

# Appendix A

## Action Item Worksheets

This appendix includes the completed worksheets for each of the action items identified during the CWPP planning process.

The plan identifies action items developed through various plan inputs and data collection and research. CWPP activities may be considered for funding through state and federal grant programs, including the National Fire Plan or Title II/Title III funding.

To facilitate implementation, each action item is described in a worksheet, which includes information on key issues addressed, ideas for implementation, coordinating and partner organizations, timeline, and plan goals addressed.

### **Key Issues Addressed:**

Each action item includes a list of the key issues that the activity will address. Action items should be fact based and tied directly to issues or needs identified throughout the planning process. Action items can be developed from a number of sources including participants of the planning process, noted deficiencies in local capability, or issues identified through the risk assessment.

### **Ideas for Implementation:**

Each action item includes ideas for implementation and potential resources. This information offers a transition from theory to practice. The ideas for implementation serve as a starting point for this plan. This component of the action items is dynamic as some ideas may be not feasible and new ideas can be added during the plan maintenance process. (For more information on how this plan will be implemented and evaluated, refer to Section 5 of the CWPP).

The action items are suggestions for ways to implement the plan goals. Ideas for implementation include things such as collaboration with relevant organizations, grant programs, tax incentives, human resources, education and outreach, research, and physical manipulation of buildings and infrastructure. A list of potential resources outlines what organization or agency will be most qualified and capable to perform the implementation strategy. Potential resources often include utility companies, non-profits, schools, and other community organizations.

### **Coordinating Organization:**

The coordinating organization is the organization that is willing and able to organize resources, find appropriate funding, and oversee activity implementation, monitoring, and evaluation.

**Internal Partners:**

Internal partners are within the advisory committee and may be able to assist in the implementation of action items by providing relevant resources to the coordinating organization.

**External Partners:**

External partner organizations can assist the coordinating organization in implementing the action items in various functions and may include local, regional, state, or federal agencies, as well as local and regional public and private sector organizations. The internal and external partner organizations listed in the CWPP are potential partners recommended by the project steering committee, but not necessarily contacted during the development of the plan. The coordinating organization should contact the identified partner organizations to see if they are capable of and interested in participation. This initial contact is also to gain a commitment of time and or resources towards completion of the action items.

**Timeline:**

Action items include both short and long-term activities. Each action item includes an estimate of the timeline for implementation. *Short-term action items* are activities that may be implemented with existing resources and authorities within one to two years. *Long-term action items* may require new or additional resources and/or authorities, and may take between one and five years to implement.

# Lane County CWPP Action Item

<b>Proposed Action Item Identification:</b>		
ST: 1.1.1 Would be a Short Term Action proposed under Goal 1 Objective 1.1		
<b>Proposed Action Title/Description:</b>		
Create and formalize the Lane County wildland-urban interface committee to oversee implementation, identify and coordinate funding opportunities, and sustain the Lane County Community Wildfire Protection Plan.		
<b>Rationale for Proposed Action Item:</b>		
<ul style="list-style-type: none"> <li>▪ <b>HFRA-</b> Collaboration</li> <li>▪ <b>Oregon Senate Bill 360-</b> Wildland-Urban Interface Classification Committee</li> <li>▪ <b>National Fire Plan 10-year implementation strategy-</b> Collaboration</li> <li>▪ <b>Stakeholder interviews, Firewise Workshop-</b>Identified an opportunity for a central committee to provide leadership by prioritizing and setting guidelines for fuels reduction projects and cut across jurisdictional boundaries</li> <li>▪ <b>Example Programs</b> <ul style="list-style-type: none"> <li>○ Mariposa County, CA- Fire Safe Council (part of larger California Fire Safe Council network): “Plays an important role of coordination of activities for fuel reduction within the County. Council has organized chipping projects for area residents, developed a risk assessment study, and maintained an information table at County Fairs.”           <ul style="list-style-type: none"> <li>– Plumas County, CA- Fire Safe Council: Procuring funding for homeowner demonstration projects and chipping programs.</li> <li>– Grant County, NM National Fire Plan Implementation Team</li> </ul> </li> </ul> </li> </ul>		
<b>Ideas for Implementation:</b>		
<ul style="list-style-type: none"> <li>▪ Expand current Lane County CWPP steering committee to include a variety of stakeholders that would satisfy the committee requirements of Oregon Senate Bill 360, as well as those of the National Fire Plan 10-year implementation strategy</li> <li>▪ Create rules and guidelines for implementing collaborative fuel reduction projects throughout Lane County, including sharing of resources and manpower to complete the projects</li> <li>▪ Convene the steering committee and sign a MOU for each calendar year depicting agency commitments and reimbursement for staff time.</li> <li>▪ Hold quarterly meetings to review the plan and identify highest priority projects most feasible for implementation.</li> <li>▪ Coordinate timelines to take advantage of funding opportunities available through Resource Advisory Committees that award Title II project funds.</li> <li>▪ The Committee has the ability to add sub-committees as needed.</li> </ul>		
<b>Coordinating Organization:</b>	Lane County Emergency Management	
<b>Internal Partners:</b>	<b>External Partners:</b>	
LCLMD, LCPW GIS, ODF	Oregon State Fire Marshal. Lane County Fire Chiefs	
<b>Timeline:</b>	<b>If available, estimated cost:</b>	
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	<b>\$3,000 (\$2,800 for staff reimbursement and \$300 for refreshments)</b>
6-7 Months		

