



Parks and Open Space

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

December 21, 2016

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. We are happy to provide hard copies upon request. Please return Attachment A: open space, trails, and GIS request forms by Friday, March 31, 2017.

This year we welcomed Eric Lane as our new Parks and Open Space Director. 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.

Sincerely,

Eric Lane
Director

Tina Nielsen
Special Projects Manager

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

- A. 2016 Open Space, Trail & GIS Request Form
- B. 2015 Community Open Space Requests: Summary and Status Report
- C. 2015 Community Trails Requests: Summary and Status Report
- D. 2017-2022 CIP project spreadsheets
- E. 2017-2022 CIP Project Descriptions

2016 Community Trails, Open Space and GIS Requests

Please return your information by Friday, March 31, 2017.

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 property owner or location, acreage 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: *2015 Community Open Space Requests — Summary and Status Report* for responses to 2015 requests.

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. **Please list projects numbered in order of priority**, even if you have submitted them in a previous year. Refer to Attachment C: *2015 Community Trail Requests — Summary and Status Report* has responses to 2015 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.

2015 Community Open Space Requests Summary and Status Report

ATT B

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 2015-2016 open space acquisitions, and gives an update and status report relating to each incorporated community’s 2016 requests.

Summary of Community Open Space Requests for 2016

City of Boulder (no new requests)Page 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
3. Parcels identified in the OSMP Acquisition Plan

Town of Erie (no new requests).....Page 3

1. Open Space Map B, Wheeler
2. Open Space Map S, three parcels along East side of 119th St. North of Jasper Rd
3. Open Space Map M, Three parcels NW intersection of Baseline Rd. and East County Line Rd.
4. Open space Map R, six parcels along south side of Jasper Rd and north of Union Pacific RR tracks
5. Open Space Map Q, three parcels south of Jasper Rd and south of Union Pacific RR tracks
6. Open Space Map F, Coal Creek floodplain and agricultural land

City of Lafayette (one new request)Page 7

1. Areas C and D (Mayhoffer Farm)
2. Area J and Area L (Wetlands Complex at State Highway 7)
3. Area H (SW ¼ of Section 29, T1N, R69W)Area I (in the SE ¼ of section 28, T1N, R69W)
4. Area I (in the southwest ¼ of Section 28, T1N, R69W)
5. (NEW) Area N (East of Warembourg Farm and West of Rock Creek Open Space).

City of Longmont (new request)Page 9

1. Olander Family Trust and Double Six Ranch LLC, north and east of Union Reservoir

City of Louisville (no new requests)Page 10

1. Mayhoffer Property
2. Highway 42 and Coal Creek
3. Highway 287 and Coal Creek
4. 96th St. and Dillon Road

Town of Superior (no new requests)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., SE of Verhey property)

Note: The following communities did not submit new open space acquisition requests for 2016:

- Town of Jamestown
- Town of Lyons
- Town of Nederland
- Town of Ward

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 (No new requests)

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

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

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

Status: Boulder County is willing to work with the City of Boulder on mutual goals for stream restoration projects on Left Hand Creek and Boulder 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 working with the City of Boulder on mutual acquisition goals as outlined in the city’s Acquisition Plan.

Town of Erie (No new requests)

1. **Open Space Map B**, confluence of Boulder and Coal Creek, Jack & Donna Wheeler (now the Estate of Jack Wheeler). 230 acres located at the southwest corner of East County Line Road and State Highway 52. Adjacent to lands owned by Boulder County for conservation/preservation. Confluence of Coal Creek and Boulder Creek. Provides land for a critical trail connection from Erie's trail network to the St. Vrain Legacy Trail and Colorado Front Range Trail. Portions of the property rank very highly in Erie's Natural Areas inventory. Identified among the highest value land for potential open space values in the PROST Master Plan. 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 acquisition and/or preservation efforts. Erie is also interested in collaborating with Boulder County in pursuing grant funding opportunities or conservation donations to facilitate the preservation of this property. Boulder County Assessor's Valuation: Actual - \$739,900; Assessed - \$91,613

Status: Boulder County is under contract to acquire this property and is willing to partner with Erie by giving Erie a conservation easement in exchange for help with funding.

2. **Open Space Map S.** Three parcels along East side of 119th St., North of Jasper Rd. Allan Farms, LLC; Gene Wade Revocable trust; Sharon Norton. 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.

3. **Open Space Map M,** Three parcels NW intersection of Baseline Rd. and East County Line Rd. Linn McDonald, Millicam Revocable Living Trust, Lafayette 7 General Partnership. 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.

4. **Open space Map R,** six parcels along south side of Jasper Rd and north of Union Pacific RR tracks: Wise Homestead LLC, Viola Carlisle, Annie Pearl Johnson, David and Cari Nicolas. 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 to protect these properties.

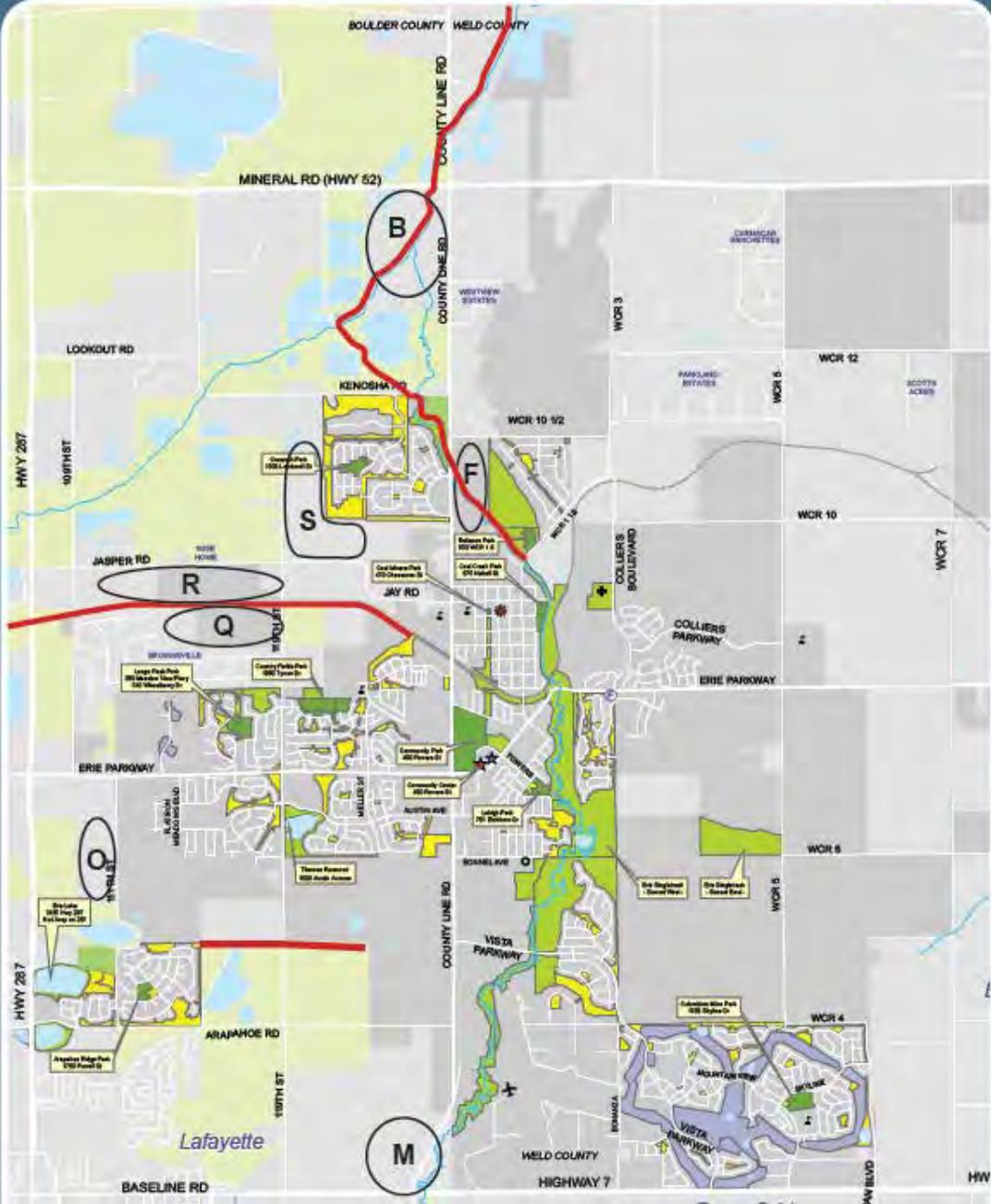
5. **Open Space Map Q.** Three parcels south of Jasper Rd and south of Union Pacific RR tracks: Wise Homestead LLC; Ronald, Scott and Michael Jasper; Elizabeth Kissel. Similar to Map R above, these parcels lie to the south of the UPRR corridor. This significant scenic area provides a unique setting for 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.

6. **Open Space Map F,** Coal Creek floodplain and agricultural land. Michael and Wink Jackson. A portion of the property north of Coal Creek only (54 acres). 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. Acquired by current owner through foreclosure for \$635,000 in January 2010. Town has made initial offer to acquire the property (rejected by the landowner); negotiations are continuing. Erie seeks to partner financially with Boulder County on acquisition/preservation efforts.

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

TOWN OF ERIE OPEN SPACE & MAINTENANCE MAP



www.erieco.gov

- AIRPORT
- CEMETERY
- COMMUNITY CENTER
- LIBRARY
- LEON A WURL SERVICE CENTER
- TOWN HALL POLICE STATION
- FIRE STATION

LEGEND

- CREEK
- RAILROADS
- ERIE LAKES
- Erie Owned, Erie Maintained
- Erie Owned, Privately Maintained
- Privately Owned, Privately Maintained
- BOULDER COUNTY O.S.
- TOWN OF ERIE



City of Lafayette Requests & Status Report (One new request)

1. **Areas C and D (Mayhoffer Farm).** Lafayette appreciates the County's continued pursuit of the permanent preservation of this area. Lafayette anticipates partnering with Louisville on any acquisitions in this area since the open space would serve as a buffer between the towns. Area D is Lafayette's seventh- and third-highest (respectively) rated potential open space area in PROST. There are approximately 207 acres under family ownership. This area is of interest for preserving agricultural use, the natural values associated with Coal Creek, and its historical features. It would provide continuity between Lafayette's Coal Creek Corridor Open Space and the jointly-owned Fingru and Harney/Lastoka Open Space properties. Lafayette also believes an opportunity for an ADA accessible trail connection along Coal Creek is a possibility with this acquisition.

Status: Boulder County will continue to pursue acquisition of the Mayhoffer property in partnership with Lafayette and Louisville.

