

AGENDA COVER MEMO

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ORDN 1504

AGENDA DATE: June 30, 2004
TO: Board of County Commissioners
FROM: Department of Health & Human Services
PRESENTED BY: Rob Rockstroh
AGENDA ITEM TITLE: First Reading and Setting Second Reading and Public Hearing / Ordinance 1504 / In the Matter of Amending Chapter 18 of Lane Code to Adjust the West/Central and Northwest/Central Ambulance Service Area Boundaries and to Update the Ambulance Service Area Plan (Second Reading and Public Hearing July 14, 2004 at 1:30 p.m.)

I. MOTION

FIRST READING AND SETTING SECOND READING AND PUBLIC HEARING / ORDINANCE 1504 / TO AMEND CHAPTER 18 OF LANE CODE TO ADJUST THE WEST/CENTRAL AND NORTHWEST/CENTRAL AMBULANCE SERVICE AREA BOUNDARIES AND TO UPDATE THE AMBULANCE SERVICE AREA PLAN (SECOND READING AND PUBLIC HEARING JULY 14, 2004 AT 1:30 P.M.)

II. ISSUE OR PROBLEM

Lane County has received a request to amend Lane Code Chapter 18 and the current Ambulance Service Area Plan to adjust the West/Central and Northwest/Central service area boundaries. Staff has also worked with ambulance service providers to redefine notification/response time zones.

III. DISCUSSION

A. Background:

In 1997, Lane County adopted, in Lane Code Chapter 18, its Ambulance Service Area (ASA) Plan. The plan initially established seven ambulance service areas, which increased to eight in June of 2001. The plan also assigned ambulance service providers and implemented regulations relating to the need for, and coordination of, ambulance services, to provide for the efficient and effective provision of services in the area. Under the ASA Plan, the entire county is provided ambulance services with only one provider assigned to each ambulance service area. Coordination of services is maintained between those providers through a required mutual aid agreement.

Lane Code 18.030 allows that "Boundaries may be modified after the plan is adopted and implemented. When the existing assigned providers agree in writing and request director action, modifications to the ASA boundaries may be made by the director after review and recommendations of the committee based upon changes in response time, dispatch equipment, enhanced 9-1-1 or EMT placement and practices and populations." A letter requesting a change to the portion of the line which separates ASA #4 and ASA #5 was submitted to the County by Dennis Murphy, Fire Chief, Springfield Fire & Life Safety; and Thomas Tallon, Fire Chief, Eugene Fire and EMS on October 16, 2001. The request for the boundary change request met the "change in dispatch equipment" requirement for change. Both agencies are now able to provide advanced life support care from every city fire engine and truck allowing them to respond to all calls within their urban growth boundaries.

This request was forwarded to the Public Health Advisory Committee on April 16, 2003. The committee recommended approval of the modification, and the change was approved by the director on May 7, 2003. This modification does not require a public hearing as Lane Code allows the director to approve the boundary modification. The purpose of including this in this agenda item is to incorporate the change into Lane Code Chapter 18 based on operation of code and the director's action since the last Board action.

The requested plan changes that require public hearing are modifications to Section 18.030 adding a schedule of regular review and discussing annexation issues; and modifying Appendix 1, the Lane County Ambulance Service Areas & Estimated System Response Time Map.

Section 18.030 of the Lane Code addresses modification of boundaries. There is specific language addressing the annexation of ASA #8 into ASA #4. Ambulance providers have suggested that rather than discussing a specific boundary issue, general language be added that would apply in any annexation situation. The revised language states that when boundaries are changed due to annexation, consideration is given to creating service areas that are well defined, creating a system that effectively allow for dispatch of response resources and data management. In order for any change in ASA boundaries to occur, all parties to the proposed in change in boundaries would need to approve.

Proposed language is also being added to Section 18.030 regarding regular review of the ASA plan. The suggested language will require review of the plan every three years or by request of the Health Advisory Committee, the director of Health and Human Services or Lane County ambulance provider(s). Regular review will allow the County to make sure that the plan remains relevant to the services being provided and the regulations governing those services.

Ambulance service providers have also spent a number of months developing a revised reporting system. There were originally seven estimated system response time zones. As service providers began to try to report on the zones, it became apparent that the zone times were not always accurate and the number of zones was too high. LCOG plotted response times for the period April 1, 2003 – June 30, 2003. Based on this actual response time data, four response zones were developed:

- Zone 1 - Less than 10 minutes
- Zone 2 - Less than 20 minutes
- Zone 3 - 45 minutes or less
- Zone 4 - More than 45 minutes

This revision in time zones will improve agency reporting and is in compliance with the Oregon Administrative Rules governing Ambulance Service Areas.

B. Alternative / Options

1. To adopt the changes in the Ambulance Service Area Plan and Lane Code Chapter 18 as recommended by the Health Advisory Committee and the Health and Human Services director.
2. To not adopt any changes in the Ambulance Service Area Plan and Lane Code Chapter 18.

C. Recommendation

To approve #1 above.

IV. IMPLEMENTATION / TIMING

Upon approval by the Board, Lane Code Chapter 18 will be amended and a revised Ambulance Service Area Plan will be submitted to the Oregon Health Division. After receiving state approval, H&HS will notify the ambulance providers of the approved change.

