

Follows Conditional LOMR: 09-05-5088R



# 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 Moorhead Clay County Minnesota	BRIDGE CHANNELIZATION CULVERT DETENTION BASIN LEVEE	FLOODWAY HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS LEVEE CERTIFICATION NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 275244		
IDENTIFIER	Oakport Flood Mitigation, Oakport Township West Levee	APPROXIMATE LATITUDE & LONGITUDE: 46.941, -96.783 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 27027C0308E DATE: April 17, 2012 TYPE: FIRM NO.: 27027C0309E DATE: April 17, 2012 TYPE: FIRM NO.: 27027C0316E DATE: April 17, 2012 TYPE: FIRM NO.: 27027C0317E DATE: April 17, 2012 TYPE: FIRM NO.: 27027C0328E DATE: April 17, 2012 TYPE: FIRM NO.: 27027C0329E DATE: April 17, 2012 TYPE: FIRM NO.: 27027C0340E DATE: April 17, 2012		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: April 17, 2012 PROFILES: 24P AND 44P FLOODWAY DATA TABLE: 3	

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map

## FLOODING SOURCE &amp; REVISED REACH

See Page 2 for Additional Flooding Source

Red River of the North - From approximately 8,000 feet downstream of Wall Street Avenue North / County Highway 22 to approximately 6,900 feet upstream of the divergence of Oakport Coulee

## SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Red River of the North	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
	BFEs*	BFEs	YES	YES
	Floodway	Floodway	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 Map Information 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 <http://www.fema.gov/nfip>.

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

17-05-3618P

102-I-A-C



Federal Emergency Management Agency  
Washington, D.C. 20472

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

**OTHER FLOODING SOURCES AFFECTED BY THIS REVISION**

**FLOODING SOURCE & REVISED REACH**

Oakport Coulee (County Ditch No. 20) - From approximately 1,500 feet downstream of 70th Avenue North / County Highway 93 to the divergence from Red River of the North

**SUMMARY OF REVISIONS**

<b>Flooding Source</b>	<b>Effective Flooding</b>	<b>Revised Flooding</b>	<b>Increases</b>	<b>Decreases</b>
Oakport Coulee (County Ditch No. 20)	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
	BFES	BFES	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES

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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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Washington, D.C. 20472

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

**OTHER COMMUNITIES AFFECTED BY THIS REVISION**

**CID Number:** 275235      **Name:** Clay County, Minnesota

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 27027C0308E	DATE: April 17, 2012	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: April 17, 2012 PROFILES: 24P, 25P, 26P, 27P, AND 44P FLOODWAY DATA TABLE: 3
TYPE: FIRM	NO.: 27027C0309E	DATE: April 17, 2012	
TYPE: FIRM	NO.: 27027C0316E	DATE: April 17, 2012	
TYPE: FIRM	NO.: 27027C0317E	DATE: April 17, 2012	
TYPE: FIRM	NO.: 27027C0328E	DATE: April 17, 2012	
TYPE: FIRM	NO.: 27027C0329E	DATE: April 17, 2012	
TYPE: FIRM	NO.: 27027C0340E	DATE: April 17, 2012	

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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. 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)

### 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 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist 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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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Engineering Services Branch  
Federal Insurance and Mitigation Administration





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### 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. Mary Beth Caruso  
Director, Mitigation Division  
Federal Emergency Management Agency, Region V  
536 South Clark Street, Sixth Floor  
Chicago, IL 60605  
(312) 408-5500

#### 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 panels and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

Although the revision area is shown to be entirely within Clay County, a portion of Clay County has been annexed by the City of Moorhead. However, this LOMR does not reflect the updated corporate limits.

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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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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)

### 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 Extra*

Dates: February 8, 2018 and February 15, 2018

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 Map Information 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 <http://www.fema.gov/nfip>.

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

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE-FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
OAKPORT COULEE								
A	2.619	424	3,717	0.9	892.8	892.8	893.3	0.5
B	3.316	516	3,828	0.9	893.0	893.0	893.5	0.5
C	4.449	400	4,593	0.7	893.3	893.3	893.7	0.4
D	6.064	1,002	5,071	0.7	895.4	895.4	895.7	0.3
		<div>↑</div> <div>REVISED DATA</div>						

