

Follows Conditional Case No.: 17-08-1575R



# 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 Lisbon Ransom County North Dakota	LEVEE	FLOODWAY 1D HYDRAULIC ANALYSIS LEVEE CERTIFICATION UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 380091		
IDENTIFIER	City of Lisbon LOMR	APPROXIMATE LATITUDE AND LONGITUDE: 46.443, -97.679 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 38073C0429D DATE: January 19, 2011	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 19, 2011	
TYPE: FIRM	NO.: 38073C0433D DATE: January 19, 2011	PROFILE: 17P	
TYPE: FIRM	NO.: 38073C0441D DATE: January 19, 2011	FLOODWAY DATA TABLE: 3	

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map

### FLOODING SOURCE AND REVISED REACH

Sheyenne River - from approximately 130 feet downstream of the Red River Valley and Western Railroad to approximately 3,870 feet upstream of State Highway 32  
 Unnamed Ponding Areas (Interior Drainage) - from approximately 400 feet downstream of State Highway 27 to approximately 200 feet upstream of State Highway 32

### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Sheyenne River	BFEs*	BFEs	YES	YES
	Floodway	Floodway	YES	YES
	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
Unnamed Ponding Areas (Interior Drainage)	Zone AE	Zone AE	NONE	YES
	BFEs	BFEs	YES	YES

\* 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 Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration

20-08-0874P

102-I-A-C



Federal Emergency Management Agency  
Washington, D.C. 20472

**LETTER OF MAP REVISION  
DETERMINATION DOCUMENT (CONTINUED)**

**OTHER COMMUNITIES AFFECTED BY THIS REVISION**

**CID Number:** 380089      **Name:** Ransom County, North Dakota

**AFFECTED MAP PANELS**

**AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT**

TYPE: FIRM\*    NO.: 38073C0429D    DATE: January 19, 2011

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 19, 2011  
PROFILE: 17P

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Patrick "Rick" F. Sacibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## 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.

#### COMMUNITY REMINDERS

We based this determination on the 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 revision involves an accredited levee system. Your community is responsible for maintaining and disseminating information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, for the levee system shown as providing protection. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and flood proofing or other protective measures. For more information on flood insurance, interest parties should visit the FEMA Website at <https://www.fema.gov/national-flood-insurance-program>.

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 Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

A handwritten signature in black ink, appearing to read "Rick F. Sacbibit".

Patrick "Rick" F. Sacbibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

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:

Ms. Jeanine D. Petterson  
Director, Mitigation Division  
Federal Emergency Management Agency, Region VIII  
Denver Federal Center, Building 710  
P.O. Box 25267  
Denver, CO 80225-0267  
(303) 235-4830

### 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(s) 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 Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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Patrick "Rick" F. Sacbbit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## 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/bfe\\_status/bfe\\_main.asp](https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp)

#### LOCAL NEWSPAPER

Name: *The Ransom County Gazette*

Dates: July 12, 2021 and July 19, 2021

Within 90 days of the second publication in the local newspaper, any interested party 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 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 Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