V. ATTACHMENTS

- Board Order
- Proposed Language for Lane Code Chapter 18
- Revised Appendix 1 for Lane Code Chapter 18
- Revised Appendix 2 for Lane Code Chapter 18

IN THE BOARD OF COUNTY COMMISSIONERS, LANE COUNTY, OREGON

ORDINANCE NO. 15-04

IN THE MATTER OF AMENDING CHAPTER 18 OF LANE CODE TO ADJUST THE WEST/CENTRAL AND NORTHWEST/CENTRAL AMBULANCE SERVICE DISTRICT BOUNDARIES AND TO UPDATE THE AMBULANCE SERVICE AREA PLAN (LC 18.020 through 18.030)

The Board of County Commissioners of Lane County ordains as follows:

Chapter 18 of Lane Code is hereby amended by removing, substituting and adding new sections as follows:

REMOVE THESE SECTIONS

18.020 through 18.030
located on pages 18-3 through 18-5
(a total of 3 pages)

Appendix 1 to LC 18.020
located on page 18-13
(a total of 1 page)

Appendix 2 to LC 18.025
located on page 18-14
(a total of 1 page)

INSERT THESE SECTIONS

18.020 through 18.030
located on pages 18-3 through 18-5
(a total of 3 pages)

Appendix 1 to LC 18.020
located on page 18-13
(a total of 1 page)

Appendix 2 to LC 18.025
located on page 18-14
(a total of 1 page)

Said section is attached hereto and incorporated herein by reference. The purpose of this substitution and addition is to adjust the West/Central and Northwest/Central Ambulance Service District Boundaries and to update the Ambulance Service Area Plan (LC 18.020 through 18.030)

ENACTED this _____ day of _____ 2004.

Chair, Lane County Board of Commissioners

Recording Secretary for this Meeting of the Board

APPROVED AS TO FORM
Date 6/22/04 Lane County
J. Rowland
OFFICE OF LEGAL COUNSEL

Public Safety Answering Point (PSAP). An agency that answers calls from citizens for emergencies involving requests for emergencies involving requests for emergency fire, police or medical assistance. An example of a PSAP is a 9-1-1 Center.

Quick Response Team (QRT). An agency that provides initial response and basic life support care without transportation capabilities by certified First Responders.

Response time. The length of time between the notification of each provider and the arrival of each provider's emergency medical service unit(s) at the incident scene.

Supervising physician. A medical or osteopathic physician licensed under ORS Chapter 677, actively registered and in good standing with the Board of Medical Examiner of the State of Oregon, who provides direction of emergency care provided by emergency medical technicians.

System response time. The elapsed time from when the PSAP receives an emergency call until the arrival of the appropriate provider unit(s) on the scene. *(Revised by Ordinance No.7-97, Effective 6.6.97)*

18.020 Ambulance Services Area Boundaries.

Lane County shall consist of eight Ambulance Service Areas (ASAs). The "Lane County Ambulance Service Areas and Estimated System Response Time" map (see Appendix #1), adopted and incorporated here by this reference, represents the established ASAs, assigned ASA providers and estimated system response times, which include notification time and provider response time. Actual response time is subject to the variables of access, weather, road and traffic conditions as well as other circumstances that can impact response time. The narrative description of the ASAs is generalized, more detailed information can be found on the Response Time Zone Map. Adjustments to the ASA boundaries may be made by the Director or the Board consistent with the requirements of this plan pursuant to LC 18.030 below. By mutual aid agreement, an ambulance service provider may respond to another provider's ASA. This Plan does not apply to an ambulance that is passing through an ASA.

(1) ASA #1. - Western. This area is bordered on the west by the Pacific Ocean; north by Milepost 174 on US 101; east on State Highway 36 to Greenleaf Road and east on State Highway 126 to Milepost 29; and south to the Douglas County line at Milepost 198.5 on US 101 and south on Siuslaw Road to and including the Clay Creek Recreational Area. Response into rural and frontier areas will be dictated by access capabilities.

(2) ASA #2. - North/West. This area is bordered on the west by the Pacific Ocean; north by the Lincoln County line to the Benton County Line; west at the wilderness area of Saddle Mountain; and south to Milepost 174 on US 101. Response into rural and frontier areas will be dictated by access capabilities.

(3) ASA #3. - Benton. This area covers only a small portion of northern Lane County starting at the Lane/Benton County line on the west to the union of Lobster Creek with the East Fork of Lobster Creek to the east; and south to Taylor Butte and east to the community of Paris. Response into rural and frontier areas will be dictated by access capabilities.

(4) ASA #4. - West/Central. This area is bordered on the west starting ½ mile south of Milepost 21½ State Highway 36 at Greenleaf Road; south to State Highway 126 at Milepost 29; south to the Clay Creek Recreational Area; following the Lane/Douglas County border to a point south of Alma; north to Alma; east following the northern border of Lorane Rural Fire Protection District; east following the northern border of Creswell Rural Fire Protection District to Camas Swale Creek; east to Interstate 5; north on Interstate to the Lane/Linn County border, west to the border of Junction City/Coburg Rural Fire Protection Districts at the Willamette River; follow the Junction City Rural

Fire Protection District border then follow a line south passing through Lane Rural Fire/Rescue, Santa Clara Rural Fire Protection District and portions of City of Eugene City Limits; follow the Lane Rural Fire/Rescue border to the northwest corner of Lane County Fire District #1; west to the beginning ½ mile south of Milepost 21½ on State Highway 36. Response into rural and frontier areas will be dictated by access capabilities.

(5) ASA #5. - East/Central. This area is bordered on the west by Interstate 5; north by the Linn County Line; east via State Highway 126/242 to the Deschutes County line and State Highway 58 to Milepost 17; and south on Interstate 5 to Camas Swale Creek. Response into rural and frontier areas will be dictated by access capabilities. This provider also serves an area of Linn County up to Harrisburg, which is not included in this plan.

(6) ASA #6. - Southern. This area is bordered on the west by Siuslaw River Road to Wolf Creek Road; north by Camas Swale Creek and Ham Road; east by a line from Camas Swale Creek, to Bear Mountain, to Mount June, to Patterson Mountain, to Grass Mountain; and south by the Douglas County line. Response into rural and frontier areas will be dictated by access capabilities.

