



Federal Emergency Management Agency

Washington, D.C. 20472

OCT 30 2013

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Michael F. Brennan
Mayor, City of Portland
City Hall, 389 Congress Street
Portland, ME 04101

IN REPLY REFER TO:

Case No.: 13-01-1727P
Community Name: City of Portland, ME
Community No.: 230051
Effective Date of
This Revision: March 20, 2014

91 7108 2133 3938 2996 8709

Dear Mayor Brennan:

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 Boston, Massachusetts, at (617) 832-4761, 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/nfip>.

Sincerely,

Todd A. Steiner, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

For: Luis Rodriguez, P.E., 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: Ms. Marge Schmuckal
Zoning Administrator, City of Portland

Mr. Michael J. Bobinsky
Director of Public Services, City of Portland

Mr. Daniel Riley, P.E., CFM
Senior Project Manager, Sebago Technics, Inc.

Ms. Susan Baker, CFM
Maine Floodplain Management Program, Department of Agriculture, Conservation & Forestry



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 Portland Cumberland County Maine	CHANNELIZATION CULVERT	BASE MAP CHANGES FLOODWAY HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA UPDATE
	COMMUNITY NO.: 230051		
IDENTIFIER	Fall Brook Watershed Study	APPROXIMATE LATITUDE & LONGITUDE: 43.693, -70.281 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 2300510002C DATE: December 8, 1998 TYPE: FIRM NO.: 2300510007C DATE: December 8, 1998		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: December 08, 1998 PROFILE(S): 05P, 06P AND 07P FLOODWAY DATA TABLE: 4 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)

See Page 2 for Additional Flooding Sources

Fall Brook - From the confluence with Back Cove to approximately 1,000 feet upstream of a paved walkway

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Fall Brook	Zone AE	Zone AE	YES	YES
	Zone X (unshaded)	Zone X (unshaded)	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>.

Todd A. Steiner, Program Specialist
Engineering Management 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(S) & REVISED REACH(ES)

Fall Brook - From the confluence with Back Cove to approximately 1,000 feet upstream of a paved walkway

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Fall Brook	Zone X (shaded)	Zone X (shaded)	YES	YES

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>.

Todd A. Steiner, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

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.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

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>.

A handwritten signature in black ink, appearing to read "Todd A. Steiner".

Todd A. Steiner, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



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Washington, D.C. 20472

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. Kevin Merli
Director, Mitigation Division
Federal Emergency Management Agency, Region I
99 High Street, Sixth Floor
Boston, MA 02110
(617) 832-4761

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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Federal Insurance and Mitigation Administration



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Washington, D.C. 20472

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

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information 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.

