



Fire Resilience

- Appropriate Staffing
- Response based on risk
- Improved Capability
- Reduced dollar and Property loss due to Fire Damage
- Organizational Flexibility
- Retention



Vegetation Management

- Incident mitigation through reduction of fuel
- Reduction of potential ignition sources
- Hardening of critical infrastructure
- Creation of temporary refuge areas in the City.



Measure N

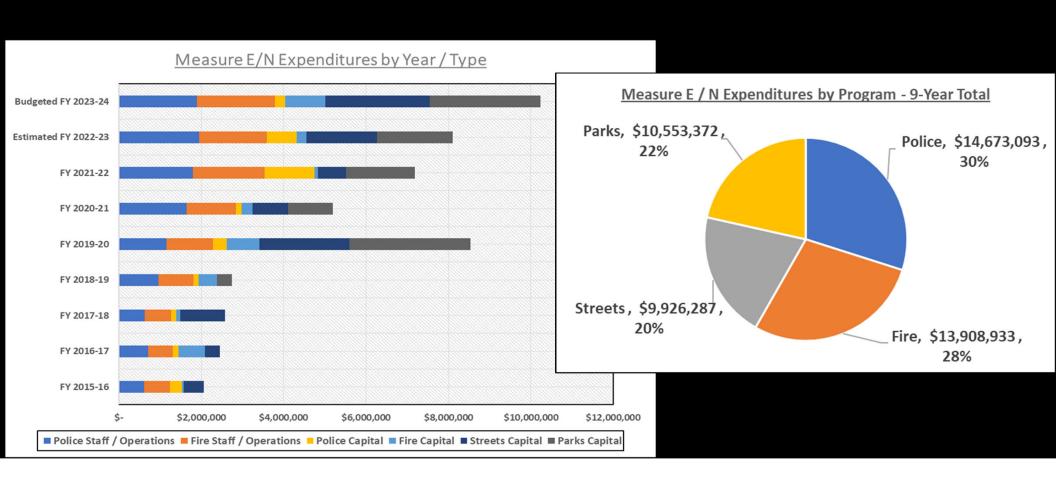
- Passed in 2012 by Citizens of Grass Valley
 - Allocations
 - Hired Firefighters
 - Purchased Fire Engines and Staff Vehicles
 - Enhanced Training
 - Additional Measure N Funds
 - Law Enforcement
 - Limited Road Improvements

Measure E

- Passed 2018 by Citizens of Grass Valley
- Intended to provide increased levels of Life Safety Services (Paramedics)
 - Paramedic Services started August 10th,2023
 - LALS services began prior to Paramedic Program
- Additional Measure E Funds
 - Parks
 - Street
 - Law Enforcement



