



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
<b>Total</b>	<b>\$539,000</b>	<b>\$701,000</b>



# 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
<b>Total</b>	<b>\$576,000</b>	<b>\$125,000</b>	<b>\$701,000</b>

# 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
<b>Grand Total</b>	<b>\$642,269</b>	<b>\$630,296</b>	<b>\$202,076</b>	<b>\$701,000</b>	<b>\$2,175,641</b>





# 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

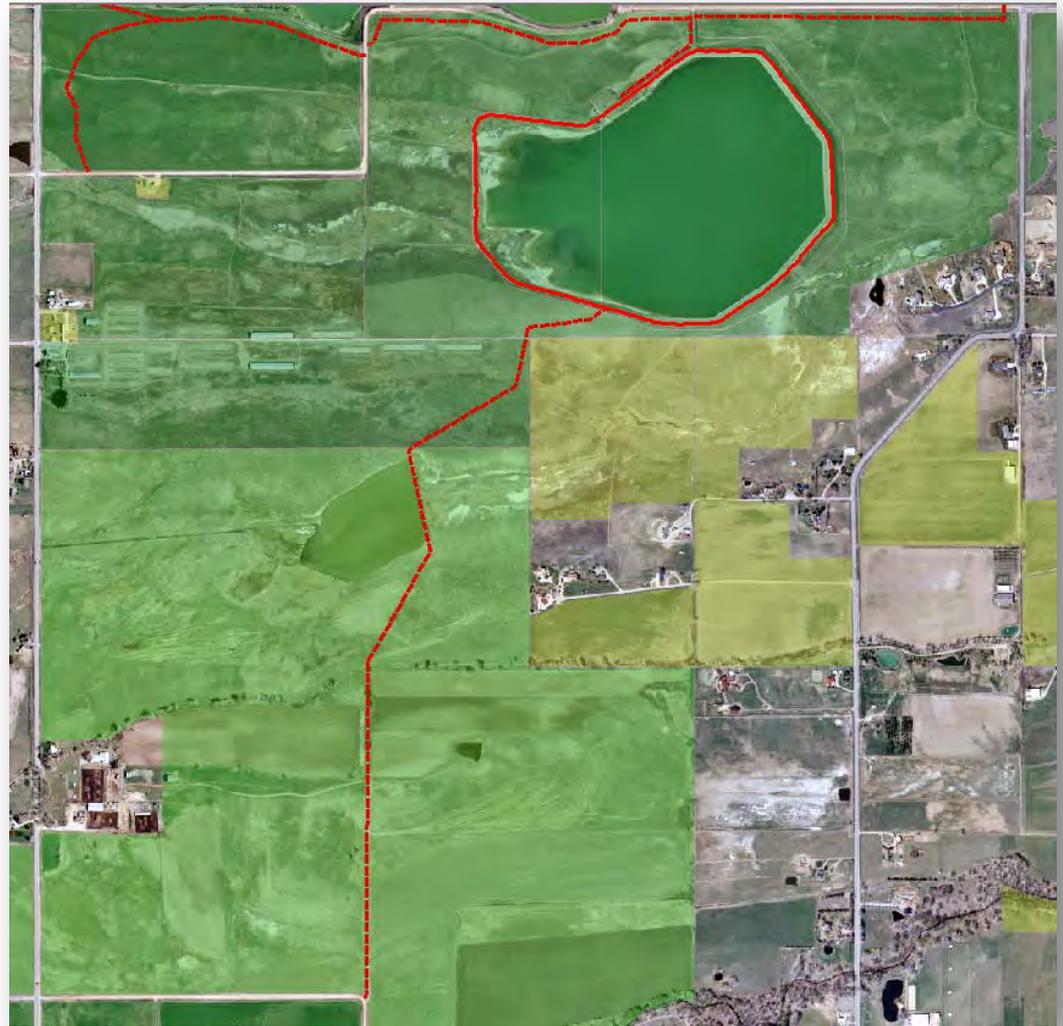
2018: GA

2019: \$80,000

2020: \$70,000



# Imel Connector Trail (2019-2020)





# 2016: Wildlife Habitat Restoration

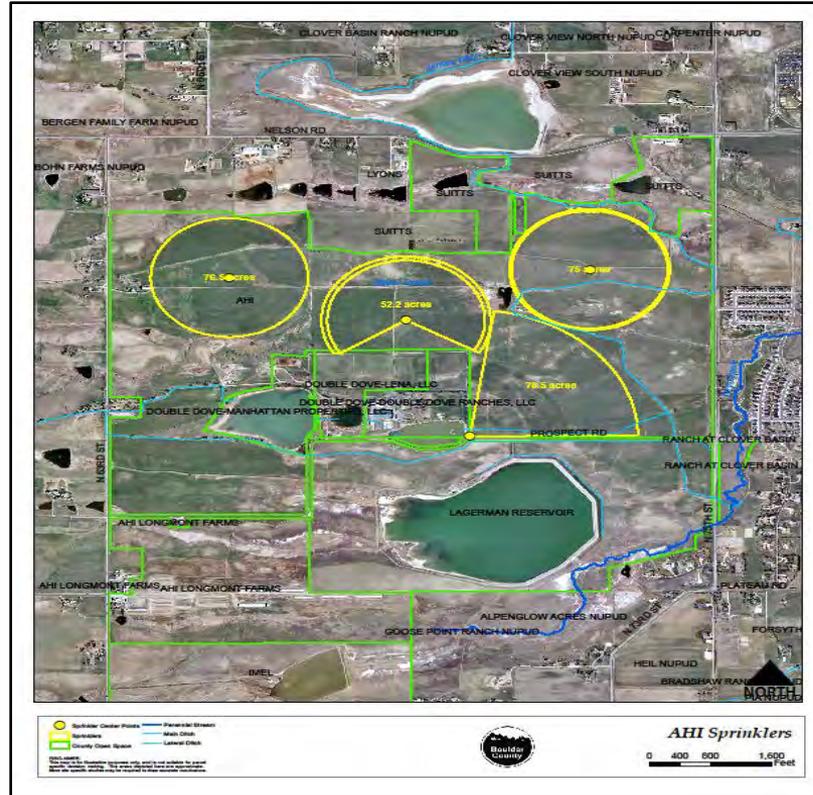
AHI Turkey Farm \$7k, 16.5 acres



# 2018: AHI Sprinkler Replacement

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

- Organic hay farm
- Swing arm sprinkler for trail system



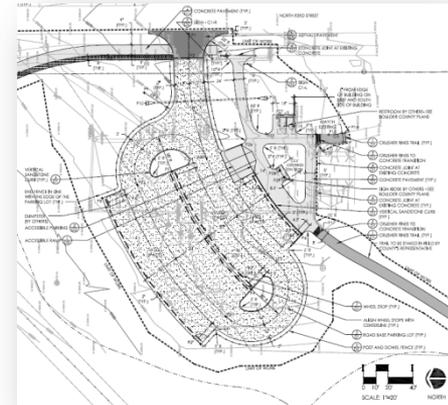
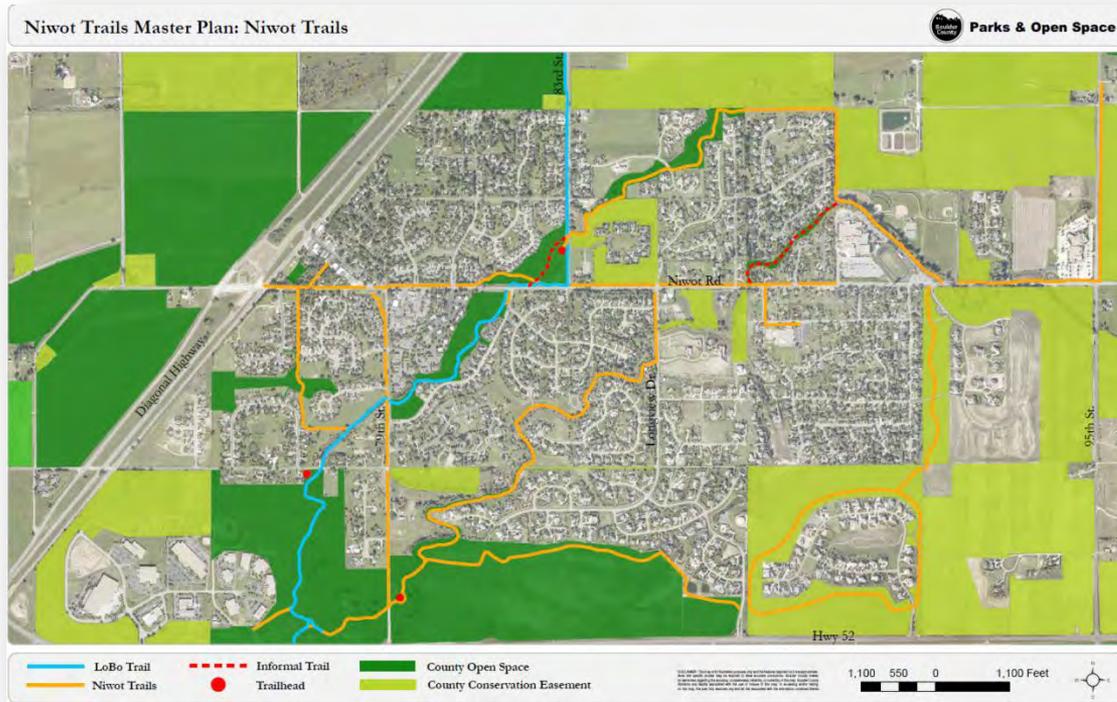