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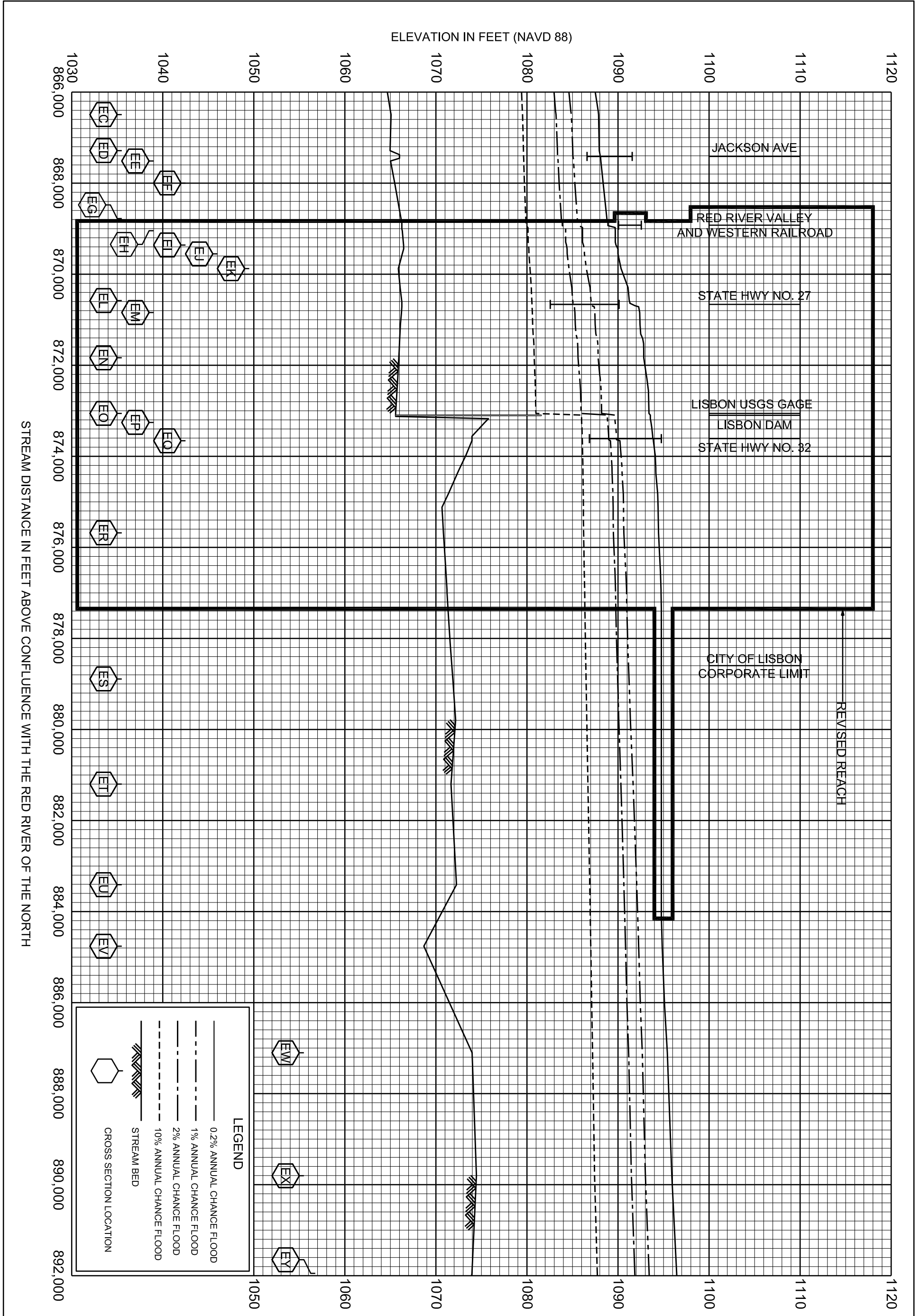
Patrick "Rick" F. Sacibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration

REVISED DATA

FLOODING SOURCE		FLOODWAY			BASE FLOOD			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
						(FEET NAVD)		
Sheyenne River								
DU	853,430	186	2,278	3.2	1080.9	1080.9	1081.5	0.6
DV	853,887	179	2,256	3.2	1081.2	1081.2	1081.8	0.7
DW	856,566	873	7,475	1.0	1081.6	1081.6	1082.5	0.8
DX	858,165	1,093	4,813	1.5	1081.9	1081.9	1082.7	0.8
DY	859,879	1,062	3,461	2.8	1082.4	1082.4	1083.1	0.7
DZ	862,910	705	4,032	1.8	1083.3	1083.3	1083.9	0.6
EA	865,264	295	2,569	2.8	1084.0	1084.0	1084.5	0.5
EB	865,715	203	2,165	3.6	1084.5	1084.5	1085.0	0.5
EC	866,494	553	4,057	1.8	1084.9	1084.9	1085.4	0.5
ED	867,285	171	2,644	2.8	1085.0	1085.0	1085.6	0.6
EE	867,514	151	2,225	3.3	1085.1	1085.1	1085.7	0.6
EF	867,997	153	2,355	3.1	1085.3	1085.3	1085.9	0.6
EG	868,777	185	2,760	2.6	1085.5	1085.5	1086.1	0.6
EH	869,045	134	2,175	3.4	1086.1	1086.1	1086.6	0.5
EI	869,360	118	1,748	4.2	1086.2	1086.2	1086.7	0.5