LOCAL NEWSPAPER

Name: *Portland Press Herald*

Dates: November 13, 2013 and November 20, 2013

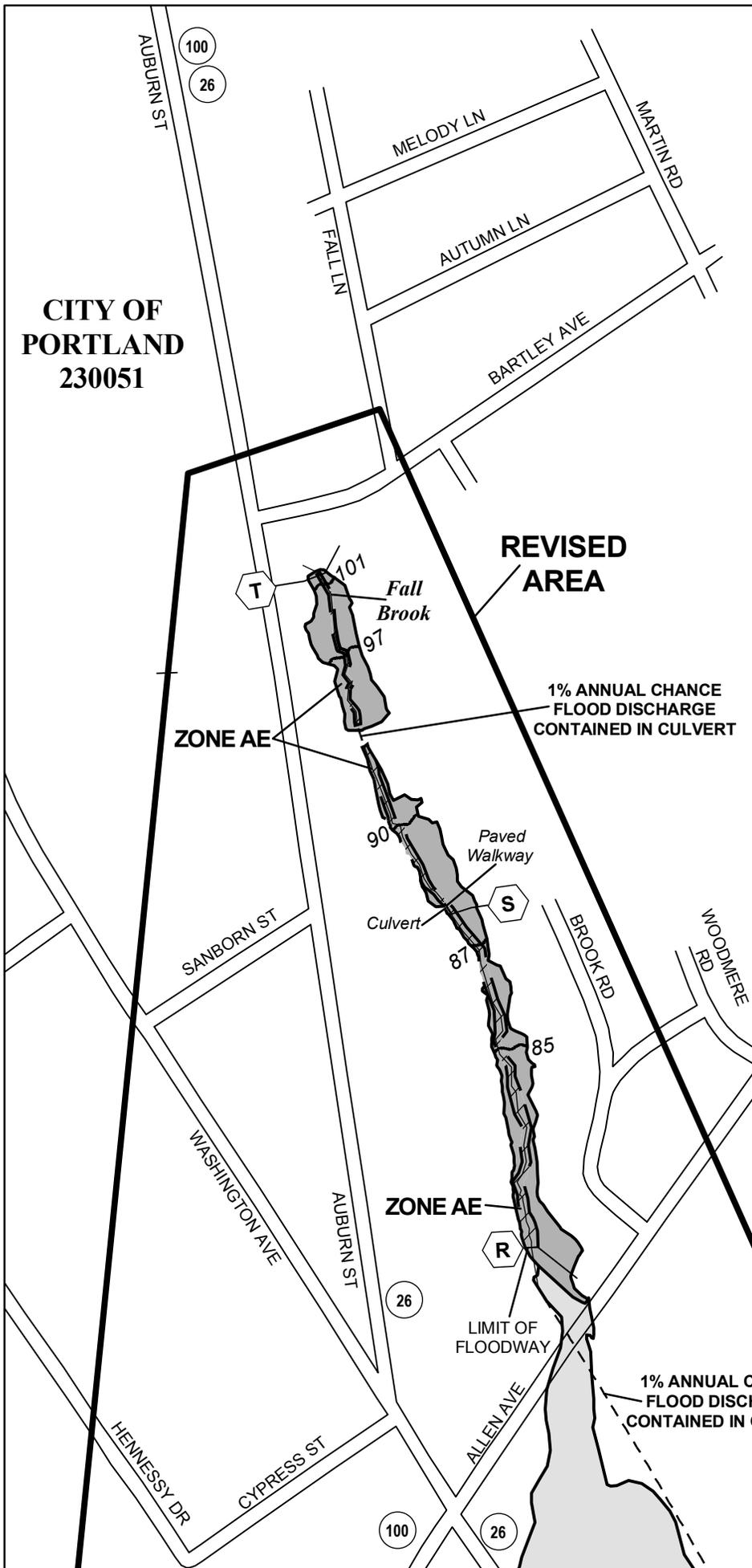
Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we 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 (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

CITY OF
PORTLAND
230051

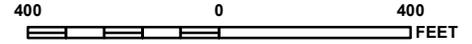


Legend

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



MAP SCALE 1" = 400'



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
PORTLAND,
MAINE
CUMBERLAND COUNTY

PANEL 2 OF 17
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**REVISION TO
REFLECT LOMR
EFFECTIVE:
March 20, 2014**

