

## **FACTSHEET**

**TITLE:** **CHANGE OF ZONE NO. 3331**, a text amendment to Sections 27.55.010, 27.55.020, 27.55.030 and 27.55.040 of the Lincoln Municipal Code, requested by the City Attorney to adopt the revised Flood Insurance Rate Maps (FIRM) and Flood Insurance Study (FIS), and to clarify language relating to the minimum standards required by the National Flood Insurance Program and the State of Nebraska for floodplain management, by amending the Lincoln Zoning Ordinance.

**SPONSOR:** Planning Department

**BOARD/COMMITTEE:** Planning Commission  
Public Hearing: 07/25/01  
Administrative Action: 07/25/01

**RECOMMENDATION:** Approval (9-0: Krieser, Hunter, Steward, Taylor, Newman, Duvall, Carlson, Schwinn and Bayer voting 'yes').

**STAFF RECOMMENDATION:** Approval.

**ASSOCIATED REQUEST:** Miscellaneous No. 01006, Amendment to the Land Subdivision Ordinance (01-131)

### **FINDINGS OF FACT:**

1. This text amendment to the Zoning Ordinance was heard at the same time as a text amendment to the Land Subdivision Ordinance. Similar proposed text amendments to the County Subdivision Resolution and County Zoning Resolution were also heard at the same time.
2. This is a housekeeping item to adopt the revised Flood Insurance Rate Maps (FIRM) and Flood Insurance Study (FIS), and to clarify language relating to the minimum standards required by the National Flood Insurance Program and the State of Nebraska for floodplain management. The primary change to the maps is that the information has been digitized and organized into one complete set that includes the City, County and other incorporated areas. A public process for properties affected by the few map revisions that modify the floodplain or floodway boundaries occurred last year.

The minimum NFIP regulations have not changed, and in spite of any omissions in the language of our local ordinance, Lincoln has been enforcing the NFIP regulations, thus, *these revisions will not change how Lincoln administers the program*. The text changes are required as a condition of continued eligibility in the National Flood Insurance Program (NFIP). Lincoln must adopt the revised maps and re-certify compliance with minimum floodplain management regulations prior to September 21, 2001.

3. The staff recommendation of approval is based upon the "Analysis" as set forth on p.3-7.
4. There was no testimony in opposition.
5. On July 25, 2001, the Planning Commission agreed with the staff recommendation of approval.

**FACTSHEET PREPARED BY:** Jean L. Walker

**DATE:** July 30, 2001

**REVIEWED BY:** \_\_\_\_\_

**DATE:** July 30, 2001

**REFERENCE NUMBER:** FS\CC\FSCZ3331

## LINCOLN/LANCASTER COUNTY PLANNING STAFF REPORT

**P.A.S.:**        **Change of Zone #3331**  
Miscellaneous #01006

**DATE:** July 11, 2001

***Note: This is a combined staff report for two related text changes. This report contains a single background and analysis section for both items. However, proposed revisions to the Lincoln Zoning Ordinance and to the Land Subdivision Ordinance are attached separately at the end of the report.***

### **PROPOSAL:**

Application by the City Attorney to adopt the revised Flood Insurance Rate Maps (FIRM) and Flood Insurance Study (FIS), and to clarify language relating to the minimum standards required by the National Flood Insurance Program and the State of Nebraska for floodplain management, by amending the Lincoln Zoning and Subdivision Ordinances as follows:

#### **CHANGE OF ZONE NO. 3331**

##### ***Revisions to Zoning Ordinance***

Text amendment to revise Chapter 27.55, "Flood Plain District" of the Lincoln Zoning Ordinance by amending Section 27.55.010, "Scope of Regulations" to adopt the revised Flood Insurance Rate Maps (FIRM) and Flood Insurance Study (FIS) and to delete the reference to the Flood Boundary and Floodway Maps; amending Section 27.55.020, "Definitions," to add definitions for Flood Insurance Study and Historic Structure, to modify the definition of Flood Insurance Rate Map and Flood Plain, and to delete the definition of Flood Boundary and Floodway Map; amending Section 27.55.030, "Standards," and 27.55.040, "Administration," to add provisions regarding Special Flood Hazard Areas Zone AO and Zone A and to make various other revisions to clarify language relating to the minimum standards required by the National Flood Insurance Program and State of Nebraska for floodplain management.

#### **MISCELLANEOUS NO. 01006**

##### ***Revisions to Land Subdivision Ordinance***

Text amendment to revise Chapter 26.07, "Definitions," and Chapter 26.15, "Preliminary Plat" of the Lincoln Subdivision Ordinance to add Section 26.070.115, "Flood Insurance Study," to adopt the revised Flood Insurance Study; to amend Section 26.07.120, "Flood Plain" to adopt the revised Flood Insurance Rate Maps; and to amend Section 26.15.040, "Preliminary Plat," to add provisions regarding Special Flood Hazard Area Zone A to clarify language relating to the minimum standards required by the National Flood Insurance Program and State of Nebraska for floodplain management.

### **SUMMARY:**

This is a housekeeping item to adopt the revised Flood Insurance Rate Maps (FIRM) and Flood Insurance Study (FIS), and to clarify language relating to the minimum standards required by the National Flood Insurance Program and the State of Nebraska for floodplain management. The primary

change to the maps is that the information has been digitized and organized into one complete set that includes the City, County and other incorporated areas. A public process for properties affected by the few map revisions that modify the floodplain or floodway boundaries occurred last year.

The minimum NFIP regulations have not changed, and in spite of any omissions in the language of our local ordinance, Lincoln has been enforcing the NFIP regulations, thus, *these revisions will not change how Lincoln administers the program*. The text changes are required as a condition of continued eligibility in the National Flood Insurance Program (NFIP). Lincoln must adopt the revised maps and re-certify compliance with minimum floodplain management regulations prior to September 21, 2001.

**GENERAL INFORMATION:**

**APPLICANT:** Dana Roper, City Attorney  
Law Department  
Justice & Law Enforcement Center  
575 S. 10th Street, Suite 4201  
Lincoln, NE 68508

<b>CONTACTS:</b>	Nicole Fleck-Tooze Public Works & Utilities Dept. 555 S. 10 <sup>th</sup> Street Lincoln, NE 68508 (402) 441-6173	Mike DeKalb Planning Dept. 555 S. 10 <sup>th</sup> Street Lincoln, NE 68508 (402) 441-6370
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**HISTORY:**

**October of 1998.** Lincoln and Lancaster County received preliminary copies of the revised FIRM and FIS for review and comment. The primary change to the maps is that the information has been digitized and organized into one complete set that includes the City, County and other incorporated areas. There are also some minor changes within Lincoln and Lancaster County, many, but not all, of which reflect existing Letters of Map Revision that are already effective.

**August of 2000.** FEMA gave public notice in the Lincoln Journal Star on August 15, 2000 and August 22, 2000 for those map revisions which will modify the boundaries of the floodplain or floodway, and provided for a 90-day appeal period. These map revisions are described below in the analysis. The basis for any appeal was required to be information indicating that the revisions were scientifically or technically incorrect. The City and County supplemented this public notice with written notification to 14 property owners within the affected areas, including a map and a contact number for questions (see attached letter for example). The City and County received no questions, comments, or appeals following the notification.

**ANALYSIS:**

1. As a condition of continued eligibility in the National Flood Insurance Program (NFIP), Lincoln is required to adopt the revised maps and to re-certify adoption of floodplain management regulations that meet the minimum federal and state requirements prior to September 21, 2001.

2. The proposed ordinance revisions adopt the revised maps and amend the text of the ordinances to clarify language relating to the minimum federal and state requirements to ensure Lincoln’s continued compliance with the NFIP.

**Maps**

3. The revised maps change some of the names used for zones within the floodplain. The table below describes the purpose of each zone and the change in name for each of the zones applicable or potentially applicable in the future to the City of Lincoln:

Old Name	New Name	Description
Zone A “Unnumbered” A Zone	Zone A	100-year floodplain where no base flood elevations or depths are shown.
Zones A1-A30 “Numbered” A Zones	Zone AE	100-year floodplain where base flood elevations are provided.
Zone B	Zone X	500-year floodplain.
Zone C	Zone X	Areas outside the 100- and 500-year floodplains.
Zone AH	Zone AH	Areas of 100-year shallow flooding (usually ponding) where average depths are 1-3 feet and base flood elevations are determined. <b>There are no AH Zones located within Lincoln’s jurisdiction</b> , however text referring to this zone is included in the zoning regulations for any future case in which such a zone is designated on the FIRM maps for Lincoln.

