Airport Community Team (ACT) Meeting

ECONOMIC VIABILITY

Operate a fiscally responsible District and contribute measurable community investments to the region.

NATURAL RESOURCE CONSERVATION

Commit to climate-resilient practices and act to preserve and enhance the natural environment.

OPERATIONAL EFFICIENCY

Effectively and safely operate the District.

SOCIAL RESPONSIBILITY

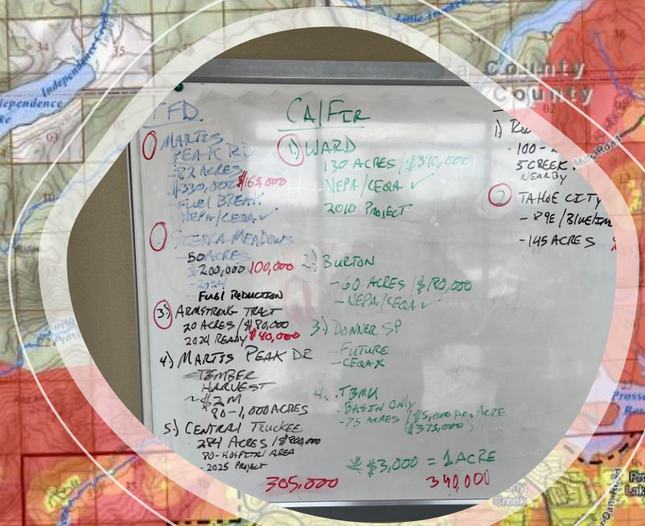
Work to be a good neighbor and community partner for District and community outcomes.

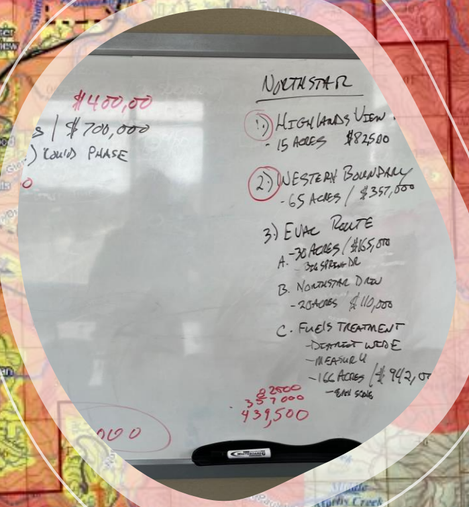
Wildfire Mitigation:

1. The Truckee Tahoe Airport District ("District") has established a recent history, over the past ~8 years, of utilizing tax revenue to support community programs.
2. In 2023, the District updated the underlying Board Policy Instruction (PI311) to better define the use of tax revenue related to the "Purpose of an Airport".
3. In 2023, the District adopted a new strategic plan, which identified the following focus area goals related to the use of tax revenue.
    a. 1.D. Give Back: Develop a community investment strategy that aligns directly to airport vision, mission, values, and public purpose.
        i. 1.D.1. Define budget allocation of community investments.
        ii. 1.D.2. Review existing community investments to ***prioritize major projects that benefit the region*** and align with airport purpose and mission (see Focus Area 3, Goal A for more details).
4. The District approved a budget for 2024, which included funds for both community sponsorships, agency partnerships, and ***$2M for Wildfire Mitigation.*** The Wildfire Mitigation line item was contingent on further research and briefing to the District Board for approval. As part of staff research, we engaged in several community conversations, including a hosted discussion at the Tahoe Truckee Community Foundation (TTCF) with key nonprofit organizations and agencies. The meeting confirmed the growing need to fund regional forest management activities, as well as the potential for leveraging of funds thru coordinated efforts. Since that meeting, TTCF has secured a $10 million commitment over the next five years, contingent on a regional match.