# 2015: Niwot/Somerset Trail - \$8,000



# 2016: Niwot Trail and LHVG Improvements



- Formalize two informal trails
- Redesign and construct LHV Trailhead





# 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

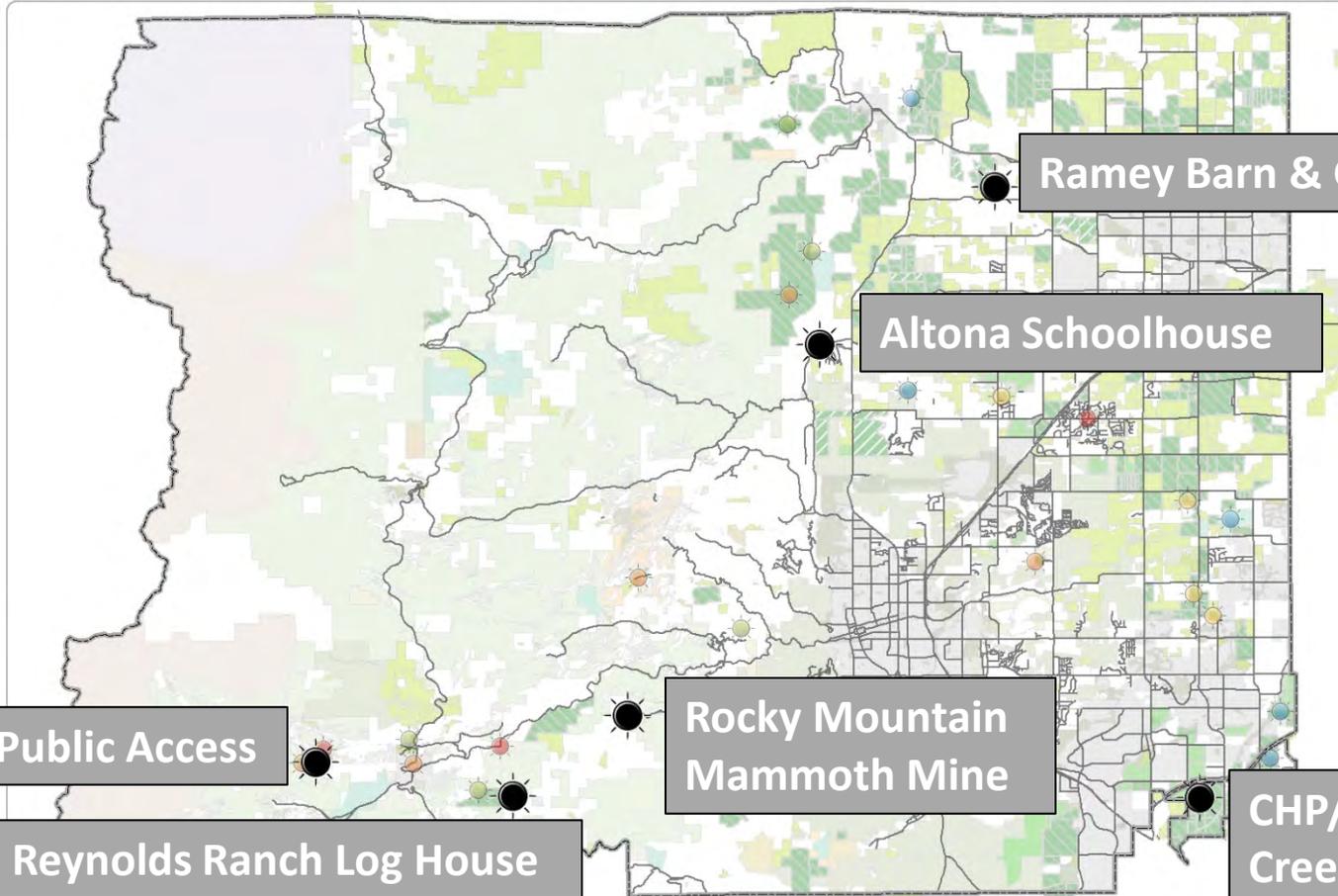
- Ramey Barn & Granary
- Rocky Mountain Mammoth Mine
- CHP at RCF buildings
- Altona Schoolhouse
- Cardinal Mill
- Reynolds Ranch Cabin
- Heil South Barn
- Henning Barn
- Braly Barn
- Olivieri Buildings
- Tumbleson House



# 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

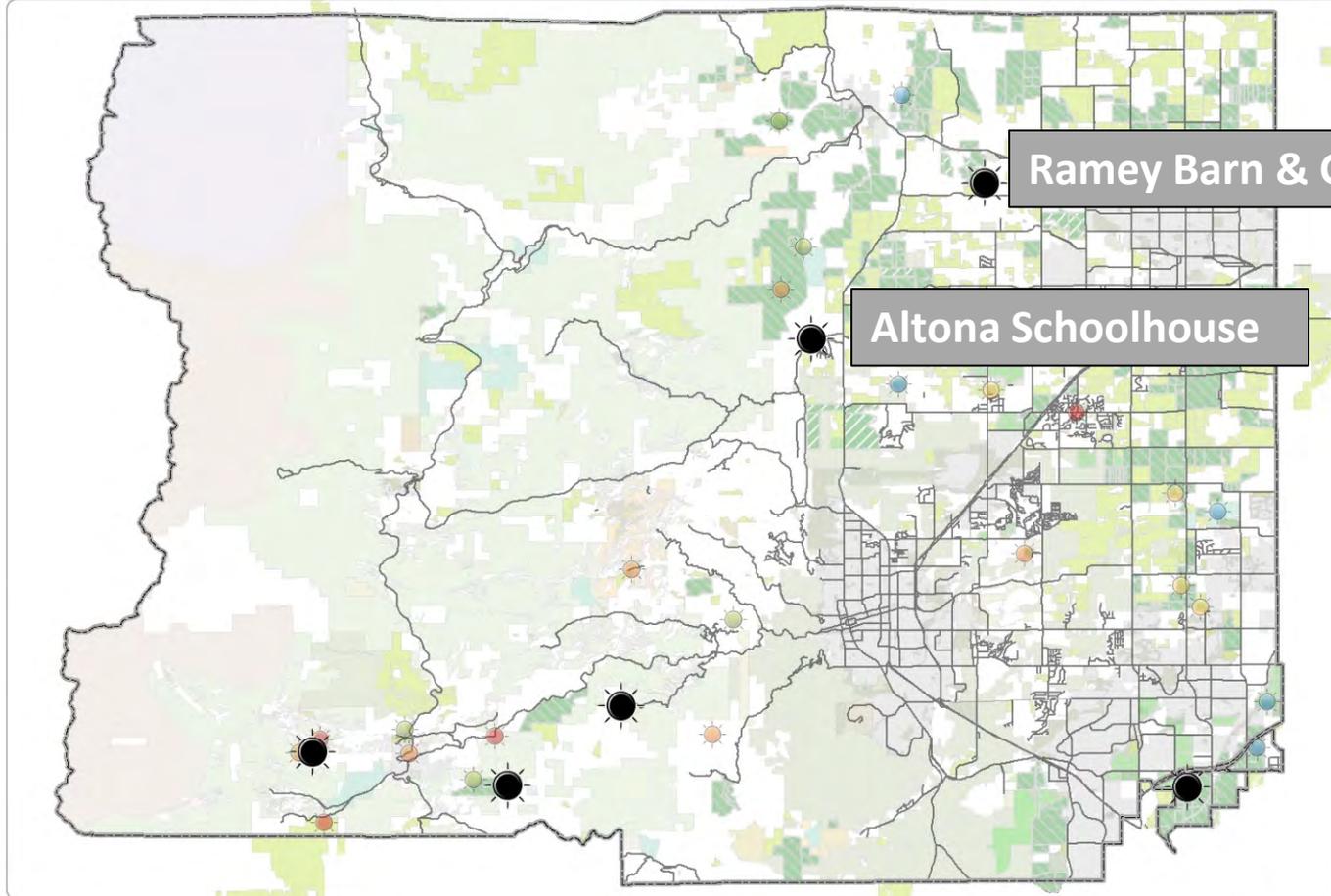
\$95,000 (Carryover from 2015)

