecting Teller Farm on City of Boulder Open Space with Lafayette’s Trail system north of Arapahoe Road, with future connections south into the heart of Lafayette. This request is large in scope and will take a number of years to realize. It will also involve a number of agencies and jurisdictions. However, it is an important trail that will link the northern portion of the Lafayette’s trail system (and corresponding neighborhoods) to established trail systems to the west at Teller Farm. This East/West community trail link was an area of high community interest during the PROST Master Plan public process. The portion between 95th Street and US 287 would need to be primarily on County and jointly-owned County-City open space.</p>	L’ville/ Laf/ POS/ TR	<p>The County is willing to consider its role in this trail project once the trail has been established through a formal planning process. Because this trail connection depends upon the use of City of Boulder Open Space, the county recommends Lafayette check with City of Boulder OSMP to find out about their East Trail Study Area planning process. When the East TSA process begins, the county expects to be involved with Lafayette and Louisville to explore the feasibility of this trail request. One key component will be determining safe pedestrian crossings of 95th Street.</p>

City of Lafayette Parks, Recreation, Open Space & Trails Master Plan
Perspective Map E: Potential Open Space

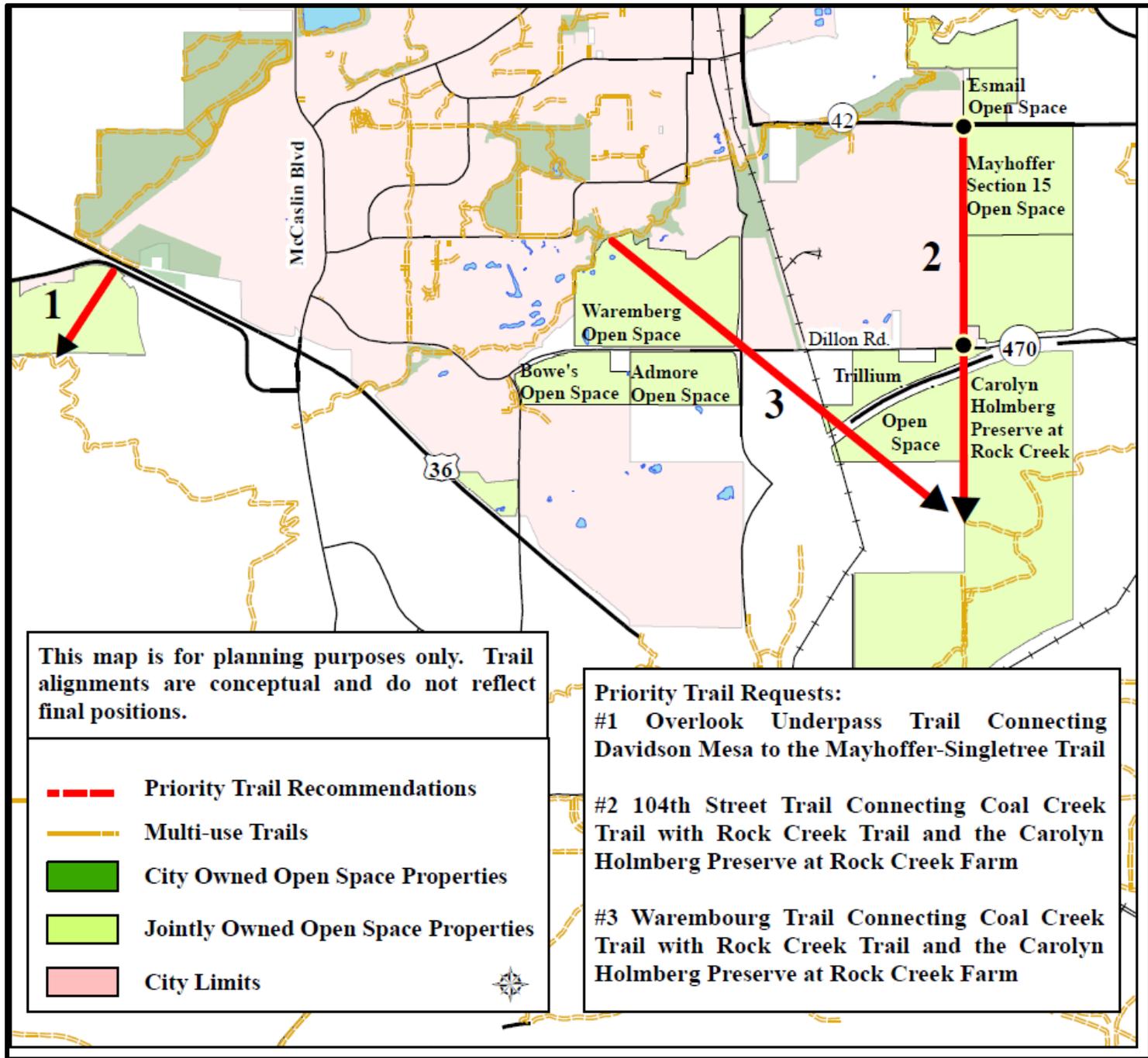
'Shape an Active Lafayette'



City of Longmont 2017 Requests	Lead	Status
<p>1 Dry Creek Greenway to Lagerman Reservoir/AHI. The City is requesting the trail development between the City of Longmont’s Dry Creek Greenway and the County’s Lagerman Reservoir/Imel/ AHI property. The County’s adopted Master Plan of the AHI property reflects a community trail connecting the Dry Creek Greenway with Lagerman Reservoir and a proposed AHI Loop Trail which borders Swede Lakes. The City believes that a box culvert along Dry Creek, under North 75th Street, would accomplish this regional trail connection that would prove to be an asset to the citizens of Longmont as well as those citizens of eastern unincorporated Boulder County. The City is requesting that Boulder County Parks & Open Space incorporate this box culvert in their 2017-2022 CIP program. If the City and County were to acquire the Johnson property, the City would be willing to take on the responsibility of the box culvert under N. 75th street and would ask the County to be responsible for the box culvert to connect the AHI property to Clover Basin Reservoir and the Johnson property.</p>	POS	As stated in the <i>Open Space Request Summary and Status Report</i> , the county is willing to work with Longmont on acquisition of the Johnson property. In addition, Boulder County is willing to work with Longmont on a process to coordinate trail planning in this area.
<p>2 St. Vrain Greenway. The City of Longmont would request continued development of the St Vrain Greenway, in a westerly direction; in particular, providing financial support for trail development west of Golden Ponds to Airport Road, and eventually to Pella Ponds. Currently, the City has funding for the extension of the St Vrain Greenway west of Golden Ponds and under Airport Road. Funding for the trail connection on the western side of Airport Road has not been appropriated to make the connection to the planned County trail between Airport Road and Pella Ponds. Therefore, the City of Longmont is requesting trail funding be incorporated into the County’s 2017-2022 CIP program to make this connection along Airport Road a reality.</p> <p>Additionally, this request includes collaboration of a trail connection north to Lake McIntosh along the western side of Airport Road.</p> <p>The City is also requesting the County negotiate a trail alignment to 17th Avenue and to potentially participate in an underpass at 17th Avenue. This connection between the St Vrain Greenway and Lake McIntosh would accomplish a significant County / City recreational connection.</p>	POS TR	Boulder County Transportation, Parks & Open Space and Longmont Natural Resources have worked together to design a trail connection between Golden Ponds and Pella Ponds, a/k/a Pella Crossing. With the annexation of the Golden property between Golden Ponds and Airport Road into Longmont, the City of Longmont is planning to design and construct portions of the trail through that property. In that segment, Boulder County is still working to secure necessary trail easements and confirm or revise the design in light of recent POS acquisitions that may provide flexibility for the trail route. Boulder County is also working to negotiate a trail alignment to 17th Avenue, but nothing is feasible at this time.



City of Louisville 2017 Requests		Lead	Status
1	<p>Overlook Underpass Trail - Connecting Davidson Mesa to the Mayhoffer-Singletree Trail: The new underpass enables citizen’s safe access across Highway 36 which will make a connection possible from the Davidson Mesa trail system to the Mayhoffer-Singletree trail. This connection would allow citizens to access the Cowdrey Draw, Marshall-Mesa, Community Ditch and Doudy Draw trails along with other City of Boulder trails in the Foothills. Louisville would like to continue to work with Boulder County and Superior on this trail alignment and construction.</p>	POS	Similar to Superior Request #1. The underpass along with the rest of the US36 Bikeway is open. BCPOS has participated in discussions with Louisville about a possible connection to the Mayhoffer-Singletree trail and is committed to finding a solution that will work for all agencies involved. Currently, Boulder County POS has identified an acceptable alignment for this trail through county open space. Boulder County is willing to work with Louisville and Superior on planning but we don’t currently have funding in our CIP for design or construction.
2	<p>104th Street Trail - Connecting Coal Creek Trail with Rock Creek Trail and the Carolyn Holmberg Preserve at Rock Creek Farm: The total trail length would be approximately two miles. This trail would connect the regional Coal Creek trail to the Carolyn Holmberg Preserve at Rock Creek Farm, the regional Rock Creek trail and the Stearns Lake trailhead. Once signalized lights are installed the City would like to work with the County and Lafayette on this trail connection</p>	L’ville/ Laf/ POS	Same as Lafayette #1.
3	<p>Warembourg Trail - Connecting Coal Creek Trail with Rock Creek Trail and the Carolyn Holmberg Preserve at Rock Creek Farm: This trail would provide a second connection between the regional Coal Creek and Rock Creek trails. This segment would be a more direct connection for Louisville residents as it departs from a more central location within the community. This connection would also provide a nice loop experience by connecting into the proposed 104th Street trail. Although this concept is identified as a conceptual trail corridor in the Boulder County Comprehensive Plan, additional discussions is needed to determine trail alignment in regards to agricultural areas and privately owned parcels. The Boulder Valley Comprehensive Plan has this recorded as a conceptual trail corridor.</p>	POS	POS is willing to work with Louisville to evaluate trail routes in this area. Challenges include possible agricultural impacts, gaps in land ownership, crossings of major transportation facilities (96 th Street, Dillon Road, BNSF RR, and NW Parkway), involvement of Broomfield County, and funding. Boulder County anticipates that Louisville will take the lead on this project. This project would likely require an amendment to the JALLOPY management plan.