Old Name	New Name	Description
Zone AO	Zone AO	Areas of 100-year shallow flooding (usually sheet flow) where average depths are 1-3 feet and are shown to the nearest foot. <b>There is only one small area of AO Zone within Lincoln,</b> located in a triangular area at approximately 30th and Huntington, southeast of the railroad tracks (see attached map). <b>The ownership within this area appears to be entirely City of Lincoln and Omaha Lincoln and Beatrice Railroad.</b>
Zone A99	Zone A99	Areas to be protected from the 100-year flood by a federal flood protection system under construction. <b>Lincoln presently has no A99 Zone.</b> However, there may be the potential for an A99 zone to be designated at some time in the future.

4. Map revisions within the City and County that modify the boundaries of the floodplain or floodway are shown on the attached maps and described as follows:
  - a. **Addition of a Floodway along Salt Creek** from approximately 105<sup>th</sup> to 115<sup>th</sup> Streets.
  - b. **Addition of a Floodway along Stevens Creek** for approximately 1/2 mile north of Van Dorn Street. **Addition of a small amount of 100-Year and 500-Year Floodplain** to the western edge of the existing floodplain north of Van Dorn Street.
  - c. **Removal of a portion of the Middle Creek 100-Year Floodplain** east of NW 98<sup>th</sup> St.
  - d. **Addition a Floodway along Salt Creek** from Saltillo Rd. to approximately 1/3 mile south of Rokeby Road (*within Wilderness Park*).

***As stated above, public notice and notice to individual property owners regarding these map revisions was provided in August of last year. No questions, comments, or appeals were received.***

### **Text Revisions**

5. Lincoln’s ordinances are required to reflect the minimum requirements of the NFIP regulations. *These regulations have not changed,* however it became evident upon review of the Zoning and Subdivision Ordinances (in consultation with the State NFIP Coordinator) that not all of the NFIP regulations were clearly reflected in Lincoln’s ordinances.
6. The inclusion of these NFIP regulations is required as a condition of continued eligibility in the National Flood Insurance Program (NFIP), and the revisions are being made in order to re-certify Lincoln’s adoption of floodplain management regulations that meet the minimum federal and state requirements. In spite of any omissions in the language of our local ordinance, Lincoln has been enforcing the NFIP regulations, thus, *these revisions will not change how Lincoln administers the program.*

7. **The following revisions are needed to the Zoning Ordinance to ensure compliance with the NFIP:**

*Revise Chapter 27.55, "Flood Plain District"*

**g** Amend Section 27.55.010, "Scope of Regulations" to:

- adopt revised Flood Insurance Rate Maps (FIRM)
- adopt revised Flood Insurance Study (FIS)
- delete reference to Flood Boundary and Floodway Maps (now obsolete)

**g** Amending Section 27.55.020, "Definitions," to:

- add definition for Flood Insurance Study
- add definition for Historic Structure
- modify definition of Flood Insurance Rate Map
- modify definition of Flood Plain to refer to revised maps and zones
- delete definition of Flood Boundary and Floodway Map

**g** Amend Section 27.55.030, "Standards," to:

- add provisions for Zone AO. There are no base flood elevations provided in Zone AO. Instead, flood depths are provided on the FIRM. Therefore structures must be protected at least one foot above the depth of the flood water identified in that location.
- make various minor revisions to clarify language relating to the minimum standards

**g** Amend Section 27.55.040, "Administration," to:

- add provisions regarding Zone A to clarify that base flood elevation data is required to be submitted for development proposals greater than 5 acres. This requirement is an existing NFIP regulation that has been in practice but was not specifically reflected in Lincoln's Zoning Ordinance.

8. **The following revisions are needed to the Subdivision Ordinance to ensure compliance with the NFIP:**

*Revise Chapter 26.07, "Definitions"*

**g** Add Section 26.070.115, "Flood Insurance Study," to:

- adopt the revised Flood Insurance Study

**g** Amend Section 26.07.120, "Flood Plain" to:

- adopt the revised Flood Insurance Rate Maps and to indicate that they will be on file in the Department of Building and Safety

*Revise Chapter 26.15, "Preliminary Plat" to:*

- amend Section 26.15.040, "Development Within Flood Plain," to add provisions regarding Zone A to clarify that base flood elevation data must be submitted for these zones where no base flood elevations have been determined by FEMA. Presently, the subdivision regulations require "all hydrological and grade information...necessary to determine the frequency and extent that the subdivision is subject to inundation by flood water." *Base (100-year) flood elevations are required as part of this information today.* This text revision simply clarifies that the hydrological information must include base flood elevations even when they are not provided on the FIRM maps.

**STAFF RECOMMENDATION:** Approval of the attached text changes to the Zoning Ordinance and Land Subdivision Ordinance.

Prepared by:

Mike DeKalb, Planning Department with  
Nicole Fleck-Tooze, Public Works & Utilities Dept.

**COUNTY CHANGE OF ZONE NO. 206;  
COUNTY MISCELLANEOUS NO. 01007;  
CHANGE OF ZONE NO. 3331; and  
MISCELLANEOUS NO. 01006**

**PUBLIC HEARING BEFORE PLANNING COMMISSION:**

July 25, 2001

Members present: Krieser, Hunter, Steward, Taylor, Newman, Duvall, Carlson, Schwinn and Bayer.

Planning staff recommendation: Approval.

These applications were removed from the Consent Agenda and had separate public hearing.

Proponents

**1. Nicole Fleck-Tooze of the Public Works Department** submitted the legislative format of the text revisions for the County and City subdivision regulations. These revisions are described in the staff report but the legislative format was inadvertently not attached to the staff report.

There was no testimony in opposition.

Public hearing was closed.

**COUNTY CHANGE OF ZONE NO. 206**

**ADMINISTRATIVE ACTION BY PLANNING COMMISSION:**

July 25, 2001

Steward moved approval, seconded by Krieser and carried 9-0: Krieser, Hunter, Steward, Taylor, Newman, Duvall, Carlson, Schwinn and Bayer voting 'yes'.

**COUNTY MISCELLANEOUS NO. 01007**

**ADMINISTRATIVE ACTION BY PLANNING COMMISSION:**

July 25, 2001

Steward moved approval, seconded by Hunter and carried 9-0: Krieser, Hunter, Steward, Taylor, Newman, Duvall, Carlson, Schwinn and Bayer voting 'yes'.

**CHANGE OF ZONE NO. 3331**

**ADMINISTRATIVE ACTION BY PLANNING COMMISSION:**

July 25, 2001

Steward moved approval, seconded by Schwinn and carried 9-0: Krieser, Hunter, Steward, Taylor, Newman, Duvall, Carlson, Schwinn and Bayer voting 'yes'.

**MISCELLANEOUS NO. 01006**

**ADMINISTRATIVE ACTION BY PLANNING COMMISSION:**

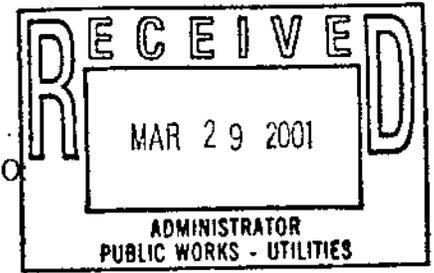
July 25, 2001

Steward moved approval, seconded by Schwinn and carried 9-0: Krieser, Hunter, Steward, Taylor, Newman, Duvall, Carlson, Schwinn and Bayer voting 'yes'.



# Federal Emergency Management Agency

Washington, D.C. 20472



CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

IN REPLY REFER TO  
19P

March 21, 2001

The Honorable Don Wesley  
Mayor, City of Lincoln  
555 South 10th Street  
Lincoln, NE 68508

Community: City of Lincoln, NE  
Community No.: 315273  
Map Panels Affected: See Attached List

Dear Mayor Wesley:

This is to formally notify you of the final flood elevation determination for the City of Lincoln, Lancaster County, Nebraska, in compliance with Title 44, Chapter I, Part 67, Section 67.11, Code of Federal Regulations (CFR). This section requires that notice of final flood elevations shall be sent to the Chief Executive Officer of the community, all individual appellants, and the State Coordinating Agency, and shall be published in the *Federal Register*.