Measure E / N Expenditures







Measure E







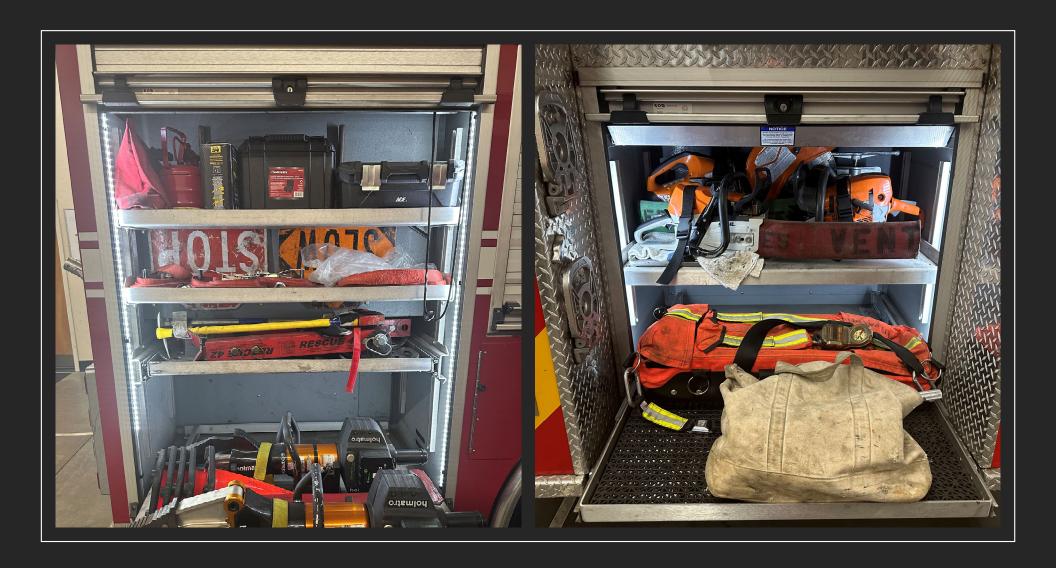


Measure E

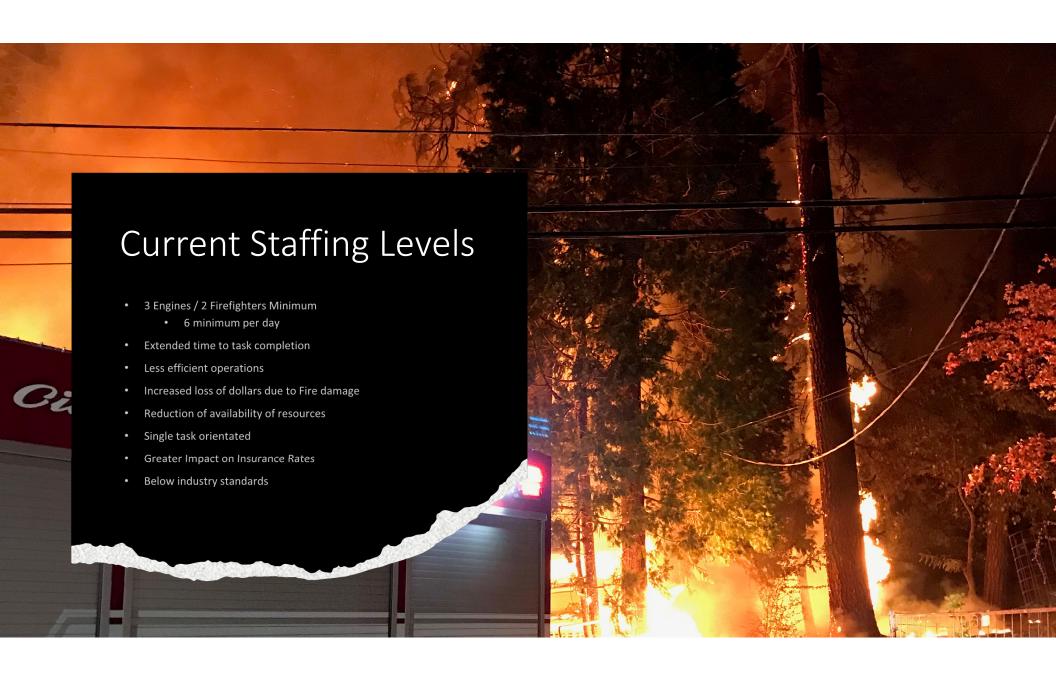






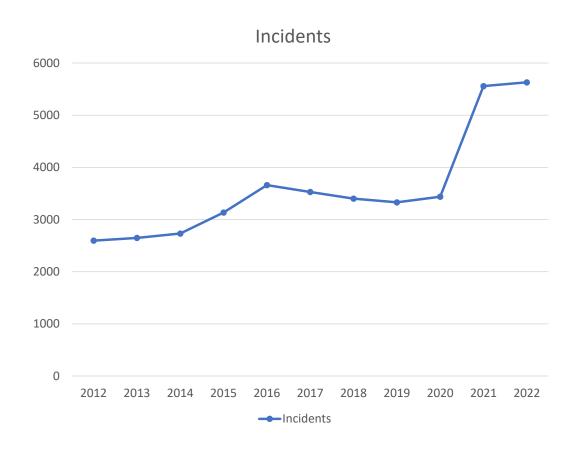




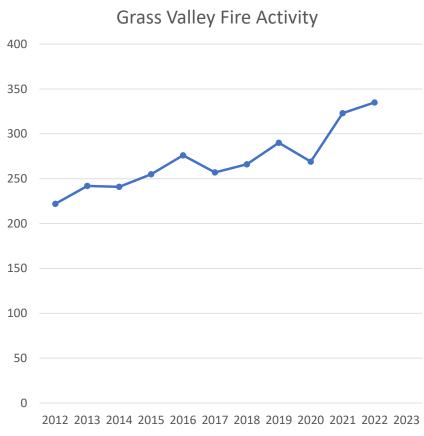


City of Grass Valley Fire Department





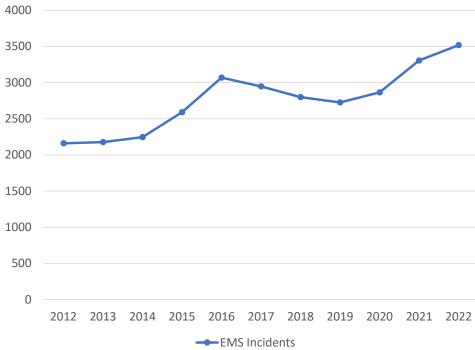




—Fires



Grass Valley EMS Incidents





Grass Valley Fire Department Figures

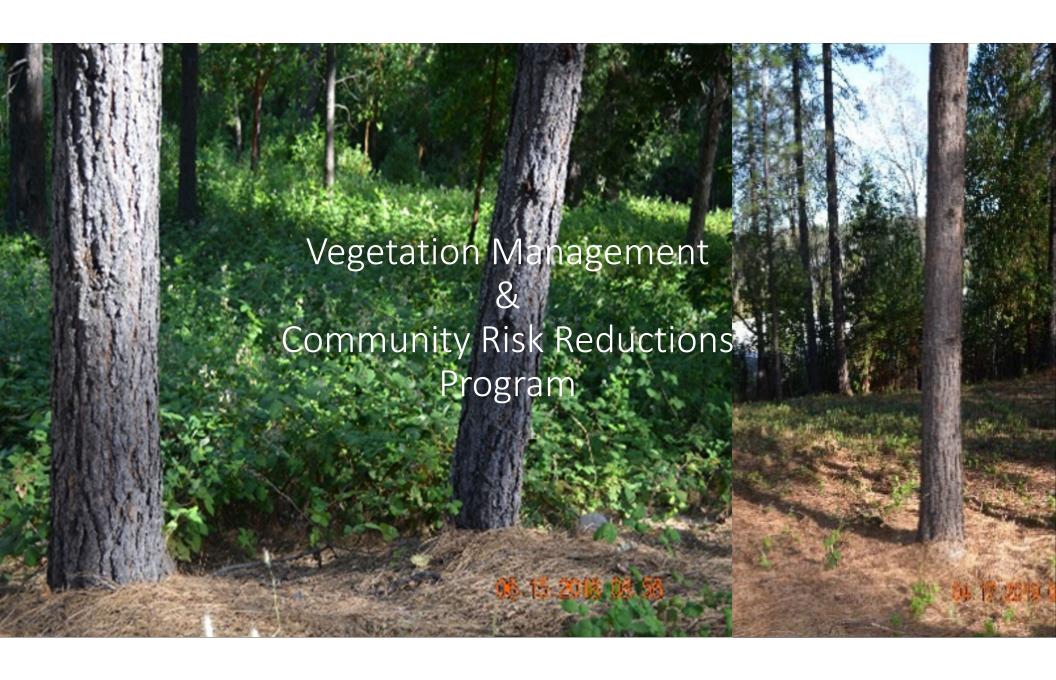
- Fires calls for service are up by 50% over the last 10 years
- EMS calls for service are up 63% over the last 10 years
- Total Department calls for service are up 117% over the last 10 years





Improved Staffing

- 3 Fire Engines / 3 firefighters minimum
 - 9 personnel minimum on duty daily
- Staffing benefits all incident types
 - Not just fires
- Reduces time to task
- Reduces dollar and property loss due to fire
- Multitask Orientated
- Personnel Retention
- Enhances Safety
- Possibly Improves Insurance Situation
- Greater Capabilities







