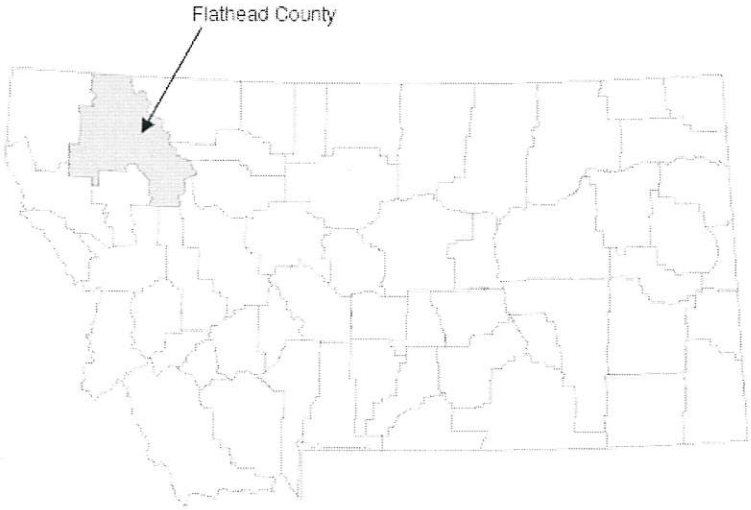
FLOOD INSURANCE STUDY

FLATHEAD COUNTY, MONTANA
AND INCORPORATED AREAS
VOLUME 2 OF 2

COMMUNITY NAME	COMMUNITY NUMBER
COLUMBIA FALLS, CITY OF	300024
FLATHEAD COUNTY (UNINCORPORATED AREAS)	300023
KALISPELL, CITY OF	300025
WHITEFISH, CITY OF	300026



Revised: November 4, 2015

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
30029CV002C

RECEIVED
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FLATHEAD COUNTY
PLANNING & ZONING OFFICE

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. Please contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS report by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS report. Therefore, users should consult with community officials and check the Community Map Repository to obtain the most current FIS report components.

Initial Countywide FIS Report Effective Date: September 28, 2007

First Revised Countywide FIS Report Effective Date: June 18, 2013

Second Revised Countywide FIS Report Effective Date: November 4, 2015

JUL 2 7 2015

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Exhibit 2 – Flood Insurance Rate Map Index

Flood Insurance Rate Map

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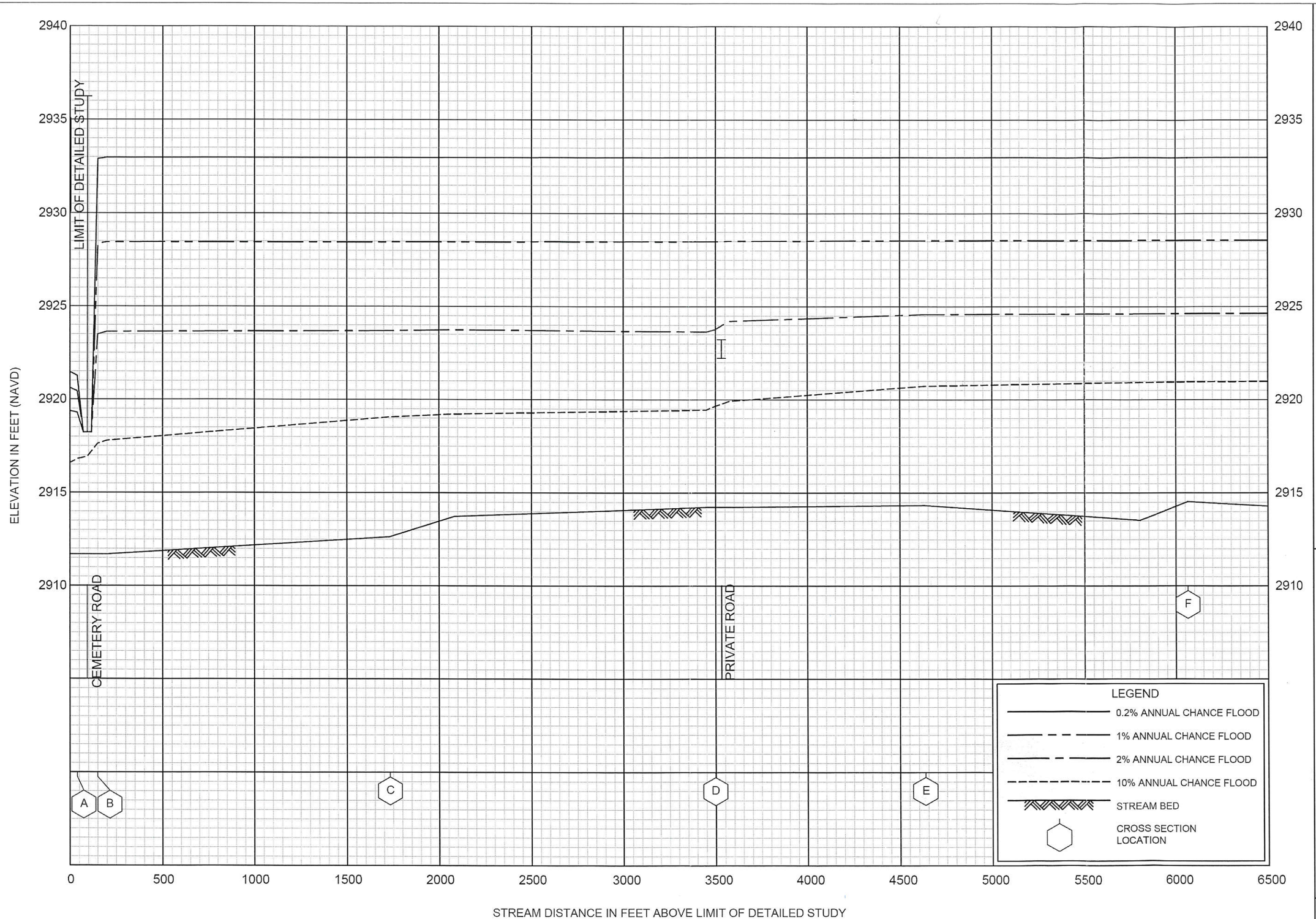

FLOOD PROFILES

ASHLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

01P

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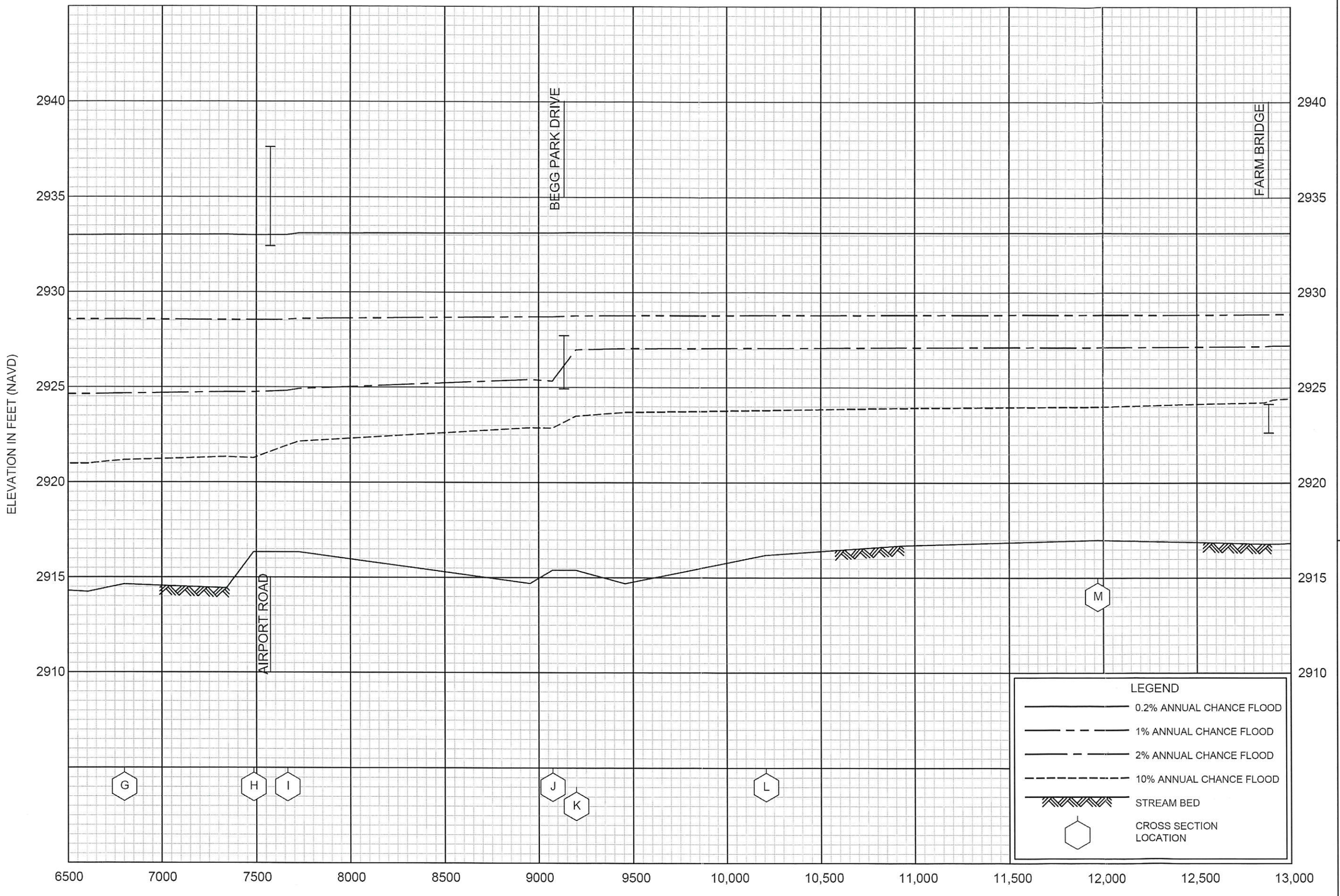

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ASHLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

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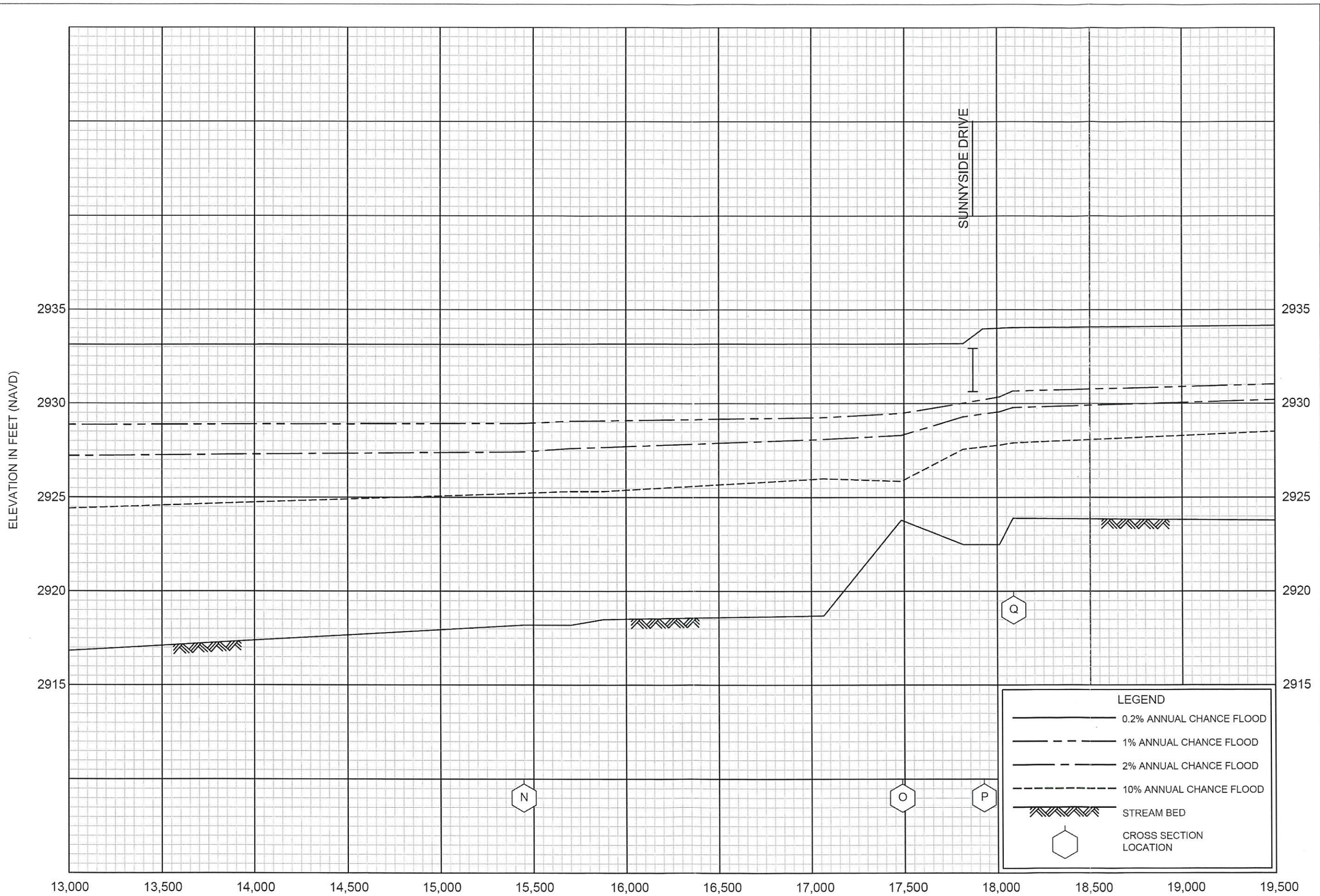

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ASHLEY CREEK

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AND INCORPORATED AREAS

03P

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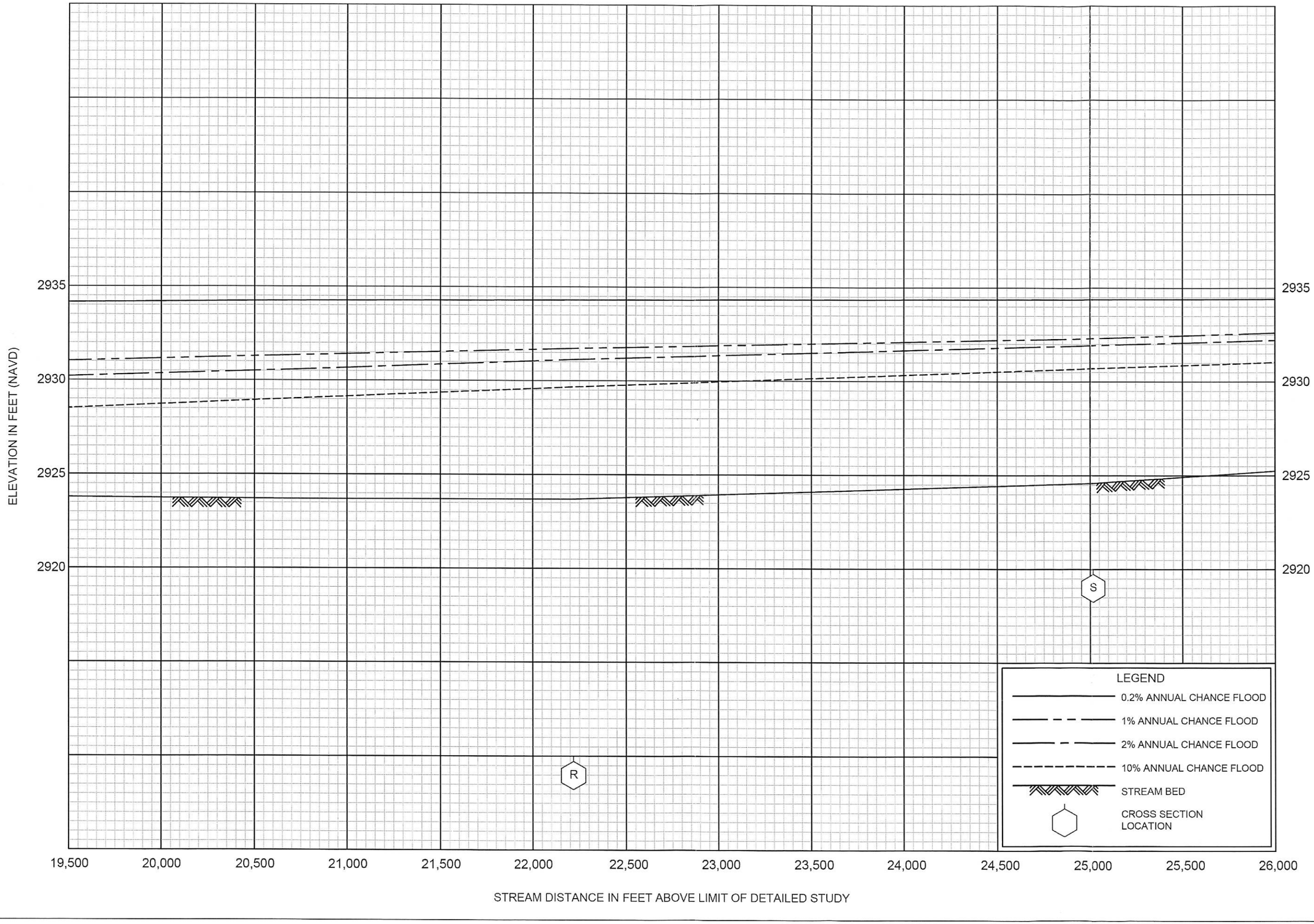

FLOOD PROFILES

ASHLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

04P

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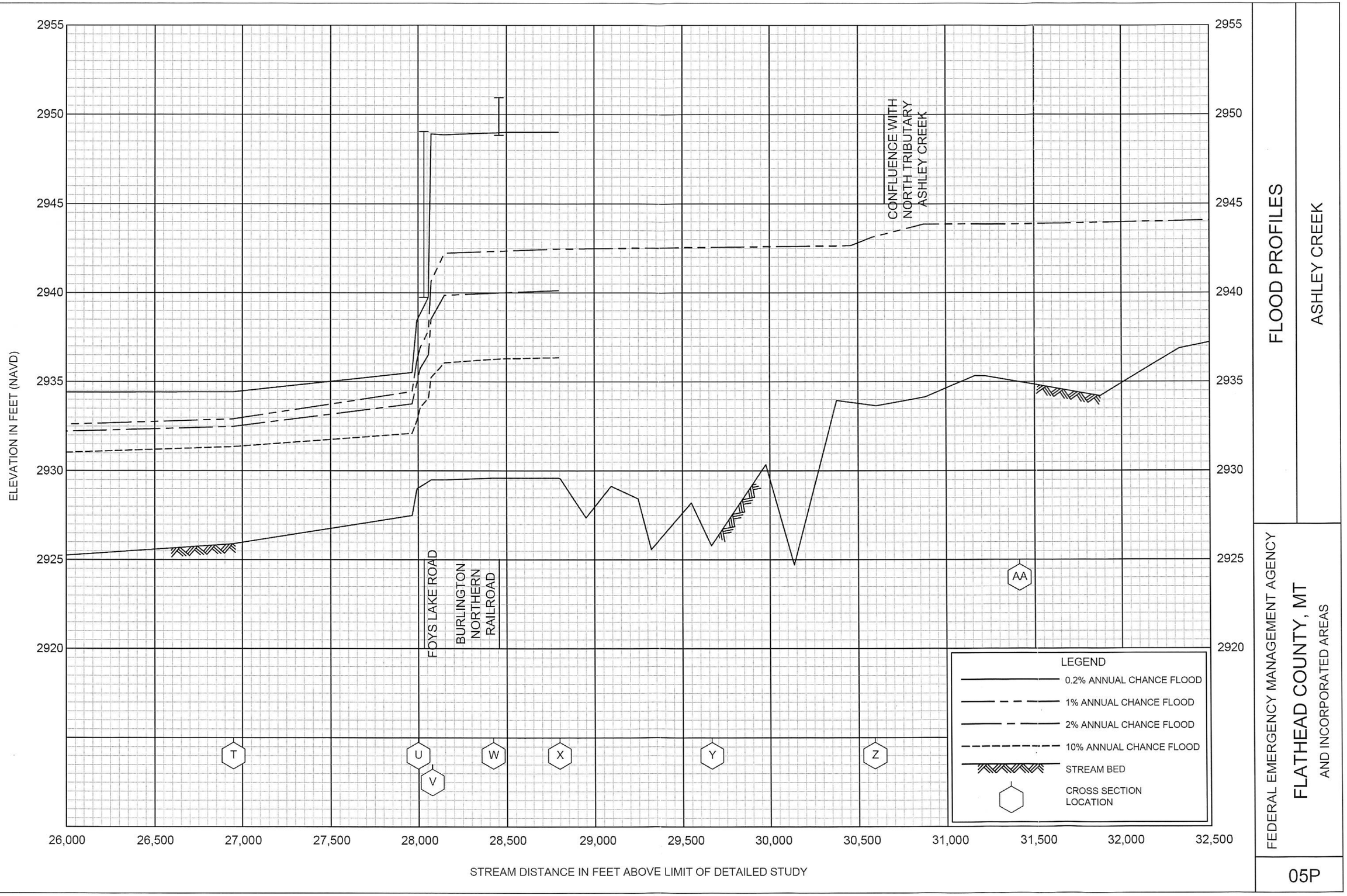

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FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

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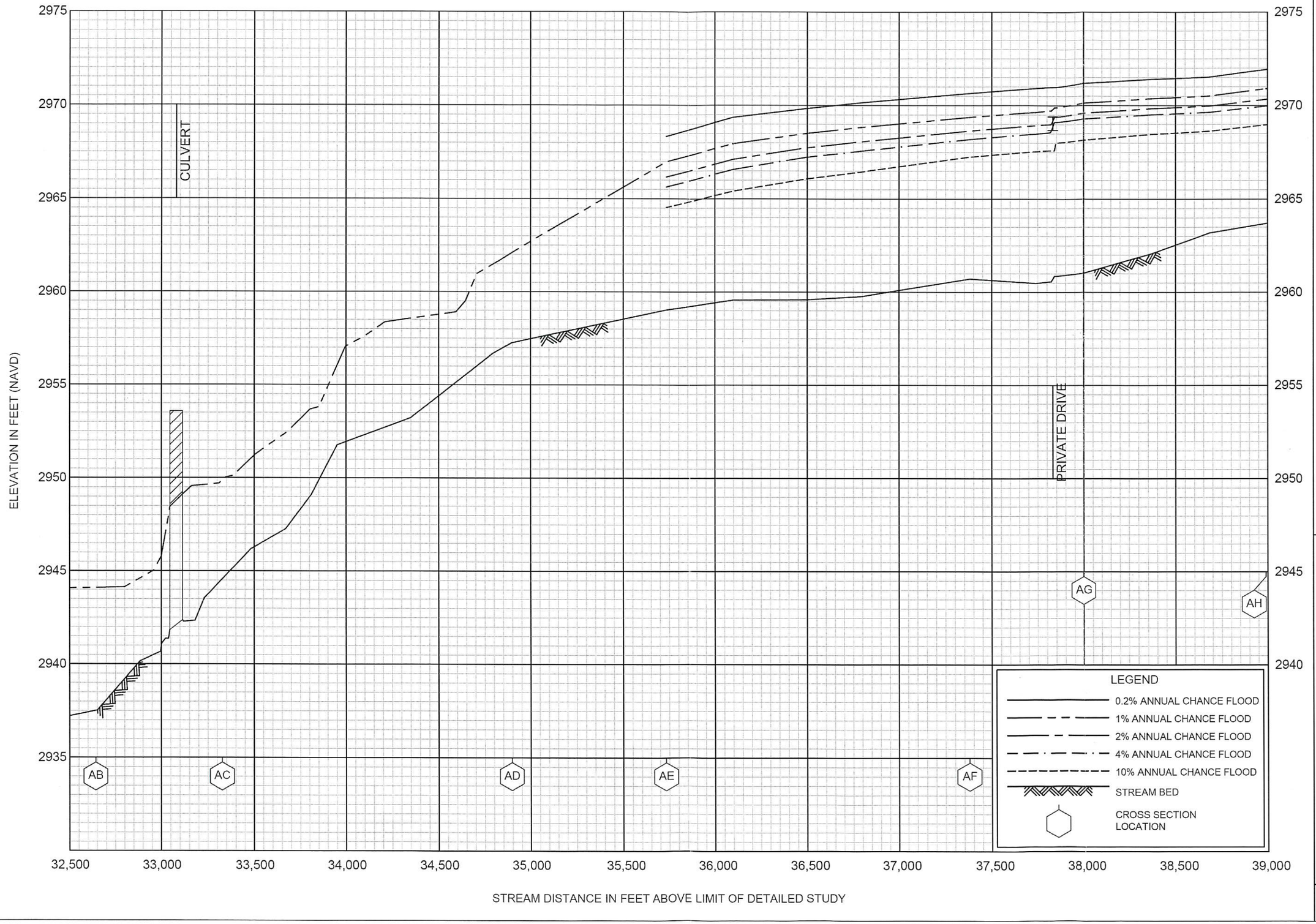

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ASHLEY CREEK

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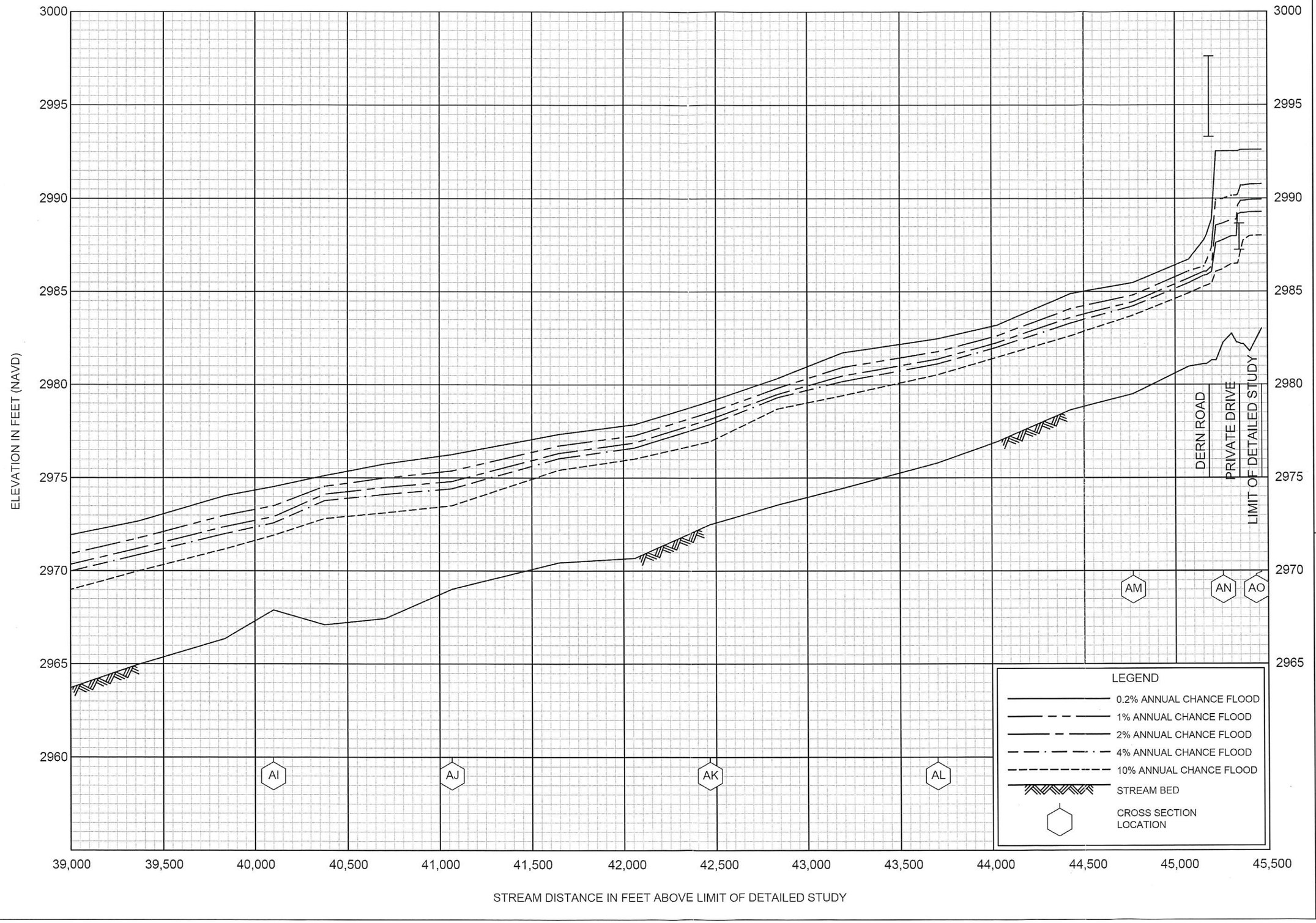

FLOOD PROFILES

ASHLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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07P

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FLOOD PROFILES

BEAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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08P

