



## Federal Emergency Management Agency

Washington, D.C. 20472

### LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Umatilla County Oregon  (Unincorporated Areas)	LEVEE	FLOODWAY HYDRAULIC ANALYSIS LEVEE CERTIFICATION NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 410204		
IDENTIFIER	Walla Walla River Flood Study	APPROXIMATE LATITUDE & LONGITUDE: 45.946, -118.385 SOURCE: Other      DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*    NO.: 41059C0435G    DATE: September 3, 2010 TYPE: FIRM*    NO.: 41059C0445G    DATE: September 3, 2010 TYPE: FIRM*    NO.: 41059C0455G    DATE: September 3, 2010 TYPE: FIRM*    NO.: 41059C0465G    DATE: September 3, 2010 TYPE: FIRM*    NO.: 41059C0120G    DATE: September 3, 2010 TYPE: FIRM*    NO.: 41059C0430G    DATE: September 3, 2010 TYPE: FIRM*    NO.: 41059C0470G    DATE: September 3, 2010		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 03, 2010 PROFILES: 90P, 91P, 92P, 93P, 93P(a), 93P(b), 93P(c), 93P(d), AND 94P FLOODWAY DATA TABLE: TABLE 7	

Enclosures reflect changes to flooding sources affected by this revision.  
 FIRM - Flood Insurance Rate Map

FLOODING SOURCE & REVISED REACH	See Page 2 for Additional Flooding Sources
WALLA WALLA RIVER - From the Washington/Oregon State Line to the Limit of Detailed Study	

SUMMARY OF REVISIONS				
Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
WALLA WALLA RIVER	Zone AE	Zone AE	YES	YES
	Zone A	Zone AE	NONE	YES
	Floodway	Floodway	YES	YES
	BFEs	BFEs	YES	YES
	No BFEs	BFEs	YES	NONE

\* 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>.

Siamak Esfandiary, Ph.D, P.E., 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 & REVISED REACH**

WALLA WALLA RIVER - From the Washington/Oregon State Line to the Limit of Detailed Study

**SUMMARY OF REVISIONS**

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
WALLA WALLA RIVER	Zone X (unshaded)	Zone AH	YES	NONE
	Zone X (shaded)	Zone X (shaded)	YES	YES
	Zone X (unshaded)	Zone X (unshaded)	YES	YES
	Zone AO	Zone X (shaded)	YES	YES
	Zone X (shaded)	Otherwise Protected	YES	YES

\* BFEs - Base Flood Elevations

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

**OTHER COMMUNITIES AFFECTED BY THIS REVISION**

**CID Number:** 410210      **Name:** City of Milton-Freewater, Oregon

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM*	NO.: 41059C0435G	DATE: September 3, 2010	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 3, 2010 PROFILES: 90P, 91P, 92P, 93P, 93P(a), 93P(b), 93P(c), 93P(d), AND 94P FLOODWAY DATA TABLE: TABLE 7
TYPE: FIRM*	NO.: 41059C0445G	DATE: September 3, 2010	
TYPE: FIRM*	NO.: 41059C0465G	DATE: September 3, 2010	

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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 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, 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)**

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. Mark Carey  
Director, Mitigation Division  
Federal Emergency Management Agency, Region X  
Federal Regional Center  
130 228th Street, Southwest  
Bothell, WA 98021-8627  
(425) 487-4682

**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>.

A handwritten signature in black ink, appearing to read "S. Esfandiary".

Siamak Esfandiary, Ph.D., P.E., Program Specialist  
Engineering Management Branch  
Federal Insurance and Mitigation Administration





REVISED TO  
 REFLECT LOMR  
 EFFECTIVE:  
 SEPTEMBER 20, 2013

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
Walla Walla River (continued)								
Y	262,746	81	518	14.5	1305.3	1305.3	1305.3	0.0
Z	263,496	258	1,308	7.2	1314.1	1314.1	1314.4	0.3
AA	263,896	108	566	13.2	1317.7	1317.7	1317.7	0.0
AB	264,641	211	1,029	7.3	1325.9	1325.9	1325.9	0.0
AC	265,348	273	769	9.8	1333.2	1333.2	1333.2	0.0
AD	266,095	240	851	8.8	1343.9	1343.9	1343.9	0.0
AE	267,447	287	917	8.2	1361.9	1361.9	1362.2	0.3
AF	267,751	288	971	7.7	1366.1	1366.1	1367.0	0.9
			REVISED REACH					