This map is for planning purposes only. Trail alignments are conceptual and do not reflect final positions.

- - - Priority Trail Recommendations
- - - Multi-use Trails
- City Owned Open Space Properties
- Jointly Owned Open Space Properties
- City Limits

- Priority Trail Requests:**
- #1 Overlook Underpass Trail Connecting Davidson Mesa to the Mayhoffer-Singletree Trail
 - #2 104th Street Trail Connecting Coal Creek Trail with Rock Creek Trail and the Carolyn Holmberg Preserve at Rock Creek Farm
 - #3 Warembourg Trail Connecting Coal Creek Trail with Rock Creek Trail and the Carolyn Holmberg Preserve at Rock Creek Farm

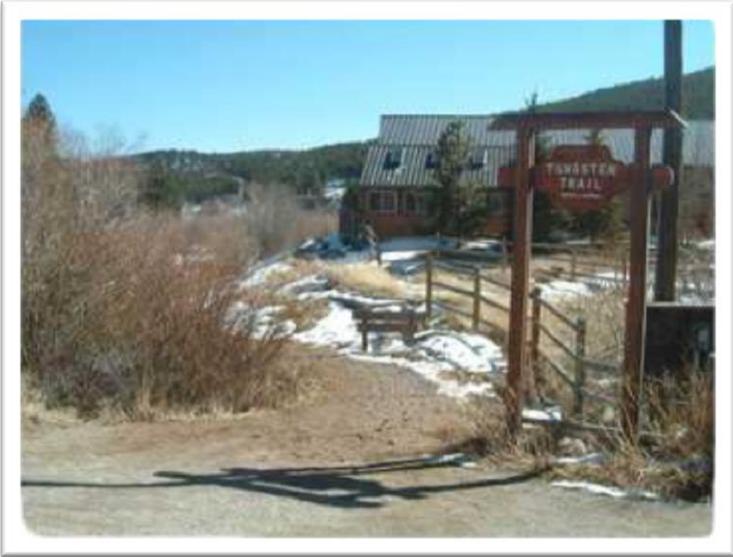
Town of Lyons 2017 Requests	Lead	Status
<p>1 Lyons to St. Vrain Corridor. Trail Extension to Route 36 underpass (repair needed?) with eventual connection to Lyons to Boulder Trail and St. Vrain Greenway Trail--underpass connections on east side of Hwy 36.</p> <p>From 2013 Request:</p> <ul style="list-style-type: none"> • Town currently working on connecting to Rt. 36 underpass west of underpass. The County is currently working on the Boulder Feeder Canal Trail and St. Vrain Greenway Trail. • Maps and information currently on file with County • This would be a major link between Boulder & Lyons and Longmont & Lyons, as well as assist with all of the pedestrian traffic along Hwys 36/66. • 2012 amendment: include assistance from the county to connect on the east side to the underpass to assist in getting cyclists off of the highway and onto the trail. With the Lyons to Boulder Trail being put on hold, the cycling traffic in this area is heavy and the bike lanes into Lyons along this stretch are very narrow making the area dangerous, particularly in the summer months. We are hoping to create an easy connection somehow to the underpass to get cyclists onto the trail, which we hope to create as a two lane hard surface, suitable for such bikes. This trail was part of our Lyons Valley River Park grant which we intend to pursue in smaller more manageable increments. Connection to the underpass is an issue however, and was not included in the grant. Please let me know should you have any questions. 	Lyons	<p>2018: No update. This project is on the Transportation CIP project list https://assets.bouldercounty.org/wp-content/uploads/2017/02/regional-trails-interactive-map.pdf.</p> <p>Response to the 2012 amended request: This grade-separated connection is in the Boulder County Transportation Master Plan, which was adopted in fall 2012. The County supports Lyons' amendment and will work with Lyons and CDOT to complete this connection. The underpass design should enable future connections to LYBO and St. Vrain trails.</p>

2	Lyons to Boulder Trail	TR	<p>2018 Update: Additional options may come up in the planning process for the Rocky Mountain Greenway Phase 2.</p> <p>From 2013 Status Report: Boulder County worked to develop a master plan for the proposed Lyons to Boulder Regional Trail (formerly known as the feeder canal trail) in 2008 and 2009, developing three alternative alignments with extensive public input. The County Commissioners suspended planning process in Fall 2009 after the Northern Colorado Water Conservation District rescinded their trail development guidelines, making it clear that they were unlikely to grant permission in the near future for use of the Feeder Canal for any part of the Lyons to Boulder trail.</p>
3	St. Vrain Greenway Trail	TR	<p>Boulder County Transportation, Parks & Open Space, and Longmont Open Space have worked together to design a trail connection between Golden Ponds and Pella Crossing. With the annexation of the Golden property into Longmont, the City of Longmont is planning to design and construct portions of the trail in 2019. Boulder County is currently working on acquiring additional land and/or easements that will provide a better trail connection from Golden Ponds to Pella Ponds (the Pickering easement or partial ownership). Once the land or easements are likely, preliminary design of the trail will proceed and final design will follow upon final negotiations. Trail construction is planned for 2019/2020 depending on funding and potential grants.</p>
4	Lyons to Rabbit Mountain connector trail	POS	<p>2018 update: This potential trail connection will be considered in the Rabbit Mountain Management Plan update, tentatively scheduled to begin in the 2018-2020 timeframe.</p>
5	Lyons to Hall Ranch connection along Old South Road or State Highway 7	POS/ Lyons	<p>2018 Update: Given the anticipated long term timeframe for updating the NFOS Management Plan, Boulder County is willing to work with Lyons on a trail planning process for trail connections in this area.</p>
6	Steamboat Mountain public access	POS	<p>Nothing has changed since 2013 Status Report:</p> <p>At the time the county purchased Steamboat Mountain (Nov. 2003), POSAC stated a desire for public access to the property. Because Steamboat Valley Road is a private road, using it as a public access is not allowed. It may be possible to access the property from the south; however there are many challenges, including steep slope, cliffs, neighbor concerns, parking, and obtaining access across private property. At this time the project is not included on the Parks & Open Space CIP or identified in our planning schedule.</p>
7	Underpass/Trail for Apple Valley Road at Bridge/Crossing	TR	<p>Boulder County is working with Lyons through the flood buy-out process and would like to gain more information in order to refine this request.</p>

