



# LETTER OF MAP REVISION DETERMINATION DOCUMENT

\* FIRM - Flood Insurance Rate Map

**See Page 2 for Additional Flooding Sources**

Silver Springs Gulch - From the confluence with Verde River to approximately 900 feet upstream of the confluence of Silver Springs Gulch South Tributary.


Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Silver Springs Gulch	No BFEs*	BFEs	YES	YES
	No Floodway	Floodway	YES	YES
	Zone A	Zone AE	YES	NONE
	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone AE	YES	NONE

\* 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

22-09-0848P

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 SOURCES & REVISED REACHES

Silver Springs Gulch - From the confluence with Verde River to approximately 900 feet upstream of the confluence of Silver Springs Gulch South Tributary.  
Silver Springs Gulch South Tributary - From its confluence to approximately 3,580 feet upstream of its confluence with Silver Spring Gulch.  
Silver Springs Gulch North Tributary - From its confluence to approximately 1,770 feet upstream of its confluence with Silver Spring Gulch.

#### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Silver Springs Gulch	Zone X (shaded)	Floodway	YES	NONE
Silver Springs Gulch North Tributary	No BFEs*	BFEs	YES	NONE
	No Floodway	Floodway	YES	NONE
	Zone A	Zone X (unshaded)	NONE	YES
	Zone A	Zone AE	NONE	YES
	Zone X (shaded)	Zone AE	YES	NONE
	Zone X (shaded)	Floodway	YES	NONE
Silver Springs Gulch South Tributary	No BFEs	BFEs	YES	NONE
	Zone A	Zone AE	YES	NONE
	Zone X (shaded)	Zone AE	YES	NONE

\*Base Flood Elevations

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LETTER OF MAP REVISION  
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

**CID Number:** 040093      **Name:** Yavapai County, Arizona

**AFFECTED MAP PANELS**

TYPE: FIRM      NO.: 04025C1757H      DATE: October 16, 2015

**AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT**

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: February 8, 2024  
PROFILE(S): 373P, 374P, 375P, 375P(a), 375P(b), 375P(c), 375P(d)  
FLOODWAY DATA TABLE: 24  
SUMMARY OF DISCHARGES TABLE: 10

**CID Number:** 040095      **Name:** Town of Clarkdale, Arizona

**AFFECTED MAP PANELS**

TYPE: FIRM      NO.: 04025C1775G      DATE: September 3, 2010

**AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT**

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: February 8, 2024  
PROFILE(S): 373P, 374P, 375P, 375P(a), 375P(b), 375P(c), 375P(d)  
483P, 484P  
FLOODWAY DATA TABLE: 24  
SUMMARY OF DISCHARGES TABLE: 10

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.

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 (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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Federal Insurance and Mitigation Administration





# Federal Emergency Management Agency

Washington, D.C. 20472

## 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:

Kathryn Lipiecki  
Director, Mitigation Division  
Federal Emergency Management Agency, Region IX  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052  
(510) 627-7211

### 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 (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 Verde Independent*

Dates: July 24, 2024 and July 31, 2024

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>.

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Engineering Services Branch  
Federal Insurance and Mitigation Administration

REVISED TO  
REFLECT LOMR  
EFFECTIVE: November 29, 2024

Table 10: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Plus	0.2% Annual Chance
Sexton Ranch Wash	Approximately 1900 feet upstream of confluence with Oak Creek	0.4	173	296	413	553	703	982
Sheepshead Canyon Creek	Approximately 1300 feet upstream of confluence with Oak Creek	5.3	877	1,454	1,997	2,637	3,352	4,582
Sheepshead Canyon Creek	Approximately 700 feet upstream of confluence with Oak Creek	6.2	974	1,607	2,203	2,902	3,689	5,026
Silver Springs Gulch	At confluence with Verde River at the confluence with Silver Springs Gulch	5.3	1,832	*	3,393	4,634	*	6,135
Silver Springs Gulch North Tributary	Upstream Limits of North Tributary at the confluence with Silver Springs Gulch	1.4	781	*	1,402	1,706	*	2,481
Silver Springs Gulch South Tributary	Upstream extents of South Tributary at the confluence with Silver Springs Gulch	2.0	661	*	1,215	1,505	*	2,268
Skull Valley Wash	At Kirkland	147.0	8,000	*	23,300	31,500	*	54,900
Small Turkey Creek	Approximately 1350 feet upstream of confluence with Oak Creek	0.3	148	264	376	514	653	939
Soldier Pass Lookout Wash	Approximately 1300 feet upstream of confluence with Dry Creek	0.3	108	187	267	364	463	668
Soldier Pass Wash	Approximately 925 feet upstream of confluence with Lost Wilson Creek	2.8	513	937	1371	1,903	2,418	3,571
Soldier Pass Wash	At confluence with Lost Wilson Creek	3.7	622	1,119	1,624	2,239	2,846	4,159
Soldier Wash	Upstream of confluence with Substation Soldier Wash	2.3	813	998	1,630	2,057	3,176	3,195