<sup>1</sup>Feet above mouth

**TABLE 7**

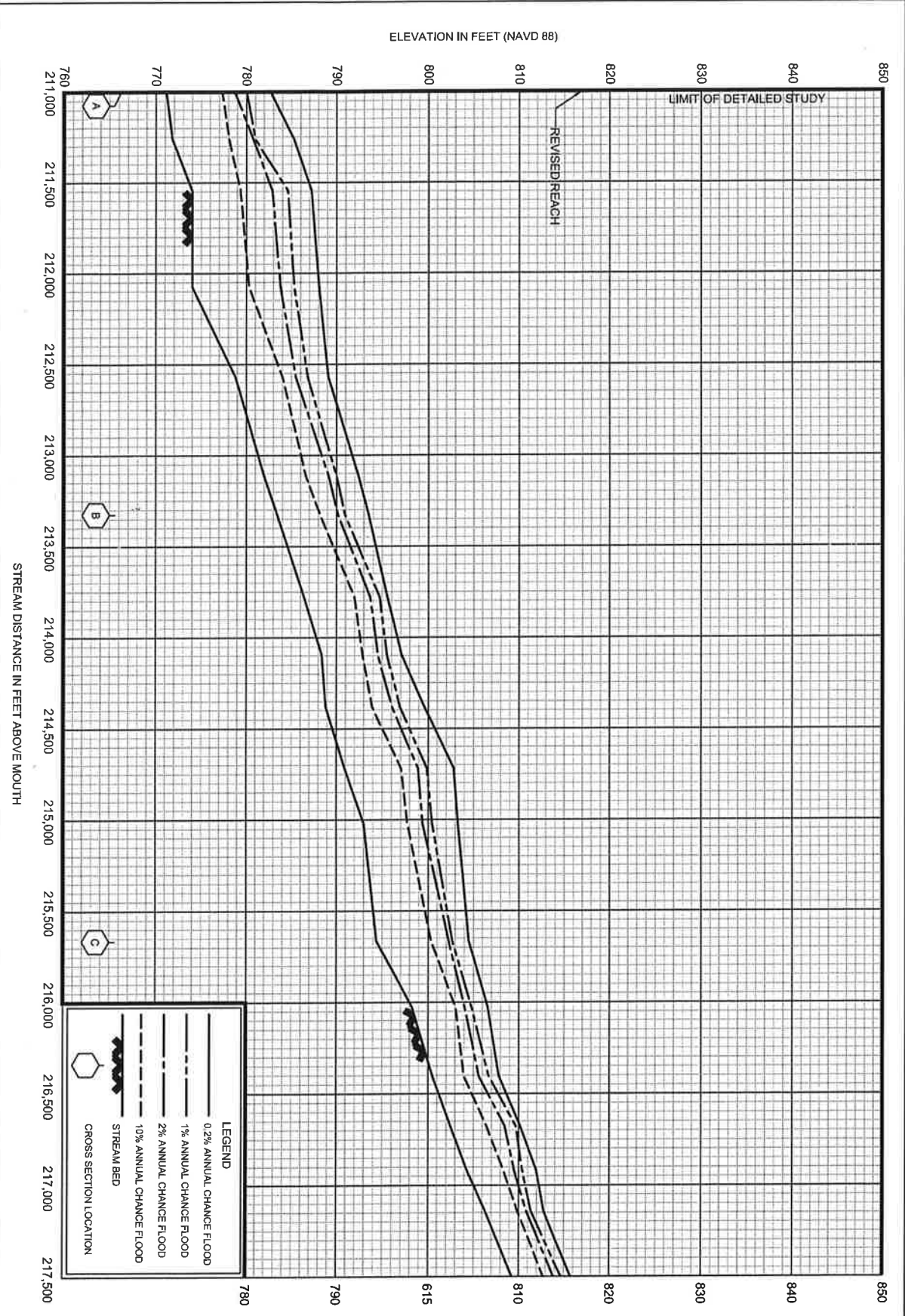
FEDERAL EMERGENCY MANAGEMENT AGENCY

**UMATILLA COUNTY, OR  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**WALLA WALLA RIVER**

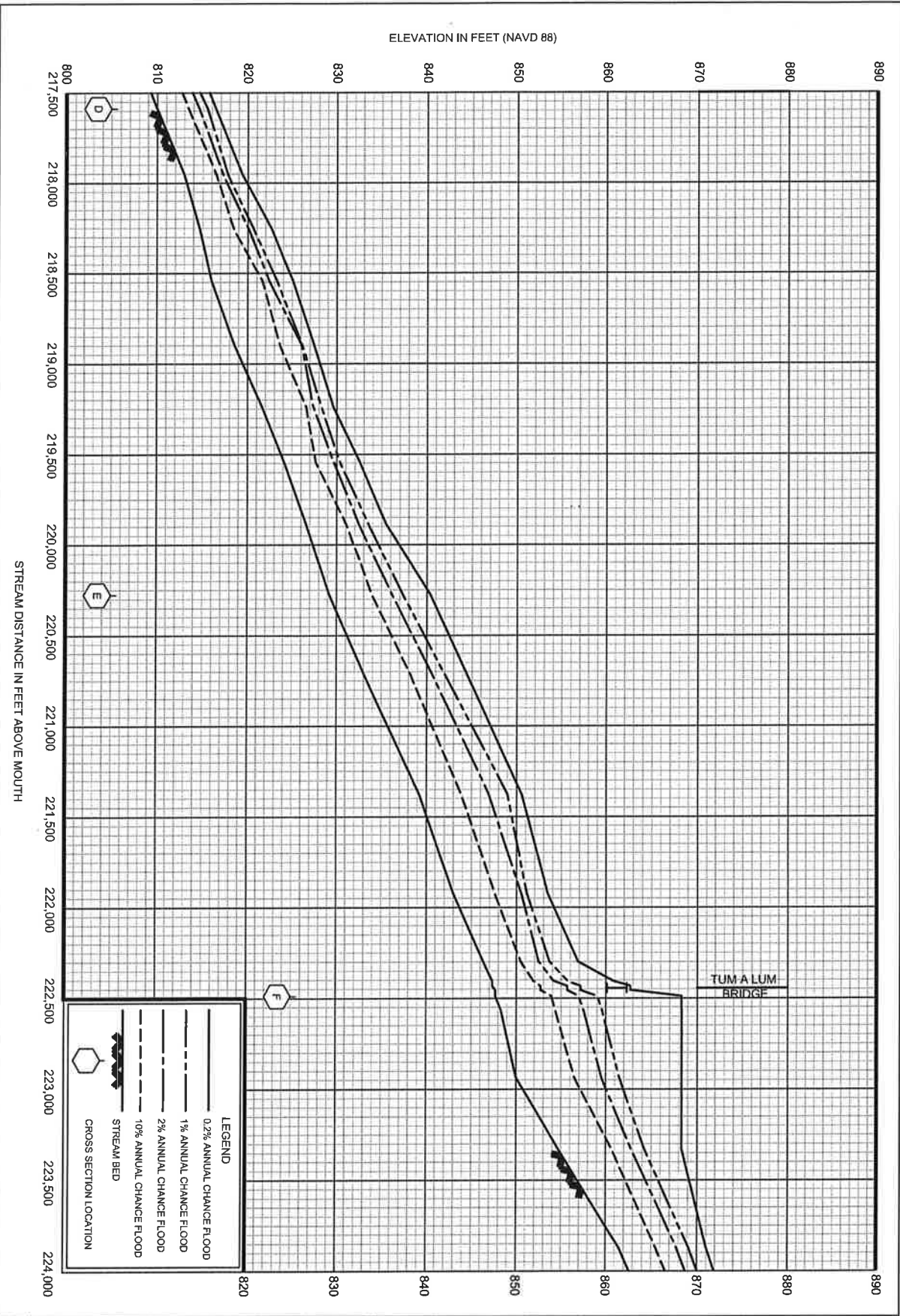


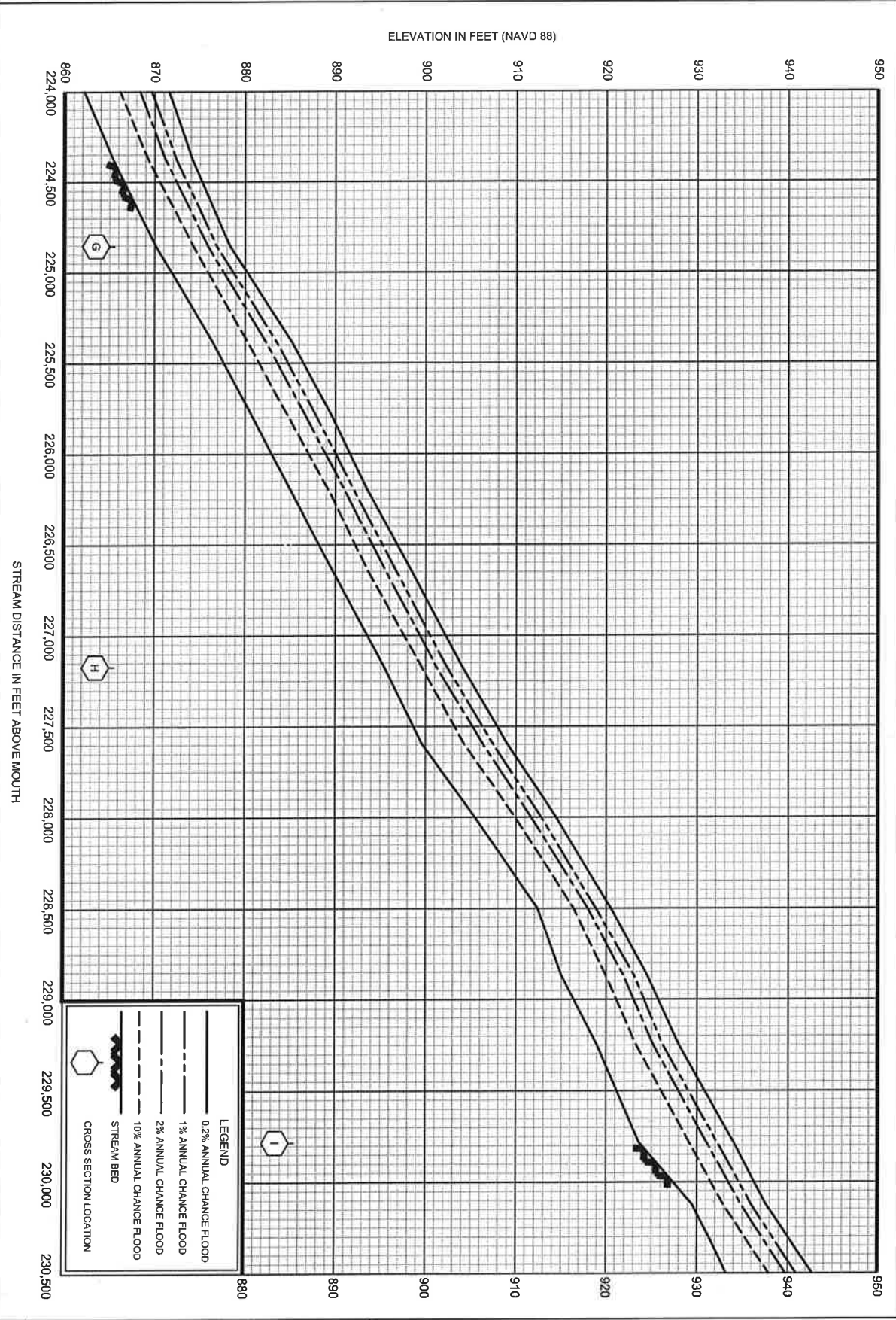


LEGEND	
	0.2% ANNUAL CHANGE FLOOD
	1% ANNUAL CHANGE FLOOD
	2% ANNUAL CHANGE FLOOD
	10% ANNUAL CHANGE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 UMATILLA COUNTY, OR  
 AND INCORPORATED AREAS