Town of Nederland Requests (no response in 2017)		Lead	Status
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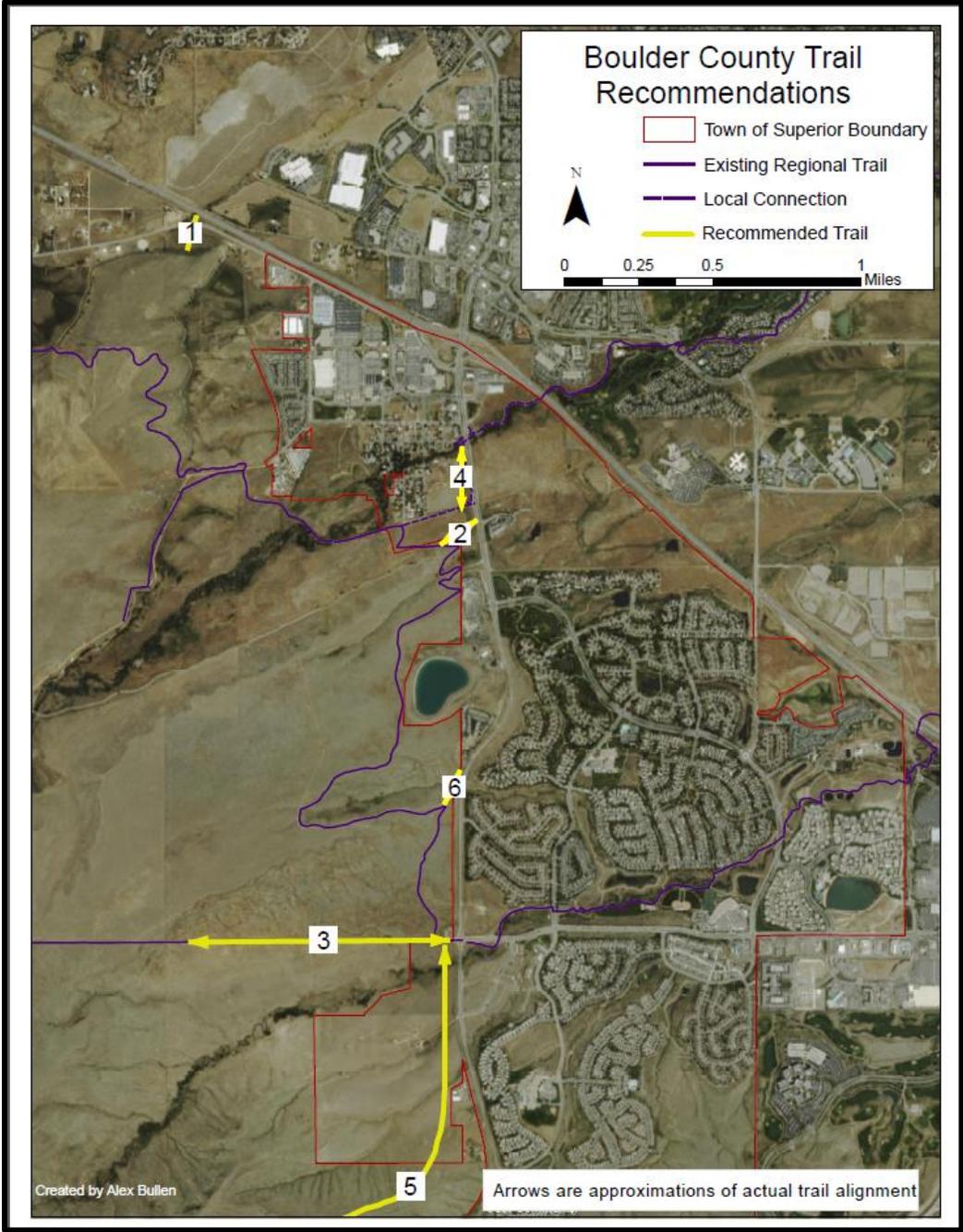
1	<p>County Road 130 Connector Trail to Nederland High School.</p> <p>This multi-use trail along County Road 130 will connect the town of Nederland to Nederland Middle/Senior High School and National Forest trails. The trail will stay within the County right-of-way. A compacted crusher fine finish for the trail is preferable if the trail can be constructed away from the road. The estimated cost for 3,600 linear feet is \$72,000 + \$25,000 for crossing improvements, totaling \$97,000. Black top or concrete will be necessary along with a barrier if the trail is located adjacent to the road. Local excavators have pledged time and equipment to help with the trails project.</p> <p>The Town of Nederland was previously awarded a GOCO grant for trails, but this particular trail could not be built with the available funds. Current trail construction will end where this connector trail would start and would link this southern area to Mud Lake and Caribou Ranch Open Spaces.</p> <p>This project will support non-motorized transportation for students and teachers to and from NMSHS, promoting health and fitness. It will also connect the town of Nederland and the RTD bus station to the West Magnolia Forest Service Trail System. This trail has been listed as a high priority in the <i>Nederland Trails Master Plan (2005)</i>.</p>	TR	<p>No change from 2013 Status Report:</p> <p>This trail segment is included in the preliminary list of projects for the Transportation Sales Tax Extension passed by voters in November 2007. Boulder County Transportation has had conversations with Boulder Valley School District and the Town to pursue additional funding for design and construction of the connection.</p>
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<p>2</p>	<p>Tungsten Trail Improvements. The 1.8-mile Tungsten Trail connects the Barker Meadow Reservoir to several neighborhoods, parks and the community’s downtown. It is used by thousands of residents and visitors every year to move around the main business district and in-town recreational facilities, including Chipeta Park, Barker Meadow Park, the Youth & Family Center, Nathan Lazarus Skatepark, Wild Bear Mountain Ecology Center and others. Due to overuse, highway runoff and periodic flooding, the trail is in disrepair. Local volunteer groups, Town staff and the Town’s Parks, Recreation, Open Space Advisory Board (PROSAB) have pledged hours to repair the trail. Support for the project has also been expressed by CDOT and the City of Boulder, which owns the Barker Meadow Reservoir. Materials and engineering are both needed to advance this effort. We are requesting \$15,000 for this effort. The maintenance and continued development of the Tungsten Trail are identified as goals of the <i>Nederland Area Parks, Recreation, Open Space and Trails Master Plan</i>, approved by the Nederland Board of Trustees in February 2013.</p> 	<p>NED</p>	<p>Based on our understanding of this request as a more town based trail that has no BCPOS lands directly involved, we would not support providing funding.</p>
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Town of Superior 2017 Requests		Lead	Status
1	US 36-Davidson Mesa Trail Connection. Trail connection from the US 36 Underpass at Davidson Mesa, with a crossing at Marshall Road to link to Mayhoffer Singletree Trail and to the larger regional trail system. The trail will ensure a safe direct connection between Mayhoffer Singletree Trail and Davidson Mesa trail system. This connection will enhance access to the Coal Creek/Rock Creek Regional Trail system and the US 36 Bikeway.	POS	See Louisville #1.
2	Shan Shan Chu to Meadowlark Trail. Trail connection link to Meadowlark Trail and possible trailhead at the newly acquired Shan-Shan Chu property. This trail will link from the southwestern corner of the Shan-Shan Chu property to the Meadowlark Trail west of McCaslin Boulevard and south of Depot Street in Original Superior.	Sup	POS staff is taking a recommendation to POSAC in August to approve an amendment to the “Marshall-Superior-Coalton Trail Corridor Management Plan, for the Trailhead and trail connection to the Board in September.
3	Coalton Trail Standards. Improve surface and safety of Coalton Trail to a standard consistent with Meadowlark Trail. This project would include changing the former roadbed to a more typical trail profile by regrading and revegetating this long, straight trail segment. This would enhance the user experience by changing the character of the segment to be similar to surrounding trails.	POS	Planning effort underway to have this section of trail designated as part of the Rocky Mountain Greenway and also have this section of the Coalton Trail improved as part of that project. Funding has not been identified at this time for design or construction.
4	Link between Mayhoffer Singletree Trail and Coal Creek Regional Trail. The Mayhoffer Singletree Trail and Meadowlark Trail meet at 3rd Avenue in Original Town Superior with an interim link to the Coal Creek Regional Trail near Town Hall via a soft-surface trail along the rail bed that scales the berm up to McCaslin Boulevard and then north along the roadway to the bridge over Coal Creek. The Town and Boulder County have coordinated in the past to plan a permanent link to CCRT via the rail bed and north below McCaslin Blvd and across the creek. The interim link has proven to be very popular getting users from the Marshall-Superior-Coalton trail system to the CCRT system. The Town has budgeted to build a pedestrian bridge as part of this overall plan.	Sup	The Town of Superior removed the interim trail during road construction. The permanent trail connection remains on Boulder County Transportation’s CIP list allowing wider trail widths for crossing Coal Creek and gradual trail grades for accessibility.

5	<p>Coalton Trail South to Hwy 128 and west to 66th Street. This trail recommendation will parallel McCaslin traveling south of the Coalton Trail, utilizing the topography of the properties as a buffer from the roadway. The trail would head west towards South 66th and connect with City of Boulder/Greenbelt Plateau and future regional connections to the south.</p>	POS	<p>Due to natural resource values and constraints of the terrain, Boulder County does not consider this trail to be desirable or feasible.</p>
6	<p>Add access to the Meadowlark Trail off McCaslin Blvd. between High Plains Dr. and Christianson Ave. This short trail connection would follow an existing social trail the leads from McCaslin Boulevard north of Christenson Ave. to the existing Meadowlark Trail.</p>	Sup	<p>No update to 2016 response. This trail is not identified as a neighborhood connection in the “Marshall-Superior-Coalton Trail Corridor Management Plan,” approved by the Boulder County Board of Commissioners September 18, 2007. Additions and changes would therefore need to be evaluated through an amendment process for this plan. BCPOS did provide the Town of Superior a modified potential connection in this area that could be considered for a potential amendment.</p>



