

Follows Conditional Case No.: 19-08-0011R



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	<b>Weber County Utah (Unincorporated Areas)</b>	<b>BRIDGE FILL</b>	<b>1D HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS UPDATED TOPOGRAPHIC DATA BASEMAP CHANGES</b>
	<b>COMMUNITY NO.: 490187</b>		
IDENTIFIER	South Fork Ogden River - Sunshine Valley	<b>APPROXIMATE LATITUDE AND LONGITUDE: 41.250, -111.726</b> <b>SOURCE: Other      DATUM: NAD 83</b>	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*      NO.: 49057C0263F      DATE: June 2, 2015 TYPE: FIRM      NO.: 49057C0264F      DATE: June 2, 2015 TYPE: FIRM      NO.: 49057C0476F      DATE: June 2, 2015	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: June 02, 2015 PROFILES: 67P, 72P, AND 73P SUMMARY OF DISCHARGE TABLE: 2		

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map

### FLOODING SOURCES AND REVISED REACHES

See Page 2 for Additional Flooding Sources

South Fork Ogden River - from the divergence of South Fork Ogden River South Branch to approximately 90 feet upstream of the divergence of South Fork Ogden River South Branch

South Fork Ogden River North Branch - from approximately 2,570 feet downstream of 9500 East to the divergence of South Fork Ogden River South Branch

South Fork Ogden River South Branch - from approximately 490 feet downstream of 850 South Street to the divergence from South Fork Ogden River

### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
South Fork Ogden River	Zone AE	Zone AE	YES	YES
South Fork Ogden River North Branch	BFEs*	BFEs	NONE	YES
	Zone AE	Zone AE	YES	YES
South Fork Ogden River South Branch	BFEs	BFEs	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 (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 our website at <https://www.fema.gov/flood-insurance>.

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

21-08-1088P

102-I-A-C



**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) AND REVISED REACH(ES)**

South Fork Ogden River South Branch - From approximately 490 feet downstream of 850 South Street to the divergence from South Fork Ogden River

**SUMMARY OF REVISIONS**

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
South Fork Ogden River South Branch	Zone AE	Zone AE	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 (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 our website at <https://www.fema.gov/flood-insurance>.

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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.

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 revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

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 (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 our website at <https://www.fema.gov/flood-insurance>.

A handwritten signature in black ink, appearing to read "Rick F. Sacibit".

Patrick "Rick" F. Sacibit, P.E., Branch Chief  
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. Jeanine D. Petterson  
Director, Mitigation Division  
Federal Emergency Management Agency, Region VIII  
Denver Federal Center, Building 710  
P.O. Box 25267  
Denver, CO 80225-0267  
(303) 235-4830

### 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 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 our website at <https://www.fema.gov/flood-insurance>.

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Engineering Services Branch  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## 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 Standard-Examiner*

Dates: May 27, 2022 and June 3, 2022

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 (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 our website at <https://www.fema.gov/flood-insurance>.

