

# AGENDA TRANSMITTAL FORM

<input checked="" type="radio"/> Regular Agenda
<input type="radio"/> Consent Agenda
<input type="radio"/> Blue Slip
<input type="radio"/> Closed Session
Meeting Date Requested: 02/23/2016

To: Board of Supervisors  
Date: 01/20/2016

From: John Plasse, Chairman Phone Ext. x470  
(Department Head - please type)

Department Head Signature [Signature]

Agenda Title: Kirkwood Meadows Public Utility District and Kirkwood Community

Summary: (Provide detailed summary of the purpose of this item; attach additional page if necessary)  
General update by Mr. Michael Sharp, KMPUD General Manager.

Recommendation/Requested Action:

Fiscal Impacts (attach budget transfer form if appropriate) Staffing Impacts

Is a 4/5ths vote required? Yes  No

Contract Attached:  Yes  No  N/A  
Resolution Attached:  Yes  No  N/A  
Ordinance Attached:  Yes  No  N/A

Committee Review? Name \_\_\_\_\_ N/A

Committee Recommendation: \_\_\_\_\_

Comments: \_\_\_\_\_

Request Reviewed by:  
Chairman \_\_\_\_\_ Counsel GC  
Auditor YOR GSA Director Hop  
CAO OR Risk Management \_\_\_\_\_

Distribution Instructions: (Inter-Departmental Only, the requesting Department is responsible for distribution outside County Departments)

### FOR CLERK USE ONLY

Meeting Date 2/23/16 Time \_\_\_\_\_ Item # 7

Board Action: Approved Yes \_\_\_ No \_\_\_ Unanimous Vote: Yes \_\_\_ No \_\_\_  
Ayes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_ Other: \_\_\_\_\_  
Noes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_  
Absent: \_\_\_\_\_ Comments: \_\_\_\_\_

Distributed on \_\_\_\_\_  
Completed by \_\_\_\_\_  
A new ATF is required from \_\_\_\_\_ Department For meeting of \_\_\_\_\_

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AMADOR COUNTY COMMUNITY DEVELOPMENT AGENCY  
**TRANSPORTATION & PUBLIC WORKS**

PHONE: (209) 223-6429  
 FAX: (209) 223-6395  
 WEBSITE: [www.amadorgov.org](http://www.amadorgov.org)  
 EMAIL: [PublicWorks@amadorgov.org](mailto:PublicWorks@amadorgov.org)

COUNTY ADMINISTRATION CENTER • 810 COURT STREET • JACKSON, CA 95642-2132

**MEMORANDUM**

**TO:** Board of Supervisors  
**FROM:** Department of Transportation and Public Works  
**DATE:** February 17, 2016  
**SUBJECT:** 15/16 Pavement Management Project  
**CONTACT:**  Scott Doolittle, Senior Engineering Technician (223-6431)

**Recommendation:** It is recommended that the Board of Supervisors direct staff to prepare Plans, Specifications and Estimate, and Advertise for Bids on the 15/16 Pavement Management Project.

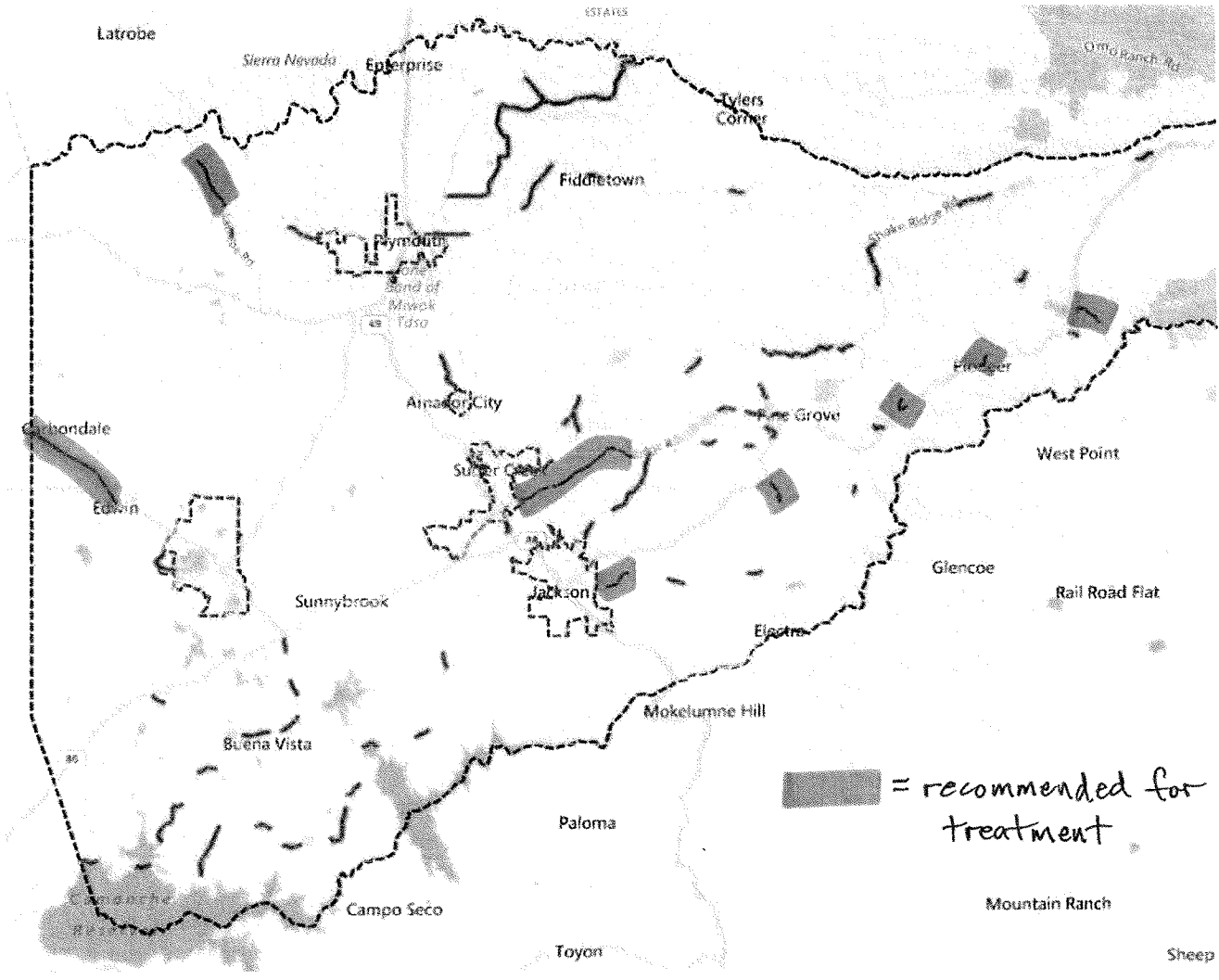
**Fiscal Impact:** Budgeted

Fiscal Year 15/16	\$678,000	One-Time Funds
Fiscal Year 14/15	\$200,000	One-Time Funds
	\$878,000	