COMMUNITY-PANEL NUMBER
230051 0002 C

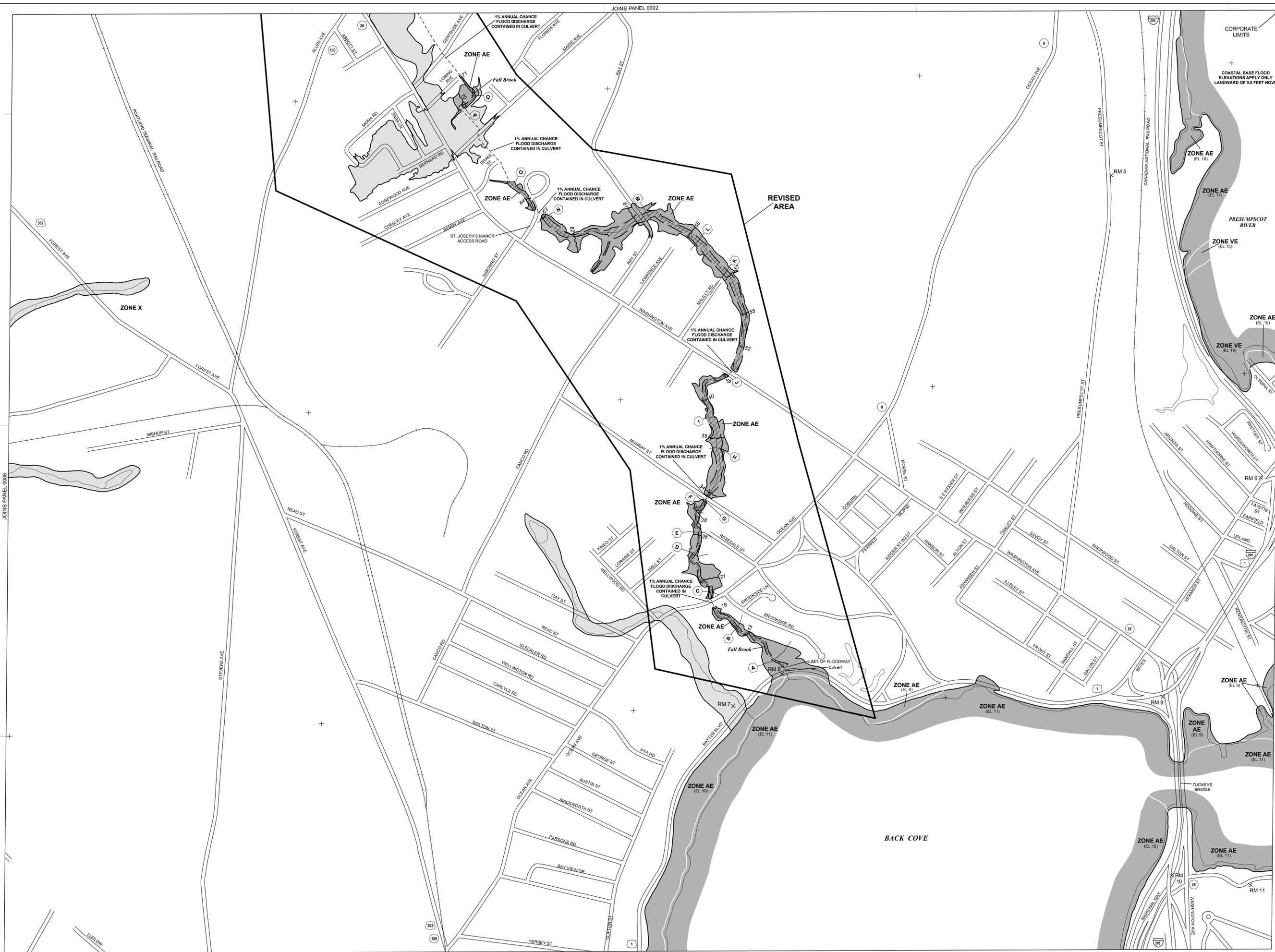
MAP REVISED:
DECEMBER 8, 1998



Federal Emergency Management Agency

CITY OF
PORTLAND
230051

JOINS PANEL 0007



LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD
ZONE A No base flood elevations determined.
ZONE AE Base flood elevations determined.
ZONE AH Flood depths of 1 to 3 feet (usually areas of ponds); base flood elevations determined.
ZONE AO Flood depths of 1 to 3 feet (usually steep flow on sloping terrain; average depths determined. For areas of alluvial fan flooding; velocities also determined).
ZONE A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
ZONE V Coastal flood with velocity hazard (wave action); no base flood elevations determined.
ZONE VE Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS
ZONE X Area of 500-year flood; area of 100-year flood with average depth of less than 1 foot or with drainage area less than 1 square mile; and area protected by levees from 100-year flood.
OTHER AREAS Areas determined to be outside 500-year floodplain.
ZONE D Areas in which flood hazards are underdeveloped.
UNDEVELOPED COASTAL BARRIERS

Identified 1983, Identified 1990 or Later, Other Areas Identified from 1979 or Later

Coastal barrier areas are normally located within or adjacent to special flood hazard areas.
 Floodplain Boundary
 Floodway Boundary
 Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones
 Base Flood Elevation Line: Elevation in Feet
 Cross Section Line
 Base Flood Elevation in Feet Where Uniform Within Zone*

