



# Federal Emergency Management Agency

Washington, D.C. 20472

SEP 29 2000

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Hugh Core  
President of the Auglaize County  
Commission  
201 South Willipie Street  
Suite G11  
Wapakoneta, Ohio 45895

IN REPLY REFER TO:

Case Number: 99-05-275P  
Community Name: Auglaize County, Ohio  
(Unincorporated Areas)  
Community Number: 390761  
Map Panel Number: 39011C0095  
Effective Date of  
this Revision: JAN 10 2001

102-I (c)

Dear Mr. Core:

The Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM) for Auglaize County, Ohio, and Incorporated Areas have been revised by this Letter of Map Revision (LOMR) to reflect more up-to-date hydrologic and hydraulic analyses and more detailed and up-to-date topographic information for Center Branch and Elshoff Ditch than that used to prepare the FIS and FIRM dated September 6, 1989. The subject areas are located in the vicinity of the State Routes 29 and 219 intersection. This LOMR also affects flood hazard information for the Village of New Knoxville. This revision was initiated by [REDACTED], of Mote and Associates, Inc., in a letter dated July 1, 1999.

We received the following technical data, prepared by Mote & Associates, Inc., in support of this revision:

- a technical report, dated July 1, 1999, containing all completed forms, technical details of the hydrologic and hydraulic analyses, and an annotated portion of the aforementioned FIRM;
- An engineering report titled Flood Plain Study for the Village of New Knoxville, dated March 1999, and revised April 2000, containing:
  - a section titled Study Overview, describing the project area and detailing the methods and data used to model Center Branch and Elshoff Ditch;
  - a section titled Water Surface Profile Tables, containing tables of computed water surface elevations (CWSEs) along Center Branch and Elshoff Ditch;
  - a section titled Water Surface Profiles, containing graphical representations of the aforementioned CWSEs;

- a section titled Encroachment Tables, detailing various hydraulic characteristics of Center Branch and Elshoff Ditch; and
- an appendix titled Stream Flow Calculations, detailing the hydrologic analysis using U.S. Geological Survey rural regression equations.
- a certified topographic map, titled FloodPlain Map for New Knoxville, Ohio, dated April 17, 2000, at a scale of 1"=200', with a contour interval of 5 feet, reflecting the 1% annual chance and 0.2% annual chance floodplains and floodway; and
- a HEC-RAS hydraulic model, dated April 22, 2000, of the 10% (10-year), 2% (50-year), 1%, and 0.2% annual chance floods and floodways of Center Branch and Elshoff Ditch, reflecting existing conditions.

In addition to the aforementioned technical data, we received the following correspondence in support of this request:

- a copy of a letter, dated November 1999, informing property owners of the increasing flood hazards along Center Branch and Elshoff Ditch and copies of the return receipts from each property notification; and
- a notarized copy of the public notice that was published in The St. Mary's Evening Leader, on November 30, 1999, certifying that the aforementioned public notice was published in the said newspaper in its issue of November 19, 1999.

We received all data necessary to process this revision by June 20, 2000.

Based on our review of the submitted data, we are issuing this LOMR to reflect a narrowing of the 1% annual chance floodplain, a new delineation of the 0.2% annual chance floodplain, and a relocated portion of the channel along Center Branch. In addition, the LOMR reflects a widening of the 1% annual chance floodplain along Elshoff Ditch. These delineations are based on more detailed topographic information. The maximum narrowing of the 1% annual chance floodplain for Center Branch is 720 feet at a point approximately 1,200 feet downstream of the confluence of Elshoff Ditch. Center Branch has been relocated as shown on the annotated FIRM at a point approximately 2,000 feet upstream of South Street. A 0.2% annual chance floodplain has been added by this LOMR to reflect backwater effects from Center Branch. The maximum widening of the 1% annual chance floodplain for Elshoff Ditch is 60 feet at a point approximately 1,800 feet upstream of Spring Street. This LOMR revises the Auglaize County, Ohio, and Incorporated Areas FIS report and FIRM number 39011C0095 C, both dated September 6, 1989, as shown on the enclosed annotated portions of the FIS and FIRM.

This LOMR will become effective to coincide with the scheduled effective date of the LOMR for the Village of New Knoxville. The LOMR for the Village of New Knoxville will become effective after the provision of a 90-day appeal period and the resolution of any appeals that are received. Any requests to review or alter this determination should be made within 90 days and must be based on scientific or technical data.

