



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 Scranton Lackawanna County Pennsylvania	LEVEE	BASE MAP CHANGES
	COMMUNITY NO.: 420538		
IDENTIFIER	Scranton, Lackawanna County	APPROXIMATE LATITUDE AND LONGITUDE: 41.427, -75.661 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 4205380015B DATE: August 15, 1980 TYPE: FIRM NO.: 4205380010B DATE: August 15, 1980		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: February 15, 1980 PROFILE: 11P FLOODWAY DATA TABLE: 2	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map;

FLOODING SOURCE AND REVISED REACH

See Page 2 for Additional Flooding Sources

Lackawanna River - from approximately 230 feet downstream of the North Scranton Expressway to approximately 490 feet downstream of the confluence of Leggetts Creek

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Lackawanna River	Zone A7	Zone A99	NONE	NONE
	Zone A10	Zone A99	NONE	NONE

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. **This revision is based on the A99 application submitted by the City of Scranton and is in accordance with an acceptance letter sent to the City, dated July 1, 2011.** 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, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

Jonathan E. Westcott, P.E., Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE AND REVISED REACH

Meadow Brook - from the confluence with Lackawanna River to approximately 880 feet upstream of the confluence with Lackawanna River

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Meadow Brook	BFEs *	No BFEs	NONE	YES
	Zone A10	Zone A99	NONE	NONE

* 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at <http://www.fema.gov/business/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.

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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

A handwritten signature in cursive script, appearing to read "Jonathan E. Westcott".

Jonathan E. Westcott, P.E., Program Specialist
Engineering Management Branch
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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:

Mr. Eugene K. Gruber
Director, Mitigation Division
Federal Emergency Management Agency, Region III
One Independence Mall, Sixth Floor
615 Chestnut Street
Philadelphia, PA 19106-4404
(215) 931-5512

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, this LOMR may be superseded at that time.

Because this revision does not involve floodway changes, we are not revising the Flood Boundary and Floodway Map (FBFM); therefore, no annotated copy of FBFM is enclosed. Unless a subsequent physical map revision involves floodway changes for the FBFM panels, we will not revise the FBFM to show the modifications described in this LOMR.

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, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

PUBLIC NOTIFICATION OF REVISION

This revision is effective as of the date of this letter. Within 30 days, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data.

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, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

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FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FT.)	SECTION AREA (SQ. FT.)	MEAN VELOCITY (F.P.S.)	REGULATORY (NGVD)	WITHOUT FLOODWAY (NGVD)	WITH FLOODWAY (NGVD)	INCREASE (FEET)
Roaring Brook (continued)								
AS	12,108	86	841	16.4	881.1	881.1	881.6	0.5
AT	12,288	93	866	15.9	886.5	886.5	887.4	0.9
AU	12,458	79	811	17.0	890.2	890.2	891.1	0.9
AV	12,706	78	824	16.7	896.0	896.0	896.6	0.6
AW	12,889	64	781	17.7	899.2	899.2	899.4	0.2
AX	13,154	103	1,674	8.2	905.8	905.8	906.0	0.2
AY	13,512	201	2,543	5.4	906.8	906.8	907.3	0.5
AZ	13,825	213	1,480	9.3	907.2	907.2	907.4	0.2
BA	14,071	169	1,812	7.6	908.4	908.4	909.4	1.0
BB	14,456	502	3,375	4.1	910.7	910.7	911.7	1.0
BC	14,915	282	1,375	10.0	912.7	912.7	913.1	0.4
BD	15,152	304	1,585	8.7	915.2	915.2	915.5	0.3
BE	15,552	300	2,659	5.2	921.1	921.1	921.9	0.8
BF	15,816	210	1,746	7.9	921.2	921.2	922.0	0.8
Meadow Brook								
A	348	64	139	6.7	NONE	694.9 ²	695.1	0.2
B	508	38	107	8.7	NONE	697.1 ²	697.2	0.1

¹Feet above confluence with Lackawanna River

²Elevation computed without consideration of backwater effects of the Lackawanna River

← REVISED DATA

TABLE 2

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

CITY OF SCRANTON, PA
(LACKAWANNA CO.)

FLOODWAY DATA

ROARING BROOK AND MEADOW BROOK

REVISED TO
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EFFECTIVE: July 6, 2011

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FT.)	SECTION AREA (SQ. FT.)	MEAN VELOCITY (F.P.S.)	REGULATORY (NGVD)	WITHOUT FLOODWAY (NGVD)	WITH FLOODWAY (NGVD)	INCREASE (FEET)
Meadow Brook (continued)								
C	785	60	160	5.8	NONE	700.4 ²	700.8	0.4
D	1,100	30	138	6.7	703.4	703.4	704.4	1.0
E	1,180	30	154	6.0	704.2	704.2	704.9	0.7
F	1,399	20	230	4.0	716.6	716.6	716.6	0.0
Leggetts Creek								
A	126	280	1,689	3.4	726.7	726.7	726.7	0.0
B	266	270	938	6.2	726.7	726.7	726.7	0.0
C	501	220	1,198	4.8	728.5	728.5	729.4	0.9
D	831	130	799	7.2	729.5	729.5	730.0	0.5
E	1,206	74	514	11.3	736.4	736.4	736.4	0.0
F	1,430	48	472	12.3	738.2	738.2	738.4	0.2
G	1,840	54	446	13.0	742.2	742.2	742.7	0.5
H	2,190	120	660	8.8	747.2	747.2	747.6	0.4
I	2,530	137	705	8.2	749.8	749.8	750.7	0.9
J	2,870	79	642	9.0	752.9	752.9	753.8	0.9
K	3,200	46	418	13.9	755.7	755.7	756.4	0.7
L	3,571	86	957	6.1	762.4	762.4	763.2	0.8