EJ	869,552	113	1,637	4.5	1086.3	1086.3	1086.8	0.5
EK	869,876	115	1,664	4.4	1086.5	1086.5	1087.0	0.5
EL	870,580	152	2,302	3.2	1087.0	1087.0	1087.5	0.5
EM	870,842	152	2,431	3.0	1087.5	1087.5	1087.9	0.4
EN	871,835	111	1,997	3.7	1087.8	1087.8	1088.3	0.5
EO	873,060	212	3,355	2.2	1088.2	1088.2	1088.6	0.4
EP	873,257	195	2,086	3.5	1089.7	1089.7	1090.0	0.3
EQ	873,656	188	2,280	3.2	1090.2	1090.2	1090.6	0.4
ER	875,683	715	3,675	2.0	1090.6	1090.6	1091.0	0.4
ES	878,585	381	3,320	2.3	1091.2	1091.2	1091.5	0.3
ET	881,200	256	3,124	2.3	1091.6	1091.6	1091.9	0.3
EU	883,410	251	3,108	2.4	1092.0	1092.0	1092.3	0.3
EV	884,761	622	4,200	1.7	1092.2	1092.2	1092.5	0.3
EW	887,102	658	4,712	1.6	1092.6	1092.6	1092.9	0.3
EX	889,802	410	3,138	2.3	1093.0	1093.0	1093.3	0.3
EY	891,947	477	2,953	2.6	1093.4	1093.4	1093.7	0.3

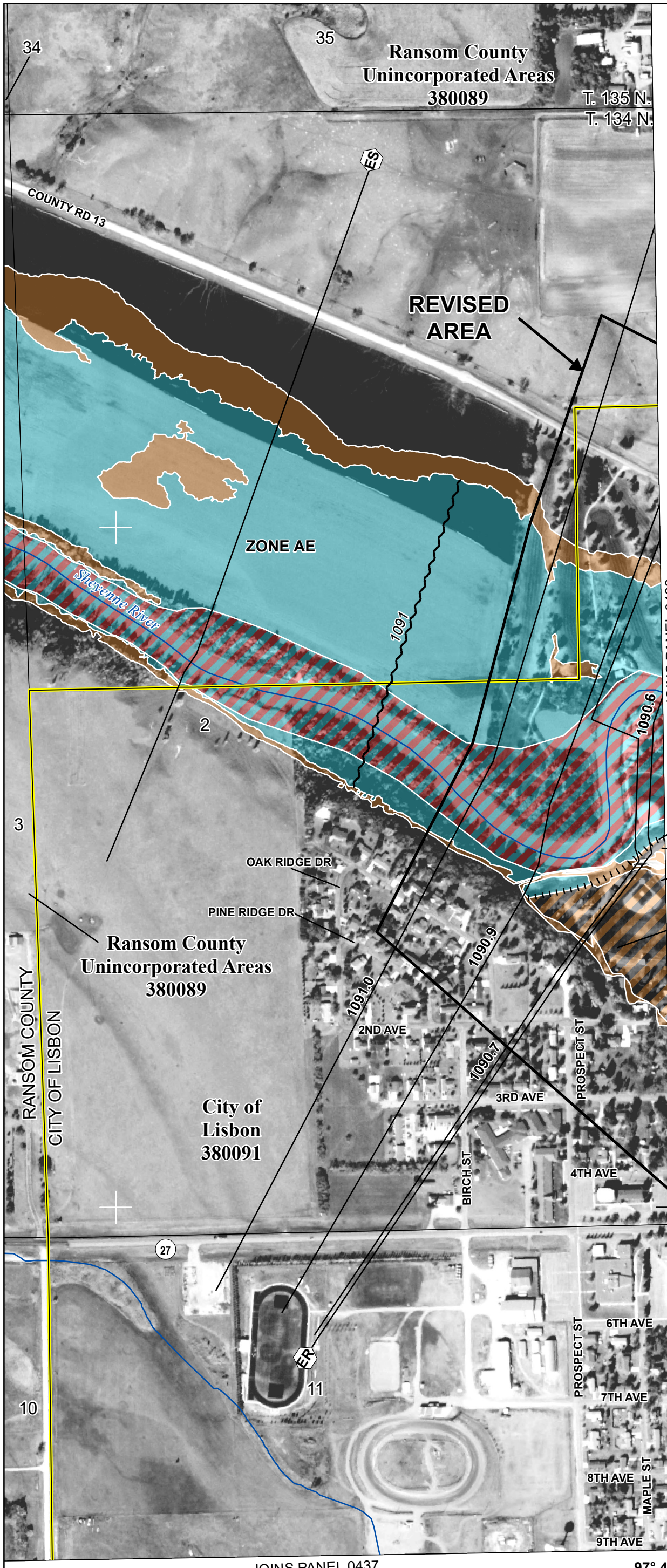
<sup>1</sup>Feet above confluence with Red River of the North.