REVISED TO REFLECT LOMR  
 EFFECTIVE: SEPTEMBER 20, 2013  
 FLOOD PROFILES  
 WALLA WALLA RIVER

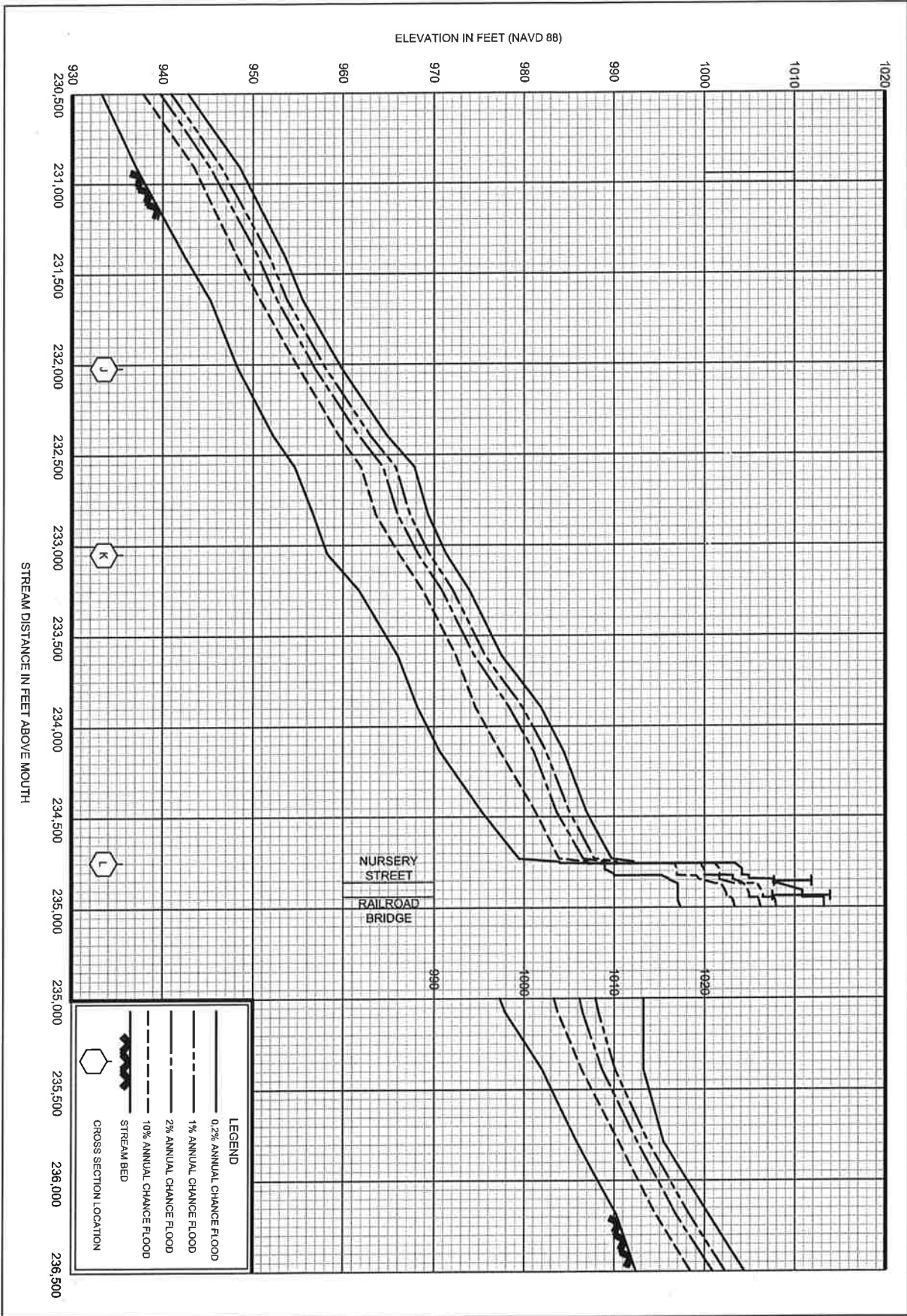


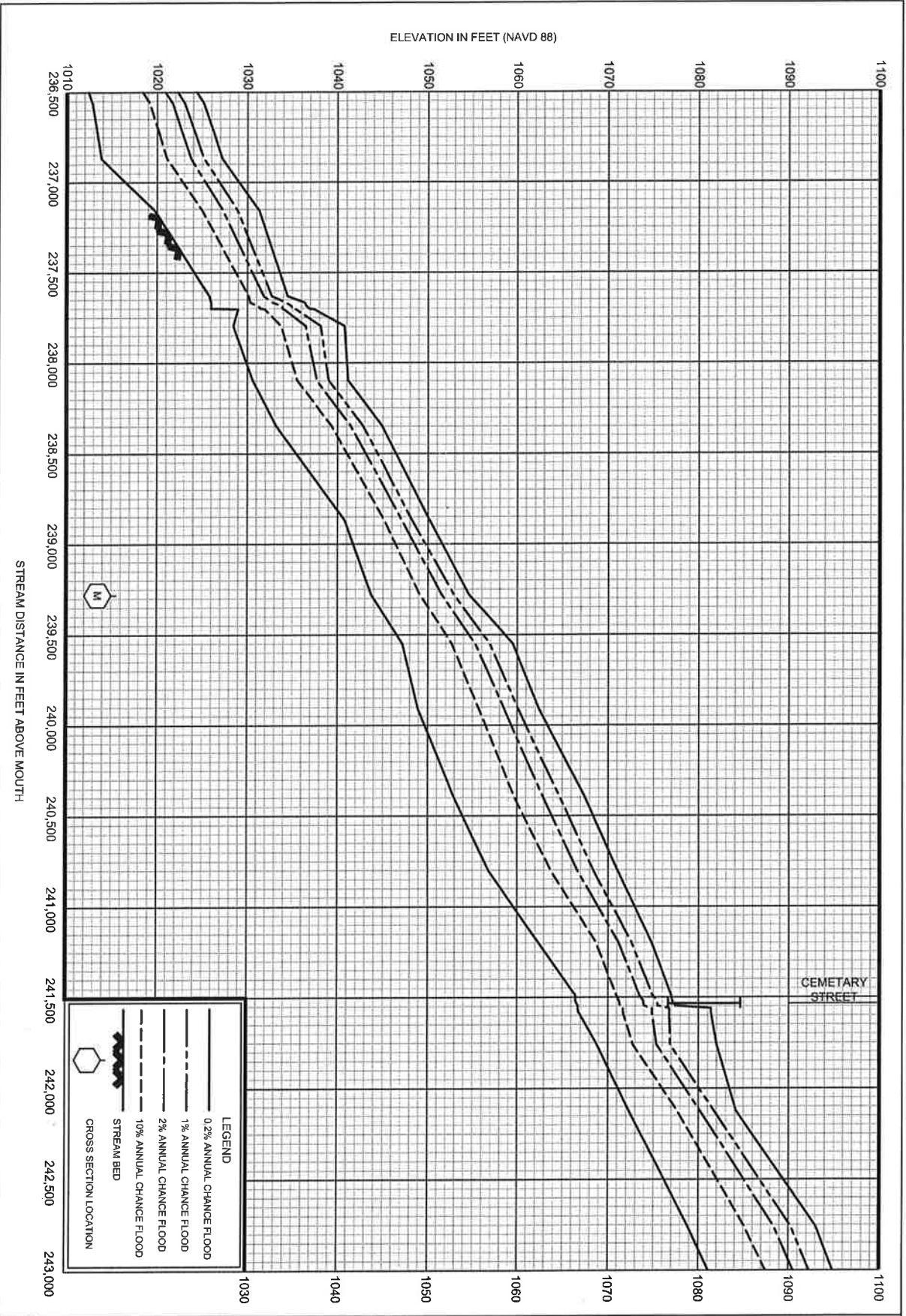


FEDERAL EMERGENCY MANAGEMENT AGENCY  
 UMATILLA COUNTY, OR  
 AND INCORPORATED AREAS

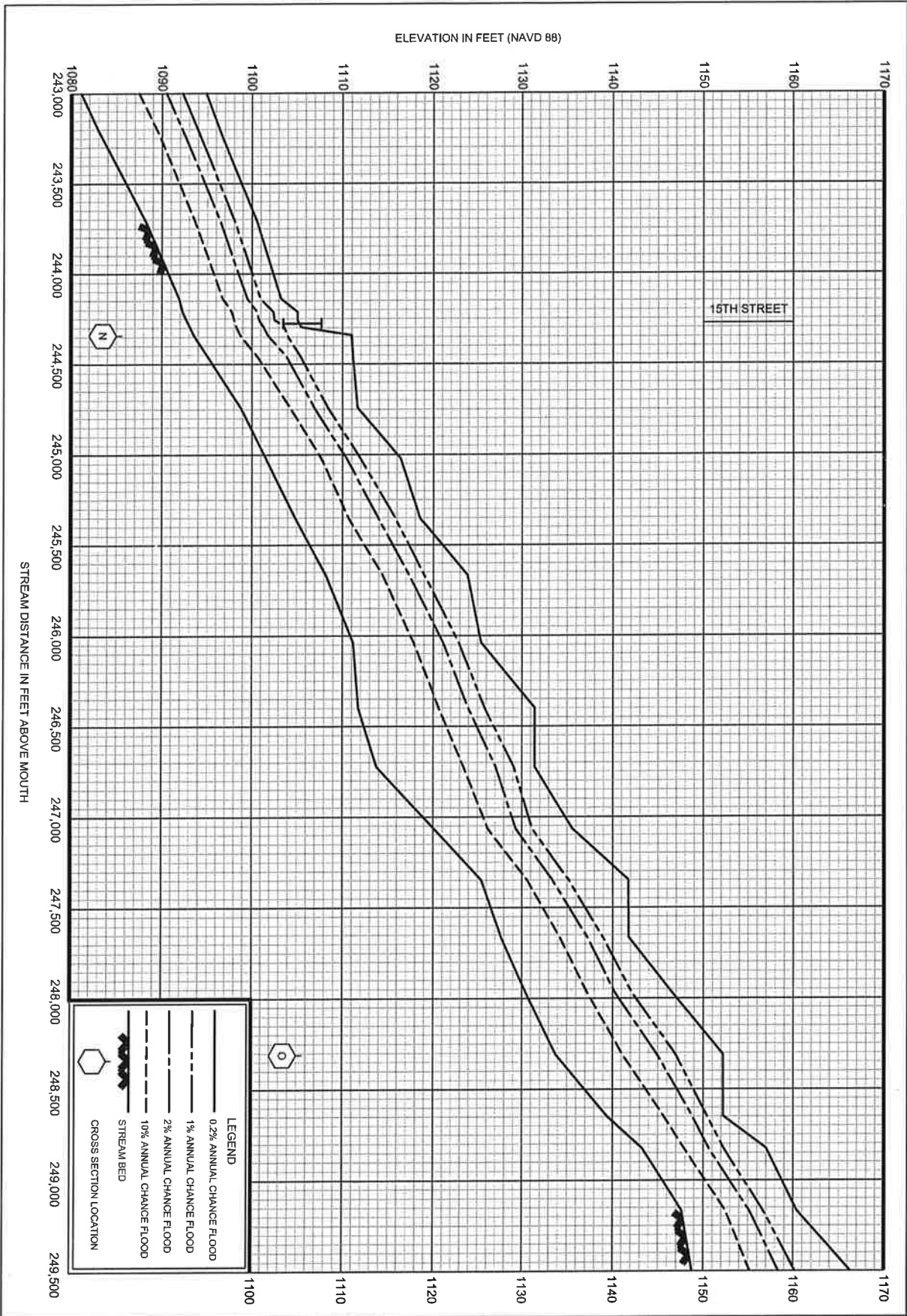
REVISED TO REFLECT LOMR  
 EFFECTIVE: SEPTEMBER 20, 2013  
 FLOOD PROFILES  
 WALLA WALLA RIVER



