

ATTACHMENT A

RESOLUTION NO. _____

A RESOLUTION ADOPTING THE EUGENE/SPRINGFIELD MULTI-JURISDICTIONAL NATURAL HAZARDS MITIGATION PLAN AND REPLACING THE PLAN ADOPTED BY RESOLUTION NO. 4992.

The City Council of the City of Eugene finds that:

A. On November 23, 2009, Resolution No. 4992 was adopted approving the October 2009 “Eugene/Springfield Multi-Jurisdictional Natural Hazards Mitigation Plan.” The Federal Emergency Management Agency requires that Natural Hazards Mitigation Plans be updated every five years.

B. The City of Eugene recognizes the threat that natural hazards pose to people and property within our community.

C. Undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences.

D. An adopted Multi-Jurisdictional Natural Hazards Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs.

E. The City of Eugene fully participated in the FEMA-prescribed mitigation planning process to prepare the Multi-Jurisdictional Natural Hazards Mitigation Plan attached as Exhibit A.

F. The Oregon Office of Emergency Management and Federal Emergency Management Agency, Region X officials have reviewed the “Eugene/Springfield Multi-Jurisdictional Natural Hazards Mitigation Plan,” dated October 2014, and have pre-approved it contingent upon this official adoption of the participating governments and entities.

NOW, THEREFORE,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EUGENE, a Municipal Corporation of the State of Oregon, as follows:

Section 1. The “Eugene/Springfield Multi-Jurisdictional Natural Hazards Mitigation Plan” attached as Exhibit A is adopted and replaces the Plan adopted by Resolution No. 4992.

Section 2. The City Manager, or the Manager's designee, is requested to submit a copy of this Resolution, including Exhibit A, to the Oregon Office of Emergency Management and Federal Emergency Management Agency, Region X officials to obtain formal approval of the Plan.

Section 3. This Resolution is effective immediately upon its passage by the City Council.

The foregoing Resolution adopted the _____ day of February, 2015.

City Recorder

ATTACHMENT B

Eugene-Springfield Multi-Jurisdictional Natural Hazards Mitigation Plan: Background and Update Highlights

What is a Natural Hazards Mitigation Plan?

The Natural Hazards Mitigation Plan (NHMP) identifies actions that strengthen a community's ability to withstand the damaging effects of natural hazards.

Mitigation is any sustained action taken to reduce or eliminate the long-term risk to human life and property from natural hazards. Example mitigation actions from the Eugene-Springfield plan include:

- Work with Lane County, ODOT and other partners to develop a community evacuation plan to address multiple hazards. Develop routes, notification system, and a community awareness plan.
- A) Identify critical transportation corridors (including primary emergency, evacuation, and access routes) and electric distribution routes; B) develop a list of key backbone transmission and distribution routes that serve critical customers and enable efficient restoration to the broader distribution system; C) develop a long-term plan to underground, relocate, or “harden” key electric distribution lines along critical corridors (including feasibility assessment and prioritization).
- A) Develop a “Fire hazard zone” map of the areas of high fire danger in the Eugene/Springfield area. B) Cities of Eugene and Springfield adopt the "fire hazard zoning" map; C) Propose building code requirements for construction/repair in the identified high fire risk areas.

Why do we need a Natural Hazard Mitigation Plan?

Without a federally and locally approved NHMP, a community is not eligible for the following federal disaster mitigation funds:

- Pre-Disaster Mitigation Grant Program: provides funds to states, territories, Indian tribal governments, communities, and universities for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event. PDM grants are nationally competitive.
- Hazard Mitigation Grant Program: provides grants to state and local governments and other eligible recipients to implement long-term hazard mitigation measures and projects after a major disaster declaration. The purpose of HMGP funds is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery period following a disaster. HMGP funds are available to communities within states that have recently received

Presidential Disaster Declarations. HMGP funds are prioritized for communities that are directly affected by a disaster, but communities outside of the disaster declaration are typically eligible as well.

- Flood Mitigation Assistance: assists states and communities in implementing measures that reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insurable under the National Flood Insurance Program.

Note: The cities are eligible to apply for federal mitigation grant funds separately or they may submit joint applications if a particular project will benefit both jurisdictions.

Background: Planning Process

During 2013/2014 the cities of Eugene and Springfield, with support from the Oregon Partnership for Disaster Resilience (OPDR) at the University of Oregon's Community Service Center updated the 2009 Eugene-Springfield Multi-jurisdictional Natural Hazards Mitigation Plan.