RM 7x
 *M 1.5
 From Mile
 *References to the National Geodetic Vertical Datum of 1929

NOTES

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

Coastal base flood elevations apply only landward of 0.0 NVD, and include the effects of wave action; these elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning. Areas of special flood hazard (100-year flood) include Zones A, AE, AH, AO, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodway widths were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency. Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

MAP REPOSITORY
 City of Portland Zoning and Building Inspection Office, 389 Congress Street, Room 315, Portland, Maine 04101 (Maps available for reference only, not for distribution.)

INITIAL IDENTIFICATION:
 APRIL 29, 1977

FLOOD HAZARD BOUNDARY MAP REVISIONS:
 NONE

FLOOD INSURANCE RATE MAP EFFECTIVE:
 JULY 17, 1998

FLOOD INSURANCE RATE MAP REVISIONS:
 December 8, 1998 - to change base flood elevations, to add base flood elevations, to change zone designations, to update map format, and to change floodway

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6633.

APPROXIMATE SCALE
 400 0 400 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
 FLOOD INSURANCE RATE MAP

CITY OF
 PORTLAND,
 MAINE
 CUMBERLAND COUNTY

PANEL 7 OF 17
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISION TO
 REFLECT LOMR
 EFFECTIVE:
 March 20, 2014

COMMUNITY-PANEL NUMBER
 230051 0007 C

MAP REVISED:
 DECEMBER 8, 1998

Federal Emergency Management Agency

JOINS PANEL 0006

JOINS PANEL 0002

JOINS PANEL 0013

Discharges for Capisic Brook, from its confluence with the Fore River to Warren Avenue, and Nasons Brook were determined using a regional equation developed by the USGS (Reference 3). This equation relates streamflow to the parameters of drainage area, main channel slope, and percent storage available. The 10-, 50-, and 100-year discharges at several stations on the streams were calculated. The 500-year discharge at each station was extrapolated from a log-normal plot of the three calculated flow values.

For this revision, discharges for Fall Brook were computed using the USACE HEC-1 computer program (Reference 4). Discharges for Capisic Brook, East Branch Capisic Brook and West Branch Capisic Brook were computed using the NRCS TR-20 computer program (Reference 5).

A summary of the drainage area-peak discharge relationships for all streams studied by detailed methods is shown in Table 1, "Summary of Discharges."

TABLE 1 - SUMMARY OF DISCHARGES

<u>FLOODING SOURCE AND LOCATION</u>	<u>DRAINAGE AREA (sq. miles)</u>	<u>PEAK DISCHARGES (cfs)</u>			
		<u>10-YEAR</u>	<u>50-YEAR</u>	<u>100-YEAR</u>	<u>500-YEAR</u>
PRESUMPCOT RIVER					
Downstream of the confluence of the Piscataqua River	632.2	9,800	13,600	15,300	19,700
Upstream of the confluence of the Piscataqua River	590.9	9,300	12,900	14,500	18,600
STROUDWATER RIVER					
At the upstream corporate limits	27.2	1,885	3,100	3,735	5,160
FALL BROOK					
Near its confluence with Back Cove	1.54	1,070	1,453	1,619	2,287
Upstream of Washington Avenue	1.27	886	1,197	1,331	1,891
At Ray Street	1.00	681	900	996	1,416
REVISOR'S DATA					
CAPISIC BROOK					
At its confluence with the Fore River	5.09	620	890	1,020	1,310
Upstream of confluence of Nasons Brook	2.78	539	804	935	1,337
At Essex Road (extended)	1.92	498	724	835	1,075

