



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Town of Willsboro Essex County New York	DAM REMOVAL	FLOODWAY HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA WEIR-DAM CHANGES
	COMMUNITY NO.: 360267		
IDENTIFIER	Sam Mill Dam Removal	APPROXIMATE LATITUDE & LONGITUDE: 44.368, -73.388 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 3602670020C DATE: May 18, 1992		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: May 18, 1992 PROFILE(S): 02P AND 03P FLOODWAY DATA TABLE: 3 SUMMARY OF DISCHARGES TABLE: 1	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

Boquet River - From approximately 3,570 feet downstream of Route 22 to approximately 3,375 feet upstream of Route 22

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Boquet River	Zone AE	Zone AE	YES	YES
	Zone X (unshaded)	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. Sacbabit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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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 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)

Because the FIS report establishing the BFEs for your community has been completed, certain additional requirements must be met under Section 1361 of the National Flood Insurance Act of 1968, as amended, within 6 months from the date of this letter. Prior to the effective date of this revision your community is required, as a condition of continued eligibility in the National Flood Insurance Program (NFIP), to adopt or show evidence of adoption of floodplain management regulations that meet the standards of Paragraph 60.3(d) of the enclosed NFIP regulations (44 CFR 59, etc.). These standards are the minimum requirements and do not supersede any State or local requirements of a more stringent nature.

It must be emphasized that all the standards specified in Paragraph 60.3(d) of the NFIP regulations must be enacted in a legally enforceable document. This includes adoption of the current effective FIS report and FIRM to which the regulations apply and other modifications made by this map revision. Some of the standards should already have been enacted by your community in order to establish initial eligibility in the NFIP.

Your community can meet any additional requirements by taking one of the following actions:

1. Amending existing regulations to incorporate any additional requirements of Paragraph 60.3(d).
2. Adopting all the standards of Paragraph 60.3(d) into one new, comprehensive set of regulations.
3. Showing evidence that regulations have previously been adopted that meet or exceed the minimum requirements of Paragraph 60.3(d).

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. Michael Moriarty
Director, Mitigation Division
Federal Emergency Management Agency, Region II
26 Federal Plaza, 13th Floor
New York, NY 10278-0002
(347) 838-0427

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 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)**

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: *Press & Sun Bulletin*

Dates: August 12, 2019 and August 19, 2019

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. This revision will be effective 6 months from the date of this letter and only after we have resolved any appeals that we receive during the 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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Federal Insurance and Mitigation Administration

TABLE 1: Summary of Discharges

<u>FLOODING SOURCE AND LOCATION</u>	<u>DRAINAGE AREA (SQ. MILES)</u>	PEAK DISCHARGES (CFS)			
		10-Year	50-Year	100-Year	500-Year
Bouquet River Downstream limit of detailed study	275.5	*	*	13,360	*
*Data not available					

**REVISED
DATA**

**REVISED TO
REFLECT LOMR
EFFECTIVE: February 5, 2020**

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NGVD29)	WITHOUT FLOODWAY (FEET NGVD29)	WITH FLOODWAY (FEET NGVD29)	INCREASE (FEET)
Bouquet River								
A	900	368	4,168	2.8	102.0	100.1 ²	101.1 ²	1.0
B	8,350	214	2,695	4.4	103.0	103.0	103.7	0.7
C	10,371	264	2,260	6.0	106.6	106.6	107.3	0.7
D	11,561	189	1,433	11.1	109.3	109.3	109.7	0.4
E	12,736	204	1,312	10.3	148.5	148.5	148.5	0.0
F	13,853	167	1,697	8.6	155.7	155.7	155.8	0.1
G	17,013	120	1,353	11.5	166.5	166.5	167.2	0.7
H	19,850	180	1,521	7.8	173.7	173.7	173.8	0.1
I	23,170	130	1,542	7.7	179.3	179.3	179.4	0.1
J	26,930	175	2,667	4.4	184.1	184.1	184.6	0.5
K	30,320	110	1,253	7.5	188.7	188.7	189.5	0.8
L	33,450	200	2,097	4.5	193.0	193.0	193.4	0.4
M	36,570	175	2,148	4.4	195.3	195.3	195.7	0.4

