



Federal Emergency Management Agency

Washington, D.C. 20472

August 17, 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Sean R. McDermott
Mayor, City of Countryside
5550 East Avenue
Countryside, IL 60525

IN REPLY REFER TO:

Case No.: 15-05-6492P
Community Name: City of Countryside, IL
Community No.: 170079
Effective Date of
This Revision: December 30, 2016

Dear Mayor McDermott:

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 Chicago, Illinois, at (312) 408-5500, or the FEMA Map Information eXchange (FMIX) 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,

Patrick "Rick" F. Sacbibit, P.E., Branch 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: The Honorable Toni Preckwinkle
President, Cook County Board

The Honorable Thomas E. Livingston
Village President, Village of La Grange

Ms. Angela Mesaros
Assistant Community Development Director, Village of La Grange

Mr. Jim Essig
Superintendent of Public Works, City of Countryside

Mr. Tim Bleuher
Building and Zoning Commissioner, Cook County

Mr. Don Dressel
Christopher B. Burke Engineering Ltd.

Mr. Paul Osman
State NFIP Coordinator, Illinois Department of Natural Resources



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LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Countryside Cook County Illinois	NO PROJECT	FLOODWAY HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 170079		
IDENTIFIER	Des Plaines River Tributary A LOMR	APPROXIMATE LATITUDE & LONGITUDE: 41.794, -87.881 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 17031C0467J DATE: August 19, 2008		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: August 19, 2008 PROFILE(S): 118P; 119P FLOODWAY DATA TABLE: 19 SUMMARY OF DISCHARGES TABLE: 14	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map;

FLOODING SOURCE(S) & REVISED REACH(ES)

Des Plaines River Tributary A - From just upstream of Brainard Avenue to approximately 1,350 feet upstream of West 55th Place

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Des Plaines River Tributary A	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 (FMIX) 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. Sacbitt, P.E., Branch Chief
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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 170054 **Name:** Unincorporated Areas of Cook County, Illinois

AFFECTED MAP PANELS

TYPE: FIRM NO.: 17031C0367J DATE: August 19, 2008

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: August 19, 2008
PROFILE(S): 118P; 119P
FLOODWAY DATA TABLE: 19
SUMMARY OF DISCHARGES TABLE: 14

CID Number: 170114 **Name:** Village of La Grange, Illinois

AFFECTED MAP PANELS

TYPE: FIRM NO.: 17031C0467J DATE: August 19, 2008

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: August 19, 2008
PROFILE(S): 118P; 119P
FLOODWAY DATA TABLE: 19
SUMMARY OF DISCHARGES TABLE: 14

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 (FMIX) 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 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 (FMIX) 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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Patrick "Rick" F. Sacbibit, P.E., Branch Chief
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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
IL:(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(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 Map Information eXchange (FMIX) 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/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *Pioneer Doings*

