





# FEMA and the Letter of Map Revision and Conditional Letter of Map Revision Process



# Abbreviations

- NFIP – National Flood Insurance Program
- PMR – Physical Map Revision
- LOMR – Letter of Map Revision
- CLOMR – Conditional Letter of Map Revision
- FIRM – Flood Insurance Rate Map
- FIS – Flood Insurance Study  
<https://msc.fema.gov/portal>
- SFHA – Special Flood Hazard Area
- CFR – Code of Federal Regulations
- BFE – Base Flood Elevation

# Types of Map Revisions

- Countywide Study
- Physical Map Revision (PMR)
- Letter of Map Revision (LOMR)



# FEMA MT-2 (Map Revisions)

- Letter of Map Revision (LOMR)
- Conditional Letter of Map Revision (CLOMR)

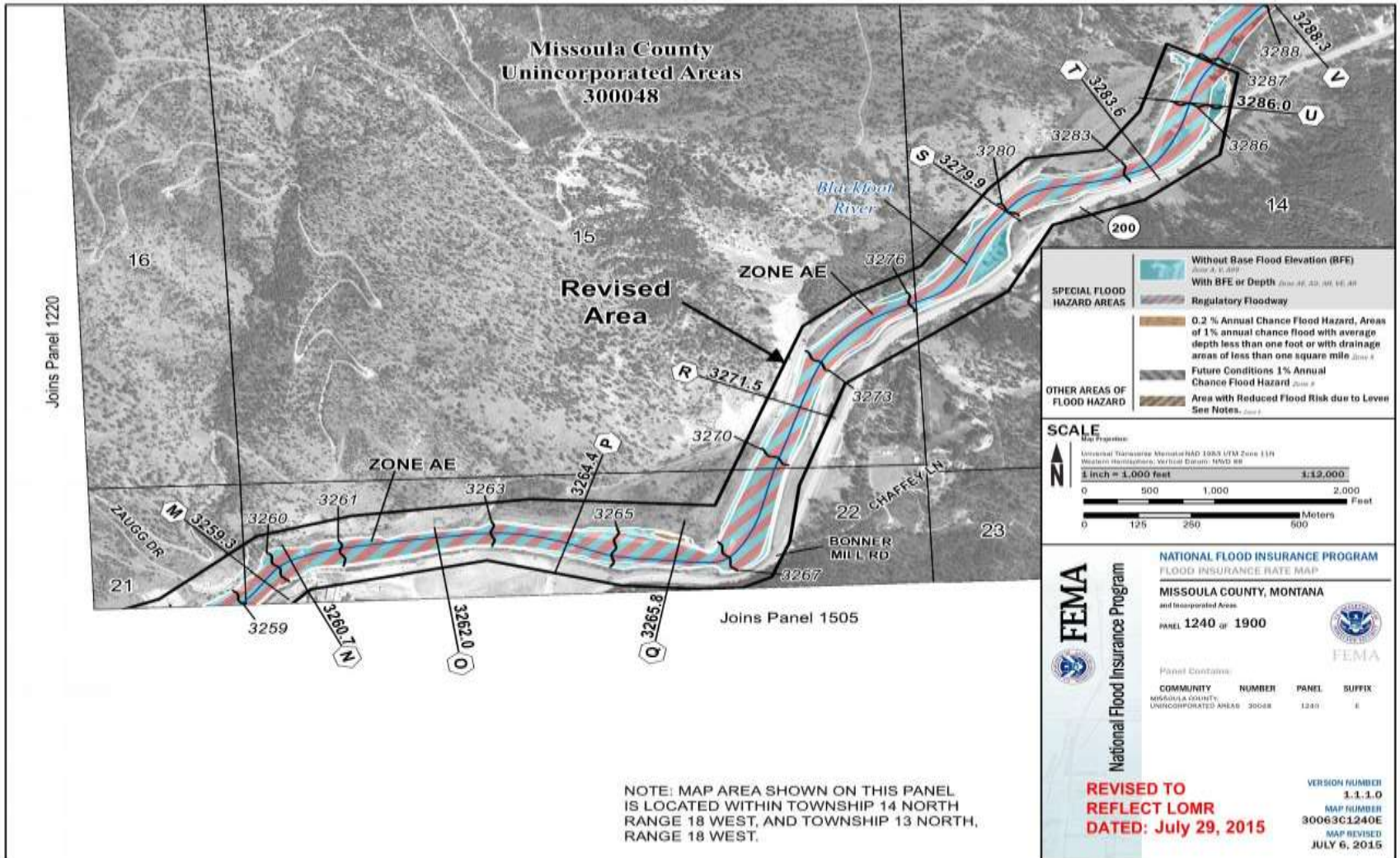




# Letter of Map Revision

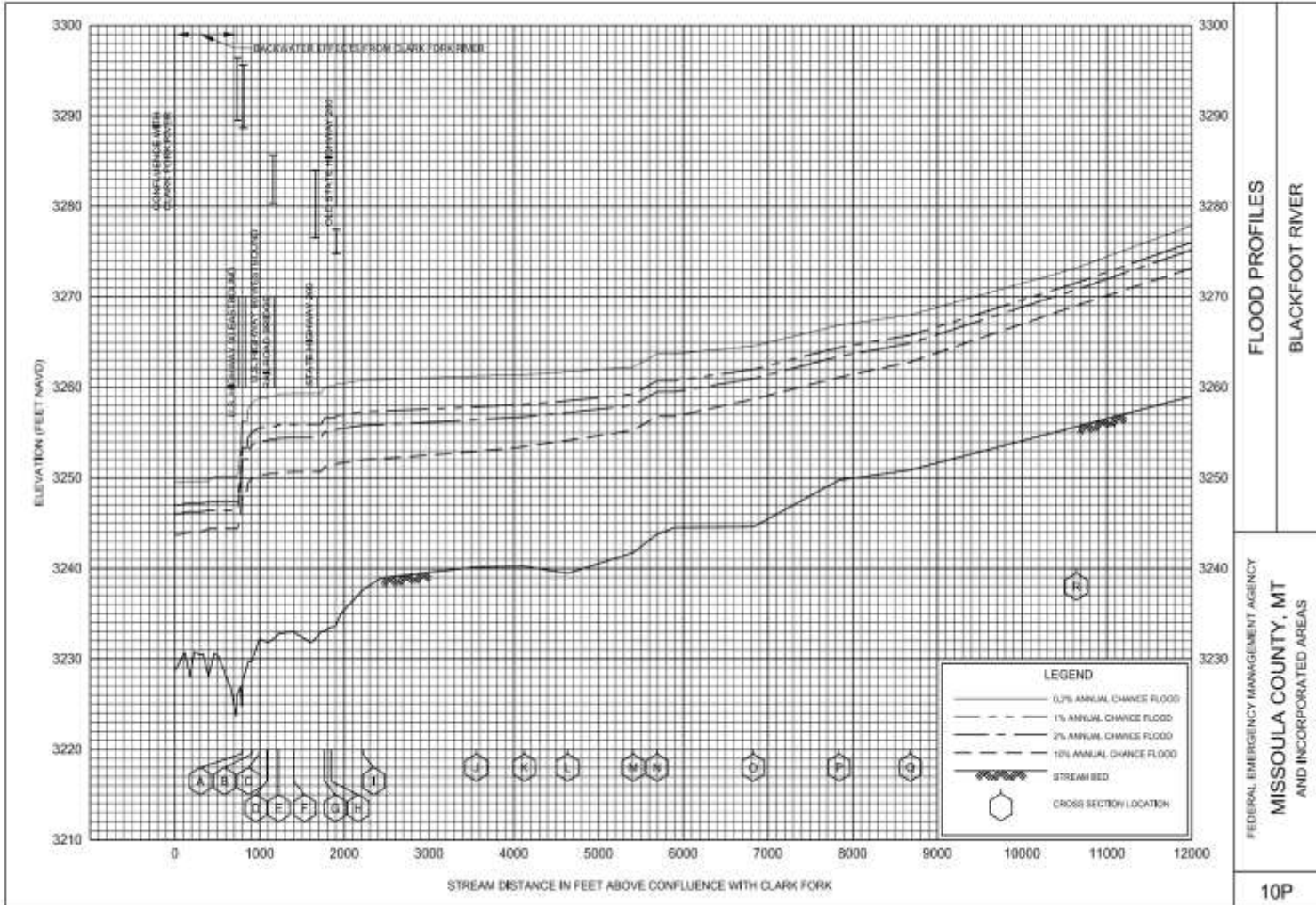
- Smaller Areas than Countywide and PMRs
- Official document that revises the Floodplain, BFEs and/or Floodway
- Annotates FIRM and FIS as in Countywide Study and PMR
- Used for areas needing more detailed analysis, man-made projects and natural changes