<b>TABLE 3</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>	REVISED TO REFLECT LOMR EFFECTIVE: November 16, 2021
	<b>RANSOM COUNTY, ND AND INCORPORATED AREAS</b>		<b>SHEYENNE RIVER</b>



**LEGEND**

	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 134N, RANGE 56W AND TOWNSHIP 135N, RANGE 56W.

Note: This area is shown as being protected from the 1-percent-annual-chance or greater flood hazard by a levee system. Overtopping or failure of any levee system is possible.

**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** Imagery Source: NAIP 2015

Map Projection:  
 Universal Transverse Mercator NAD 1983 UTM Zone 14N  
 Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet

0 62.5 125 250 Meters

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**NATIONAL FLOOD INSURANCE PROGRAM**

FLOOD INSURANCE RATE MAP

**RANSOM COUNTY, NORTH DAKOTA**  
 and Incorporated Areas

PANEL 429 OF 700

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
RANSOM COUNTY	380089	0429	D
LISBON, CITY OF	380091	0429	D

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: November 16, 2021**

VERSION NUMBER 1.1.1.0  
 MAP NUMBER 38073C0429D  
 EFFECTIVE DATE JANUARY 19, 2011

JOINS PANEL 0437

97° 41' 15.00"

46° 26' 15.00"

34

35

T. 135 N.  
T. 134 N.

ES

COUNTY RD 13

REVISED AREA

ZONE AE

Sheyenne River

1091

1090.6

JOINS PANEL 0433

Levee

OAK RIDGE DR

PINE RIDGE DR

Ransom County  
Unincorporated Areas  
380089

City of  
Lisbon  
380091

1091.0

1090.9

2ND AVE

3RD AVE

4TH AVE

PROSPECT ST

BIRCH ST

1090.7

6TH AVE

7TH AVE

8TH AVE

9TH AVE

MAPLE ST

3

RANSOM COUNTY  
CITY OF LISBON

27

ER

11

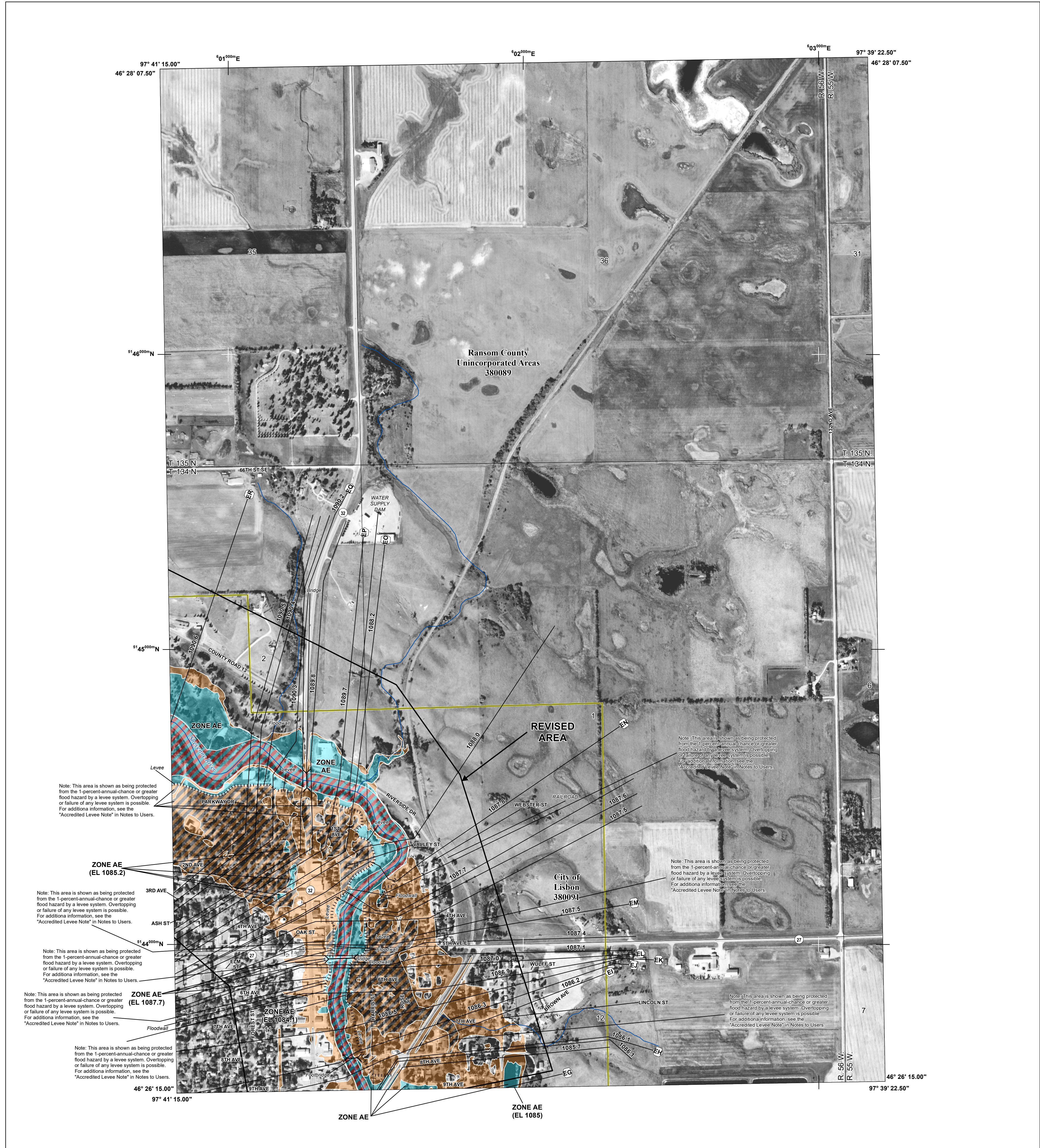
10

JOINS PANEL 0437

97° 41' 15.00"

46° 26' 15.00"





**FLOOD HAZARD INFORMATION**

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT  
**THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://MSC.FEMA.GOV](http://MSC.FEMA.GOV)**

