



Parks &
Open Space

2015 CIP Review + 2016-2021 CIP Boulder County Parks & Open Space

**POSAC Meeting
December 17, 2015**



CIP and O&M Funds

CIP Category	O&M	CIP
Recreation & Facilities	\$191,000	\$150,000
Historic Preservation	\$48,000	\$100,000
Public Education	\$51,000	\$50,000
Agriculture	\$80,000	\$125,000
Forestry	\$123,000	\$126,000
Ecosystems	\$46,000	\$150,000
Total	\$539,000	\$701,000



Sources & Uses of CIP Funds

CIP Category	Sales Tax	General Fund	Total CIP
Recreation & Facilities	\$150,000	--	\$150,000
Historic Preservation	\$100,000	--	\$100,000
Public Education	\$50,000	--	\$50,000
Agriculture		\$125,000	\$125,000
Forestry	\$126,000	--	\$126,000
Ecosystems	\$150,000	--	\$150,000
Total	\$576,000	\$125,000	\$701,000

Leveraging the 2016 CIP

	2015 Carryover	Grants	Partner/ Other	CIP	Total
Recreation & Facilities	\$387,732	\$337,976	\$71,512	\$150,000	\$783,732
Historic Preservation	\$112,500	\$0	\$0	\$100,000	\$212,500
Public Education	\$0	\$0	\$0	\$50,000	\$50,000
Agriculture	\$113,000	\$292,320	\$130,564	\$125,000	\$660,884
Forestry	\$0	\$0	\$0	\$126,000	\$126,000
Ecosystems	\$29,037	\$0	\$0	\$150,000	\$179,037
Grand Total	\$642,269	\$630,296	\$202,076	\$701,000	\$2,175,641



Recreation and Facilities Projects

Management Plans

- Lagerman/AHI Loop
- Toll Property Trail
- Cardinal Mill public access
- Castle Rock access
- Reynolds Ranch
- Hall II
- Walker Ranch improvements
- AHC
- Rock Creek Grasslands trails
- Niwot Loop
- Braly Loop

Future Trail Planning Efforts

- Eldo-Walker (*in progress*)
- Betasso connector (*in progress*)
- Heil 2 (*in progress*)
- Rabbit Mountain connector
- South County Grasslands
- Sherwood Gulch
- Kenosha
- Gold Hill

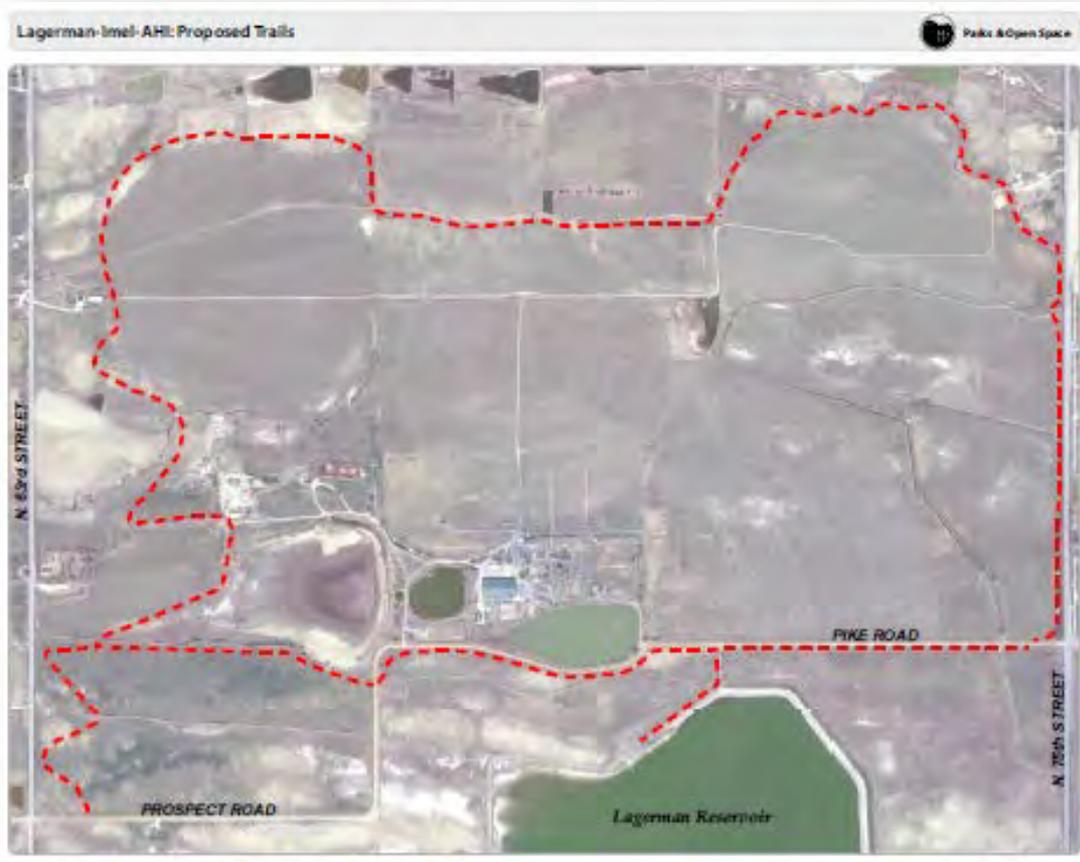
2015: Lagerman/Imel/AHI - ≈\$100,000



- Culvert Installations
- Bridge Design
- Pedestrian Crossing Design
- Fence RFP
- Lagerman Spillway Trail permits/engineering



2016, 2019-20: Lagerman/Imel/AHI



2016: \$730,000

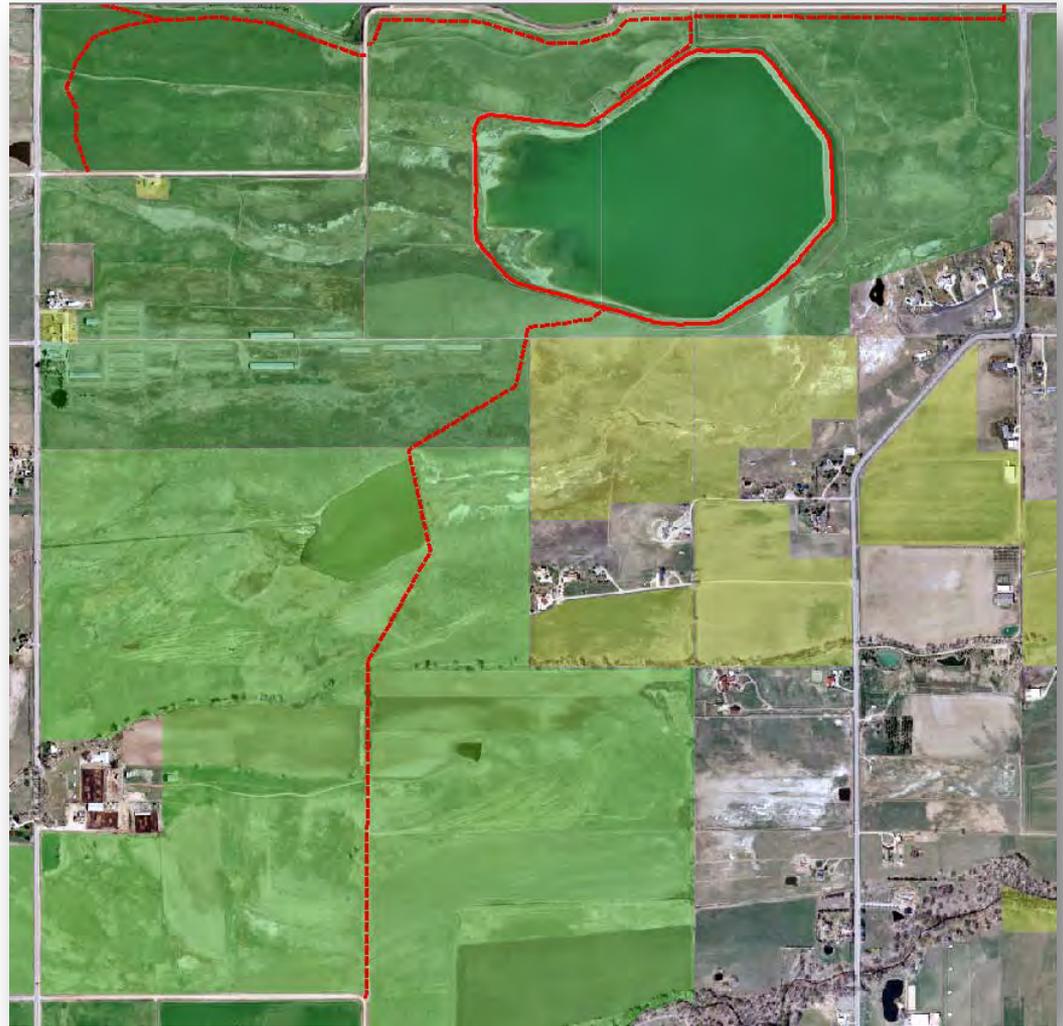
2018: GA

2019: \$80,000

2020: \$70,000



Imel Connector Trail (2019-2020)