**REVISION TO
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FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NGVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Stroudwater River								
A	0.036 ¹	60	655	5.7	10.1	4.3 ³	5.3	1.0
B	0.096 ¹	75	601	6.2	13.9	13.9	13.9	0.0
C	0.117 ¹	98	1,148	3.3	25.1	25.1	25.1	0.0
D	0.204 ¹	76	914	4.1	25.1	25.1	25.1	0.0
E	0.305 ¹	60	752	5.0	25.7	25.7	25.7	0.0
F	0.621 ¹	67	850	4.4	26.4	26.4	26.6	0.2
G	1.015 ¹	125	1,310	2.9	26.9	26.9	27.8	0.9
Fall Brook								
A	229 ²	19	254	6.4	12.7	12.7	12.7	0.0
B	810 ²	23	179	8.9	15.0	15.0	15.8	0.8
C	1,323 ²	31	233	6.9	19.9	19.9	20.9	1.0
D	1,825 ²	31	177	9.0	23.4	23.4	24.3	0.9
E	2,079 ²	34	185	8.2	25.2	25.2	26.1	0.8
F	2,371 ²	39	249	6.1	28.1	28.1	28.4	0.3
G	2,499 ²	22	155	9.8	27.5	27.5	28.4	1.0
H	3,122 ²	56	219	6.9	33.1	33.1	34.1	1.0
I	3,471 ²	82	202	7.5	35.5	35.5	35.5	0.0
J	4,102 ²	30	132	10.6	48.2	48.2	48.5	0.3
K	5,304 ²	57	310	4.3	57.2	57.2	58.1	1.0
L	5,749 ²	65	374	2.6	58.0	58.0	58.9	1.0

**REVISED
DATA**
↓

¹Miles above confluence with Fore River

²Feet above confluence with Back Cove

³Elevation computed without consideration of backwater effects from Fore River

**REVISED
DATA** ←

**REVISION TO
REFLECT LOMR
EFFECTIVE:
March 20, 2014**

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

**CITY OF PORTLAND, ME
(CUMBERLAND CO.)**

FLOODWAY DATA

STROUDWATER RIVER – FALL BROOK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NGVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Fall Brook (Continued)								
M	6,394 ¹	69	387	2.6	60.0	60.0	60.7	0.6
N	7,627 ¹	52	223	3.6	62.7	62.7	63.7	1.0
O	8,167 ¹	78	51	4.3	64.3	64.3	65.0	0.7
P	9,164 ¹	40	50	4.4	69.7	69.7	69.7	0.0
Q	9,330 ¹	29	50	4.4	70.1	70.1	70.1	0.0
R	11,371 ¹	26	144	1.0	84.5	84.5	85.3	0.8
S	12,327 ¹	22	44	3.6	88.2	88.2	88.3	0.2
T	13,327 ¹	10	26	9.1	101.5	101.5	102.5	0.9
Capisic Brook								
	↑ REVISED DATA							
A	0.025 ²	220	1,810	0.6	10.1	5.2 ³	6.0	0.8
B	0.203 ²	356	1,558	0.7	10.1	5.2 ³	6.0	0.8
C	0.230 ²	400	1,045	1.0	10.1	5.3 ³	6.1	0.8
D	0.338 ²	742	2,566	0.4	10.1	5.4 ³	6.2	0.8
E	0.368 ²	266	1,943	0.5	10.3	10.3	10.3	0.0
F	0.504 ²	90	572	1.2	10.3	10.3	10.3	0.0
G	0.580 ²	121	902	0.8	34.1	34.1	34.1	0.0
H	0.629 ²	81	713	1.0	36.3	36.3	36.3	0.0
I	0.838 ²	142	1,198	0.6	36.3	36.3	36.3	0.0
J	0.974 ²	38	289	2.4	36.3	36.3	36.3	0.0