TRUCKEE TAHOE AIRPORT
SUSTAINABLE AVIATION FUEL

Community Wildfire Protection Plans (CWPP) Priority Projects





TRUCKEE FIRE PROTECTION DISTRICT
COMMUNITY WILDFIRE PROTECTION

Highway
Town of Truckee

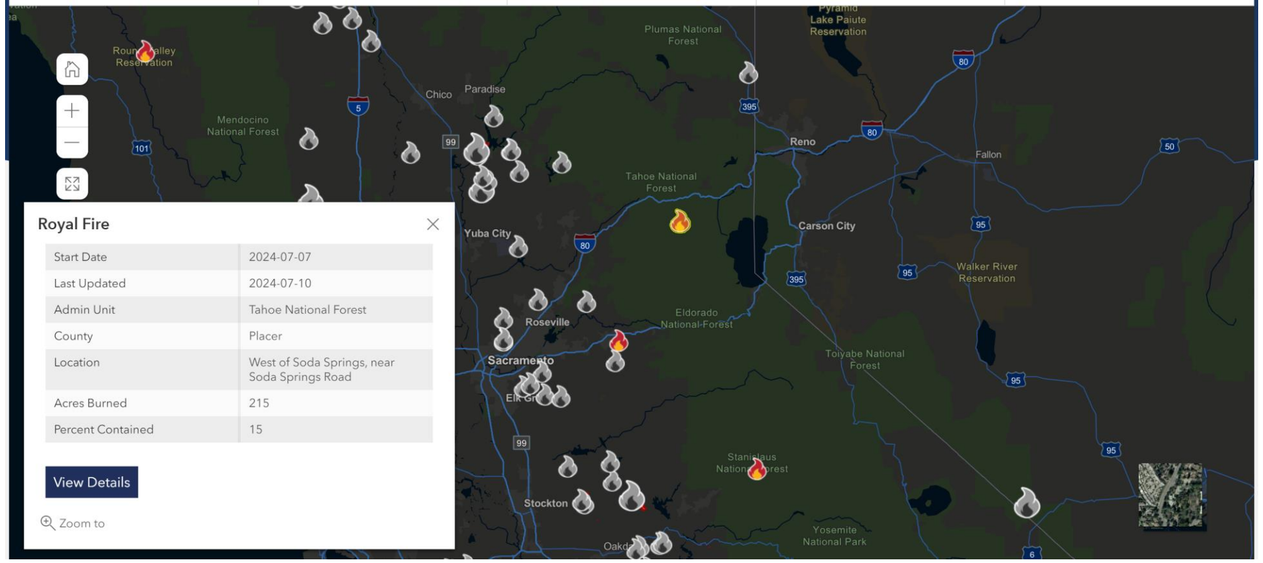
Wildland Urban Interface Class

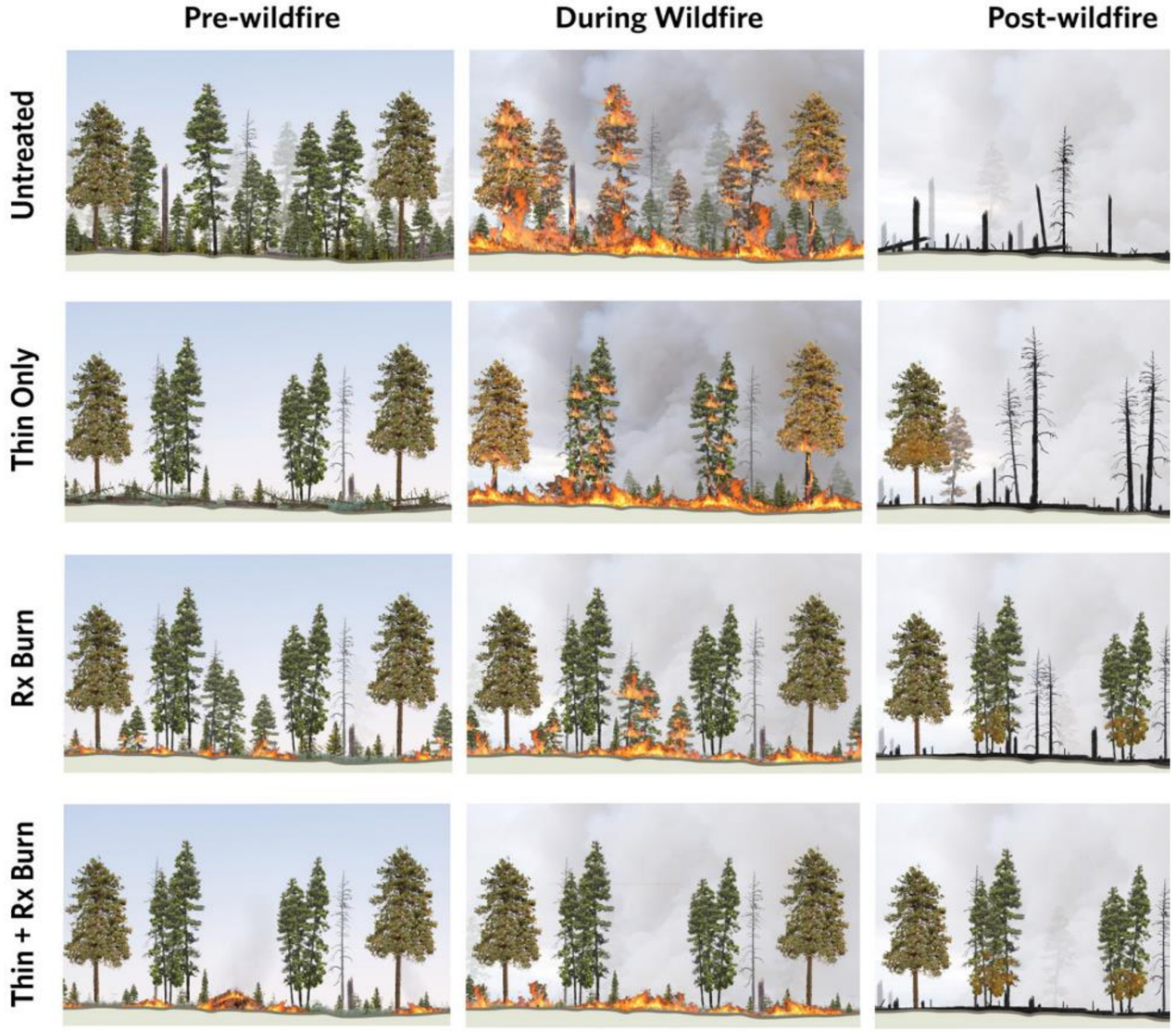
WUI Map Methodology

Nevada and Placer Counties, CA

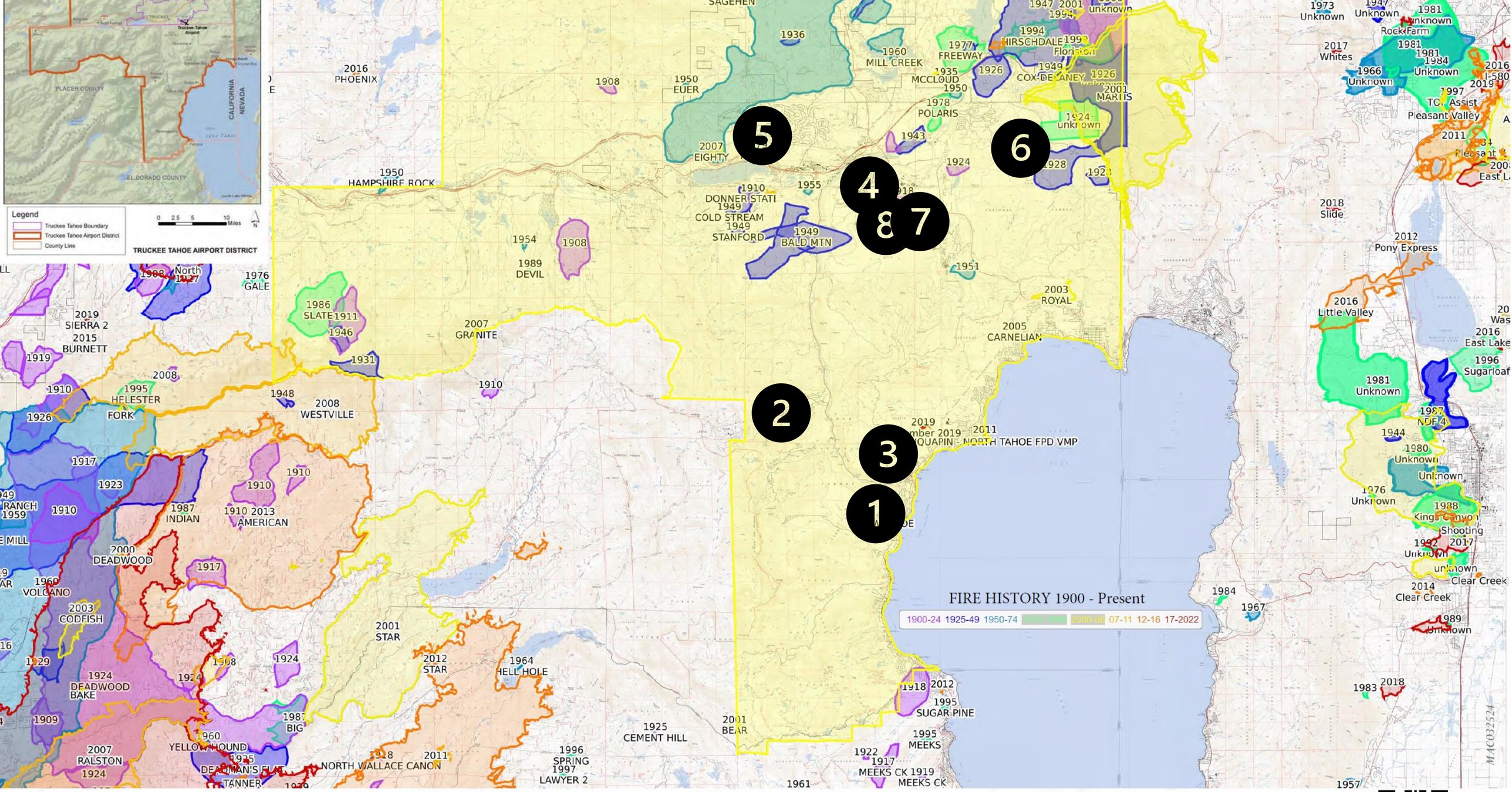
0 1 2 Miles
0 1 2 Kilometers

314,251	3,543	207,415	0	128
Total Emergency Responses	**Wildfires**	**Acres Burned**	**Fatalities:** 0 Civilian / 0 Firefighter	**Structures:** 42 Damaged / 86 Destroyed





This conceptual illustration shows how different treatments can impact the severity of subse wildfires in the landscape. Areas that have received thinning and prescribed burn treatments better then areas left untreated or with only one treatment. Figure by Erica Sloniker, The Na Conservancy.