We based this determination on the 1% annual chance discharges computed in the aforementioned hydrologic analyses. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your county'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 county must approve all proposed floodplain development and ensure that permits required by Federal and/or State law have been obtained. State or county officials, based on knowledge of local conditions and in the interest of safety, may set standards for construction that are higher than the minimum National Flood Insurance Program (NFIP) criteria or may limit development in floodplain areas. If the State of Ohio or Auglaize County has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

Because of funding constraints, we must limit the number of map republications. Consequently, we will not republish the FIS and FIRM for Auglaize County and incorporated areas to reflect this determination. However, we will incorporate this determination when we next republish the FIS and FIRM number 39011C0095. We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the county 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 county'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.

We have enclosed a document titled "List of Current Flood Insurance Study Data," which includes this letter, to help your county maintain all information for floodplain management and flood insurance. If any of the items in that document are not filed in your county's map repository, please contact the Federal Emergency Management Agency (FEMA) Map Assistance Center at the number listed below for information on how to obtain those items.

Use the map panel listed above and revised by this letter for flood insurance policies and renewals issued for property located on this panel after the effective date of this LOMR.

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 ordinances that meet or exceed minimum NFIP criteria. These criteria, including adoption of the FIS and FIRM, and modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State or local requirements to which the regulations apply.

If you have any questions, please do not hesitate to contact the Director, Mitigation Division of FEMA in Chicago, Illinois, at (312) 408-5548, or the FEMA Map Assistance Center toll free at 1-877-FEMA MAP (336-2627).

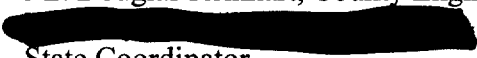
Sincerely,



Philip M. Myers  
Project Engineer  
Hazards Study Branch

For: Matthew B. Miller, P.E., Chief  
Hazards Study Branch  
Mitigation Directorate

Enclosures

cc: The Honorable Michael Gieb, Village Administrator of the Village of New Knoxville  
Mr. Douglas Reinhart, County Engineer  
  
State Coordinator

## **LIST OF CURRENT FLOOD INSURANCE STUDY DATA**

This list is provided to document all information currently effective for your community for insurance and floodplain management.

Date: SEP 29 2000  
Community: Auglaize County, Ohio (Unincorporated Areas)  
Community Number: 390761  
Page Number: 1 of 3

**CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE:** September 6, 1989

### **FLOOD INSURANCE RATE MAP**

Map Index  
39011C0000

Effective Date  
September 6, 1989

Map Numbers  
39011C0010 C, 39011C0020 C,  
39011C0025 C, 39011C0050 C,  
39011C0080 C, 39011C0085 C,  
39011C0090 C, 39011C0095 C,  
39011C0105 C, 39011C0175 C

Effective Date  
September 6, 1989

### **LETTERS OF MAP REVISION**

Map Numbers  
39011C0095 C

Effective Date  
JAN 10 2001

### **LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL**

Map Numbers  
39011C0025 C

Effective Date  
August 15, 2000  
March 30, 2000  
June 17, 1998

## LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL

### Map Numbers

39011C0080 C

39011C0085 C

39011C0090 C

### Effective Date

September 24, 1999

March 6, 1998

December 29, 1993

November 22, 1993

December 29, 1993

May 5, 2000

February 11, 2000

January 21, 2000

November 5, 1999

March 12, 1999

February 17, 1999

January 6, 1999

October 9, 1998

October 7, 1998

September 16, 1998

July 29, 1998

July 22, 1998

November 10, 1997

October 21, 1997

August 15, 1997 (2) <sup>1</sup>

March 20, 1997

November 19, 1996

November 5, 1996

September 12, 1996

July 31, 1996

July 24, 1996

May 29, 1996

January 31, 1996

January 17, 1996

October 13, 1995

June 23, 1995

May 23, 1995

April 10, 1995

September 20, 1994

August 1, 1994

June 21, 1994

April 22, 1994

December 29, 1993 (2)<sup>1</sup>

39011C0105 C

May 15, 1998

Map Numbers

Effective Date

April 15, 1994<sup>2</sup>

December 17, 1993 (4)<sup>1,2</sup>

August 11, 1992<sup>2</sup>

March 26, 1992<sup>2</sup>

February 5, 1992<sup>2</sup>

**BEST AVAILABLE DATA LETTERS**

None

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<sup>1</sup> Number in parenthesis indicates the number of Letters of Map Change issued for this panel on this date.

<sup>1</sup> Number in parenthesis indicates the number of Letters of Map Change issued for this panel on this date.

<sup>2</sup> Map Panel Number unavailable for this Letter of Map Change.

