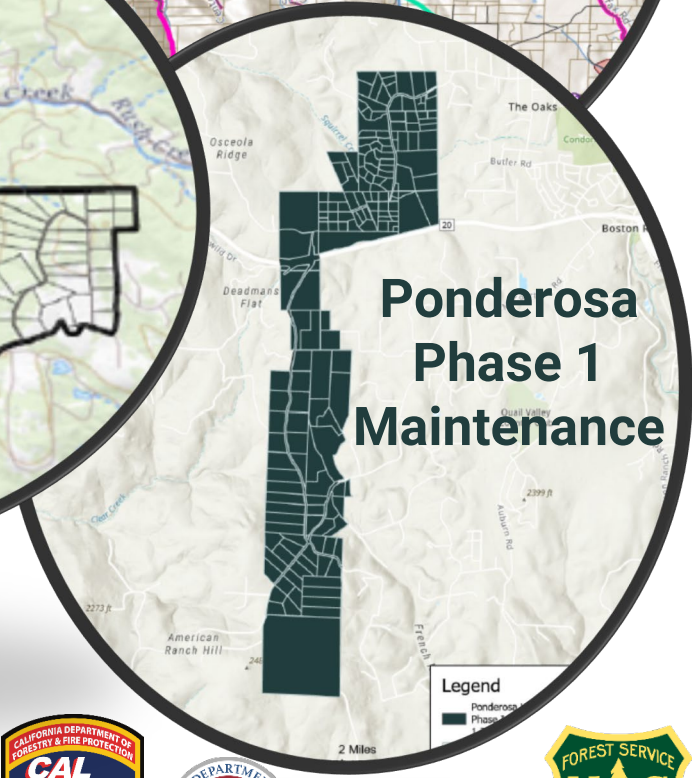
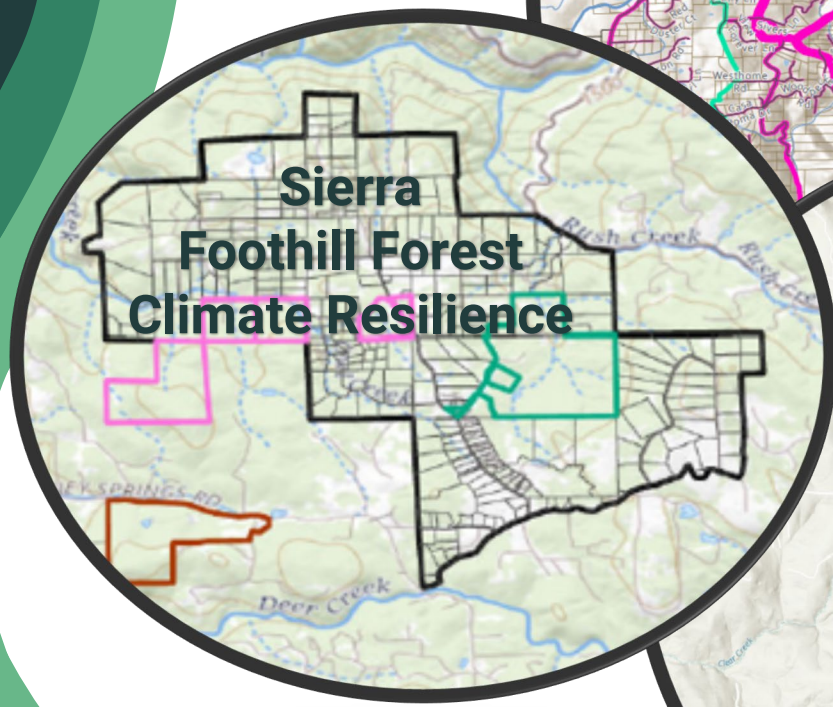
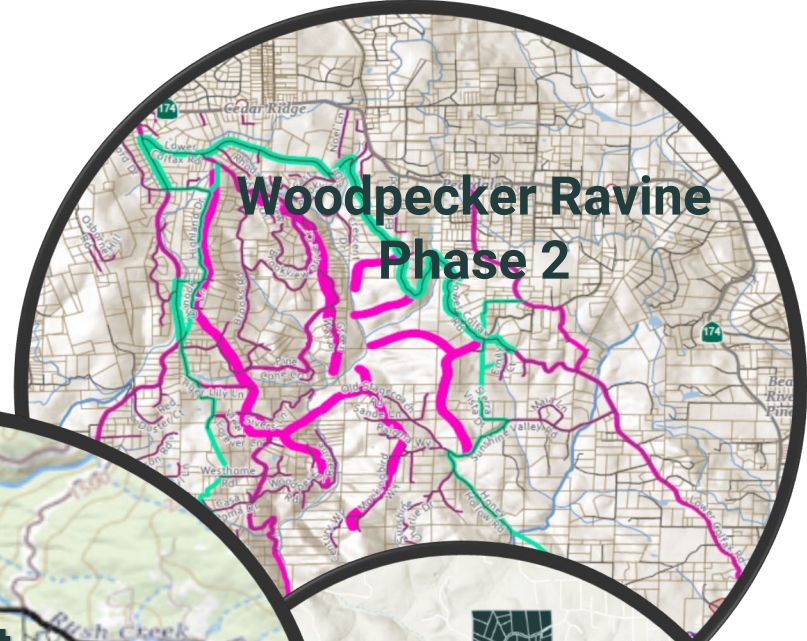


Fuel Mitigation Projects

Nevada County
Office of Emergency Services



Projects/Grant Acceptance



Woodpecker Ravine Shaded Fuel Break Phase 2 Project – California Department of Forestry and Fire Protection (CAL FIRE)



