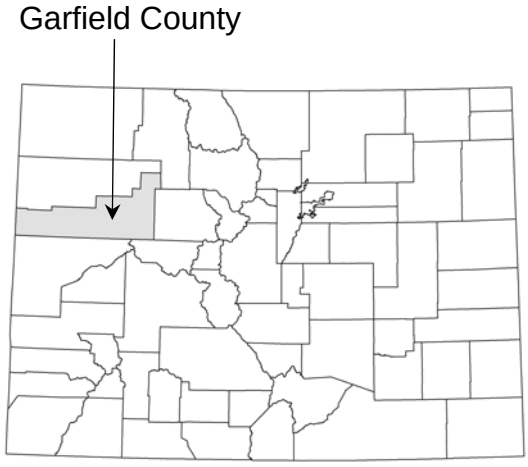
FLOOD INSURANCE STUDY

Volume 2 of 2

GARFIELD COUNTY, COLORADO

AND INCORPORATED AREAS

Community Name	*Community Number*
CARBONDALE, TOWN OF	080234
GARFIELD COUNTY (UNINCORPORATED AREAS)	080205
GLENWOOD SPRINGS, CITY OF	080071
NEW CASTLE, TOWN OF	080256
PARACHUTE, TOWN OF	080215
RIFLE, CITY OF	085078
SILT, TOWN OF	080223



REVISED PRELIMINARY
OCTOBER 15, 2015

Effective: TBD

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
08045CV002A

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.

Selected Flood Insurance Rate Map panels for this community contain information that was previously shown separately on the corresponding Flood Boundary and Floodway Map panels (e.g., floodways, cross-sections). In addition, former flood hazard designations have been changed as follows:

Old Zones	New Zone
A1 through A6 and A8 and A9	AE
B	X
C	X

Initial Countywide FIS Effective Date: TBD

TABLE OF CONTENTS

Table of Contents -Volume 1

Page

1.0 INTRODUCTION 1

1.1 Purpose of Study 1
1.2 Authority and Acknowledgments 1
1.3 Coordination 3

2.0 AREA STUDIED 5

2.1 Scope of Study 5
2.2 Community Description 7
2.3 Principal Flood Problems 9
2.4 Flood Protection Measures 12

3.0 ENGINEERING METHODS 12

3.1 Hydrologic Analyses 13
3.2 Hydraulic Analyses 14
3.3 Vertical Datum 20

4.0 FLOOD PLAIN MANAGEMENT APPLICATIONS 22

4.1 Flood Boundaries 22
4.2 Floodways 22

5.0 INSURANCE APPLICATIONS 53

6.0 FLOOD INSURANCE RATE MAP 53

7.0 OTHER STUDIES 56

8.0 LOCATION OF DATA 58

9.0 BIBLIOGRAPHY AND REFERENCES 58

Table of Contents - Volume 1 - Continued

Page

FIGURES

Figure 1 – Floodway Schematic 23

TABLES

Table 1 – Streams Studied by Detailed Methods 6
Table 2 – Manning's "n" Values 16
Table 3 – Summary of Discharges 18
Table 4 – Datum Conversion Factors 21
Table 5 – Floodway Data Tables 24
Table 6 – Community Map History 55
Table 7 – Summary of LOMCs 57

EXHIBITS

Exhibit 1 – Flood Profiles

Alkali Creek	Panels 01P-02P
Cattle Creek	Panels 03P-13P
Colorado River	Panels 14P-27P
Crystal River	Panels 28P-33P

Table of Contents - Volume 2

Exhibit 1 – Flood Profiles-continued

Fourmile Creek	Panels 34P-61P
Government Creek	Panels 62P-69P
Hubbard Gulch	Panels 70P-76P
Mitchell Creek	Panels 77P-85P
Mitchell Creek-Right Overbank Split Flow	Panel 86P
Parachute Creek	Panels 87P-88P
Rifle Creek	Panels 89P-114P
Rifle Creek Splitflow	Panels 115P-116P
Roaring Fork River	Panels 117P-138P
Threemile Creek	Panels 139P-143P

Exhibit 2 – Flood Insurance Rate Map Index
Flood Insurance Rate Map

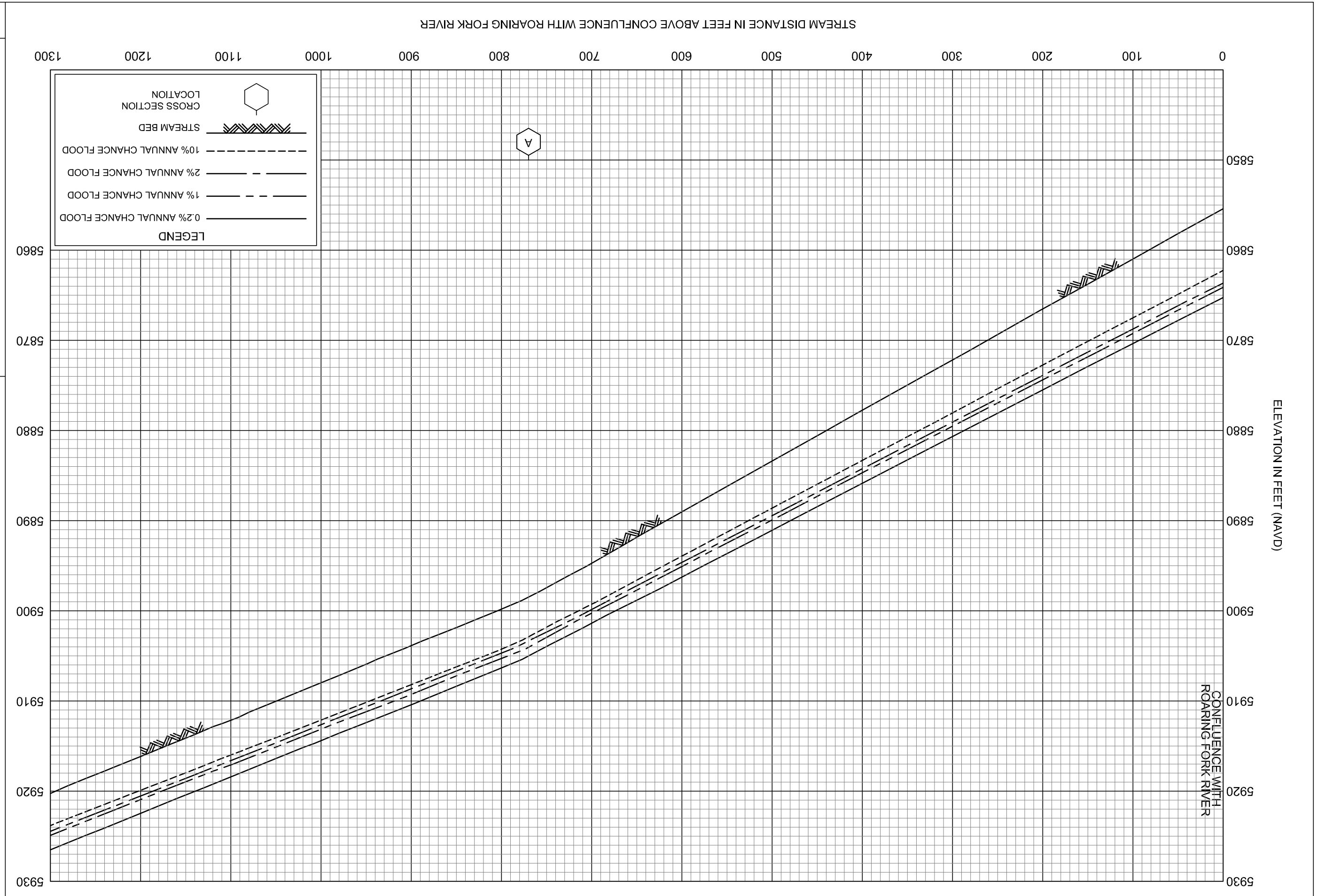
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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AND INCORPORATED AREAS

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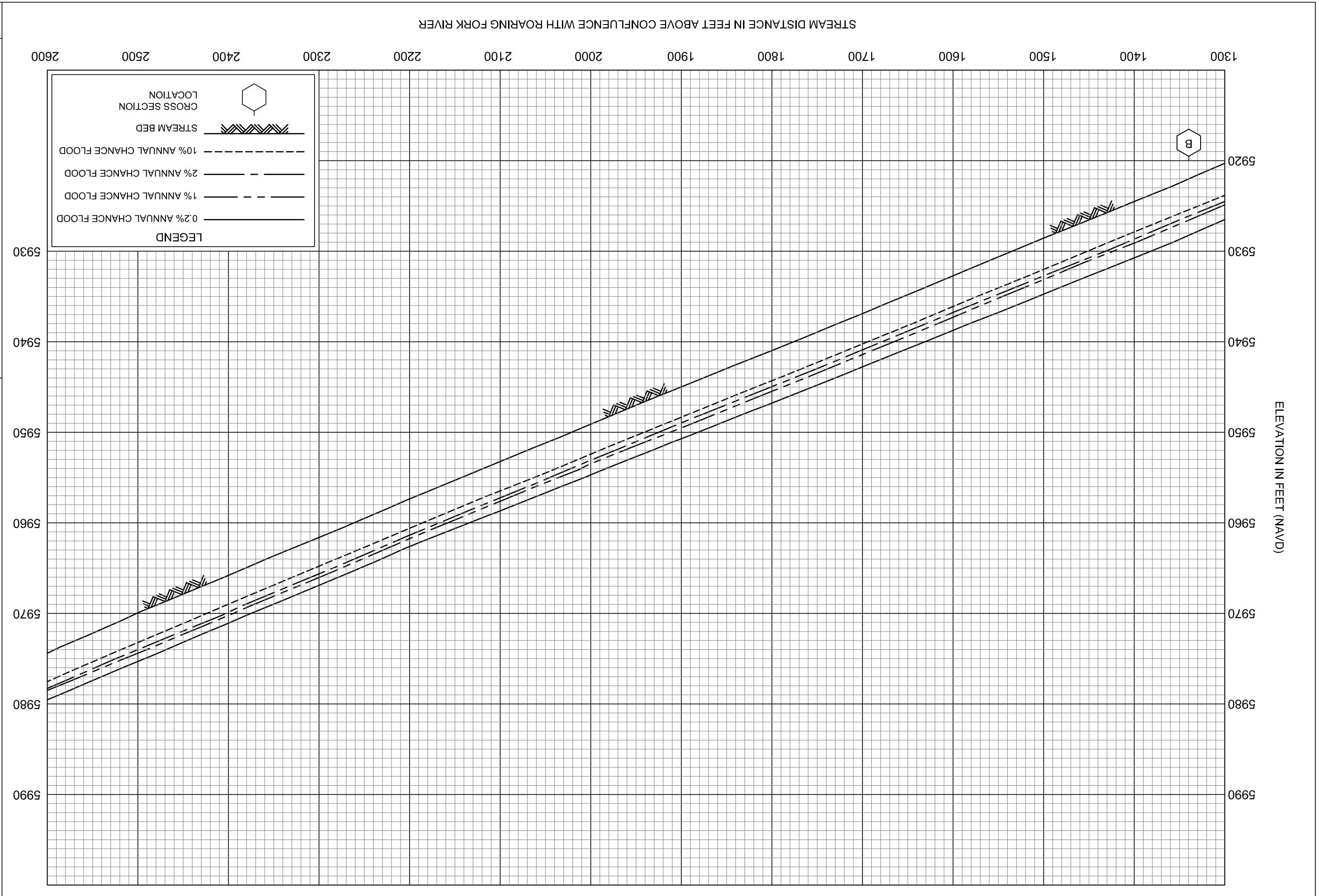

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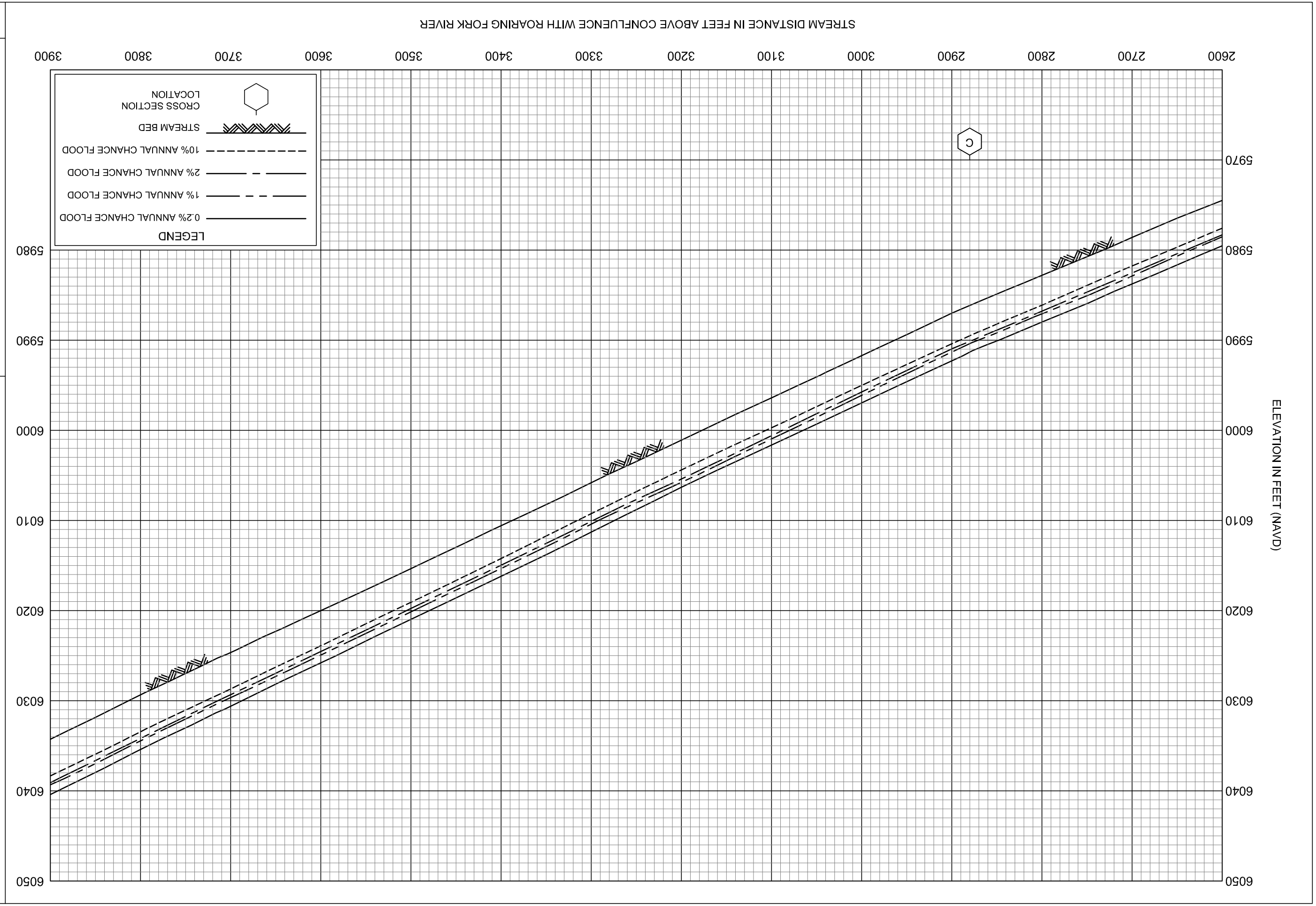
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FOURMILE CREEK

FLOOD PROFILES



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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

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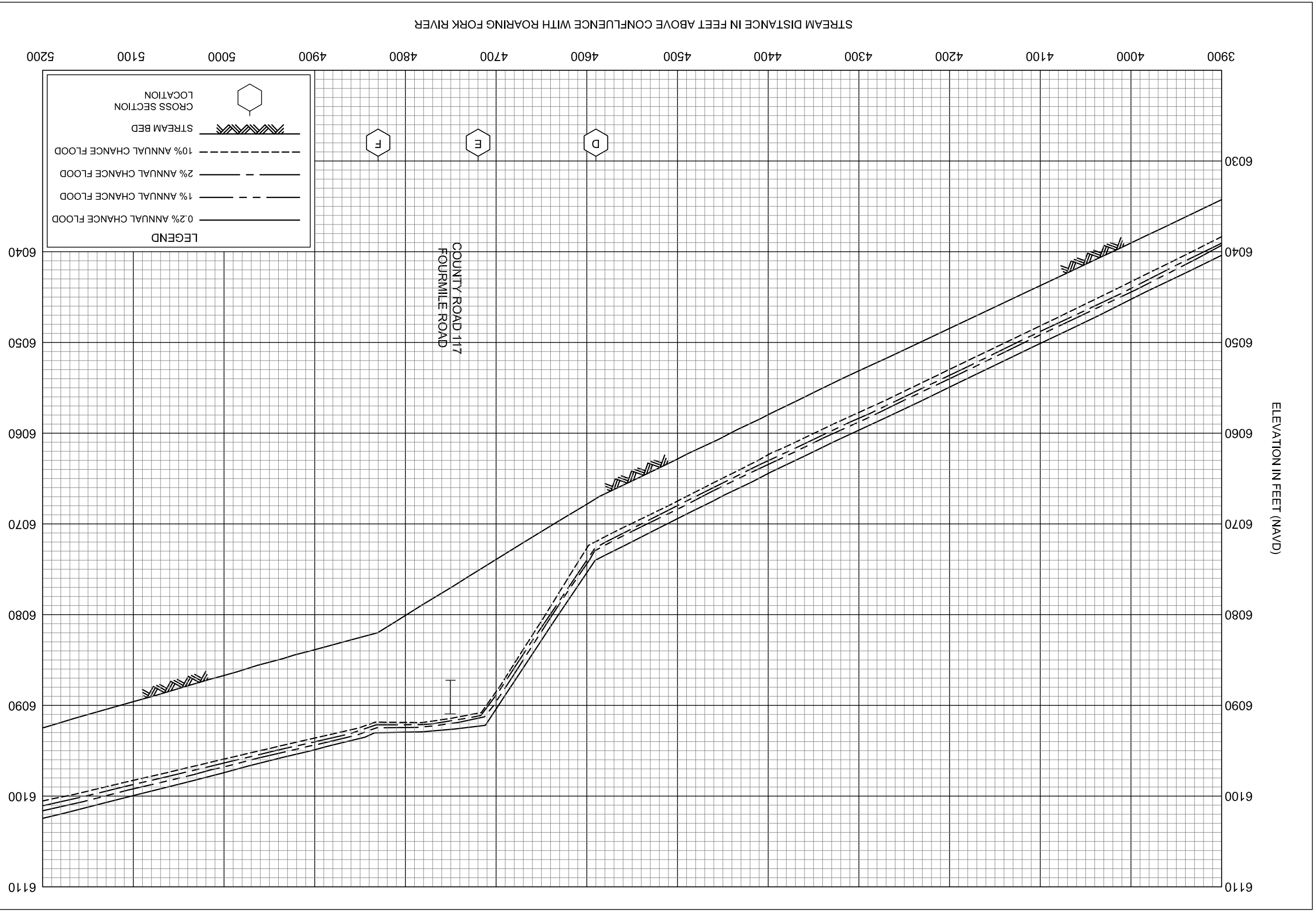

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

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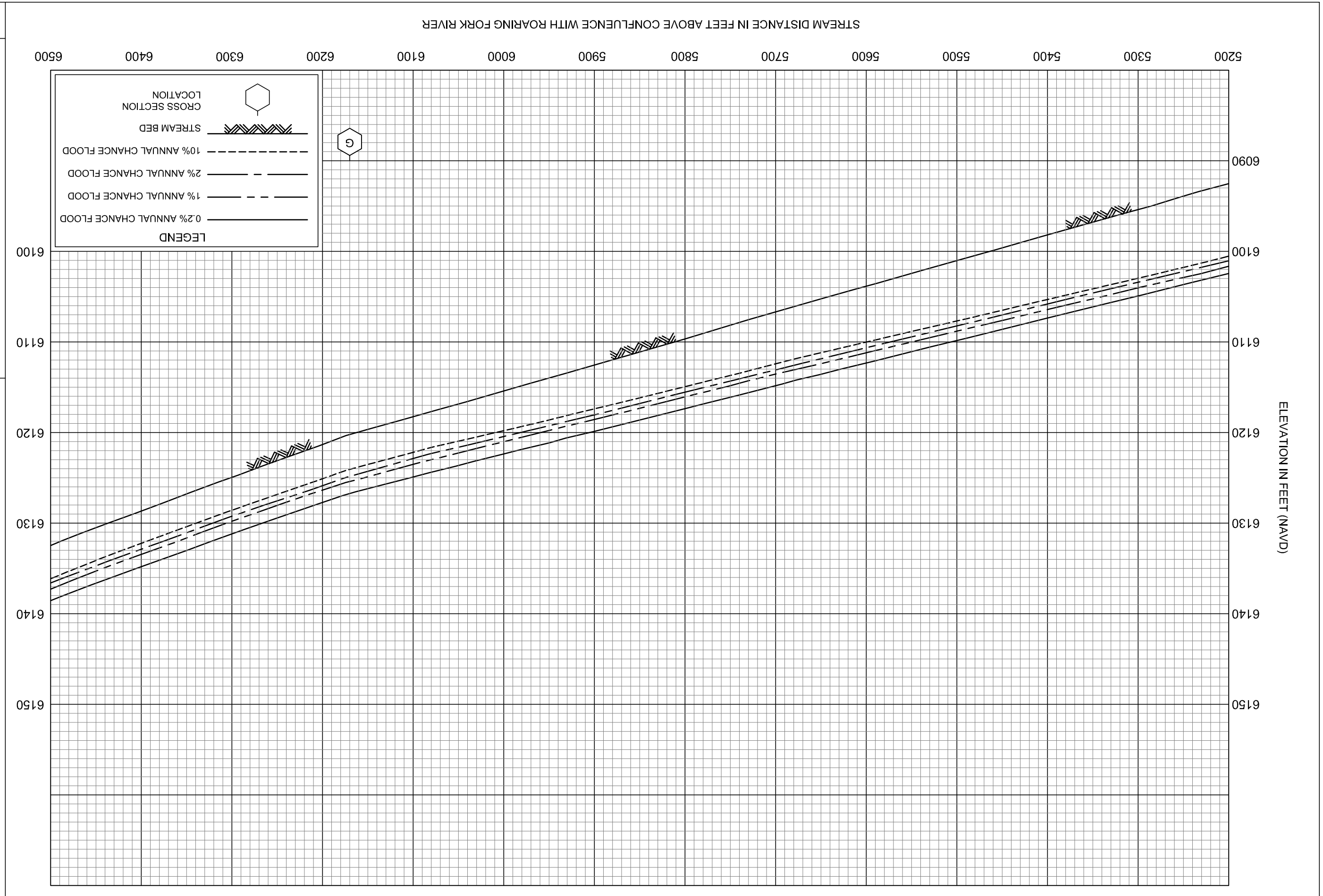

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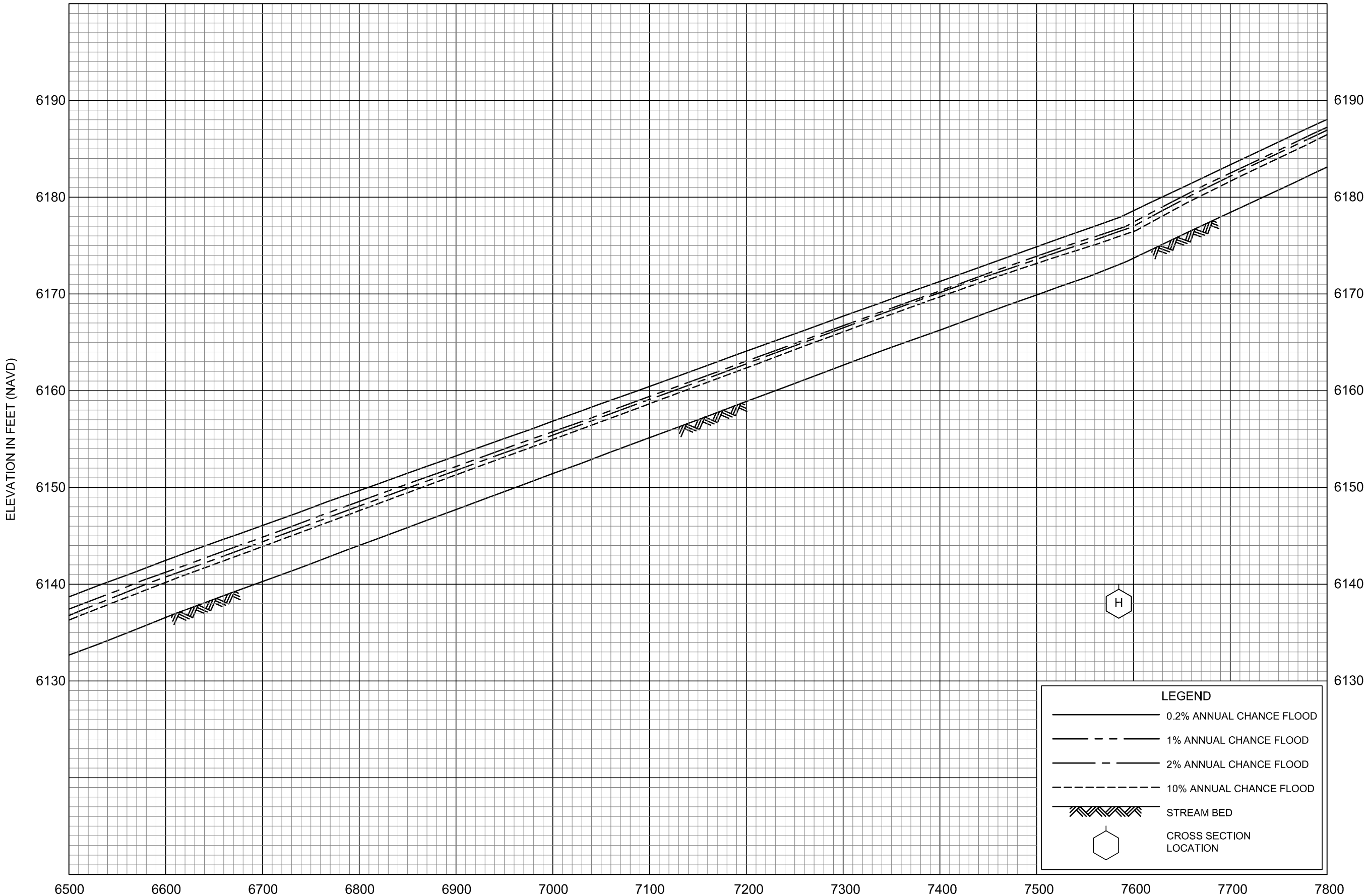

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FOURMILE CREEK

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

39P

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

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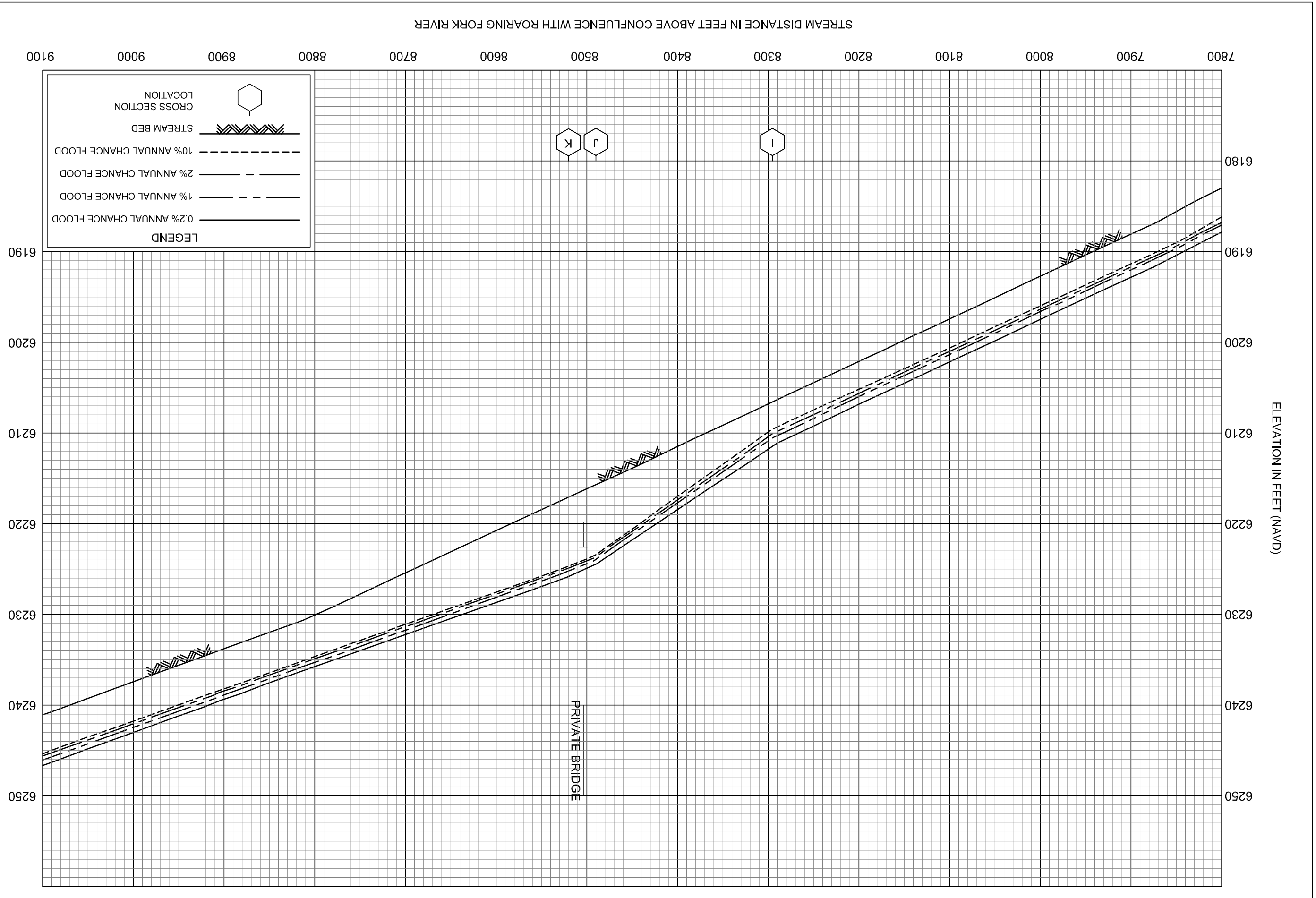

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

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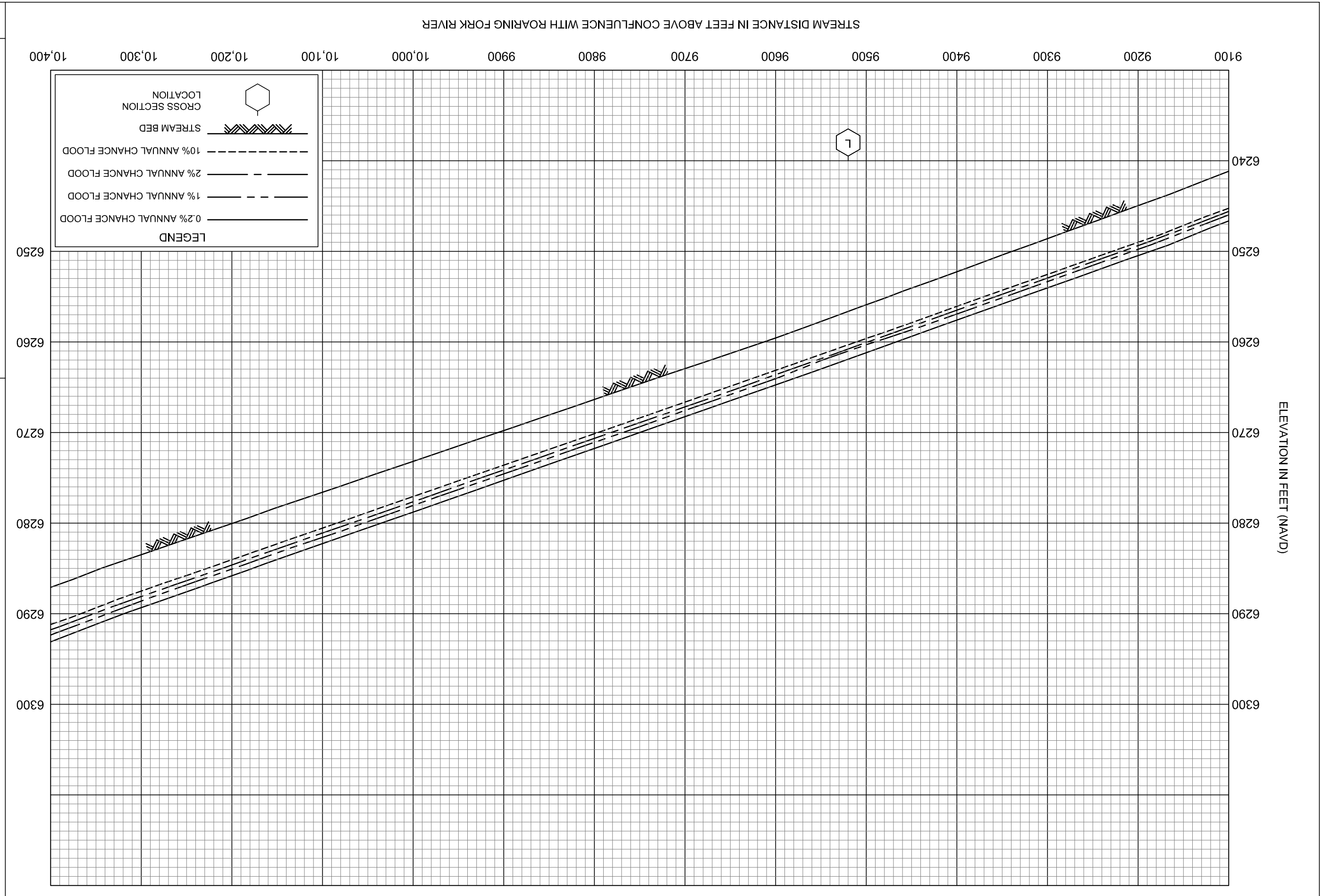

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AND INCORPORATED AREAS

FLOOD PROFILES

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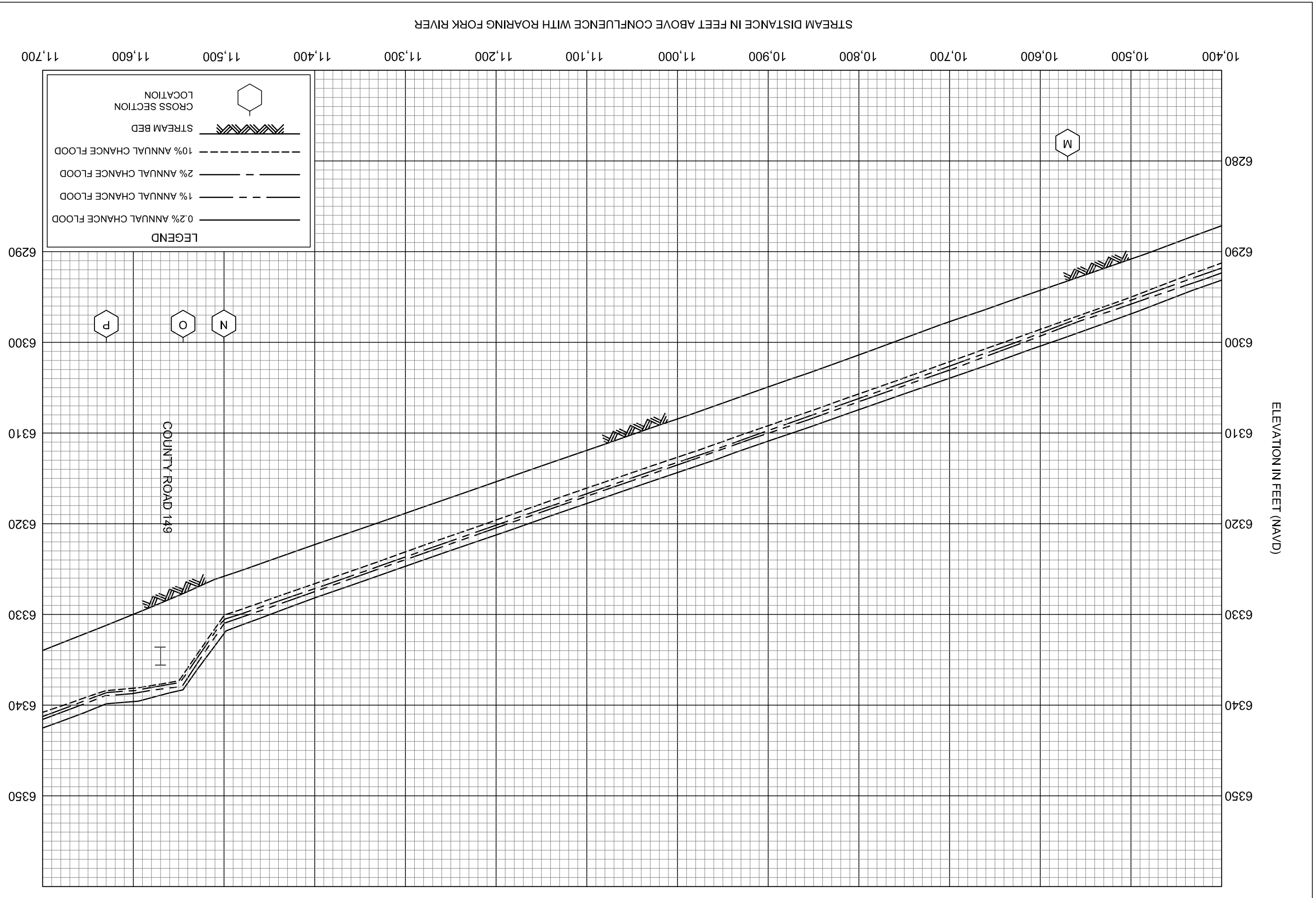

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AND INCORPORATED AREAS

FLOOD PROFILES

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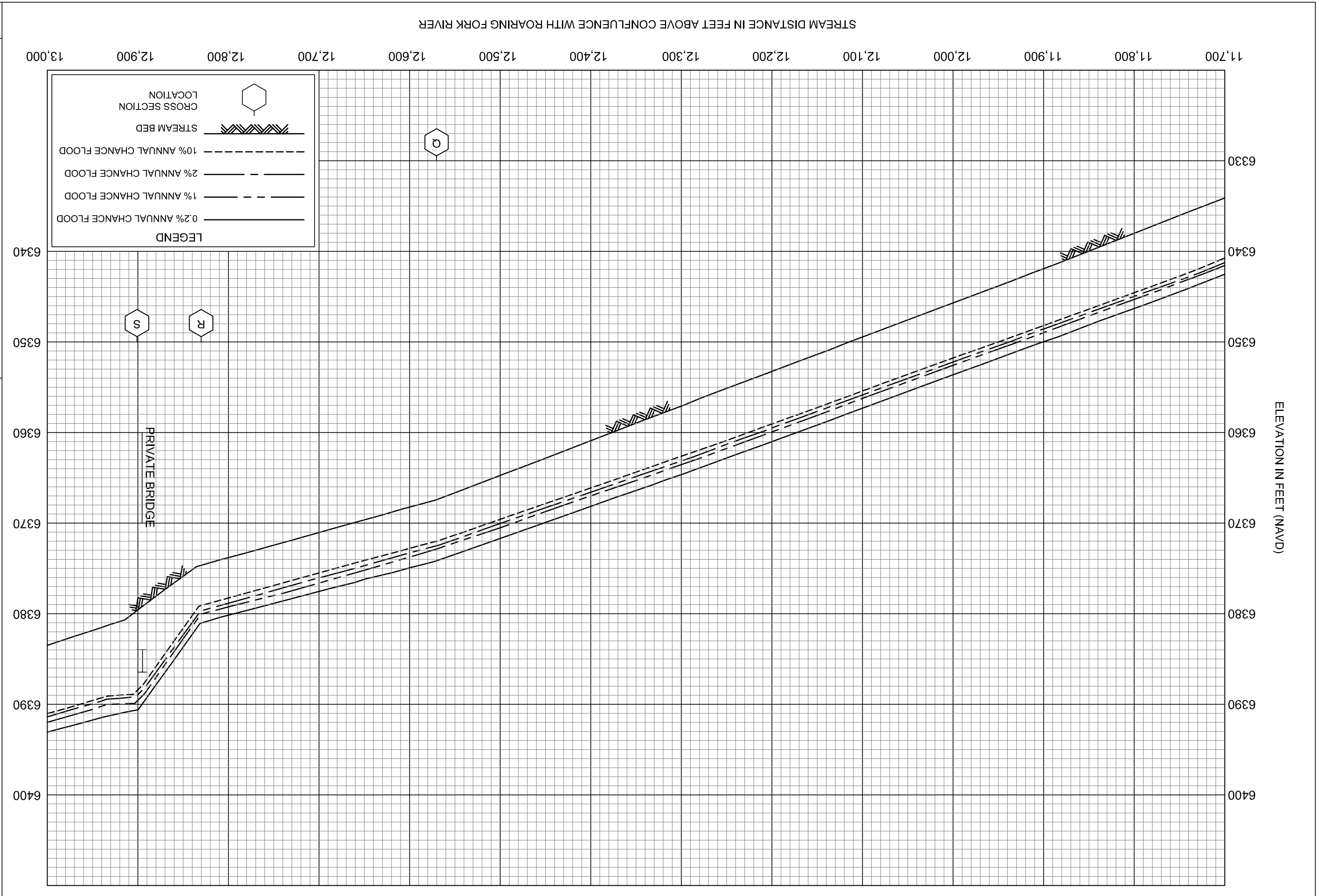

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AND INCORPORATED AREAS

FLOOD PROFILES

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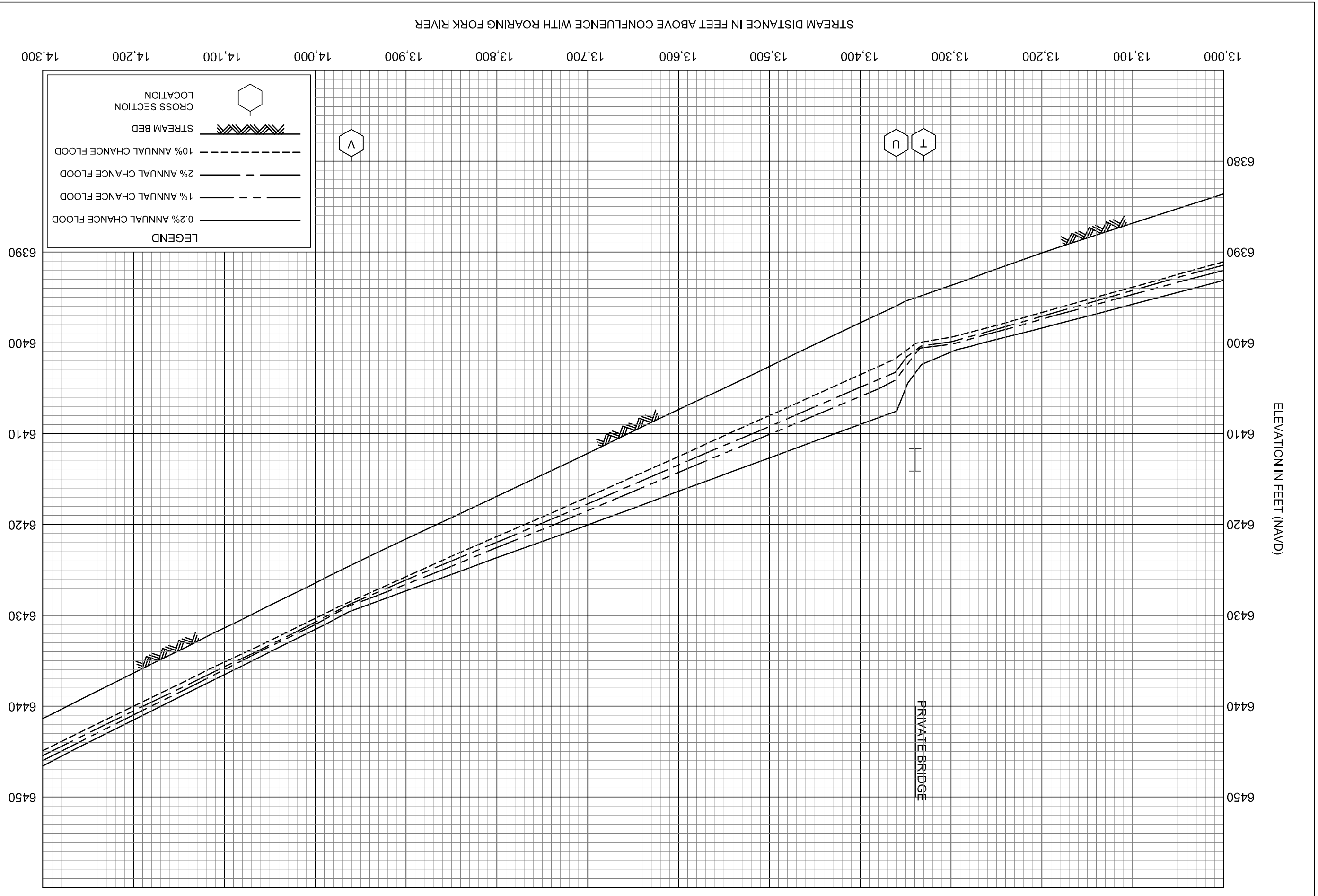