# Lane County CWPP Action Item

<b>Proposed Action Item Identification:</b>	
ST 1.1.2 Would be a Short Term Action Item proposed under Goal 1 Objective 1.1	
<b>Proposed Action Title:</b>	
Establish a sub-committee to coordinate and sustain effective countywide public education and outreach activities through the support of the Lane County Fire Prevention Co-op and other programs.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop</b> - Identified an opportunity to increase education and wildland-urban interface fire awareness of residents of Lane County to increase public involvement in wildfire risk reduction activities.</li> </ul>	
<b>Ideas for Implementation: (Optional)</b>	
<ul style="list-style-type: none"> <li>▪ Coordinate the Lane County Fire Prevention Co-op with the <i>CWPP Advisory Committee</i> to steer the implementation of the Lane County CWPP outreach strategy.</li> <li>▪ The Lane County Fire Prevention Co-op can oversee implementation of <i>Action 3.1.2</i> as the Education and Outreach committee</li> <li>▪ Encourage the support of rural fire districts for outreach and education activities, as 27% of landowner survey respondents indicated that they have never received information about protecting their property from wildland fire.</li> <li>▪ Create and deliver an annual standardized direct mailing to landowners, as 59% of the landowner survey respondents identified mail as the method they would most prefer used to disseminate information in the future.</li> <li>▪ Coordinate countywide funding opportunities for education and outreach activities.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Fire Prevention Co-op
<b>Internal Partners:</b>	<b>External Partners:</b>
ODF	USFS, BLM, Keep Oregon Green, Lane County RFD's Eugene/Springfield/Cottage Grove FD's
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<i>Depends on future activities</i>
<u>Long Term</u> (2-4 or more years)	
3-6 months	

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification</b>	
ST 1.1.3 Would be a Short Term Action proposed under Goal 1 Objective 1.1	
<b>Proposed Action Title:</b>	
Establish and support a sub-committee to address fuel reduction methods and resources management practices.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop</b> – A committee is needed to prioritize and set guidelines for the implementation of prioritized fuel reduction projects. A committee is also needed to collaboratively decide the best method of treatment to be used during fuel reduction projects.</li> </ul>	
<b>Ideas for Implementation: (Optional)</b>	
<ul style="list-style-type: none"> <li>▪ Recruit members for sub-committee from partners listed below</li> <li>▪ Hold monthly meetings until the rules, goals, methods, and practices of the sub-committee are established</li> <li>▪ After sub-committee is established, hold monitoring meetings as needed for upkeep</li> </ul>	
<b>Coordinating Organization:</b>	Oregon Department of Forestry
<b>Internal Partners:</b>	<b>External Partners:</b>
LC Fire Defense Board	USFS, BLM, LC Planning Department, Oregon State Fire Marshal. (Oregon State Department of Agriculture, Oregon State Extension Service can provide technical expertise)
<b>Timeline:</b>	
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
0-6 months	
<b>If available, estimated cost:</b>	
No estimated associated cost	

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>		
ST: 1.2.1 Would be a Short Term Action proposed under Goal 1 Objective 1.2		
<b>Proposed Action Title/Description:</b>		
Develop formal agreements with municipalities and special districts.		
<b>Rationale for Proposed Action Item:</b>		
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback-</b> Identified a need for the development of partnerships and county leadership and direction. Identified a need for structured, formalized collaboration and a need to overcome the potential obstacles of bringing diverse agencies and stakeholders together</li> </ul>		
<b>Ideas for Implementation: (Optional)</b>		
<p>This action would develop formal agreements with <u>incorporated communities</u> and <u>service providers</u> for mutual benefits and collaboration in Lane County’s Community Wildfire Protection Plan. Formal agreements will help create an internal organizational structure of the plan’s public and quasi-public partners and ensure the long term viability of Lane County’s Community Wildfire Protection Plan.</p> <ul style="list-style-type: none"> <li>○ Complete intergovernmental agreements with the twelve municipalities;</li> <li>○ Complete coordination agreements with twenty-four rural fire protection districts;</li> <li>○ Complete coordination agreements with ten water districts; and</li> <li>○ Complete coordination agreements with five electric <u>utility</u> districts.</li> <li>○ Open discussions amongst municipalities, Lane County and RFPDs on a more effective means of annexing lands into RFPD service boundaries as necessary to ensure structural coverage within service district boundaries of the WUI.</li> </ul>		
<b>Coordinating Organization:</b>	Lane County Land Management Division	
<b>Municipal Partners:</b>	<b>Special District Partners:</b>	
Florence, Dunes City, Veneta, Junction City, Coburg, Eugene, Springfield, Creswell, Cottage Grove, Lowell, Westfir, Oakridge.	<p><b>Rural Fire Protection Districts:</b> Bailey-Spencer, Coburg, Creswell, Dexter, Goshen, Hazeldell, Lake Creek, Lane County No. 1, Lane Rural Fire/Rescue, Lorane, Lowell, McKenzie, Pleasant Hill, Santa Clara, Siuslaw, South Lane County Fire &amp; Rescue, Swisshome-Deadwood, Upper McKenzie, Willakenzie, Zumwalt.</p> <p><b>Rural Fire Departments:</b> Junction City, Mapleton, Mohawk Valley, Oakridge</p> <p><b>Water Districts:</b> Blue River, Coburg, Eugene Water &amp; Electric Board (EWEB), Glenwood, Heceta, Junction City, Mapleton, Rainbow, Springfield Utility Board (SUB), Willamette</p> <p><b>Electric Districts:</b> Blachly-Lane Electric Cooperative, Central Lincoln Peoples Utility District, Eugene Water &amp; Electric Board (EWEB), Emerald Peoples Utility District (EPUD), and Lane Electric Cooperative</p>	
<b>Timeline:</b>	<b>If available, estimated cost:</b>	
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	\$ 15,535.00
FY 05/06		