**Discussion:** NCE performed surveys of representative samples of each section of our road system. After measuring distresses such as cracking and weathering, a database was created using StreetSaver software. Based on the effect of each distress on the remaining service life of a pavement, each section was given a rating known as a Pavement Condition Index (PCI) between 1 and 100. This number objectively groups pavements into the following categories:

PAVEMENT CONDITION INDEX CATEGORIES		
PCI	PCI CATEGORY	RECOMMENDED TREATMENT
70-100	<b>GOOD</b>	Preventative Maintenance: Microsurfacing every 5-10 years
50-69	<b>FAIR DUE TO AGE / WEATHER</b> <b>FAIR DUE TO LOADING</b>	Restoration: Microsurfacing with 5 - 15% Base Repair
25-49	<b>POOR</b>	Restoration: Microsurfacing with 15 - 25% Base Repair
0-24	<b>VERY POOR / FAILED</b>	Reconstruction: Full-Depth Reclamation

With the reality of limited funding, the software also determines which roads will benefit the most from treatment today, providing the longest remaining pavement life for a given budget. The roads with the highest benefit-cost ratio are shown as green and blue in the following map:



Pending field inspection to verify the treatment of these sections, the following sections (measured in centerline miles) are recommended for this project:

- 1.1 mi Microsurfacing: Clinton Rd from Jackson City Limit to 15501 Clinton Rd
- 0.7 mi Microsurfacing: Clinton Rd from Golden Oaks Ct to Hwy 88
- 3.0 mi Microsurfacing: Michigan Bar Rd from Hwy 104 to Sacramento Co Line
- 0.5 mi Microsurfacing: Homestead Rd from Hwy 88 to PM 0.5
- 0.5 mi Microsurfacing: Pioneer Creek Rd from Hwy 88 to Buckhorn Ridge Rd
- 0.4 mi Microsurfacing: Buckhorn Ridge Rd from Pioneer Creek Rd to PM 0.5
- 0.9 mi Microsurfacing: Silver Drive from Hwy 88 to Cedar Heights Dr
- 2.6 mi Microsurfacing: Ridge Road from Sutter Creek City Limit to PM 3.5
- 1.5 mi Microsurfacing & 10% digouts: Latrobe Rd between Old Sacramento Rd to El Dorado Co Line (*portions*)
- 11.2 mi Total**

**Measures / Evaluation:** This project will provide preventative maintenance to approximately 11 centerline miles (or 22 lane-miles) of county roads with an estimated cost of \$38,000 per lane-mile for a total estimate of \$836,000. Service life in these sections will be extended 7-10 years and prevent these sections from needing more expensive repairs in the future.

# AGENDA TRANSMITTAL FORM

To: Board of Supervisors

Date: 01/29/2016

From: John Plasse, Chairman  
(Department Head - please type)

Phone Ext. x470

- Regular Agenda
  - Consent Agenda
  - Blue Slip
  - Closed Session
- Meeting Date Requested:  
02/23/2016

Department Head Signature \_\_\_\_\_

Agenda Title: Pacific Gas and Electric Company Economic Vitality Grant

Summary: (Provide detailed summary of the purpose of this item; attach additional page if necessary)

Presentation of the 2015 Pacific Gas and Electric Company Economic Vitality Grant to the Amador Community College Foundation by PG&E representatives. The grant in the amount of \$20,000 will be used to support the Career Pathways for Amador County Youth program. Ten grants were awarded in California. ACCF will begin implementation of this program in 2016. Funding from this grant will allow the Amador Learning Center ALC to add a part-time Internship Coordinator. The Internship Coordinator would serve as a liaison between the ALC and business/organizations in Amador County to develop a range of student internship programs.

Recommendation/Requested Action: \_\_\_\_\_

Fiscal Impacts (attach budget transfer form if appropriate) \_\_\_\_\_  
Staffing Impacts \_\_\_\_\_

Is a 4/5ths vote required? Yes  No

Contract Attached:  Yes  No  N/A  
 Resolution Attached:  Yes  No  N/A  
 Ordinance Attached:  Yes  No  N/A

Committee Review? Name \_\_\_\_\_ N/A

Committee Recommendation: \_\_\_\_\_

Comments: \_\_\_\_\_

Request Reviewed by:

Chairman \_\_\_\_\_ Counsel GC  
 Auditor JOR GSA Director Hof  
 CAO \_\_\_\_\_ Risk Management \_\_\_\_\_

Distribution Instructions: (Inter-Departmental Only, the requesting Department is responsible for distribution outside County Departments)

\_\_\_\_\_

### FOR CLERK USE ONLY

Meeting Date 2/23/16 Time \_\_\_\_\_ Item # 8

Board Action: Approved Yes \_\_\_ No \_\_\_ Unanimous Vote: Yes \_\_\_ No \_\_\_

Ayes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_ Other: \_\_\_\_\_  
 Noes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_  
 Absent: \_\_\_\_\_ Comments: \_\_\_\_\_

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Completed by _____		

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# AGENDA TRANSMITTAL FORM

To: Board of Supervisors

Date: 02/17/2016

From: Aaron Brusatori  
(Department Head - please type)

Phone Ext. 248

<input checked="" type="radio"/>	Regular Agenda
<input type="radio"/>	Consent Agenda
<input type="radio"/>	Blue Slip
<input type="radio"/>	Closed Session
Meeting Date Requested:	
<u>02/23/2016</u>	

Department Head Signature *Aaron Brusatori*

Agenda Title: 2015/16 Pavement Management Program Implementation

Summary: (Provide detailed summary of the purpose of this item; attach additional page if necessary)  
 The 2015 Pavement Management Program Update has been completed and was presented to the Board of Supervisors on November 24, 2015. The information generated during the 2015 PMP Update was entered into the StreetSaver Pavement Management program. During the November Board meeting, the Board supported the consultant recommendation of a budget split of 80% toward preventative maintenance of the better, higher PCI, roads and 20% toward reconstruction and patching of the lower PCI roads. Staff has utilized StreetSaver to generate a list of roads which would benefit from preventative maintenance in the form of Microsurfacing. Staff reduced that list to 11.2 miles of roads through out Amador County as shown on the Staff Report. Staff would like the following direction from the Board: 1 Move forward with the identified road sections or identify specific road sections to be included/deleted from the list 2. Direct Staff to prepare PS&E and advertise Bids for the 2015/16 PMP Implementation. Construction is anticipated for May/June 2016.