2. **Area J and Area L. Wetlands complex at State Highway 7 (East Baseline Road) and County Line Road.** Same as Erie #3. These areas are the second- and fourth-highest (respectively) rated potential open space areas in PROST. The bulk of the area south of the highway is under one ownership. North of the highway there are several smaller properties with some sizable tracts. The wetlands run both south and north of Highway 7 for approximately one mile. This wetlands area is well known and merits preservation. It is our understanding that it 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 the newly improved Flagg Park trailhead, the large wetlands complex, Old Town Pond, and Lafayette's Great Park. Both the Town of Erie and Boulder County have expressed interest in partnering in the preservation these National Priority Wetlands. Lafayette would welcome Boulder County in taking the lead in preservation of this complex system of ownership.

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

3. **Area H (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. 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.

4. **Area I (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 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 a West/East trail link between communities within Boulder County.

Longmont Requests & Status Report (New Request)

1. **(NEW) Two Parcels north and east of Union Reservoir.** 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 Double Six Ranch LLC property. These properties lie south of Ute Highway (SH66) and just west of Weld County Road #5. 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. These acquisitions would include approximately 225 acres. See Map #1

Status: Boulder County is willing to discuss a partner acquisition effort.



Louisville Requests & Status Report (No new requests)

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 will continue to pursue acquisition of the Mayhoffer property in partnership with Louisville and Lafayette.

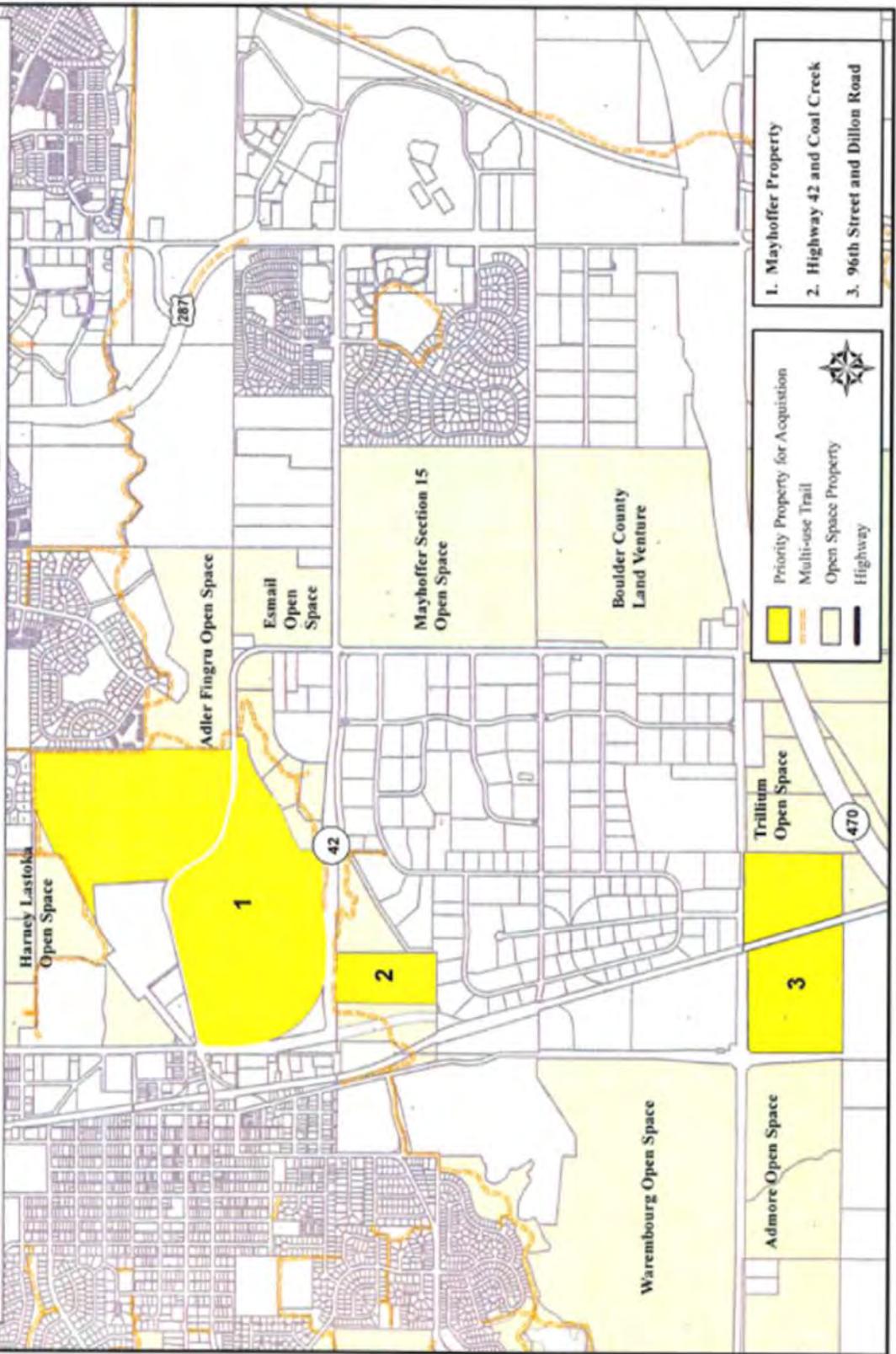
2. **Highway 42 and Coal Creek.** This area is approximately 18 acres in size and is located south of Highway 42 between two existing Louisville Open Space properties. The property is also adjacent to the regional Coal Creek trail, is within the Coal Creek riparian corridor and was designated as a ‘Significant 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 property is located within Louisville’s influence area in the Super IGA. If Louisville is able to negotiate purchase of this property, 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 available, but nothing is happening at this time.

Louisville Parcel Requests 2016



1. Mayhoffer Property
2. Highway 42 and Coal Creek
3. 96th Street and Dillon Road

Priority Property for Acquisition
 Multi-use Trail
 Open Space Property
 Highway

Superior Requests & Status Report (No new requests)

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: 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.

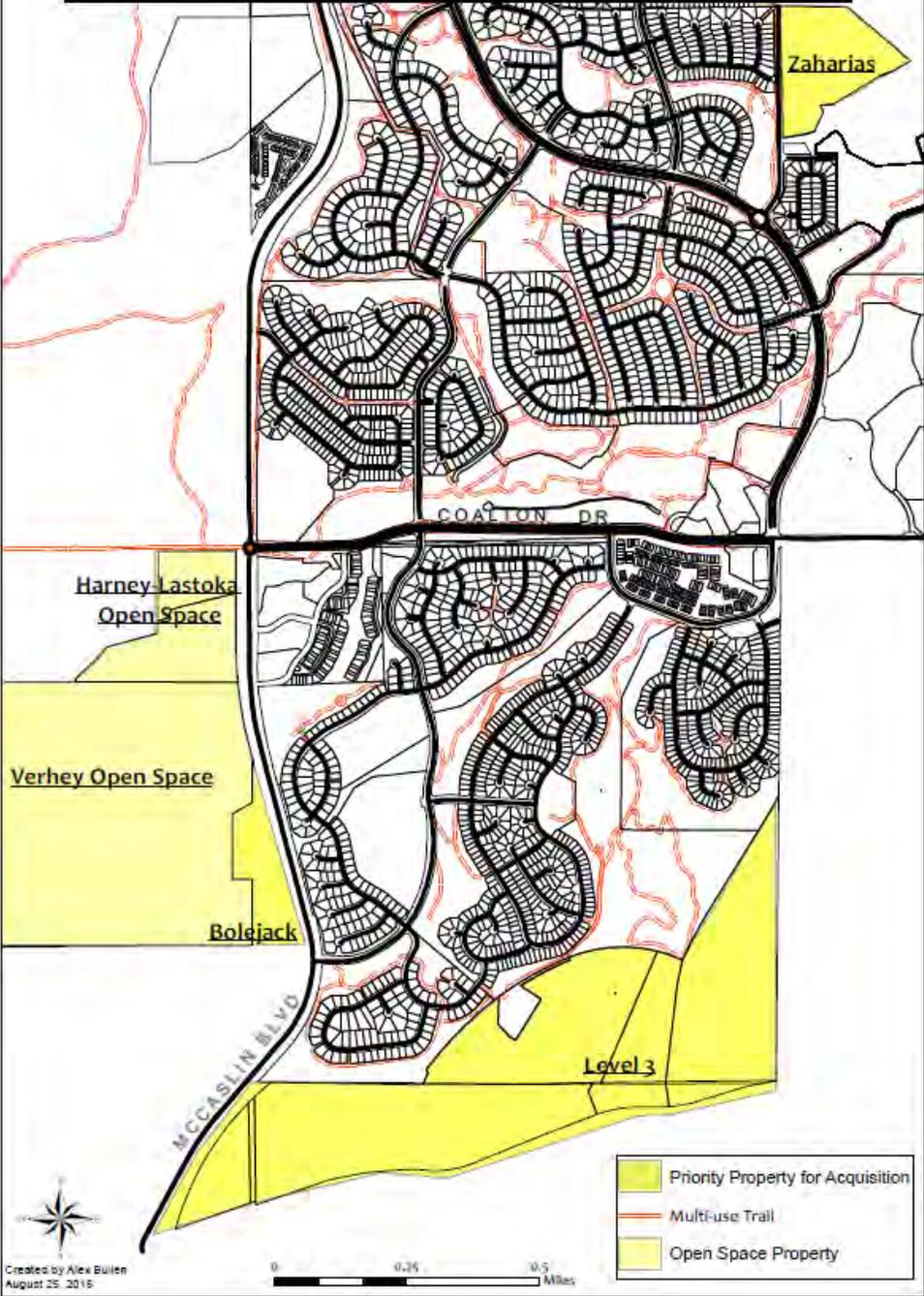
Description: The primary uses of this property include private residential, horse pasture, and an industrial equipment repair business.

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.

Town of Superior Parcel Requests 2016



2015 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 2016 trail requests, as well as for requests received in previous years. Note: no trails requests were submitted by Jamestown or Ward.