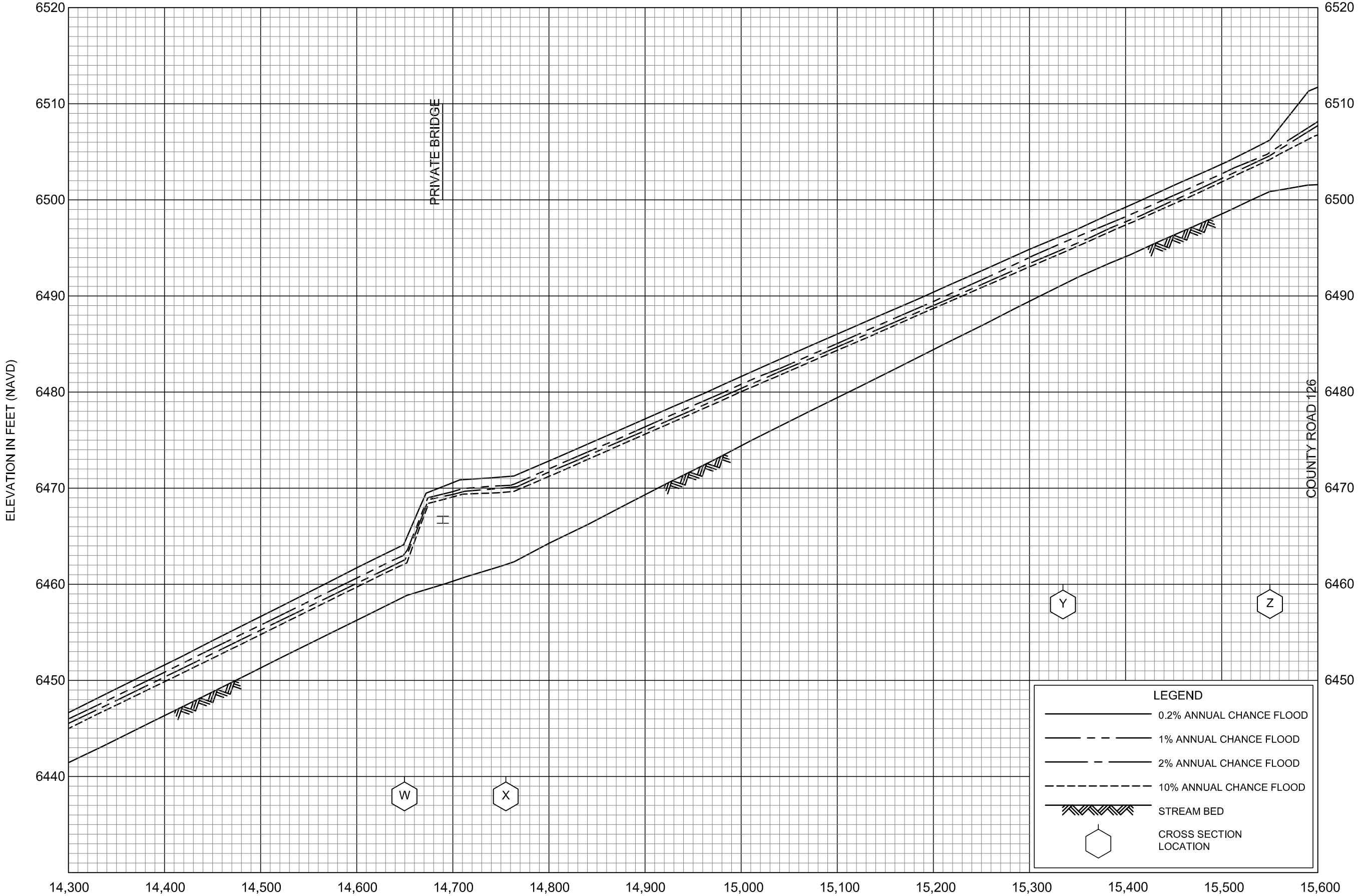

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

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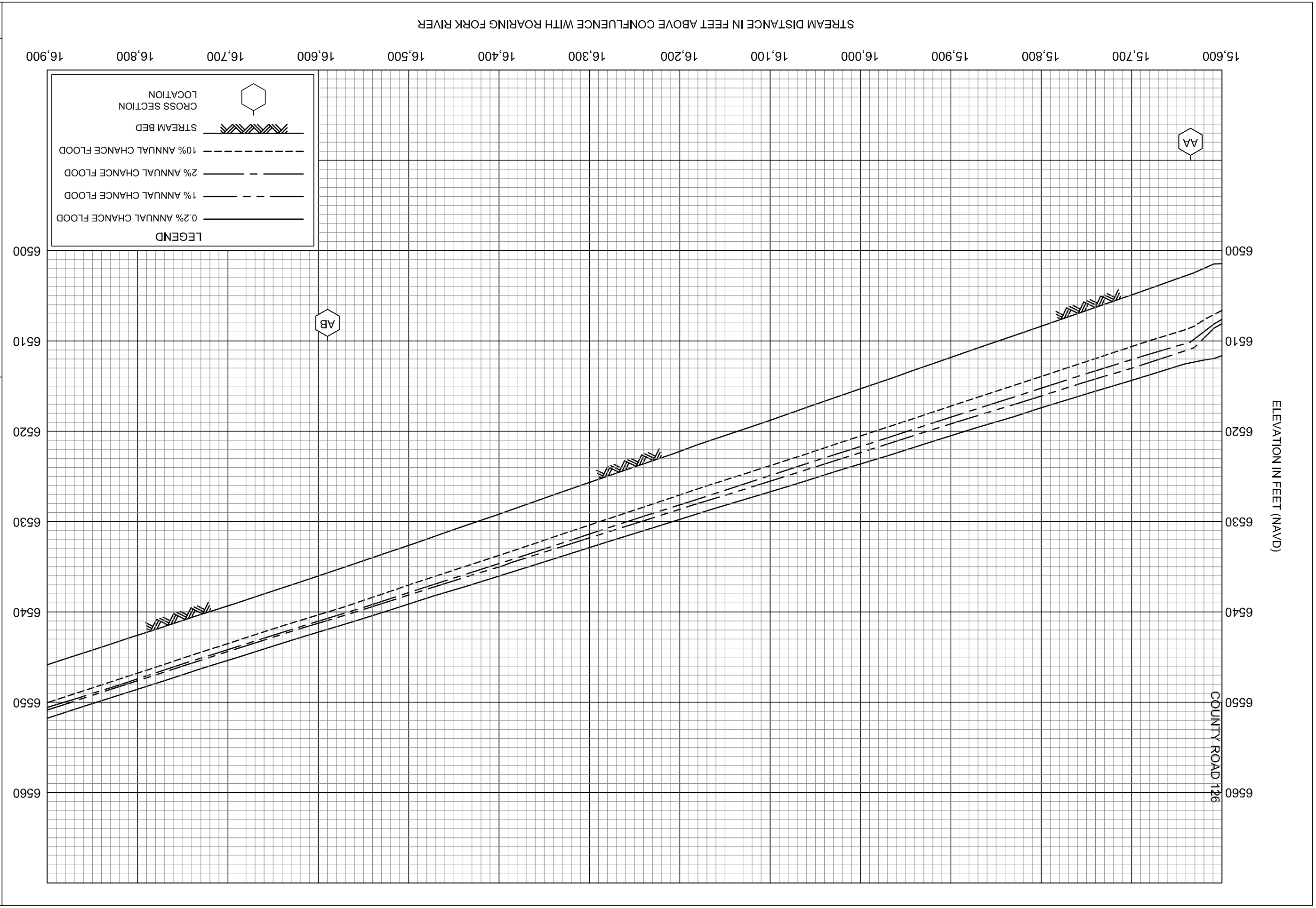
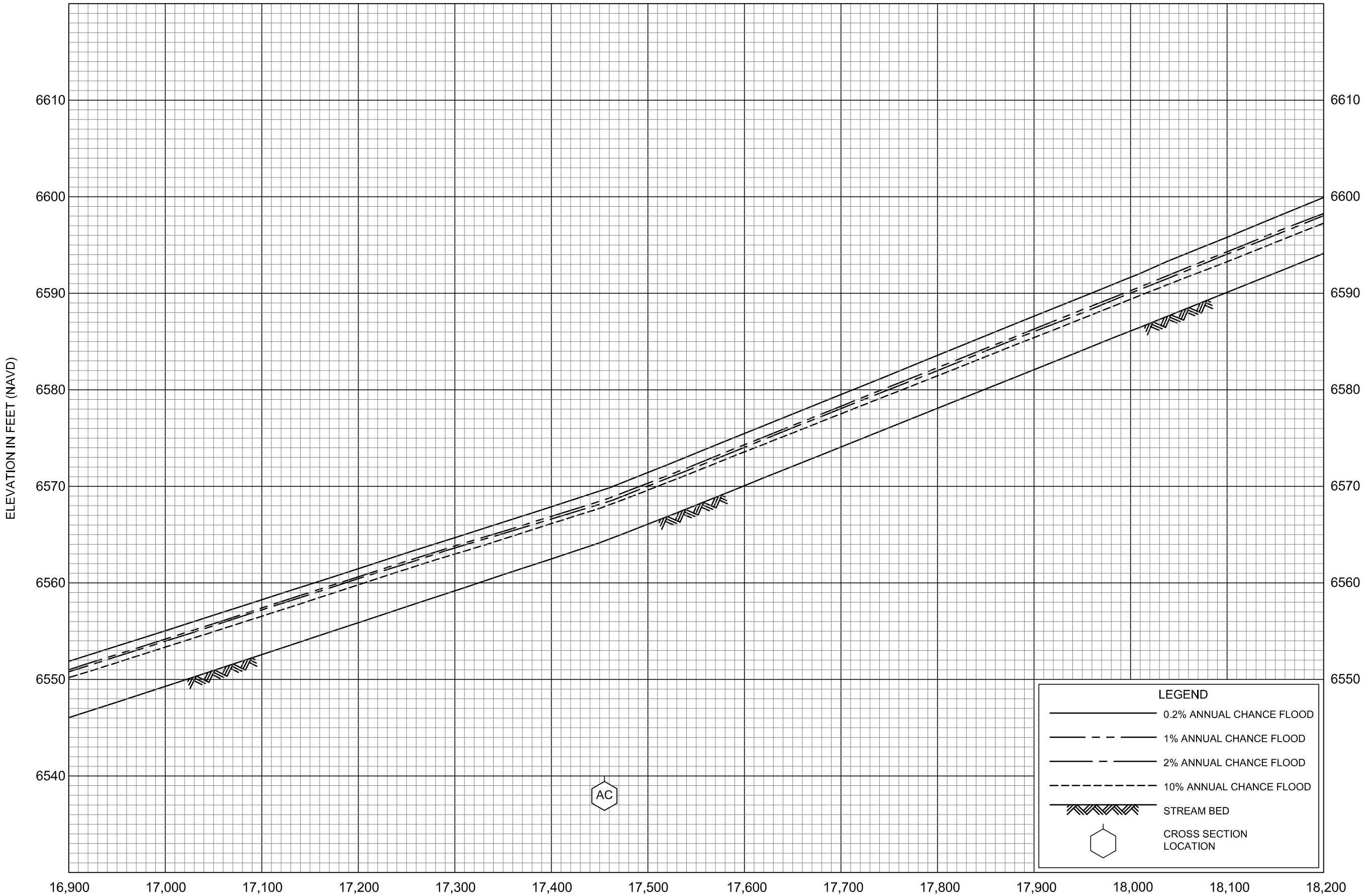
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK





FLOOD PROFILES

FOURMILE CREEK

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

47P

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

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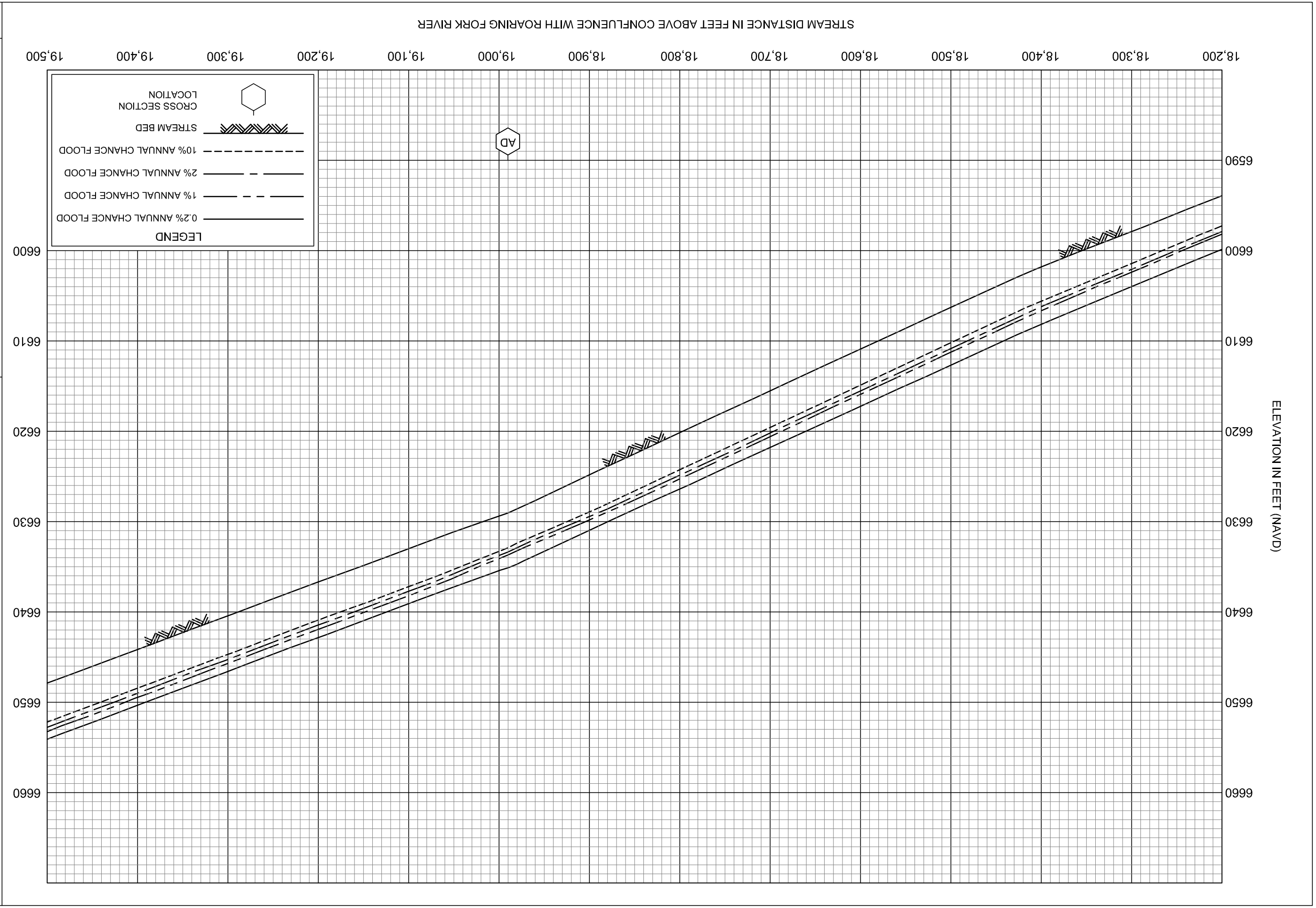

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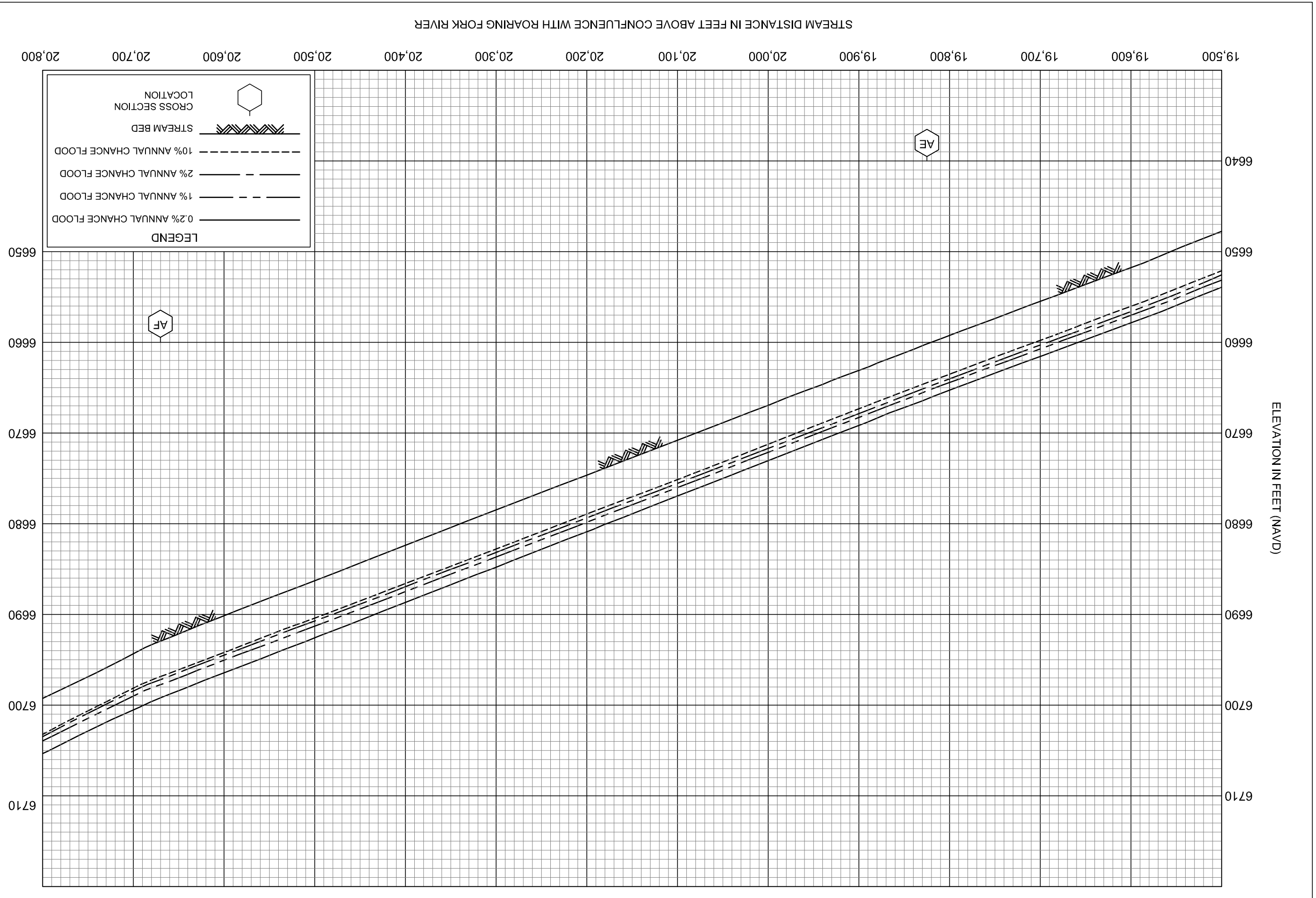
AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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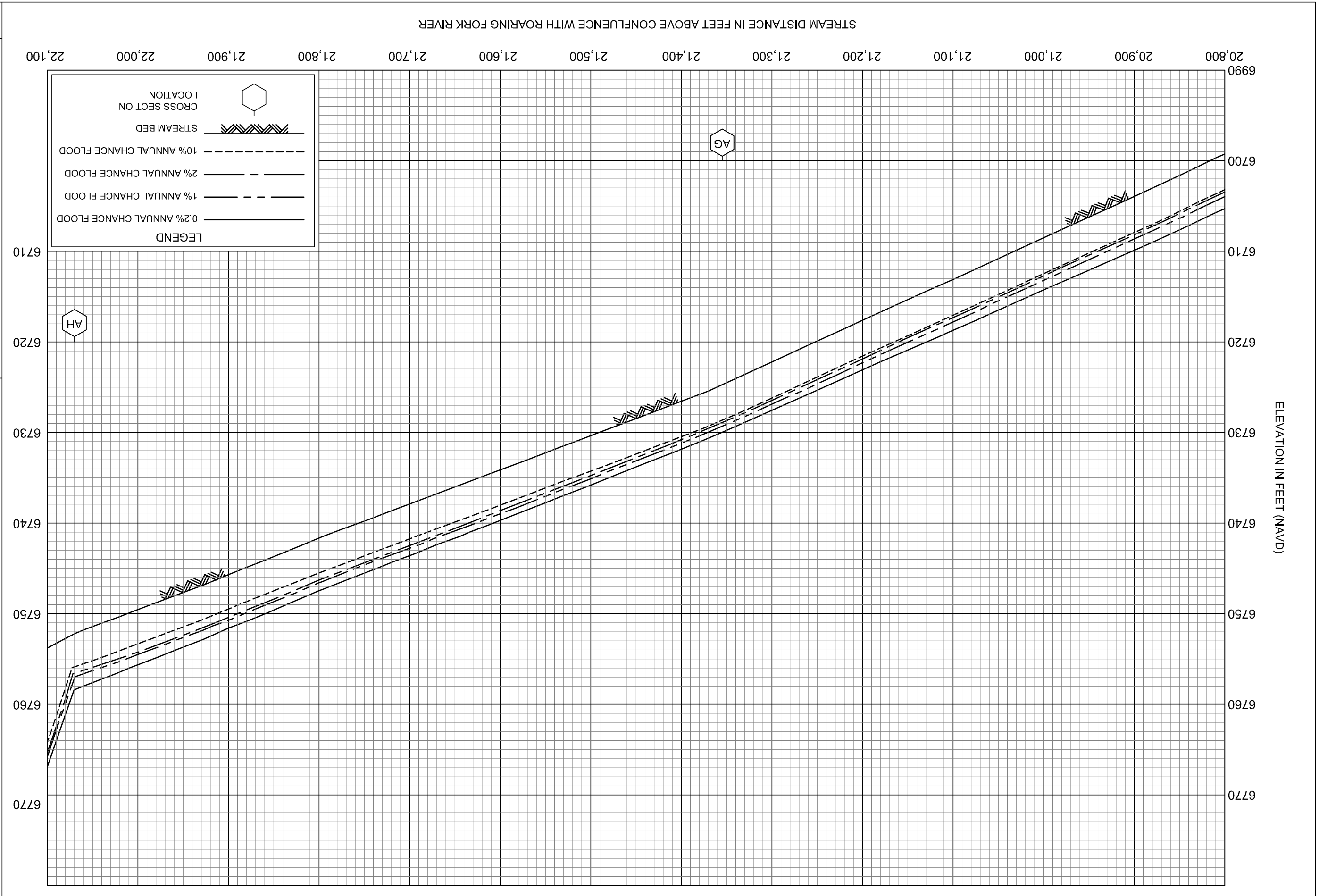
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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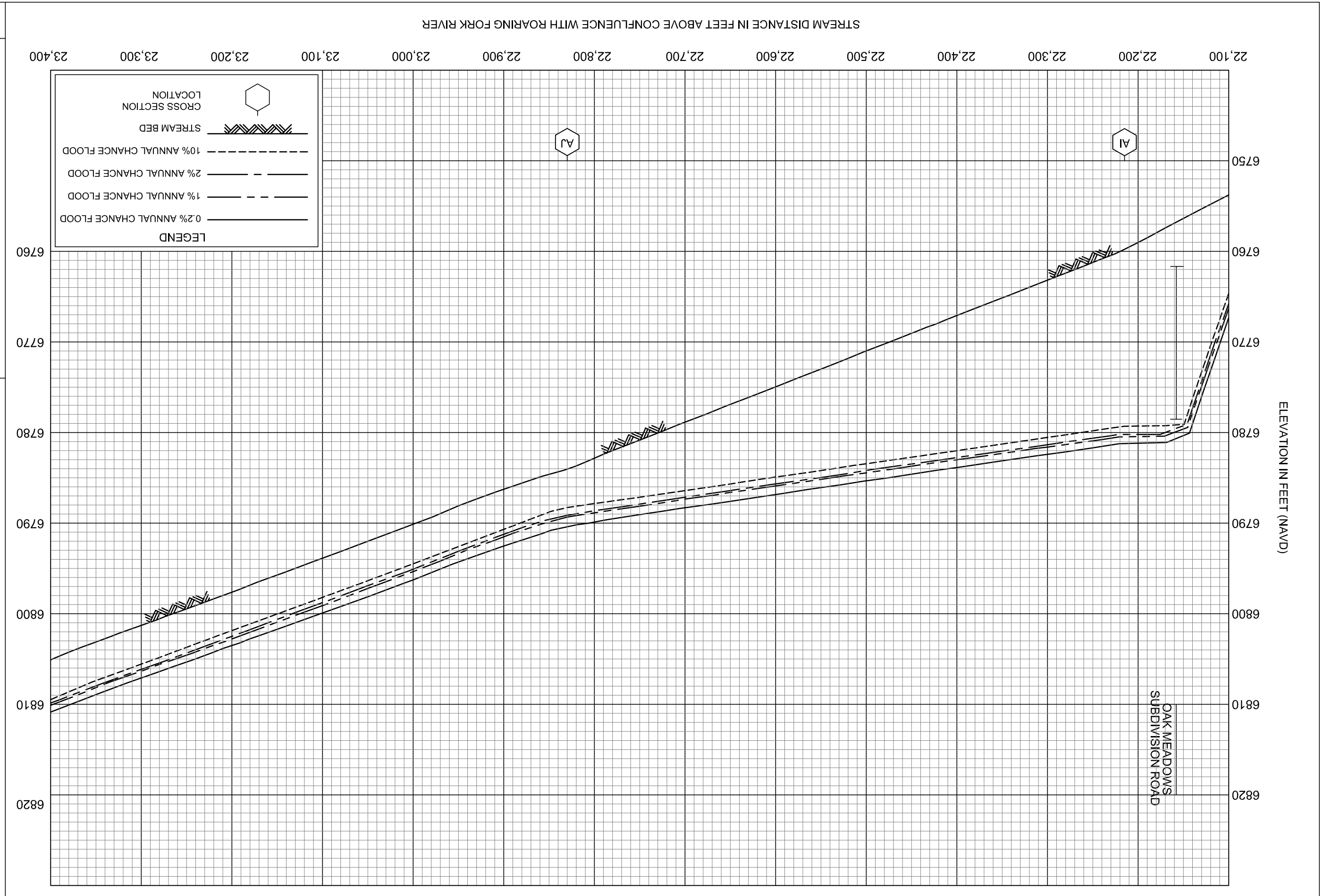
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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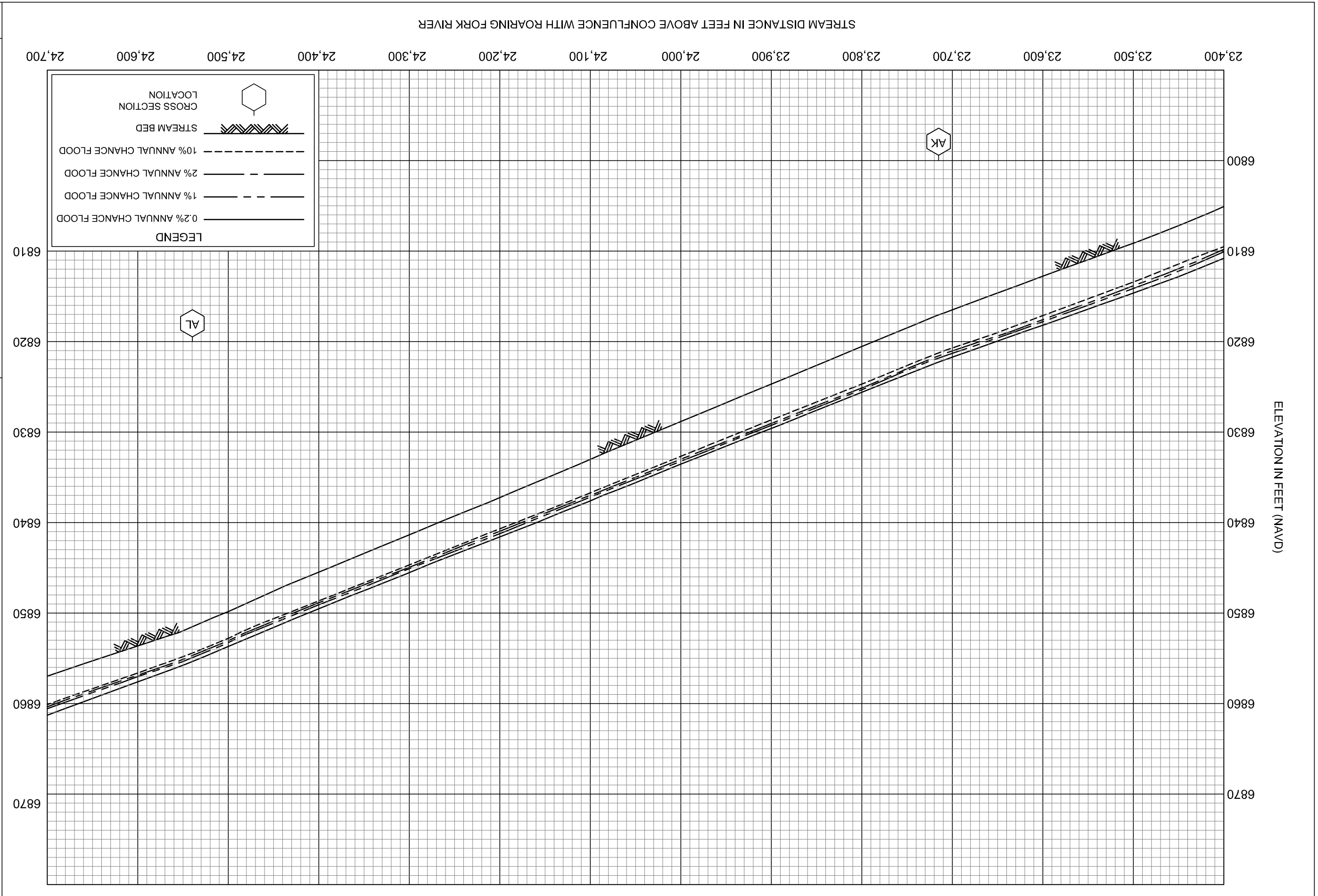
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FOURMILE CREEK

FLOOD PROFILES



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FEDERAL EMERGENCY MANAGEMENT AGENCY

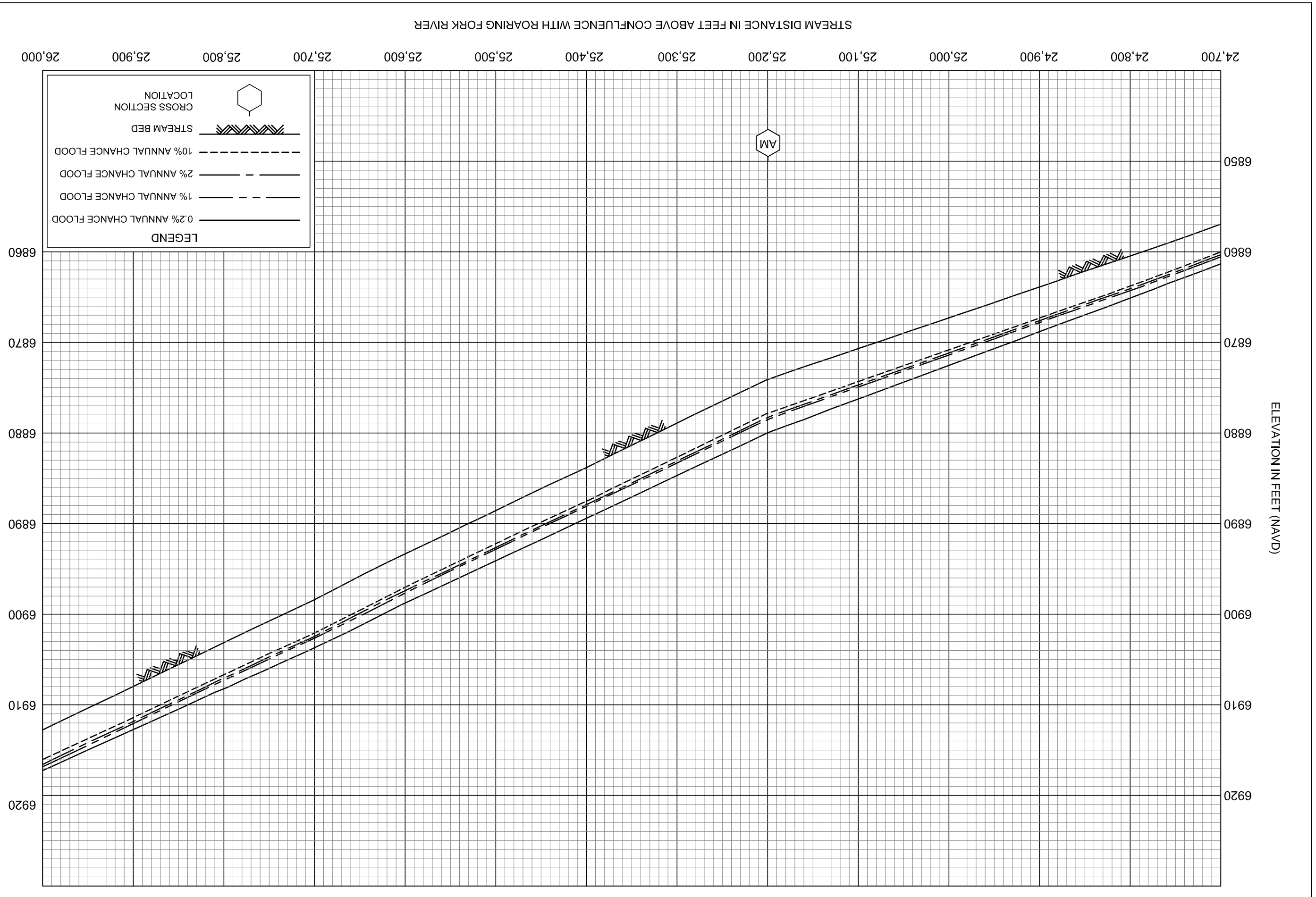
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK

53P



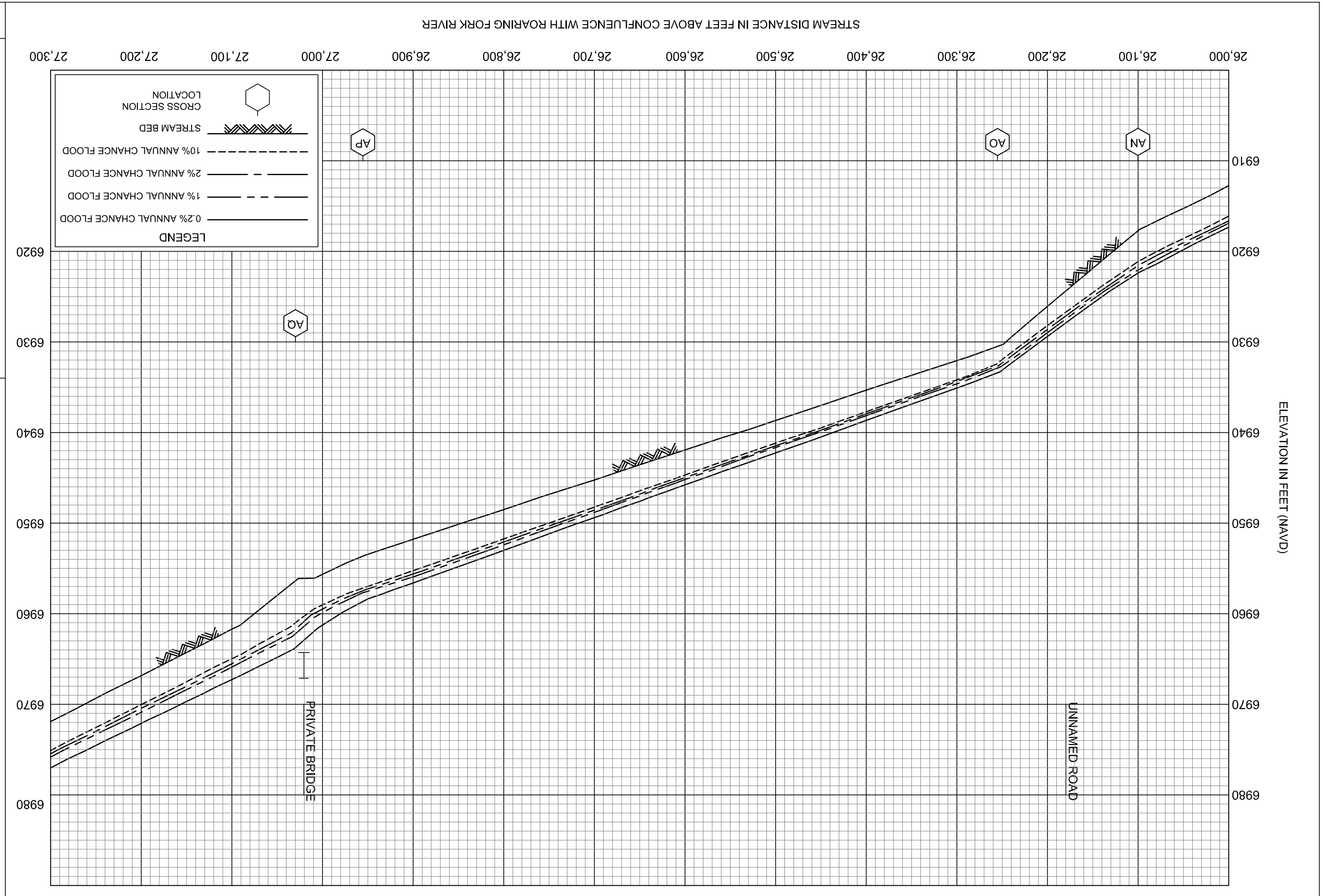
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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FEDERAL EMERGENCY MANAGEMENT AGENCY