(7) ASA #7. - South/East. This area is bordered on the west by State Highway 58 at Milepost 17 to Saddle Blanket Mountain; east by the Deschutes County line; and south by Mount June to Patterson Mountain to Grass Mountain, then to the Douglas County line. Response into rural and frontier areas will be dictated by access capabilities.

(8) ASA #8. - Northwest/Central. This area is bordered on the west beginning at the Lane/Benton County border at Lobster Creek to a point ½ mile south of Milepost 21½ on State Highway 36 at Greenleaf Road; East to northern border of Lane County Fire District #1; following the southern border of Lane Rural Fire/Rescue; then north following a line passing through Lane Rural Fire/Rescue, Santa Clara Fire Protection District and portions of City of Eugene City Limits north to the border of Junction City Rural Fire Protection District; north to the Lane/Benton County Border; then west to the point of beginning. Response into rural and frontier areas will be dictated by access capabilities. *(Revised by Ordinance No.10-87, Effective 9.3.87; 7-97, 6.6.97; 1-01, 12.20.01)*

18.025 9-1-1 Fire Protection Providers and Incorporated Cities Map.

(See Appendix #2) (Revised by Ordinance No.10-87, Effective 9.3.87; 7-97, 6.6.97)

18.030 Alternatives To Reduce Response Times.

ASA boundary lines were drawn considering such elements as 9-1-1 trunking, fire district boundaries, current EMT practices, response times, geographic or man-made barriers and public response. In many areas, the actual responding agency may vary for any of the following reasons:

- (1) Inability to identify caller's address, area or district;
- (2) Remote wireless calls to PSAP from outside the service area; and
- (3) Variable weather and road conditions.

Any of the above listed conditions may cause more than one ambulance to be dispatched simultaneously to the scene. Alternatives or changes to existing ASA boundaries to reduce notification and/or response times were considered during the development of this plan.

The plan will be reviewed every three years or by request of the Committee, Director or Lane County ambulance provider. ASA boundaries may be modified after the plan is adopted and implemented. When the existing assigned providers agree in writing and request Director action, modifications to the ASA boundaries may be made by the Director after review and recommendation of the Committee, based upon

annexation, changes in response time, dispatch equipment, enhanced 9-1-1 or EMT placement and practices and population. When ASA boundaries are adjusted due to annexation, consideration will be given to creating service areas that are well defined, thereby facilitating effective dispatch of response resources and data management. The Director shall maintain a written record of modifications made to the ASA boundaries. Affected providers may appeal to the Board within 14 days after receipt of the Director's decision. All other modifications shall be made pursuant to one or more provisions, including LC 18.045, 18.070, 18.075, 18.080, or 18.100. *(Revised by Ordinance No. 7-97, Effective 6.6.97; 1-01, 12.20.01; 13-01, 1.5.02)*

18.040 System Elements.

The following system elements apply to each ASA provider:

(1) Notification/Response Time Zones.

(a) The Lane County ASA system response times shall be as depicted on the Lane County Ambulance Service Area and Estimated System Response Time map 85% of the time within a calendar quarter, barring inclement weather or other extraordinary conditions.

(b) Notification Times for ambulances shall be within two minutes for 90% of emergency calls.

(c) System response time shall be as follows for 90% of the calls: Urban - 5 min.; Urbanizable - 10 min; Suburban - 15 min.; Rural - 45 min.; and Frontier - up to 4 hours and 30 min.

(d) Monitoring of notification and response times shall be accomplished as provided in the quality assurance program.

(2) Level of Care.

(a) An ambulance operating in Lane County and providing basic life support level care must consist of a qualified driver and one certified EMT-Basic or above. The EMT must always be with the patient in the patient compartment of the ambulance.

(b) An ambulance operating in Lane County and providing intermediate life support level of care must consist of one certified EMT-Basic and one certified EMT-Intermediate. The EMT-Intermediate must always be with the patient in the patient compartment of the ambulance when intermediate care is required or rendered.

(c) An ambulance operating in Lane County and providing advanced life support level care must consist of an EMT-Basic and an EMT-Paramedic. The EMT-Paramedic must always be with the patient in the patient compartment of the ambulance when advance life support care is required or being rendered.

