



Federal Emergency Management Agency

Washington, D.C. 20472

OCT 31 2006

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Mark Eckert
Mayor, City Of Belleville
101 South Illinois Street
Belleville, IL 62220

IN REPLY REFER TO:

Case No.: 06-05-B005P
Community Name: City Of Belleville, IL
Community No.: 170618
Effective Date of This Revision: **MAR 08 2007**

Dear Mayor Eckert:

The Flood Insurance Study report and Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel 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, Federal Insurance and Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Chicago, Illinois, at (312) 408-5529, or the FEMA Map Assistance Center 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/nfip>.

Sincerely,

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division

For: William R. Blanton Jr., CFM, Chief
Engineering Management Section
Mitigation Division

List of Enclosures:


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

cc: Mr. Mark Kern
Chairman, St. Clair County Board

Mr. Mike Mitchell
Director of Zoning
St. Clair County

Mr. Rich Wilson
City Engineer
City of Belleville

Mr. William Saylor
Hydrology Division
Illinois State Water Survey


Thouvenot, Wade & Moerchen, Inc.



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 Belleville St. Clair County Illinois	CULVERT	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 170618		
IDENTIFIER	Orchards Subdivision	APPROXIMATE LATITUDE & LONGITUDE: 38.500, -89.910 SOURCE: USGS QUADRANGLE DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 17163C0335D DATE: November 5, 2003		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 05, 2003 PROFILE: 21P(a) SUMMARY OF DISCHARGES TABLE 2	

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)

Unnamed Tributary to Loop Creek - From approximately 4,200 feet upstream of Louisville And Nashville Railroad to approximately 200 feet downstream of Louisville And Nashville Railroad.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Unnamed Tributary to Loop Creek	Zone AE	Zone AE	YES	YES
	BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Kevin C. Long

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division

109770 10.3.1.0605B005 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: 170616

Name: St. Clair County , Illinois

AFFECTED MAP PANELS

TYPE: FIRM* NO.: 17163C0355D DATE: November 5, 2003

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 5, 2003
PROFILE: 21P(a)
SUMMARY OF DISCHARGES TABLE 2

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division



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.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in cursive script that reads "Kevin C. Long".

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division



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:

Mr. Norbert Schwartz
Director, Federal Insurance and Mitigation Division
Federal Emergency Management Agency, Region V
536 South Clark Street, Sixth Floor
Chicago, IL 60605
(312) 408-5529

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.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in cursive script that reads "Kevin C. Long".

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (METERS NGVD 29)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Unnamed Tributary to Loop Creek	Just downstream of Jack Nicklaus Drive	456	457	17163C0335D
	Approximately 5,400 feet upstream of Louisville and Nashville Railroad	NONE	470	17163C0335D

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 BFEs presented in this LOMR may be changed.

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.

LOCAL NEWSPAPER Name: *Belleville News Democrat*
Dates: 11/30/2006 12/07/2006

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division

TABLE 3 - SUMMARY OF DISCHARGES - (continued)

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. miles)	PEAK DISCHARGES (cfs)			
		10-YEAR	50-YEAR	100-YEAR	500-YEAR
PRAIRIE DU PONT DIVERSION CHANNEL					
At Mouth	38.5	12,000	17,700	19,500	21,800
RICHLAND CREEK					
At State Route 156	129.4	20,300	31,500	37,300	45,800
Above confluence of West					
Fork of Richland Creek	96.8	16,100	24,600	29,000	35,500
Above confluence of					
Douglas Creek	56.3	10,700	15,700	17,900	22,100
Above confluence					
of Wolf Branch	12.5	5,000	7,200	8,200	9,900
SCHOENBERGER CREEK					
NO.2					
At State Route 157	12.0	4,610	7,430	8,860	11,860
SILVER CREEK					
At Mouth	476.4	12,400	19,000	22,000	29,000
UNNAMED TRIBUTARY TO LOOP CREEK					
At confluence with					
Loop Creek	1.85	**	**	931	**

REVISED DATA

WEST FORK OF RICHLAND CREEK

Above confluence with Richland Creek	26.9	5,100	8,300	10,100	1,600
Above State Route 159	23.0	5,000	7,900	9,600	12,000

The stillwater elevations have been determined for the 10-, 50-, 100-, and 500- year floods for the flooding sources studied by detailed methods and are summarized in Table 3, "Summary of Stillwater Elevations."

TABLE 3 - SUMMARY OF STILLEATER ELEVATIONS

FLOODING SOURCE AND LOCATION	ELEVATION (feet NGVD*)			
	10-YEAR	50-YEAR	100-YEAR	500-YEAR
VILLAGE OF ALORTON				
Between Interstate 255 and Route 157	**	**	411	**
Ketchem Ditch				
Approximately 600 feet southeeast of the intersection of Pocket Road and State Route 15 and Missouri Avenue	**	**	411	

*National Geodetic Vertical Datum of 1929

** Data not available

REVISED TO
REFLECT LOMR
EFFECTIVE
MAR 08 2007

ELEVATION IN FEET (NGVD)