2016: Wildlife Habitat Restoration

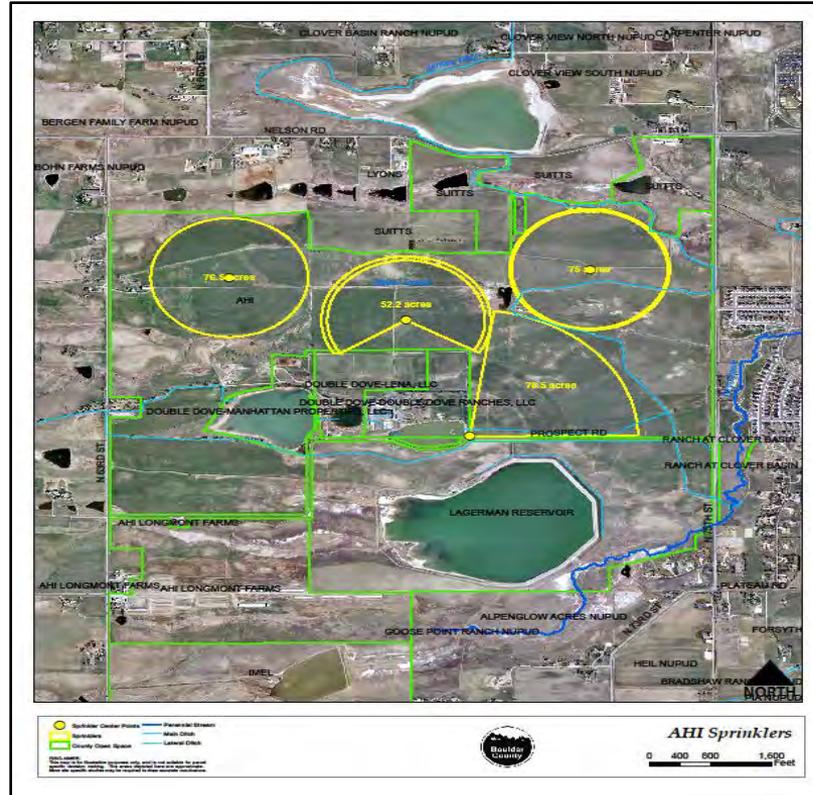
AHI Turkey Farm \$7k, 16.5 acres



2018: AHI Sprinkler Replacement

\$90,000: CIP/tenant cost share/grant

- Organic hay farm
- Swing arm sprinkler for trail system





2015: Niwot/Somerset Trail - \$8,000





Castle Rock Bridges

Boulder
Canyon



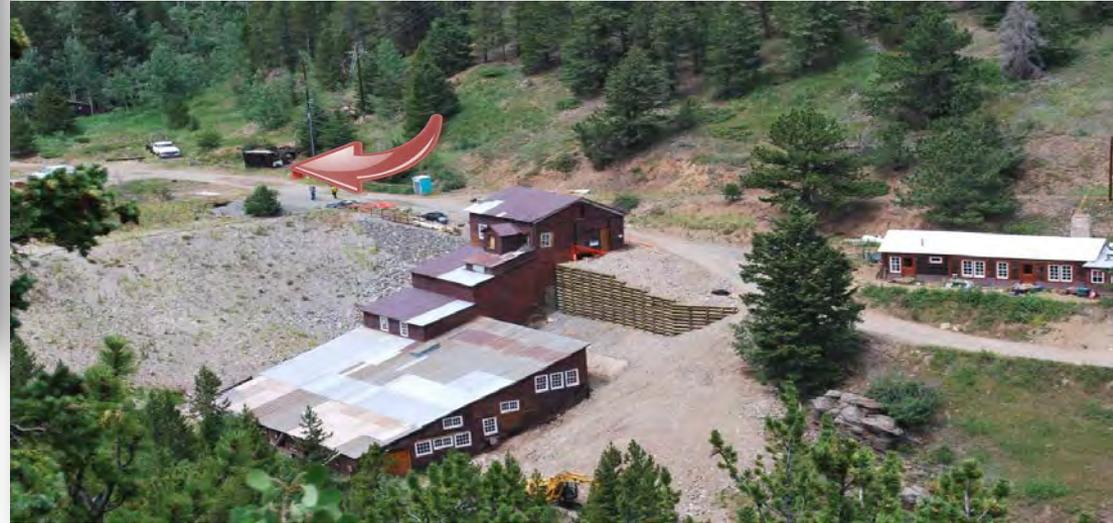
2016: Castle Rock Bridges



Grant:	\$132,976
2015 CIP:	\$2,732
Other:	\$30,512



Cardinal Mill



2015: Boulder County Tunnel

Cardinal Mill







2016: Cardinal Mill Public Access





Cardinal Mill Interpretive Exhibits 2017-2018



Coordinate Funding
with Historic
Preservation &
Public Education

Lower Visitor Pod





2016, 2018-20: Toll Trail Easement

2015 GOCO Grant application





Historic Preservation Projects

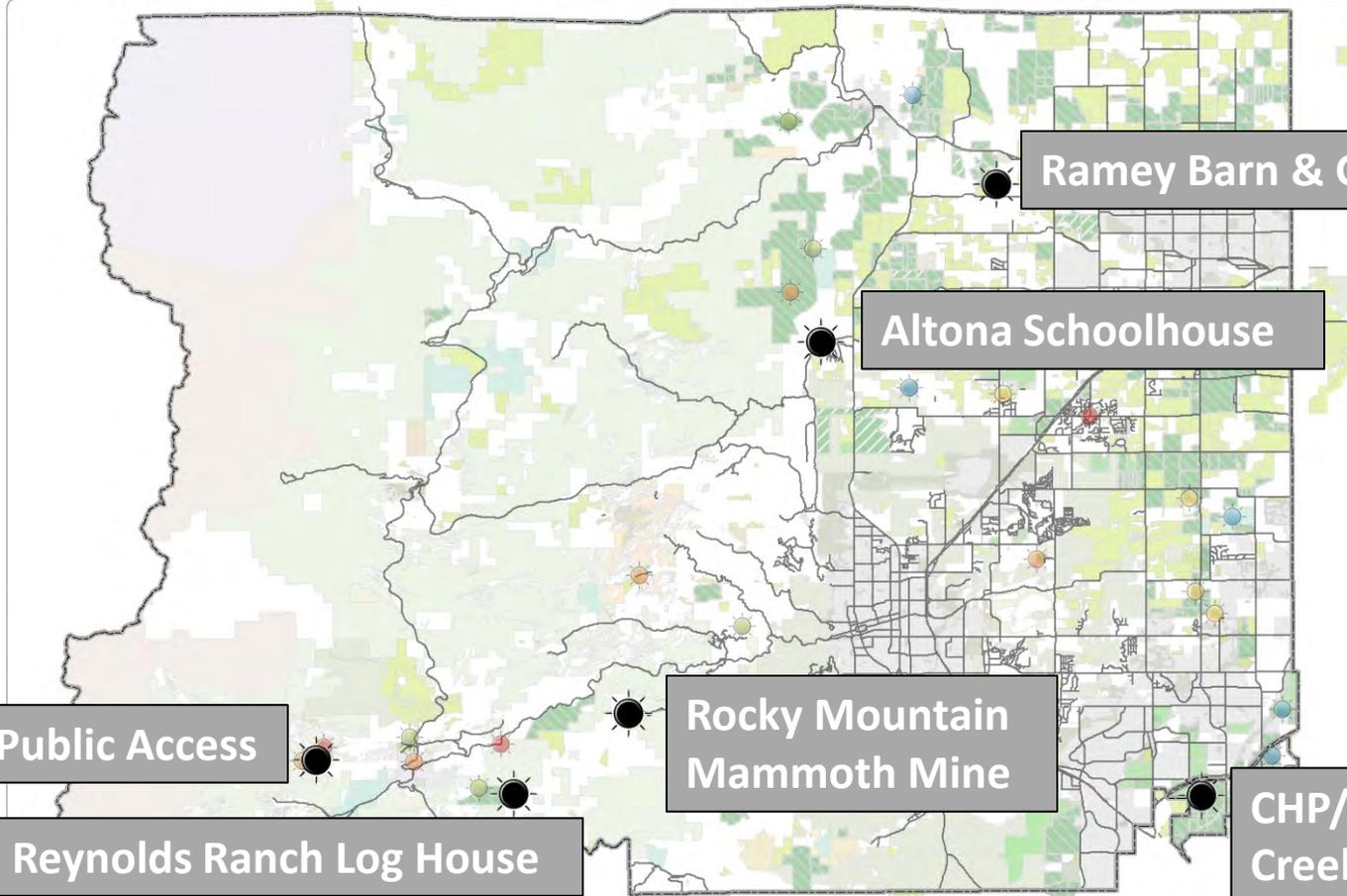
- Ramey Barn & Granary
- Rocky Mountain Mammoth Mine
- CHP at RCF buildings
- Altona Schoolhouse
- Cardinal Mill
- Reynolds Ranch Cabin
- Heil South Barn
- Henning Barn
- Braly Barn
- Olivieri Buildings
- Tumbleson House



2016 CIP Projects - Historic Preservation



Parks & Open Space



Ramey Barn & Granary

Altona Schoolhouse

Rocky Mountain Mammoth Mine

Cardinal Mill Public Access

Reynolds Ranch Log House

CHP/Rock Creek Farm



2015: Ramey Barn move



2016: Ramey Barn & Granary

\$95,000 (Carryover from 2015)