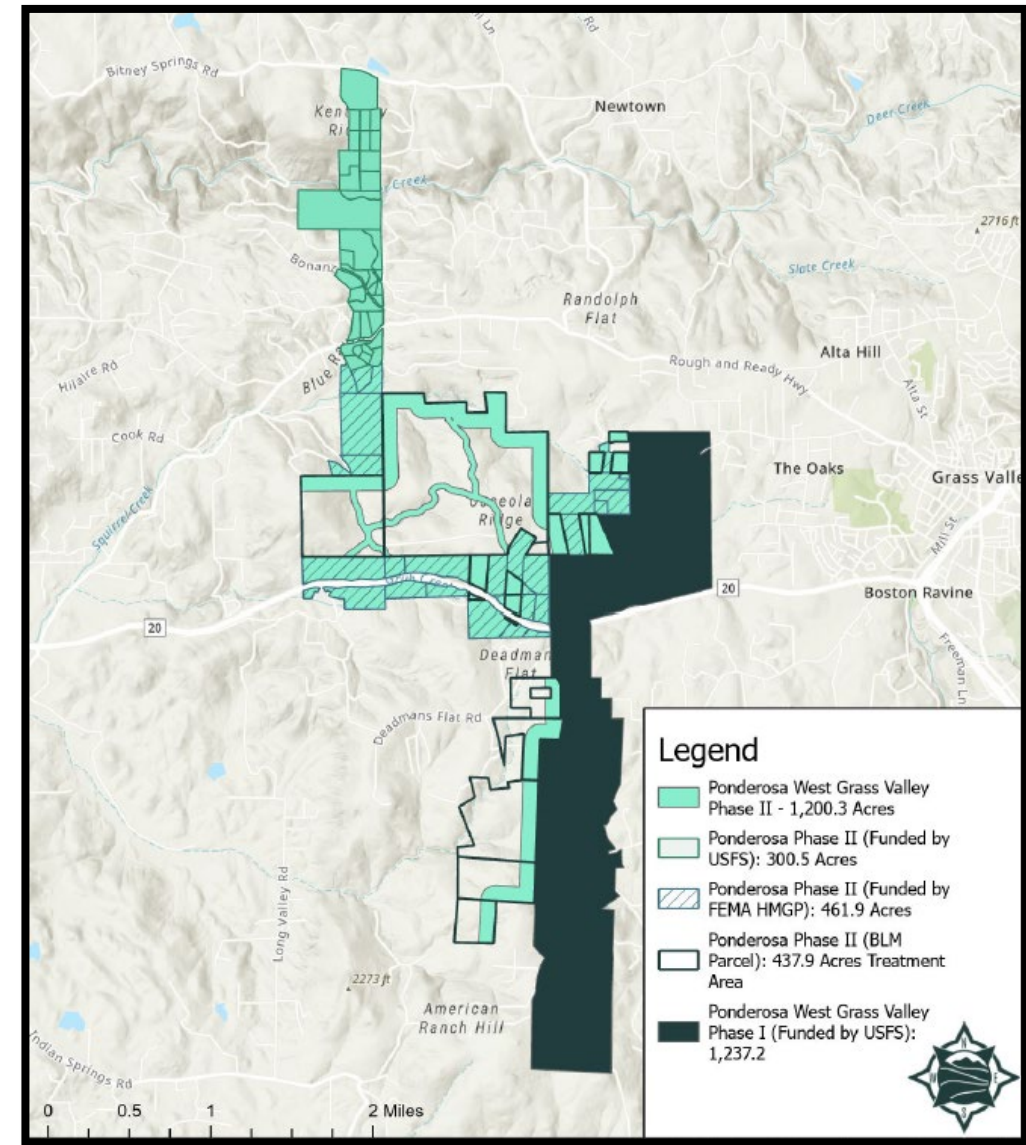
Ponderosa West Grass Valley Defense Zone (Phase I Maintenance) Project – United States Forest Service (USFS)



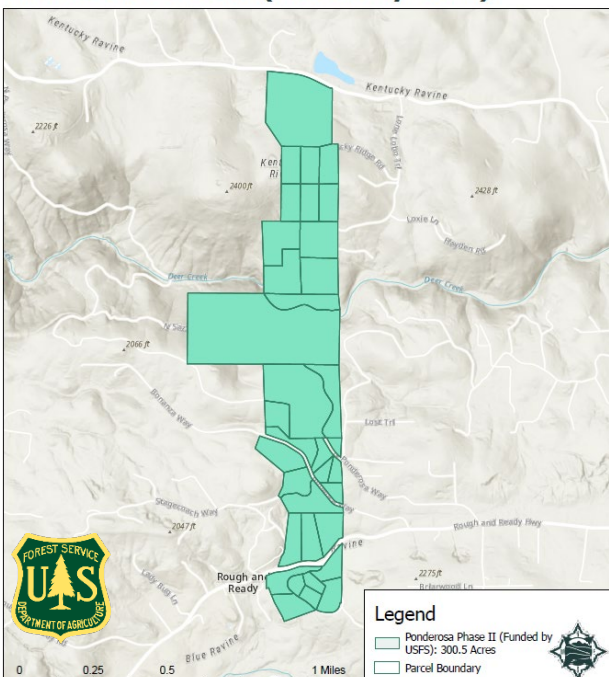
Sierra Foothill Forest Climate Resilience Project – Wildlife Conservation Board (WCB)

