

Follows Conditional Case No.: 17-07-1525R



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Grand Island Hall County Nebraska	CHANNELIZATION DETENTION BASIN LEVEE	FLOODWAY HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 310103		
IDENTIFIER	Silver Creek Detention Cell and Levee Improvements and Moores Creek Analysis	APPROXIMATE LATITUDE & LONGITUDE: 40.960, -98.413 SOURCE: USGS QUADRANGLE      DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 31079C0157D      DATE: September 26, 2008	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 26, 2008 PROFILE(S): 07P, 07P(A)(NEW), 12P, 13P, 14P, 37P(NEW), 38P(NEW), 39P(NEW), AND 40P(NEW) FLOODWAY DATA TABLE: 5 SUMMARY OF DISCHARGES TABLE: 3	
TYPE: FIRM	NO.: 31079C0158D      DATE: September 26, 2008		
TYPE: FIRM	NO.: 31079C0159D      DATE: September 26, 2008		
TYPE: FIRM	NO.: 31079C0167D      DATE: September 26, 2008		
TYPE: FIRM	NO.: 31079C0175D      DATE: September 26, 2008		
TYPE: FIRM	NO.: 31079C0178D      DATE: September 26, 2008		
TYPE: FIRM	NO.: 31079C0200D      DATE: September 26, 2008		

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map

### FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Silver Creek - From approximately 600 feet downstream of White Cloud Road to approximately 8,200 feet upstream of 70th Road

### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Silver Creek	Zone AE	Zone AE	YES	YES
	Zone X (unshaded)	Zone X (unshaded)	YES	YES
	BFEs*	BFEs	NONE	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 Mapping and Insurance eXchange 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 our website at <http://www.fema.gov/nfip>.

Patrick "Rick" F. Sacbbit, P.E., Branch Chief  
Engineering Services 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(S) & REVISED REACH(ES)**

Silver Creek - From approximately 600 feet downstream of White Cloud Road to approximately 8,200 feet upstream of 70th Road  
 Moores Creek - From St. Paul Road to approximately 3,200 feet upstream of Nebraska Highway 2  
 Moores Creek Western Tributary - From the confluence with Moores Creek to approximately 1,500 feet upstream of Independence Avenue  
 Moores Creek Eastern Tributary - From the confluence of Moores Creek to approximately 750 feet upstream of Old Nebraska Highway 2  
 Prairie Creek - From just upstream of North Webb Road to just downstream of Engleman Road

**SUMMARY OF REVISIONS**

<b>Flooding Source</b>	<b>Effective Flooding</b>	<b>Revised Flooding</b>	<b>Increases</b>	<b>Decreases</b>
Silver Creek	Zone X (shaded)	Zone X (shaded)	YES	YES
Moores Creek	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
	BFEs	BFEs	YES	YES
	Zone X (unshaded)	Zone X (unshaded)	YES	YES
Moores Creek Western Tributary	Zone X (shaded)	Zone X (shaded)	YES	YES
	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
	BFEs	BFEs	YES	YES
Moores Creek Eastern Tributary	Zone X (unshaded)	Zone X (unshaded)	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
Prairie Creek	BFEs	BFEs	YES	YES
	Zone X (unshaded)	Zone X (unshaded)	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
	Zone AE	Zone AE	YES	YES
	Zone X (unshaded)	Zone X (unshaded)	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES

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 Mapping and Insurance eXchange 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 our website at <http://www.fema.gov/nfip>.

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

**OTHER COMMUNITIES AFFECTED BY THIS REVISION**

**CID Number:** 310100      **Name:** Unincorporated Areas of Hall County, Nebraska

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 31079C0157D	DATE: September 26, 2008	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 26, 2008 PROFILE(S): 07P, 07P(A)(NEW), 12P, 13P, 14P, 37P(NEW), 38P(NEW), 39P(NEW), AND 40P(NEW) FLOODWAY DATA TABLE: 5 SUMMARY OF DISCHARGES TABLE: 3
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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.

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.

#### COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist 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 Mapping and Insurance eXchange 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 our website at <http://www.fema.gov/nfip>.

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Engineering Services 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:

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

**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 Mapping and Insurance eXchange 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 our website at <http://www.fema.gov/nfip>.

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## LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

### PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at

[https://www.floodmaps.fema.gov/fhm/bfe\\_status/bfe\\_main.asp](https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp)

#### LOCAL NEWSPAPER

Name: *The Grand Island Independent*

Dates: May 21, 2020 and May 28, 2020

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

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 Mapping and Insurance eXchange 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 our website at <http://www.fema.gov/nfip>.

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**Table 3 – Summary of Discharges**

<u>FLOODING SOURCE AND LOCATION</u>	<u>DRAINAGE AREA (SQUARE MILES)</u>	PEAK DISCHARGES (CFS)			
		10-Percent- Annual-Chance	2-Percent- Annual-Chance	1-Percent- Annual-Chance	0.2-Percent- Annual-Chance
<b>Moore's Creek</b>					
Downstream of the confluence to Moore's Creek Eastern Tributary	20.9	562	873	1,085	1,934
Downstream of W. Airport Road	19.9	346	589	778	1,599
Downstream of N. Webb Road	16.4	716	877	932	1,098
Approximately 300 feet upstream of U.S. Highway 2	15.6	670	875	917	1,222
At Capital Avenue	14.9	628	784	847	1,149
<b>Moore's Creek Eastern Tributary</b>					
Downstream of E. Airport Road	3.2	222	290	313	341
Downstream of U.S. Highway 2	2.8	378	482	539	831
Downstream of Capital Avenue	2.5	473	716	847	1,443
<b>Moore's Creek Western Tributary</b>					
Downstream of North Road	0.62	92	134	157	256
Downstream of Nevada Avenue	0.61	83	122	144	236
At Idaho Avenue	0.58	64	91	108	178
At Independence Avenue	0.52	36	50	62	103
<b>Platte River</b>					
At State Highway 2	62,800	17,000	32,000	39,000	54,000
<b>Prairie Creek</b>					
About 1.6 miles upstream of U.S. Highway 281	143	3,000	4,600	5,300	9,200
Just upstream of County Road Bridge No. 2	132	3,000	3,900	4,100	4,700
<b>Silver Creek</b>					
Approximately 360 feet downstream of N. North Road	77.3	80	221	478	1,085
Approximately 435 feet downstream of U.S. Highway 2	72.6	74	217	486	1,068
At N. 60 <sup>th</sup> Road	69.5	64	211	479	1,101
Approximately 8500 feet upstream of N. 70 <sup>th</sup> Road	64.4	47	195	440	915
<b>Wood River</b>					
At Shady Bend Road	704	1,400	2,350	2,750	3,700
At confluence with the North Channel Platte River	628	1,030	1,660	1,930	2,550
At USGS gage at Gibbon	572	2,000	3,750	4,550	6,550

REVISED DATA



REVISED DATA

cfs-Cubic Feet Per Second

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
Silver Creek								
A	5,216	54	146	3.3	1,848.6	1,848.6	1,848.8	0.2
B	7,743	77	150	3.2	1,852.0	1,852.0	1,852.0	0.0
C	9,952	107	248	1.9	1,853.6	1,853.6	1,853.6	0.0
D	13,434	49	180	2.7	1,857.7	1,857.7	1,858.0	0.3
E	15,872	59	185	2.6	1,859.2	1,859.2	1,859.3	0.1
F	16,994	56	178	2.7	1,860.2	1,860.2	1,860.3	0.1
G	17,807	29	108	4.4	1,860.9	1,860.9	1,861.0	0.2
H	21,567	133	350	1.4	1,865.4	1,865.4	1,865.6	0.2
I	23,680	126	308	1.6	1,866.0	1,866.0	1,866.2	0.2
J	27,185	95	273	1.8	1,867.5	1,867.5	1,868.2	0.7
K	30,105	99	223	2.2	1,870.0	1,870.0	1,870.2	0.2
L	33,662	72	205	2.4	1,872.9	1,872.9	1,873.0	0.1
M	35,818	46	163	2.9	1,874.5	1,874.5	1,874.7	0.2
N	37,399	29	131	3.7	1,876.2	1,876.2	1,876.4	0.2
O	39,319	29	140	3.4	1,877.5	1,877.5	1,878.0	0.5
P	42,005	51	254	1.9	1,879.4	1,879.4	1,880.1	0.7
Q	45,169	46	144	3.3	1,881.2	1,881.2	1,881.7	0.5
R	47,811	35	162	3.0	1,883.9	1,883.9	1,884.4	0.5
S	49,869	57	242	1.8	1,885.6	1,885.6	1,886.4	0.8
T	52,343	41	215	2.1	1,886.5	1,886.5	1,887.0	0.5
U	56,194	17	96	4.6	1,888.0	1,888.0	1,888.7	0.7
V	58,792	39	146	3.0	1,890.1	1,890.1	1,890.5	0.4
W	63,686	36	117	3.8	1,894.4	1,894.4	1,894.7	0.3

<sup>1</sup> Feet above St. Paul Road

REVISED REACH

**FLOODWAY DATA**

REVISED TO

REFLECT LOMR

**SILVER CREEK** EFFECTIVE: September 25, 2020

**TABLE 5**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**HALL COUNTY, NE  
AND INCORPORATED AREAS**



FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
Moore's Creek								
A*	0.02	2,481	5,992	1.07	1,846.6	1,846.6	1,847.3	0.7
B*	0.62	1,038	3,221	1.97	1,848.7	1,848.7	1,849.7	1.0
C*	1.30	1,087	3,273	1.96	1,852.2	1,852.2	1,853.2	1.0
D	1.66	1,107	2,869	0.38	1,853.7	1,853.7	1,854.4	0.7
E	2.07	1,009	2,066	0.37	1,856.3	1,856.3	1,856.3	0.0
F	2.93	73	312	2.98	1,858.3	1,858.3	1,858.3	0.0
G	3.40	52	225	3.95	1,860.4	1,860.4	1,860.4	0.0
H	3.89	79	345	2.54	1,863.6	1,863.6	1,863.6	0.0
I	4.23	89	449	2.04	1,866.1	1,866.1	1,866.1	0.0
J	4.53	99	482	1.76	1,866.5	1,866.5	1,866.6	0.1

↑  
REVISED REACH

<sup>1</sup> Miles above St. Paul Road

\*Only Special Flood Hazard Area changes from Cross Sections A to C, no changes to the floodway data table.

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

<b>TABLE 5</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>HALL COUNTY, NE AND INCORPORATED AREAS</b>	<b>MOORES CREEK</b>

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
Moores Creek Eastern Tributary								
A	1,508	72	272	1.2	1855.4	1855.4	1855.5	0.1
B	3,154	20	115	2.7	1855.7	1855.7	1855.9	0.2
C	5,443	155	393	0.8	1859.7	1859.7	1860.1	0.4
D	6,489	419	1,226	0.4	1859.7	1859.7	1860.1	0.4
E	8,179	646	2,152	0.4	1862.6	1862.6	1862.8	0.2
				↑ REVISED REACH				

