



# Federal Emergency Management Agency

Washington, D.C. 20472

January 14, 2016

T.M. file  
BW Jd  
BS

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable George Murdock  
Board Chair, Umatilla County  
Umatilla County Courthouse  
216 SE 4th Street  
Pendleton, OR 97801

IN REPLY REFER TO:

Case No.: 15-10-0669P  
Community Name: Umatilla County, OR  
Community No.: 410204  
Effective Date of  
This Revision: **June 3, 2016**

Dear Mr. Murdock:

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 panels 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 Bothell, Washington, at (425) 487-4682, or the FEMA Map Information eXchange 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/business/nfip>.

Sincerely,

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: The Honorable Phillip Houk  
Mayor, City of Pendleton

Mr. Tim Simons  
Community Development Director, City of Pendleton

Ms. Tamra Mabbott  
Planning Director, Umatilla County

Ms. Christine Shirley, CFM  
Department of Land Conservation & Development

Mr. Steve Lucker  
Floodplain and Natural Hazards Mapping Specialist  
Department of Land Conservation & Development

Mr. Seth Jelen, PE  
AMEC

Ms. Wendie Kellington  
Riverview Estates



# 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)	NO PROJECT	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 410204		
IDENTIFIER	Umatilla Near Highway 11	APPROXIMATE LATITUDE & LONGITUDE: 45.674, -118.759 SOURCE: Other      DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*      NO.: 41059C1017G      DATE: September 3, 2010 TYPE: FIRM      NO.: 41059C1036G      DATE: September 3, 2010		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 3, 2010 PROFILE: 66P FLOODWAY DATA TABLE: 7	

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map

### FLOODING SOURCE & REVISED REACH

Umatilla River - From approximately 550 feet downstream of Highway 11 to approximately 3,400 feet upstream of Highway 11

### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Umatilla River	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	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, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Luis Rodriguez, P.E., Chief  
Engineering Management Branch  
Federal Insurance and Mitigation Administration



**Federal Emergency Management Agency**  
Washington, D.C. 20472

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

**OTHER COMMUNITIES AFFECTED BY THIS REVISION**

**CID Number:** 410211      **Name:** City of Pendleton, Oregon

**AFFECTED MAP PANELS**

TYPE: FIRM	NO.: 41059C1017G	DATE: September 3, 2010
TYPE: FIRM	NO.: 41059C1036G	DATE: September 3, 2010

**AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT**

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 3, 2010  
PROFILE: 66P  
FLOODWAY DATA TABLE: 7

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, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Luis Rodriguez, P.E., Chief  
Engineering Management Branch  
Federal Insurance and Mitigation Administration



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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.

#### 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 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 "Luis Rodriguez".

Luis Rodriguez, P.E., Chief  
Engineering Management Branch  
Federal Insurance and Mitigation Administration



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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. 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 panels 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, 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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Luis Rodriguez, P.E., Chief  
Engineering Management Branch  
Federal Insurance and Mitigation Administration