Projects – Strategic Planning Approach

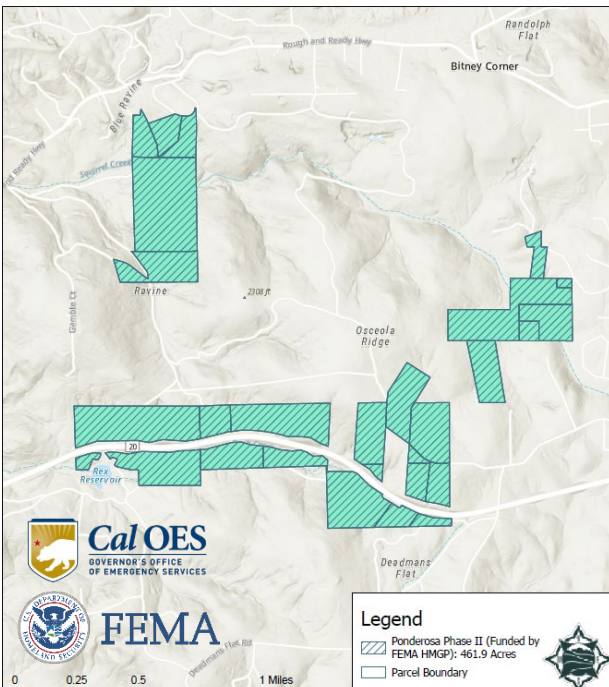
- **Weaving projects/funding together for alignment**
 - Improved efficiency – less capacity needed
 - Leverages match opportunities
 - Alignment of partners/vendors
 - Establishes a landscape approach
 - Long-term mitigation approach including maintenance
- **Ponderosa West Grass Valley Defense Zone Example**



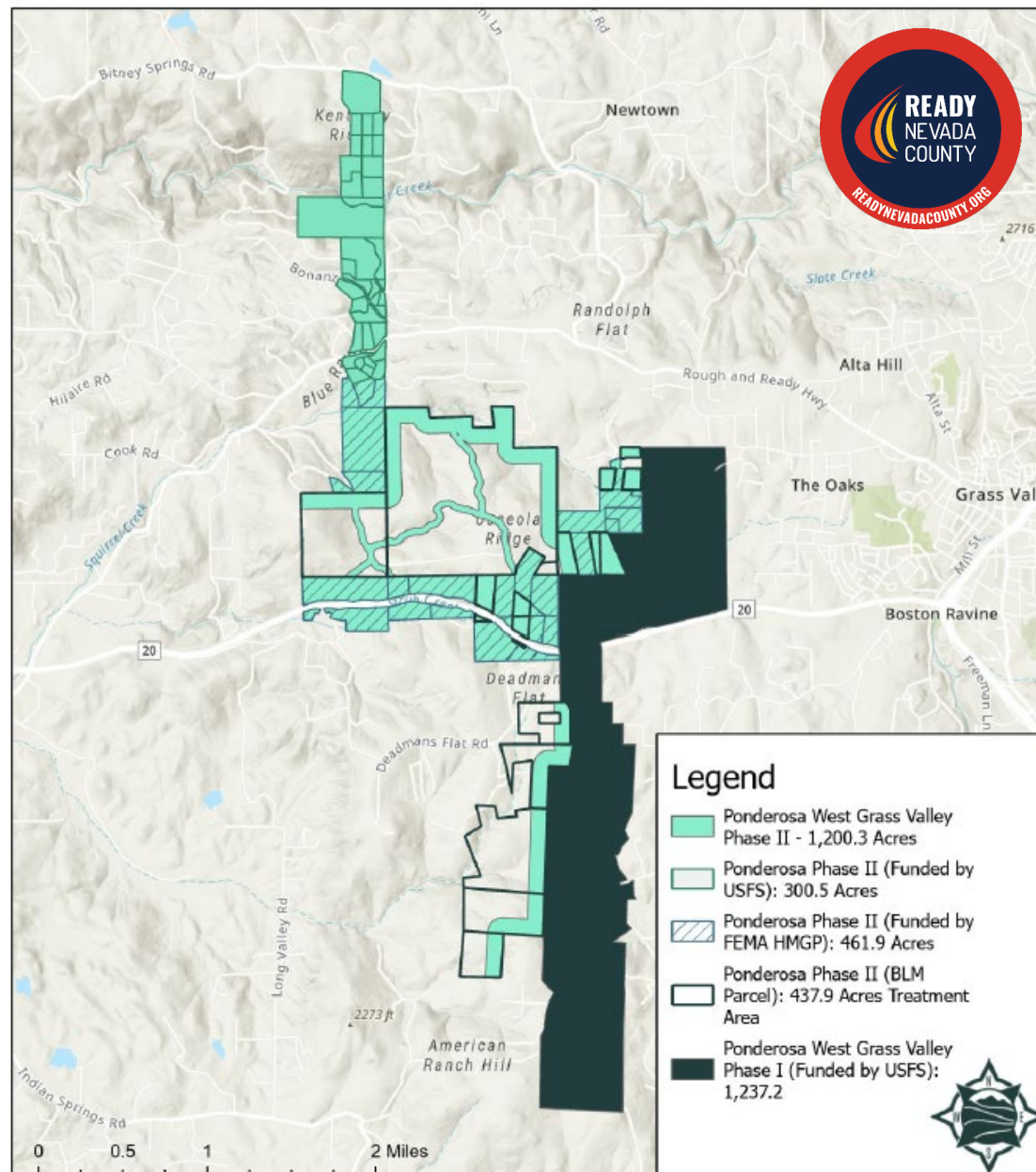
Ponderosa Phase II (Funded by USFS)