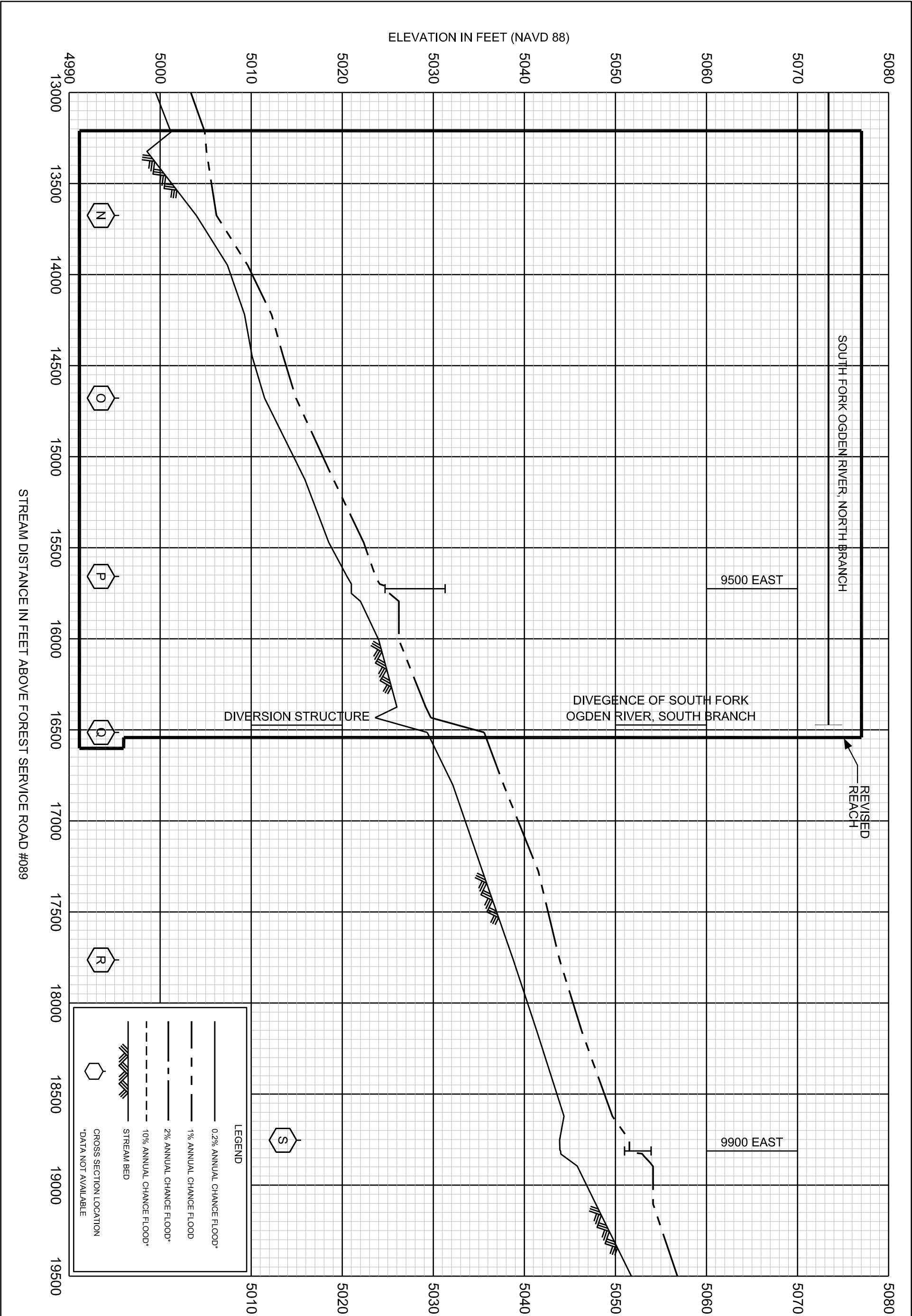
A handwritten signature in black ink, appearing to read "Rick F. Sacbibit".