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST 1.2.2 Would be a Short Term Action proposed under Goal 1 Objective 1.2	
<b>Proposed Action Title:</b>	
Establish a consistent communication strategy among intergovernmental partners using appropriate conduits and delivery mechanisms (Lane County Fire Defense Board, ODF, USFS, etc).	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback</b> - Identified a lack of communication of information and a need to compile and consolidate information regarding wildland-urban interface issues.</li> </ul>	
<b>Ideas for Implementation: (Optional)</b>	
<ul style="list-style-type: none"> <li>▪ Provide feedback and information in conjunction with Action Item 3.1.3 to help Lane County create a centralized website for information sharing</li> <li>▪ Establish email distribution lists to forward information to appropriate partners</li> <li>▪ Coordinate with the Lane County Fire Defense Board and use their monthly meetings as a forum to share information with appropriate partners</li> <li>▪ Contact the US Forest Service and BLM to invite them to attend Lane County Fire Defense Board meetings that will be used for the purpose of sharing information about the Lane County CWPP</li> </ul>	
<b>Coordinating Organization:</b>	Oregon Department of Forestry
<b>Internal Partners:</b>	<b>External Partners:</b>
ODF, LC Fire Defense Board	US Forest Service, BLM, LC Fire Prevention Co-op, Lane County Land Management
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	Cost of establishing and maintaining a centralized website
0-18 months	
<u>Long Term</u> (2-4 or more years)	

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>		
ST: 2.1.1 Would be a Short Term Action proposed under Goal 2 Objective 2.1		
<b>Proposed Action Title:</b>		
Review and develop recommendations to the Lane County Board of Commissioners for revisions to land use regulations, such as: <ul style="list-style-type: none"> <li>○ <u>Implementation of fire safety standards within rural residential zoning districts;</u></li> <li>○ <u>Distribution of educational materials at the outset of the building permit review process; and</u></li> <li>○ <u>Outreach services with neighborhood organizations and special interest groups.</u></li> </ul>		
<b>Rationale for Proposed Action Item:</b>		
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback-</b> Identified the use of regulatory policies to reduce WUI wildfire risk</li> <li>▪ <b>Example Programs:</b> <ul style="list-style-type: none"> <li>– Ashland, Oregon Fire Plan- Has building codes that require development standards regarding the reduction of structural ignitability and vegetation management</li> <li>– Florida Wildfire Mitigation Handbook- Discusses the use of land development regulations to reduce WUI wildfire risk</li> </ul> </li> </ul>		
<b>Ideas for Implementation:</b>		
<p>This action would review and <u>could</u> result in voluntary actions by landowners or amendments to Lane County land use regulations to promote actions such as fuel breaks and road standards that reduce wildfire risk to lives and property in the wildland-urban interface.</p> <ul style="list-style-type: none"> <li>▪ Review and potentially update the Lane County building and land use ordinances to promote the use of fire resistant building materials for new structures within the WUI.</li> <li>▪ Review and potentially update the Lane County building and land use ordinances to promote or require fuel break and safety zone standards for new structures and minimum access road standards within the Rural Residential Zone of the WUI.</li> </ul>		
<b>Coordinating Organization:</b>	Lane County Land Management Division	
<b>Internal Partners:</b>		<b>External Partners:</b>
ODF		Rural Fire Protection Districts
<b>Timeline</b>		<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	\$4,500.00
FY 05/06		