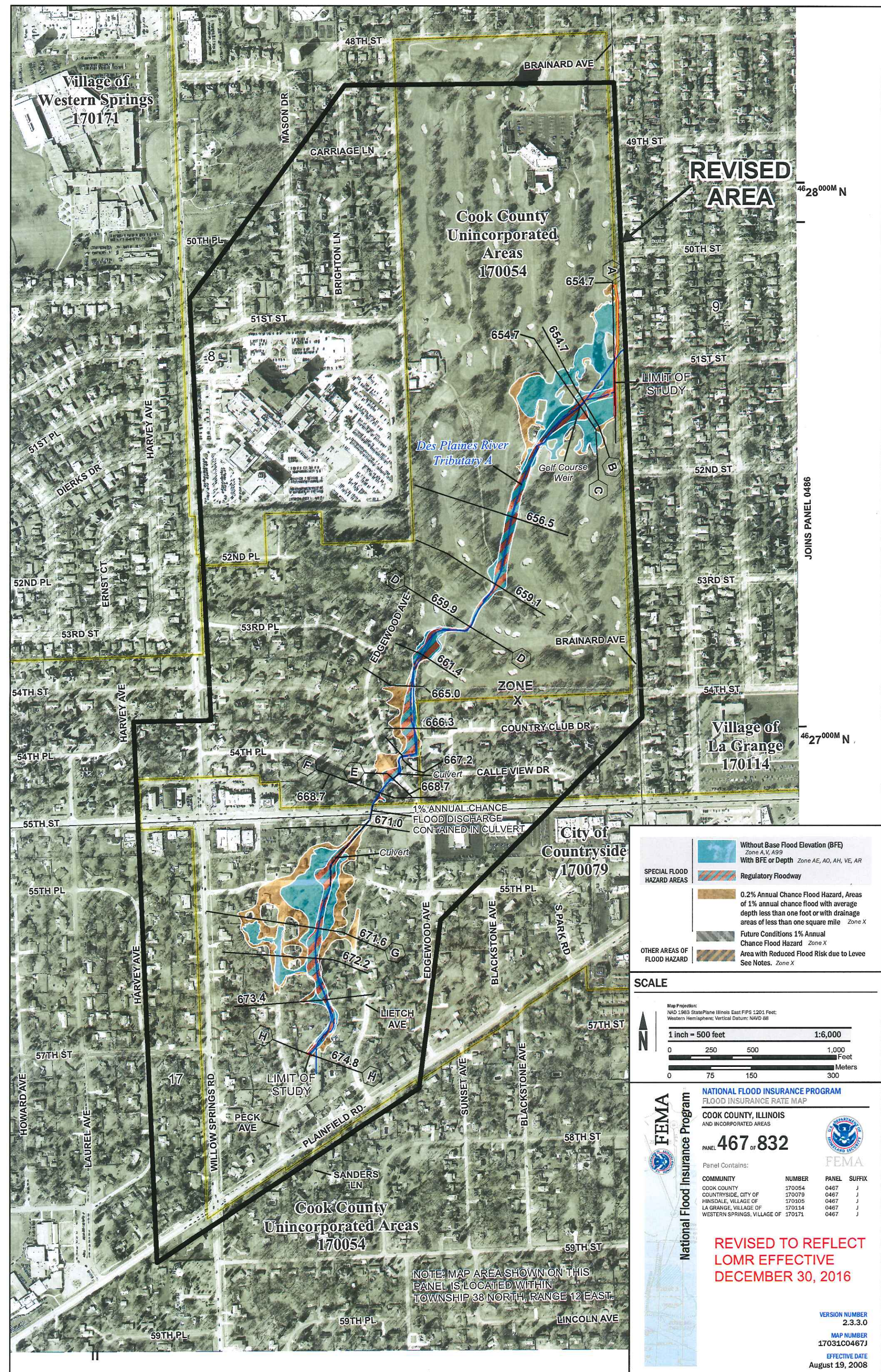
Dates: August 25, 2016 and September 1, 2016

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 (FMIX) 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>.