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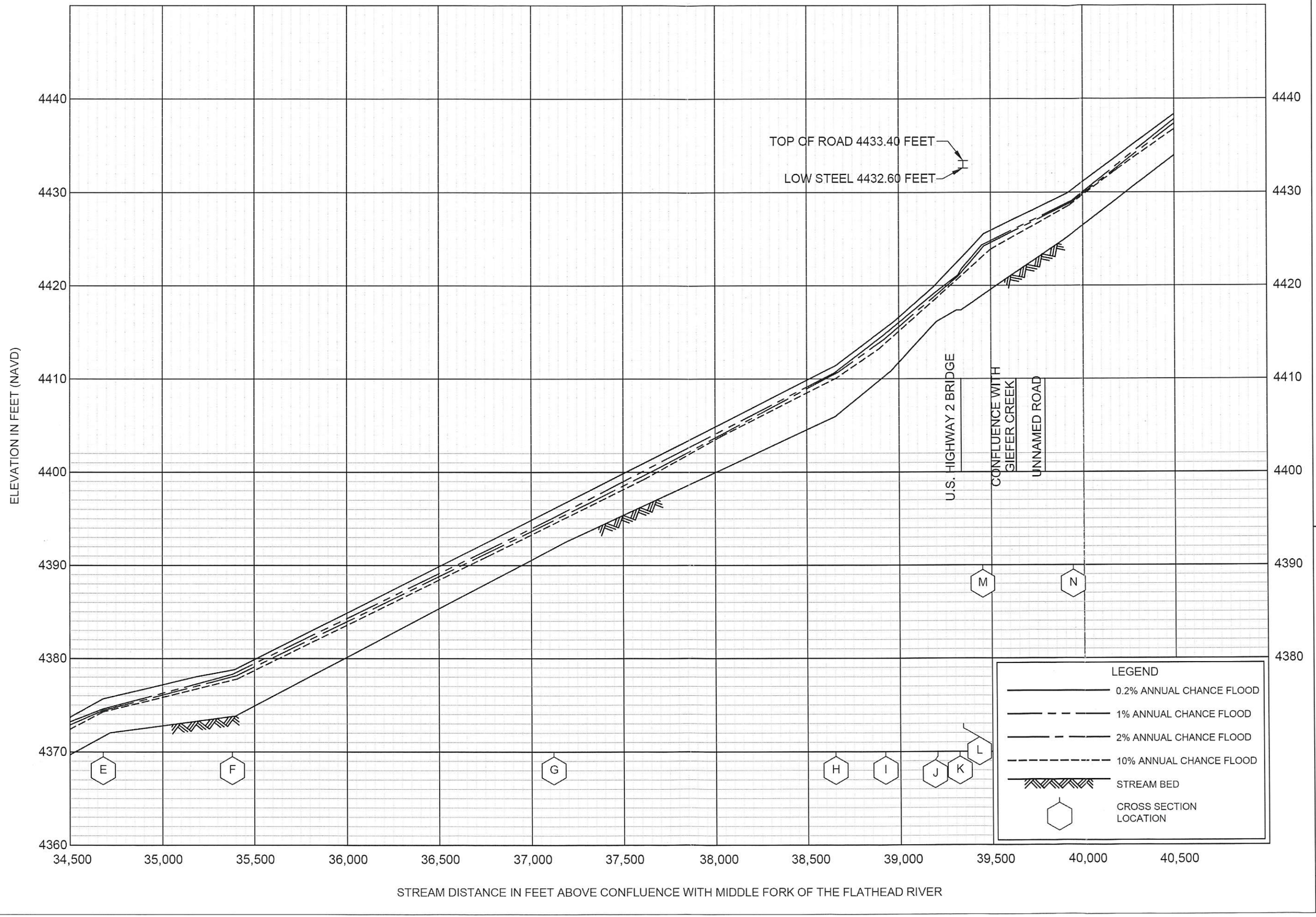

FLOOD PROFILES

BEAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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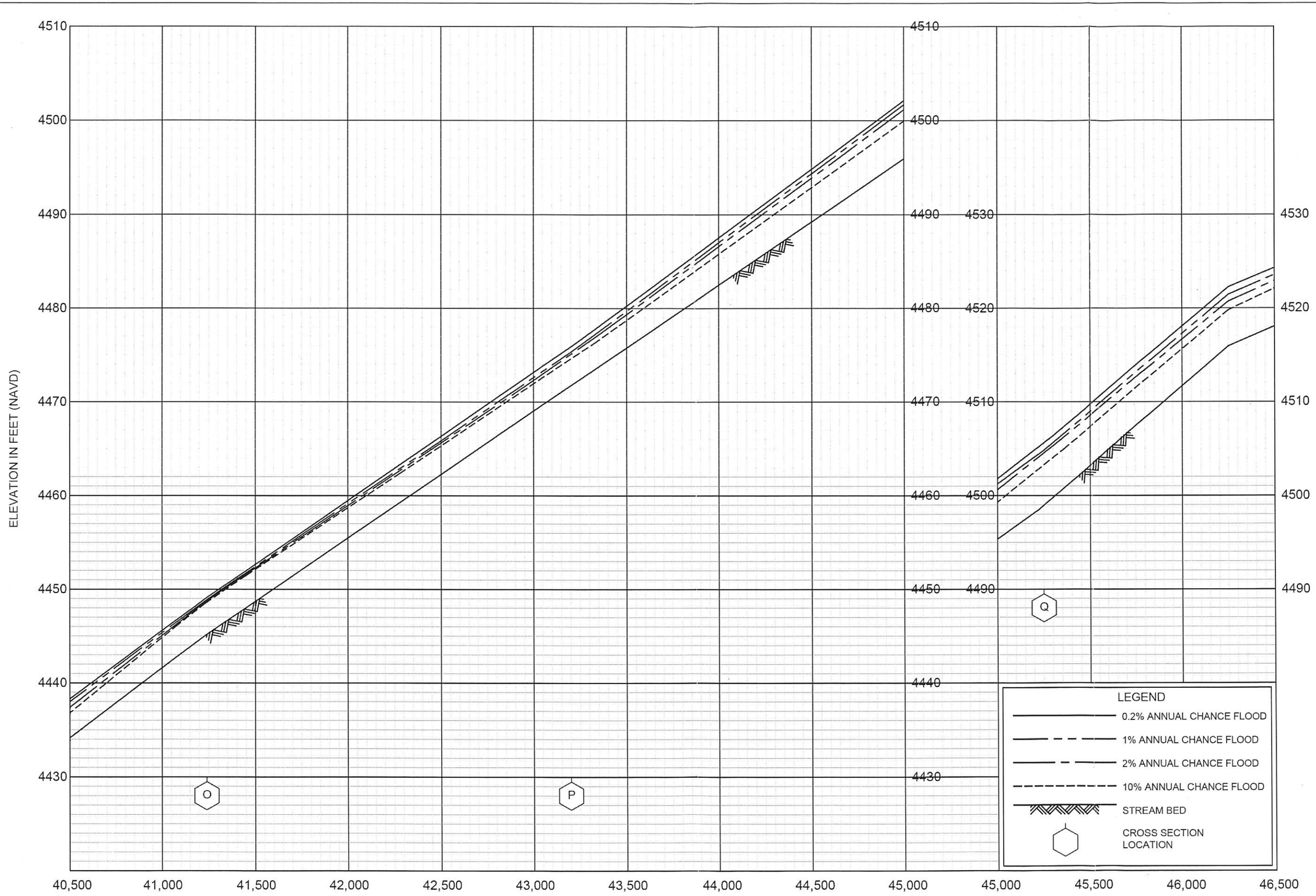

FLOOD PROFILES

BEAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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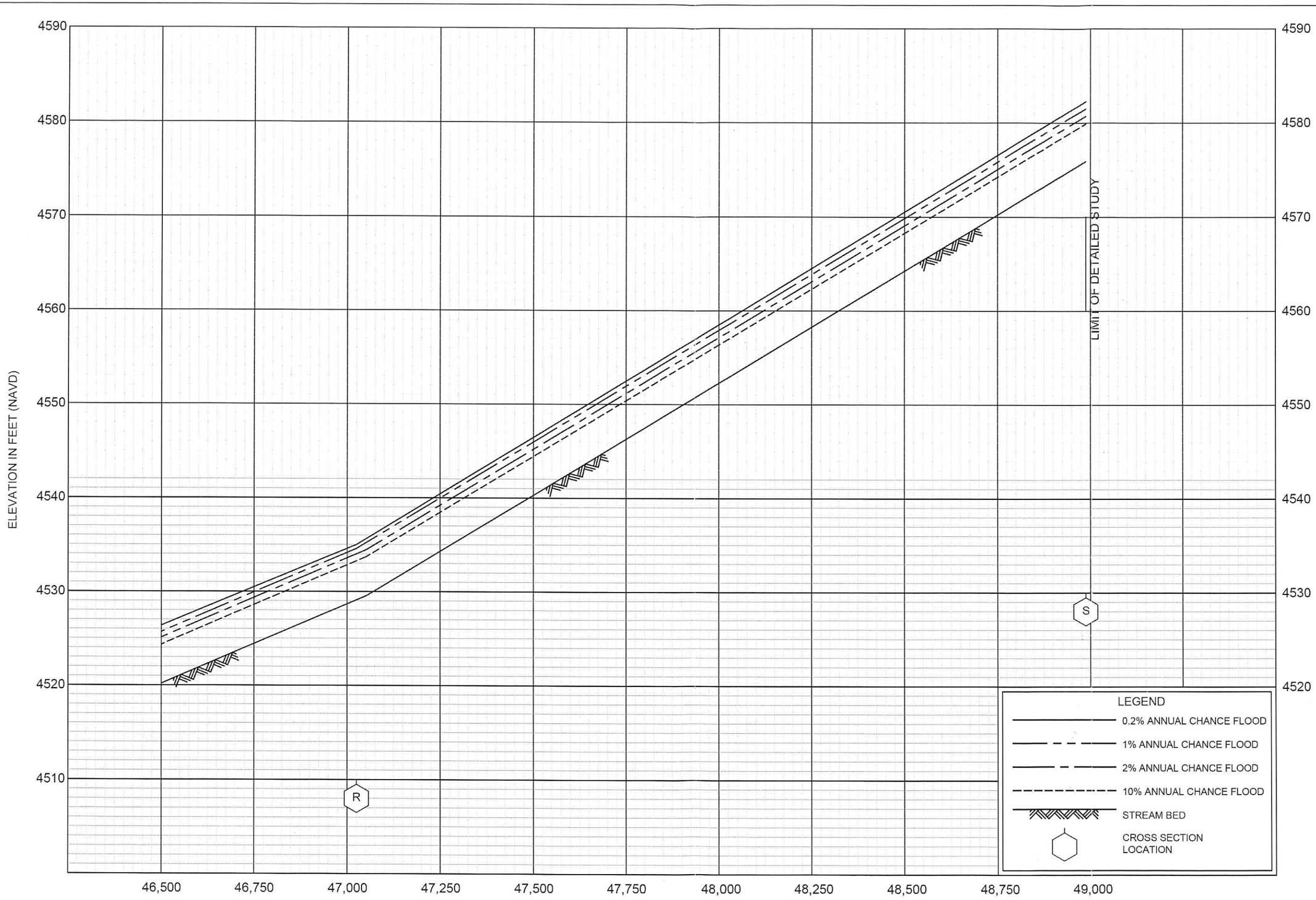

FLOOD PROFILES

BEAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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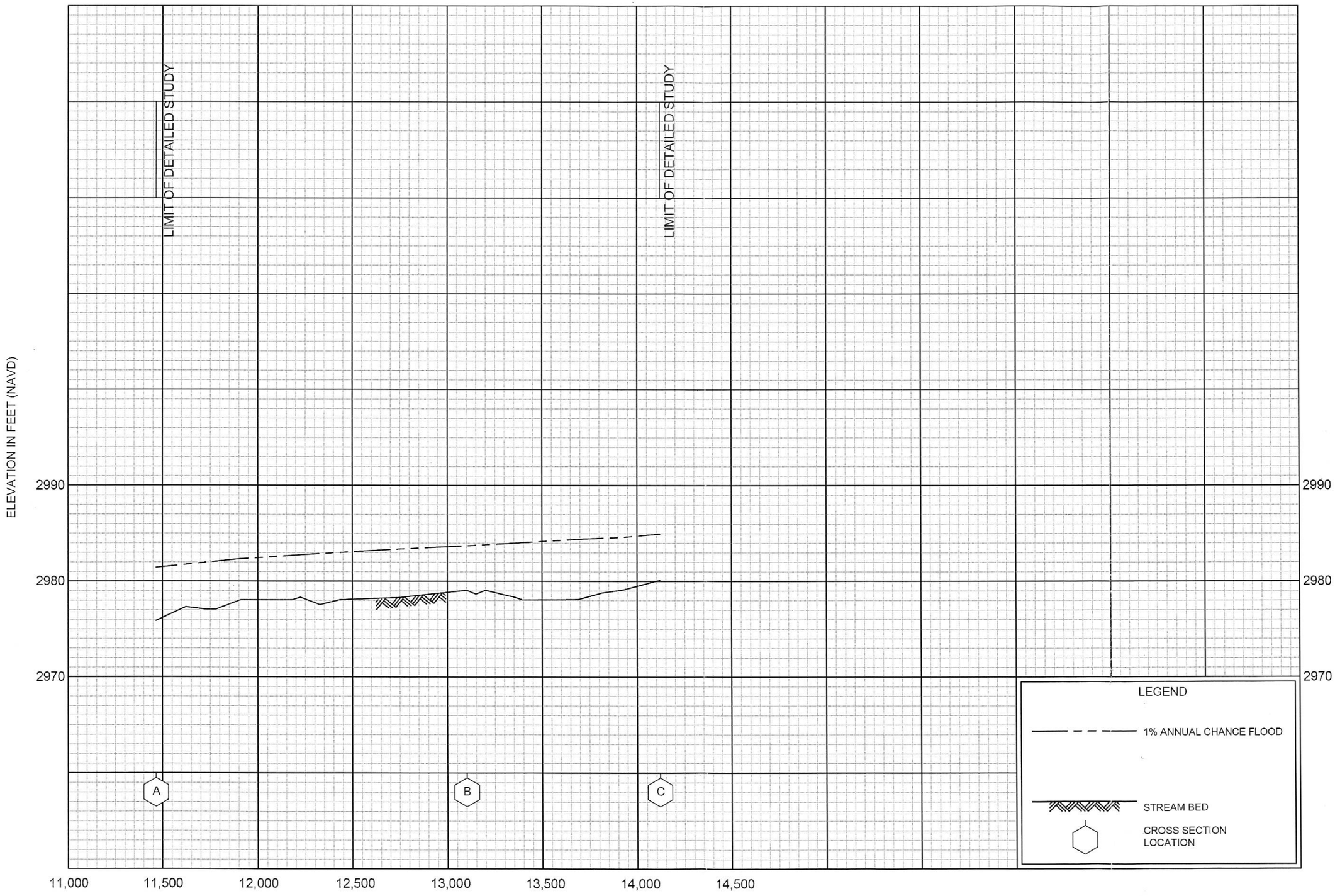

FLOOD PROFILES

BLAINE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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12P

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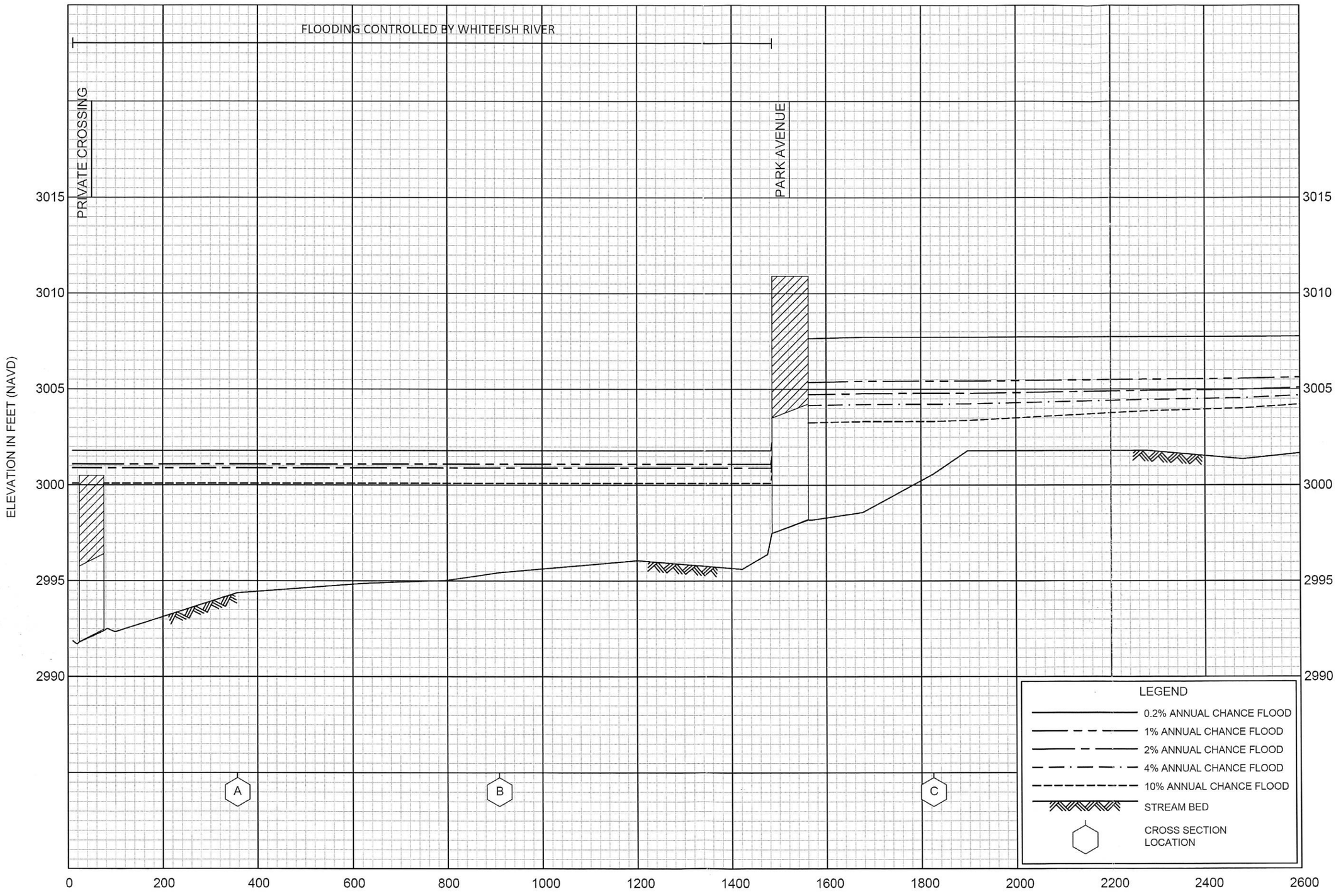

FLOOD PROFILES

COW CREEK AT WHITEFISH

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

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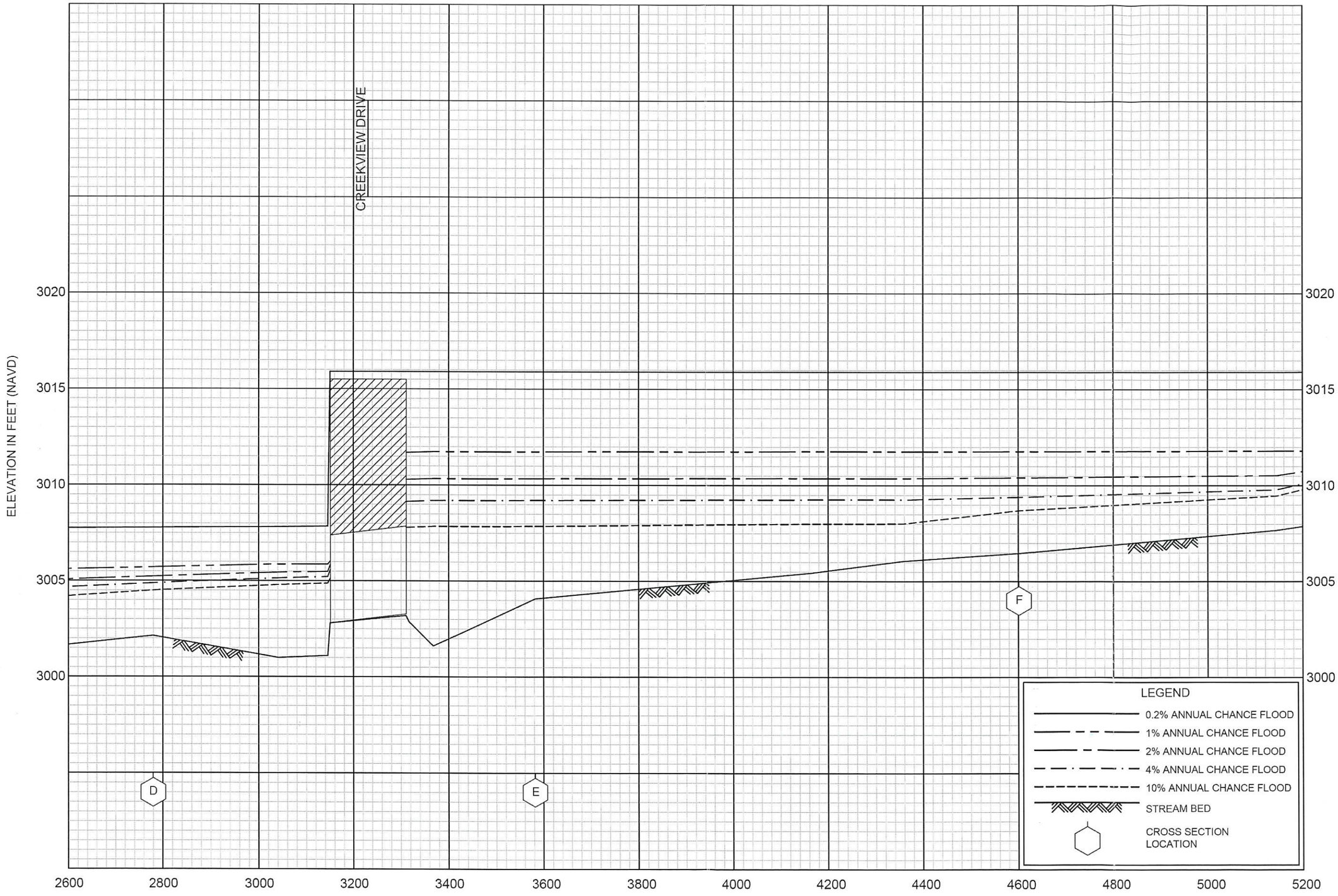

FLOOD PROFILES

COW CREEK AT WHITEFISH

FEDERAL EMERGENCY MANAGEMENT AGENCY

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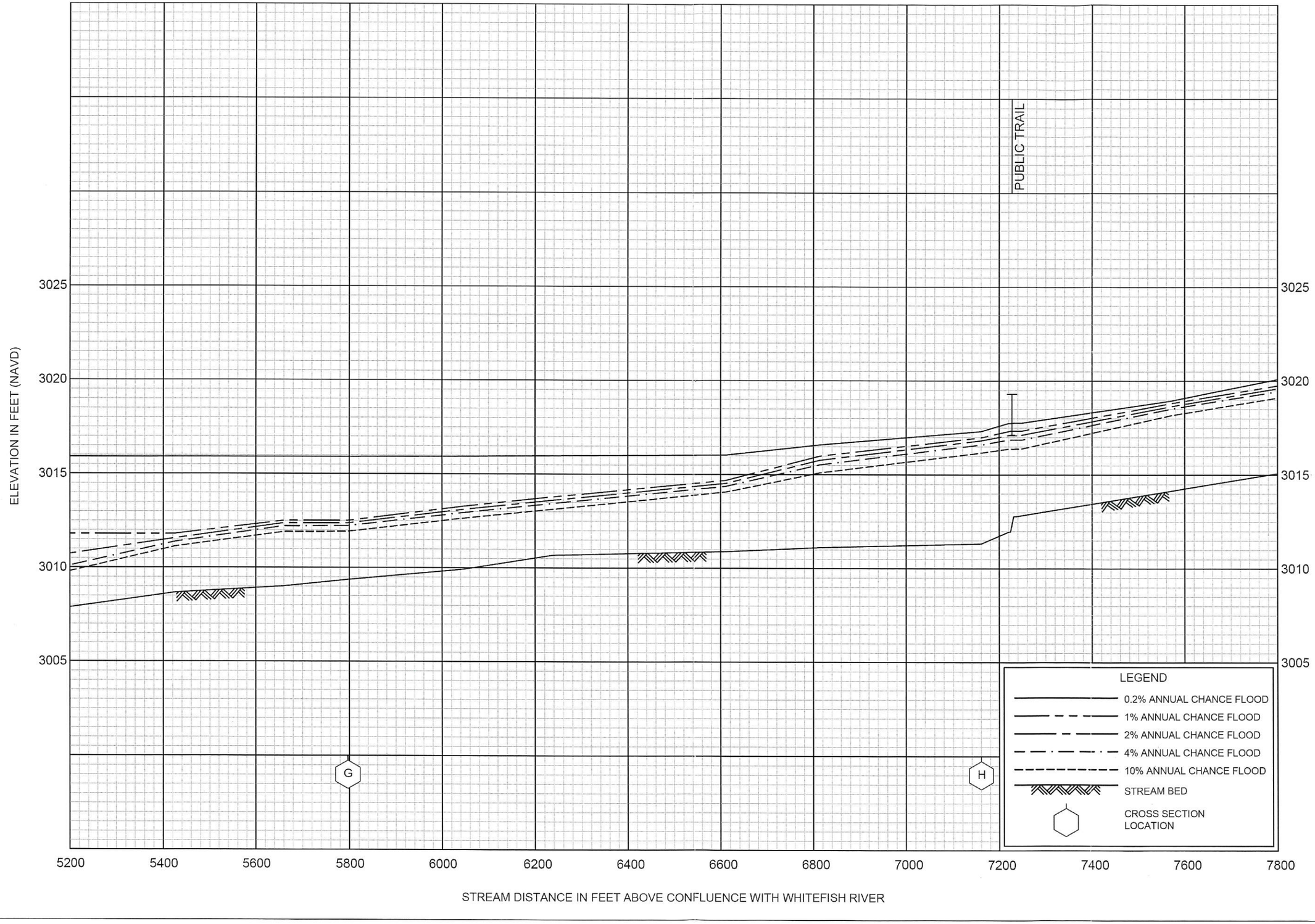

FLOOD PROFILES

COW CREEK AT WHITEFISH

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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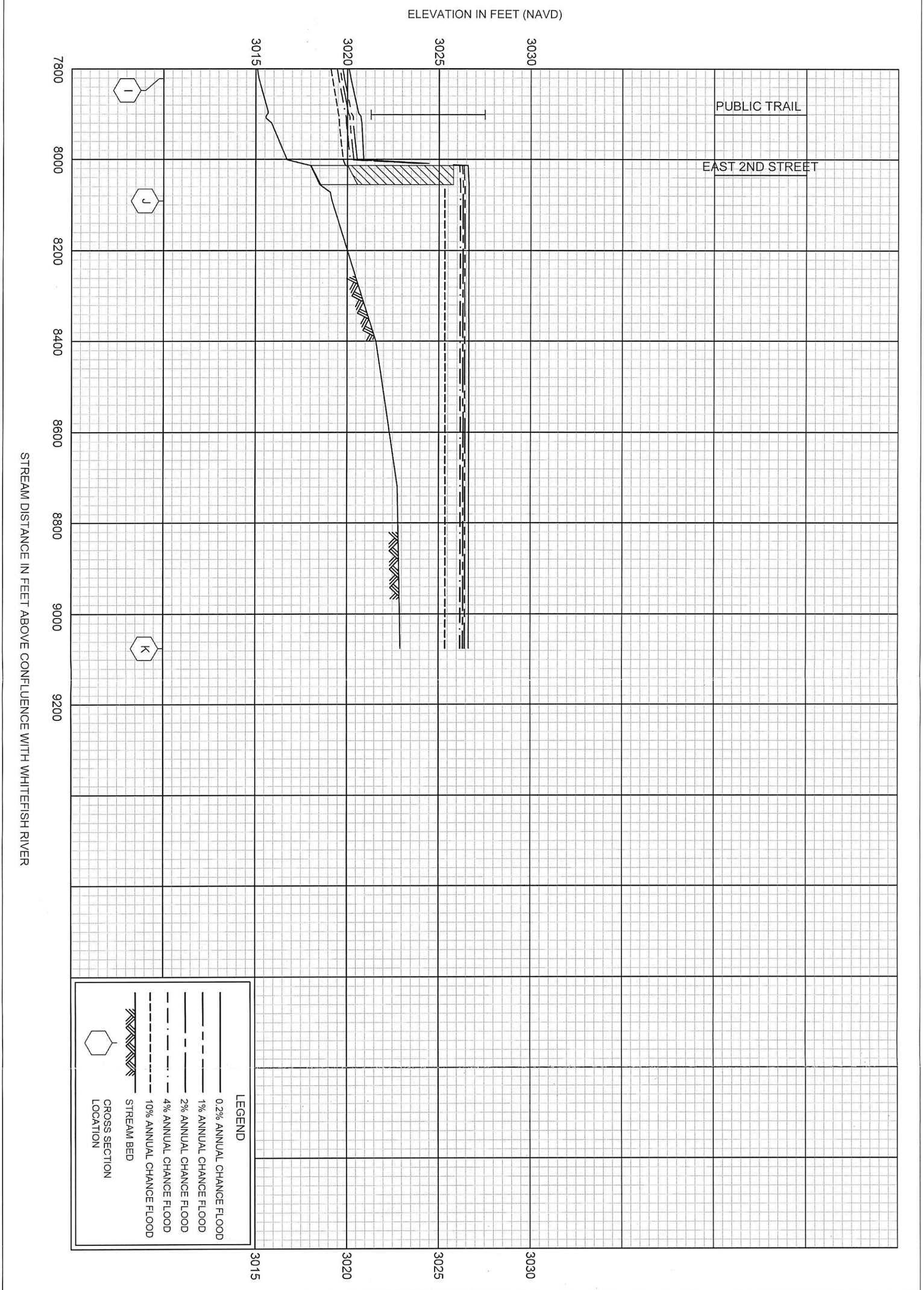

16P	FEDERAL EMERGENCY MANAGEMENT AGENCY FLATHEAD COUNTY, MT AND INCORPORATED AREAS	FLOOD PROFILES COW CREEK AT WHITEFISH

JUL 27 2005

1% ANNUAL CHANCE BACKWATER EFFECTS FROM FLATHEAD LAKE

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD)

2910
2900
2890
2860
2850
2840

A B C D E F G H I J K L M N O P Q

11,000 12,000 13,000 14,000 15,000 16,000 17,000 18,000 19,000 20,000 21,000 22,000 23,000 24,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH FLATHEAD LAKE

LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

17P

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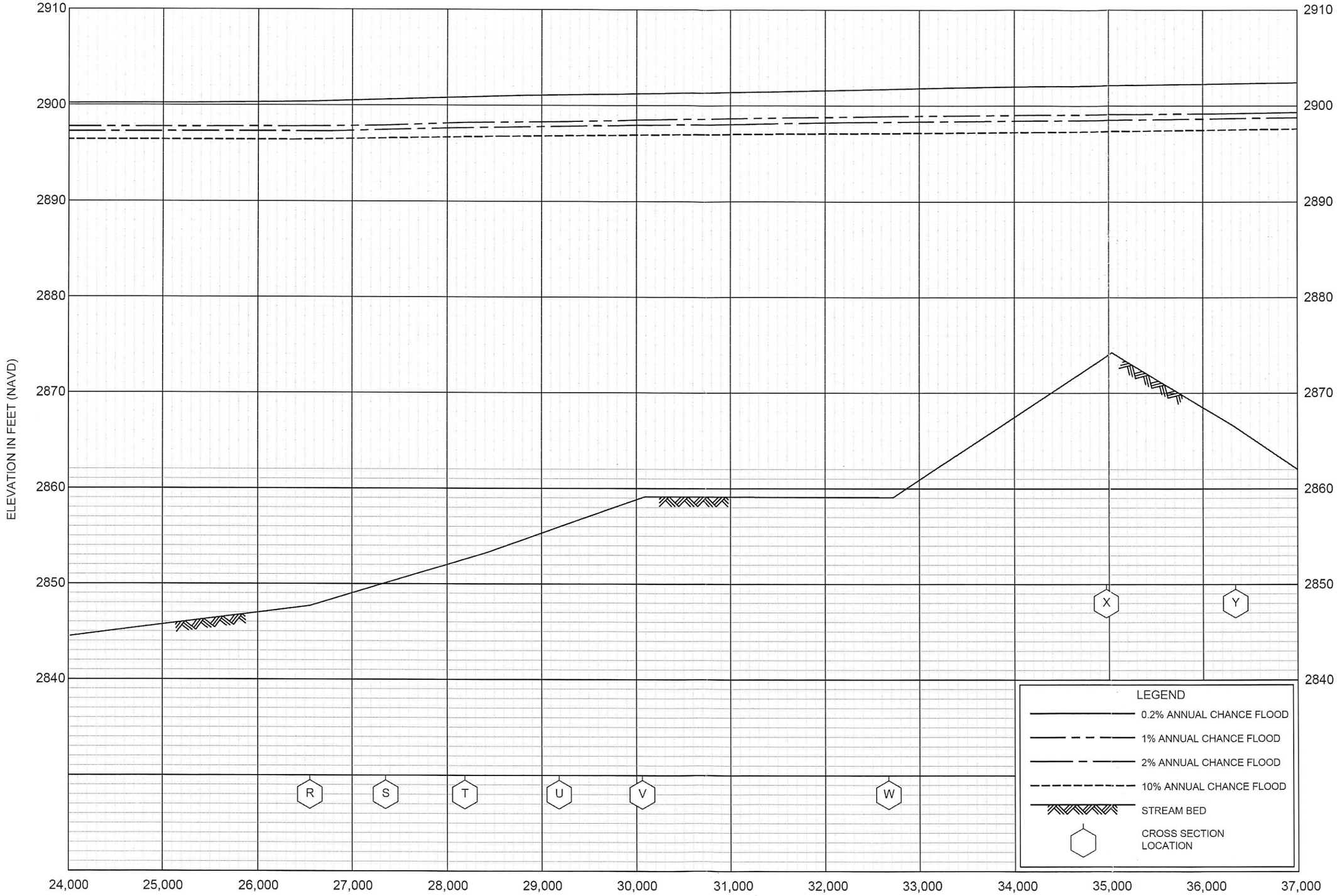


FLOOD PROFILES

FLATHEAD RIVER

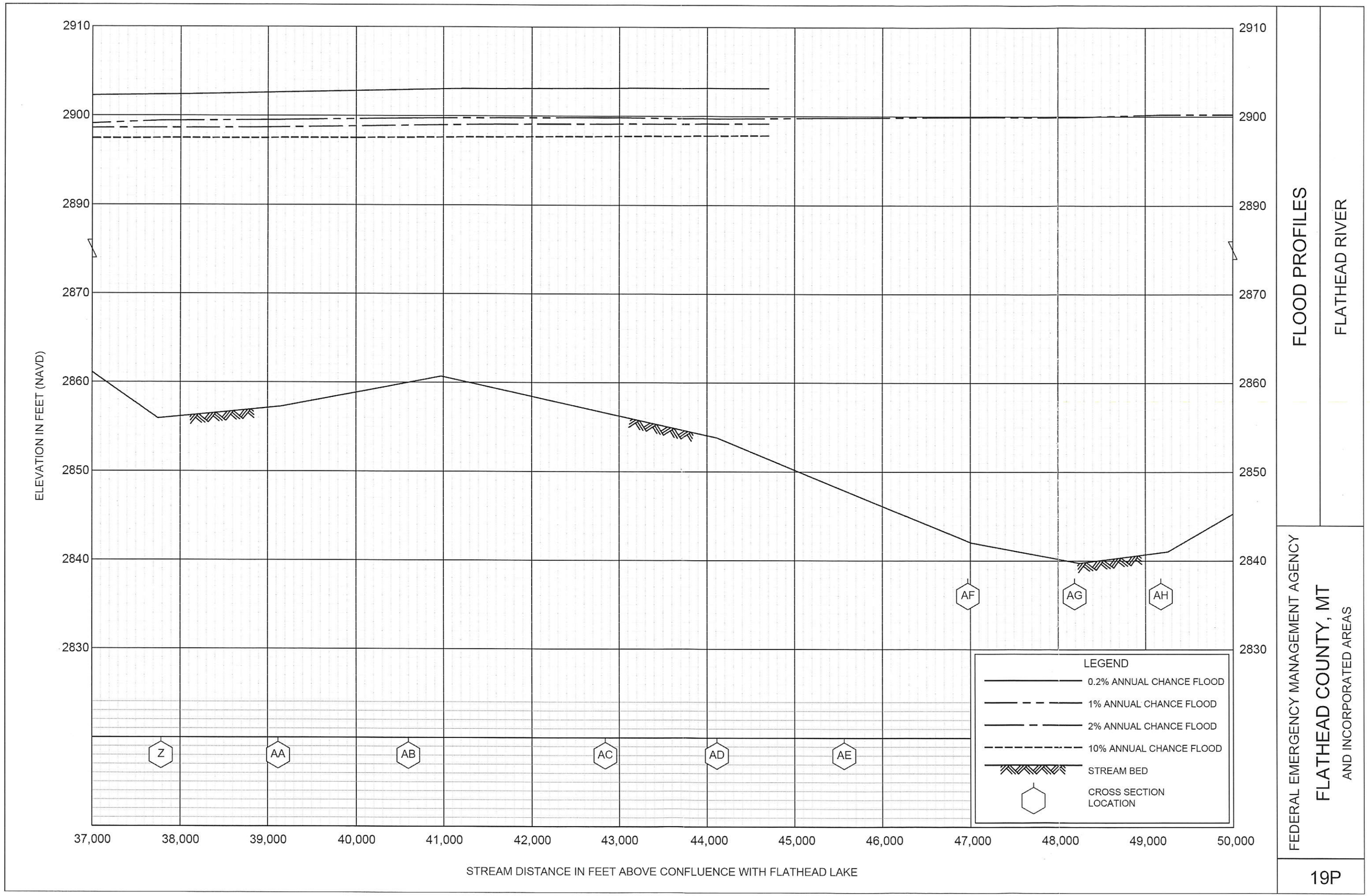
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

18P

JUL 27 2015



FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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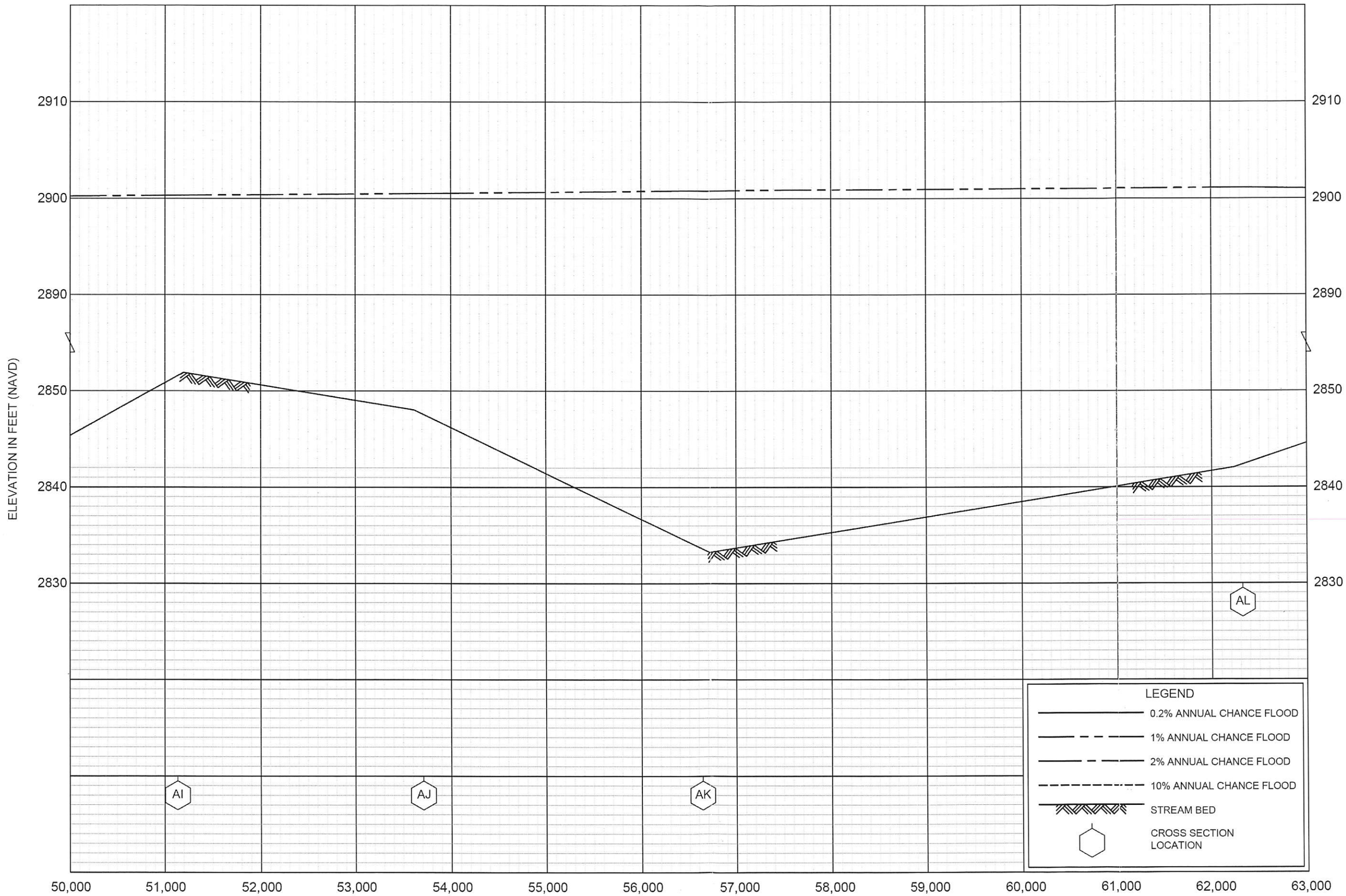
19P

JUL 27 2015



FLOOD PROFILES

FLATHEAD RIVER

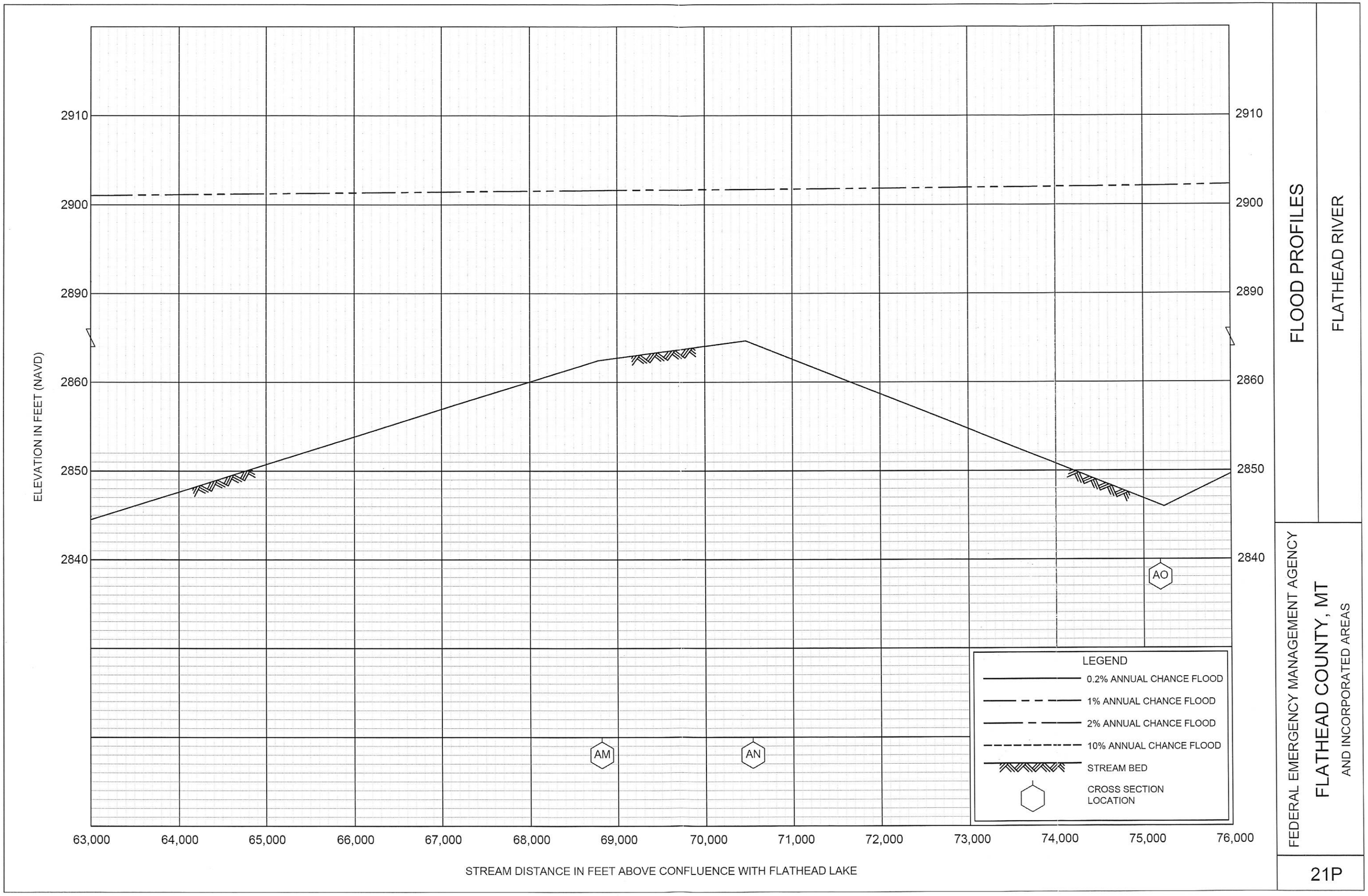
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

20P

JUL 2 7 2015



FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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21P

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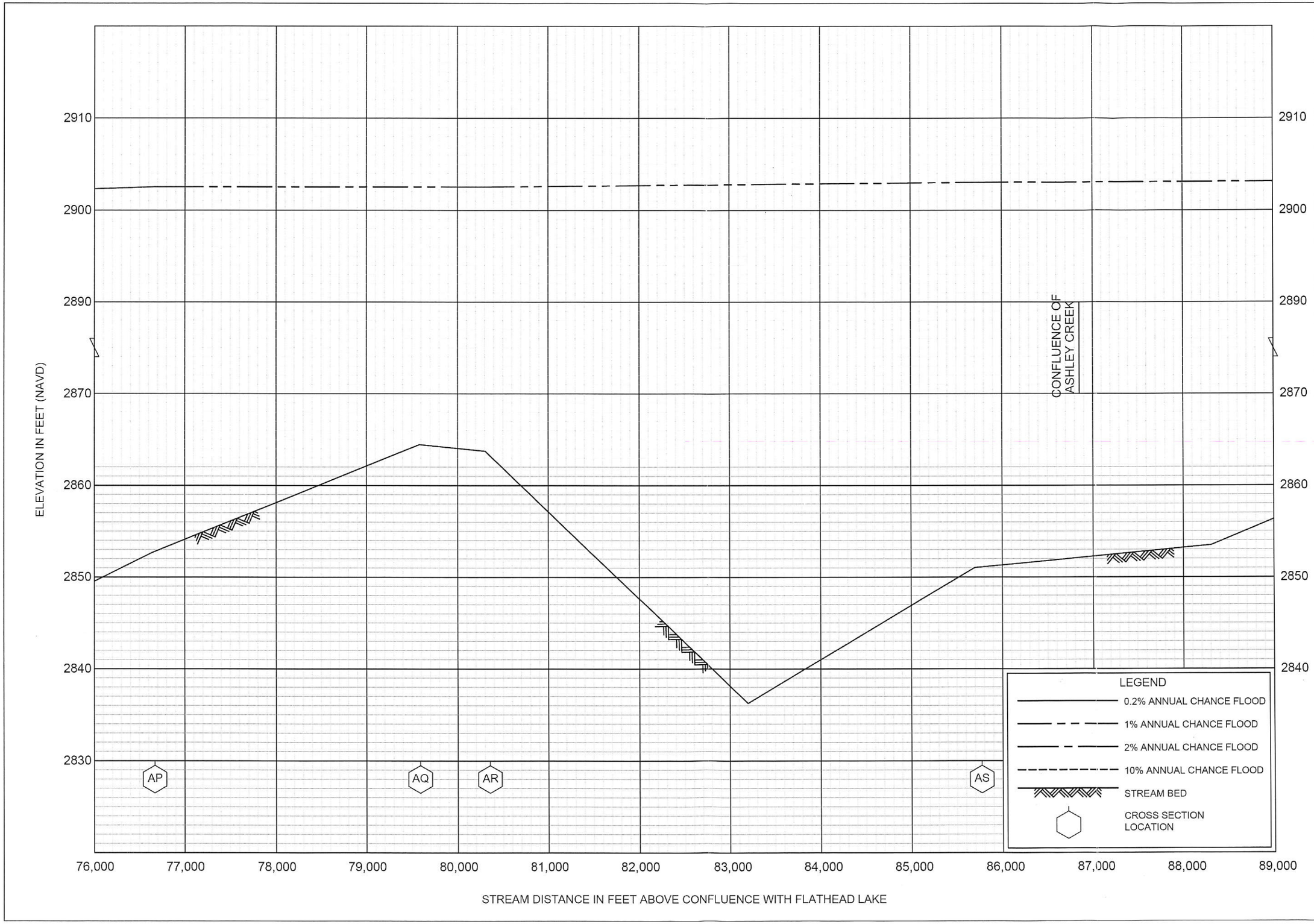

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

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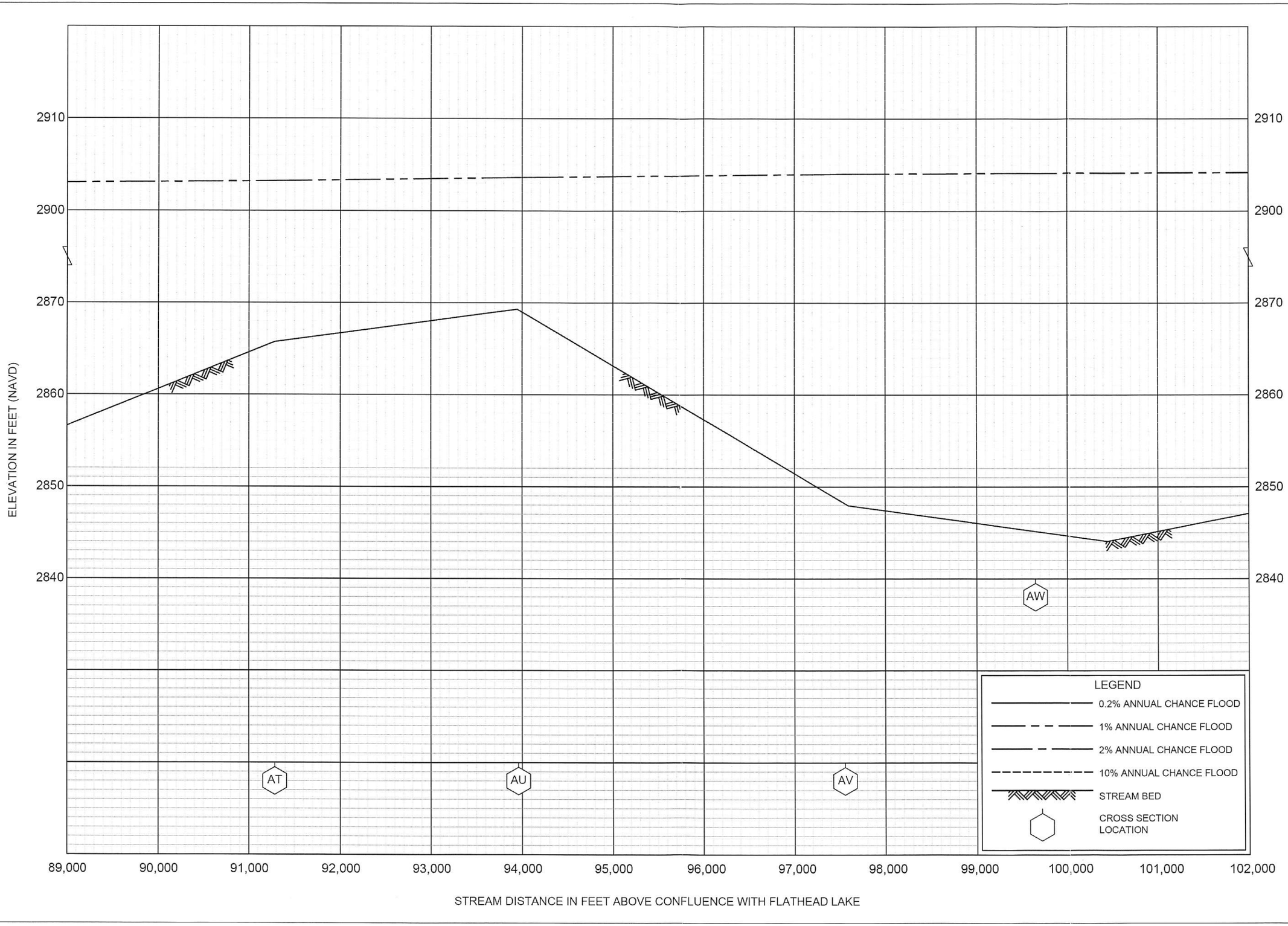
22P

JUL 27 2015



FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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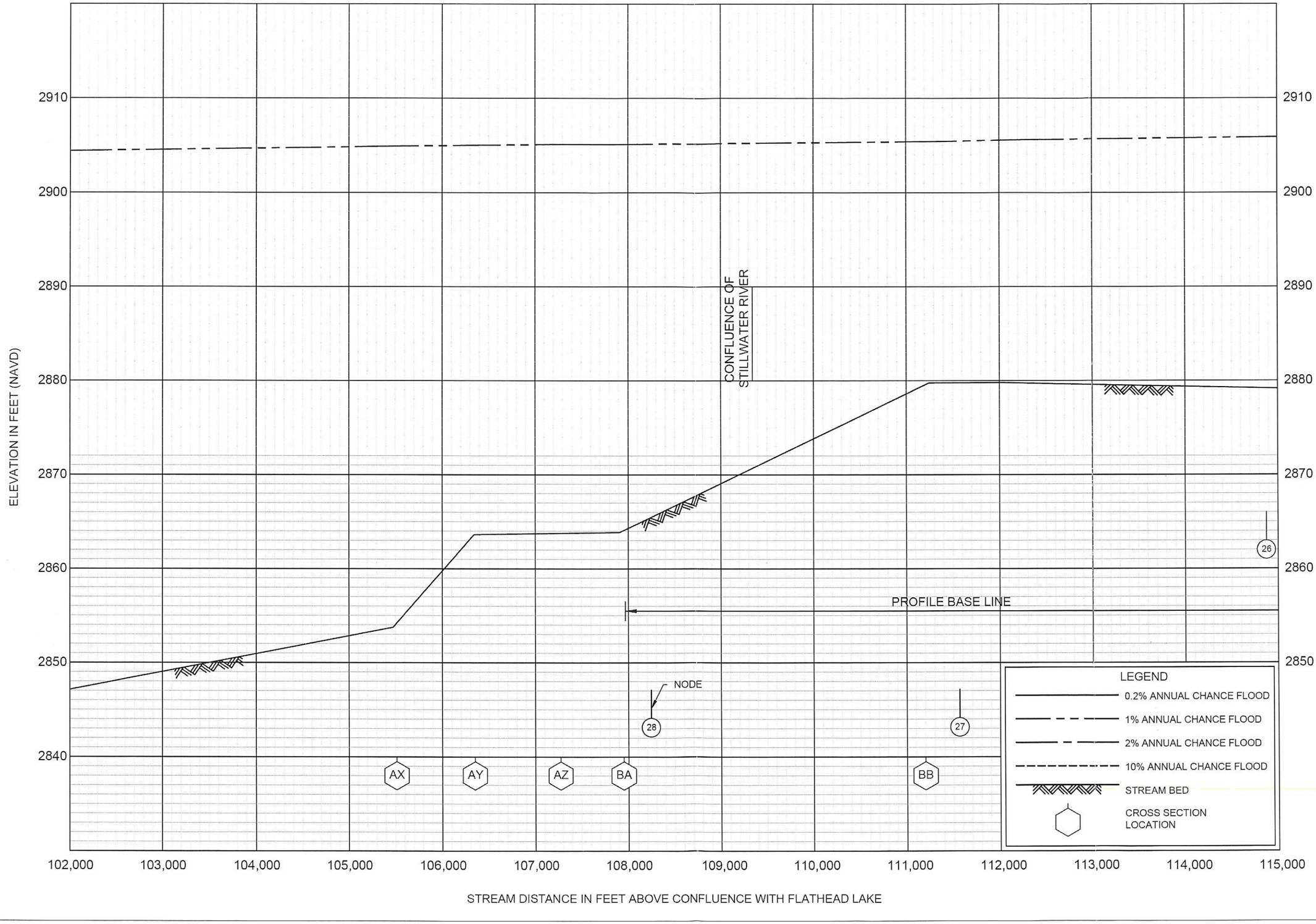

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

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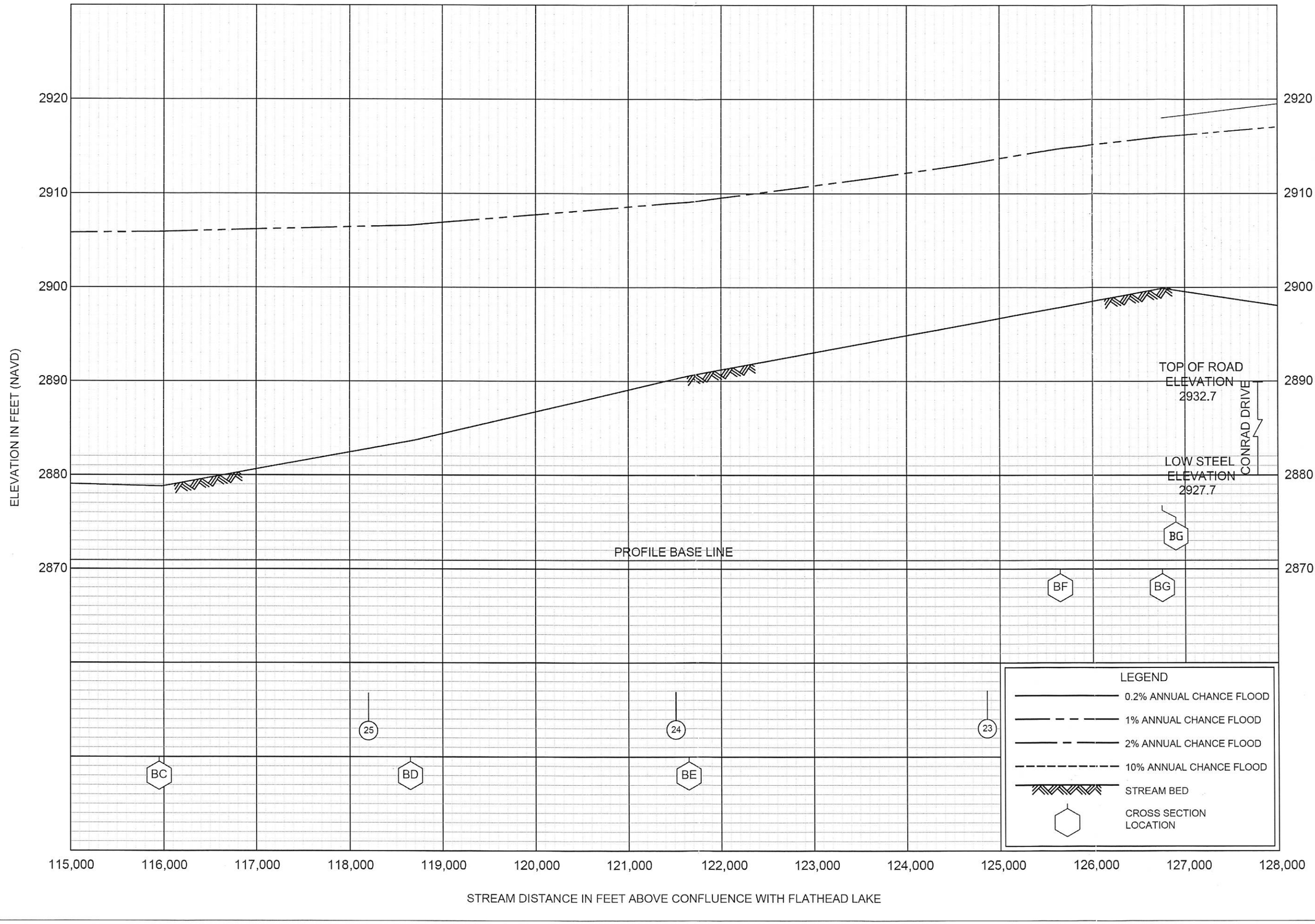