Recommendation/Requested Action:  
**Direct staff to prepare plans specifications and estimates and advertise for bid the 2015/16 PMP Implementation.**

Fiscal Impacts (attach budget transfer form if appropriate) \_\_\_\_\_ Staffing Impacts \_\_\_\_\_

Is a 4/5ths vote required? Yes  No

Committee Review? N/A   
 Name \_\_\_\_\_  
 Committee Recommendation: \_\_\_\_\_

Contract Attached:  Yes  No  N/A  
 Resolution Attached:  Yes  No  N/A  
 Ordinance Attached:  Yes  No  N/A  
 Comments: \_\_\_\_\_

Request Reviewed by:

Chairman \_\_\_\_\_ Counsel \_\_\_\_\_  
 Auditor \_\_\_\_\_ GSA Director \_\_\_\_\_  
 CAO \_\_\_\_\_ Risk Management \_\_\_\_\_

Distribution Instructions: (Inter-Departmental Only, the requesting Department is responsible for distribution outside County Departments)

### FOR CLERK USE ONLY

Meeting Date 2/23/16 Time \_\_\_\_\_ Item # 9

Board Action: Approved Yes \_\_\_ No \_\_\_ Unanimous Vote: Yes \_\_\_ No \_\_\_

Ayes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_ Other: \_\_\_\_\_  
 Noes \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_  
 Absent: \_\_\_\_\_ Comments: \_\_\_\_\_

Distributed on _____	A new ATF is required from _____ Department _____	I hereby certify this is a true and correct copy of action(s) taken and entered into the official records of the Amador County Board of Supervisors.
Completed by _____ of _____	For meeting _____ of _____	ATTEST: _____ Clerk or Deputy Board Clerk

# AGENDA TRANSMITTAL FORM

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<input type="radio"/> Closed Session
Meeting Date Requested: <u>02/23/2016</u>

To: Board of Supervisors  
 Date: 02/17/2016

From: Lynn Morgan, District III Supervisor Phone Ext. \_\_\_\_\_  
 (Department Head - please type)

Department Head Signature 

Agenda Title: Tree Mortality

Summary: (Provide detailed summary of the purpose of this item; attach additional page if necessary)  
 Discussion and possible action relative to adopting a Declaration of Emergency for Tree Mortality in Amador County due to drought and bark beetle infestation.

Recommendation/Requested Action: \_\_\_\_\_

Fiscal Impacts (attach budget transfer form if appropriate) \_\_\_\_\_ Staffing Impacts \_\_\_\_\_

Is a 4/5ths vote required? Yes <input type="radio"/> No <input type="radio"/> Committee Review? Name _____ N/A <input type="checkbox"/> Committee Recommendation: _____	Contract Attached: <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A Resolution Attached: <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A Ordinance Attached: <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A Comments: _____ _____
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Request Reviewed by:

Chairman _____	Counsel <u>CC</u>
Auditor <u>JOR</u>	GSA Director <u>HP</u>
CAO <u>AK</u>	Risk Management _____

Distribution Instructions: (Inter-Departmental Only, the requesting Department is responsible for distribution outside County Departments)  
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### FOR CLERK USE ONLY

Meeting Date <u>2/23/16</u>	Time _____	Item # <u>10</u>
Board Action: Approved Yes ___ No ___	Unanimous Vote: Yes ___ No ___	
Ayes: _____	Resolution _____	Ordinance _____
Noes: _____	Resolution _____	Ordinance _____
Absent: _____	Comments: _____	

Distributed on _____  Completed by _____	A new ATF is required from _____ Department _____ For meeting _____ of _____	I hereby certify this is a true and correct copy of action(s) taken and entered into the official records of the Amador County Board of Supervisors.  ATTEST: _____ Clerk or Deputy Board Clerk
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## Office of Emergency Services County of Tuolumne

John Gray, Director  
Craig L. Pedro, Assistant Director  
Tracie M. Riggs, Coordinator

Tuolumne County Administration Center  
2 South Green Street  
Sonora, CA 95370  
Phone (209) 533-5511  
Fax (209) 533-5510

### Tree Mortality Hazard Tree Removal Plan

The Tuolumne County Board of Supervisors proclaimed a Local State of Emergency due to drought conditions in February 2014 and has renewed it every 30 days as required by the California Emergency Services Act, Article 14 §8630(c). Four years of extreme drought have created cascading effects to the residents of Tuolumne County such as failing wells and pervasive tree mortality. It is estimated there are over 29 million dead trees in California and this number continues to grow. As a result, the Board of Supervisors proclaimed a Local State of Emergency on September 15<sup>th</sup>, 2015.

There are several tools Tuolumne County will employ in approaching removal of hazard trees that threaten public infrastructure and public safety.

#### **Core Planning Team – First meeting Dec 9, 2015**

Role: Assist in developing operational plans, resource sharing, regulatory oversight and facilitation.

*Participants include:*

Tuolumne County OES	PG&E
Tuolumne County Roads Dept.	Cal Trans
Cal Fire/County Fire	Cal OES
US Forest Service	Tuolumne Utilities District
Hwy 108 Fire Safe Council	Groveland CSD
Yosemite Fire Safe Council	

*SPI*  
The Core Planning team will consist of decision makers from each of the agencies listed above which will allow for the utmost efficiency when creating operational plans county wide.

#### **Tree Mortality Task Force – First meeting October 8, 2015**

Role: Forum for information sharing/gathering and coordination of plans and resources. This monthly meeting will create the venue for county, city and special districts to discuss needs, concerns and resources with local, state, and federal regulators as well as the Fire Safe Councils who have the necessary expertise and experience to offer guidance throughout the process.

