



Agenda Item # 27f
Date 8/26/20

Federal Emergency Management Agency

Washington, D.C. 20472

August 5, 2020

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:

Case No.: 19-07-1204R
Community Name: Dodge County, NE
Community No.: 310068

The Honorable Bob Missel
Chair, Board of Supervisors
Dodge County Courthouse
435 N. Park
Fremont, NE 68025

 COPY

Dear Mr. Missel:

We are providing our comments with the enclosed Conditional Letter of Map Revision (CLOMR) on a proposed project within your community that, if constructed as proposed, could revise the effective Flood Insurance Study report and Flood Insurance Rate Map for your community.

If you have any questions regarding the floodplain management regulations for your community, the National Flood Insurance Program (NFIP) in general, or technical questions regarding this CLOMR, please contact the Director, Mitigation Division of the Federal Emergency Management Agency (FEMA) Regional Office in Kansas City, MO at (816) 283-7002, or the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

2020 AUG 17 AM 8:50
RECEIVED
Dodge Co Highway Dept

List of Enclosures:

Conditional Letter of Map Revision Comment Document

cc: The Honorable Ken Thomas
Mayor
City of Scribner

Ms. Katie Ringland, P.E., CFM
State NFIP Coordinator
Nebraska Department of Natural Resources

Ms. Jean Andrews
Flood Plain Manager
Dodge County

Mr. Kirk Harvey, P.E.
Hydraulic Engineer
Nebraska Department of Transportation

Mr. Jack Cordes
City of Scribner
Utility Superintendent/Flood Plain Administrator

Mr. Matthew T. McConville, P.E.
Associate Vice President
HDR Engineering, Inc.



Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT

COMMUNITY INFORMATION		PROPOSED PROJECT DESCRIPTION	BASIS OF CONDITIONAL REQUEST
COMMUNITY	Dodge County Nebraska (Unincorporated Areas)	LEVEE BRIDGE	BASE MAP CHANGES HYDRAULIC ANALYSIS FLOODWAY LEVEE CERTIFICATION UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 310068		
IDENTIFIER	NDOT US 275 Scribner to West Point	APPROXIMATE LATITUDE & LONGITUDE: 41.705, -96.691 SOURCE: GOOGLE DATUM: NAD 83	
AFFECTED MAP PANELS			
TYPE: FIRM*	NO.: 31053C0120G	DATE: March 3, 2011	* FIRM - Flood Insurance Rate Map
TYPE: FIRM	NO.: 31053C0125F	DATE: May 4, 2009	
TYPE: FIRM	NO.: 31053C0150F	DATE: May 4, 2009	
TYPE: FIRM	NO.: 31053C0260F	DATE: May 4, 2009	
TYPE: FIRM	NO.: 31053C0275F	DATE: May 4, 2009	

FLOODING SOURCES AND REACH DESCRIPTION

See Page 2 for Additional Flooding Sources

Elkhorn River – From approximately 200 feet upstream of Main Street to the Dodge County - Cuming County boundary

PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Elkhorn River	Bridge Modification	U.S. Highway 275 Bridge
	Grading	Along U.S. Highway 275 from approximately 5,800 feet upstream of Main Street to the Dodge - Cuming County boundary

SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Elkhorn River	Zone AE	Zone AE	Yes	Yes
	Floodway	Floodway	Yes	Yes
	BFEs*	BFEs	None	Yes
	Zone X (shaded)	Zone X (shaded)	Yes	Yes

* BFEs - Base (1-percent-annual-chance) Flood Elevations

COMMENT

This document provides the Federal Emergency Management Agency's (FEMA's) comment regarding a request for a CLOMR for the project described above. This document is not a final determination; it only provides our comment on the proposed project in relation to the flood hazard information shown on the effective National Flood Insurance Program (NFIP) map. We reviewed the submitted data and the data used to prepare the effective flood hazard information for your community and determined that the proposed project meets the minimum floodplain management criteria of the NFIP. Your community is responsible for approving all floodplain development and for ensuring that all permits required by Federal or State/Commonwealth law have been received. State/Commonwealth, county, and community officials, based on their knowledge of local conditions and in the interest of safety, may set higher standards for construction in the Special Flood Hazard Area (SFHA), the area subject to inundation by the base flood. If the State/Commonwealth, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on the FEMA website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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**CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)**

COMMUNITY INFORMATION (CONTINUED)

ADDITIONAL FLOODING SOURCES AFFECTED BY THIS CONDITIONAL REQUEST

FLOODING SOURCES AND REACH DESCRIPTION

Elkhorn River Split Flow – From its confluence with the Elkhorn River to the Dodge -Cuming County Boundary
Pebble Creek – From its confluence with the Elkhorn River to approximately 5,500 feet upstream of County Road 13
Pebble Creek Overflow - From its confluence with the Elkhorn River to its divergence from Pebble Creek

PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Elkhorn River Split Flow	Grading	Along U.S. Highway 275 from its confluence with the Elkhorn River to the Dodge - Cuming County boundary
Pebble Creek	Levee Modification	From its confluence with Elkhorn River to approximately 300 feet upstream of County Road 13
Pebble Creek Overflow	Levee Modification	From its confluence with Elkhorn River to approximately 4,900 feet upstream of confluence with Elkhorn River
	New Bridge	At U.S. Highway 275 approximately 2,900 feet upstream of its confluence with Elkhorn River

SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Elkhorn River Split Flow	Zone AE	Zone AE	Yes	Yes
	No BFEs	BFEs	Yes	None
	No Floodway	Floodway	Yes	None
	Zone X (shaded)	Zone X (shaded)	Yes	Yes
Pebble Creek	Zone AE	Zone AE	Yes	Yes
	BFEs	BFEs	Yes	Yes
	Floodway	Floodway	Yes	Yes
	Zone X (shaded)	Zone X (shaded)	Yes	Yes
Pebble Creek Overflow	Zone AE	Zone AE	Yes	Yes
	No BFEs	BFEs	Yes	None
	No Floodway	Floodway	Yes	None
	Zone X (shaded)	Zone X (shaded)	Yes	Yes

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**CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)**

OTHER COMMUNITIES AFFECTED BY THIS CONDITIONAL REQUEST

CID Number: 310071

Name: City of Scribner, Nebraska

AFFECTED MAP PANELS

TYPE: FIRM NO.: 31053C0120G DATE: March 3, 2011

TYPE: FIRM NO.: 31053C0125F DATE: May 4, 2009

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Patrick "Rick" F. Sacibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



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CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

To determine the changes in flood hazards that will be caused by the proposed project, we compared the hydraulic modeling reflecting the proposed project (referred to as the proposed conditions model) to the hydraulic modeling used to prepare the Flood Insurance Study (FIS) (referred to as the effective model). If the effective model does not provide enough detail to evaluate the effects of the proposed project, an existing conditions model must be developed to provide this detail. This existing conditions model is then compared to the effective model and the proposed conditions model to differentiate the increases or decreases in flood hazards caused by more detailed modeling from the increases or decreases in flood hazards that will be caused by the proposed project.

The table below shows the changes in the BFEs:

BFE Comparison Table

Flooding Source:		BFE Change (feet)	Location of maximum change
Elkhorn River			
Existing vs. Effective	Maximum increase	0.0	n/a
	Maximum decrease	3.1	Just upstream of U.S. Highway 275
Proposed vs. Existing	Maximum increase	2.8	Just upstream of U.S. Highway 275
	Maximum decrease	0.0	n/a
Proposed vs. Effective	Maximum increase	0.0	n/a
	Maximum decrease	2.8	Approximately 14,300 feet upstream of Bridge Street
Flooding Source:		BFE Change (feet)	Location of maximum change
Elkhorn River Split Flow			
Existing vs. Effective	Maximum increase	0.0	n/a
	Maximum decrease	0.0	n/a
Proposed vs. Existing	Maximum increase	0.0	n/a
	Maximum decrease	2.7	Approximately 5,700 feet upstream of County Road B
Proposed vs. Effective	Maximum increase	0.0	n/a
	Maximum decrease	0.0	n/a
Flooding Source:		BFE Change (feet)	Location of maximum change
Pebble Creek			
Existing vs. Effective	Maximum increase	0.7	Approximately 700 feet downstream of County Road
	Maximum decrease	1.9	Approximately 1,200 feet upstream of County Road 13
Proposed vs. Existing	Maximum increase	0.4	Just upstream of County Road
	Maximum decrease	0.5	Approximately 2,000 feet upstream of County Road 14
Proposed vs. Effective	Maximum increase	0.7	Approximately 700 feet downstream of County Road
	Maximum decrease	2.1	Approximately 1,200 feet upstream of County Road 13

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CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

Flooding Source:		BFE Change (feet)	Location of maximum change
Pebble Creek Overflow			
Existing vs. Effective	Maximum increase	0.0	n/a
	Maximum decrease	0.0	n/a
Proposed vs. Existing	Maximum increase	0.3	Approximately 1800 feet upstream of the confluence with the Elkhorn River
	Maximum decrease	2.2	Approximately 2,400 feet downstream of the divergence from Pebble Creek
Proposed vs. Effective	Maximum increase	0.0	n/a
	Maximum decrease	0.0	n/a

Increases due to the proposed project that exceed those permitted under Paragraphs (c)(10) or (d)(3) of Section 60.3 of the NFIP regulations must adhere to Section 65.12 of the NFIP regulations. With this request, your community has complied with all requirements of Paragraph 65.12(a) of the NFIP regulations. Compliance with Paragraph 65.12(b) also is necessary before FEMA can issue a Letter of Map Revision when a community proposes to permit encroachments into the effective regulatory floodway that will cause BFE increases in excess of those permitted under Paragraph 60.3(d)(3).