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

<sup>1</sup> Feet above confluence with Moores Creek

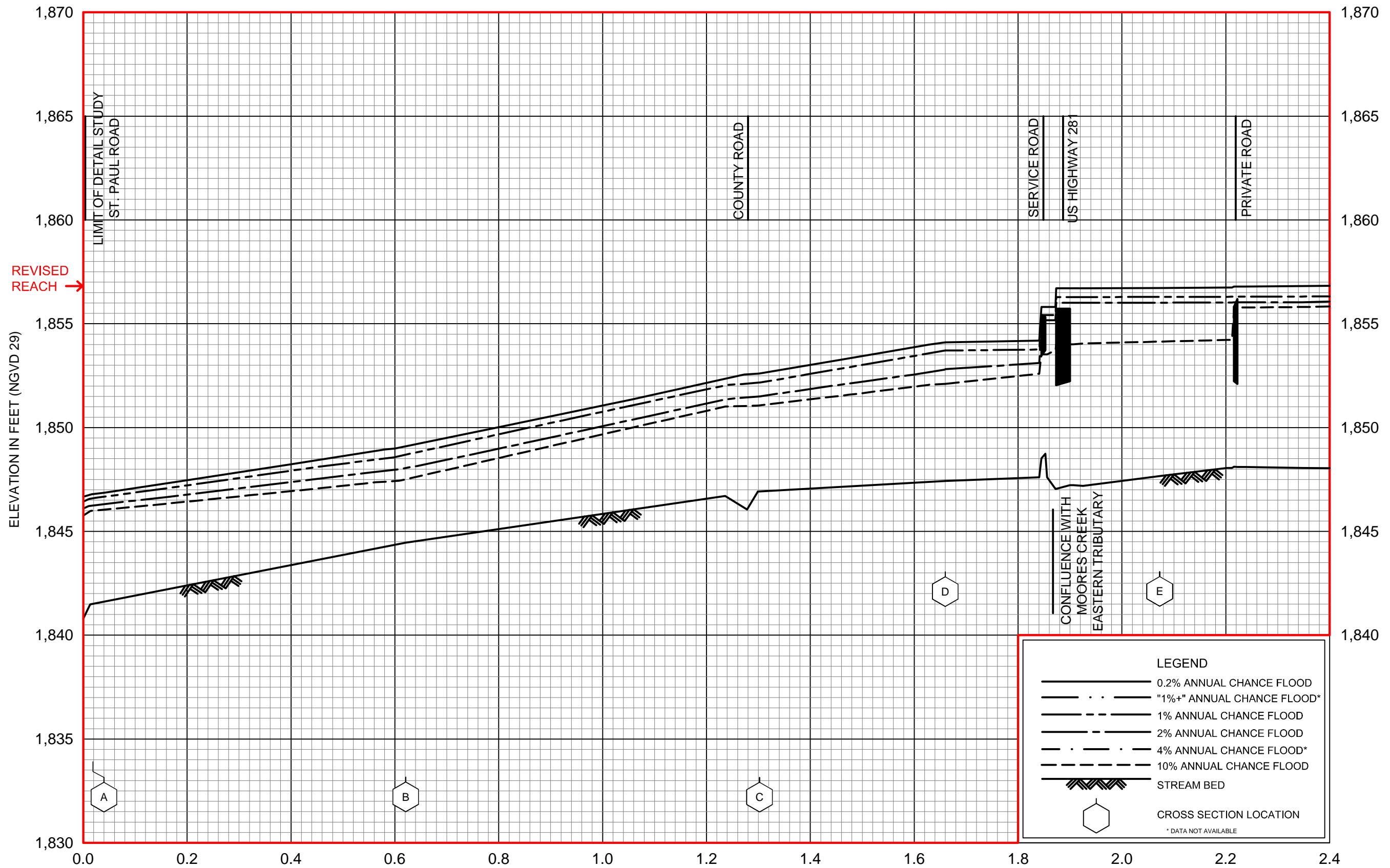
<b>TABLE 5</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>HALL COUNTY, NE</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>MOORES CREEK EASTERN TRIBUTARY</b>

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
Moores Creek Western Tributary								
A	628	12	67	2.4	1,866.3	1,866.3	1,866.4	0.1
B	3,088	39	138	1.0	1,869.0	1,869.0	1,869.0	0.0
C	3,436	41	234	0.5	1,871.3	1,871.3	1,871.3	0.0
D	4,247	28	165	0.7	1,872.0	1,872.0	1,872.3	0.3
E	4,993	24	134	0.5	1,872.4	1,872.4	1,872.6	0.2
F	6,597	17	29	0.7	1,873.3	1,873.3	1,873.7	0.4
				↑ REVISED REACH				

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

<sup>1</sup> Feet above confluence with Moores Creek

<b>TABLE 5</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>HALL COUNTY, NE AND INCORPORATED AREAS</b>	<b>MOORES CREEK WESTERN TRIBUTARY</b>



NOTE: THERE IS NO WATER SURFACE ELEVATION CHANGES BETWEEN CROSS SECTIONS A THRU D

REVISED DATA → STREAM DISTANCE IN MILES ABOVE ST. PAUL ROAD

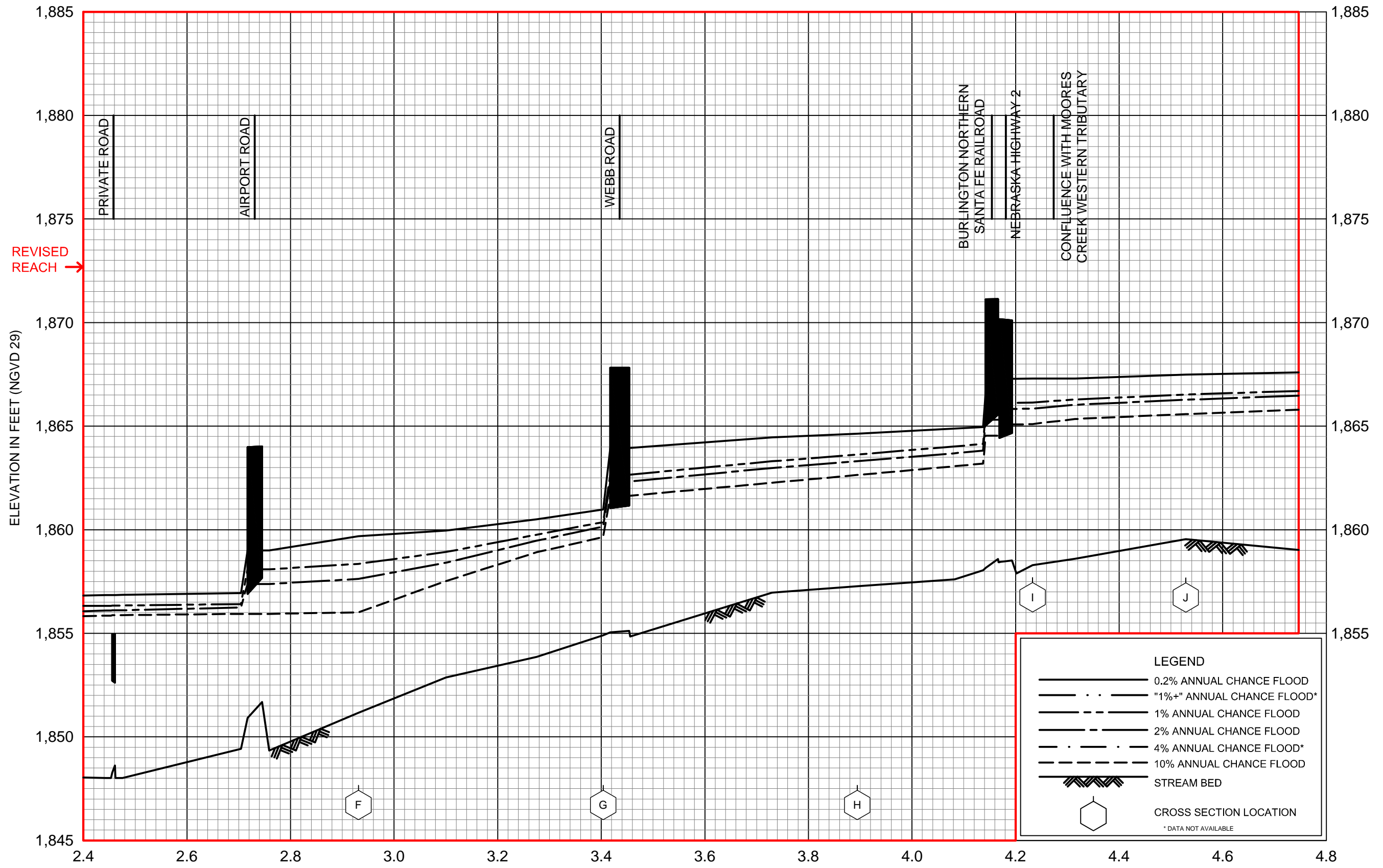
REVISED TO REFLECT LOMR EFFECTIVE: September 25, 2020

FLOOD PROFILES

MOORES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HALL COUNTY, NE AND INCORPORATED AREAS



REVISED REACH →

REVISED DATA → STREAM DISTANCE IN MILES ABOVE ST. PAUL ROAD

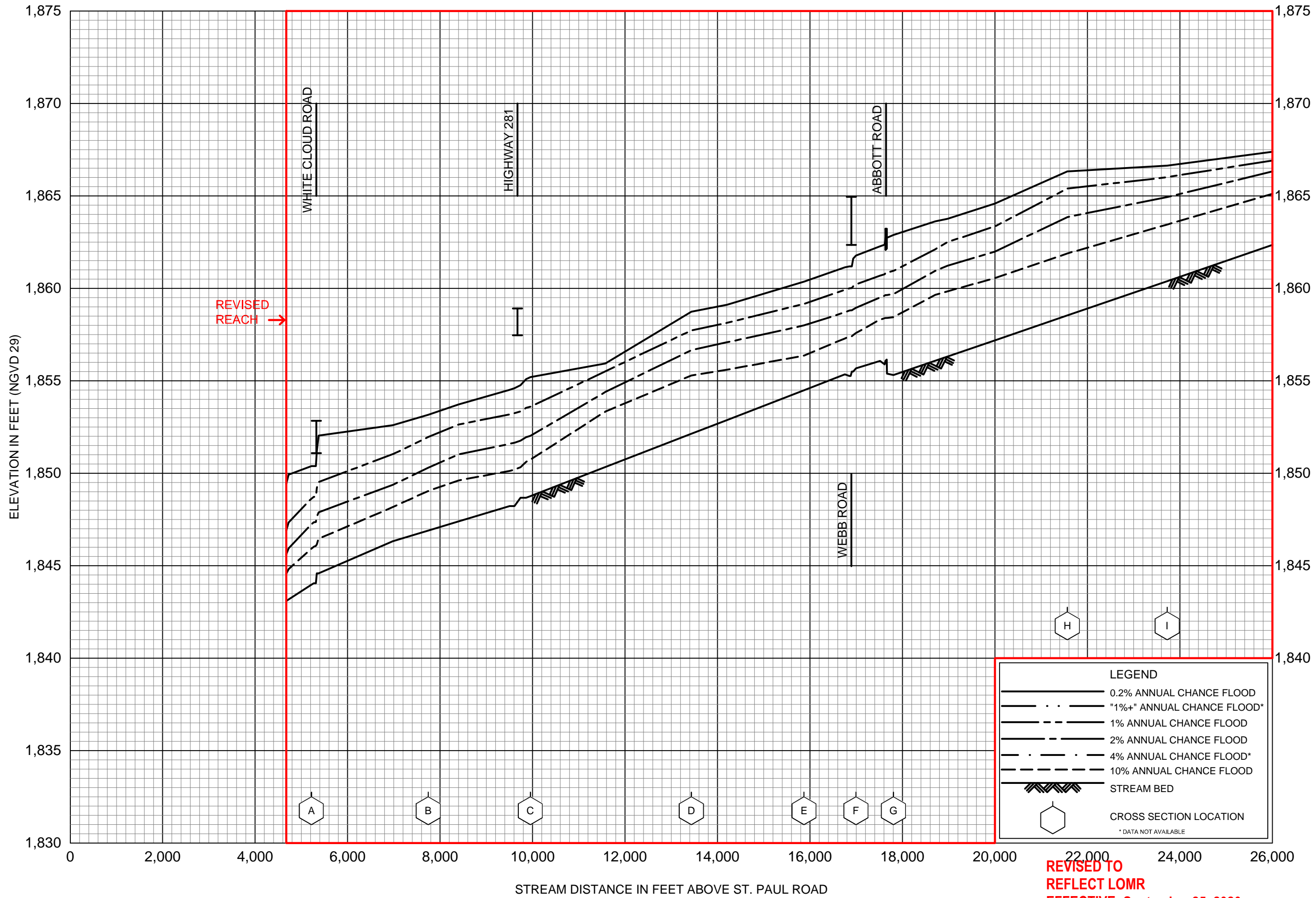
REVISED TO REFLECT LOMR EFFECTIVE: September 25, 2020