Summary of 2018 Capital Improvement Projects

ATTACHMENT D

		2018				Total
		2017 Carryover	Grants	Partner/ Other	CIP	
	Recreation & Facilities: \$150K					
1	Heil 2 Improvements	\$0	\$0	\$0	\$135,000	\$135,000
2	Tolland Ranch Trail	\$0	\$0	\$0	\$25,000	\$25,000
3	Creation of Guidelines 2020 vision	\$0	\$0	\$0	\$50,000	\$50,000
4	Ag Heritage Center Irrigation Improvements	\$0	\$0	\$0	\$15,000	\$15,000
	Recreation & Facilities CIP Subtotal	\$0	\$0	\$0	\$225,000	\$225,000
	Historic Preservation: \$100K					
1	Altona Schoolhouse	\$30,000	\$0	\$0	\$0	\$30,000
2	Tumbleson House	\$67,700	\$0	\$0	\$35,000	\$102,700
3	Rocky Mountain Mammoth 1976 House	\$54,775	\$0	\$0	\$0	\$54,775
4	Braly Barn	\$0	\$0	\$0	\$25,000	\$25,000
	Historic Preservation Subtotal	\$152,475	\$0	\$0	\$60,000	\$212,475
	Public Education: \$50K					
1	Altona School House Furnishings	\$0	\$0	\$0	\$5,000	\$5,000
2	Heil Valley Ranch 2 interpretive loop	\$0	\$0	\$0	\$10,000	\$10,000
3	Exhibits & Trailside Interpretive Panels	\$0	\$0	\$0	\$10,000	\$10,000
	Public Education CIP Subtotal	\$0	\$0	\$0	\$20,000	\$20,000
	Agricultural Resources: \$125K					
1	Wasson - Center Pivot (Conventional)	\$0	\$64,856	\$52,000	\$106,759	\$223,615
2	Ertl - Center Pivot (Organic)	\$0	\$33,200	\$31,614	\$79,398	\$144,212
	Ag CIP Subtotal	\$0	\$98,056	\$83,614	\$186,157	\$367,827
	Forestry/Fire CIP: \$200K					
1	Heil: Lichen Loop (Forestry Treatment 162 Acres)	\$0	\$960,000	\$0	\$0	\$960,000
2	Heil Valley Ranch (Ingersol Rx) 260 Acres Target	\$0	\$0	\$0	\$100,000	\$100,000
	Forestry CIP Subtotal	\$27,500	\$960,000	\$0	\$100,000	\$1,087,500
	Ecosystems: \$150K					
1	Flood Restoration	\$32,000	\$60,000	\$947,000	\$21,325	\$1,060,325
2	Grassland Restoration	\$0	\$0	\$0	\$66,000	\$66,000
3	Native Plant Propagation	\$0	\$0	\$0	\$12,000	\$12,000
4	Riparian Restoration	\$0	\$0	\$200,000	\$0	\$200,000
5	Reclamation/Revegetation	\$0	\$0	\$0	\$5,000	\$5,000
6	Wildlife Habitat Restoration	\$0	\$0	\$0	\$25,100	\$25,100
	Ecosystems CIP Subtotal	\$32,000	\$60,000	\$1,147,000	\$129,425	\$1,368,425
	CIP Total	\$211,975	\$1,118,056	\$1,230,614	\$720,582	\$3,281,227
	Contingency Fund				\$54,418	\$54,418
	Grand Total				\$775,000	\$3,335,645

Recreation & Facilities Capital Improvement Projects 2018-2023

	RAF CIP: \$150K	2018				Total 2018	2019	2020	2021	2022	2023	Project Descriptions
		2017 Carryover	Grants	Partner/ Other	CIP							
1	Heil 2 Improvements				\$135,000	\$135,000	\$55,000					Implementation of Heil 2 Small Area Plan infrastructure for use. Complete Eastside Trail, School House Loop Trail, Corral Trailhead in 2018. Altona School site development and corral area clean up in 2018. Install restroom and equestrian parking in 2019.
2	Tolland Ranch Trail				\$25,000	\$25,000	\$5,000	\$5,000	\$5,000			Funding in 2018 for a Class III Cultural Resource Inventory of trail corridor. Submit for a construction grant in fall 2018 and start construction in 2019. Assume 3 years to build out system. Additional funding would include the Michael O'Brien fund.
3	Creation of Guidelines 2020 vision				\$50,000	\$50,000						B-06: Create construction and maintenance guidelines for POS facilities
4	Ag Heritage Center Irrigation Improvements				\$15,000	\$15,000	\$15,000					2018: Phase 2 implementation of irrigation and site improvements at AHC utilizing in-house labor. 2019: ADA Access for MacIntosh Barn. Land Use Special Use Application. Design and improvements to comply with federal guidelines.
5	Walker Ranch Management Plan Implementation						\$30,000					Implement Management Plan improvements: Redesign and build Ethel Harold parking lot. Natural play area design and installation at Meyers Trailhead delayed. Trail to Gross Reservoir construction 2019 if easement is acquired. No Restroom upgrade for Ethel Harold planned.
6	Anne U. White Trailhead		\$				\$					Scope and cost TBD. Outreach to potentially occur in spring of 2018. Funding potential needs figuring out if we build more then what was in place before the flood.Goal would be to contract majority of work.
7	Lagerman Equestrian Parking Upgrade						\$75,000		\$50,000	\$160,000	\$200,000	2019: Expand and modify trailhead as necessary based on demand, with particular attention horse trailers and boat trailers. 2021: Initial engineering and planning for southern trail connection 2022: Install two bridges 2023: Trail and Ag infrastructure
8	Betasso Parking Expansion							\$75,000				The 2009 Betasso Management Plan provides for expansion of current trailhead capacity if increase in visitor use warrants, as a medium priority based on long term >5 years review.
9	Braly Loop Trail, Parking Lot, Trailhead						\$15,000	\$200,000				Potential Fishing is Fun grant. Development of site dependent on flood restoration. Transportation funding of regional restroom. CIL funding of 48k available for R & F. Donation account 15k.
10	Restroom/Trailhead Service Infrastructure						\$10,000	\$10,000	\$10,000			Develop Restroom/Trailhead cleaning supplies and trash storage at key trailheads.
11	Reynolds Ranch/Rogers/Castle Rock Improvements								\$150,000	\$150,000		Implement approved Management Plan recommendations.
Recreation & Facilities CIP Subtotal		\$0	\$0	\$0	\$225,000	\$225,000	\$205,000	\$290,000	\$215,000	\$310,000	\$200,000	
Recreation & Facilities other funding												
12	Niwot / Left Hand Valley Grange Johnson Park CIL			\$		\$						Finish LHVg TH and trail work in 2018 (CO State Trails grant, Transportation, CIL)
13	St. Vrain Trail Construction to Pella						\$	\$				Funding and construction of trail from Airport Road to Pella Ponds from Boulder County Transportation and possible grant application.
Other Recreation & Facilities Funding Subtotal		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Recreation & Facilities CIP Subtotal		\$0	\$0	\$0	\$225,000	\$225,000	\$205,000	\$290,000	\$215,000	\$310,000	\$200,000	

Historic Preservation Capital Improvement Projects 2018 - 2023

	Historic Preservation: \$100K	2017 Carryover	2018			2019	2020	2021	2022	2023	Project Descriptions
			Grants	Partner/ Other	CIP						
1	Altona Schoolhouse	\$30,000									2018 - Continue contracted out public access project awarded in late 2017
2	Tumbleson House	\$67,700			\$35,000		\$65,000		\$80,000	\$50,000	2018 - Continue contracted asbestos abatement awarded in late 2017 Project includes continuation of the contracted asbestos consulting and engineering firm consultation. After abatement, Buildings and Historic Preservation to complete replastering in late 2018 2020 - Contract out foundation repair 2022-2023 - Contract out installation of septic, restroom, water service and parking needs for future use as determined by the N. Foothills Open Space Management Plan
3	Rocky Mountain Mammoth 1976 House	\$54,775									2018 - Continue contracted out non-historic house deconstruction awarded in late 2017 in order to return the historic site context for future public interpretation
4	Braly Barn				\$25,000	\$150,000					2018- Contract out structural engineering plan update to meet code requirements and complete land use reviews in preparation for 2018 rehabilitation. Submit landmark application 2019 - Contract out rehabilitation
5	Small Buildings					\$5,000	\$5,000		\$5,000	\$5,000	2019-2020, 2022-2023 - Buildings & Historic Preservation rehabilitation of miscellaneous small buildings and structures (e.g. Rogers, Archie-Weir, Wall Street outbuildings, Puzzler, Ellis, Argo, Braly outbuildings, Reynold Ranch corrals, Henning Barn) in partnership with Youth Corps
6	Olivieri Buildings						\$30,000				2020 - Buildings & Historic Preservation rehabilitation of cabin, garage and office building. Remove collapsed bunkhouse and contract out site stabilization work
7	Reynolds Ranch Log House							\$100,000			2021- Buildings & Historic Preservation to begin repairs for future use determined by the Platt Rogers/Reynolds Ranch Open Space Management Plan. O&M funds will cover any small necessary repairs until 2021
8	Major Maintenance								\$15,000	\$45,000	2022- Reshingling the Agricultral Heritage Center Lohr McIntosh barn 2023 - Reshingling the Walker wagon barn, cabin and well house
Historic Preservation Subtotal		\$152,475	\$0	\$0	\$60,000	\$212,475	\$155,000	\$100,000	\$100,000	\$100,000	\$100,000

