

Follows Conditional Case No.: 14-05-0595R



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Village of Elmwood Park Cook County Illinois	LEVEE	FLOODWAY HYDRAULIC ANALYSIS LEVEE CERTIFICATION NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 170089		
IDENTIFIER	Elmwood Park Flood Mitigation Project	APPROXIMATE LATITUDE & LONGITUDE: 41.915, -87.826 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 17031C0387J DATE: August 19, 2008		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: August 19, 2008 PROFILES: 147P FLOODWAY DATA TABLE: 19	

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map

### FLOODING SOURCES & REVISED REACHES

See Page 2 for Additional Flooding Sources

Des Plaines River - From approximately 150 feet downstream of Cross Section AM to approximately 950 feet upstream of Cross Section AM

Golf Course Tributary - From approximately 4,100 feet downstream of Fullerton Avenue to Fullerton Avenue

### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Des Plaines River	Zone AE	Zone AE	NONE	YES
	Zone X (shaded)	Zone X (shaded)	NONE	YES
Golf Course Tributary	Zone AE	Zone AE	NONE	YES
	Floodway	Floodway	YES	YES

### 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>.

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)**

**OTHER FLOODING SOURCES AFFECTED BY THIS REVISION**

**FLOODING SOURCE & REVISED REACH**

Golf Course Tributary - From approximately 4,100 feet downstream of Fullerton Avenue to Fullerton Avenue

**SUMMARY OF REVISIONS**

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Golf Course Tributary	BFEs*	BFEs	NONE	YES
	Zone X (shaded)	Zone X (shaded)	NONE	YES

\* BFEs - Base Flood Elevations

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)**

**OTHER COMMUNITIES AFFECTED BY THIS REVISION**

**CID Number:** 170152      **Name:** Village of River Grove, Illinois

**AFFECTED MAP PANELS**

TYPE: FIRM      NO.: 17031C0387J      DATE: August 19, 2008

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

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: August 19, 2008  
PROFILES: 147P  
FLOODWAY DATA TABLE: 19

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)

### 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 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)**

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. Christine Stack  
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 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](https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp).

LOCAL NEWSPAPER      Name: *Chicago Tribune*  
   Dates: May 24, 2016 and May 31, 2016

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 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-PERCENT-ANNUAL-CHANCE-FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Flossmoor Ditch								
A	5,310 <sup>45</sup>	400	1,950	0.3	694.4	694.4	694.4	0.0
B	5,430 <sup>45</sup>	453	1,840	0.3	694.4	694.4	694.5	0.1
C	6,450 <sup>45</sup>	767	1,688	0.3	694.5	694.5	694.6	0.1
D	7,490 <sup>45</sup>	1,686	4,441	0.05	694.5	694.5	694.6	0.1
E	10,450 <sup>45</sup>	1,348	3,423	0.07	694.5	694.5	694.6	0.1
Flossmoor Ditch Tributary A								
A	2,330 <sup>4</sup>	518	250	1.3	699.6	699.6	699.7	0.1
B	4,680 <sup>4</sup>	38	74	3.7	711.1	711.1	711.2	0.1
C	4,830 <sup>4</sup>	46	185	1.5	712.4	712.4	712.4	0.0
D	4,980 <sup>4</sup>	54	137	2.0	712.5	712.5	712.6	0.1
E	9,080 <sup>4</sup>	382	91	1.4	725.1	725.1	725.2	0.1
Golf Course Tributary								
A	2,980 <sup>10</sup>	281	761	0.0	622.8	622.8	622.8	0.0
B	3,990 <sup>10</sup>	278	553	0.6	622.8	622.8	622.8	0.0
C	4,920 <sup>10</sup>	238	176	1.6	623.2	623.2	623.2	0.0
D	6,040 <sup>10</sup>	142	197	1.3	624.9	624.9	624.9	0.0