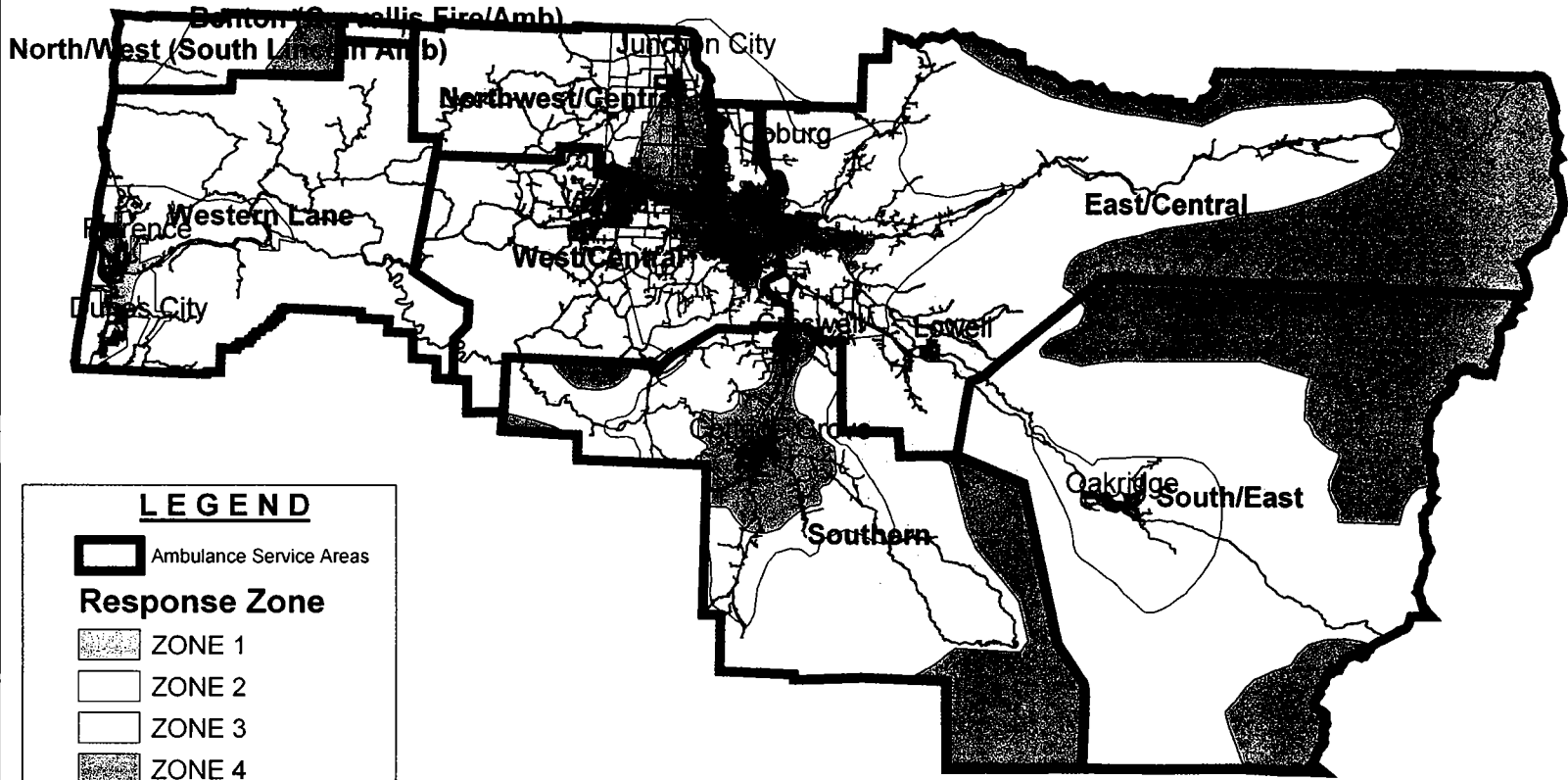
(3) Personnel. When operating an ambulance in Lane County, all personnel must meet the requirements of ORS 682.015 through 682.991 and OAR 333-255-070(1)(4) or (6). The practice of staffing an ambulance on a part-time basis with EMTs certified to a higher level of care than is possible at other times does not create a requirement that the ambulance provide the same level of care on a regular basis.

(4) Medical Supervision. Each provider utilizing EMTs shall be supervised by a supervising physician.







(5) Patient Care Equipment. Patient care equipment must meet or exceed the Oregon Health Division's requirements as specified in ORS 682.015 through 682.991 and OAR 333-255-070(2),(3),(5)or(7). The ambulance service provider shall maintain a list of equipment for their ambulances, which shall be furnished to the Director upon their request.

(6) Vehicles. All ambulances must be either a Type I, II, or III and be licensed by the Oregon Health Division. All ambulances must meet or exceed the requirements as

Lane County Ambulance Service Area Response Zones



LEGEND

-  Ambulance Service Areas
- Response Zone**
-  ZONE 1
-  ZONE 2
-  ZONE 3
-  ZONE 4
-  Roads