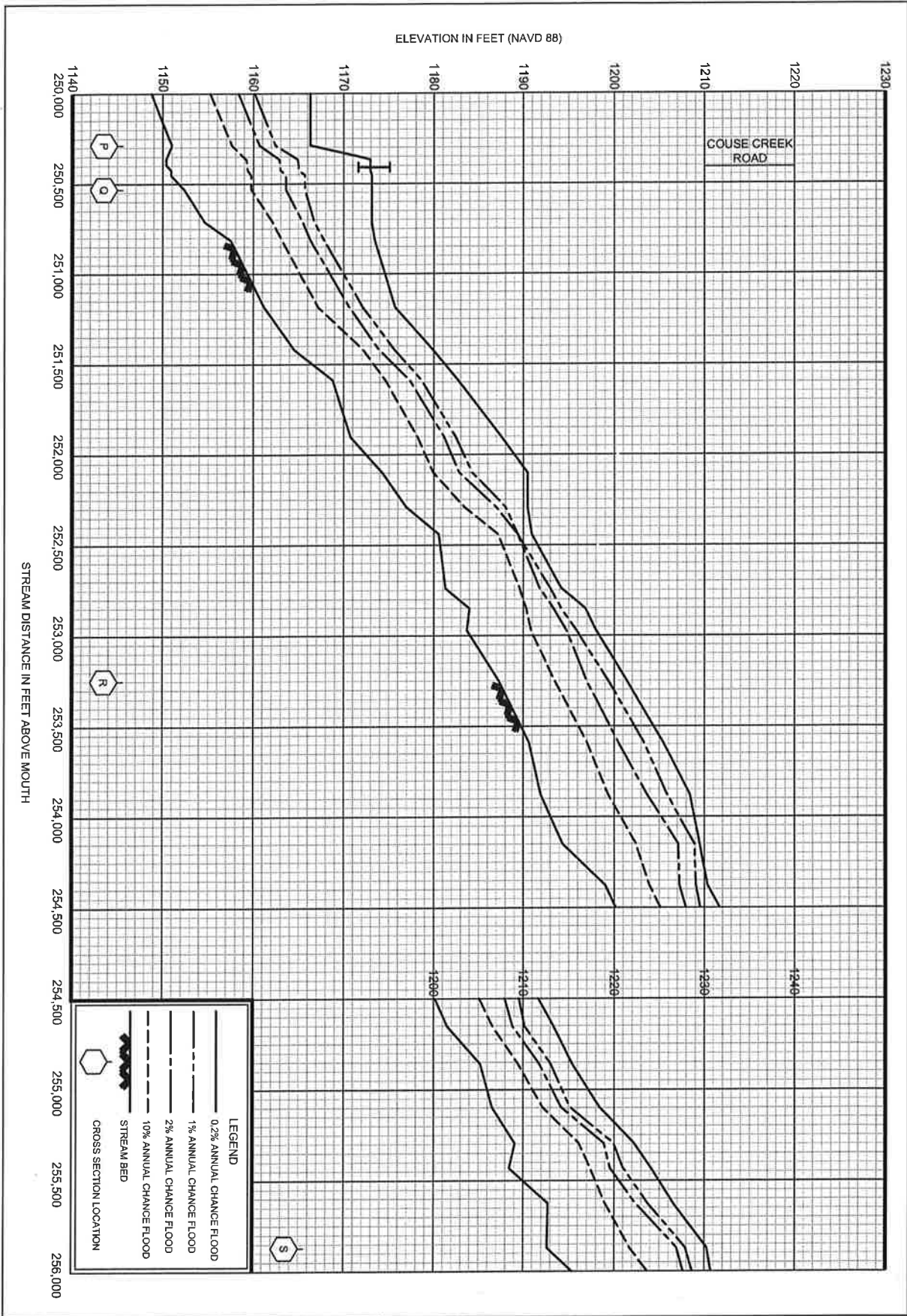


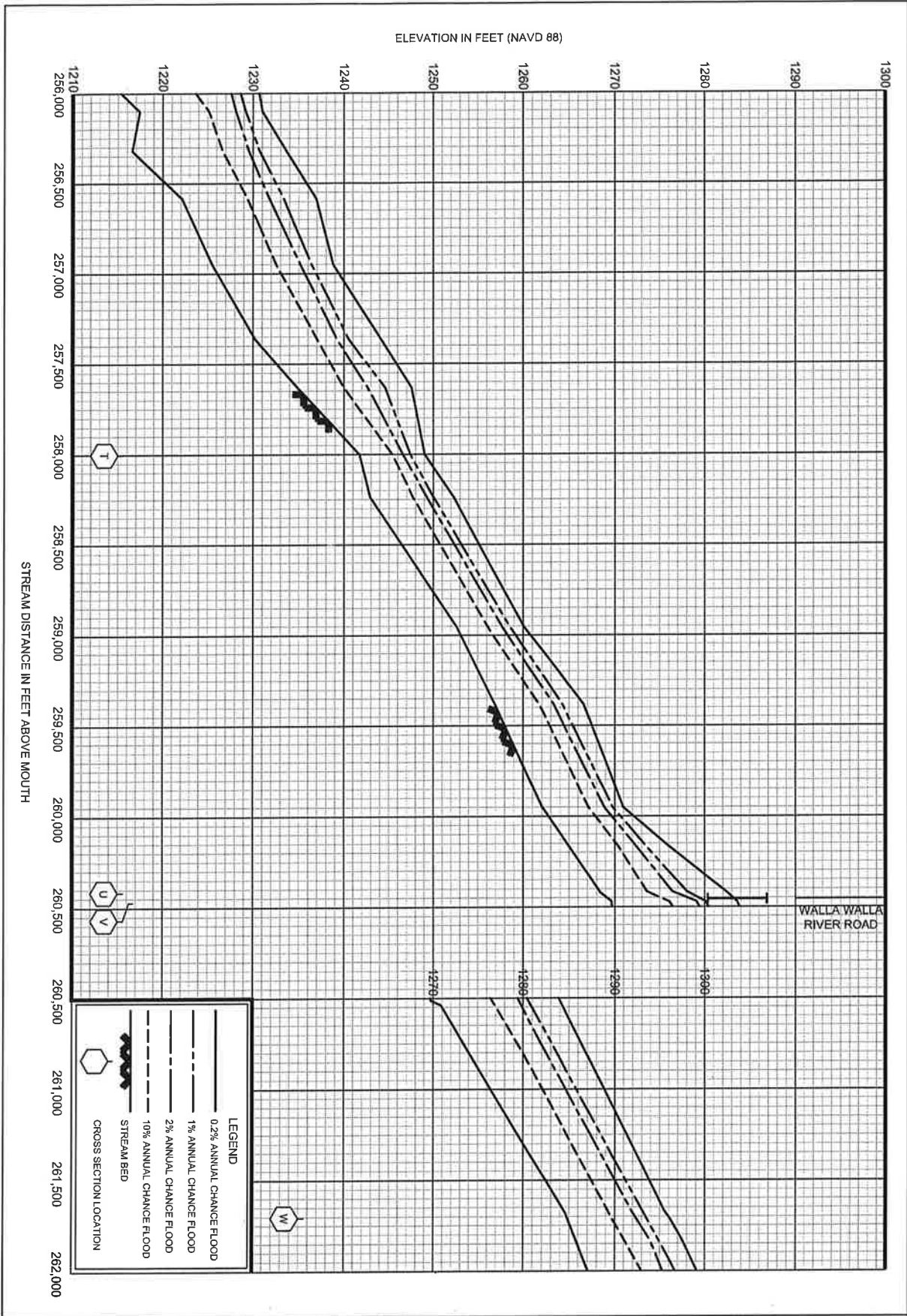


93P(a)	FEDERAL EMERGENCY MANAGEMENT AGENCY UMATILLA COUNTY, OR AND INCORPORATED AREAS	REVISED TO REFLECT LOMR EFFECTIVE: SEPTEMBER 20, 2013	FLOOD PROFILES WALLA WALLA RIVER