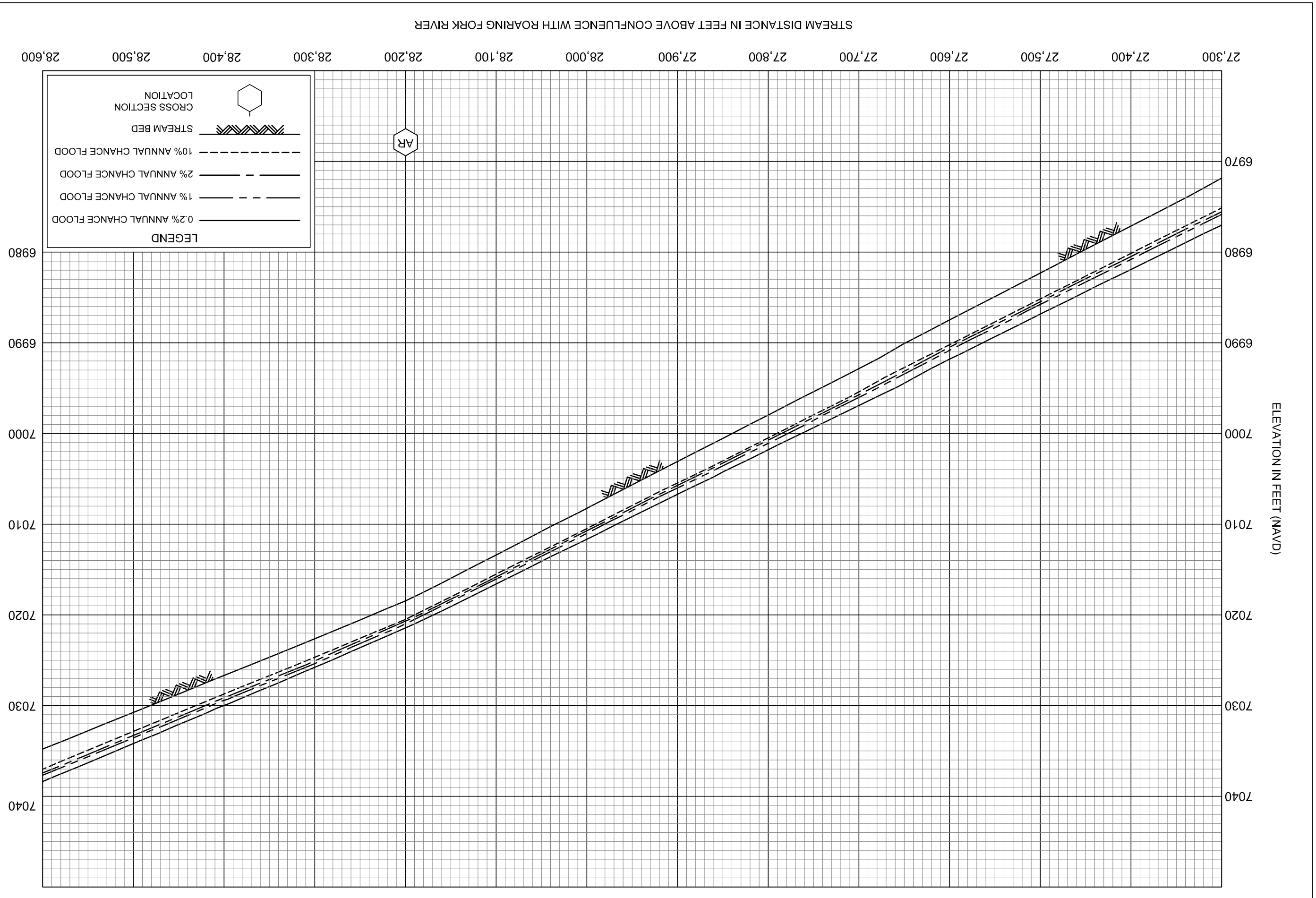
GARFIELD COUNTY, CO

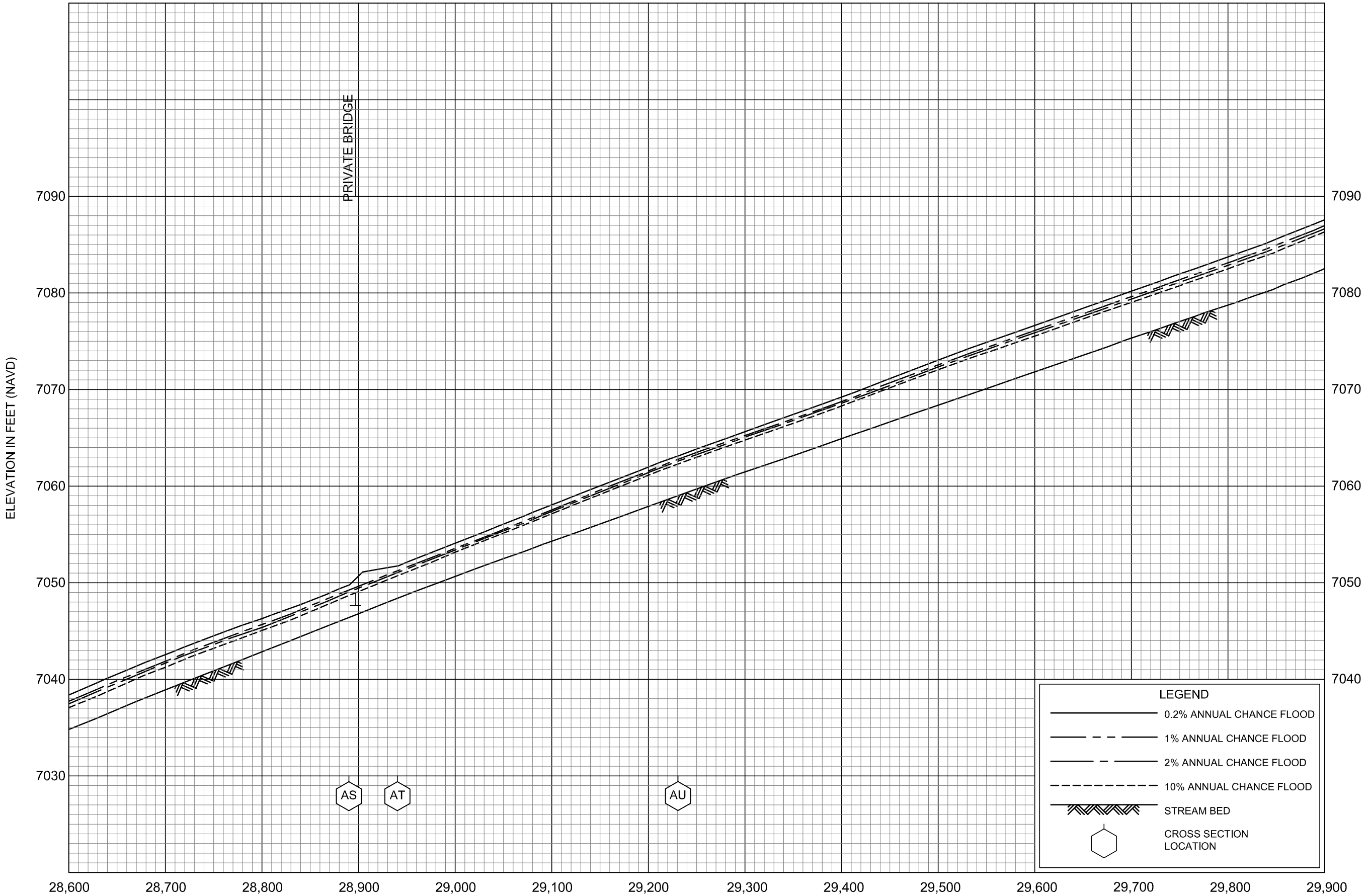
AND INCORPORATED AREAS

FOURMILE CREEK

FLOOD PROFILES

55P





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FOURMILE CREEK

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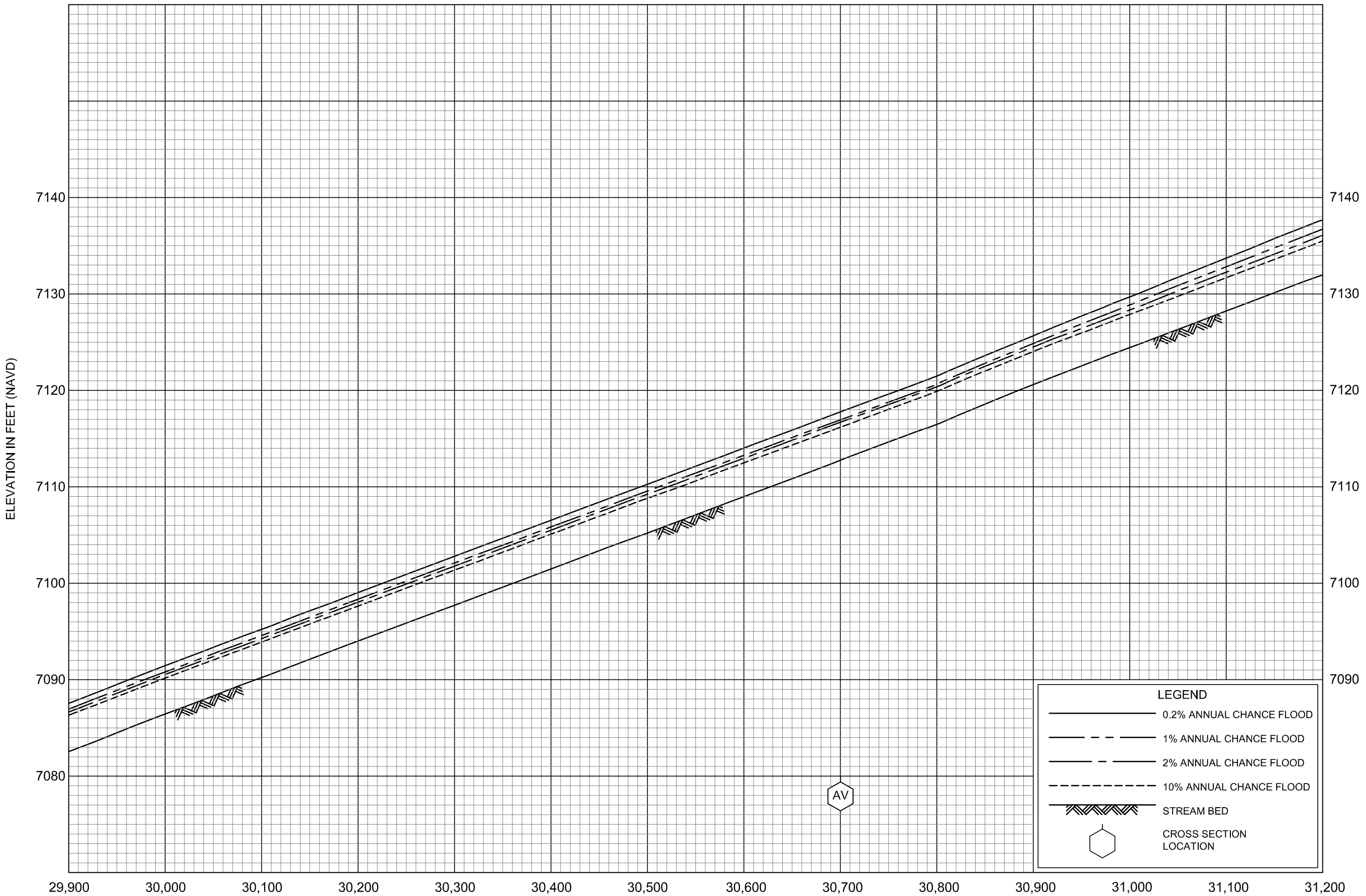
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

56P



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FOURMILE CREEK

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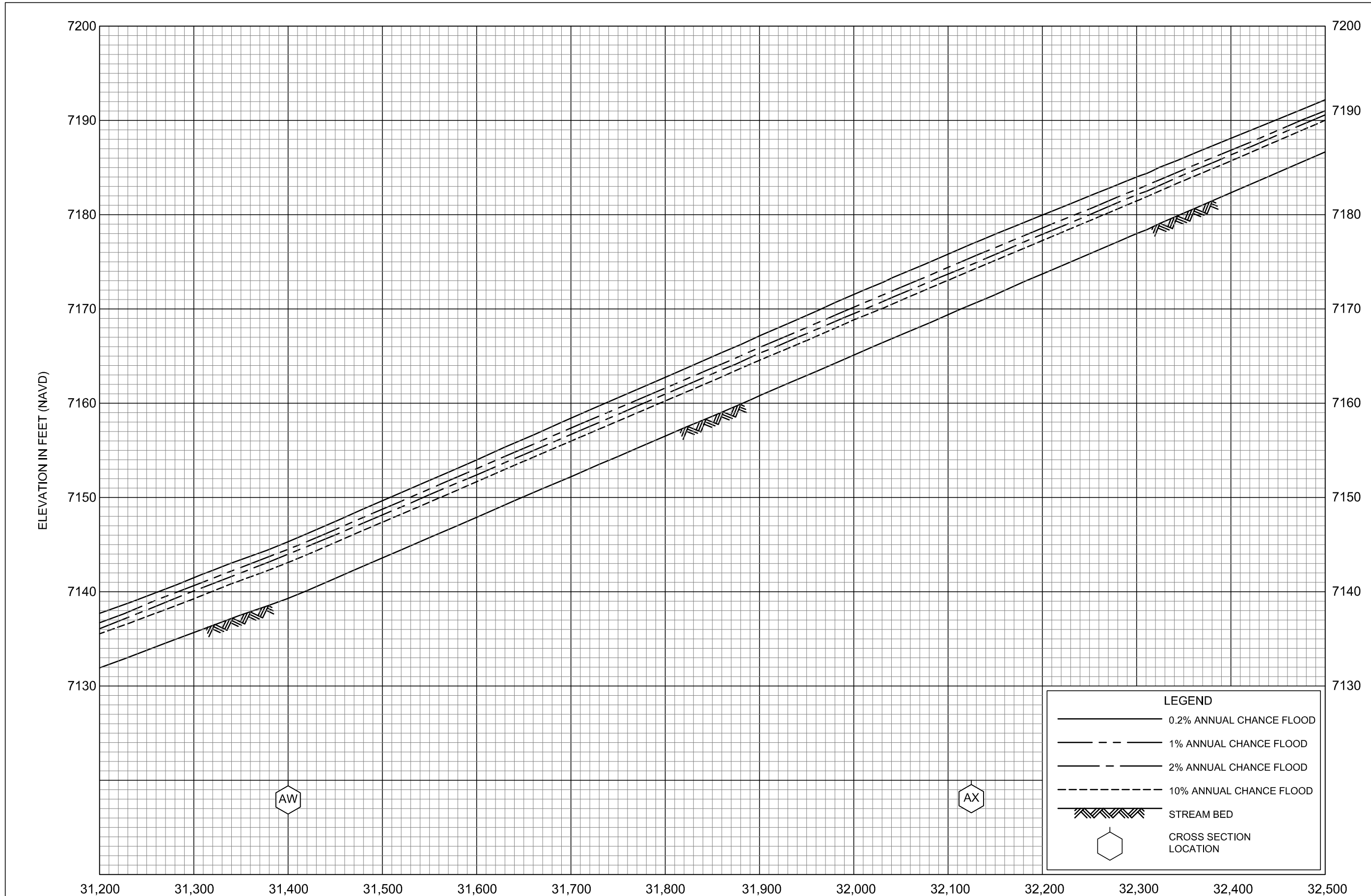
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

57P



FLOOD PROFILES

FOURMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

58P

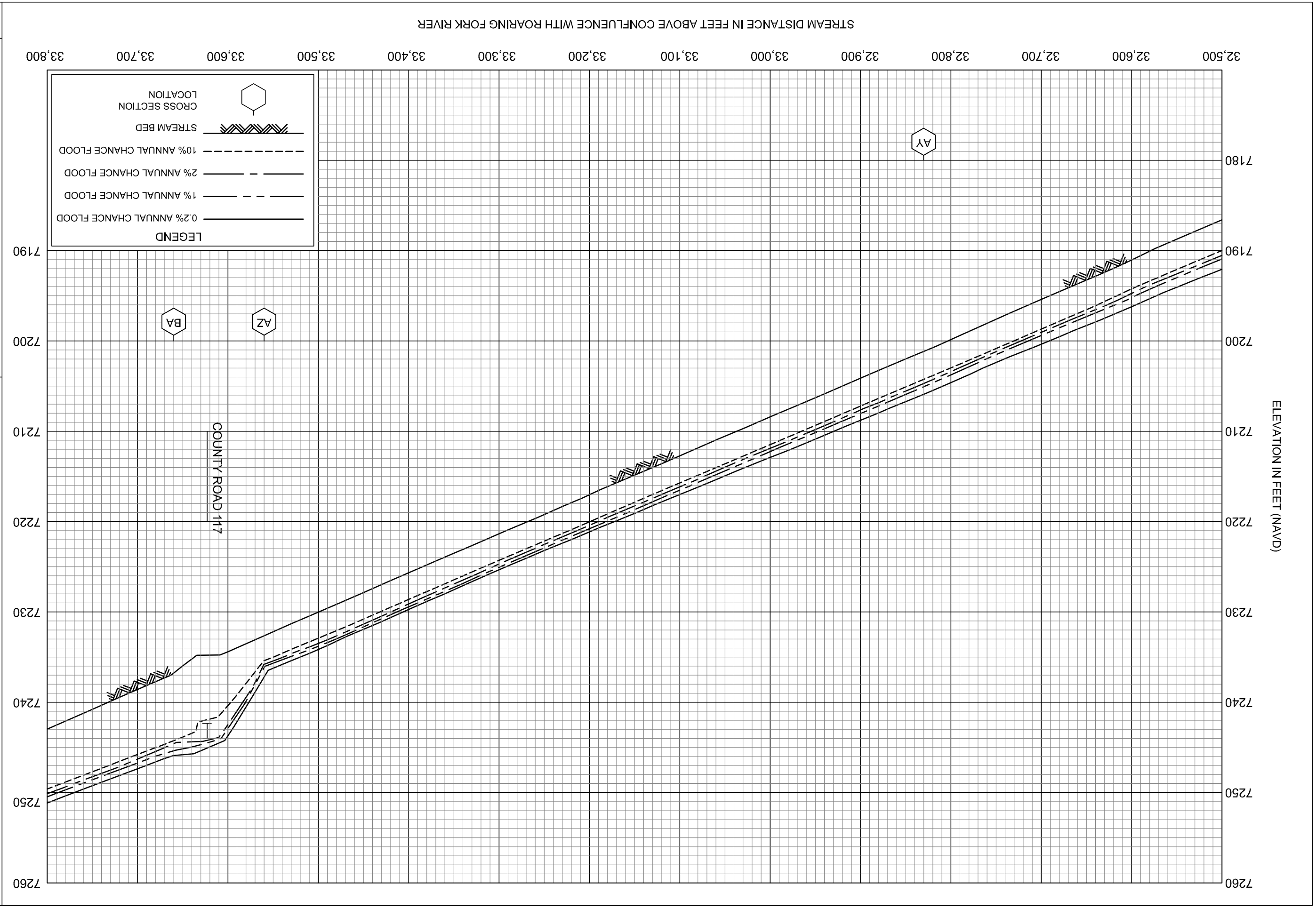
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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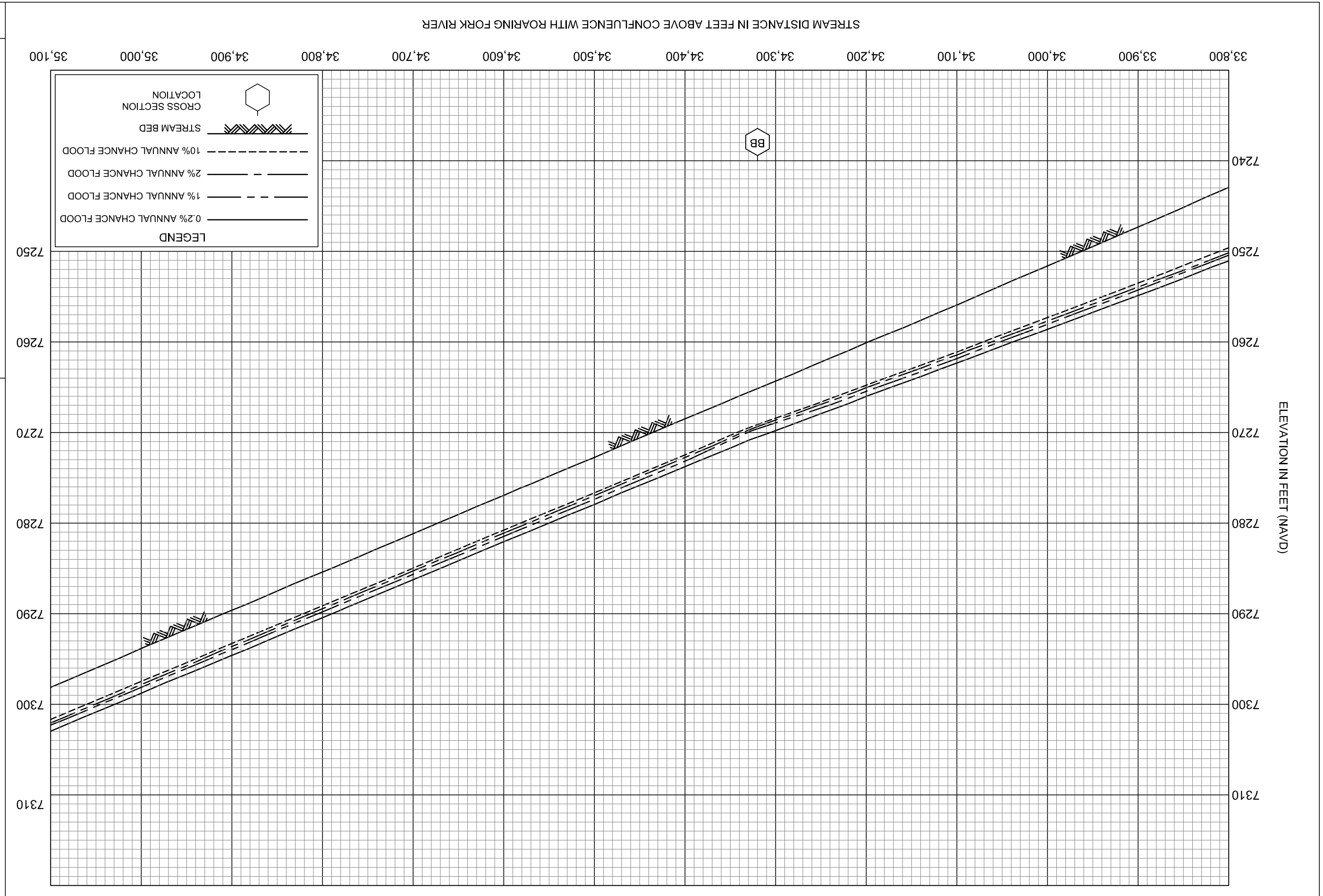
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK



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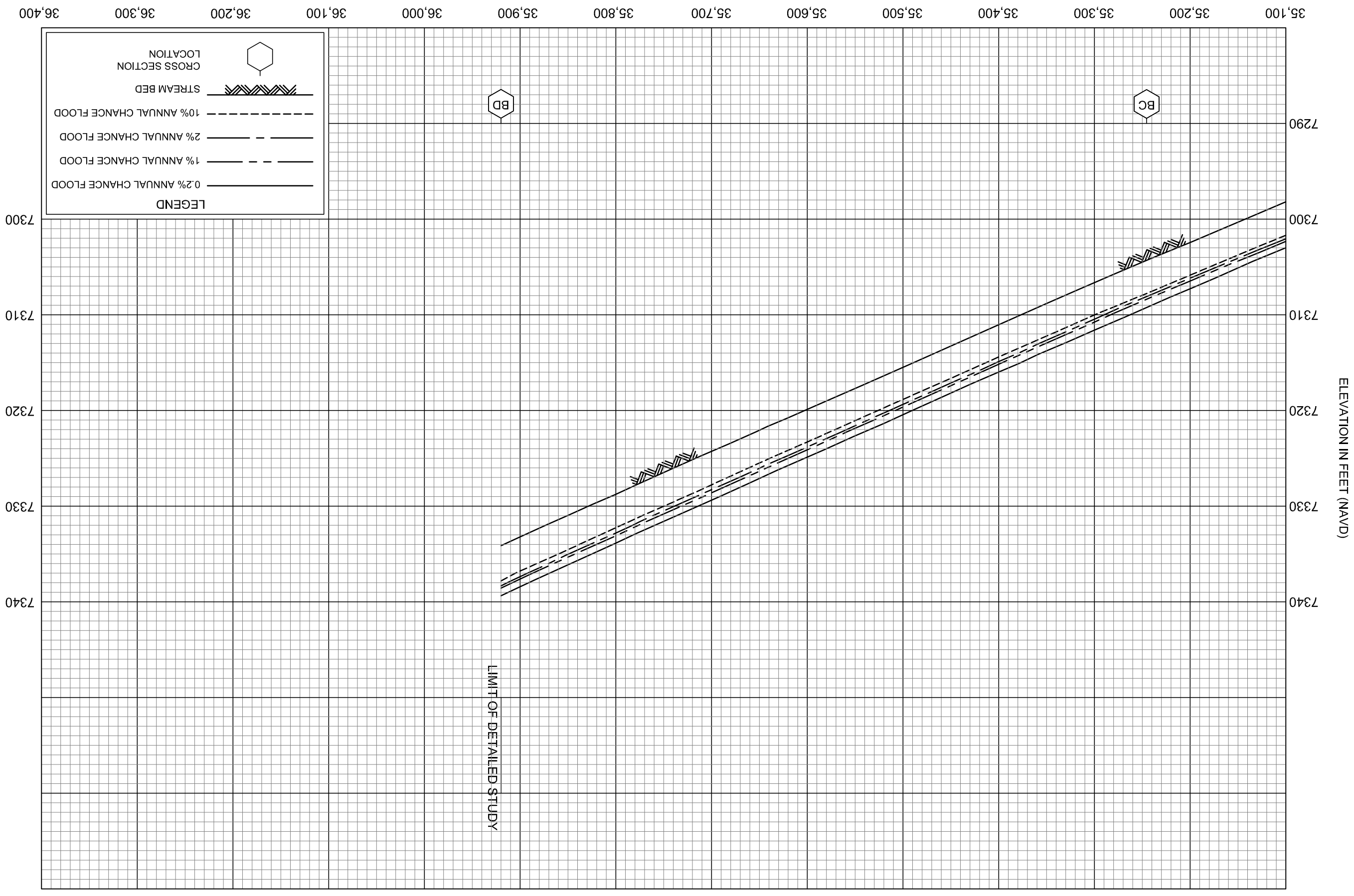
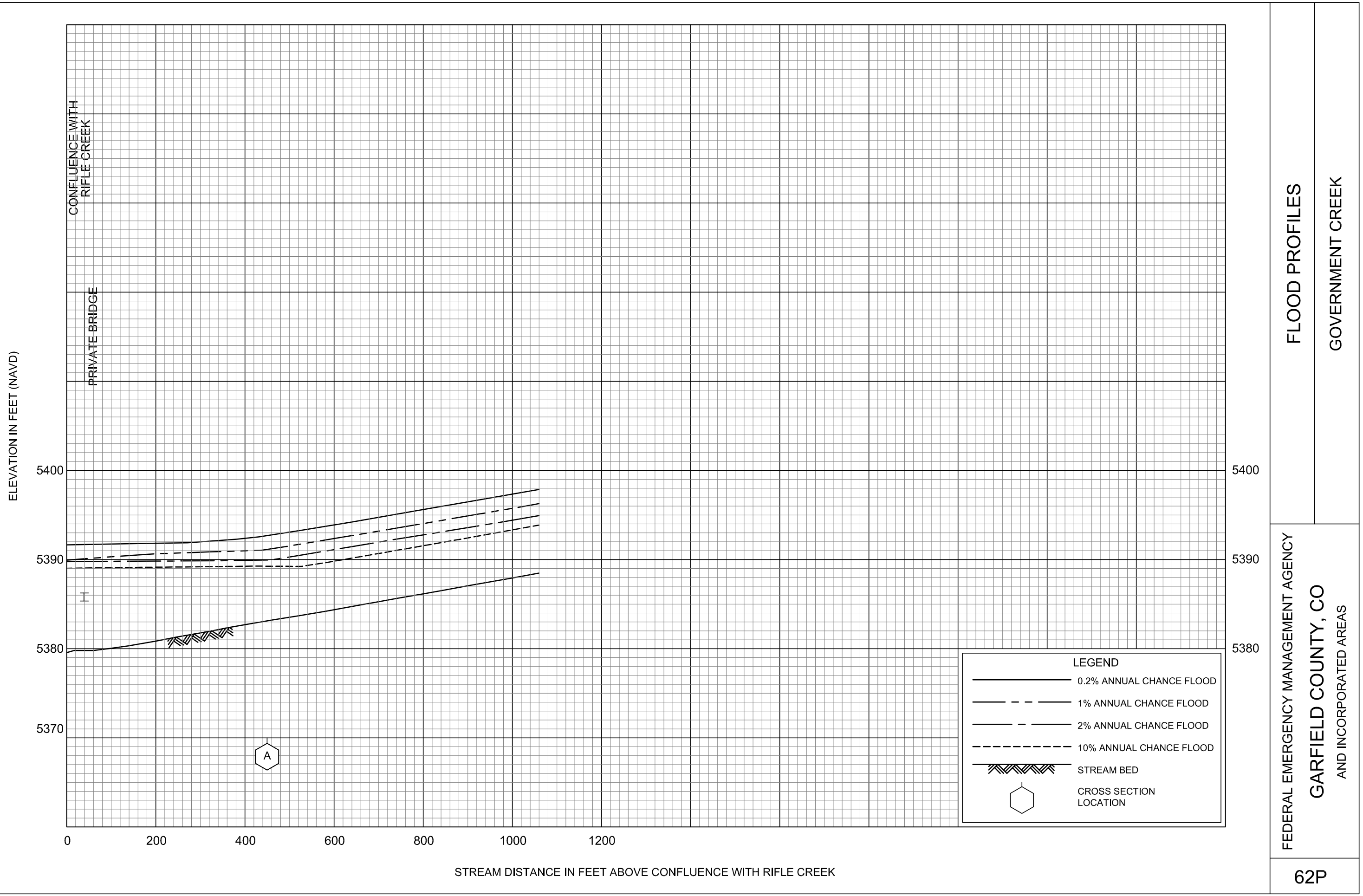
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

FOURMILE CREEK





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GOVERNMENT CREEK

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

62P

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

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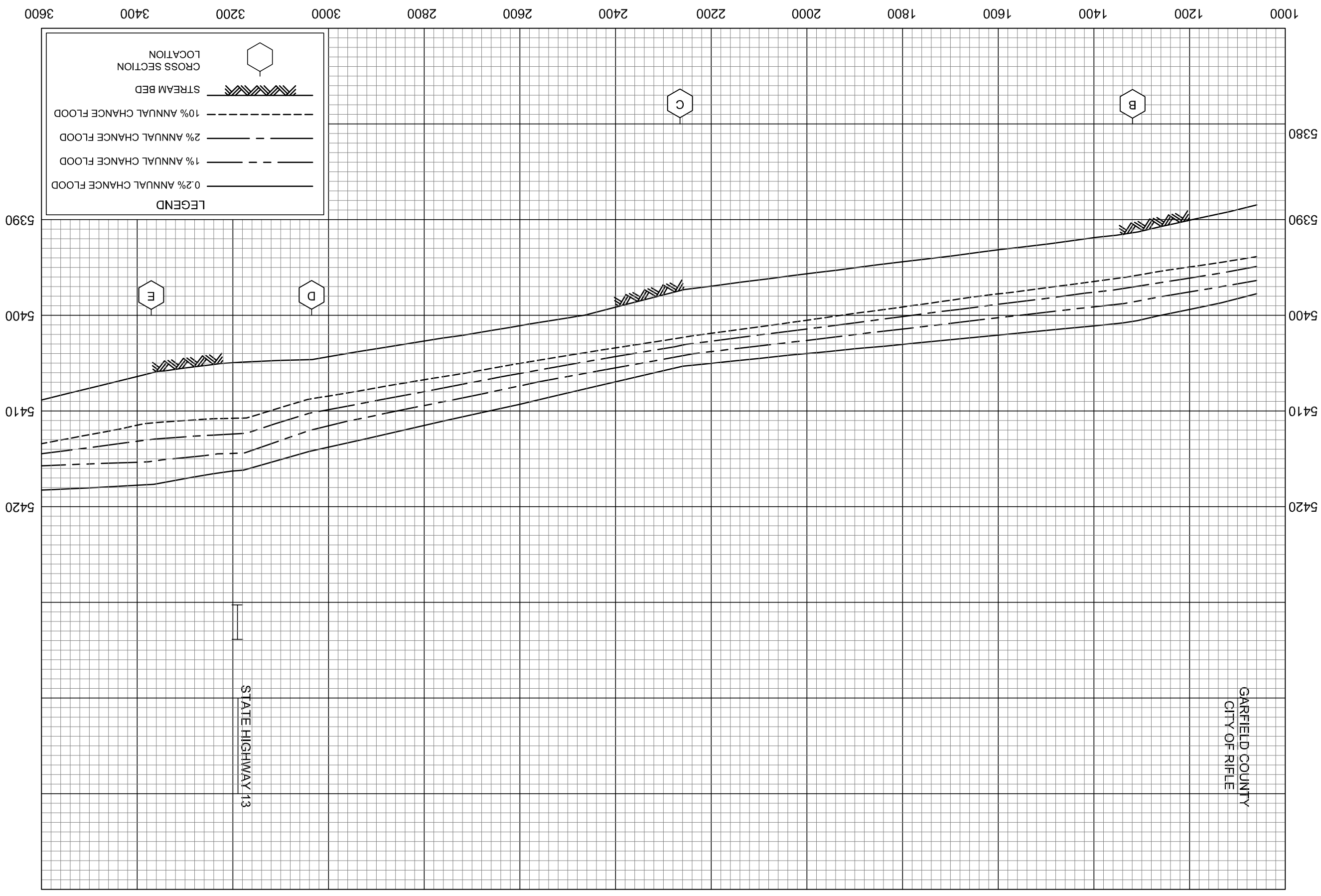

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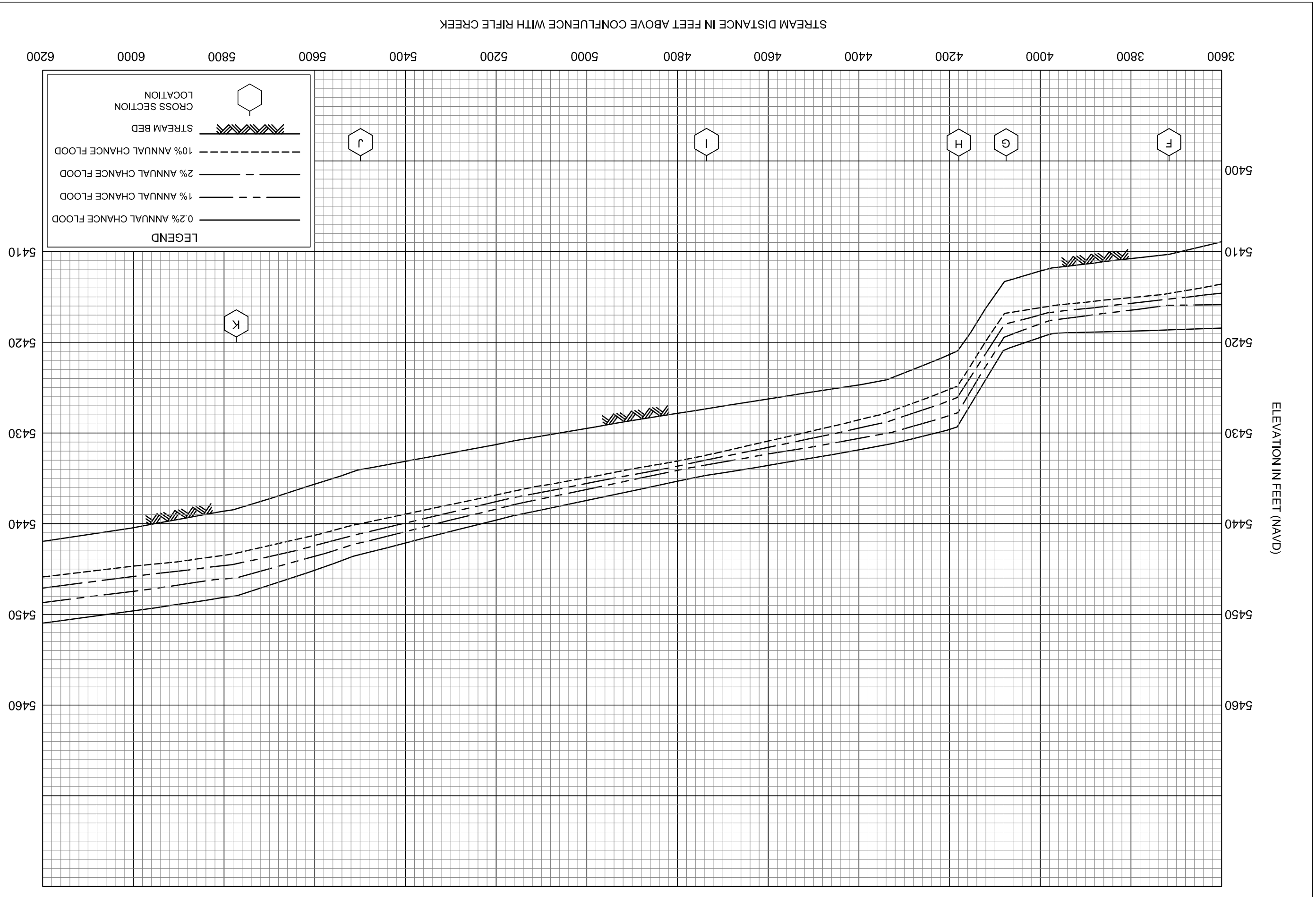
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

GOVERNMENT CREEK



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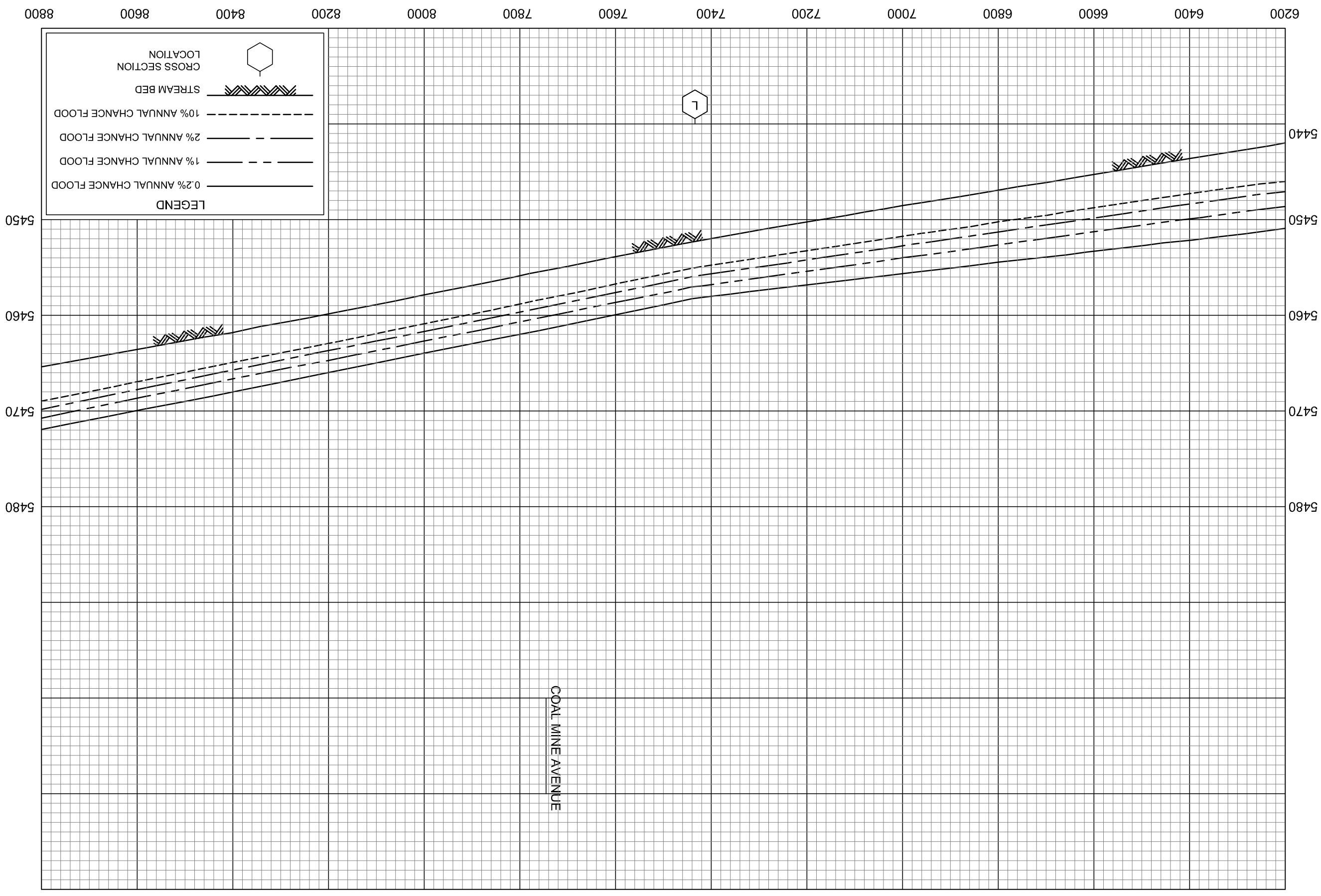
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

GOVERNMENT CREEK



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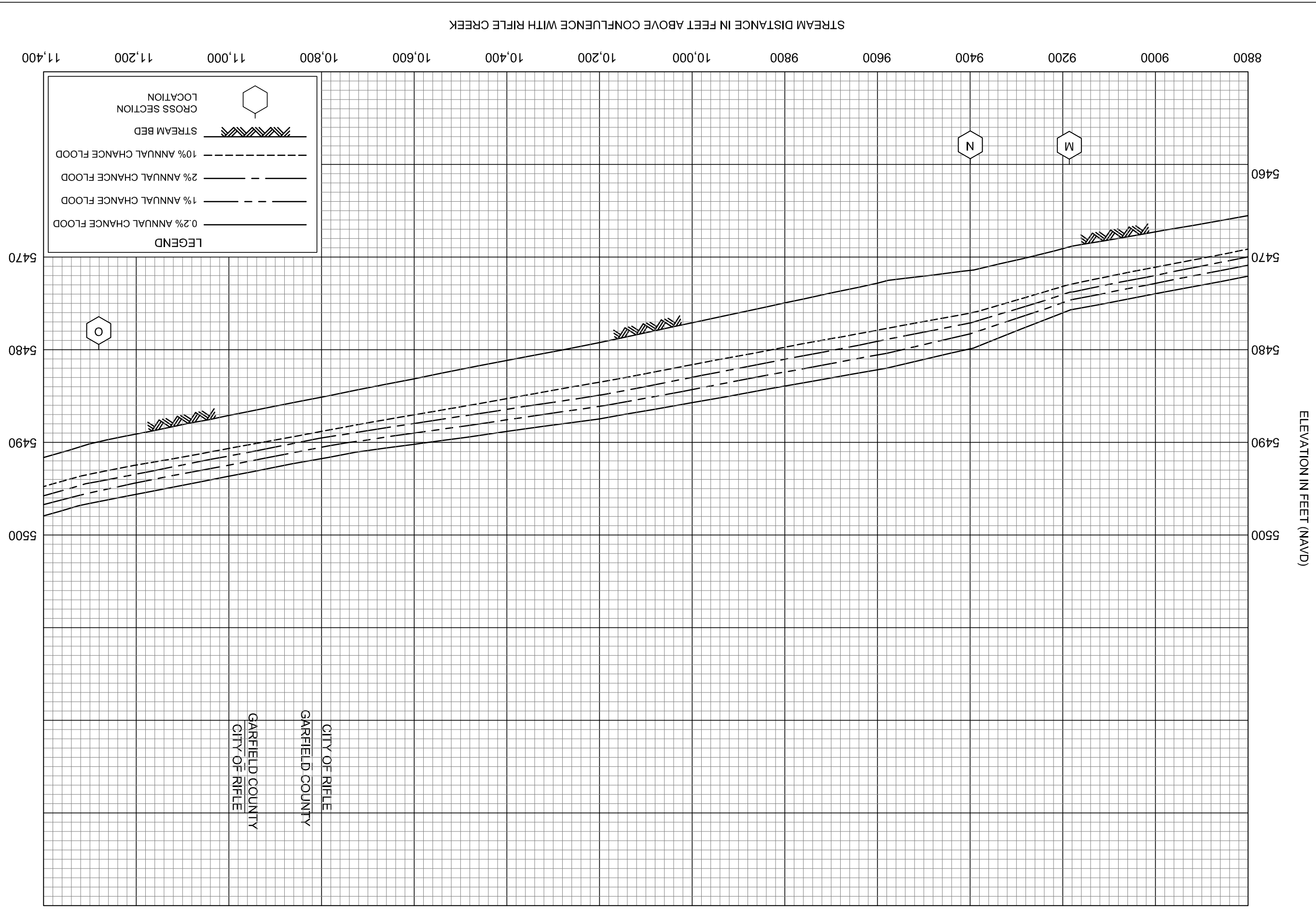

FLOOD PROFILES

GOVERNMENT CREEK

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AND INCORPORATED AREAS

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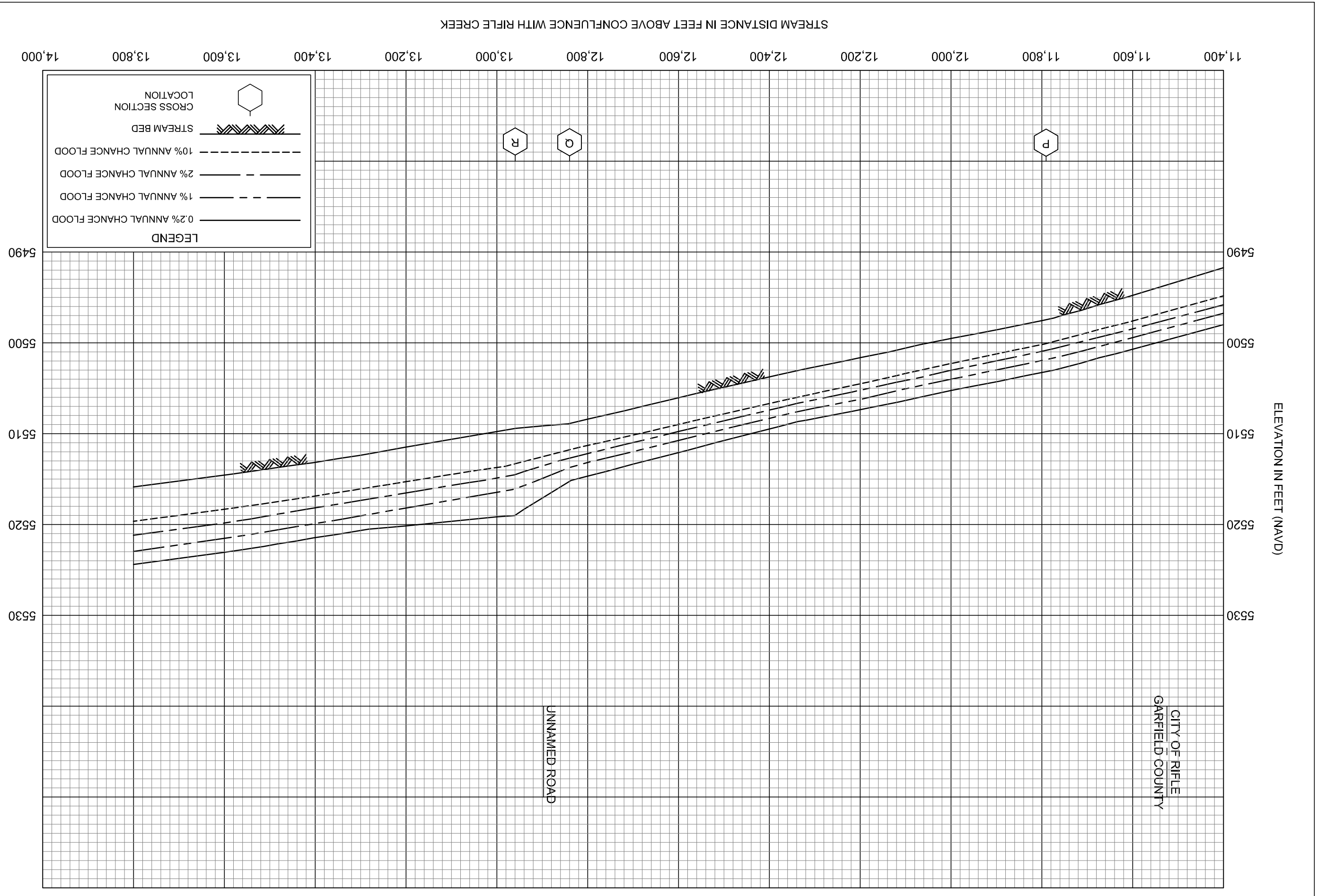