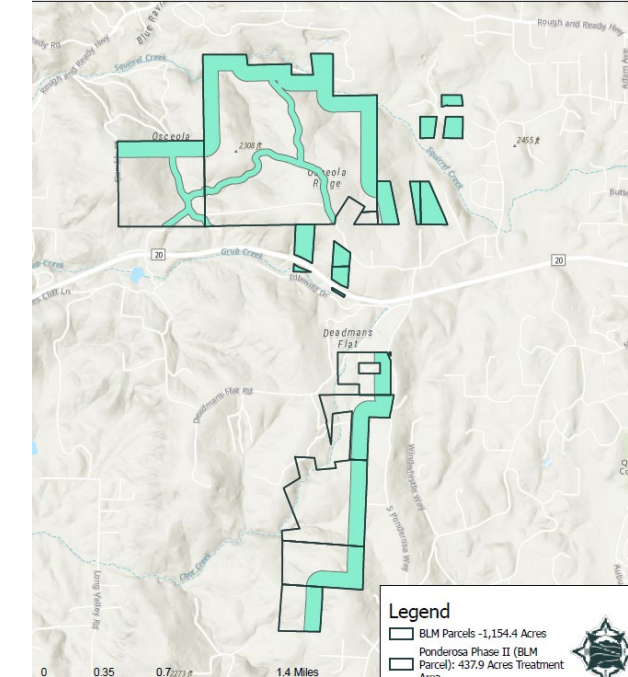
Ponderosa Phase II (Funded by FEMA-HMGP)



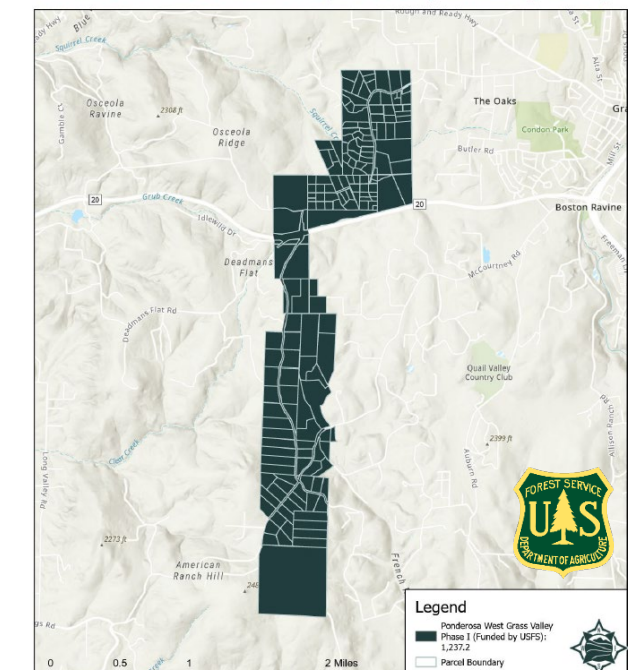
Ponderosa Phase II Comprehensive Project Map



Ponderosa Phase II (BLM Parcels)