	<b>Without Base Flood Elevation (BFE)</b> Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR
	<b>Regulatory Floodway</b>
	<b>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</b> Zone X
	<b>Future Conditions 1% Annual Chance Flood Hazard</b> Zone X
	<b>Area with Reduced Flood Risk due to Levee</b> See Notes. Zone X
	<b>Area with Flood Risk due to Levee</b> Zone D
	<b>NO SCREEN</b> Area of Minimal Flood Hazard Zone X
	<b>Area of Undetermined Flood Hazard</b> Zone D
	<b>Channel, Culvert, or Storm Sewer</b>
	<b>Levee, Dike, or Floodwall</b>
	<b>Cross Sections with 1% Annual Chance Water Surface Elevation</b> 18.2 17.5
	<b>Coastal Transect</b>
	<b>Coastal Transect Baseline</b>
	<b>Profile Baseline</b>
	<b>Hydrographic Feature</b>
	<b>Base Flood Elevation Line (BFE)</b> 513
	<b>Limit of Study</b>
	<b>Jurisdiction Boundary</b>

**NOTES TO USERS**

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Mapping and Insurance eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

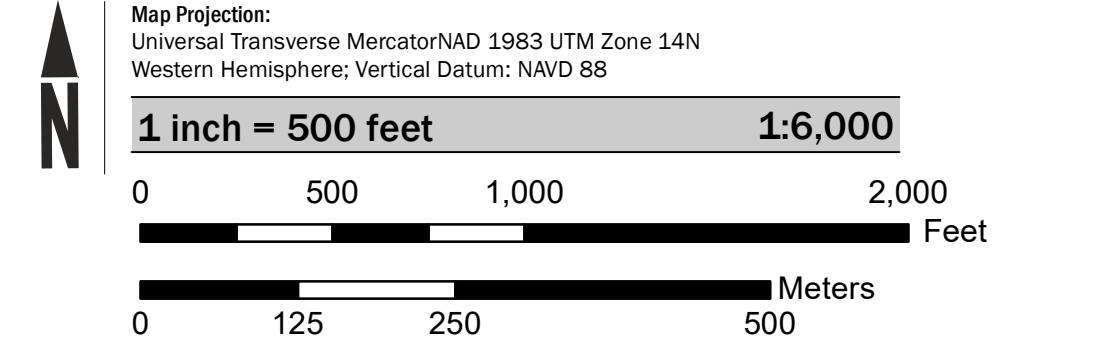
For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was derived from U.S. Census Bureau TIGER files, dated 2015, and digital data provided by Flood County Geospatial Coordinator, dated 2015.

**ACCREDITED LEVEE:** Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit <http://www.fema.gov/national-flood-insurance-program>.

**SCALE**



**PANEL LOCATOR**



**FEMA**

**National Flood Insurance Program**

**NATIONAL FLOOD INSURANCE PROGRAM**

**FLOOD INSURANCE RATE MAP**

**RANSOM COUNTY, NORTH DAKOTA**  
and Incorporated Areas

PANEL 433 of 700

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
RANSOM COUNTY	380089	0433	D
LISBON, CITY OF	380091	0433	D