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AND INCORPORATED AREAS

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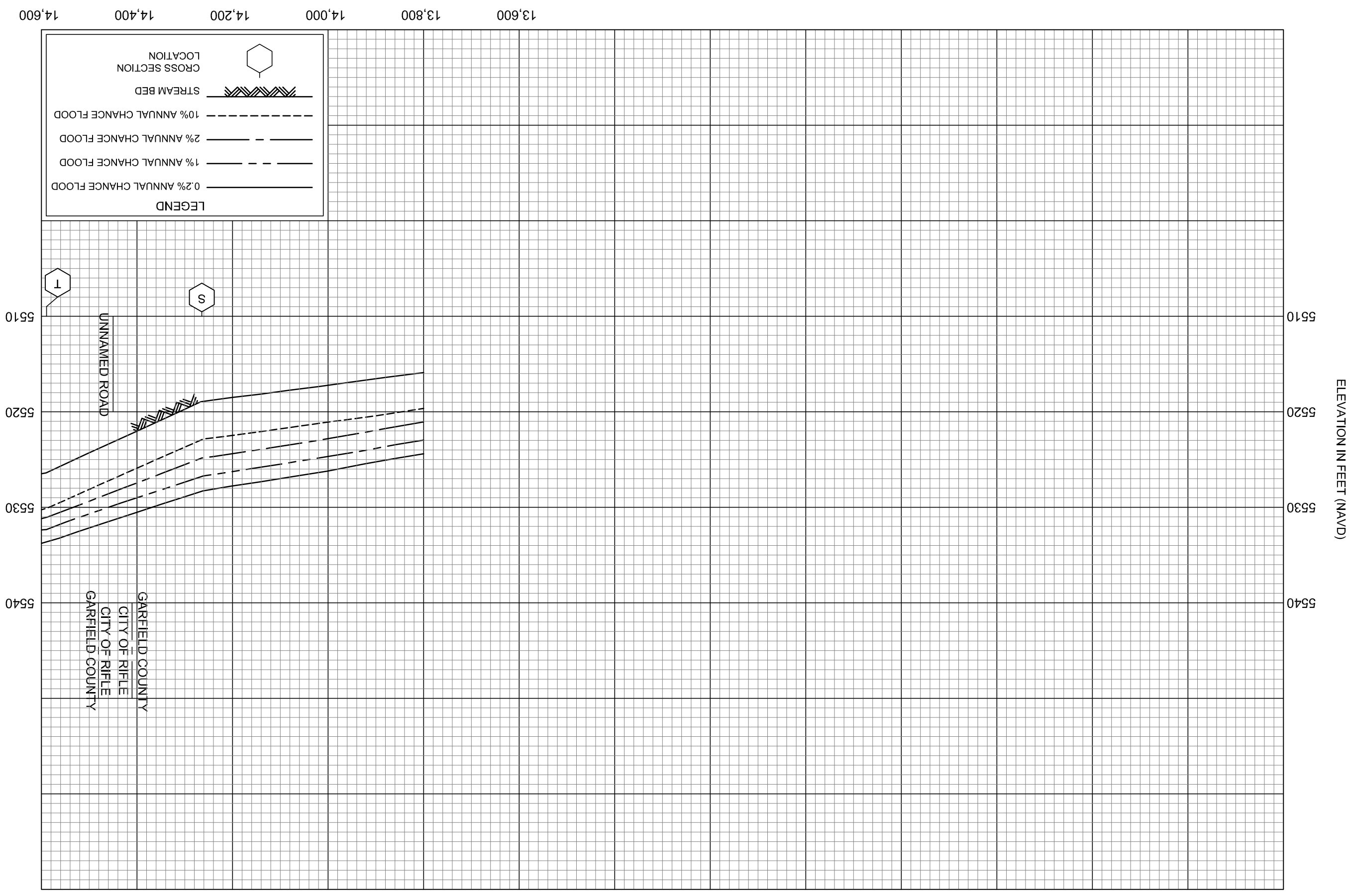

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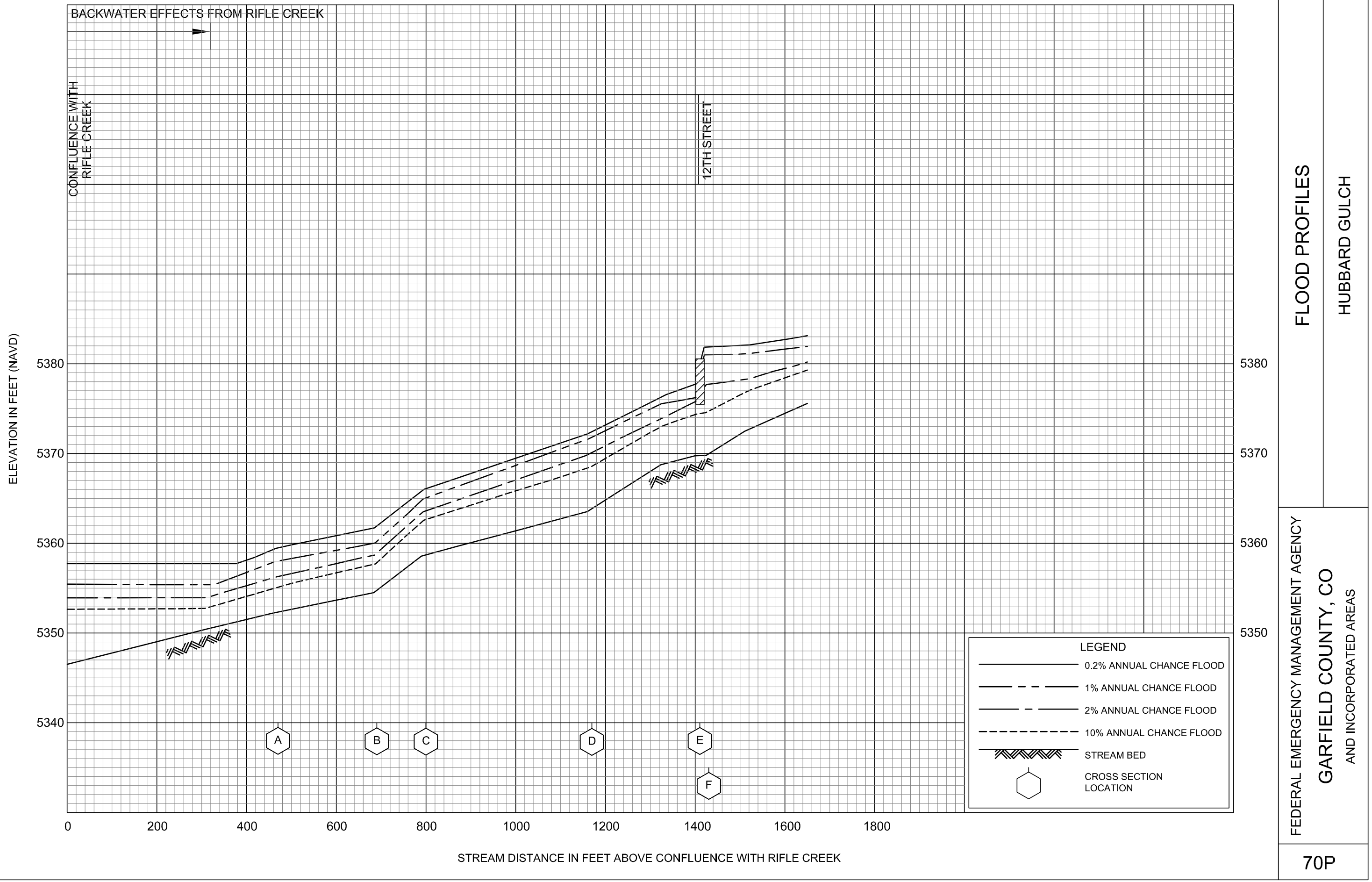
FLOOD PROFILES

GOVERNMENT CREEK



FLOOD PROFILES

HUBBARD GULCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

70P

ELEVATION IN FEET (NAVD)

5370 5380 5390 5400 5410 5420

1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200

CITY OF RIFLE
GARFIELD COUNTY

GARFIELD COUNTY
CITY OF RIFLE

CITY OF RIFLE
GARFIELD COUNTY

STATION 2,860 =
STATION 2,920

16TH STREET

G H I J K L M N O P Q

LEGEND

0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

2% ANNUAL CHANCE FLOOD

10% ANNUAL CHANCE FLOOD

STREAM BED

CROSS SECTION LOCATION

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH RIFLE CREEK

5370 5380 5390 5400 5410 5420

71P

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GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

HUBBARD GULCH

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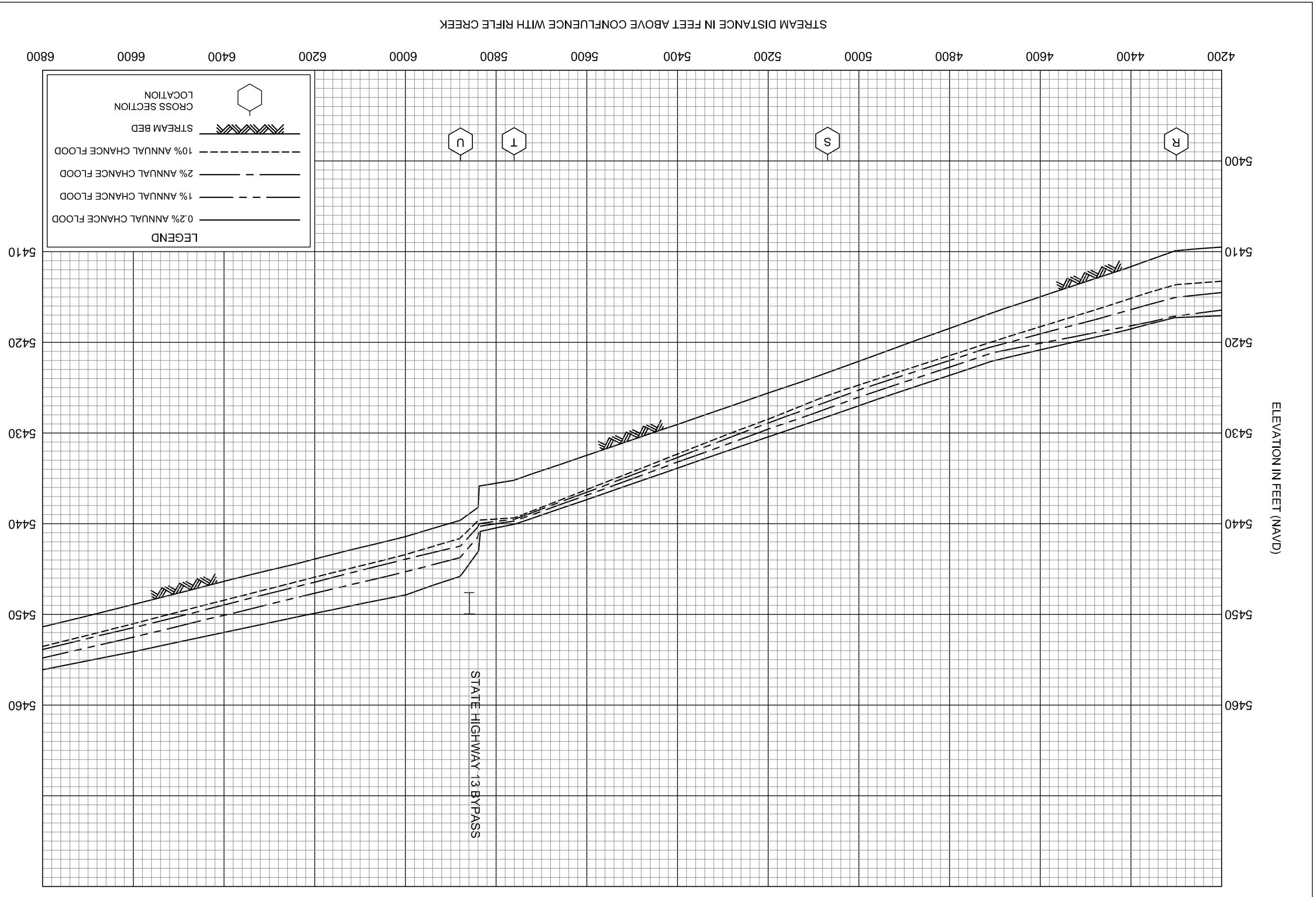
AND INCORPORATED AREAS

FLOOD PROFILES

HUBBARD GULCH



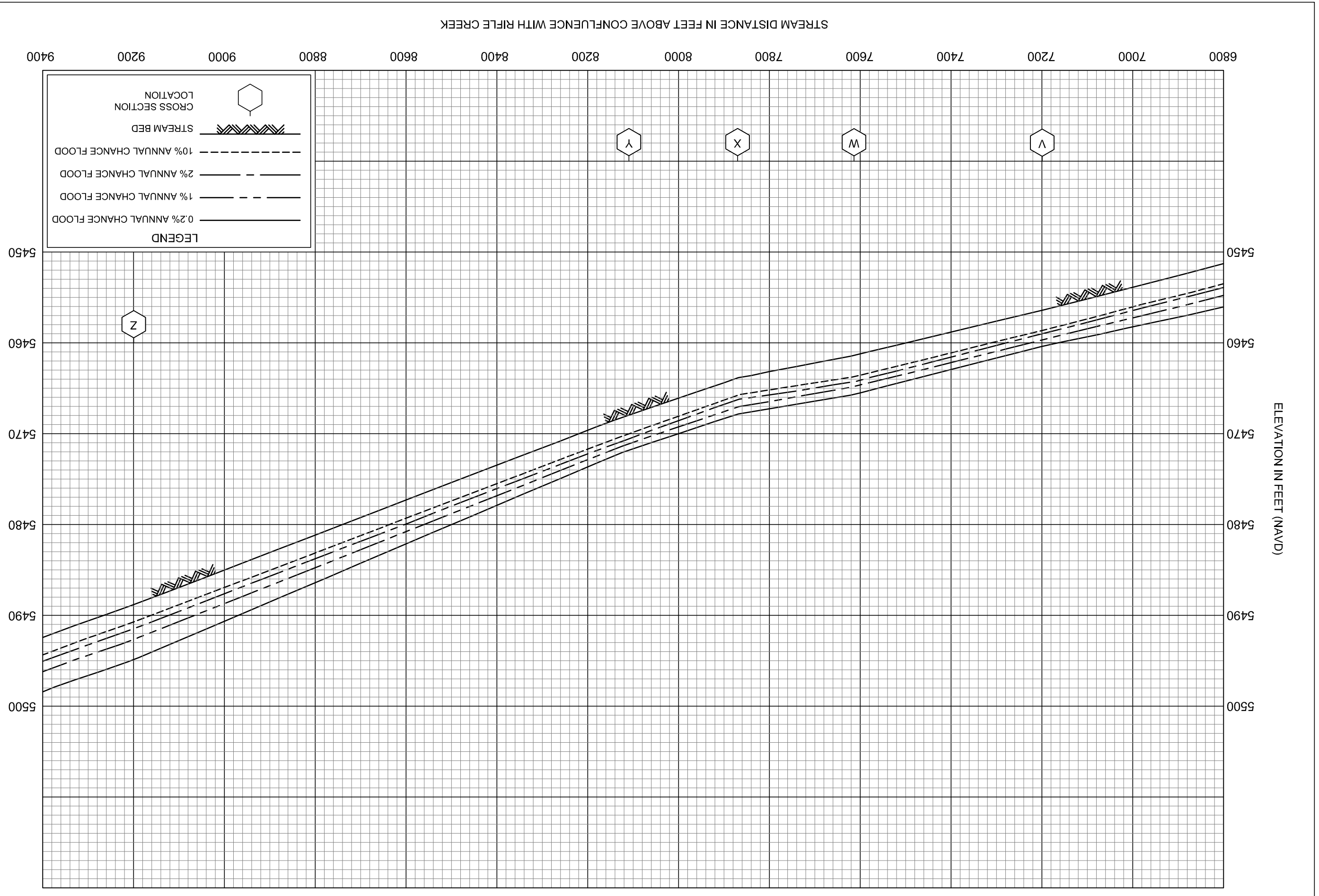
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

HUBBARD GULCH

FLOOD PROFILES



73P

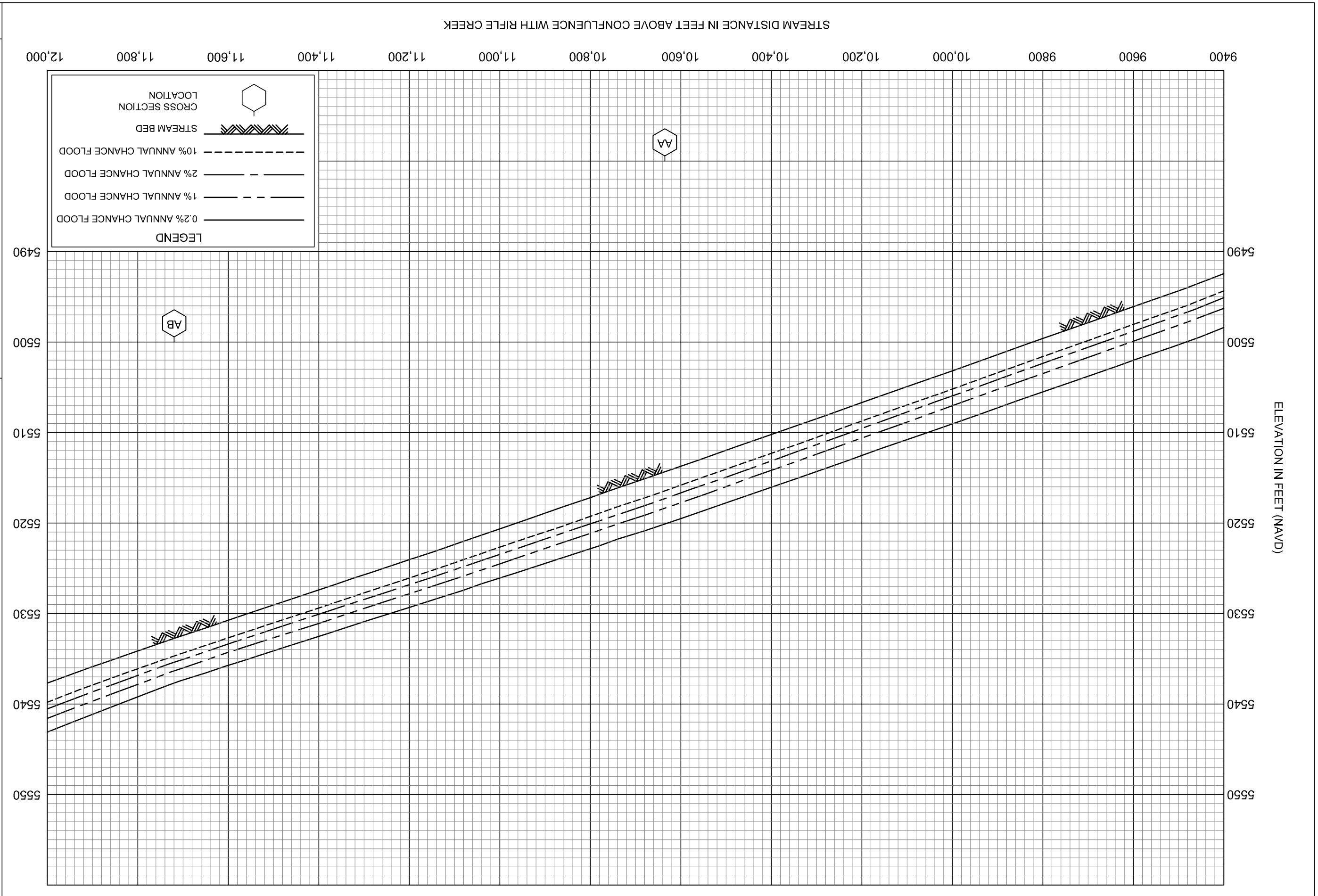
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

HUBBARD GULCH



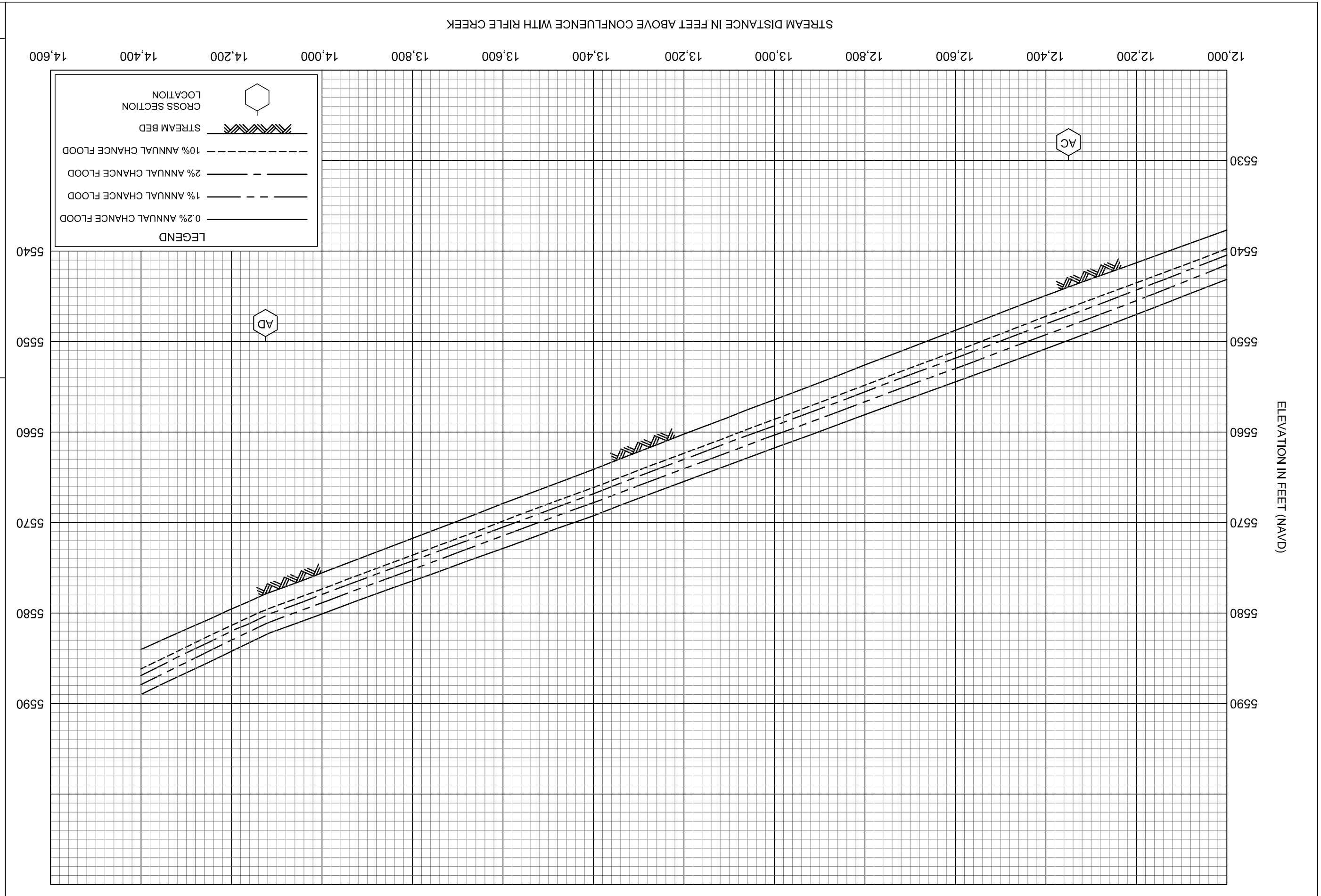
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

HUBBARD GULCH



75P

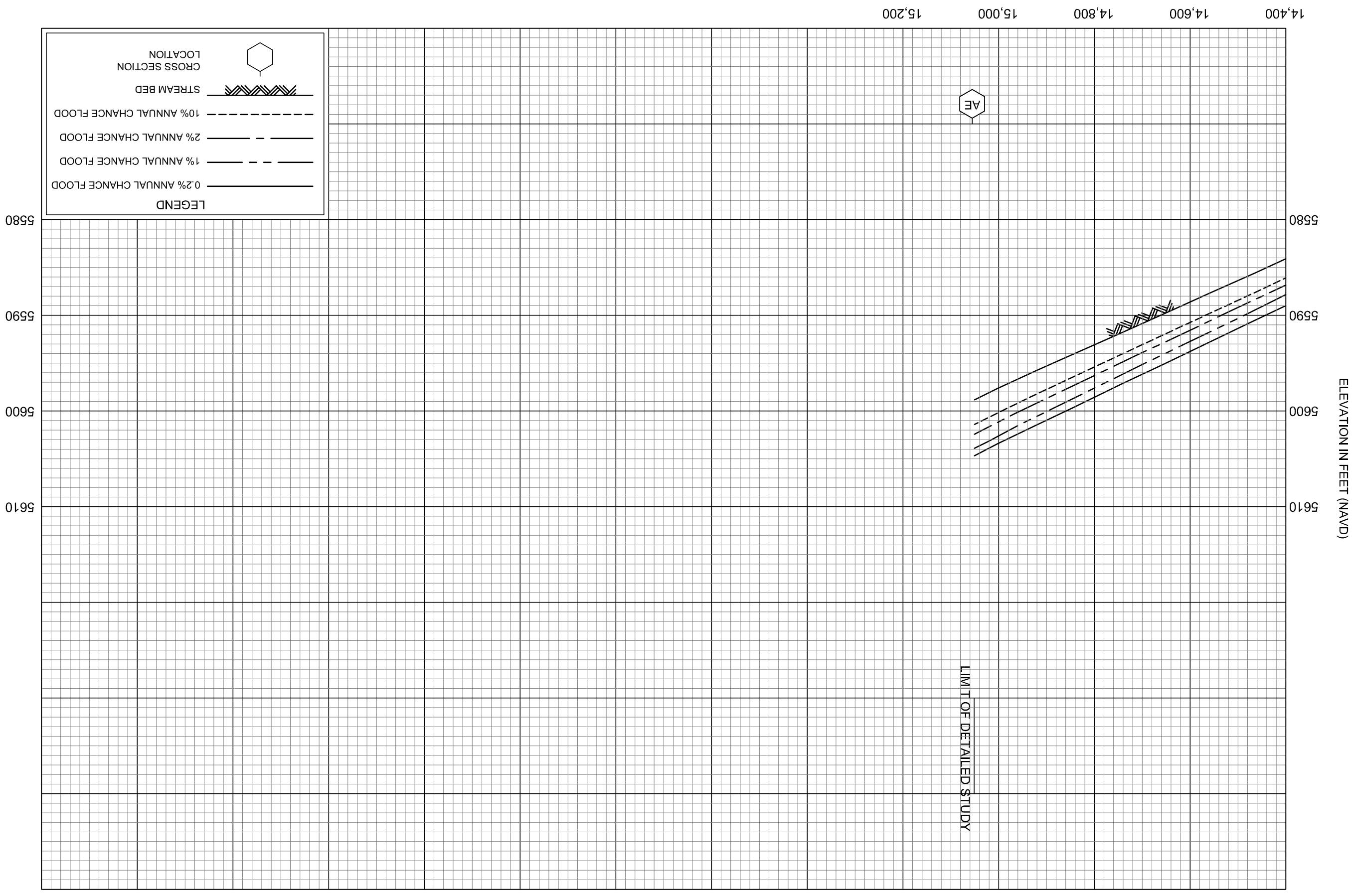
FEDERAL EMERGENCY MANAGEMENT AGENCY

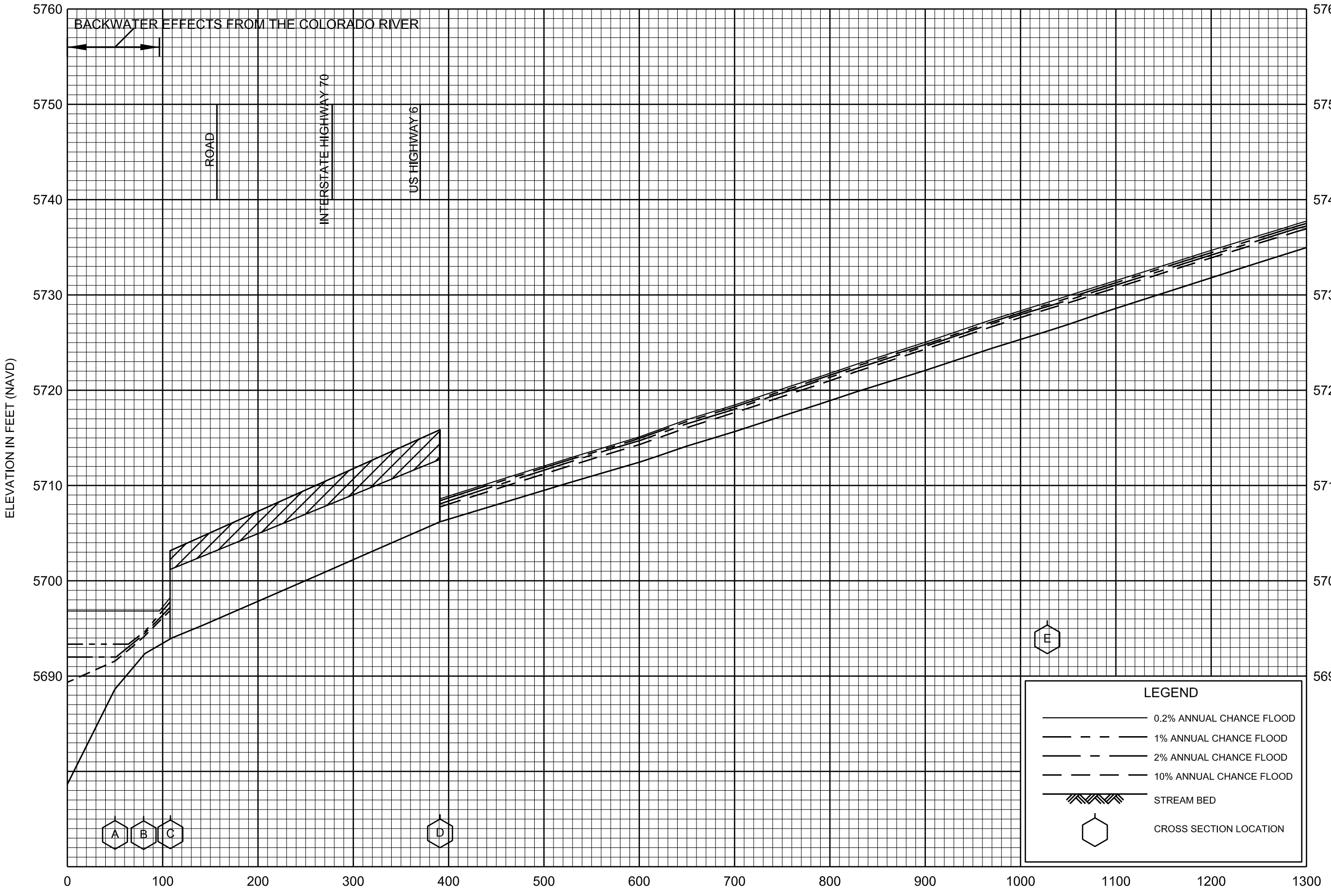
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

HUBBARD GULCH





FLOOD PROFILES

MITCHELL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

77P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

MITCHELL CREEK

FLOOD PROFILES

78P

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH COLORADO RIVER

1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600

ELEVATION IN FEET (NAVD)

5730 5740 5750 5760 5770 5780 5790 5800

LEGEND

0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

2% ANNUAL CHANCE FLOOD

10% ANNUAL CHANCE FLOOD

STREAM BED

CROSS SECTION LOCATION

F

G

H

STATION 1684 = STATION 1878

DONEGAN ROAD

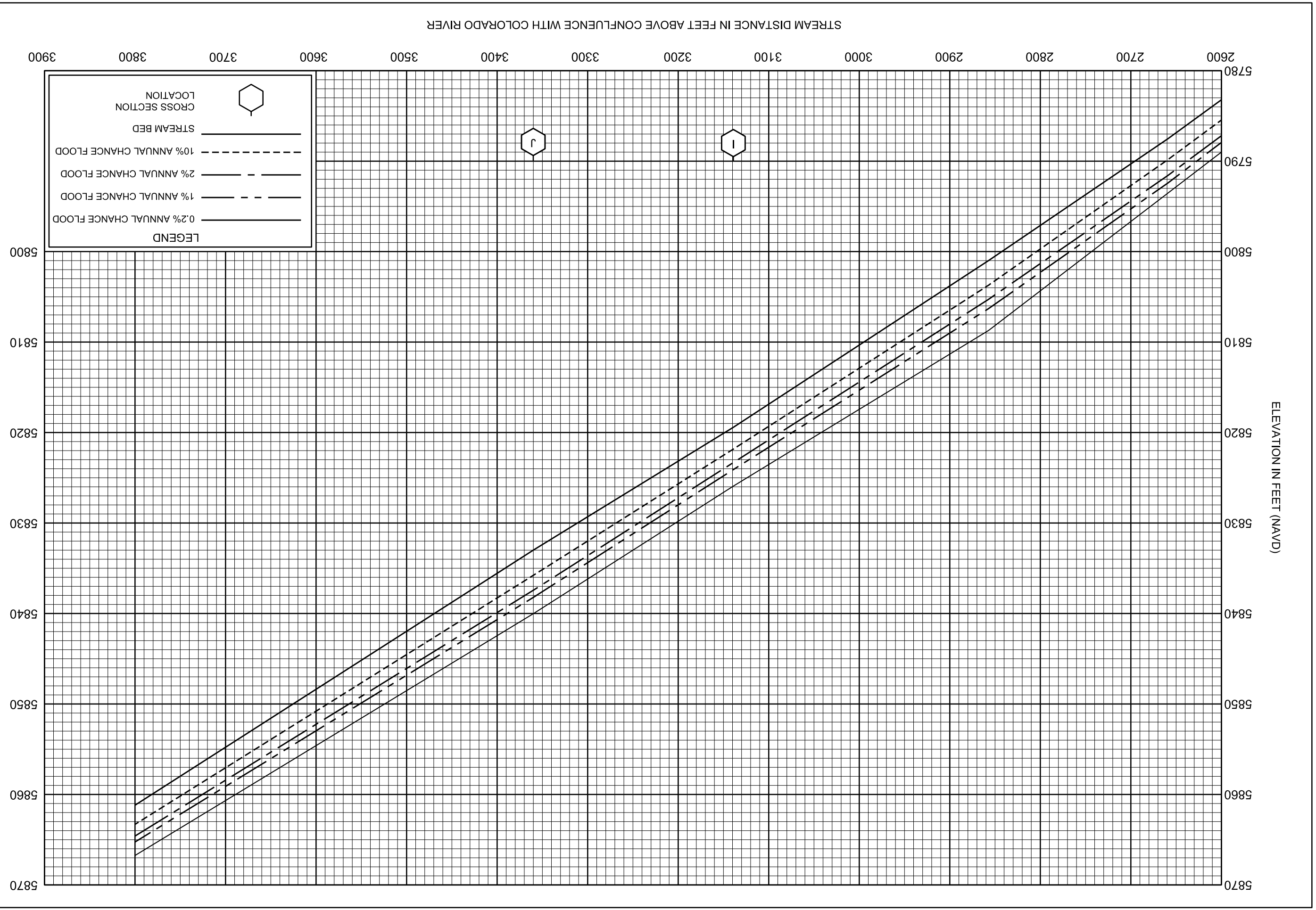
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

MITCHELL CREEK



80P

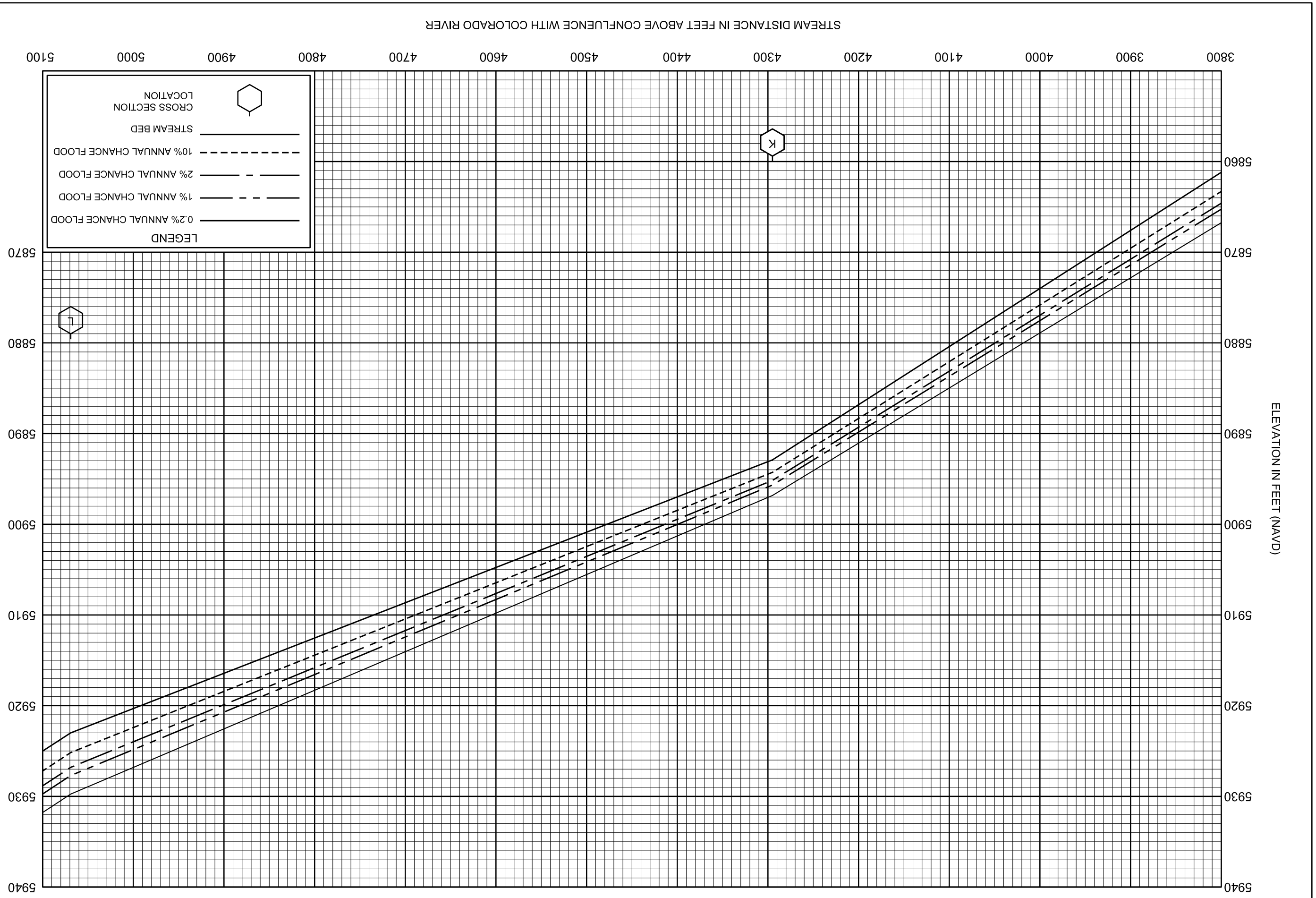
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

MITCHELL CREEK



ELEVATION IN FEET (NAVD)

5920 5930 5940 5950 5960 5970 5980 5990 6000 6010

5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100

M N O P

MITCHELL CREEK ROAD

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH COLORADO RIVER

5940 5950 5960 5970 5980 5990 6000 6010

LEGEND

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

81P

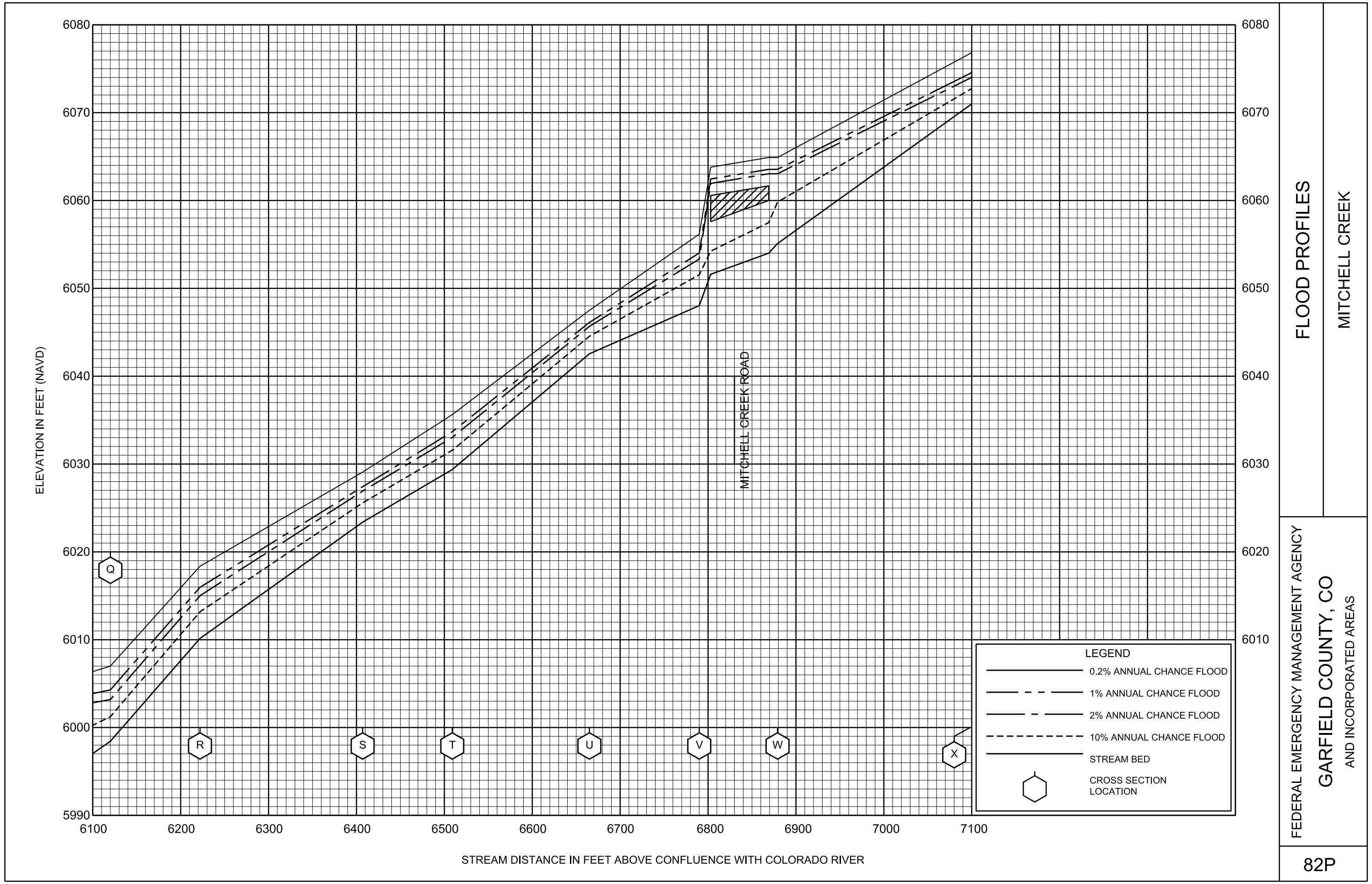
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