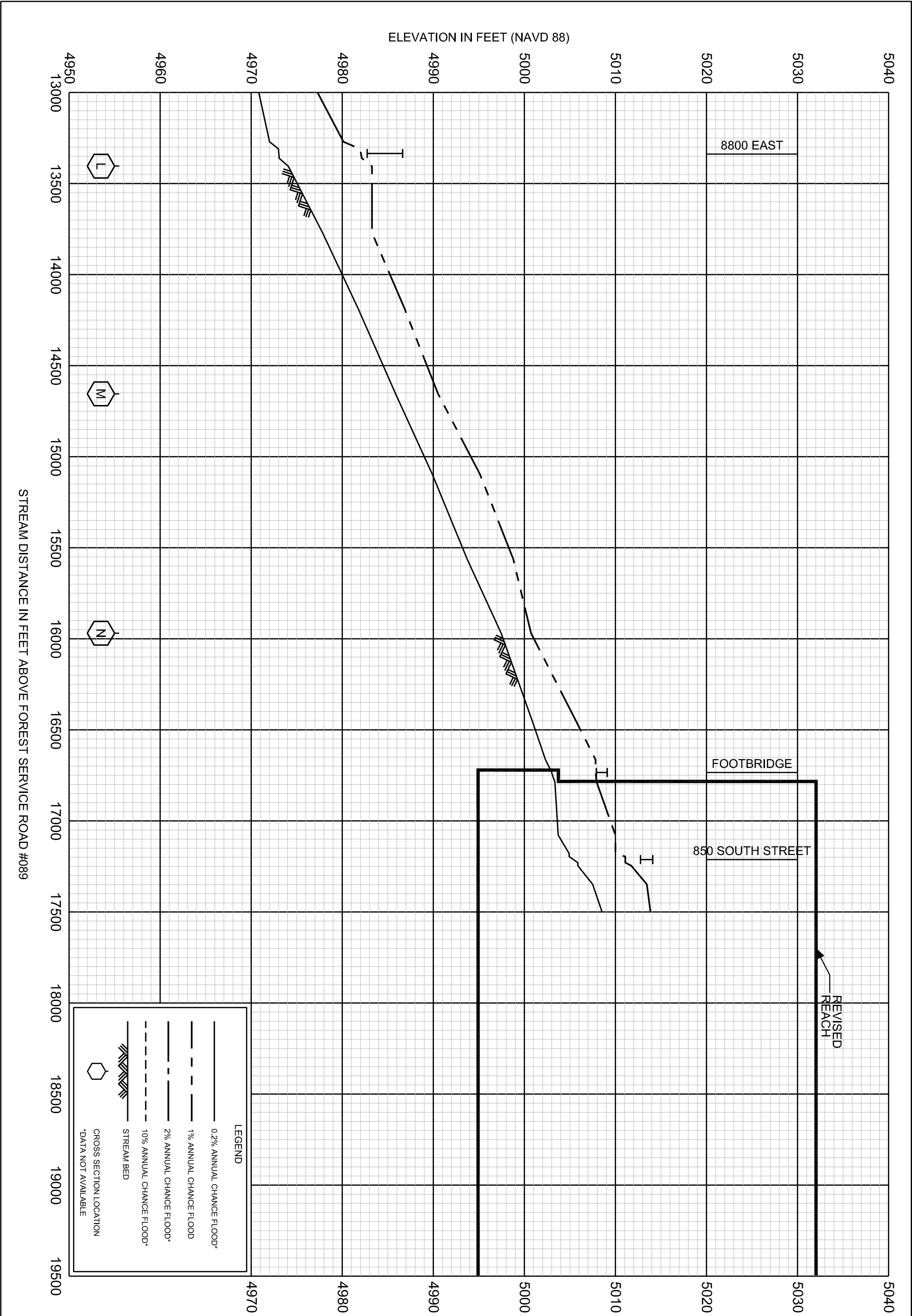
Patrick "Rick" F. Sacbibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration

Table 2. Summary of Discharges (Cont'd)