*Participants include:*

Tuolumne County AG Commissioner	American Wood Fibers
Tuolumne County Roads Dept.	Natural Resources Conservation
US Forest Service-Stanislaus	Svcs.
Highway 108 Fire Safe Council	City of Sonora
Yosemite Foothills Fire Safe Council	U.S. Dept. of Agriculture
PG&E	Me-Wuk/Sugar Pine Fire Dept.
AT&T	Sierra Resource Management
Comcast	Chicken Ranch Tribal Council
Cal Trans	Cal OES
Tuolumne Band of Me-Wuk Indians	South West Inter Face Team
Tuolumne Utilities District	Tuolumne County Sheriff Office
Twain Harte CSD/Fire Dept.	Tuolumne County Fire Chiefs' Ass.
Groveland CSD/Fire Dept.	Hetch Hetchy Water and Power
Lake Don Pedro CSD	State Parks
Tuolumne County Office of Education	Farm Advisor (UC Davis Cooperative
Ultra Power Chinese Camp	Extension)
Sierra Pacific Industries	BLM

### Sub-Groups

Role: Communication, coordination and resource sharing

Homeowner's Associations  
Community water companies  
Local timber/tree falling companies  
Mills (SPI, Ultrapower, American Wood Fibers)  
Inmate crew coordination

These groups will be short lived and created on an as needed basis.

### Education & Outreach

An important role County OES fulfills is education and outreach. With regard to the tree mortality emergency, staff has been meeting with and providing guidance to other local jurisdictions on how to access CDAA (e.g. Community Service Districts, School Districts). This process includes:

- ✓ Cover letter
- ✓ Resolution (to designate authorized agent)
- ✓ Resolution (proclaiming a state of emergency)
- ✓ Application
- ✓ Plan development
- ✓ Reimbursement



Presentations will be made to local service clubs seeking assistance on behalf of private landowners.

A multi-jurisdictional webpage has been developed by staff that resides on the County portal dedicated to tree mortality. The types of information available include:

- Current County resolution proclaiming a local state of emergency
- Governor's Executive Order on Tree Mortality and authorizing CDAA
- FAQ's
- Informational brochures/handouts
- Links to essential sites
- Contact info
- Current actions
- List of Licensed Timber Operators (Tree Removal Companies)
- List of Licensed Foresters and Arborists

Additional outreach and education will take place utilizing local media outlets such as:

- KVML
- myMOTHERLODE.com
- Union Democrat

Community forums were an effective tool in communicating with residents during past emergencies and will be employed once jurisdictional plans are finalized.

### **Role of all Local Governmental Agencies**

Each agency must apply for CDAA independently of the County and is responsible to develop its own plans based on what their governing Board desires to accomplish and within their jurisdictional authority. Local governments include County, City, special districts and Tribes. It is important for the Board and the community to understand that the application for CDAA and the way in which each agency implements their plan is between them and Cal OES.

### **Hazard Tree Removal on County Owned and Maintained Properties**

The County of Tuolumne has been in the process of identifying and removing dead and dying trees due to drought and successful bark beetle infestation for months now. This process continues as the number of hazard trees has greatly increased. Public safety and continuity of essential services (power, water, communications, roads, etc.) are of primary concern. Therefore, County resources will be focused in the following areas:

- Roads
- County Facilities
- Airports

Tuolumne County will assess all County owned and maintained infrastructure for dead and/or dying trees due to drought and bark beetle infestation within 200 feet of infrastructure. Registered Professional Foresters (and/or licensed Arborists) will inspect trees for successful bark beetle attack and designate trees for removal. Visually dead trees (brown from top to bottom) will be marked and pictures taken to document mortality. Photographs will be taken of all dead trees and a GIS mapping system is being developed utilizing GPS locators for each worksite.

The Roads Department is assessing all County roads (with assistance of Licensed Foresters or Arborists) and will be prioritized and categorized as outlined below:

- Priority 1 – Major Collectors (ex. Tuolumne Rd., Phoenix Lake Rd.)
- Priority 2 – Minor Collectors (ex. Fuller Rd., Woodham Carne Rd.)
- Priority 3 – Local Collectors (ex. Subdivisions: Ponderosa Hills)

Only roads in pine belts will be assessed at this time (2,500-6,000 ft elevation).

### **Private Property**

Hazard trees located on private property, that threaten public Right of Way or Public Infrastructure, will be assessed and removed with landowner approval only (Right of Entry Permit attached). By signing the attached permit, landowner allows access and entry to property to the State of California, the County of Tuolumne, and their agents, officials, employees, and/or volunteers, contractors and subcontractors, subject to all license, easements, encumbrances, and claims affecting the Premises. The owner grants County a right-of-entry (“Permit”) over the premises for the purpose of inspecting the premises for dead and/or dying trees, testing materials on the Premises, removing and/or clearing trees, hauling and/or disposing of trees, subject to the terms set forth in the Permit. No inspection, removal or clearance of trees will take place until Permit is signed. Owner also agrees and understands the County and/or its agents may sell the felled trees and hereby waives any and all right, actions, claims, in law or equity as to the value of the said trees in exchange for the services provided pursuant to this Permit. The county will not be requesting reimbursement from Cal OES for the removal of trees from private property that do not threaten the public Right of Way or Public Infrastructure.

## **Removal and Disposal of Trees, Slash and Wood Products**

Removal and disposal of wood products is one of the most difficult aspects of the hazard tree removal process as resources are very limited. However, there are several tools available locally to assist in the removal of trees and slash. Located within Tuolumne County are several mills:

- Sierra Pacific Industries
- Ultra Power-Chinese Camp
- American Wood Fibers

Each has indicated their willingness to become a partner by accepting wood products.

Per the Governor's Executive Order on October 30, 2015, County staff is working with Cal Trans and Cal Fire in identification of equipment such as commercial chippers, masticators, and air curtain burners that can be made available for use. Cal Fire will provide a list of locations for storage locations for removed trees and Cal Trans is assessing their needs for woodchips and mulch that can be used locally.

Meetings with local tree removal companies and haulers has been scheduled to determine capacity for potential contracts.

The County is also in the process of developing a contract with a local company who specializes in all aspects of tree removal, inclusive of consulting on process, site management of sites designated to receive wood product, and rental of equipment.

### **Inmate Crews**

County staff has met with Cal Fire representatives and the local Sheriff's Office in an effort to contract for use of inmate crews. These crews offer a cost effective manner in which to provide labor for removing small trees, limbing trees that have been felled, bucking up logs, debris clean up, and feeding chippers and air curtain burners.

### **Request for Air Curtain Burner**

County is in the process of developing a request to Cal OES and/or Cal Fire to purchase an Air Curtain Burner to dispose of slash, small trees, limbs, branches, and pine needles. A location will be designated to bring slash and other wood products in which local inmate crews will maintain the site and feed the wood products into the air curtain burner.