<sup>1</sup>Miles above convergence with Red River of the North

REVISED TO  
REFLECT LOMR  
EFFECTIVE: June 15, 2018

TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

**CLAY COUNTY, MN  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**OAKPORT COULEE**

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE-FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH <sup>2</sup> (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
RED RIVER OF THE NORTH (CONTINUED)								
U	27.819	665/282	12,884	2.0	893.0	893.0	893.4	0.4
V	29.162	1,050/760	15,080	1.7	893.9	893.9	894.3	0.4
W	29.996	550/250	10,967	2.4	894.4	894.4	894.8	0.4
X	30.266	490/254	8,721	3.0	894.5	894.5	894.9	0.4
Y	30.875	566/229	11,573	2.2	895.0	895.0	895.4	0.4
Z	32.731	1,310/777	19,766	1.3	895.7	895.7	896.0	0.3
AA	33.344	2,420/522	40,568	0.6	895.8	895.8	896.2	0.4
AB	34.131 <sup>3</sup>	3,043/251	29,703	1.0	896.0	896.0	896.3	0.3
AC	34.894	1,622/1,256	19,156	1.5	896.3	896.3	896.6	0.3
AD	35.405	3,157/258	33,415	0.9	896.5	896.5	896.8	0.3
AE	35.993	992/723	16,418	1.8	896.6	896.6	896.9	0.3
AF	36.823	3,094/29	48,994	0.6	897.0	897.0	897.2	0.2
AG	37.769	0 792/295	14,825	2.0	897.3	897.3	897.5	0.2
AH	38.489	720/452	13,769	2.1	897.6	897.6	897.9	0.3
AI	39.437	1,013/708	17,779	1.7	898.2	898.2	898.5	0.3
AJ	40.386	927/708	16,620	1.8	899.1	899.1	899.5	0.4
AK	41.285	1,857/28	25,651	1.1	899.7	899.7	900.1	0.4
AL	42.284	3 616/526	11,254	2.6	900.3	900.3	900.6	0.3
AM	42.932	505/238	9,385	3.1	901.2	901.2	901.6	0.4
AN	44.235	724/267	14,606	2.0	902.3	902.3	902.8	0.5

<sup>1</sup>Miles above county boundary  
<sup>2</sup>Total width/Width within county

REVISED BY LOMR EFFECTIVE: NOVEMBER 11, 2016

<sup>3</sup>The revised reach length between the County Boundary and effective station 34.768 increased by 0.126 miles. The cumulative distance of 34.894 miles is equivalent to 34.768 miles.

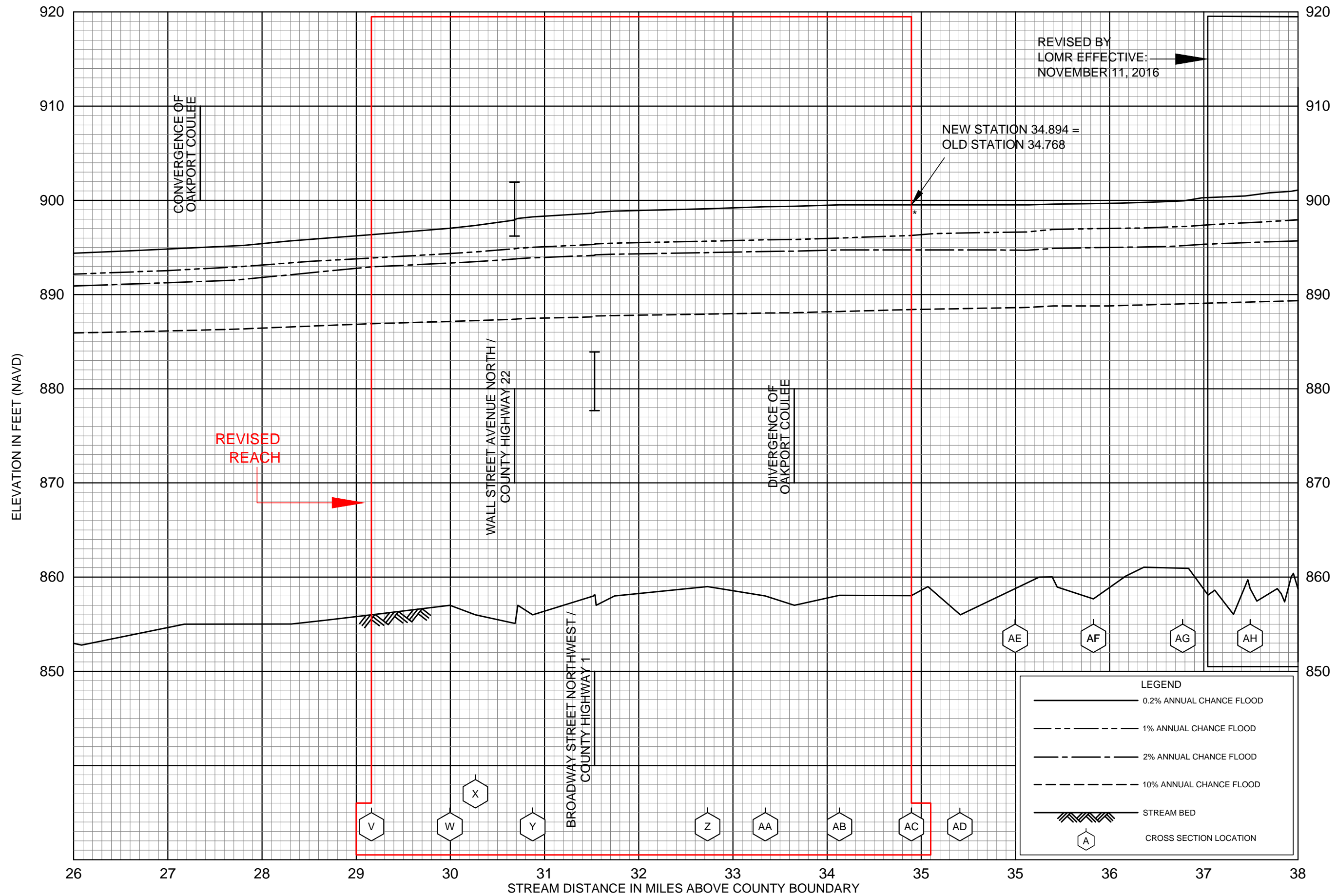
TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