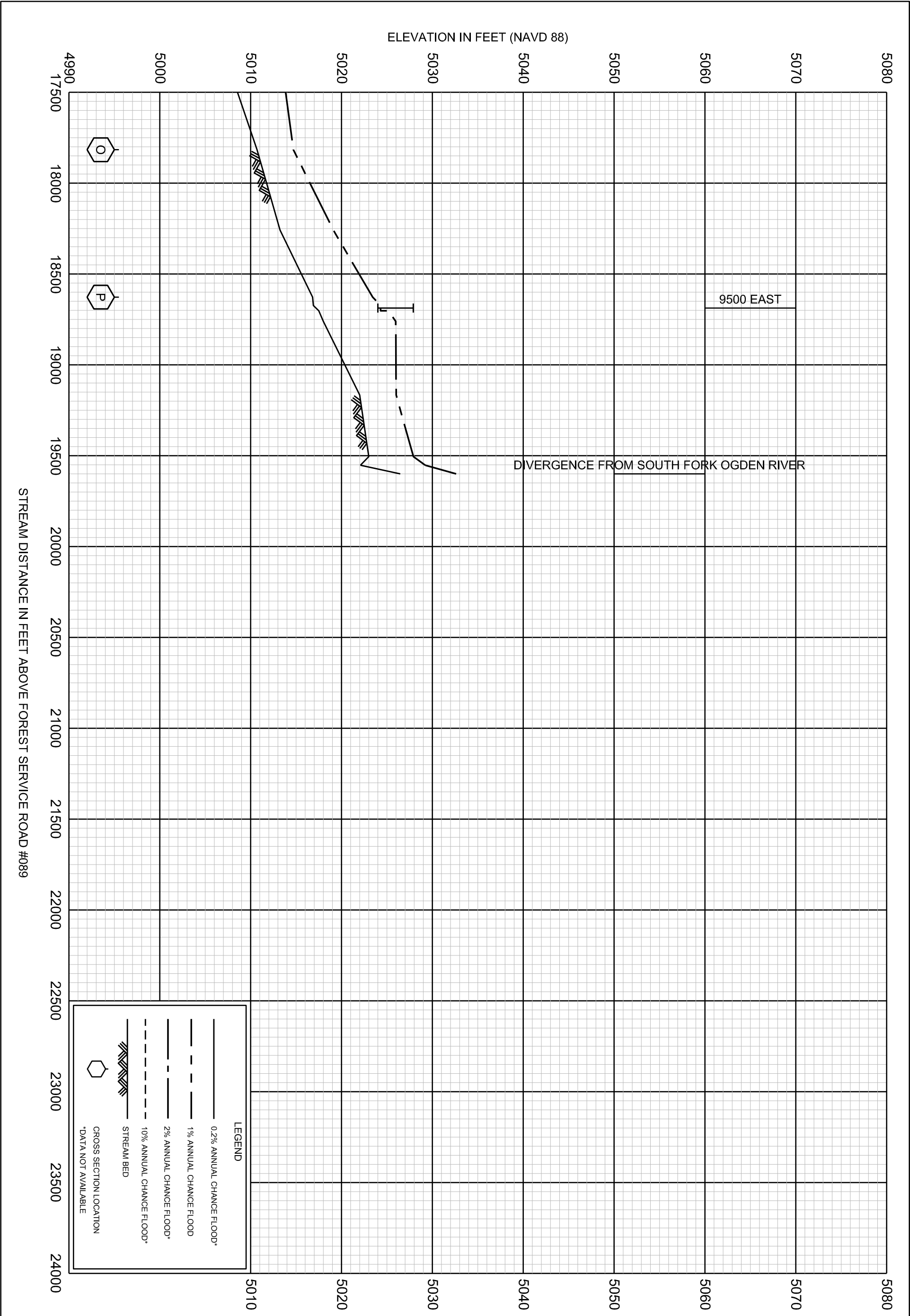
<u>Flooding Source and Location</u>	<u>Drainage Area (Square Miles)</u>	<u>Peak Discharges (cfs)</u>			
		<u>10-Percent Annual Chance</u>	<u>2-Percent Annual Chance</u>	<u>1-Percent Annual Chance</u>	<u>0.2-percent Annual Chance</u>
North Fork Ogden River					
At North Fork Rd/Durfee Rd split	10.8	331	678	867	1,381
At Pineview Reservoir	58.0	802	1,554	2,010	3,277
North Ogden Tributary					
At Elberta Drive	1.0	20	60	95	230
Ogden River					
Downstream of Pineview Reservoir	310	1,500 <sup>1</sup>	1,600 <sup>1</sup>	1,600 <sup>1</sup>	1,600 <sup>1</sup>
At Canyon Mouth	320	1,500 <sup>1</sup>	1,600 <sup>1</sup>	1,600 <sup>1</sup>	1,600 <sup>1</sup>
At confluence with Weber River	360	1,500 <sup>1</sup>	1,600 <sup>1</sup>	1,600 <sup>1</sup>	3,000 <sup>1</sup>
Sheep Creek					
At Confluence with North Fork Ogden River	12.0	134	309	408	687
South Fork Ogden River					
At North/South Branch split	143	1,194	2,267	2,831	4,319
South Fork Ogden River (North Branch)					
Approximately 3,150 feet downstream of divergence from South Fork Ogden River	143	394.1	---- <sup>2</sup>	784.6	---- <sup>2</sup>
At Pineview Reservoir	144	474.2	---- <sup>2</sup>	1290.3	---- <sup>2</sup>
South Fork Ogden River (South Branch)					
Approximately 2,810 feet downstream of divergence from South Fork Ogden River	143	1,077.5	---- <sup>2</sup>	1,541.8	---- <sup>2</sup>
At Pineview Reservoir	170	835.3	---- <sup>2</sup>	1941.2	---- <sup>2</sup>
Spring Gulch					
At Canyon	1.9	30	50	70	150
Strongs Gulch					
At Tyler Ave	1.5	58	104	128	190