Public Education Five Year Capital Improvement Projects 2018-2023

	Public Education: \$50K	2018				Total 2018	2019	2020	2021	2022	2023	Project Descriptions
		2017 Carryover	Grants	Partner/ Other	CIP							
1	Altonal School House Furnishings				\$5,000	\$5,000						Furnish interior of school house so we can "hold class" for local school groups and organizations
2	Heil Valley Ranch 2 interpretive loop				\$10,000	\$10,000						series of interpretive signs for ADA accessible loop trail near corral parking
3	Exhibits & Trailside Interpretive Panels				\$10,000	\$10,000						AHC & Cardinal Exhibits; taxidermy mounts, Mud Lake, Pella, Peck interpretive
4	Cardinal Mill Exhibits						\$25,000					Interior exhibits for the top and bottom of mill
5	Offero Volunteer Management Software Enhancements						\$15,000					Enhancement of Offero system (tailor-made software to manage volunteers and events)
6	Braly & Ramey Interpretive Opportunities						\$10,000					Trailside panels along Braly trails (series) and possibly Ramey property (1 panel)
7	Ag Heritage Center Exhibits							\$125,000		\$50,000		In 2020, replace "Faces of Boulder County" and "Food" and "Tools of the Trade" exhibit that have been on display for 20 years. In 2022, create exhibits for outdoor demonstration field.
8	Assay Office Museum Exhibits								\$15,000			Expand assaying exhibits
9	Nederland Mining Museum Exhibits									\$25,000		Interpretive plan for hard rock mining sites, and begin updating NMM exhibits
	Subtotal	\$0	\$0	\$0	\$20,000	\$20,000	\$50,000	\$125,000	\$15,000	\$50,000	\$25,000	

Agricultural Resources Capital Improvement Projects 2018-2023

Agricultural Resources: \$125K	2018					2019	2020	2021	2022	2023	
	2017 Carry over	Grants	Partner/ Other	CIP	Total 2018						
1. Center Pivot & Lateral Sprinklers - Conventional											
a. Wasson - center pivot (wiper)		\$64,856	\$52,000	\$106,759	\$223,615						Center pivot wiper (EQIP) - new electric service est. \$65K
b. Becky - Lateral sprinkler						\$50,000					Lateral or pivot irrigation sprinkler (EQIP)
c. G. Anderson - center pivot							\$25,000				Full center pivot sprinkler
d. Henry & Ross- 2 center pivots								\$200,000	\$175,000		Two full center pivot with swing arm (no EQIP, tenant cost share)
2. Center Pivot & Lateral Sprinklers - Organic											
a. Ertl - Center Pivot (small)**		\$33,200	\$31,614	\$79,398	\$144,212						Center pivot wiper sprinkler - EQIP electric service \$50K
b. Boulder County Land Venture - electric service to pivot						\$34,000					Currently using diesel generator
c. Cherry Creek Tree Farm - center pivot						\$15,000					Wiper center pivot (EQIP)
d. AHI - Replace center pivot							\$200,000				Replace existing center pivot for trail alignment. Possible alternative funding source ACRE3
e. Laber, Henry - center pivot**								\$50,000			Wiper center pivot (EQIP)
f. Haley - install irrigation system										\$175,000	Lateral or pivot irrigation sprinkler for research farm
3. Organic Farm Stand Projects											
a. Harney - mule barn or new farm stand							\$25,000				Allow public inside the existing mule barn or install new farm stand (50% POS) 2019??
4. Other Irrigation Projects											
a. Barrett & Darby - Mumford Lateral pipeline project						\$25,000					Replace open irrigation ditch with underground pipeline and fix seepage for neighbors. Work would be completed by tenant.
Ag CIP Total		\$98,056	\$83,614	\$186,157	\$367,827	\$65,000	\$250,000	\$200,000	\$225,000	\$0	

*Ag Tenant cost share
 **EQIP
 ***Include new electric service (\$65K)

Wasson - new electric service will supply power to 3 irrigation sprinkler projects
 Higher priorities could change timeline

Forestry-Fire CIP 2018-2023

	Forestry/Fire CIP: \$200K	2018				2019	2020	2021	2022	2023	Project Descriptions
		2017 Carry over	Grants	Partner/ Other	CIP						
1	Ponderosa /Forest Restoration Large-Scale Treatments >50 Acres										Forest ID Team will work out Details
a.	Heil: Lichen Loop PA1 (U1, U2) (162 Acres)		\$960,000			\$960,000	\$320,000				Application is in for 2017 Pre-Disaster Mitigation Grant, will not know until at least April 2018, Could Possibly Split Between 2018-2019. We will also apply for some State Funding which could possibly cut our share by 50%. Has Approved Prescription.
b.	Walker: Meyers Gulch PA1 (U1, U3-6) (355 Acres)						\$1,800,000				Will need to apply for Grant Funding. Typically cost share is at least 25% which would be \$450,000 of CIP, We will look to see if this project can be split up without compromising the economies of scale. At a minimum the project should expect to be at least 1/2 its current size. Possible Split Between 2020-2021. Has Approved Prescription.
c.	Hall: Button Rock PA5 U1-6								\$1,300,000		Will need to apply for Grant Funding. 227 acres at \$6000, Does Not Include need for road access. Will Have Approved Prescription by Early 2018.
d.	Hall: Button Rock PA6 U3-4								\$1,300,000		Will need to apply for Grant Funding, 162.2 acres at \$8000, Does Not Include need for road access. Will Have Approved Prescription by Early 2018.
e.	Billings: Button Rock								\$660,000		We think that approximately 120 Acres of feasible projects exist at \$5000, plus improved road access at \$60,000k Will Have Approved Prescription by Early 2018.
2	Prescribed-Fire/Activity Fuels Projects										Burning activity fuels from completed(2010-2013) contract mechanical operations
a.	Heil Valley Ranch (Ingersol Rx) 260 Acres Target				\$100,000	\$100,000	\$25,000				This all depends on what can be completed by the BCSO. Typical first entries can cost \$500 per acre. We estimate that we can complete at least 250 acres each year. Approved PRF, Burn Plan Almost Complete
b.	Rabbit Mountain (Arapaho Rx) 350 Acre Target (3444 Total)	\$27,500.00				\$27,500	\$125,000				Waiting on Invoice from CDFPC for Utilizing Juniper Valley Hotsahots (Jail Crew), we are trying to make sure invoice arrives before years end, although we got invoices from Fall of 2016 in Summer of 2017. Approved PRF and Burn Plan
c.	Betasso (Arkansas RX) 262 Acres						\$125,000				Based on a 250 acre year at \$500 per acre. PRF Approval Early 2018
d.	Hall Ranch (Nelson Loop Rx) 860 Acres							\$125,000			Based on a 250 acre year at \$500 per acre. PRF Approval Early 2018
e.	Walker: (Walker Rx) 1056 Acres								\$125,000		Based on a 250 acre year at \$500 per acre. PRF Approval Early 2018
f.	Heil: (Wapiti/Wapiti2) 440 Acres									\$125,000	Based on a 250 acre year at \$500 per acre. Approved PRF and Burn Plan
	Forestry/Fire CIP Subtotal	\$27,500	\$960,000	\$0	\$100,000	\$1,087,500	\$470,000	\$1,925,000	\$125,000	\$3,385,000	\$125,000

Ecosystems CIP 2018-2023

Ecosystems: \$150K	2018					2019	2020	2021	2022	2023	Project Descriptions
	2017 Carry over	Grants	Partner/ Other	CIP	Total 2018						
1 Flood Restoration											
a. Geer Creek	\$32,000		\$465,000	\$10,000	\$507,000						Post-flood stream restoration funded by COPS and CIP Ecosystems. COPS \$398K. AI Moss donation \$67K.
b. Brewbaker	\$0		\$482,000	\$0	\$482,000						Post-flood stream restoration funded by COPS and CIP Ecosystems.
c. Golden Fredstrom		\$60,000		\$11,325	\$71,325						CPW Wetland Grant match. Wetland & stream restoration funds, including restoration around the old Niwot
d. Maintenance of flood projects						\$50,000	\$40,000	\$20,000			Post flood recovery projects maintenance, incl. watering transplants, weed control, and replacement plants.
2 Grassland Restoration									\$20,000		
a. CEMEX				\$38,000	\$38,000						Reseeding 160 acres at CEMEX to perenial native vegetation.
b. Mowing: Various Properties				\$28,000	\$28,000	\$20,500	\$15,500				Mowing for grassland restoration projects on Rock Creek Grasslands, Egg Farm, CEMEX, etc.
c. Cheatgrass Restoration						\$20,000		\$20,000			400 acres of treatment for cheatgrass infestation.
3 Native Plant Propagation											
a. Peck Native Garden and others				\$12,000	\$12,000	\$14,500	\$14,500	\$15,000	\$15,000		Native seed collection & increase of local ecotypes not available on commercial seed market.
4 Riparian Restoration											
a. Bailey Ponds/Kenosha			\$200,000	\$0	\$200,000	\$10,000	\$10,000				Restoration of Boulder Creek through the Bailey Ponds/Kenosha properties. Partner with the UDFCD.
b. Lower Boulder Creek							\$10,000				Kenosha East and West Ponds reclamation & wetland planting. Post-LBC construction maintenance.
c. Future projects								\$65,000	\$109,000		Delonde Creek at Caribou; Sherwood Gulch stream daylight through mine area.
5 Reclamation/Revegetation											
a. Heil 2 Reclamation				\$5,000	\$5,000						Restoration of the corral area and other areas in need.
b. Conger Mine (Sherwood Gulch)							\$7,000				Reclaim the bare areas of the Conger Mine at the Sherwood Gulch property.
c. Hall 2 Mine Reclamation								\$6,000	\$6,000		Maintenance of reclamation, post-bond, in conjunction with management plan implementation.
6 Wildlife Habitat Restoration											
a. Black Footed Ferret Reintro				\$20,000	\$20,000	\$23,000	\$23,000				Vision 2020 goal to reintroduce Black Footed Ferret; costs for plague prevention, incl. dusting and vaccine.
b. Ag Wildlife Habitat				\$5,100	\$5,100		\$7,000	\$12,000			Wildlife habitat and pollinator projects on ag properties: Swanson, Ertl, Puma, Montgomery Farms, AHI
c. Loukonen Dairy Farm, Parcel F						\$12,000					Fencing off portions of the Lake Ditch/ephemeral drainage for PMJM habitat.
d. South Branch							\$8,000				Fencing off portions of the South Branch Ditch at Braly and Sadar for PMJM habitat
e. US36 Wildlife Crossing										\$150,000	Underpass or fencing for possible US36 wildlife crossing
7 Road/Social Trail Closure											
a. Reynolds Rogers & West Magnolia							\$15,000	\$12,000			Closing social trails/roads in conjunction with trail building on the Reynolds property.
Overall Ecosystems Subtotal	\$32,000	\$60,000	\$1,147,000	\$129,425	\$1,368,425	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	