**CLAY COUNTY, MN  
AND INCORPORATED AREAS**

**FLOODWAY DATA** REVISED TO  
REFLECT LOMR  
EFFECTIVE: June 15, 2018

**RED RIVER OF THE NORTH**



FLOOD PROFILES

RED RIVER OF THE NORTH

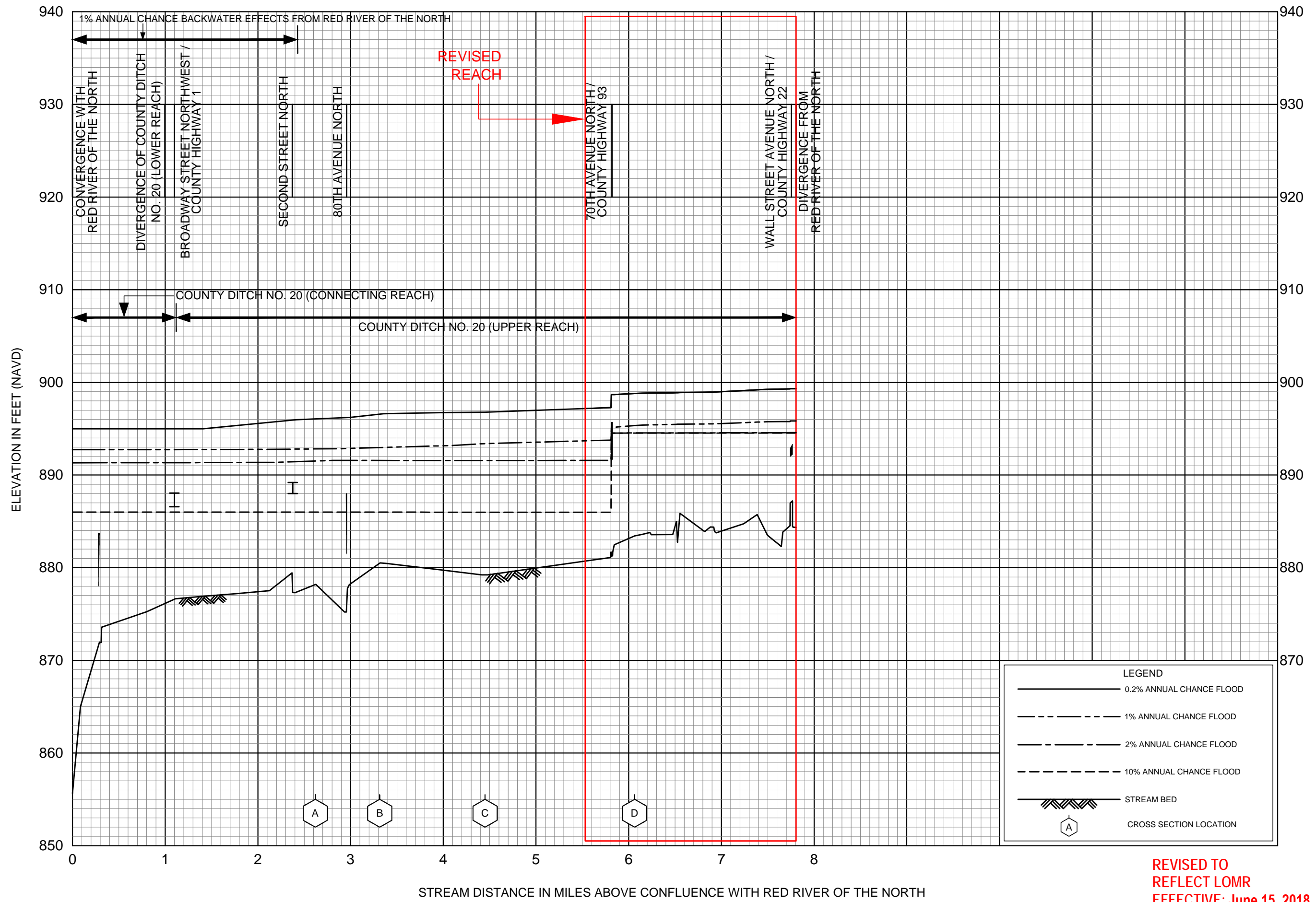
FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MN

AND INCORPORATED AREAS

REVISED DATA → \*The revised reach length between the County Boundary and effective station 34.768 increased by 0.126 miles. The cumulative distance of 34.894 miles is equivalent to 34.768 miles.

