

Hazardous Tree Removal Project

Department of Public Works &
Office of Emergency Services



An aerial photograph showing a residential property with a large, dark plume of smoke rising from a structure that appears to be on fire. The property is surrounded by trees and a driveway. The background shows a hilly landscape with more trees and a road.

Vegetation Mitigation Importance

- **Helps protect life and property**
- **Provides defensible space**
- **Improves ingress/egress route safety**
- **Supports first responders**

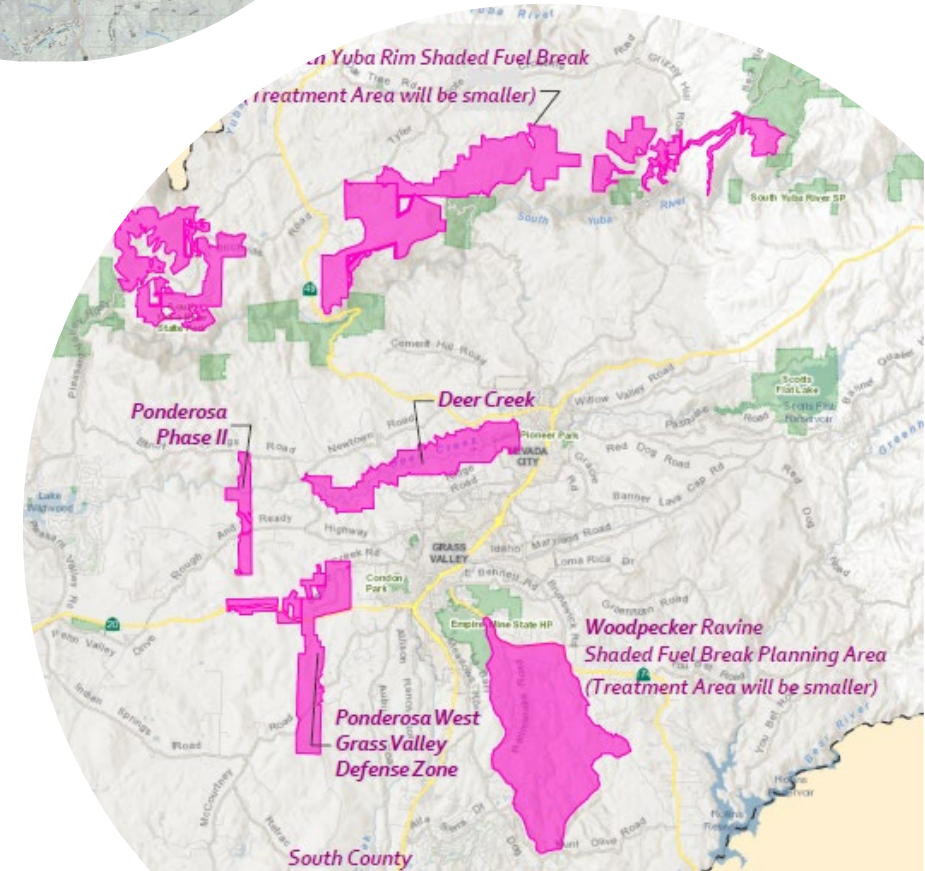
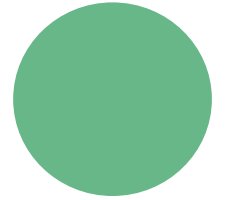
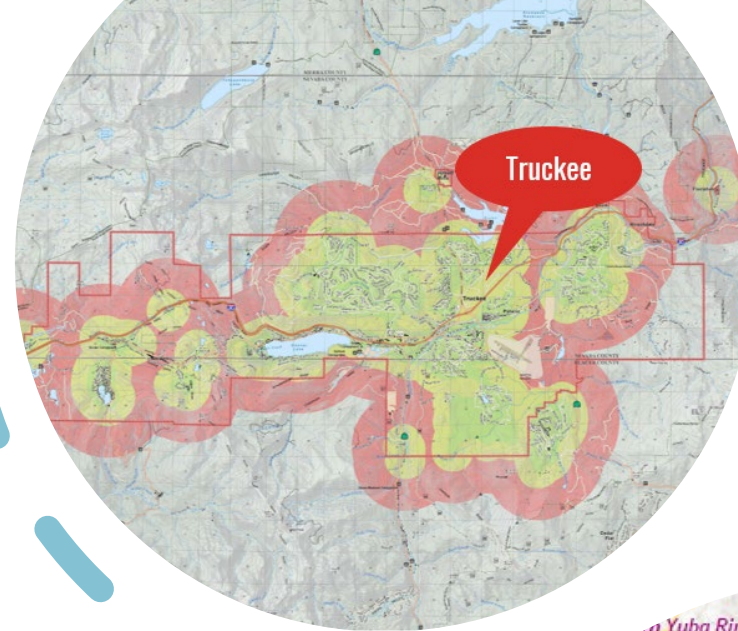
What's Being Done?