Barn



Granary

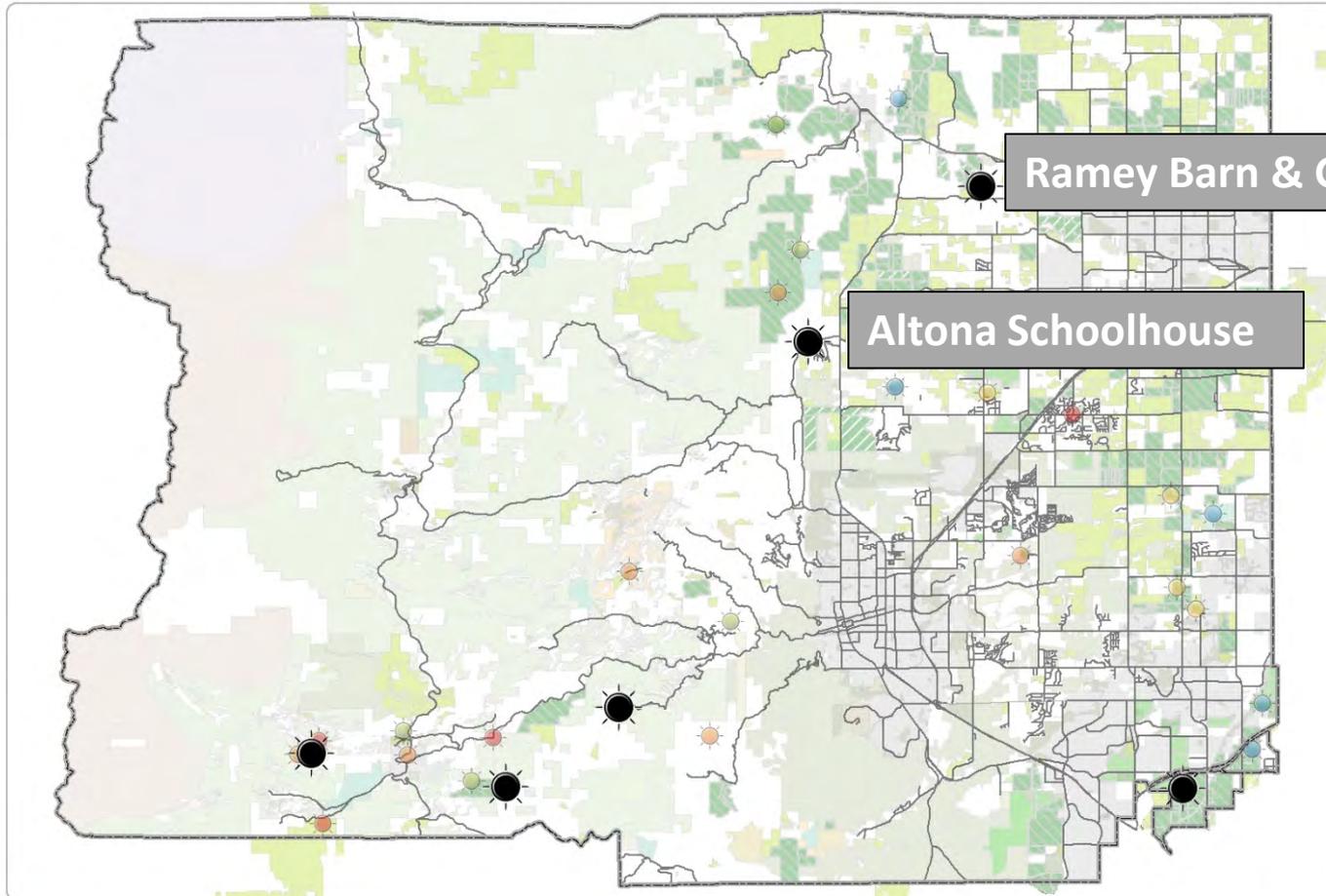




2016 CIP Projects - Historic Preservation



Parks & Open Space



Ramey Barn & Granary

Altona Schoolhouse





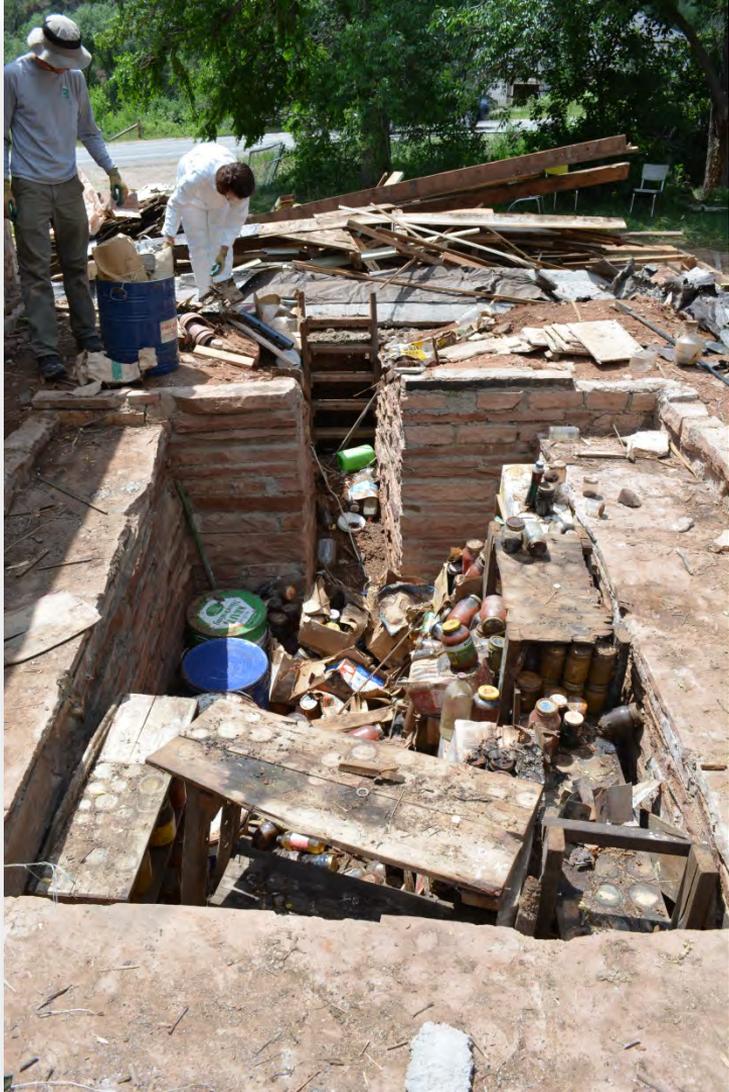
2015: Altona Schoolhouse

Before



\$5,000 2015 CIP + O&M funds









2015: Altona Schoolhouse

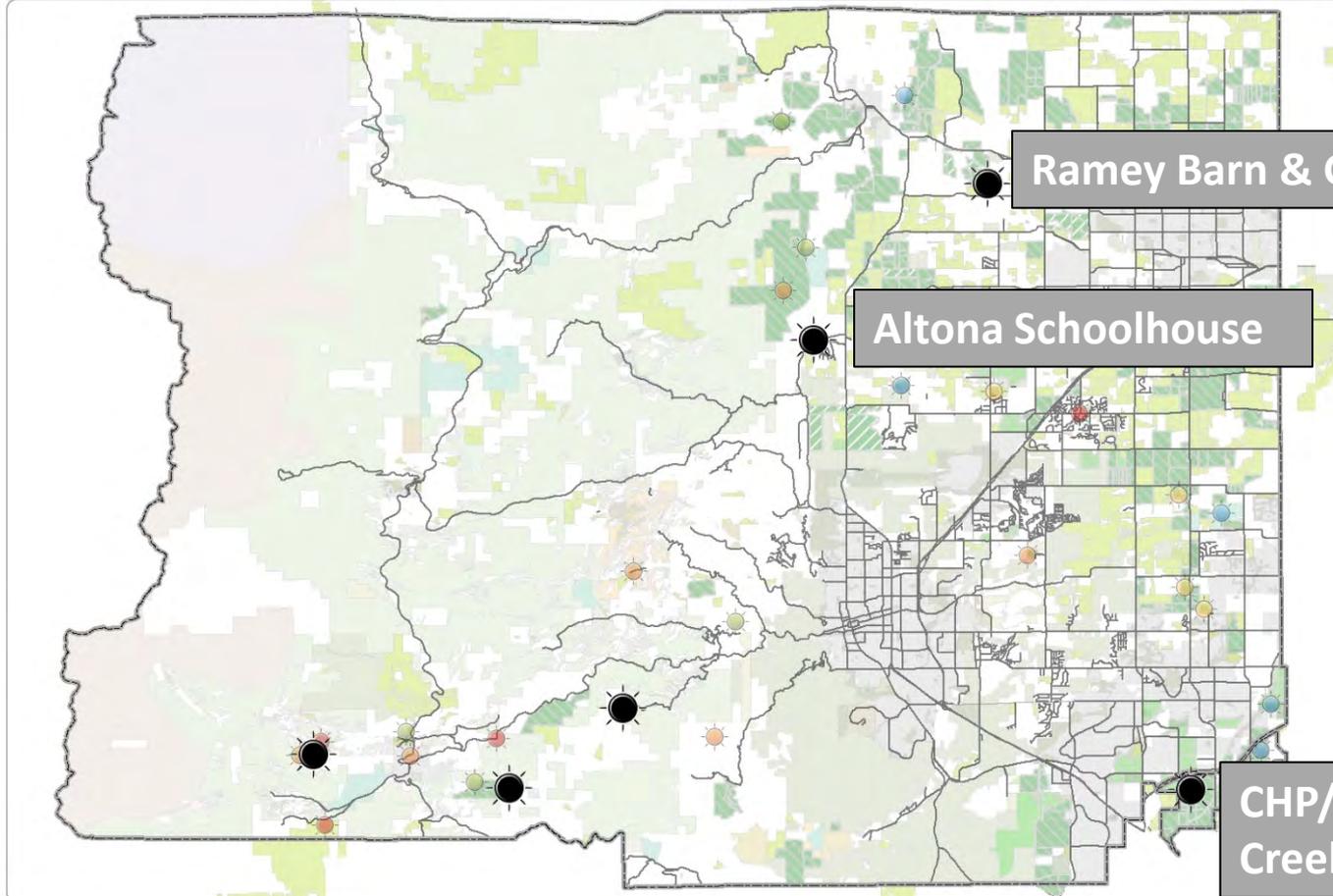
After



2016 CIP Projects - Historic Preservation



Parks &
Open Space



Ramey Barn & Granary

Altona Schoolhouse

CHP/Rock
Creek Farm





2016: Rock Creek Farm Barn #22

\$25,000



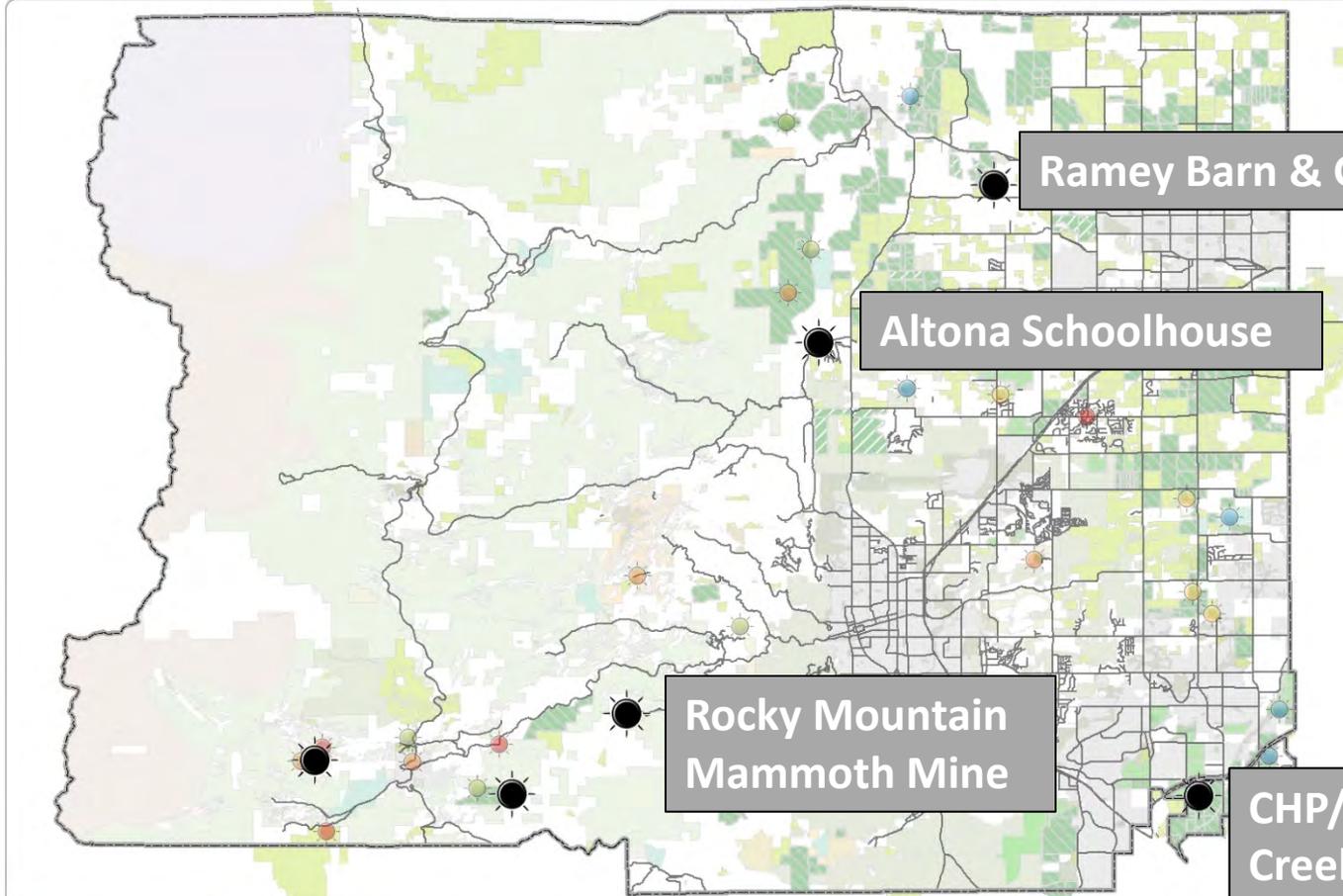
2017: \$10,000 for repair work on RCF outbuildings (in-house)