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
Center Branch	21,500	51	322	4.7	891.0	891.0	891.0	0.0
	22,631	86	452	3.4	893.6	893.6	893.9	0.3
	23,889	52	260	3.0	896.9	896.9	897.0	0.1
	25,461	76	441	1.8	900.8	900.8	901.2	0.4
	26,947	56	321	2.4	902.2	902.2	903.0	0.8
Elshoff Ditch	647	55	236	3.2	895.0	895.0	895.3	0.3
	1,805	99	428	1.8	898.2	898.2	898.6	0.4

<sup>1</sup>Feet above mouth

Note: Revised to Reflect LOMR  
Effective: JAN 10 2001

FEDERAL EMERGENCY MANAGEMENT AGENCY

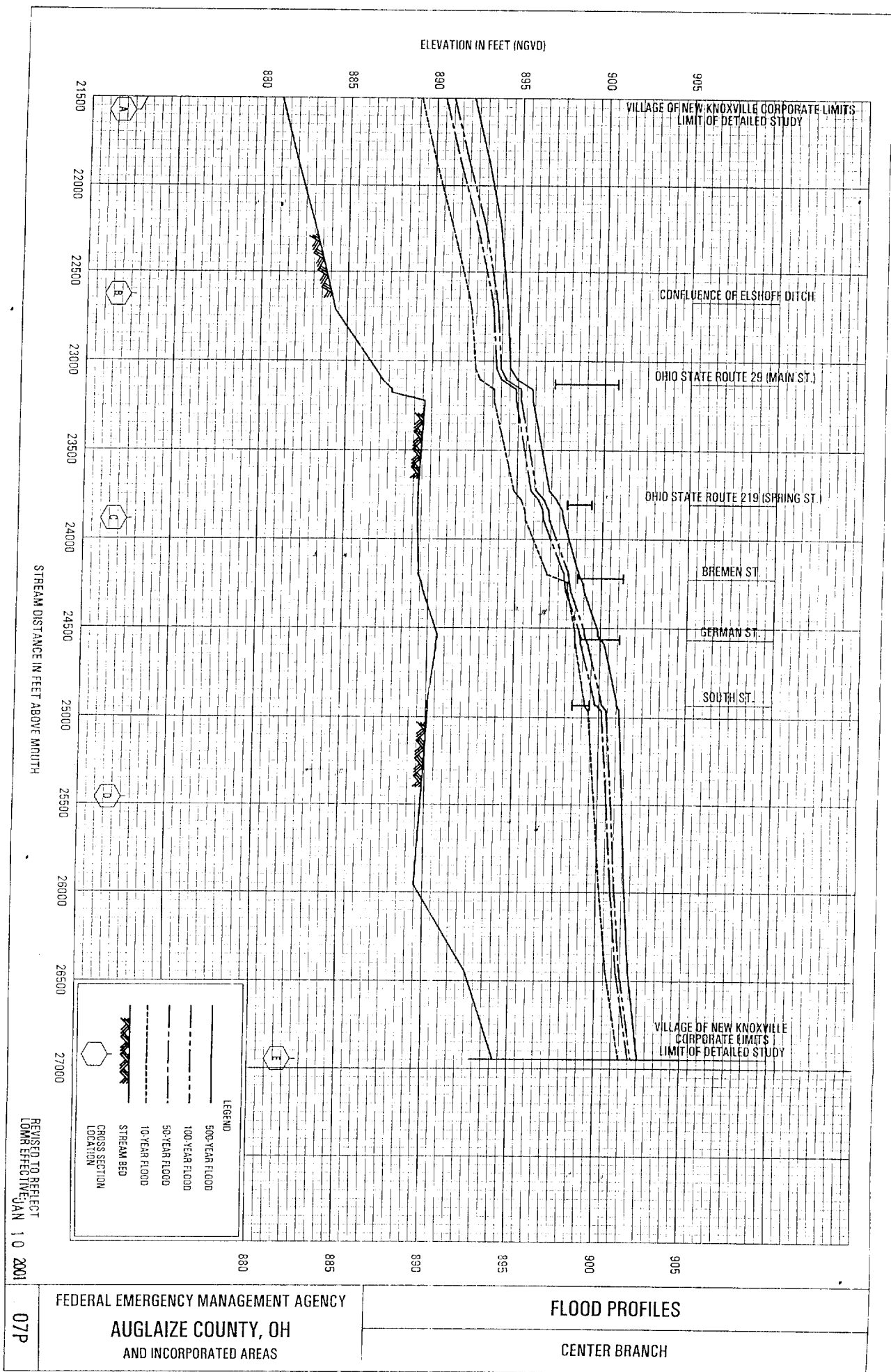
AUGLAIZE COUNTY, OH  
AND INCORPORATED AREAS