FLOOD PROFILES

MOORES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

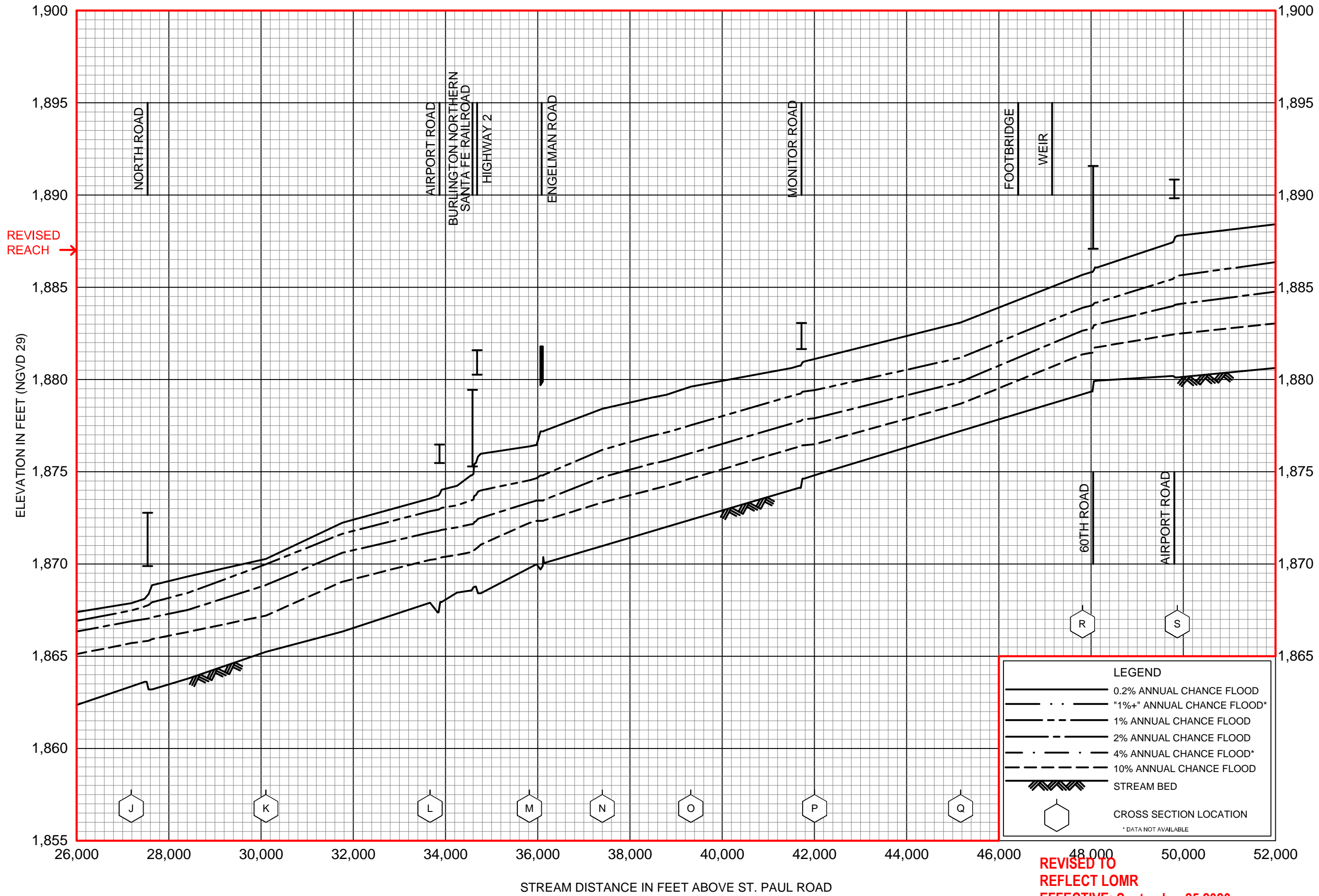
HALL COUNTY, NE AND INCORPORATED AREAS



**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

**FLOOD PROFILES  
SILVER CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**HALL COUNTY, NE**  
AND INCORPORATED AREAS

