



## Conditional Letter of Map Revision (CLOMR) and Letter of Map Revision (LOMR)

### Common Submittal Issues to Avoid

#### **General:**

- MT-2 forms are incomplete or missing applicable forms
- Community acknowledgement is required for all affected communities
  - Important for multi-community LOMRs
  - Provide annexation documentation if applicable
- Missing or incorrect notifications:
  - Increase in SFHA and/or BFE
  - Floodway public notice – Regulatory
  - Regulation 65.12 (CLOMR requirements)
- Incorrect or missing fees
- Missing supporting information
- No as-builts provided
- As-builts not sealed
- Incorrect effective data submitted
- Check for effective LOMRs within your project area
- Levees
  - No 65.10 supporting data
  - Not recognizing man-made structures as levees
  - Incorrect modeling/mapping of uncertified levees
- Not including an annotated FIRM
- Topographic Work Map is not sealed

#### **Hydrologic:**

- Unaccepted model or methodology
- Revisions based on changed discharges
  - Maps will not be revised when discharges change as a result of alternative methodology unless the change is statistically significant.
- Missing or incomplete supporting documentation
  - Tc calculations, CN data, etc.

- Proper documentation for detention basins.

### **Hydraulic Modeling:**

- XS not extended enough
- Wrong HEC-RAS version
- Not matching effective flow type
  - Mixed or super-critical flow
- Structure modeling errors
  - XS locations
  - Bridge methodology
  - Coefficients
- Ineffective flow areas
  - Inappropriate
  - Not used/Missing
  - No explanation or documentation
- Mismatched models

### **Hydraulic Modeling Comparisons:**

- Effective FIS data vs Duplicate Effective
  - Should match within 0.1-foot at all location if digital model available
- Duplicate Effective vs Corrected Effective
  - Are they really effective errors?
- Duplicate/Corrected Effective vs Pre-Project (Existing)
  - How do they compare?
  - Are there any potential violations?
- Pre-Project vs Post-Project (Proposed)
  - What are the true impacts of the project
- Effective vs Pros-Project
  - Impact on the FIRM and FIS
  - Determines adverse impact notification requirements.

### **Hydraulic Mapping:**

- Topographic Information
  - Not legible
  - Not extensive enough
  - Missing vertical datum
  - Not labeled
- Work Maps
  - Cross sections not shown

- 0.2-percent, floodway, etc. not shown
  - Extraneous information
  - Data not provided in a digital format
  - Provide spatially reference GIS data whenever possible
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- Tie-ins – 44 CFR 65.6(a)(2)
  - Zone AE with BFE
  - Must tie-in to the FIS profiles within 0.5-feet.
  - SFHA boundary
  - Floodway boundary
  - Zone A
  - SFHA boundary
  - Agreement problems (map vs. model)
  - Top widths
  - Channel lengths
  - BFEs vs. contours
  - 5% of FIRM map scale
  - 1:24,000, 1" = 2000' 100' Tolerance
  - 1:12,000, 1" = 1000' 50' Tolerance
  - 1:6,000, 1" = 500' 25' Tolerance

**IMPORTANT:**

Graphical tie-in to the effective floodplain should be within 5% of the effective FIRM scale!