← REVISIED DATA

¹Feet above confluence with Lackawanna River

²Elevation computed without consideration of backwater effects of the Lackawanna River

REVISED TO REFLECT LOMR EFFECTIVE: July 6, 2011

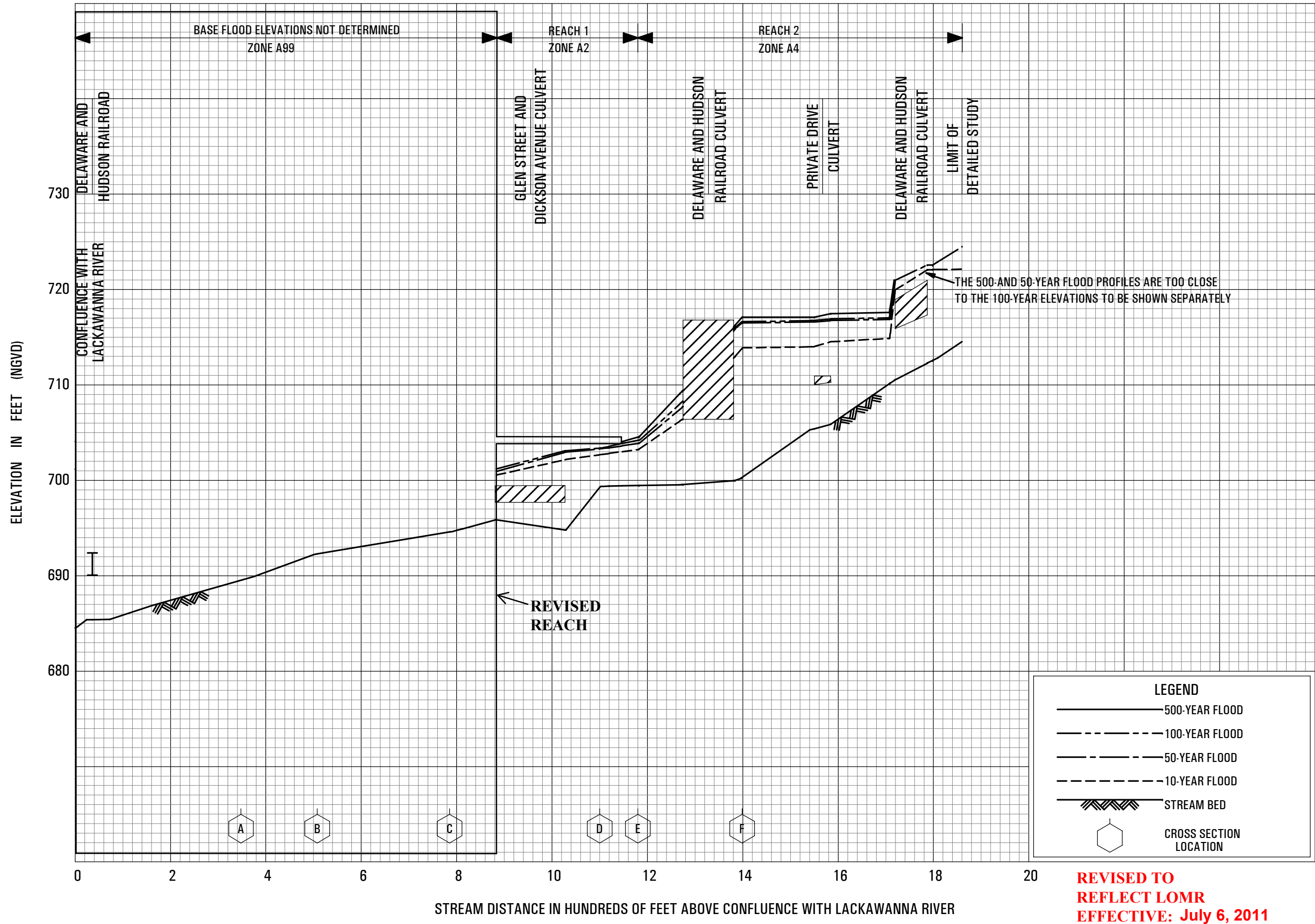
TABLE 2

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

CITY OF SCRANTON, PA
(LACKAWANNA CO.)

FLOODWAY DATA

MEADOW BROOK AND LEGGETTS CREEK



FLOOD PROFILES

MEADOW BROOK

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration
CITY OF SCRANTON, PA
(LACKAWANNA CO.)

REVISED TO REFLECT LOMR EFFECTIVE: July 6, 2011