On September 30, 1998, the Federal Emergency Management Agency (FEMA) provided your community with Preliminary copies of the Flood Insurance Study (FIS) report and Flood Insurance Rate Map (FIRM) for Lancaster County, Nebraska and Incorporated Areas for your review and comment. FEMA prepared the updated FIRM directly from the effective FIRMs for your community and other communities in Lancaster County using a process that involves capturing data in a digital (computer-readable) format and plotting map panels using a specialized computer technology. The effective FIRMs identified the Special Flood Hazard Areas (SFHAs) in your community and other communities in Lancaster County. We have incorporated all essential information from the previously effective FIRMs, including elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

During the processing of the updated FIS report and FIRM, we determined that modifications to the Base Flood Elevations (BFEs) for the City of Lincoln, Lancaster County, Nebraska were appropriate. The proposed BFEs for your community were published in the *Lincoln Star Journal* on August 15 and August 22, and in the *Federal Register*, at 65 FR68966, on November 15, 2000.

The statutory 90-day appeal period, which was initiated on the second newspaper publication date cited above, has ended. FEMA did not receive any appeals of the proposed BFEs during that time. Accordingly, the BFEs for your community are considered final. The final rule for BFEs will be published in the *Federal Register* as soon as possible. The FIRM and FIS report for your community will become effective on September 21, 2001. Before the effective date, FEMA will send you final printed copies of the FIRM and FIS report.

Because the FIS establishing the BFEs for your community has been completed, certain additional requirements must be met under Section 1361 of the National Flood Insurance Act of 1968, as amended, within 6 months from the date of this letter. Prior to September 21, 2001, your community is required, as a condition of continued eligibility in the National Flood Insurance Program (NFIP), to adopt or show evidence of adoption of floodplain management regulations that meet the standards of Paragraph 60.3(d) of the enclosed NFIP regulations (44 CFR 59, etc.) by the effective date of the FIRM. These standards are the minimum requirements and do not supersede any State or local requirements of a more stringent nature.

It must be emphasized that all of the standards specified in Paragraph 60.3(d) of the NFIP regulations must be enacted in a legally enforceable document. This includes adoption of the current effective FIS and FIRM to which the regulations apply and other modifications made by this map revision. Some of the standards should already have been enacted by your community in order to establish initial eligibility in the NFIP. Your community can meet any additional requirements by taking one of the following actions:

1. Amending existing regulations to incorporate any additional requirements of Paragraph 60.3(d);
2. Adopting all of the standards of Paragraph 60.3(d) into one new, comprehensive set of regulations;  
or
3. Showing evidence that regulations have previously been adopted that meet or exceed the minimum requirements of Paragraph 60.3(d).

Communities that fail to enact the necessary floodplain management regulations will be suspended from participation in the NFIP and subject to the prohibitions contained in Section 202(a) of the Flood Disaster Protection Act of 1973 (Public Law 93-234) as amended.

In addition to your community using the FIS report and FIRM to manage development in the floodplain, FEMA will use the FIS to establish appropriate flood insurance rates. On the effective date of the revised FIRM, actuarial rates for flood insurance will be charged for all new structures and substantial improvements to existing structures located in the identified SFHAs. These rates may be higher if structures are not built in compliance with the floodplain management standards of the NFIP. The actuarial flood insurance rates increase as the lowest elevations (including basement) of new structures decrease in relation to the BFEs established for your community. This is an important consideration for new construction because building at a higher elevation can greatly reduce the cost of flood insurance.

To assist your community in maintaining the FIRM, we have enclosed a Summary of Map Actions to document previous Letter of Map Change (LOMC) actions (i.e., Letters of Map Amendment, Letters of Map Revision) that will be superseded when the revised FIRM panels referenced above become effective. Information on LOMCs is presented in the following four categories: (1) LOMCs for which results have been included on the revised FIRM panels; (2) LOMCs for which results could not be shown on the revised FIRM panels because of scale limitations or because the LOMC issued had determined that the lots or structures involved were outside the SFHA as shown on the FIRM; (3) LOMCs for which results have not been included on the revised FIRM panels because the flood hazard information on which the original determinations were based are being superseded by new flood hazard information; and (4) LOMCs issued for multiple lots or structures where the determination for one or more of the lots or structures cannot be revalidated through an administrative process like the LOMCs in Category 2 above. LOMCs in Category 2 will be revalidated through a single letter that reaffirms the validity of a previously issued LOMC; the letter will be sent to your community shortly before the effective date of the revised FIRM and will become effective 1 day after the revised FIRM becomes effective. For the LOMCs listed in Category 4, we will review the data previously submitted for the LOMA or LOMR request and issue a new determination for the affected properties after the revised FIRM becomes effective.

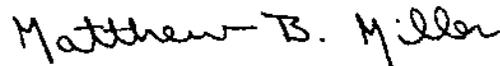
When the FIRM and FIS report are printed and distributed, your community will receive only those panels that present flood hazard information for your community. We will provide complete sets of the FIRM panels to county officials, where they will be available for review by your community.

Once the FIRM and FIS report are printed and distributed, the digital files containing the flood hazard data for the entire county can be provided to your community for use in a computer mapping system. These files can be used in conjunction with other thematic data for floodplain management purposes, insurance purchase and rating requirements, and many other planning applications. Paper copies of the FIRM panels may be obtained by calling our Map Service Center, toll free, at 1-800-358-9616. Copies of the digital files may be obtained by calling our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627). In addition, your community may be eligible for additional credits under our Community Rating System if you implement your activities using digital mapping files.

FEMA makes flood insurance available in participating communities; in addition, we encourage communities to develop their own loss reduction and prevention programs. Through the *Project Impact: Building Disaster Resistant Communities* initiative, launched by FEMA in 1997, we seek to focus the energy of businesses, citizens, and communities in the United States on the importance of reducing their susceptibility to the impact of all natural disasters, including floods, hurricanes, severe storms, earthquakes, and wildfires. Natural hazard mitigation is most effective when it is planned for and implemented at the local level, by the entities who are most knowledgeable of local conditions and whose economic stability and safety are at stake. For your information, we are enclosing a copy of a pamphlet describing this nationwide initiative. For additional information on *Project Impact*, please visit our website at [www.fema.gov/impact](http://www.fema.gov/impact).

If your community is encountering difficulties in enacting the necessary floodplain management measures, we urge you to call the Director, Mitigation Division of FEMA in Kansas City, Missouri, at (816) 283-7002, for assistance. If you have any questions concerning mapping issues in general or the enclosed Summary of Map Actions, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,



Matthew B. Miller, P. E., Chief  
Hazards Study Branch  
Mitigation Directorate

List of Enclosures:

“National Flood Insurance Program Elevation Certificate and Instructions”  
 “Frequently Asked Questions Regarding the Effect That Revised Flood Hazards Have on Existing Structures”  
 “Lowest Floor Elevation Certifications for Flood Insurance Post Flood Insurance Rate Map Construction”  
 “Use of Flood Insurance Study (FIS) Data as Available Data”  
 “National Flood Insurance Program Regulations”  
 “Project Impact: Building A Disaster Resistant Community”  
 Final Summary of Map Actions

cc: Community Map Repository

Mr. Dale Stertz  
Plans Examiner  
City of Lincoln



**Change of Zone #3331, Miscellaneous #01006**  
**Map Showing Only AO Zone Within Lincoln**  
*(White line represents boundary of AO Zone)*

013

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED



August 17, 2000

United Lely Investments  
8825 Tamaimi Trail  
Naples, FL 33962

**RE: Proposed Revisions to FEMA Floodplain Maps**

Dear Property Owner:

This letter is to inform you that the Federal Emergency Management Agency (FEMA) is proposing revisions to the Flood Insurance Study and the Flood Insurance Rate Map. One of these revisions, a **new Floodway along a portion of Salt Creek**, appears to affect your property and is shown on the attached map.

Preliminary maps reflecting the proposed revisions are available for review at the Building and Safety Department, located at 555 South 10<sup>th</sup> Street, in the second floor of the County/City Building. ***If you have any questions regarding the proposed revisions, please contact the Building and Safety Department at 441-6449.***

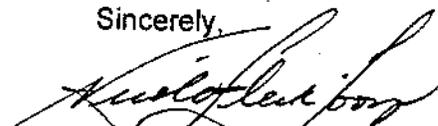
Please note that if the proposed revisions are finalized, there are special regulations that apply to the Floodway, found in Chapter 27.55 of the Lincoln Zoning Ordinance and Article 11 of the County Zoning Regulations, which limit the uses in these areas and prohibit construction, fill and other activities that would result in an increase in the 100-year flood elevation. An explanation of these regulations can be provided by the Building and Safety Department.