REVISED TO REFLECT LOMR EFFECTIVE: June 15, 2018



REVISED TO  
REFLECT LOMR  
EFFECTIVE: June 15, 2018

FLOOD PROFILES

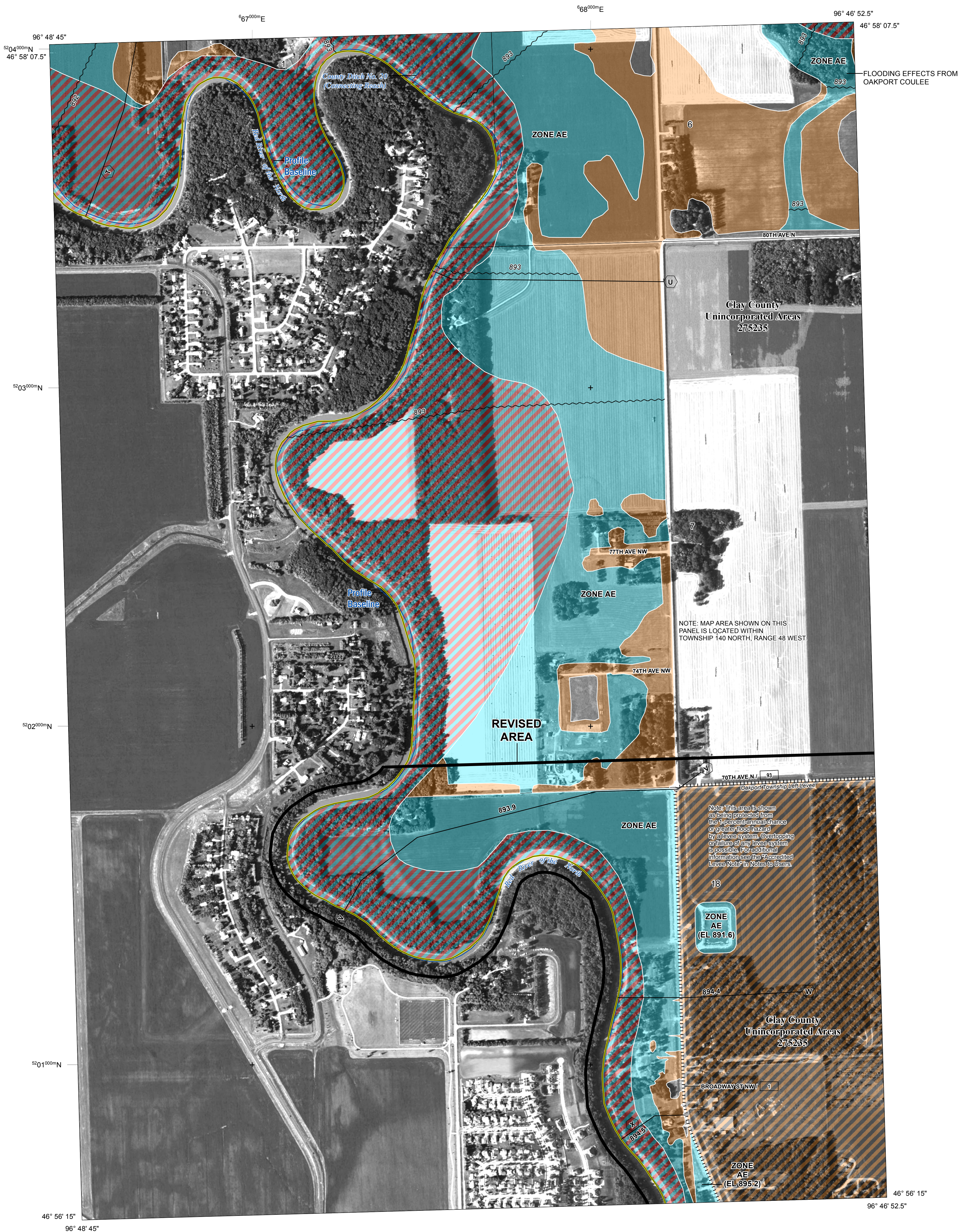
OAKPORT COULEE

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MN

AND INCORPORATED AREAS





## FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP  
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING  
DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT  
[HTTP://MSC.FEMA.GOV](http://msc.fema.gov)

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
OTHER AREAS		Area with Reduced Flood Risk due to Levee See Notes. Zone X
		NO SCREEN
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

## NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA 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. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

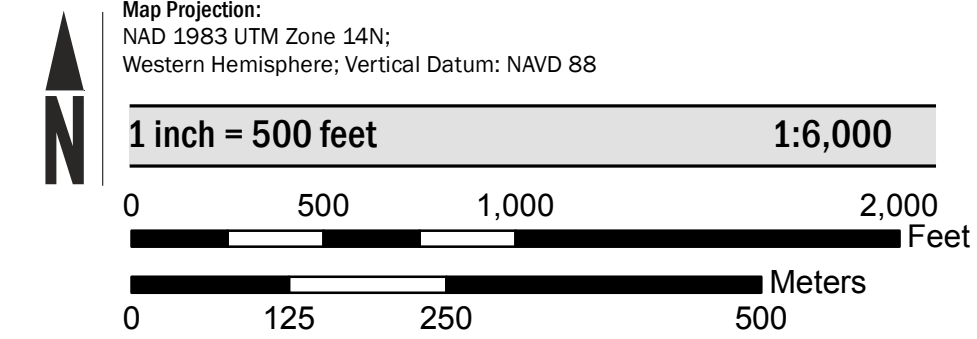
Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