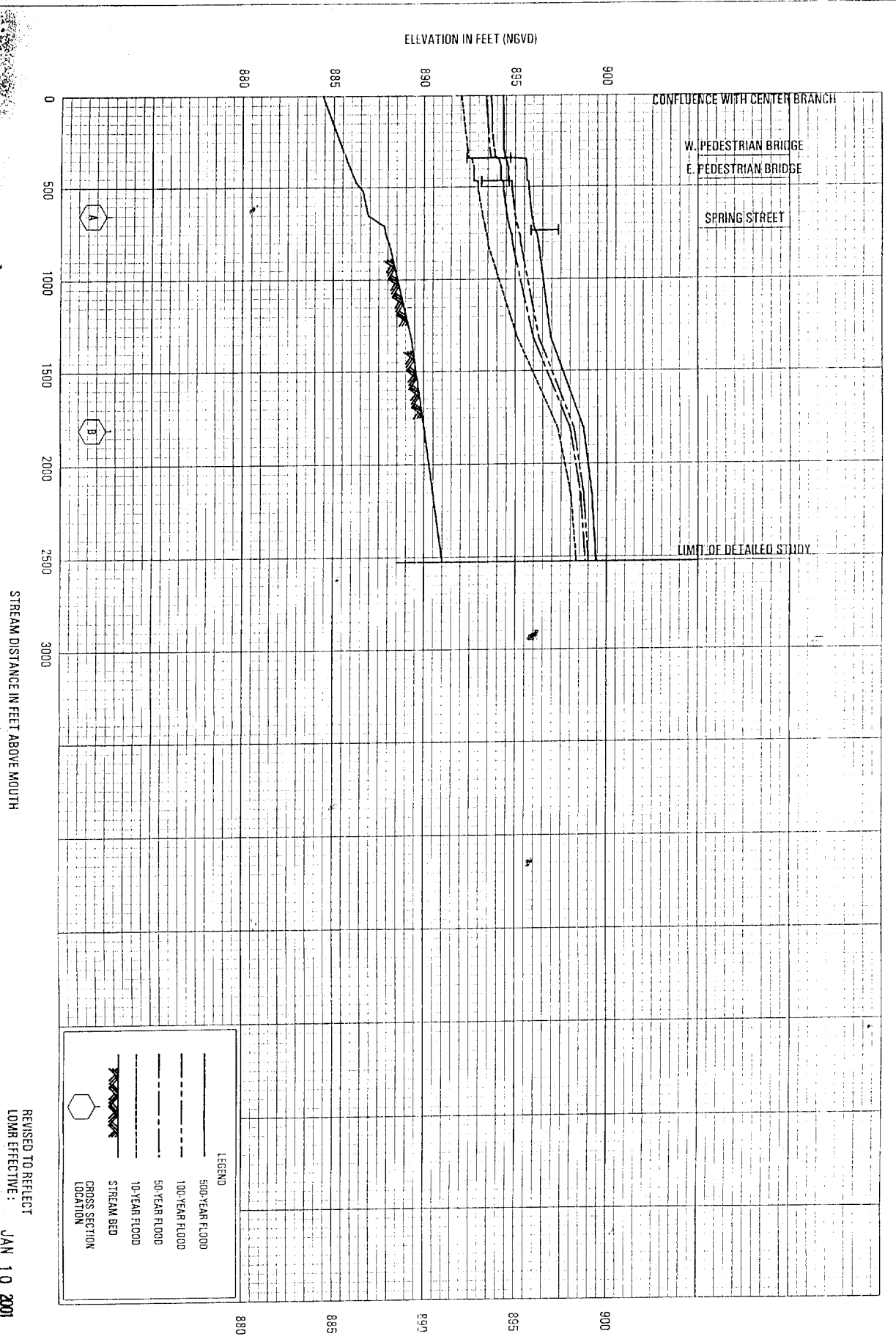
## FLOODWAY DATA

CENTER BRANCH - ELSHOFF DITCH

TABLE 3







REVISED TO REFLECT  
LOWR EFFECTIVE : JAN 10 2001

# MAP LEGEND

- REVISED FLOODWAY
- REVISED 100-YEAR FLOODPLAIN
- REVISED 500-YEAR FLOODPLAIN
- BOUNDARY DIVIDING SPECIAL FLOOD HAZARD ZONES



APPROXIMATE SCALE

1000 0 1000 FEET

## NATIONAL FLOOD INSURANCE PROGRAM

### FIRM

FLOOD INSURANCE RATE MAP  
AUGLAIZE COUNTY,  
OHIO AND  
INCORPORATED AREAS

PANEL 95 OF 175

(SEE MAP INDEX FOR PANELS NOT PRINTED)

#### CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW KNOXVILLE VILLAGE OF	390761	0048	C
UNINCORPORATED AREAS	390771	0056	C

MAP NUMBER  
3907100095 C

EFFECTIVE DATE:  
SEPTEMBER 6, 1989

REVISED TO REFLECT  
LOMR EFFECTIVE:  
JAN 10 2001



Federal Emergency Management Agency