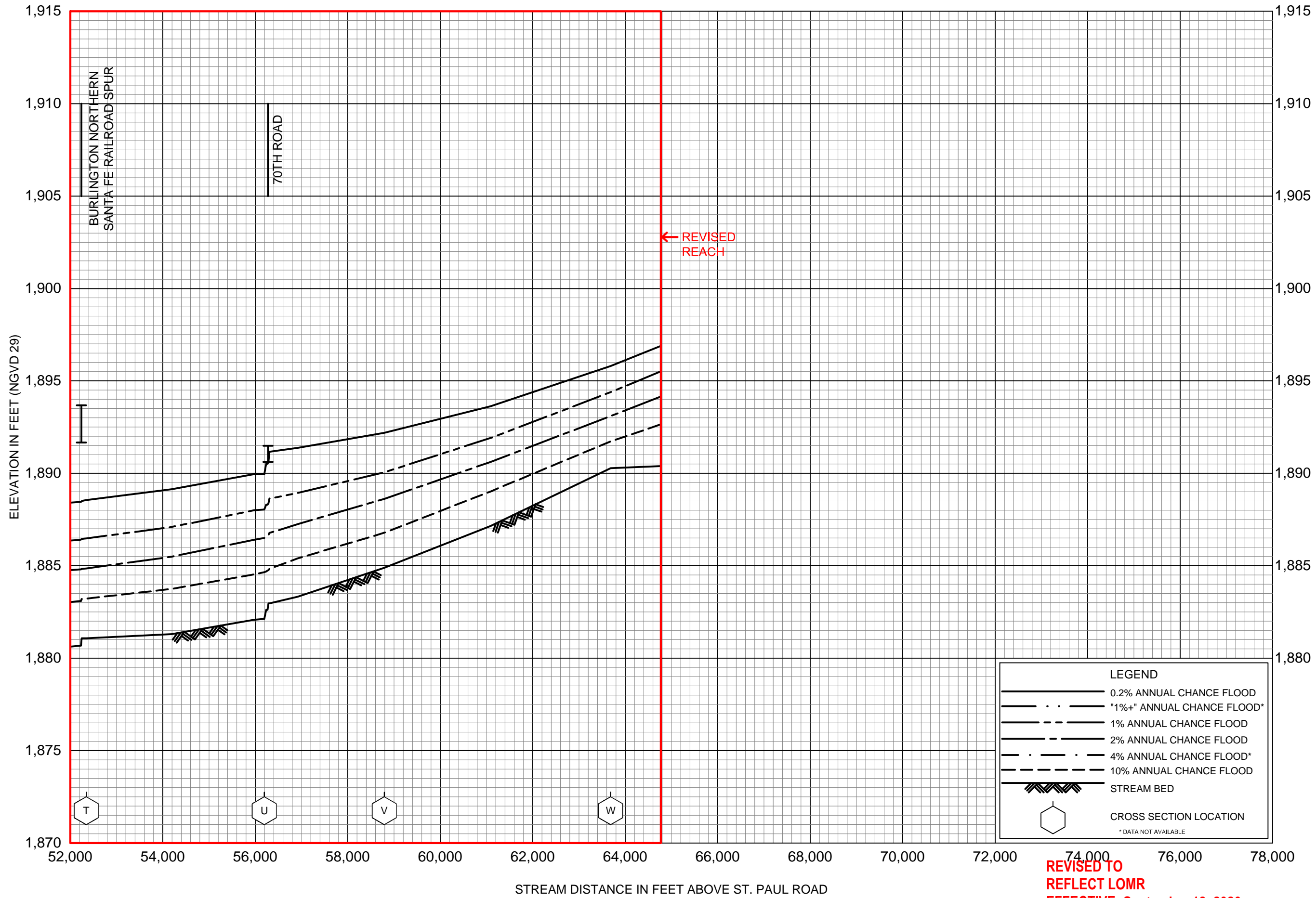


FLOOD PROFILES

SILVER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HALL COUNTY, NE  
AND INCORPORATED AREAS



**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 18, 2020**

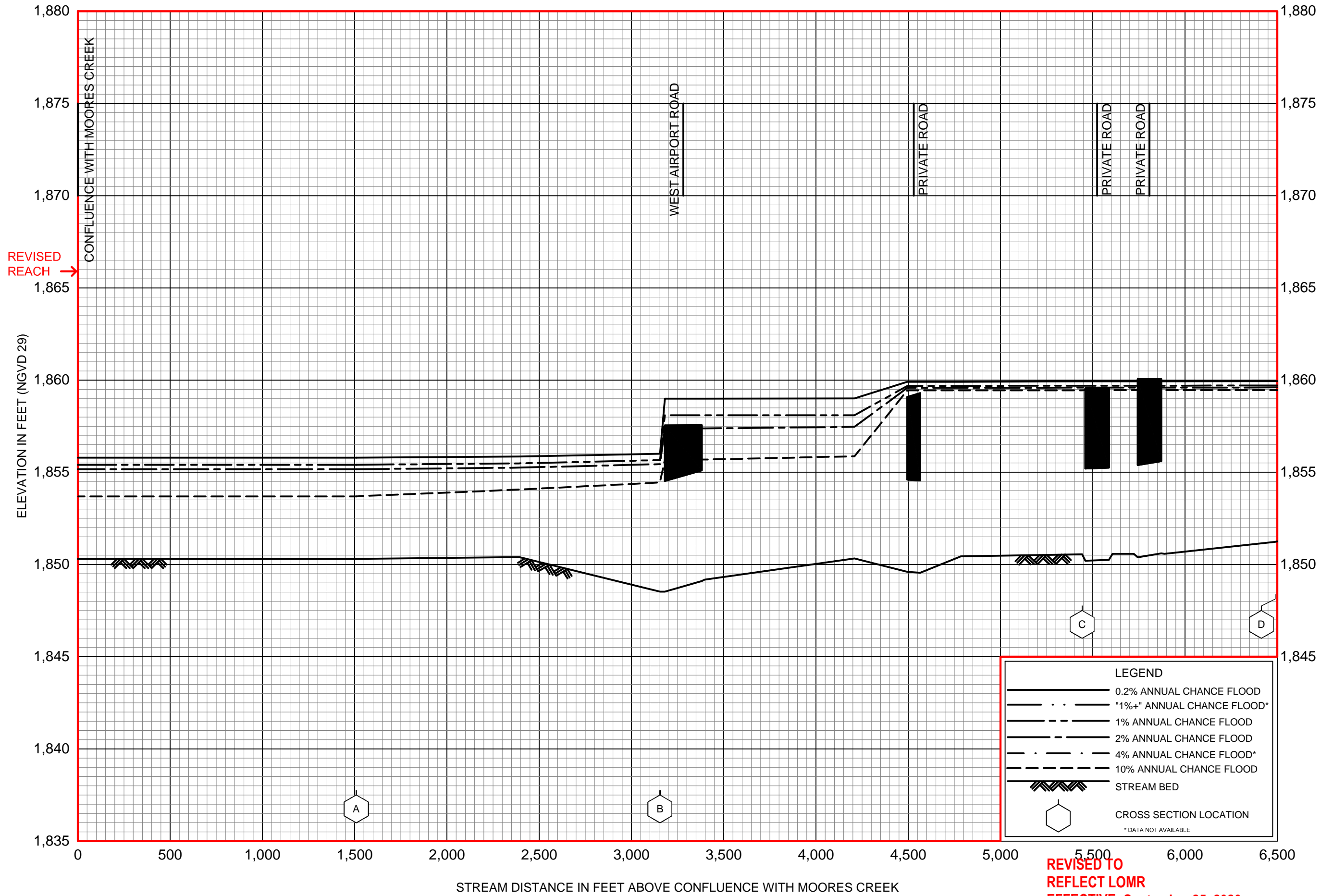
**FLOOD PROFILES**

**SILVER CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**HALL COUNTY, NE  
AND INCORPORATED AREAS**



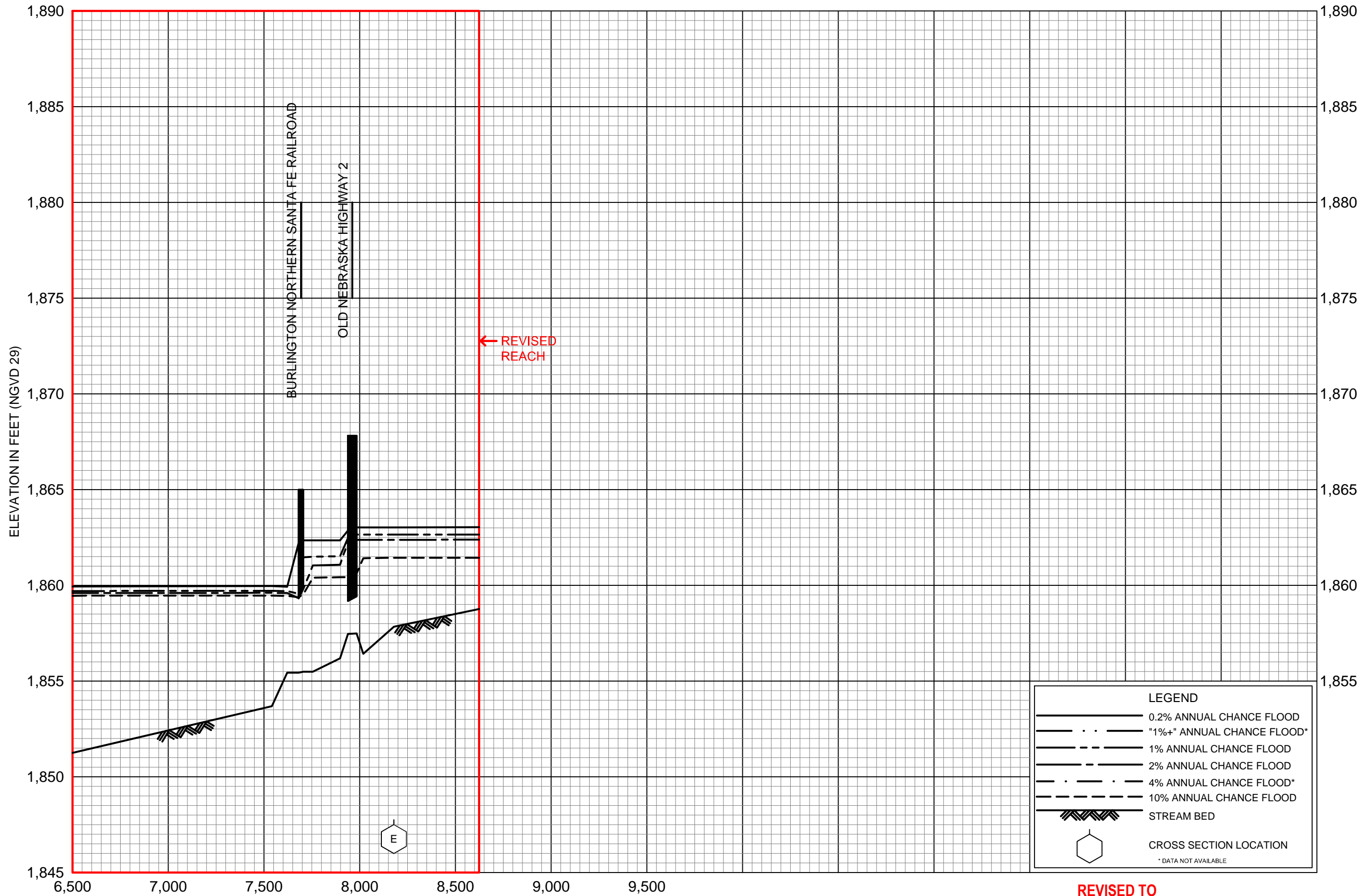


FLOOD PROFILES

MOORES CREEK EASTERN TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

HALL COUNTY, NE  
AND INCORPORATED AREAS



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH MOORES CREEK

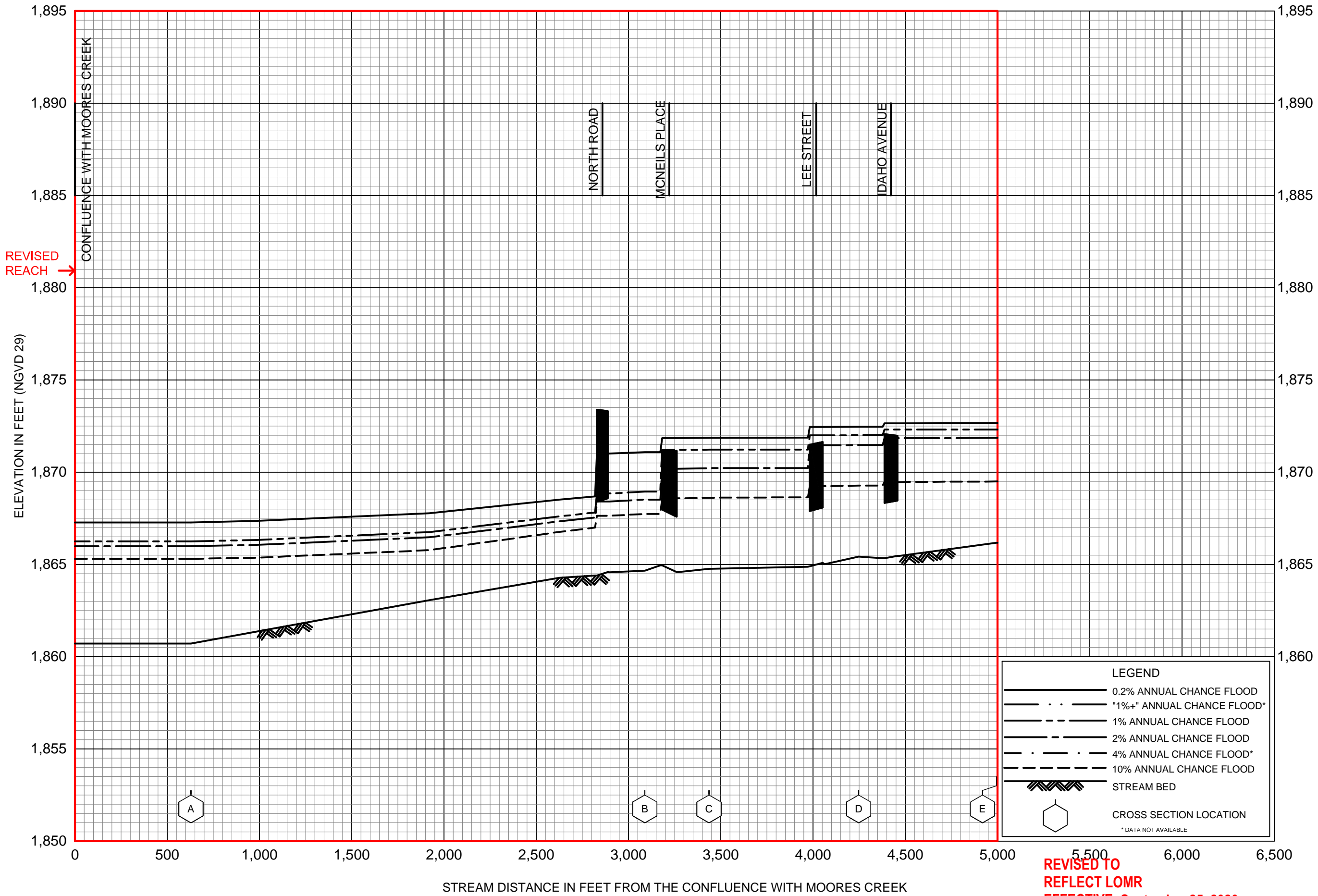
**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

**FLOOD PROFILES**

**MOORES CREEK EASTERN TRIBUTARY**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**HALL COUNTY, NE  
AND INCORPORATED AREAS**



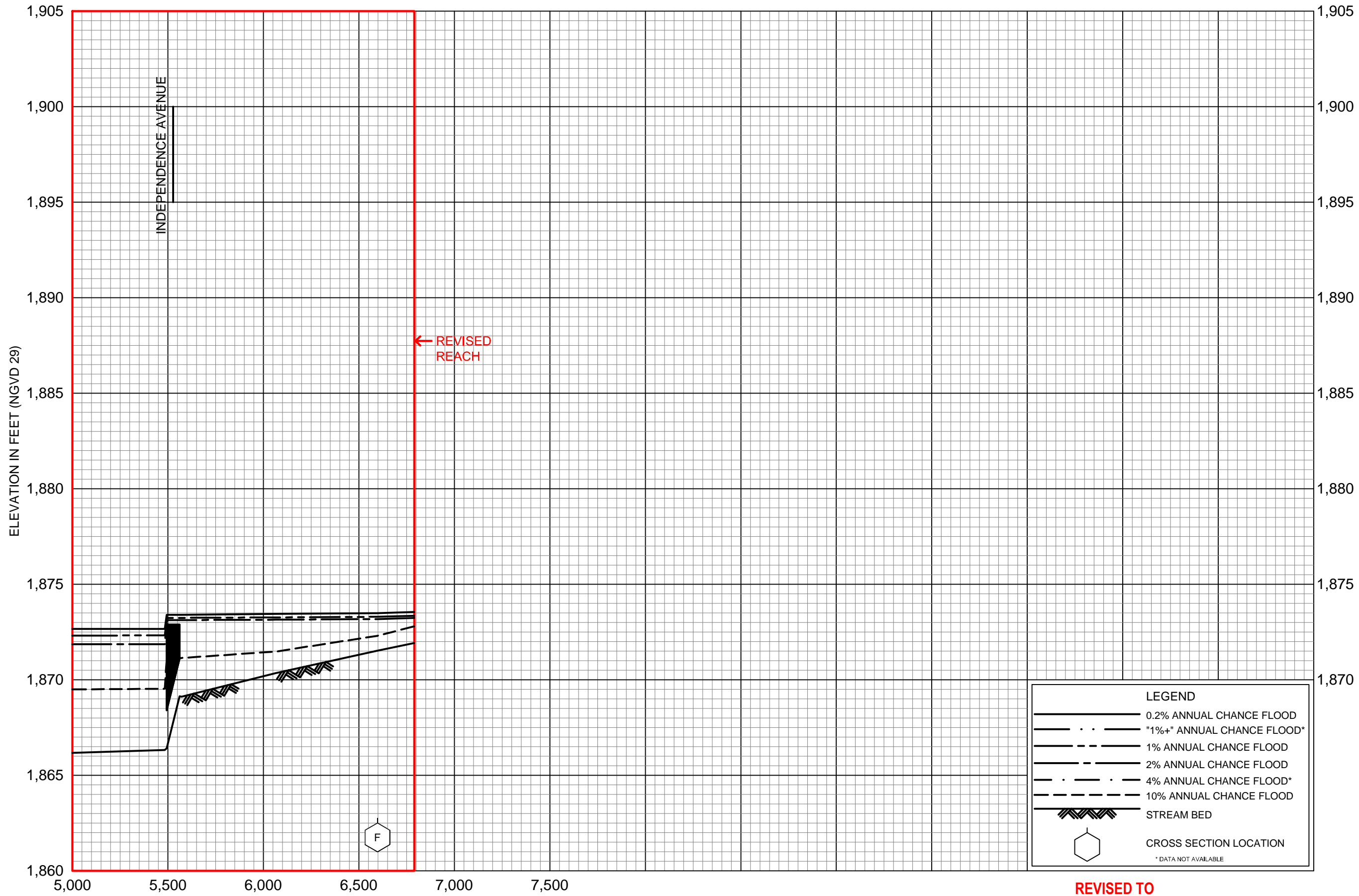
**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

**FLOOD PROFILES**

**MOORES CREEK WESTERN TRIBUTARY**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**HALL COUNTY, NE  
AND INCORPORATED AREAS**