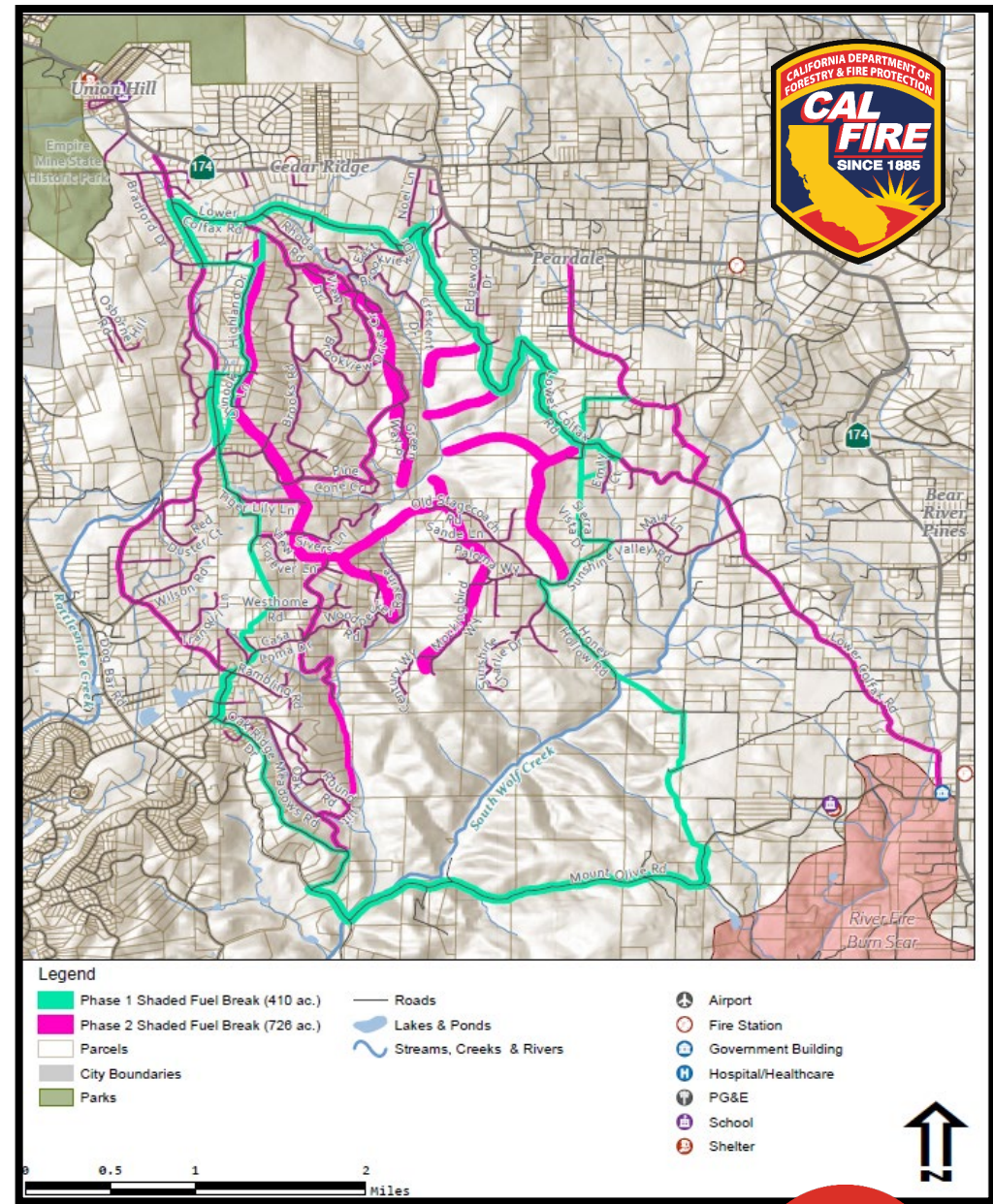


Ponderosa West Grass Valley Phase I (Funded by USFS)



Woodpecker Ravine Shaded Fuel Break (Phase 2)

- Funding from the California Department of Forestry and Fire Protection (CAL FIRE) (5GA22209)
- Grant amount: \$3,914,536.64
- Grant period: Oct. 24, 2023 – March 15, 2029
- 726 acres of treatment
- Coupled with Phase I for a total of 1,136 acres of treatment
- Removes hazardous vegetation from primary and secondary evacuation routes and strategic ridgelines
- Funding match leveraged for BRIC grant



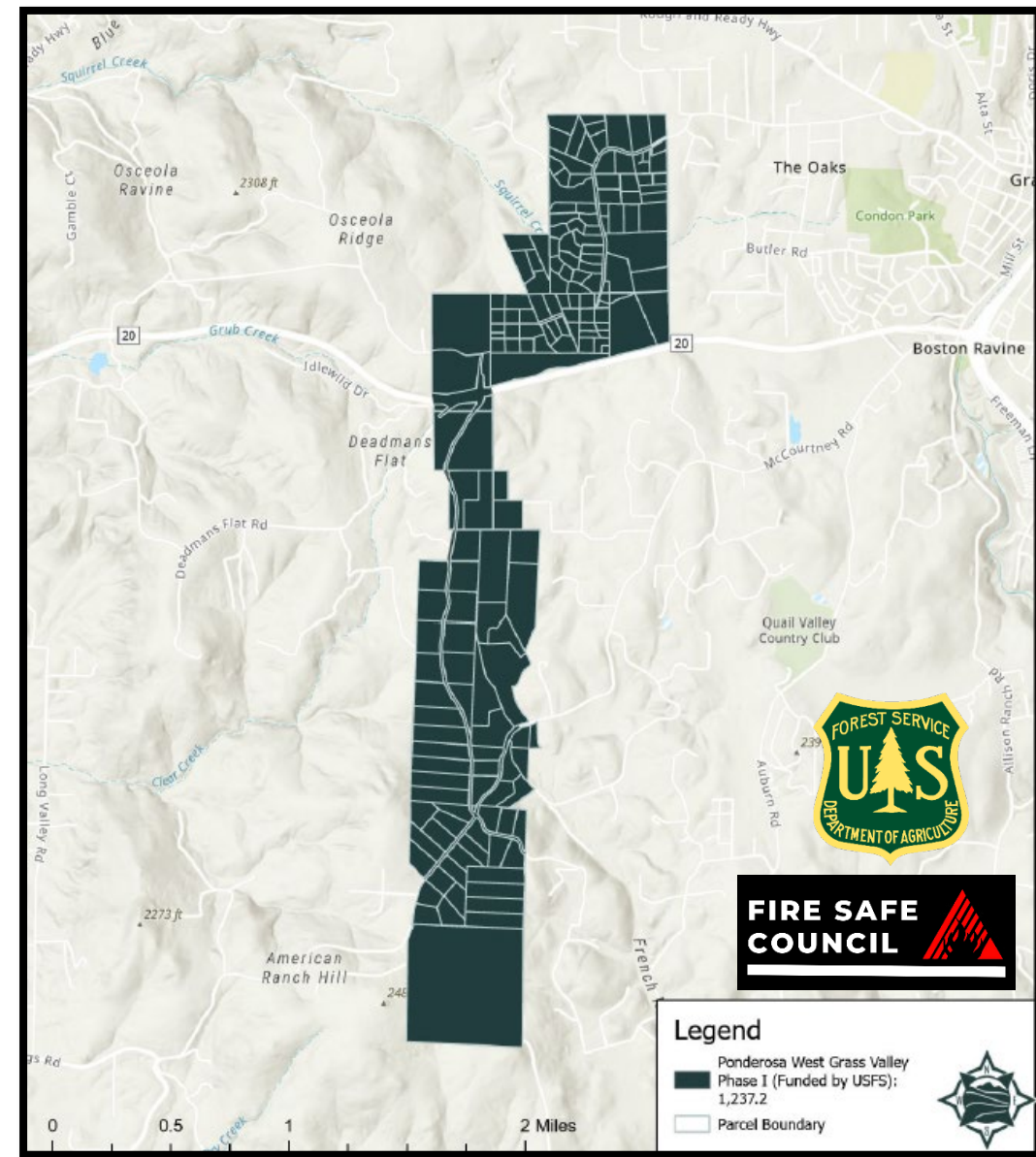
Woodpecker Ravine (Phase 1 & 2) – Anticipated Timeline