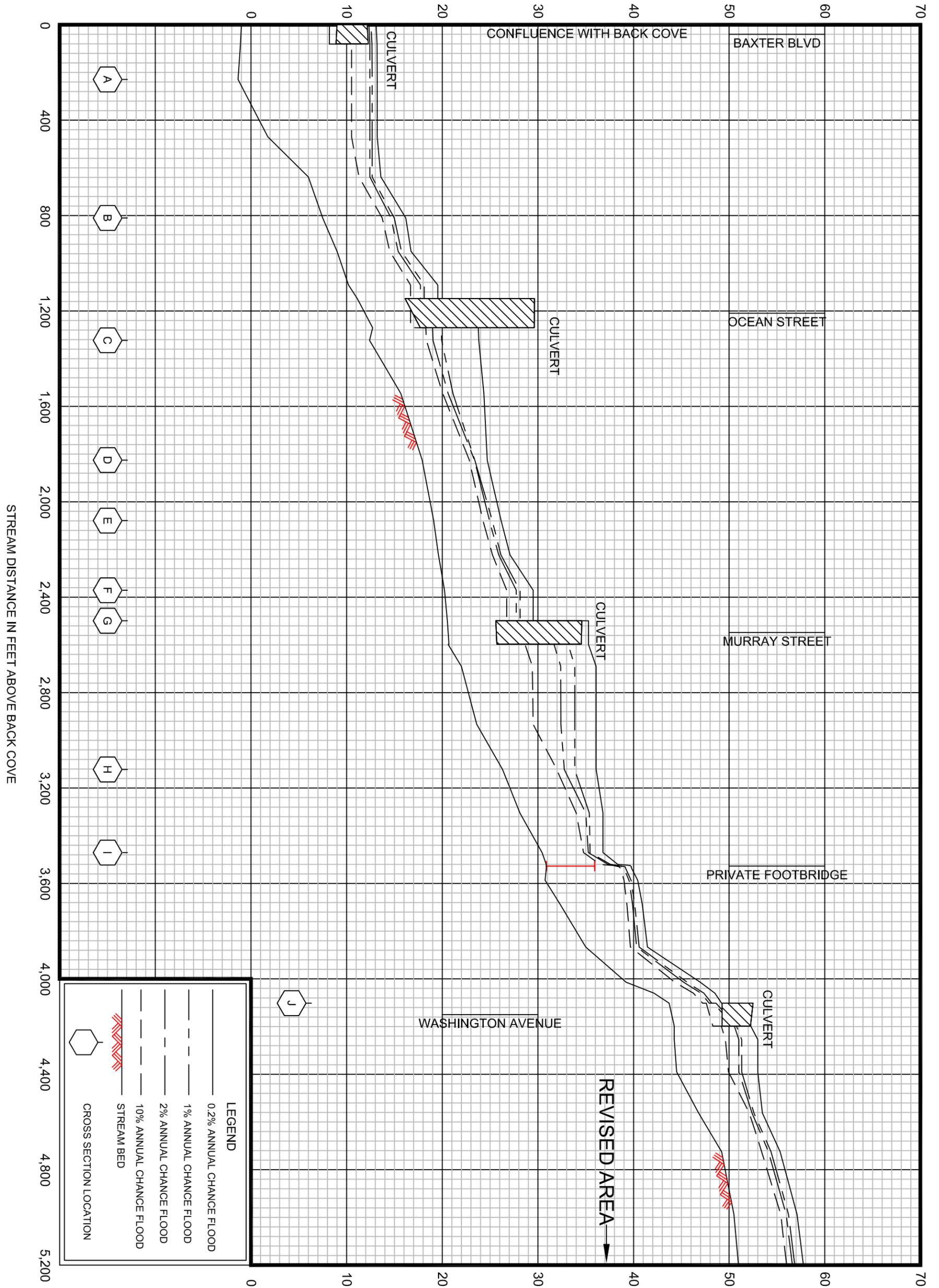
¹Feet above confluence with Back Cove

²Miles above confluence with Fore River

³Elevation computed without consideration of backwater effects from Fore River

TABLE 4	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	CITY OF PORTLAND, ME (CUMBERLAND CO.)	
		FALL BROOK – CAPISIC BROOK

ELEVATION IN FEET (NGVD 29)