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>		
ST: 2.1.2 Would be a Short Term Action proposed under Goal 2 Objective 2.1		
<b>Proposed Action Title:</b>		
Review and enhance the Lane County building permit process within the wildland-urban interface.		
<b>Rationale for Proposed Action Item:</b>		
<ul style="list-style-type: none"> <li>▪ <b>Firewise Workshop Feedback-</b> Identified a need to streamline the permit process to remove inefficiencies</li> </ul>		
<b>Ideas for Implementation:</b>		
<p>This action will review the building permit process by identifying current steps, and the roles and responsibilities of the participants involved in the process. The review will identify areas and methods within the permit process to be improved for increased efficiency.</p> <ul style="list-style-type: none"> <li>• Involve Fire Chiefs’ review of new plans earlier in the permit process.</li> <li>• Prepare information brochure for distribution to prospective land owners and contractors supporting the voluntary implementation of fuel breaks for new structures in the rural areas.</li> <li>• Create and display wildfire safety information (diagrams in the Land Management Lobby, on the LMD and Building Program website and in the building permit review meeting room.</li> <li>• Propose implementation by the Board of County Commissioners of <i>Oregon Residential Specialty Code Section R324 – Wildlife Hazard Mitigation</i> regulations for all dwellings and accessory structures in the rural areas of the County and within the WUI.</li> </ul>		
<b>Coordinating Organization:</b>	Lane County Land Management Division (Building and Planning)	
<b>Internal Partners:</b>		<b>External Partners:</b>
Lane County Land Management Building Program		Rural Fire Protection Districts, ODF
<b>Timeline:</b>		<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	\$3,375.00
FY 05/06		

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>		
ST: 2.2.1 Would be a Short Term Action proposed under Goal 2 Objective 2.2		
<b>Proposed Action Title:</b>		
Incorporate refined BLM/USFS road and response time data into the Lane County Wildland-Urban interface Risk Assessment.		
<b>Rationale for Proposed Action Item:</b>		
<ul style="list-style-type: none"> <li>▪ <b>Risk assessment team request.</b> BLM/USFS is currently updating road data and it will need to be incorporated into Risk Assessment to replace existing poor data.</li> </ul>		
<b>Ideas for Implementation:</b>		
<ul style="list-style-type: none"> <li>▪ Compile and sort existing GIS data for BLM/USFS roads.</li> <li>▪ Correct overlapping road lines.</li> <li>▪ Align intersection and control data.</li> <li>▪ Coordinate with appropriate agency staff.</li> </ul>		
<b>Coordinating Organization:</b>	Lane County Public Works GIS	
<b>Internal Partners:</b>		<b>External Partners:</b>
ODF, LC Land Management Division		USFS/BLM, LCOG
<b>Timeline:</b>		<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	<b>\$ 2,520.00</b>
FY 05/06		

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST: 2.2.2 Would be a Short Term Action proposed under Goal 2 Objective 2.2	
<b>Proposed Action Title:</b>	
Digitize and correct fire district boundary data.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Risk assessment team request-</b> The CWPP has value primarily as a shared information record utilized by all of the implementing partners on a weekly, monthly and annual basis as the need arises. Risk assessment information provided by fire districts is an essential part of that record. By digitizing district input the data is in a format that can be made widely available to all those who need it. Currently, there are discrepancies between fire district boundaries recorded by LCOG and the information provided by the fire protection districts surveys.</li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Coordinate annual review of base map data compiled during initial risk assessment (2004-2005).</li> <li>▪ Update RFPD GIS data to reflect wildfire and structural fire occurrences in CWPP data base.</li> <li>▪ Incorporate Oregon Department of Forestry records and tracking of occurrences into CWPP data base.</li> <li>▪ Download local fuel reduction efforts implemented through RAC funding in CWPP data base.</li> <li>▪ Continue to pursue the involvement of local fire chiefs in wildfire risk assessment.</li> <li>▪ Follow up with districts that have been unable to complete wildfire risk mapping</li> <li>▪ Work with LCOG and Fire Defense Board to refine district boundaries.</li> <li>▪ Address issues between NAD 27 and NAD 83</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Land Management/ Lane County Public Works GIS
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Public Works: GIS Project, LMD Planning.	Rural Fire Protection Districts (rural fire districts), Municipalities (City – Fire Districts) LCOG
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
FY 05/06	Annual allocation
	\$ 2,520.00

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST + LT: 2.2.3 Would be a Short Term and Long Term Action proposed under Goal 2 Objective 2.2	
<b>Proposed Action Title:</b>	
Incorporate, maintain, and update Lane County's Wildland-Urban Interface Risk Assessment GIS data elements.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews-</b> Identified the use of GIS and local communities' risk assessments to update the county's risk assessment</li> <li>▪ <b>Example Programs:</b> <ul style="list-style-type: none"> <li>– California State Fire Plan- Uses community information regarding GIS overlays of different wildfire factors to prioritize pre-fire management projects</li> <li>– Idaho State Fire Plan- Identified the use of GIS to develop "National Fire Plan related projects"</li> <li>– Josephine County Integrated Fire Plan- Uses GIS to develop and maintain Josephine County's risk assessment</li> </ul> </li> </ul>	
<b>Ideas for Implementation:</b>	
<p>This action would use new risk assessment data provided by local communities, agencies, utilities and municipalities to continually update and improve the accuracy of the county's wildland-urban interface risk assessment.</p> <ul style="list-style-type: none"> <li>▪ Create a working group that can update Lane County's GIS data elements with the information provided to the county by local communities. This group would include a representative from the Oregon Department of Forestry, Lane County Land Management and PW GIS.</li> <li>▪ Encourage local communities to provide the county with their completed risk assessment data in a standardized format.</li> <li>▪ Maintain a state-of-the art website for access by local interests, municipalities, state and federal agencies for development of local CWPP planning and implementation.</li> <li>▪ Support local drafting of RAC applications for implementation of fuel reduction and structural protection efforts.</li> <li>▪ Work with local utilities and municipalities to maintain an up-to-date inventory of critical infrastructure.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Public Works
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Public Works: GIS Project, LMD Planning,	ODF, Rural Fire Protection Districts, Municipalities, Utilities
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
FY 05/06	<u>Annual allocation</u>
	\$3,500.00