MITCHELL CREEK



FLOOD PROFILES

MITCHELL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

82P

FEDERAL EMERGENCY MANAGEMENT AGENCY

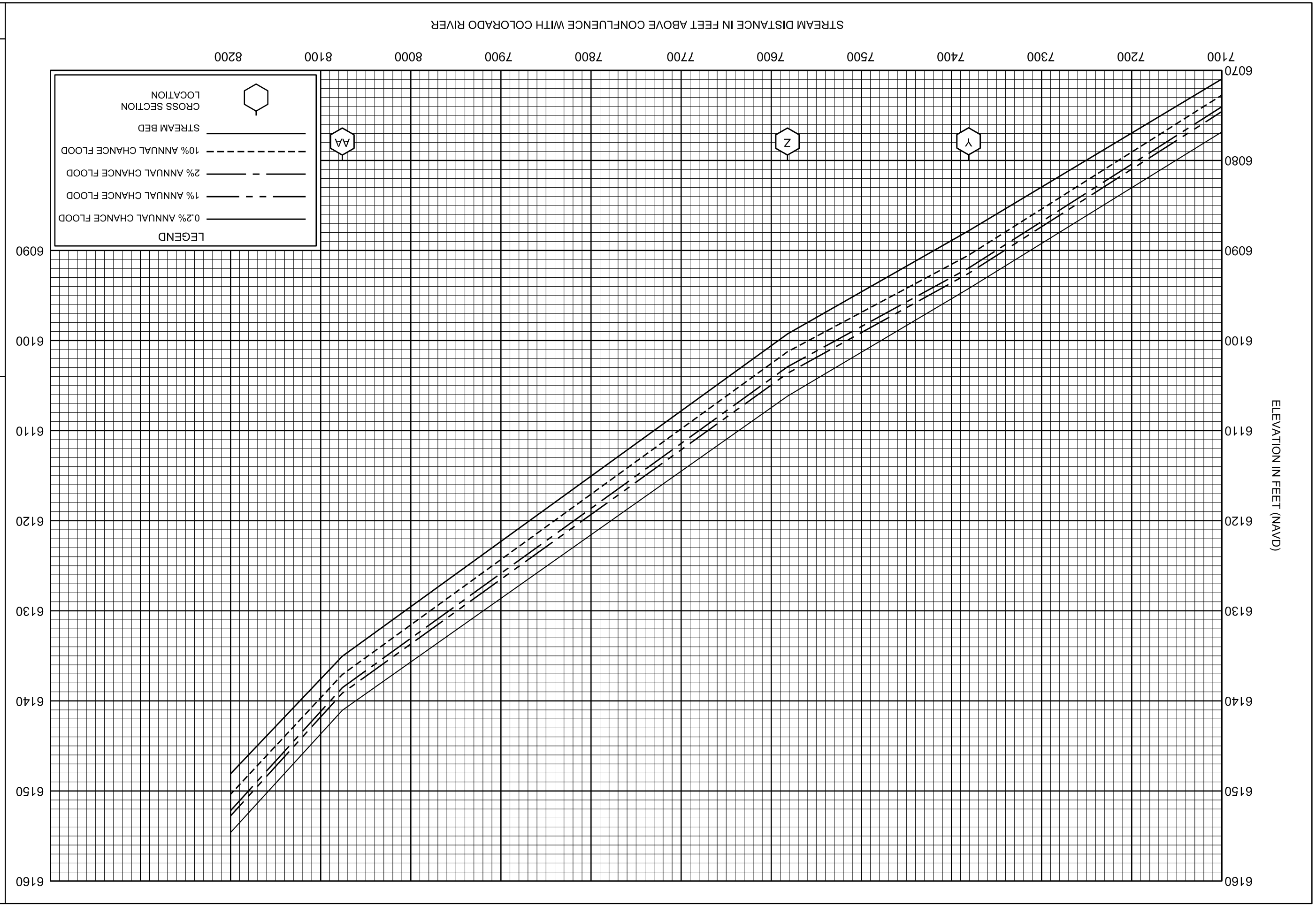
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

MITCHELL CREEK

83P



FEDERAL EMERGENCY MANAGEMENT AGENCY

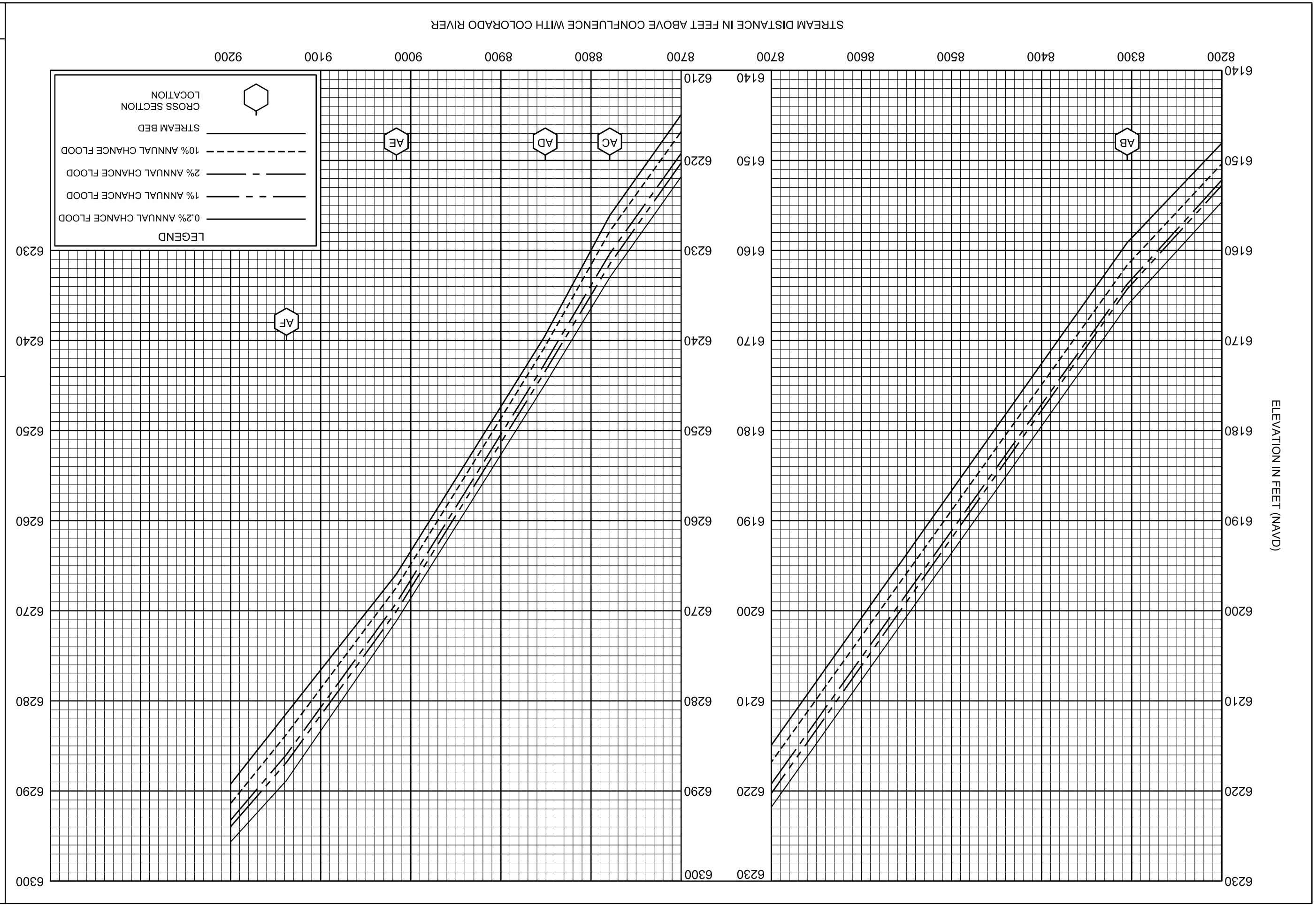
GARFIELD COUNTY, CO

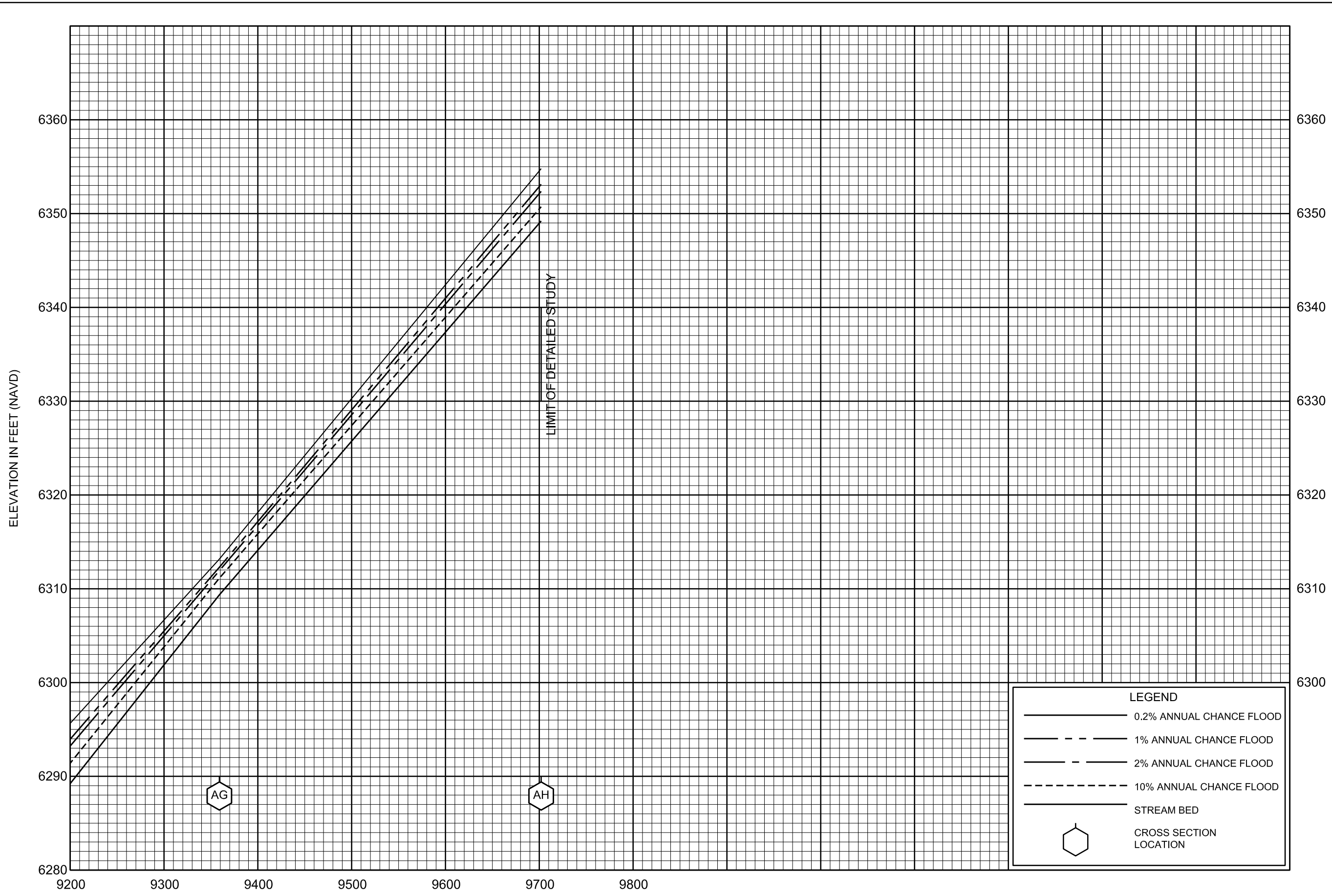
AND INCORPORATED AREAS

FLOOD PROFILES

MITCHELL CREEK

84P





FLOOD PROFILES

MITCHELL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)

5710 5720 5730 5740 5750 5760

LIMIT OF DETAILED STUDY

0 100 200 300 400 500 600 700 800 900 1000

STREAM DISTANCE IN FEET ABOVE COLORADO STATE HIGHWAY 6

LEGEND

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

5710 5720 5730 5740 5750 5760

86P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

MITCHELL CREEK - RIGHT OVERBANK SPLIT FLOW

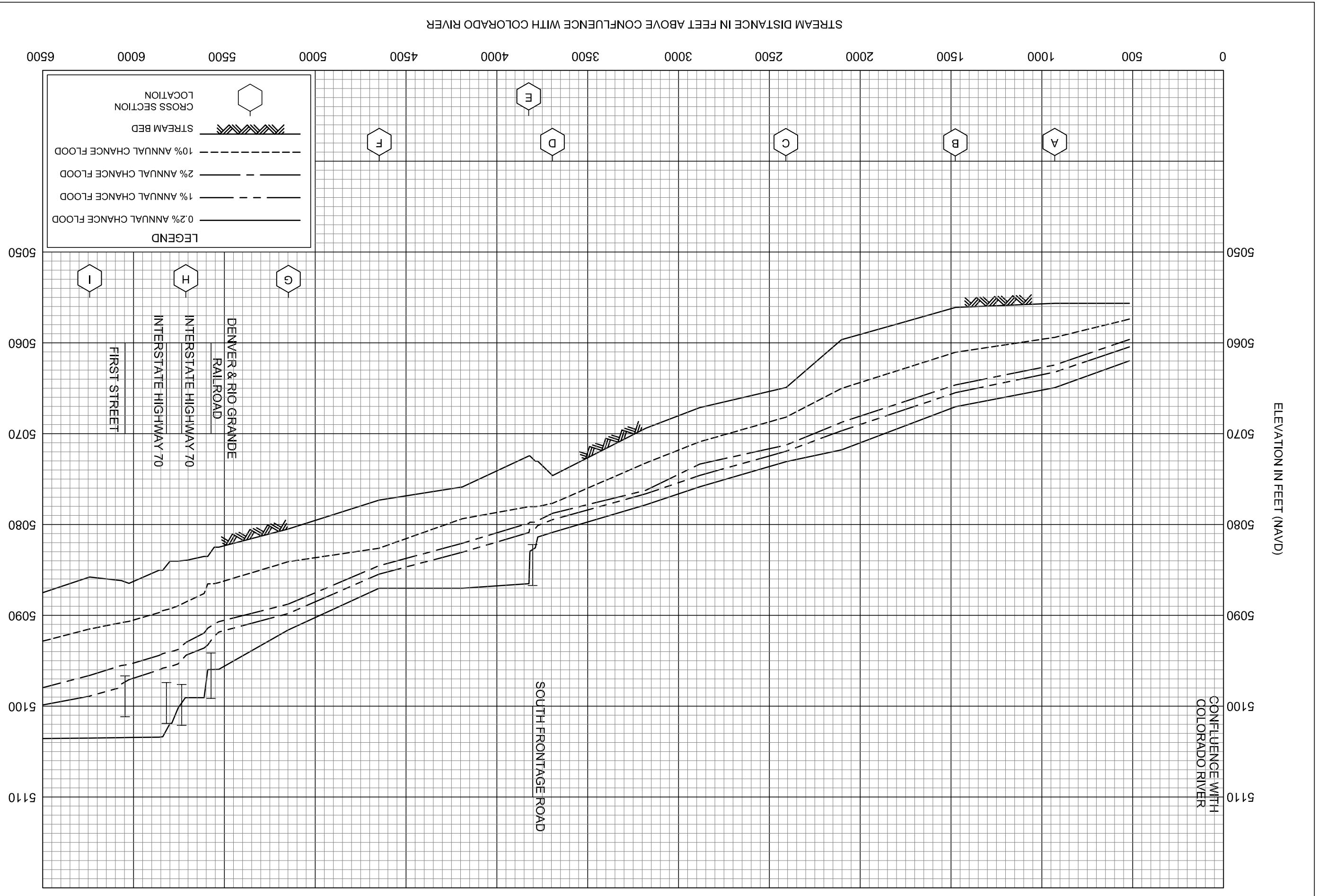
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

PARACHUTE CREEK



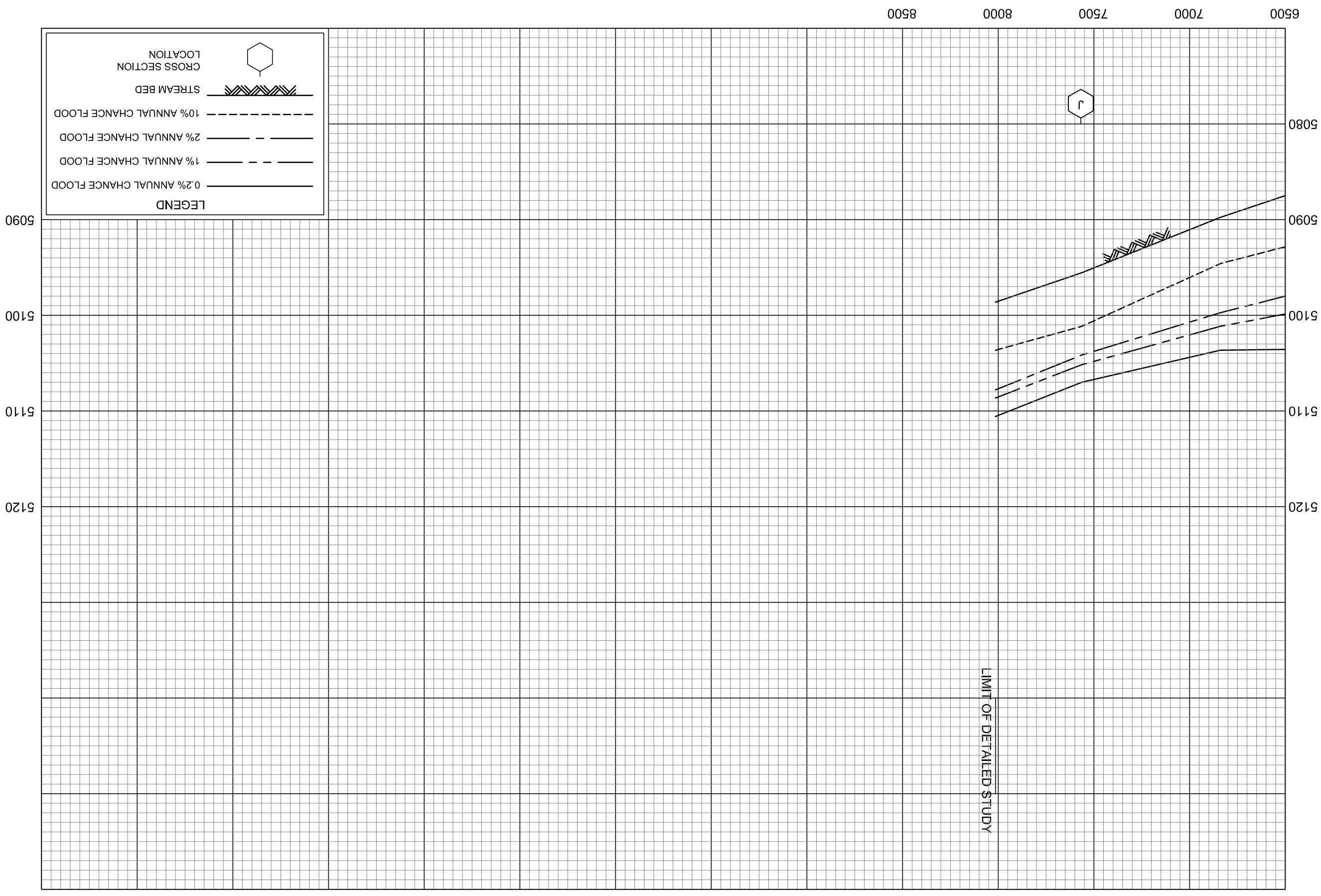
FEDERAL EMERGENCY MANAGEMENT AGENCY

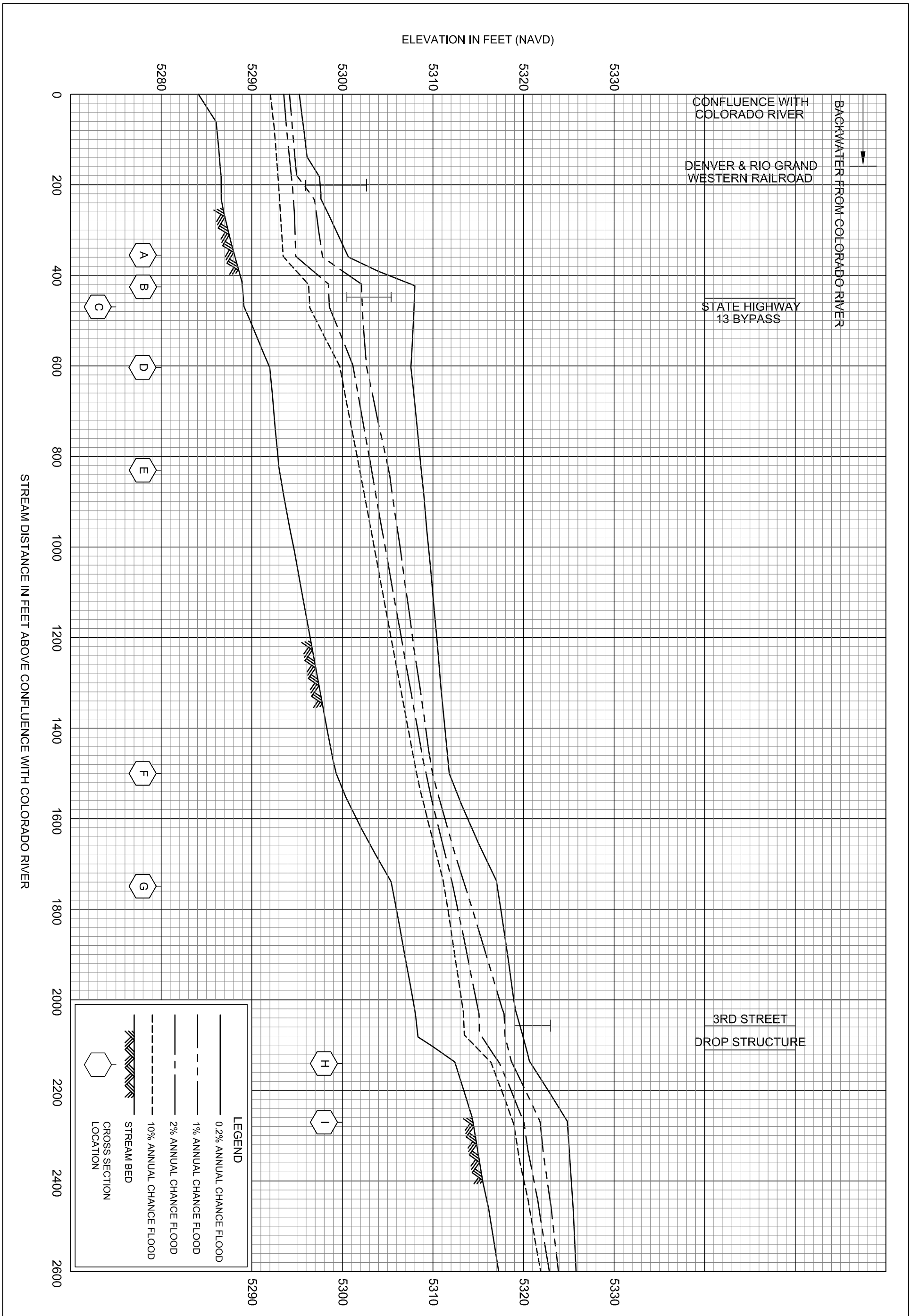
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

PARACHUTE CREEK





89P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK

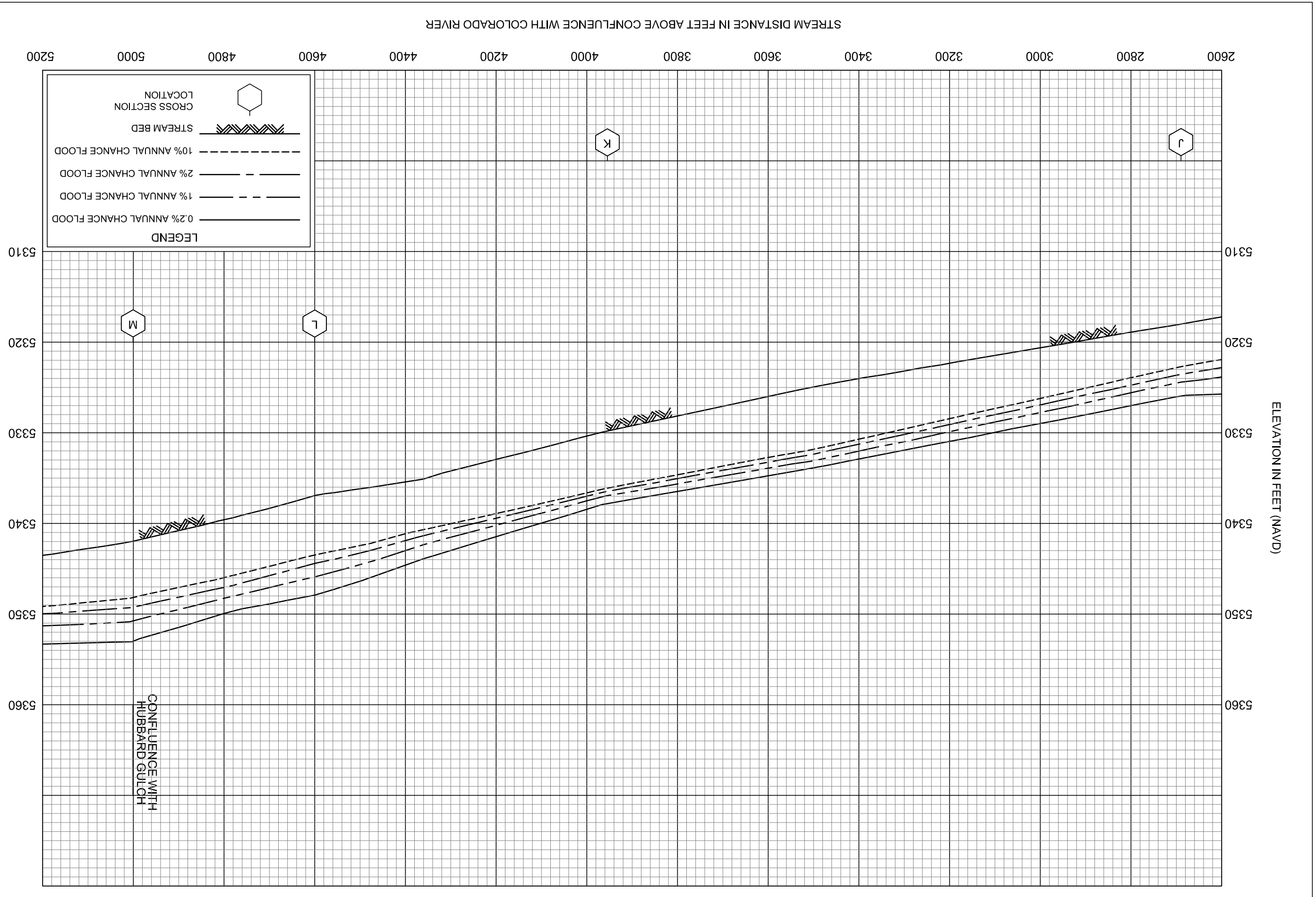
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



90P

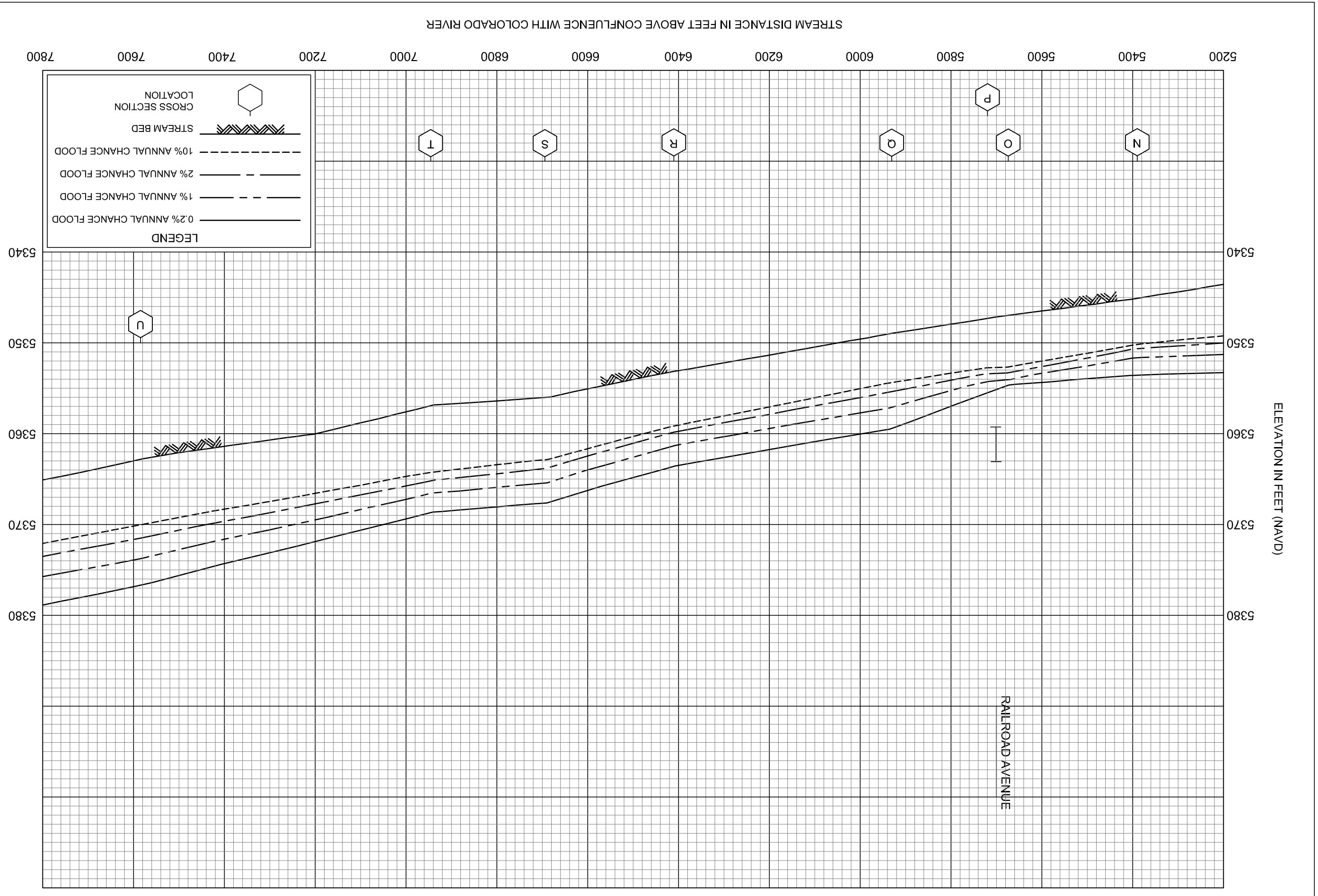
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



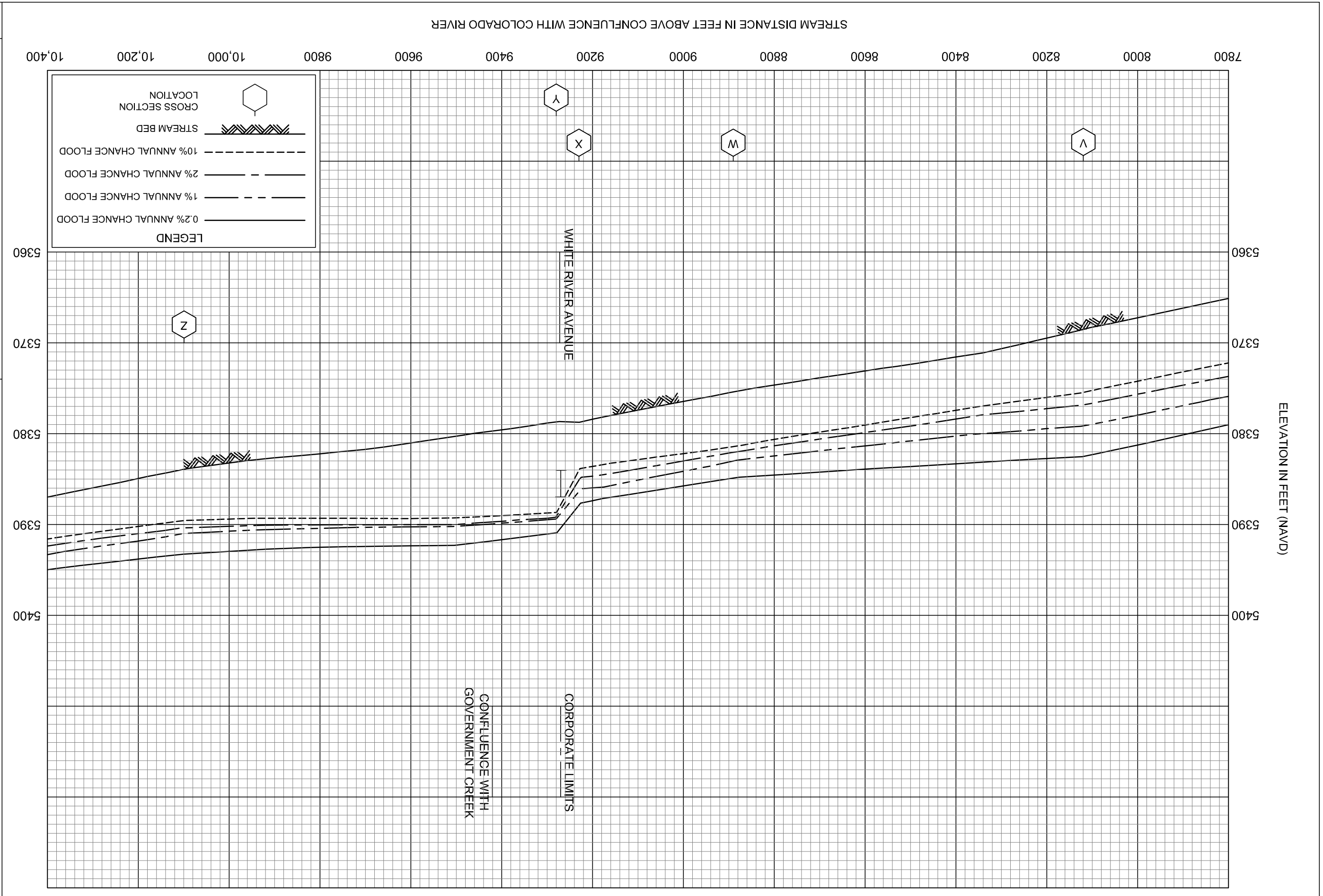
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



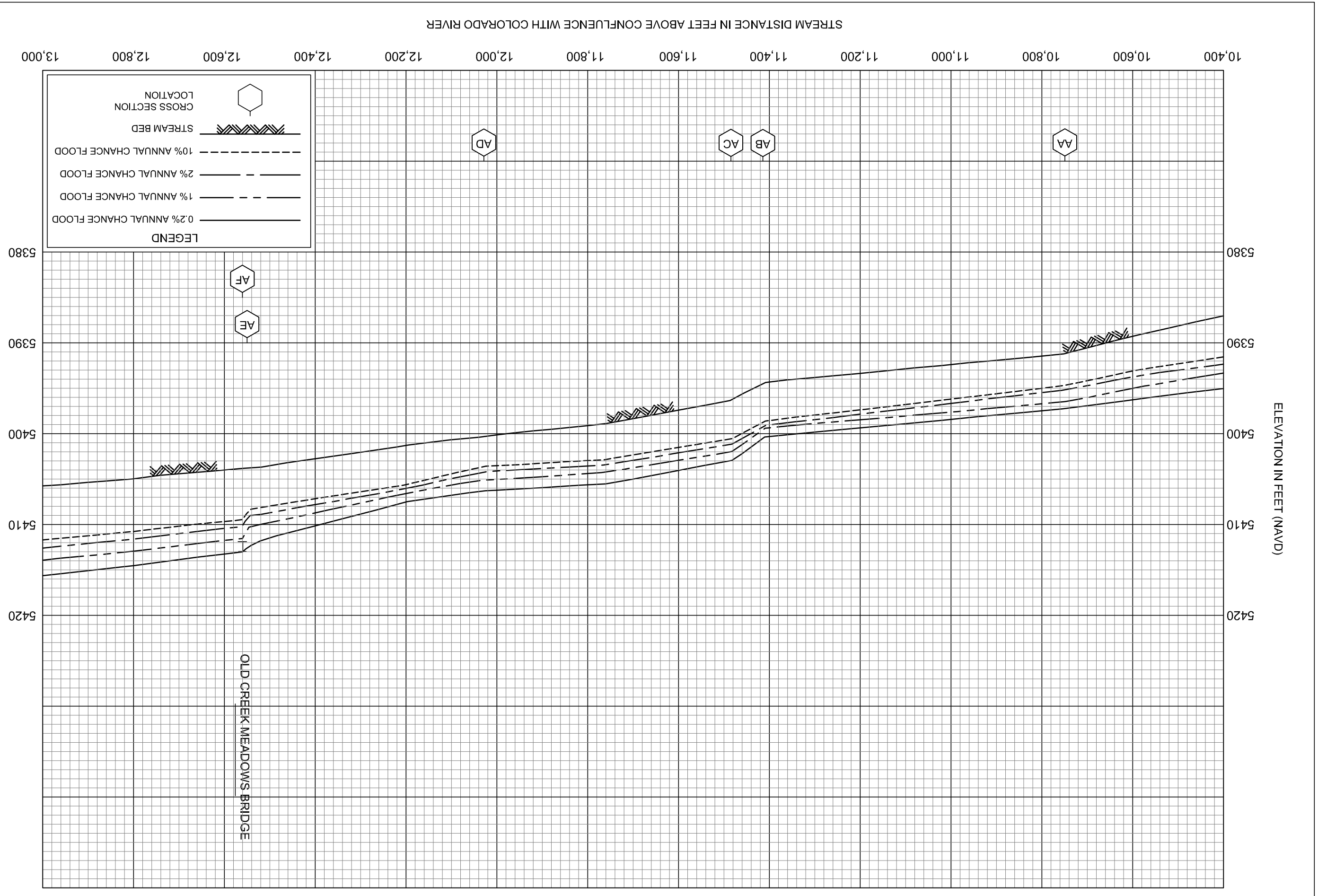
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



93P

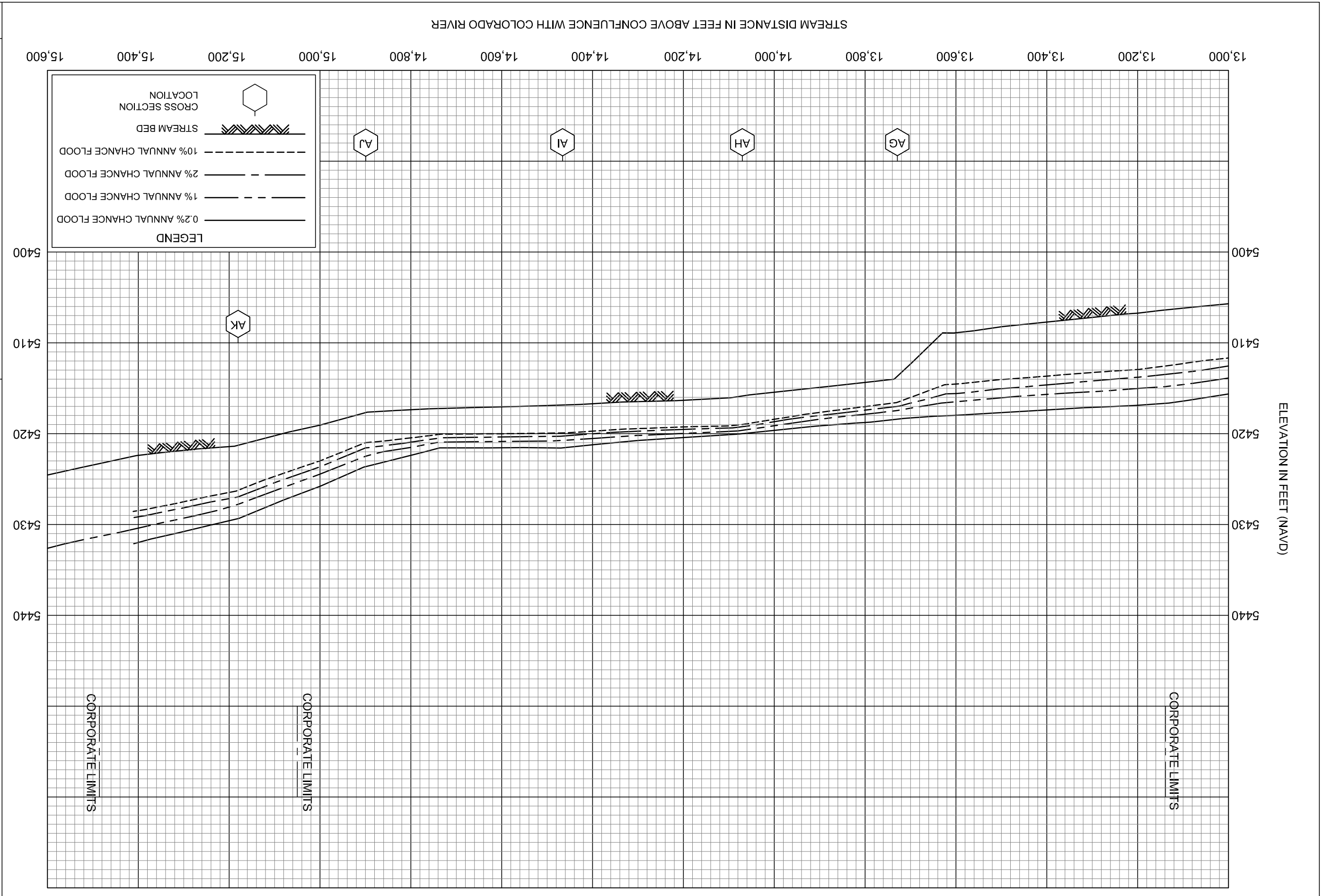
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

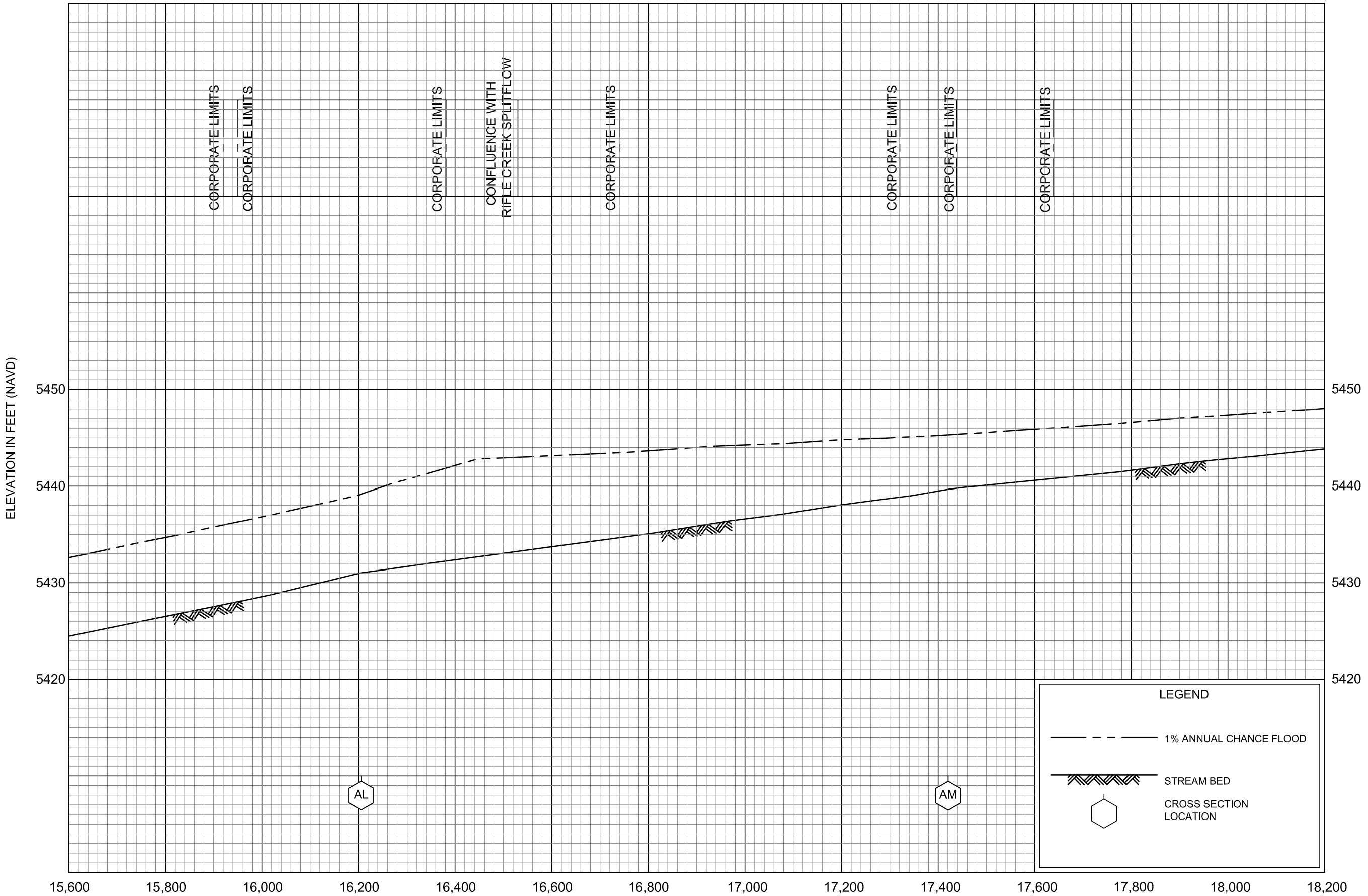
AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