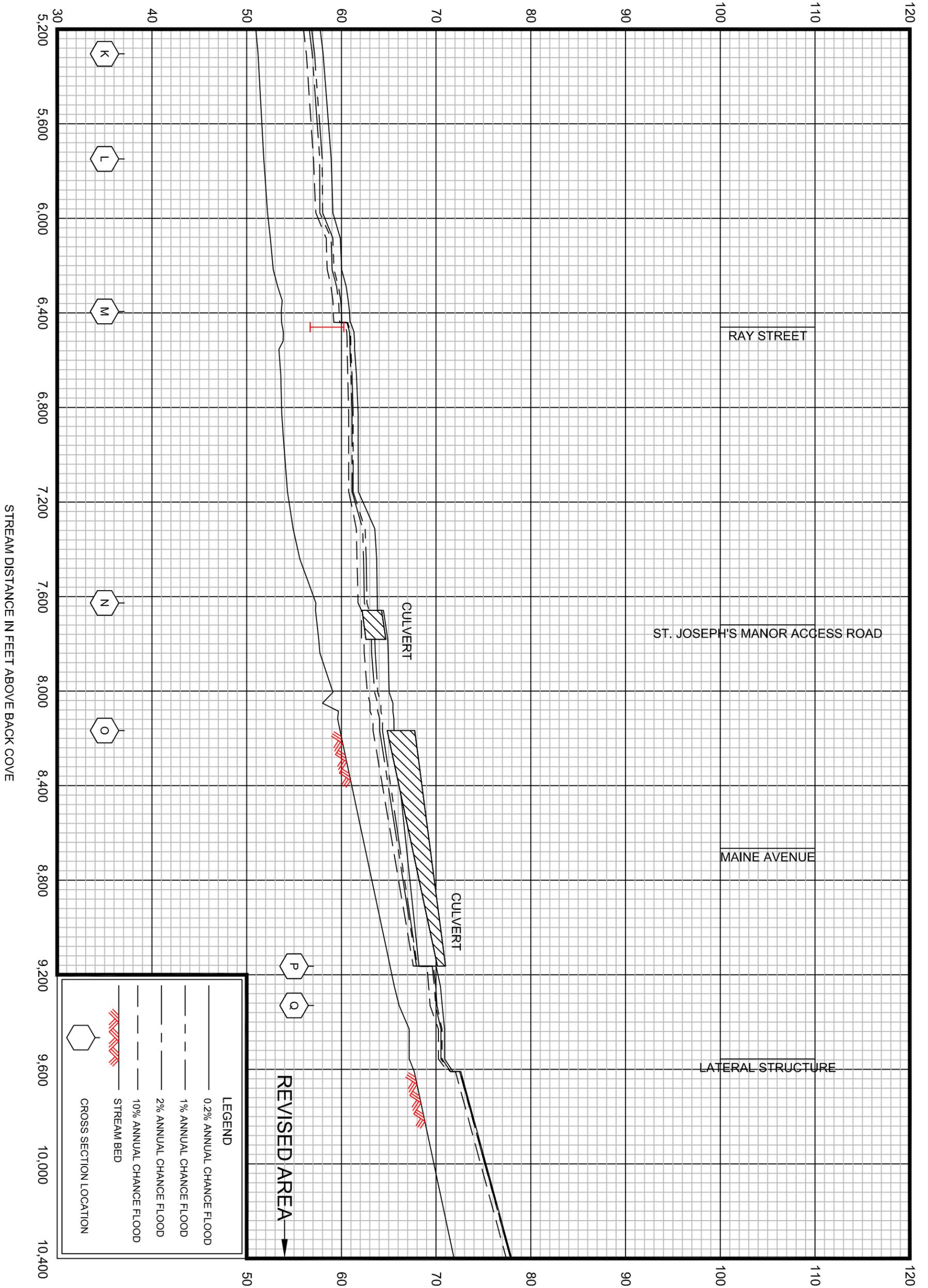
FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF PORTLAND, ME
(CUMBERLAND COUNTY)

05P

FLOOD PROFILES
FALL BROOK

**REVISION TO
REFLECT LOMR
EFFECTIVE:
March 20, 2014**

ELEVATION IN FEET (NGVD 29)