## **Potential Revenues Generated by Wood Product**

Any revenues generated from the sale of wood products salvaged may be used to offset the local match of 25% or to offset the claim to Cal OES for CDAA. As outlined in the Right of Entry Permit, any and all revenues generated from wood product salvaged from private property is waived, by the landowner, in exchange for the services provided pursuant to the Permit signed by the land owner.

***This plan is a rough draft and has not yet gone before the Board of Supervisors for final approval. The plan is scheduled to go before the Board on January 5<sup>th</sup> for consideration and approval.***

No. 129-15

Filed: December 15, 2015

By: Alicia Jones  
Clerk of the Board of Supervisors



**RESOLUTION  
OF THE BOARD OF SUPERVISORS OF THE COUNTY OF TUOLUMNE  
December 15, 2015**

**Declaration of Local State of Emergency in Tuolumne County due to pervasive tree mortality;**

- WHEREAS,** California Government Code section 8630 and Chapter 2.40 of the Codified Ordinance of the County of Tuolumne empowers the Board of Supervisors to proclaim the existence or threatened existence of extreme peril to the safety of persons and property and are or are likely to be beyond the control of the services, personnel, equipment, and facilities of this County; and
- WHEREAS,** On January 17, 2014, the Governor of the State of California proclaimed a Drought State of Emergency as the State is experiencing the most severe drought in history with four years of below average rain and snow; and
- WHEREAS,** On February 4<sup>th</sup>, 2014, the Tuolumne County Board of Supervisors declared a local state of emergency due to drought conditions and imminent threat of disaster and has renewed same declaration every 30 days, as required by the California Emergency Services Act, Article 14 §8630(c); and
- WHEREAS,** California is in its 4<sup>th</sup> year of record drought resulting in widespread tree mortality and a major bark beetle epidemic; and
- WHEREAS,** On July 31, 2015, Governor Brown proclaimed a State of Emergency due to a series of wildfires statewide citing drought conditions which have increased the State's risk of wildfires and caused millions of trees to die; and
- WHEREAS,** On October 30, Governor Brown issued an Executive Order related to unprecedented tree mortality due to drought conditions, directed state agencies to begin collaborating and partnering with local government to take action to remove dead and dying trees threatening public safety and infrastructure and approved California Disaster Assistance Act funding to assist in these efforts; and
- WHEREAS,** US Forest Service and Cal Fire have reported there is over 13.4 million dead trees due to drought and bark beetle; and
- WHEREAS,** Unless the risks posed by dead, dying and diseased trees are immediately abated, there will be a significantly increased risk to life and property (e.g. trees falling on homes), and interruption of essential services (i.e. roads, power, water, sewer, communications); and

WHEREAS,

The magnitude of pervasive tree mortality represents a threat that is beyond the capacity of the County (public and private) services, personnel, equipment and facilities and requires coordination and assistance from State and Federal agencies.

NOW THEREFORE BE IT RESOLVED that the Tuolumne County Board of Supervisors do hereby find that the aforesaid conditions of extreme peril warrant and necessitate the proclamation of a local emergency in Tuolumne County and imminent threat of disaster as the result of tree mortality.

BE IT FURTHER RESOLVED that the Tuolumne County Board of Supervisors does hereby request the Governor of the State of California Proclaim a State of Emergency, approve California Disaster Assistance Act (CDAA) and seek a Federal assistance via a Presidential Proclamation.

BE IT FURTHER RESOLVED, that the County of Tuolumne also requests the State of California assist in the coordination of resources (e.g. CCC Crews, Prison Inmate Crews, etc...) to assist in the removal of dead and dying trees due to drought and bark beetle infestation.

BE IT FURTHER RESOLVED that the County of Tuolumne also requests the State of California to waive regulations that may hinder response (Department of Industrial Relations Registration) and recovery efforts, make available assistance under the California Disaster Assistance Act or any other state funding (e.g. SRA Grant Funds, AB32 Funds, etc...), and to expedite access to federal resources and any other appropriate federal disaster relief programs (e.g. USDA Funding, etc...).

BE IT FURTHER RESOLVED AND ORDERED that said local State of Emergency shall be deemed to continue to exist until its termination is proclaimed by the Board of Supervisors, County of Tuolumne, State of California.

ADOPTED BY THE BOARD OF SUPERVISORS OF THE COUNTY OF TUOLUMNE ON DECEMBER 15, 2015.

AYES:	1st Dist. <u>Brunnaw</u>	NOES:	___	Dist. <u>        </u>
	2nd Dist. <u>Hunkelt</u>		___	Dist. <u>        </u>
	3rd Dist. <u>Royce</u>	ABSENT:	___	Dist. <u>        </u>
	4th Dist. <u>Gray</u>		___	Dist. <u>        </u>
	5th Dist. <u>Rodger</u>	ABSTAIN:	___	Dist. <u>        </u>

*John Gray*  
 \_\_\_\_\_  
 John Gray  
 CHAIRMAN OF THE BOARD OF SUPERVISORS

ATTEST: *[Signature]*  
 Clerk of the Board of Supervisors

No. 129-15

## Amador County Tree Mortality

Amador County has approximately 376,081 acres. The USDA Forest Service Eldorado National Forest comprises 78,116 acres or 22%. USDOJ Bureau of Land Management comprises 9,045 acres or 2.5%. The rest, approximately 75%, is privately owned.

The USDA conducted the latest aerial detection survey of the central and south Sierra foothills July 6-10, 2015. Data collected on the extent and severity of tree mortality and damage during this survey shows current tree mortality in Amador County affecting approximately 60,000 trees on 15,000 acres (roughly 4% of the total County land area). As evidenced from the data and maps, the majority of this area is located within US Forest Service lands.

# Forest Health Protection Survey



## Aerial Detection Survey – South Sierra Foothills July 6<sup>th</sup>-10<sup>th</sup>, 2015

**Background:** Most of California is well into its fourth year of exceptional drought. As the drought has become increasingly severe and prolonged, tree mortality has generally increased in most areas, sometimes dramatically. This portion of the 2015 regular survey season was conducted for normal data collection within some of the most severe and prolonged drought conditions statewide and included areas of private lands not typically surveyed since mortality and other forest health concerns are not typically expressed in these areas. Particular attention was paid to lowland pine. Current drought conditions in this area are almost entirely exceptional especially to the south. See Figure 1

**Objective:** Detect and map extent and severity of tree mortality and drought stress along the central Sierras particularly within the Wildland Urban Interface where wild fires can most impact life and property. Much of this area was surveyed in April, but drought stress expression and status of deciduous trees particularly oaks were not discernable at that time. Additionally, more recent conifer mortality is now apparent.