94P



FLOOD PROFILES

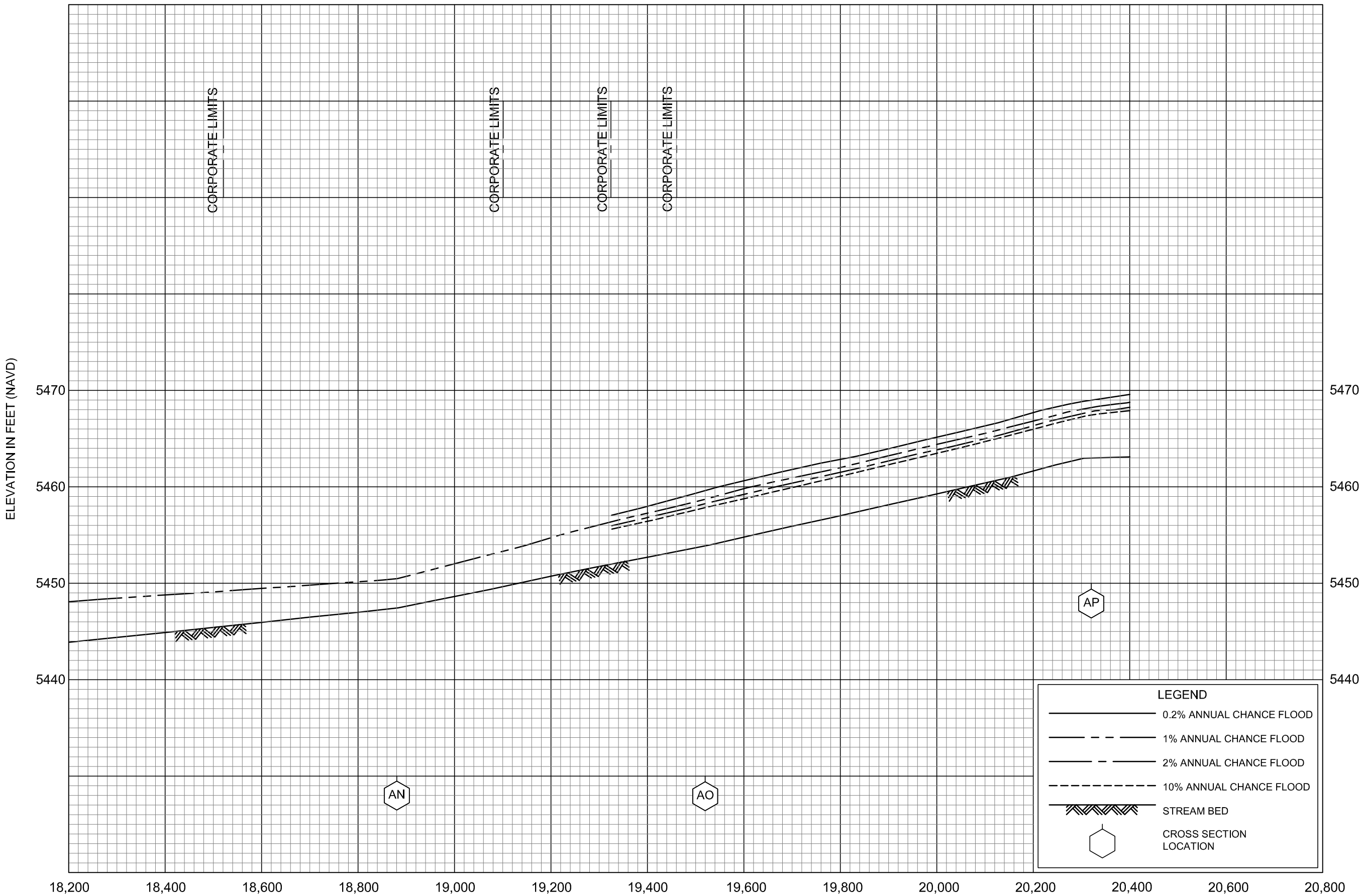
RIFLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

95P



FLOOD PROFILES

RIFLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

96P

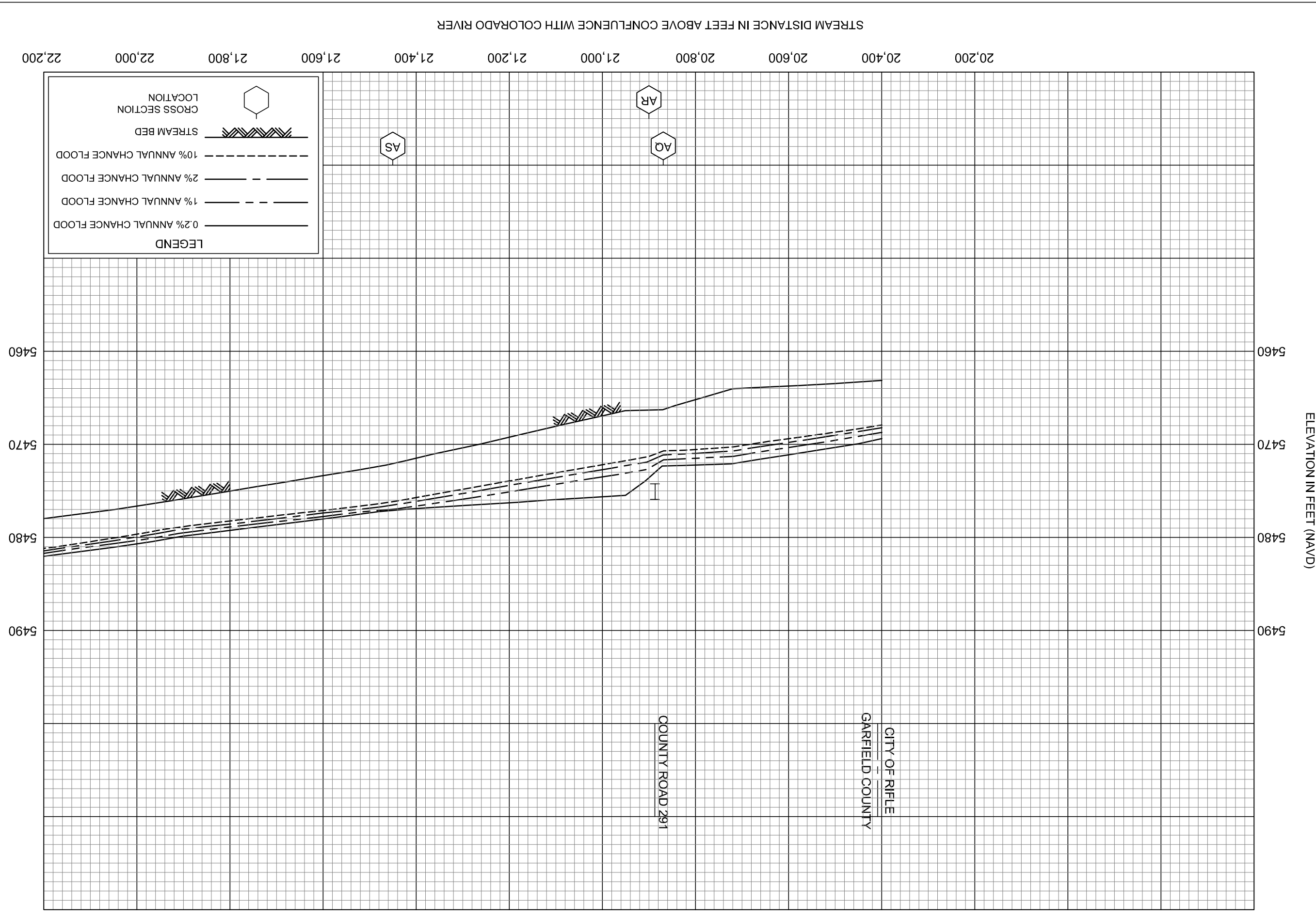
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



97P

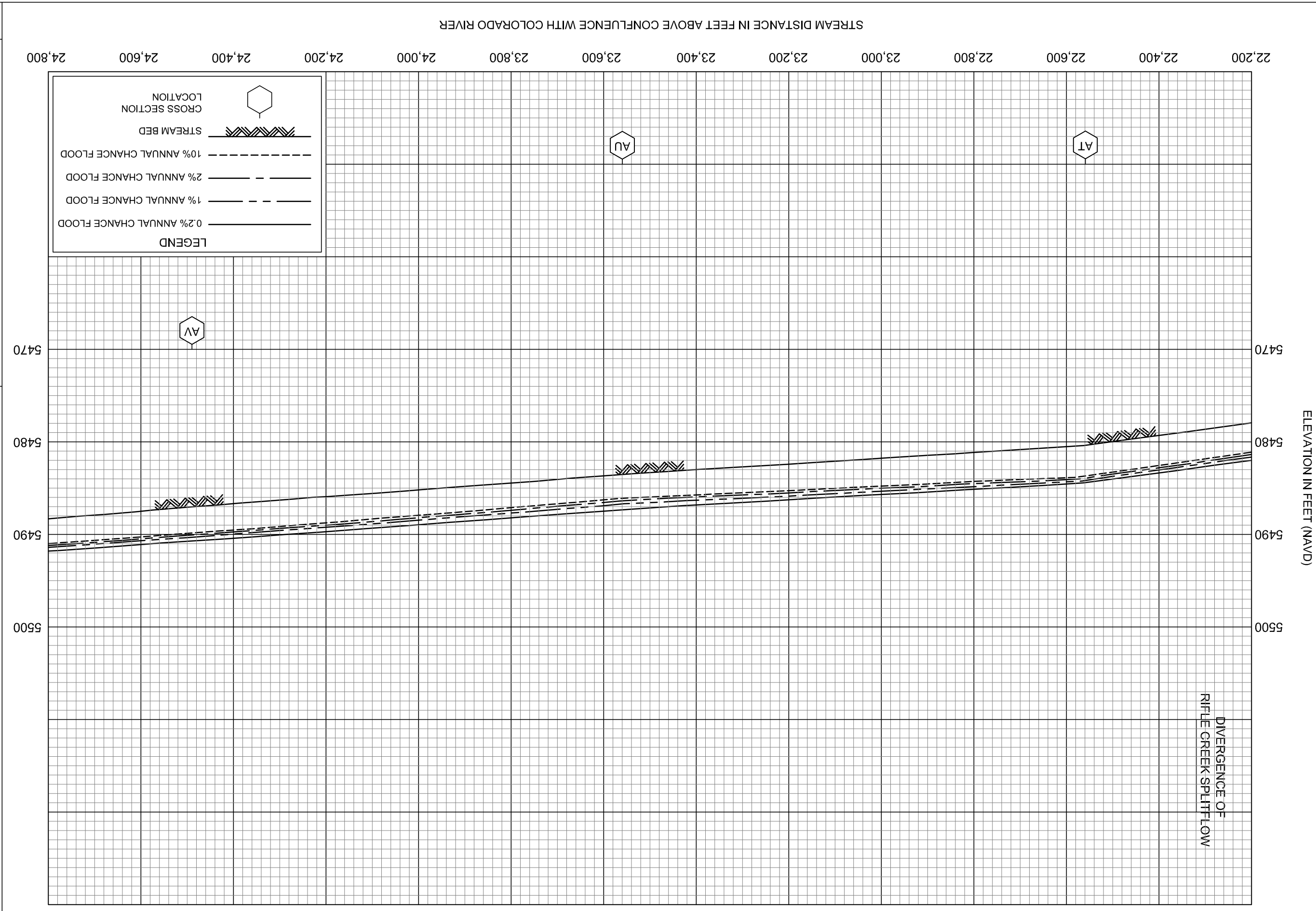
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



98P

FEDERAL EMERGENCY MANAGEMENT AGENCY

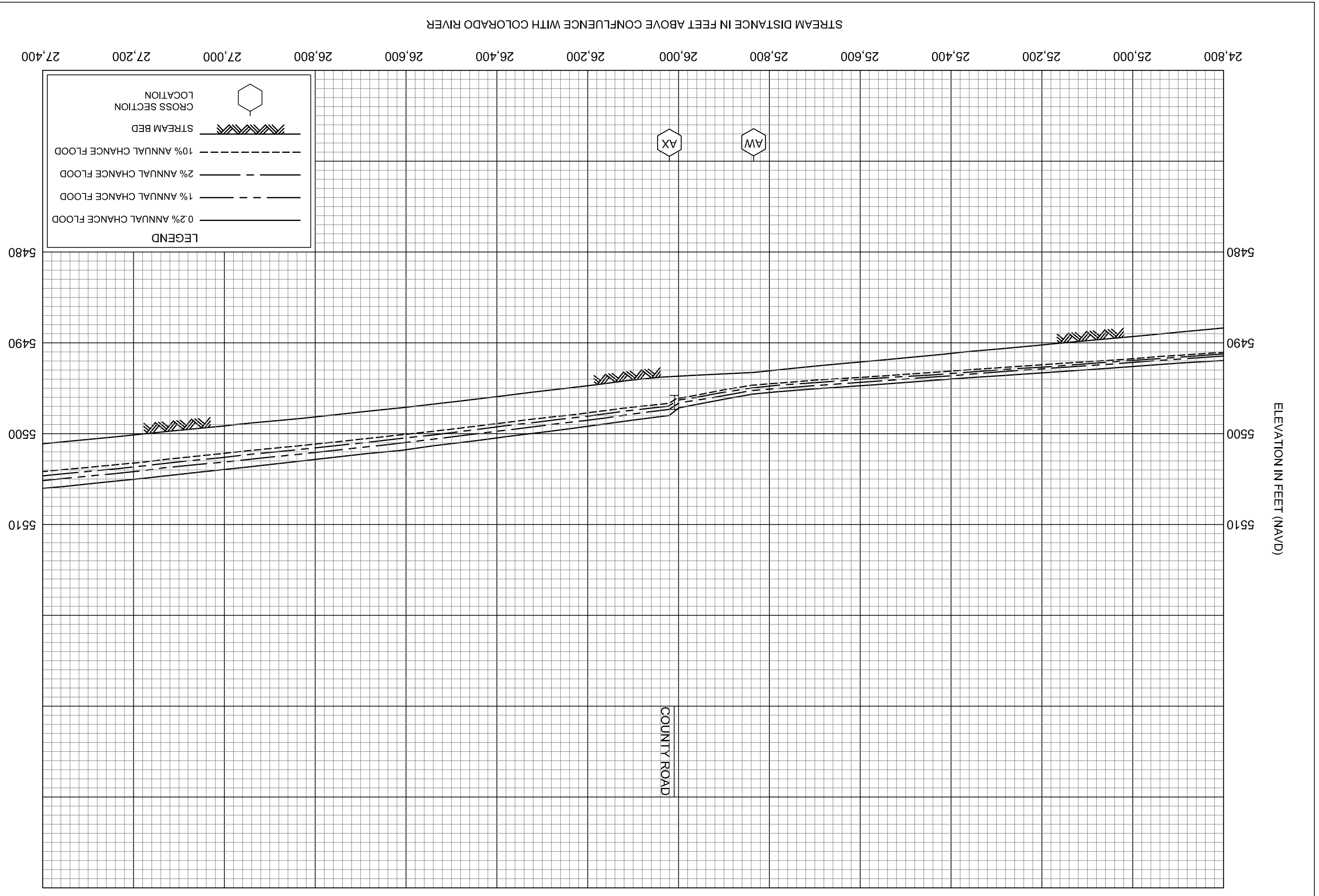
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK

99P



FEDERAL EMERGENCY MANAGEMENT AGENCY

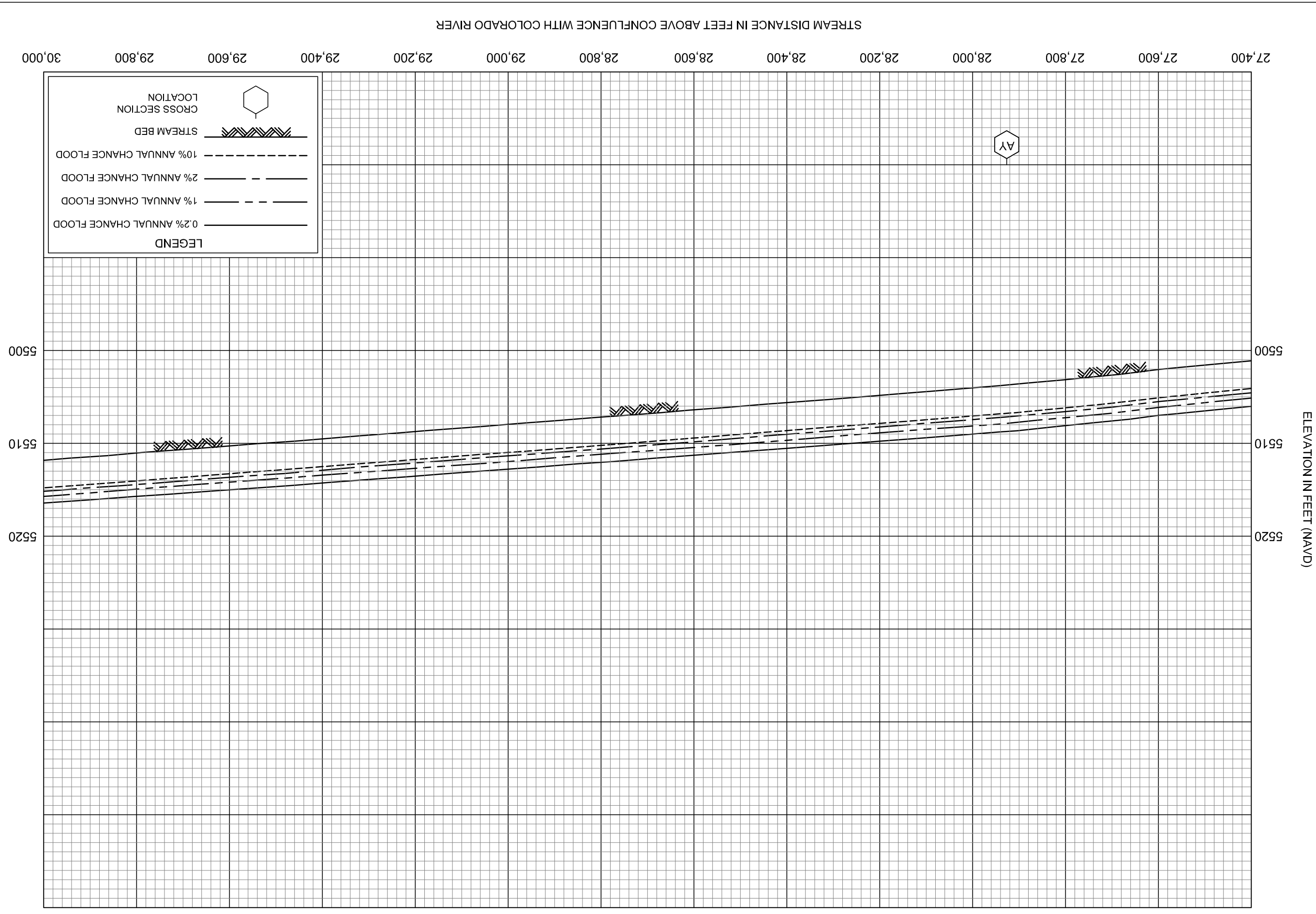
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK

100P



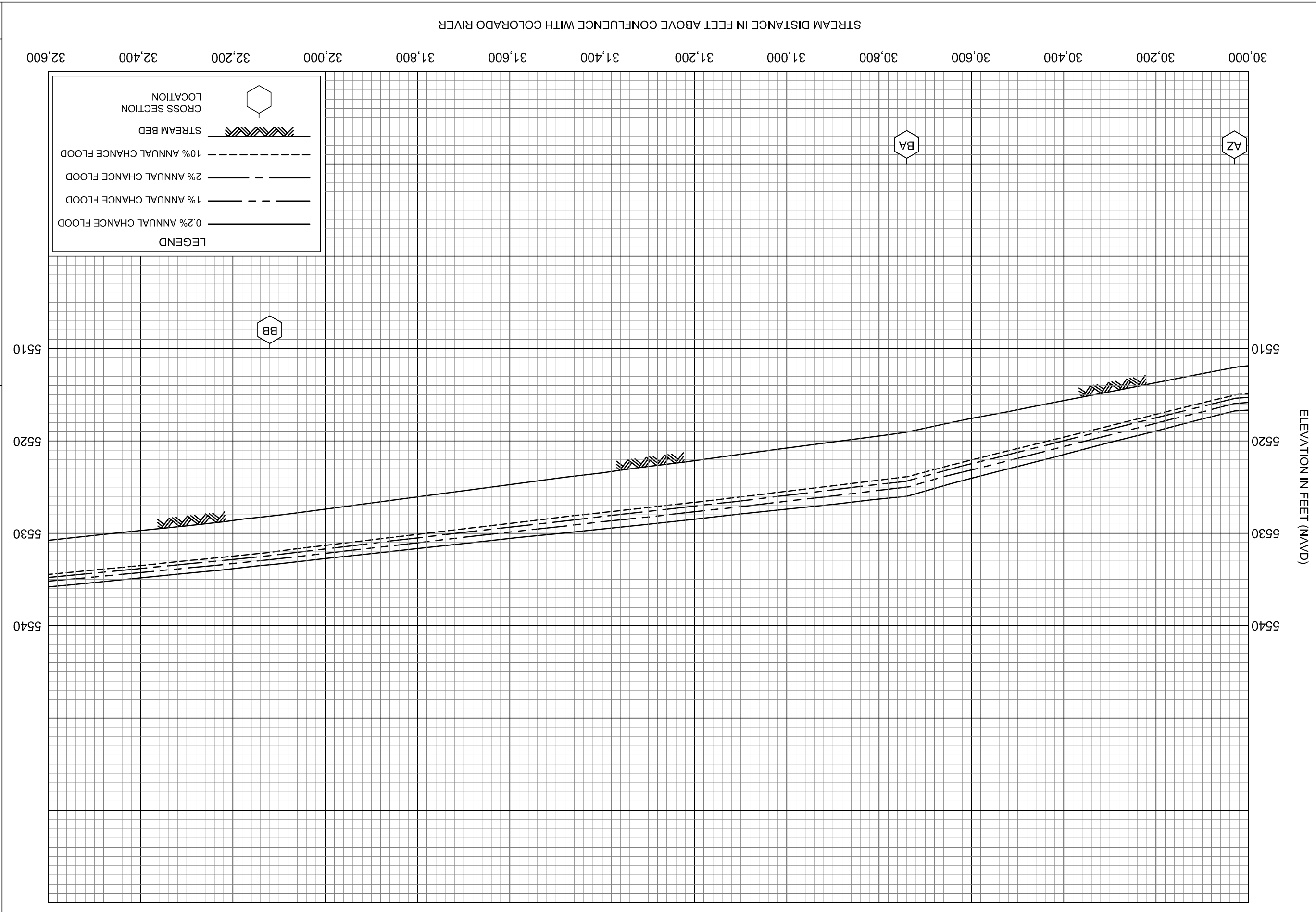
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



1017P

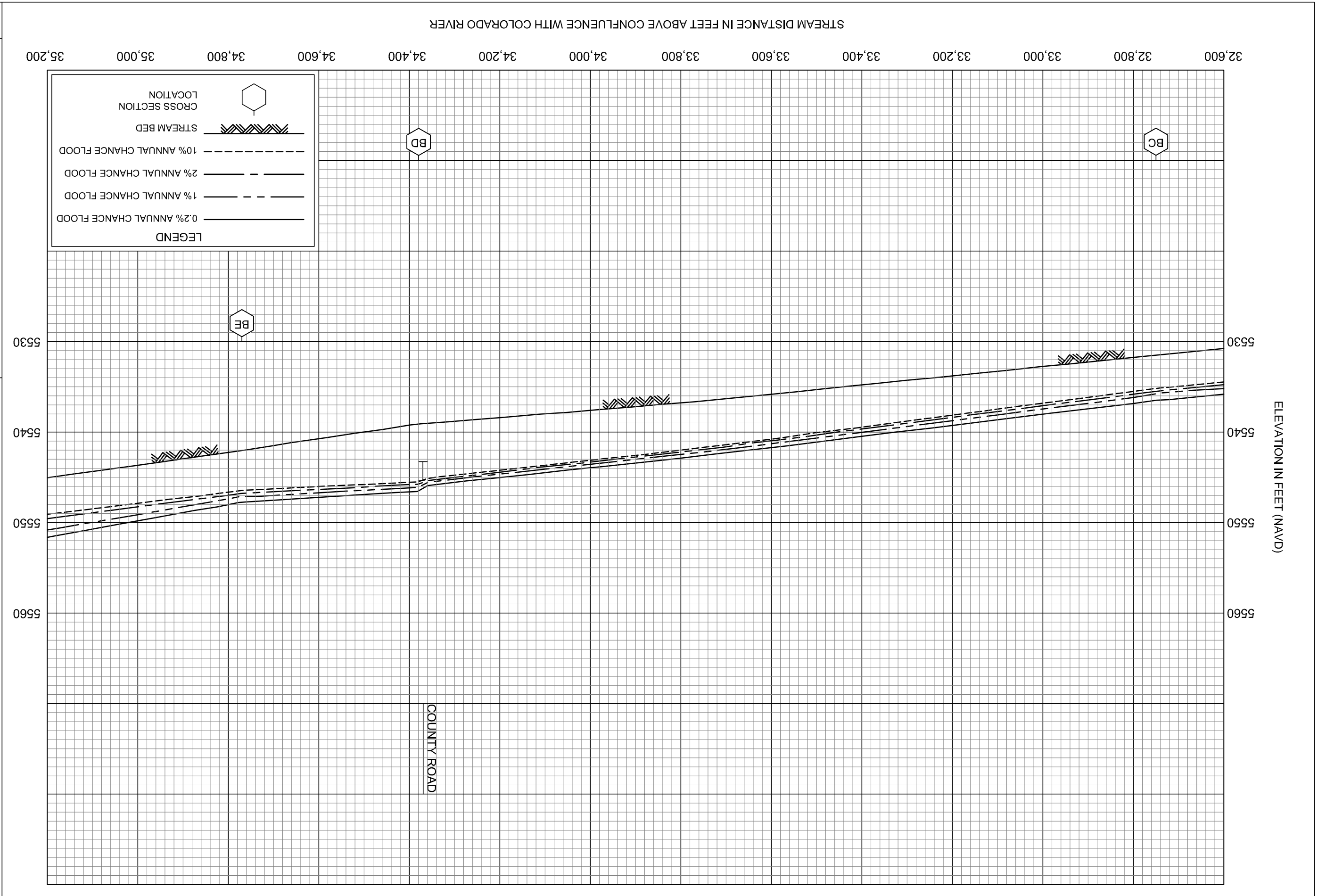
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



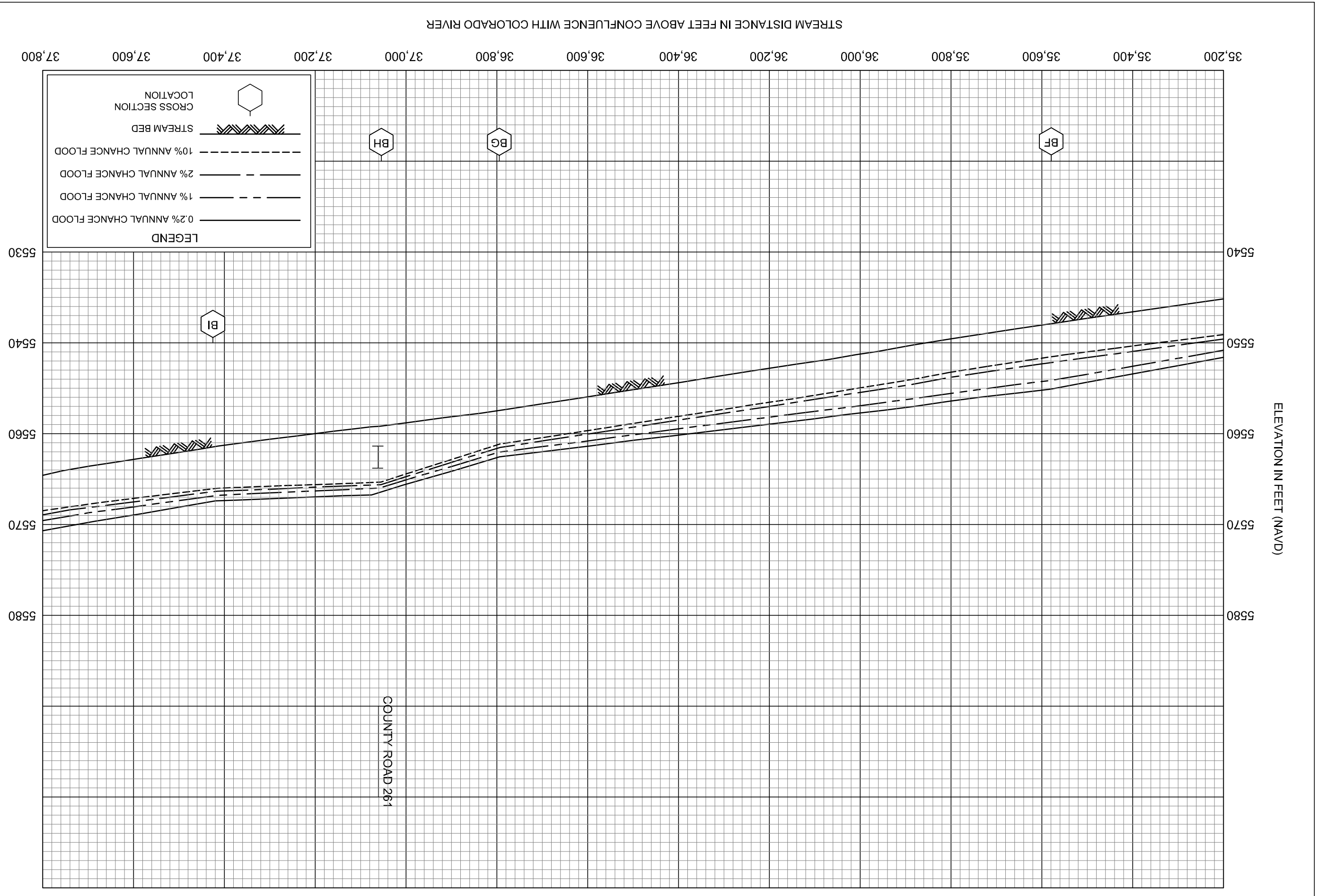
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



103P

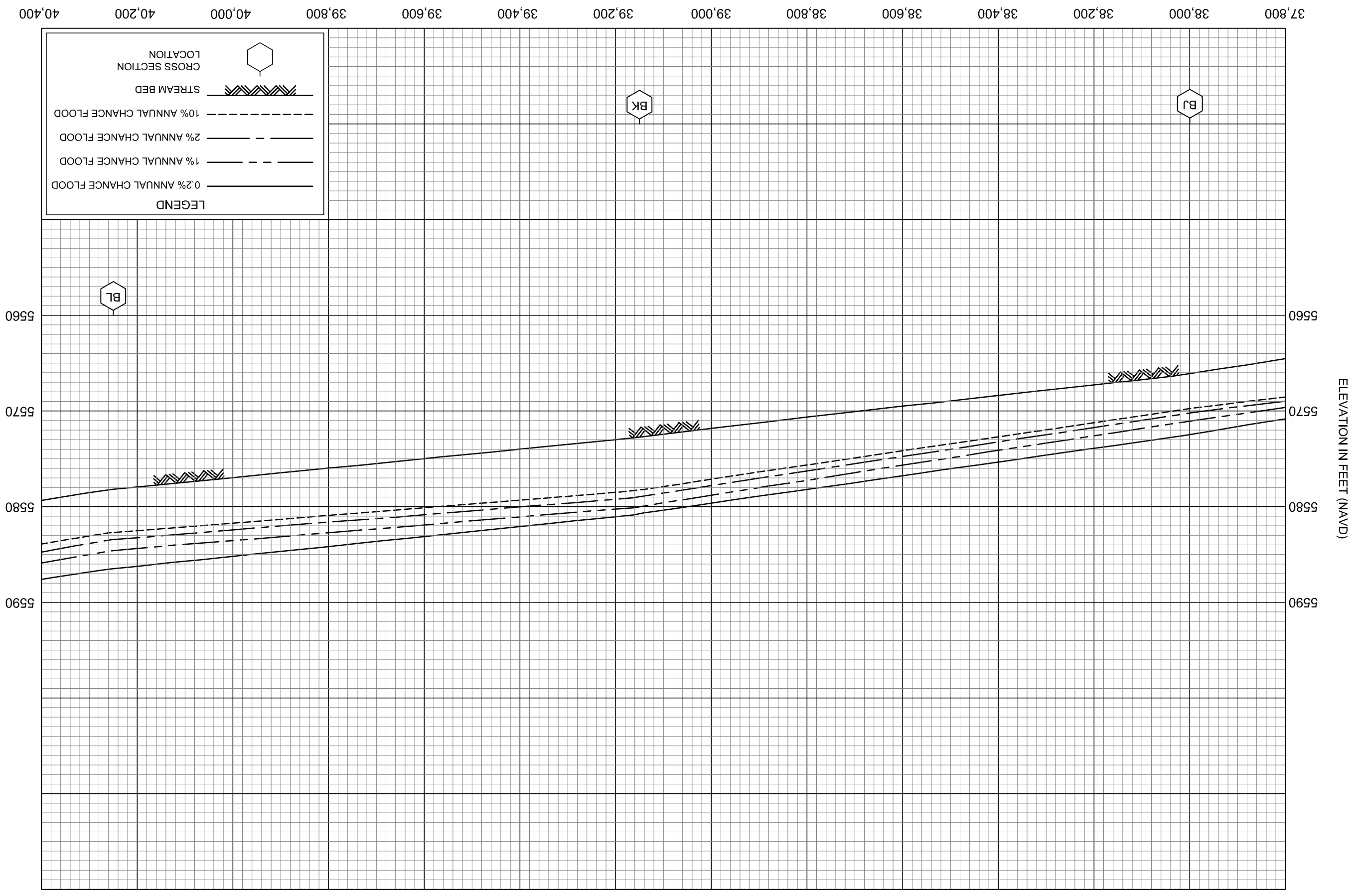
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK

105P

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH COLORADO RIVER

40,400 40,600 40,800 41,000 41,200 41,400 41,600 41,800 42,000 42,200 42,400 42,600 42,800 43,000

ELEVATION IN FEET (NAVD)

5570 5580 5590 5600 5610

BM

BN

LEGEND

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

ELEVATION IN FEET (NAVD)

5590 5600 5610 5620 5630 5640 5650

43,000 43,200 43,400 43,600 43,800 44,000 44,200 44,400 44,600 44,800 45,000 45,200 45,400 45,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH COLORADO RIVER

BO BP BQ BR

COUNTY ROAD 251

LEGEND

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

5600 5610 5620 5630 5640 5650

106P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK

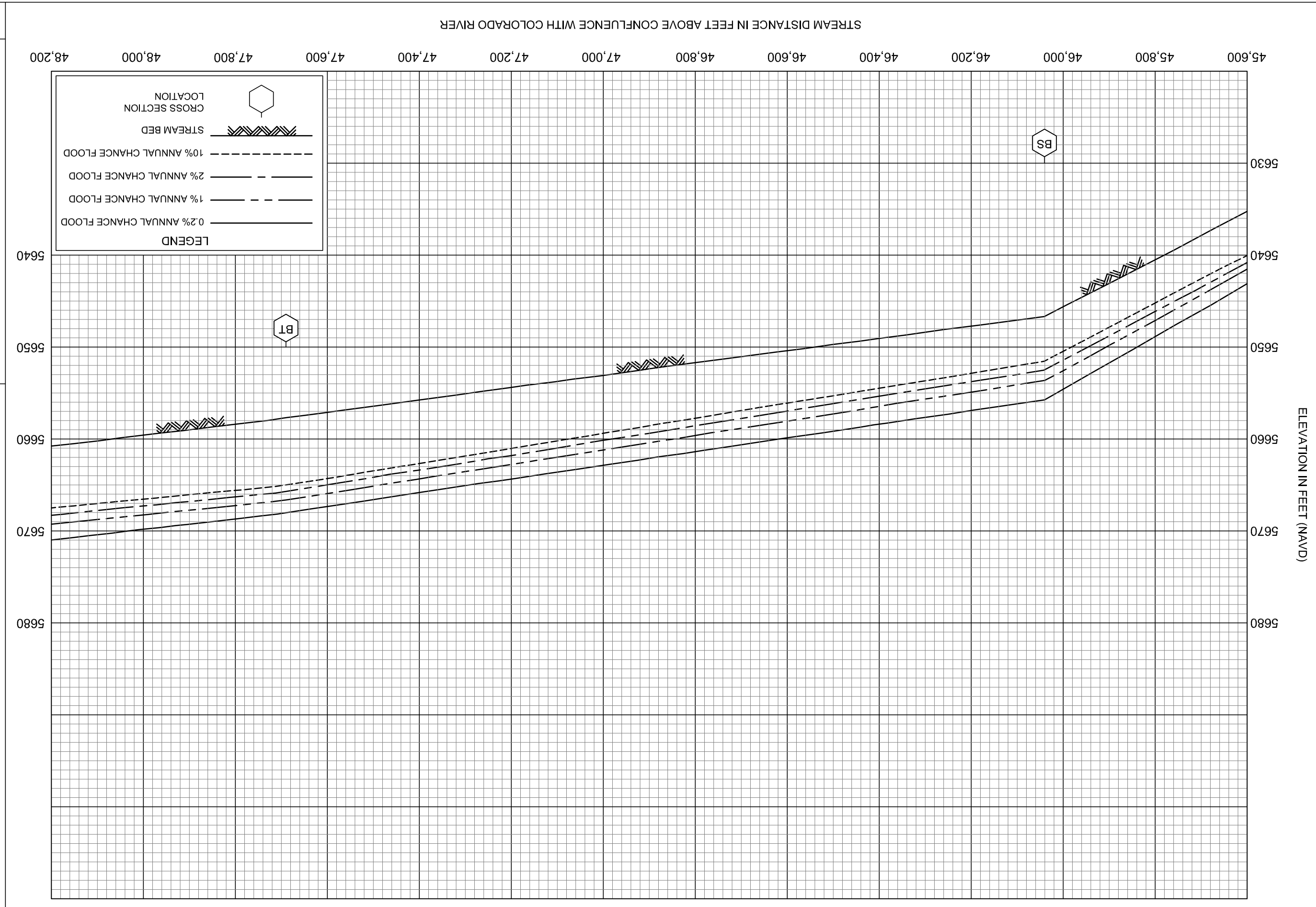
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



107P

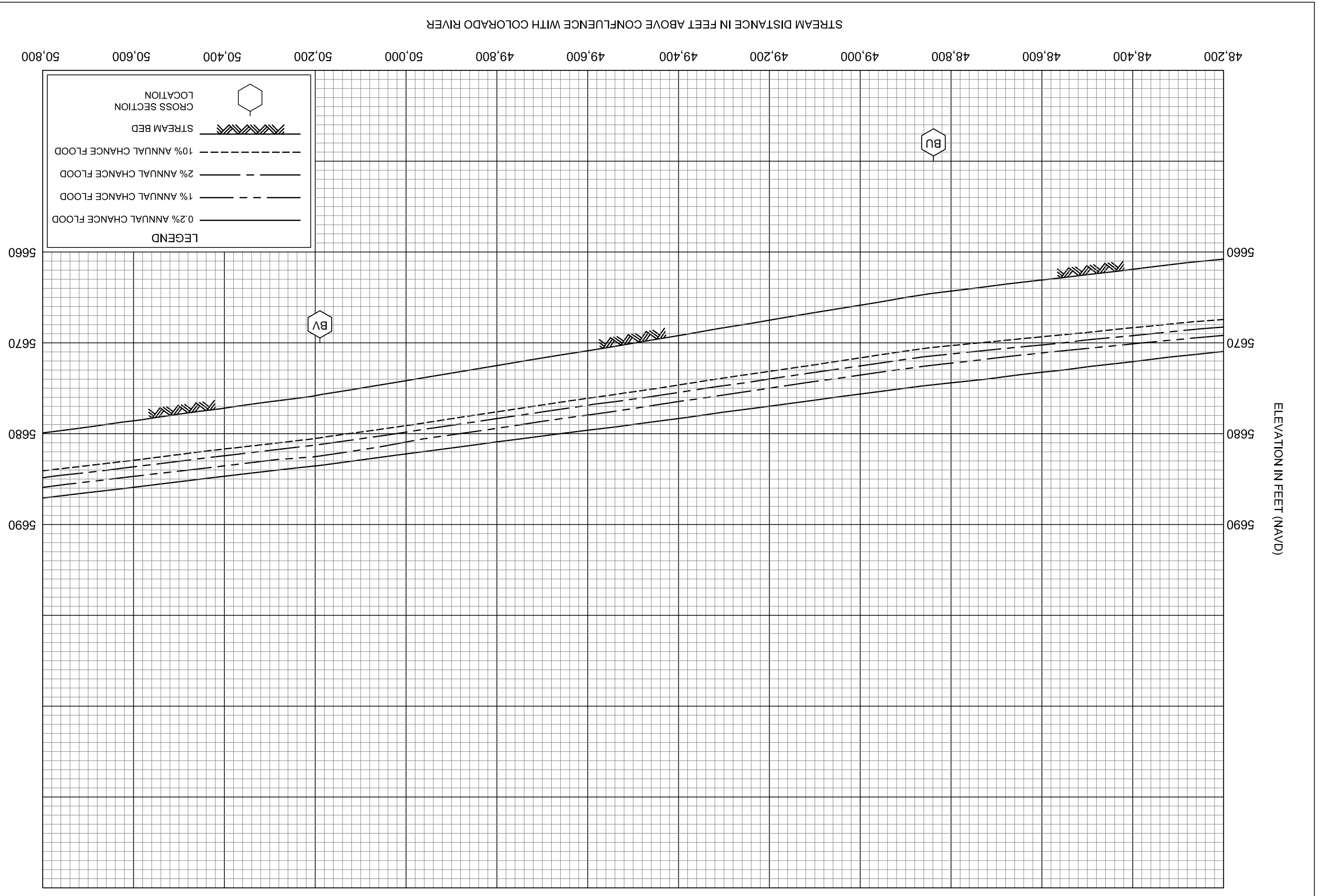
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



108P

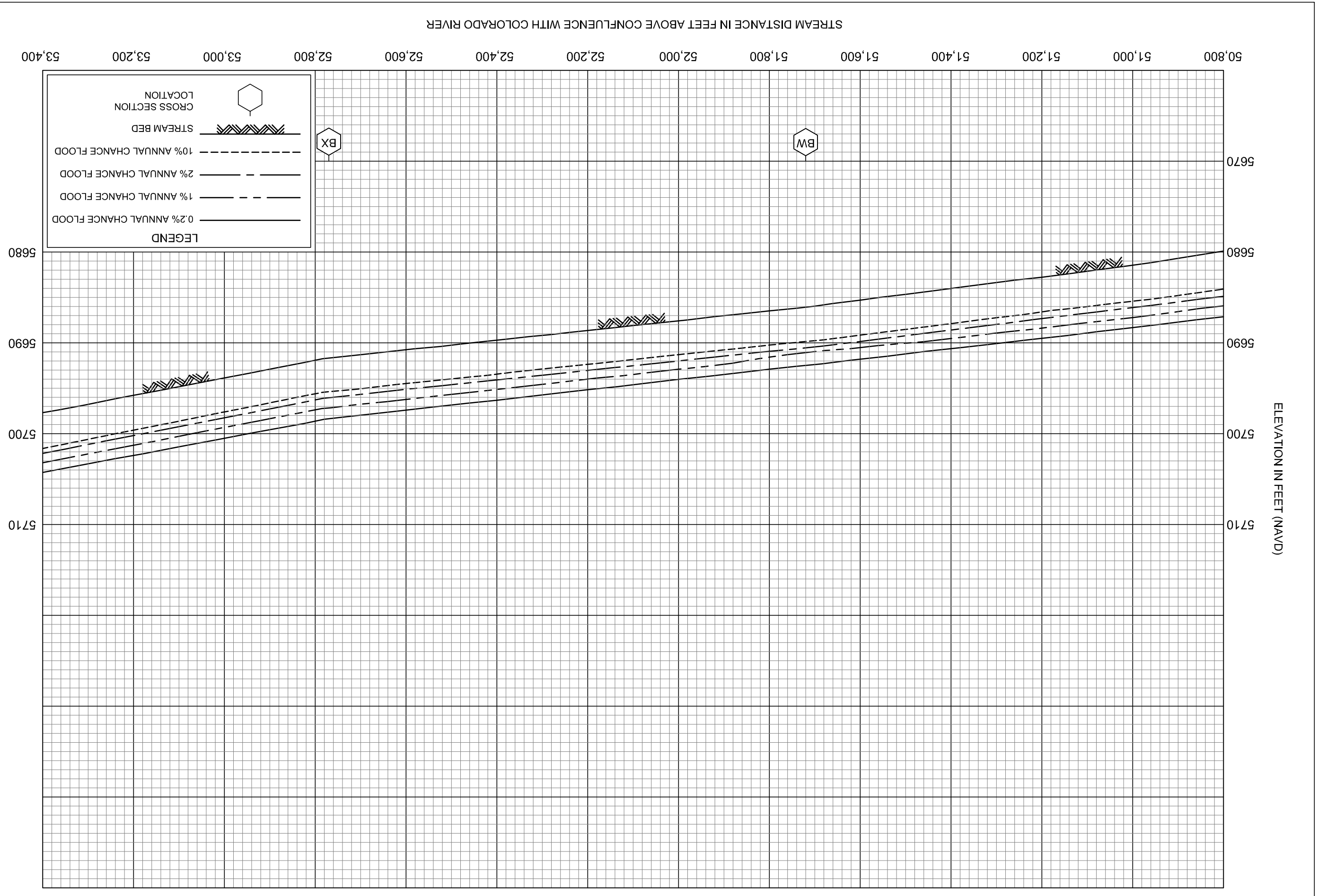
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