**REVISED
DATA**

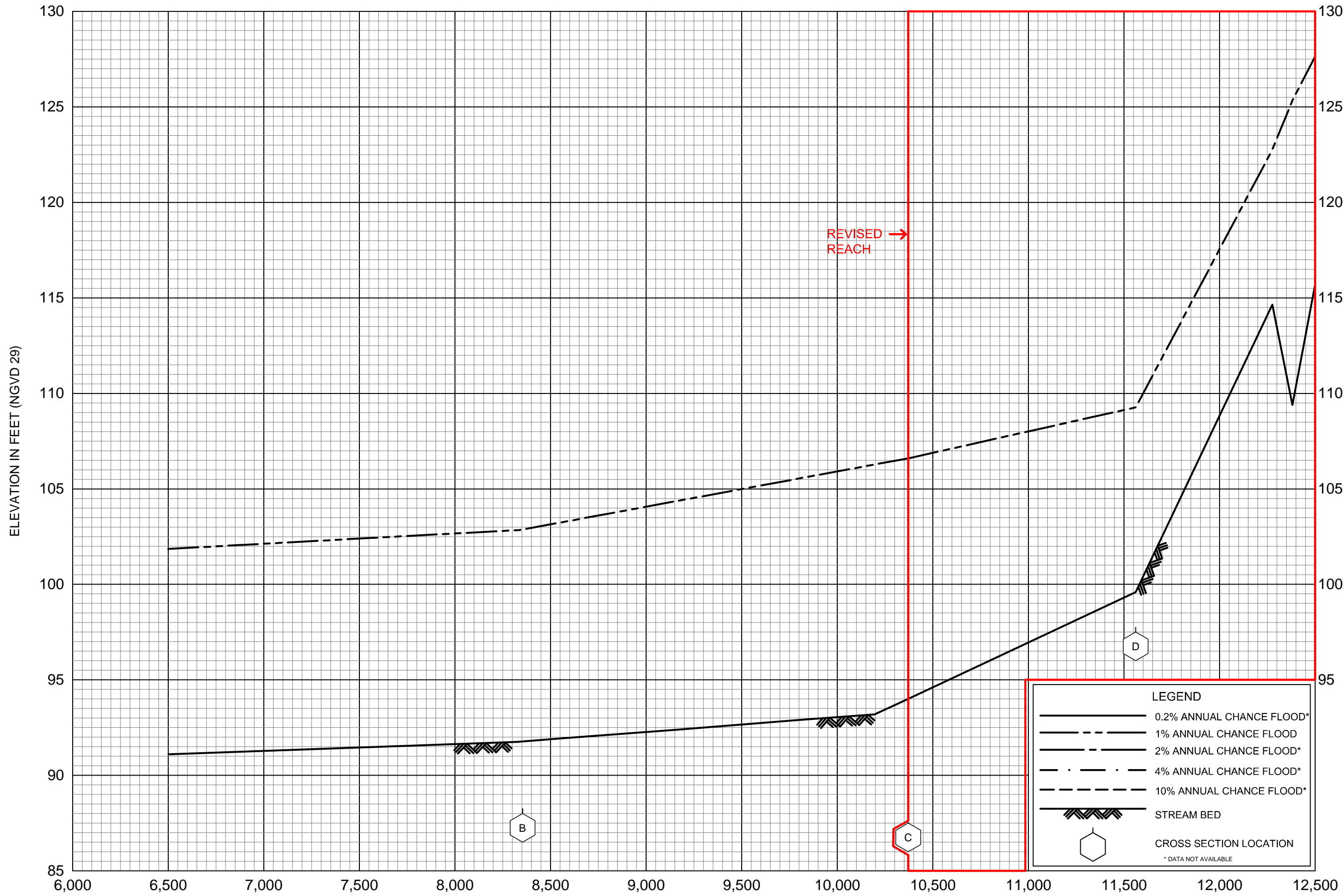


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¹ Feet Above Confluence with Lake Champlain

² Elevation computed without consideration of backwater effects from Lake Champlain