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)	
Umatilla River (continued)									
DR	167,646	194	- <sup>2</sup>	- <sup>2</sup>	718.6	718.6	- <sup>2</sup>	- <sup>2</sup>	
DS	168,763	186	- <sup>2</sup>	- <sup>2</sup>	721.0	721.0	- <sup>2</sup>	- <sup>2</sup>	
DT	169,719	163	- <sup>2</sup>	- <sup>2</sup>	724.7	724.7	- <sup>2</sup>	- <sup>2</sup>	
DU	170,689	415	- <sup>2</sup>	- <sup>2</sup>	726.1	726.1	- <sup>2</sup>	- <sup>2</sup>	
DV	171,689	510	- <sup>2</sup>	- <sup>2</sup>	726.5	726.5	- <sup>2</sup>	- <sup>2</sup>	
DW	172,861	315	- <sup>2</sup>	- <sup>2</sup>	729.2	729.2	- <sup>2</sup>	- <sup>2</sup>	
DX	173,753	144	- <sup>2</sup>	- <sup>2</sup>	732.6	732.6	- <sup>2</sup>	- <sup>2</sup>	
DY	174,402	87	- <sup>2</sup>	- <sup>2</sup>	735.6	735.6	- <sup>2</sup>	- <sup>2</sup>	
DZ	174,684	84	- <sup>2</sup>	- <sup>2</sup>	738.9	738.9	- <sup>2</sup>	- <sup>2</sup>	
EA	175,710	327	- <sup>2</sup>	- <sup>2</sup>	739.05	739.05	- <sup>2</sup>	- <sup>2</sup>	
EB	177,399	n/a	- <sup>2</sup>	- <sup>2</sup>	741.31	741.31	- <sup>2</sup>	- <sup>2</sup>	
EC	291,851	390	2,562	8.0	1,102.7	1,102.7	1,103.5	0.8	
ED	291,906	281	2,489	8.3	1,103.7	1,103.7	1,104.2	0.5	
EE	292,391	158	1,313	15.7	1,104.4	1,104.4	1,104.5	0.1	
EF	292,544	223	1,980	10.4	1,107.4	1,107.4	1,108.0	0.6	
EG	292,800	157	1,608	12.8	1,108.0	1,108.0	1,108.4	0.4	
EH	293,306	239	2,210	9.3	1,110.5	1,110.5	1,110.5	0.0	
EI	293,868	380	2,609	7.9	1,113.3	1,113.3	1,113.4	0.1	
EJ	294,314	740	3,197	6.4	1,114.2	1,114.2	1,114.4	0.2	
EK	294,549	827	4,298	4.8	1,115.7	1,115.7	1,116.0	0.3	
EL	294,789	909	3,866	5.3	1,116.4	1,116.4	1,116.6	0.2	
EM	295,249	1,139	4,119	5.0	1,118.5	1,118.5	1,118.6	0.1	
EN	295,931	1,396	4,122	5.0	1,121.9	1,121.9	1,122.0	0.1	
EO	296,570	1,288	4,639	4.4	1,125.5	1,125.5	1,125.6	0.1	

<sup>1</sup>Feet above confluence with Columbia River  
<sup>2</sup>Data not available