109P

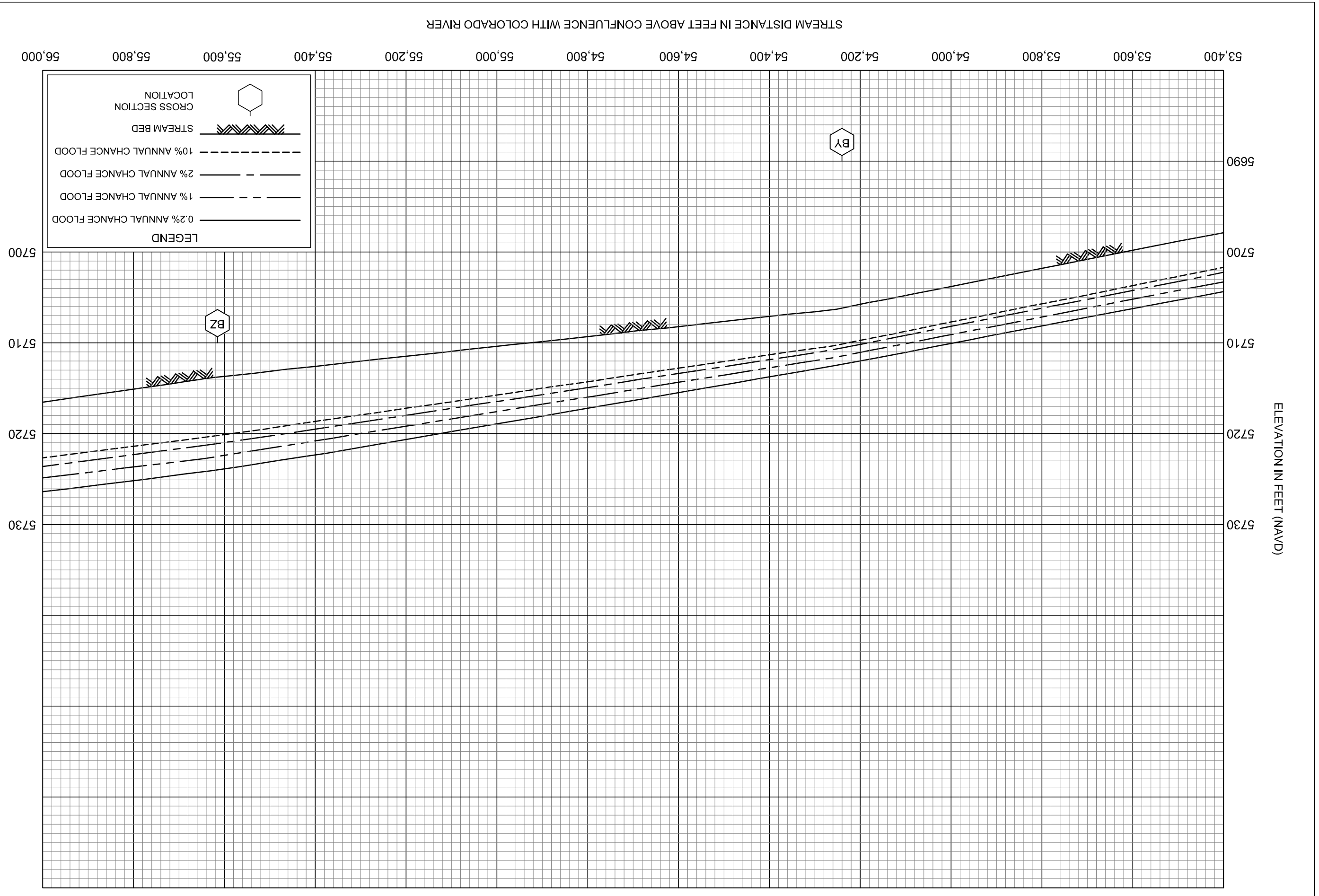
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



111P

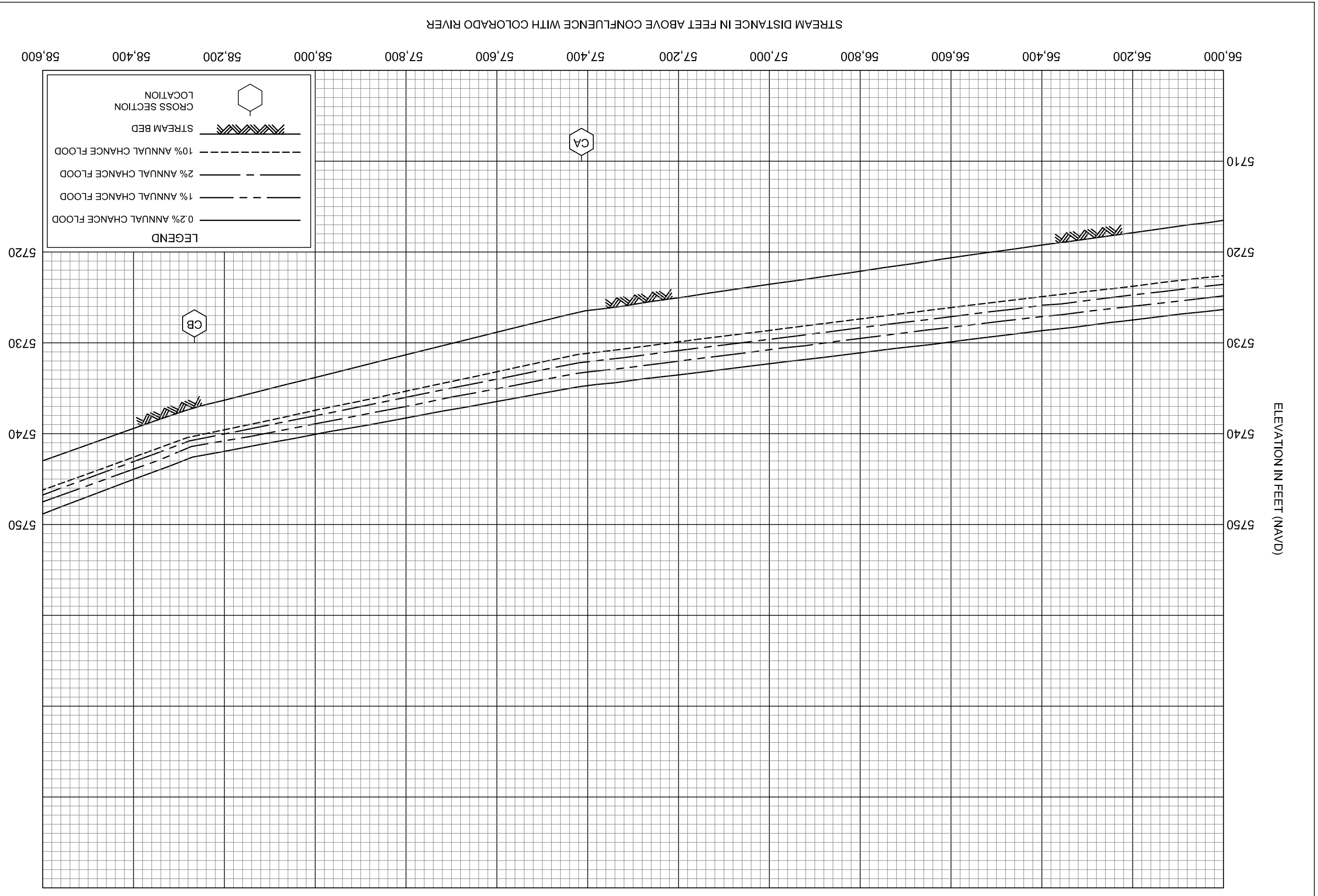
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



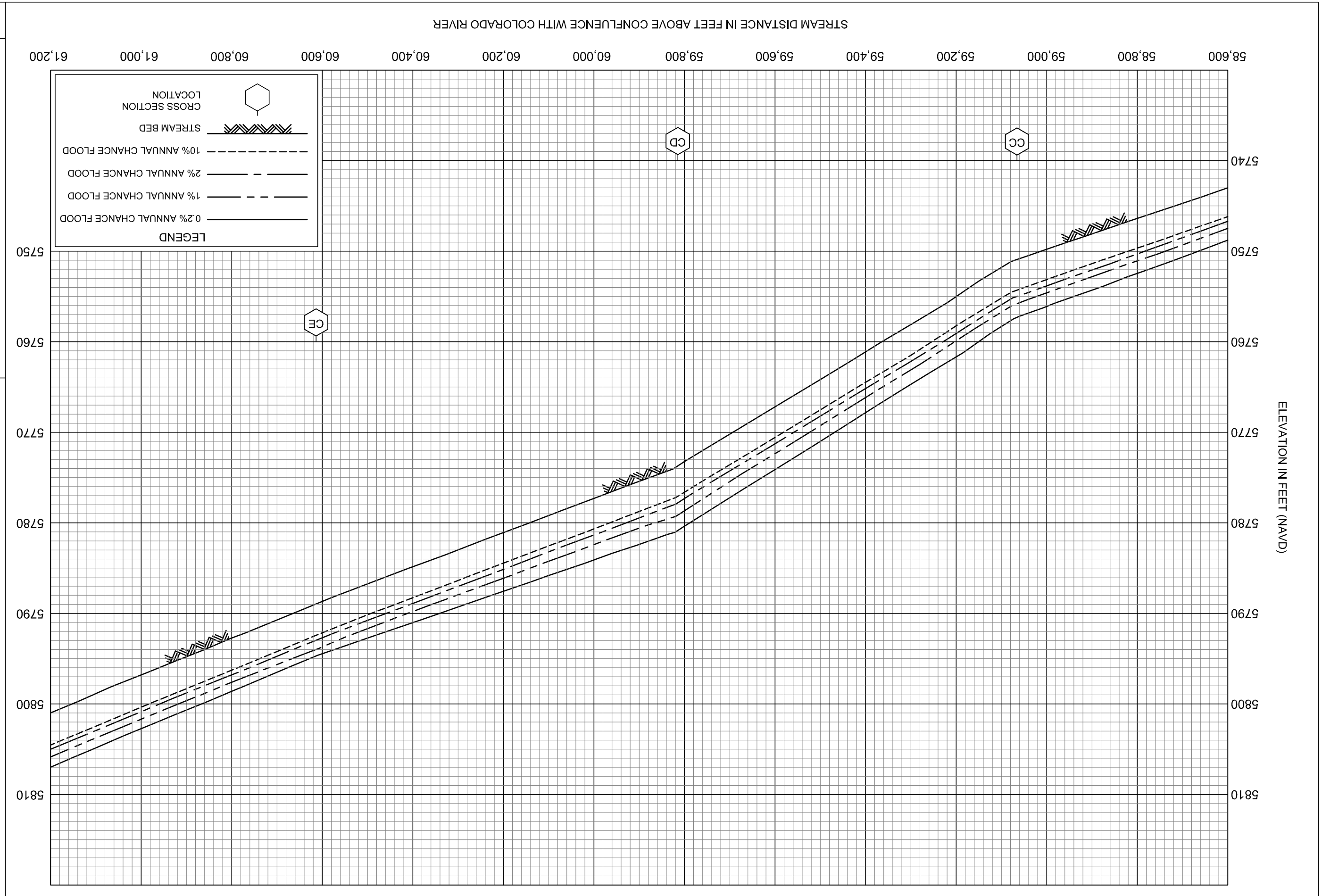
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

RIFLE CREEK

FLOOD PROFILES



112P

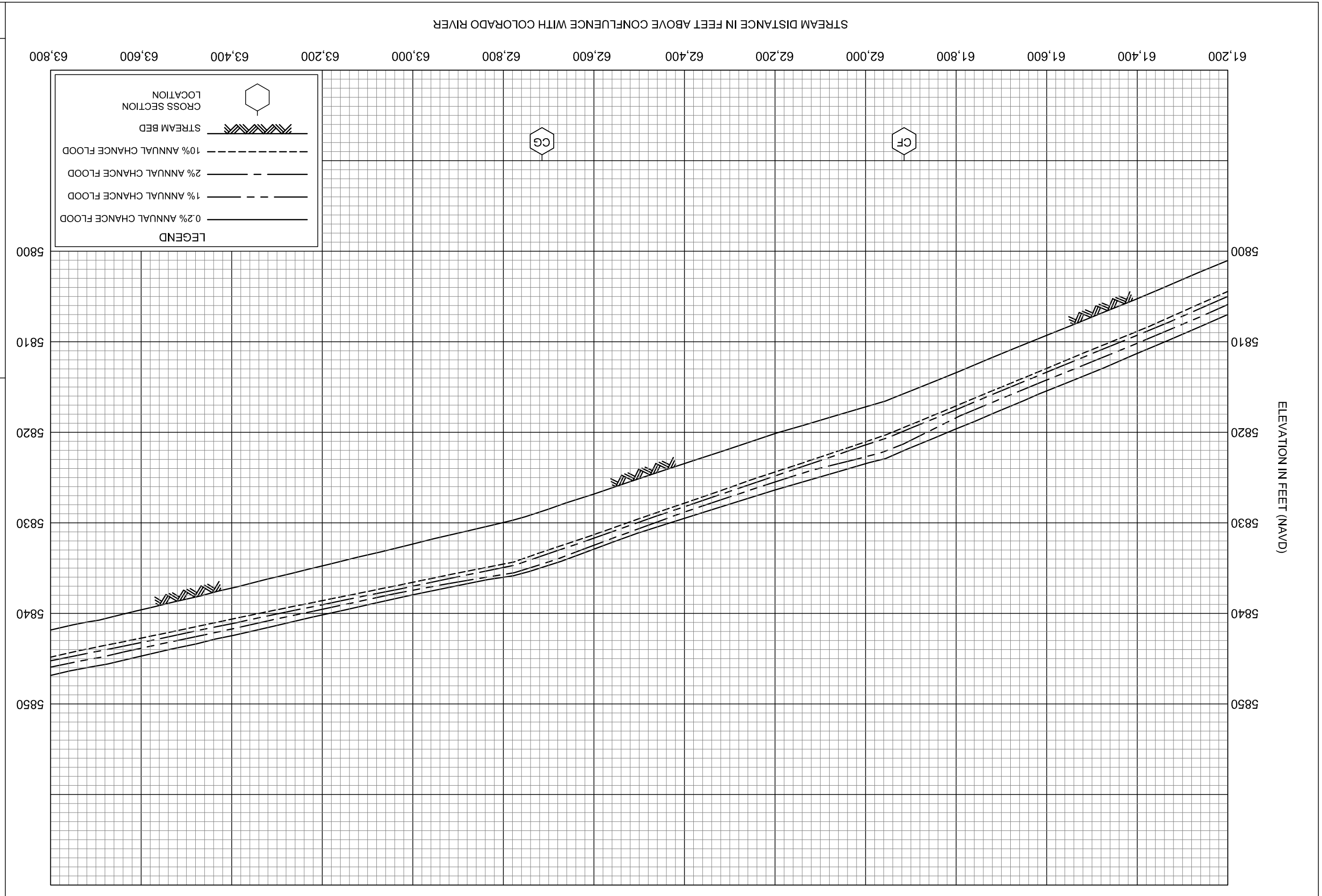
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK



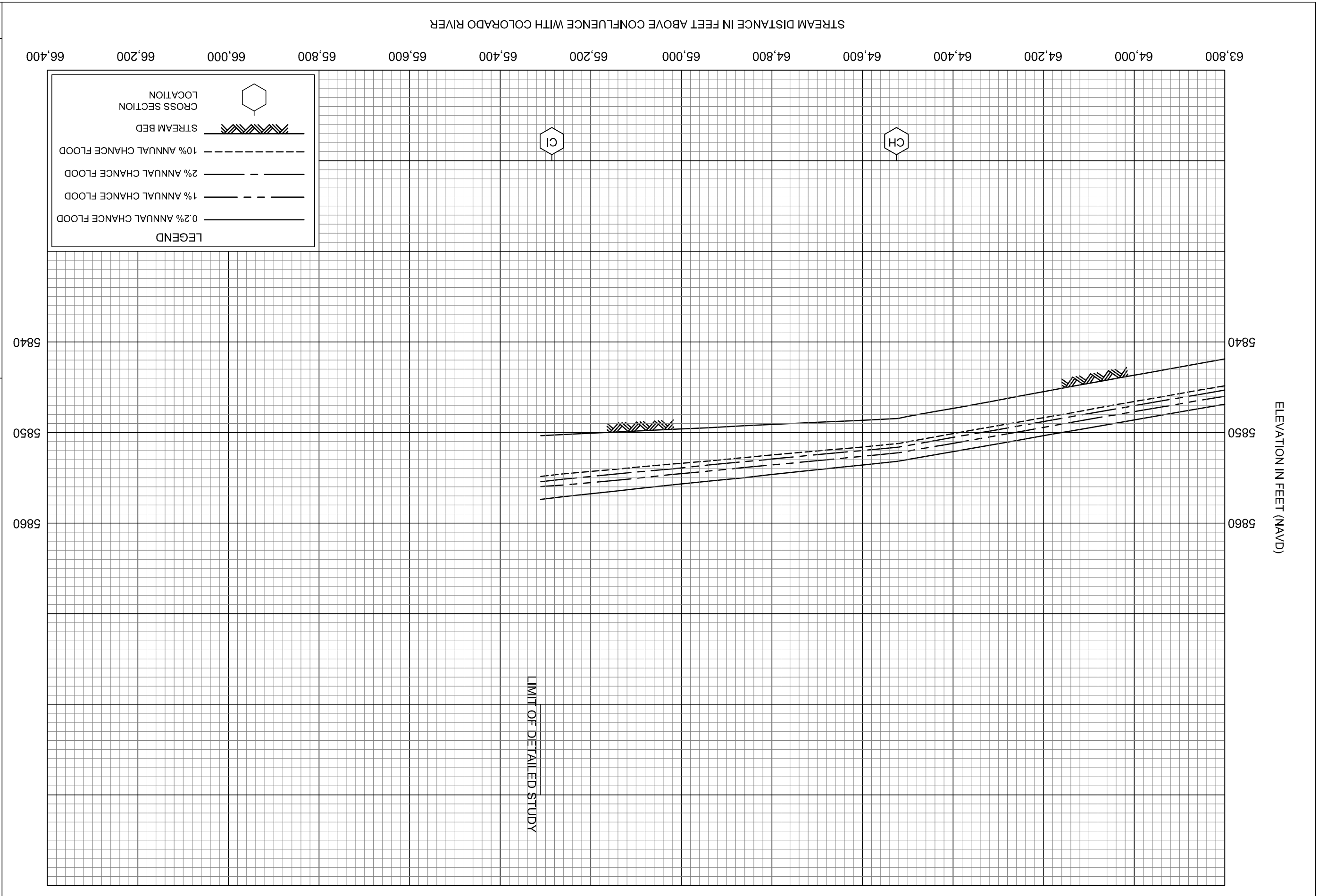
FEDERAL EMERGENCY MANAGEMENT AGENCY

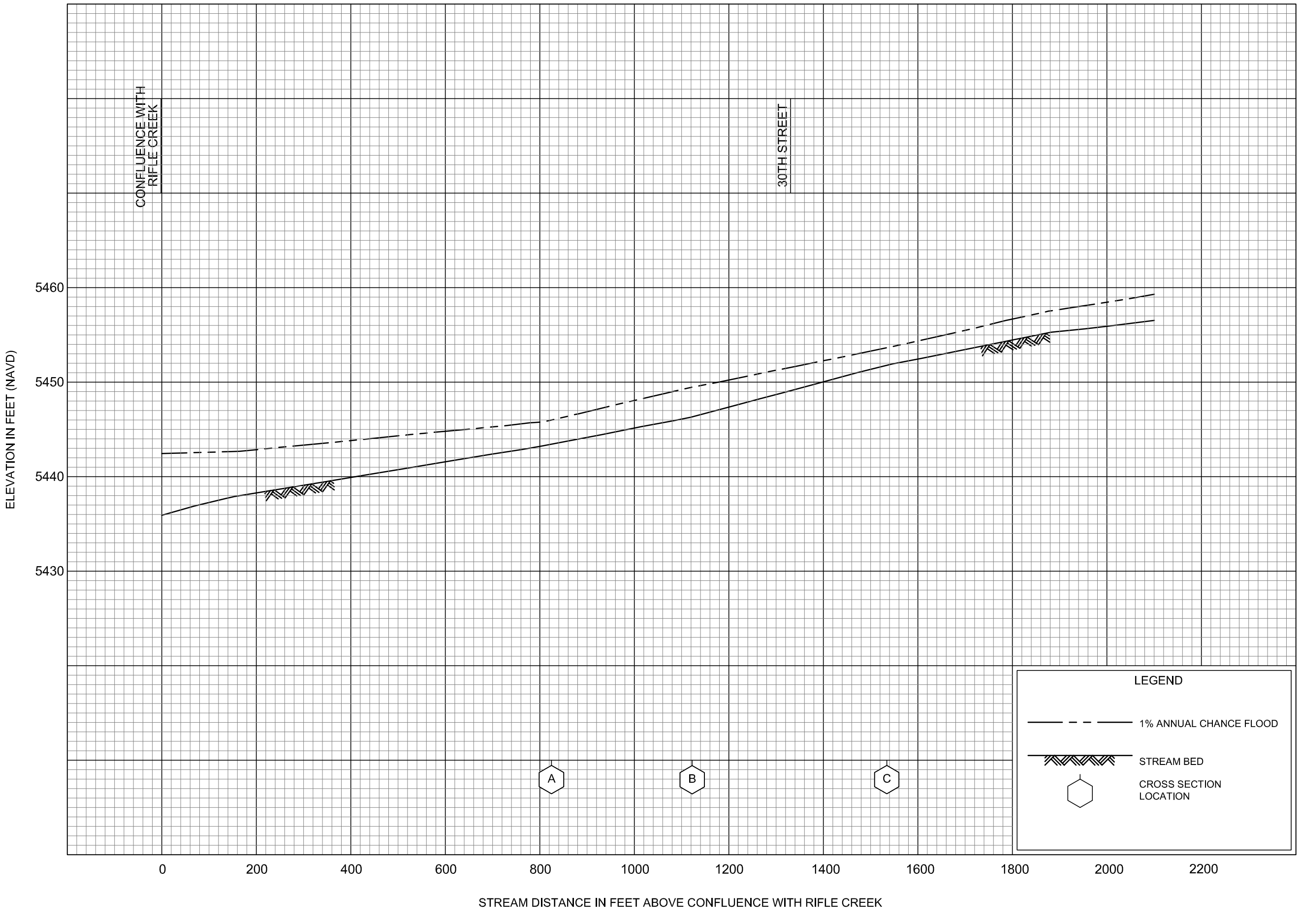
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK





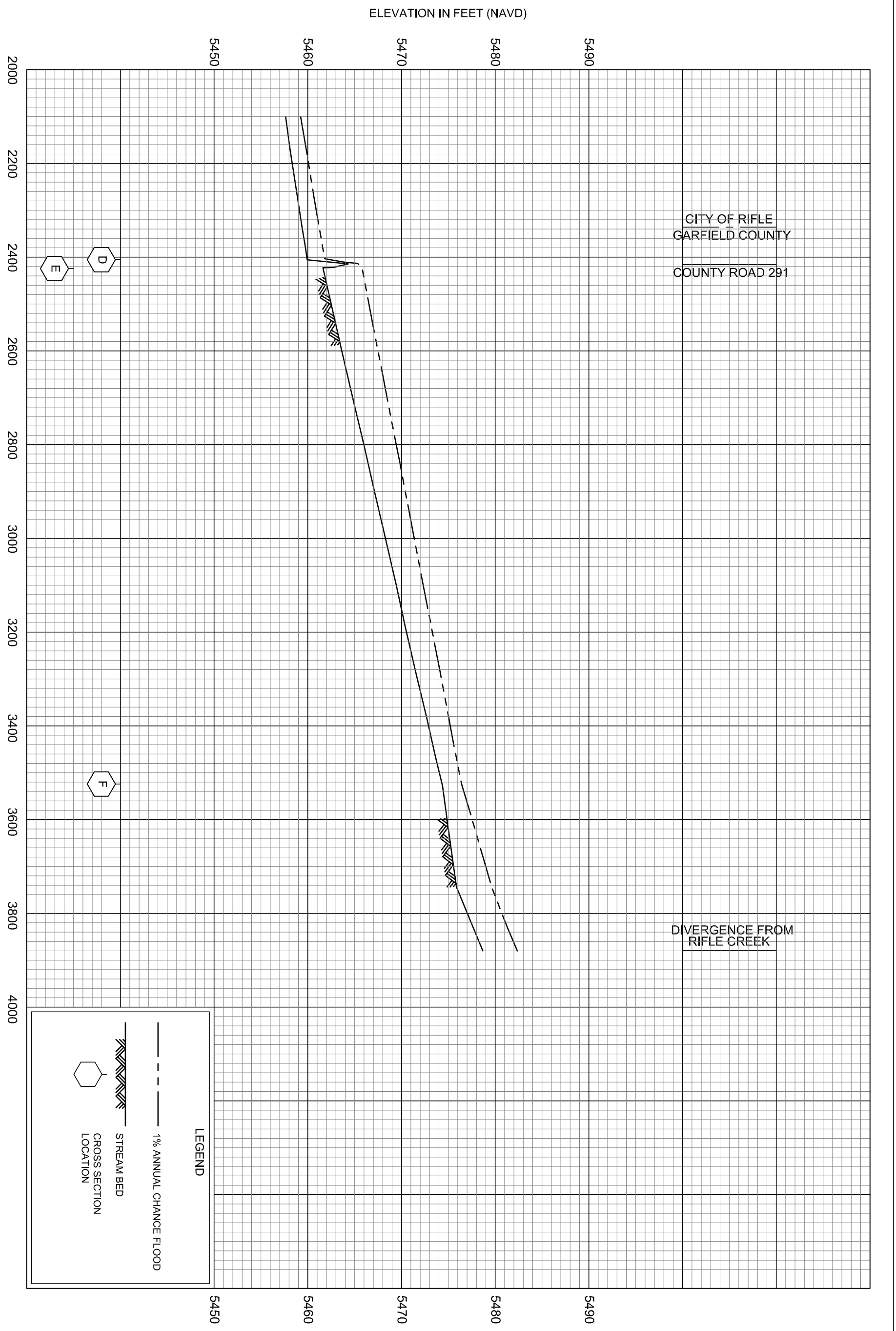
FLOOD PROFILES

RIFLE CREEK SPLITFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS



116P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

RIFLE CREEK SPLITFLOW

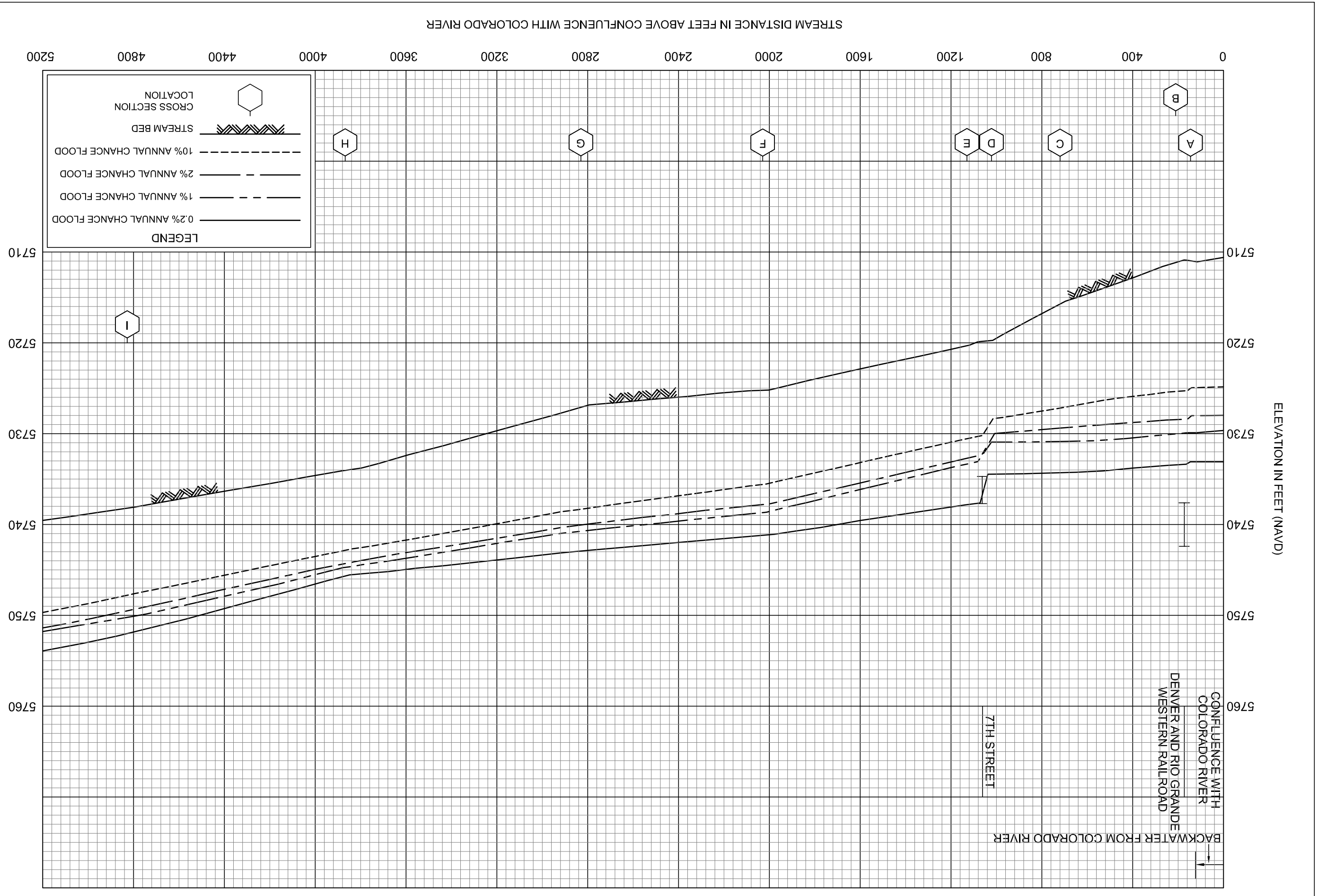
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



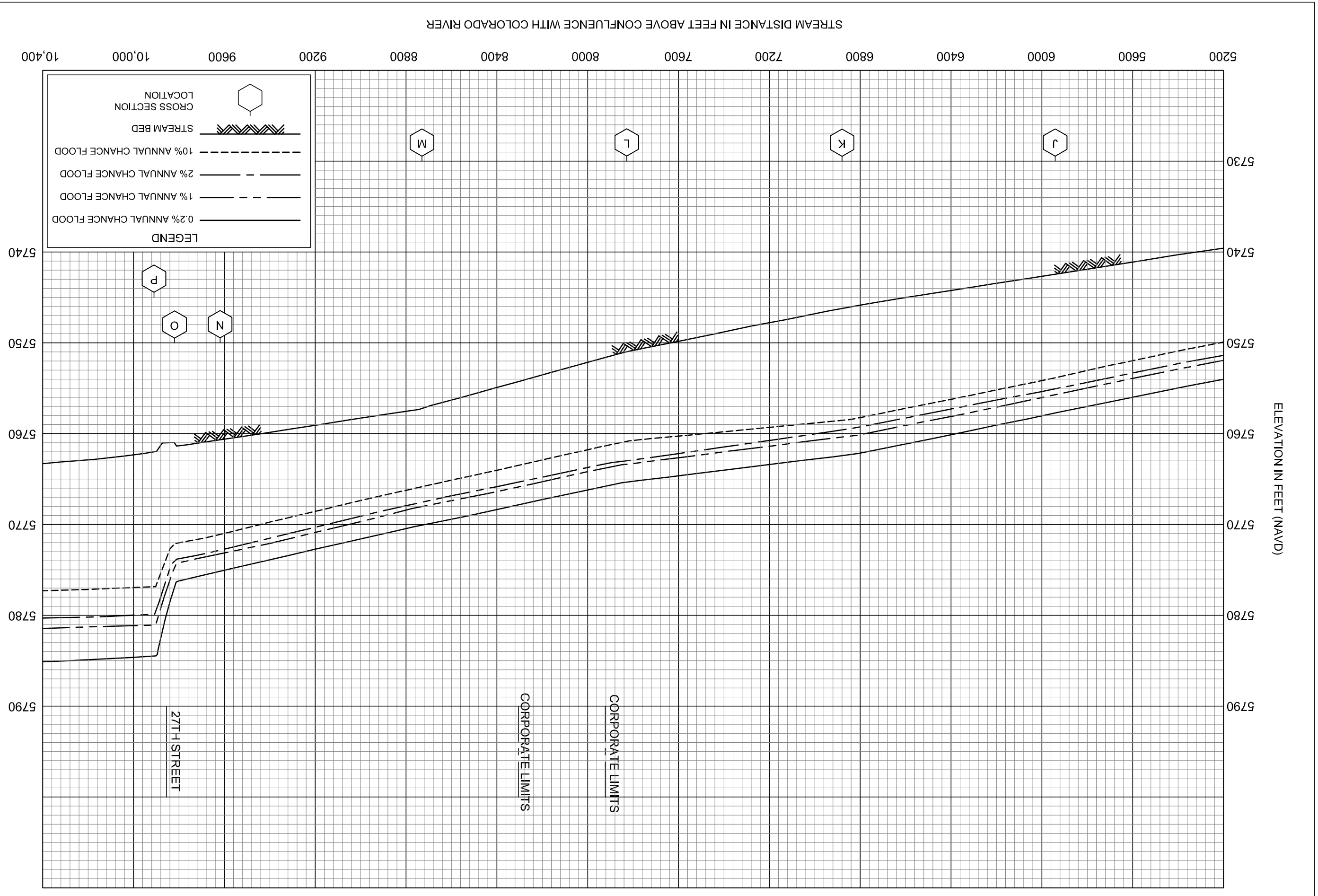
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



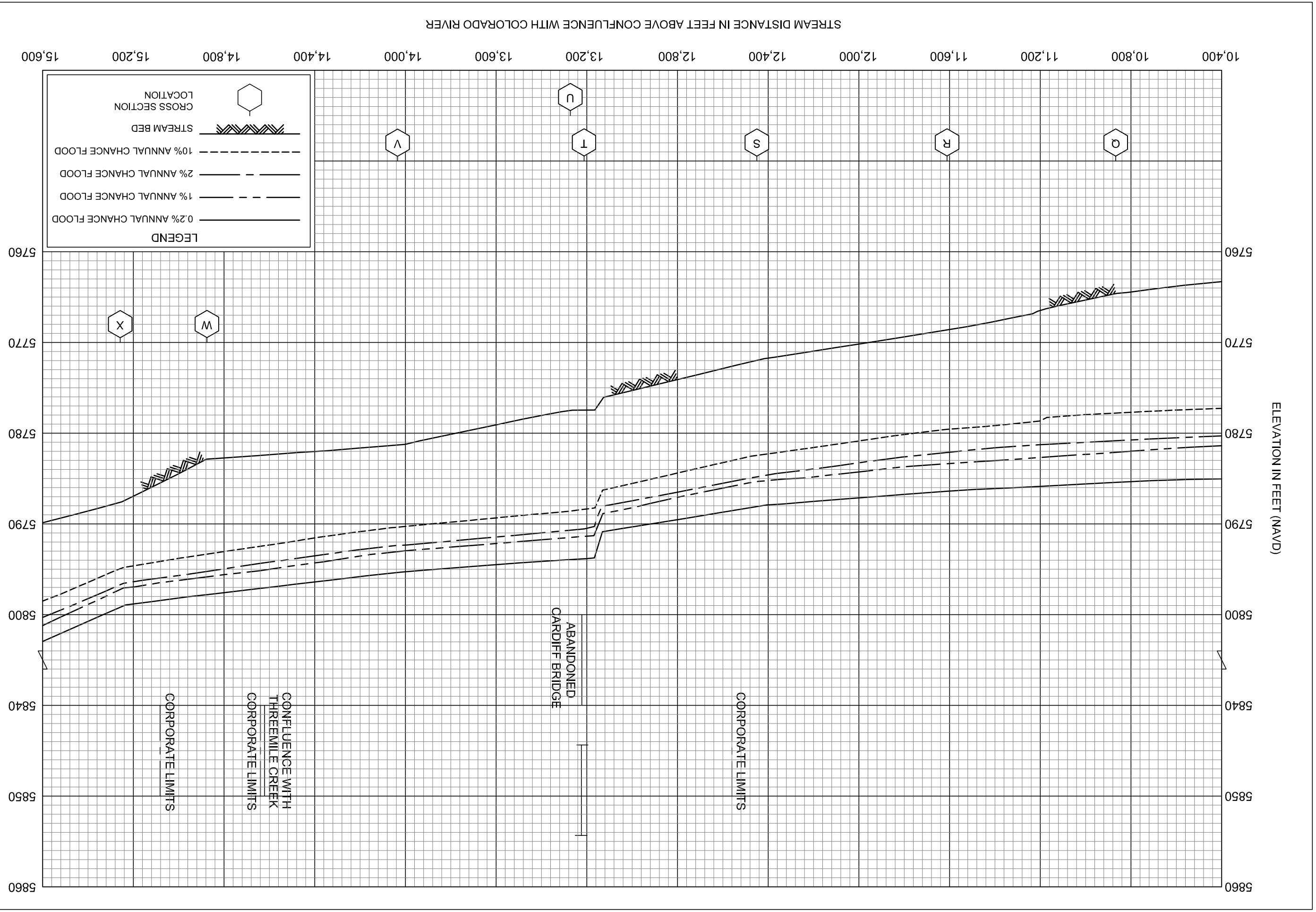
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



119P

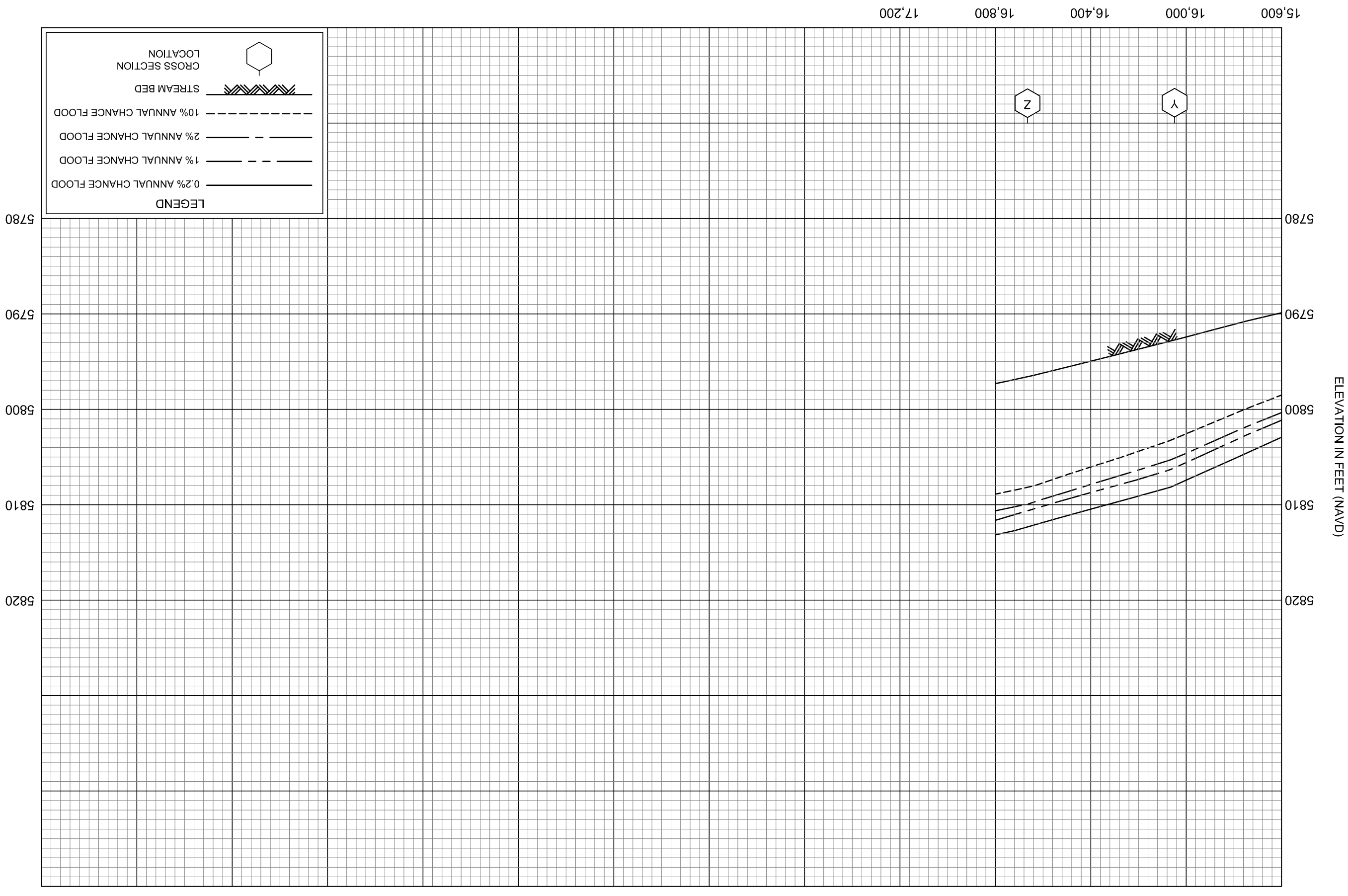
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