REVISED DATA

**Table 24: Floodway Data (continued)**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	522	102	201	8.6	3,703.4	3,703.4	3,703.4	0.0
B	1,036	231	345	7.4	3,724.1	3,723.2	3,723.2	0.0

<sup>1</sup> Feet above confluence with Silver Springs Gulch

**REVISED TO  
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TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>YAVAPAI COUNTY, AZ</b>  AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SILVER SPRINGS GULCH NORTH TRIBUTARY</b>

**Table 24: Floodway Data (continued)**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,178	39	140	11.0	3,707.6	3,707.6	3,707.6	0.0
B	2,078	105	196	7.7	3,749.6	3,749.7	3,749.7	0.0
C	3,041	48	151	10.	3793.8	3,793.8	3,793.8	0.0

<sup>1</sup> Feet above confluence with Silver Springs Gulch

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: November 29, 2024**

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY  <b>YAVAPAI COUNTY, AZ</b>  AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SILVER SPRINGS GULCH SOUTH TRIBUTARY

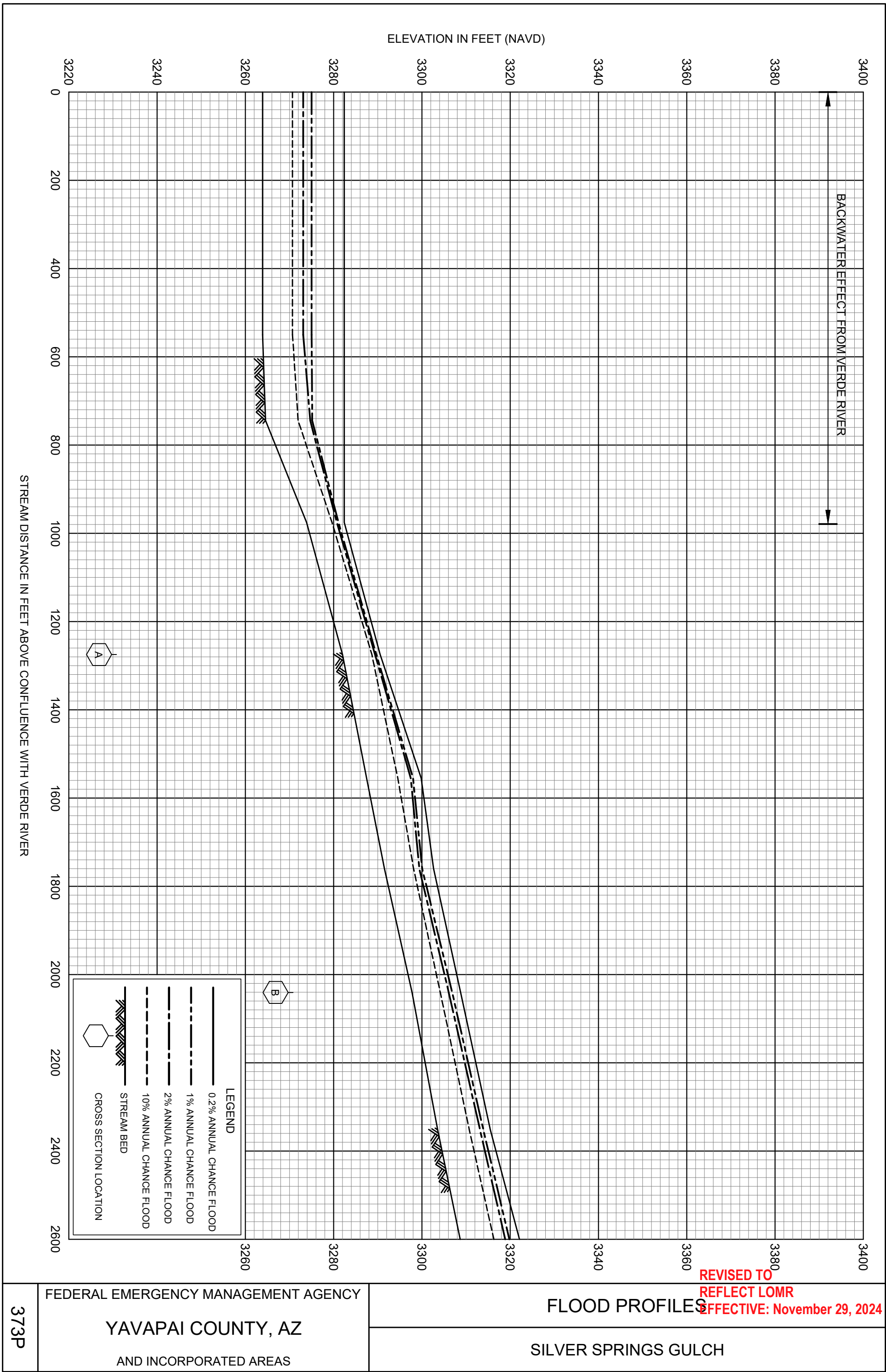