BACKWATER EFFECTS FROM LOOP CREEK

CONFLUENCE WITH LOOP CREEK

LOUISVILLE/NASHVILLE RAILROAD

JACK NICKLAUS DRIVE

FAIRWAY DRIVE

LIMIT OF DETAILED STUDY

LEGEND

100-YEAR FLOOD

STREAM BED

CROSS SECTION
LOCATION

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH LOOP CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ST. CLAIR COUNTY, IL

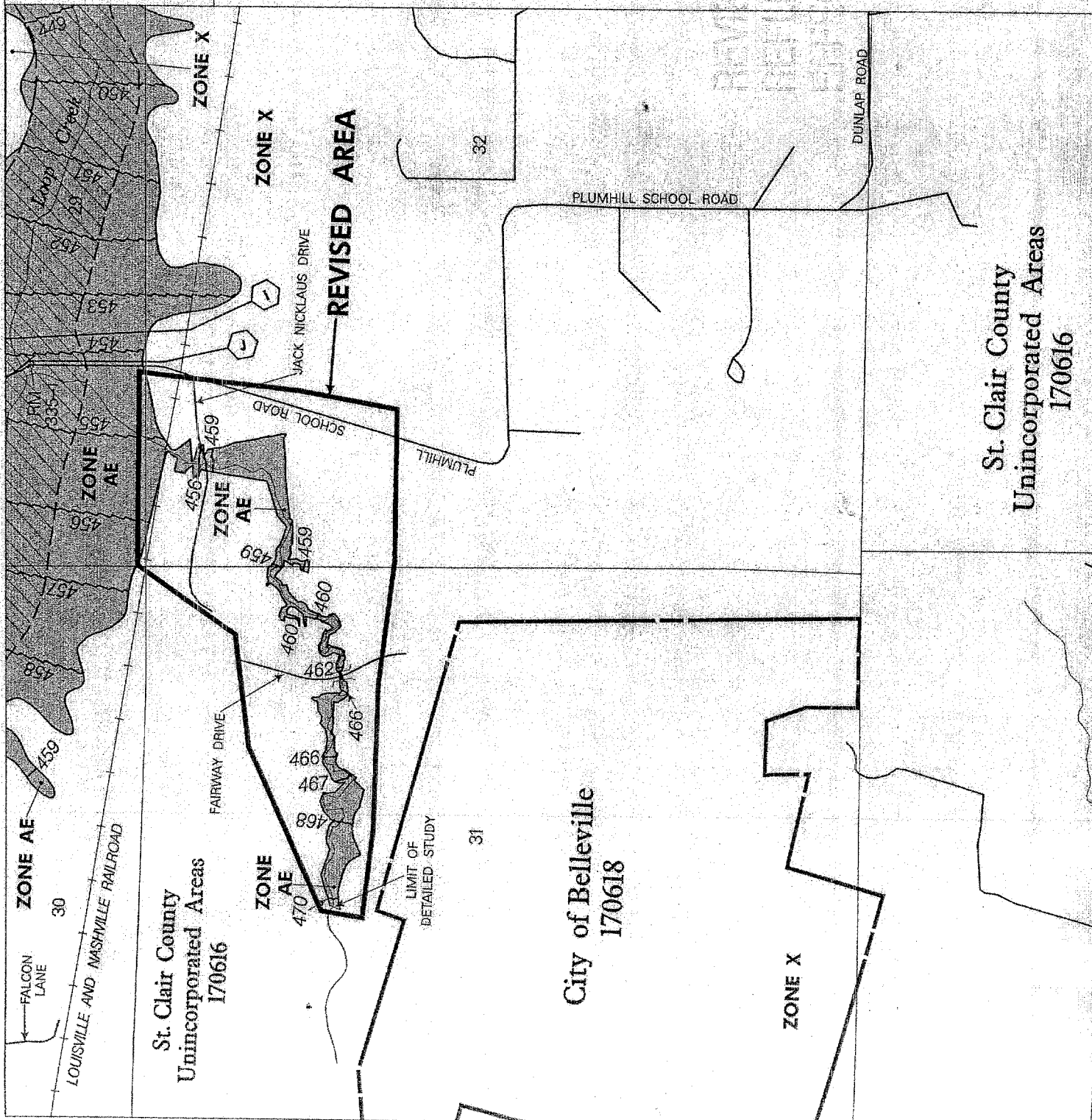
AND INCORPORATED AREAS

FLOOD PROFILES

UNNAMED TRIBUTARY TO LOOP CREEK

21P(a)

JOINS PANEL 0220



Legend

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain



APPROXIMATE SCALE IN FEET
1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP
ST. CLAIR COUNTY,
ILLINOIS
AND INCORPORATED AREAS

PANEL 335 OF 555

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS	NUMBER	PANEL	SHEET
COMMUNITY	170616	0220	D
ST. CLAIR COUNTY	170618	0220	D

MAR 08 2007

Notes to User: The MAP NUMBER shown below should be used to identify the map and to obtain information about the map. The MAP NUMBER should be used on insurance applications for the subject community.

MAP NUMBER
17163C0335D
EFFECTIVE DATE
NOVEMBER 5, 2003



Federal Emergency Management Agency

St. Clair County
Unincorporated Areas
170616

City of Belleville
170618