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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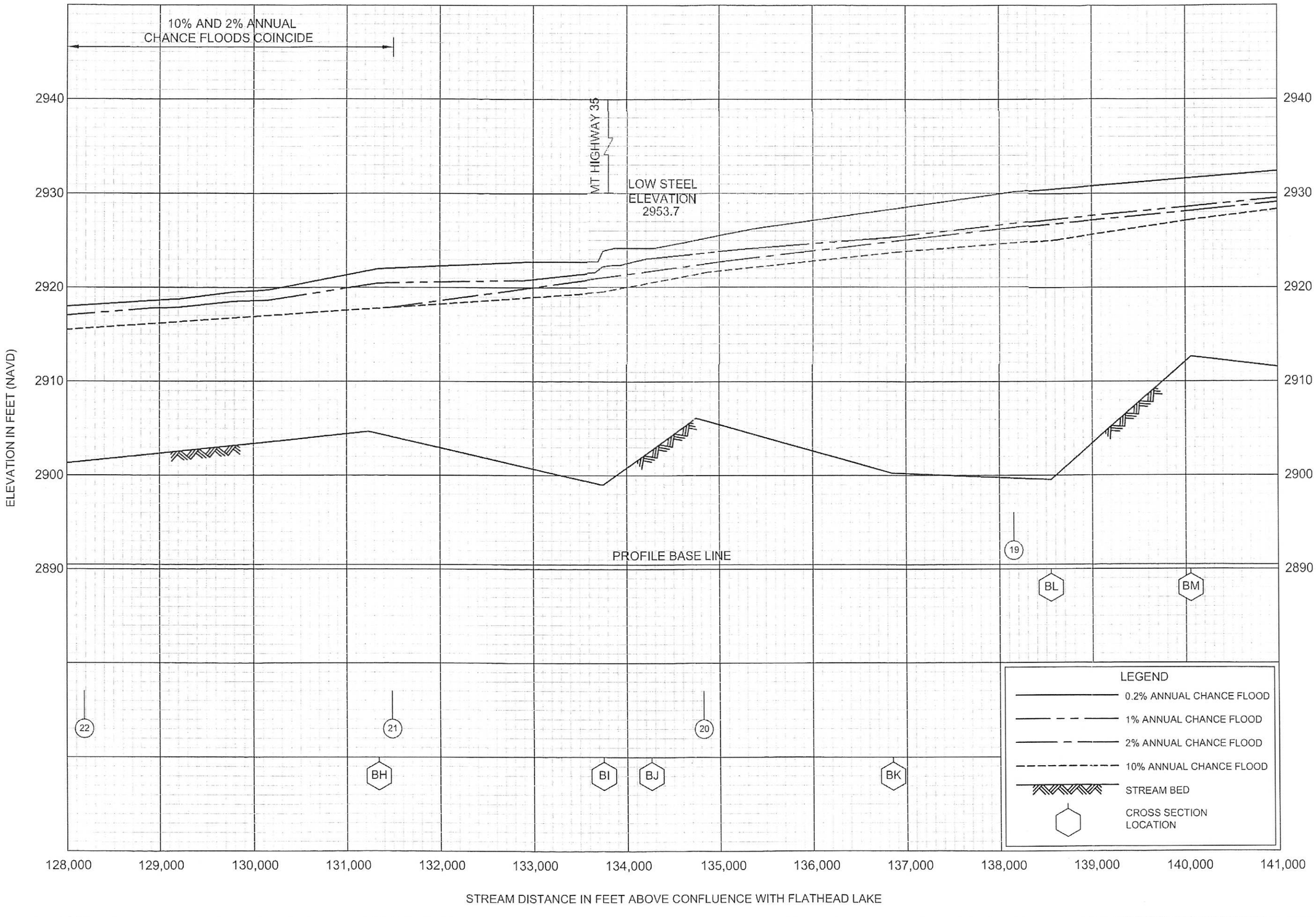

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

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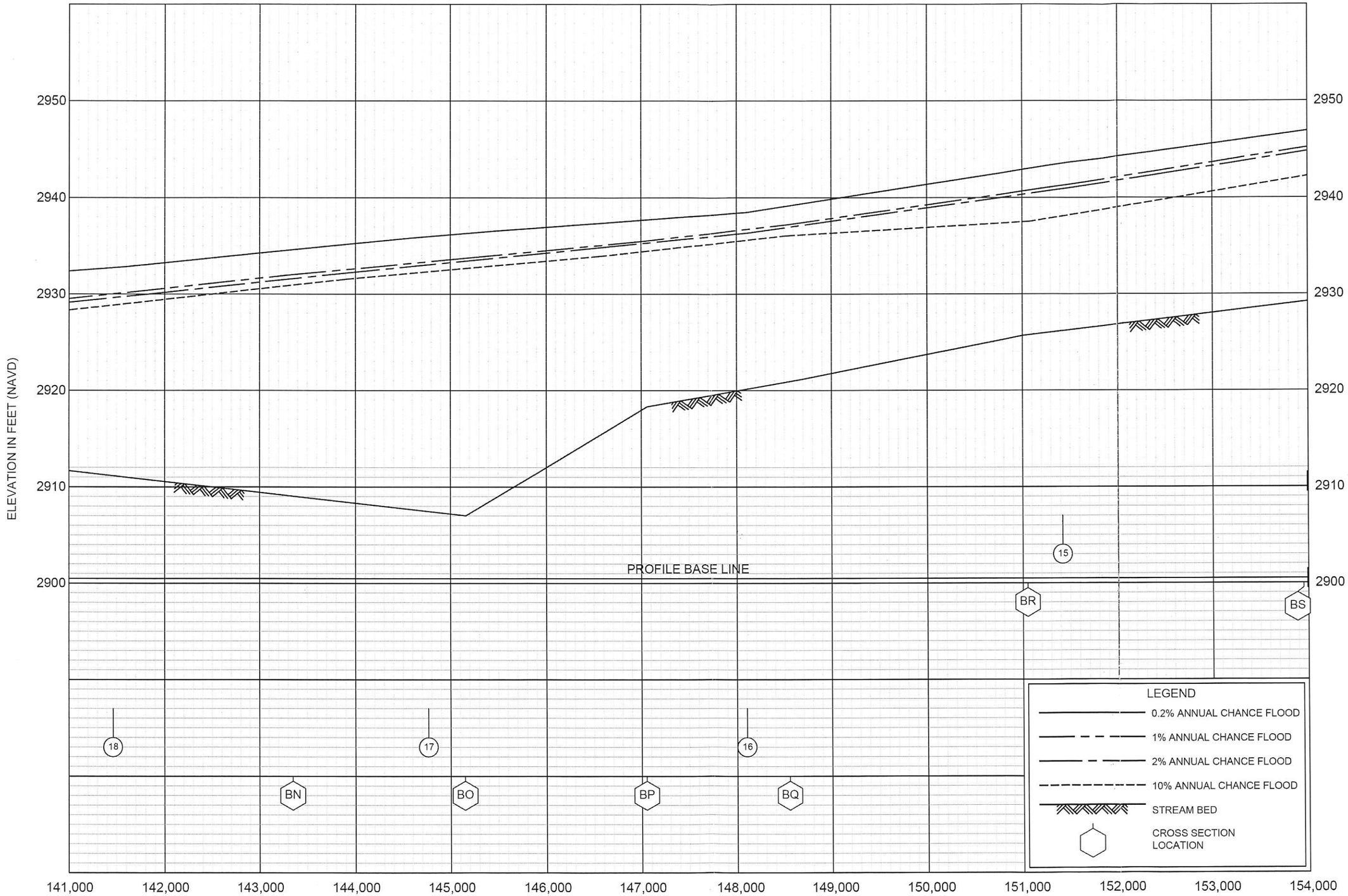

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FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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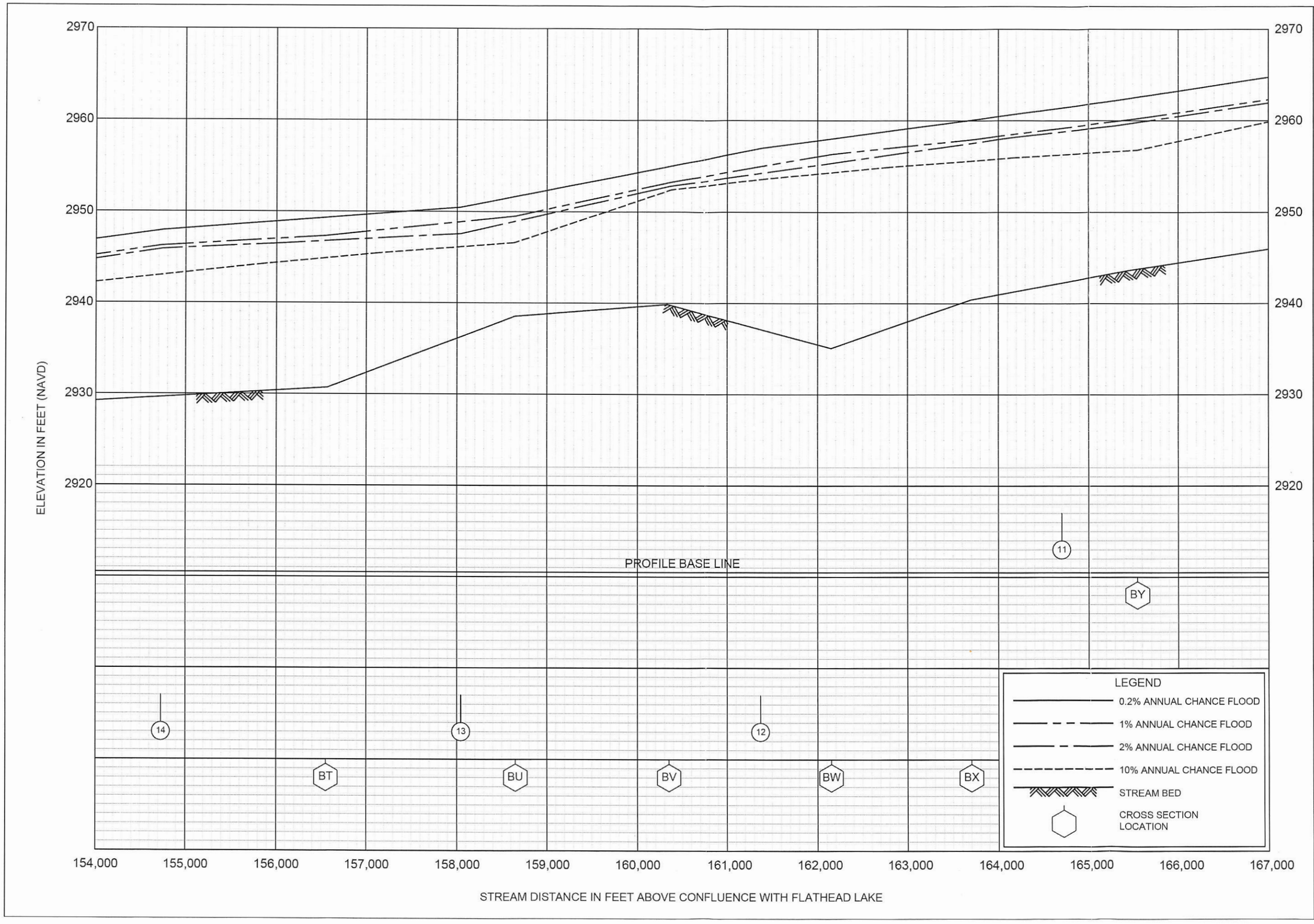

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FLATHEAD COUNTY, MT

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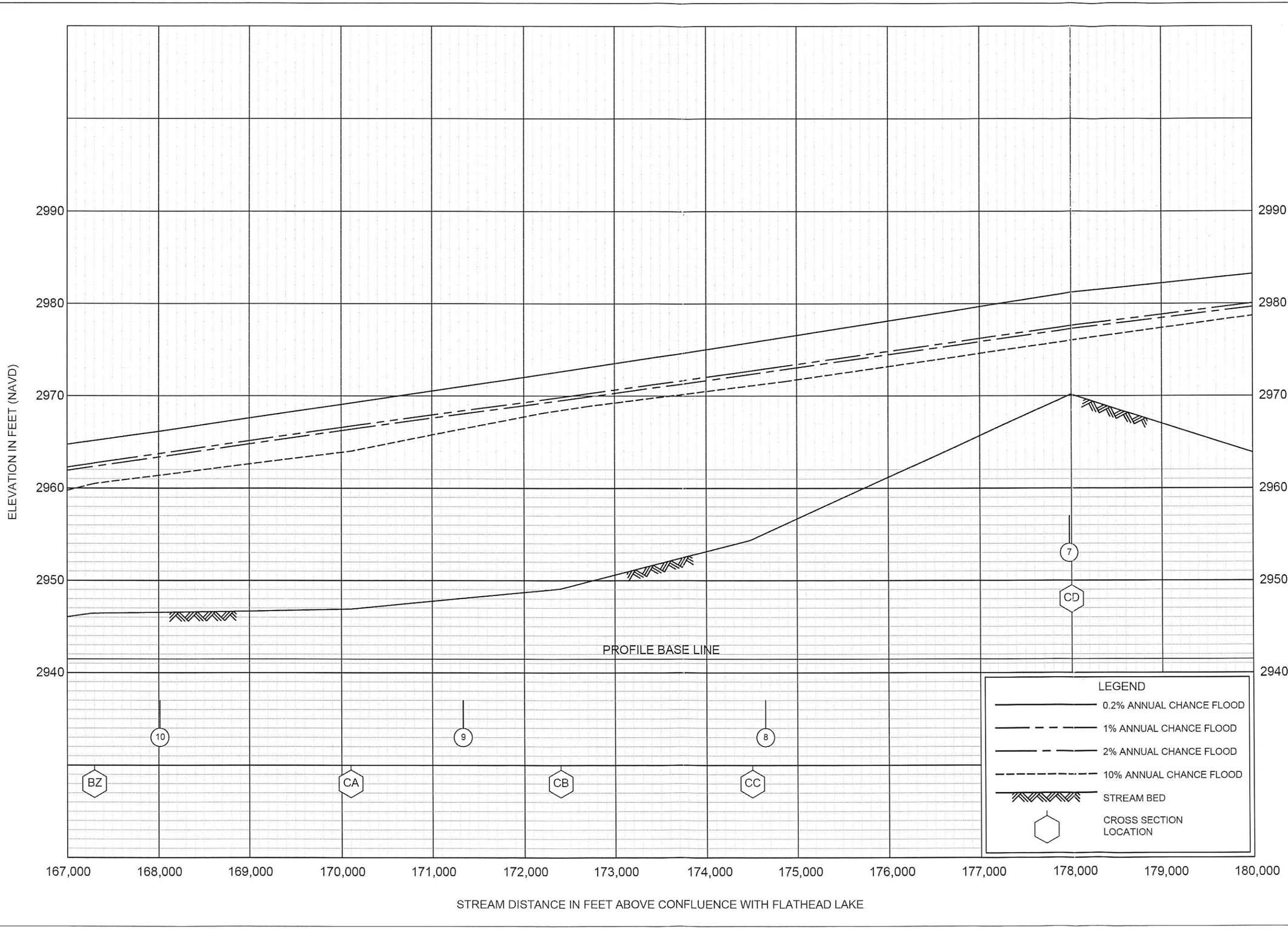

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FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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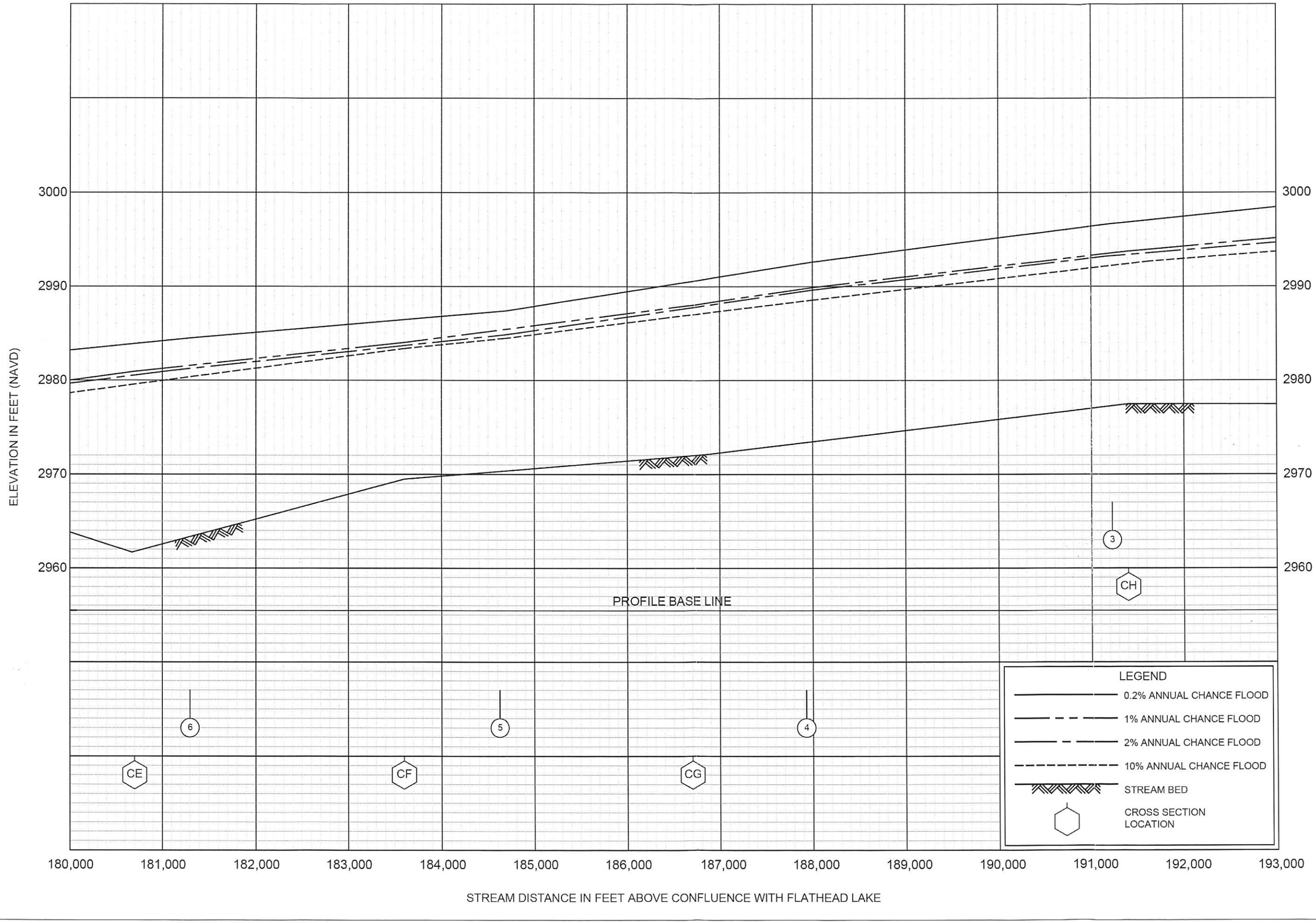

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FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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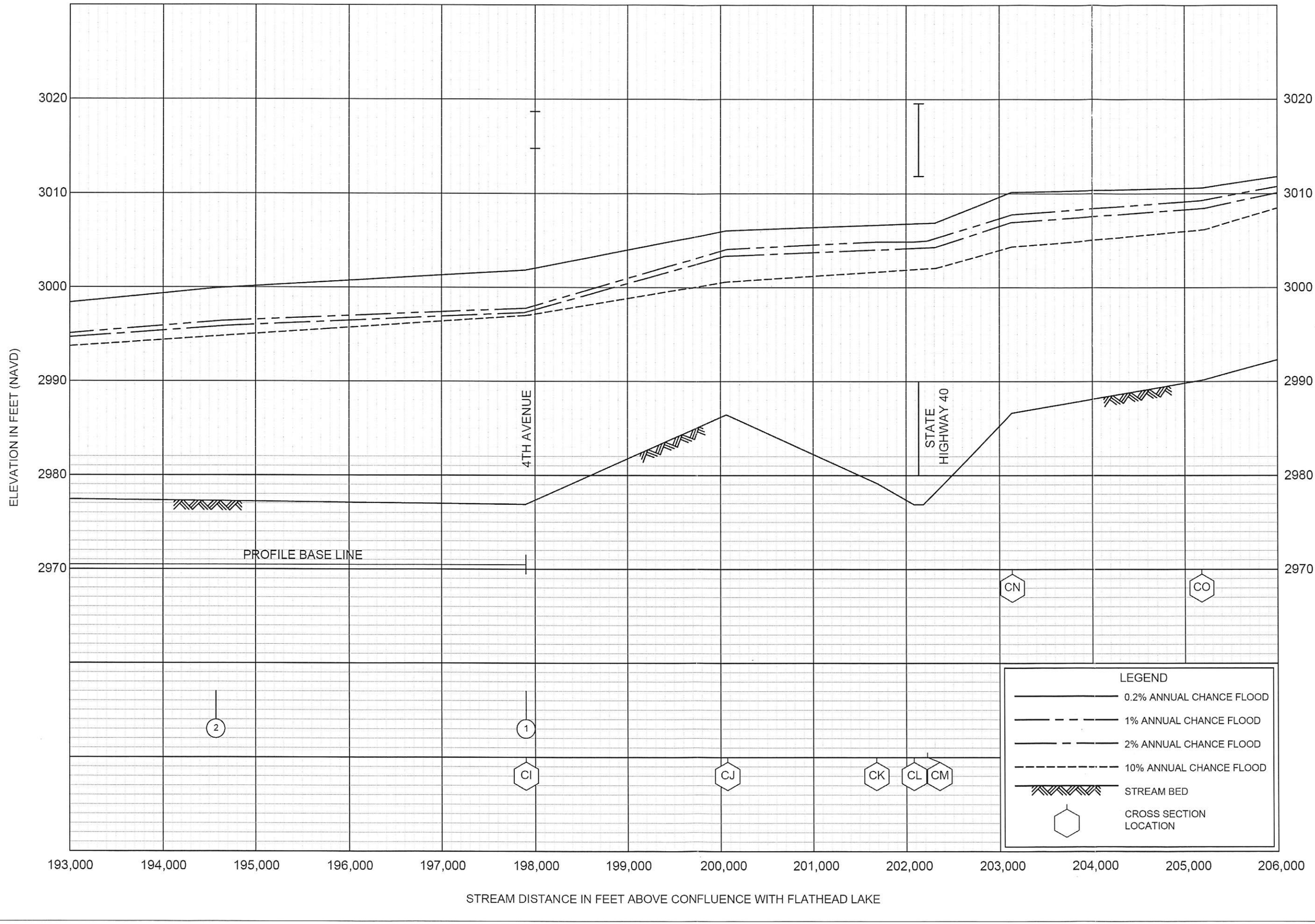

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FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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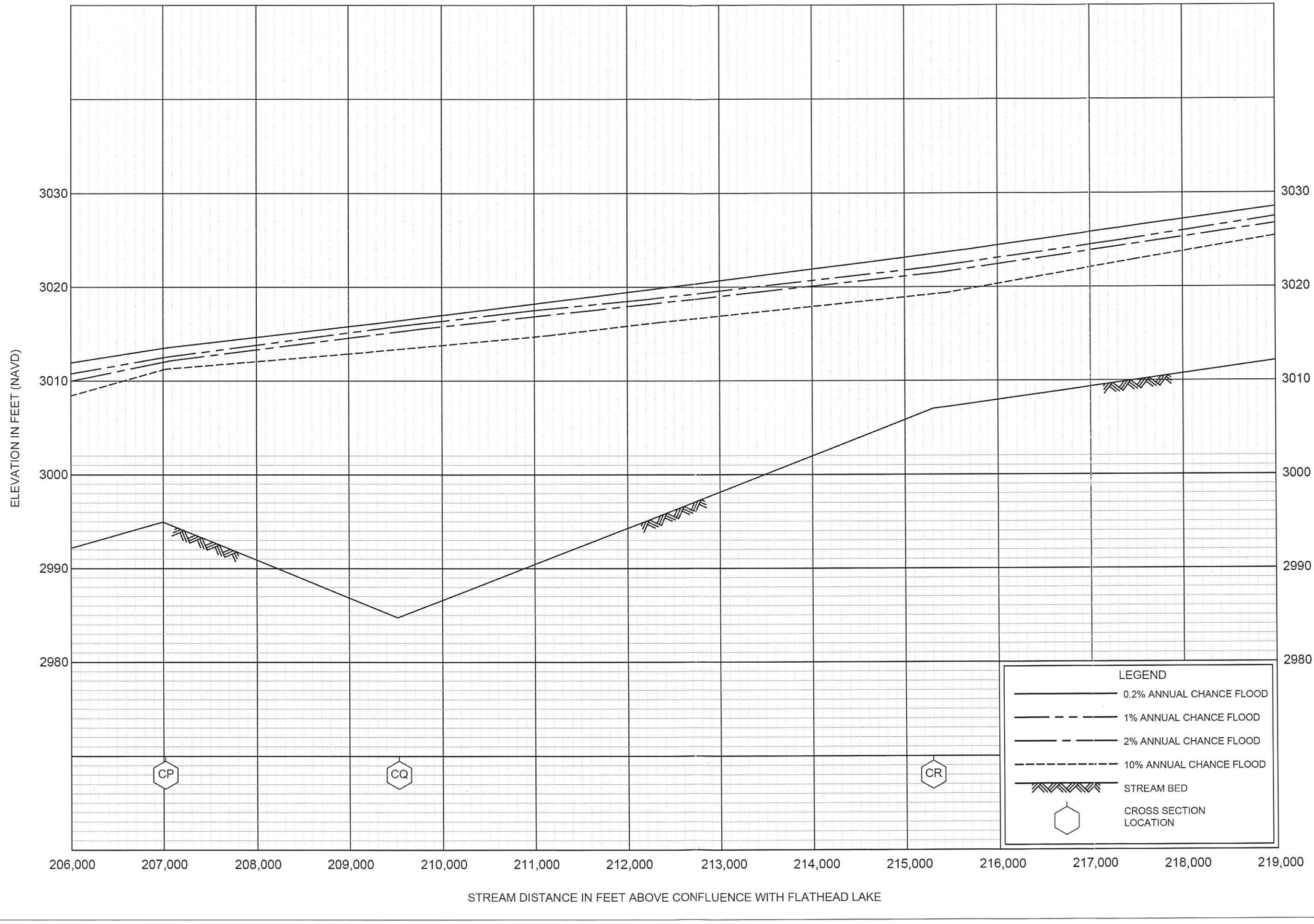

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

32P

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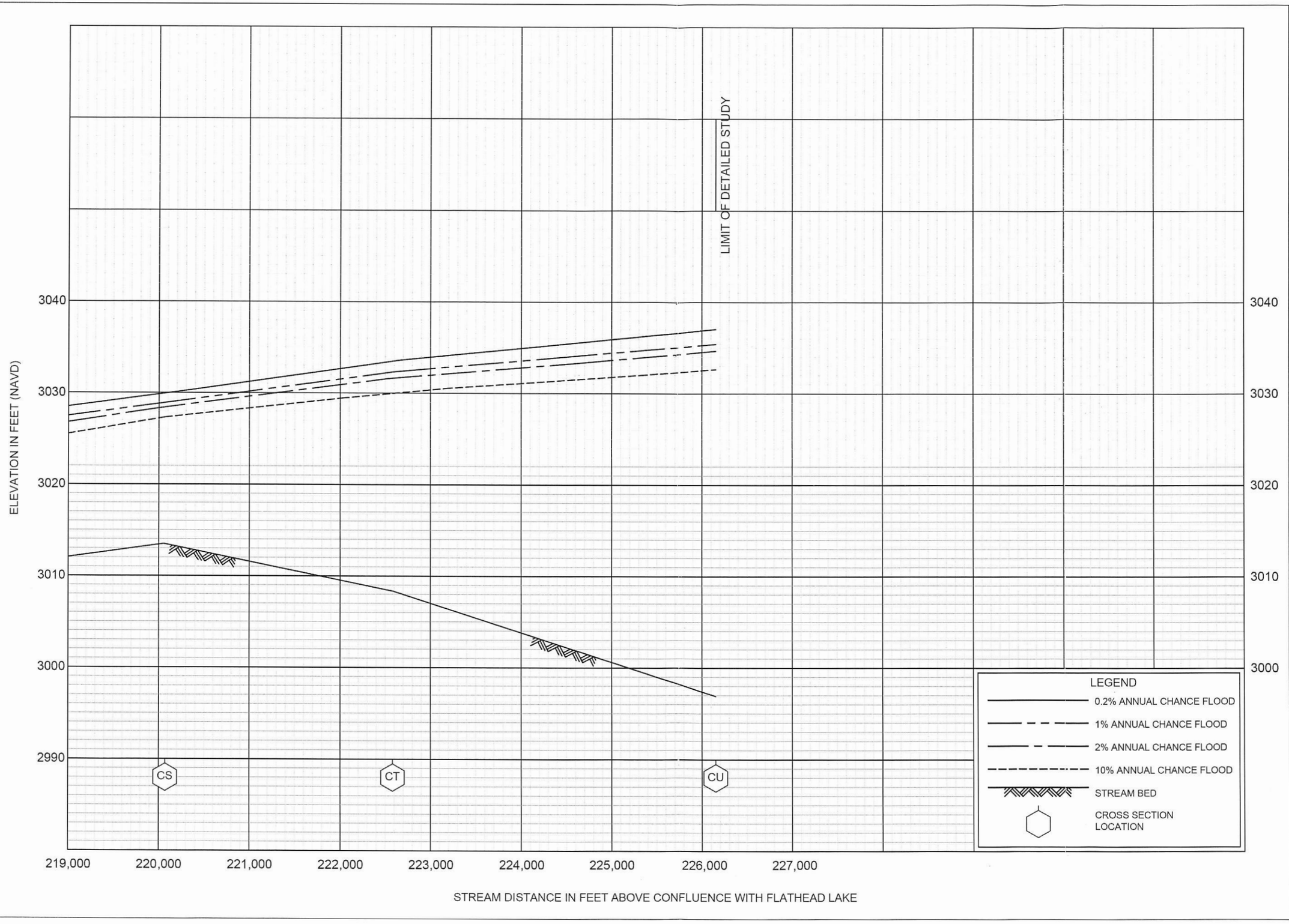