**Table 24: Floodway Data (continued)**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,275	108	428	11.7	3,289.7	3,289.7	3,290.6	0.9
B	2,041	61	345	13.4	3,306.9	3,306.9	3,306.9	0.0
C	3,708	116	574	8.0	3,358.4	3,358.4	3,358.7	0.3
D	5,372	58	338	13.6	3,407.3	3,407.3	3,407.3	0.0
E	6,136	65	349	13.2	3,428.6	3,428.6	3,428.6	0.0
F	6,876	67	415	10.5	3,445.1	3,445.1	3,446.0	0.9
G	7,114	61	332	13.2	3,450.9	3,450.9	3,451.2	0.3
H	7,365	81	361	12.3	3,457.2	3,457.2	3,457.4	0.2
I	7,571	76	362	13.2	3,462.8	3,462.8	3,462.8	0.0
J	7,884	120	448	11.3	3,471.9	3,471.9	3,471.9	0.0
K	8,546	65	336	13.1	3,493.6	3,493.6	3,494.0	0.4
L	9,050	86	372	11.8	3,507.0	3,507.0	3,507.0	0.0
M	9,689	88	375	11.2	3,523.1	3,523.1	3,523.1	0.0
N	10,732	326	664	9.3	3,557.5	3,557.5	3,558.2	0.7
O	11,777	130	415	10.1	3,590.0	3,590.0	3,590.3	0.3
P	12,686	93	370	11.3	3,617.4	3,617.4	3,617.6	0.2
Q	13,051	104	399	11.6	3,627.5	3,627.5	3,628.3	0.8
R	13,999	157	443	9.9	3,637.0	3,637.0	3,637.1	0.1
S	15,319	20	44	8.3	3,732.6	3,732.6	3,732.6	0.0
T	15,970	34	52	7.0	3,764.3	3,764.3	3,764.3	0.0
U	16,600	28	49	7.5	3,796.6	3,796.6	3,796.7	0.1
V	17,427	93	215	8.7	3,835.1	3,835.1	3,835.9	0.8
W	17,970	46	172	10.9	3,858.5	3,858.5	3,858.8	0.3