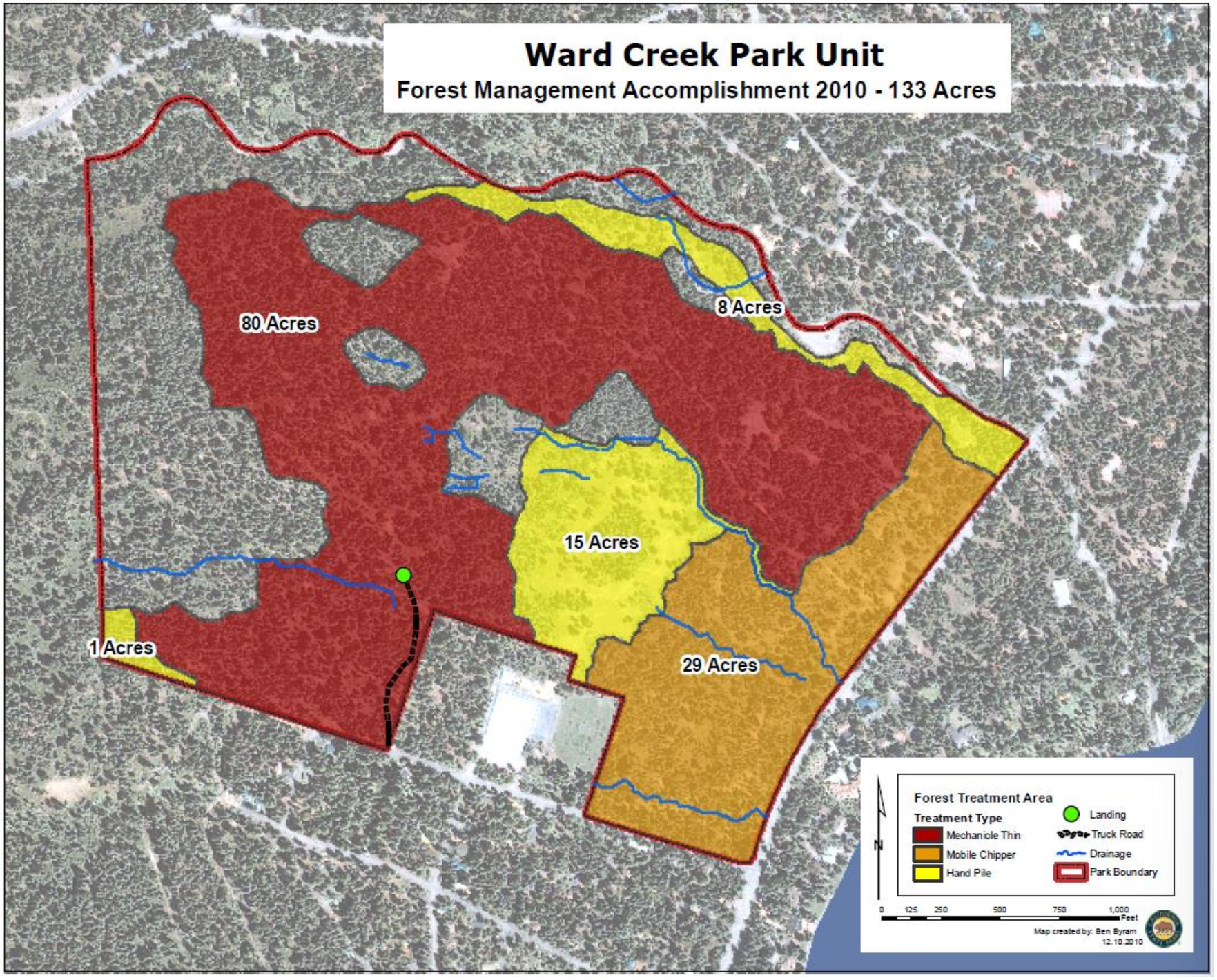
Legend
Truckee Tahoe Boundary
Truckee Tahoe Airport District
County Line
TRUCKEE TAHOE AIRPORT DISTRICT
PLACER COUNTY
EL DORADO COUNTY
CALIFORNIA
NEVADA
FIRE HISTORY 1900 - Present
1900-24 1925-49 1950-74 2000-06 07-11 12-16 17-2022
1
2
3
4
5
6
7
8
Mercator Projection
WGS84
UTM Zones 10S-11S
70 km
40 mi
MN
13.0º