2016 CIP Projects - Historic Preservation



Parks & Open Space



Ramey Barn & Granary

Altona Schoolhouse

Rocky Mountain Mammoth Mine

CHP/Rock Creek Farm



Rocky Mountain Mammoth Mine

2015: \$220,987 (2014 carryover + SHF Grant)

2016: \$25,000

Shaft House before



Shaft House after



2016: Buildings & Historic Preservation Crew to complete Phase II repairs
2017: Deconstruct 1976 unfinished house that is a non-contributing feature



Rocky Mountain Mammoth Mine

Shaft House Interior Bracing





2015-2019: Reynolds Ranch Log House



2016-2017:
\$10,000/year

2018: Grant
Application

2019: \$30,000



Reynolds Ranch Cabin

10165 Magnolia Drive
Nederland, Colorado 80466

Historic Structure Assessment and Preservation Plan
SHF Grant No. 2015-HA-018
Deliverable #4 Draft HSA
November 2015





Public Education Projects

2016: volunteer
management software

Interpretive Projects

- Traveling Ag Exhibit
- Braly & Ramey
- Trailside Interpretive Panels
- Education Trailer

Museum Exhibits

- Ag Heritage Center
- Cardinal Mill
- Altona School House
- Hard Rock Mining Museum
- Assay Office

2015: Ag Heritage Center

“Maddie”
the milking
cow





Trailside Panels



2015: Nederland Mining Museum





Agricultural Resources Projects

Center Pivot Irrigation

- Quicksilver
- Cattell/Sherburne
- Eddy
- Dodd Farm
- Henry (2 pivots)

Organic Farms

- AHI (center pivot)
- Ertl (center pivot)
- Laber, Henry (center pivot)
- Bishop (Market Farm)
- Laber, Alex (Market Farm)

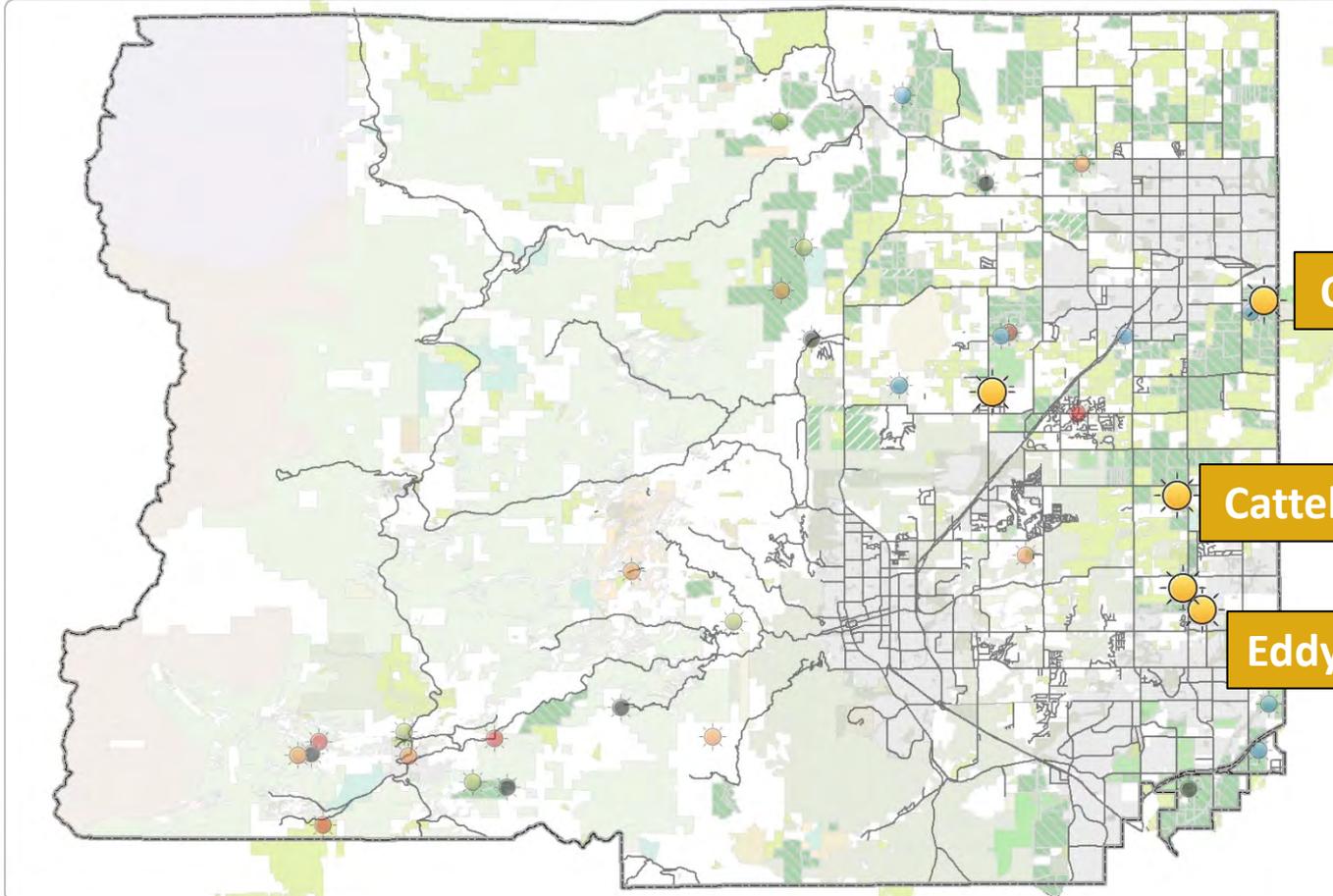
2015: Harney-Lastoka Organic Farm

\$25,000 booster pump

\$13,000 new electric service



2016 CIP Projects - Agriculture



Quicksilver

Cattell-Sherburne

Eddy



2016: Quicksilver Lateral Sprinkler

\$275,200 total cost, \$81,816 CIP

\$56,064 Tenant cost share

\$137,320 EQIP Grant





2016: Bishop Organic Market Farm

\$32,500: CIP/tenant cost share/grant





Forestry/Fire Projects

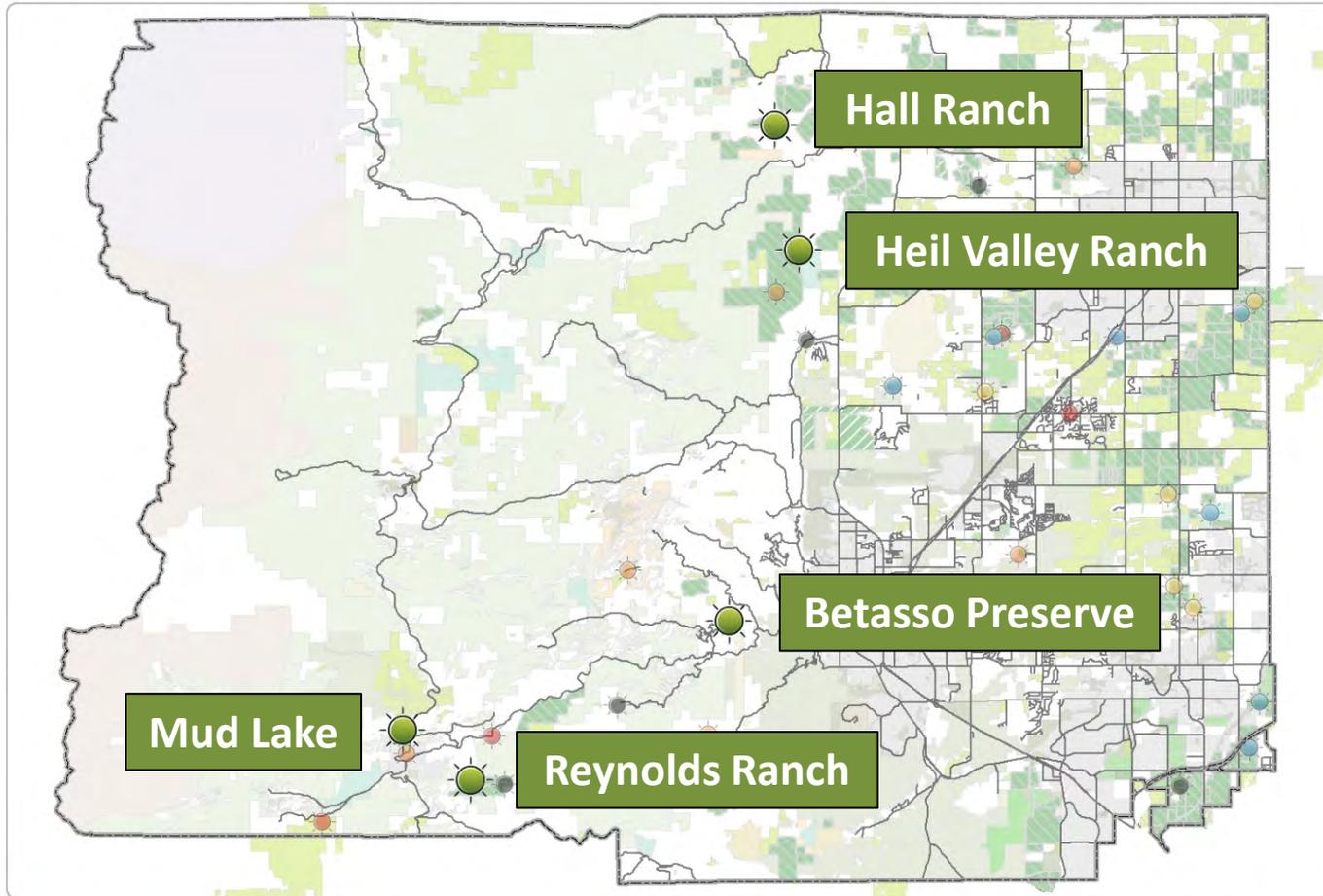
- Ponderosa Forest: Betasso, Heil, Walker
- Mixed Conifer Forest: Reynolds, Caribou
- Rx Burn: Heil, Hall, Betasso
- Weed Management: Mud Lake, Reynolds, Betasso, Hall
- Access Road Maintenance: Hall