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.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on the FEMA website at <https://www.fema.gov/flood-insurance>.

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CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

Upon completion of the project, your community must submit the data listed below and request that we make a final determination on revising the effective FIRM and FIS report. If the project is built as proposed and the data below are received, a revision to the FIRM and FIS report would be warranted.

- Form 1, entitled "Overview & Concurrence Form". Detailed application and certification forms must be used for requesting final revisions to the maps. Therefore, when the map revision request for the area covered by this letter is submitted, Form 1 must be included. If as-built conditions differ from the proposed plans, please submit new forms, which may be accessed at http://www.fema.gov/plan/prevent/fhm/dl_mt-2.shtm, or annotated copies of the previously submitted forms showing the revised information.
- Form 2, entitled "Riverine Hydrology & Hydraulics Form."
- Form 3, entitled "Riverine Structures Form."
- Hydraulic analyses, for as-built conditions, of the base flood; the 10-percent, 2-percent, and 0.2 percent annual chance floods; and the regulatory floodway, together with a topographic work map showing the revised floodplain and floodway boundaries. Please ensure that the revised information ties in with the current effective information at the downstream and upstream ends of the revised reach.
- Annotated copies of all the FIRMs, at the scale of the effective FIRMs, that shows the revised floodplain and floodway boundary delineations shown on the submitted work map and how they tie into the floodplain and floodway boundary delineations shown on the current effective FIRM at the downstream and upstream ends of the revised reach.
- As-built plans, certified by a registered professional engineer, of all proposed project elements.
- A copy of the public notice distributed by your community, stating its intent to revise the regulatory floodway, or a signed statement by your community that it has notified all affected property owners and affected adjacent jurisdictions.
- Documentation of the individual legal notices sent to property owners who will be affected by any widening/shifting of the base floodplain and/or any BFE increases along Elkhorn River, Elkhorn River Split Flow, Pebble Creek, and Pebble Creek Overflow.
- Evidence that your community has, prior to approval of the proposed encroachment, adopted floodplain management ordinances that incorporate the increased BFEs and revised floodway boundary delineations to reflect the post-project conditions, as stated in Paragraph 65.12(b).

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CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

- A letter stating that your community will adopt and enforce the modified regulatory floodway, OR, if the State/Commonwealth has jurisdiction over either the regulatory floodway or its adoption by your community, a copy of your community's letter to the appropriate State/Commonwealth agency notifying it of the modification to the regulatory floodway and a copy of the letter from that agency stating its approval of the modification.
- An officially adopted maintenance and operation plan for the levee. This plan, which may be in the form of a written statement from the community Chief Executive Officer, an ordinance, or other legislation, must describe the nature of the maintenance activities, the frequency with which they will be performed, and the title of the local community official who will be responsible for ensuring that the maintenance activities are accomplished.
- FEMA's fee schedule for reviewing and processing requests for conditional and final modifications to published flood information and maps may be accessed at http://www.fema.gov/plan/prevent/fhm/firm_fees.shtm. The fee at the time of the map revision submittal must be received before we can begin processing the request. Payment of this fee can be made through a check or money order, made payable in U.S. funds to the National Flood Insurance Program, or by credit card (Visa or MasterCard only). Please forward the payment, along with the revision application, to the following address:

LOMC Clearinghouse
3601 Eisenhower Avenue, Suite 500
Alexandria, VA 22304-6426

After receiving appropriate documentation to show that the project has been completed, FEMA will initiate a revision to the FIRM and FIS report. Because the flood hazard information (i.e., base flood elevations, base flood depths, SFHAs, zone designations, and/or regulatory floodways) will change as a result of the project, a 90-day appeal period will be initiated for the revision, during which community officials and interested persons may appeal the revised flood hazard information based on scientific or technical data.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMiX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on the FEMA website at <https://www.fema.gov/flood-insurance>.

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**CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)**

COMMUNITY INFORMATION (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:

Ms. Catherine Sanders
Director, Mitigation Division
Federal Emergency Management Agency, Region VII
11224 Holmes Road
Kansas City, MO 64131
(816) 283-7002

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