**Surveyors:** J. Moore, A. Jirka, L. McAfee

**Methodology:** Recently dead or currently injured/stressed trees were mapped visually by surveyors using a digital aerial sketch-mapping system while flying in a light fixed-wing aircraft approximately 1,000 feet above ground level. Surveyors recorded the species of tree affected, number recently killed and/or any type of other damage (defoliation, dieback etc.) detected at each mapped location.

### Details:

- Approximately 3.6 million acres were surveyed; covering the lower western foothills of the central and southern Sierras from the Sacramento area south to Visalia. Much of this area is privately owned oak woodlands and low elevation pine forests, but public areas of note include the western extents of the Stanislaus, Sierra and Sequoia National Forests, Sequoia/Kings Canyon national Park and the Giant Sequoia National Monument. See Figure 3.
- An estimated more than 6 million recently killed trees across over 500,000 acres were recorded. See Figure 3.
- Drought induced oak discoloration/defoliation often associated with suspected mortality was widespread throughout the southern portion of surveyed area. Oaks often looked dead and were recorded as such over large areas. However, oak trees are quite tenacious and early leaf drop and die back are common drought responses. See Figures 2, 4.
- Well over half of the recorded mortality was of recently killed Ponderosa pine often mixed with incense cedar in the north, other pine species further south or with white fir in higher elevation areas. See Figures 5-8.
- Incense cedar mortality was also elevated and since these trees are not killed by bark beetles, mortality was attributed directly to drought. See Figures 5, 8.
- Gray pine mortality was also somewhat elevated but not at levels seen last year. See Figures 2, 7.

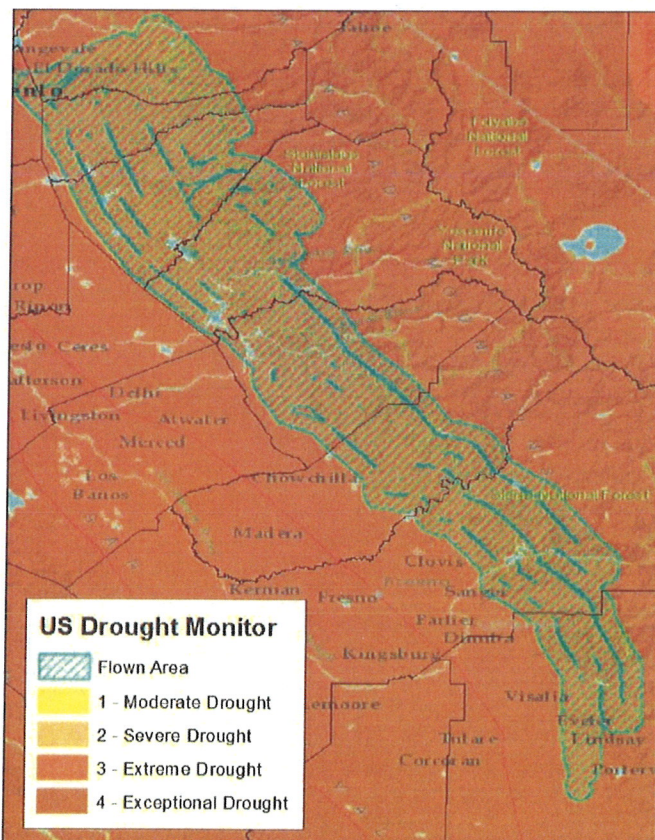


Figure 1. Flown area and drought conditions as of Aug 4, 2015 based on USGS Drought Monitor.

### Summary:

Area surveyed: 3.56 million acres  
Areas with mortality: 526,000 acres  
Estimated number of trees killed: 6,338,000

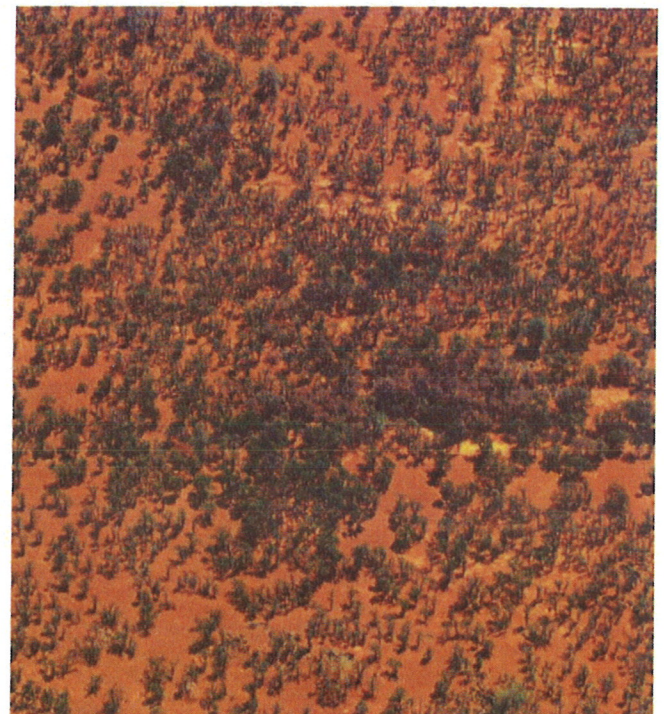


Figure 2. Gray pine, blue and live oak mortality and discoloration near Yuba River State Park.