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: November 16, 2021**

**FEMA**

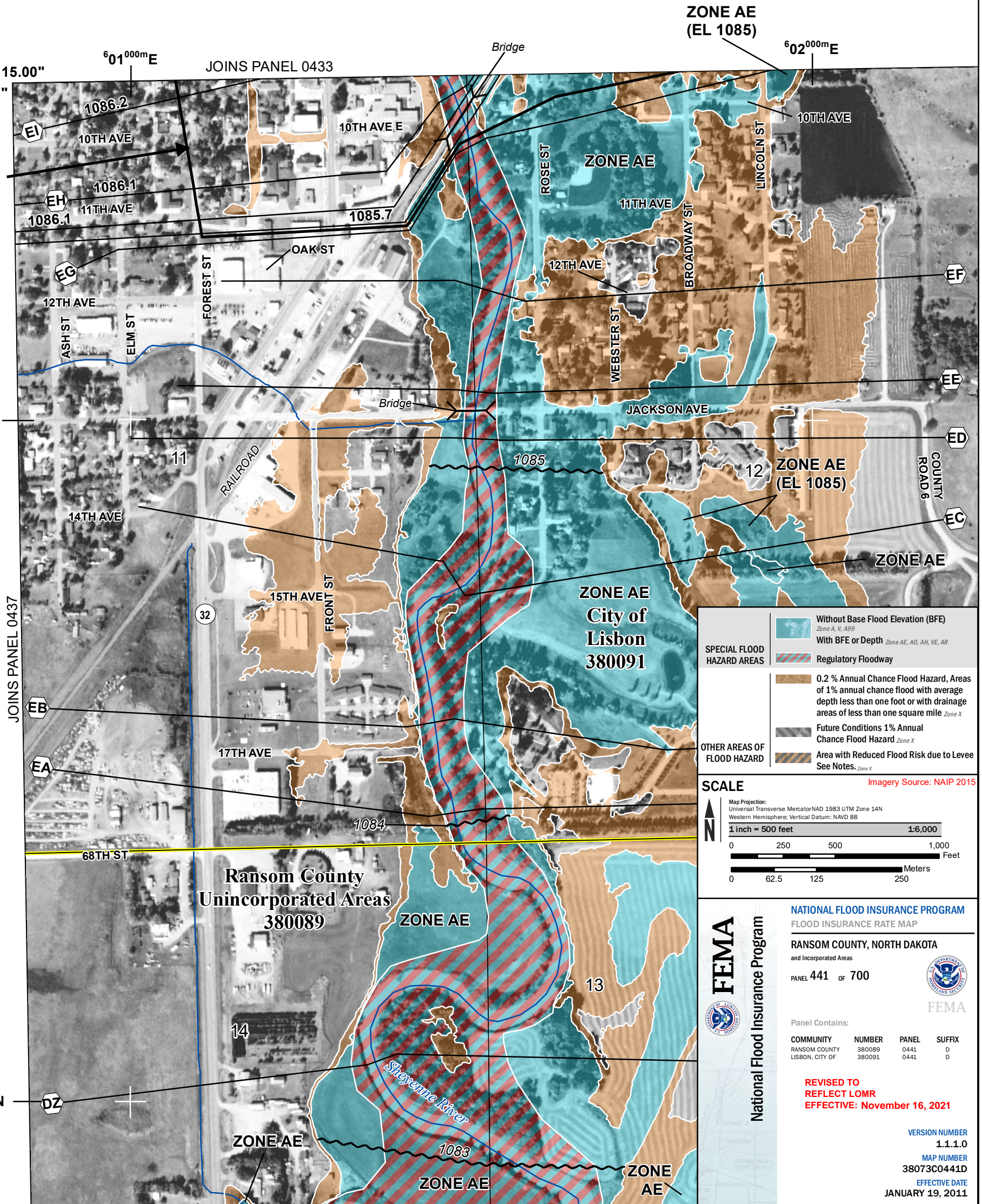
**VERSION NUMBER**  
1.1.1.0

**MAP NUMBER**  
38073C0433D

**EFFECTIVE DATE**  
JANUARY 19, 2011

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 134N, RANGE 55W AND TOWNSHIP 134N, RANGE 54W.

REVISED AREA



**SPECIAL FLOOD HAZARD AREAS**

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

Imagery Source: NAIP 2015

**SCALE**

Map Projection: Universal Transverse Mercator NAD 1983 UTM Zone 14N  
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet

0 62.5 125 250 Meters

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**NATIONAL FLOOD INSURANCE PROGRAM**

FLOOD INSURANCE RATE MAP

**RANSOM COUNTY, NORTH DAKOTA**  
and Incorporated Areas

PANEL 441 OF 700

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
RANSOM COUNTY	380089	0441	D
LISBON, CITY OF	380091	0441	D

**REVISED TO REFLECT LOMR**  
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