	September 2023	October - December 2023	January – March 2024	April – June 2024	July – September 2024	October 2024 – February 2026	March 2026 – February 2029
Woodpecker Phase 1	Prepare & release RFQ for CEQA/NEPA & RPF	Select Contractors	CEQA/NEPA & Treatment Design (RPF)			Implementation	
			Landowner Outreach/Engagement				
			Prepare and release RFP for implementation	Select Contractor			
Woodpecker Phase 2	Prepare & release RFQ for CEQA/NEPA & RPF	Select Contractors	CEQA/NEPA & Treatment Design (RPF)			Implementation	
			Landowner Outreach/Engagement				
			Prepare and release RFP for implementation	Select Contractor			
BRIC		Anticipated Funding Award	Anticipated Phase 1			Pause for FEMA Phase 1 Review	

Ponderosa West Grass Valley Defense Zone (Phase 1 Maintenance)

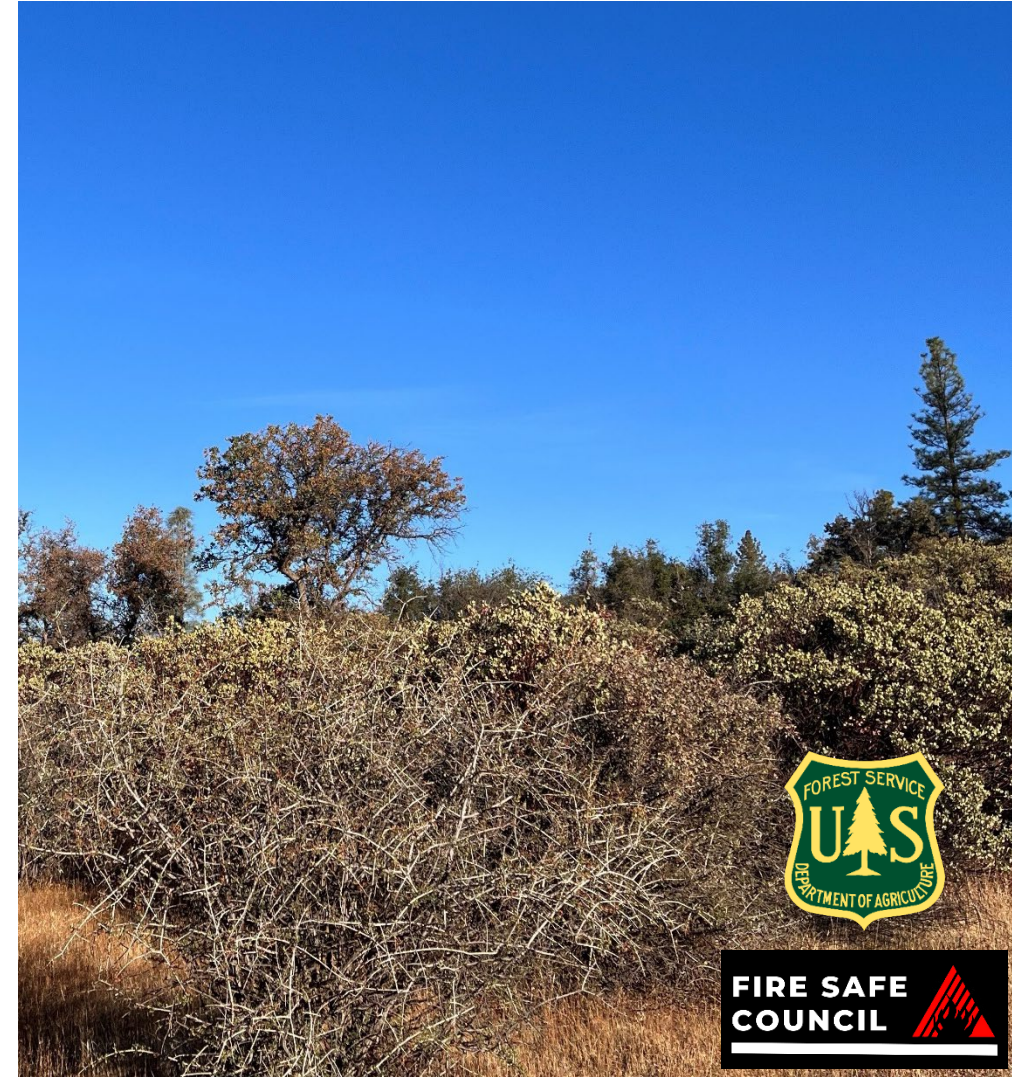
- Funding from the United States Forest Service (USFS) via FY23 Congressionally Designated Spending (CDS) request
- Grant amount: \$750,000
- County contribution in-kind of \$750,000 (ARPA)
- Grant period: Aug. 29, 2023 – Aug. 1, 2025
- Target of 1,200 acres of maintenance treatment
- Removes hazardous vegetation for retreatment of the Phase I shaded fuel break project completed in 2022
- Project collaboration with Fire Safe Council of Nevada County
- 3,000 residences in project impact area