<sup>1</sup> Feet above confluence with Verde River

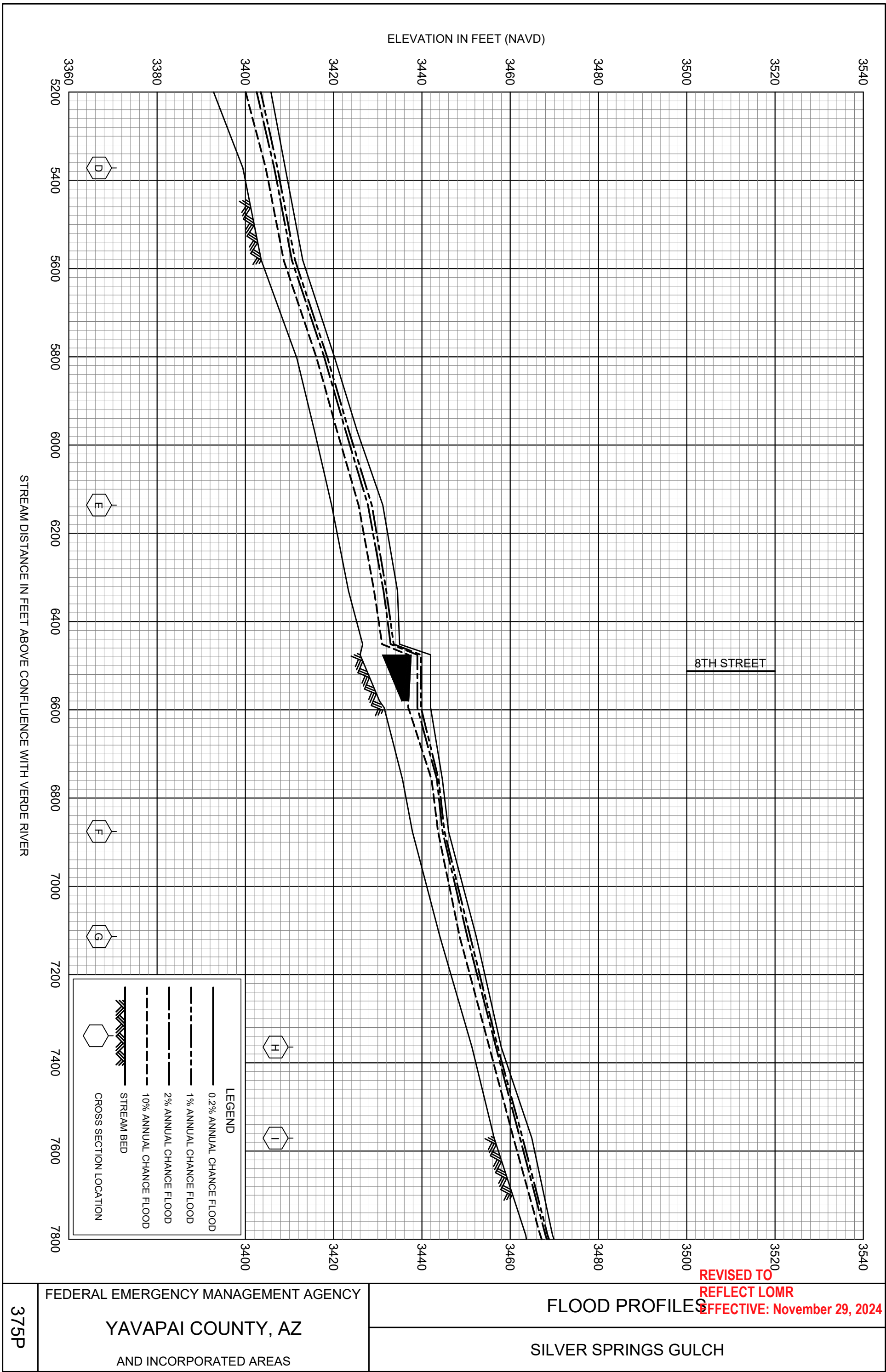
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EFFECTIVE: November 29, 2024**