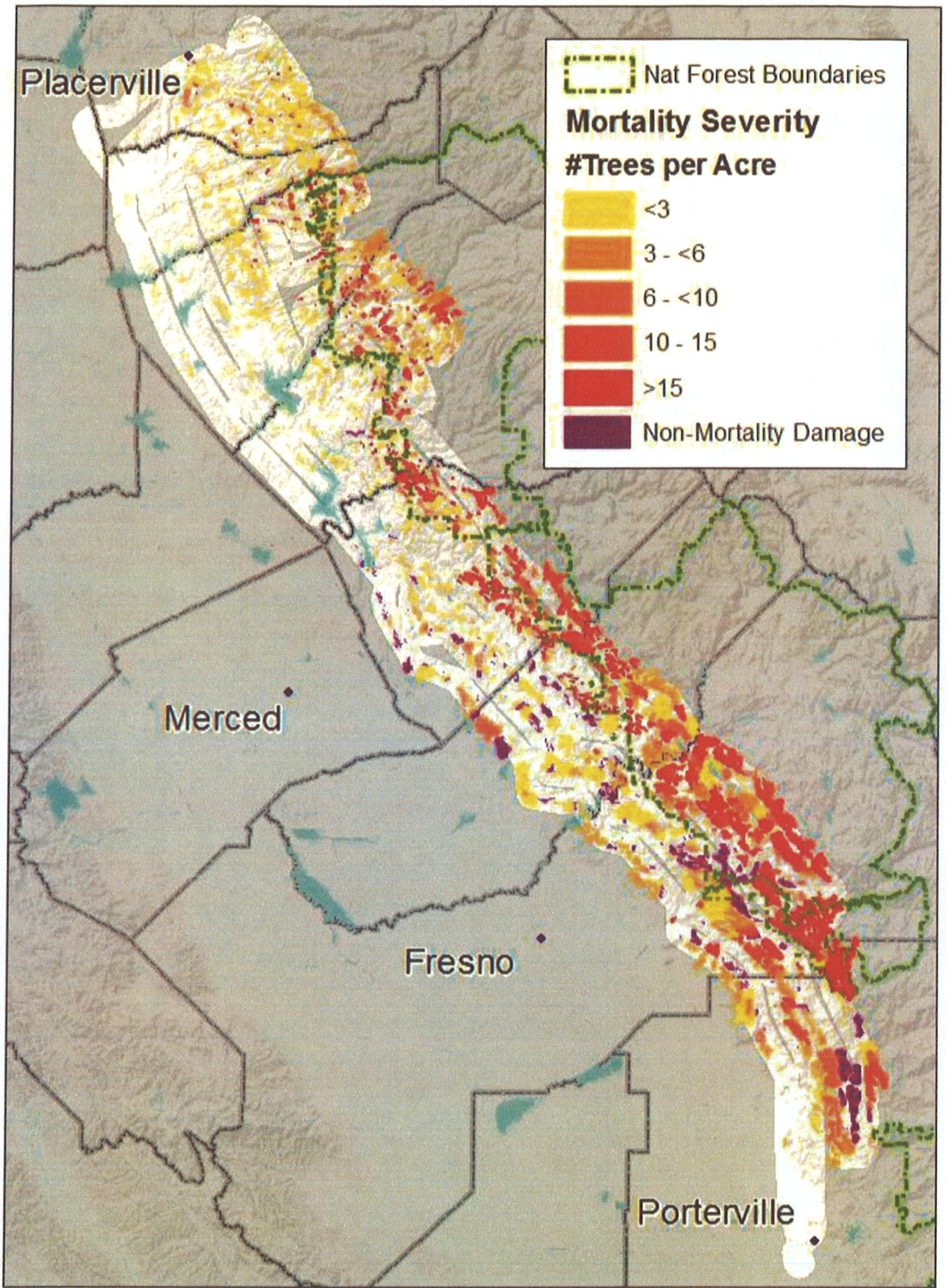
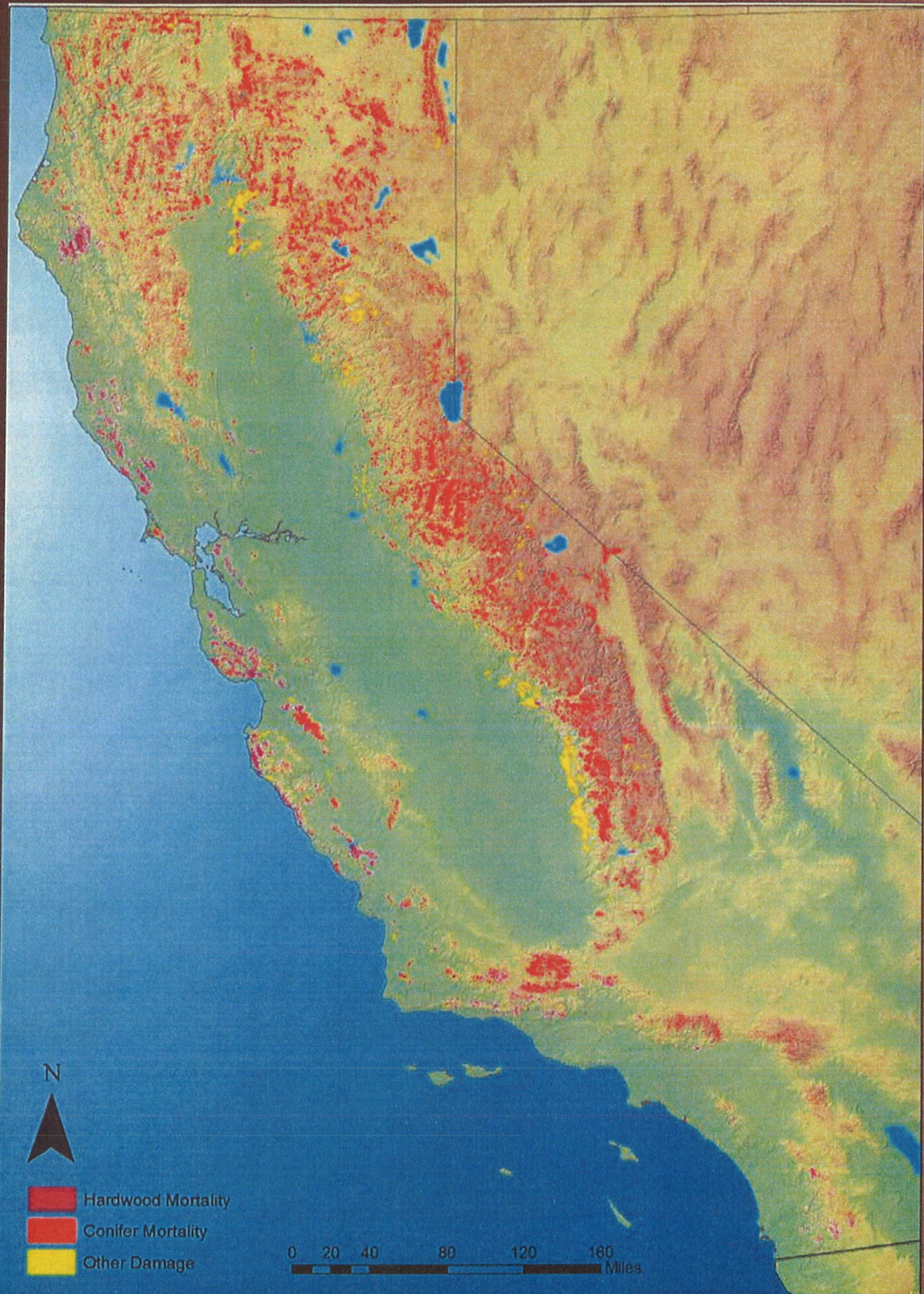


Figure 3. Map of area Surveyed depicting tree mortality and other damage.