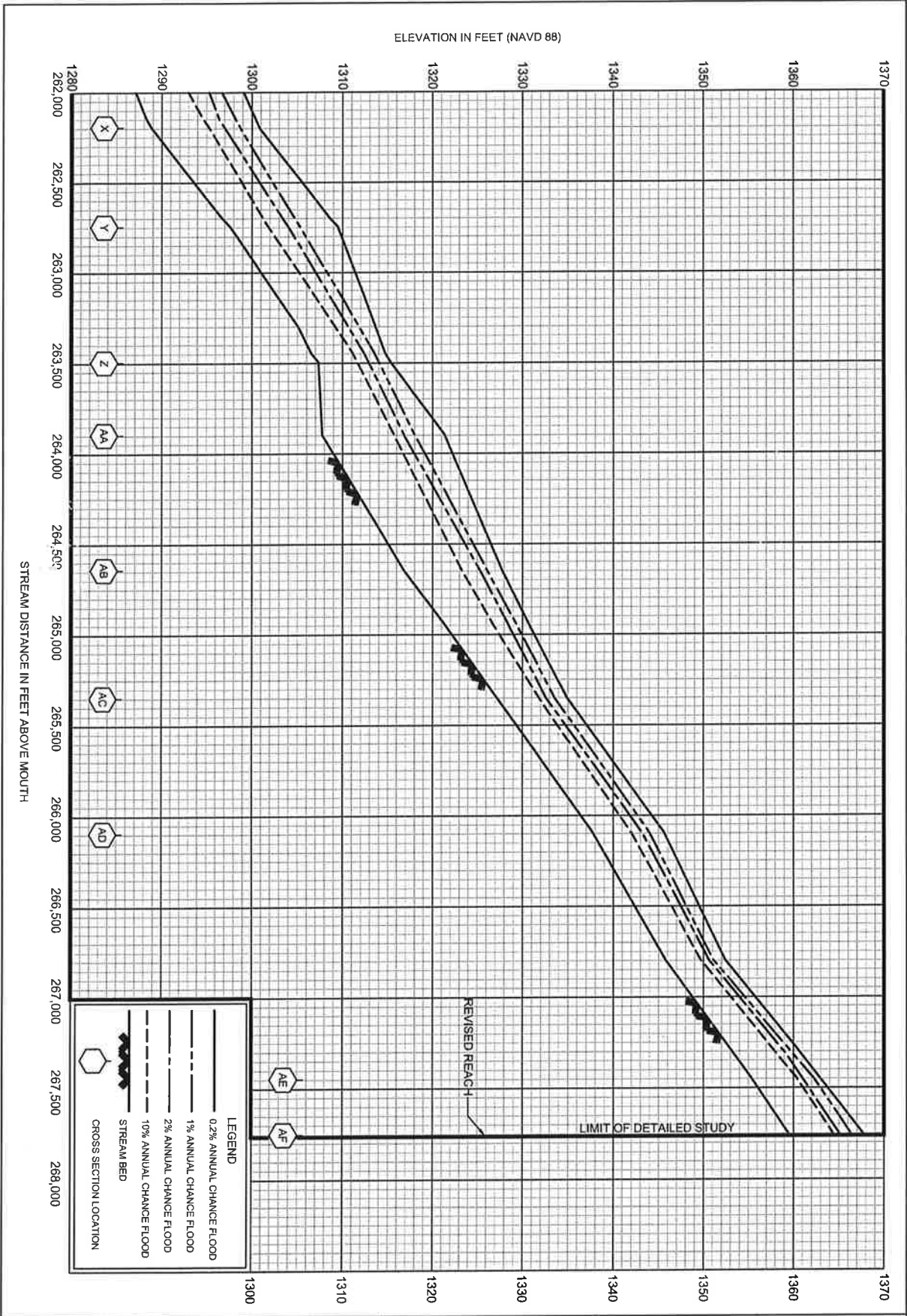


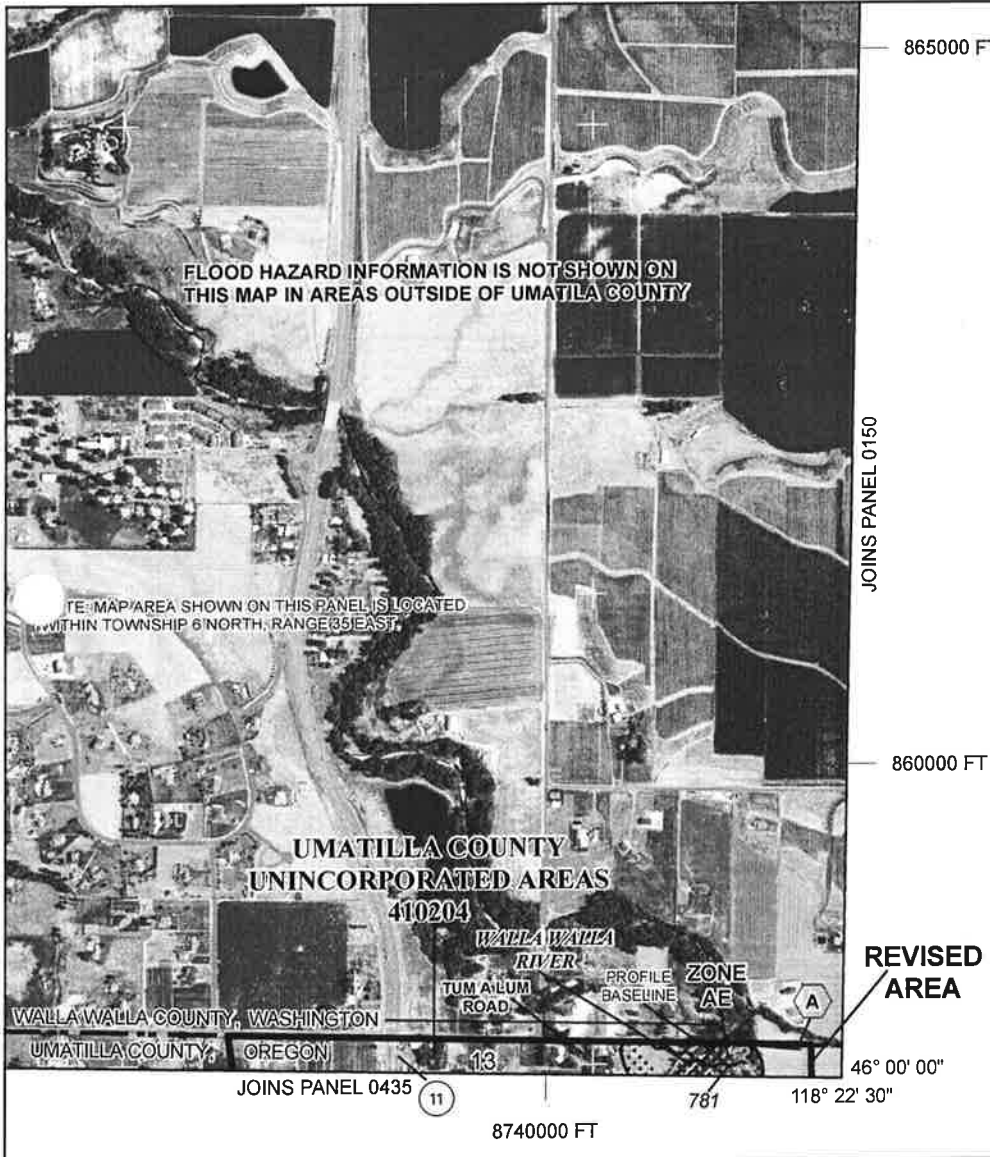












Legend

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

MAP SCALE 1" = 1000'

**NFIP**

PANEL 0120G

## FIRM

**FLOOD INSURANCE RATE MAP  
UMATILLA COUNTY,  
OREGON  
AND INCORPORATED AREAS**

PANEL 120 OF 2350  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
UMATILLA COUNTY	410204	0120	G

**REVISED TO  
REFLECT LOMR  
EFFECTIVE:  
SEPTEMBER 20, 2013**

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER  
41059C0120G**

**EFFECTIVE DATE  
SEPTEMBER 3, 2010**

Federal Emergency Management Agency

**Legend**

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