- Fuels removed from over 200 miles of County roads – CAL FIRE Grants
- Over 100 miles of debris cleared/processed from public roads due to winter storms
- Ponderosa West Shaded Fuel Break – Phase I
- Green waste removal – Over 7,800 loads – Over 3,400 tons
- Firewise Communities Micro-Grant Program
- AFN Programming
- Hazardous tree removal project – Fall/Winter 2022



Moving Forward

- **Critical Planning**
 - Local Hazard Mitigation Plan (LHMP)
 - Community Wildfire Protection Plan (CWPP)
 - Evacuation Study
- **Shaded Fuel Break Projects**
 - Ponderosa West Phase II
 - Ponderosa West Phase I Maintenance
 - South County
 - Woodpecker Ravine
- **Sustainable Green Waste Solutions**
- **Leveraging Partnerships**





Challenges

- **Sustainable & flexible funding**
- **Capacity**
- **Regulatory barriers**
- **Frequency & variety of emergency events**
- **Variety of property stakeholders**
- **Tree mortality**

CAL FIRE Grant

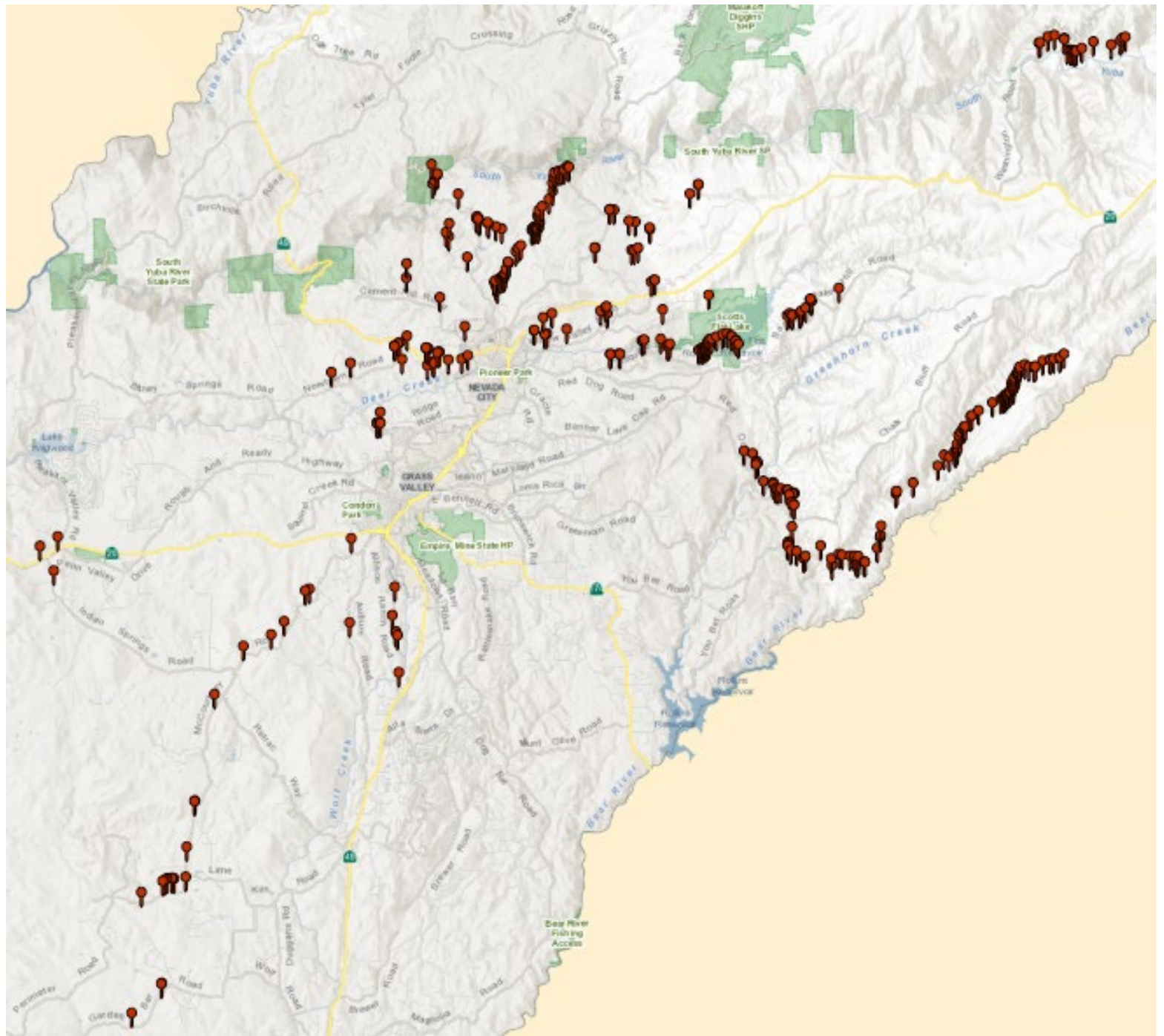
Grant 5GA21115

- SR22-0505 \$950,000 - accepted May 24, 2022
 - Projects Awarded:
 1. Remove public r/w storm debris from Rise Mine site – Robinson
 - \$98,059.50 – Complete
 2. Remove remaining storm debris from County roadways – McKellar
 - \$300,00 - Complete
 3. Assist County with Green Waste Days.
 - \$21,611 - Complete
 - Projects Allocated but not yet awarded
 1. Remove hazardous trees from County r/w – Fall 2022
 - Allocated \$ 395,780
 2. Forester- Fall 2022
 - Allocated \$91,500

Hazardous Tree Removal Project

- Remove 417 dead trees along County right-of-way
- Project out to bid on Sept. 14 (Pending)
- Project bid opening on Oct. 6 (Pending)
- Project Award on Oct. 25 (Pending)