**Barn**



**Granary**





Ramey Barn & Granary

Altona Schoolhouse



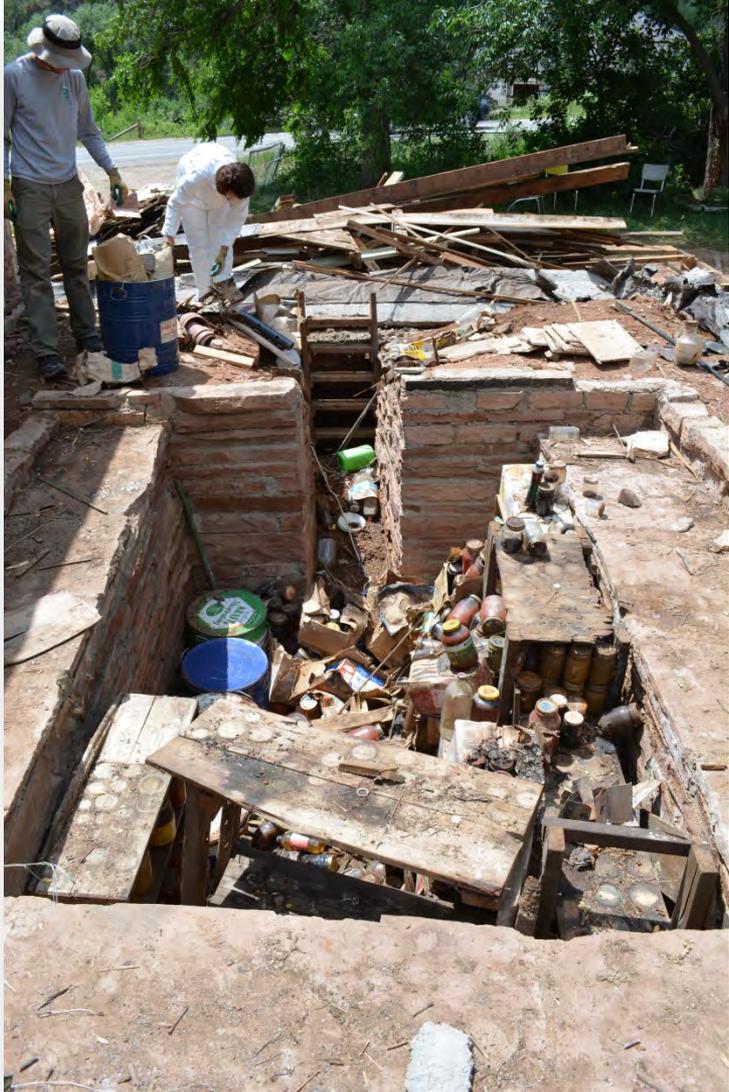
# 2015: Altona Schoolhouse

Before



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









# 2015: Altona Schoolhouse

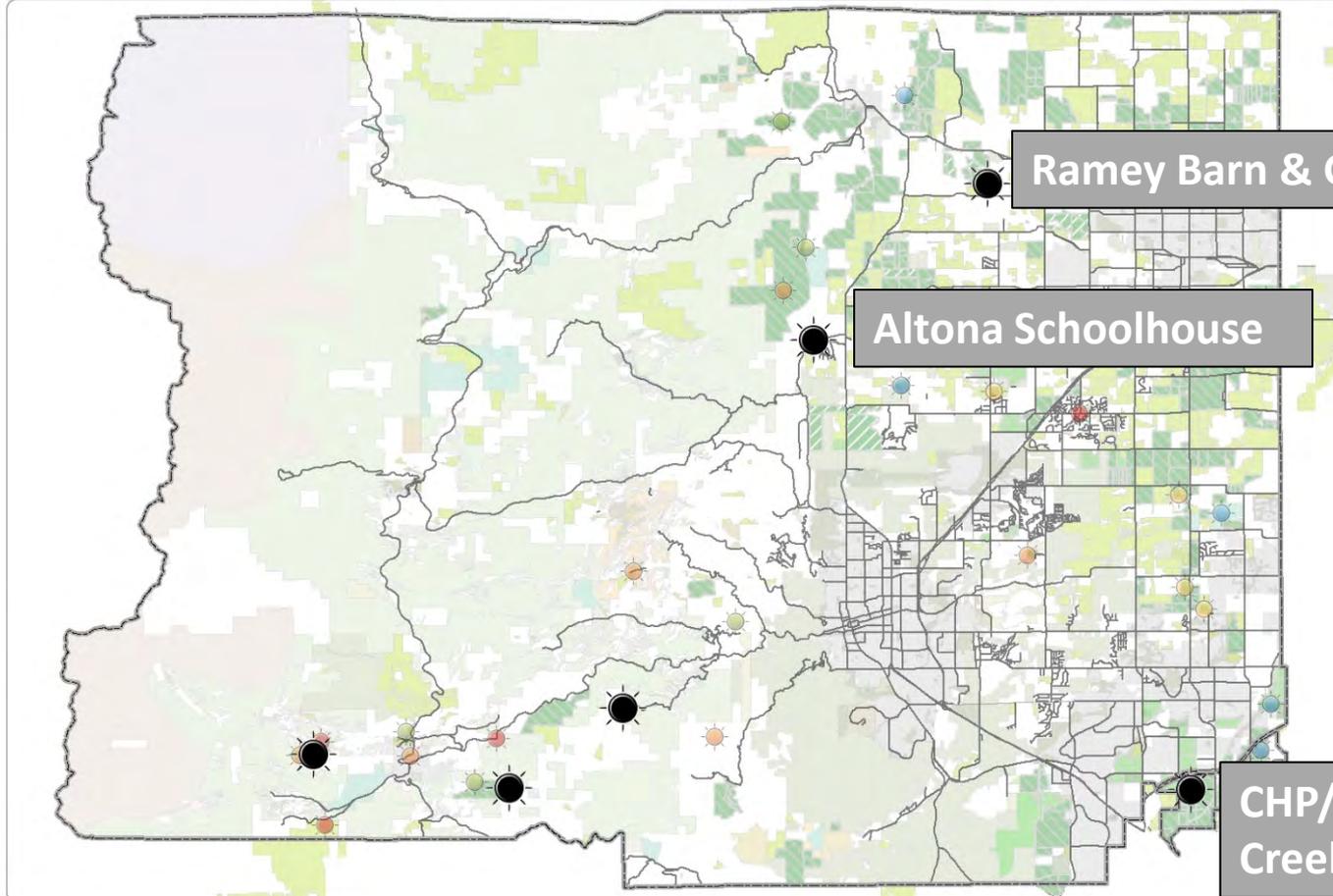
## After



# 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



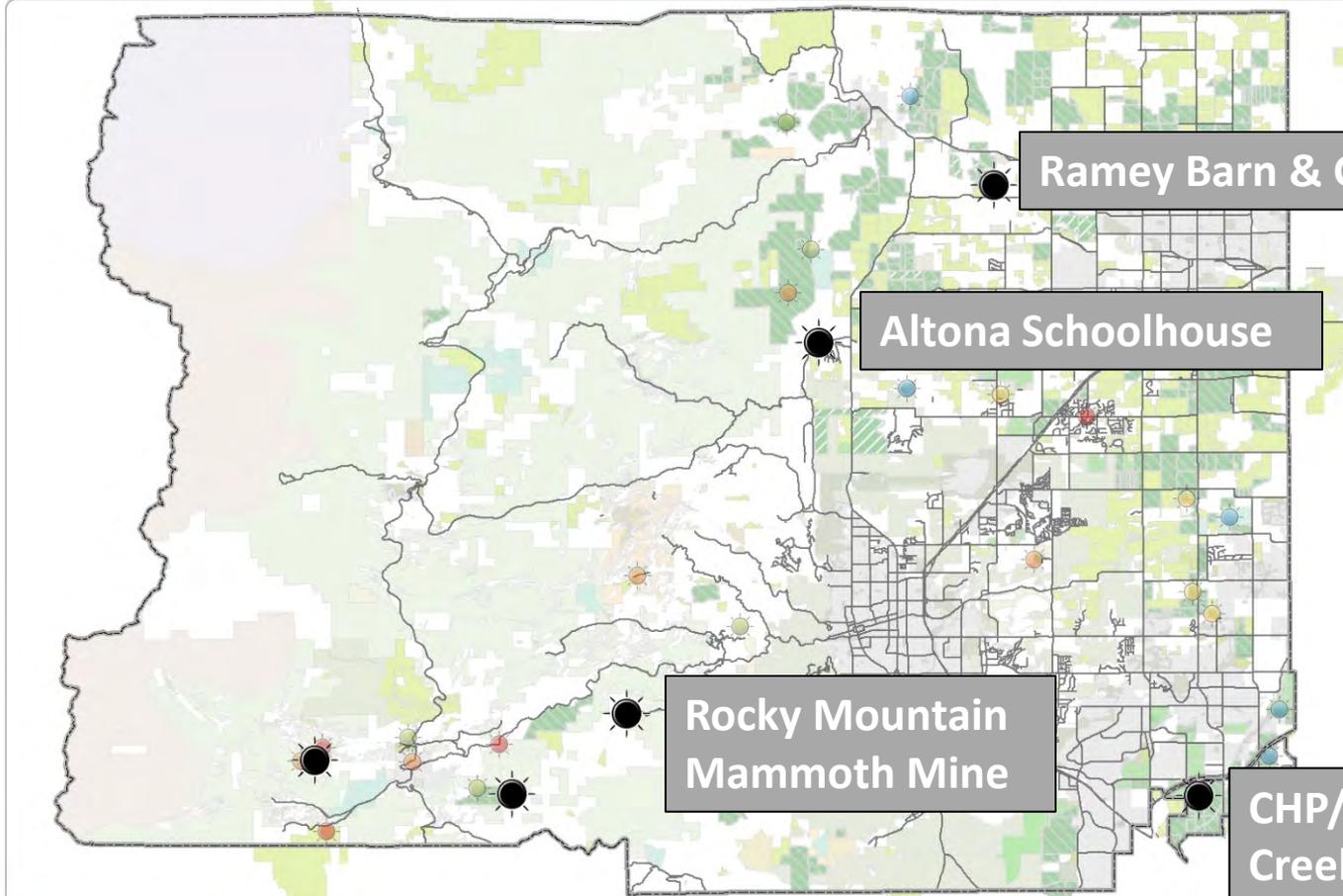
2017: \$10,000 for repair work on RCF outbuildings (in-house)



# 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



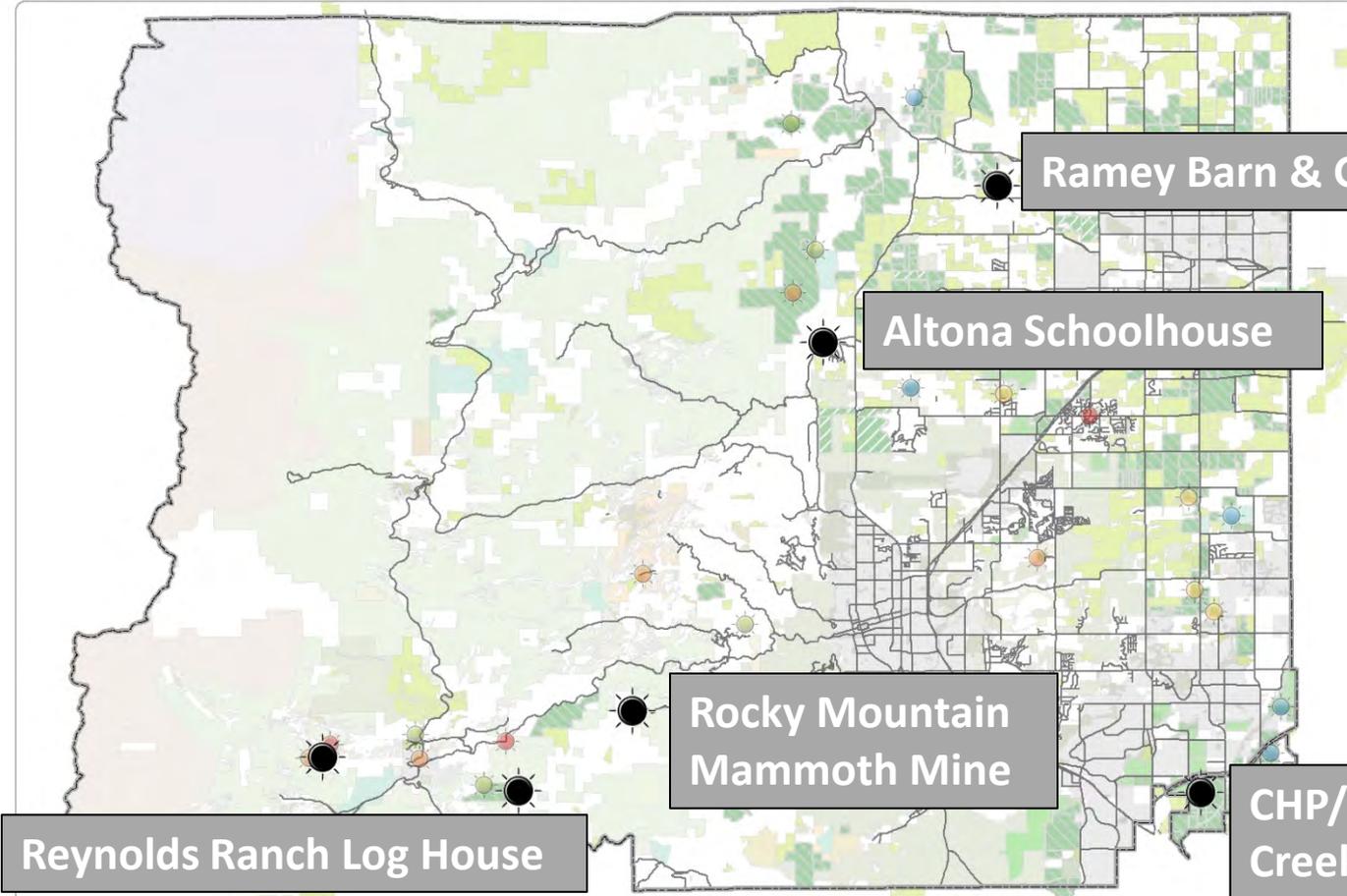
# Rocky Mountain Mammoth Mine

## Shaft House Interior Bracing





# 2016 CIP Projects - Historic Preservation



Reynolds Ranch Log House

Rocky Mountain Mammoth Mine

Ramey Barn & Granary

Altona Schoolhouse

CHP/Rock Creek Farm

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



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# 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