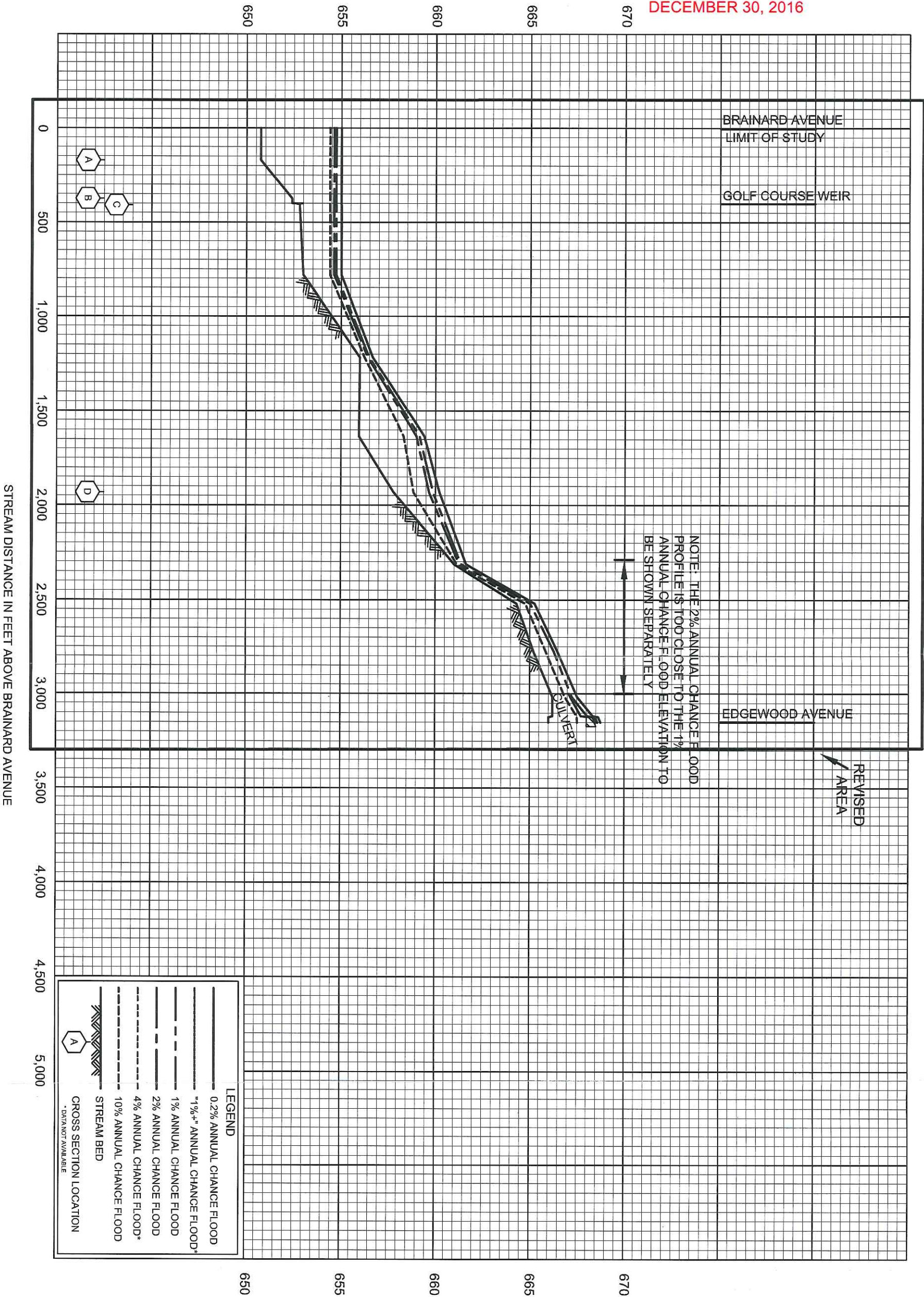
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Engineering Management Branch
Federal Insurance and Mitigation Administration



REVISED TO REFLECT
LOMR EFFECTIVE
DECEMBER 30, 2016

ELEVATION IN FEET (NAVD 88)