City of BoulderPage 3

1. Heil Valley Ranch Connector (NEW)
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

EriePage 5

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

LafayettePage 8

1. 104th Street Trail Connector
2. Northern Regional West Trail
3. 119th Trail East to Coal Creek/Rock Creek (NEW)

LongmontPage 10

1. St. Vrain Greenway to west of Longmont
2. Lefthand Creek Corridor improvements at 95th St. (NEW)
3. Trails between Dry Creek Community Park and Lagerman Reservoir

LouisvillePage 11

1. Overlook underpass Trail connecting Davidson Mesa to the Mayhoffer-singletree Trail
2. 104th St. Trail Connecting Coal Creek Trail with Rock Creek Trail
3. Dillon Road Crossing and Trail Segment- Connecting Coal Creek Trail to the City of Louisville Power Line Trail (NEW)

LyonsPage 14

1. Lyons St. Vrain Corridor Trail Extension to Route 36
2. Lyons to Boulder Trail
3. St. Vrain Greenway Trail
4. Lyons to Rabbit Mountain Connector Trail
5. Lyons to Hall Ranch Connection
6. Steamboat Mountain public access
7. Underpass/Trail for Apple Valley Road at Bridge/Crossing

NederlandPage 17

1. County Road 130 Connector Trail to Nederland High School
2. Tungsten Trail Improvements (NEW)

SuperiorPage 19

1. Trail connection from proposed 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
2. (tie) Trail connection added to Meadowlark Trail at western-most point to link with Coalton Trail to the south
3. Link Shan-shan property and Meadowlark Trail
4. Improve surface and safety of Coalton Trail to be consistent with Meadowlark Trail
5. Link Mayhoffer Singletree and Coal Creek Regional Trail
6. Coalton Trail South to HW 128 and west to 66th St.
7. Add access to the Meadowlark Trail off McCaslin Boulevard north to existing Meadowlark Trail

Background

Boulder County Parks and 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 and Open Space Department focuses on the development of recreational and educational trails on open space properties. Funding is through a portion of the Parks and Open Space sales tax and the use is restricted to eligibility within that fund. Project priorities come through the Parks and 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.

Ongoing Impacts of the September 2013 Flood

The historic flood in September 2013 caused severe damage to the County's parks and trails infrastructure. The most costly damages are to the stream corridor, reservoirs and irrigation infrastructure along St. Vrain Creek, with a repair estimate of \$50 million. County trails and facilities in the foothills and eastern portions of the county sustained damages ranging from relatively minor erosion to total destruction, with repair costs estimated at nearly \$2.4 million on trails, facilities and structures. A huge amount of staff time has been reallocated to flood recovery work, and as a result, the County has had to scale back on some other projects, including CIP work. The domino effects are still playing out as we work to catch up from the delays in 2014, and though tapering off, these effects will continue for a couple more years.

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 or boards.

City of Boulder OSMP 2015 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 and 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>Status From OSMP: An interim trail has been constructed between US36 and Olde Stage Road on the OSMP Joder Property. An interim trailhead with parking for bikes, cars, horse trailers and buses was constructed near US36 at the Joder property entrance. Boulder County's cooperation and support were critical for design and planning of the trail/roadway connections at both ends of the trail, as well as the design and siting of the interim parking area. Thank you!</p>	POS	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 anticipate late 2017 or 2018 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.
2	<p>Extension of Boulder Creek Path to Chapman Drive. This is another critical and highly desired multi-use trail connection. Recently OSMP opened a multi-use trail using Chapman Drive. Chapman Drive connects Boulder Canyon with Flagstaff Drive, giving trail users another reason to travel west from Boulder up Boulder Canyon. The extension of the Boulder Creek Path to the Chapman Trailhead could also provide connections to Boulder County Parks and Open Space Betasso Preserve trail system. OSMP and the County have jointly commissioned a preliminary feasibility study for this extension. The conceptual design uses highway right-of-way. Preliminary cost estimates range up to \$5.5M. The County has recently been awarded a RAMP grant in the amount of about \$4.4M to design and build this trail extension. Construction is planned for 2016.</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. Also under study is a spur along Fourmile Canyon that may provide a new connection to Betasso Preserve.</p> <p>http://www.bouldercounty.org/roads/construction/pages/boulder-creek-path-extension-project.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>	TR	<p>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 IBM Connector Trail is expected to open to the public by Summer 2017. The Twin Lakes Trail Connection is expected to begin construction in Fall 2017 and be completed in 2018. 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>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>The County supports a connection between Eldorado Canyon State Park and Walker Ranch. Working with the City of Boulder and Colorado Parks and Wildlife, Boulder County began an effort to study potential alternative trail alignments for such a connection and 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. in May 2014 to conduct a multi-use trail study for Eldorado Canyon State Park to Walker Ranch. The trail feasibility study is ongoing.</p>
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Town of Erie 2015 Requests		Lead	Status
1	<p>Map T1 – 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>	Erie	<p>BCPOS does not currently have management plans for the county owned properties in this area. In addition, part of the area for this request is a conservation easement and the county is not the owner. BCPOS will need to work with the Town of Erie to better understand this request and possible collaboration.</p>

2	<p>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.)</p>	POS	<p>The Wheeler Ranch acquisition was approved by the BOCC in 2016 and is currently under contract. 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>
3	<p>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.</p>	TR	<p>The Union Pacific (UP) 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 first step in trail development will be an environmental study of the corridor as part of a master planning process. The UP 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. The County hopes to begin a master planning process in 2017 to identify needs, opportunities and constraints of constructing a regional trail in that area.</p> <p>http://www.bouldercounty.org/roads/plans/pages/unionpacifictrail.aspx</p>
4	<p>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.</p>	Erie/ POS	<p>See response to Erie Request #1.</p>

TOWN OF ERIE OPEN SPACE & MAINTENANCE MAP



www.erieco.gov

- AIRPORT
- CEMETERY
- COMMUNITY CENTER
- LIBRARY
- LEON AVIARL SERVICE CENTER
- TOWN HALL POLICE STATION
- FIRE STATION

LEGEND

- CREEK
- RAILROADS
- ERIE LAKES
- Site Owned, Site Maintained
- Site Owned, Privately Maintained
- Privately Owned, Privately Maintained

- BOULDER COUNTY O.S.
- TOWN OF ERIE



City of Lafayette Parks, Open Space & Golf 2015 Requests		Lead	Status
1	<p>104th Street Trail Connector – 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 impediments to moving forward with planning and construction. As an interim step to completing the entire trail, Lafayette has indicated a desire to construct the portion of the alignment along the west side of the jointly-owned Mayhoffer 15 property between SH42 and Cherry St. A design for this portion of the trail can be done when the partners decide to make it a priority. As the timeframe for the reconfiguration of the road crossings is identified by Louisville and the parties come to agreement on the location of the alignment, a new target date for grant submission can be established.) Boulder County anticipates Louisville and Lafayette taking the lead on this project.</p>

2	<p>Northern Regional West Trail. 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 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 the established trail systems to the west at Teller Farm and to the east in Erie. 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 is 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. The county recommends Lafayette check with City of Boulder OSMP to find out about their East Trail Study Area planning process. Once the planning process is completed, it would be appropriate for Lafayette to engage the county in further discussions.</p>
3	<p>119th Trail East to Coal Creek/Rock Creek – A trail from Lafayette’s current Dog Park on 119th St ., east through Agricultural property out to Coal Creek/Rock Creek Trail North of Powers’ Marsh (Area J). This potential connection would serve the mid-section of Lafayette, and connect Open Space Property on the north side of town, to regional trails on jointly owned property on the Eastern prairie. An older railroad grade exists that may be one potential route east. Lafayette would welcome both the County and the Town of Erie as potential partners in this trail project</p>	POS	<p>BCPOS does not currently have management plans for the county owned properties in this area. We would welcome greater dialogue to further understanding and potential collaboration with the City of Lafayette and Town of Erie.</p> <p>See also response to Town of Erie request #1.</p>

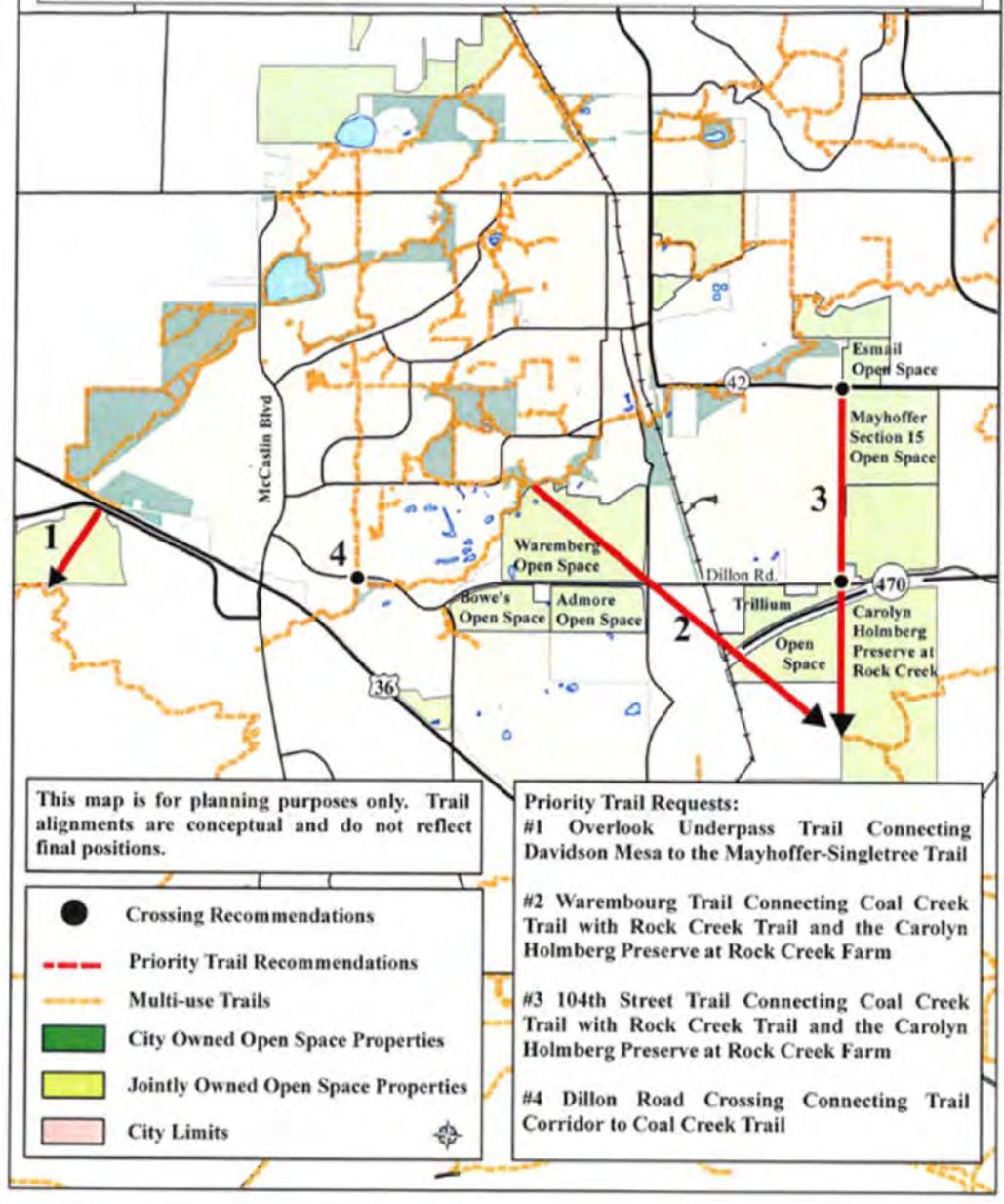
City of Longmont 2015 Requests		Lead	Status
1	<p>St. Vrain Greenway. The City of Longmont would request continued development of the St Vrain Greenway, in a westerly direction; in particular, providing financial support for trail development west of Golden Ponds to Airport Road, and eventually to Pella Ponds, if the City and County do not receive funding through the National Disaster Resiliency Competition. Additionally, this request includes a trail connection north to Lake McIntosh.</p> <p>The City is also requesting the County negotiate a trail alignment to 17th Avenue and potentially participate in an underpass at 17th Avenue. This connection between the St Vrain Greenway and Lake McIntosh would accomplish a significant County / City connection.</p>	POS & TRANS	<p>Boulder County Transportation, Parks and 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. POS is currently repairing flood damage to the Pella Ponds trail system. 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 2017-18. Once complete, Boulder County may be ready to reapply for GOCO funding and begin construction of the trail segment between Airport Road and Pella Ponds. 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.</p>
2	<p>Lefthand Creek Corridor improvements at 95th Street. The City of Longmont is requesting assistance with stabilization and riparian improvements within the Lefthand Creek corridor to ensure safe trail passage along this corridor, along the LOBO trail, under the 95th Street bridge and continuing east to the confluence of the St Vrain Creek. Stream sediment upstream of Longmont continues to be a burden downstream. Stream bank stabilization and corridor improvements upstream from Longmont would protect the flood basin capacity, enhance the trail experience and protect downstream habitat and infrastructure.</p>	TR	<p>Boulder County Transportation is working with the POS department and the City of Longmont to address this issue. There are a number of creek restoration projects occurring upstream of this location, the sum of which will hopefully reduce the amount of sediment and debris flowing through and under the 95th Street Bridge.</p> <p>Parks & Open Space will complete the Bielins-Hock stream stabilization project in 2017 to address bank stabilization.</p> <p>On-going communication is planned with respect to sedimentation issues.</p>