REVISED DATA

FLOODWAY DATA

FEDERAL EMERGENCY MANAGEMENT AGENCY

UMATILLA COUNTY, OR AND INCORPORATED AREAS

UMATILLA RIVER

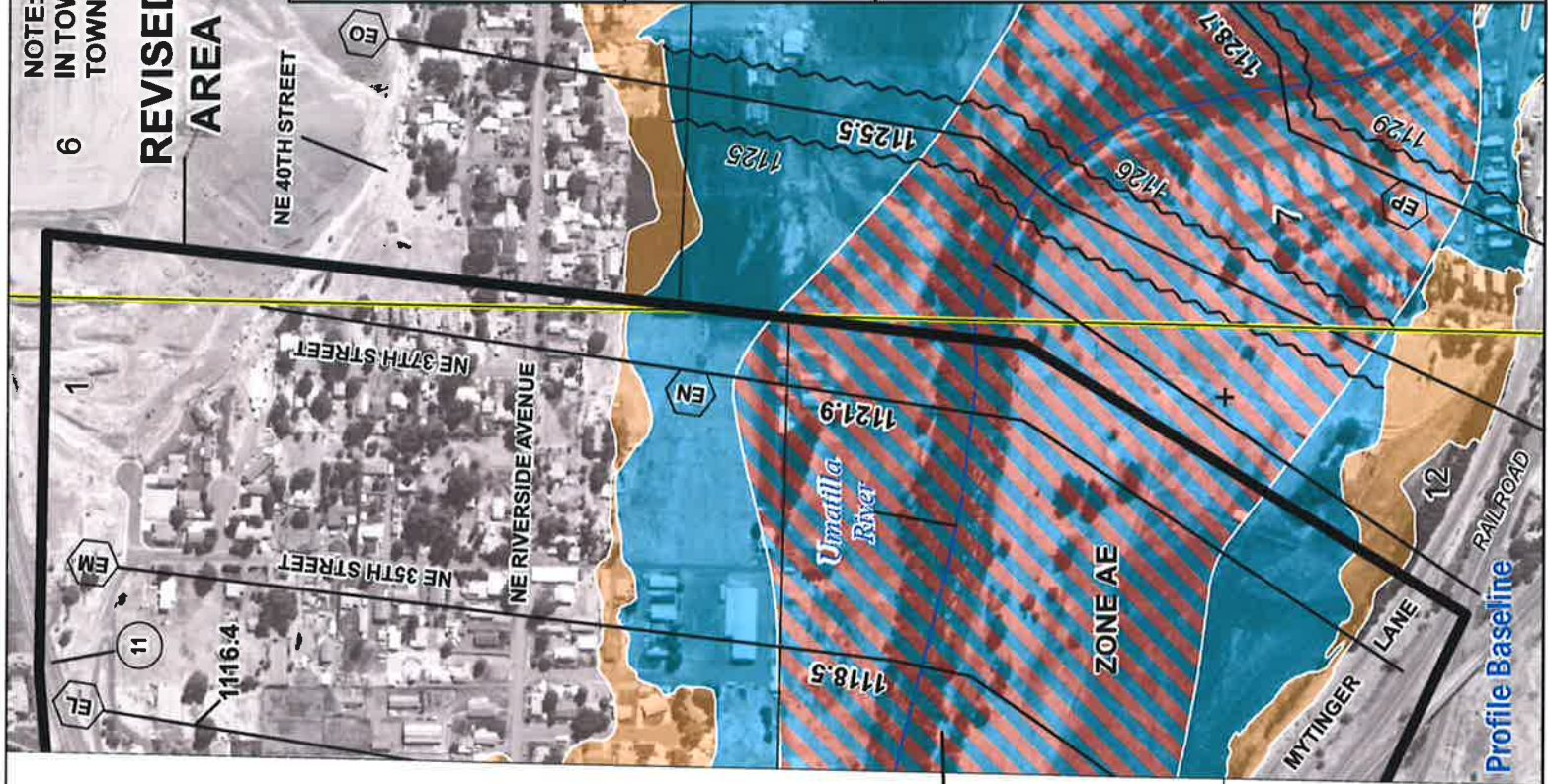
TABLE 7

REVISED TO REFLECT LOMR EFFECTIVE: JUNE 3, 2016

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCAL IN TOWNSHIP 2 NORTH, RANGE 33 EAST AND TOWNSHIP 2 NORTH, RANGE 32 EAST.

# REVISED AREA

## Umatilla Indian Reservation 410012



JOINS PANEL 1017

Umatilla County  
Unincorporated Areas  
410204

50°59'000mN

**Without Base Flood Elevation (BFE)**  
Zone A, V, AGS

**With BFE or Depth** Zone AE, AO, AH, VE, AR

**Regulatory Floodway**

**0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile** Zone X

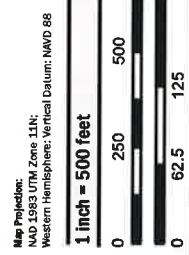
**Future Conditions 1% Annual Chance Flood Hazard** Zone X

**Area with Reduced Flood Risk due to Levee** See Notes. Zone X

**SPECIAL FLOOD HAZARD AREAS**

**OTHER AREAS OF FLOOD HAZARD**

### SCALE



**FEMA**

**NATIONAL FLOOD INSURANCE PROGRAM**

**FLOOD INSURANCE RATE MAP**

**UMATILLA COUNTY, OREGON**  
AND INCORPORATED AREAS

**PANEL 10336 of 23350**

Panel Contains	COMMUNITY	NUMBER	PANEL	SUFFIX
PENDLETON, CITY OF	410211	1036	G	G
UMATILLA COUNTY	410204	1036	G	G
UMATILLA INDIAN RESERVATION	410012	1036	G	G