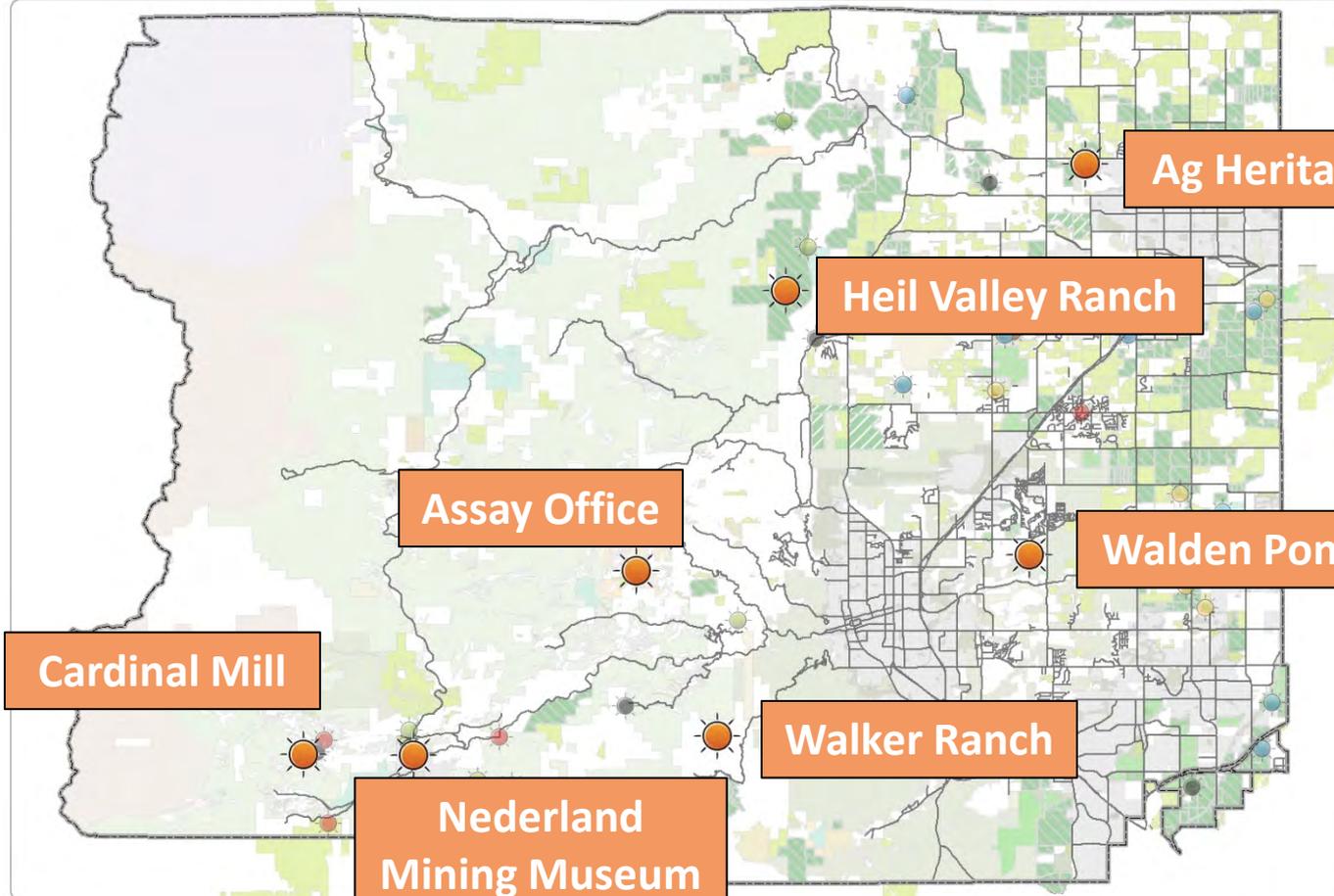
2016: volunteer  
management software

## 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

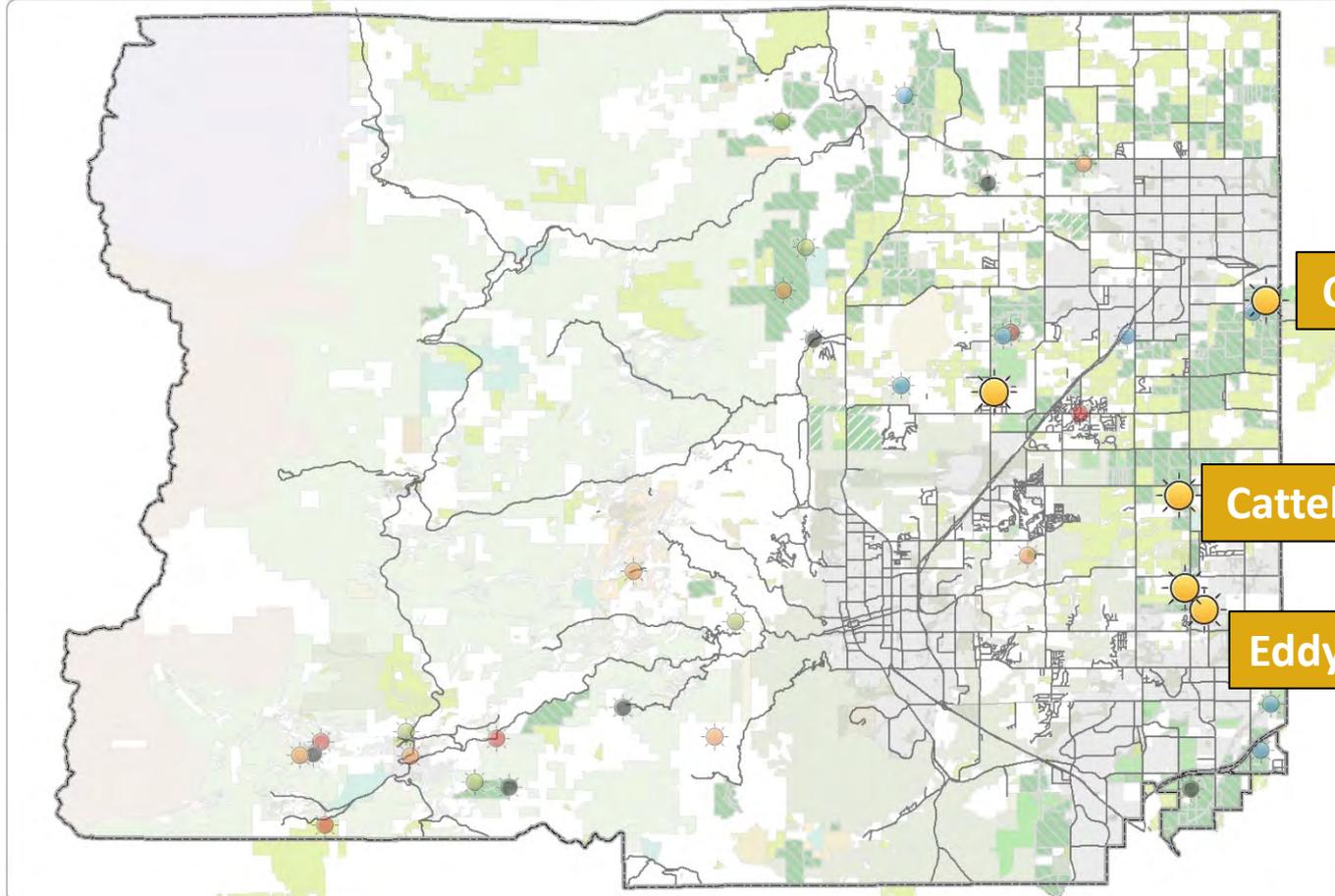
\$25,000 booster pump

\$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

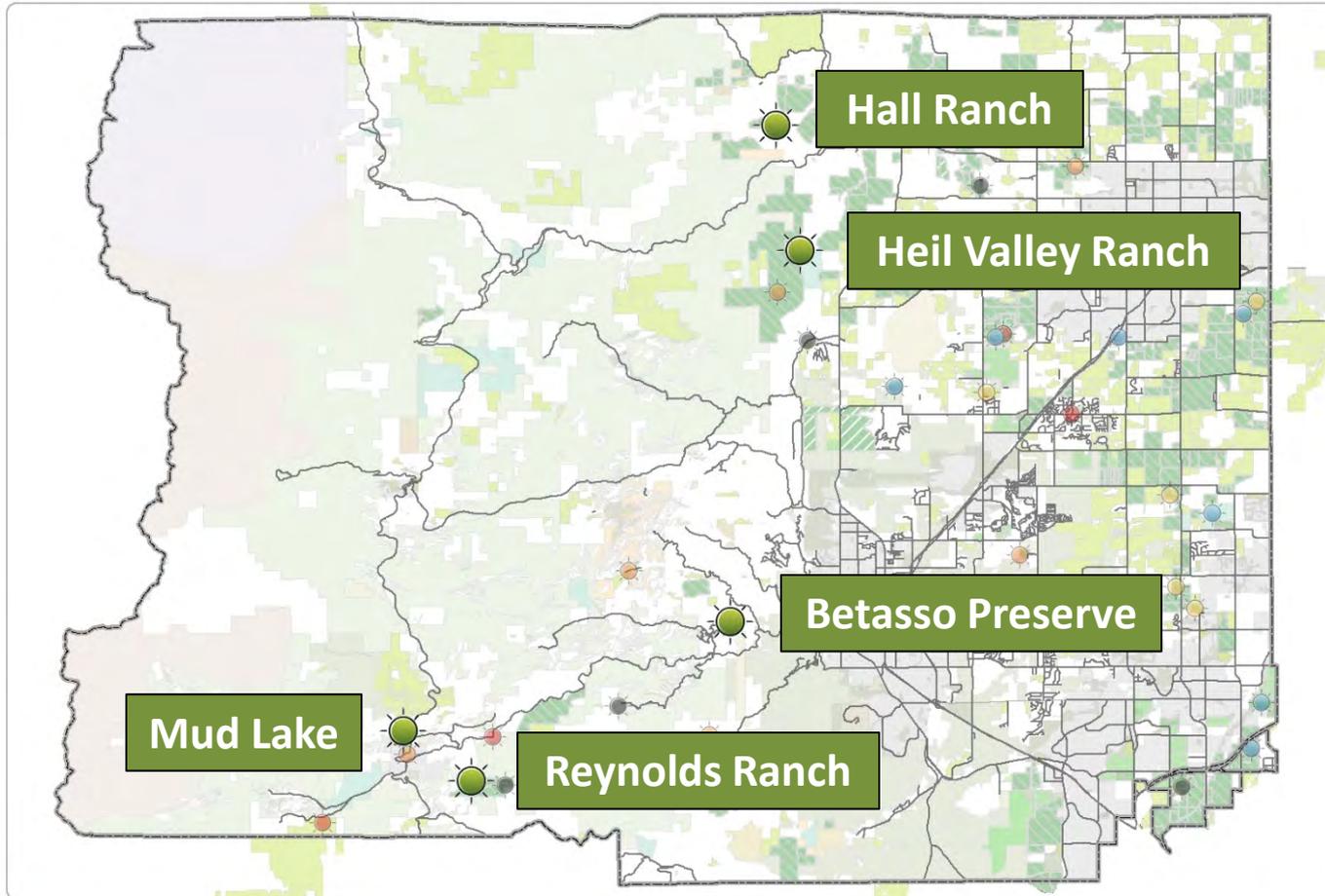
- Ponderosa Forest: Betasso, Heil, Walker
- Mixed Conifer Forest: Reynolds, Caribou
- Rx Burn: Heil, Hall, Betasso
- Weed Management: Mud Lake, Reynolds, Betasso, Hall
- Access Road Maintenance: Hall



# 2016 CIP Projects - Forestry



Parks & Open Space



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



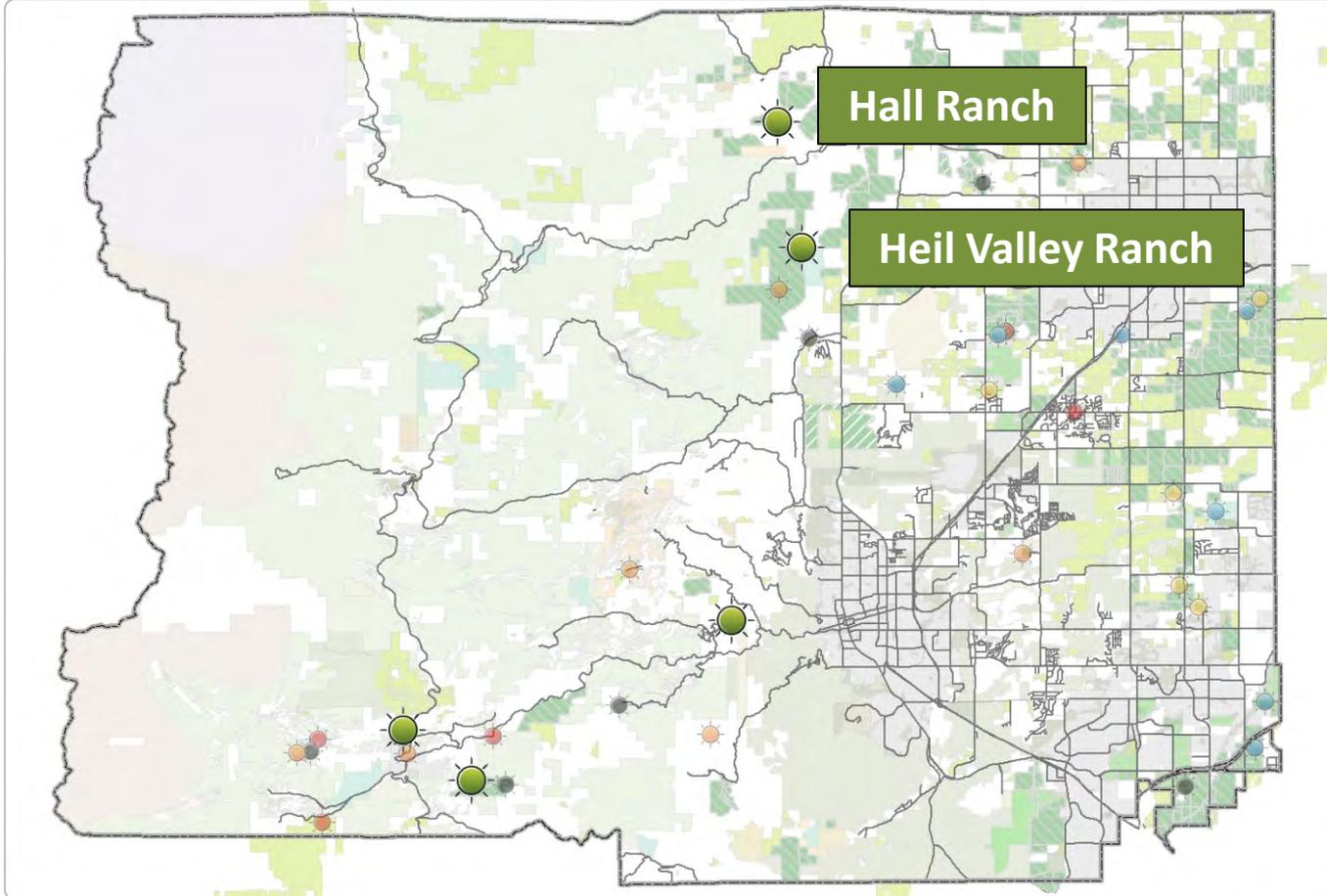
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# 2016 CIP Projects - Forestry



Parks & Open Space



- Agriculture
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# Hall Ranch Nighthawk Rx Burn