2016 CIP Projects - Forestry



Parks & Open Space



Agriculture



Ecosystems



Forestry



Historic Preservation



Public Education



Recreation and Facilities



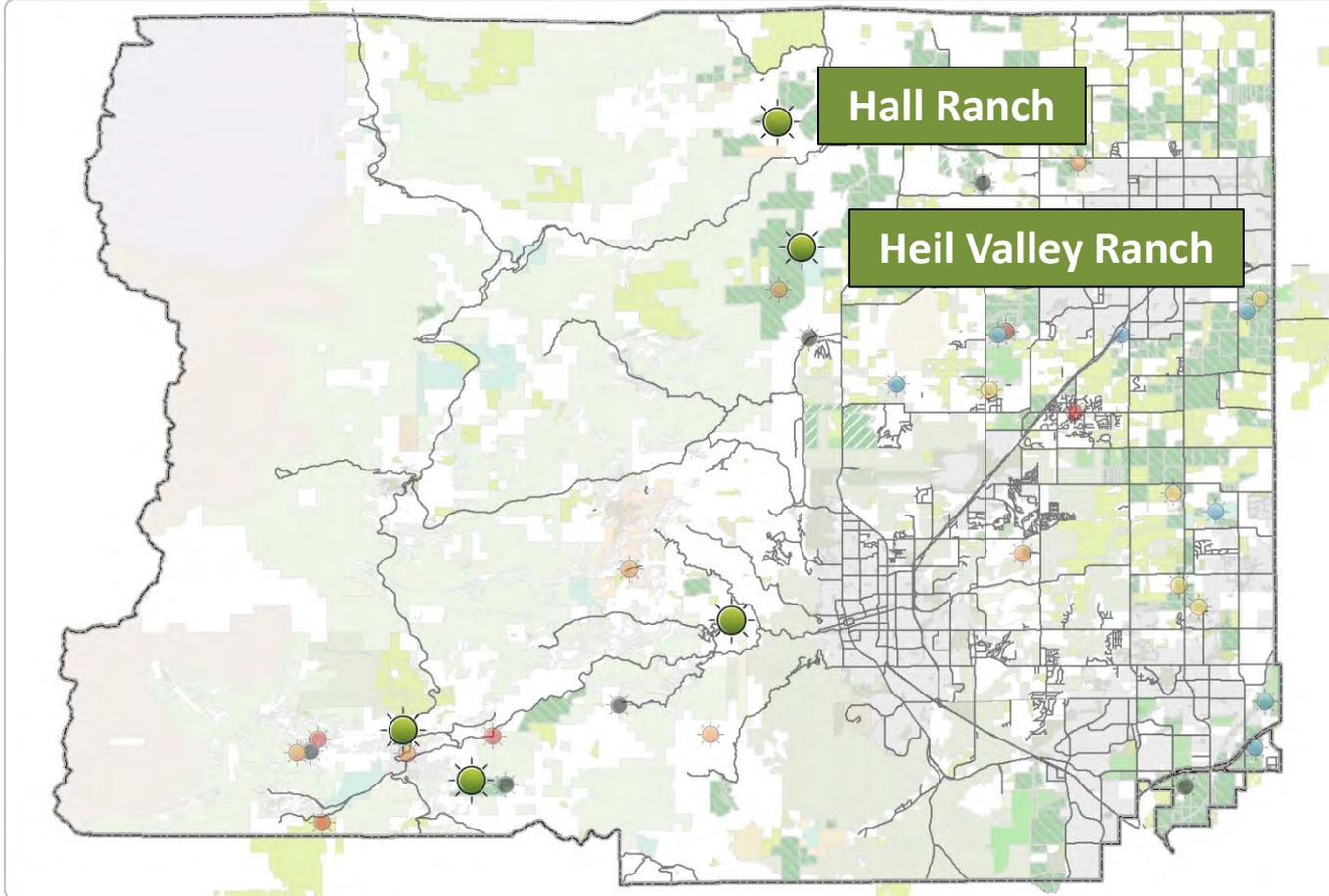
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2016 CIP Projects - Forestry



Parks & Open Space



-  Agriculture
-  Ecosystems
-  Forestry
-  Historic Preservation
-  Public Education
-  Recreation and Facilities





Hall Ranch Nighthawk Rx Burn

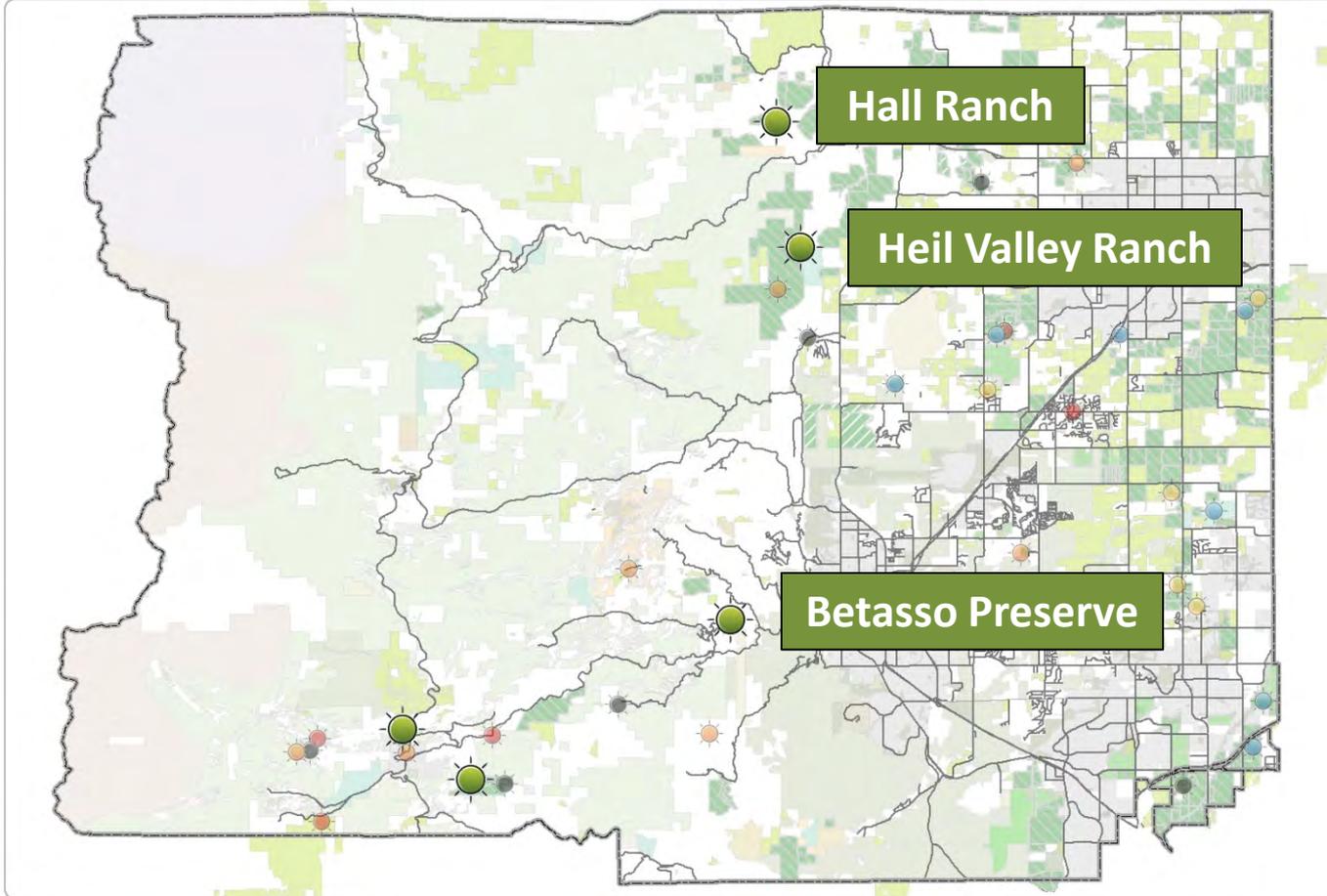




2016 CIP Projects - Forestry



Parks & Open Space



Agriculture



Ecosystems



Forestry



Historic Preservation



Public Education



Recreation and Facilities



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Ponderosa Large Scale Restoration