Ecosystems Combined: \$150k											
1 Flood Restoration	\$32,000	\$60,000	\$947,000	\$21,325	\$1,060,325	\$50,000	\$40,000	\$20,000	\$0	\$0	\$0
2 Grassland Restoration	\$0	\$0	\$0	\$66,000	\$66,000	\$40,500	\$15,500	\$20,000	\$0	\$0	\$0
3 Native Plant Propagation	\$0	\$0	\$0	\$12,000	\$12,000	\$14,500	\$14,500	\$15,000	\$15,000	\$0	\$0
4 Riparian Restoration	\$0	\$0	\$200,000	\$0	\$200,000	\$10,000	\$20,000	\$65,000	\$109,000	\$0	\$0
5 Reclamation/Revegetation	\$0	\$0	\$0	\$5,000	\$5,000	\$0	\$7,000	\$6,000	\$6,000	\$0	\$0
6 Wildlife Habitat Restoration	\$0	\$0	\$0	\$25,100	\$25,100	\$35,000	\$38,000	\$12,000	\$0	\$150,000	\$0
7 Road/Social Trail Closure	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$12,000	\$0	\$0	\$0
Ecosystems CIP Subtotal	\$32,000	\$60,000	\$1,147,000	\$129,425	\$1,368,425	\$150,000	\$150,000	\$150,000	\$130,000	\$150,000	

Boulder County Parks and Open Space Capital Improvement Project Descriptions 2018-2023

BOCC December 12, 2017

(Project numbers correspond to project numbers on Attachment A spreadsheet)

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ECOSYSTEMS Projects	7

RECREATION AND FACILITIES Projects: CIP Funds

1. **Heil 2 Improvements:** 2018, 2019 CIP. The County purchased the 210 acre Heil 2 property in late 2012. Heil 2 lies on both the east and west side of Geer Canyon Drive south of the existing trailhead. A small area plan for Heil 2 was completed and approved in May, 2016, with improvements including a trails, trailhead, and trailhead amenities. The Overland Loop Trail opened in 2017. In 2018, CIP funds are earmarked for completing the Corral Trailhead, Eastside Loop, and Schoolhouse Loop. In 2019, funds are earmarked for a restroom and equestrian parking. See also HP #1.

2. **Tolland Ranch Trail:** 2018-21 CIP. In January, 2015, Boulder County partnered with the Colorado State Forest Service and Great Outdoors Colorado, with coordination by The Conservation Fund, to acquire a conservation easement over approximately 3,334 acres of the Tolland Ranch property near Eldora Ski area in western Boulder County and Gilpin County. The acquisition includes an easement for a 6.5-mile long trail. 2018 funding is for a Class III Cultural Resource Survey of the trail corridor. The plan is to apply for a trail construction grant in fall of 2018 and commence trail construction in 2019, continuing to 2020 and 2021, if needed. Construction funding will be solicited from the Michael O’Brien fund.

3. **Construction & Maintenance Guidelines:** Vision 2020 includes the goal of the creating construction and maintenance guidelines for park-related facilities. The funds will be used to hire a consultant to lead this project.

4. **AG Heritage Center Irrigation Improvements:** 2018-19 CIP for Phase 2 of irrigation site improvements. In 2014-2016 staff completed driveway improvements for site distance, upgraded an agriculture irrigation structure to correct erosion problems to the trail, completed Phase 1 irrigation improvements for the yard area near the house, and installed culvert intercept by corrals. In 2018,

funds will be used for Phase 2 irrigation and plantings to entry and central yard area. In 2019, funds are earmarked for ADA access to the McIntosh Barn.

5. **Walker Ranch Management Plan Implementation:** 2019 CIP. The management plan update for Walker Ranch was completed in 2013. In 2019 CIP will be used towards some of the work identified in the management plan: Ethel Harrold Trailhead upgrade, nature play area design and installation at Meyers Gulch Trailhead, and construction of trail towards Gross Reservoir.
6. **Anne U. White Trailhead:** 2018 CIP and grant funds. The Anne U. White trail has been closed since the devastation of the 2013 flood. Work on the trail is essentially completed, and has benefitted from the help of numerous volunteer days. The two homes closest to the trailhead were a part of the buyout through the FEMA process, and the county Transportation Department is working on the road repairs. In 2018, using remaining GOCO flood-related grant funds, we will contract out engineering plans for the trailhead area (slope stabilization, stream restoration, and potential hardening of stream bank to protect parking area site). We will gather public input to inform the scope of the trailhead replacement. The scoping process will determine a cost for the trailhead work, anticipated to be completed in 2019.
7. **Lagerman Agricultural Preserve Equestrian Parking Upgrade and Trail Construction:** 2019, 2021-2023 CIP. The new 5.5-mile Open Sky Loop opened in 2017. Staff will monitor trailhead use and decide if parking lot upgrades to accommodate equestrian trailer parking and boat trailers are warranted, with funds set aside in 2019. Funds are earmarked in 2021-2023 for construction of a new trail from Lagerman Reservoir south to Oxford Road, as outlined in the 2012 Lagerman-Imel-AHI Management Plan.
8. **Betasso Parking Expansion:** 2020 CIP. Consider expansion of available parking at the Betasso Trailhead.
9. **Braly Loop Trail, Parking Lot, Trailhead:** 2019-2020 CIP. Fishing-is-fun grant or GOCO trails grant application in 2019 and implementation in 2020 CIP. Plans include creating a loop trail, Trailhead and parking facility, to eventually be part of the St. Vrain corridor trail. Additional funding coming from a cash-in-lieu and Boulder County Transportation (funding construction of restroom for regional trail). See also HP #4.
10. **Restroom/Trailhead Service Infrastructure:** 2019-2021 CIP. Develop infrastructure such as a large bear proof container to store restroom/trailhead cleaning supplies and trash at key trailhead locations.
11. **Reynolds Ranch/Rogers/Castle Rock Improvements:** 2021-2022 CIP. Master planning will be occurring for improvements. Funds are earmarked for implementing the approved improvements.

RECREATION AND FACILITIES Projects: Other Funds

12. **NIWOT/Left Hand Valley Grange (LHVG) Johnson Park.** Grant award from Colorado State Trails in 2015, Cash-in-lieu funds, and Boulder County Transportation funds to complete work in 2017 and 2018. Work includes redesign of parking lot, restroom, kiosk, and trail re-route at LHVG and Niwot area.
13. **St Vrain Trail Construction to Pella** (Boulder County Transportation). Uncertain timing for construction of regional trail from Airport Road to Pella Ponds.