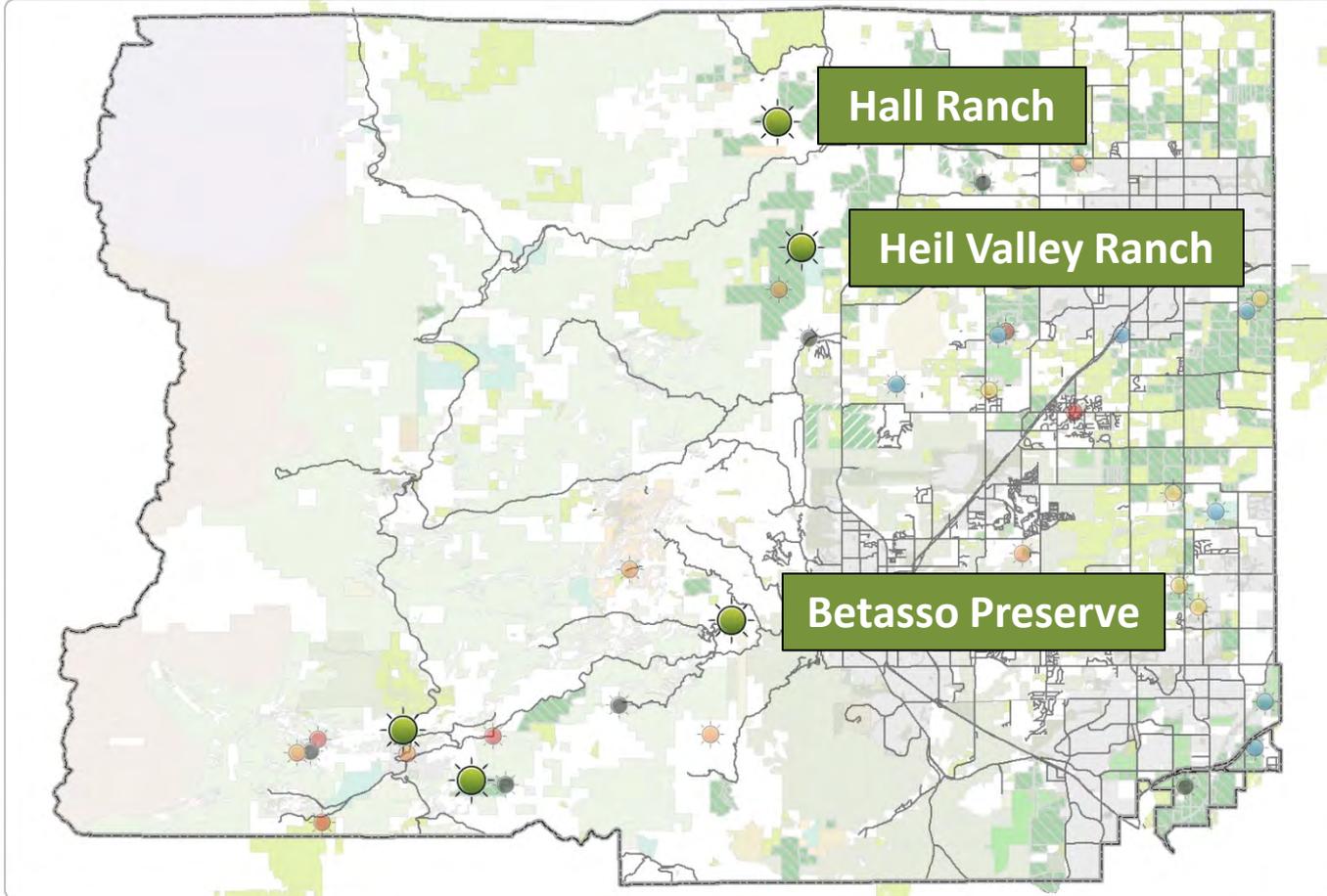




# 2016 CIP Projects - Forestry



Parks & Open Space



Agriculture



Ecosystems



Forestry



Historic Preservation



Public Education



Recreation and Facilities





# Ponderosa Large Scale Restoration

Betasso Preserve  
2015: CIP & FEMA PDM Grant

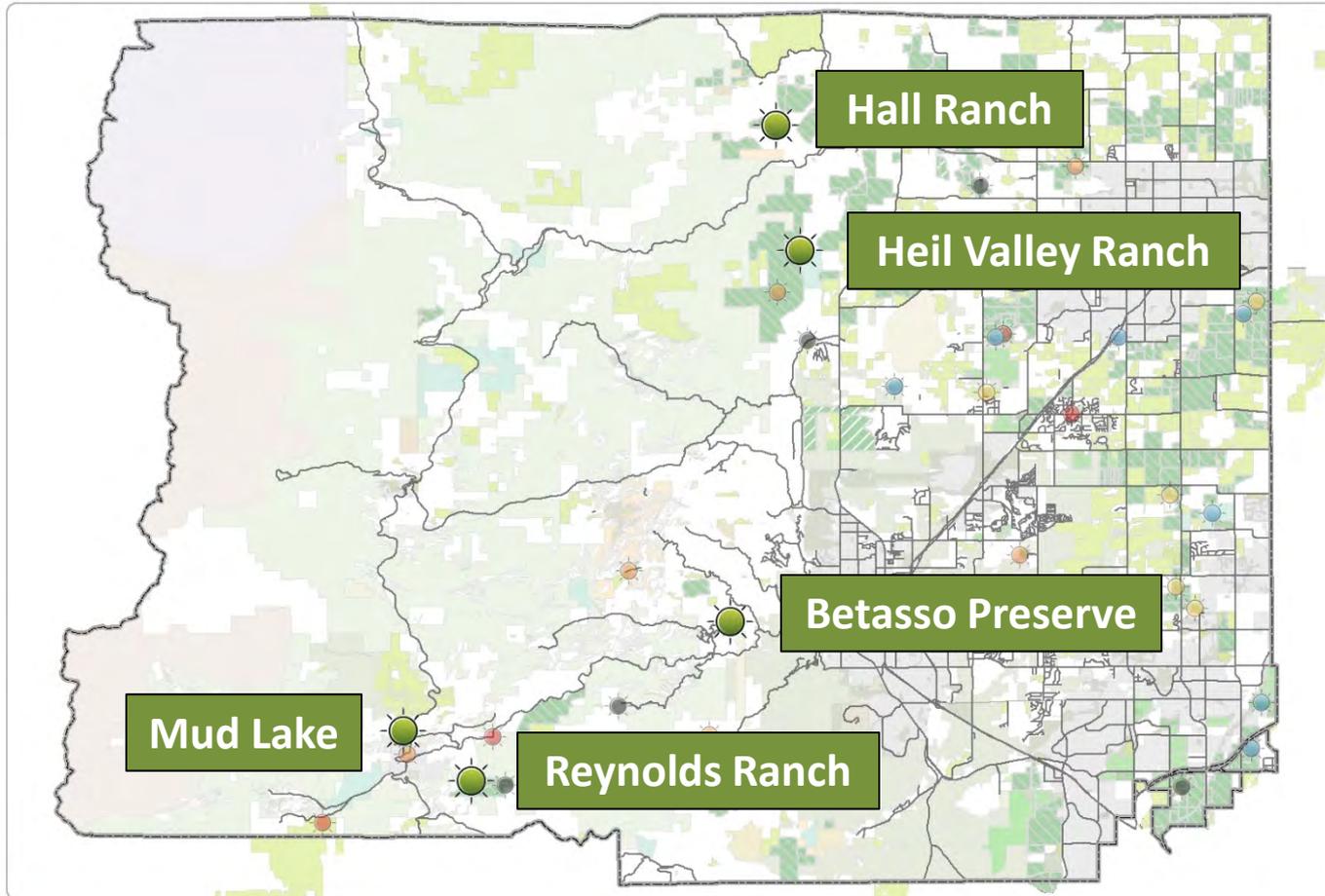




# 2016 CIP Projects - Forestry



Parks & Open Space



Agriculture



Ecosystems



Forestry