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

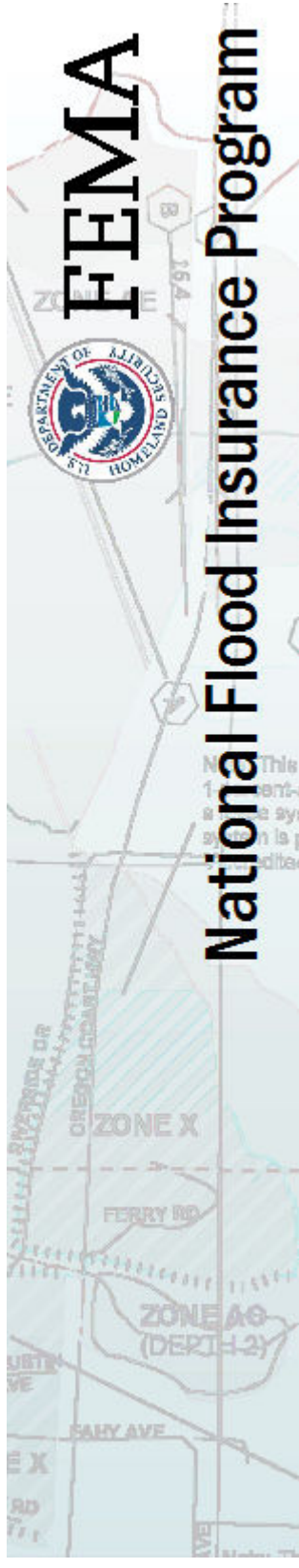
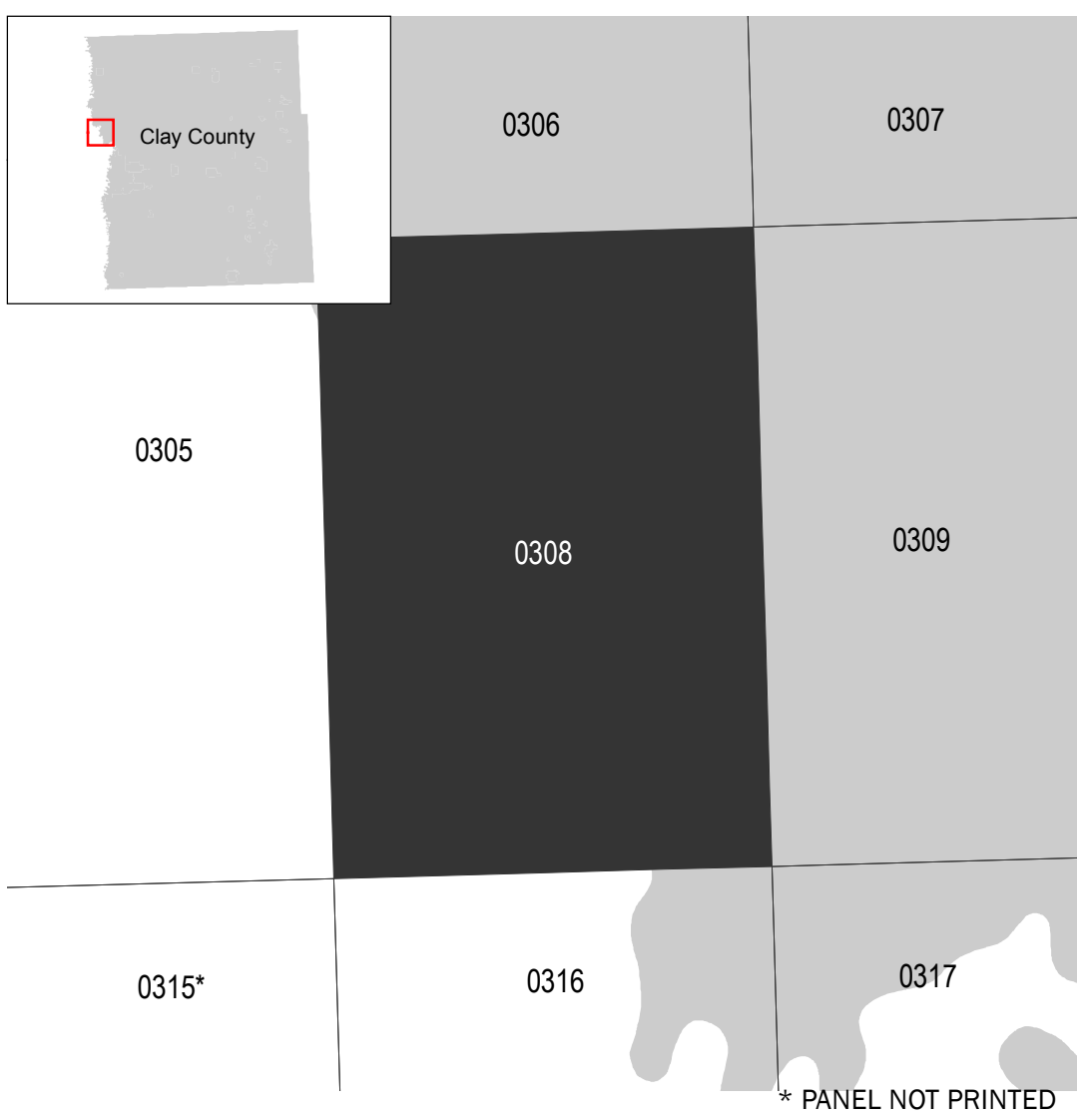
Base map information shown on this FIRM was derived from aerial photography produced for Clay County dated 2005 at a scale of 1:12,000 and aerial photography produced for USDA dated 2004 at a scale of 1:12,000.