↑  
**REVISED DATA**

<sup>4</sup>Feet above mouth

<sup>10</sup>Feet above confluence with Des Plaines River

<sup>45</sup>Feet above confluence at Union Drainage Ditch

**TABLE 19**

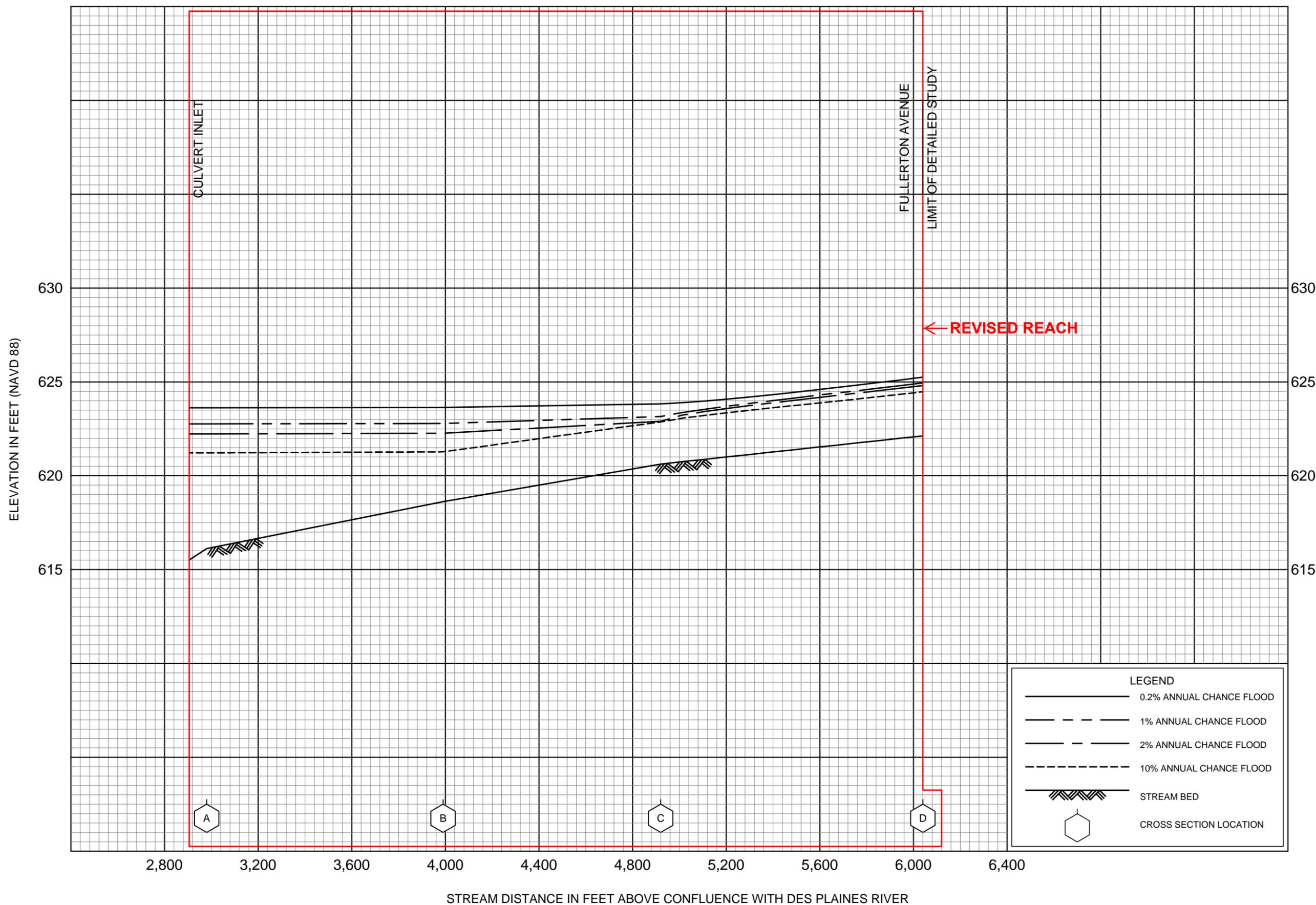
**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**COOK COUNTY, IL  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**FLOSSMOOR DITCH – FLOSSMOOR DITCH  
TRIBUTARY A – GOLF COURSE TRIBUTARY**

**REVISED TO REFLECT LOMR EFFECTIVE: SEPTEMBER 28, 2016**



FLOOD PROFILES

GOLF COURSE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

COOK COUNTY, IL  
AND INCORPORATED AREAS



1915000 FT

JOINS PANEL 0395

**REVISED TO REFLECT LOMR EFFECTIVE: SEPTEMBER 28, 2016**

**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
- 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

**OTHER AREAS OF FLOOD HAZARD**

**SCALE**

Map Projection: NAD 1983 UTM Zone 16N; Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet

0 75 150 300 Meters

**FEMA National Flood Insurance Program**

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

**COOK COUNTY, ILLINOIS AND INCORPORATED AREAS**

**PANEL 387 OF 832**

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CHICAGO, CITY OF	170074	0387	J
COOK COUNTY	170054	0387	J
ELMWOOD PARK, VILLAGE OF	170089	0387	J
MELROSE PARK, VILLAGE OF	170125	0387	J
RIVER FOREST, VILLAGE OF	170151	0387	J
RIVER GROVE, VILLAGE OF	170152	0387	J

VERSION NUMBER 1.0.0.0

MAP NUMBER 17031C0387J

EFFECTIVE DATE AUGUST 19, 2008

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.

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Village of River Grove 170152

Village of Elmwood Park 170089

**REVISED AREA**

35

36

625

625

625.0

622.8

622.8

623.2

624.9

BRIDLE PATH

Des Plaines River

Golf Course Tributary

Profile Baseline

ZONE AE

ZONE AE

COUNTRY CLUB LN

CORTLAND ST

CORTLAND ST

CORTLAND PKWY

BLOOMINGDALE AVE

WABANSIA AVE

ARMITAGE AVE

DICKENS AVE

PALMER ST

BELDEN AVE

FULLERTON AVE

FULLERTON AVE

THATCHER AVE

THATCHER RD

ERIE ST

DAVISSON ST

HAYMOND ST

30TH AVE

79TH AVE

78TH CT

78TH AVE

77TH CT

77TH AVE

77TH AVE

76TH CT

76TH AVE

75TH CT

75TH AVE

79TH CT

79TH AVE

78TH CT

78TH AVE

77TH CT