TABLE 3	FEDERAL EMERGENCY MANAGEMENT AGENCY TOWN OF WILLSBORO, NY (ESSEX CO.)	FLOODWAY DATA
		BOUQUET RIVER



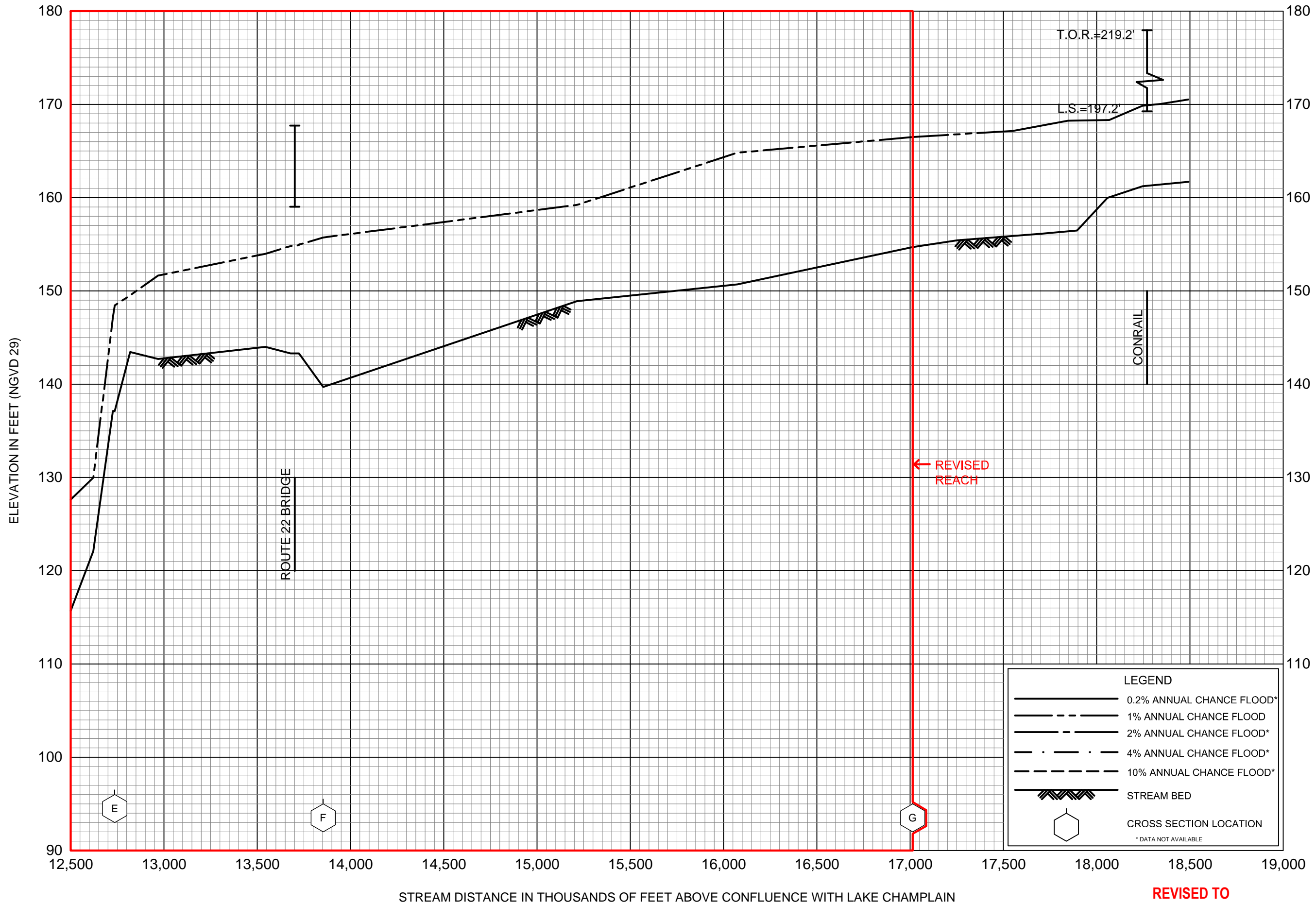
STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CONFLUENCE WITH LAKE CHAMPLAIN

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FLOOD PROFILES
BOUQUET RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
TOWN OF WILLSBORO
(ESSEX CO.)