Historic Preservation



Public Education



Recreation and Facilities





# Post-Reclamation Weed Management

## Reynolds Ranch & Mud Lake





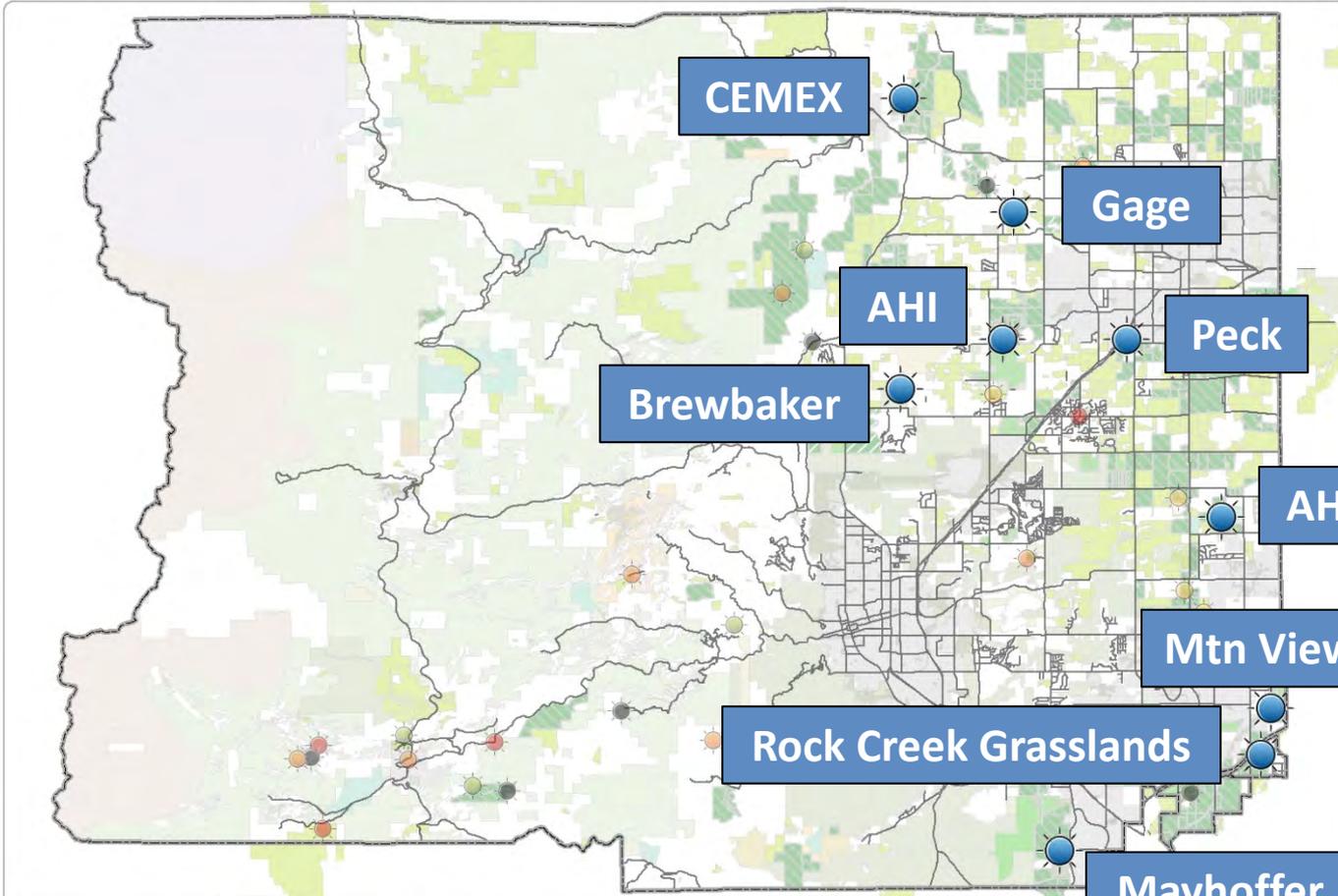
# Ecosystems Projects

- 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



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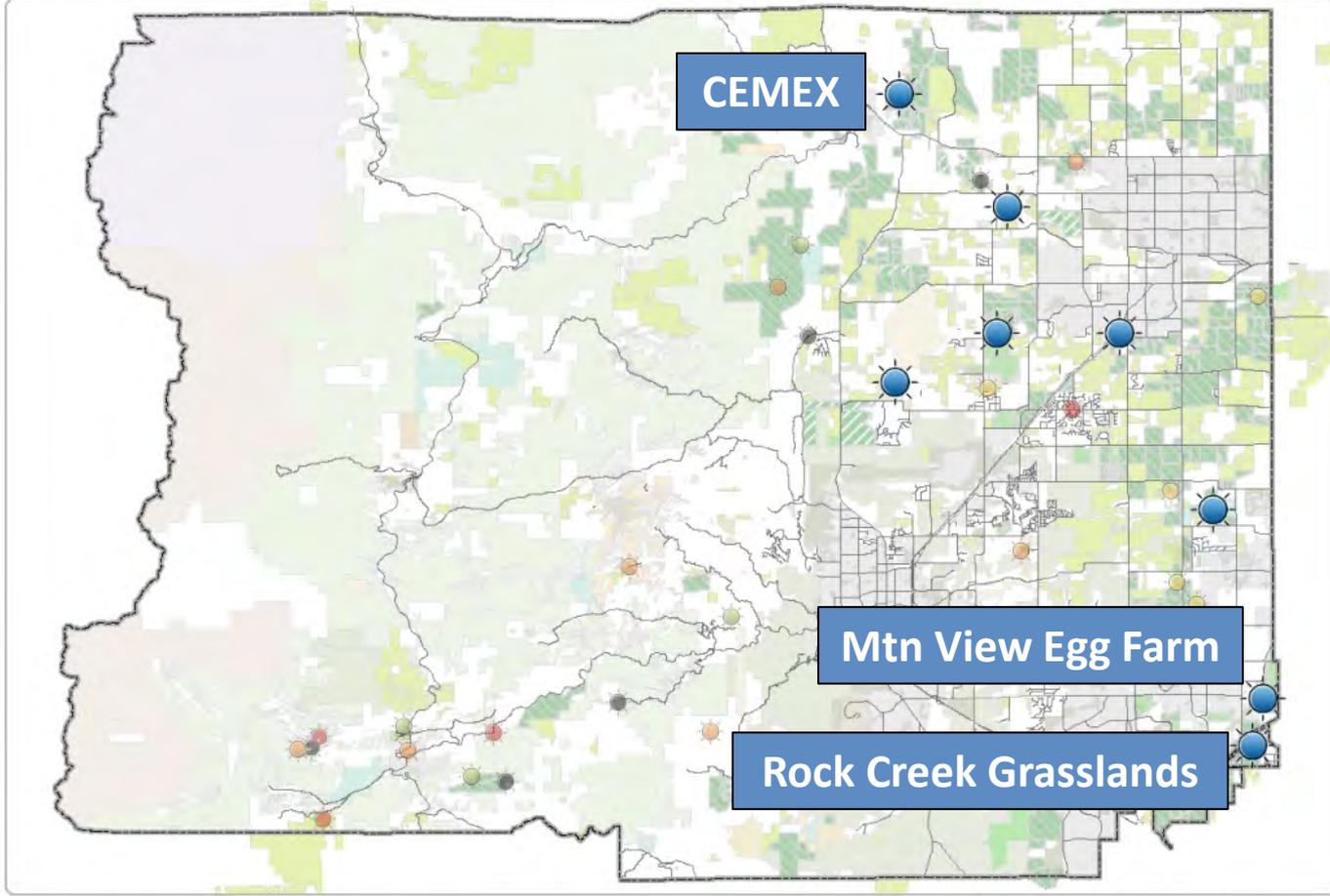
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# 2016 CIP Projects - Ecosystems