3	<p>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 these connections would prove to be an asset to the citizens of Longmont as well as those citizens in unincorporated Boulder County.</p>	POS	<p>Construction of the AHI Loop Trail has been ongoing in 2016 with an expected opening in spring of 2017. The 75th Street pedestrian crossing at Pike Road was completed in 2016.</p>
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City of Louisville 2015 Requests		Lead	Status
1	<p>Overlook Underpass Trail- Connecting Davidson Mesa to the Mayhoffer-Singletree Trail: The underpass at this location is currently under construction and is likely to be complete this fall (2015). The underpass will enable 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 potential future trail construction. Currently, Louisville staff prefers the following three alignments options: West side of the community Ditch, East side of the Community Ditch and Ridgetop.</p>	POS TR	<p>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. Similar to Superior Request #1.</p>
2	<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. This Boulder Valley Comprehensive Plan has this recorded as a conceptual trail corridor.</p>	POS	<p>POS is willing to work with Louisville to evaluate trail routes in this area. Challenges include possible agricultural impacts, gaps in land ownership, and funding. Boulder County anticipates that Louisville will take the lead on this project.</p>

3	<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 Sterns Lake trailhead.</p>	L'ville/ Laf/ POS	<p>Same as Lafayette #1. The crossings of SH42 and Dillon Road remain the primary impediments to moving forward with planning and construction. As an interim step to completing the entire trail, Lafayette has indicated a desire to construct the portion of the alignment along the west side of the jointly-owned Mayhoffer 15 property between SH42 and Cherry St. A design for this portion of the trail can be done when the partners decide to make it a priority. When the timeframe for the reconfiguration of the road crossings is identified by Louisville and the parties come to agreement on the location of the alignment, a new target for a grant application can be submitted.</p>
4	<p>Dillon Road Crossing and Trail Segment- Connecting Coal Creek Trail to the City of Louisville Power Line Trail: Subject to approval by the City of Louisville Public Works Department, this trail and road crossing would link the regional Coal Creek trail to Louisville's most direct North/South primary trail. This connection would link commuters/trail users to Fireside Elementary, Coal Creek Elementary, the Recreation & Senior Center and South Boulder Road.</p>	TR	<p>The project is not currently on the list of funded Regional Trails Sales Tax projects. Boulder County Transportation is willing to work with the City on planning and design.</p>

Louisville Trail Requests 2016



Town of Lyons 2015 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>From 2013 Status Report:</p> <p>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> <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	TRANS	<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> <p>2016 Update: Additional options may come up in the planning process for the Rocky Mountain Greenway Phase 2.</p>
3	St. Vrain Greenway Trail		<p>Boulder County Transportation, Parks and Open Space and Longmont Open Space have worked together to design a trail connection between Golden Ponds and Pella Crossing. POS is currently repairing flood damage to the Pella Ponds trail system. With the annexation of the Golden property into Longmont, the City of Longmont is planning to design and construct portions of the trail in 2017-18. Boulder County is working to secure necessary property easements and review the design in light of recent POS acquisitions. Once complete, Boulder County may be willing to reapply for GOCO funding and begin construction of the trail segment between Airport Road and Pella Ponds.</p>
4	Lyons to Rabbit Mountain connector trail	POS	<p>From 2013 Status Report: This potential trail connection will be considered in the Rabbit Mountain Management Plan update, which began in 2013, but is currently on hold because of shifts in department priorities and workloads caused by the 2013 flood.</p> <p>2016 update: This project is not currently on the Parks and Open Space CIP and is tentatively scheduled to start in the 2018-2020 timeframe.</p>
5	Lyons to Hall Ranch connection along Old South Road or State Highway 7		<p>From 2013 Status Report: The Hall II property sustained extensive damage in the 2013 flood. The North Foothills Open Space Management Plan Update was scheduled for 2014-2015, but is currently on hold due to flood recovery work. The update will include evaluating trail options and wildlife habitat protection. Funding for improvements identified in the plan is included in the Recreation and Facilities CIP in 2017, but the timing will likely be pushed back.</p> <p>2016 Update: NFOS Management Plan update planning timing dependent on quarry reclamation and bridge repair, possible high cost.</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 problematic. 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 and Open Space CIP or identified in our planning schedule.</p>
7	Underpass/Trail for Apple Valley Road at Bridge/Crossing	TR	<p>From 2013 Status Report: Boulder County has no funding for this underpass, but is willing to support the Town of Lyons in discussions with the Colorado Department of Transportation.</p>

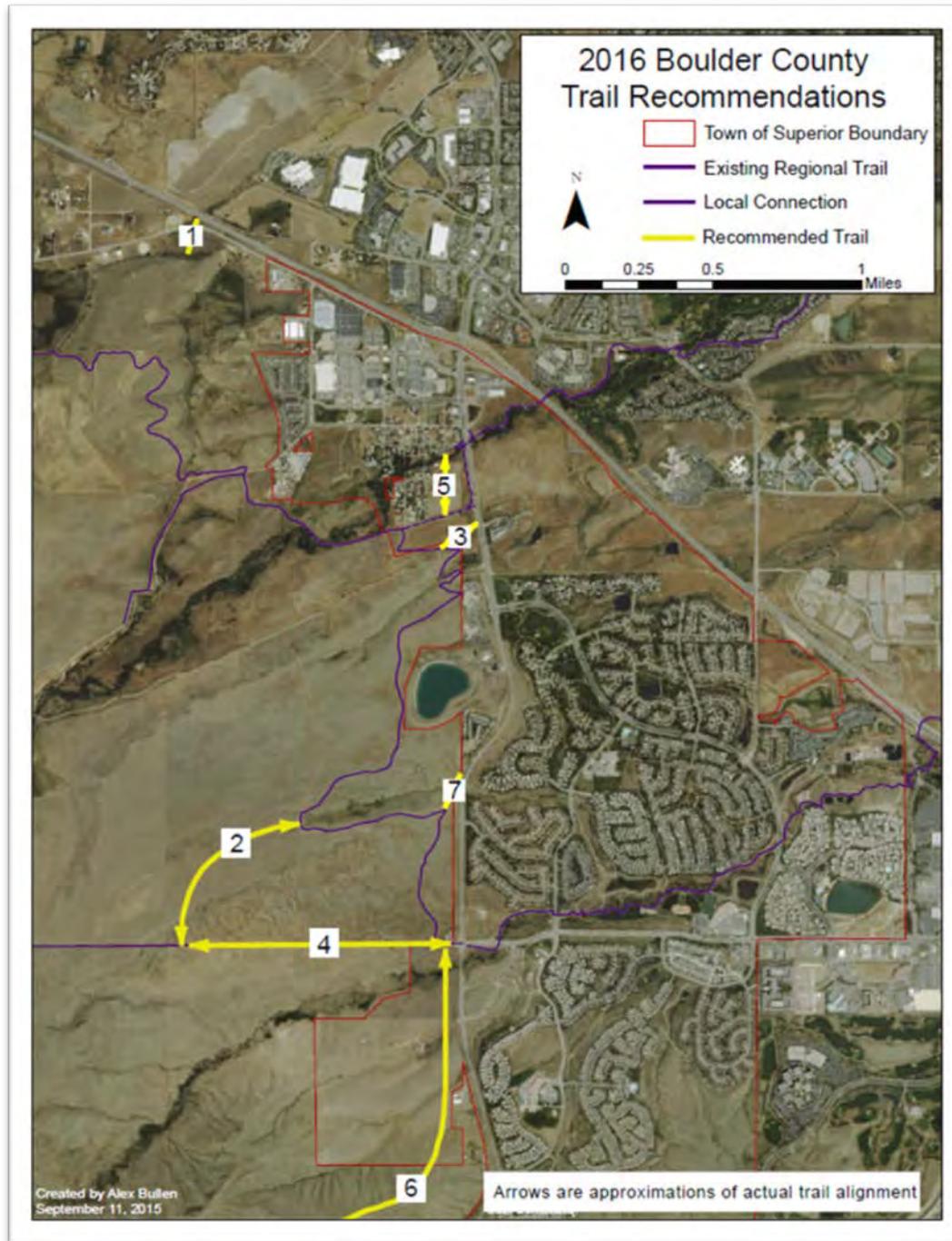
Town of Nederland 2015 Requests	Lead	Status
<p>1 County Road 130 Connector Trail to Nederland High School.</p> <p>This multi-use trail along County Road 130 will connect the town of Nederland to Nederland Middle/Senior High School and National Forest trails. The trail will stay within the County right-of-way. 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> 	<p>TR</p>	<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>

<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 2015 Requests		Lead	Status
1	US 36-Davidson Mesa Trail Connection. A safe trail connection from the proposed US 36 Underpass at Davidson Mesa, with a crossing at Marshall Road to link to the larger regional trail system. The Crossing must focus on safety considering the high speed of vehicle traffic traveling on Marshall Road. With the completion of the proposed underpass, a safe, direct trail connection between Mayhoffer Singletree Trail and Davidson Mesa trail system could be created. This connection would enhance access to the Coal Creek/Rock Creek Regional Trail system and the Hwy. 36 Bikeway.	POS	BCPOS has participated in discussions with Louisville and the Town of Superior about a possible connection to the Mayhoffer-Singletree trail and is committed to finding a solution that will work for all agencies involved.
2	Meadowlark-Coalton Trail connection. Trail connection added to Meadowlark Trail at its western-most point to link with Coalton Trail to the south. This trail would add a second, and significantly more direct, connection between Meadowlark Trail and Coalton Trail without requiring users to travel a circuitous route to reach Coalton Trailhead.	Sup	This western alignment option was evaluated and rejected in the “Marshall-Superior-Coalton Trail Corridor Management Plan.” The explanatory notes from the plan, page 21, are excerpted below: Western Alignment (2 options) <ul style="list-style-type: none"> • Difficult or impossible to meet federal, county and city design guidelines (existing grades exceed 15 %.) • Potential negative impacts to wildlife, fragments habitat, trail users visible on top of hill • Provides circuitous route as connection to Coalton Trail; is nearly a mile from McCaslin
3	Shan Shan Chu to Meadowlark Trail. Trail connection from Shan-Shan Chu property south to existing Meadowlark Trail. This trail would 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	Trail connections in this area were addressed by 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.
4	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	Trails in the area south of Coalton Road will be considered as part of the South County Grasslands Management Plan, scheduled to kick off in the next 2-4 years.