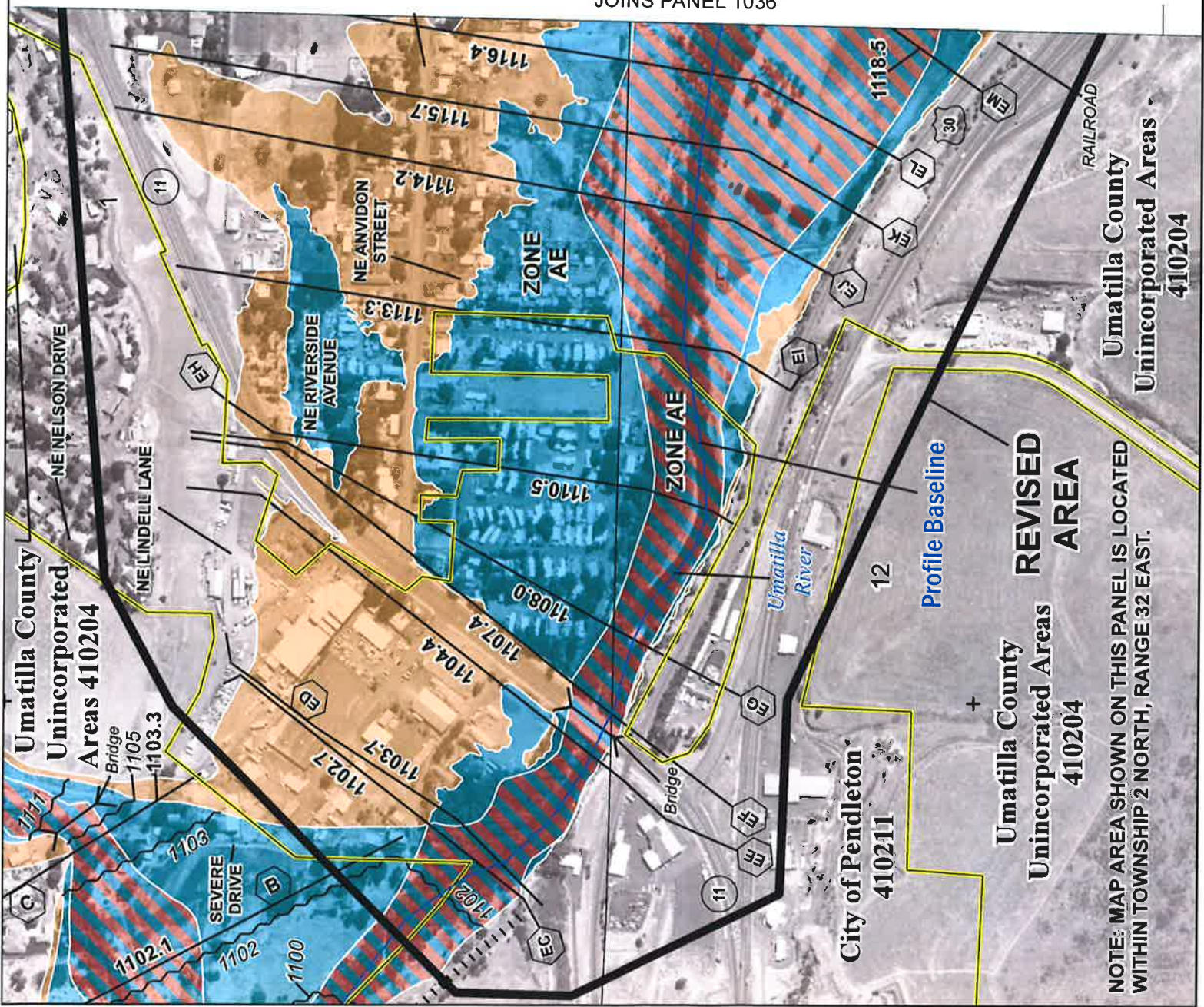
**REVISED TO REFLECT LOMR EFFECTIVE: JUNE 3, 2016**

VERSION NUMBER  
**1.0.0.0**

MAP NUMBER  
**41059C1036G**

EFFECTIVE DATE  
**SEPTEMBER 3, 2010**





NE 32ND STREET

JOINS PANEL 1036

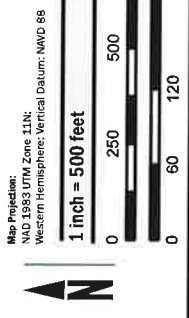
735000 FT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE) Zone AE, AD, AO, AV, VE, AR
- With BFE or Depth Zone AE, AO, AV, VE, AR
- Regulatory Floodway
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes, Zone X

**OTHER AREAS OF FLOOD HAZARD**

**SCALE**



**FEMA**

**NATIONAL FLOOD INSURANCE PROGRAM**

**FLOOD INSURANCE RATE MAP**

**UMATILLA COUNTY, OREGON**  
AND INCORPORATED AREAS

**PANEL 1017 OF 2350**

Panel Contains:	NUMBER	PANEL	SUFFIX
COMMUNITY	410211	1017	G
PENDLETON, CITY OF	410204	1017	G
UMATILLA COUNTY			

**REVISOR TO REFLECT LOMR EFFECTIVE: JUNE 3, 2016**

VERSION NUMBER 1.0.0.0  
MAP NUMBER 41059C1017G  
EFFECTIVE DATE SEPTEMBER 3, 2010

Umatilla County  
Unincorporated  
Areas 410204

NE NELSON DRIVE  
NE LINDELL LANE  
NE ANVIDON STREET  
NE RIVERSIDE AVENUE  
SEVERE DRIVE

1102.1 1102 1100 1102.7 1103.7 1104.4 1107.4 1108.0 1110.5 1113.3 1114.2 1115.7 1116.4