FLOOD PROFILES

FLATHEAD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

33P

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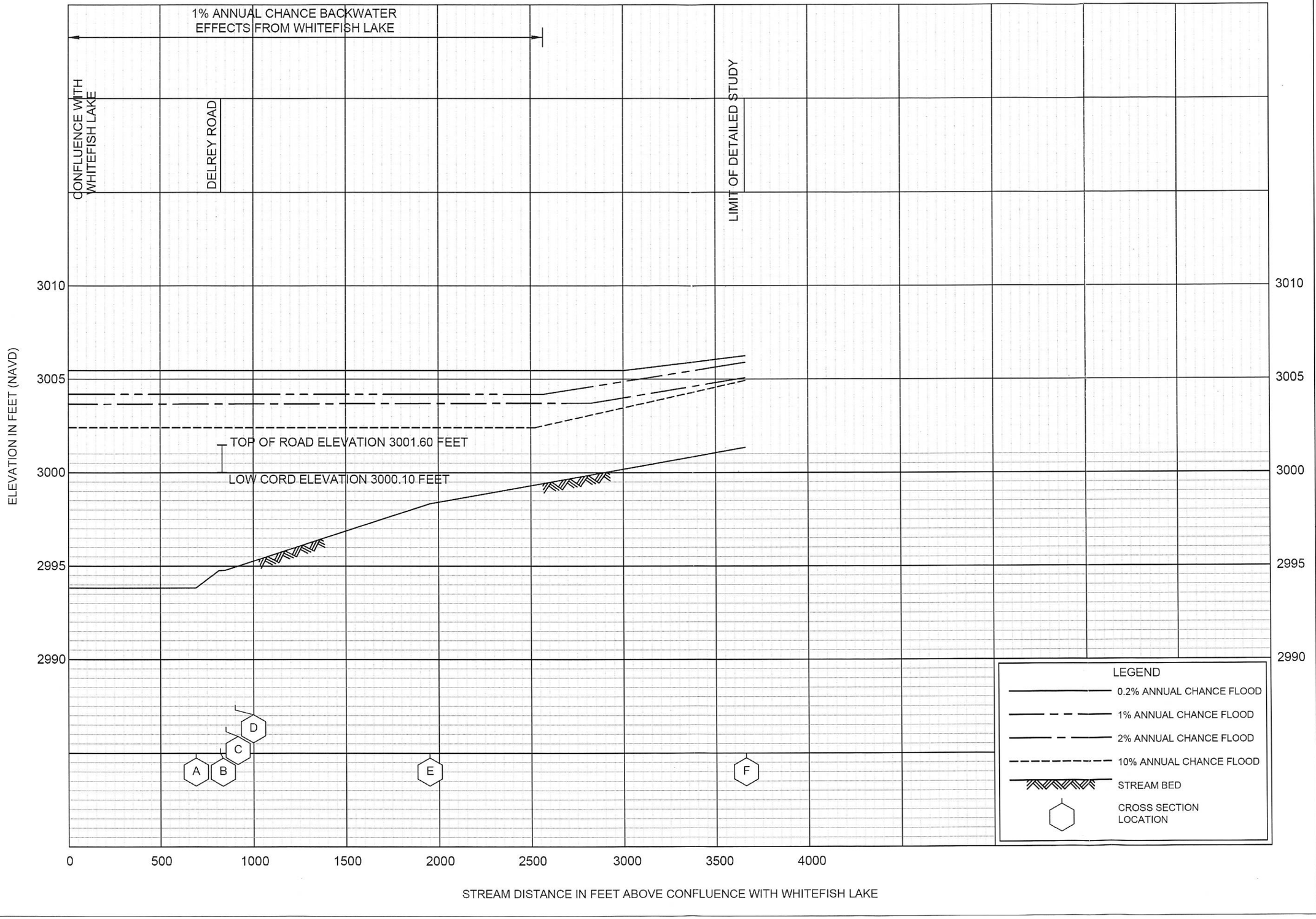

FLOOD PROFILES

LAZY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

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34P

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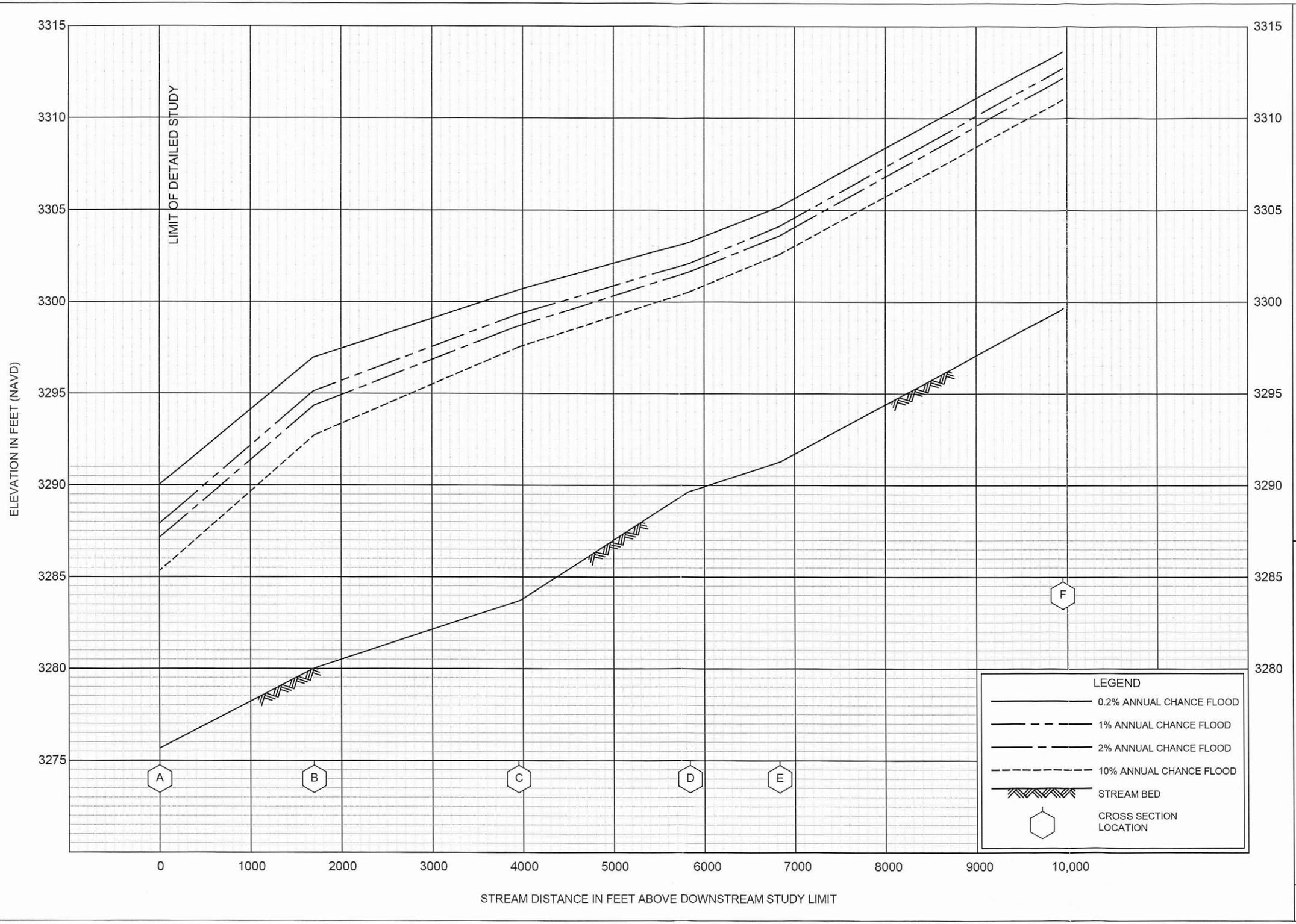


FLOOD PROFILES

MIDDLE FORK FLATHEAD RIVER AT NYACK

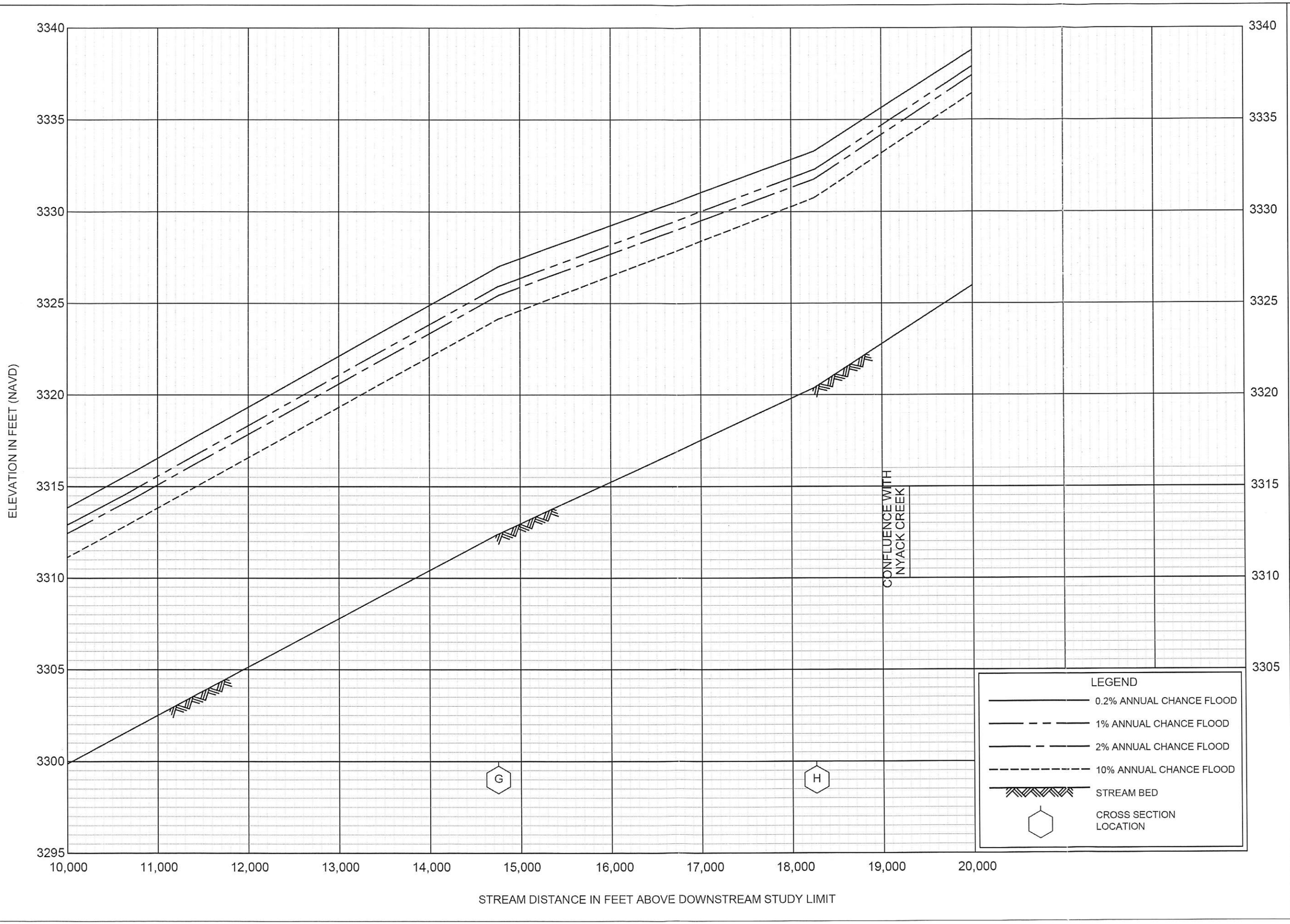
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

35P

JUL 2 7 2015



FLOOD PROFILES

MIDDLE FORK FLATHEAD RIVER AT NYACK

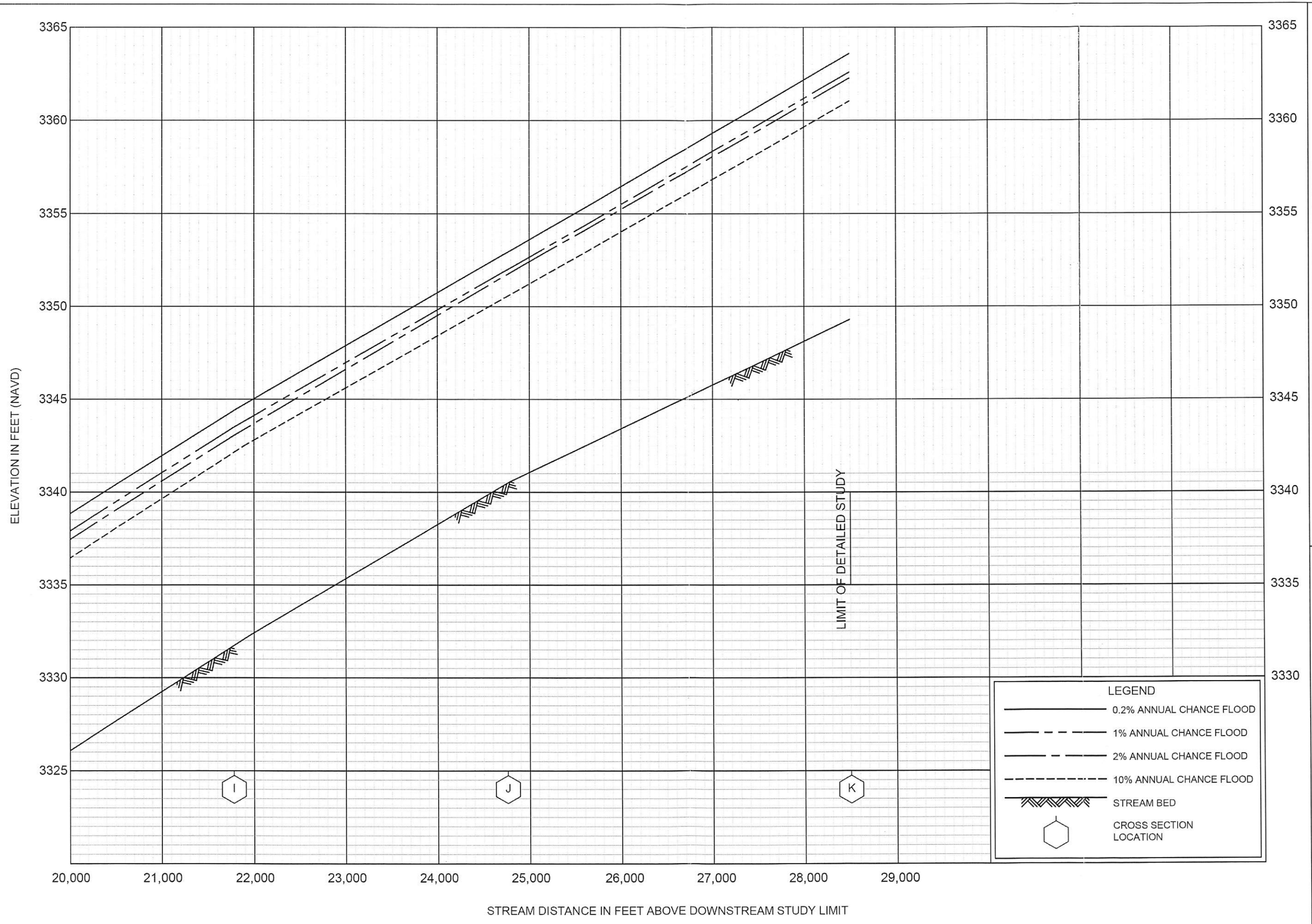
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

36P

JUL 27 2015



FLOOD PROFILES

MIDDLE FORK FLATHEAD RIVER AT NYACK

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

37P

JUL 27 2015

FLOOD PROFILES

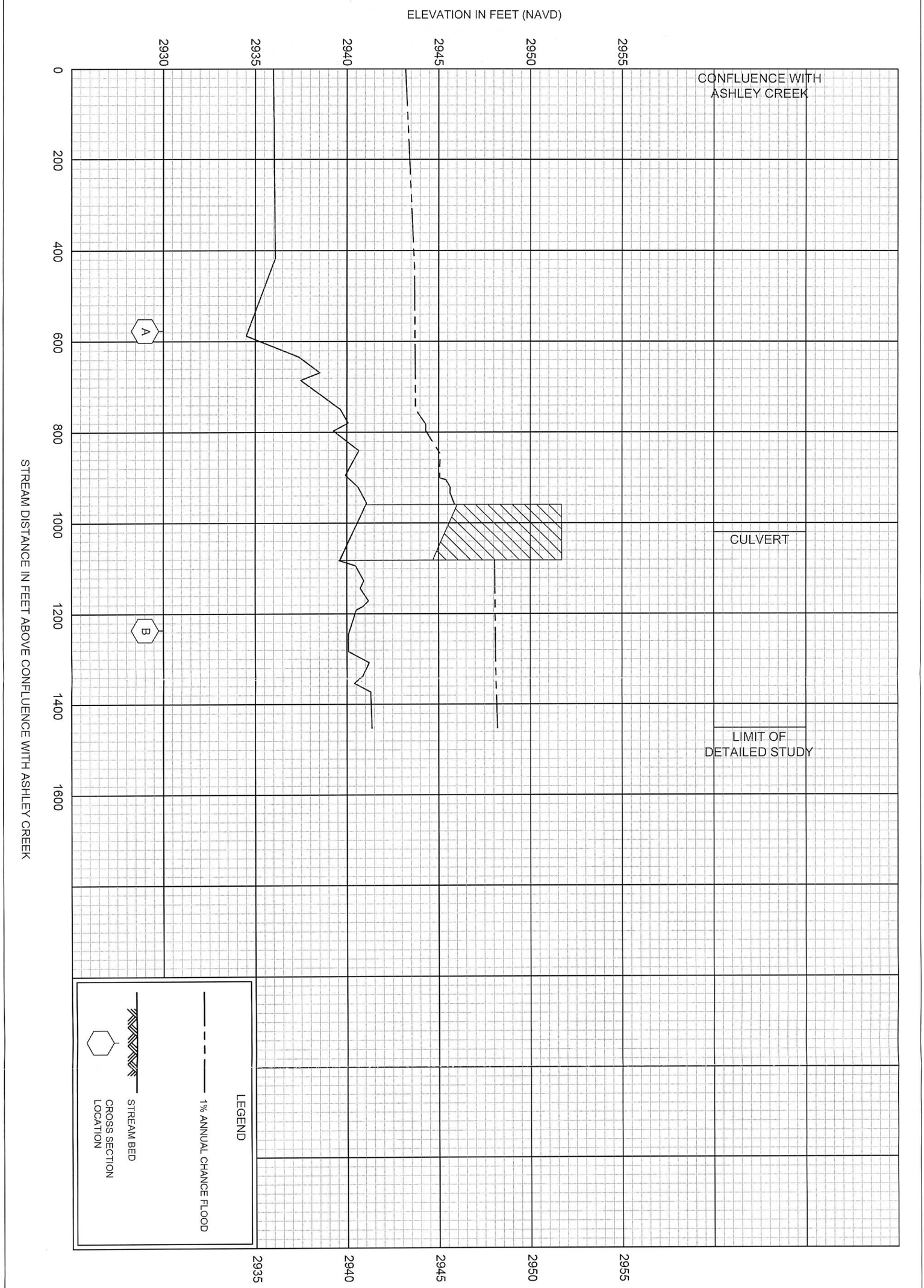
MIDDLE FORK FLATHEAD RIVER AT WEST GLACIER

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT
AND INCORPORATED AREAS

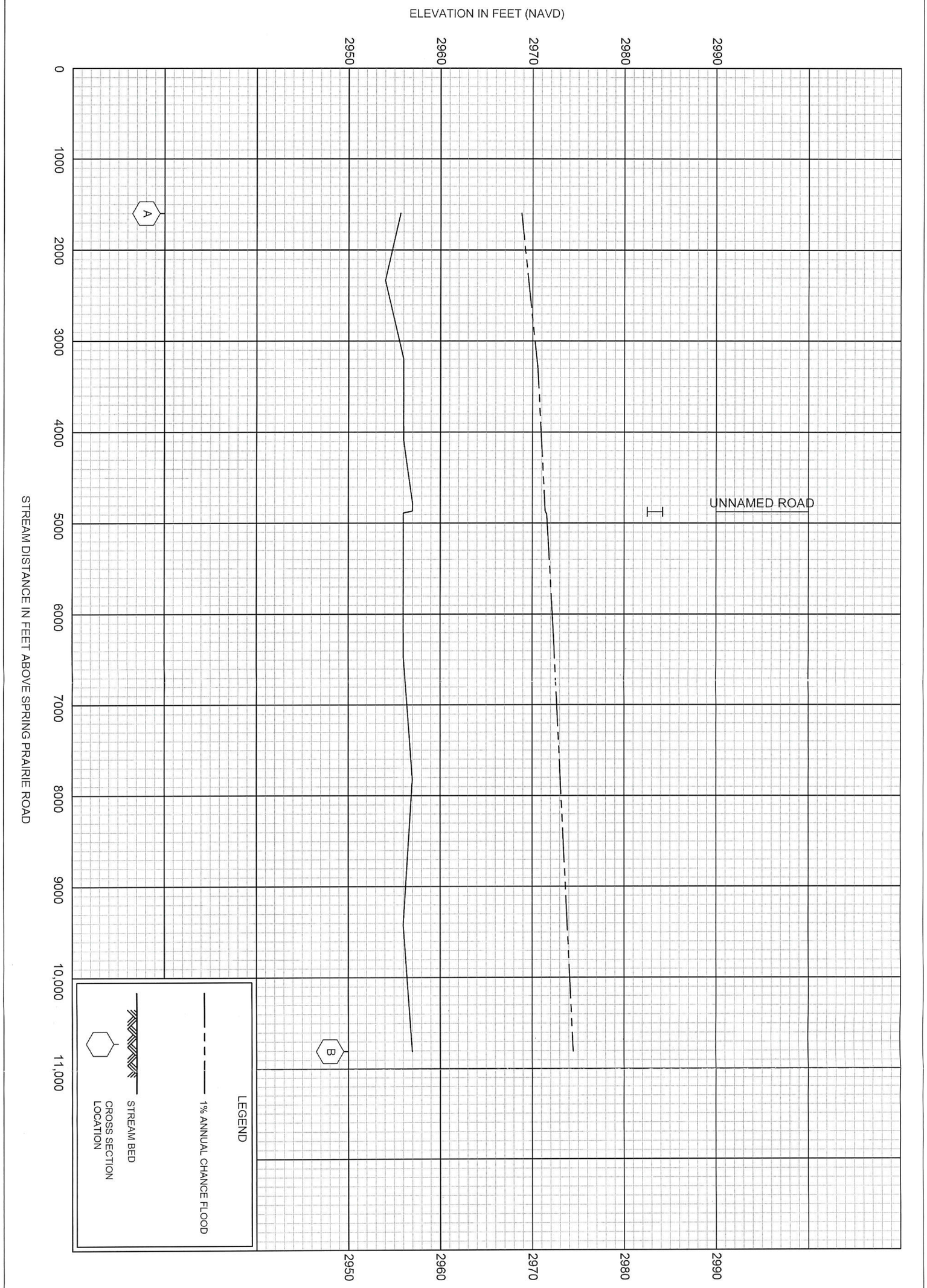
38P

JUL 27 2015



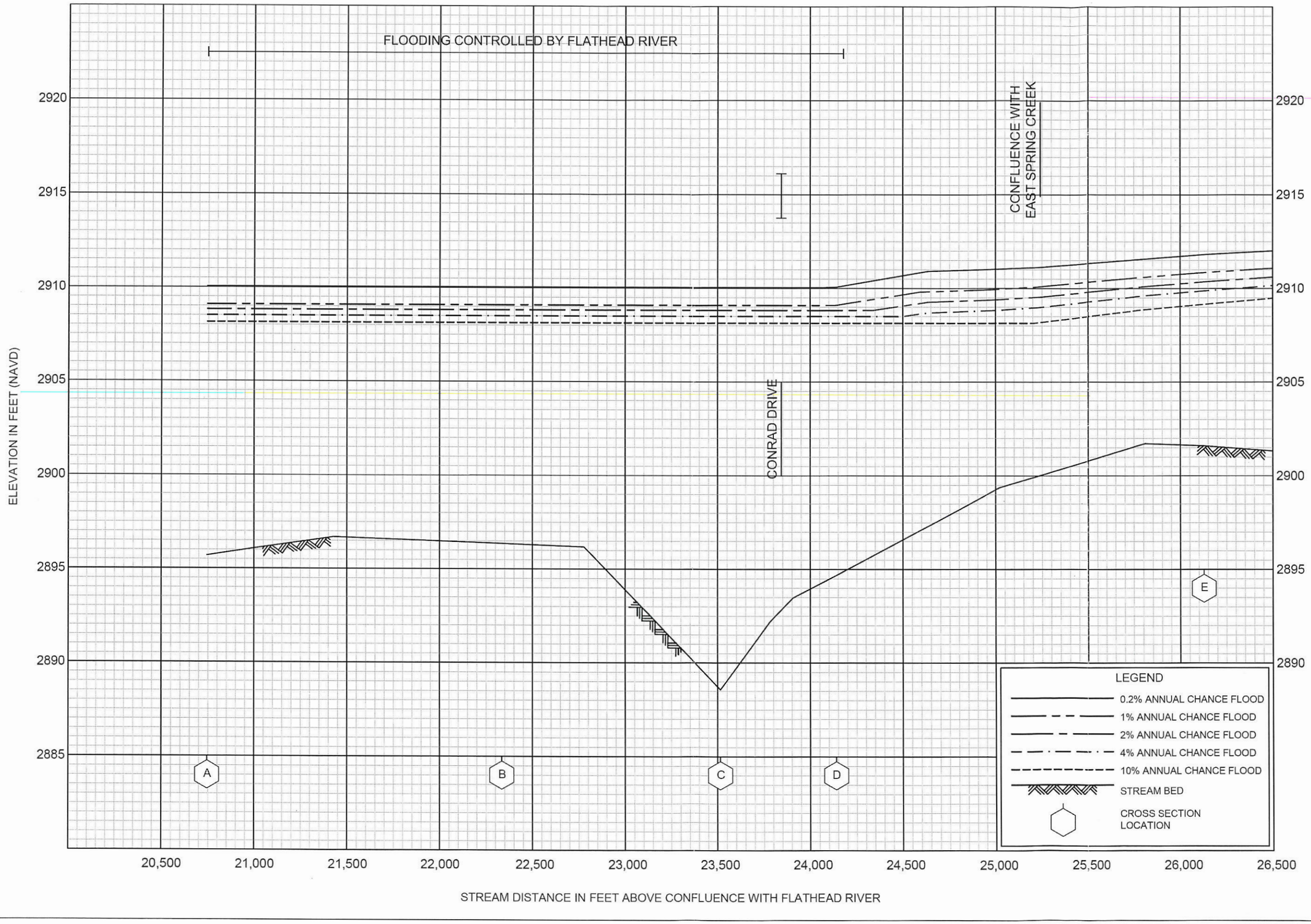
39P	FEDERAL EMERGENCY MANAGEMENT AGENCY FLATHEAD COUNTY, MT AND INCORPORATED AREAS	FLOOD PROFILES NORTH TRIBUTARY TO ASHLEY CREEK

JUL 2 7 2015



40P	FEDERAL EMERGENCY MANAGEMENT AGENCY FLATHEAD COUNTY, MT AND INCORPORATED AREAS	FLOOD PROFILES STILLWATER RIVER ABOVE SPRING PRAIRIE ROAD

JUL 27 2015



FLOOD PROFILES

STILLWATER RIVER NEAR KALISPELL

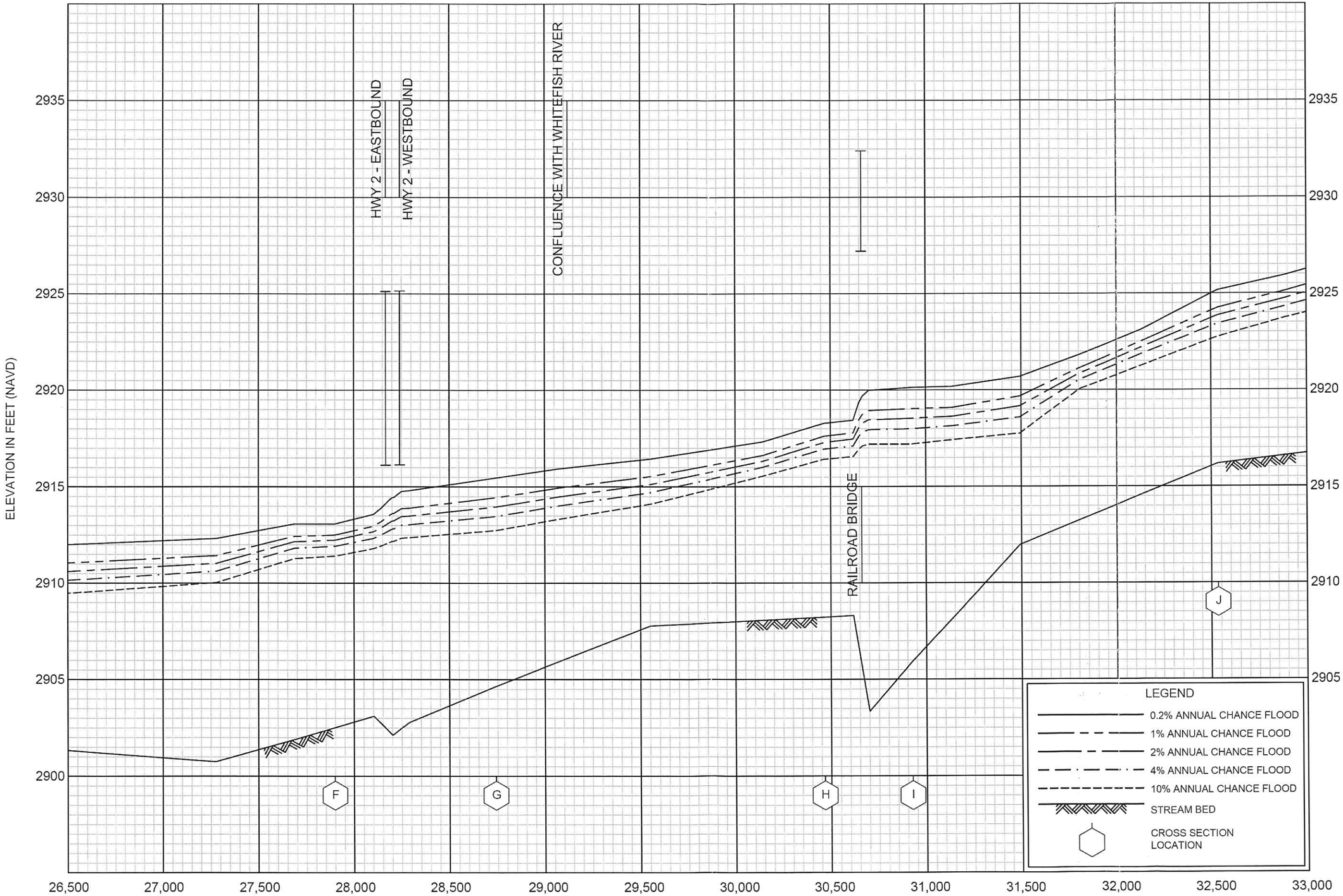
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