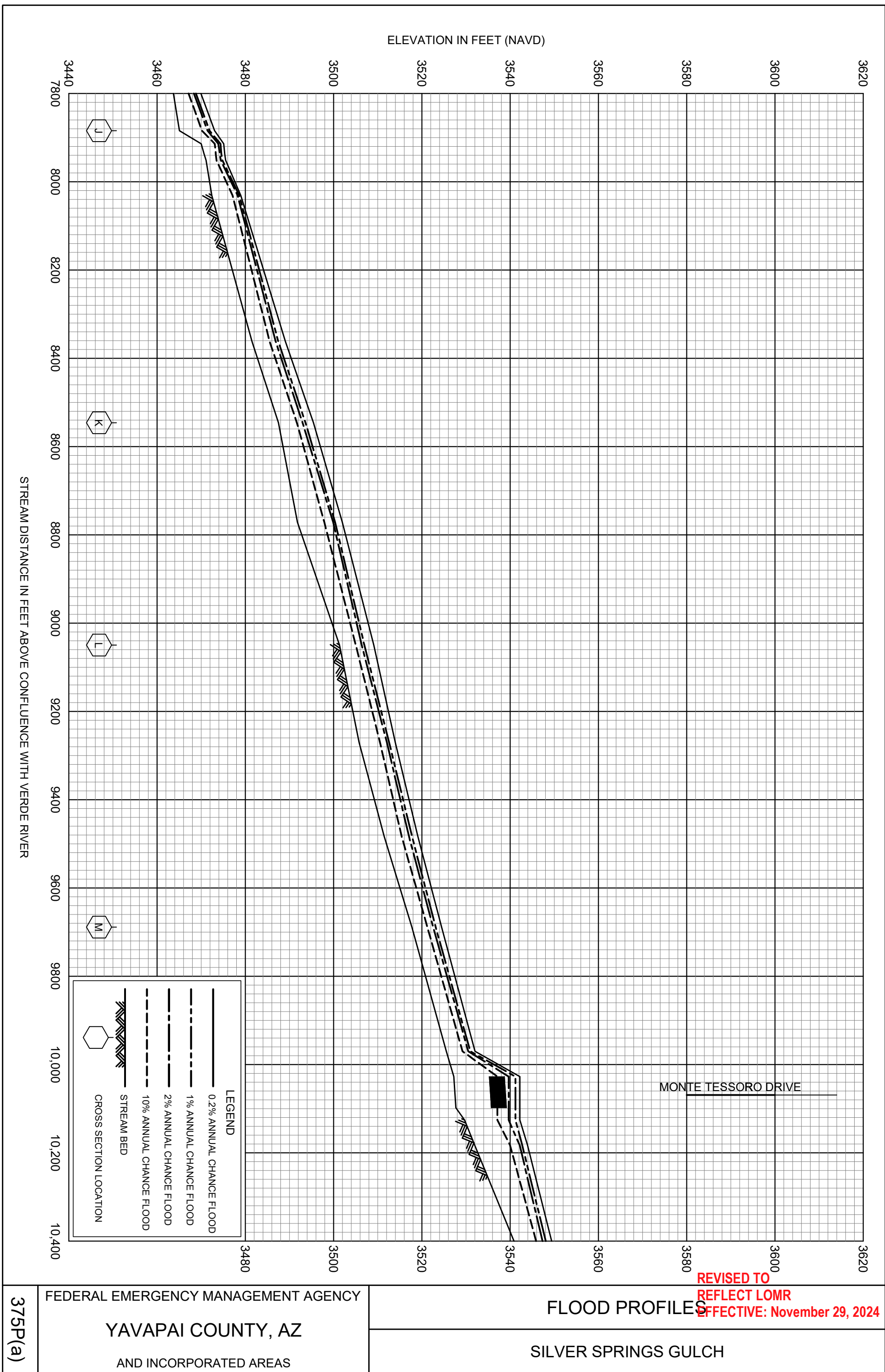
TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY  YAVAPAI COUNTY, AZ  AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SILVER SPRINGS GULCH