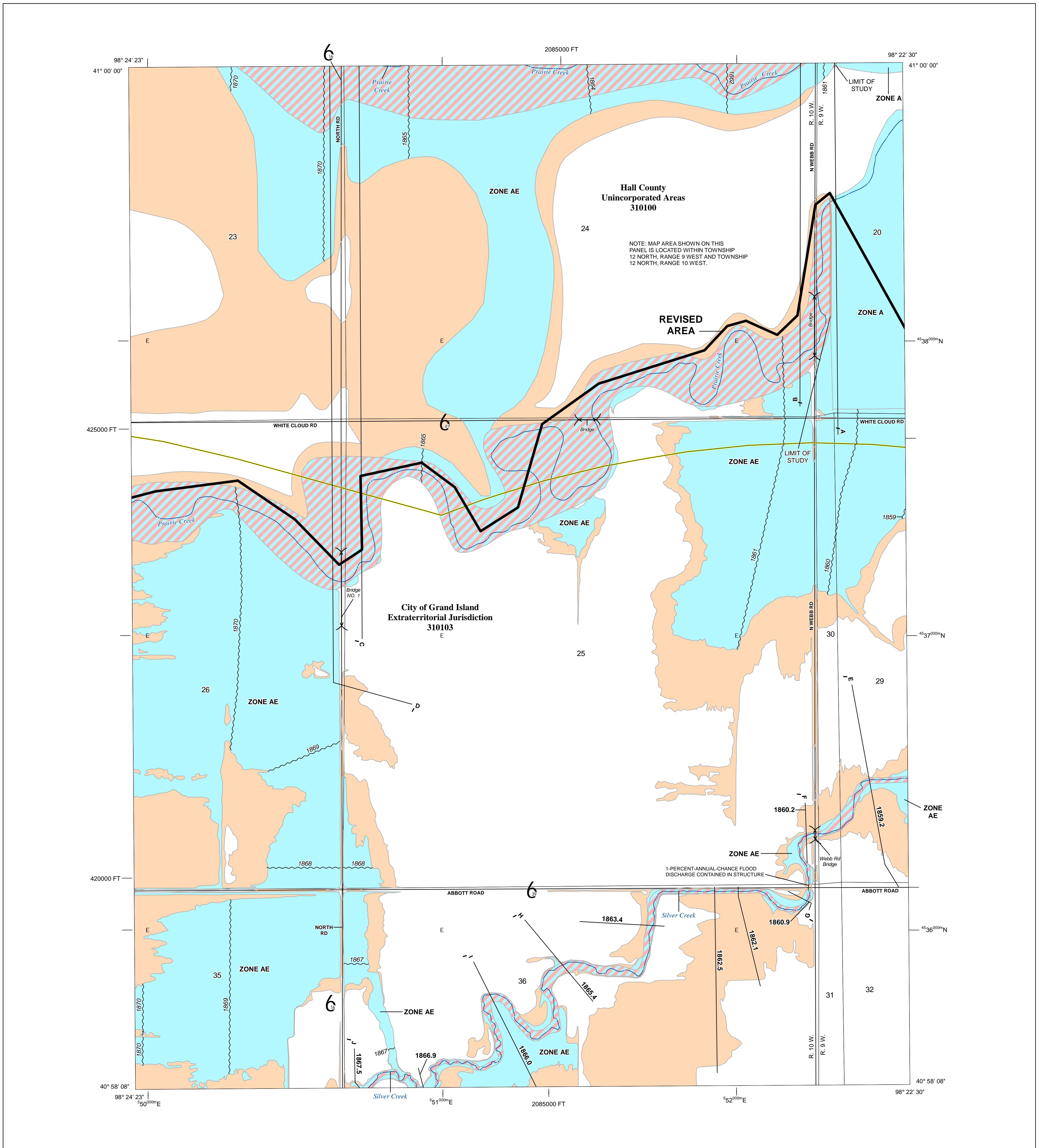
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- · "1%+" ANNUAL CHANCE FLOOD\*
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · - · 4% ANNUAL CHANCE FLOOD\*
- · - - 10% ANNUAL CHANCE FLOOD
- ▲▲▲▲▲ STREAM BED
- ⬡ CROSS SECTION LOCATION
- \* DATA NOT AVAILABLE

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: September 25, 2020**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**HALL COUNTY, NE**  
 AND INCORPORATED AREAS

FLOOD PROFILES



**FLOOD HAZARD INFORMATION**

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP  
 THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING  
 DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT  
[HTTP://MSC.FEMA.GOV](http://msc.fema.gov)

<b>SPECIAL FLOOD HAZARD AREAS</b>		Without Base Flood Elevation (BFE) <i>Zone A1, V, A99</i> With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
<b>OTHER AREAS OF FLOOD HAZARD</b>		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee See Notes. <i>Zone X</i>
<b>OTHER AREAS</b>		Areas Determined to be Outside the 0.2% Annual Chance Floodplain <i>Zone X</i>
		Area of Undetermined Flood Hazard <i>Zone D</i>
<b>GENERAL STRUCTURES</b>		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
<b>OTHER FEATURES</b>		Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
		Coastal Transect
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

**NOTES TO USERS**

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at <https://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

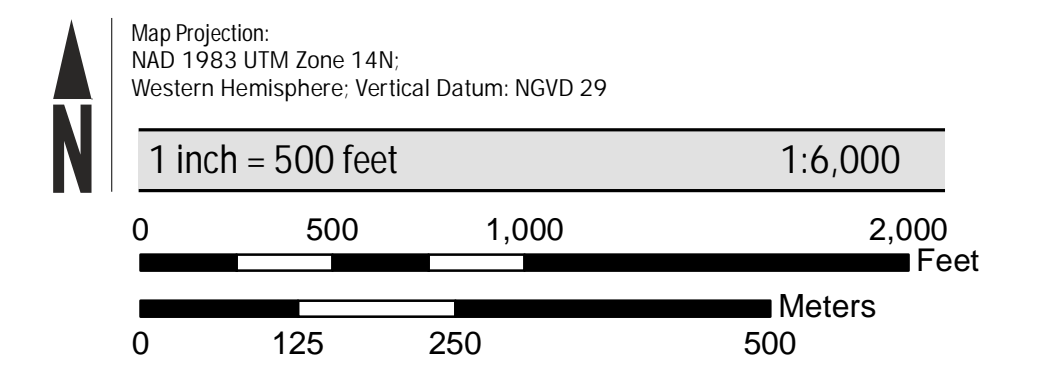
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For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

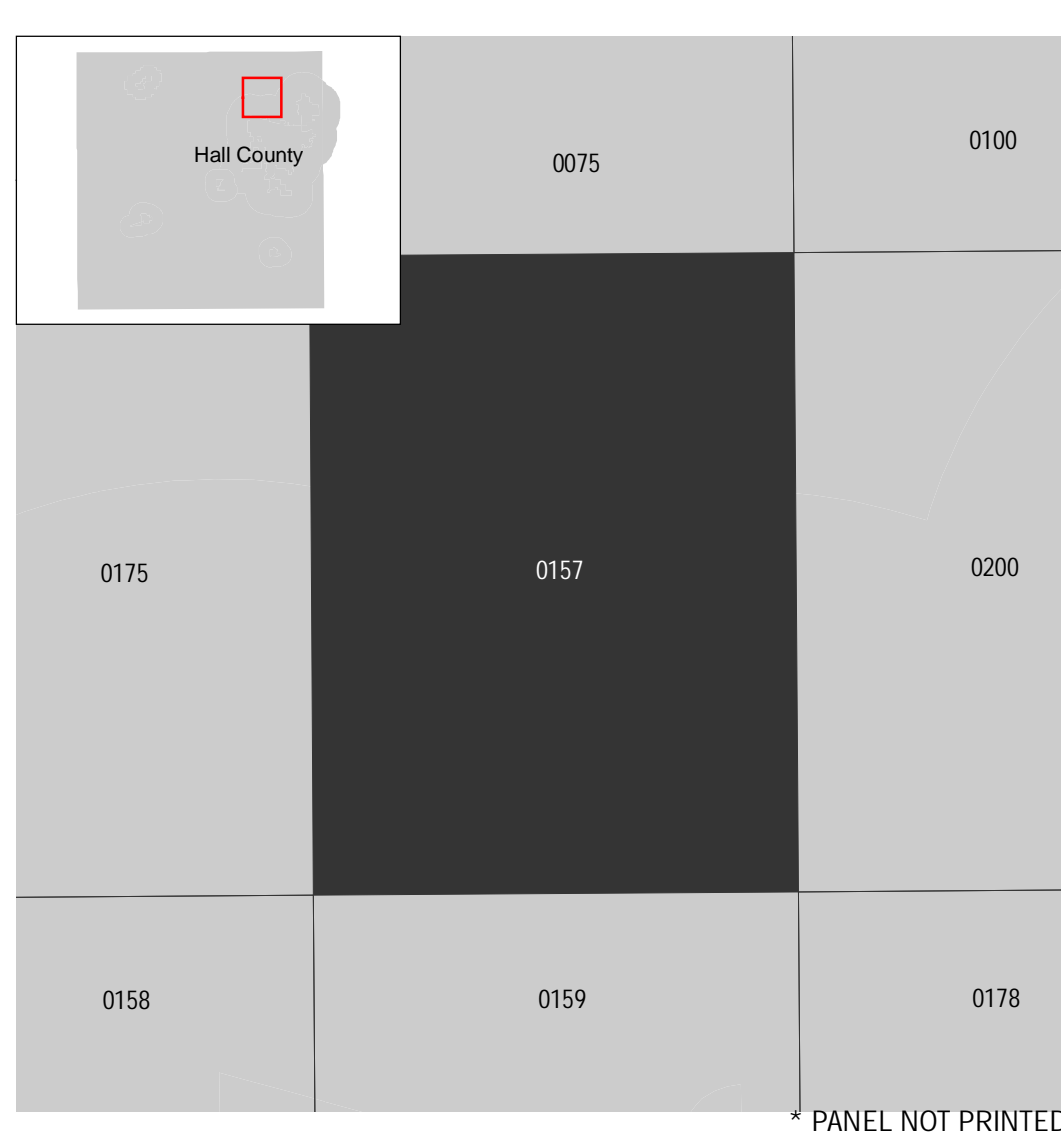
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was derived from multiple sources. Base map files were provided in digital format by Hall County, Nebraska. Water features were collected by Hall County, Nebraska. Additional information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography dated November 16, 2001.

**SCALE**



**PANEL LOCATOR**



**National Flood Insurance Program**

**NATIONAL FLOOD INSURANCE PROGRAM**  
 FLOOD INSURANCE RATE MAP

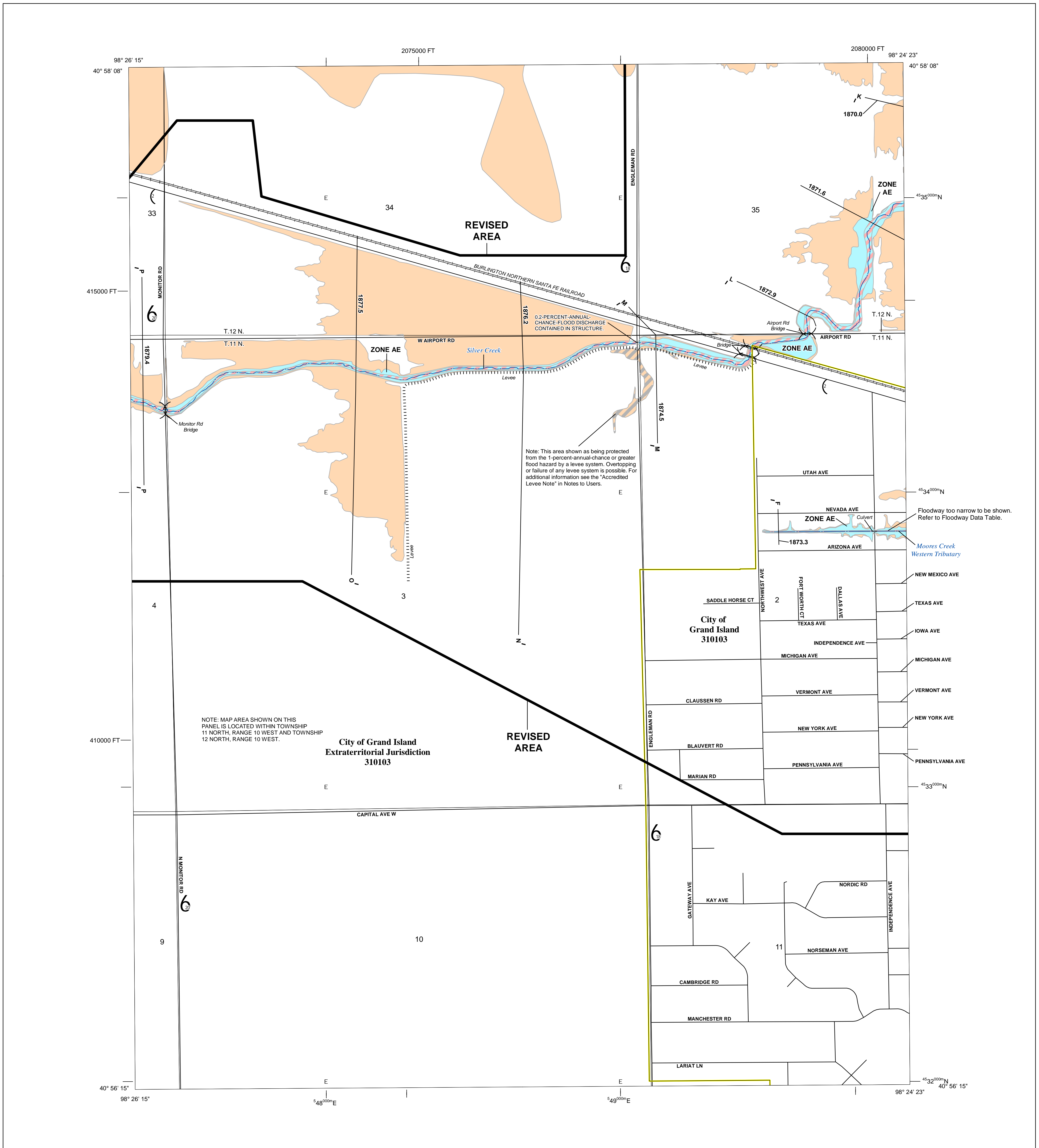
HALL COUNTY, NEBRASKA  
 and Incorporated Areas