**MAP SCALE 1" = 1000'**

300 0 300 FEET

**NFIP**  
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0430G

**FIRM**  
FLOOD INSURANCE RATE MAP  
UMATILLA COUNTY,  
OREGON  
AND INCORPORATED AREAS

PANEL 430 OF 2350  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY	NUMBER	PANEL	SUFFIX
UMATILLA COUNTY	410204	0430	G

**REVISED TO REFLECT LOMR EFFECTIVE: SEPTEMBER 20, 2013**

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**MAP NUMBER - 41059C0430G**  
**EFFECTIVE DATE - SEPTEMBER 3, 2010**  
Federal Emergency Management Agency



850000 FT

845000 FT

840000 FT

JOINS PANEL 0435

JOINS PANEL 0440

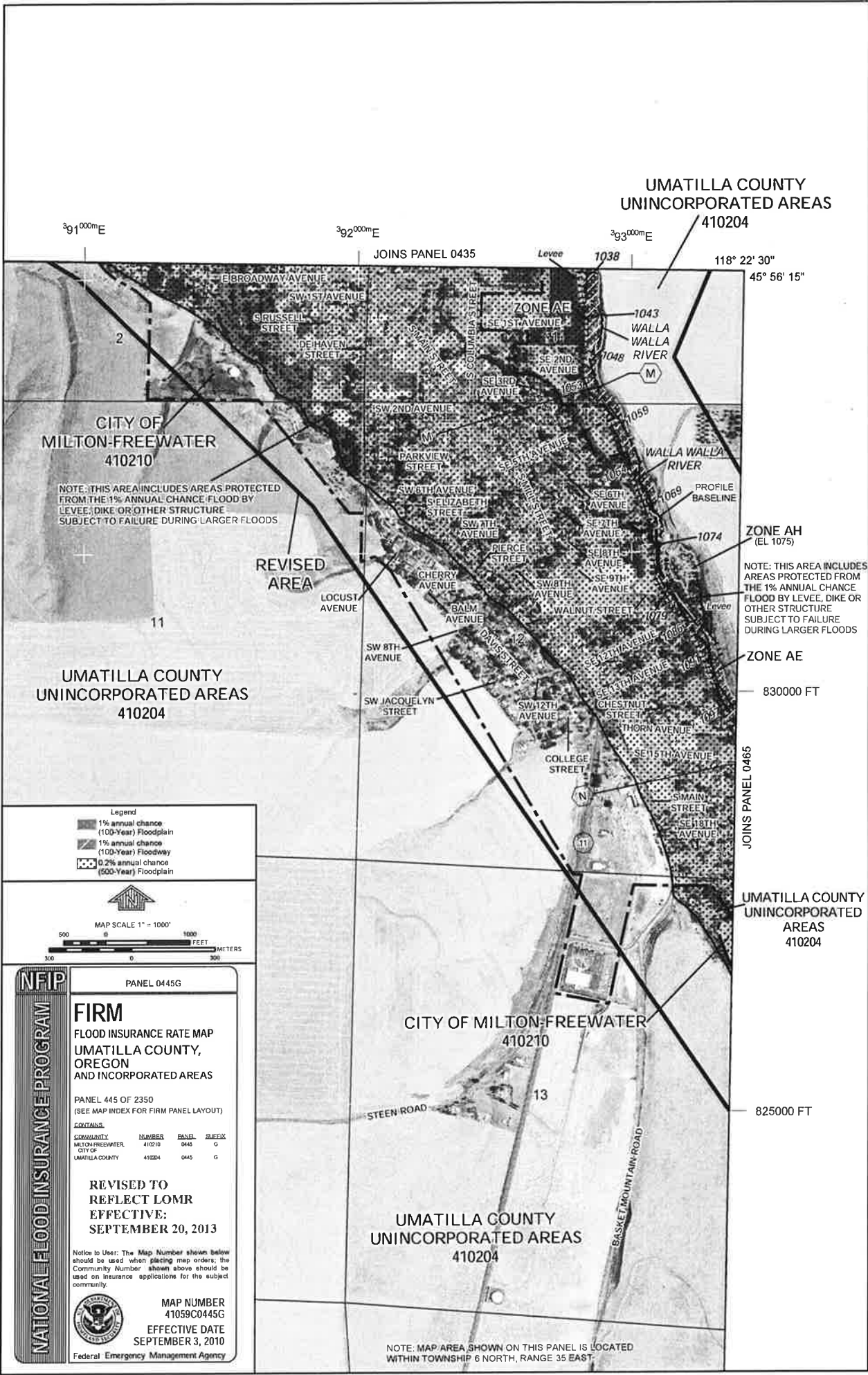
45° 56' 15"