- Begin Work mid November

Tree Removal Locations



Grant Budget

Budget Category	Item Description	Cost Basis			Cost Share (%)		Funding Source (\$)		Total (\$)
		Quantity	Units	Cost/Unit	Grant	County	Grant	County	
A. Salaries and Wages									
	Engineering Tech III	400	Hours	40	100%	-	15,990	-	15,990
	Principal Civil Engineer	180	Days	78	100%	-	14,078	-	14,078
	Assistant Engineer	750	Hours	49	100%	-	36,965	-	36,965
	Sub-Total Salaries and Wages:						67,033	-	67,033
B. Employee Benefits									
	Engineering Tech III	400	Hours	34	100%	-	13,565	-	13,565
	Principal Civil Engineer	180	Days	47	100%	-	8,418	-	8,418
	Assistant Engineer	750	Hours	38	100%	-	28,485	-	28,485
	Sub-Total Employee Benefits:						50,468	-	50,468
C. Contractual									
	Storm Debris Removal Contractor	1	Days	300,000	80%	20%	240,000	60,000	300,000
	Tree Removal Contractor	1	Each	395,780	80%	20%	316,624	79,156	395,780
	Stockpile Removal	1	Contract	104,500	80%	20%	83,600	20,900	104,500
	Forester & CEQA	1	Days	91,500	80%	20%	73,200	18,300	91,500
	Green Waste Day Removal	1	Miles	21,611	80%	20%	17,289	4,322	21,611
	Sub-Total Contractual:						730,713	182,678	913,391
F. Equipment									
	Multihog w/masticating arm	1	Each	95,000	-	100%	-	95,000	95,000
	Sub-Total Equipment:						-	95,000	95,000
G. Other Costs									
	Public Notification	2	Each	250	-	100%	-	500	500
	Public Notification	1	Days	120	-	100%	-	120	120
	Sub-Total Other Costs						-	620	620
Total Direct Costs							\$ 848,214	\$ 278,298	\$ 1,126,512
12% Indirect Costs (Exclude Equipment)							\$ 101,786		\$ 101,786
Total Grant Proposed Costs							\$ 950,000	\$ 278,298	\$ 1,228,298

Questions?