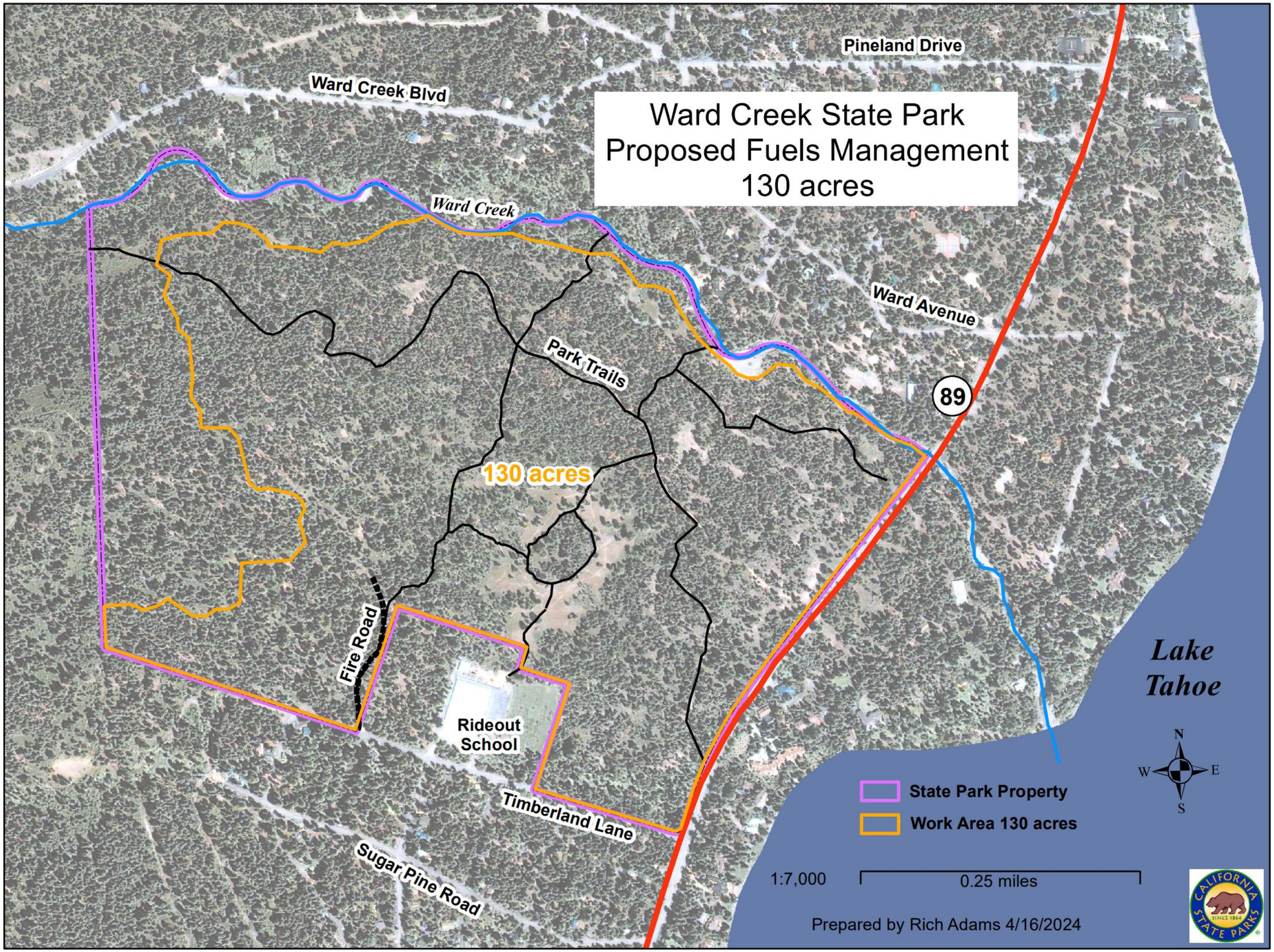
WARD

First entry 2010

Possible project: Approx. 130 acres

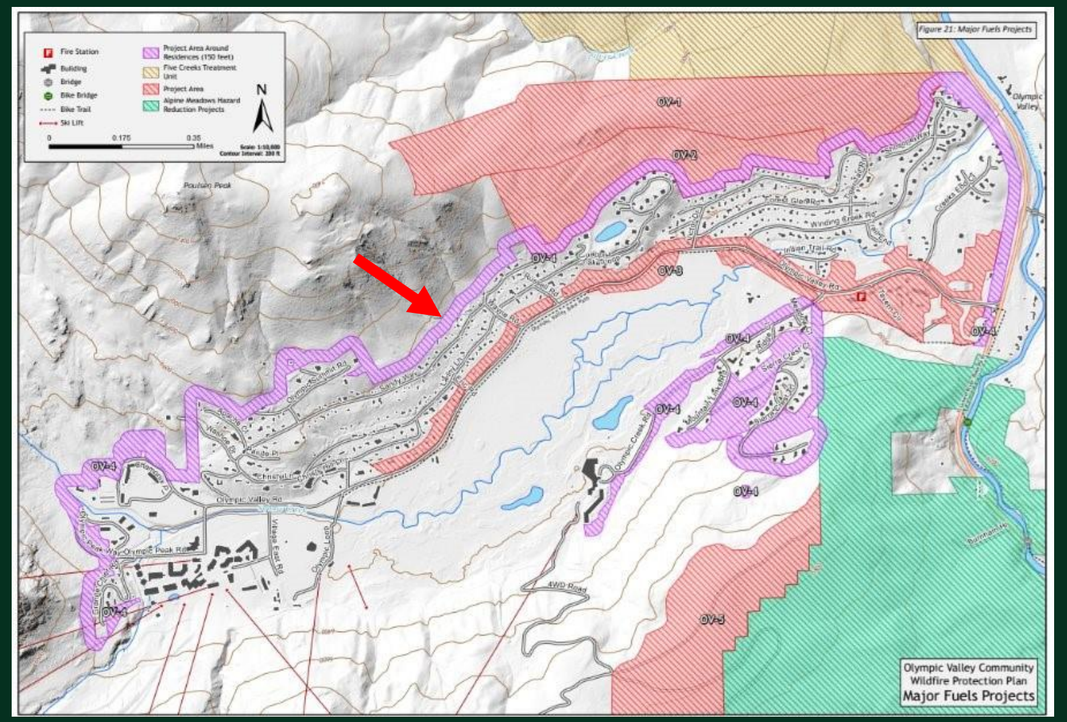
Benefits along 89 corridor, infrastructure, communities of Timberland, Pineland. Ward creek habitat




Ward Creek State Park
Proposed Fuels Management
130 acres
Pineland Drive
Ward Creek Blvd
Ward Creek
Ward Avenue
Park Trails
89
130 acres
Fire Road
Rideout School
Timberland Lane
Sugar Pine Road
Lake Tahoe
N
W
E
S
State Park Property
Work Area 130 acres
1:7,000
0.25 miles
Prepared by Rich Adams 4/16/2024
CALIFORNIA STATE PARKS
SINCE 1864

OLYMPIC VALLEY COMMUNITY BUFFER

The OV-4 Project creates a 150-foot-deep, 130-acre, shaded fuel break surrounding the Valley's high value residential areas. The project overlaps with Defensible Space Zone 2, encompasses essential facilities such as the Valley's primary water tank, and compliments other CWPP and USFS Projects.



- Currently Very High Hazard Conditions (LiDAR, Ground Survey, CAL FIRE Mapping)
- CWPP Priority Project
- Permitted and shovel-ready, Summer 2024
- High impact and very visible – directly benefits over 900 structures
- Property owners include 12 private landowners, Washoe Tribe, and a Trust with Placer County Administrator
- Implementation costs estimated at $700,000; requesting $400,000 for first phase

"The 150-foot fuels reduction project surrounding our homes is critical to our survival. Two friends from South Lake Tahoe explained that a similar perimeter allowed the Fire Department to save their homes during the Caldor Fire. The fire intensity was reduced in the perimeter as it neared the house, allowing firefighters to stop the fire just outside their backyard." - Bob Barnett, Olympic Valley Resident

Funding for design and permitting generously provided by Tahoe Truckee Community Foundation and the CAL FIRE's Wildfire Resilience Program.

River Road Buffer Zones Fuels Reduction Project

The USFS has gained compliance with NEPA through the filing of a Categorical Exclusion for multiple 200' buffer zones around developed properties. This is documented in the Urban Forest Defense Zone Fuels Reduction Project Decision Memo.

The CWPP for North Tahoe Fire Protection District has prioritized this work since 2004. It was listed again in 2015 as an intended future treatment, and new Land Tender software is prioritizing this area over almost everywhere else in the Fire District. The 2024 CWPP will provide official maps.

Project area is within the Wildland Urban Interface Defense Zone providing broader community protection to support ingress/egress.

Total Acres: 76.0 acres
Cost per acre: $5,262.65

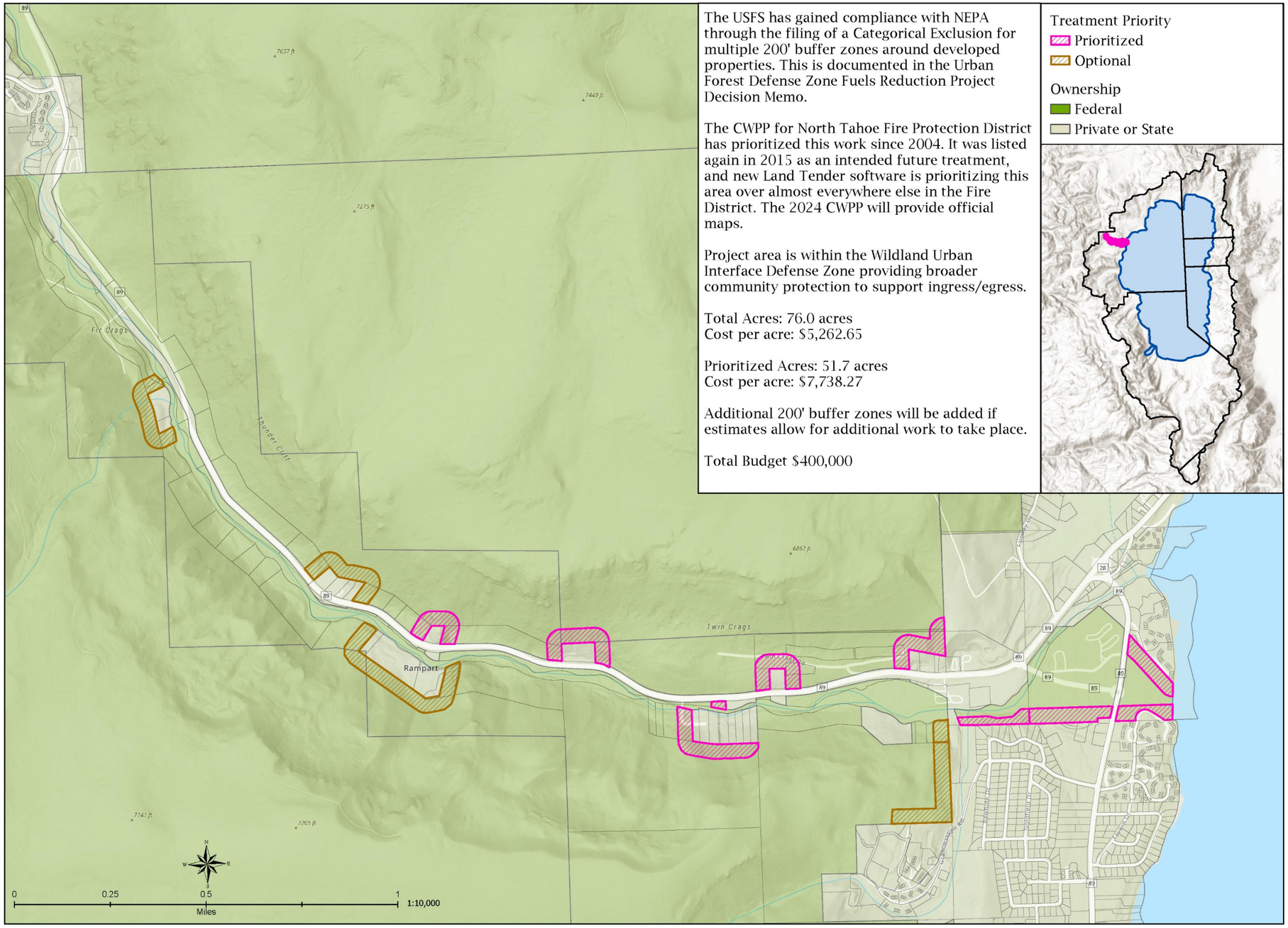
Prioritized Acres: 51.7 acres
Cost per acre: $7,738.27

Additional 200' buffer zones will be added if estimates allow for additional work to take place.