0 2.5 5 10 15 20 Miles

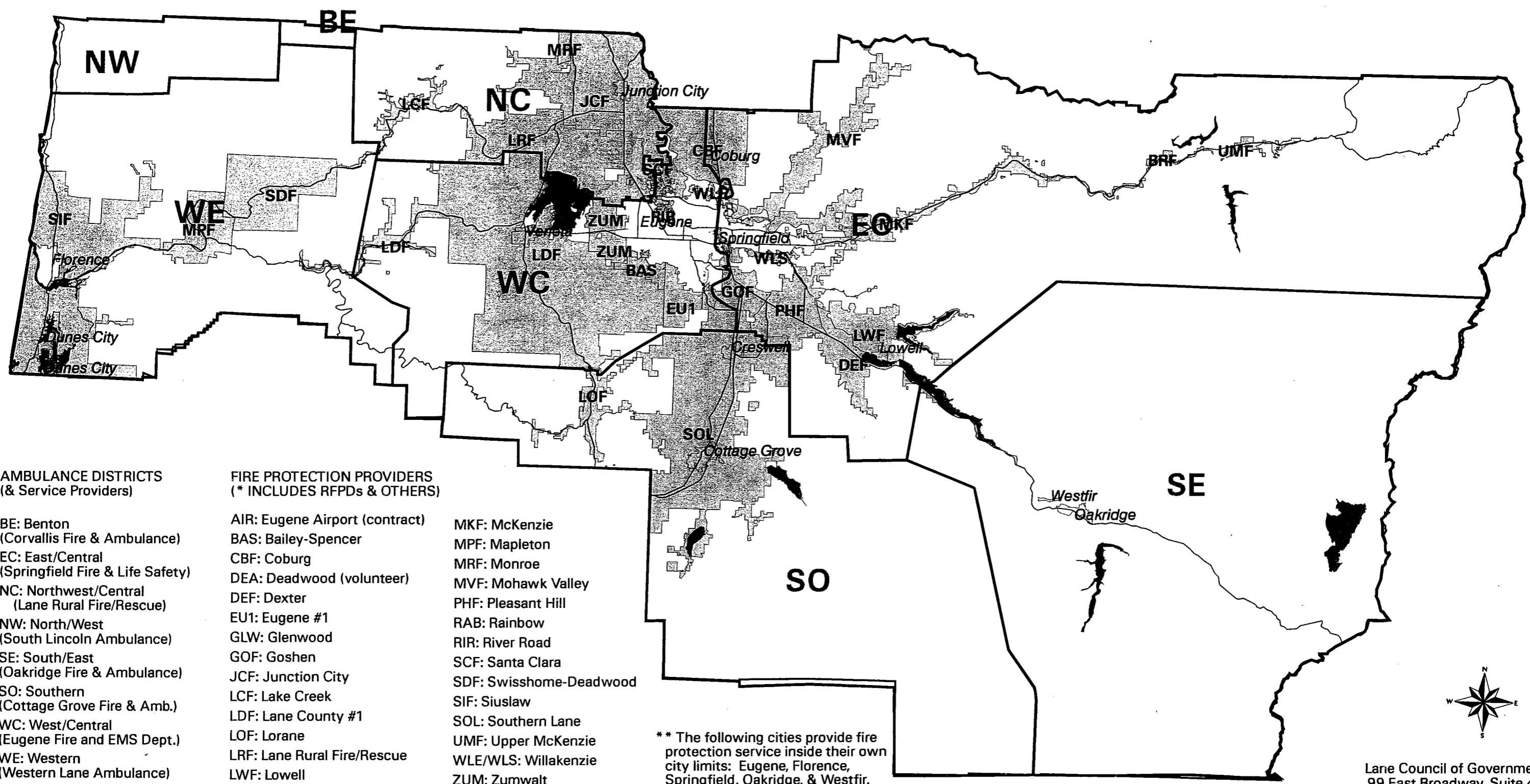


Lane Council of Governments
 79 East Broadway, Suite 400
 Eugene, Oregon 97401-2111
 www.lcog.org/gpu/sr.html

August 22, 2009

(Revised by Ordinance No. 7-97, Effective 6.6.97; 1-01, 12.20.01)

Lane County Fire Protection Providers * and Incorporated Cities **



APPENDIX 2 to LC 18.025

**AMBULANCE DISTRICTS
(& Service Providers)**

BE: Benton
(Corvallis Fire & Ambulance)

EC: East/Central
(Springfield Fire & Life Safety)

NC: Northwest/Central
(Lane Rural Fire/Rescue)

NW: North/West
(South Lincoln Ambulance)

SE: South/East
(Oakridge Fire & Ambulance)

SO: Southern
(Cottage Grove Fire & Amb.)

WC: West/Central
(Eugene Fire and EMS Dept.)

WE: Western
(Western Lane Ambulance)

**FIRE PROTECTION PROVIDERS
(* INCLUDES RFPDs & OTHERS)**

AIR: Eugene Airport (contract)

BAS: Bailey-Spencer

CBF: Coburg

DEA: Deadwood (volunteer)

DEF: Dexter

EU1: Eugene #1

GLW: Glenwood

GOF: Goshen

JCF: Junction City

LCF: Lake Creek

LDF: Lane County #1

LOF: Lorane

LRF: Lane Rural Fire/Rescue

LWF: Lowell

MKF: McKenzie

MPF: Mapleton

MRF: Monroe

MVF: Mohawk Valley

PHF: Pleasant Hill

RAB: Rainbow

RIR: River Road

SCF: Santa Clara

SDF: Swisshome-Deadwood

SIF: Siuslaw

SOL: Southern Lane

UMF: Upper McKenzie

WLE/WLS: Willakenzie

ZUM: Zumwalt

** The following cities provide fire protection service inside their own city limits: Eugene, Florence, Springfield, Oakridge, & Westfir.

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on Interstate to the Lane/Linn County ~~Border~~border, west to the border of Junction City/Coburg Rural Fire Protection Districts at the Willamette River; follow the Junction City Rural Fire Protection District ~~B~~border to the Lane Rural Fire/Rescue border then follow a line south passing through Lane Rural Fire/Rescue, Santa Clara Rural Fire Protection District and portions of City of Eugene City Limits; follow the Lane Rural Fire/Rescue border to the northwest corner of Lane County Fire District #1; west to the beginning ½ mile south of Milepost 21½ on State Highway 36. Response into rural and frontier areas will be dictated by access capabilities.

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18.025 9-1-1 Fire Protection Providers and Incorporated Cities Map.

(See Appendix #2) *(Revised by Ordinance No.10-87, Effective 9.3.87; 7-97, 6.6.97)*