118° 26' 15"

8720000 FT

8725000 FT

UMATILLA COUNTY  
UNINCORPORATED AREAS  
410204



391000mE

392000mE

393000mE

JOINS PANEL 0435

1038

118° 22' 30"

45° 56' 15"

CITY OF  
MILTON-FREEWATER  
410210

NOTE: THIS AREA INCLUDES AREAS PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD BY LEVEE, DIKE OR OTHER STRUCTURE SUBJECT TO FAILURE DURING LARGER FLOODS

REVISED AREA

11

UMATILLA COUNTY  
UNINCORPORATED AREAS  
410204

ZONE AH  
(EL 1075)

NOTE: THIS AREA INCLUDES AREAS PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD BY LEVEE, DIKE OR OTHER STRUCTURE SUBJECT TO FAILURE DURING LARGER FLOODS

ZONE AE

830000 FT

JOINS PANEL 0465

UMATILLA COUNTY  
UNINCORPORATED AREAS  
410204

CITY OF MILTON-FREEWATER  
410210

825000 FT

STEEN ROAD

UMATILLA COUNTY  
UNINCORPORATED AREAS  
410204

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 6 NORTH, RANGE 35 EAST

Legend

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

MAP SCALE 1" = 1000'

**NFIP**  
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0445G

**FIRM**  
FLOOD INSURANCE RATE MAP  
UMATILLA COUNTY,  
OREGON  
AND INCORPORATED AREAS

PANEL 445 OF 2350  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	NUMBER	PANEL	SHEET
MILTON-FREEWATER	410210	0445	G
CITY OF UMATILLA COUNTY	410204	0445	G

REVISED TO REFLECT LOMR EFFECTIVE: SEPTEMBER 20, 2013

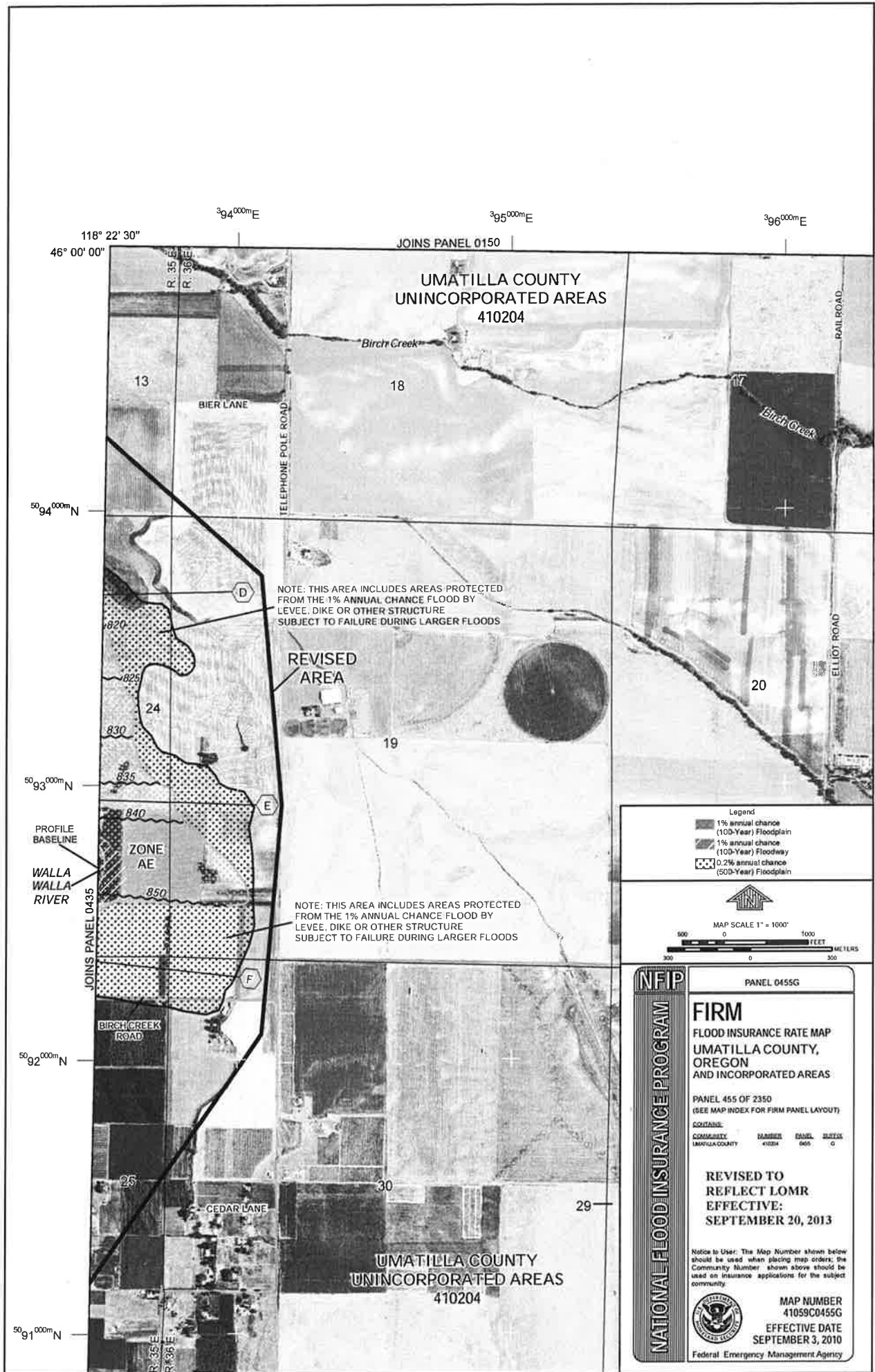
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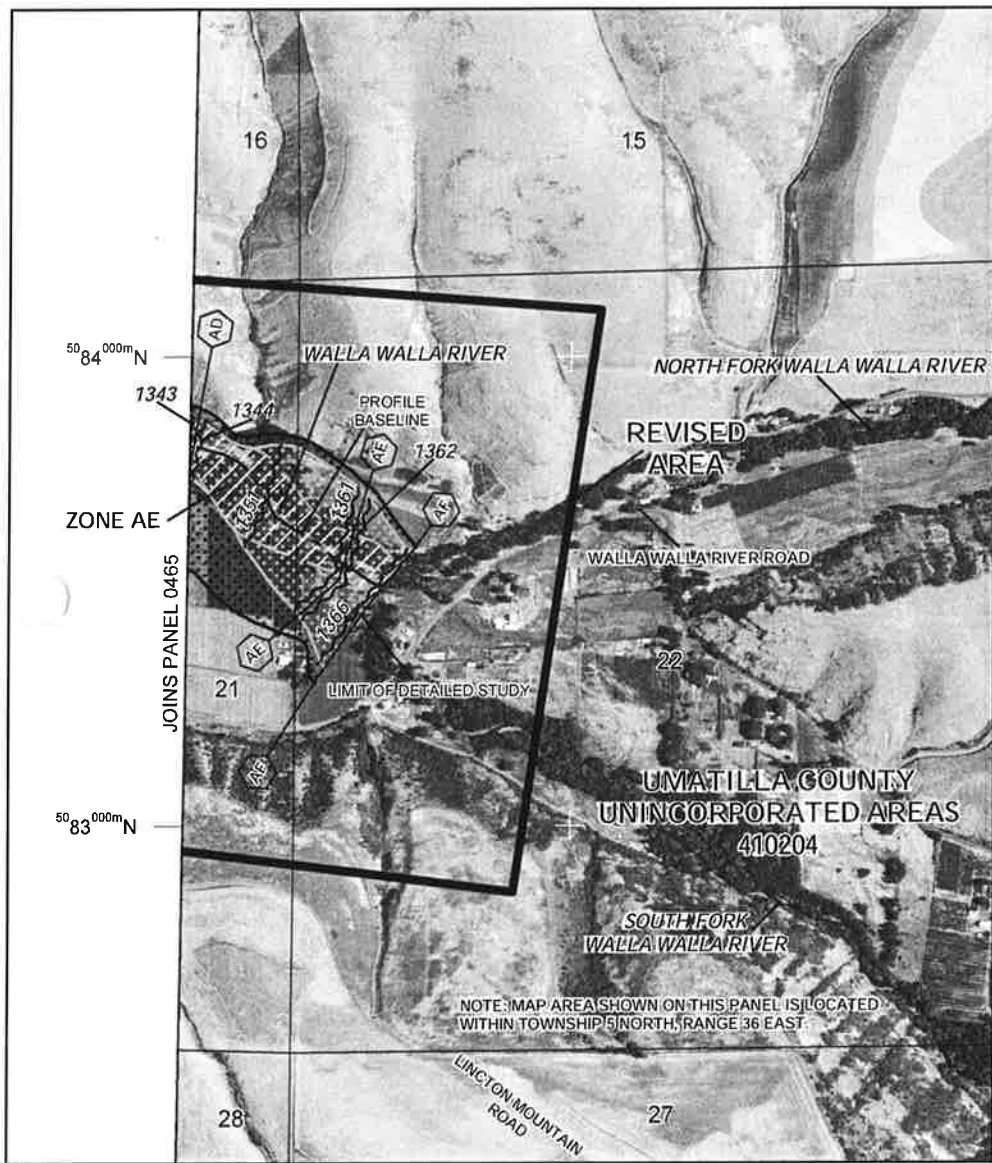
MAP NUMBER  
41059C0445G