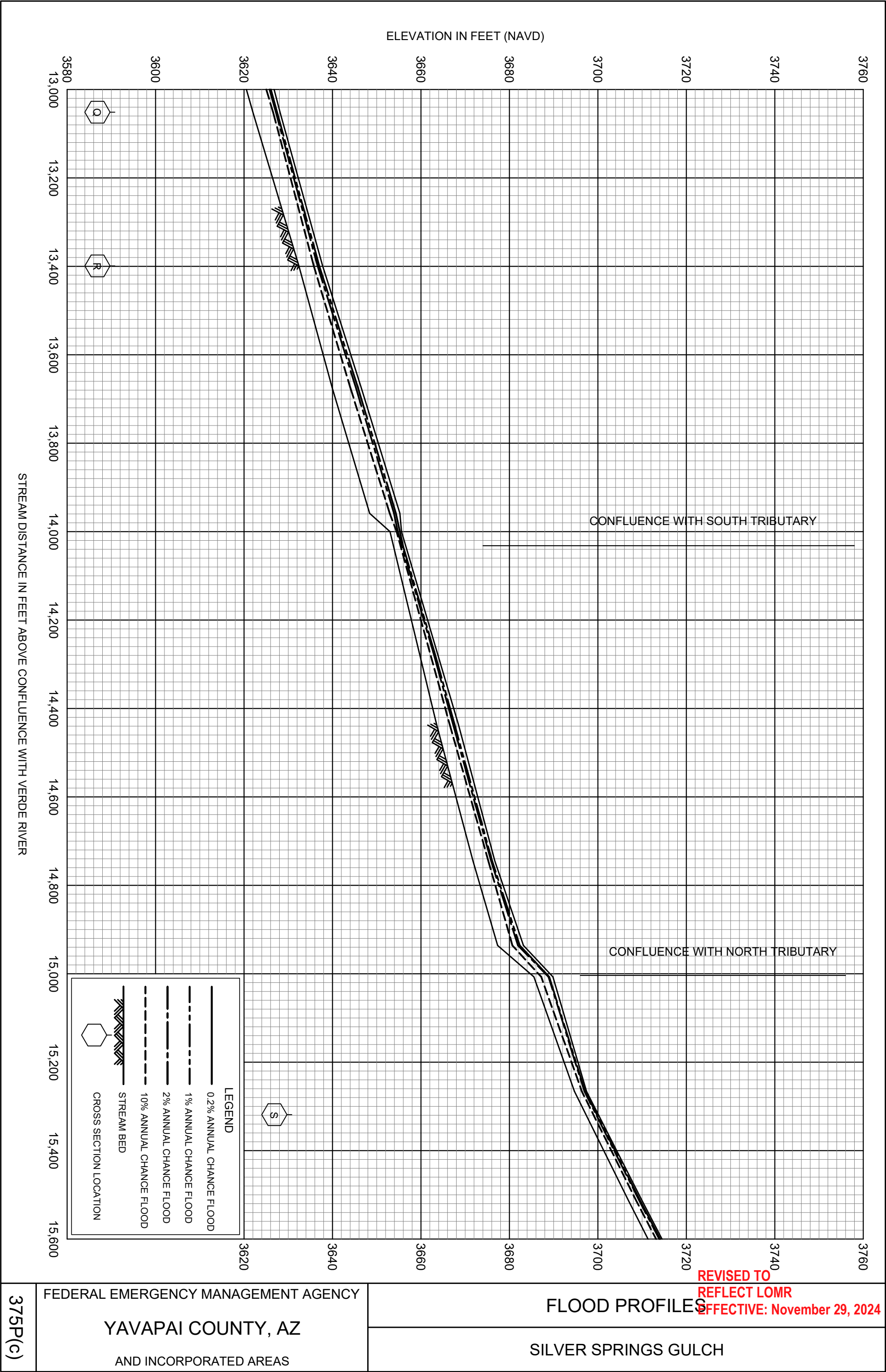




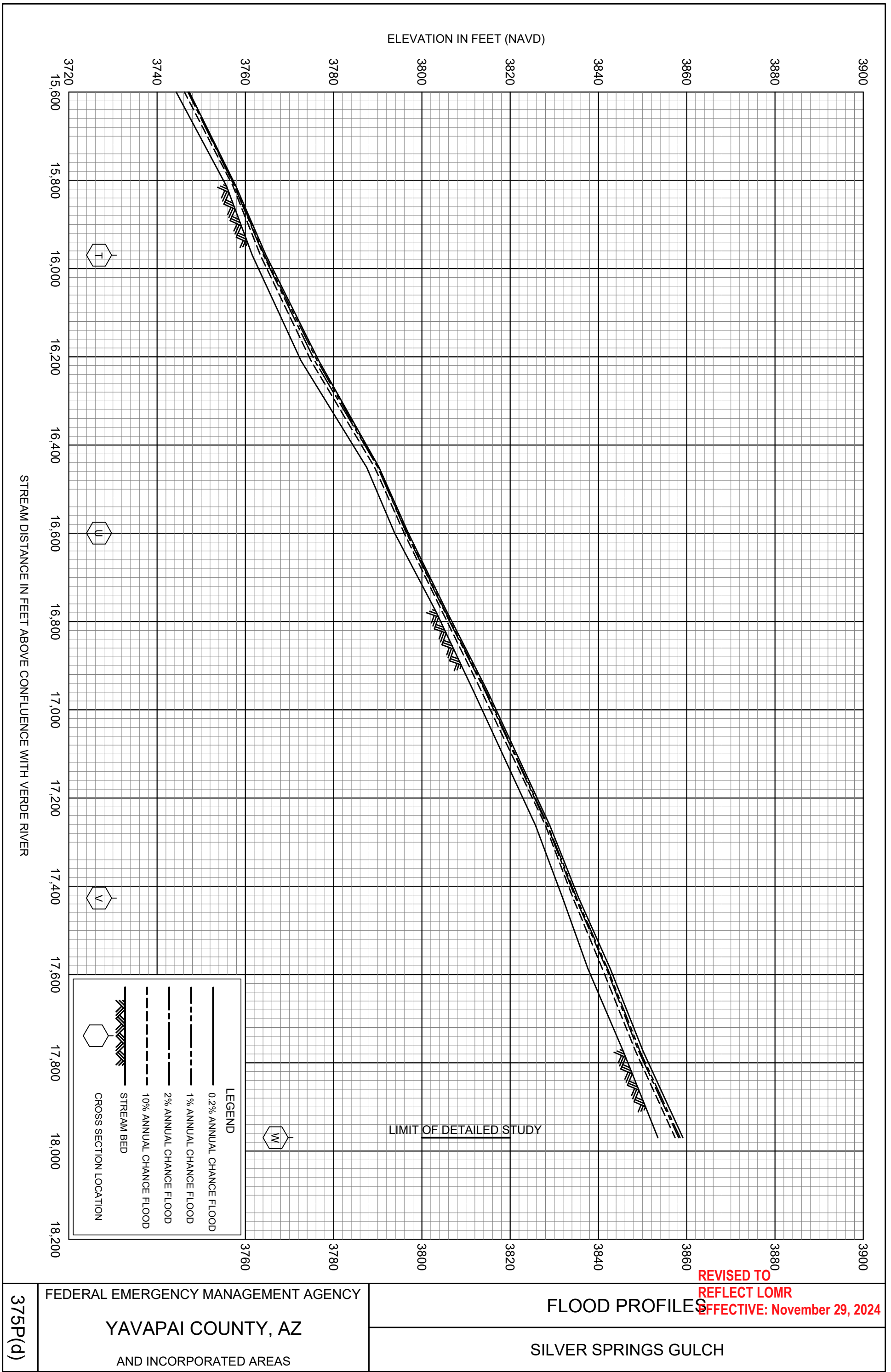


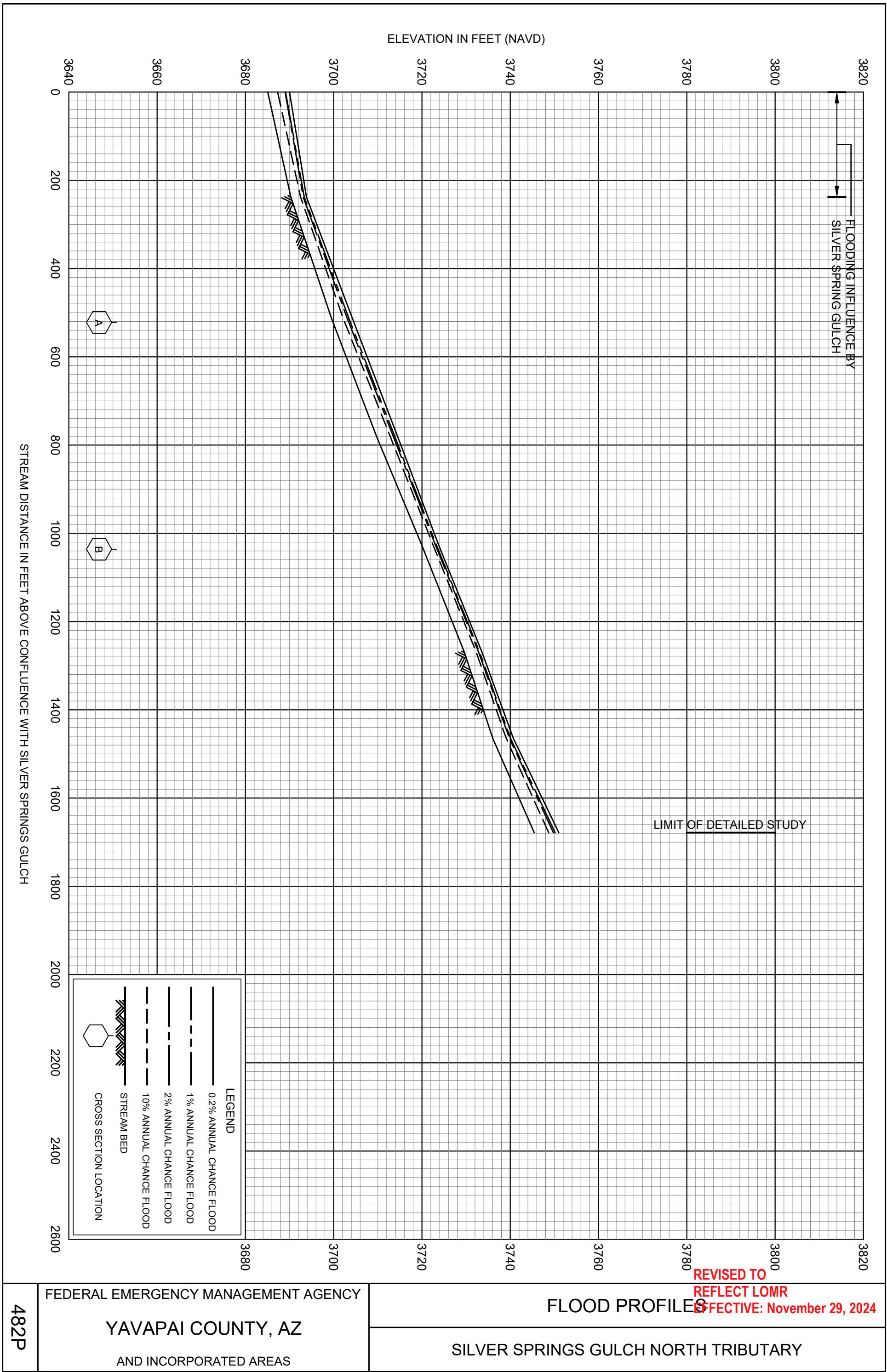






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EFFECTIVE: November 29, 2024



















*North Fork Mesal Gulch*

SHILOH TRL

JOINS PANEL 1389

LIMIT OF STUDY

# Yavapai County

## **-Unincorporated Areas 040093**

## ZONE AE

## Mescal Wash

**AREA REVISED BY  
BY EFFECTIVE LOMR  
MAY 14, 2015**

## Profile Baseline

THIS AREA SHOWN AT A  
SCALE OF 1" = 500'  
ON MAP NUMBER  
04025C1756

THIS AREA SHOWN AT A  
SCALE OF 1" = 500'  
ON MAP NUMBER  
04025C1757

## SPECIAL FLOOD HAZARD AREAS

### Without Base Flood Elevation (BFE)

Zone A,V, A99  