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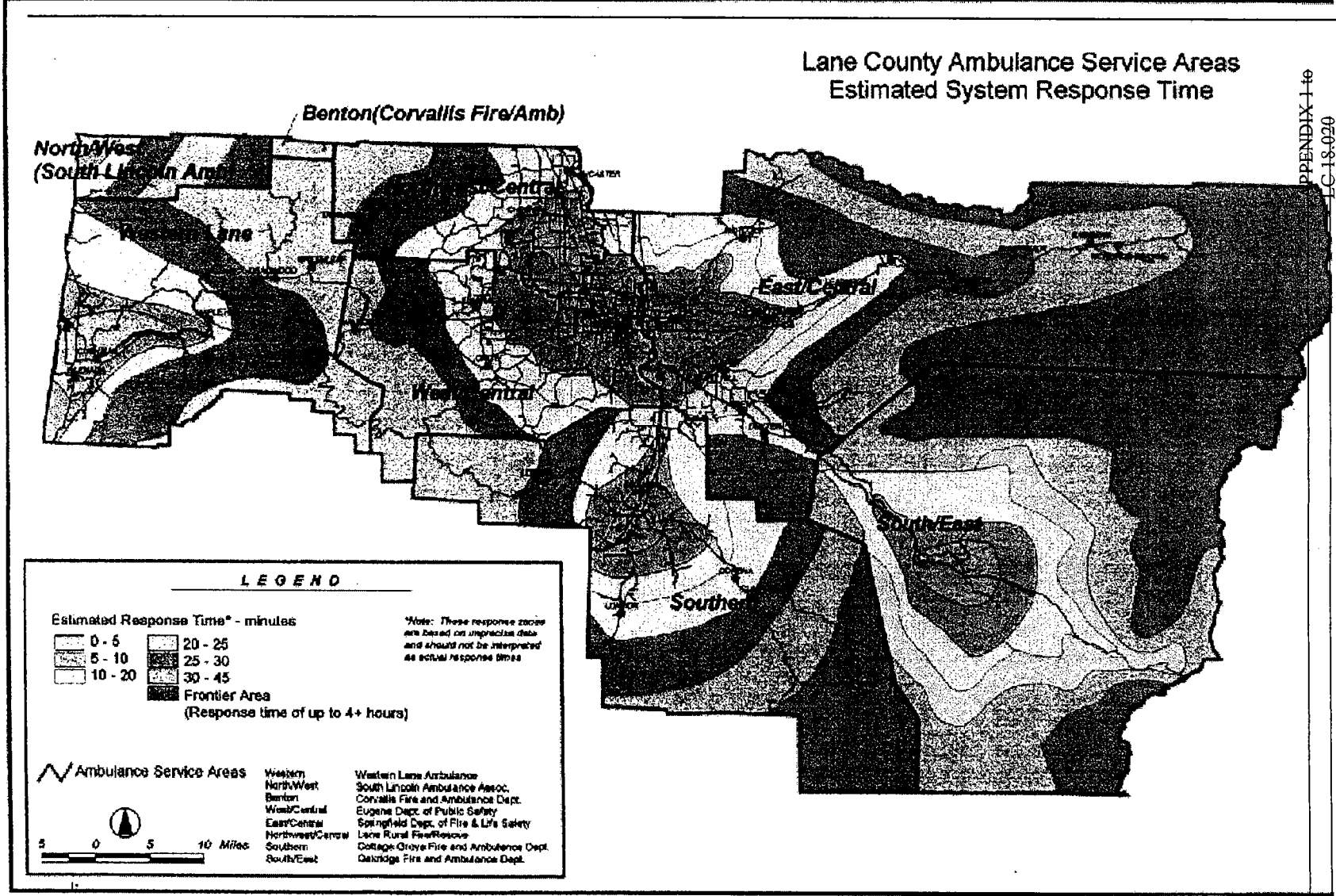
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(Revised by Ordinance No.7-97, Effective 6.6.97; 1-01, Effective 12.20.01)

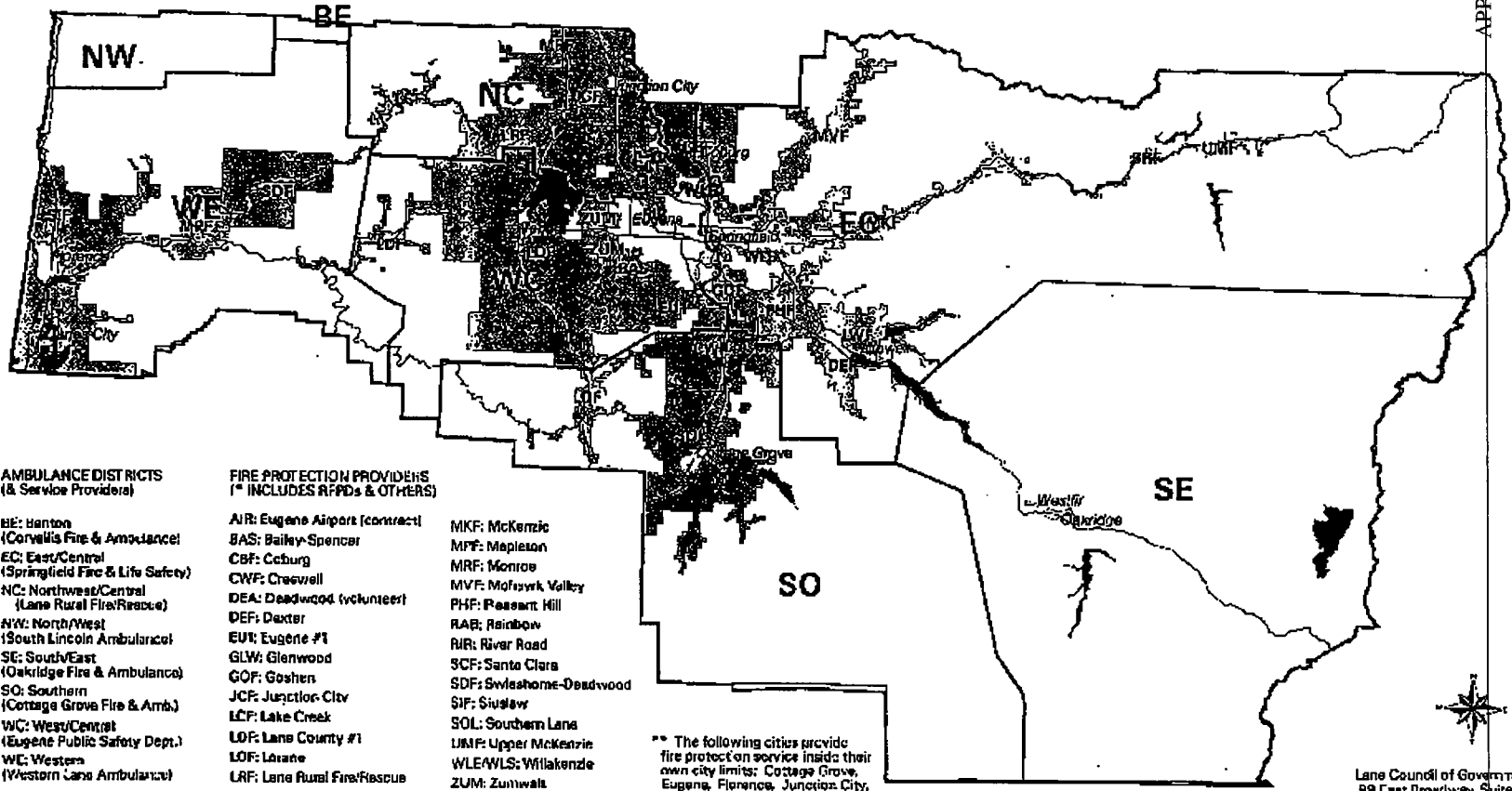
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Lane County Fire Protection Providers * and Incorporated Cities **