PANEL 157 of 400

COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0157	D
HALL COUNTY	310100	0157	D

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: September 25, 2020**

VERSION NUMBER: 2.1.3.0  
 MAP NUMBER: 31079C0157D  
 EFFECTIVE DATE: SEPTEMBER 26, 2008



**FLOOD HAZARD INFORMATION**

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP  
**THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://MSC.FEMA.GOV](http://msc.fema.gov)**

<b>SPECIAL FLOOD HAZARD AREAS</b>	Without Base Flood Elevation (BFE) Zone AE, AH, AR
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
<b>OTHER AREAS OF FLOOD HAZARD</b>	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
<b>OTHER AREAS</b>	Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
	Area of Undetermined Flood Hazard Zone D
<b>GENERAL STRUCTURES</b>	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
<b>OTHER FEATURES</b>	Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
	Coastal Transect
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary

**NOTES TO USERS**

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Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

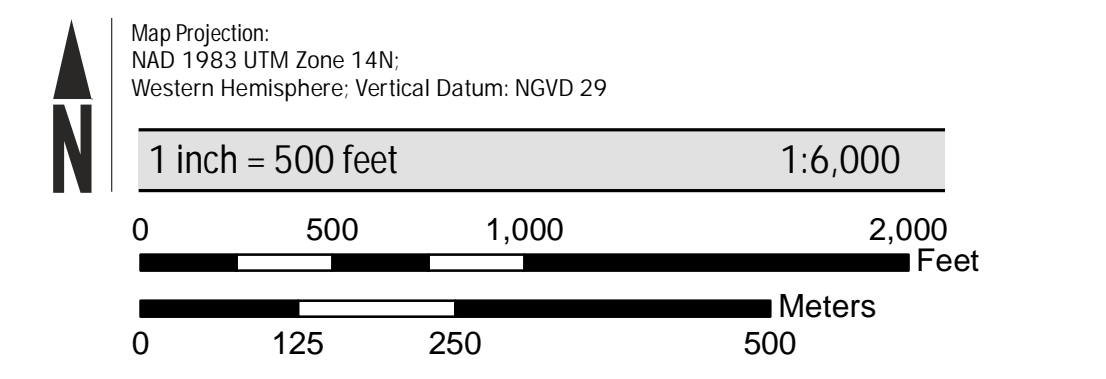
For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

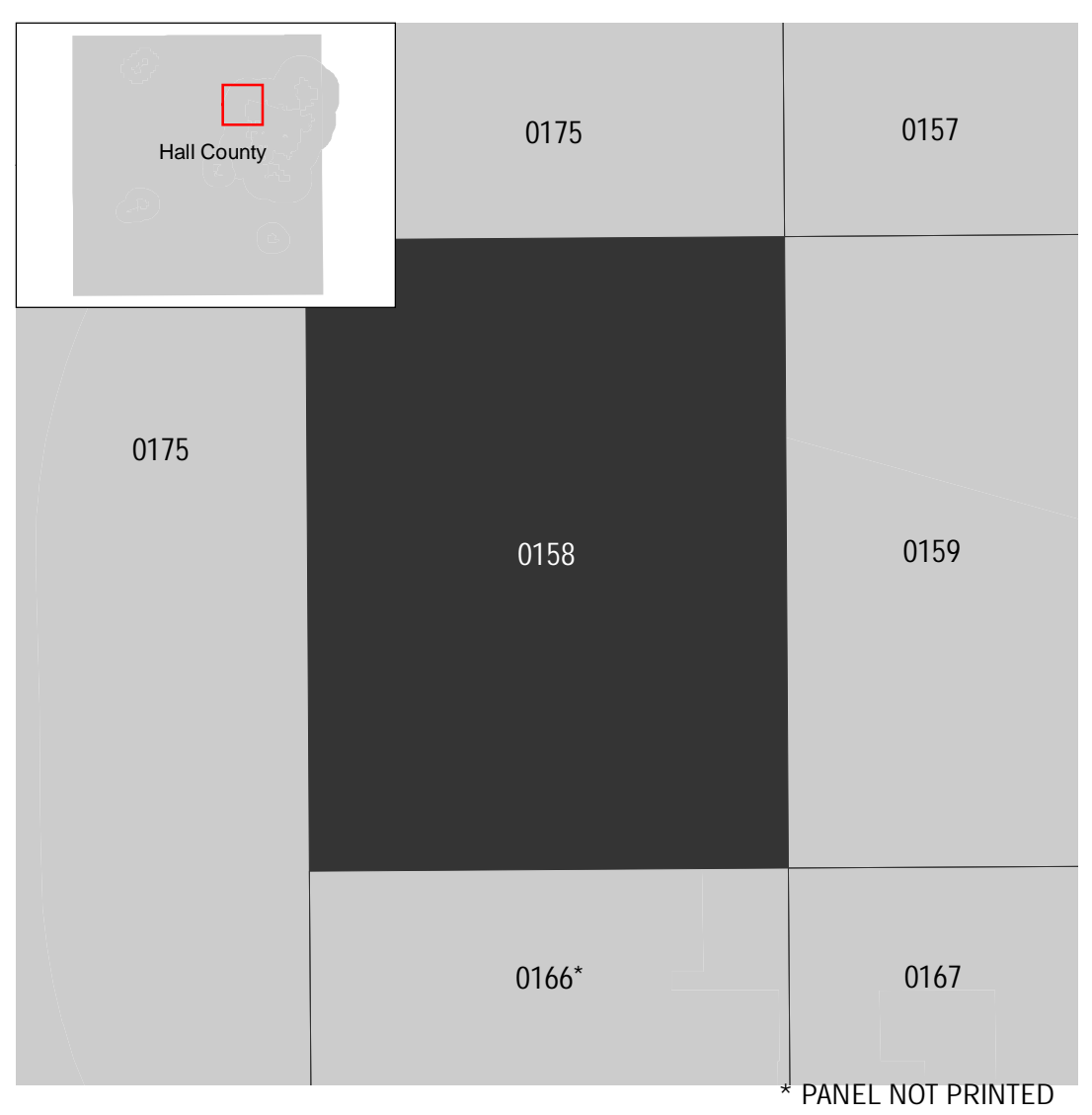
Base map information shown on this FIRM was derived from multiple sources. Base map files were provided in digital format by Hall County, Nebraska. Additional information was photographically compiled at a scale of 1:24,000 from aerial photography dated November 16, 2001.

**ACCREDITED LEVEE:** Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit: [www.fema.gov/national-flood-insurance-program](http://www.fema.gov/national-flood-insurance-program).

**SCALE**



**PANEL LOCATOR**



**FEMA**  
 National Flood Insurance Program

**NATIONAL FLOOD INSURANCE PROGRAM**  
 FLOOD INSURANCE RATE MAP

HALL COUNTY, NEBRASKA  
 and Incorporated Areas

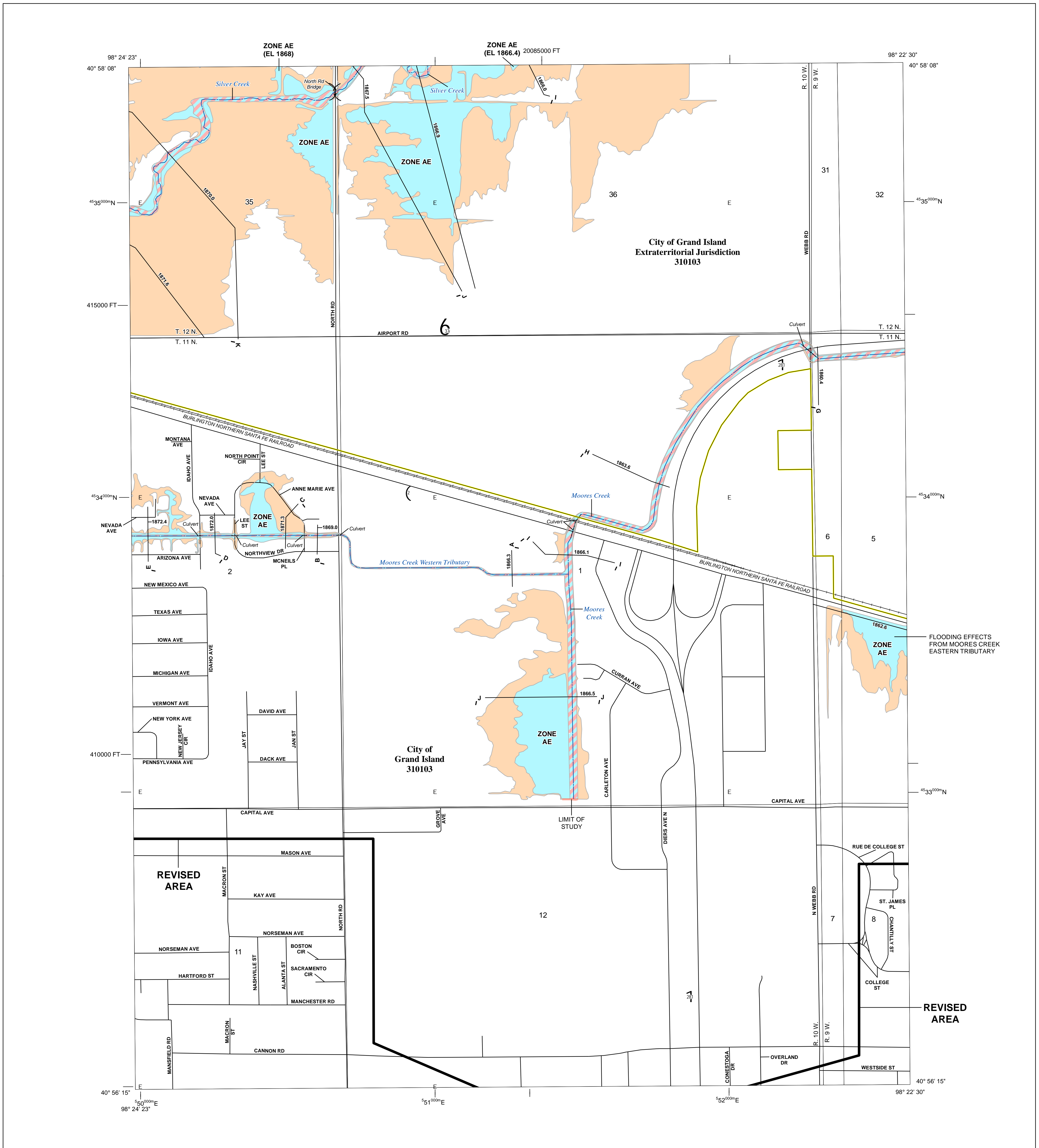
PANEL 158 OF 400

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0158	D

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: September 25, 2020**

VERSION NUMBER: 2.1.3.0  
 MAP NUMBER: 31079C0158D  
 EFFECTIVE DATE: SEPTEMBER 26, 2008



**FLOOD HAZARD INFORMATION**

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP  
**THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://MSC.FEMA.GOV](http://msc.fema.gov)**