Betasso Preserve
2015: CIP & FEMA PDM Grant

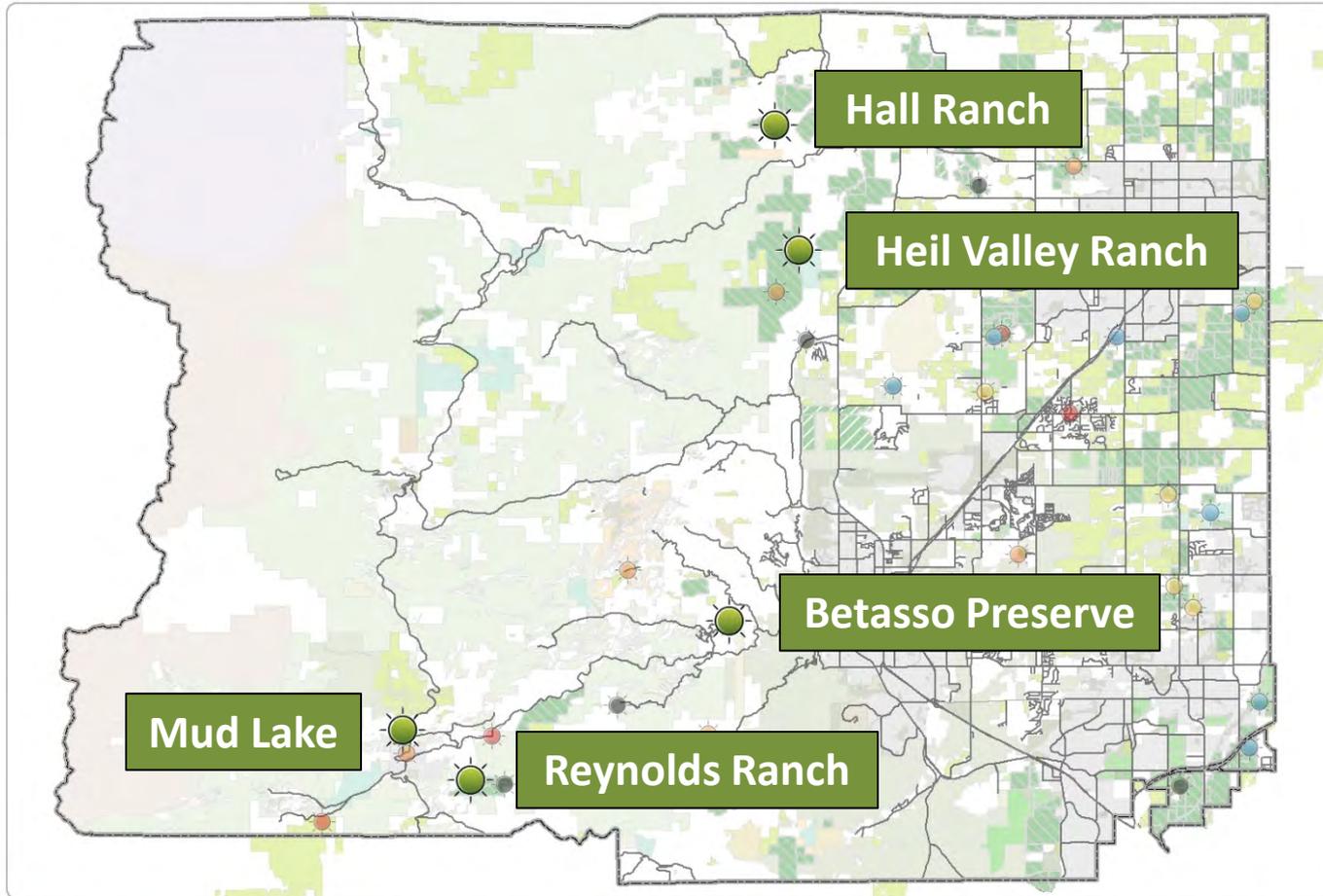




2016 CIP Projects - Forestry



Parks & Open Space



Agriculture



Ecosystems



Forestry



Historic Preservation



Public Education



Recreation and Facilities





Post-Reclamation Weed Management

Reynolds Ranch & Mud Lake





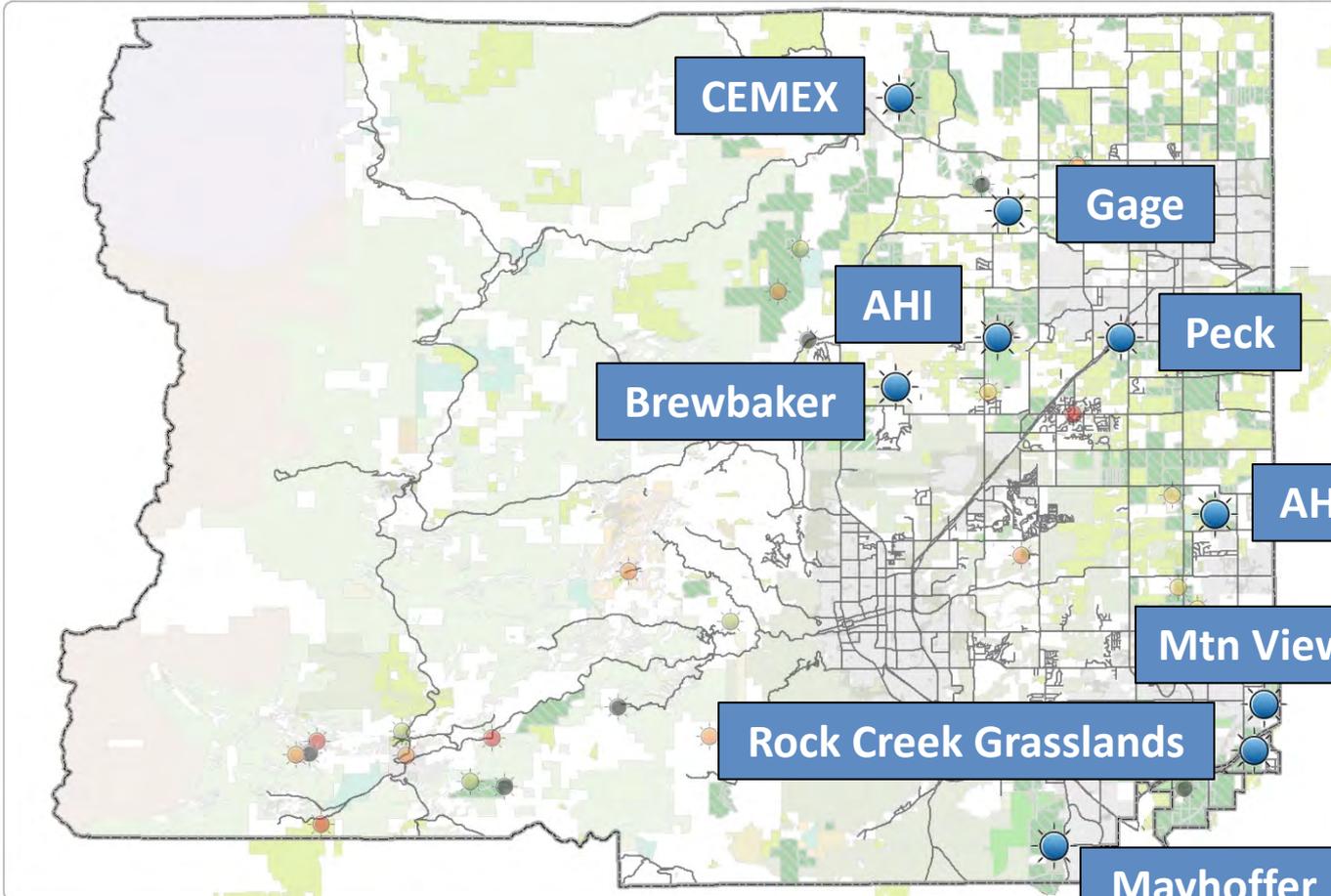
Ecosystems Projects

- Flood Restoration
- Propagate Native Plants
- Restore Grasslands
- Restore Riparian Corridors
- Reclaim Mines & Plague properties
- Restore Wildlife Habitat
- Close Roads/Social Trails

2016 CIP Projects - Ecosystems



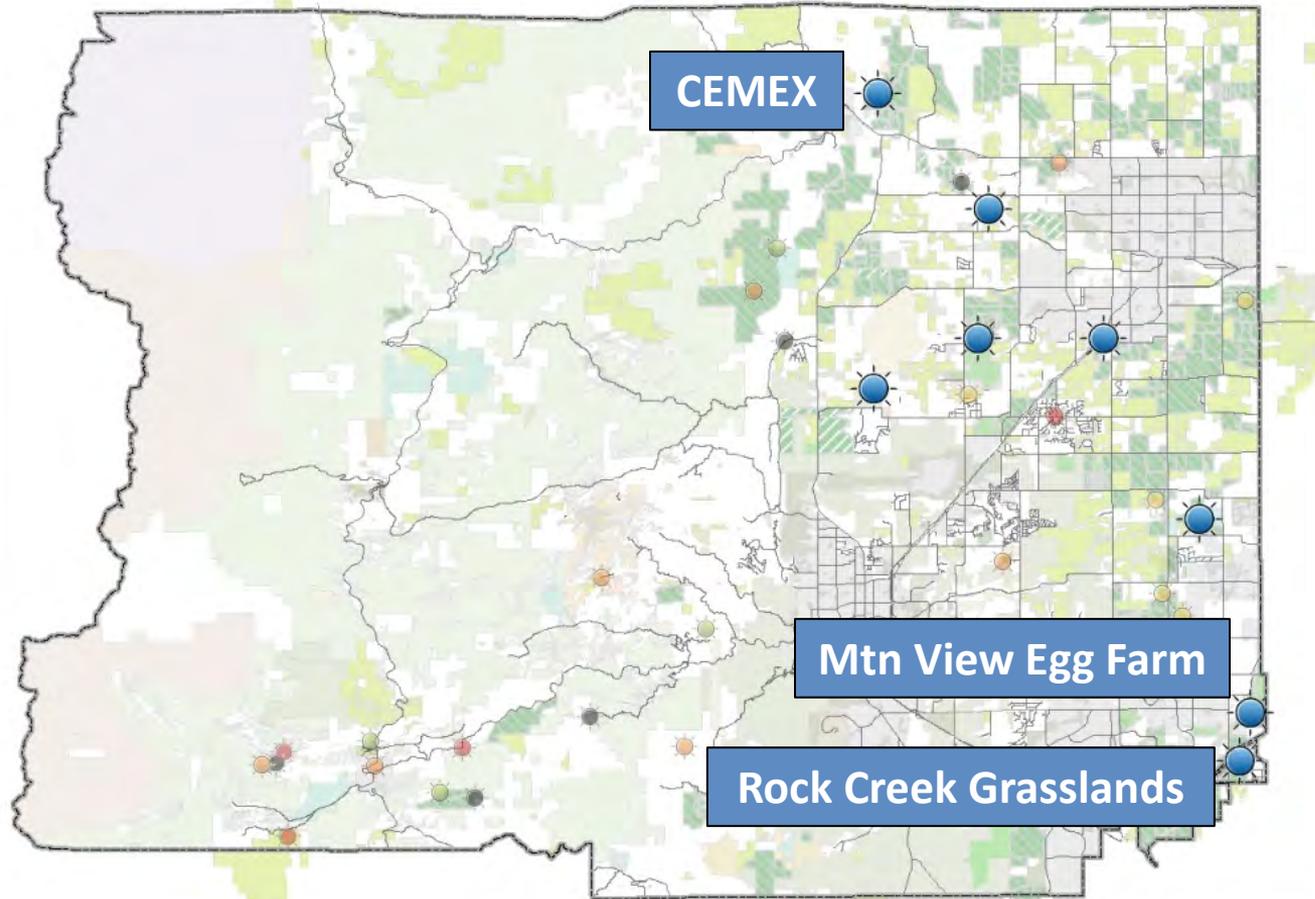
Parks & Open Space



- Agriculture
- Ecosystems
- Forestry
- Historic Preservation
- Public Education
- Recreation and Facilities