With BFF or Depth Zone AF AQ AH VF AR

Regulatory Floodway

OTHER AREAS OF  
FLOOD HAZARD

OTHER  
AREAS

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

**Area of Undetermined Flood Hazard** *Zone D*

## SCALE

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



**1 inch = 2,000 feet**

1:24.000

The diagram consists of two horizontal number lines. The top number line is labeled 'Feet' at its right end. It has major tick marks at 0, 1,000, 2,000, and 4,000. Two white rectangular bars are placed on this line: one from 0 to 1,000 and another from 1,000 to 2,000. The bottom number line is labeled 'Meters' at its right end. It has major tick marks at 0, 300, 600, and 1,200. Two white rectangular bars are placed on this line: one from 0 to 300 and another from 300 to 600. The bars on the 'Feet' line are longer than the bars on the 'Meters' line, visually demonstrating that 1,000 feet is greater than 300 meters.

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

**YAVAPAI COUNTY, ARIZONA**  
and Incorporated Areas

PANEL 1775 OF 3900

Panel Contains:

**COMMUNITY**  
CLARKDALE, TOWN OF  
COTTONWOOD, CITY OF  
JEROME, TOWN OF  
YAVAPAI COUNTY

NUMBER  
040095  
040096  
040138  
040093



FEMA

PANEL	SUFFIX
1775	G
1775	G
1775	G
1775	G

**REVISED TO  
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VERSION NUMBER

### 2.3.3.0

MAP NUMBER  
04025C1775G

MAP REVISED  
SEPTEMBER 3, 2010