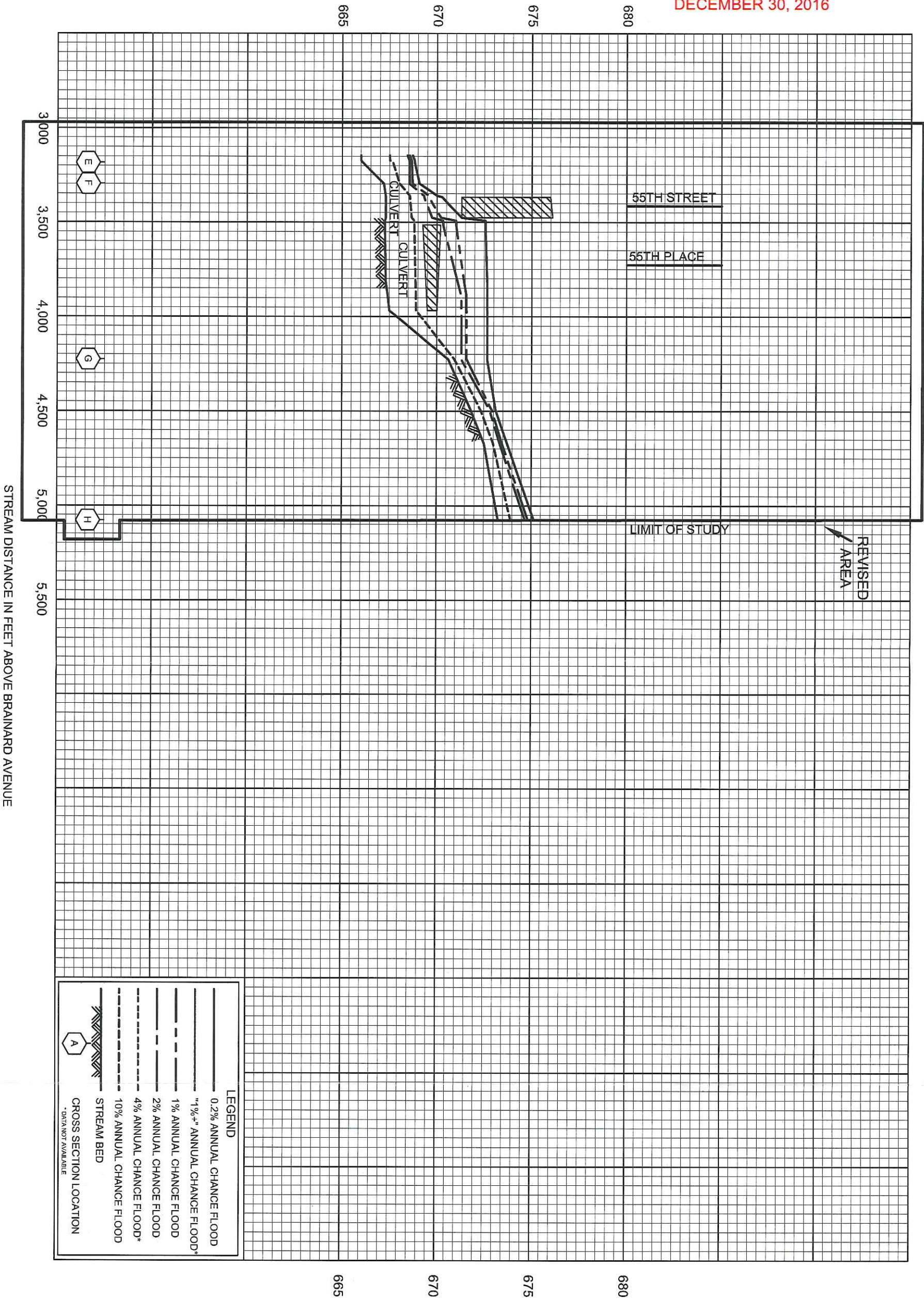


FEDERAL EMERGENCY MANAGEMENT AGENCY
COOK COUNTY, IL
AND INCORPORATED AREAS

FLOOD PROFILES
DES PLAINES RIVER TRIBUTARY A

REVISED TO REFLECT
LOMR EFFECTIVE
DECEMBER 30, 2016

ELEVATION IN FEET (NAVD 88)