5	<p>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.</p>	TR	<p>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.</p>
6	<p>Coalton Trail South to Hwy 128 and west to 66th Street. This trail recommendation would 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>Trails in the area south of Coalton Road will be considered as part of the South County Grasslands Management Plan, scheduled to kick off in the next 2-4 years.</p>
7	<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 that leads from McCaslin Boulevard north of Christenson Ave. to the existing Meadowlark Trail.</p>	Superior	<p>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 2017 Capital Improvement Projects

		2017				
		2016 Carryover	Grants	Partner/ Other	CIP	Total
Recreation & Facilities						
1	Lagerman / Imel / AHI Recreational Improvements	\$200,000	\$0	\$0	\$0	\$200,000
2	Castle Rock Recreation Site Improvements	\$26,000	\$130,000	\$0	\$10,000	\$166,000
3	Heil 2 Improvements	\$0	\$0	\$0	\$120,000	\$120,000
4	Cardinal Mill Access	\$19,000	\$0	\$0	\$10,000	\$29,000
5	Toll Property Trail	\$0	\$0	\$0	\$5,000	\$5,000
6	Anne U. White Trailhead	\$0	\$0	\$0	\$5,000	\$5,000
	Recreation & Facilities CIP Subtotal	\$245,000	\$130,000	\$0	\$150,000	\$525,000
Recreation & Facilities Other Funding						
7	Niwot / Left Hand Valley Grange Johnson Park CIL	\$0	\$0	\$187,000	\$0	\$187,000
	Other Recreation & Facilities Funding Subtotal	\$0	\$0	\$187,000	\$0	\$187,000
	Recreation & Facilities CIP Subtotal	\$245,000	\$130,000	\$187,000	\$150,000	\$712,000
Historic Preservation						
1	Tumblison House Repairs	\$95,000	\$0	\$0	\$0	\$95,000
2	Heil 2 Corral Area	\$0	\$0	\$0	\$35,000	\$35,000
3	Rocky Mountain Mammoth Mine 1976 House	\$0	\$0	\$0	\$35,000	\$35,000
4	Altona School Public Access	\$0	\$0	\$0	\$30,000	\$30,000
	Historic Preservation Subtotal	\$95,000	\$0	\$0	\$100,000	\$195,000
Public Education						
1	Offero Volunteer Management Software	\$40,000	\$0	\$0	\$0	\$40,000
2	Ag Heritage Center Exhibits	\$0	\$0	\$0	\$25,000	\$25,000
3	Altona School House Furnishings	\$0	\$0	\$0	\$10,000	\$10,000
4	Trailside Interpretive Panels	\$0	\$0	\$0	\$5,000	\$5,000
5	Park Visitor Educational Campaigns	\$0	\$0	\$0	\$5,000	\$5,000
6	Educational Exhibits	\$0	\$0	\$0	\$5,000	\$5,000
	Public Education CIP Subtotal	\$40,000	\$0	\$0	\$50,000	\$90,000
Agricultural Resources						
1	Eddy - Lateral Sprinkler*	\$0	\$95,195	\$25,664	\$56,413	\$177,272
2	Darby - center pivot 2	\$0	\$0	\$80,000	\$36,138	\$116,138
3	Bishop - irrigation pipeline & sprinkler	\$0	\$41,750	\$15,000	\$32,449	\$89,199
	Ag CIP Subtotal	\$0	\$136,945	\$120,664	\$125,000	\$382,609
Forestry/Fire CIP						
1	Ponderosa/Forest Restoration Large-Scale Treatments	\$0	\$0	\$0	\$115,000	\$115,000
2	Ponderosa/Forest Restoration Small-Scale Treatments	\$0	\$31,610	\$0	\$15,000	\$46,610
3	Prescribed-Fire/Activity Fuels Projects	\$0	\$0	\$0	\$50,000	\$50,000
4	Access Road Completion & Maintenance	\$0	\$0	\$0	\$5,000	\$5,000
5	Weed Management/Post-Reclamation Work	\$0	\$0	\$0	\$15,000	\$15,000
	Forestry CIP Subtotal	\$0	\$31,610	\$0	\$200,000	\$231,610
Ecosystems						
1	Flood Restoration	\$86,000	\$42,750	\$750,000	\$76,500	\$955,250
2	Native Plant Propagation	\$0	\$1,600	\$0	\$23,500	\$25,100
3	Grassland Restoration	\$0	\$0	\$0	\$36,000	\$36,000
4	Wildlife Habitat Restoration	\$0	\$0	\$0	\$14,000	\$14,000
	Ecosystems CIP Subtotal	\$86,000	\$44,350	\$750,000	\$150,000	\$1,030,350
	Grand Total	\$466,000	\$342,905	\$1,057,664	\$775,000	\$2,641,569

		2017				
		2015 Carryover	Grants	Partner/ Other	CIP	Total
I.	Recreation & Facilities CIP Subtotal	\$245,000	\$130,000	\$187,000	\$150,000	\$712,000
II.	Historic Preservation Subtotal	\$95,000	\$0	\$0	\$100,000	\$195,000
III.	Public Education CIP Subtotal	\$40,000	\$0	\$0	\$50,000	\$90,000
IV.	Ag CIP Subtotal	\$0	\$136,945	\$120,664	\$125,000	\$382,609
V.	Forestry CIP Subtotal	\$0	\$31,610	\$0	\$200,000	\$231,610
VI.	Ecosystems CIP Subtotal	\$86,000	\$44,350	\$750,000	\$150,000	\$1,030,350
	Grand Total	\$466,000	\$342,905	\$1,057,664	\$775,000	\$2,641,569

Recreation & Facilities Capital Improvement Projects 2017-2022

RAF CIP: \$150k	2016		2017			2018	2019	2020	2021	2022	Project Descriptions
	Carryover	Grants	Partner/Other	CIP	Total 2017						
1 Lagerman / Imel / AHI Recreational Improvements	\$200,000				\$200,000		GA	\$70,000	\$150,000		AHI Loop trail construction. BATCO provided total of \$10,000; GOCO trails grant \$200,000. CIP funding \$620,000. 2016 includes 3+miles of trail material in place, spillway trail work, trail into Lagerman trailhead, bridge, 75th Street pedestrian crossing. Total project budget of \$820,000 over two+ years for AHI Loop. 2019 apply for trails grant for southern trail connection.
2 Castle Rock Recreation Site Improvements	\$26,000	\$130,000		\$10,000	\$166,000						Existing bridge structural improvements. 2016 funding for documentation related to permitting and needed grant cash match. Awarded grant from CDOT in 2016. Improvements are scheduled for 2017 after high flows in the creek occur.
3 Heil 2 Improvements				\$120,000	\$120,000	\$100,000					Implementation of Heil 2 Small Area Plan. Limited Impact for Altona School area will be submitted by early 2017. Funding would be utilized for permitting, bridge design/construction, trail, and parking lot in 2017. 2018 would finish improvements related to access including a restroom, kiosk, trail, and main trailhead parking lot revisions.
4 Cardinal Mill Access	\$19,000			\$10,000	\$29,000						Public access to Mill Site. Coordinate with Historic Preservation (Additional approximate \$15,000 carryover from Historic CIP 2015). Land Use permitting is underway. Current estimate is \$25,000 for site work and upper and lower viewing pods. Lighting/electrical needs may increase cost.
5 Toll Property Trail				\$5,000	\$5,000	\$5,000	\$5,000	\$5,000			2017 funding is expected match for planning grant agreement that will provide final design and layout, construction documents, and implementation strategy. Plan is to submit for a construction grant in fall 2017 and start construction of trail in 2018. Additional funding would include the Michael O'Brien fund.
6 Anne U. White Trailhead				\$5,000	\$5,000						Potential survey work for parking area redesign.
7 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.
8 Ag Heritage Center Irrigation Improvements						\$15,000					Phase 2 implementation of irrigation and site improvements at AHC utilizing in-house labor.
9 Braly Loop Trail, Parking Lot, Trailhead							\$120,000				Potential Fishing is Fun grant. Development of site dependent on flood restoration. Transportation funding of regional restroom (~\$40,000). CIL funding of 48k available for R & F. Donation account 15k.
10 Reynolds Ranch/Rogers/Castle Rock Improvements							\$25,000	\$75,000			Implement approved management plan recommendations. Last year had this scheduled for short-term planning 1-4 years.
11 Hall II Improvements									GA	\$75,000	Implement approved management plan recommendations. Planning scheduled as long term 5+ years to complete.
12 Rock Creek Grasslands Trails									GA	\$75,000	Unknown estimate for trail to Lafayette from Pony Estates subdivision to the confluence area of Rock and Coal Creek. Partner with Lafayette and City and County of Broomfield.
Recreation & Facilities CIP Subtotal	\$245,000	\$130,000	\$0	\$150,000	\$525,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	
Recreation & Facilities other funding											
13 Niwot / Left Hand Valley Grange Johnson Park CIL			\$187,000		\$187,000						Redesign of Parking Lot, restroom, kiosk, and trails at LHVG and Niwot area (including Somerset trail connection). In-kind POS labor, Zone 2 funding, BC Transportation funding for restroom, Colorado State Trails Grant. Current project timing is majority of construction in 2017 with finish of parking area and restroom in 2018.
14 Betasso Connection/Boulder Creek Path						GA					If a trail connection near the intersection of Fourmile Canyon Road and Boulder Canyon Drive is desired, conduct a management plan amendment. Funding needs could be significant for needed infrastructure and easements for a trail that would get to existing Betasso property.
15 St. Vrain Trail Construction to Pella						GA	\$\$\$				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	\$187,000	\$0	\$187,000	\$0	\$0	\$0	\$0	\$0	
Recreation & Facilities CIP Subtotal	\$245,000	\$130,000	\$187,000	\$150,000	\$712,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	

MP=Master or Management Plan scheduled to start during this year. GA=Grant application: grant award and funding in subsequent year.