FEMA has indicated that notification of the proposed map revisions will appear in the Lincoln Journal Star on August 22, 2000. There will be a 90-day appeal period following this publication. The basis for all appeals must be information indicating revisions are scientifically or technically incorrect, and the appeal period cannot be extended. Any owner or lessee whose property will be affected should appeal directly to the City or County, who will forward copies of appeal data from individuals to FEMA as they are received.

Written appeals concerning the County should be sent to:  
The Honorable Kathy Campbell  
Chair, Lancaster County Board of Commissioners  
555 South 10<sup>th</sup> Street  
Lincoln, NE 68508

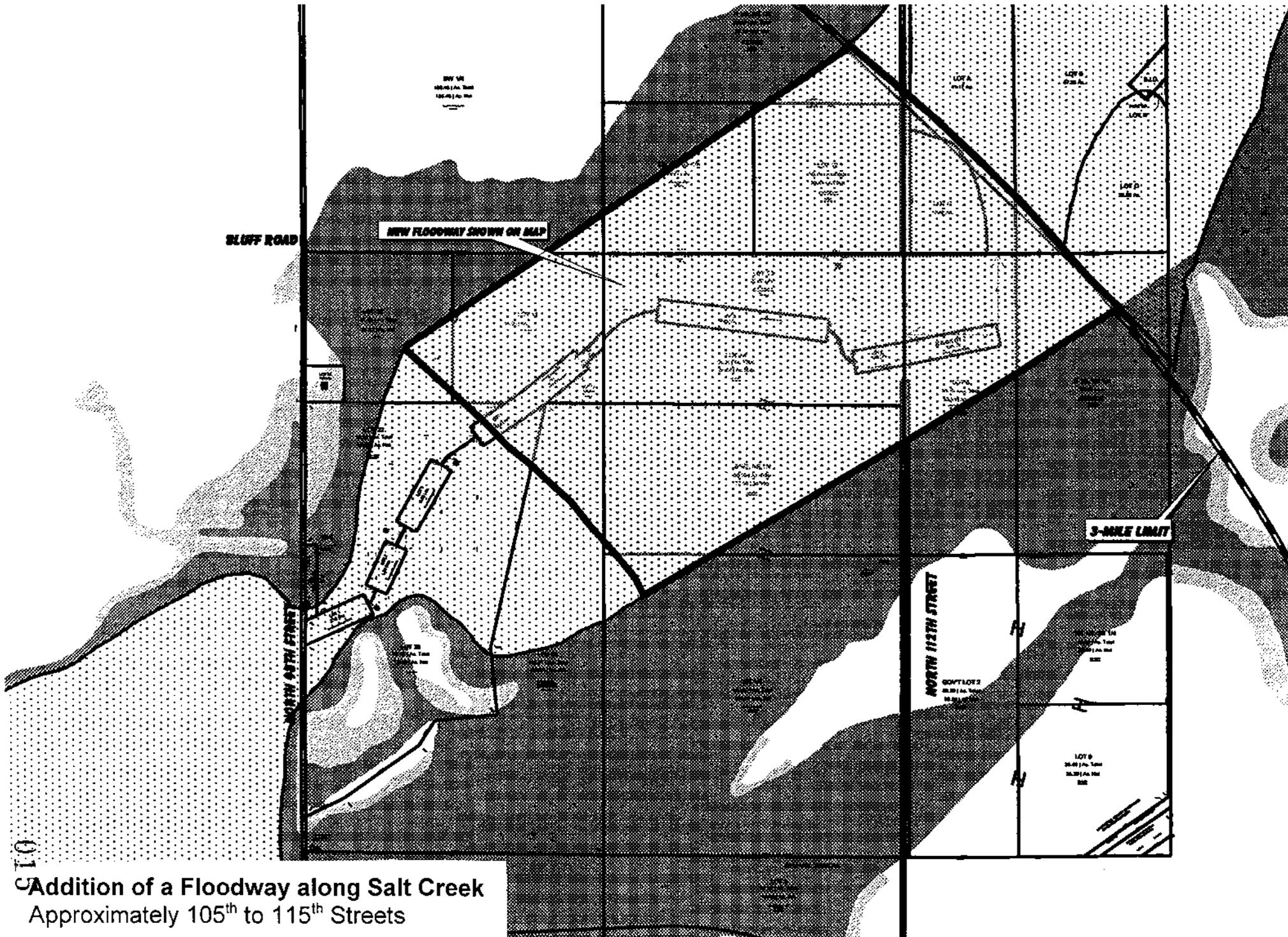
Written appeals concerning the City should be sent to:  
The Honorable Don Wesely  
Mayor, City of Lincoln  
555 South 10<sup>th</sup> Street  
Lincoln, NE 68508