# Flown Area and Damage Mapped





**RESOLUTION**  
**OF THE Board OF SUPERVISORS OF THE COUNTY OF AMADOR**  
**February 23, 2016**

**Declaration of Local State of Emergency in Amador County due to pervasive tree mortality;**

- WHEREAS,** On October 20, 2015, Governor Brown of the State of California, issued an Executive Order related to unprecedented tree mortality due to drought conditions, directed state agencies to begin collaborating and partnering with local government to take action to remove dead and dying trees threatening public safety and infrastructure and approved California Disaster Assistance Act funding to assist in these efforts; and
- WHEREAS,** California Government Code Section 8630 and Chapter \_\_\_\_\_ of the Codified Ordinance of the County of Amador empowers the Board of Supervisors to proclaim the existence or threatened existence of extreme peril to the safety of persons and property and are or are likely to be beyond the control of the services, personnel, equipment, and facilities of this County; and
- WHEREAS,** On January 17, 2014, Governor Brown proclaimed a Drought State of Emergency as the State is experiencing the most severe drought in history with four years of below average rain and snow; and
- WHEREAS,** On December 14, 2015, California Department of Forestry and Fire Protection issued a news release stating “even with recent rains it will likely take years to slow down the massive tree mortality and bark beetle infestation”; and
- WHEREAS,** The latest aerial survey estimated that over 29 million trees have died across California as a result of the drought and the effects of bark beetle infestation, up from 3.3 million in 2014; and
- WHEREAS,** Tree mortality from bark beetle infestation has accelerated over the past few months in Amador County; and
- WHEREAS,** On July 31, 2015, Governor Brown proclaimed a State of emergency due to a series of wildfires statewide citing drought conditions which have increased the State’s risk of wildfires and caused millions of trees to die; and
- WHEREAS,** Beginning on September 9, 2015 the Butte Fire in Amador and Calaveras County destroyed 921 structures including; 549 homes, 368 outbuildings, and 4 commercial properties, caused power loss to thousands of homes and business, and thousands of families to evacuate their homes, all resulting in

part from dead and dying trees caused by drought conditions; and

**WHEREAS,** Unless the risks posed by dead, dying and diseased trees are immediately abated, there will remain a significantly increased risk to life and property, and interruption of essential services; and

**WHEREAS,** The magnitude of the Butte Fire tree mortality and the pervasive tree mortality in other parts of the County represents a threat that is beyond the capacity of the County (public and private) services, personnel, equipment and facilities and requires coordination and assistance from State and Federal agencies.

**NOW THEREFORE BE IT RESOLVED** that the Amador County Board of Supervisors do hereby find that the aforesaid conditions of extreme peril warrant and necessitate the proclamation of a local emergency in Amador County and imminent threat of disaster as the result of tree mortality.

**BE IT FURTHER RESOLVED** that the Amador County Board of Supervisors does hereby establish a tree mortality taskforce and charge it to develop a risk abatement plan, coordinate agency, organization and citizen efforts, seek funding, resolve barriers, and maximize County resources.

**BE IT FURTHER RESOLVED** that the County of Amador requests the State of California include Amador County in the list of Priority Counties within the California Tree Mortality Task Force.

**BE IT FURTHER RESOLVED** that the County of Amador requests the assistance of the State of California in the coordination of resources to assist in the removal of dead and dying trees due to drought and bark beetle infestation.

**BE IT FURTHER RESOLVED** that the County of Amador requests the state of California to waive or expedite regulations, permits and permit fees that may hinder response and recovery efforts, make available assistance under the California Disaster Assistance Act or any other state funding, and to expedite access to federal resources and any other appropriate federal disaster relief programs.

**BE IT FURTHER RESOLVED** that said local State of Emergency shall be deemed to continue to exist until its termination is proclaimed by the Board of Supervisors of Amador, State of California.

**ADOPTED BY THE BOARD OF SUPERVISORS OF THE COUNTY OF AMADOR ON FEBRUARY 23, 2016.**

# AGENDA TRANSMITTAL FORM

<input checked="" type="radio"/> Regular Agenda <input type="radio"/> Consent Agenda <input type="radio"/> Blue Slip <input type="radio"/> Closed Session Meeting Date Requested: 02/23/2016
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To: Board of Supervisors

Date: 02/17/2016

From: Jennifer Burns, Clerk of the Board  
 (Department Head - please type)

Phone Ext. x470

Department Head Signature \_\_\_\_\_

Agenda Title: Minutes

Summary: (Provide detailed summary of the purpose of this item; attach additional page if necessary)

**Review and possible approval of the February 9, 2016 Board of Supervisors Meeting Minutes.**

Recommendation/Requested Action: \_\_\_\_\_

Fiscal Impacts (attach budget transfer form if appropriate)	Staffing Impacts
---	------------------

Is a 4/5ths vote required? Yes  No

Committee Review? Name \_\_\_\_\_ N/A

Committee Recommendation: \_\_\_\_\_

Contract Attached:  Yes  No  N/A

Resolution Attached:  Yes  No  N/A

Ordinance Attached:  Yes  No  N/A

Comments: \_\_\_\_\_

Request Reviewed by:

Chairman _____	Counsel _____
Auditor _____	GSA Director _____
CAO _____	Risk Management _____

Distribution Instructions: (Inter-Departmental Only, the requesting Department is responsible for distribution outside County Departments)

### FOR CLERK USE ONLY

Meeting Date 2/23/16 Time \_\_\_\_\_ Item # 11

Board Action: Approved Yes \_\_\_ No \_\_\_ Unanimous Vote: Yes \_\_\_ No \_\_\_

Ayes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_ Other: \_\_\_\_\_

Noes: \_\_\_\_\_ Resolution \_\_\_\_\_ Ordinance \_\_\_\_\_

Absent: \_\_\_\_\_ Comments: \_\_\_\_\_

Distributed on \_\_\_\_\_

Completed by \_\_\_\_\_

A new ATF is required from \_\_\_\_\_ Department For meeting of \_\_\_\_\_

I hereby certify this is a true and correct copy of action(s) taken and entered into the official records of the Amador County Board of Supervisors.

ATTEST: \_\_\_\_\_  
 Clerk or Deputy Board Clerk