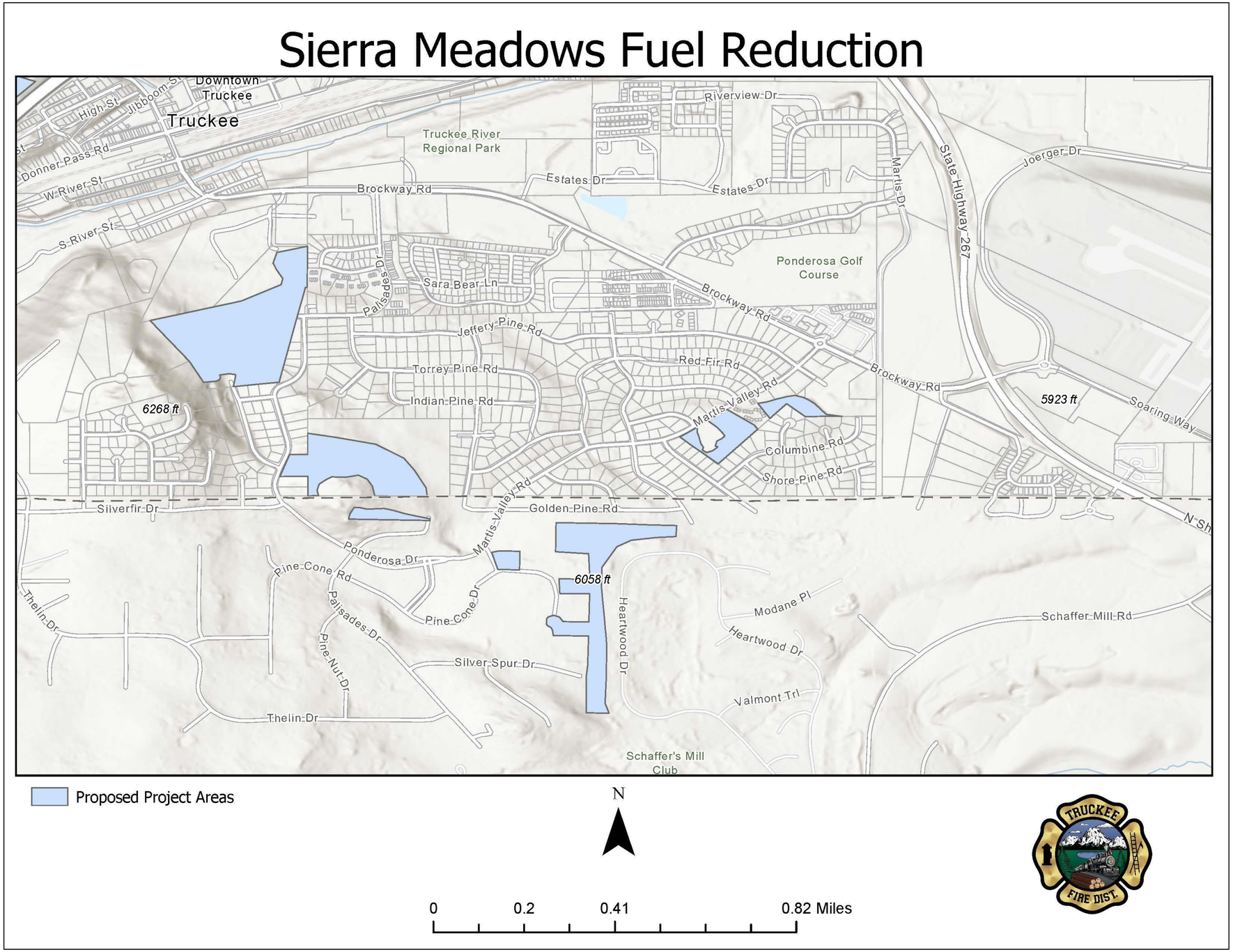
Total Budget $400,000

Treatment Priority
- Prioritized
- Optional

Ownership
- Federal
- Private or State



Project Map

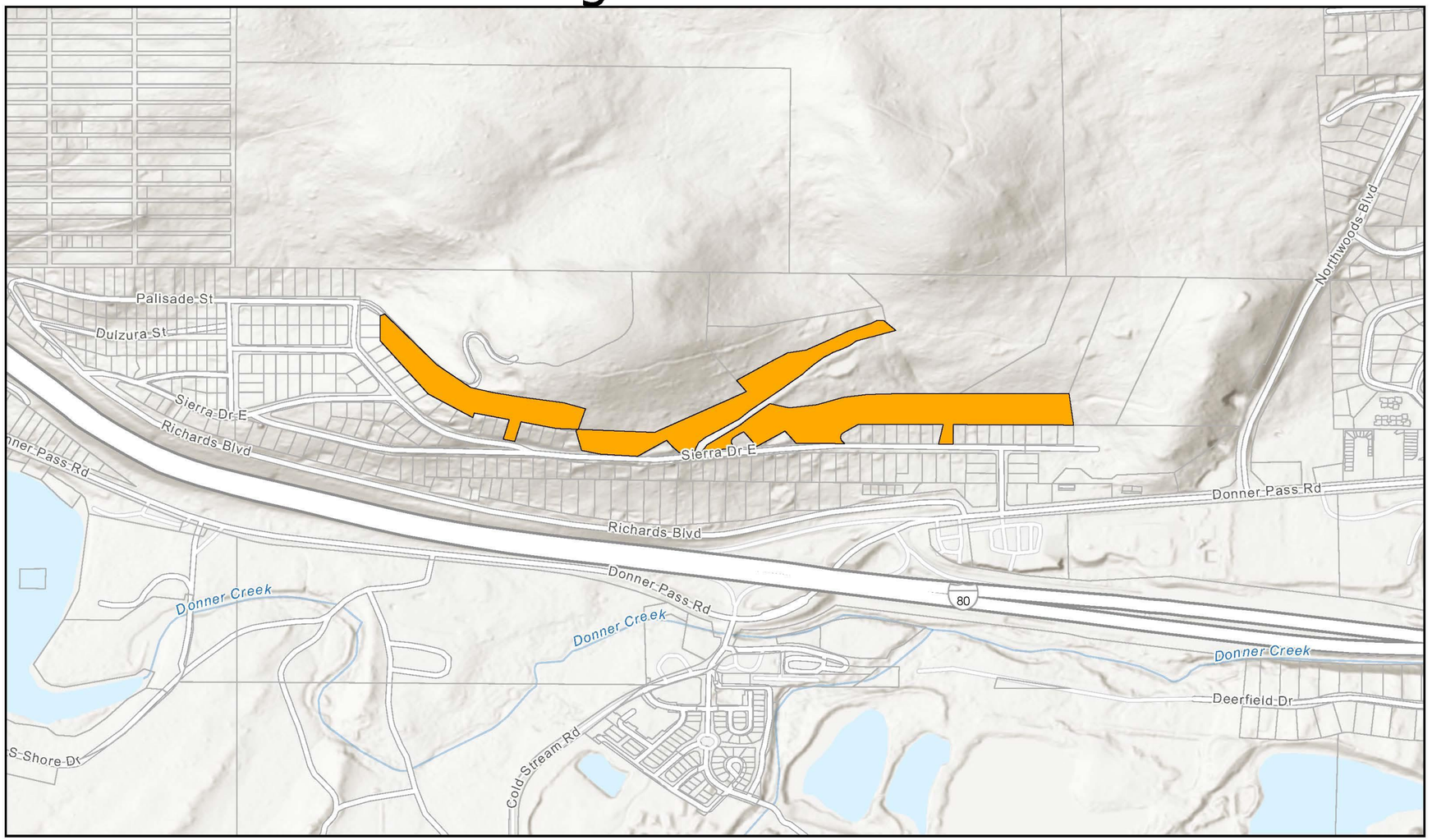

Sierra Meadows Fuel Reduction
Downtown Truckee
Truckee
Truckee River Regional Park
Riverview Dr
Donner Pass Rd
High St
Jibboom St
W River St
S River St
Brockway Rd
Estates Dr
Martis Dr
State Highway 267
Joerger Dr
Ponderosa Golf Course
Palisades Dr
Sara Bear Ln
Jeffery Pine Rd
Torrey Pine Rd
Indian Pine Rd
Red Fir Rd
Martis Valley Rd
Columbine Rd
Shore Pine Rd
6268 ft
5923 ft
Soaring Way
Silverfir Dr
Golden Pine Rd
Ponderosa Dr
Pine Cone Rd
Pine Cone Dr
6058 ft
Heartwood Dr
Modane Pl
Schaffer Mill Rd
Thelin Dr
Pine Nut Dr
Silver Spur Dr
Valmont Trl
Schaffer's Mill Club
Proposed Project Areas
N
0
0.2
0.41
0.82 Miles
TRUCKEE FIRE DIST.

Sierra Meadows Fuel Reduction

Lead Organization:	Truckee Fire Protection District		
Project Implementer:	Truckee Fire Protection District		
Total Project Cost:	Estimated: $200,000	**Funding Source:**	TTAD = $100,000
		Match Source:	Truckee Fire (Measure T) = $100,000
Project area:	Various large private parcels within and adjacent to the Sierra Meadows Community adjacent and under the downwind flight path for runway 29.		
Purpose:	**High priority CWPP implementation project -** Community fuel reduction adjacent to and intermixed with residential development.		
Anticipated Deliverables:	Project will treat approximately 50 acres across 13 different private parcels. Prescription includes mechanical and manual thinning with follow up mastication and chipping to reduce forest density and ladder fuels.		
Permitting Strategy:	CEQA NOE (15304) – minor alteration to land – will be filed by Truckee Fire		
Schedule/Status:	Not Started – anticipate CEQA compliance by August 2024, Project completion by October 2024		

