Federal Emergency Management Agency

Washington, D.C. 20472

December 17, 2013

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Chris Beutler
Mayor, City of Lincoln
555 South 10th Street, Suite 301
Lincoln, NE 68508

IN REPLY REFER TO:
Case No.: 13-07-2463P
Follows Conditional Case No.: 11-07-3266R
Community Name: City of Lincoln, NE
Community No.: 315273
Effective Date of
This Revision: **May 5, 2014**

Dear Mayor Beutler:

The Flood Insurance Study report and Flood Insurance Rate Map for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Kansas City, Missouri, at (816) 283-7002, or the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

Sincerely,

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: Mr. Terry Kathe
Zoning Coordinator
City of Lincoln

Ms. Tamara J. Lorenzen, P.E.
CDM Smith

Follows Conditional Case No.: 11-07-3266R

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Lincoln Lancaster County Nebraska	BRIDGE CHANNELIZATION FILL DROP STRUCTURE	HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 315273		
IDENTIFIER	Beal Slough Flood Reduction Project	APPROXIMATE LATITUDE & LONGITUDE: 40.768, -96.700 SOURCE: USGS QUADRANGLE DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO.: 31109C0315F DATE: February 18, 2011	DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: April 16, 2013 PROFILE(S): 12P FLOODWAY DATA TABLE: 6

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map; ** FBFM - Flood Boundary and Floodway Map; *** FHBM - Flood Hazard Boundary Map

FLOODING SOURCE(S) & REVISED REACH(ES)

Beal Slough - from approximately 930 feet upstream of Pioneers Boulevard to approximately 100 feet upstream of the railroad

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Beal Slough	Zone AE	Zone AE	NONE	YES
	BFEs*	BFEs	YES	YES
	Floodway	Floodway	NONE	YES
	Zone X (shaded)	Zone X (shaded)	YES	NONE

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Luis Rodriguez, P.E., Chief
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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the base (1-percent-annual-chance) flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

This revision has met our criteria for removing an area from the base floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base Flood Elevation.

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Robert G. Bissell
Director, Mitigation Division
Federal Emergency Management Agency, Region VII
9221 Ward Parkway, Suite 300
Kansas City, MO 64114-3372
(816) 283-7002

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp.

LOCAL NEWSPAPER Name: *Lincoln Journal Star*
Dates: December 27, 2013 and January 3, 2014

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination information presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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FLOODING SOURCE		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
BEAL SLOUGH								
A	4,394	428	2,517	4.4	1,164.8	1,164.8	1,165.8	1.0
B	5,086	126	1,470	7.6	1,168.0	1,168.0	1,168.2	0.2
C	7,050	234	1,401	8.0	1,175.6	1,175.6	1,175.6	0.0
D	8,204	163	1,390	8.0	1,178.0	1,178.0	1,178.5	0.5
E	10,666	321	1,282	8.3	1,186.4	1,186.4	1,186.8	0.4
F	12,510	391	2,811	3.8	1,194.0	1,194.0	1,194.5	0.5
G	14,866	383	2,782	3.1	1,198.3	1,198.3	1,199.0	0.7
H	16,300	631	3,900	2.2	1200.9	1,200.9	1,201.7	0.8
I	18,201	437	1,375	5.8	1206.6	1,206.6	1,207.4	0.8
J	20,398	440	371	3.3	1216.7	1,216.7	1,216.9	0.2
K	21,702	430	1,164	6.5	1217.5	1,217.5	1,218.2	0.7
L	22,886	250	1,016	7.2	1220.0	1,220.0	1,221.0	1.0
M	23,768	170	1,551	4.7	1229.1	1,229.1	1,229.4	0.3
N	26,444	125	937	7.0	1238.4	1,238.4	1,238.7	0.3
O	27,265	242	2,885	2.2	1241.6	1,241.6	1,242.4	0.8
P	28,361	184	1,244	5.0	1242.8	1,242.8	1,243.8	1.0
Q	29,464	287	2,407	2.6	1246.0	1,246.0	1,246.7	0.7
R	32,239	300	1,239	4.8	1256.7	1,256.7	1,257.7	1.0
S	33,794	300	1,580	3.6	1259.7	1,259.7	1,260.6	0.9
T	36,353	293	1,317	3.5	1263.8	1,263.8	1,264.8	1.0
U	38,756	234	739	6.2	1276.2	1,276.2	1,276.4	0.2
V	40,599	248	1,064	4.3	1283.9	1,283.9	1,284.5	0.6
W	42,242	138	538	4.4	1289.9	1,289.9	1,290.6	0.7
X	44,714	91	327	4.0	1303.7	1,303.7	1,304.7	1.0
Y	46,609	40	172	6.9	1313.6	1,313.6	1,314.5	0.9
Z	48,786	30	76	9.0	1338.1	1,338.1	1,338.1	0.0
AA	50,353	38	102	6.7	1352.3	1,352.3	1,352.7	0.4