Parks & Open Space



- Agriculture
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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

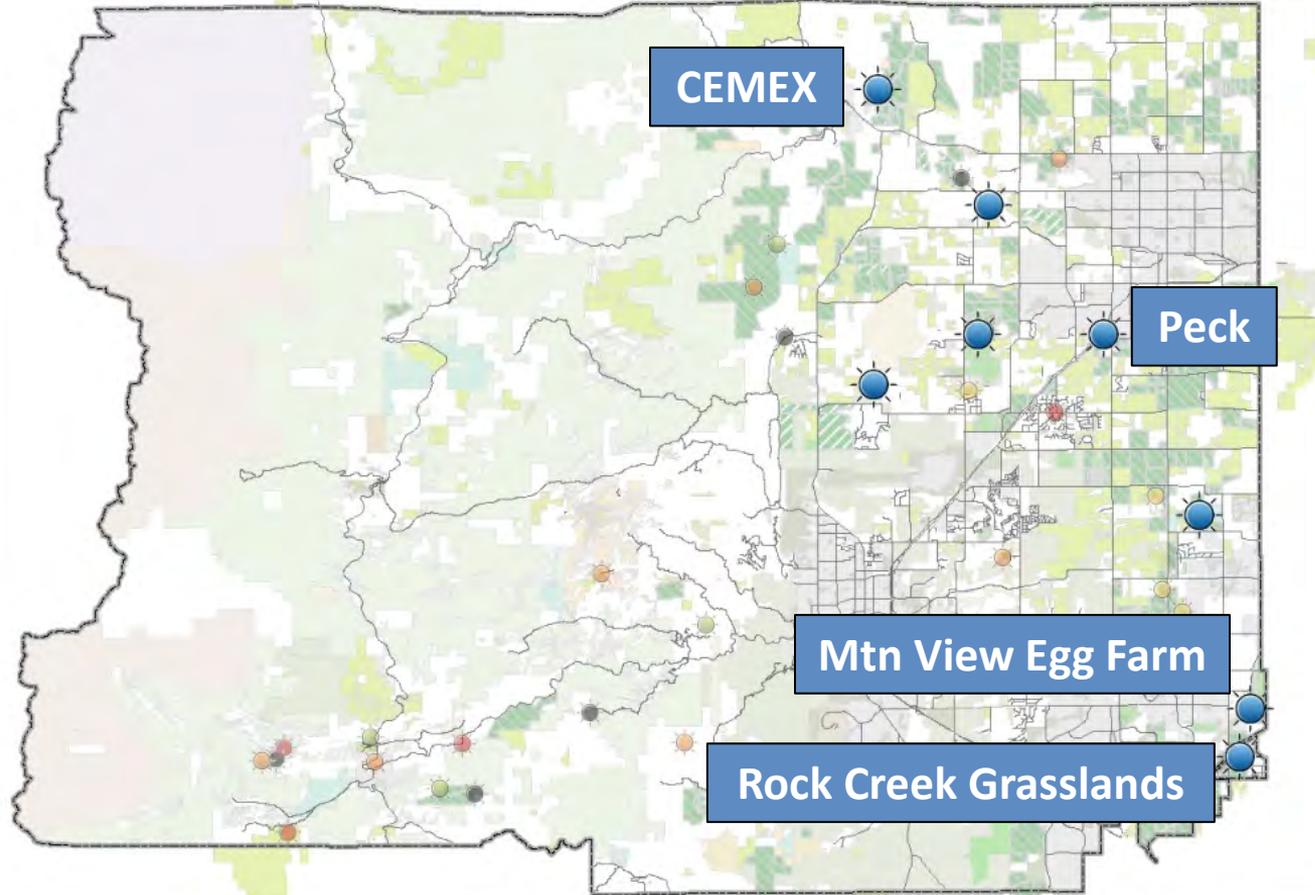




# Rock Creek Grasslands Restoration 2015 - 2017



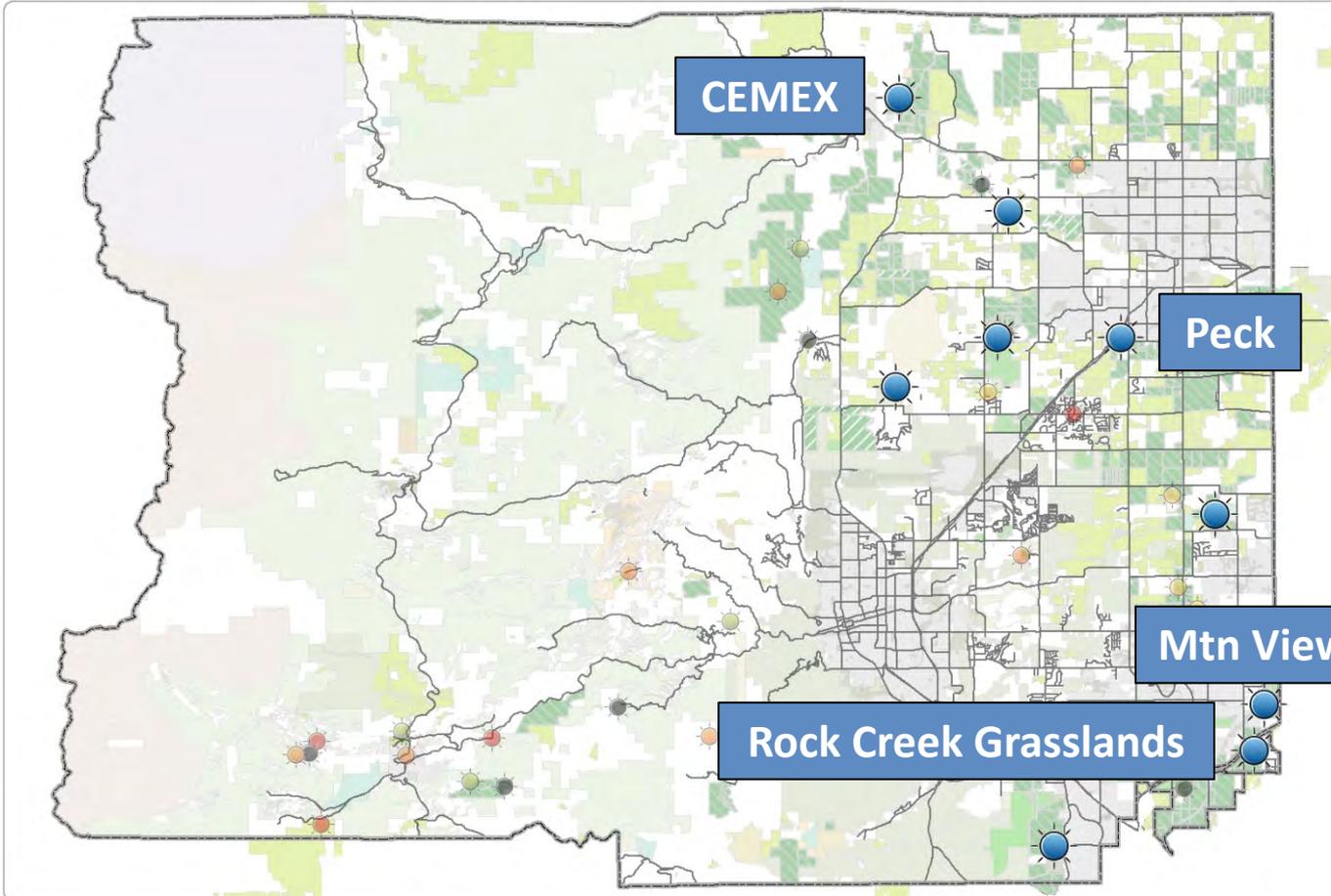
Ruth Roberts Property



# 2016 CIP Projects - Ecosystems



Parks &  
Open Space





# 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

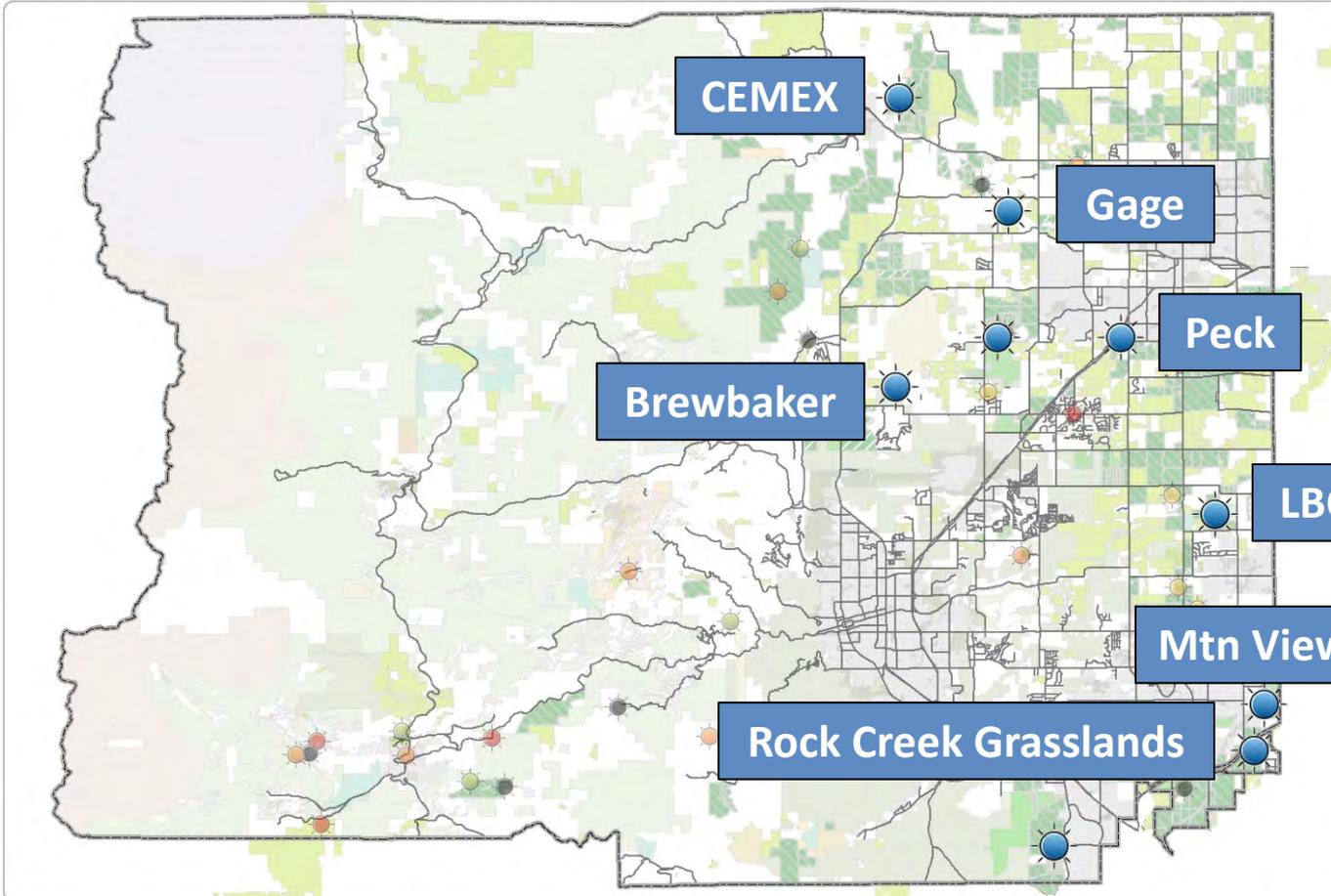


Volunteers collecting  
*Neomexican feathergrass*

# 2016 CIP Projects - Ecosystems



Parks &  
Open Space