Project Map

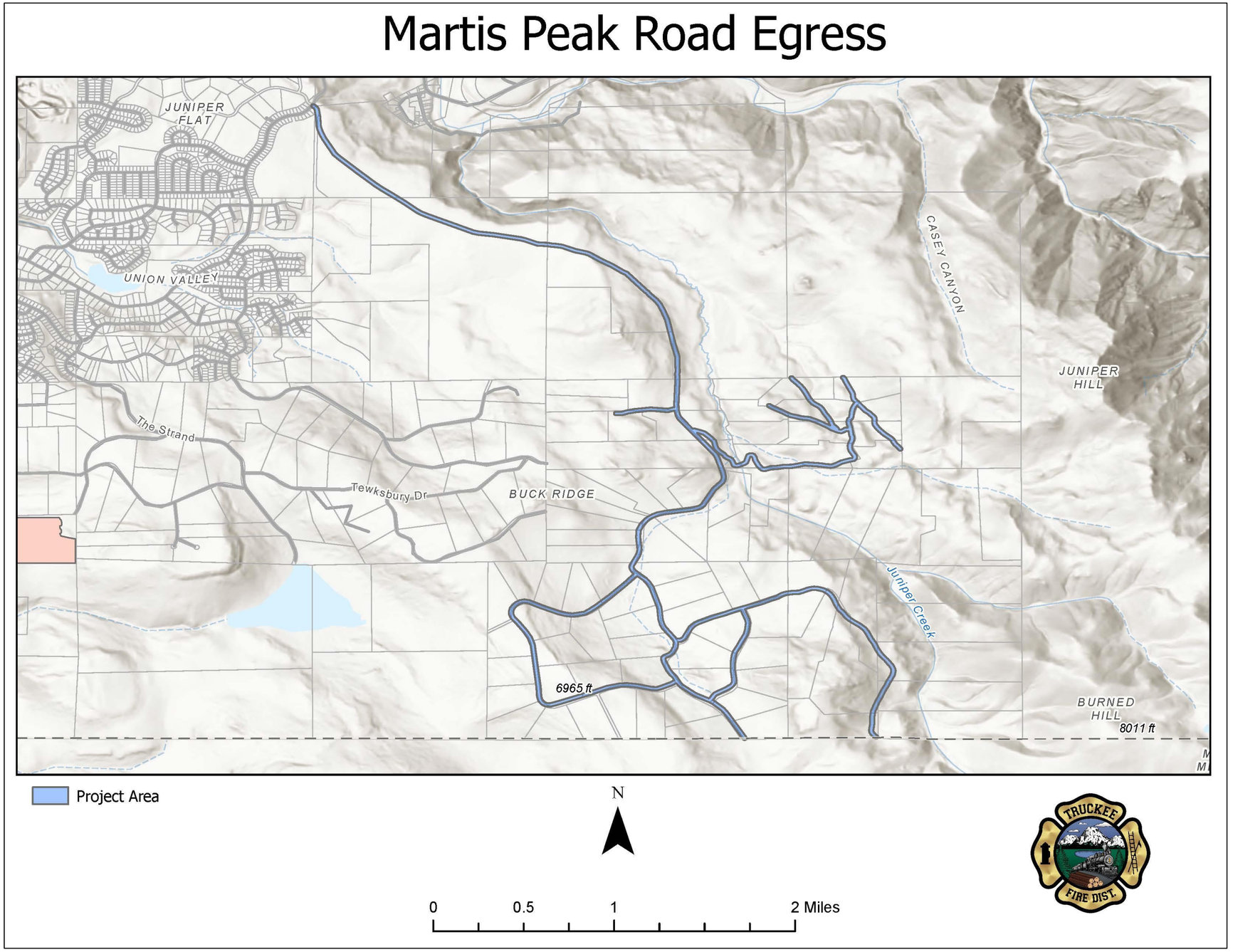
Armstrong Tract Hand Thin



Armstrong Tract Hand Thinning

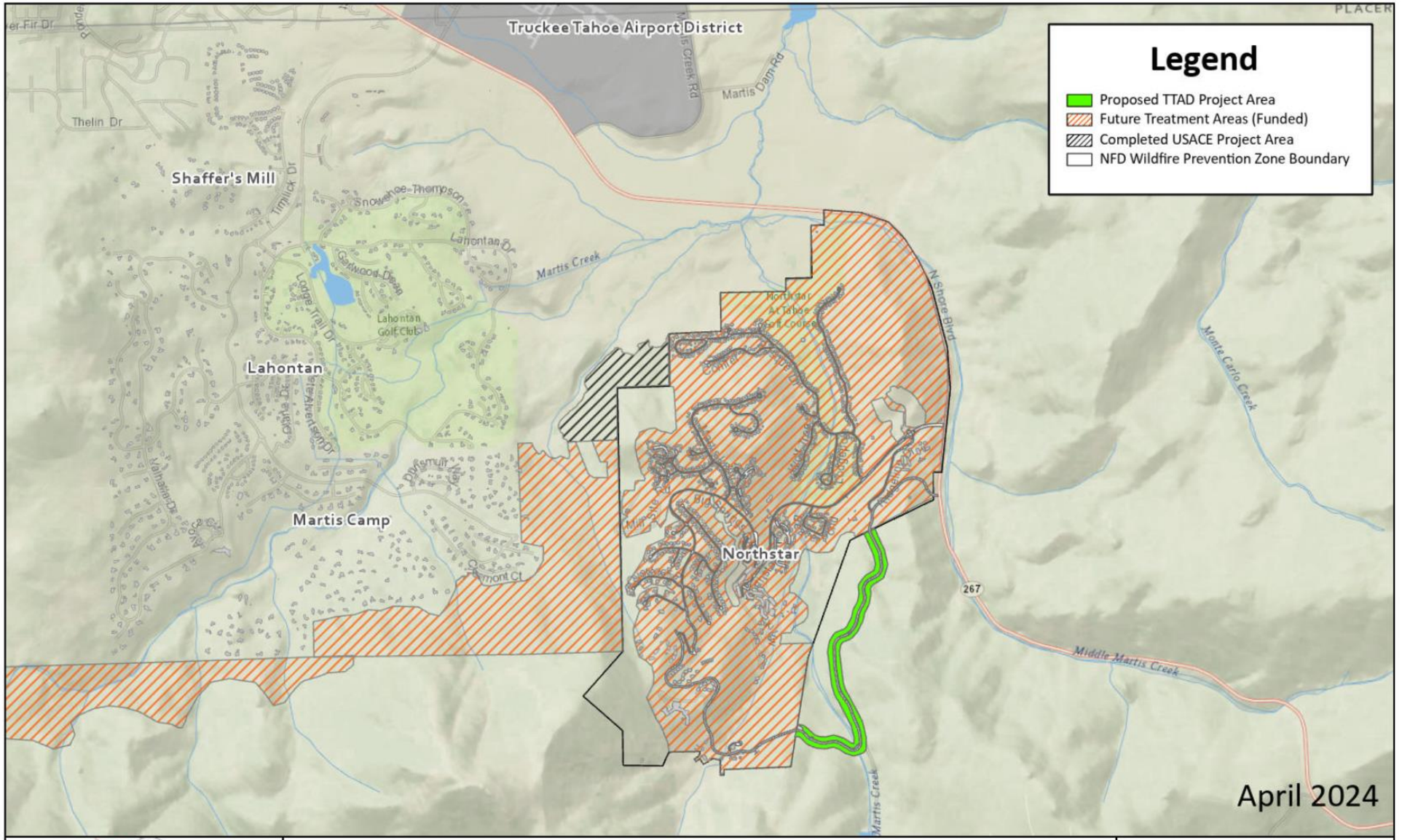
Lead Organization:	Truckee Fire Protection District		
Project Implementer:	Truckee Fire Protection District		
Total Project Cost:	Estimated: $80,000	**Funding Source:**	TTAD = $40,000
		Match Source:	Truckee Fire (Measure T) = $40,000
Project area:	Large private properties bordering the northern portion of Armstrong Tract		
Purpose:	**High priority CWPP implementation project -** Strategic fuel break between residential communities and adjacent to critical infrastructure (I-80 and water storage)		
Anticipated Deliverables:	Project will treat 20 acres across 5 different private properties to establish a shaded fuel break. Prescription incudes manual thinning, chipping, piling, and pile burning.		
Permitting Strategy:	CEQA NOE (15304) – minor alteration to land – will be filed by Truckee Fire		
Schedule/Status:	Not Started – anticipate CEQA compliance by August 2024, Project completion by October 2024		

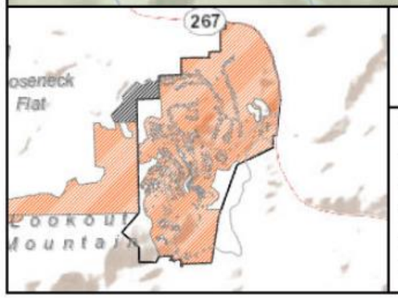
Project Map


Martis Peak Road Egress
JUNIPER FLAT
UNION VALLEY
CASEY CANYON
JUNIPER HILL
The Strand
Tewksbury Dr
BUCK RIDGE
Juniper Creek
6965 ft