	Without Base Flood Elevation (BFE) <i>Zone A1, A99</i>
	With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
	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 <i>Zone X</i>
	Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
	Area with Reduced Flood Risk due to Levee See Notes. <i>Zone X</i>
	Areas Determined to be Outside the 0.2% Annual Chance Floodplain <i>Zone X</i>
	Area of Undetermined Flood Hazard <i>Zone D</i>
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
	Coastal Transect
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary

**NOTES TO USERS**

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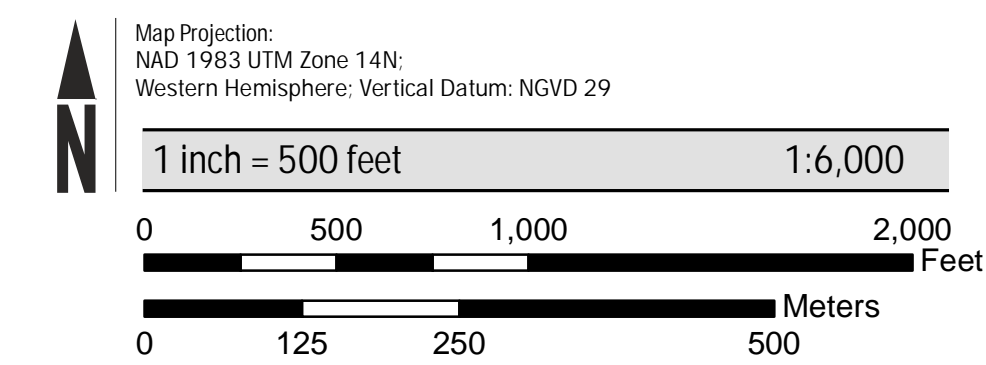
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For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

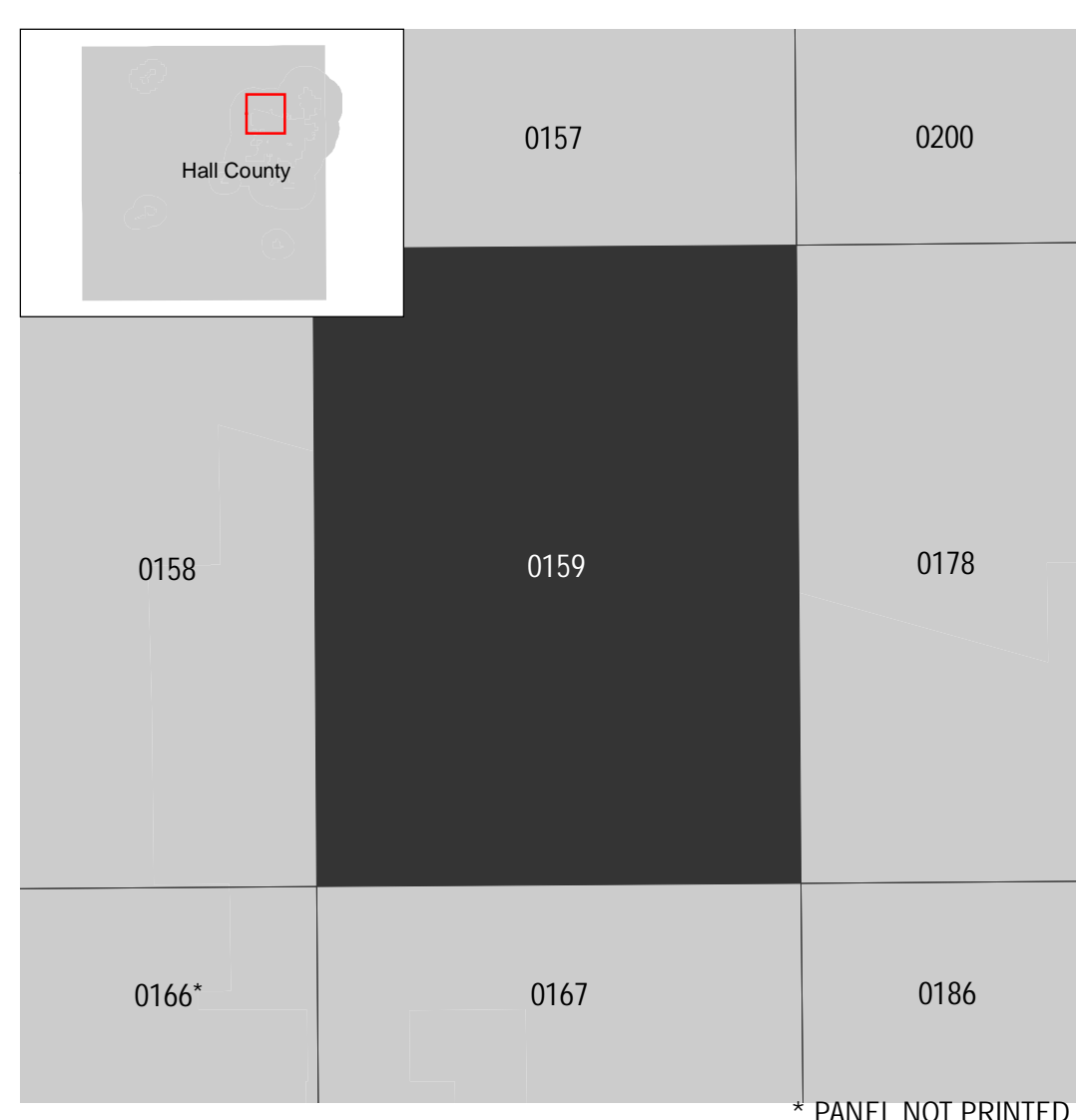
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was derived from multiple sources. Base map files were provided in digital format by Hall County, Nebraska. Water features were collected by Hall County, Nebraska. Additional information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography dated November 16, 2001.

**SCALE**



**PANEL LOCATOR**



**National Flood Insurance Program**

**NATIONAL FLOOD INSURANCE PROGRAM**  
 FLOOD INSURANCE RATE MAP

HALL COUNTY, NEBRASKA  
 and Incorporated Areas

PANEL 159 OF 400

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0159	D
GRAND ISLAND ETJ, CITY OF	310103	0159	D

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: September 25, 2020**

FEMA

VERSION NUMBER  
2.1.3.0

MAP NUMBER  
31079C0159D

EFFECTIVE DATE  
SEPTEMBER 26, 2008

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 11 NORTH, RANGE 9 WEST AND TOWNSHIP 11 NORTH, RANGE 10 WEST.

2085000 FT

JOINS PANEL 0159

CONESTOGA DR

SAGEWOOD AVE

ASPEN CIR

12

281  
2

City of Grand Island  
310103







REVISED  
AREA

DIERS AVE

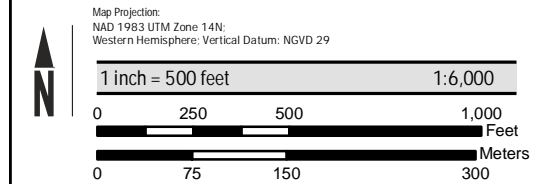
13TH ST

Hall County  
Unincorporated Areas  
310100

ALLEN DR

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
OTHER AREAS OF FLOOD HAZARD		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee See Notes. <i>Zone X</i>

SCALE



**FEMA**  
National Flood Insurance Program

**NATIONAL FLOOD INSURANCE PROGRAM**  
FLOOD INSURANCE RATE MAP

HALL COUNTY, NEBRASKA  
and Incorporated Areas

PANEL 167 OF 400

Panel Contains:

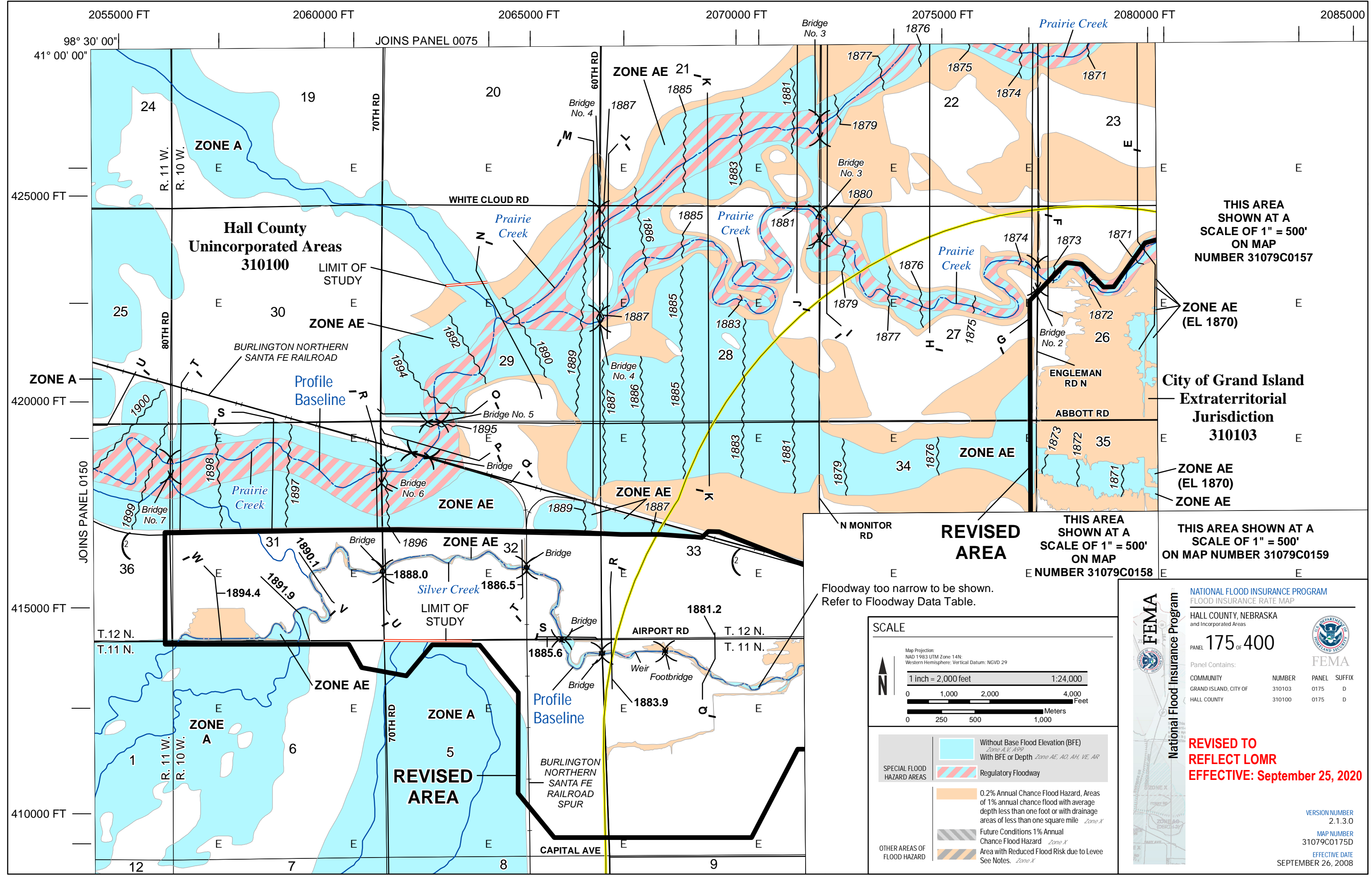
COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0167	D
HALL COUNTY	310100	0167	D

**REVISED TO REFLECT LOMR EFFECTIVE: September 25, 2020**

VERSION NUMBER 2.1.3.0  
MAP NUMBER 31079C0167D  
EFFECTIVE DATE SEPTEMBER 26, 2008







THIS AREA SHOWN AT A SCALE OF 1" = 500' ON MAP NUMBER 31079C0157

ZONE AE (EL 1870)

City of Grand Island Extraterritorial Jurisdiction 310103

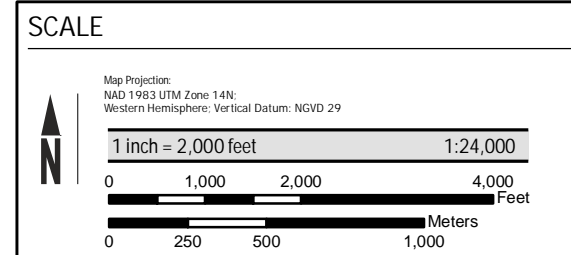
ZONE AE (EL 1870)  
ZONE AE

**REVISED AREA**

THIS AREA SHOWN AT A SCALE OF 1" = 500' ON MAP NUMBER 31079C0158

THIS AREA SHOWN AT A SCALE OF 1" = 500' ON MAP NUMBER 31079C0159

Floodway too narrow to be shown. Refer to Floodway Data Table.