FLOOD PROFILES

DES PLAINES RIVER TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

COOK COUNTY, IL
AND INCORPORATED AREAS

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)
Des Plaines River (Cont'd)								
BS	396,576 ⁴	1,026	3,849	1.6	641.9	641.9	642.0	0.1
BT	400,508 ⁴	543	3,902	1.6	643.3	643.3	643.4	0.1
Des Plaines River Tributary A								
A	171 ³⁸	56	193	0.8	654.7	654.7	654.7	0.0
B	373 ³⁸	69	142	1.1	654.7	654.7	654.7	0.0
C	408 ³⁸	140	222	0.7	654.7	654.7	654.8	0.1
D	1,933 ³⁸	30	31	2.5	659.9	659.9	659.9	0.0
E	3,182 ³⁸	104	180	0.4	668.7	668.7	668.7	0.0
F	3,297 ³⁸	12	12	5.8	668.7	668.7	668.7	0.0
G	4,226 ³⁸	40	30	1.8	671.6	671.6	671.7	0.1
H	5,077 ³⁸	33	30	1.5	674.8	674.8	674.9	0.1
REVISED DATA ↗								
Dixie Creek								
A	1,780 ³⁹	325	305	0.1	606.4	606.4	606.5	0.1
B	2,710 ³⁹	576	960	0.1	606.4	606.4	606.5	0.1
C	3,780 ³⁹	190	255	0.2	606.4	606.4	606.5	0.1
D	4,600 ³⁹	141	206	0.2	606.5	606.5	606.6	0.1

⁴ Feet above mouth

³⁸ Feet above Brainard Avenue

³⁹ Feet above Dixie Highway

REVISED TO REFLECT LOMR
EFFECTIVE DECEMBER 30, 2016

TABLE 19

FEDERAL EMERGENCY MANAGEMENT AGENCY

COOK COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

DES PLAINES RIVER – DES PLAINES RIVER
TRIBUTARY A – DIXIE CREEK

Table 14 - Summary of Discharges (Continued)

<i>Flooding Source and Location</i>	<i>Drainage Area (square miles)</i>	<i>Peak Discharges (cubic feet per second)</i>			
		<i>10-Percent- Annual-Chance</i>	<i>2-Percent- Annual-Chance</i>	<i>1-Percent- Annual-Chance</i>	<i>0.2-Percent- Annual-Chance</i>
Deer Creek Tributary B					
At a point approximately 1,800 feet upstream of confluence with Deer Creek	2.9	350	600	776	1,100
At Cottage Grove Avenue	2.3	300	520	675	970
Des Plaines River					
At Interstate Route 55	650.0	6,000	7,500	8,400	9,300
At the Tri-State Tollway	650.0	6,000	7,500	8,400	9,300
At 47th Street	632.0	5,930	7,370	7,900	9,000
At Ogden Avenue	630.8	5,923	7,363	7,895	8,990
At a point approximately 500 feet upstream of Hoffman Dam	629.3	5,833	7,203	7,706	8,883
At a point approximately 1,000 feet downstream of 31st Street	484.5	5,139	6,272	6,692	7,510
At a point approximately 1,800 feet downstream of Chicago Avenue	459.8	4,990	6,100	6,508	7,286
At a point approximately 3,000 feet downstream of Kennedy Expressway	419.4	4,487	5,765	6,223	7,144
At Algonquin Road	382.1	4,385	5,728	6,193	7,256
At a point approximately 1,600 feet upstream of Golf Road	362.7	4,226	5,577	6,161	7,395
At a point approximately 1,300 feet downstream of Palatine Road	357.6	4,322	5,780	6,308	7,470
At a point approximately 1,600 feet downstream of Dundee Road	326.5	3,727	5,367	6,018	7,511
Des Plaines River Tributary A					
At Brainard Avenue	1.0	58	122	159	262
Dixie Creek REVISED DATA					
At Dixie Highway	1.2	66	100	135	250
DuPage River West Branch					
At Irving Park Road	4.5	322	594	807	1,150
East Avenue Ditch					
600 feet downstream of East Avenue Culvert	1.2	402	694	864	1,231
2,015 feet upstream of 58th Street	0.2	190	334	414	595

* Data not available

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LOMR EFFECTIVE
DECEMBER 30, 2016