Sincerely,

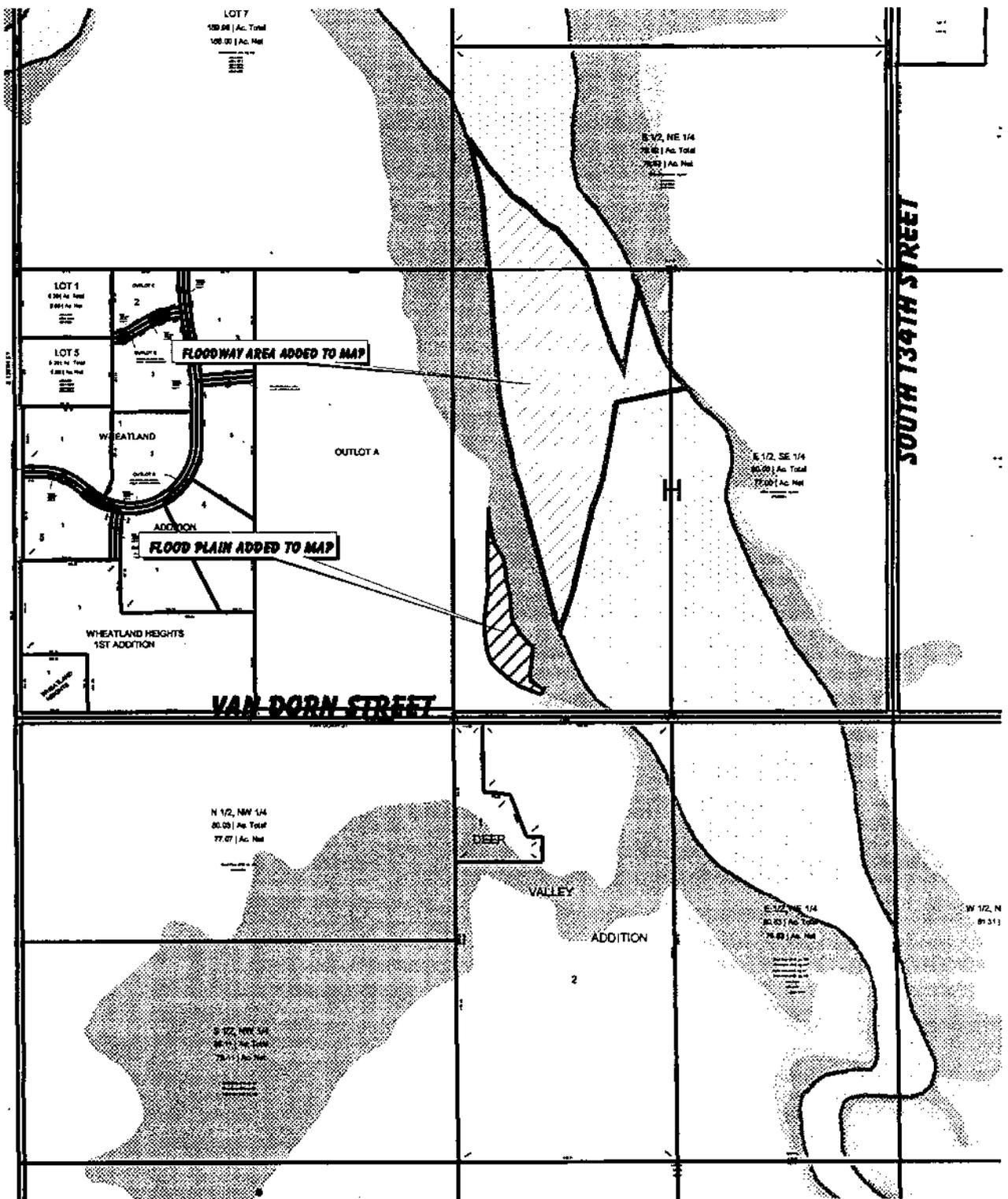
  
Nicole Fleck-Tooze  
Planner

014

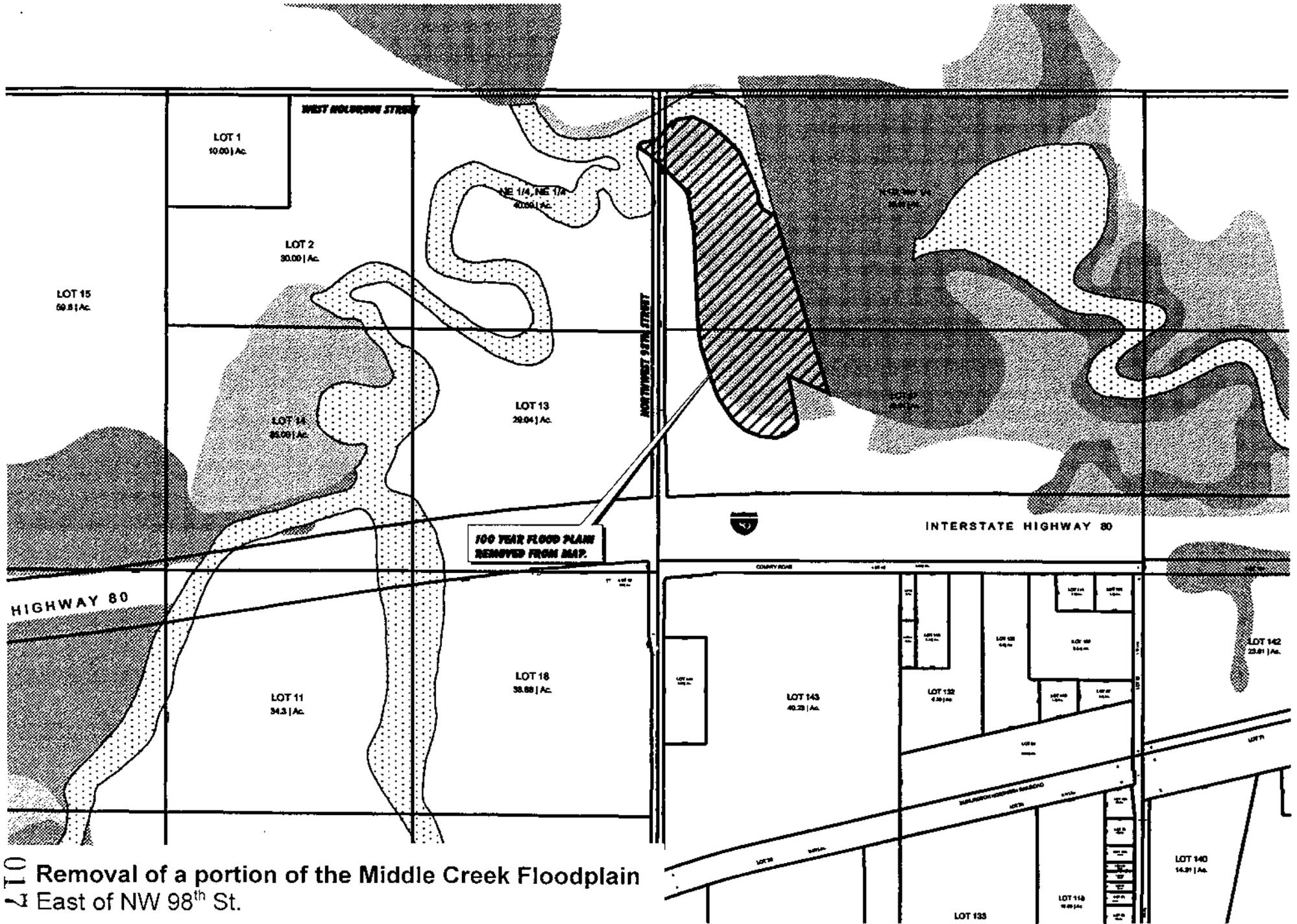




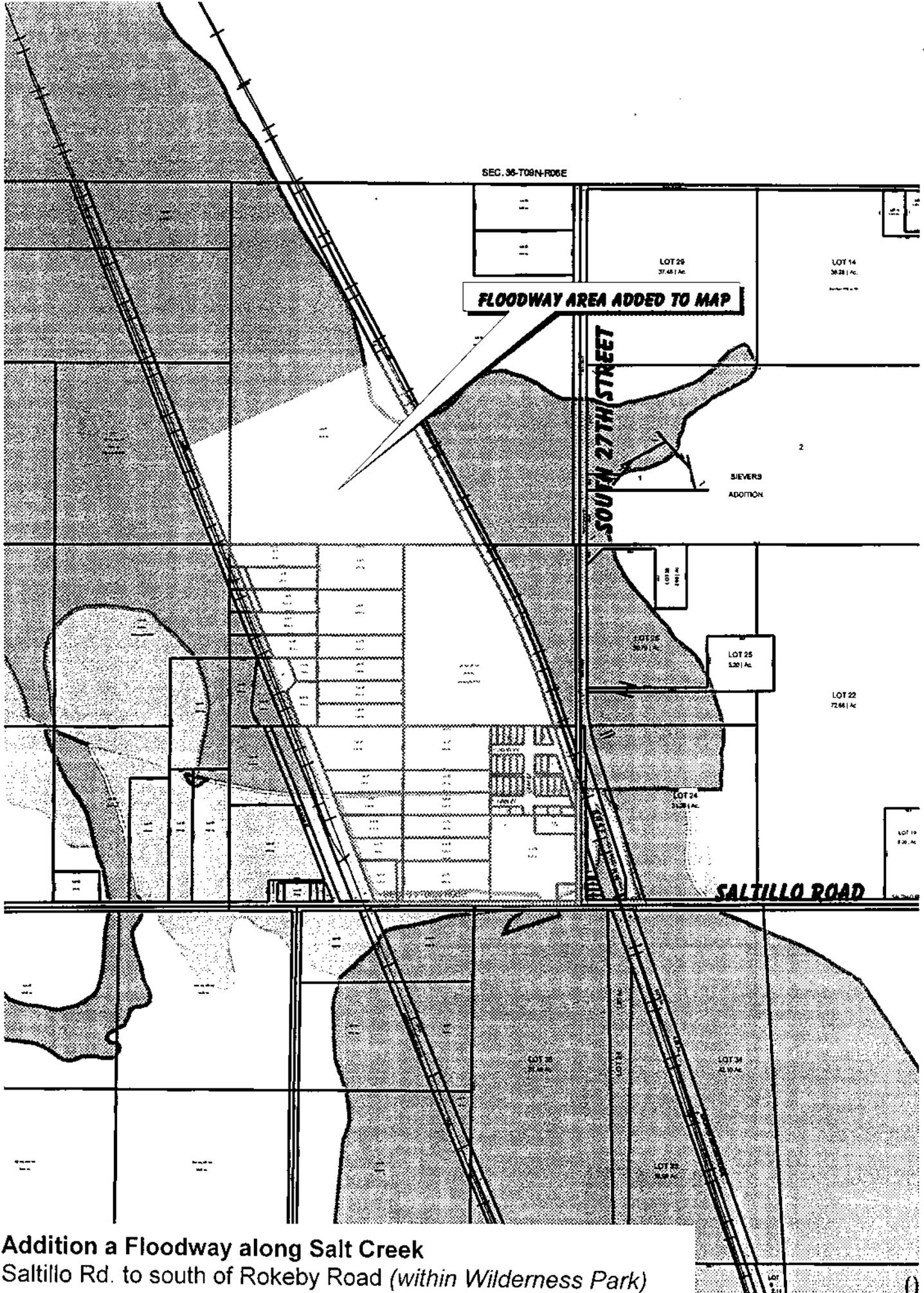
10  
 Addition of a Floodway along Salt Creek  
 Approximately 105<sup>th</sup> to 115<sup>th</sup> Streets



Addition of a Floodway/Floodplain along Stevens Creek  
North of Van Dorn Street



410 Removal of a portion of the Middle Creek Floodplain  
East of NW 98<sup>th</sup> St.



**Addition a Floodway along Salt Creek**  
 Saltillo Rd. to south of Rokeby Road (within Wilderness Park)

## ORDINANCE NO. \_\_\_\_\_

1 AN ORDINANCE amending Chapter 27.55 of the Lincoln Municipal Code,  
 2 Flood Plain District, by amending Section 27.55.010 to adopt FEMA's September 21, 2001  
 3 Flood Insurance Rate Map and FEMA's Flood Insurance Study for Lancaster County, Nebraska  
 4 and Incorporated Areas as part of Chapter 27.55; by amending Section 27.55.020 to delete  
 5 the definition for "Flood boundary and floodway map (FBFM)", to add definitions for "Flood  
 6 Insurance Study" and "historic structure", to amend the definition of " Flood Insurance Rate  
 7 Map" to refer to the September 21, 2001 map, and to amend the definition of "flood plain"  
 8 to base the designated flood plain on the September 21, 2001 Flood Insurance Rate Map;  
 9 amending Section 27.55.030 to add general standards for construction in the AO zone and  
 10 to make other revisions to clarify language relating to the general standards; amending Section  
 11 27.55.040 to add administrative provisions for the issuance of a development permit in Zone  
 12 A and to make other revisions to clarify the administration of development within the flood  
 13 plain; and repealing Sections 27.55.010, 27.55.020, 27.55.030, and 27.55.040 of the Lincoln  
 14 Municipal Code as hitherto existing.