Cash In Lieu (CIL) Balances as of October 7, 2016

Zone 1 (North of Nelson Road) \$48,986 Use on Braly Loop
 Zone 2 (Nelson to Arapahoe) \$22,105 Distribute money to Somerset and other Niwot area projects
 Zone 2 Johnson Park (funds to be used only on LHVG) \$21,693 Allocate to Lefthand Valley Grange Trailhead improvements

Public Education Five Year Capital Improvement Projects 2017-2022

	Public Education: \$50k	2017					2018	2019	2020	2021	2022	Project Descriptions
		2016 Carryover	Grants	Partner/ Other	CIP	Total 2017						
1	Offero Volunteer Management Software	\$40,000				\$40,000						Offero system is tailor-made software to manage volunteers and events
2	Ag Heritage Center Exhibits				\$25,000	\$25,000		\$30,000		\$35,000		2017 = replace "Faces of Boulder County" exhibit 2019 = Replace "Food" exhibit 2021 = Replace "Tools of the Trade" exhibit
3	Altonal School House Furnishings				\$10,000	\$10,000	\$10,000					Furnish interior of school house so we can "hold class" for local school groups and organizations
4	Trailside Interpretive Panels				\$5,000	\$5,000	\$5,000	\$5,000	\$10,000	\$5,000	\$5,000	2017 = Peck (2 panels), Castle Rock Bridges (1), Walden (1) 2018 = Altona School exterior (1), HVR corrals (1-2), CHP (replace 4) 2019=Harney/Lastoka (2-4), Mud Lake (1-2)
5	Park Visitor Educational Campaigns				\$5,000	\$5,000	\$5,000	\$5,000	\$10,000	\$5,000		Develop annual marketing plan that address park visitor topic that could benefit from a coordinated outreach of trailhead posters, publications, videos and web-based materials.
6	Educational Exhibits				\$5,000	\$5,000	\$5,000		\$10,000	\$5,000	\$5,000	Replace small displays and purchase items needed to enhance educational experiences at various sites including the Hard Rock Mining Museum, Assay Office Museum, Agricultural Heritage Center, Walker Ranch
7	Assay Office Museum Exhibits						\$15,000					Expand assaying exhibits
8	Cardinal Mill Exhibits						\$10,000					Interior exhibits for the top and bottom of mill
9	Braly & Ramey Interpretive Opportunities							\$10,000				Trailside panels along Braly trails (series) and possibly Ramey property (1 panel)
10	Hard Rock Mining Sites (other than museums)								\$25,000			Interpretive panels for hard rock mining driving tour at Rocky Mountain Mammoth Mine, Blue Jay Mine, etc.
11	Nederland Mining Museum Exhibits										\$40,000	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 Capital Improvement Projects 2017-2022

Agricultural Resources: \$125k	2017					2018	2019	2020	2021	2022	
	2016 Carry over	Grants	Partner/ Other	CIP	Total 2017						
1. Center Pivot & Lateral Sprinklers - Conventional											
a. Eddy - Lateral Sprinkler*		\$95,195	\$25,664	\$56,413	\$177,272						Lateral move spirnkler (EQIP & tenant cost share)
b. Henry & Ross- 2 center pivots								\$125,000	\$125,000		two full center pivot with swing arm (EQIP eligible, but tenant cost share questionable)
2. Center Pivot & Lateral Sprinklers - Organic											
f. Darby - center pivot 2			\$80,000	\$36,138	\$116,138						Install smaller center pivot north of existing pivot
e. Bishop - irrigation pipeline & sprinkler		\$41,750	\$15,000	\$32,449	\$89,199						Irrigation pipeline with ground sprinkler system (EQIP & tenant cost share)
d. Ertl - Center Pivot (small)*						\$50,500					small "wiper" center pivot sprinkler - EQIP project
c. Laber, Henry - center pivot*						\$50,000					Wiper center pivot (EQIP)
b. Harney - Mule Barn Conversion to Farm Stand						\$24,500					Improvmnts to allow public inside the existing mule barn 50% cost share
a. AHI - Replace center pivot							\$125,000				Replace existing center pivot for trail alignment Possible alternative funding source ACRE3
g. Haley - install sub-surface drip irrigation										\$125,000	subsurface drip tape and filter system for vegtable farm
3. Livestock Water Augmentation Projects											
a. Mayhoffer - Water Well									\$25,000	\$15,000	2020 Drill well 2021 new electric service 2022 pipeline to Coal Creek or Rock Creek-
Ag CIP Total	\$0	\$136,945	\$120,664	\$125,000	\$382,609	\$125,000	\$125,000	\$150,000	\$140,000	\$125,000	

Annual projects over \$125,000 will be funded by Ag O&M Budget
 *EQIP Funding approved

Forestry-Fire CIP 2017-2022

	Forestry/Fire CIP: \$200,000	2017				2018	2019	2020	2021	2022	Project Descriptions
		2016 Carry over	Grants	Partner/ Other	CIP						
1	Ponderosa /Forest Restoration Large-Scale Treatments >50 Acres										Forest ID Team will work out Details
	Betasso PA2U3-4 (189 acres)					?? by 12/31					Under contract with \$1.3M cap (helicopter logging). 189 Ac @ \$6,878/ac = \$1,050,240 (\$334,240 PDM, \$616kHMGP grant, \$100K CFR Grant, \$41,238 CIP 2016, \$178,522 Carr yover 14,15)
	Heil PA1U1-3 (142 acres) Lichen Loop				\$115,000	\$115,000	\$72,000				Contract, apply for grant, (Priority in County and local CWPP & POS Mgt. Plan) Hope to complete in 2017, however we may need more money due to slopes, we may need to carryover to 2018.
	Walker PA1 U1,3-6 (661 Acres) Meyer's Gulch						\$60,000	\$100,000			Satrt with U1 and U2 and then follow up with rest. Contract, apply for grant, (Priority in County and local CWPP & POS Mgt. Plan)
	Hall PA5 Units 1-6 (226+ acres) Buttonrock Collaborative							\$50,000	\$150,000		Contract, apply for grant, (Priority in County and local CWPP & POS Mgt. Plan)
	Heil PA2U4 (94 acres) East Ochs								\$150,000		Contract, apply for grant, (Priority in County and local CWPP & POS Mgt. Plan)
2	Ponderosa/Forest Restoration Small-Scale Treatments <50 Acres										Forest ID Team will work out Details
	Heil PA13 U2 (98 acres) Pyrite		\$31,610		\$15,000	\$46,610					WRRG Grant to fund \$31,610 for contract grinding of removed material, Match is Operations Staff
3	Mixed-Conifer Forest-Health Large-Scale Treatments >50 Acres										Forest ID Team will work out details
	Caribou PA1 +Sherwood (80 ac)						\$78,000	\$75,000			SFA/WUI Grant would cover position for 2.75 years, \$175K
4	Prescribed-Fire/Activity Fuels Projects										Burning activity fuels from completed(2010-2013) contract mechanical operations
	Heil PA5U8-10,5,1,3 (~400) Wapiti 2	??									May Not be completed in 2015, left as placeholder for carryover (270 Acres)
	Heil PA7U1-6: (260 acres) Ingersol				\$50,000	\$50,000					Burning activity fuels from mechanical operations, Acreage for Rx Burn will be determined later.
	Betasso PA2U1&2 (103 acres) Arkansas/Canyon Loop						\$50,000				Burning activity fuels from mechanical operations, Acreage for Rx Burn will be determined later.
	Walker PA1U3-9 (800 acres)							\$50,000			Burning activity fuels from mechanical operations, Acreage for Rx Burn will be determined later.
	Hall PA7 Unit 3 and 5 (332 ac) Rattlesnake/Nelson Loop							\$50,000			Burning activity fuels from mechanical operations, Acreage for Rx Burn will be determined later.
	Heil (200 acres) Geer Canyon								\$50,000		Burning activity fuels from mechanical operations, Acreage for Rx Burn will be determined later.
	Heil PA5 (400+ acres) Wapiti Revisited									\$50,000	Burning activity fuels from mechanical operations, Acreage for Rx Burn will be determined later.
5	Access Road Completion & Maintenance										Use Road Maintenance or Contract to complete LU approved project
	Hall PA4-7 Road maintenance Access				\$5,000	\$5,000					Temporary Road, Use Road Maintenance or Contract, LU Process
6	Weed Management/Post-Reclamation Work										
	Weeds, Heil				\$7,500	\$7,500		\$15,000			CIP to pay for a seasonal to deal with weed issues associated with Forestry Projects.
	Weeds, Hall				\$7,500	\$7,500					
	Forestry/Fire CIP Subtotal	\$0	\$31,610	\$0	\$200,000	\$231,610	\$200,000	\$200,000	\$200,000	\$200,000	

	Forestry/Fire CIP: \$200,000										
1	Ponderosa /Forest Restoration Large-Scale Treatments >50 Acres	\$0	\$0	\$0	\$115,000	\$115,000	\$72,000	\$60,000	\$150,000	\$150,000	\$150,000
2	Ponderosa/Forest Restoration Small-Scale Treatments <50 Acres	\$0	\$31,610	\$0	\$15,000	\$46,610	\$0	\$0	\$0	\$0	\$0
3	Mixed-Conifer Forest-Health Large-Scale Treatments >50 Acres	\$0	\$0	\$0	\$0	\$0	\$78,000	\$75,000	\$0	\$0	\$0
4	Prescribed-Fire/Activity Fuels Projects	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
5	Access Road Completion & Maintenance	\$0	\$0	\$0	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0
6	Weed Management/Post-Reclamation Work	\$0	\$0	\$0	\$15,000	\$15,000	\$0	\$15,000	\$0	\$0	\$0
	Forestry/Fire CIP Subtotal	\$0	\$31,610	\$0	\$200,000	\$231,610	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Boulder County Parks and Open Space Capital Improvement Project Descriptions 2017-2022

November 2016

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

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RECREATION AND FACILITIES Projects: CIP Funds

1. **Lagerman/Imel/AHI/Recreational Improvements:** 2017, 2020, 2021 CIP. GOCO trails grant \$200,000. CIP funding \$620,000, with \$200,000 carryover in 2017. Total project budget of \$820,000 over two+ years for AHI Loop. 2016 work included putting 4+ miles of trail material in place, reconstructing the spillway trail at Lagerman (with BATCO \$10,000 donation), connecting the AHI trail into Lagerman trailhead, constructing a bridge, and constructing the 75th Street pedestrian crossing. The new trail loop will be completed by June 2017. If a 2019 grant application is successful, funds are allocated in 2020 to construct a trail from the south of Lagerman Reservoir to Oxford Road.