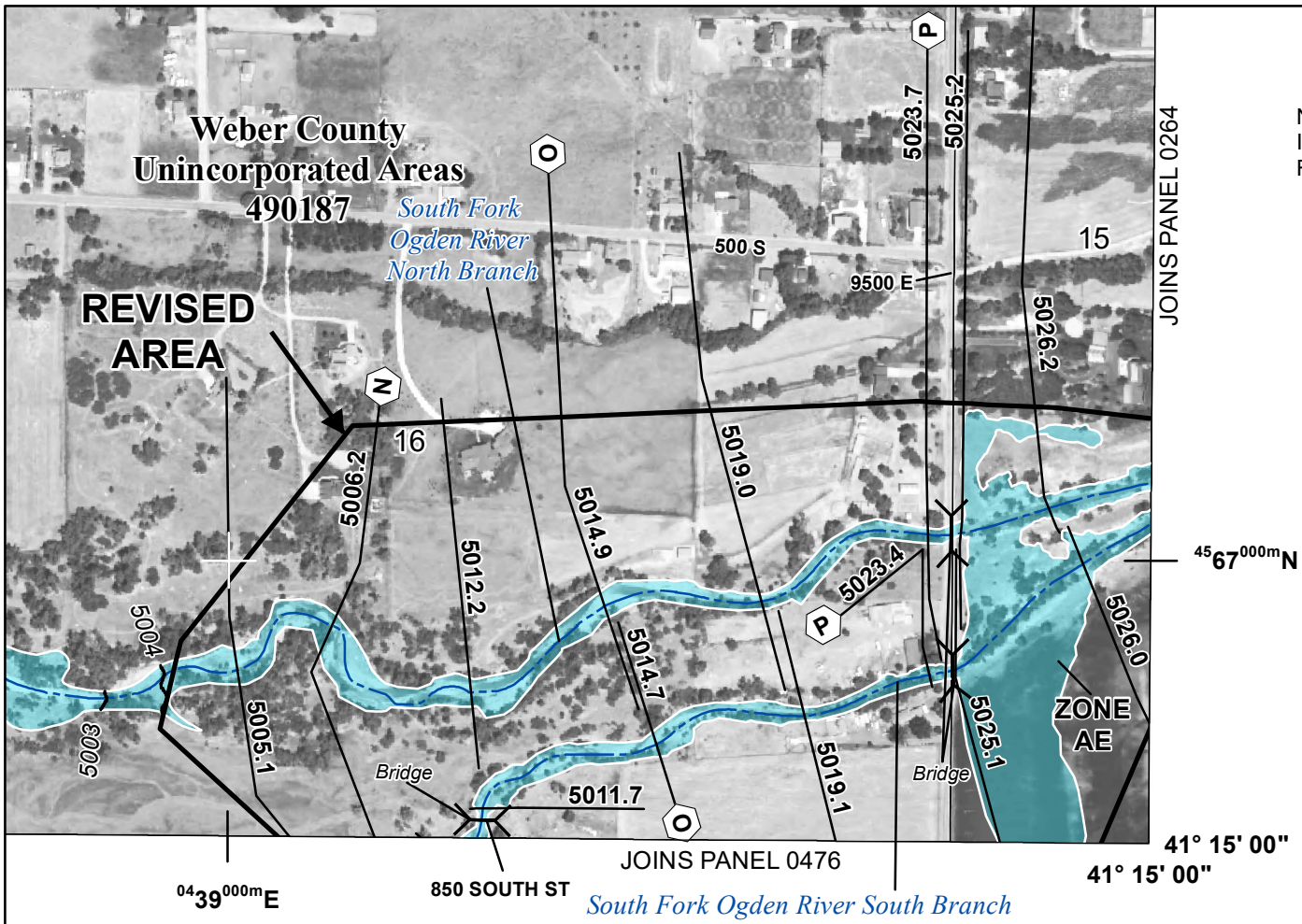
REVISED DATA











NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 6 NORTH, RANGE 2 EAST.

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)  
*Zone A, V, A99*
- 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*

**SCALE** Imagery Source: NAIP 2016

Map Projection:  
Universal Transverse Mercator NAD 1983 UTM Zone 12N  
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