41P

JUL 27 2015



FLOOD PROFILES

STILLWATER RIVER NEAR KALISPELL

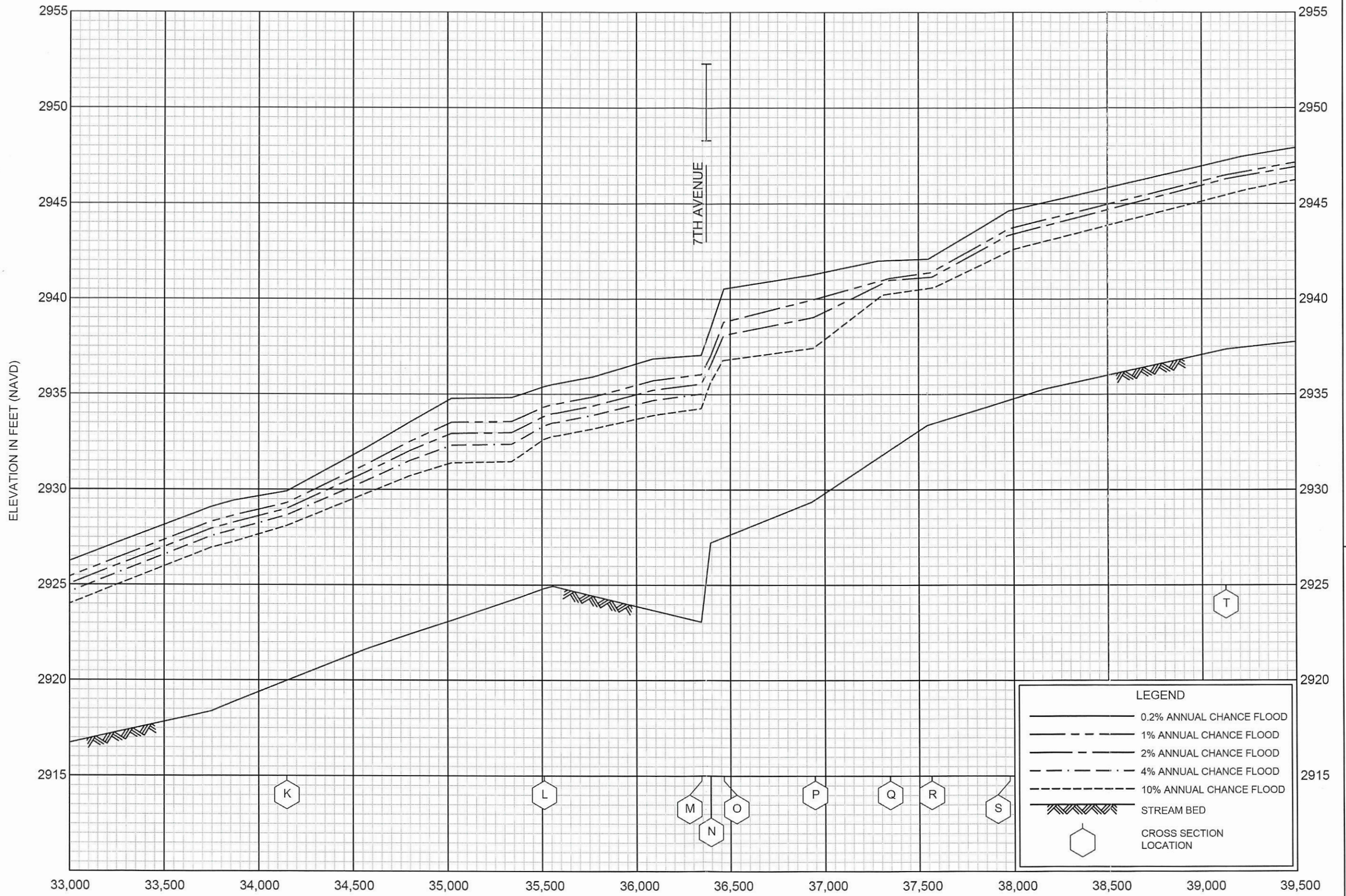
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

42P

JUL 27 2015



FLOOD PROFILES

STILLWATER RIVER NEAR KALISPELL

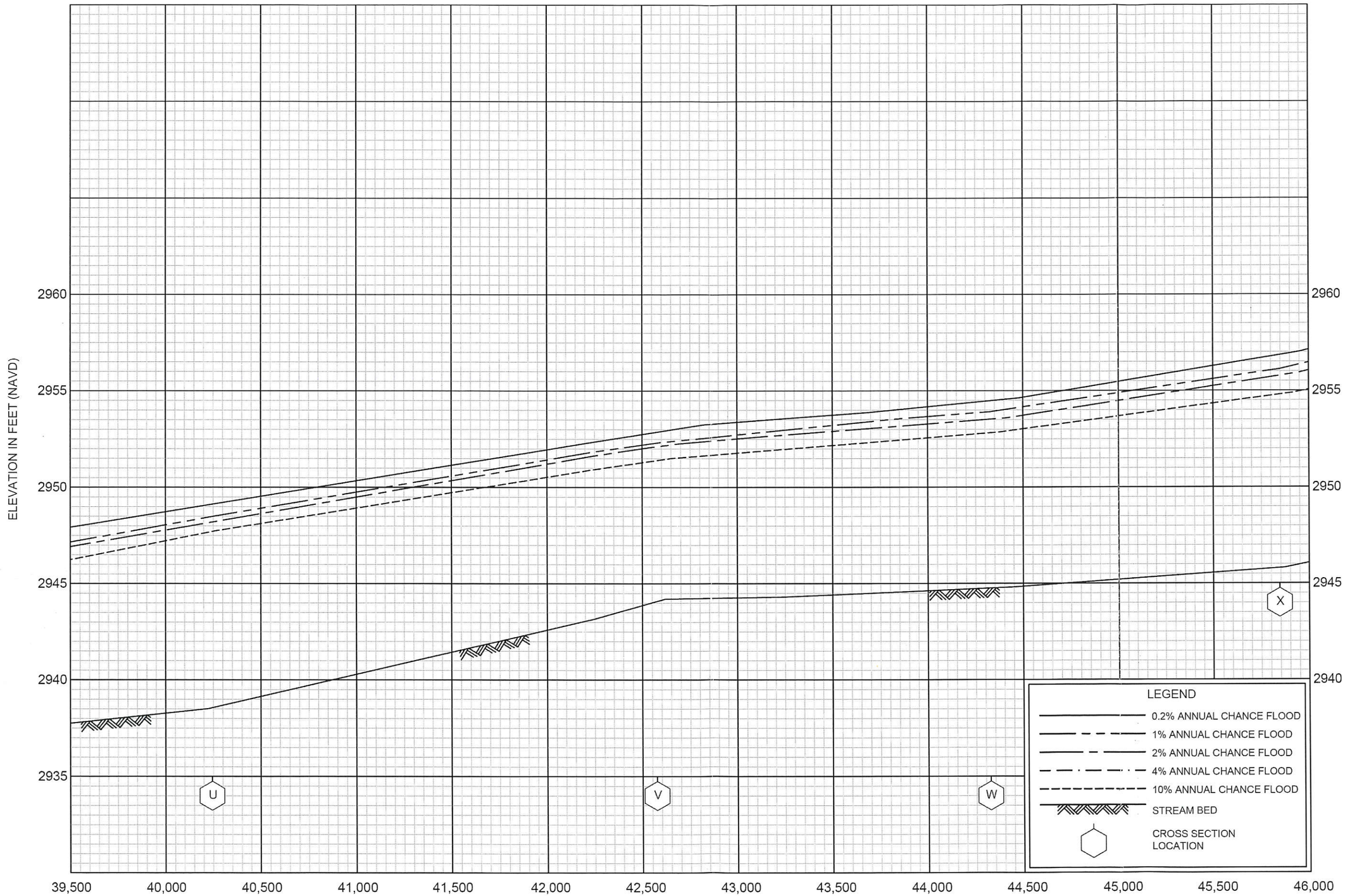
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

43P

JUL 27 2015



FLOOD PROFILES

STILLWATER RIVER NEAR KALISPELL

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

44P

JUL 27 2015

FLOOD PROFILES

STILLWATER RIVER NEAR KALISPELL

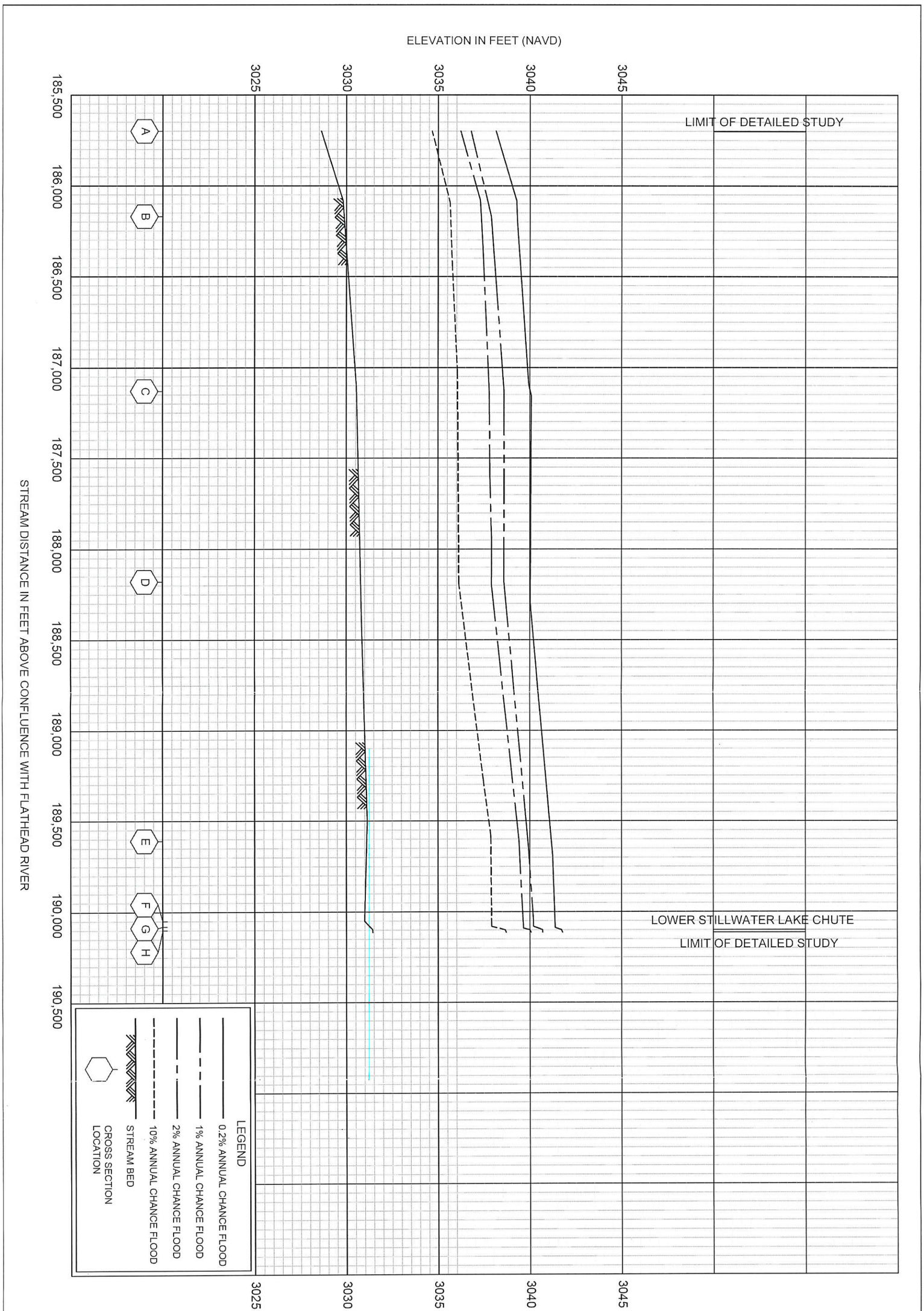
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

45P

JUL 27 2015



46P

FEDERAL EMERGENCY MANAGEMENT AGENCY

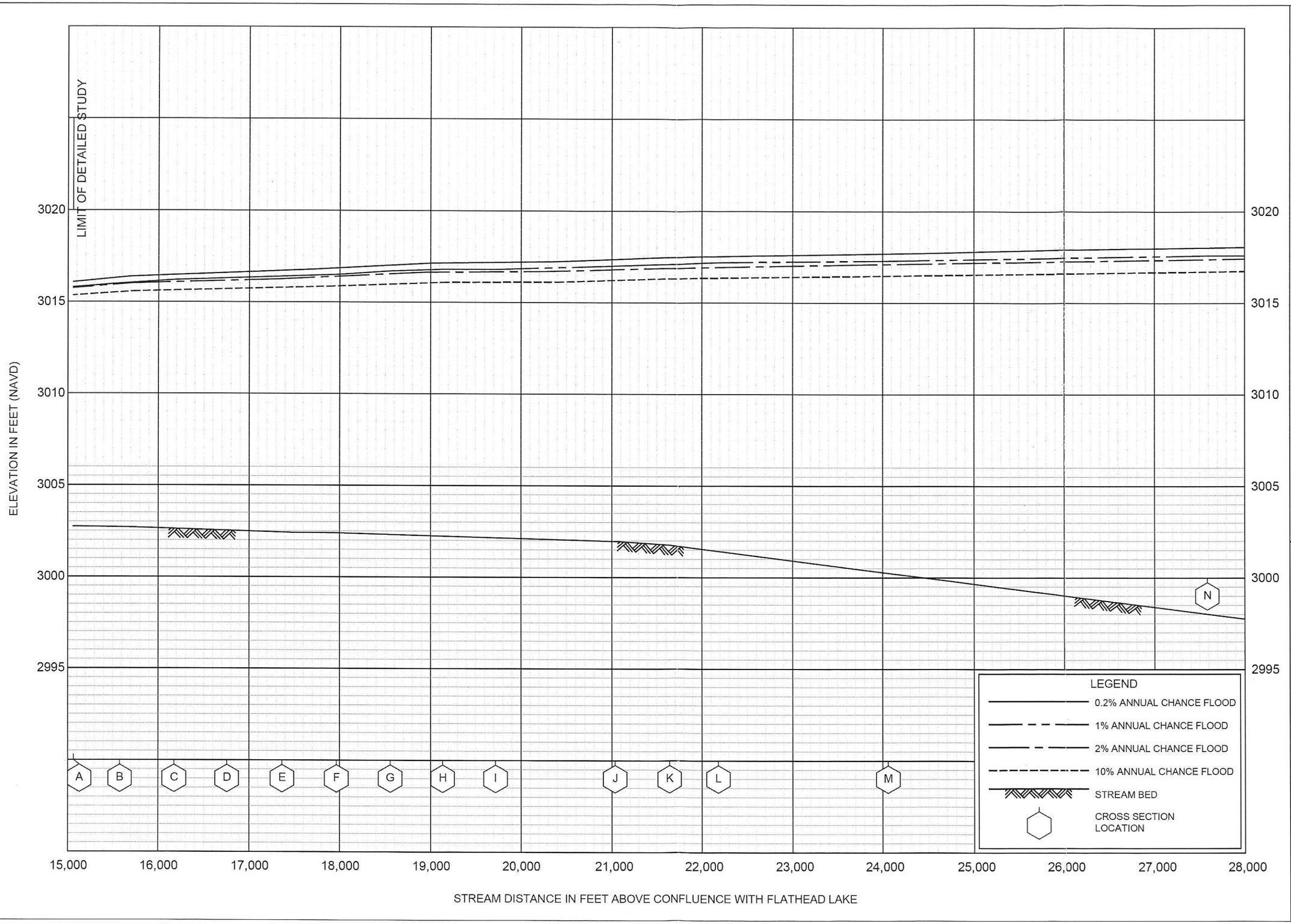
FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

FLOOD PROFILES

STILLWATER RIVER NEAR OLNEY

JUL 27 2015



FLOOD PROFILES

SWAN RIVER

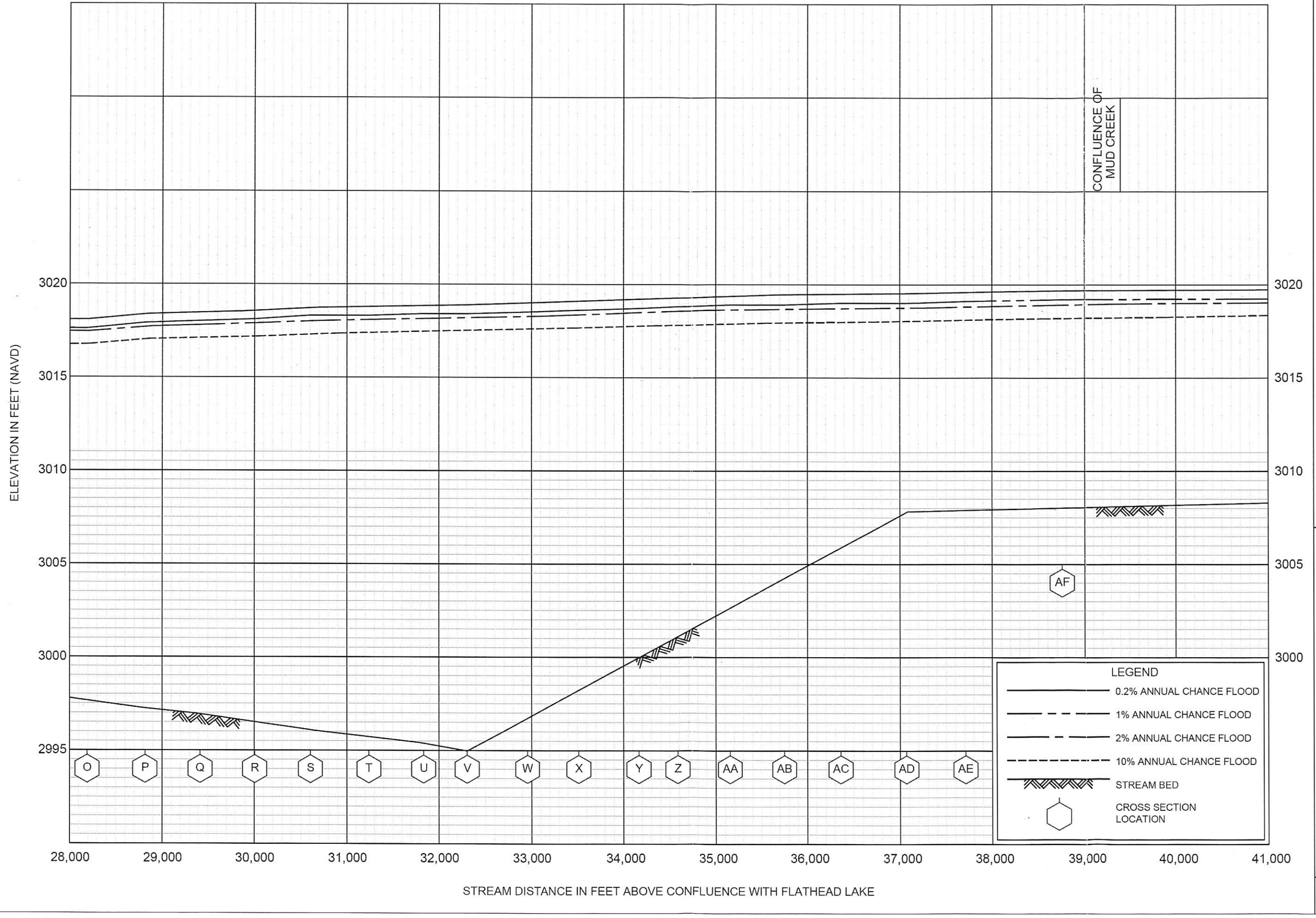
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

47P

JUL 27 2015



FLOOD PROFILES

SWAN RIVER

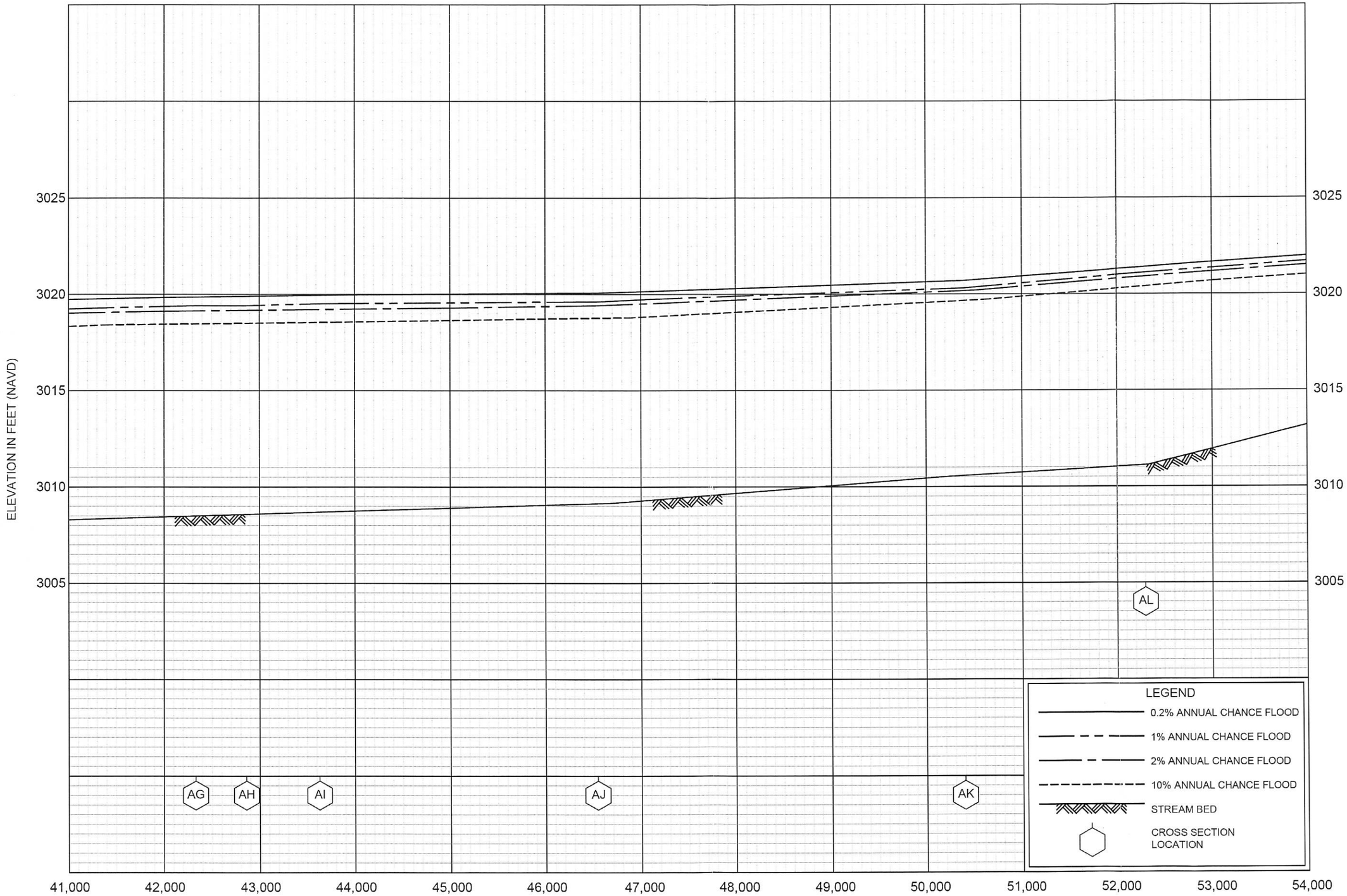
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

48P

JUL 27 2015



FLOOD PROFILES

SWAN RIVER

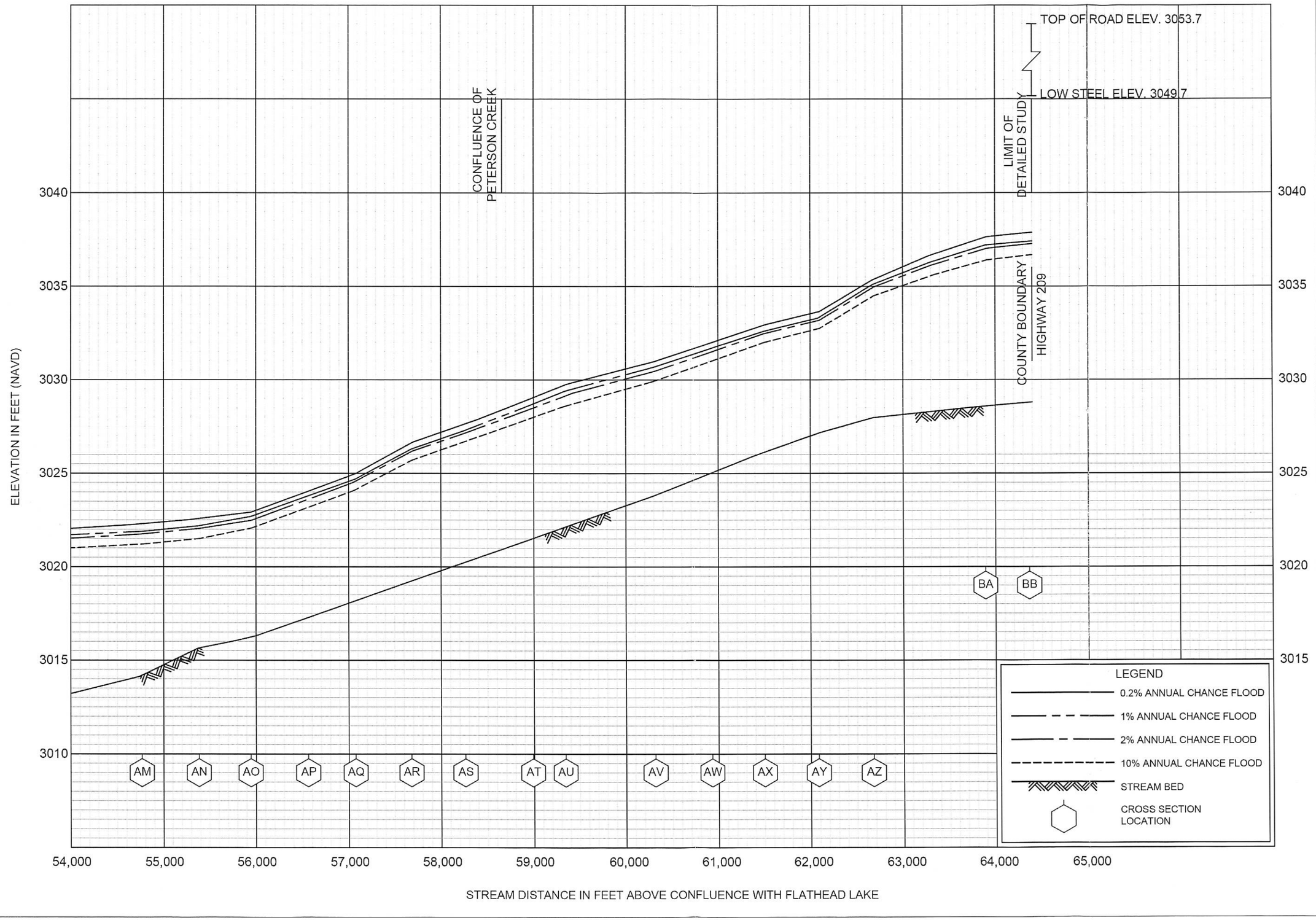
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

49P

JUL 27 2015



FLOOD PROFILES

SWAN RIVER

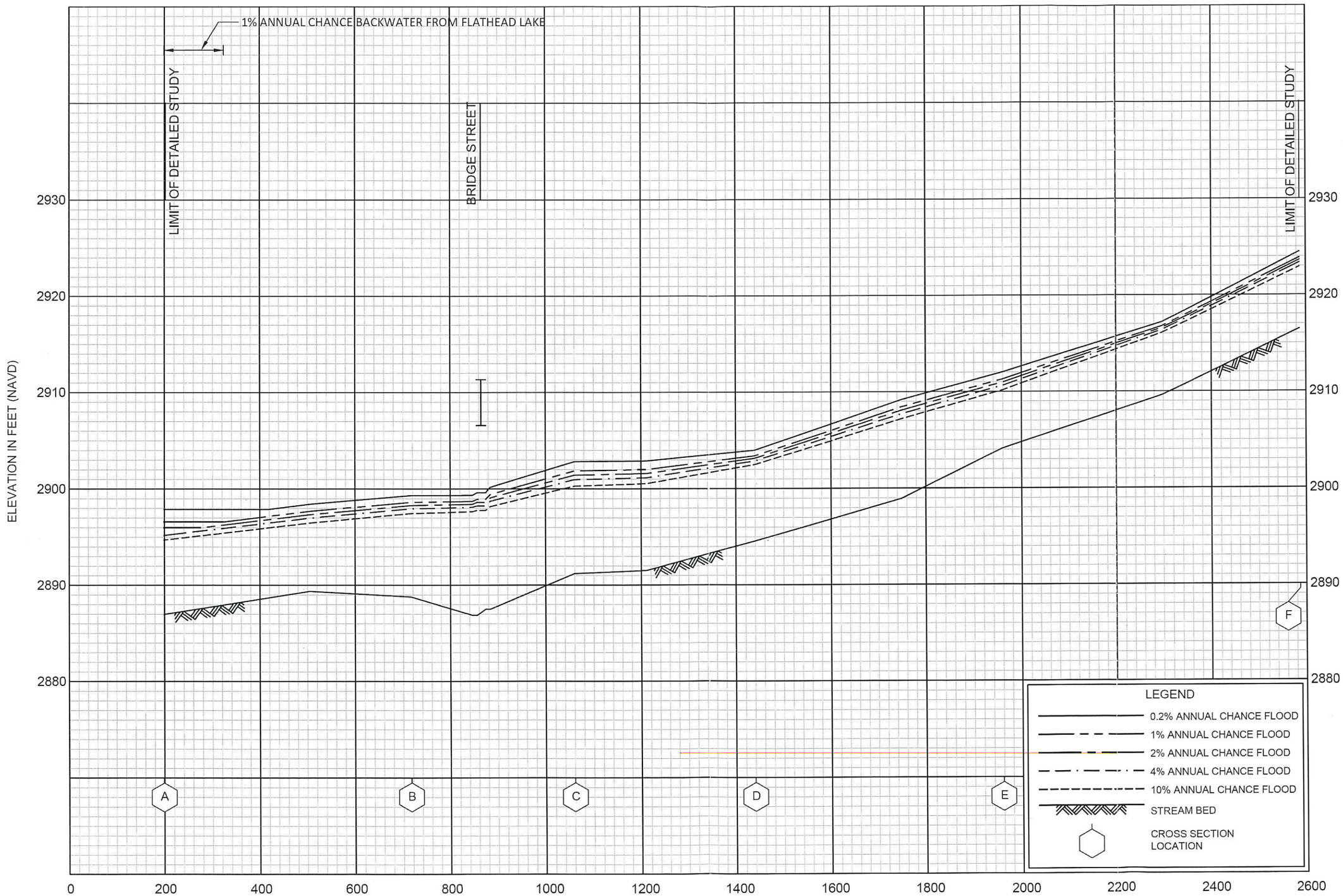
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