2. **Castle Rock Recreation Site Improvements:** 2016 carryover, 2017 CIP + CCI/CML Grant and other POS funds. This highly visible site adjacent to State Highway 119 in Boulder Canyon abuts the BCPOS Platt Rogers property; partners include Colorado Division of Transportation (which owns the actual Castle Rock) and the Boulder Climbing Community group. Castle Rock is a very popular site, used by rock climbers, anglers, and picnickers. A recreation plan was created for the general site in 2012, and will be added to the upcoming Rogers Reynolds management plan update. The Castle Rock recreation plan addresses the many challenges posed by the site, including two old vehicle bridges, highway access, parking, resource protection, recreation access, and human waste management. In 2012, site work included new signage, a survey, road work, and clearing for the highway visibility. Site work also identified significant scouring under one of the bridge abutments. In 2013 and 2014, engineering work was completed for bridge redesign. In 2017, funds will be used to complete bridge upgrades.

3. **Heil 2 Improvements:** 2017, 2018 CIP. The County purchased the 210 acre Heil 2 property in late 2012. This property 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 loop trail, trailhead, and trailhead amenities. Many volunteer projects during summer and

fall 2016 started construction on the trail loop. CIP funds are earmarked for completing the improvements adopted in the Heil Valley Ranch 2 Small Area Plan. See also HP #2 and HP #4.

4. **Cardinal Mill Access:** 2017 CIP. Extensive restoration of the Cardinal Mill restoration work over 10 years was completed in 2013. The next phase is to create infrastructure to allow public access and interpretation of the mill. In 2015, staff designed parking and a trail along the east side of the mill along with visitor access pods. Permitting and site improvements started in 2016. Completion anticipated in 2017.
5. **Toll Property Trail:** 2017-20 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 a 6.5-mile long trail easement. 2017 funding is earmarked as matching funds for a approved GOCO planning grant. Plan to apply for a trail construction grant in fall of 2017 with trail construction in 2018, 2019, and 2020 if needed.
6. **Anne U. White Trailhead:** 2017 CIP. The Anne U. White trail has been closed since the devastation of the 2013 flood. Work on the trail is ongoing, and has benefitted from the help of numerous volunteer days. The two homes closest to the trailhead are eligible for buyout through the FEMA process, and the county Transportation Department will be working on the road and access in summer 2017. Funding is set aside for a survey to rework the Trailhead area. This work will delay the opening of the trail.
7. **Walker Ranch Management Plan Implementation:** 2018 CIP. The management plan update for Walker Ranch was completed in 2013. 2018 CIP will be for upgrade of Ethel Harrold Trailhead and design and installation of natural play area by Meyers Trailhead.
8. **AG Heritage Center Irrigation Improvements:** 2018 CIP for Phase 2 of irrigation and site improvements. In 2013-14, staff completed driveway improvements for site distance and upgraded an agriculture irrigation structure to correct erosion problems to the trail. Phase 2 work includes additional irrigation and plantings to entry and central yard area.
9. **Braly Loop Trail, Parking Lot, Trailhead:** 2019 CIP. Fishing-is-fun grant or GOCO trails grant application in 2018 and implementation in 2019 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 cash-in-lieu (see #15 below) and Boulder County Transportation (funding construction of restroom for regional trail). See also HP #5.
10. **Reynolds Ranch/Rogers/Castle Rock Improvements:** 2019-2020 CIP. Master planning for improvements to the trail system is scheduled for 2017. Funds are earmarked for implementing the approved improvements.
11. **Hall II Improvements:** 2022 CIP. Boulder County purchased the 573-acre Hall II property on the south side of State Highway 7 (the former andesite mine) in 2010 and 2011. Upon completion of required site reclamation by the mine operator (under bond) the county plans to conduct a master plan for the property. We anticipate a grant application in 2021 and have earmarked funds to begin implementation in 2022.
12. **Rock Creek Grasslands Trails:** Grant application in 2021, 2022 CIP and possible grant funds. Based on direction in the 2011 Management Plan, in 2014 BCPOS completed a trail along State

Highway 287 from Broomfield through Ruth Roberts and connecting to the regional Rock Creek trail. This project was a partnership with Broomfield and was awarded a GOCO “mini” trails grant in fall 2013 for \$45,000. Broomfield and the GOCO grant funded construction of a trail on the Ruth Roberts property in 2014. The Pony Estates-Lafayette connector trail is planned for 2022, following a grant application in 2021. An estimated scope and budget estimate for this trail segment still needs to be determined.

RECREATION AND FACILITIES Projects: Other Funds

13. **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 possible trail re-route at LHVG and Niwot area.
14. **Betasso Connection/Boulder Creek Path:** 2018 Grant Application and future funding needed. Boulder County Transportation and City of Boulder Open Space and Mountain Parks are working together on the Boulder Creek path extension project. If a trail connection near the intersection of Fourmile Canyon Road and Boulder Canyon Drive is determined to be feasible, funds will be sought to construct a connection to the Betasso Preserve Trails, following a management plan amendment.
15. **St Vrain Trail Construction to Pella** (Boulder County Transportation). Uncertain timing for construction of regional trail from Airport Road to Pella Ponds. See also #9 above.

HISTORIC PRESERVATION CIP Projects:

1. **Tumbleson House Repairs:** 2017, 2020-2021 CIP. The circa 1890s Tumbleson House at Hall Ranch was rehabilitated with part of a GOCO Legacy Grant in 2001. Since 2005, mobile soils have increased the movement of the building resulting in serious cracks in the stone walls. In 2010, a structural engineering firm was hired to evaluate the issue and complete construction documents for the repairs. Based upon the engineer’s 2016 revised construction documents, a partial foundation will be installed in 2017 to alleviate the movement of the building in order to keep the house viable for the future use, to be determined through the future update of the North Foothills Open Space Management Plan.
2. **Heil 2 Corral Area:** 2017 CIP. The corral area served as the central ranch operation area for the Heil family from 1949 until 2012. The area is a mixture of various railroad cars, cabooses, loafing sheds, an office building, a pole barn, corrals and old farm equipment. BCPOS will contract out the removal of the asbestos containing railroad cars and cabooses, clean up the debris, deconstruct the partially collapsed pole barn, and haul away the junk vehicles and some of the farming equipment. See also HP #4 and RAF #3.
3. **Rocky Mountain Mammoth Mine 1976 House Deconstruction:** 2017 CIP. Located at the top of Magnolia Road, the Rocky Mountain Mammoth Mine 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 deconstruction and recycling of the house in order to return the historic site context for future public interpretation as part of the Hard Rock Mining Tour.

4. **Altona School Public Access:** 2017 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 will be completed and the Buildings and Historic Preservation crew will complete restoration work necessary for public access. See also RAF #3 and PE #3.
5. **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 2018-2019, the barn will be rehabilitated in order for it to be suitable to use for interpretation purposes and as a possible meeting point for the public when the proposed St. Vrain trail crosses through the property. Engineering plans were updated in 2013 for the rehabilitation project. See also RAF #9.
6. **Olivieri Buildings Rehabilitation:** 2018-2019 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, rehabilitate the cabin, garage and stone office building for possible use as an artist-in-residence. Contract out site stabilization work.
7. **Miscellaneous Small Buildings:** 2018-2022 CIP. A group of smaller historic buildings that need a lesser degree of work are scheduled for rehabilitation work each year from 2018- 2022. The high priorities include the Rogers Ranch buildings, Walker Ranch outbuildings, Wall Street outbuildings, Heil Valley Ranch II outbuildings, Puzzler town site (Arapahoe Lodes), Ellis, Argo, Betasso outbuildings, Blue Bird outbuildings (Caribou Ranch), 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.
8. **Reynolds Ranch Log House Repairs:** 2019 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. The 2016 historic structure assessment concluded no emergency repairs are required. As a result of the findings, the Buildings and Historic Preservation crew will begin repairs in 2019 for the yet to be determined future use of the cabin. Operations and maintenance funds will cover any small necessary repairs until 2019.
9. **Major Maintenance:** 2021-2022 CIP. Major maintenance projects will occur on various properties that include roofing, painting and any other large maintenance or repair items not able to be covered by O&M funds. In 2022, the Delonde House (Caribou Ranch) interior will be rehabilitated for a yet to be determined future use and the Moore House (Caribou Ranch) and Ramey House interiors will undergo major cleanups.

PUBLIC EDUCATION CIP Projects:

1. **Offero Volunteer Management Software, 2016 carryover to 2017 CIP.** Offero is a volunteer and activity management software developed by web and data base consultant Squarei. This software package will replace the patchwork of tools we currently use to manage our volunteer programs, special events and public programs such as bus tours. Functions of the software include: activity registration, activity evaluations & feedback, volunteer application, volunteer scheduling, volunteer hour management and reports, communication between staff and volunteers, and export of reports to Excel and PDF formats.
2. **Ag Heritage Center Exhibits:** 2017, 2019, & 2021 CIP. Due to wear and tear, a number of exhibits installed in 2003 and 2004 will be replaced: in 2017, the "Faces of Boulder County" exhibit; in 2019, the "Food" exhibit; and in 2021, "Tools of the Trade" exhibit.
3. **Altona School House Furnishings:** 2017 & 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 #4.
4. **Trailside Interpretive Panels:** 2017-2022 CIP. Each year, interpretive panels will be created for various POS properties open to the public. In some years we will be replacing weathered and damaged panels or updating panel information. Panels focus on the property's natural, cultural, and agricultural resources, as well as resource management activities. In 2017, new panels include Walden Ponds Wildlife Habitat (2013 Flood repairs), Peck Property (agricultural use of property and native plant garden for seed collection), Cardinal Mill Tunnel Entrance (geology of area), Castle Rock (historical bridges), and a replacement panel at Walker Ranch (history). Trailside panel costs range from \$1,500 to \$3,000 depending on whether they are designed in-house or by a consultant, the number of photographs, and cost of any original artwork.
5. **Park Visitor Educational Campaigns:** 2017-2022 CIP. Develop annual marketing plan to address park visitor topics that could benefit from a coordinated outreach of trailhead posters, publications, videos and web-based materials.
6. **Educational Exhibits,** 2017, 2018, 2020-2022 CIP. Replace small displays and purchase items needed to enhance educational experiences at various sites including the Hard Rock Mining Museum, Assay Office Museum, Agricultural Heritage Center, Walker Ranch Homestead and Trailhead Displays (i.e. taxidermy mounts).
7. **Assay Office Museum Exhibits:** 2018 CIP. Funds will be used to expand assaying exhibits.
8. **Cardinal Mill Exhibits:** 2018 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. See also Recreation and Facilities #4.
9. **Braly & Ramey Interpretive Opportunities:** 2019 CIP. Once the trails are constructed, a spotting scope to public to view nesting raptors in the northern part of the Braly property will be installed (no quarters needed!). Also a series of trailside panels will installed at Braly and Ramey properties highlighting the natural and cultural resources. See also RAF #9 and #15; HP #5.
10. **Hard Rock Mining Museum and Other Hard Rock Mining Sites:** 2020 CIP. As we develop our hard rock mining sites, we will add interpretive panels for driving tour sites including Rocky Mountain Mammoth Mine, Blue Jay, etc.