EFFECTIVE DATE  
SEPTEMBER 3, 2010

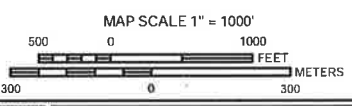
Federal Emergency Management Agency







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



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0470G

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**UMATILLA COUNTY,**  
**OREGON**  
**AND INCORPORATED AREAS**

PANEL 470 OF 2350  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
UMATILLA COUNTY	410204	0470	G

**REVISED TO**  
**REFLECT LOMR**  
**EFFECTIVE:**  
**SEPTEMBER 20, 2013**

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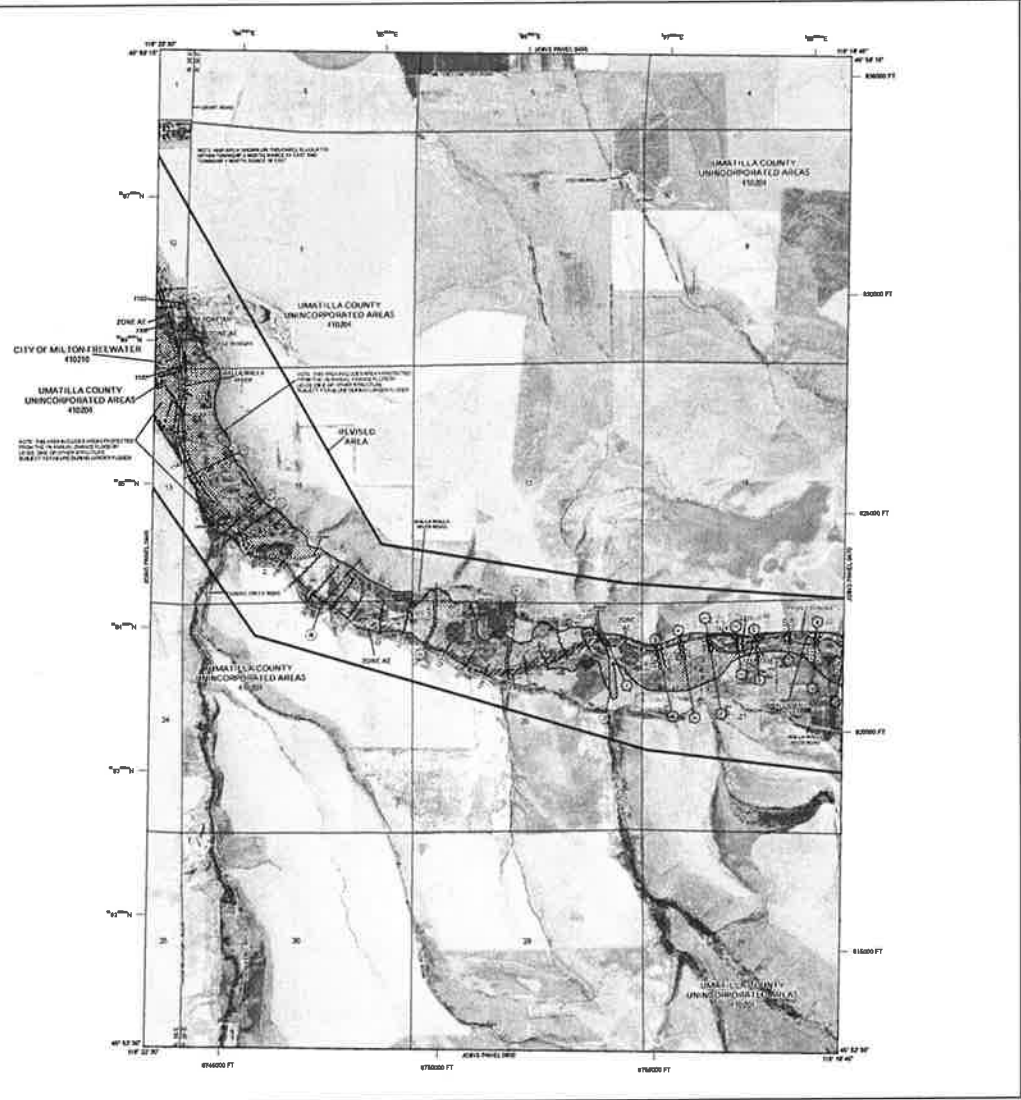
**MAP NUMBER**  
**41059C0470G**  
**EFFECTIVE DATE**  
**SEPTEMBER 3, 2010**

Federal Emergency Management Agency



NOTES TO USERS

This map is not intended to be used as a substitute for the National Flood Insurance Program. It must be used in conjunction with the Flood Insurance Rate Map (FIRM) and the Flood Insurance Study (FIS) to determine flood insurance rates. This map is not intended to be used as a substitute for the National Flood Insurance Program. It must be used in conjunction with the Flood Insurance Rate Map (FIRM) and the Flood Insurance Study (FIS) to determine flood insurance rates.



LEGEND section containing various symbols and codes for flood zones, unincorporated areas, and other geographical features. Includes codes like FIRM A, FIRM B, etc.

Map title block and metadata section. Includes 'NATIONAL FLOOD INSURANCE PROGRAM', 'FIRM', 'UNMILLIA COUNTY, OREGON', 'PANEL 485 OF 2300', and 'EFFECTIVE DATE SEPTEMBER 8, 2010'.