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Grassland Restoration: Mowing

- 2015: \$21,800
- Mowed 1,700 acres in-house
 - \$33,000 cost savings

2016-2020 funds allocated





Mt. View Egg Farm North

2016 - 2017

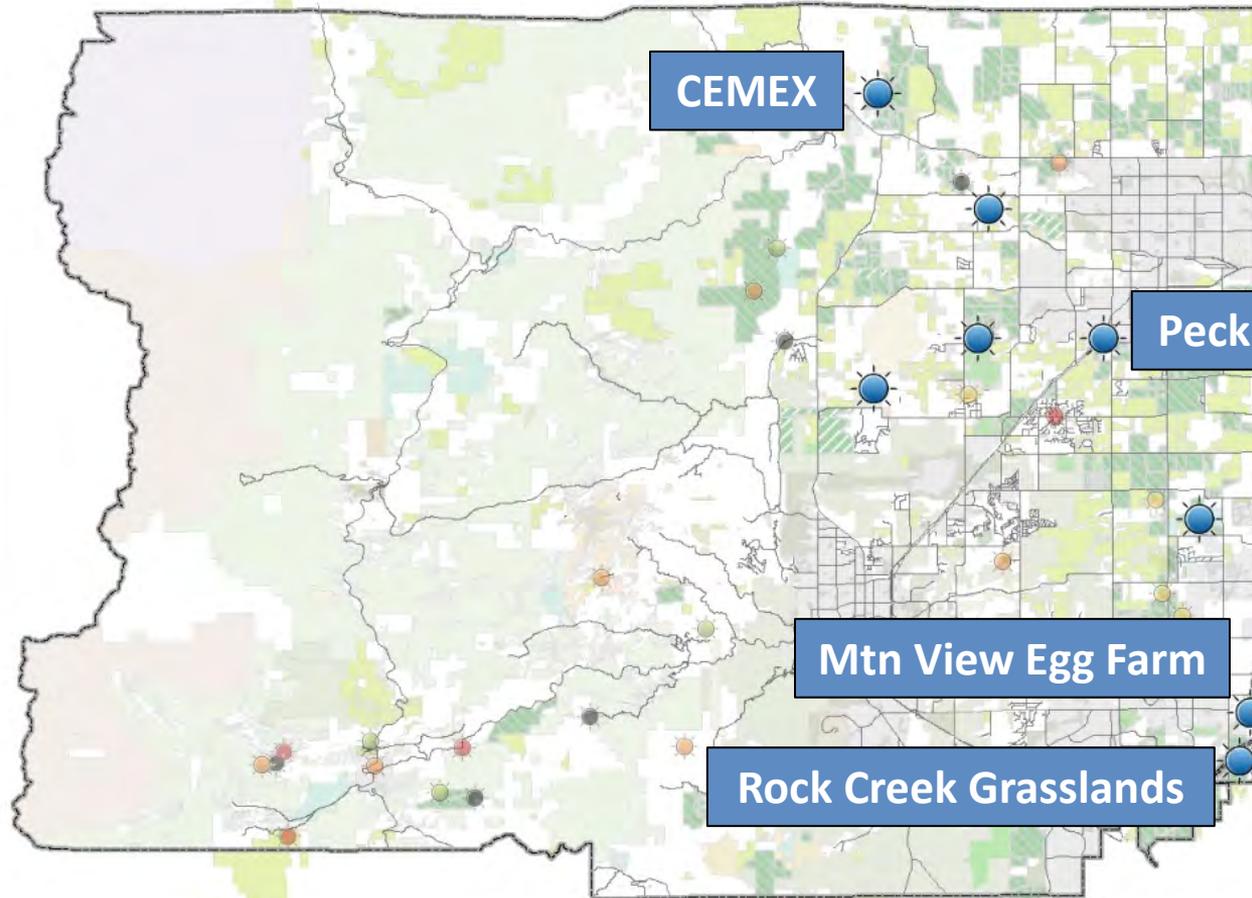




Rock Creek Grasslands Restoration 2015 - 2017



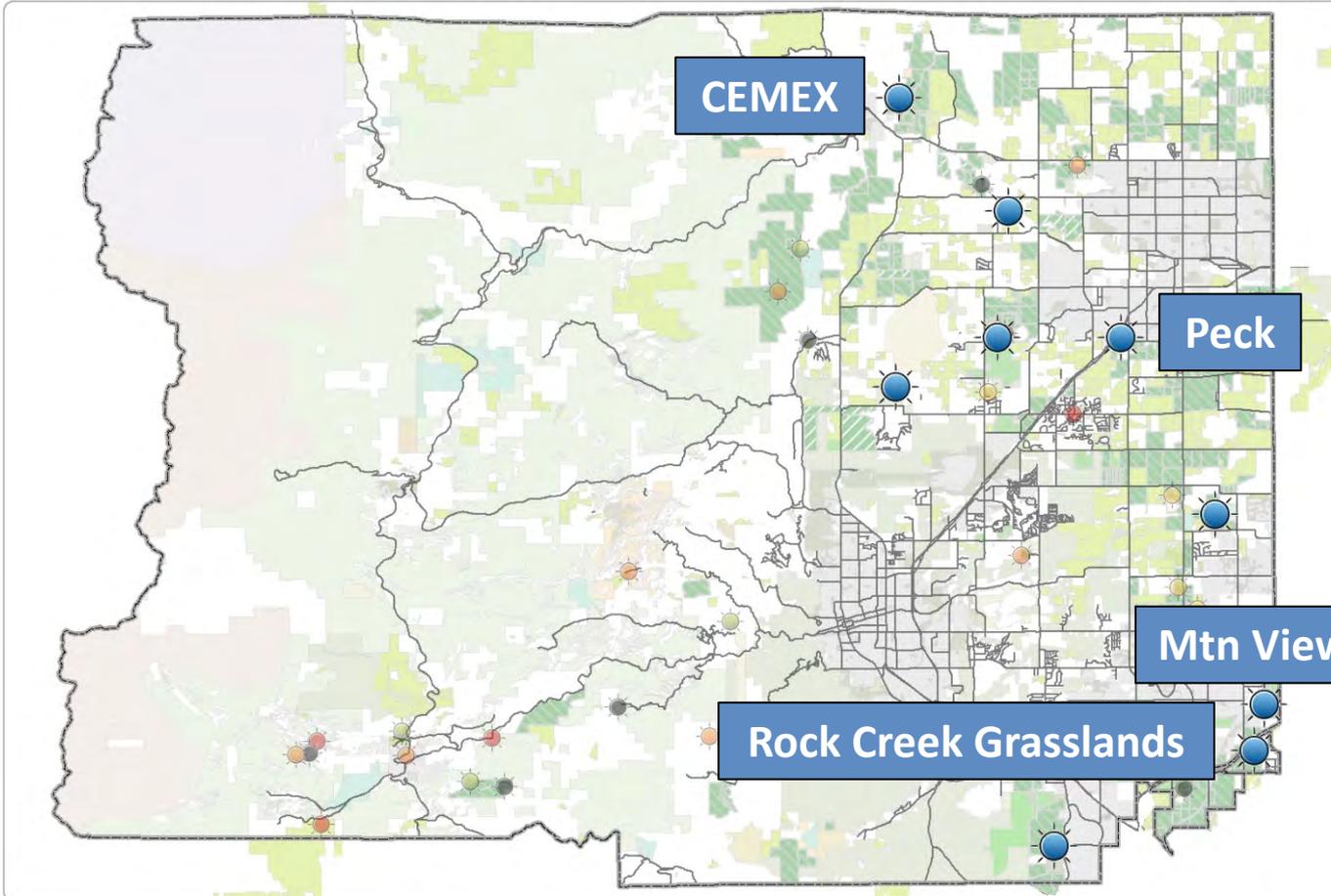
Ruth Roberts Property



2016 CIP Projects - Ecosystems



Parks &
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Agriculture



Ecosystems



Forestry



Historic Preservation



Public Education



Recreation and Facilities



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Native Plant Propagation

2015: Native Plant Propagation and Seed Garden: \$44,830

CIP & Rocky Flats Natural Resources Defense Fund Grant