# Letter of Map Revision (LOMR)





# Profile





# Floodway Data Table (FWDT)



FLOODING SOURCE		FLOODWAY			1-PERCENT ANNUAL CHANGE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
CLARK FORK (cont.)								
DL	214,167	335	5,003	8.5	3,214.1	3,214.1	3,214.1	0.0
DM	214,217	339	5,226	8.1	3,214.2	3,214.2	3,214.7	0.5
DN	214,337	323	4,348	9.8	3,214.3	3,214.3	3,214.8	0.5
DO	214,427	324	4,379	9.7	3,214.4	3,214.4	3,214.9	0.5
DP	215,177	286	3,734	11.4	3,215.7	3,215.7	3,216.1	0.4
DQ	217,327	212	3,324	12.8	3,219.6	3,219.6	3,219.7	0.1
DR	217,377	215	3,463	12.3	3,219.9	3,219.9	3,220.4	0.5
DS	219,177	371	5,225	8.1	3,223.6	3,223.6	3,223.8	0.2
DT	221,677	274	4,183	10.2	3,225.9	3,225.9	3,226.1	0.2
DU	224,200	314	3,659	11.6	3,230.8	3,230.8	3,230.9	0.1
DV	225,875	211	2,937	14.5	3,234.4	3,234.4	3,234.4	0.0
DW	225,925	215	3,139	13.5	3,234.8	3,234.8	3,235.3	0.5
DX	227,720	250	4,280	9.9	3,239.4	3,239.4	3,239.5	0.1
DY	230,307	563	6,421	7.9	3,243.1	3,243.1	3,243.4	0.3
DZ	231,212	636	5,609	9.1	3,244.8	3,244.8	3,244.8	0.0
EA	231,509	942	8,285	6.2	3,246.3	3,246.3	3,246.4	0.1
EB	232,103	1,290	8,842	3.0	3,247.7	3,247.7	3,247.8	0.1
EC	232,292	1,227	8,393	3.6	3,247.8	3,247.8	3,247.9	0.1
ED	232,595	1,280	7,636	4.0	3,248.1	3,248.1	3,248.2	0.1
EE	233,048	996	4,497	6.0	3,249.1	3,249.1	3,249.1	0.0
EF	235,229	863	4,891	5.6	3,255.5	3,255.5	3,255.7	0.2
EG	235,849	849	3,891	6.7	3,257.2	3,257.2	3,257.4	0.2
EH	237,262	2,922	7,057	4.1	3,262.4	3,262.4	3,262.4	0.0

<sup>1</sup> Feet Above Missoula County/Mineral County Line

Revised Data

**TABLE 5**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MISSOULA COUNTY, MT  
 AND INCORPORATED AREAS**

**FLOODWAY DATA**  
**CLARK FORK**

# Conditional Letter of Map Revision (CLOMR)



- An official comment by FEMA whether a proposed encroachment on the floodplain would require a revision to the Flood Insurance Rate Map.
- Only for man-made projects including bridges, culverts, channelization, fill or any other flood-control structure

# Regulatory Requirements



- NFIP Regulations provide minimum standards
- FEMA must be notified of projects that effect the base flood elevations within 6 months (Section 65.3)
- Data submittal requirements under Sections 65.5, 65.6, 65.7 (as-built certifications not required for CLOMRs)
- New or updated hydrology can be submitted with both but not as future conditions

# Regulatory Requirements (Cont.)



- LOMR
  - Base Flood Elevation Increases (Natural Changes)
    - No Floodway – up to 1 foot
    - Floodway – No increases
  - If there are increases more than above, property owners must be notified for Base Flood Elevation increases and SFHA increases
  - FIRMs cannot be revised based on proposed conditions (Section 65.6)

# Regulatory Requirements (Cont.)



- CLOMR

- When community permits encroachments into floodplain or floodway

- In floodplain for any increase in BFE > 1 foot
- In floodway for any increase over 0.00 feet

- Increases are allowed however, with requirements:

- Request for revisions, conditional approval and fee
- Property Owner Notification
- Statement of No Insurable Structures
- Evaluation of alternatives
- Concurrence of CEO of community

# MT-2's and Flood Recovery Work



- Hydrology
  - Can or cannot be updated
  - Does not initiate a CLOMR
- FEMA requirements still in place
- Size of CLOMRs
- Work underway
  - US34 – Cache La Poudre
  - St. Vrain Creek through Longmont
  - Big Thompson US34 Canyon