REVISED DATA

[1] Feet above confluence with Salt Creek

REVISED TO REFLECT LOMR EFFECTIVE: May 5, 2014

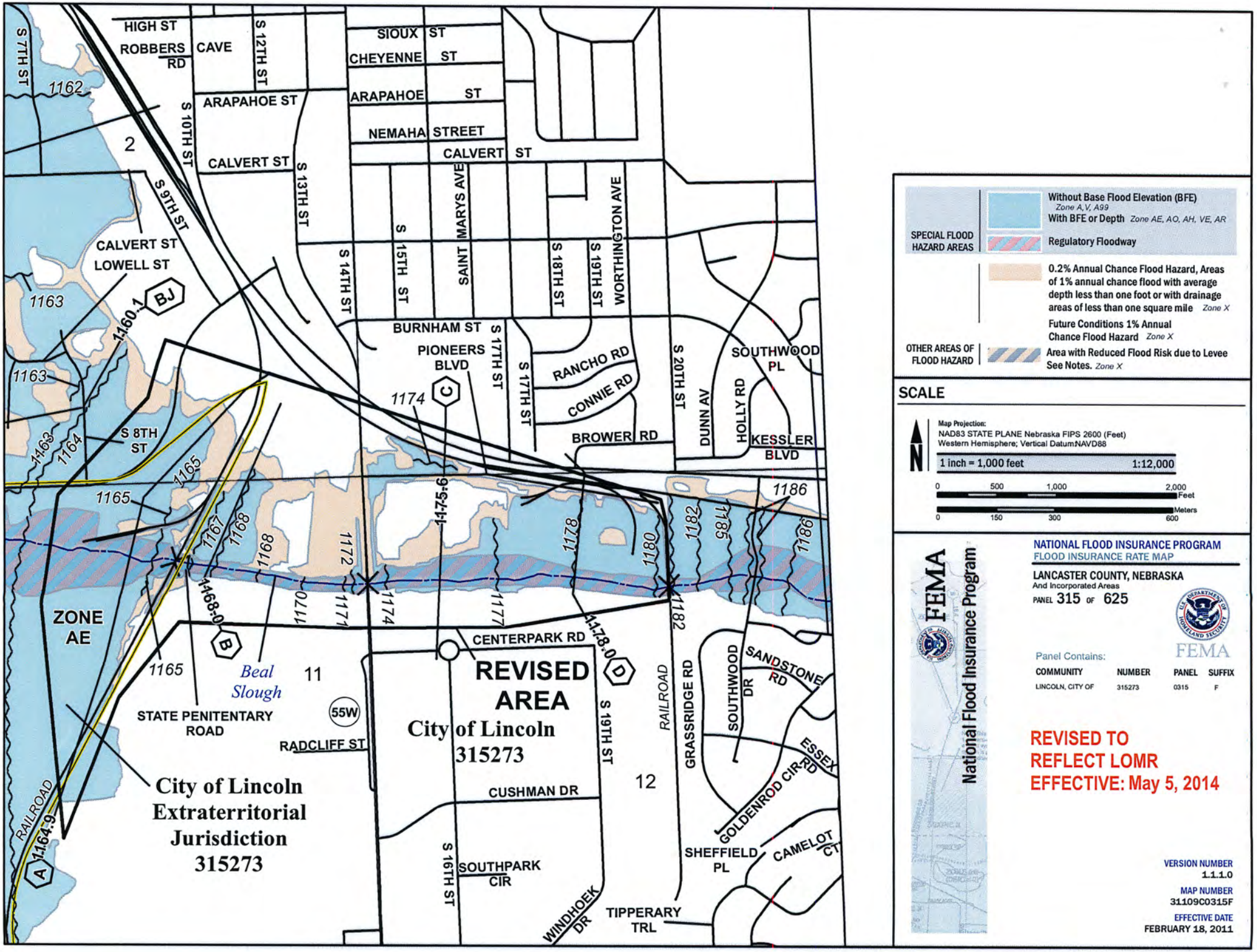
TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

LANCASTER COUNTY, NE AND INCORPORATED AREAS

FLOODWAY DATA

BEAL SLOUGH



SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes. *Zone X*

SCALE

Map Projection:
NAD83 STATE PLANE Nebraska FIPS 2600 (Feet)
Western Hemisphere; Vertical Datum:NAVD88

1 inch = 1,000 feet 1:12,000

0 500 1,000 2,000 Feet

0 150 300 600 Meters

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

LANCASTER COUNTY, NEBRASKA
And Incorporated Areas
PANEL 315 OF 625

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
LINCOLN, CITY OF	315273	0315	F

REVISED TO REFLECT LOMR EFFECTIVE: May 5, 2014

VERSION NUMBER
1.1.1.0

MAP NUMBER
31109C0315F

EFFECTIVE DATE
FEBRUARY 18, 2011