**AMBULANCE DISTRICTS
 (& Service Providers)**

- BE:** Benton (Corvallis Fire & Ambulance)
- EC:** East/Central (Springfield Fire & Life Safety)
- NC:** Northwest/Central (Lane Rural Fire/Rescue)
- NW:** North/West (South Lincoln Ambulance)
- SE:** South/East (Oakridge Fire & Ambulance)
- SO:** Southern (Cottage Grove Fire & Amb.)
- WC:** West/Central (Eugene Public Safety Dept.)
- WE:** Western (Western Lane Ambulance)

**FIRE PROTECTION PROVIDERS
 (* INCLUDES RFPDs & OTHERS)**

- AIR:** Eugene Airport (contract)
- BAS:** Bailey-Spencer
- CBF:** Coburg
- CWF:** Creswell
- DEA:** Deadwood (volunteer)
- DEF:** Dexter
- EUR:** Eugene #1
- GLW:** Glenwood
- GOF:** Goshen
- JCF:** Junction City
- LCF:** Lake Creek
- LDF:** Lane County #1
- LOF:** Larane
- LRF:** Lane Rural Fire/Rescue
- LWF:** Lowell
- MKF:** McKenzie
- MPF:** Mapleton
- MRF:** Monroe
- MVF:** Mofusuk Valley
- PHF:** Passart Hill
- RAB:** Rainbow
- RIR:** River Road
- SCF:** Santa Clara
- SDF:** Swishome-Deadwood
- SIF:** Sigglew
- SOL:** Southern Lane
- UMF:** Upper McKenzie
- WLEWLS:** Willakenzie
- ZUM:** Zumwalt

** The following cities provide fire protection service inside their own city limits: Cottage Grove, Eugene, Florence, Junction City, Springfield, Oakridge, & Westfir.

Lane Council of Governments
 98 East Broadway, Suite 400
 Eugene, OR 97401
 June 2001