HISTORIC PRESERVATION CIP Projects:

1. **Altona Schoolhouse Public Access:** 2017-2018 CIP. The 1880 Altona School is the oldest remaining one-room stone schoolhouse in Boulder County. The school educated children from the Altona community from 1880 until about 1949 when consolidation and declining population forced the school to close. The Heil family purchased the property in July 1949 and began using the building as a residence. Several small additions were added in the 1950s, but the stone schoolhouse remained remarkably intact. BCPOS restored the schoolhouse for nonpublic access in 2015-2016. In 2017, partnering with Recreation and Facilities, plans for public access and parking were completed; in 2018 the Buildings and Historic Preservation crew will complete restoration work necessary for public access. See also RAF #1 and PE #1.
2. **Tumbleson House Repairs:** 2017-2018, 2020, 2022-2023 CIP. The circa 1890s Tumbleson House at Hall Ranch was rehabilitated with part of a GOCO Legacy Grant in 2001. Originally, foundation repairs were to begin in 2017, but due to the unexpected discovery of asbestos in the first floor plaster walls, the focus of the project shifted to asbestos mitigation first and the foundation repairs delayed until 2020. The repair work ensures the house will remain viable for future uses to be determined through the North Foothills Open Space Management Plan update.
3. **Rocky Mountain Mammoth 1976 House Deconstruction:** 2017-2018 CIP. Located at the top of Magnolia Road, the Rocky Mountain Mammoth is one of Boulder County's most intact examples of a late 19th and early 20th century small scale hard rock mining operation once common in the foothills of Boulder County. Today, intact sites like this are extremely rare and offer a unique opportunity for interpretation. The shaft house and cabin date from the late 19th century, but the unfinished house dates from 1976. BCPOS will contract out the house deconstruction and material recycling in order to return the site to its historic context for future public interpretation as part of the Hard Rock Mining Tour.
4. **Braly Barn Rehabilitation:** 2018-2019 CIP. The circa 1903 Braly barn is located on the historic Wencil Farm northwest of Hygiene. The County purchased the 112.48-acre property June 2000. Both the main branch and the south branch of St. Vrain Creek cross the property. In 2018, engineering plans will be updated in preparation for the 2019 rehabilitation. Future public access to the property is planned after flood repair projects are completed and the proposed St. Vrain trail will also cross through the property. See also RAF #9 and PE #6.
5. **Small Buildings:** 2019-2020, 2022-2023 CIP. A group of smaller historic buildings that need a lesser degree of work are scheduled for rehabilitation work each year from 2019- 2023. The high priorities include the Rogers Ranch buildings, Archie-Weir buildings, Wall Street outbuildings, Heil Valley Ranch II outbuildings, Puzzler town site (Arapahoe Lodes), Ellis, Argo, Braly outbuildings, Reynolds Ranch corrals and Henning Barn. The list and work will be refined and prioritized based on forthcoming assessments. Work may be done in partnership with the Boulder County Youth Corps.
6. **Olivieri Buildings Rehabilitation:** 2020 CIP. Purchased in 2007, the Olivieri property is located in Sunshine Canyon and originally operated as a small-scale hard rock mining operation before becoming a vacation home for the Olivieri family for over 50 years. The buildings are a representative example of the types of rustic mining cabins that were typically constructed during the early 20th century through their simplicity of design and use of readily available natural materials. The Buildings and Historic Preservation crew will removed the collapsed bunkhouse, and rehabilitate the cabin, garage and stone office building.

7. **Reynolds Ranch Log House Repairs:** 2021 CIP. The 1874 log house is part of the historic Hockaday Ranch located southeast of the Town of Nederland. Charles Hockaday, who most likely constructed the building, settled in the area after working as a freight operator from St. Joseph, Missouri to Central City, Colorado. The property is significant for its association with the early settlement of the area and the development of high country ranching. In preparation for a future use of the building as determined by the forthcoming Platt Rogers/Reynolds Ranch Open Space Management Plan, funding is allocated in 2021 to cover the costs of the repairs. Operations and maintenance funds will cover any small necessary repairs until 2021. See also RAF #11.
8. **Major Maintenance:** 2022-2023 CIP. Funding is allocated for high cost projects that extend beyond the operation and maintenance budget capability. Projects include re-shingling the Agricultural Heritage Center Lohr McIntosh barn and the Walker Ranch wagon barn, cabin and well house.

PUBLIC EDUCATION CIP Projects:

1. **Altona School House Furnishings:** 2018 CIP. We'll furnish the interior of one-room school house so local school groups will really experience what school was like in earlier times. See also Historic Preservation #1.
2. **Heil Valley Ranch 2 Interpretive Loop:** 2018 CIP. A series of trailside panels about the property's natural and cultural history will be installed along the ADA interpretive loop near Corral Parking Lot.
3. **Exhibits & Trailside Interpretive Panels:** 2018 CIP. Trailside panels for Peck Open Space (agricultural use and native garden), Castle Rock (historical bridges) Mud Lake (water resources) and Walden Ponds Wildlife Habitat (2013 Flood repairs). Trailside panel costs range from \$1,000 to \$2,000 depending on whether they are designed in-house or by a consultant, the number of photographs, and cost of any original artwork.

Cardinal Mill Exhibits: 2019 CIP. Interior exhibit themes for the top and bottom of the mill will include Old Cardinal and current Cardinal site, life in a mining town, and how a mill works.

4. **Offero Volunteer Management Software upgrades:** 2019 CIP. After a full year of use from the public, volunteers and staff, we will consider upgrading certain features.
5. **Braly & Ramey Interpretive Opportunities:** 2019 CIP. Trailside panels will be installed at Braly and Ramey properties highlighting the natural and cultural resources. See also RAF #9; HP #4.
6. **Ag Heritage Center Exhibits:** 2020 CIP. Due to wear and tear, a number of exhibits installed in 2000 will be replaced: "Faces of Boulder County," "Food," and "Tools of the Trade" exhibit.
7. **Assay Office Museum Exhibits:** 2021 CIP. Funds will be used to expand assaying exhibits.
8. **Nederland Mining Museum Exhibits:** 2023 CIP. Replace some exhibits with interactive components so exhibits are more engaging for museum visitors to learn about hard rock mining in Boulder County.

AGRICULTURAL RESOURCES CIP Projects:

Center Pivot and Lateral Sprinklers: We install center-pivot and lateral irrigation systems to conserve water, reduce erosion, reduce labor costs, and increase crop production. The Natural Resources

Conservation Service (NRCS) offers cost-share through their voluntary Environmental Quality Incentive Program (EQIP). This program will share on average 50% of the total cost. In addition to the environmental benefit, center pivots provide an economic benefit for the County through increased production; typically a 25% increase in production or more is attainable. This correlates into increased revenue. Center pivot sprinklers are also a great benefit to our stewardship responsibilities. Farm field roads and open irrigation ditches are eliminated, reducing the prime location for noxious weeds to get established, and reducing the weed management costs.

Organic & Market Farms: Organic & market farms are generally small acreage farms and have the irrigation water and soils that are suited to growing vegetables or “Farmers Market” type produce. These types of crops are raised more efficiently with drip or sprinkler irrigation. This will require new irrigation infrastructure, which typically includes an irrigation water holding structure or pond, pumping station, some underground pipeline, and new electric service brought to the irrigation pump. These systems can supply irrigation water to overhead sprinklers and/or drip-tape irrigation.

1. Center Pivot & Lateral Sprinklers—Conventional Farms

- a. 2018: Wasson center pivot sprinkler, 60 ac.
 - Ag tenant approved for EQIP program with NRCS and will cost share
 - New electric service will be expensive, but will be used to power two future sprinkler projects, Becky and Goldamay Anderson.
- b. 2019: Becky lateral sprinkler
 - Ag tenant will apply for EQIP program and cost share
 - Powered by new electric powerline from Wasson project
- c. 2020: Goldamay Anderson center pivot sprinkler
 - Assume Ag tenant will be approved for EQIP program
 - Also powered by electric powerline from Wasson project
- d. 2021-2022: Henry & Ross (2 full circle with swing arm pivots planned over 2 years)
 - Approximately 300 acres
 - No cost share from Ag tenant no EQIP funds for these pivots

2. Center Pivot—Organic Farms

- a. Ertl 2018 CIP: center pivot (one wiper system)
 - Approximately 63 acres
 - Approved for EQIP funding and cost share with tenant
- b. Boulder County Land Venture center pivot upgrade: 2019
 - Install new electric service to operate existing center pivot
 - Currently operation with diesel powered generator
- c. Cherry Creek Tree Farm – center pivot wiper: 2019
 - Will use existing irrigation pond and powerline
 - Relative inexpensive to add to existing system to expand irrigation to east half of farm
- d. AHI Replacement center pivot: 2020
 - Approximately 70 acres (losing 6 acres to trail)
 - Swing arm system to allow for trail alignment
 - Apply for grant funds (not likely to qualify for EQIP; apply for ACRE3 “Advancing Colorado’s Renewable Energy and Energy Efficiency”)
- e. Laber, Henry – center pivot (wiper): 2022
 - Approximately 83 acres
 - Planned for EQIP approval and tenant cost share
- f. Haley subsurface drip irrigation with precision Ag technologies: 2023
 - Much more efficient than sprinkler irrigation systems, but also more expensive

3. Organic Farm Stand Projects.

- a. Harney-Lastoka Mule Barn conversion to farm stand or new farm stand: 2019
 - Farm stand to allow public to enter part of mule barn or new farm stand
 - Cost share with Lafayette and Louisville
 - Design required to meet Land Use codes

4. Other Irrigation Projects.

- b. Barrett & Darby –Mumford Lateral irrigation pipeline project:2019
 - a. Replace open ditch with underground pipeline to reduce water lose
 - b. Replace another portion of open ditch to prevent water seepage onto neighbors' property and horse sheds

FORESTRY CIP Projects:

1. **Ponderosa Forest Restoration Large-scale treatments (>50 ac.):** 2019-2020 CIP. These large projects are designed to reduce forest fuels through the implementation of Forest Restoration concepts. Restored forests have a structure that is better adept at responding to wildfire events. In addition they are strategically located on the landscape to protect communities, watersheds, and infrastructure at risk.