11. **Nederland Mining Museum Exhibits:** 2022 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. Eddy lateral sprinkler: 2017
 - Approximately 72 acres
 - POS cost share covers new electric service installation
 - Ag tenant cost share covers purchase of irrigation infrastructure
 - Project approved for EQIP cost share
- b. Henry & Ross: 2020-2021 (2 full circle with swing arm pivots planned in phases)
 - Approximately 300 acres
 - Ag tenant will share in costs and could apply for EQIP funds

2. Center Pivot—Organic Farms

- a. Darby 2017 CIP: small center pivot sprinkler
 - Approximately 63 acres
 - Connect irrigation and electric to existing pivot to save money
 - Tenant purchase sprinkler – POS purchase install infrastructure (no EQIP grant)
- b. Bishop 2017 CIP: Irrigation pipeline with ground sprinklers on approximately 23 acres
 - Install irrigation pump at existing pond
 - Bury 3,100 feet of irrigation pipeline with risers
 - Tenant purchase ground sprinklers

- Project approved for EQIP cost share
- c. Ertl 2018 CIP: center pivot (one wiper system)
 - Approximately 63 acres
 - Approved for EQIP funding and cost share with tenant
- d. Laber, Henry – center pivot (wiper): 2018
 - Approximately 83 acres
 - Planned for approval and tenant cost share
- e. Harney-Lastoka Mule Barn conversion to farm stand: 2018
 - Farm stand to allow public to enter part of mule barn
 - Design required to meet Land Use codes
 - Cost share with Lafayette and Louisville
- f. AHI Replacement center pivot: 2019
 - 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”)
- g. Haley subsurface drip irrigation with precision Ag technologies: 2022
 - Much more efficient than sprinkler irrigation systems, but also more expensive

3. Livestock Water Augmentation Projects.

- a. Mayhoffer Water Well: 2020-2021. The well will be used to water livestock on the property, and will use solar power for electric service. Water may also be used for augmentation required at Kenosh ponds.

FORESTRY CIP Projects:

1. Ponderosa Forest Restoration Large-scale treatments (>50 ac.): 2017-2022 CIP.

- Betasso (189 ac): This project should actually be completed by the end of 2016 and was funded with CIP money from 2015 and 2016. It may however extend into 2017 due to weather.
- Heil, Lichen Loop (142 ac) 2017-2018: This project will focus on completing ponderosa pine restoration east of the Lichen Loop Trail at Heil Valley Ranch.
- Walker Ranch, Meyers Gulch (up to 650 acres) 2019-2020: A target for 2019/2020, this will focus on completing ponderosa pine restoration in the Meyers Gulch area.
- Hall (226 ac) 2020-2022: This project, known as the Buttonrock Collaborative, will focus on ponderosa pine restoration in the west portions of Hall Ranch, and possibly portions of the Billings property (160+ acres). The goal would be to work with the City of Longmont, USFS, BLM, SLB, private landowners and CSFS to complete a landscape-wide treatment plan to protect the watershed surrounding Longmont Reservoir and Ralph Price Reservoir (AKA Buttonrock).
- Hiel, East Ochs, (94 ac) 2022:

2. Ponderosa Forest Restoration Small-scale treatments (<50 ac.): 2017 CIP.

- Heil Pyrite (98 ac) 2017: This area is a fuels reduction/restoration combined project that borders the subdivision on Pyrite Drive on the North side of Heil Valley Ranch. We hope to

demonstrate good stewardship of land to our neighbors, and hope that they follow our example. While the acreage is larger than 50, the effective treatment will be about 50 acres and completed with our in house crews. It may also take two years to complete the entire project. A portion of CIP funds will be utilized to make sure access roads are created and maintained for the project. A grant of \$31,610 from Department of Natural Resources/Wildfire Risk Reduction will help pay for grinding of the removed material.

3. **Mixed-Conifer Forest-Health Large-Scale Treatments >50 Acres:** 2018-2019 CIP. The mixed-conifer forest type occurs at approximately 6,900 feet to 10,500 feet in elevation, nestled between lower-elevation forests such as ponderosa pine and higher-elevation subalpine forests such as spruce-fir. Treatments in mixed-conifer aim to keep the forest stand healthy and diverse, and can be used to plan for climate change impacts by favoring species that are able to survive hotter and dryer conditions.
 - Caribou Ranch/Sherwood (80 acre) 2018-2019 CIP: We applied for a Colorado State Forest State Fire Assistance/Wildland Urban Interface grant to help with the planning for completing work at Caribou Ranch. A total of 80 acres would be completed as match for the grant project. We hope to use CIP funds to pay for a contractor to complete a portion of this work. The work will focus on increasing forest health, while also decreasing hazardous fuels.
4. **Prescribed Fire/Activity Fuels Projects:** 2017-2022 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 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.
 - Heil Valley Ranch 2017, 2021, 2022 CIP: Wapiti 2 (400 acres), Ingersol (260 acres), Geer Canyon (200 acres), Wapiti revisited (400+ acres)
 - Betasso Arkansas/Canyon Loop (103 acres): 2018 CIP
 - Walker Ranch (800 acres) 2019 CIP: Looking at portions of Walker Ranch Fire footprint.
 - Hall Rattlesnake/Nelson Loop (332 acres): 2020 CIP
 - Rabbit Mountain (3000+ acres) Placeholder. We are working on plans to burn at Rabbit Mountain, some projects may take priority over the above mentioned if we can get it through planning process.
5. **Access Road Maintenance:** 2017 CIP. After or before we complete a forest restoration project, the access roads used by large trucks usually need some grading and repair. This fund is dedicated to leaving the access roads as good as we found them. Funds may be used to restore access roads at Heil Valley Ranch, Hall Ranch, and Betasso. Sometimes the road costs are written into the contracts for contractors to complete.
6. **Weed Management/Post-Reclamation Work:** 2017, 2019 CIP. After we complete a forest restoration project, there is typically a flush of non-native species, including noxious weeds. This is due to the soil disturbance and the fact that weed seeds can remain viable in the soil for years or even decades. In order to keep the weed infestation in check, we dedicate funds to treating the weeds and reseeding with desirable species if appropriate. In 2017 and 2019 we hope to utilize funding to hire a seasonal employee to work with the weeds crew in order to address weed issues.

ECOSYSTEMS CIP Projects:

1. **Flood:** 2017-2020 CIP. Funds from CIP will be used to restore streams and floodplains that are not funded by other grant sources.
 - Brewbaker: \$400,000 COPS + 2016 CIP carryover. 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 \$400,000 in 2017 for design and construction of this project into 2018.
 - Geer Creek: The stream restoration design and construction of Geer Creek will be funded by 2017 CIP Ecosystem and up to \$350,000 of COPS sales tax funds.
 - Webster Pond: BCPOS received a wetland grant from Colorado Parks and Wildlife for \$42,750. CIP Ecosystems will provide the match of \$25,000 to construct a wetland on the west side of Webster Pond where sediment was deposited from the 2013 Flood.
 - Doniphan: In 2017, funds will be used to continue the work on floodplain habitat restoration at the Doniphan property in the Boulder Creek floodplain and the Keyes property located in the St. Vrain Creek floodplain damaged in the 2013 flood.
 - South Branch Ditch, St. Vrain Creek: 2018-2019 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.
 - Replant/Reseed various properties: Maintenance funds have been set aside in years 2018-2020 to replant and reseed areas needing follow-up work after post-flood stream restoration projects have been completed in 2017.
 - Golden Fredstrom: Another 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.
2. **Native Plant Propagation:** 2017-2022 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 specialized commercial farms in Washington state. The local native seed we generate will be available for ecological restoration projects in the future.
3. **Grassland Restoration Projects:**
 - **Mowing:** 2017-2020 CIP. Because of all the mowing maintenance needed on multiple grassland restoration properties, a separate category was created for this need. Funds will be 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.
 - **Rock Creek Grasslands:** 2017 CIP. BCPOS has been working to restore several agricultural properties in the southeast part of the county to native prairie beginning with restoration of the Tommy Thompson property in 1996. The project is now focused on weed control at Ruth Roberts property.
 - **CEMEX Restoration:** 2018-2019 CIP. Restoration efforts began in 2004 and will continue through 2019. The southern acreage will be planted to perennial natives in 2017.
 - **Future Projects:** 2019-2022 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:**
 - **Lower Boulder Creek:** 2019 CIP. Maintenance funds post-Army Corps of Engineers project completion.

- **Future Projects:** 2019, 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. **Plague Properties:** 2019-2022 CIP. Funds to revegetate properties after prairie dog die-off due to plague outbreak. Property priorities are not specifically identified at this time.
 6. **Reclamation/Revegetation Projects:**
 - **Heil 2 Reclamation:** 2019 CIP. Post-coral clean up reclamation.
 - **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.
 7. **Wildlife Habitat Restoration Projects:**
 - **AHI Turkey Farm:** 2017 CIP. Seventeen acres that was previously impacted by former turkey farm operations will be restored to wildlife habitat within this Critical Wildlife Habitat area.
 - **Sisters of St. Francis:** 2017 CIP. Native perennial seeding.
 - **Loukonen Dairy Farm, Parcel F:** 2018 CIP. Fence off portions of the Dake Ditch/ephemeral drainage for Prebles meadow jumping mouse habitat.
 - **Ag Wildlife Habitat:** 2020-2021 CIP. Wildlife habitat and pollinator projects on ag properties: Swanson, Ertl, Puma, Montgomery Farms, AHI
 - **Kenosha Water:** 2020-2022 CIP. Funds to pay for water augmentation as required by the State Engineers Office.
 8. **Road/Social Trail Closure:** 2020-2021 CIP. Closing social trails/roads in partnership with USFS on the Reynolds Ranch property and in conjunction with building a sustainable trail in other locations.