15 BE IT ORDAINED by the City Council of the City of Lincoln, Nebraska:

16 Section 1. That Section 27.55.010 of the Lincoln Municipal Code be amended  
 17 to read as follows:

18 **27.55.010 Scope of Regulations.**

19 The regulations set forth in this chapter, or set forth elsewhere in this title when referred  
 20 to in this chapter, are known as the flood plain ordinance. The ordinance shall apply to all

1 lands in the flood plain that are subject to a one percent or greater chance of flooding in any  
2 given year, as designated by the Federal Emergency Management Agency (FEMA). The  
3 September 21, 2001 official Flood Insurance Rate Map (FIRM) and Flood Insurance Study  
4 (FIS) for Lancaster County, Nebraska and Incorporated Areas ~~flood boundary and floodway~~  
5 ~~map (FBFM)~~ and any revisions thereto are hereby adopted by reference and declared to be a  
6 part of this ordinance.

7 Section 2. That Section 27.55.020 of the Lincoln Municipal Code be amended  
8 to read as follows:

9 **27.55.020 Definitions.**

10 For the purpose of this chapter, the following words shall have the following meanings:

11 **Base Flood** shall mean the flood having a one percent chance of being equaled or  
12 exceeded in any given year.

13 **Basement** shall mean any enclosed area having its floor below grade level on all sides.

14 **Development** shall mean any man-made change to improved or unimproved real  
15 estate, including but not limited to, buildings or other structures, mining, dredging, filling,  
16 grading, paving, excavation or drilling operations, or storage of equipment or materials.

17 **Existing manufactured home park or subdivision** shall mean a manufactured home  
18 park or subdivision for which the construction of facilities for servicing the lots on which the  
19 manufactured homes are to be affixed (including, at a minimum, the installation of utilities,  
20 the construction of streets, and either final site grading or the pouring of concrete pads) is  
21 completed before the effective date of this ordinance.

1           **Expansion to an existing manufactured home park or subdivision** shall mean the  
2 preparation of additional sites by the construction of facilities for serving the lots on which the  
3 manufactured homes are to be affixed (including the installation of utilities, the construction  
4 of streets, and either final site grading or the pouring of concrete pads).

5           **Flood Insurance Study (FIS)** shall mean the Flood Insurance Study for Lancaster County,  
6 Nebraska and Incorporated Areas published by FEMA in conjunction with the FIRM and  
7 containing background data such as base flood discharges and water surface elevations used  
8 to prepare the FIRM.

9           **~~Flood Insurance Rate Map (FIRM)~~** shall mean ~~an official map of a community the~~  
10 ~~September 21, 2001 Flood Insurance Rate Map and any revisions thereto,~~ on which FEMA has  
11 delineated both the areas of special flood hazards and the risk premium zones applicable to  
12 the community.

13           ~~**Flood boundary and floodway map (FBFM)** shall mean an official map of a community,~~  
14 ~~on which FEMA has delineated the areas of 100-year flood and regulatory floodways. The~~  
15 ~~map provides a technical basis for regulatory purposes.~~

16           **Flood plain** shall mean those lands which are subject to a one percent or greater  
17 chance of flooding in any given year. The designated flood plain for this chapter shall be  
18 based on the areas of 100-year flood, or areas of special flood hazards, as shown on the  
19 ~~official Flood Insurance Rate Map or flood boundary and floodway map~~ issued by FEMA  
20 and shall include Special Flood Hazard Areas, zones A, AE, AH, AO, A99 and Floodways  
21 ~~zone A, zones A-1 through A-30, and floodway.~~

1           **Floodproofing** shall mean any combination of structural and nonstructural additions,  
2 changes, or adjustments to structures which reduce or eliminate flood damage to real estate  
3 or improved real property, water and sanitary facilities, structures and their contents.

4           **Floodway** shall mean the channel of a river or other watercourses and the adjacent land  
5 areas that must be reserved in order to discharge the base flood without cumulatively  
6 increasing the water surface elevation more than one foot.

7           **Historic structure** shall mean any structure that is: (a) Listed individually in the  
8 National Register of Historic Places (a listing maintained by the Department of the Interior) or  
9 preliminarily determined by the Secretary of the Interior as meeting the requirements for  
10 individual listing on the National Register; (b) certified or preliminarily determined by the City  
11 of Lincoln, a Certified Local Government (CLG), in consultation with the Nebraska State  
12 Historic Preservation Officer (SHPO), as contributing to the historical significance of a locally  
13 or nationally designated historic district; (c) Individually designated as a Landmark by the City  
14 of Lincoln, a CLG, under the provisions of Chapter 27.57 of the Lincoln Municipal Code.

15           **Lowest floor** shall mean the lowest floor of the lowest enclosed area (including  
16 basement). An unfinished or flood-resistant enclosure, usable solely for parking of vehicles or  
17 building access, in an area other than a basement area is not considered a building's lowest  
18 floor; provided that such enclosure is not built so as to render the structure in violation of the  
19 applicable non-elevation design requirements of this ordinance.

20           **Manufactured home** shall mean, for purposes of this chapter, a structure, transportable  
21 in one or more sections, which is built on a permanent chassis and is designed for use with

1 or without a permanent foundation when attached to the required utilities. The term  
2 "manufactured home" shall not include a "recreational vehicle."

3 **Manufactured home park or subdivision** shall mean a parcel (or contiguous parcels)  
4 of land divided into two or more manufactured home lots for rent or sale.

5 **NAVD** shall mean the North American Vertical Datum of 1988.

6 **New construction** shall mean structures for which the start of construction commenced  
7 on or after the effective date of this ordinance and shall include any subsequent improvements  
8 to such structures.

9 **New manufactured home park or subdivision** shall mean a manufactured home park  
10 or subdivision for which the construction of facilities for servicing the lots on which the  
11 manufactured homes are to be affixed (including at a minimum, the installation of utilities, the  
12 construction of streets, and either final site grading or the pouring of concrete pads) is  
13 completed on or after the effective date of this ordinance.

14 **Qualified engineer** shall mean a registered professional engineer who, by reason of  
15 training and experience, is considered knowledgeable in hydrology and hydraulics and their  
16 application to the flood insurance study and has demonstrated competence to the satisfaction  
17 of the Director of Building and Safety.

18 **Recreational vehicle** shall mean a vehicle which is:

- 19 (1) built on a single chassis;  
20 (2) 400 square feet or less when measured at the largest horizontal  
21 projections;

1 (3) designed to be self-propelled or permanently towable by a light duty  
2 truck; and

3 (4) designed primarily not for use as a permanent dwelling but as temporary  
4 living quarters for recreational, camping, travel, or seasonal use.

5 **Riverine** shall mean relating to, formed by, or resembling a river (including tributaries,  
6 streams, brooks, etc.).

7 **Start of construction** shall mean either the first placement of permanent construction  
8 of a structure on a site, such as the pouring of slabs or footings, the installation of piles, the  
9 construction of columns, or any work beyond the stage of excavation, or the placement of a  
10 manufactured home on a foundation. Permanent construction does not include land  
11 preparation, such as clearing, grading, and filling; nor does it include the installation of streets  
12 and/or walkways; nor does it include excavation for a basement, footings, piers or foundations  
13 or the erection of temporary forms; nor does it include the installation on the property of  
14 accessory buildings, such as garages or sheds not occupied as dwelling units or not as part of  
15 the main structure. For a substantial improvement, the actual start of construction shall mean  
16 the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or  
17 not that alteration affects the external dimension of the building.