The following representatives served as steering committee members for the natural hazard mitigation planning process:

- Matt McRae – City of Eugene – Project Manager
- Josh Bruce – Oregon Partnership for Disaster Resilience
- Forrest Chambers – City of Eugene
- Myrnie Daut – City of Eugene
- Ed Fredette – City of Eugene
- Lisa McLaughlin – Eugene Water and Electric Board
- Ken Vogeney – City of Springfield
- Patence Winningham – City of Eugene

In addition to the steering committee, above, the following entities were involved in the NHMP update process:

Albertsons	Eugene Water and Electric Board
American Red Cross	Friends of Trees
Bicoastal Media	Home Builder's Association of Lane County
Blachly Lane	Housing and Community Services Agency of Lane County
City of Eugene Building Permit Services	Institute for Sustainable Communities
City of Eugene Public Works	Lane Council of Governments GIS
Comcast	Lane County ARES/Ham Radio operations
Community Health Centers of Lane County	Lane County Economic Development
Cornucopia restaurants	Lane County Health and Human Services
Emerald People's Utility District	Lane County Sheriff's Office
Eugene - Springfield Fire and Emergency Medical Services	
Eugene Police Department	

Lane Electric Cooperative
Lane Regional Air Protection
Agency
Lane Transit District
Market of Choice
McKenzie River Trust
McKenzie Watershed Council
McKenzie-Willamette Medical
Center
Oregon Climate Change Research
Institute
Oregon Department of Land
Conservation and Development
Oregon Department of
Transportation
Oregon DEQ
Oregon Insurance Division
Oregon State Police
Organically Grown Co.

PacificSource Health Plans
PeaceHealth Oregon
Rainbow Water District
Rowell Brokaw Architects
Safeway
Shelter Care
SnowTemp Cold Storage
Springfield Police Department
Springfield Utility Board
Trillium Community Health Plan
Bonneville Power Administration
University of Oregon
US Army Corps of Engineers
USDA Forest Service
Verizon Wireless
Volunteers In Medicine Clinic
Willamette Farm and Food Coalition
Williams Northwest Pipeline

Who is responsible for maintaining and updating the Multi-Jurisdictional Natural Hazard Mitigation Plan?

Eugene and Springfield Emergency Management staff are responsible for plan maintenance. The Natural Hazards Mitigation Plan subcommittee of the Lane Preparedness Coalition serves as the coordinating and implementation body for the Plan.

What is different in this NHMP compared to the 2009 version?

Hazard and Climate Vulnerability Assessment

The 2014 update includes a comprehensive, system-based hazard and climate vulnerability assessment. The assessment, detailed in Section 4.2 of the NHMP, involved facilitated conversations with local experts involved in drinking water, wastewater, stormwater, electricity, public safety, housing, public health and health care, communications, food, natural systems, and transportation.

The assessment provides a) important lessons about the systems that are most crucial to the function of our community, and b) information about how individual systems will perform under scenarios of earthquake, flood, winter storm, climate change, and higher fossil fuel prices. The lessons from the Vulnerability Assessment have been used to inform the development and prioritization of a number of specific mitigation activities. In addition to informing the NHMP, this Vulnerability Assessment could be used to inform several other long-range community plans.

Vulnerable Populations Maps

The update also includes several regional maps describing the locations of a variety of vulnerable populations. These maps, developed by the Lane Livability Consortium, and funded by a grant from the US Department of Housing and Urban Development, will help city planners focus mitigation activities in areas that will be most beneficial to the households most likely to be negatively impacted by natural hazards.

New Mitigation Actions

A number of new mitigation actions were developed based on findings from the vulnerability assessment. This includes, but is not limited to:

Local Transportation Infrastructure Seismic Evaluation

Evaluate Eugene and Springfield bridges (Vehicular and pedestrian) for seismic vulnerability, and record results centrally; b) develop a prioritized list of bridges to be retrofitted or replaced; c) seek funding to implement retrofitting/replacement.

Emergency Fuel Distribution Plan

Develop a Eugene/Springfield emergency fuel distribution plan that considers 1) the likely local fuel available during specific scenarios (earthquake, winter storm, mass evacuation) 2) the needs of public and private critical services for transportation fuels and natural gas supplied by the Eugene Kinder Morgan / Williams Pipeline fuel terminal, and 3) the existing on-site fuel storage and operation capacity of those critical services.

Community Recovery Planning

List and prioritize the hazards likely to warrant recovery plans. Develop appropriate and necessary community recovery plans starting with the highest priority hazards.

Local Electricity Generation

- 1) Work with EWEB to develop a plan to increase local control of EWEB electric generation in the event of a regional outage (for example: given a regional outage, develop ability to direct locally generated power to critical facilities such as water treatment plants and hospitals).
- 2) Encourage small scale local electricity generation that can be operated independently of the regional and/or local grid in the event of a local or regional power outage (for example: install local renewable electricity generation in support of critical facilities so they can operate during an outage).

Broadcast Radio communications

Review existing communication tools between Emergency Managers and radio stations. Develop a low-tech, direct communication line (such as HAM radio) between staff at Bicoastal Media (1120 KPNW, the radio station that has been heavily hardened with FEMA dollars) and Eugene, Springfield and Lane County Emergency Managers.