**FEDERAL EMERGENCY MANAGEMENT AGENCY**  
**National Flood Insurance Program**

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

**WEBER COUNTY, UTAH**  
and Incorporated Areas

PANEL 263 OF 600

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
WEBER COUNTY	490187	0263	F

**REVISED TO REFLECT LOMR**  
**EFFECTIVE: October 3, 2022**

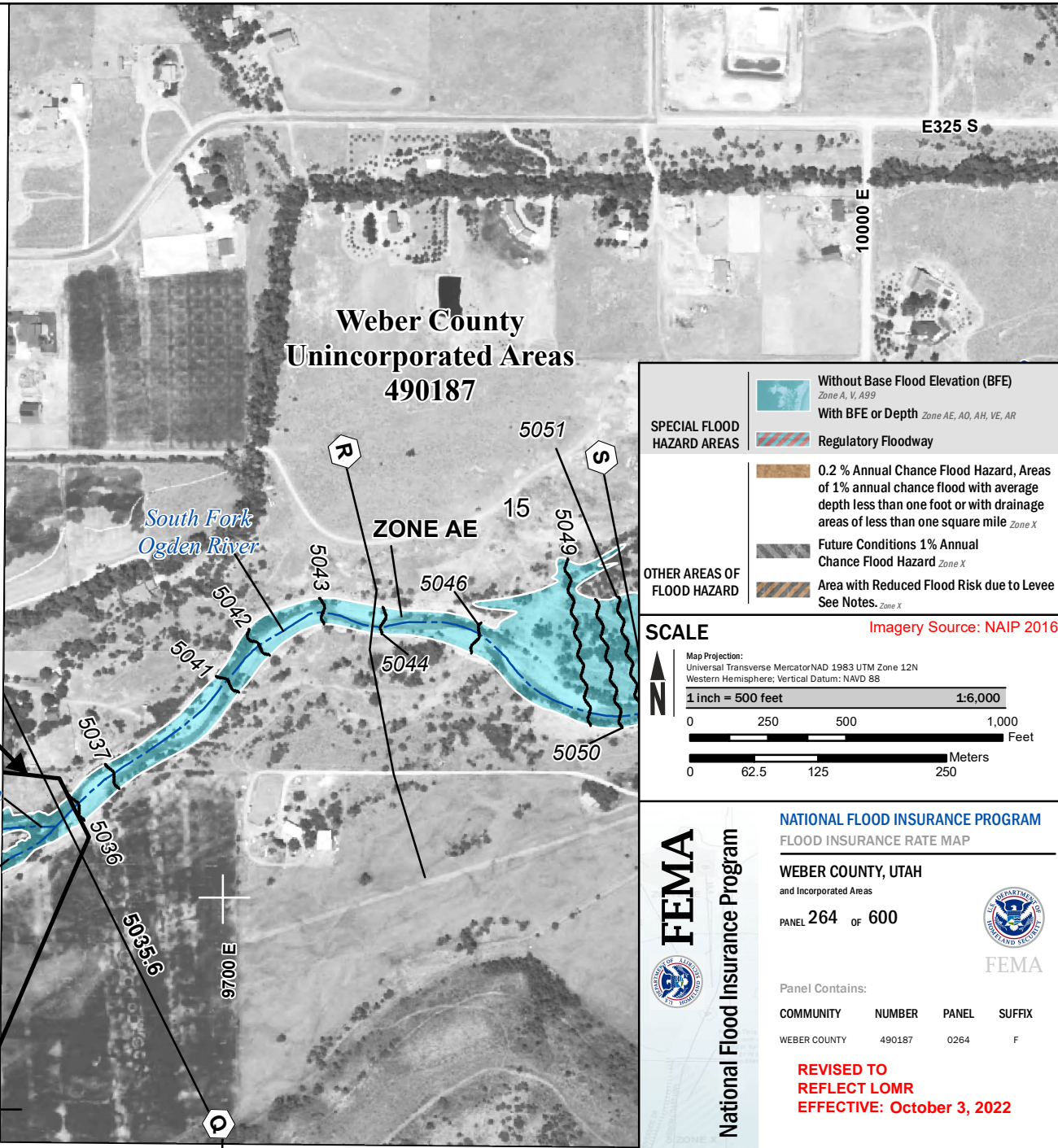
VERSION NUMBER  
1.1.1.0

MAP NUMBER  
49057C0263F

MAP REVISED  
JUNE 2, 2015

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 6 NORTH, RANGE 2 EAST.

JOINS PANEL 0263



**REVISED AREA**

*South Fork Ogden River North Branch*

*South Fork Ogden River South Branch*

3615000 FT

41° 15' 00"

111° 43' 07.5"




04 40<sup>000</sup>m E

JOINS PANEL 0500




**Weber County  
Unincorporated Areas  
490187**

**ZONE AE**

**SPECIAL FLOOD HAZARD AREAS**

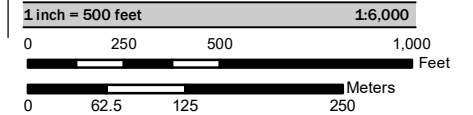
-  Without Base Flood Elevation (BFE)  
*Zone A, V, A99*
-  With BFE or Depth *Zone AE, AO, AH, VE, AR*
-  Regulatory Floodway

**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*

**SCALE**

Map Projection:  
Universal Transverse Mercator NAD 1983 UTM Zone 12N  
Western Hemisphere; Vertical Datum: NAVD 88



Imagery Source: NAIP 2016

**FEMA**



**National Flood Insurance Program**

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

**WEBER COUNTY, UTAH**  
and Incorporated Areas

PANEL 264 of 600



FEMA

Panel Contains:

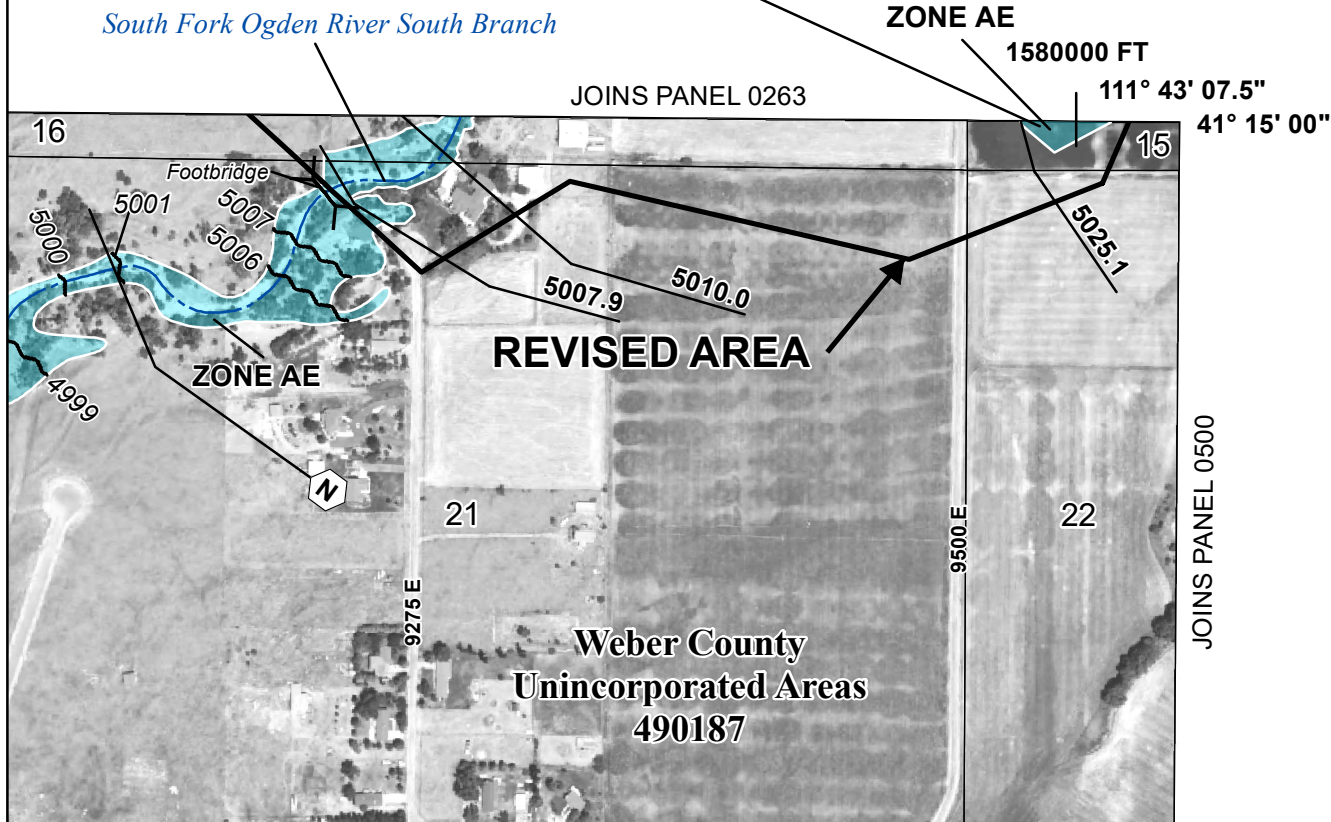
COMMUNITY	NUMBER	PANEL	SUFFIX
WEBER COUNTY	490187	0264	F

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: October 3, 2022**

VERSION NUMBER  
1.1.1.0  
MAP NUMBER  
49057C0264F  
MAP REVISED  
JUNE 2, 2015

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 6 NORTH, RANGE 2 EAST.

FLOODING EFFECTS FROM SOUTH FORK OGDEN RIVER SOUTH BRANCH



**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)  
*Zone A, V, A99*
- 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*

**SCALE** Imagery Source: NAIP 2016

Map Projection:  
Universal Transverse Mercator NAD 1983 UTM Zone 12N  
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet

0 62.5 125 250 Meters

**FEMA**  
National Flood Insurance Program

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

WEBER COUNTY, UTAH  
and Incorporated Areas

PANEL 476 OF 600

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
WEBER COUNTY	490187	0476	F

**REVISED TO REFLECT LOMR EFFECTIVE: October 3, 2022**

VERSION NUMBER 1.1.1.0  
MAP NUMBER 49057C0476F  
MAP REVISED JUNE 2, 2015