18 **Structure** shall mean, for flood plain management purposes, a walled and roofed  
19 building, including a gas or liquid storage tank, that is principally above ground, as well as a  
20 manufactured home.

1           **Substantial damage** shall mean damage of any origin sustained by a structure whereby  
2 the cost of restoring the structure to its before damaged condition would equal to or exceed  
3 fifty percent of the market value of the structure before the damage occurred.

4           **Substantial improvement** shall mean any reconstruction, rehabilitation, addition, or  
5 other improvement of a structure, the cost of which equals or exceeds fifty percent of the  
6 market value of the structure before the start of construction of the improvement. Substantial  
7 improvement shall include structures which have incurred substantial damage, regardless of  
8 the actual repair work performed. The term shall not, however, include either (i) any project  
9 for improvement of a structure to correct existing violations of state or local health, sanitary,  
10 or safety code specifications which have been identified by the local code enforcement official  
11 and which are the minimum necessary to assure safe living conditions, or (ii) any alteration  
12 of a historic structure, provided that the alteration will not preclude the structure's continued  
13 designation of a historic structure.

14           Section 3. That Section 27.55.030 of the Lincoln Municipal Code be amended  
15 to read as follows:

16           **27.55.030 Standards.**

17           The following shall be the standards to be followed in connection with the Flood Plain  
18 District:

19           (a)    **General Standards:**

20           (1)    Until a floodway has been designated, no development or substantial  
21 improvement may be permitted within the flood plain unless the applicant has demonstrated  
22 that the proposed development or substantial improvement, when combined with all other

1 existing and reasonably anticipated developments or substantial improvements, will not  
2 increase the water surface elevation of the 100-year flood more than one foot at any location.

3 (2) Roadway bridges, and other drainage facilities, may have their  
4 superstructure submerged or partially submerged below the base flood level, provided that the  
5 facility has been designed to resist the hydrostatic and hydrodynamic loads as well as the  
6 effects of the buoyancy as certified by a registered professional engineer.

7 (3) Within the designated flood plain, all new construction and substantial  
8 improvements shall be anchored to prevent flotation, collapse, or lateral movement of the  
9 structure resulting from hydrodynamic and hydrostatic loads including the effects of buoyancy;  
10 constructed with materials and utility equipment resistant to flood damage; and constructed  
11 by methods and practices that minimize flood damage. Electrical, heating, ventilation,  
12 plumbing, and air-conditioning equipment and other service facilities shall be elevated at least  
13 one foot above the base flood elevation or designed so as to prevent water from entering or  
14 accumulating within the components during conditions of flooding. A registered professional  
15 engineer or architect shall certify that these provisions are satisfied.

16 (4) The location, grade, and floodproofing of all new and replacement water  
17 and sanitary sewer systems which are to be extended into or through any portion of the flood  
18 plain to serve the proposed development shall first be approved by the city prior to the  
19 extension of such utilities into the flood plain area.

20 (5) New ~~and~~ or replacement water supply systems and community sanitary  
21 ~~sewage systems and individual sewage disposal systems~~ shall be designed to minimize or  
22 eliminate infiltration of flood waters into the systems and discharges from the systems into

1 flood waters. Individual disposal systems shall be designed in accordance with the standards  
2 set forth in Chapter 24.38 of the Lincoln Municipal Code.

3 (6) On-site waste disposal systems shall be located to avoid impairment to  
4 them or contamination from them during flooding.

5 (7) The storage or processing of materials that are in time of flooding buoy-  
6 ant, flammable, explosive, or could be injurious to human, animal, or plant life is prohibited.

7 (8) Storage of other material or equipment may be allowed if not subject to  
8 major damage by floods and firmly anchored to prevent flotation or if readily removable from  
9 the area within the time available after the issuance of flood warning by appropriate  
10 authorities.

11 (9) Filling, grading, and excavation may be allowed in the designated flood  
12 plain under the following conditions:

13 (i) Fill shall be protected against erosion and sediment by such measures  
14 as rip-rap, vegetative cover, bulkheading, or sedimentation basins as approved by the Director  
15 of Building and Safety.

16 (ii) Any fill to be deposited in the flood plain must be shown by the  
17 applicant not to be a detriment to the general public as well as the surrounding land owners.

18 (iii) Fill materials shall be of a selected type, preferably clean dirt, gravel,  
19 or rock no greater than two inches in diameter. The use of decomposing materials, such as  
20 wood and other degradables, shall be prohibited. Fill shall be placed in six inch compacted  
21 layers. Fill selection and placement shall recognize the effects of saturation from flood waters  
22 on slope stability, uniform and differential settlement, and scour potentials.

1 (iv) Prior to placement of any fill or embankment materials, the area  
2 upon which fill is to be placed shall be cleared of debris, snags, stumps, brush, down timber,  
3 logs, and other objects. All materials and debris from this clearing shall be removed from the  
4 proposed fill and disposed of at approved locations outside the flood plain.

5 (v) Fill slopes for granular materials shall be no steeper than one  
6 vertical on two horizontal unless substantiating data justifying steeper slopes are submitted to  
7 the Director of Building and Safety and approved.

8 (vi) Excavation in the flood plain shall be done so that the land surface  
9 is maintained in such a manner that surface waters do not collect and pond unless specifically  
10 approved by the Director of Building and Safety.

11 (b) Residential Construction. All new construction and substantial improvements  
12 of residential structures within the designated flood plain shall have the lowest floor, including  
13 basement, elevated at least one foot above the base flood level. Garages and storage buildings  
14 used exclusively for the storage of motor vehicles, and storage of other items readily re-  
15 movable in the event of a flood warning may have their lowest floor below flood elevation,  
16 provided the building structure is capable of withstanding hydrostatic and hydrodynamic  
17 forces caused by the 100-year flood and, further, provided that no utilities are installed in the  
18 building except elevated or floodproofed electrical fixtures. If the building is converted to  
19 another use, it must be brought into full compliance with the requirements of this title  
20 governing such uses.

21 (c) Nonresidential Construction. All new construction and substantial improve-  
22 ments of commercial, industrial, and other nonresidential structures within the designated

1 flood plain shall either have the lowest floor, including basement, elevated at least one foot  
2 above the base flood level or, together with attendant utility and sanitary facilities, be  
3 floodproofed so that below the base flood level plus one foot the structure is watertight in ac-  
4 cordance with the performance standards set forth in the city's building code. A registered  
5 professional engineer or architect shall develop or review structural design, specifications, and  
6 plans for the construction, and shall certify that the design and methods of construction meet  
7 the watertight performance standards. The certification shall be provided to the city as set  
8 forth in Section 27.55.040 of this chapter.

9 (d) For all new construction and substantial improvements, fully enclosed areas  
10 below the lowest floor that are usable solely for parking or vehicles, building access or storage  
11 in an area other than a basement and which are subject to flooding shall be designed to  
12 automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and  
13 exit of floodwaters. Designs for meeting this requirement must either be certified by a  
14 registered professional engineer or architect or must meet or exceed the following minimum  
15 criteria:

16 (1) A minimum of two openings having a total net area of not less than one  
17 square inch for every square foot of enclosed area subject to flooding shall be provided;

18 (2) The bottom of all openings shall be no higher than one foot above grade;  
19 and

20 (3) Openings may be equipped with screens, louvers, or other coverings or  
21 devices; provided, that they permit the automatic entry and exit of floodwaters.

1 (e) Manufactured Home Parks and Subdivisions. All manufactured homes shall be  
2 located in a manufactured home park or a manufactured home subdivision in accordance with  
3 Sections 27.63.120 and 27.63.125 of this title. No manufactured home shall be located in a  
4 manufactured home park or subdivision within the designated flood plain unless the following  
5 conditions are met:

6 (1) New manufactured home parks and subdivisions; expansions; substantial  
7 damage. Manufactured homes placed (i) on individual lots in within or outside of new manu-  
8 factured home parks or subdivisions, (ii) on individual lots within an expanded area of an  
9 existing manufactured home park or subdivision, or (iii) in an existing manufactured home  
10 park or subdivision in which a manufactured home has incurred substantial damage as the  
11 result of a flood, shall be elevated on a permanent foundation such that their lowest floor is  
12 at least one foot above the base flood elevation and be securely anchored to an adequately  
13 anchored foundation system in accordance with the standards to resist floatation, collapse, and  
14 lateral movement set forth in subsection (f) below;

15 (2) Existing manufactured home parks and subdivisions. Manufactured  
16 homes to be placed or substantially improved on individual lots in existing manufactured  
17 home parks or subdivisions, shall either (i) be elevated on a permanent foundation such that  
18 their lowest floor is at least one foot above the base flood elevation or (ii) be supported by  
19 reinforced piers or other foundation elements of at least equivalent strength that are no less  
20 than three feet in height above grade and be securely anchored to an adequately anchored  
21 foundation system in accordance with the standards to resist floatation, collapse, and lateral  
22 movement set forth in subsection (f) below.