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



## NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP

CLAY COUNTY, MINNESOTA  
and Incorporated Areas  
PANEL 308 of 750



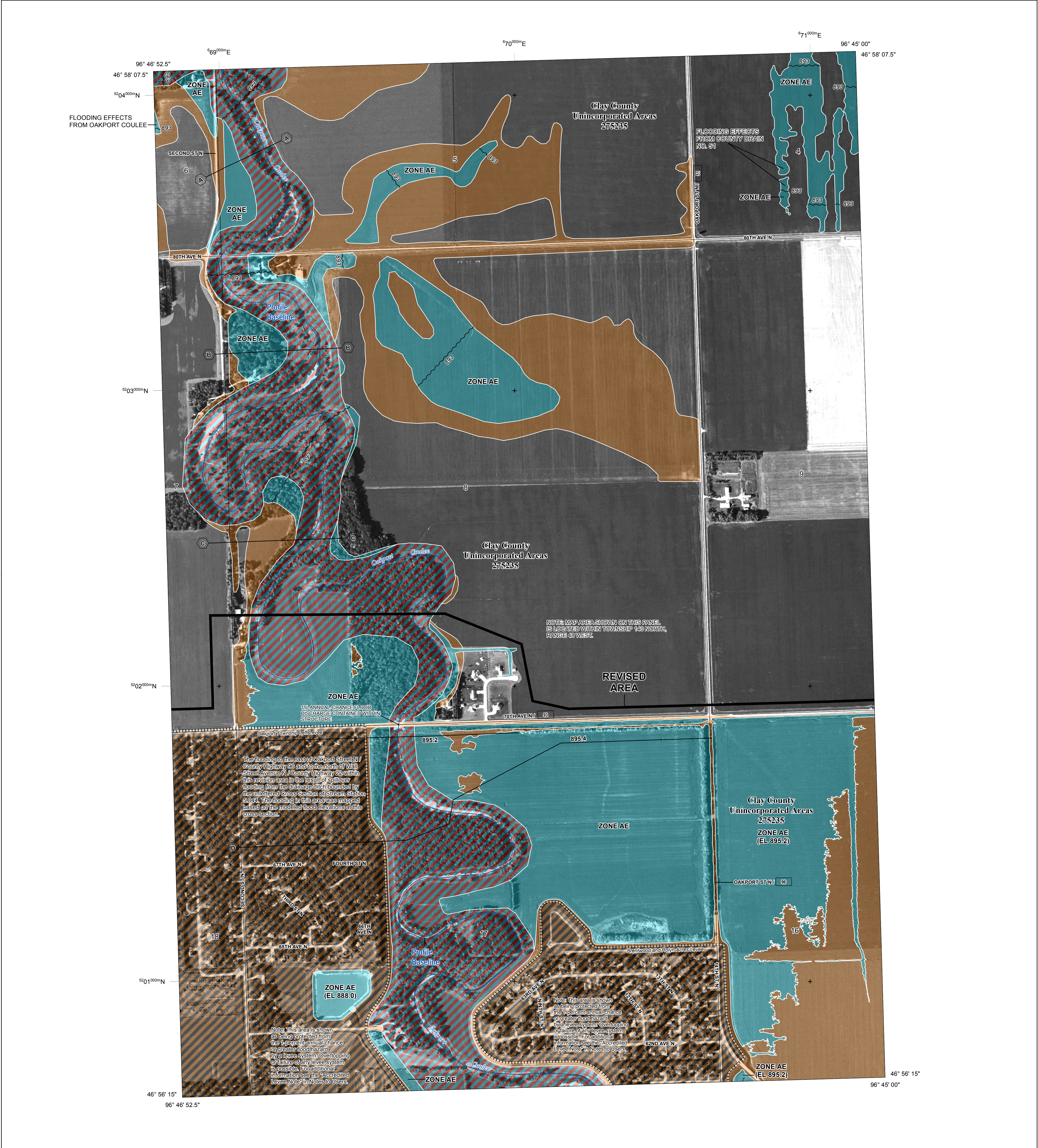
Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CLAY COUNTY	275235	0308	E

REVISED TO  
REFLECT LOMR  
EFFECTIVE: June 15, 2018

VERSION NUMBER  
1.1.1.0  
MAP NUMBER  
27027C0308E  
EFFECTIVE DATE  
APRIL 17, 2012





FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP  
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://MSC.FEMA.GOV](http://msc.fema.gov)

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A,V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		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
OTHER AREAS		Area with Reduced Flood Risk due to Levee See Notes. Zone X
		NO SCREEN
GENERAL STRUCTURES		Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
		Area of Undetermined Flood Hazard Zone D
OTHER FEATURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
		Coastal Transect
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
OTHER FEATURES		Jurisdiction Boundary

NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA 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. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

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 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 the 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 aerial photography produced for Clay County dated 2005 at a scale of 1:12,000 and aerial photography produced for USDA dated 2004 at a scale of 1:12,000.