- SPECIAL FLOOD HAZARD AREAS**
- Without Base Flood Elevation (BFE) Zone A, V, AS9
  - With BFE or Depth Zone AE, AO, AH, VE, AR
  - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
- 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

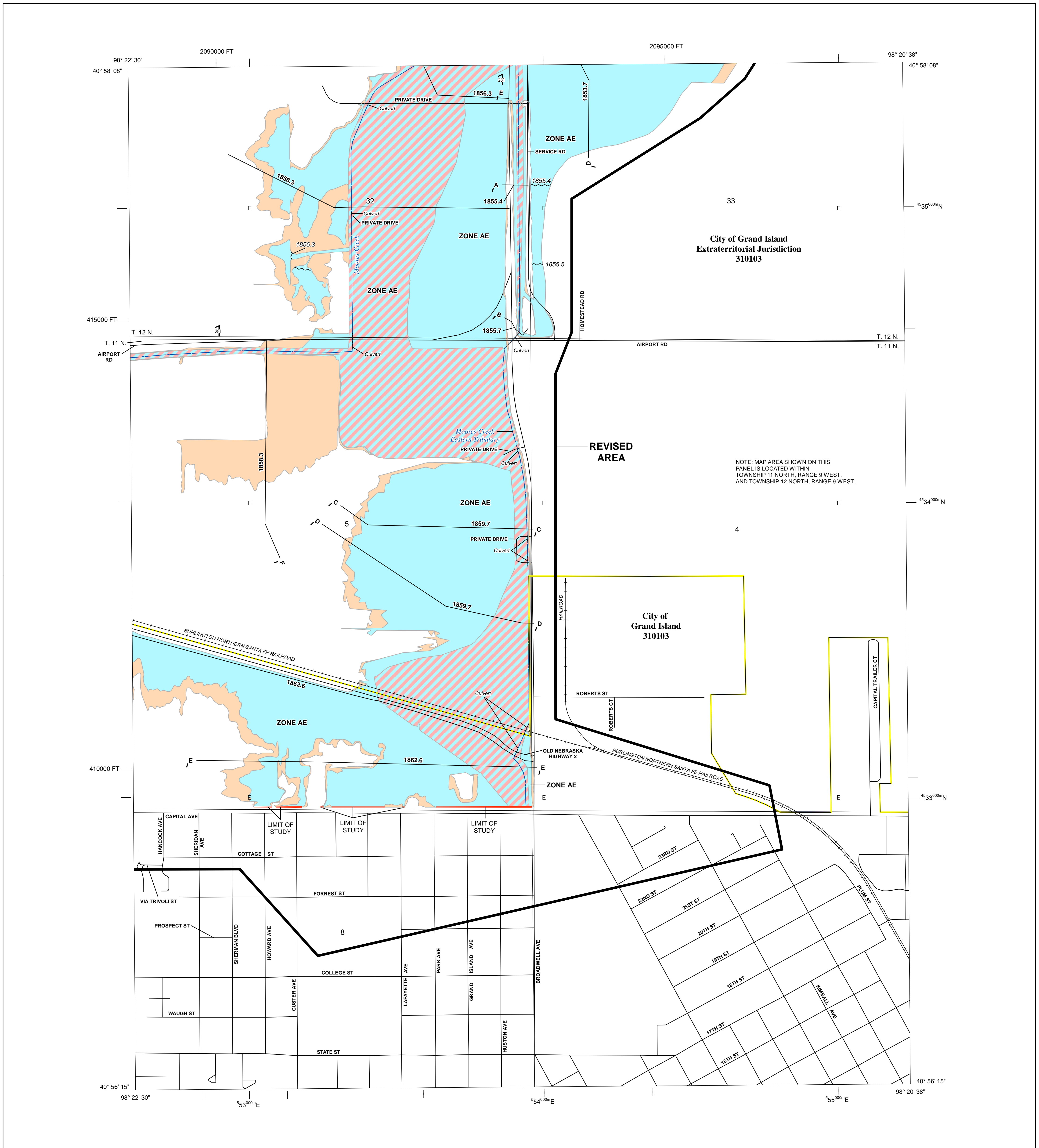
**FEMA National Flood Insurance Program**

NATIONAL FLOOD INSURANCE PROGRAM  
FLOOD INSURANCE RATE MAP  
HALL COUNTY, NEBRASKA and Incorporated Areas  
PANEL 175 OF 400

COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0175	D
HALL COUNTY	310100	0175	D

**REVISED TO REFLECT LOMR EFFECTIVE: September 25, 2020**

VERSION NUMBER 2.1.3.0  
MAP NUMBER 31079C0175D  
EFFECTIVE DATE SEPTEMBER 26, 2008



**FLOOD HAZARD INFORMATION**

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		Regulatory Floodway
<b>OTHER AREAS OF FLOOD HAZARD</b>		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee See Notes. <i>Zone X</i>
<b>OTHER AREAS</b>		Areas Determined to be Outside the 0.2% Annual Chance Floodplain <i>Zone X</i>
		Area of Undetermined Flood Hazard <i>Zone D</i>
<b>GENERAL STRUCTURES</b>		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
<b>OTHER FEATURES</b>		Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

**NOTES TO USERS**

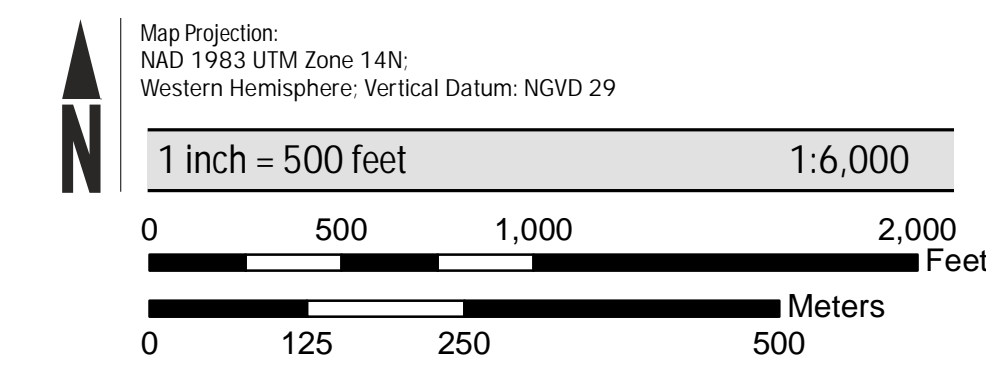
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**SCALE**



**PANEL LOCATOR**



**National Flood Insurance Program**

**NATIONAL FLOOD INSURANCE PROGRAM**  
 FLOOD INSURANCE RATE MAP

HALL COUNTY, NEBRASKA  
 and Incorporated Areas

PANEL 178 OF 400

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0178	D

REVISED TO REFLECT LOMR  
 EFFECTIVE: September 25, 2020

FEMA

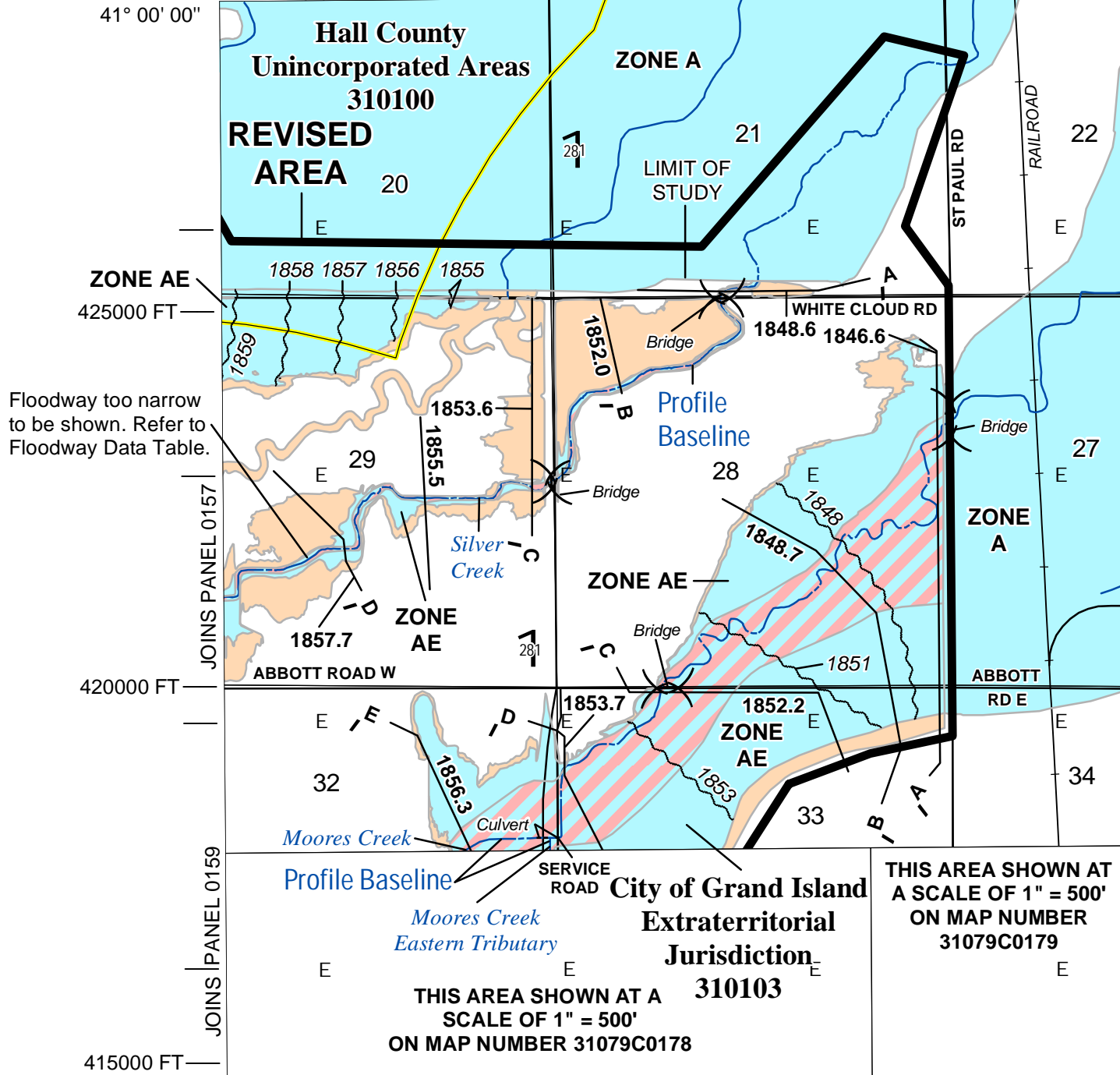
VERSION NUMBER  
2.1.3.0

MAP NUMBER  
31079C0178D

EFFECTIVE DATE  
SEPTEMBER 26, 2008

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 11 NORTH, RANGE 8 WEST AND TOWNSHIP 12 NORTH, RANGE 9 WEST.

2090000 FT      2095000 FT      2100000 FT      2105000 FT  
 98° 22' 30"      JOINS PANEL 0100



**SPECIAL FLOOD HAZARD AREAS**

**OTHER AREAS OF FLOOD HAZARD**

**SCALE**

Map Projection:  
 NAD 1983 UTM Zone 14N;  
 Western Hemisphere; Vertical Datum: NGVD 29

1 inch = 2,000 feet      1:24,000

0 1,000 2,000 4,000 Feet

0 250 500 1,000 Meters

**FEMA**  
**National Flood Insurance Program**

**NATIONAL FLOOD INSURANCE PROGRAM**  
**FLOOD INSURANCE RATE MAP**  
**HALL COUNTY, NEBRASKA**  
 and Incorporated Areas

**PANEL 200 OF 400**

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GRAND ISLAND, CITY OF	310103	0200	D
HALL COUNTY	310100	0200	D

**FEMA**  
 U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: September 25, 2020**

**VERSION NUMBER**  
 2.1.3.0

**MAP NUMBER**  
 31079C0200D

**EFFECTIVE DATE**  
 SEPTEMBER 26, 2008