1                   If the option provided by (ii) above is exercised, the current owner and  
2 occupant, and any future buyer, renter, or occupier shall jointly acknowledge in writing that  
3 the option of piers as an alternative to placement of the manufactured home one foot above  
4 the base flood elevation has been exercised and, therefore, may be subject to flooding. Such  
5 acknowledgment shall be filed with the Director of Building and Safety prior to the issuance  
6 of hook-up permits to the subject home.

7                   (3) Adequate surface drainage and access for a hauler are provided;

8                   (4) Where manufactured homes are elevated on pilings, lots shall be large  
9 enough to permit steps, piling foundations shall be placed in stable soil no more than ten feet  
10 apart, and reinforcement shall be provided for pilings more than six feet above the ground  
11 level; and

12                  (5) The grade of land for manufactured home parks or subdivisions which  
13 are situated within the designated flood plain shall be raised at least one foot above the base  
14 flood elevation.

15                  (f) Manufactured Homes Located Outside of a Manufactured Home Park or Sub-  
16 division. Manufactured homes located outside of a manufactured home park or subdivision  
17 shall be elevated at least one foot above the base flood elevation or anchored to the elevated  
18 foundation to resist flotation, collapse, or lateral movement. Methods of anchoring may  
19 include, but are not limited to, use of over-the-top and frame ties to ground anchors;

20                  (1) If over-the-top ties are used, such ties shall be provided at each of the  
21 four corners of the manufactured home, with two additional ties per side at intermediate

1 locations except that manufactured homes less than fifty feet in length may provide only one  
2 additional tie per side;

3 (2) Frame ties shall be provided at each corner of the manufactured home  
4 with five additional ties per side at intermediate points' except that manufactured homes less  
5 than fifty feet in length may provide only four additional ties per side;

6 (3) All components of the anchoring system shall be capable of carrying a  
7 force of 4,800 pounds; and

8 (4) Any additions to the manufactured home shall be similarly anchored.

9 (g) Recreational Vehicles:

10 (1) Shall be on the site for fewer than 180 consecutive days;

11 (2) Shall be fully licensed and ready for highway use (on its wheels or  
12 jacking system, is attached to the site only by quick disconnect type utilities and security  
13 devices, and has no permanently attached additions); or

14 (3) Meet the requirements for manufactured homes.

15 (h) Floodways.

16 (1) Encroachments into the floodway are prohibited, including fill, new  
17 construction, substantial improvements, and other development within the floodway unless  
18 certification by a qualified engineer is provided, demonstrating that the proposed en-  
19 croachment will not result in any increase in flood levels during occurrence of the base flood  
20 discharge.

21 An exception to the above shall be permitted provided the applicant has  
22 acquired by land rights purchase, flowage easement, or other legal arrangement the right to

1 increase the flood levels on all affected lands, and provided that before any permit is issued  
2 the applicant submits a Federal Emergency Management Agency (FEMA) approved Conditional  
3 Letter of Map Revision to the Director of Building and Safety. When such encroachment is  
4 completed, a FEMA approved Letter of Map Revision must also be provided by the applicant.

5 (2) If the above provision is satisfied, all new construction and substantial  
6 improvements shall comply with all other applicable provisions contained in Section  
7 27.55.030.

8 (3) The placement of any manufactured home parks and manufactured home  
9 subdivisions and the construction of new structures for human habitation within the floodway  
10 is prohibited.

11 (i) AO Zones. Designated AO zones within the flood plain have special flood  
12 hazards associated with base flood depths of one to three feet where a clearly defined  
13 channel does not exist and where the path of flooding is unpredictable and indeterminate;  
14 therefore, the following provisions apply within AO zones:

15 (1) All new construction and substantial improvements of residential  
16 structures shall have the lowest floor (including basement) elevated above the highest  
17 adjacent grade at least as high as one foot above the depth number specified in feet on the  
18 FIRM (at least two feet if no depth number is specified).

19 (2) All new construction and substantial improvements of non-residential  
20 structures shall:

1                    (i) Have the lowest floor elevated above the highest adjacent grade at  
2 least as high as one foot above the depth number specified in feet on the community's FIRM  
3 (at least two feet if no depth number is specified), or

4                    (ii) Together with attendant utility and sanitary facilities be completely  
5 floodproofed to or above that level so that any space below that level is watertight with walls  
6 substantially impermeable to the passage of water and with structural components having the  
7 capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. Such  
8 certification shall be provided to the official as set forth in Section 27.55.040(d).

9                    (3)    Adequate drainage paths around structures on slopes shall be required  
10 in order to guide floodwaters around and away from proposed structures.

11                    Section 4. That Section 27.55.040 of the Lincoln Municipal Code be amended  
12 to read as follows:

13    **27.55.040    Administration.**

14                    A development permit shall be required in conformance with the provisions of this  
15 chapter. All new construction of residential and nonresidential structures or ~~land~~ other  
16 development, including the placement of manufactured homes, within the designated flood  
17 plain shall hereafter be in full compliance with the terms of this chapter and other applicable  
18 regulations. All existing residential and nonresidential structures that are not in compliance  
19 with the terms of this chapter shall be required to conform to these terms before substantial  
20 improvements can be made. It shall be the duty of the Director of Building and Safety to  
21 enforce this chapter. His duties shall include, but not be limited to:

1 (a) Review all development permits to assure that the permit requirements for this  
2 chapter have been satisfied;

3 (b) Review proposed development to assure that all necessary permits have been  
4 obtained from those agencies from which prior approval is required by federal or state law,  
5 including Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33  
6 U.S.C. 1334;

7 (c) Notify affected adjacent communities and the Nebraska Department of Natural  
8 Resources Commission in riverine situations prior to any alteration or relocation of a  
9 watercourse, and submit copies of such notifications to FEMA, and assure that the flood-  
10 carrying capacity within the altered or relocated portion of any watercourse is maintained;

11 (d) Require a registered professional engineer or surveyor to verify the actual  
12 elevation in NAVD 1988 of the lowest floor, including basement, of all new or substantially  
13 improved structures and to which the new or substantially improved structures have been  
14 floodproofed. The certification of the lowest floor shall be submitted to the Director of  
15 Building and Safety at the point of construction when the lowest floor elevation may be  
16 established and prior to the erection of the walls of any buildings. Such information shall be  
17 recorded and maintained by the Director of Building and Safety. Notwithstanding the above,  
18 documents submitted before March 1, 2000 may be submitted in either city datum or NAVD  
19 1988;

20 (e) Where floodproofing is utilized for a particular structure, obtain certification  
21 from a registered professional engineer or architect that the floodproofing methods are  
22 adequate in accordance with appropriate provisions of the city's building code;

1 (f) Where interpretation is needed as to the exact location of boundaries of the  
2 designated flood plain; for example, where there appears to be a conflict between a mapped  
3 boundary and actual field conditions, obtain the necessary interpretation from appropriate city  
4 engineering staff of the Department of Public Works and Utilities;

5 (g) When base flood elevation data have not been provided on the official map,  
6 obtain, review, and reasonably utilize any base flood elevation and floodway data available  
7 from a federal, state, or other source, as criteria for requiring that new construction, substantial  
8 improvements, or other developments in the flood plain meet the standards of this chapter;

9 (h) In Zone A (no base flood elevations determined), require that proposed  
10 developments (including proposals for manufactured home parks) greater than five acres  
11 include within such proposals base flood elevation data, except that this shall not apply  
12 where the use of the property is not being changed and where there are no physical changes  
13 on the site which have the potential to increase the flood hazard.

14 Section 5. That Sections 27.55.010, 27.55.020, 27.55.030, and 27.55.040 of  
15 the Lincoln Municipal Code as hitherto existing be and the same are hereby repealed.

16 Section 6. That this ordinance shall take effect and be in force from and after  
17 its passage and publication according to law.

Introduced by:

Approved as to Form & Legality:

\_\_\_\_\_  
City Attorney

Staff Review Completed:

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Administrative Assistant

Approved this \_\_\_ day of \_\_\_\_\_, 2001:  
\_\_\_\_\_  
Mayor