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/nationalfloodinsurance-program>.

SCALE

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

1 inch = 500 feet 1:6,000

0 500 1,000 2,000 Feet

0 125 250 500 Meters

PANEL LOCATOR

\* PANEL NOT PRINTED

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM  
FLOOD INSURANCE RATE MAP

CLAY COUNTY, MINNESOTA  
and Incorporated Areas  
PANEL 309 of 750

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CLAY COUNTY	275235	0309	E

REVISED TO REFLECT LOMR  
EFFECTIVE: June 15, 2018

VERSION NUMBER  
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**ACCREDITED LEEVE:** 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>.

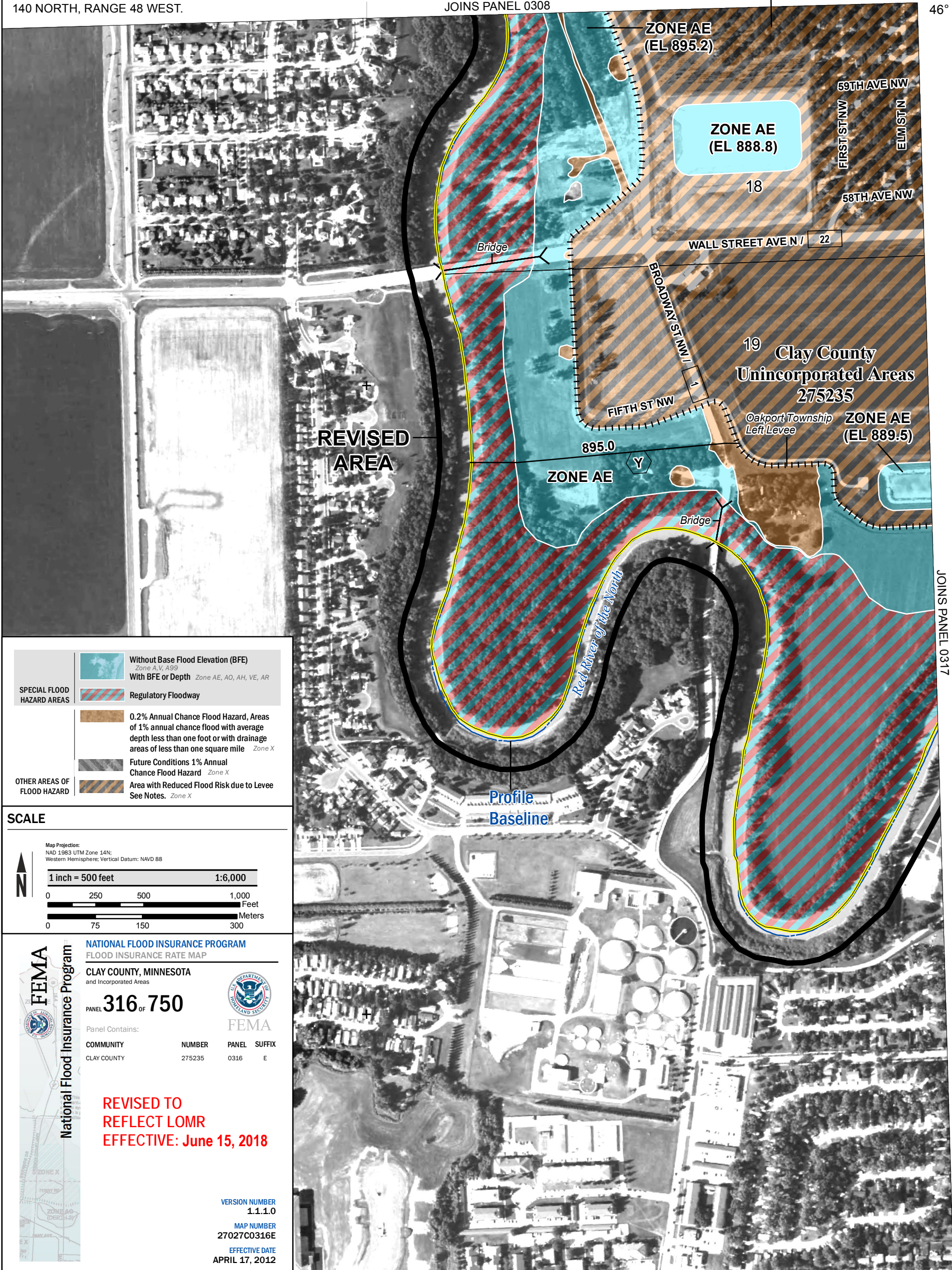
 ${}^6_{68}{}^{000\text{m}}\text{E}$ 

JOINS PANEL 0308

**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. For additional information see the "Accredited Levee Note" in Notes to Users.