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST: 2.2.4 Would be a Short Term Action proposed under Goal 2 Objective 2.2	
<b>Proposed Action Title:</b>	
Incorporate structural vulnerability assessments developed at the community level into the Lane County Wildland-Urban Interface Risk Assessment.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Risk assessment team request</b> No comprehensive dataset of structural vulnerability exists for Lane County. Fuel breaks, landscaping, roof and building materials are all factors that should be considered when evaluating risk. As data is gathered at the local level it should be incorporated into the countywide assessment</li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Continue coordination of review with Rural Fire Protection Districts and municipality fire districts of prioritization of risks within district boundaries.</li> <li>▪ Create factual base data relating to fuel loads and lack of reductions of vegetation posing threats to existing residential structures in rural areas.</li> <li>▪ Create factual base data relating to private access driveway and road conditions in districts that are inadequate for fire protection vehicles in response to an emergency. Factors to consider would include but are not limited to: excessive grade; inadequate width and depth of base and surface gravels; encroachment of roadside and overhang vegetation; limited or lack of turnouts; adequate load capacity of bridges or culverts to allow passage of emergency vehicle; onsite or subarea storage of water supplies; turnarounds at terminus including cul-de-sac or hammerhead.</li> <li>▪ Create factual base data relating to excessive response times due to proximity of residences to RFPD facilities.</li> <li>▪ Create factual base data to identify areas and number of existing residences in the rural areas that are inside RFPD boundaries and outside without protection.</li> <li>▪ Coordinate with Oregon Department of Forestry project collecting on-the-ground structural characteristics data (NFPA digital format).</li> <li>▪ Explore connections between County Public Works road video project</li> <li>▪ Prepare annual report to Lane County Board of Commissioners with the above data.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Land Management Division
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Public Works – GIS Project	ODF, Rural Fire Protection Districts
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
FY 05/06	Annual allocation
	\$5,035.00

# Lane County CWPP Action Item Proposal Form

<b>Proposed Action Item Identification:</b> <i>(Example ST: 1.1.1. Would be a Short Term Action proposed under Goal 1 Objective 1.1 — or — LT: 3.3.1 Would be a Long Term Action proposed under Goal 3 Objective 3.1 )</i>	
S.T. 2.2.5 Would be a Short-Term action item proposed under Goal 2 Objective 2.2	
<b>Proposed Action Title/Description:</b>	
Complete Rural Addressing data collection project for county.	
<b>Rationale for Proposed Action Item:</b> <i>(What critical issues will the action address?)</i>	
<p>Lane County Public Works currently is developing the Rural Addressing Project.</p> <ul style="list-style-type: none"> <li>▪ The project would refine current information to a point layer for structural locations.</li> <li>▪ The project will improve emergency response times, providing benefits to multiple objectives</li> <li>▪ The information will improve the accuracy of the wildland-urban interface boundary by refining the density layer.</li> <li>▪ Public Works indicates that this project is only about 18% complete and that there are 44,000 addresses to map</li> <li>▪</li> </ul>	
<b>Ideas for Implementation: (Optional)</b>	
<ul style="list-style-type: none"> <li>▪ The point database will provide a structure to input structural vulnerability data currently being collected by ODF. If possible, this action should be completed before Action 2.2.4</li> <li>▪ Information should be coordinated with 911 Services, who currently use a range, instead of points, for addressing information.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Public Works GIS
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Land Management	911 Services ODF
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	\$6,500
<u>Long Term</u> (2-4 or more years)	