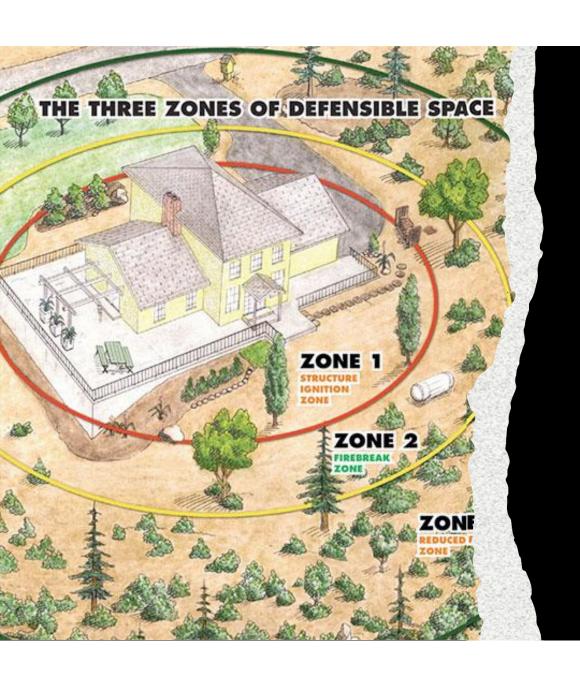
Vegetation Management & Community Risk Reduction

- Reduce flammable Fuels
- Reduce human caused fires in the Wildland Urban Interface (WUI)
- Harden Critical Infrastructure
 - Schools
 - Hospital
 - Water Treatment Facilities
 - High Density Developments
 - Care facilities









Vegetation Management & Community Risk Reduction

- Proposed Program
- One Manager
- Two Inspectors
- Priorities
- City Properties
- Harden Schools & Critical Infrastructure
- Evacuation Routes
- Create Temporary Refuge Areas
- Matching Funds Grant Program
- Community Inspection Program



Vegetation Management & Community Risk Reduction

Sample Priority Areas

- Condon Park
- Berryhill Canyon Area
- Scotten & Lyman Gilmore Schools
- Critical Facilities
 - Power Substations
 - Water treatment plants
 - Hospital
- Evacuation Routes
- Temporary Refuge Areas



Temporary Refuge Area (TRA)

- Large areas with little to no flammable vegetation that can be used to shelter a large number of people for a short period of time.
 - Large Parking Lots
 - Sierra Nevada Memorial Hospital
 - Sierra College
 - Raley's Parking Lot
 - Green Mowed Fields that wont support fire.
 - Sierra College Soccer Fields
 - Nevada Union Football Field
 - Lyman Gilmore Fields



Draft Expenditure Plan ½ Percent (.005) Sales Tax increase

- Option 1 50%/50% between Vegetation Management & Resiliency (Est. \$3.4 million annually)
- Resiliency 50% of \$3.4 M or\$1.7 M Annually
 - Add and additional Engine Company everyday of the year (\$800K+/-) 3 staffed engines to 4 staffed Engines
 - Move Closer to National Standards by increasing from two to three Firefighters per engine (\$900K+/-)
- Vegetation Mitigation 50% of \$3.4 M or \$1.7 M
 - \$300k to Operate a Veg. Management, Education & Inspection Program (3 Personnel)
 - \$1 M Fuel Reduction (100 Acres of Fuel Reduction around the City \$700K*, \$300K in Grants to residences/ businesses for assistance in Fuel Reductions)
 - \$400K Creating TRAs and Harding Critic Infrastructure (i.e. Schools, hospitals, care facilities)
- * 20% per year could be allocated to collaborative agency fire breaks within 5 miles of the center of the City. 10% per year could address illegal camping issues within the City's sphere.



Draft Expenditure Plan ½ Percent (.005) Sales Tax increase

Option 2 – 25%/75% Split between Resiliency and Vegetation Mitigation (\$3.4 Million+/- to be generated annually)

- Resiliency 25% of \$3.4 M or \$900+/- M Annually
 - Move Closer to National Standards by increasing from two to three Firefighters per engine (\$900K+/-)
- Vegetation Mitigation 75% of \$2.5 M
 - \$300k to Operate a Veg. Management, Education & Inspection Program (3 Personnel)
 - \$1.8 M Fuel Reduction (200+/- Acres of Fuel Reduction around the City \$1.5M*, \$300K in Grants to residences/ businesses for assistance in Fuel Reductions)
 - \$400K Creating TRAs and Harding Critical Infrastructure (i.e. Schools, hospitals, care facilities)
- * 20% per year could be allocated to collaborative agency fire breaks within 5 miles of the center of the City. 10% per year could address illegal camping issues within the City's sphere.