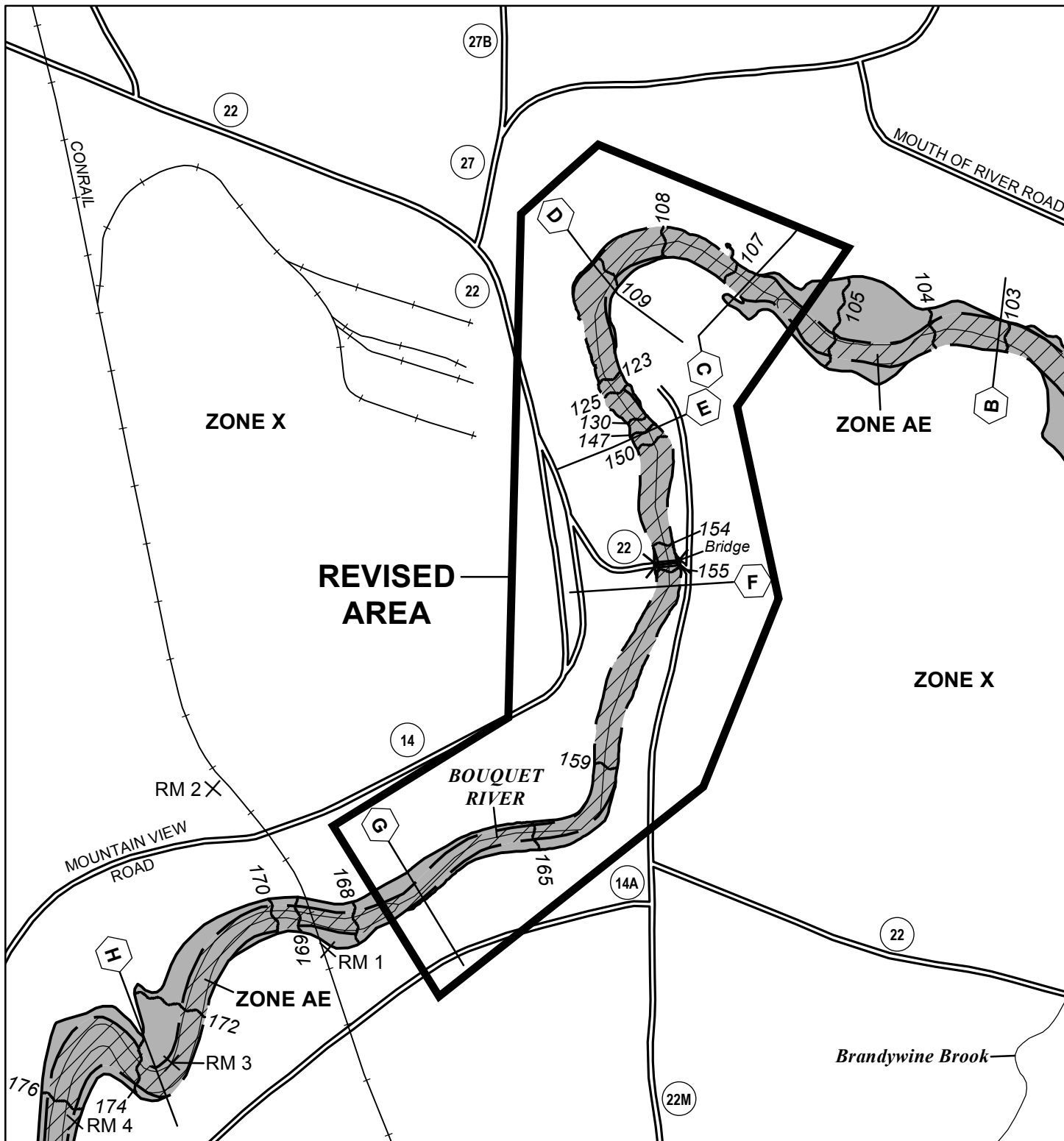
02P



FLOOD PROFILES
BOUQUET RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
TOWN OF WILLSBORO
(ESSEX CO.)

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Legend

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

MAP SCALE 1" = 1000'

500 0 1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

TOWN OF
WILLSBORO, NEW YORK
ESSEX COUNTY

PANEL 20 OF 25
(SEE MAP INDEX FOR PANELS NOT PRINTED)

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EFFECTIVE: February 5, 2020**

PANEL LOCATION

COMMUNITY-PANEL NUMBER
360267 0020 C

MAP REVISED:
MAY 18, 1992

Federal Emergency Management Agency