# Lane County CWPP Action Item Proposal Form

<b>Proposed Action Item Identification:</b> <i>(Example ST: 1.1.1. Would be a Short Term Action proposed under Goal 1 Objective 1.1 — or — LT: 3.3.1 Would be a Long Term Action proposed under Goal 3 Objective 3.1 )</i>	
ST 2.2.6 Would be a Short Term Action proposed under Goal 2 Objective 2.2	
<b>Proposed Action Title/Description:</b>	
Obtain LiDAR data for high risk areas to enhance the Lane County Wildland-Urban Interface Risk Assessment.	
<b>Rationale for Proposed Action Item:</b> <i>(What critical issues will the action address?)</i>	
<ul style="list-style-type: none"> <li>▪ This data will enhance the on-the ground structural vulnerability assessments currently being completed by ODF and the accuracy of the Lane County Wildland-Urban Interface Risk Assessment.</li> <li>▪ The data provides better information for a multitude of planning projects including the Lane County Natural Hazards Mitigation Plan Risk Assessment.</li> </ul>	
<b>Ideas for Implementation: (Optional)</b>	
<ul style="list-style-type: none"> <li>▪ Align with current ODF structural vulnerability assessments project.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Public Works GIS
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Land Management	ODF
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST + LT: 2.3.1 Would be a Short Term and Long Term Action proposed under Goal 2 Objective 2.3	
<b>Proposed Action Title:</b>	
Utilize the Lane County Wildland-Urban Interface Risk Assessment to as a tool for prioritizing proposed fuel reduction projects.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback-</b> Identified a need for the prioritization of fuels reduction</li> <li>▪ <b>Example Programs:</b> <ul style="list-style-type: none"> <li>- California State Fire Plan- Uses GIS overlays of different wildfire factors to prioritize pre-fire management projects</li> </ul> </li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Use Lane County’s Risk Assessment to identify areas of high wildfire risk within the county.</li> <li>▪ Develop a method for prioritization of proposed fuel reduction projects.</li> <li>▪ Steering committee can use the risk assessment as a guideline for determining which projects to bring forward for requested funding. The risk assessment will be referred to at every quarterly meeting.</li> </ul>	
<b>Coordinating Organization:</b>	<b>Lane County Emergency Management</b>
<b>Internal Partners:</b>	<b>External Partners:</b>
CWPP steering committee	Lane County Fire Chiefs, LCPW, Sheriff’s Office Personnel, Board of Commissioners, Legislative Committees, Northwest Youth Corps, Owners of sites identified for potential projects
<b>Timeline:</b>	<b>If available, estimated cost:</b>
Short Term (0-2 years)	Long Term(2-4 or more years)
Methodology Creation: 9 months	Ongoing
<b>Same as Action Item 1.1.1: \$3,000</b>	

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>					
ST + LT: 2.3.2 Would be a Short Term and Long Term Action proposed under Goal 2 Objective 2.3					
<b>Proposed Action Title:</b>					
Evaluate and recommend appropriate fuels treatment methods for Lane County					
<b>Rationale for Proposed Action Item:</b>					
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback-</b> Identified differing values, attitudes, and opinions regarding various fuels treatment options</li> </ul>					
<b>Ideas for Implementation:</b>					
<ul style="list-style-type: none"> <li>• Develop a method for determining community values and concerns about various fuel treatment options.</li> <li>• Develop a method that can translate the community values, concerns, and input regarding various fuel treatment options into recommended options appropriate for the community.</li> <li>• Engage local fire chiefs, ODF, and the US Forest Service personnel to do site visits to “hot spots” and make recommendations to landowners regarding fuel treatment options.</li> </ul>					
<b>Coordinating Organization:</b>	<b>Lane County Emergency Management</b>				
<b>Internal Partners:</b>	<b>External Partners:</b>				
ODF, CWPP steering committee	Lane County Fire Chiefs, USFS				
<b>Timeline:</b>	<b>If available, estimated cost:</b>				
<table border="1"> <tr> <td>Short Term (0-2 years)</td> <td>Long Term (2-4 or more years)</td> </tr> <tr> <td>Methodology Creation: 9 months</td> <td>Ongoing</td> </tr> </table>	Short Term (0-2 years)	Long Term (2-4 or more years)	Methodology Creation: 9 months	Ongoing	<b>\$500 personnel compensation per visit</b>
Short Term (0-2 years)	Long Term (2-4 or more years)				
Methodology Creation: 9 months	Ongoing				

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>		
ST & LT 2.3.3 would be both a Short Term and Long Term Action proposed under Goal 2 Objective 2.3		
<b>Proposed Action Title</b>		
Complete (5) watershed-based pilot projects that focus on infrastructure protection and exemplify the County's leadership in project implementation.		
<b>Rationale for Proposed Action Item:</b>		
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback-</b> Identified a need to demonstrate aesthetic fuels reduction and defensible space creation to homeowners and landowners</li> </ul>		
<b>Ideas for Implementation:</b>		
<ul style="list-style-type: none"> <li>▪ The selected projects include Triangle Lake School, Leaburg Utility, <i>etc</i></li> <li>▪ Use GIS to screen locations and identify areas at risk</li> <li>▪ Complete field assessments of potential sites for pilot projects</li> <li>▪ Compare, evaluate, and recommend the best sites for pilot projects based on the field assessments and GIS evaluations</li> <li>▪ Pass the recommendations on to the <i>steering committee</i> for adoption</li> </ul>		
<b>Coordinating Organization:</b>	Oregon Department of Forestry	
<b>Internal Partners:</b>		<b>External Partners:</b>
ODF		Rural Fire Districts, Lane County GIS
<b>Timeline:</b>		<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	Cost will vary depending on the sites selected
Evaluation process (0-9 months)	Completion timeline is dependent upon funding.	