# 2015: Riparian Restoration

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



# 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

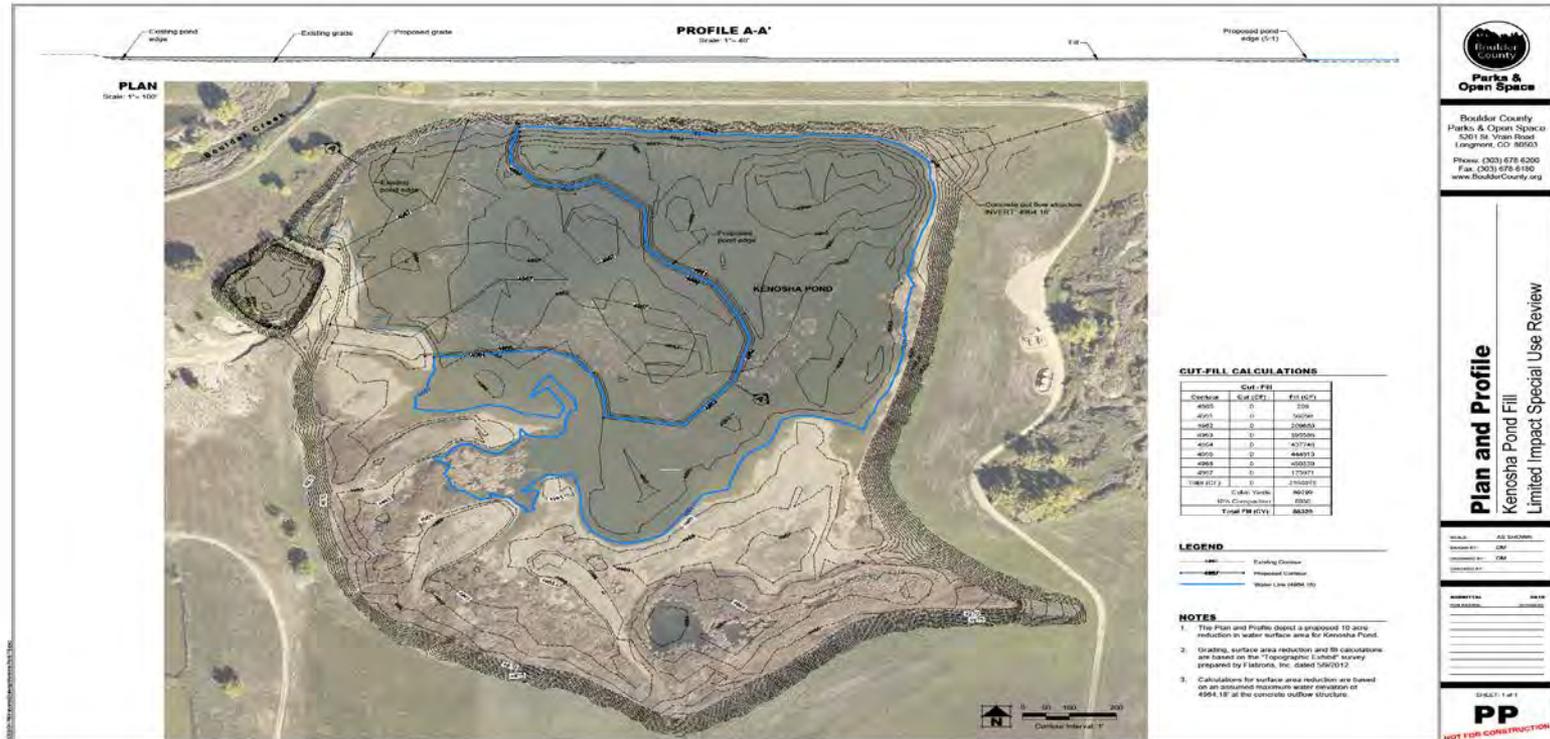


# Lower Boulder Creek



# 2016 Lower Boulder Creek/Kenosha

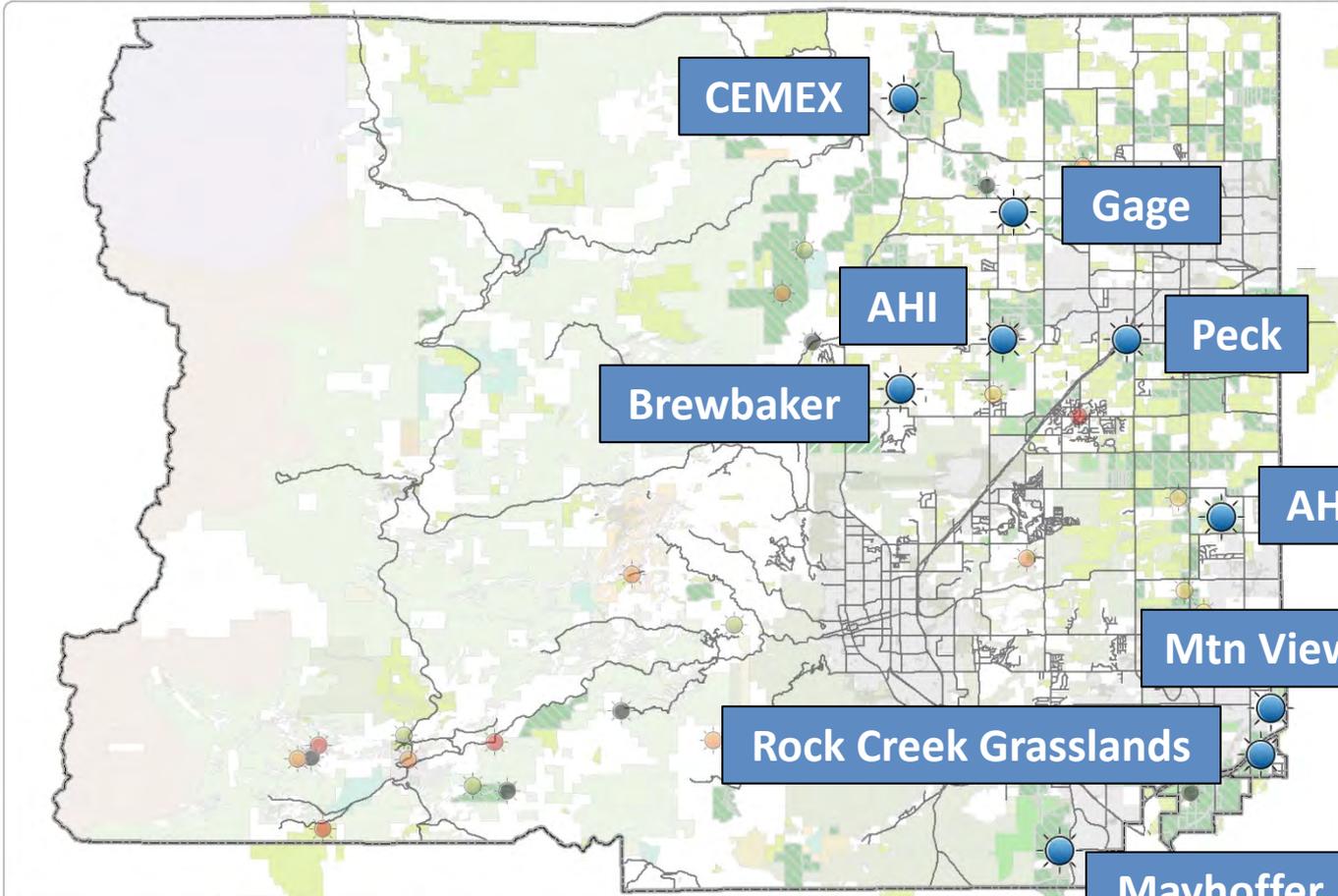
## \$54,000



# 2016 CIP Projects - Ecosystems



Parks & Open Space



- Agriculture
- Ecosystems
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- Recreation and Facilities



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# 2016: Wildlife Habitat Restoration

## Northern Leopard Frog Habitat Improvement