50P

JUL 27 2015



FLOOD PROFILES

SWAN RIVER AT BIGFORK

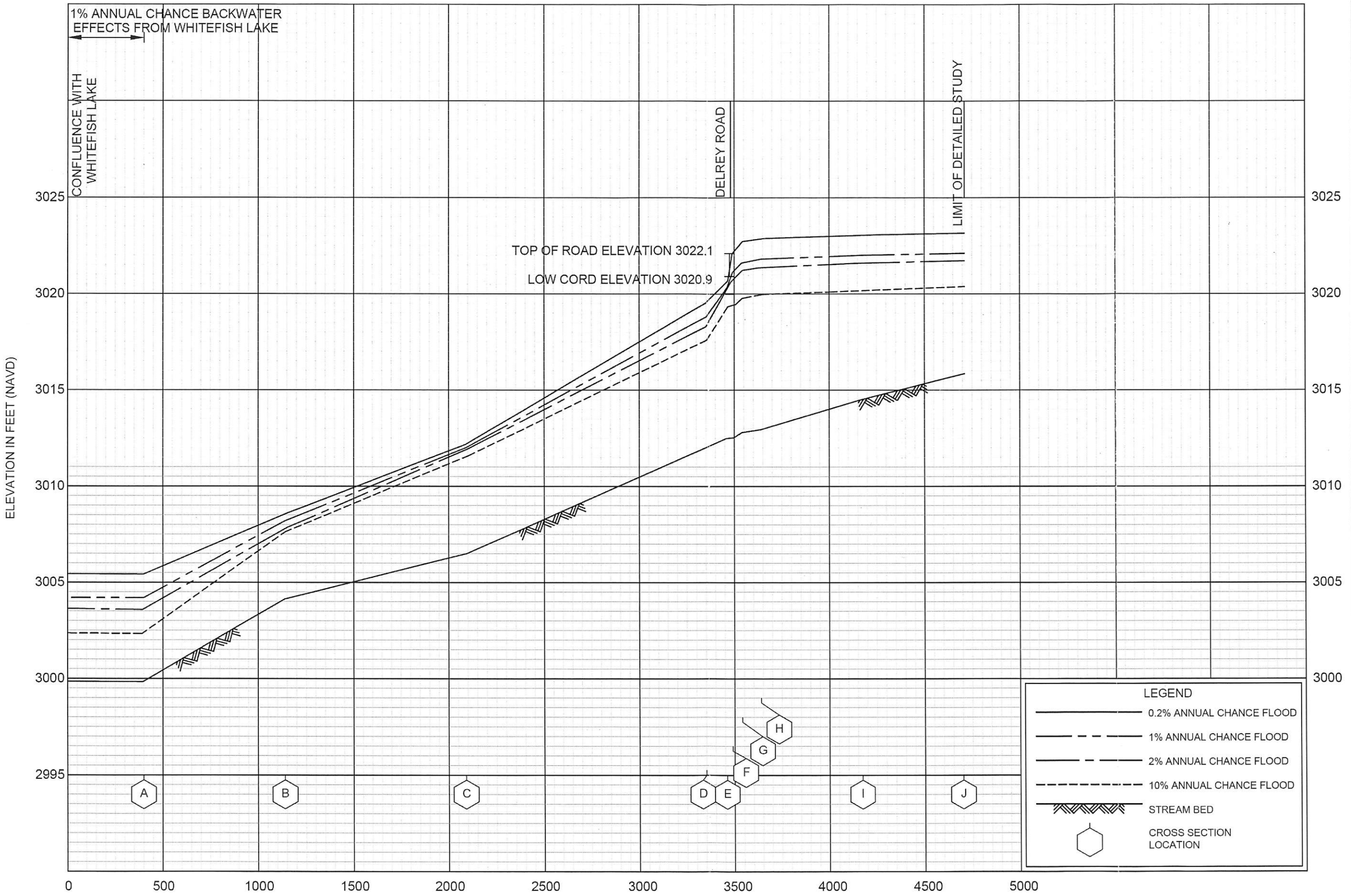
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

51P

JUL 27 2015



FLOOD PROFILES

SWIFT CREEK

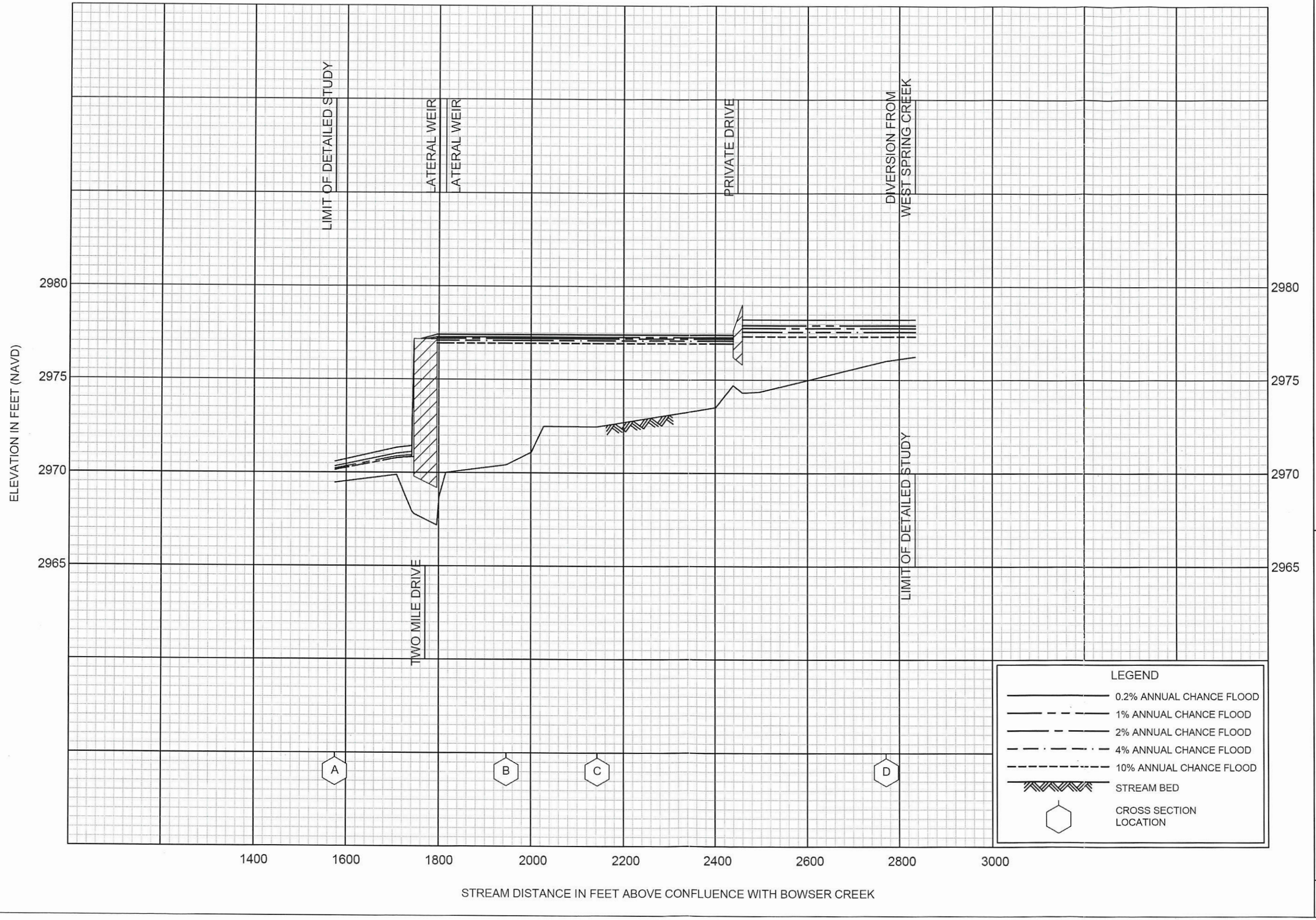
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

52P

JUL 27 2015



FLOOD PROFILES

UNNAMED TRIBUTARY TO BOWSER CREEK

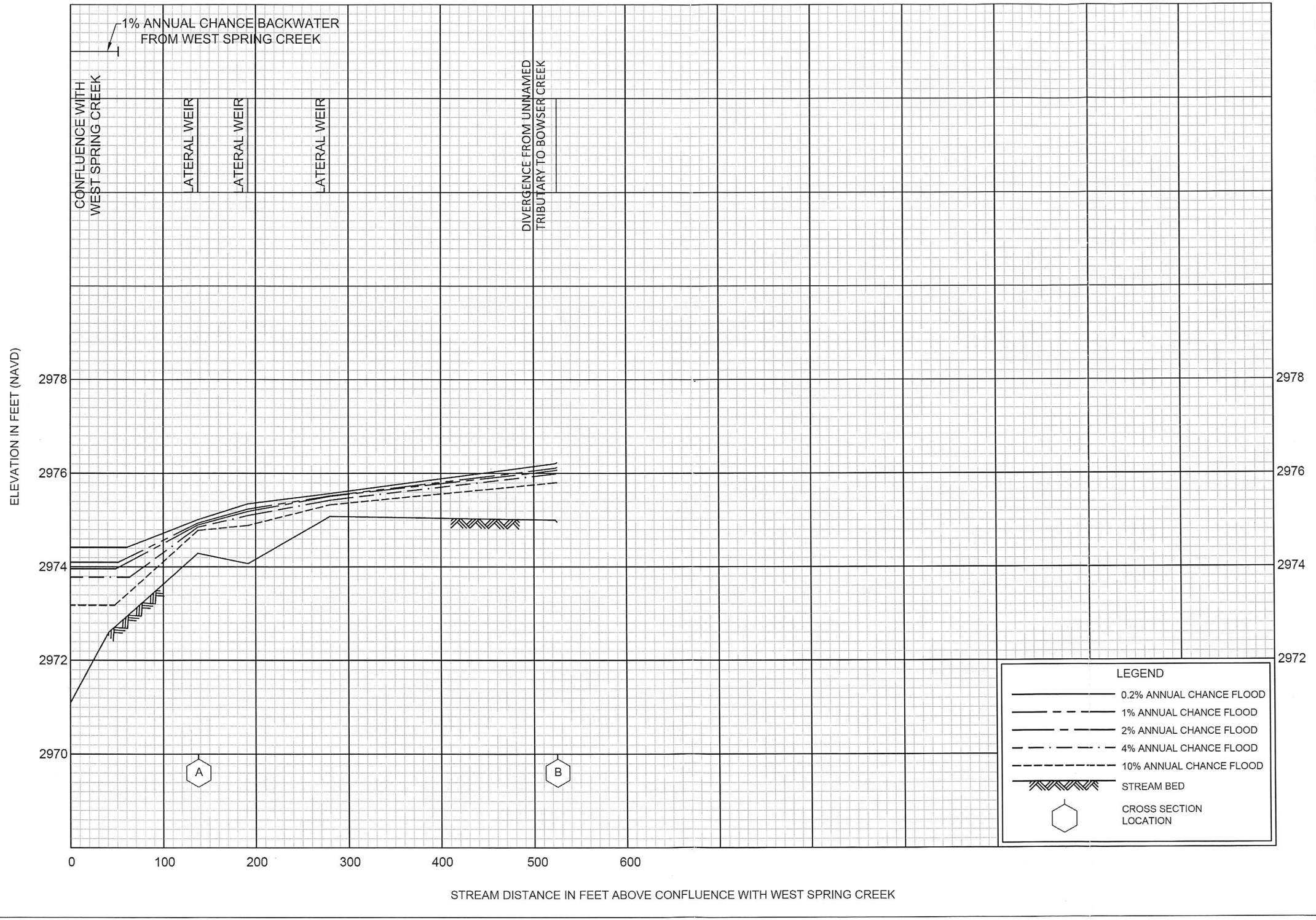
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

53P

JUL 27 2015



FLOOD PROFILES

UNNAMED TRIBUTARY TO BOWSER CREEK DIVERTED FLOW

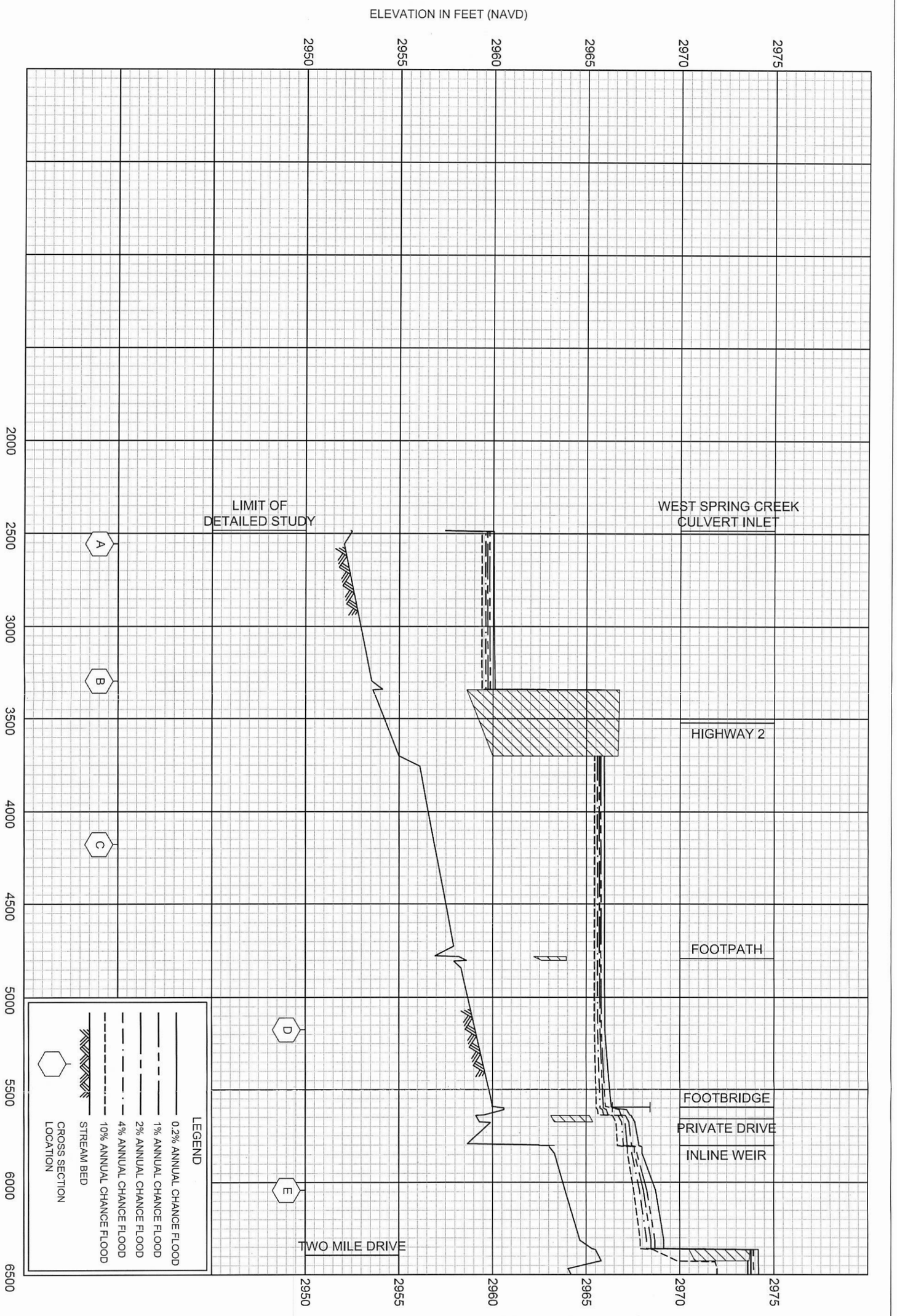
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

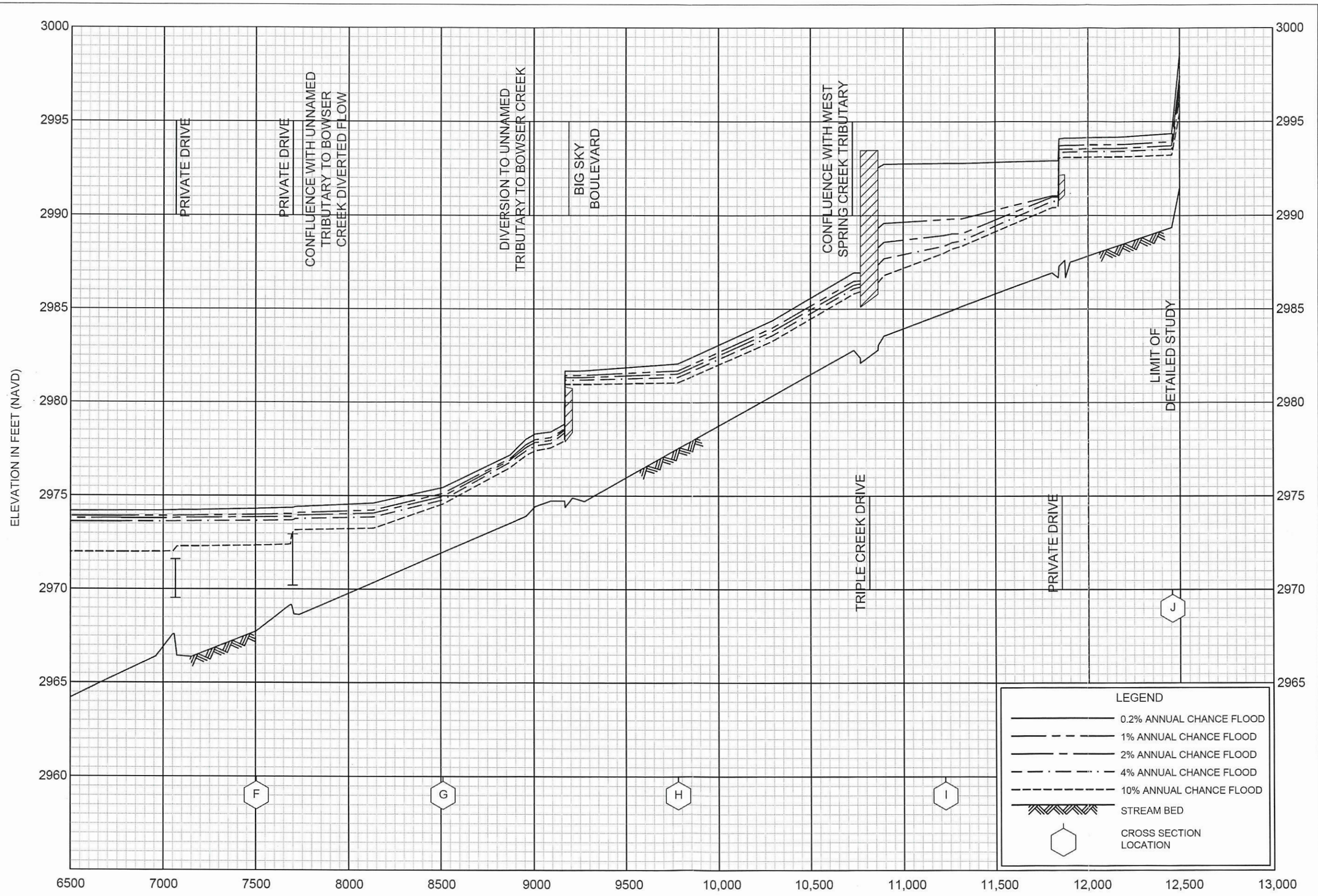
54P

JUL 27 2015



55P	FEDERAL EMERGENCY MANAGEMENT AGENCY FLATHEAD COUNTY, MT AND INCORPORATED AREAS	FLOOD PROFILES WEST SPRING CREEK

JUL 2 7 2012



FLOOD PROFILES

WEST SPRING CREEK

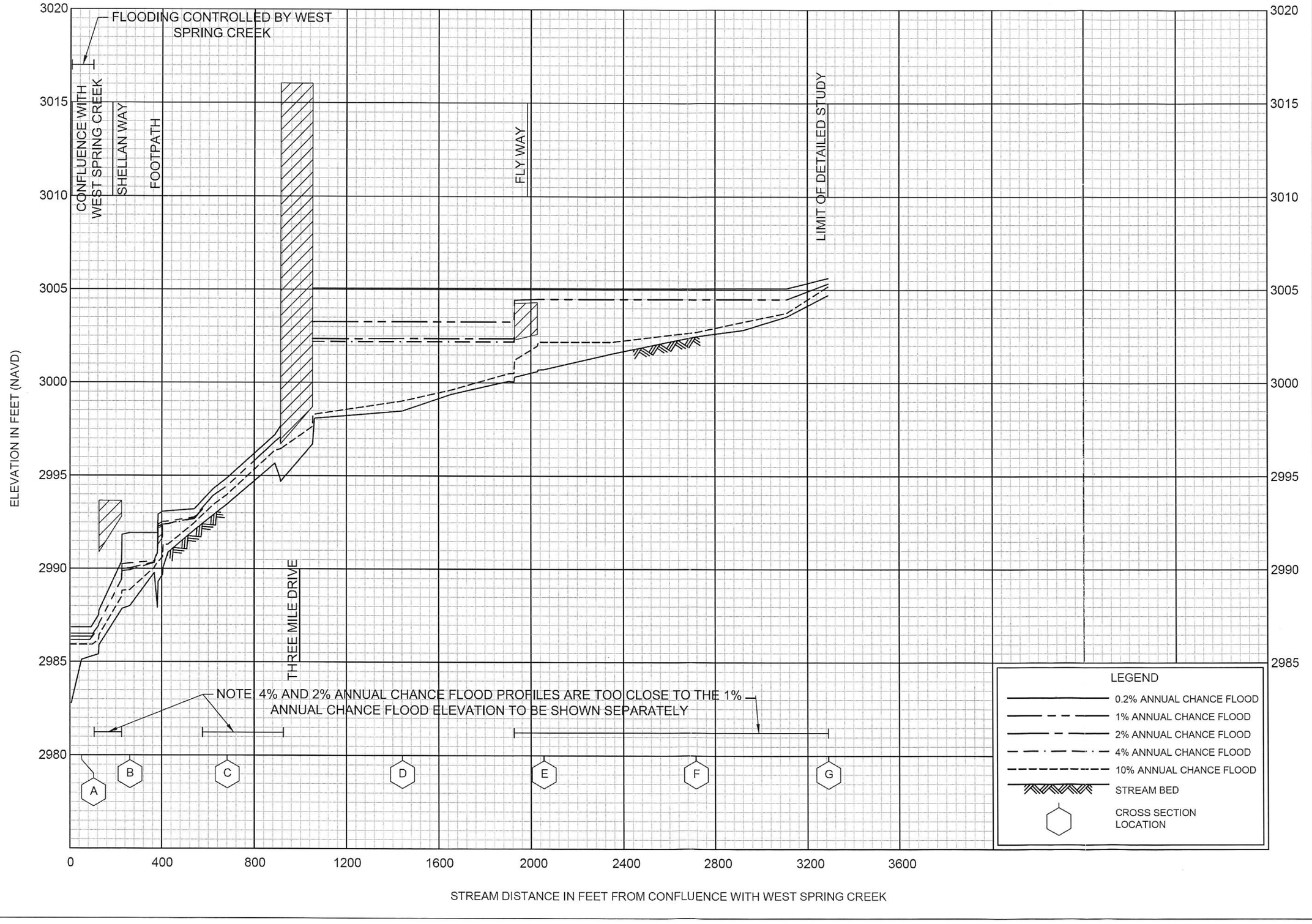
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

56P

JUL 27 2015



FLOOD PROFILES

WEST SPRING CREEK TRIBUTARY

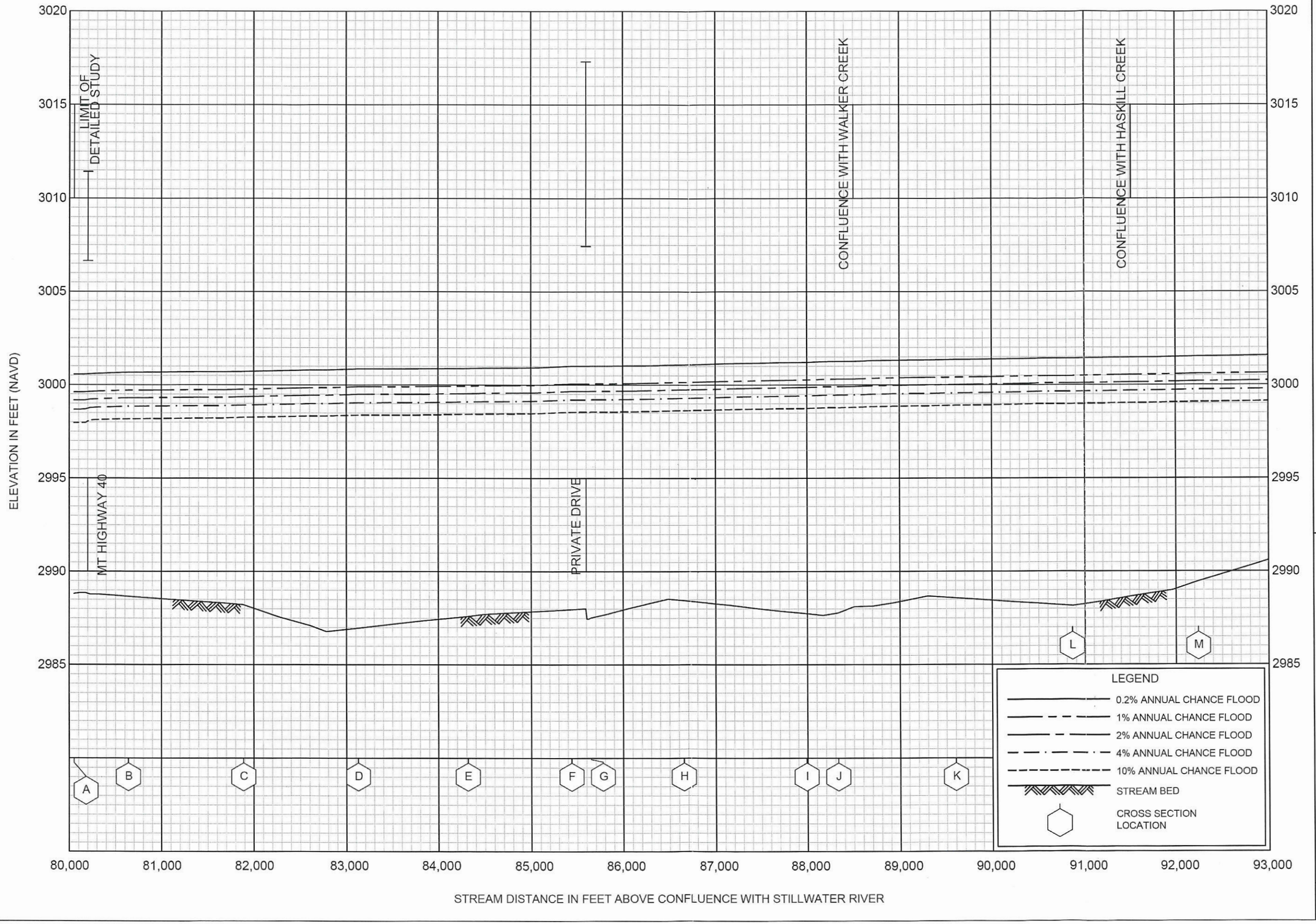
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

57P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER AT WHITEFISH

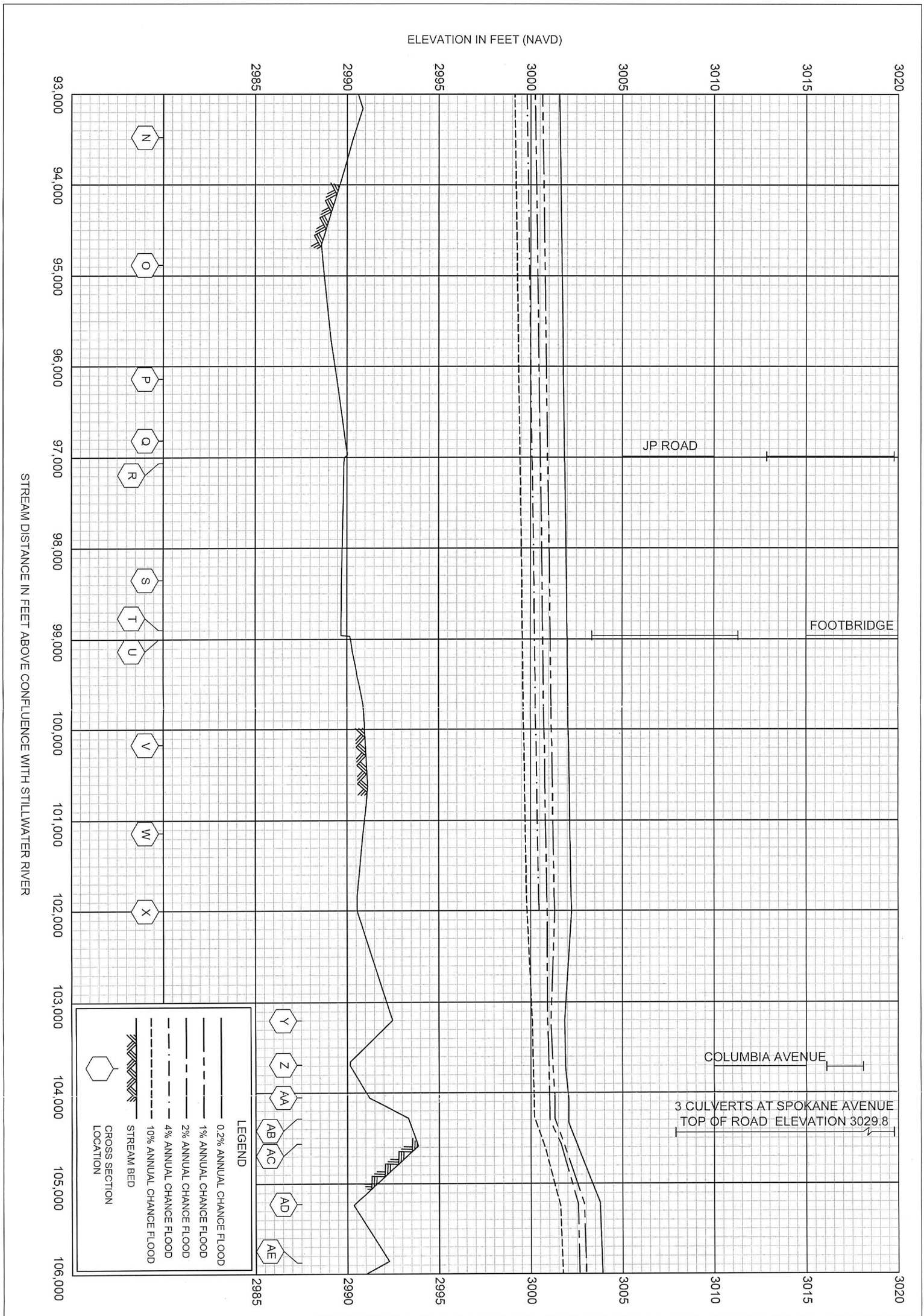
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