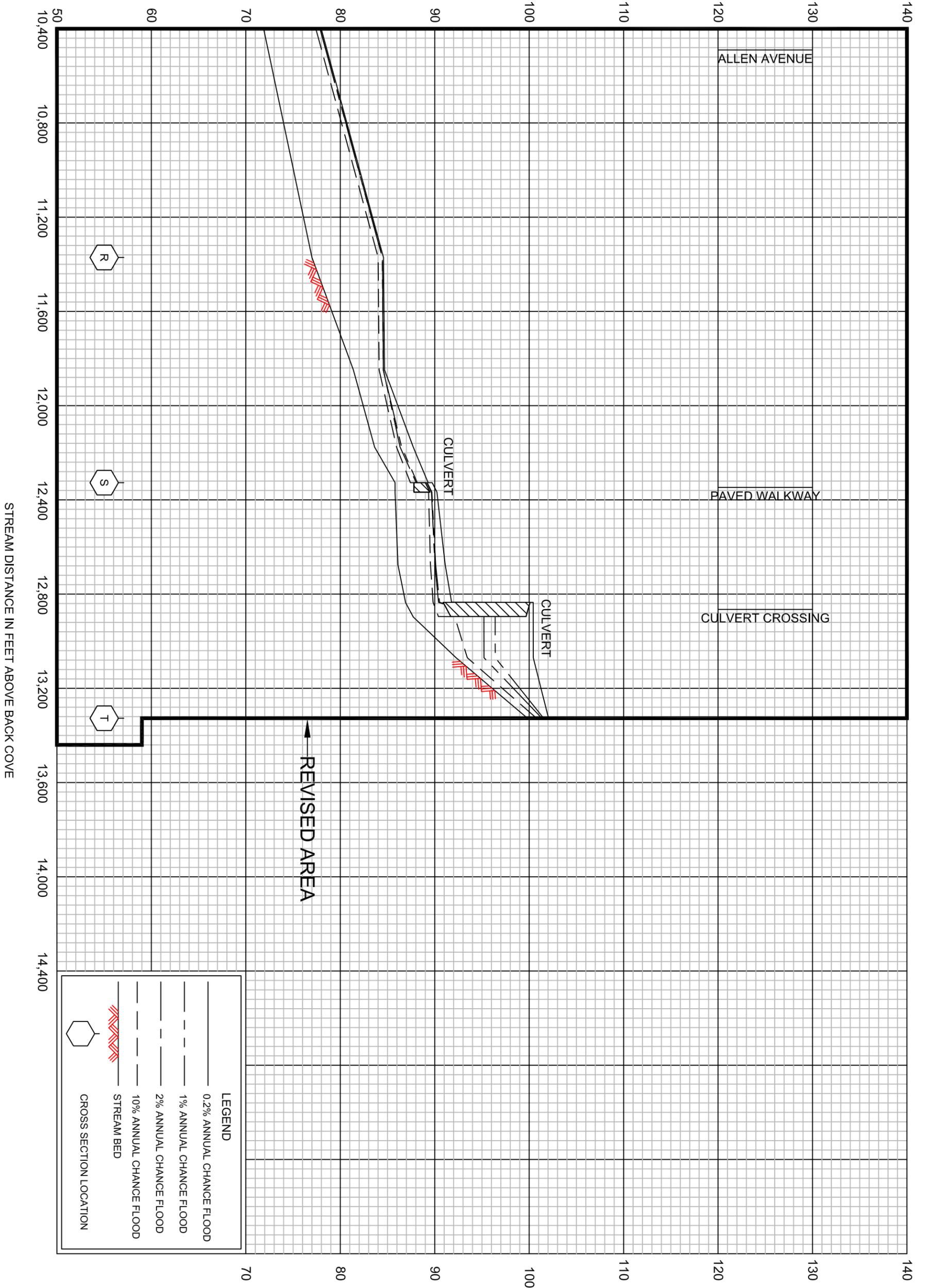


LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- - - 2% ANNUAL CHANCE FLOOD
- - - 10% ANNUAL CHANCE FLOOD
- STREAM BED
- ▨ CROSS SECTION LOCATION

REVISED AREA →

ELEVATION IN FEET (NGVD 29)



FEDERAL EMERGENCY MANAGEMENT AGENCY
CITY OF PORTLAND, ME
 (CUMBERLAND COUNTY)

07P

FLOOD PROFILES

FALL BROOK

REVISION TO REFLECT LOMR
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March 20, 2014