BURNED HILL
8011 ft
Project Area
N
0
0.5
1
2 Miles
TRUCKEE FIRE DIST.

Martis Peak Road Egress

Lead Organization:	Truckee Fire Protection District		
Project Implementer:	Truckee Fire Protection District		
Total Project Cost:	Estimated: $330,000	**Funding Source:**	TTAD = $165,000
		Match Source:	Truckee Fire (Measure T) - $165,000
Project area:	Martis Peak road, one-way-in/out community with 109 private parcels. 11.3 miles of road		
Purpose:	**High priority CWPP implementation project -** Evacuation route improvement / strategic fuel break / protection of critical infrastructure (powerlines)		
Anticipated Deliverables:	Project will treat 11.3 miles of roadway, 30'-50' from edge of pavement for a total of 82 acres of treatments. Prescription includes removing trees less than 14" DBH to achieve adequate horizontal tree spacing, and mastication/chipping of brush and residual material to reduce ladder fuels along the evacuation route.		
Permitting Strategy:	CEQA NOE (15304) – minor alteration to land – will be filed by Truckee Fire		
Schedule/Status:	Not Started – anticipate CEQA compliance by August 2024, Project completion by October 2024		





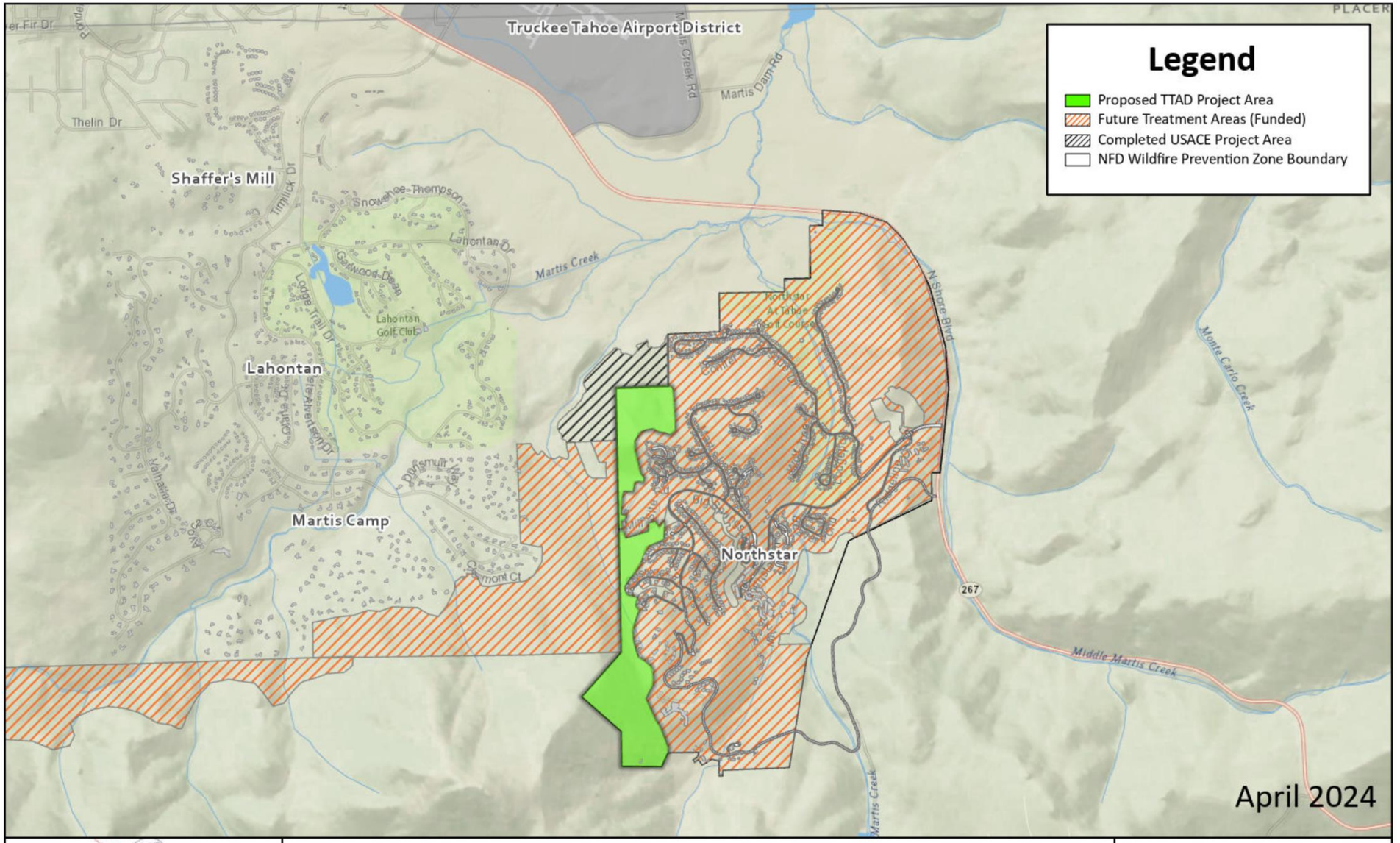
NCSD Fuels Treatment Project - Highlands View Rd.