- Heil, Lichen Loop (162 ac). This project will focus on completing ponderosa pine restoration east of the Lichen Loop Trail at Heil Valley Ranch. Our plan is to complete 162 acres of fuels reduction on our Heil Valley Ranch Open Space Property across two units (PA1U1 and PA2U2).
- The project will reduce hazardous fuels across the 162 acre project area by maintaining and creating large openings, lowering the Basal Area to 20-80 ft²/acre, and emulating pre-settlement forest structure by creating a clumpy, uneven- aged forest structure interspersed with openings that more closely resembles conditions that existed prior to interruption of the historic fire. Material removed during operations will be utilized in our BCPOS Biomass Facilities at our Boulder County Correctional Facility and Transportation complex (OSTC) in Longmont.
- In order to implement the project we have determined that there are 86 acres which would need to be whole-tree helicopter yarded due to adverse slopes, broken terrain, and sensitive plant species and communities. The remaining 76 acres can be treated with a typical ground based harvesting system that also will remove whole trees.
- Funding: Application is in for 2017 Pre-Disaster Mitigation Grant, will not know until at least April 2018. Could possibly split work between 2018-2019. We will also apply for some state funding which could cut our share by 50%. This project has an approved prescription.

2. **Prescribed Fire/Activity Fuels Projects:** 2018 CIP. After BCPOS has completed mechanically thinning some of our forests, the ideal next step for ecological process is to reintroduce fire. Our Prescribed Fire Interdisciplinary team (Fire ID Team) identifies appropriate areas to use this management practice. It can include areas of grassland and shrub land as well as forests that have been thinned in the last several years. The Fire ID Team prioritizes projects based on preparedness and opportunity, therefore may complete work in other locations as needed

- 2018 Heil Valley Ranch, Ingersol RX (260 acres): This project area was treated in 2013 utilizing mastication equipment due to the steep slopes and accessibility. Mastication works leaves behind activity fuels, which we hope to remove/consume through prescribed fire

operations in the project area. This will be a first entry reintroduction of fire into the area. It will be a very complex prescribed burn project.

- 2018 Rabbit Mountain, Arapaho RX (350 acres): Carry over funds due to delayed State invoicing for utilizing the Juniper Valley hot shot jail crew out of Buena Vista. Additionally, Rabbit Mountain is the second priority for continued prescribed fire activity, with a maximum of 350 acres being burned each year. Funding projected for 2019.

ECOSYSTEMS CIP Projects:

1. **Flood:** 2018-2020 CIP. Funds from CIP will be used to restore streams and floodplains that are not funded by other grant sources.
 - **Brewbaker:** 2018 CIP. \$398,000 COPS + \$84,000 CIP Ecosystems. Left Hand Creek at the Brewbaker property is a high priority for our department, yet it did not rank high enough for FEMA funding in the Left Hand Creek Master Plan. COPS, also known as the County sales tax funds, will provide up to \$398,000 in 2018 for finalizing design-build plans and construction of this project in 2018.
 - **Geer Creek:** 2018 CIP. \$398,000 of COPS sales tax funds, \$67,000 AI Moss donation, and a total of \$42,000 CIP Ecosystems. This stream restoration design and construction of Geer Creek will target priority areas needing stabilization and habitat improvements.
 - **Golden Fredstrom:** 2018 CIP. A CPW Wetland Grant awarded in 2016 is providing \$60,000 in funds to restore parts of the St. Vrain Creek impacted in the 2013 Flood along the Golden Fredstrom property. CIP Ecosystems will provide the cash match of \$11,325 in 2018.
 - **Maintenance of Flood Projects:** 2019-2020 CIP. Funds have been set aside in years 2019-2020 to maintain the Brewbaker and Geer Creek stream restoration projects. Watering of transplants and weed control will be needed, as well as replacing transplants and reseeding areas needing follow-up work.
2. **Native Plant Propagation:** 2018-2022 CIP. POS is collecting local, native ecotypes of seed that are not available commercially. These funds are used to support the following: 1) our volunteer native seed collection program, 2) the Native Seed Garden at the Peck property, and 3) additional seed increase from commercial farms operations. The local native seed we generate will be available for current and future flood recovery and ecological restoration projects.
3. **Grassland Restoration Projects:**
 - **Mowing:** 2018-2020 CIP. Because of all the mowing maintenance needed on multiple grassland restoration properties, a separate category was created for this need. Funds are used to rent a tractor and hire a seasonal mower, enabling more efficient and effective mowing on Rock Creek Grasslands, Egg Farm, CEMEX and others.
 - **CEMEX Restoration:** 2018 CIP. Restoration efforts began in 2004 and will continue through 2019. The southern approximately 160 acres will be planted to perennial natives in 2018.
 - **Cheatgrass Restoration:** 2019 CIP. BCPOS has been using an exciting new tool for restoring areas invaded by the annual grass, cheatgrass (*Bromus tectorum*), also called downy brome (*Bromus japonicus*). Research using the herbicide Esplanade has released native vegetation suppressed by cheatgrass dominance. Applications will be made on a larger scale with this funding.
 - **Future Projects:** 2022 CIP. Potential areas for future grassland restoration have been identified at Verhey, Rock Creek Farm west of 104th Street, and Loukonen Dairy Parcel G.

4. **Riparian Restoration Projects:**

- **Bailey Ponds/Kenosha:** 2018-2020 CIP. This stream restoration on Boulder Creek was identified as a high priority in the Boulder Creek Master Plan. Partner with the Urban Drainage and Flood Control District for funding and implementation.
- **Lower Boulder Creek:** 2020 CIP. Maintenance funds post-Army Corps of Engineers project completion.
- **Future Projects:** 2021- 2022 CIP. Future stream restoration projects have been identified at Delonde Creek on the Caribou Ranch property and Sherwood Creek at the Sherwood Gulch property. At Sherwood Gulch, a portion of the stream buried in mine tailings will be daylighted and restored.

5. **Reclamation/Revegetation Projects:**

- **Heil 2 Reclamation:** 2018 CIP. Post-coral reclamation of bare and weedy areas.
- **Conger Mine at Sherwood Gulch:** 2020 CIP. Illegal shooting has become a problem at the Conger Mine. Bare areas will be reclaimed and large piles of woody debris will be moved so that they are not used as shooting targets.
- **Hall 2 Mine Reclamation:** 2021-2022 CIP. Maintenance of reclamation, post-bond, in conjunction with management plan implementation.

6. **Wildlife Habitat Restoration Projects:**

- **Black Footed Ferret Reintroduction:** 2018-2019 CIP. Meet 2020 Vison Goal to reintroduce Black Footed Ferrets by 2020. In order to do this, funds are needed to purchase plague vaccine and flea dust for plague prevention to help increase prairie dog populations that have been negatively affected by plague.
- **Loukonen Dairy Farm, Parcel F:** 2019 CIP. Fence off portions of the Dake Ditch/ephemeral drainage for Prebles meadow jumping mouse habitat.
- **South Branch, St. Vrain Creek:** 2020 CIP. Funds will be used to restore the South Branch Ditch, a historical tributary of the St. Vrain Creek that runs through several BCPOS properties (Braly, Ramey, Western Mobile). This area is one of the best habitats for the federally threatened Preble's Meadow Jumping Mouse in Boulder County.
- **Ag Wildlife Habitat:** 2020-2021 CIP. Wildlife habitat and pollinator projects on agricultural properties: Swanson, Ertl, Puma, Montgomery Farms, AHL.

7. **Road/Social Trail Closure:** 2020-2021 CIP. Closing social trails/roads in partnership with USFS on the West Magnolia area and Reynolds Ranch property and in conjunction with building sustainable trails in other locations.

Open Space Advisory Board TENTATIVE* Board Items Calendar

(Updated July 31, 2019)

September 11, 2019	October 9, 2019	November 13, 2019
<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Joint Meeting with Superior <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <ul style="list-style-type: none"> • Conoco Phillips Development Review • Transportation Master Plan Update • Storm Water Quality Master Plan <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Open Space Program SWOT Analysis • CSU Weed Study Update <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Prescribed Fire Update • Review Department Trail Priorities & Make Recommendations on New Trails • Hecla to Waneka Trail • Dutch Creek/Elephant Park Design and Potential Impacts to Open Space <p>Updates/Discussion from the Board:</p> <ul style="list-style-type: none"> • Social Trails in Open Space
December 11, 2019	January 8, 2020	February 12, 2020
<p>Action Items:</p> <ul style="list-style-type: none"> • Finalize City Wide Trail Priorities <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Dog Park Siting Guidelines Process • OSAB Accomplishments <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <ul style="list-style-type: none"> • Agenda Posting Locations • Officer Elections <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Introduce New Board Members • Update OSAB Member Contact List • Distribute Open Government & Ethics Pamphlet • Finalize OSAB Accomplishments • Draft OSAB 2020 Goals <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <ul style="list-style-type: none"> • Finalize OSAB 2020 Goals <p>Updates/Discussion from the Department:</p> <p>Updates/Discussion from the Board:</p>

*All items are subject to change. A final version of the agenda is posted on the web during the week prior to the OSAB meeting.