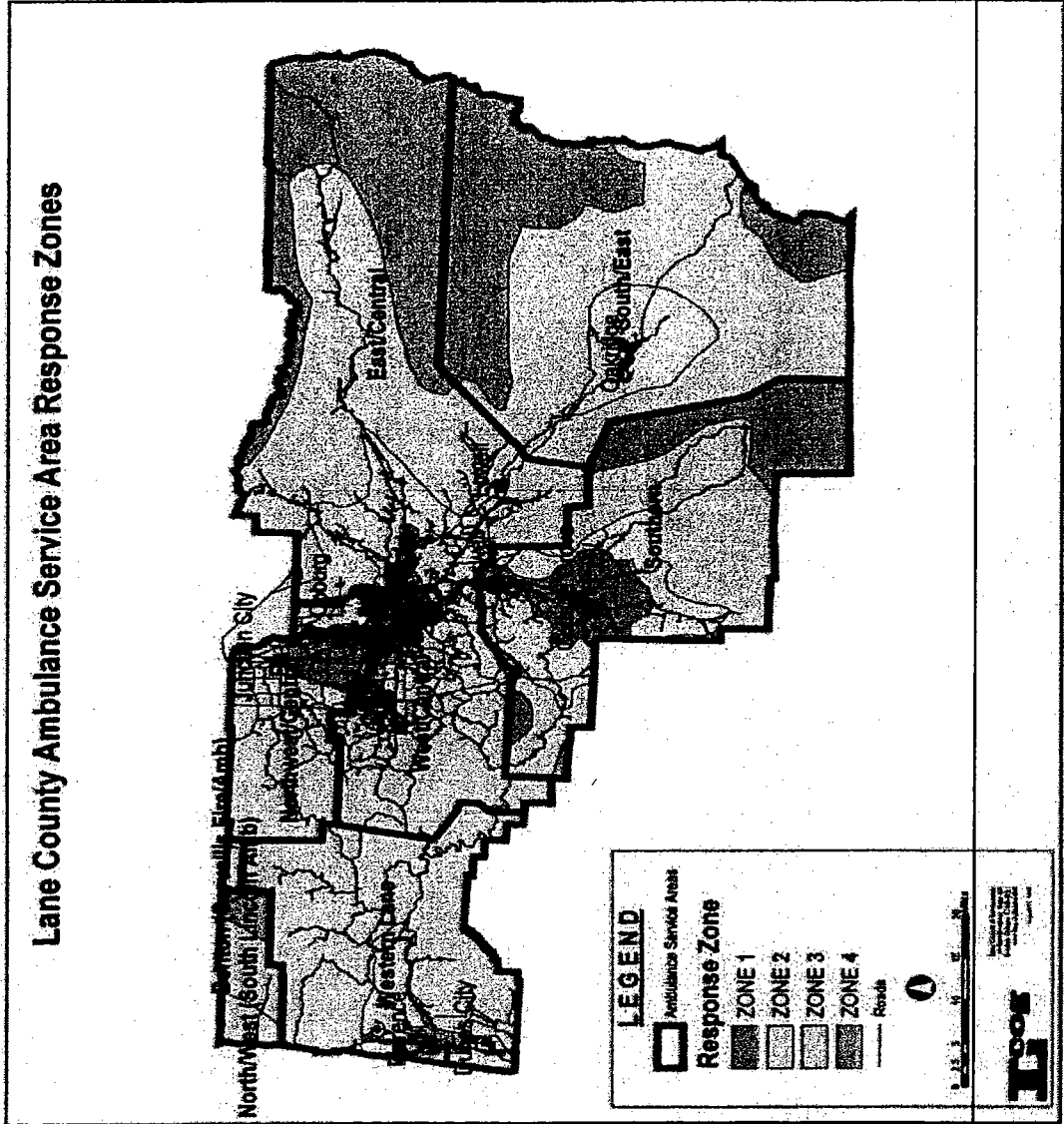
APPENDIX 2-46

||At right margin indicates changes
Bold indicates material being added
Strikethrough indicates material being deleted
18.12018.120 Lane Code

LEGISLATIVE
FORMAT
18.12018.120

LC 18.025

(Revised by Ordinance No. 7 97, Effective 6.6.97; 1 01, Effective 12.20.01)



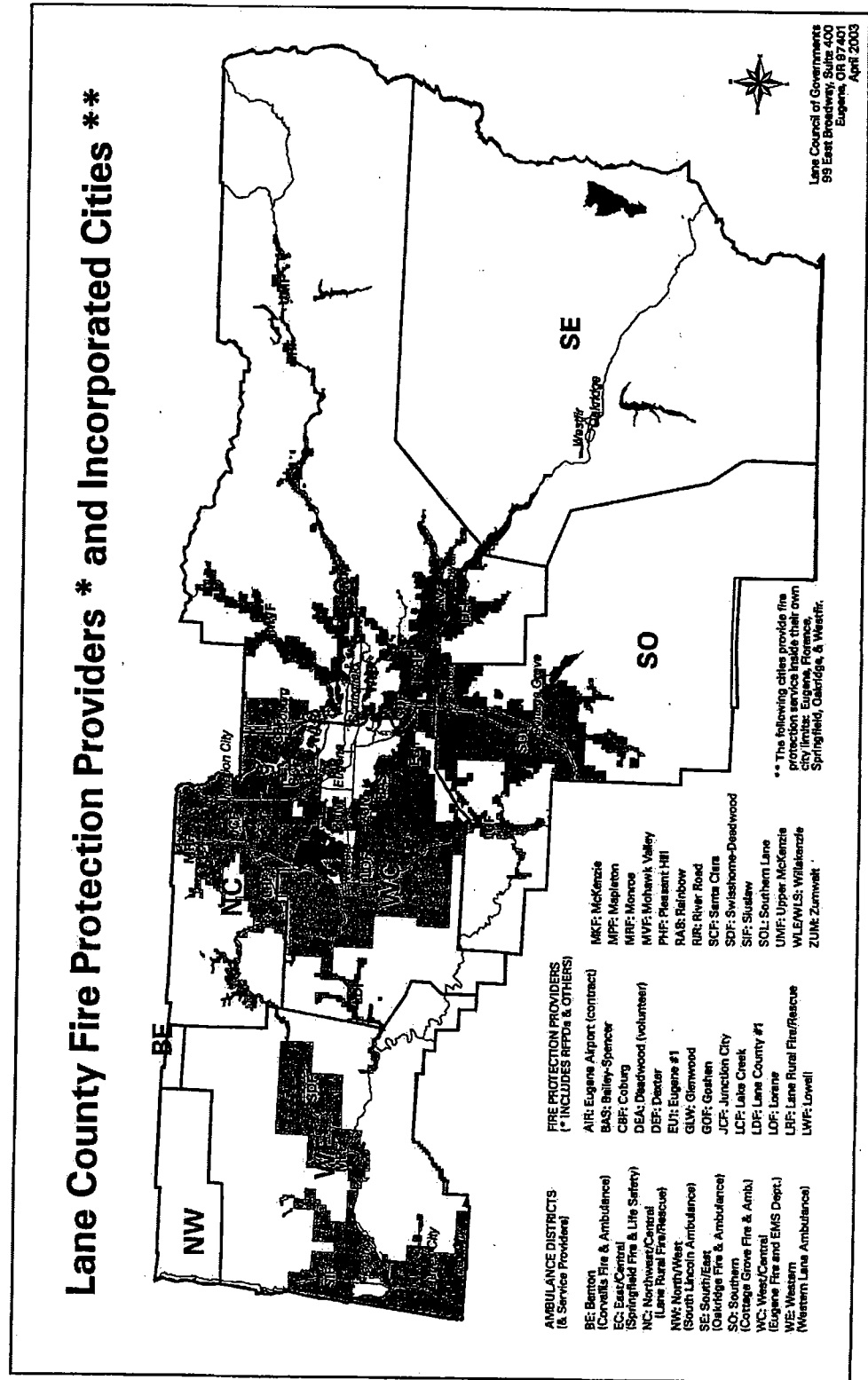
SEE ORIGINAL ORDINANCE NO. 15-04 FOR LARGE SCALE COLOR MAP.

(Revised by Ordinance No. 7-97, Effective 6.6.97; 1-01, 12.20.01)

APPENDIX 1 to
LC 18.020

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 Bold indicates material being added
 Strikethrough indicates material being deleted
 18.120 Lane Code

LEGISLATIVE
 FORMAT
 18.120



SEE ORIGINAL ORDINANCE NO. 15-04 FOR LARGE SCALE MAP.

APPENDIX 2 to

||At right margin indicates changes
Bold indicates material being added
~~Strikethrough~~ indicates material being deleted
18.120 Lane Code

LEGISLATIVE
FORMAT
18.120

LC 18.025

(Revised by Ordinance No.7-97, Effective 6.6.97; 1-01, 12.20.01)