Sideoats
Gramma,
Peck
Native Seed
Garden



Native Plant Propagation

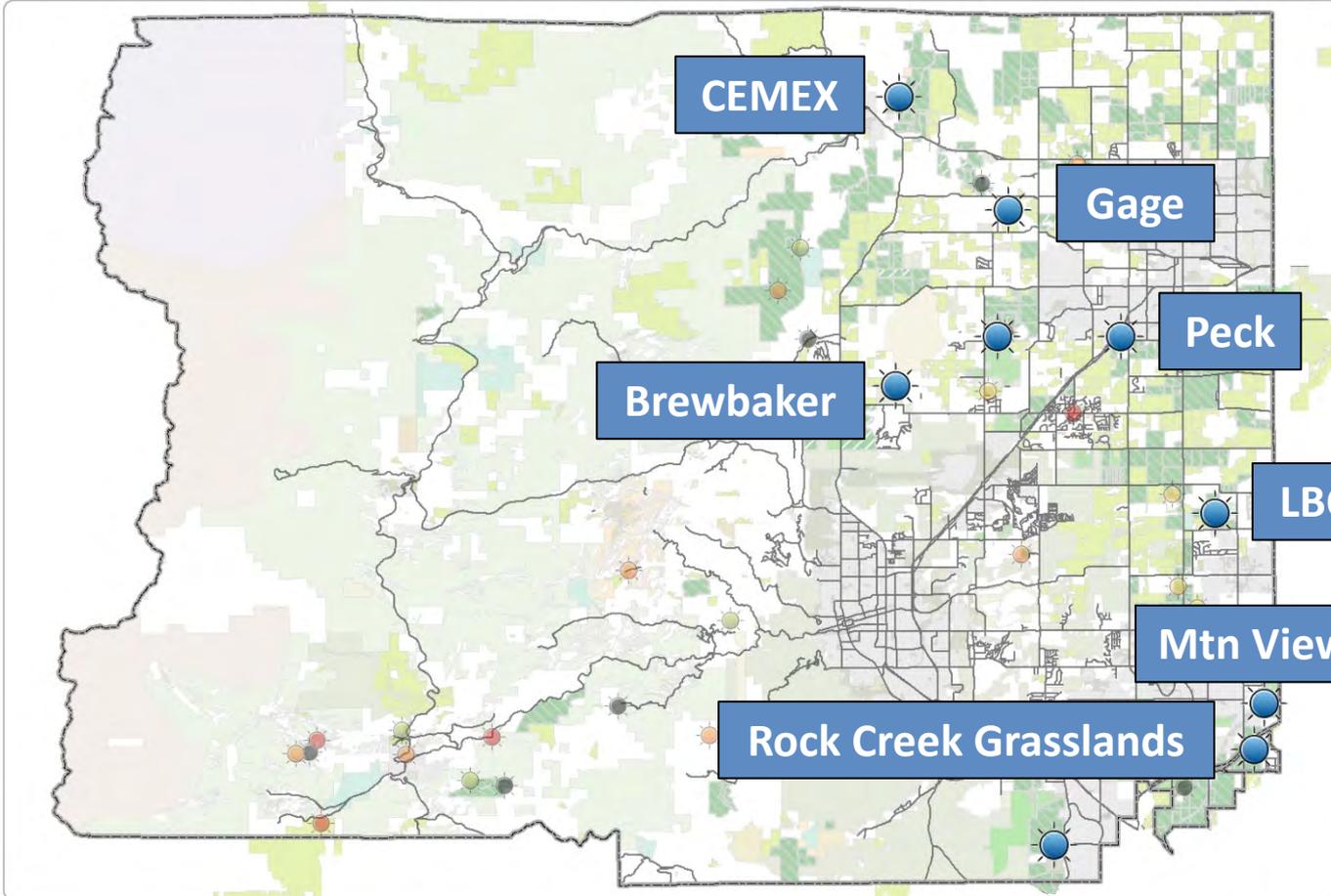


Volunteers collecting
Neomexican feathergrass

2016 CIP Projects - Ecosystems



Parks &
Open Space



2015: Riparian Restoration

\$110,000: CIP, UDFCD, CPW for construction







2016: Flood Restoration \$38,000

- Brewbaker
- South Branch
Ditch

Other projects:

- Doniphan
- Keyes
- Webster
Pond



Lower Boulder Creek

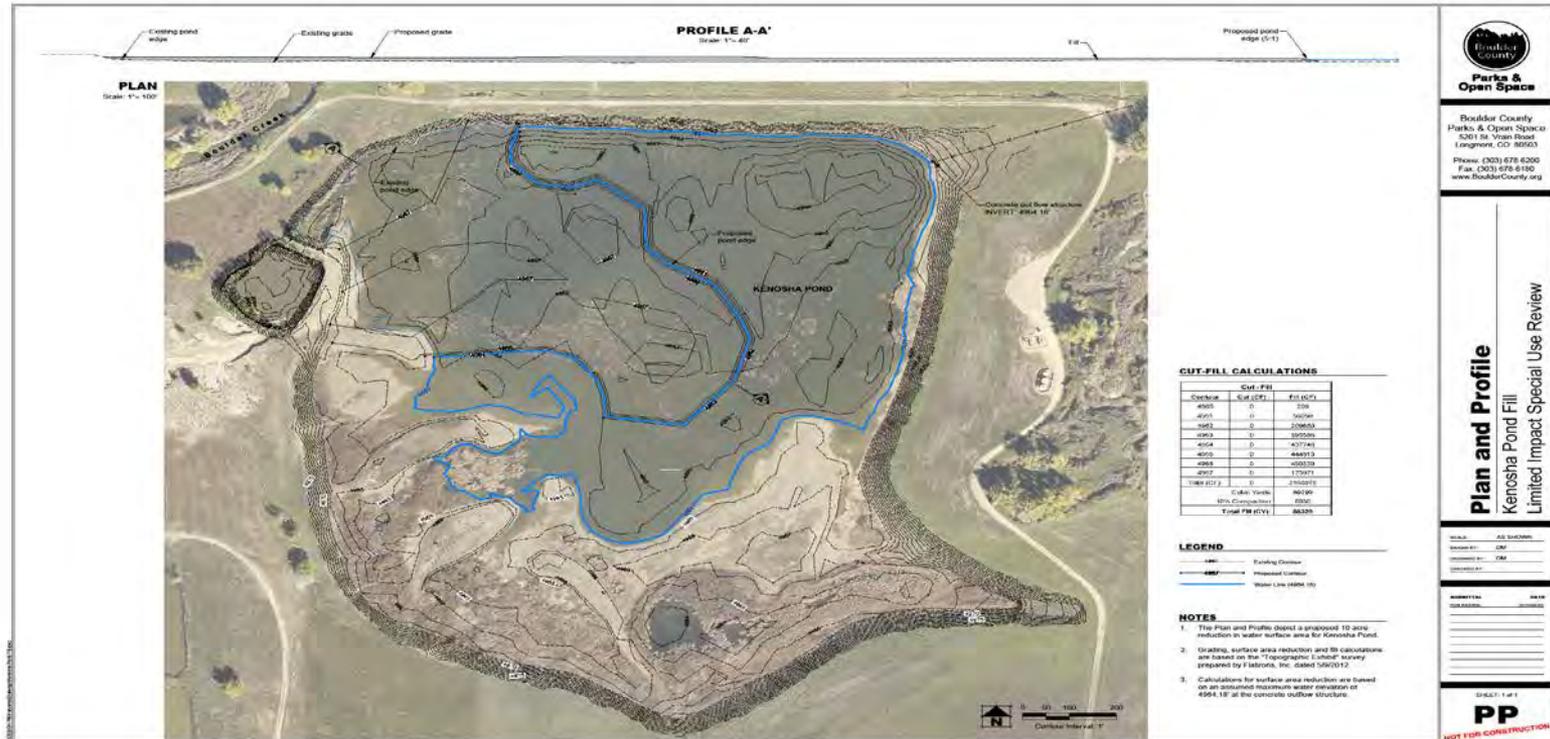


Lower Boulder Creek



2016 Lower Boulder Creek/Kenosha

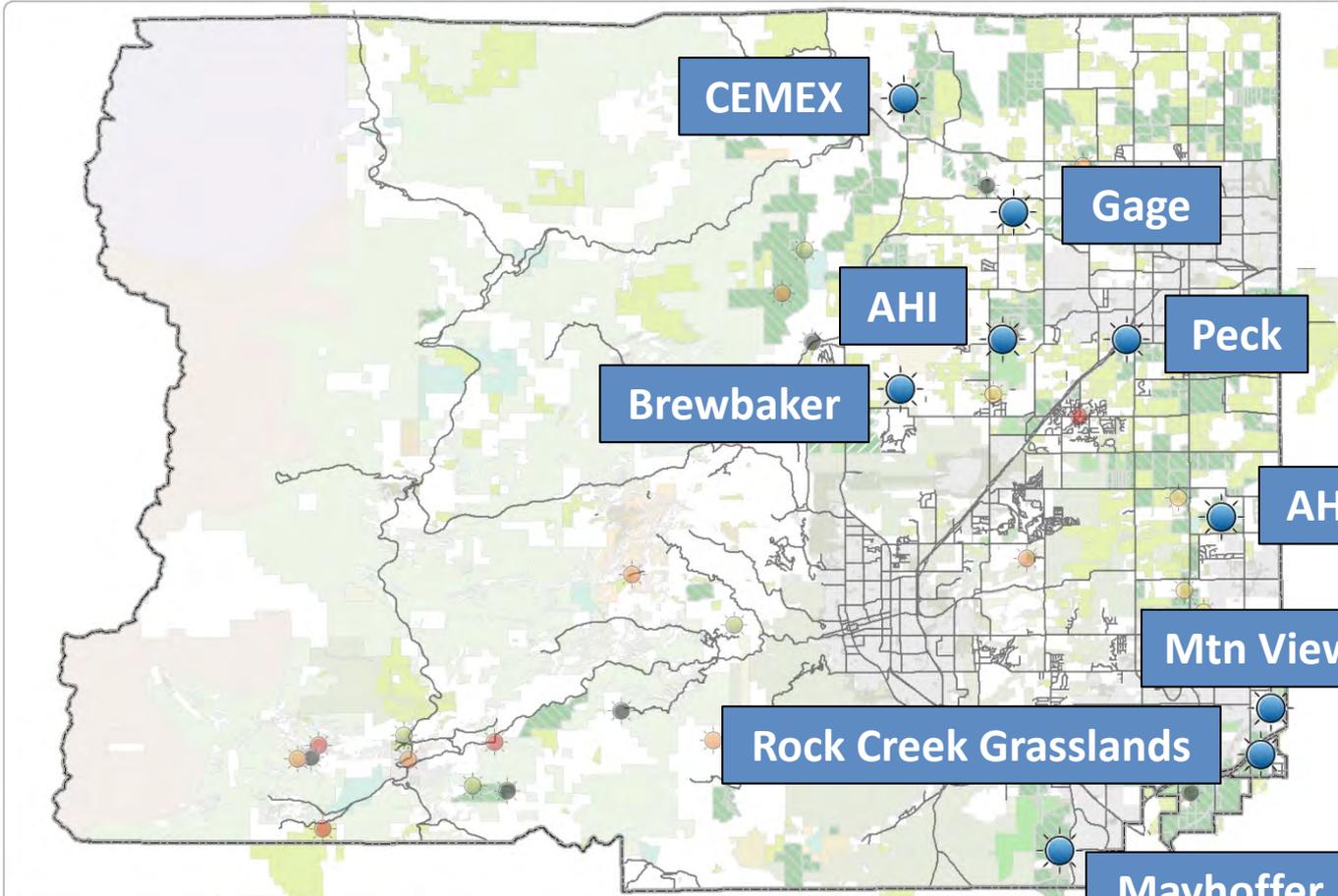
\$54,000



2016 CIP Projects - Ecosystems



Parks & Open Space



- Agriculture
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2016: Wildlife Habitat Restoration

Northern Leopard Frog Habitat Improvement