96° 46' 52.5"

46° 56' 15"

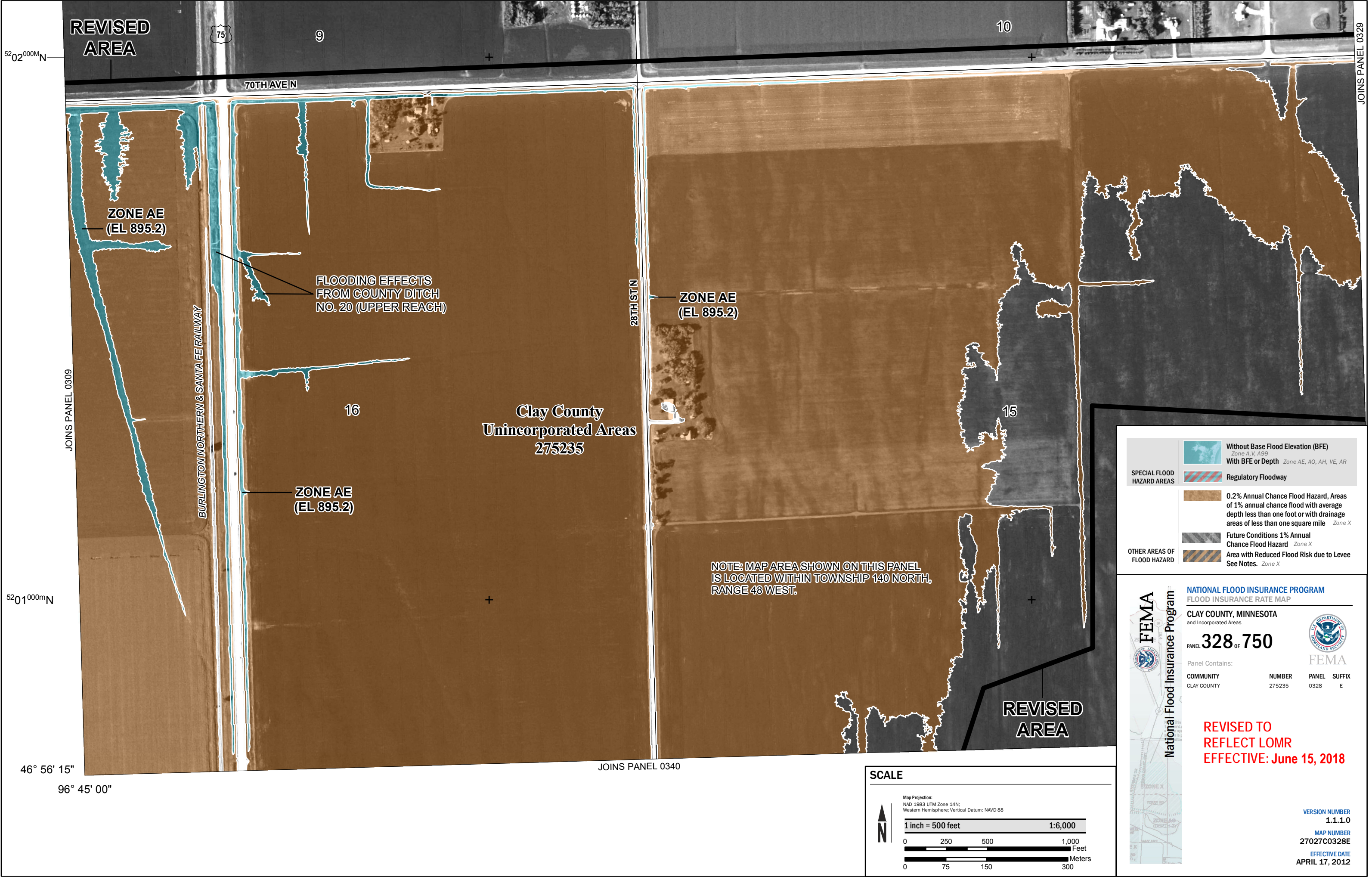


JOINS PANEL 0317











JOINS PANEL 0328

52°02'00"N

40TH ST N / 95

70TH AVE N







REVISED  
AREA

Clay County  
Unincorporated Areas  
275235

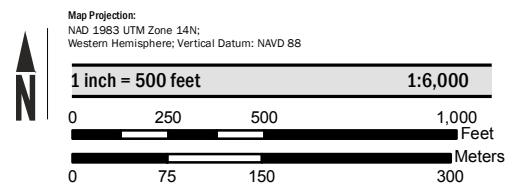
15

14

NOTE: MAP AREA SHOWN ON THIS  
PANEL IS LOCATED WITHIN TOWNSHIP  
140 NORTH, RANGE 48 WEST.

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		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





**National Flood Insurance Program**

**NATIONAL FLOOD INSURANCE PROGRAM**  
FLOOD INSURANCE RATE MAP

**CLAY COUNTY, MINNESOTA**  
and Incorporated Areas

**PANEL 329 OF 750**

Panel Contains:  
COMMUNITY CLAY COUNTY  
NUMBER 275235  
PANEL 0329  
SUFFIX E

**REVISÉD TO  
REFLECT LOMR  
EFFECTIVE: June 15, 2018**

VERSION NUMBER  
1.1.1.0  
MAP NUMBER  
27027C0329E  
EFFECTIVE DATE  
APRIL 17, 2012