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST & LT 3.1.1 Would be a Short and Long Term Action proposed under Goal 3 Objective 3.1	
<b>Proposed Action Title:</b>	
Develop and coordinate a seasonal outreach campaign that promotes effective risk reduction practices in the wildland/urban interface.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>HFRA Goals-</b> collaboration, reduction of hazardous fuels, and reduction of structural ignitability.</li> <li>▪ <b>Stakeholder interviews, Firewise workshop-</b> Identified an opportunity to develop a “model” home or property recognition program to encourage greater participation by homeowners in risk reduction projects. Identified an opportunity to educate the public and dispel negative perceptions about the aesthetics of fuel reduction and defensible space. Seasonal community events such as "free chipping or dump days" encourages public participation in fuels reduction projects as well as provides a venue for disseminating information about wildfire risk reduction.</li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Continue to staff an information booth at community events to publicize and encourage participation in these and other wildfire mitigation programs</li> <li>▪ At an early spring LC Fire Prevention Co-op meeting, each RFD could submit nominees by district for the following:             <ul style="list-style-type: none"> <li>○ An award for a “model” home or property site that has reduced structural ignitability or hazardous fuels. Offer an incentive prize, such as a gift certificate to a home improvement store (possibly donated). Use winners as demonstration homes to the rest of the public to show that “Firewise landscaping can be attractive as well as safe” (Firesafe Spokane)</li> <li>○ Completed prioritized fuels reduction pilot projects including before and after photos of the site</li> </ul> </li> <li>▪ The LC Co-op could then select award winners, and compile the results for distribution to rural landowners, potentially through applicable media outlets.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Fire Prevention Co-op
<b>Internal Partners:</b>	<b>External Partners:</b>
ODF	USFS, BLM, RFD’s, OSFM, Local Media outlets (rural newspapers, newsletters, radio, TV)
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<i>Check with ONHW for materials production costs</i>
<u>Long Term</u> (2-4 or more years)	
	Program operational in two years

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST 3.1.2 Would be a Short Term Action proposed under Goal 3 Objective 3.1	
<b>Proposed Action Title:</b>	
Establish a communication strategy that uses existing channels to disseminate risk reduction messages.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Landowner survey</b> – 27% of respondents had not received any information about protecting property against wildfire, highlighting a need for increased communication. When asked how they would prefer to receive information in the future about protecting property from wildfire, respondents identified the following as their top three methods: 59% stated they would prefer information by mail; 49% stated from newspapers; and 42% stated from fact sheets or brochures.</li> <li>▪ <b>Stakeholder interviews, Firewise workshop</b> – Education and awareness of Lane County residents could be done through media sources, pamphlets, the use of real estate agents, door-to-door, home shows, and fairs</li> <li>▪ <b>Example Programs</b> <ul style="list-style-type: none"> <li>○ Many counties staff information booths at County Fairs and local events and use media outreach</li> <li>○ Douglas Forest Protective Association, OR – “Public education is provided predominantly through the newspaper and local radio and television stations. They also reach out to the public at the County Fair, the Sportsmen and Outdoor Show, Home Show, and other community festivals. DFPA teaches fire safety to children and adults during National Fire Prevention Week.”</li> <li>○ Humboldt and Del Norte Counties, CA – “Educational efforts include the distribution of publications such as the CDF’s Homeowner’s Checklist, news releases, radio, television and newspaper coverage about fire safety and defensible space. Also use door-to-door contact and bulk mailings.”</li> </ul> </li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Collaborate with Lane County Land Management in conjunction with Action Item 3.1.3 to create and maintain a centralized website.</li> <li>▪ Collaborate with the Lane County Fire Prevention Co-op on their prevention strategies and outreach campaigns.</li> <li>▪ Coordinate with the Lane County Fire Defense Board to disseminate information throughout rural fire protection districts.</li> <li>▪ Utilize agency public information officers.</li> </ul>	
<b>Coordinating Organization:</b>	Oregon Department of Forestry
<b>Internal Partners:</b>	<b>External Partners:</b>
LC Fire Defense Board, LC Land Management	LC Fire Prevention Co-op, Oregon State Fire Marshal, Media sources (newspaper, radio, TV, etc.)
<b>Timeline:</b>	<b>If available, estimated cost:</b>
Short Term (0-2 years)	Long Term (2-4 or more years)
0-18 months	Cost of establishing and maintaining a centralized website

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST 3.1.3 Would be a Short Term Action Item proposed under Goal 3 Objective 3.1	
<b>Proposed Action Title/Description:</b>	
Create and maintain a website to promote Lane County’s Community Wildfire Protection Plan.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>Stakeholder interviews, Firewise workshop-</b> Identified a need to make information more accessible to the public. A website would be a good central place to promote educational efforts and provide tips on how to reduce wildfire risk.</li> <li>▪ <b>Example Programs-</b> <ul style="list-style-type: none"> <li>– Douglas Forest Protective Association, OR- Has a website with information on their fire prevention programs</li> <li>– Spokane County, WA - “FireSafe Spokane” website contains information on how to create defensible space around a home and remove other hazards. The website gives an email address and a phone number where homeowners can sign-up for free inspections.</li> </ul> </li> </ul>	
<b>Ideas for Implementation:</b>	
<p>Create a website that includes:</p> <ul style="list-style-type: none"> <li>• The Lane County Community Wildfire Protection Plan</li> <li>• Tips to reduce structural ignitability and hazardous fuels</li> <li>• Photos of defensible space or “model” homes or properties and fire safe landscaping</li> <li>• Informational or educational tools that RFPDs can implement within their districts for public outreach</li> <li>• Maps and information about identified at risk areas</li> <li>• How-to information for community organizers that want to pursue fuel reduction projects</li> <li>• Links to the ODF website, Firewise, and other fire prevention websites.</li> </ul>	
<b>Coordinating Organization:</b>	Lane County Land Management Division
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Sheriff Office- Emergency Management Services, ODF	US Forest Service, Rural Fire Protection Districts
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
0-6 months FY 05/06	<u>Annual allocation</u> \$1,572.00