Ponderosa West Grass Valley Defense Zone (Phase 1 Maintenance) – Anticipated Timeline

- **Fund Acceptance:** *October 24, 2023*
- **Release RFQ for environmental work (CEQA/NEPA) and treatment design (RPF):** *October 2023*
- **Select contractors for environmental work & treatment design:** *November-January*
- **Environmental work:** *January-September 2024*
- **Project implementation:** *October 2024 – July 2025*

Conservative project timeline – exploring opportunities to expedite



Ponderosa West Grass Valley Defense Zone – Phase 1 Maintenance Treatment Strategy

- **Project approach:** Leverage lessons-learned and relationships built during Phase 1
- **Types of treatment:** Due to vegetation density, slope, and landowner preference, much of the treatment prescription for Phase 1 was hand crews and pile-and-chip. Treatment prescription for Phase 1 Maintenance will use the same methods
- **Partnership with property owners:** Bring private landowners on-board through education about treatment design and goals (ex. shaded fuel break does not mean that all vegetation is removed down to bare mineral soil)
- **Holistic treatment goal:** Deploy maintenance ~2-3 years after initial implementation and build the capacity of landowners to maintain on their own (and access educational resources and programming that supports them in doing this)



Ponderosa West Grass Valley Defense Zone – Additional Opportunities for Collaboration



Ponderosa West Grass Valley Defense Zone – Additional Opportunities for Collaboration



Sierra Foothill Forest Climate Resilience Project



- Funding from the Wildlife Conservation Board (WCB) (WC-2340KM)
- Grant amount: \$2,396,000
- Grant period: Oct. 3, 2023 – March 31, 2027
- Funds implementation mitigating approx. 625 acres
- Includes prescribed burning, mastication, hand thinning and chipping, and herbicide applications removing hazardous vegetation
- Treatment on both federal and private parcels including areas of the Jones, Lobo and Pleasant Fires, Nevada City School of the Arts, Woolman School, and Shady Creek School

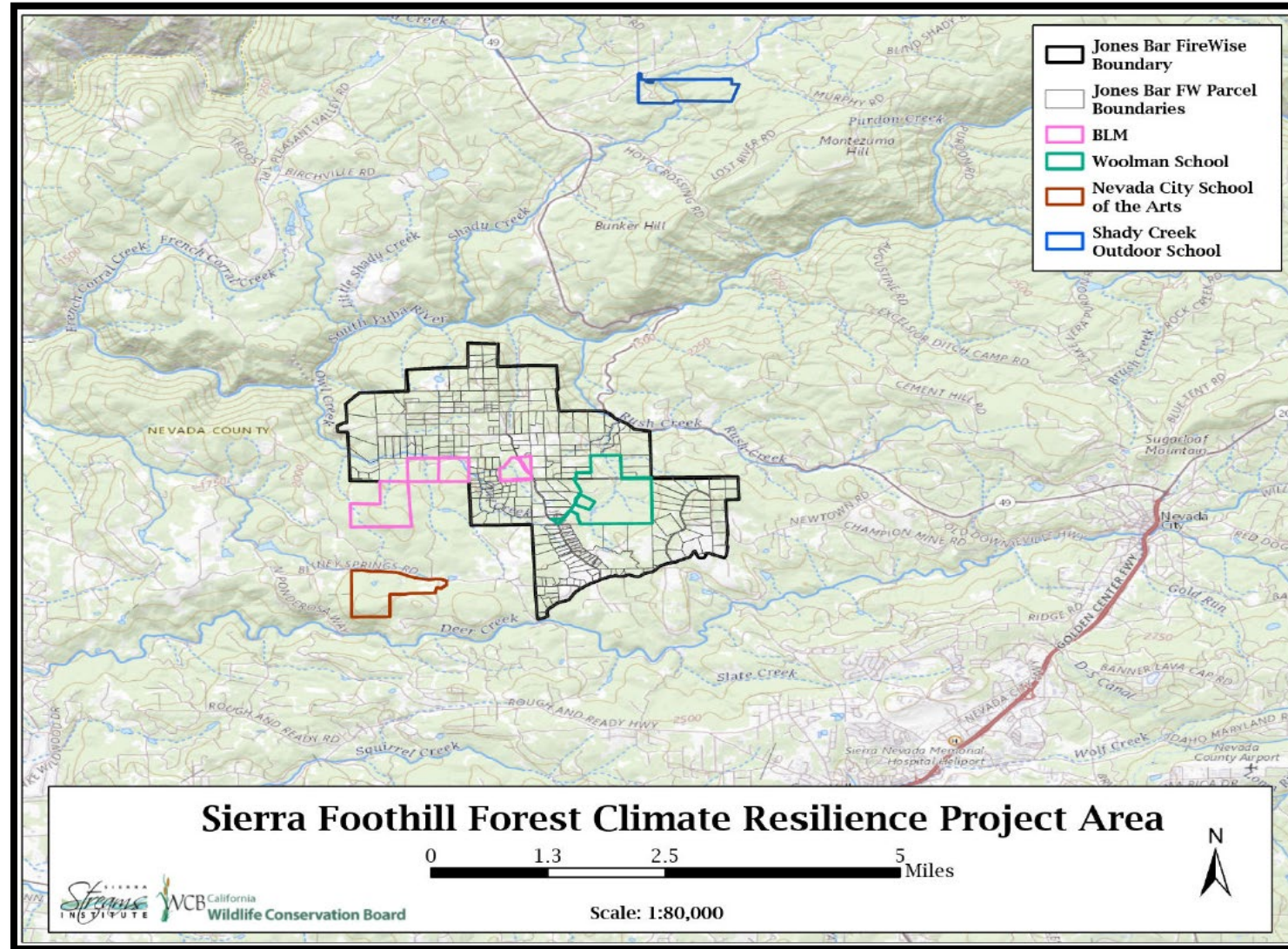


Sierra Foothill Forest Climate Resilience Project

Community Participation

- Held 7 Community Shareouts at Woolman School
- Fire modeling simulation
- Inventoried approx. 50 properties
- Incorporated landowner feedback, resulting in:

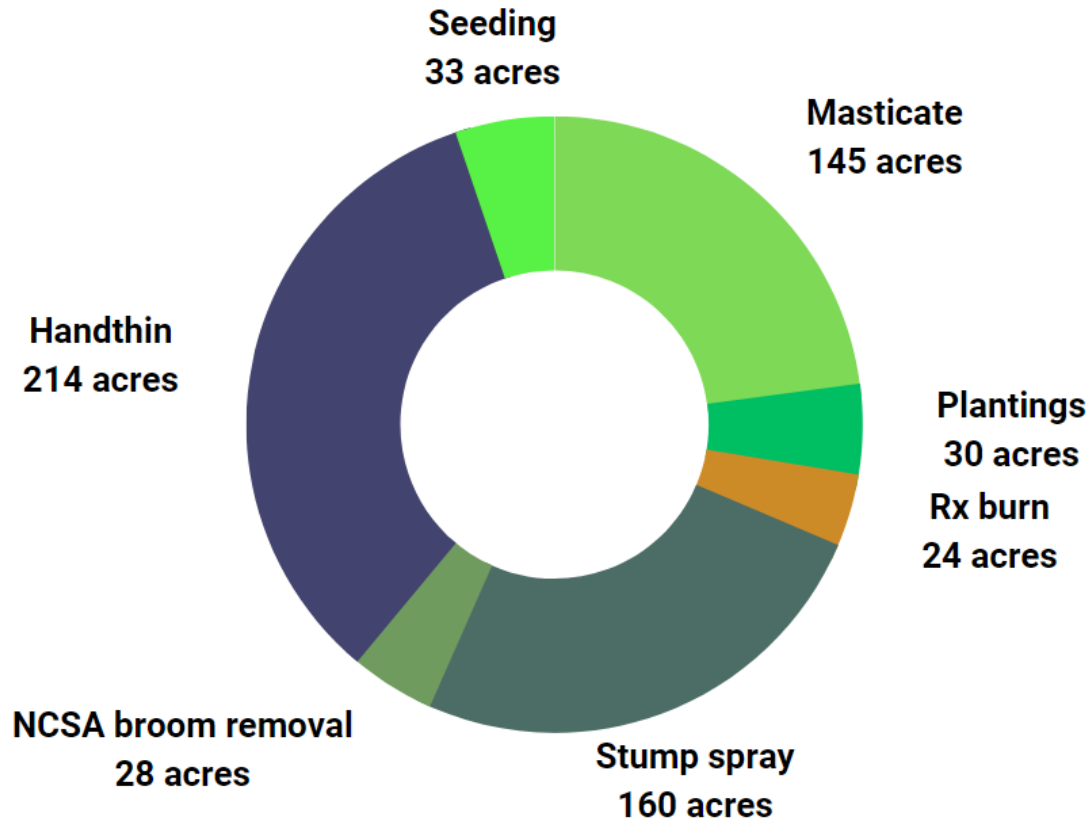
Phase I culminated in a Resource [Toolkit](#) and 4 Forest Management Plans



Sierra Foothill Forest Climate Resilience Project



Targeting 625 acres
BLM: 80 acres
Private: 545 acres



Sierra Foothill Forest Climate Resilience Project Timeline



Spring/Summer 2022

Fall 2022 - Spring 2023

Spring - Fall 2023

Fall 2023 - Spring 2027

Data Collection	Forest Management Plan (FMP) Development	Implementation Prep	Implementation
<ul style="list-style-type: none"> ✓ Landowner outreach ✓ Project presentations ✓ Forest inventories At Shady Creek, Woolman and NCSA Outdoor Schools, and JB FireWise Community parcels 	<ul style="list-style-type: none"> ✓ Incorporate community input ✓ Research on managing for future climatic conditions ✓ Writing of FMPs ✓ Submit grant application for implementation funding ✓ Submit all deliverables to WCB 	<ul style="list-style-type: none"> ✓ Secure CEQA for the private parcels ✓ Secure funding for implementation - Flag units - Site visits and vetting of contractors - Resource Toolkit for Western Nevada County rollout 	<ul style="list-style-type: none"> -Oversee contractors -Facilitate student stewardship activities -Community shareouts with NevCo OES -Recruit volunteers for Rx burning and planting/seeding -Photo-point monitoring (before, during and after) -Annual and final project updates submitted to WCB

Recommendations



Approve resolution accepting the California Department of Forestry and Fire Protection (CAL FIRE) grant for the Woodpecker Ravine Shaded Fuel Break Phase 2 Project (5GA22209)



Approve resolution accepting the USDA, United States Forest Service (USFS), Pacific Southwest Region, Fire and Aviation Management grant for the Ponderosa West Grass Valley Defense Zone Extension Project (Phase I Maintenance) (23-DG-11052012-154)



Approve resolution accepting the Wildlife Conservation Board (WCB) grant for the Sierra Foothill Forest Climate Resilience Project (WC-2340KM)

Questions?



FEMA