58P

JUL 27 2015



59P

FEDERAL EMERGENCY MANAGEMENT AGENCY

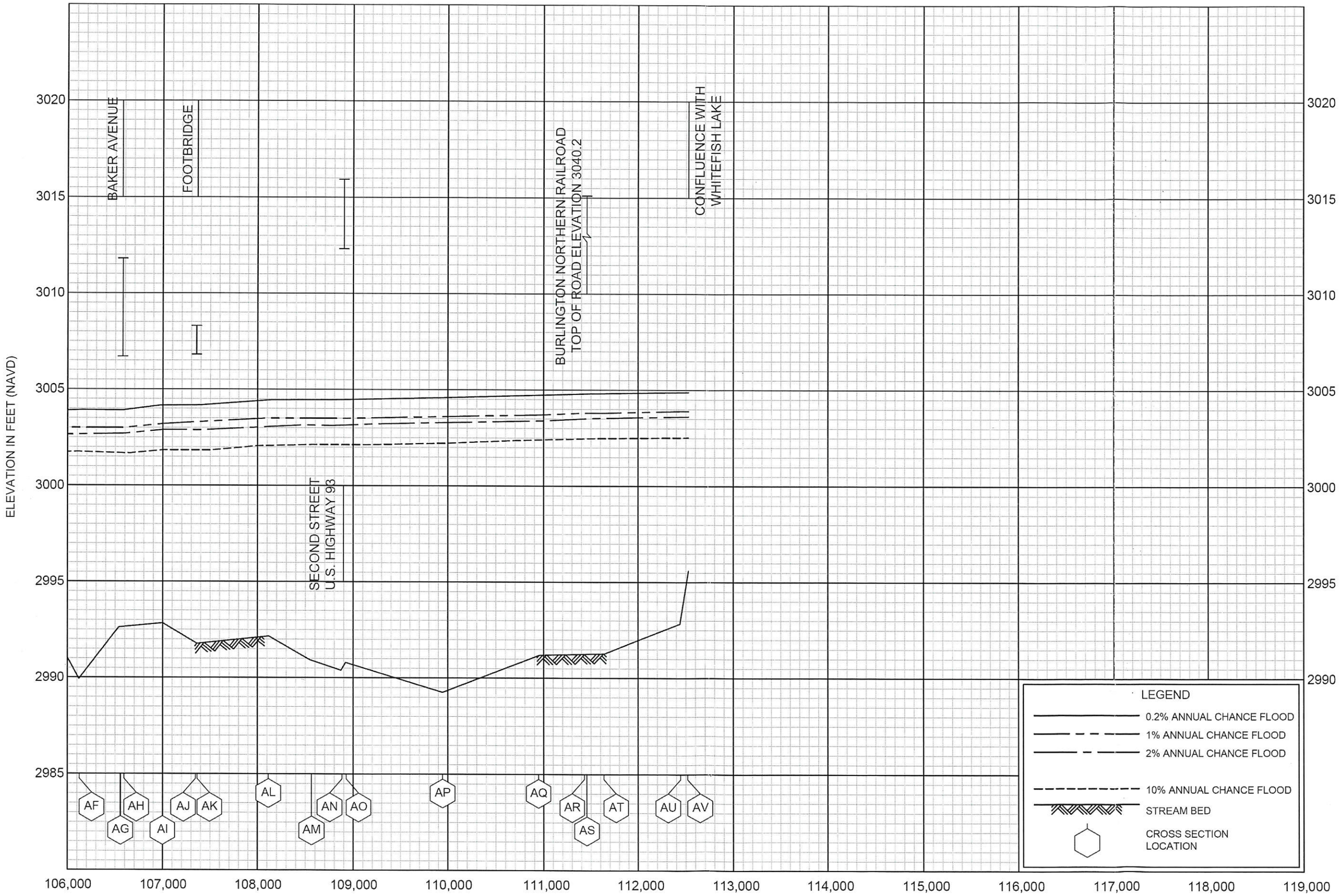
FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

FLOOD PROFILES

WHITEFISH RIVER AT WHITEFISH

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER AT WHITEFISH

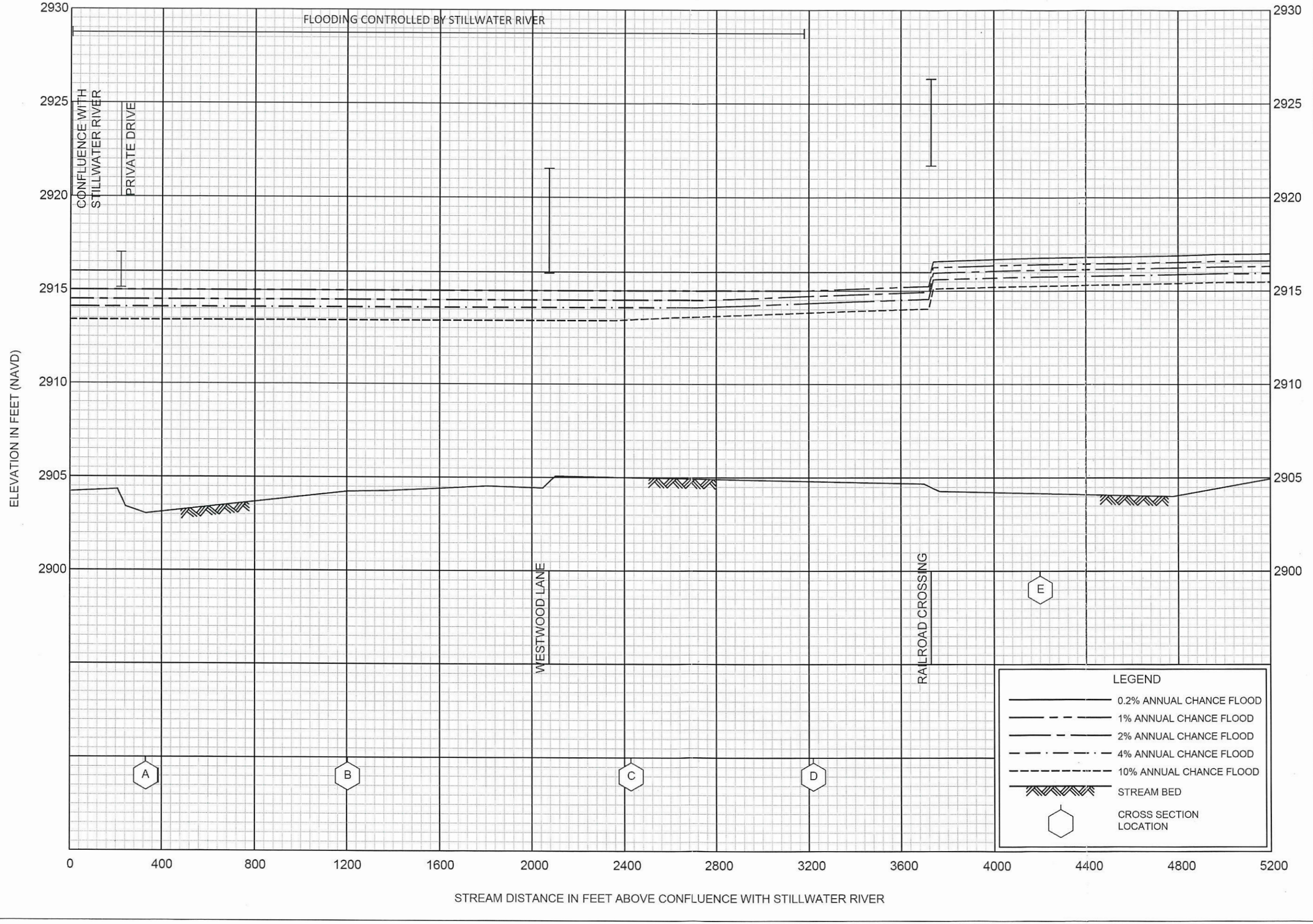
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

60P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

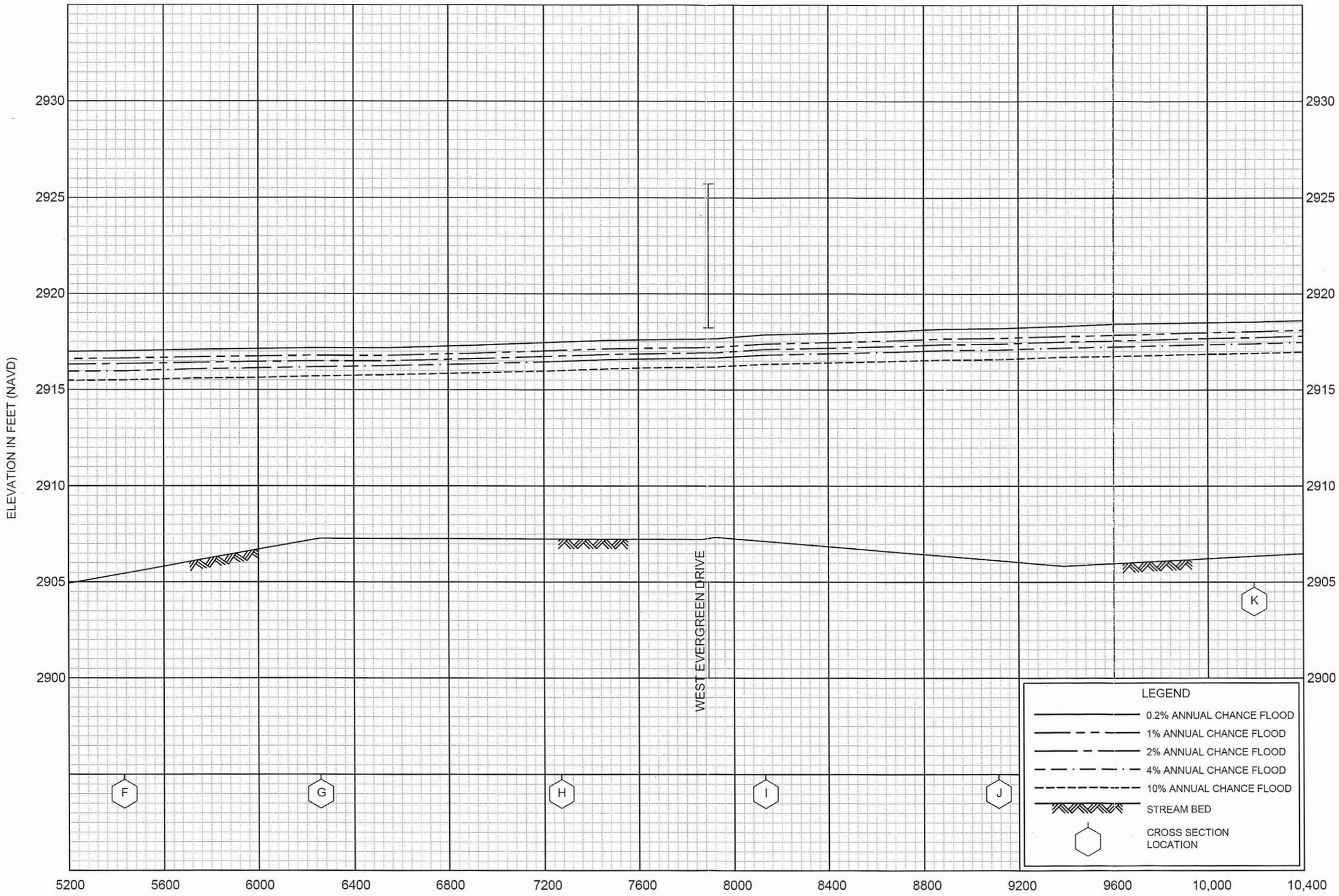
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

61P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

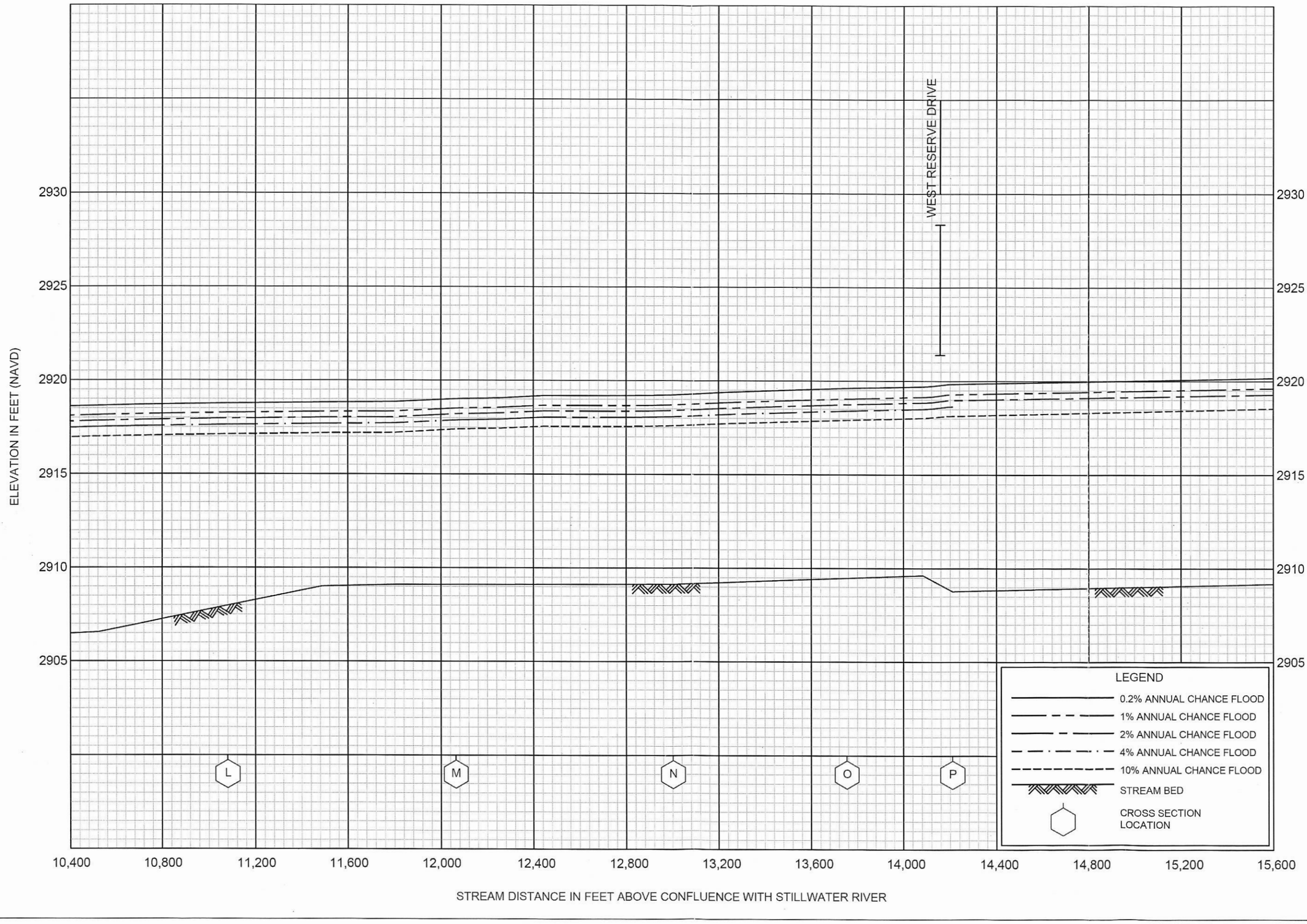
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

62P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

63P

JUL 27 2015

ELEVATION IN FEET (NAVD)

2925
2920
2915
2910
2905

Q
R

LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION

15,600 16,000 16,400 16,800 17,200 17,600 18,000 18,400 18,800 19,200 19,600 20,000 20,400 20,800

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH STILLWATER RIVER

FLOOD PROFILES

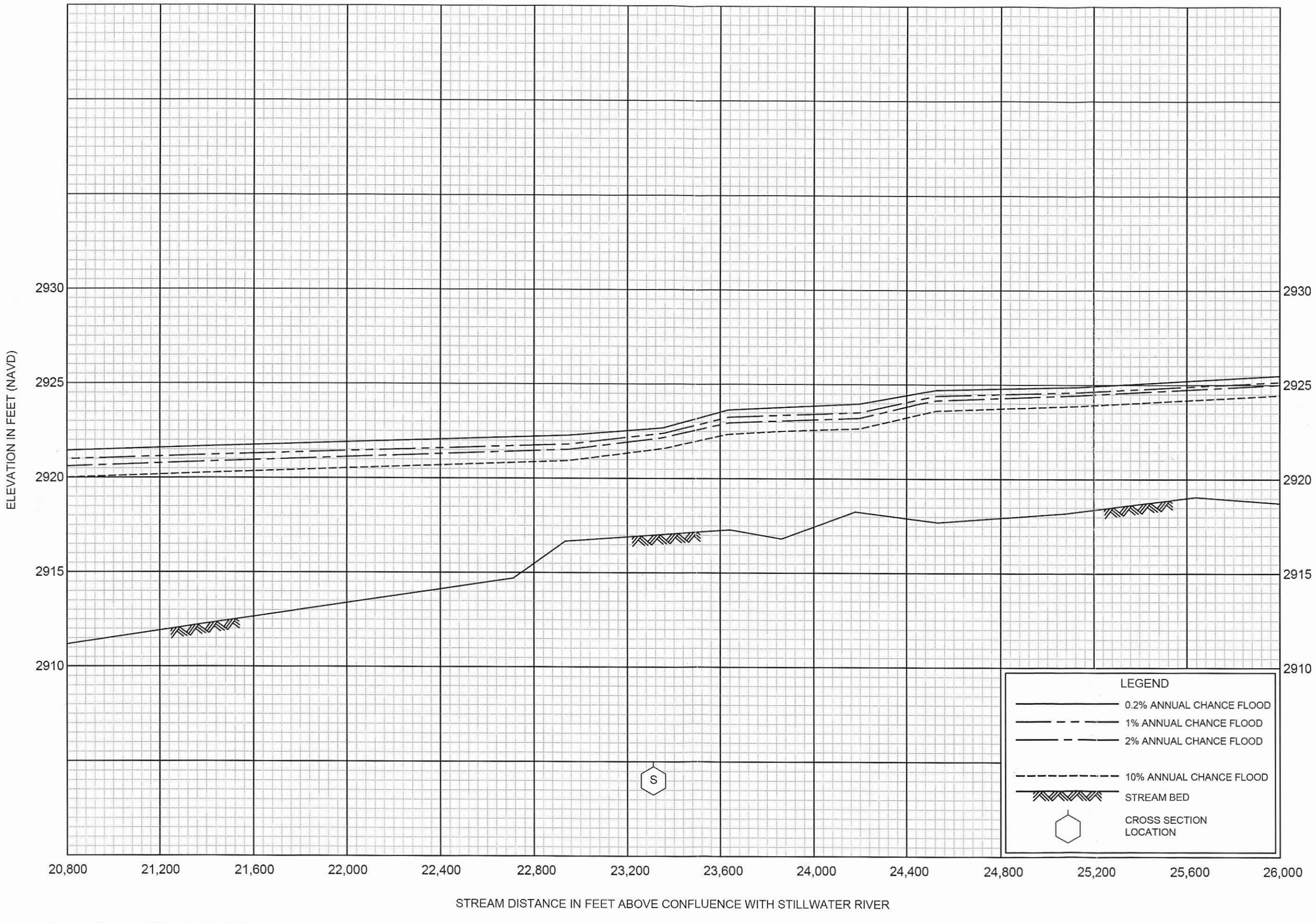
WHITEFISH RIVER NEAR KALISPELL

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT
AND INCORPORATED AREAS

64P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

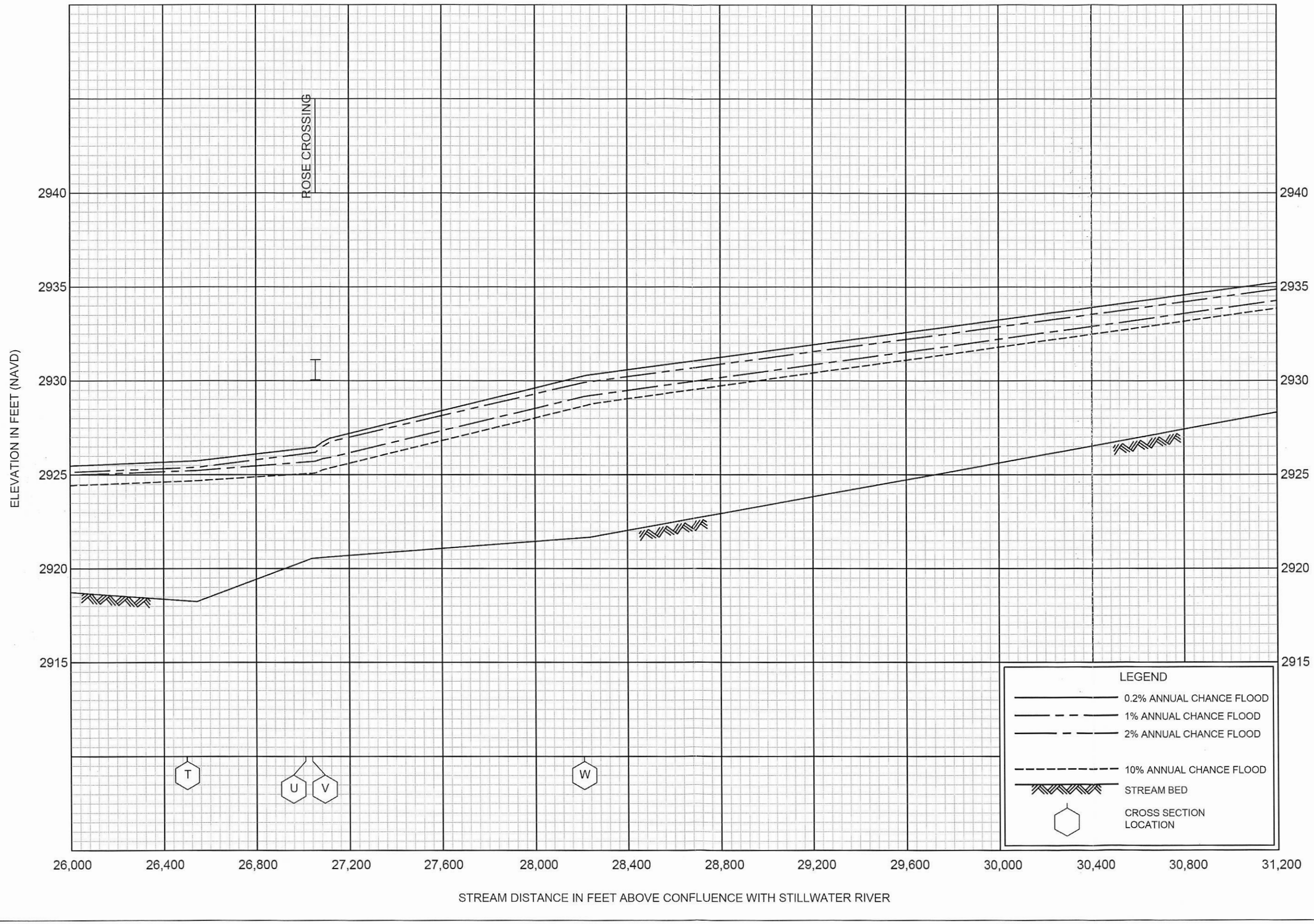
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

65P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

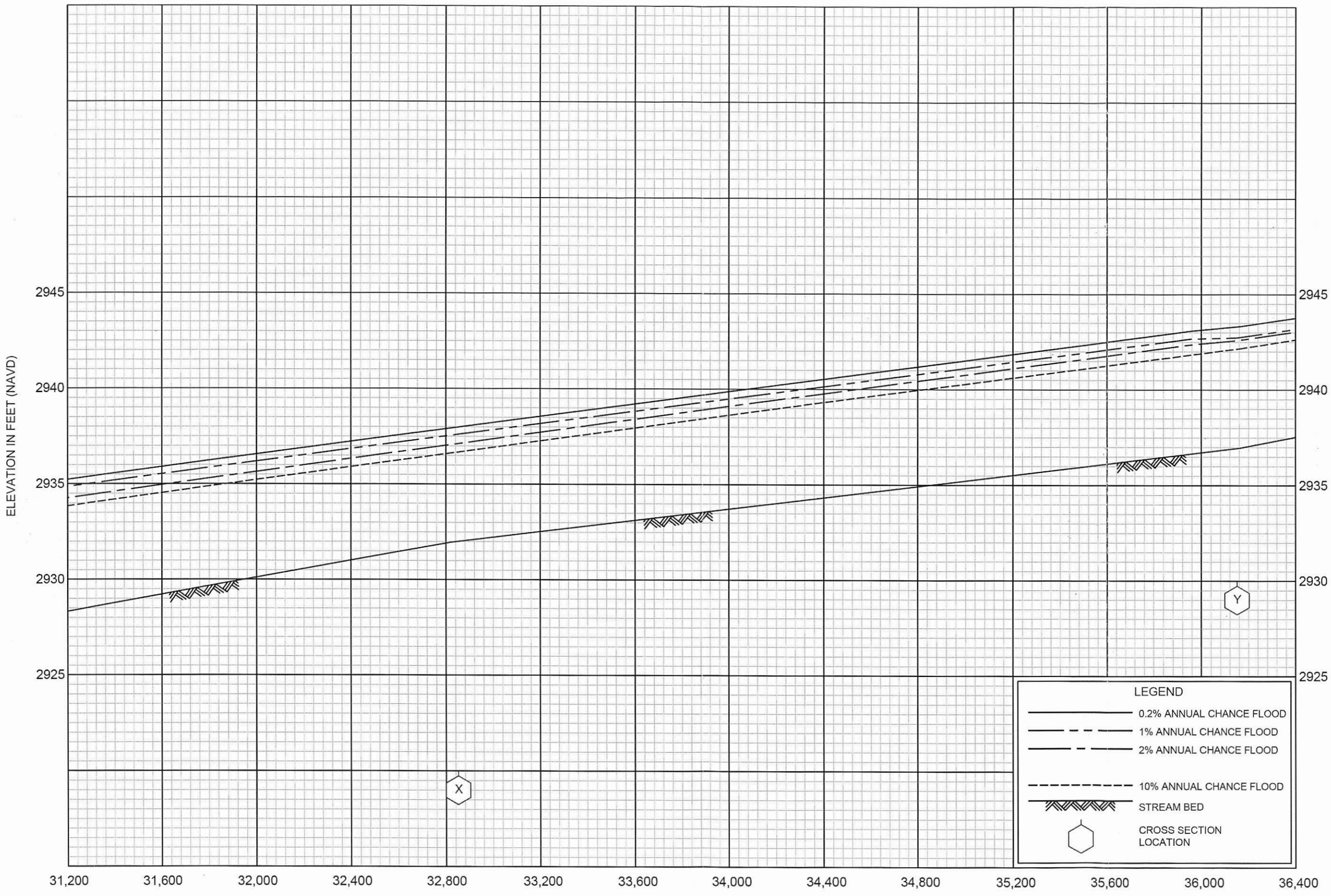
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

66P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

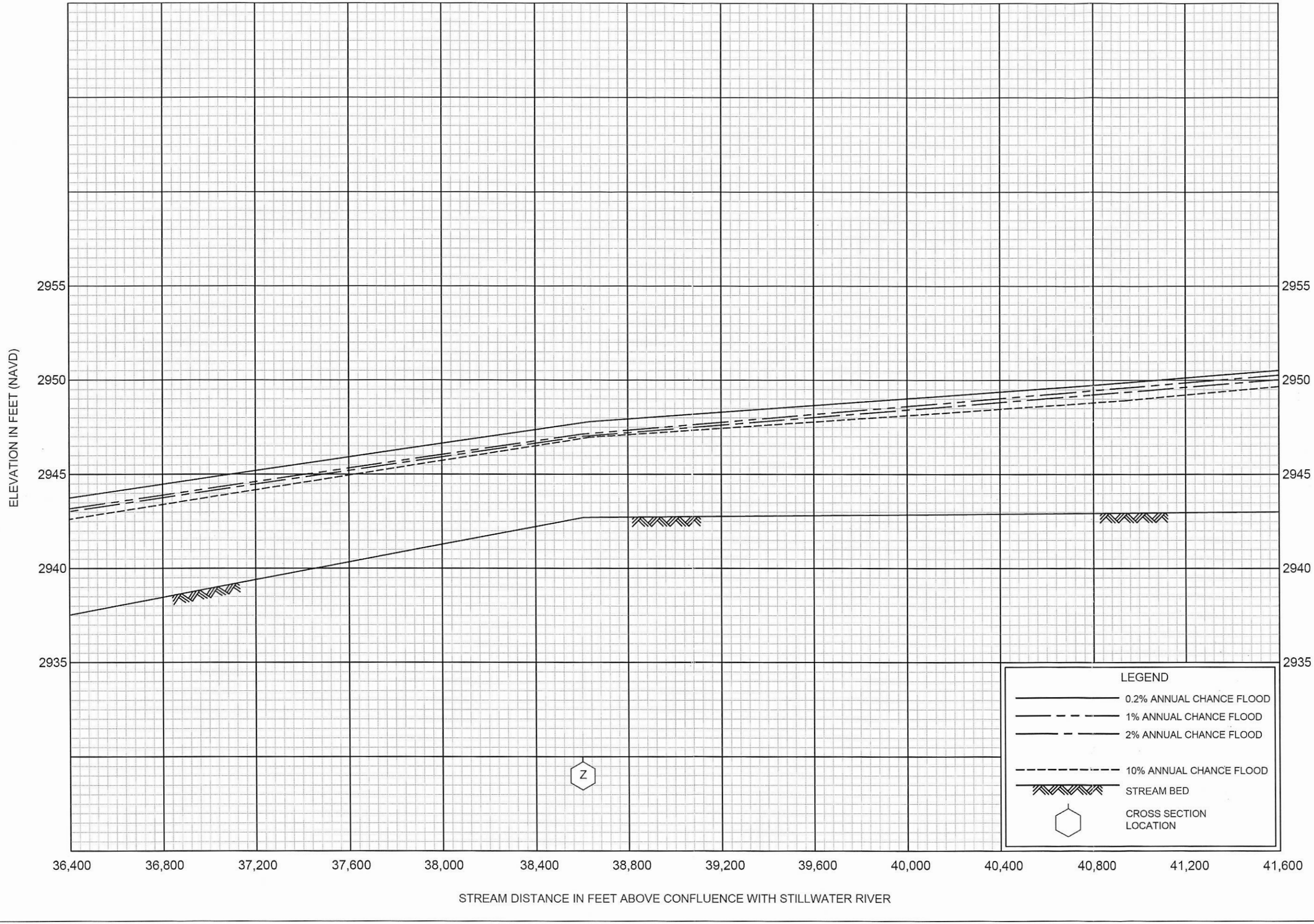
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

67P

JUL 27 2015



FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

68P

JUL 27 2015

FLOOD PROFILES

WHITEFISH RIVER NEAR KALISPELL

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLATHEAD COUNTY, MT

AND INCORPORATED AREAS

69P

JUL 27 2015