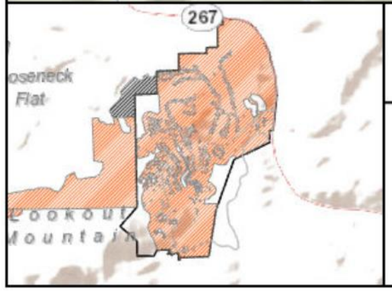
- 44 proposed treatment acres. Requested amount: $82,500.00.
- Primary evacuation route for the upper District.
- Public wildfire mitigation funding has become exponentially harder to obtain.
- Meets the objectives of Priorities 1, 3, 4, and 6 of NFD CWPP.
- Provides safer ingress and egress for emergency vehicles.
- Ties primary evacuation route projects together to create contiguous fuels reduction work.

N

0 0.42 0.85 Mi

0 2,000 4,000 US Feet





NCSD Fuels Treatment Project - Western Boundary

- 153 proposed treatment acres. Requested amount: $357,555.00.
- Fuel modeling shows western boundary as being the Districts greatest vulnerability to wildfire.
- Public wildfire mitigation funding has become exponentially harder to obtain.
- Meets the objectives of Priorities 1, 3, 4, and 6 of NFD CWPP.
- Provides fuel break to four separate communities and TTAD land/assets.
- Ties together private, state, and federal projects creating contiguous fuels reduction work.

N

0 0.42 0.85 Mi

0 2,000 4,000 US Feet

Wildfire Mitigation 2024

Fiscal Impact:

1. CalFire
   a. Ward Project, Treated Acres - 130: $390,000
2. Olympic Valley Fire Department
   a. OV-4, 130 - Acre Shaded Fuel Break: $400,000

3. North Tahoe Fire District
   a. River Road Buffer, Treated Acres - 130: $400,000
4. Truckee Fire Protection District
   a. Sierra Meadows, 50 Acres: $100,000
   b. Armstrong Tract: 20 Acres: $40,000
   c. Martis Peak Road, 82 Acres: $165,000
5. Northstar Fire Protection District
   a. Highlands View Road, 44 Acres: $82,500
   b. Western Boundary, 153 Acres: $357,555

- **Total of 8 projects, ~685 Acres:** **$1,934,500**

- **2024 District Budgeted Item:** **$2,000,000**

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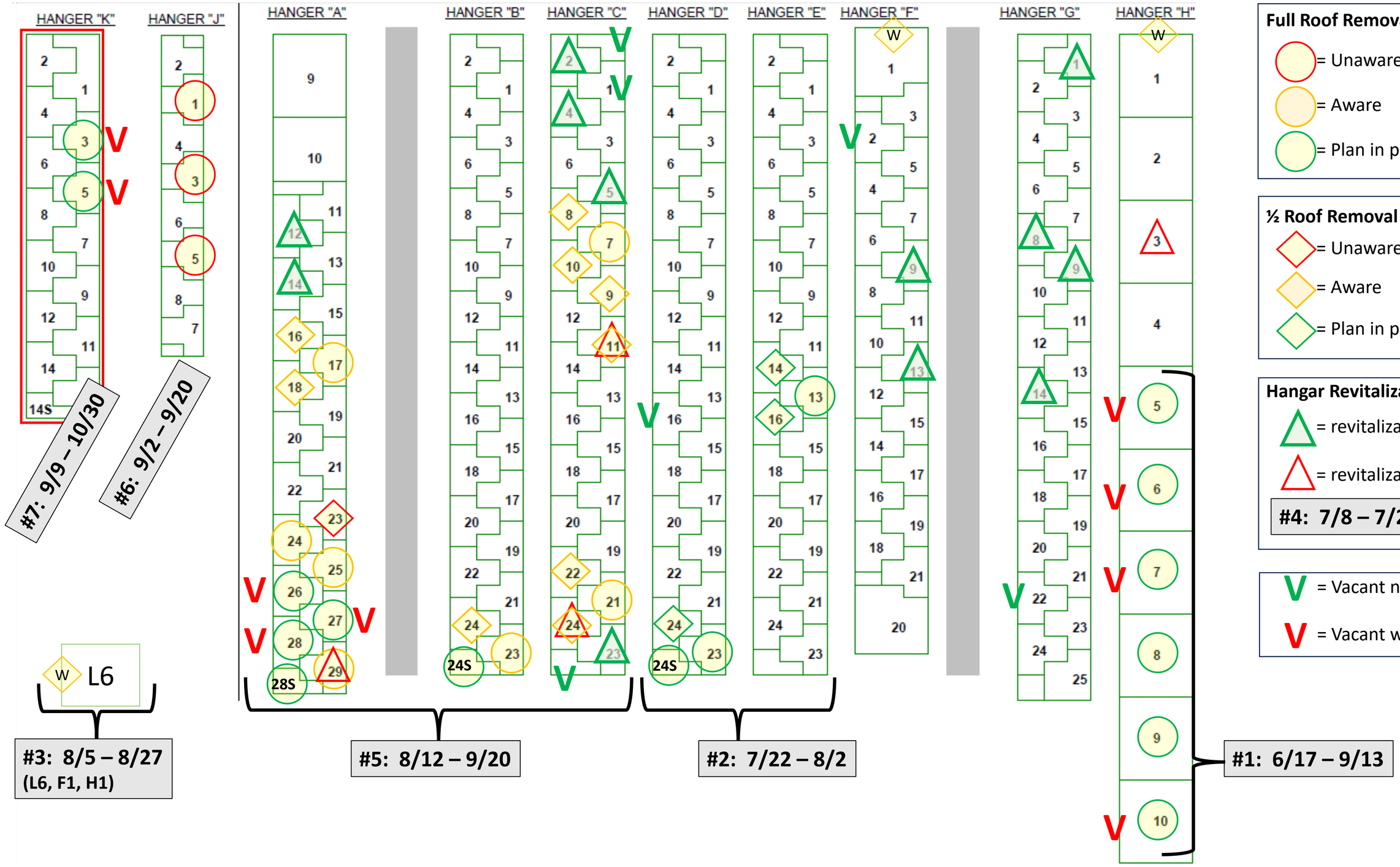

Full Roof Removal

= Unaware

= Aware

= Plan in place

½ Roof Removal (no aircraft/car/waiver)

= Unaware W = Wall

= Aware

= Plan in place

Hangar Revitalization

= revitalization select

= revitalization non-select

#4: 7/8 – 7/28

V = Vacant no damage x4

V = Vacant w/ damage x9

2024 KTRK Snow Damage Repairs