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
ST 3.2.1 Would be a Short Term Action proposed under Goal 3 Objective 3.2	
<b>Proposed Action Title/Description:</b>	
Implement cost-share or tax incentive programs to assist landowners with hazardous fuels removal and disposal	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>HFRA Goals-</b> Prioritized Fuels Reduction and the Reduction of Structural Ignitability</li> <li>▪ <b>Stakeholder Phone Interviews, Firewise Workshop Feedback</b> - Debris is costly for homeowners and landowners to remove and dispose of and can be labor intensive at a larger scale. In addition, many elderly or special needs populations cannot complete fuel reduction projects and remove hazardous fuels by themselves without additional help.</li> <li>▪ <b>Landowner survey results</b> - 79% of respondents indicated that they would be likely to partake in vegetation management to reduce the risk of wildland fire on their properties. Developing collaborative programs between governmental agencies and landowners around vegetation management would likely receive the most landowner support and participation.</li> <li>▪ <b>Example Programs:</b> <ul style="list-style-type: none"> <li>– Grant County, NM – “Grant County WILDLAND-URBAN INTERFACE Landowner Assistance Program”: Provides cost-sharing between the State (70%) and the landowner (30%) for fuels treatments</li> <li>– Summit County, CO – 2002 Economic Action Program NFP Grant funds cost-share thinning and recycling of wastes</li> <li>– Humboldt and Del Norte Counties, CA – Free chipping for residents through the Community Chipping Program</li> <li>– Helena, MT – Project Impact Homeowner Assistance Program: A cost-share program to clear defensible space</li> </ul> </li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Provide home assessments of defensible space to landowners</li> <li>▪ Explore cost-sharing programs with local landscaping businesses for chipping programs</li> <li>▪ Collaborate with Lane County Waste Management to sponsor free dump days</li> <li>▪ Coordinate with LRAPA to suspend burning fees on large debris piles for selected days/weeks</li> <li>▪ Develop an informational list of existing incentive programs for landowners</li> <li>▪ Explore tax incentive options</li> <li>▪ Explore a participatory agreement with other agencies (i.e. LCLMD, ODOT, EWEB, etc.) for use of chippers and/or other fuel reduction/removal equipment</li> <li>▪ Explore establishing a list of participating contractors who will do fuels removal at reduced rates</li> <li>▪ Establish a workgroup to assist special needs populations with fuels removal</li> </ul>	
<b>Coordinating Organization:</b>	Oregon Department of Forestry
<b>Internal Partners:</b>	<b>External Partners:</b>
Lane County Land Management	Lane County Waste Management, , LRAPA, ODOT, EWEB, local contractors, local landscaping businesses
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
0-2 years	

# Lane County CWPP Action Item Form

<b>Proposed Action Item Identification:</b>	
LT 3.2.2 Would be both a Short and Long Term Action proposed under Goal 3 Objective 3.2	
<b>Proposed Action Title/Description:</b>	
Collaborate with homeowner insurance companies to promote incentives that reward structural ignition risk reduction and fuels reduction activities in the wildland-urban interface.	
<b>Rationale for Proposed Action Item:</b>	
<ul style="list-style-type: none"> <li>▪ <b>HFRA goals-</b> Collaboration, hazardous fuels reduction, and reduction of structural ignitability</li> <li>▪ <b>Stakeholder Phone Interviews &amp; Firewise Workshop Feedback-</b> Identified an opportunity to use insurance incentives to motivate more people to be involved in reducing the wildfire risk on private property</li> <li>▪ <b>Landowner survey results-</b> 70% of respondents supported insurance incentives as an appropriate way to promote property protection against wildland fire</li> <li>▪ <b>Western Governors Association-</b> "New insurance efforts will probably need to be developed in harmony with a national standardized hazard/risk assessment process and the implementation of building standards/codes that are enforced by local/state government." (westgov.org)</li> <li>▪ <b>Insurance Services Office-</b> The Public Protection Classification system generally offers lower premiums in places with lower wildfire risk scores, which produce desirable PPC scores</li> </ul>	
<b>Ideas for Implementation:</b>	
<ul style="list-style-type: none"> <li>▪ Collaborate with insurance companies to set standards for defensible space surrounding homes and also for fire resistant building materials to be used on homes. These standards could then be used to influence a homeowner's risk rating and provide incentives for lower insurance rates.</li> <li>▪ Explore methods and an efficient timeframe for site visits to validate maintenance activities.</li> </ul>	
<b>Coordinating Organization:</b>	Oregon State Fire Marshal: Lane County Office
<b>Internal Partners:</b>	<b>External Partners:</b>
	OSFM, HBA, homeowners insurance companies
<b>Timeline:</b>	<b>If available, estimated cost:</b>
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)
Outreach (6 mos-1 year)	Ongoing