Umatilla River

RAILROAD

Umatilla County  
Unincorporated Areas  
410204

City of Pendleton  
410211

Profile Baseline

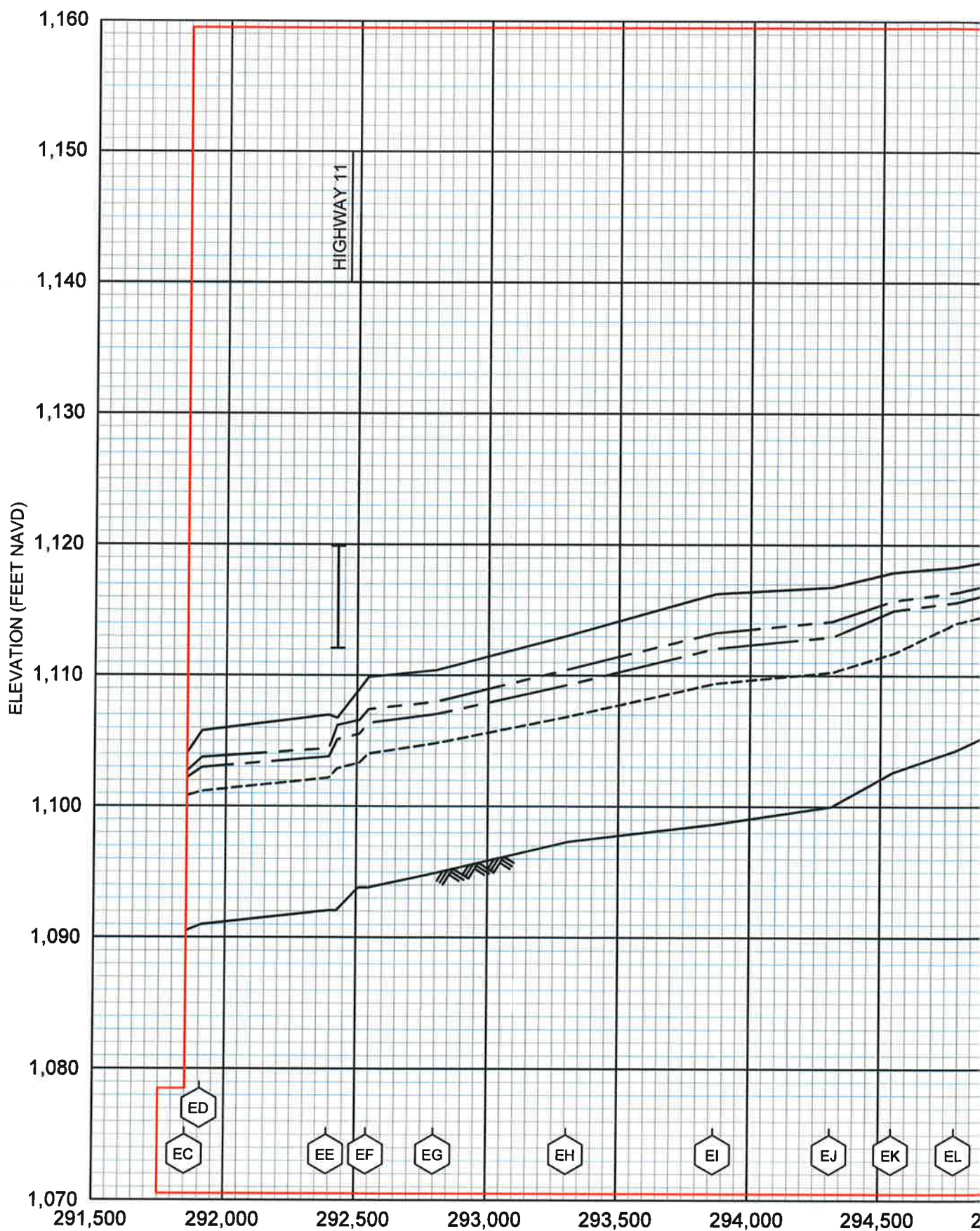
12

**REVISED AREA**

Umatilla County  
Unincorporated Areas  
410204

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 2 NORTH, RANGE 32 EAST.





REVISED TO REFLECT LOMR EFFECTIVE: JUNE 3, 2016

STREAM DISTANCE IN FEET ABOVE CONF