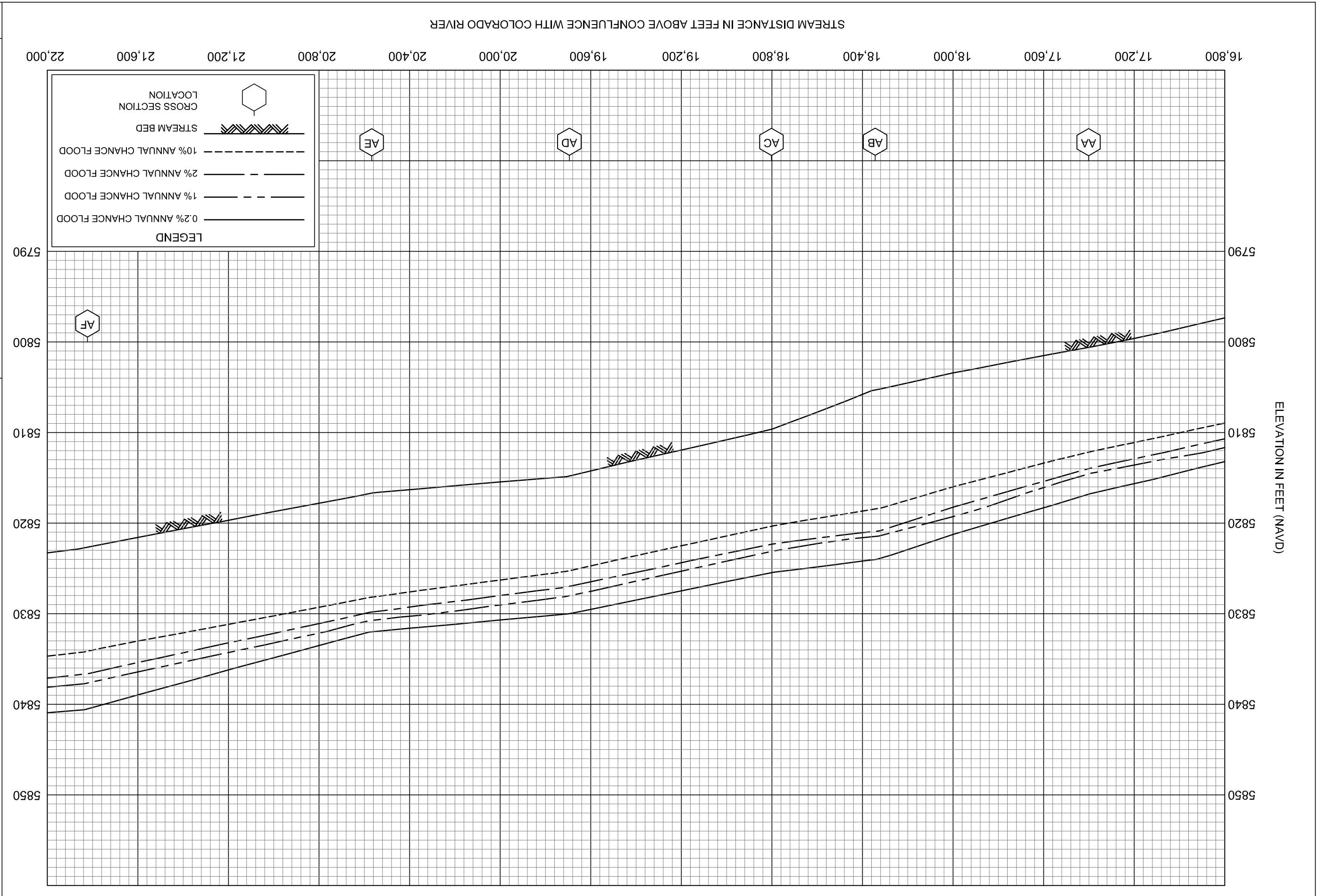
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

ROARING FORK RIVER

FLOOD PROFILES



FEDERAL EMERGENCY MANAGEMENT AGENCY

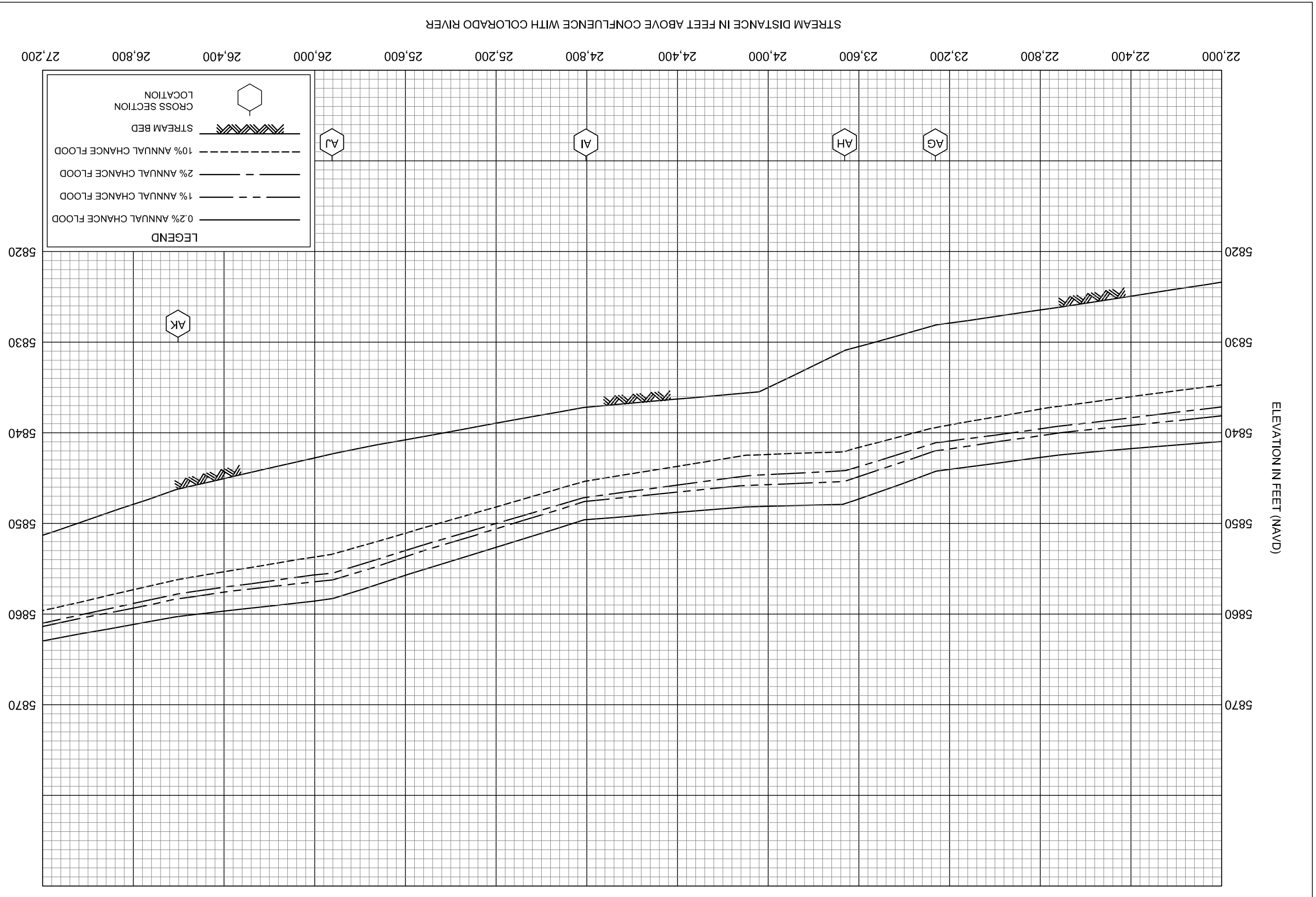
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER

122P



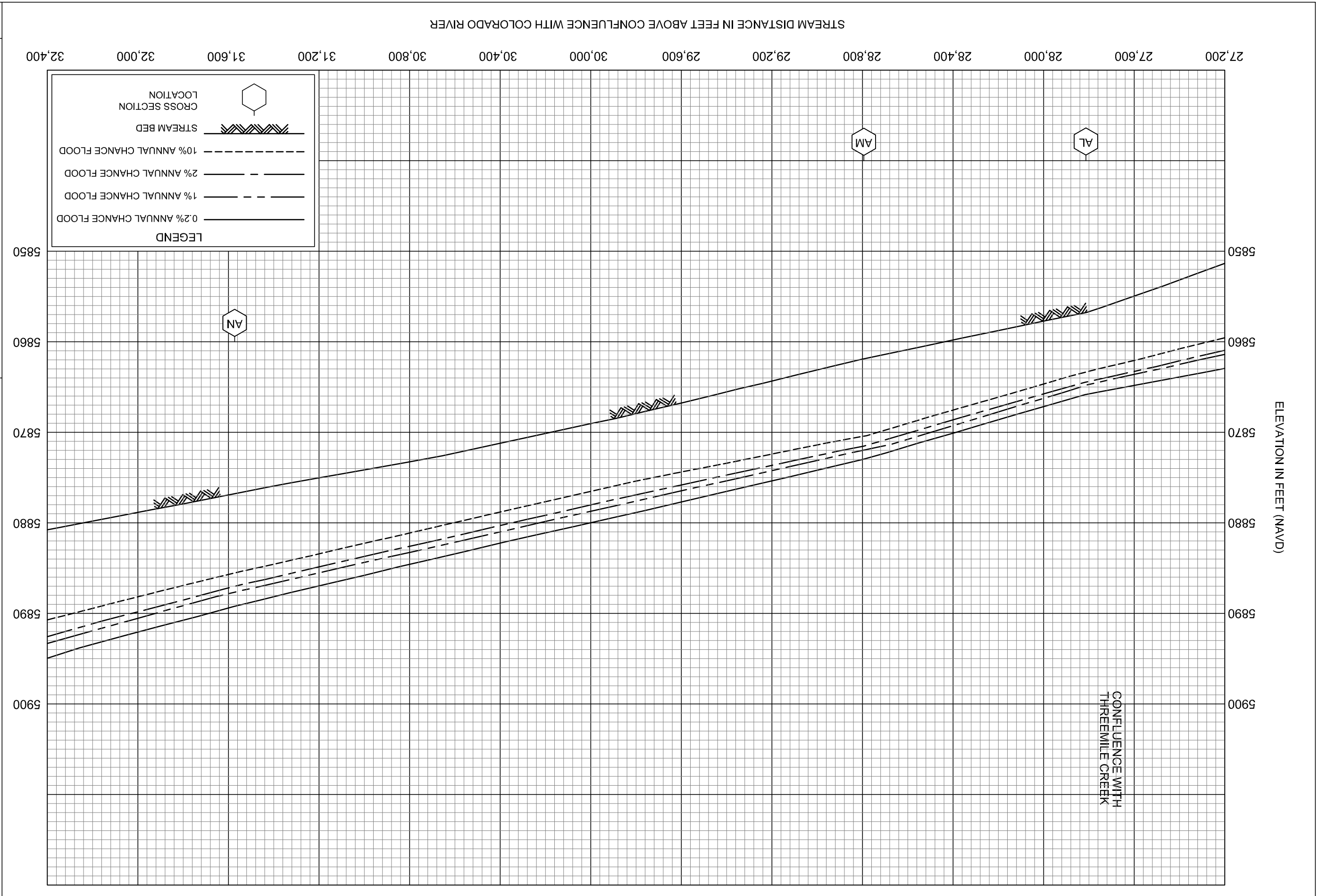
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

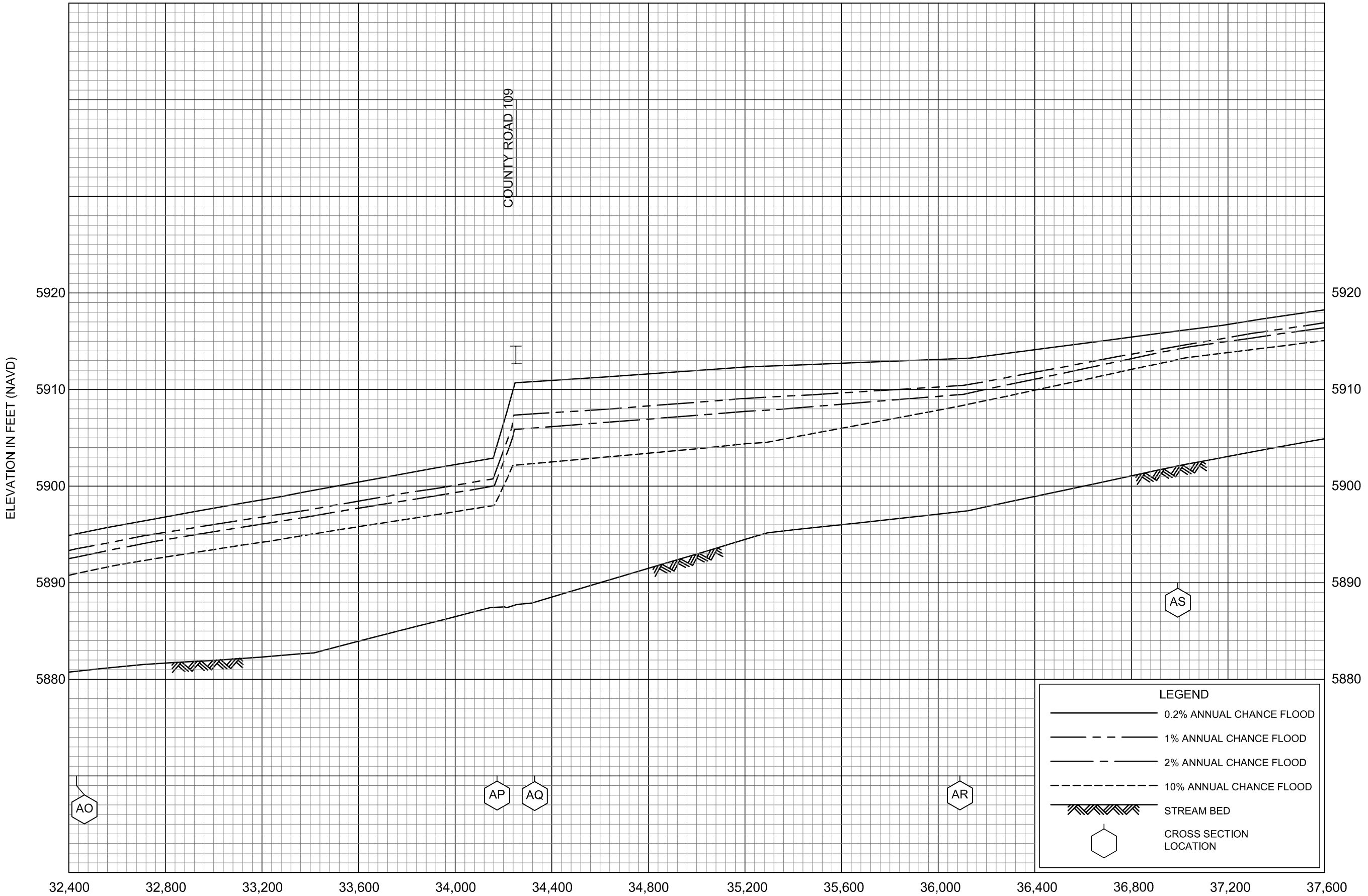
AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



123P



FLOOD PROFILES

ROARING FORK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

124P

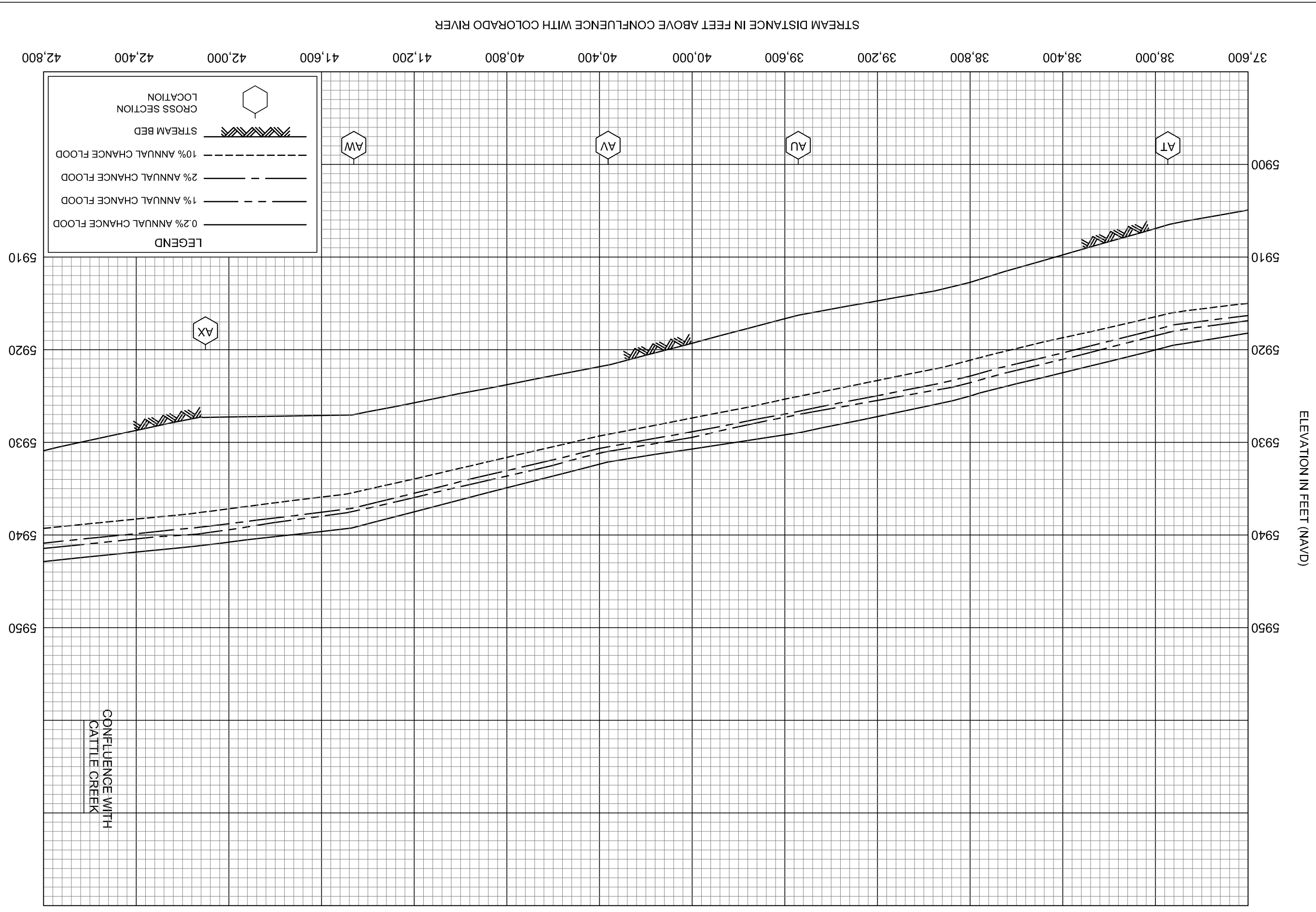
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



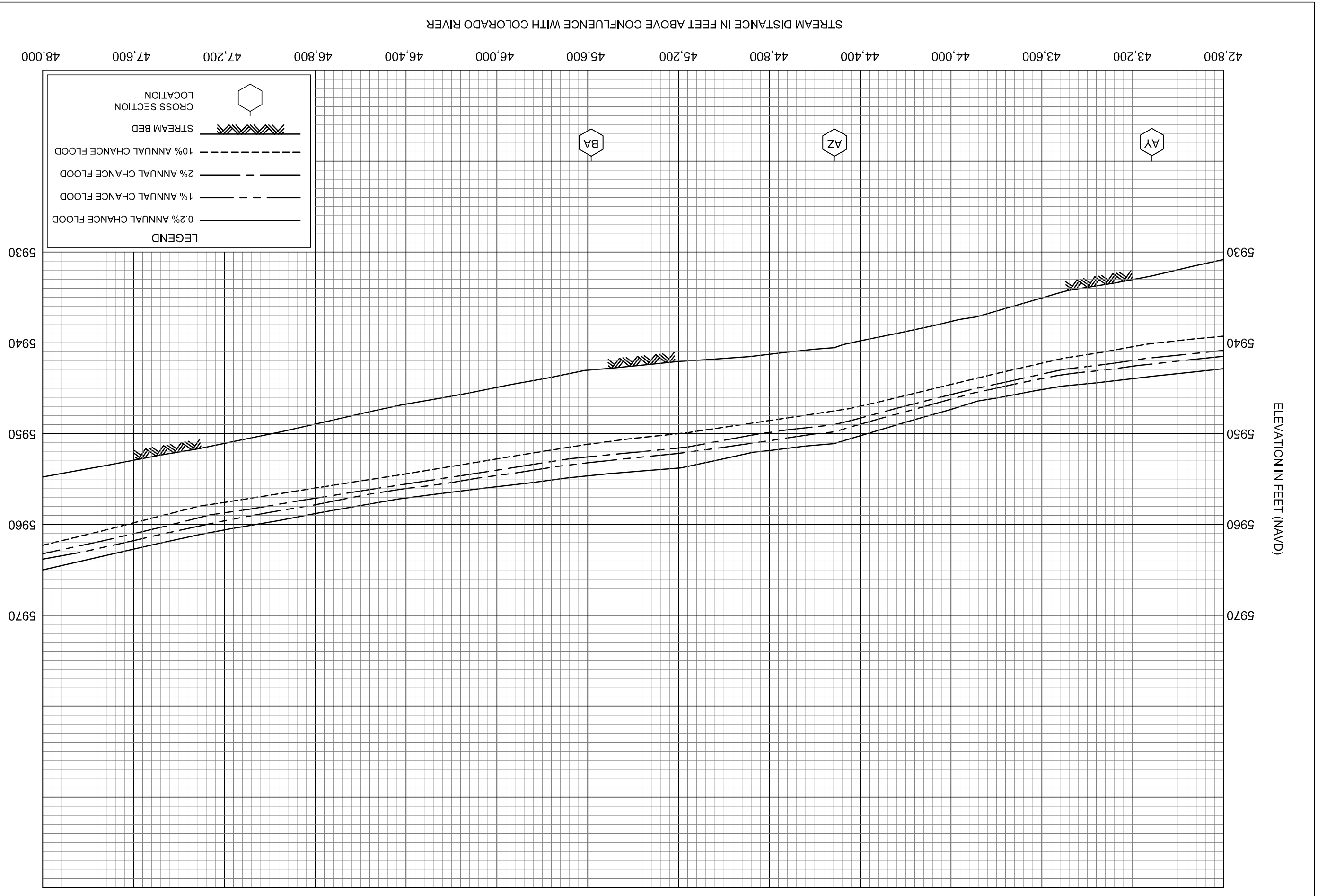
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



FEDERAL EMERGENCY MANAGEMENT AGENCY

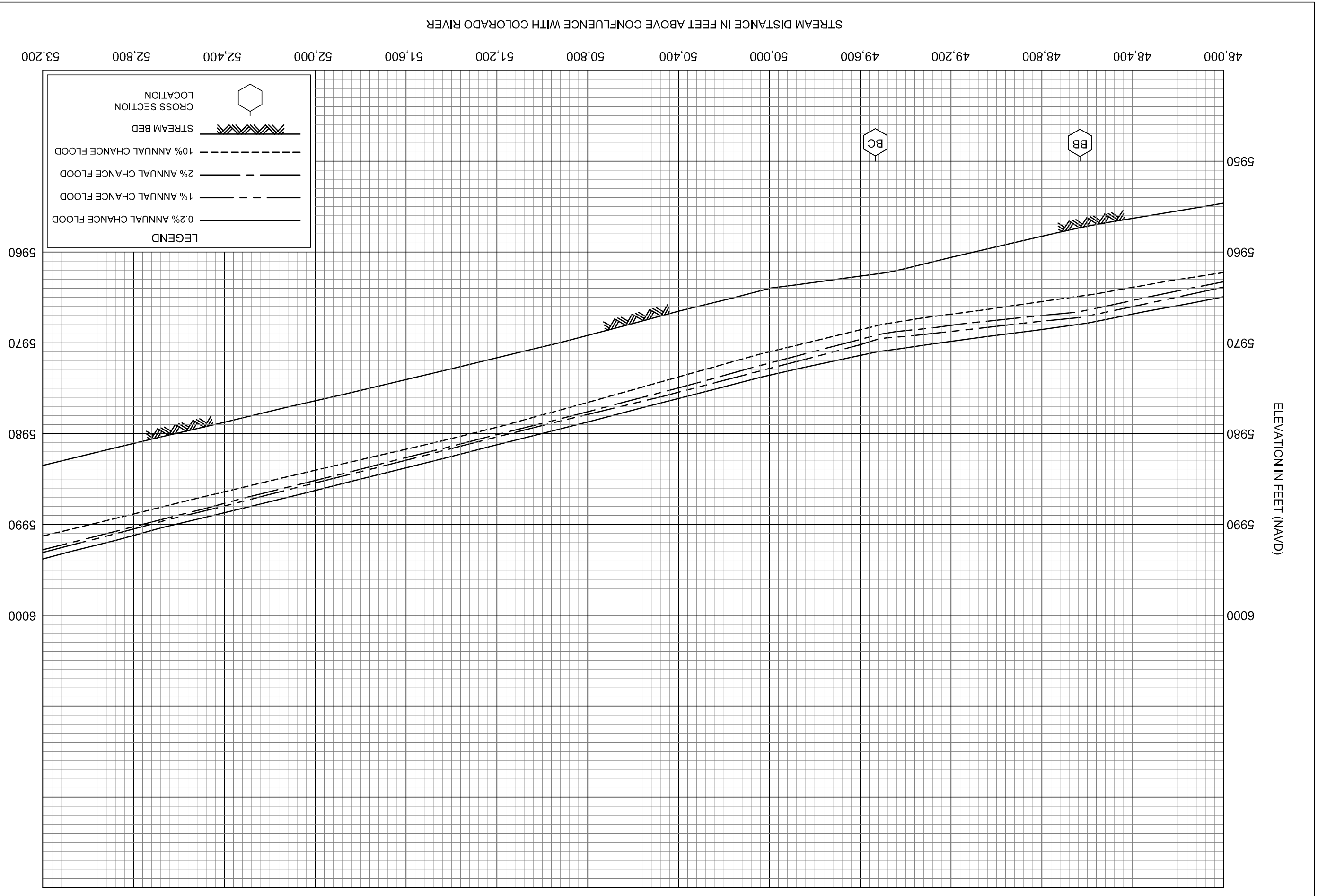
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

ROARING FORK RIVER

FLOOD PROFILES

127P



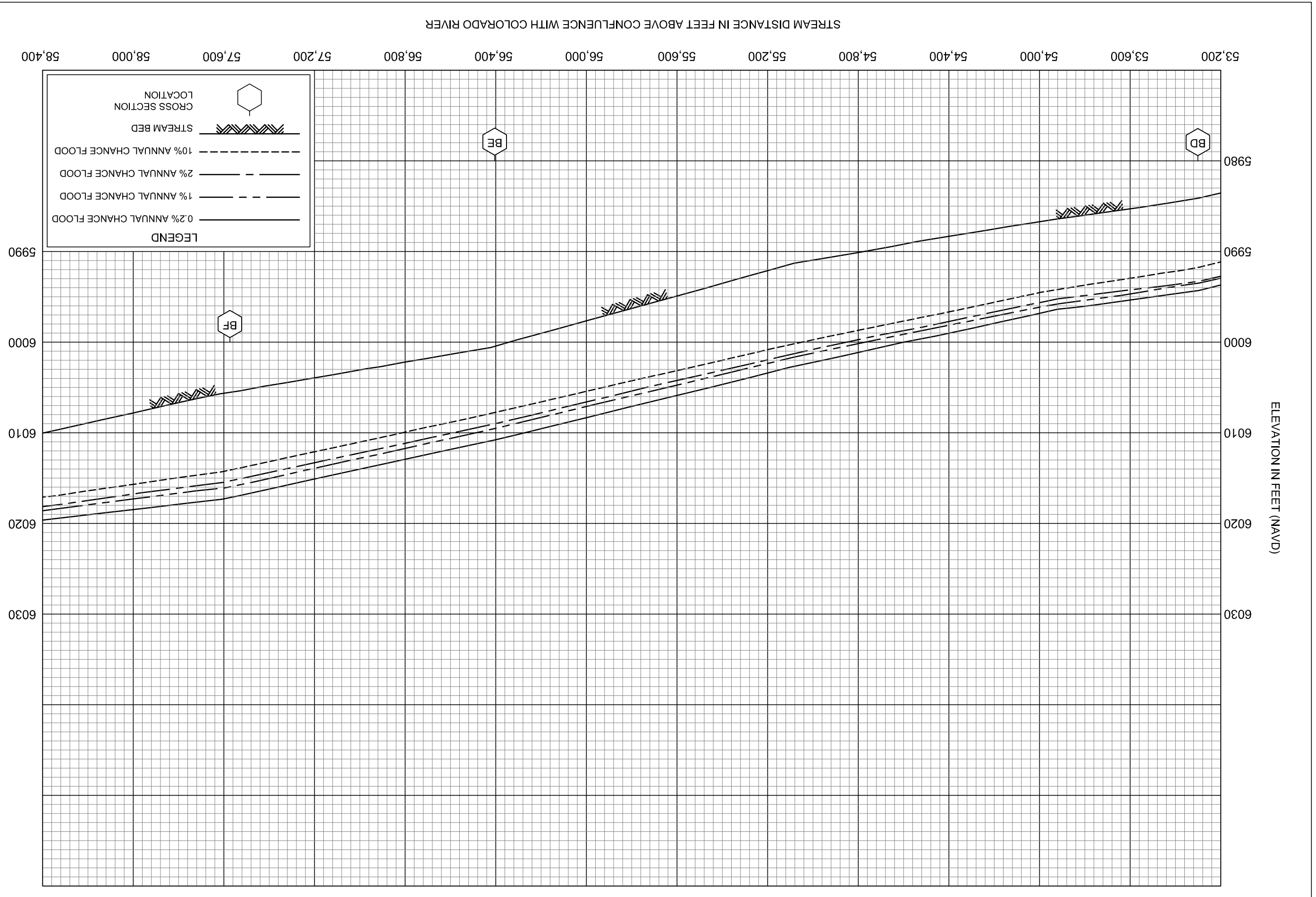
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



128P

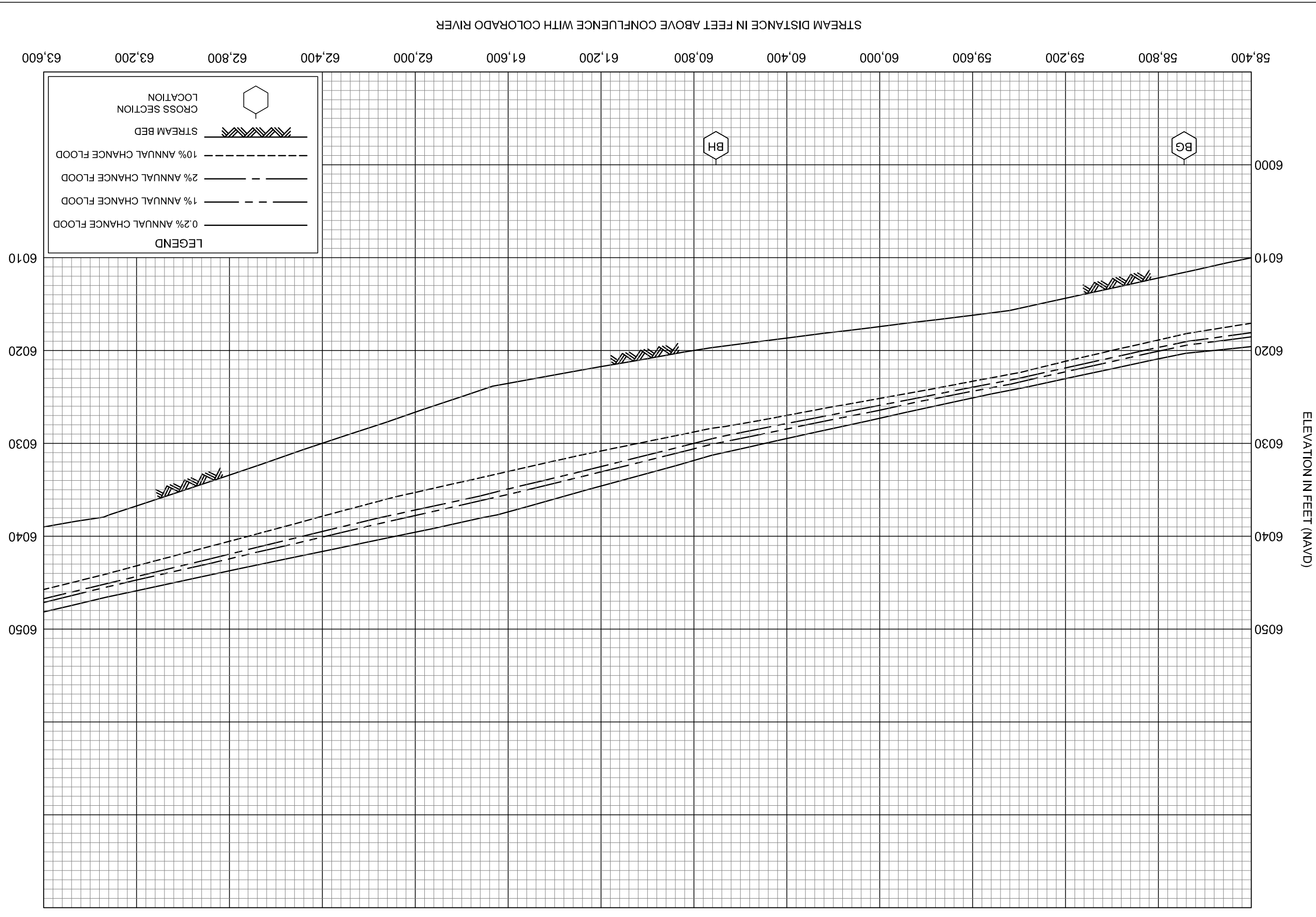
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



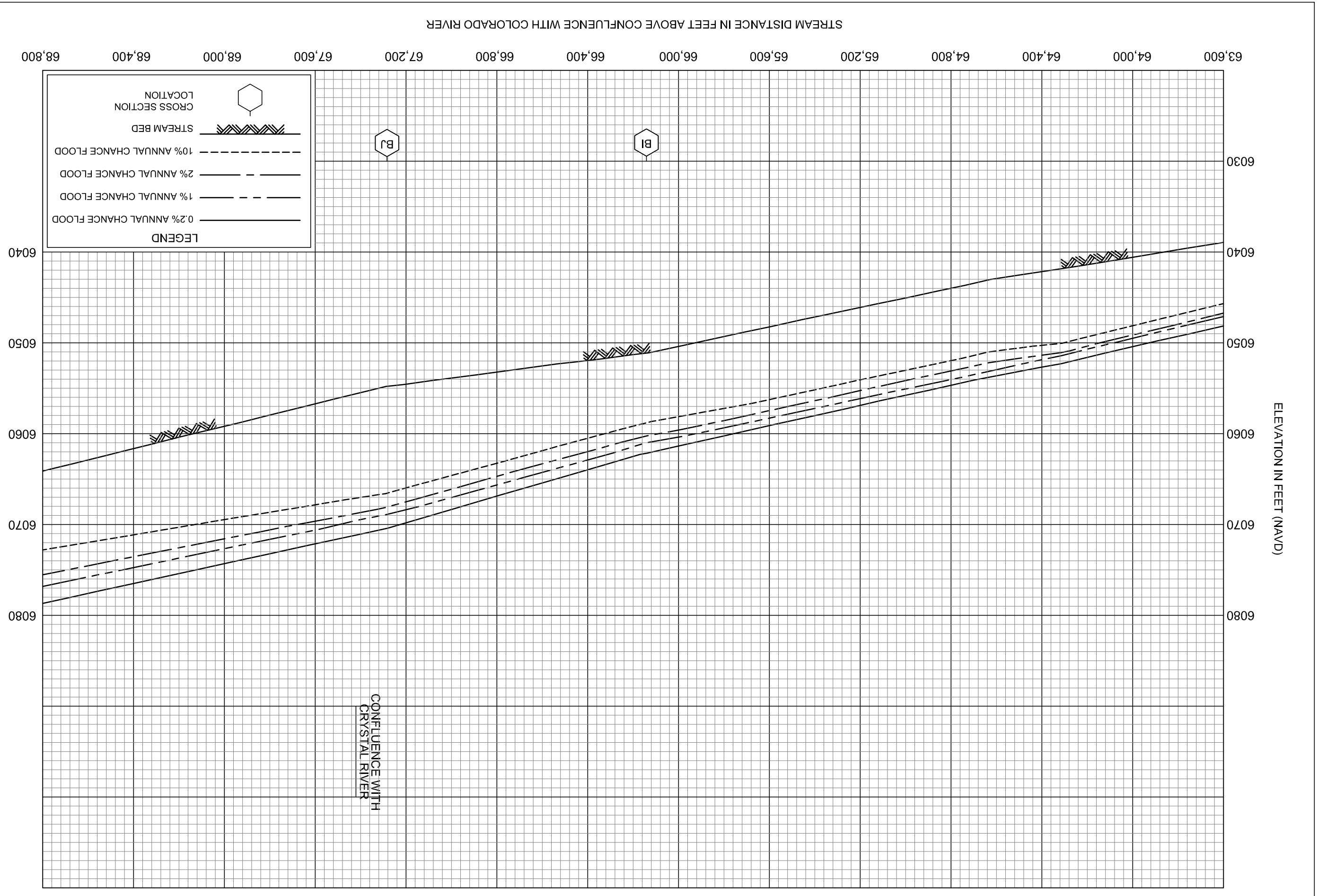
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER

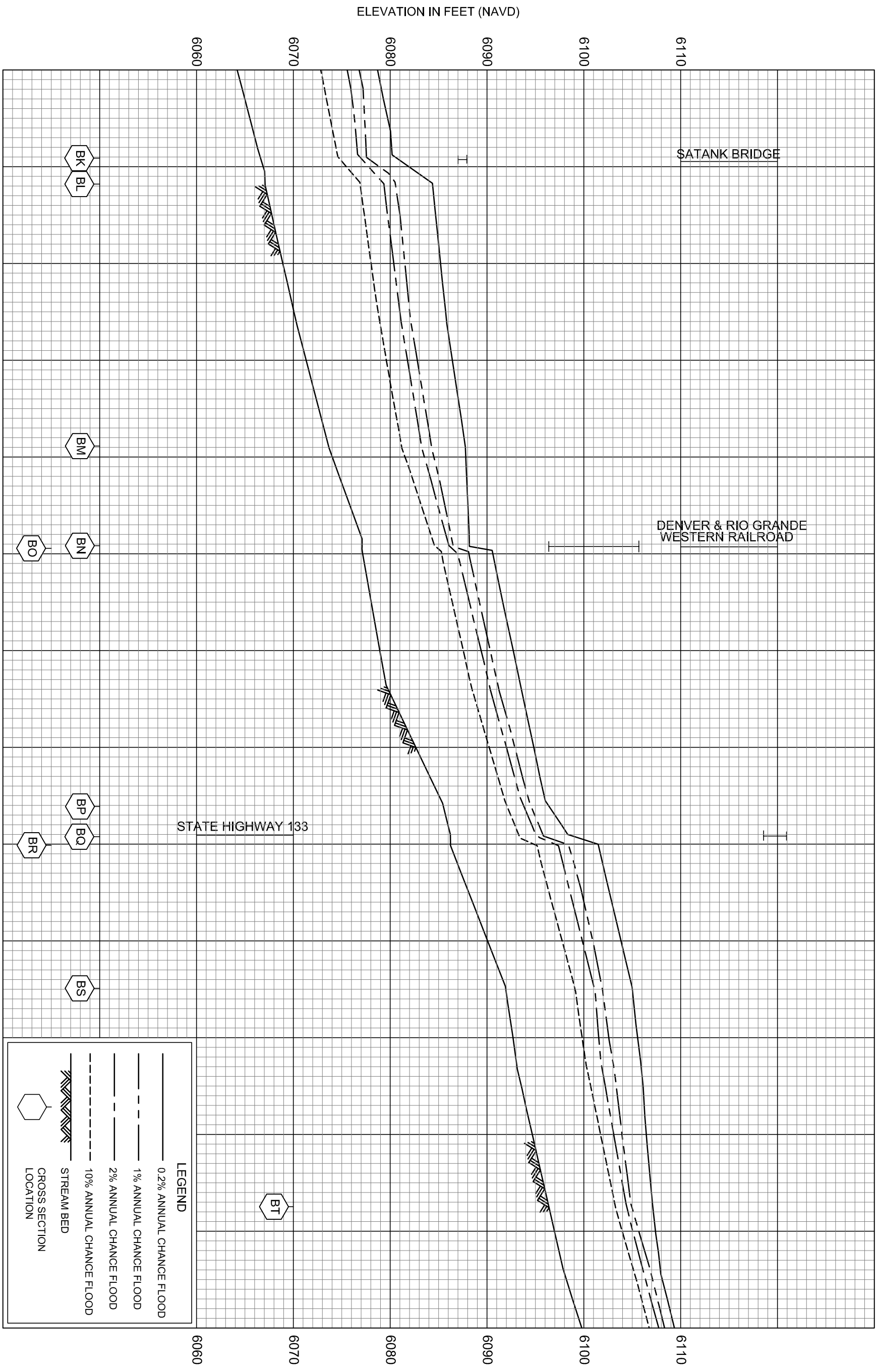


ELEVATION IN FEET (NAVD)

6060 6070 6080 6090 6100 6110

68,800 69,200 69,600 70,000 70,400 70,800 71,200 71,600 72,000 72,400 72,800 73,200 73,600 74,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH COLORADO RIVER



6060 6070 6080 6090 6100 6110

131P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

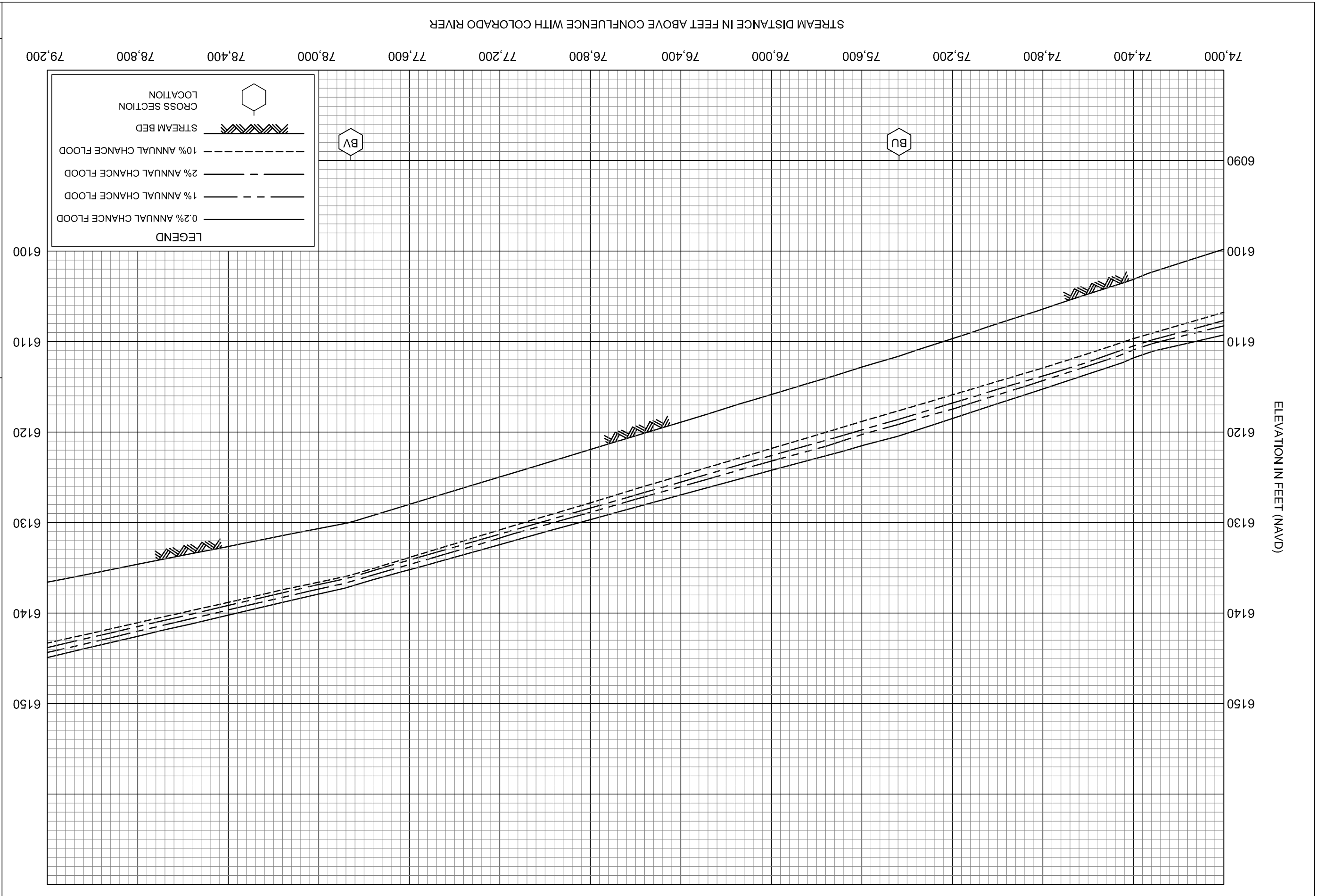
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER

132P



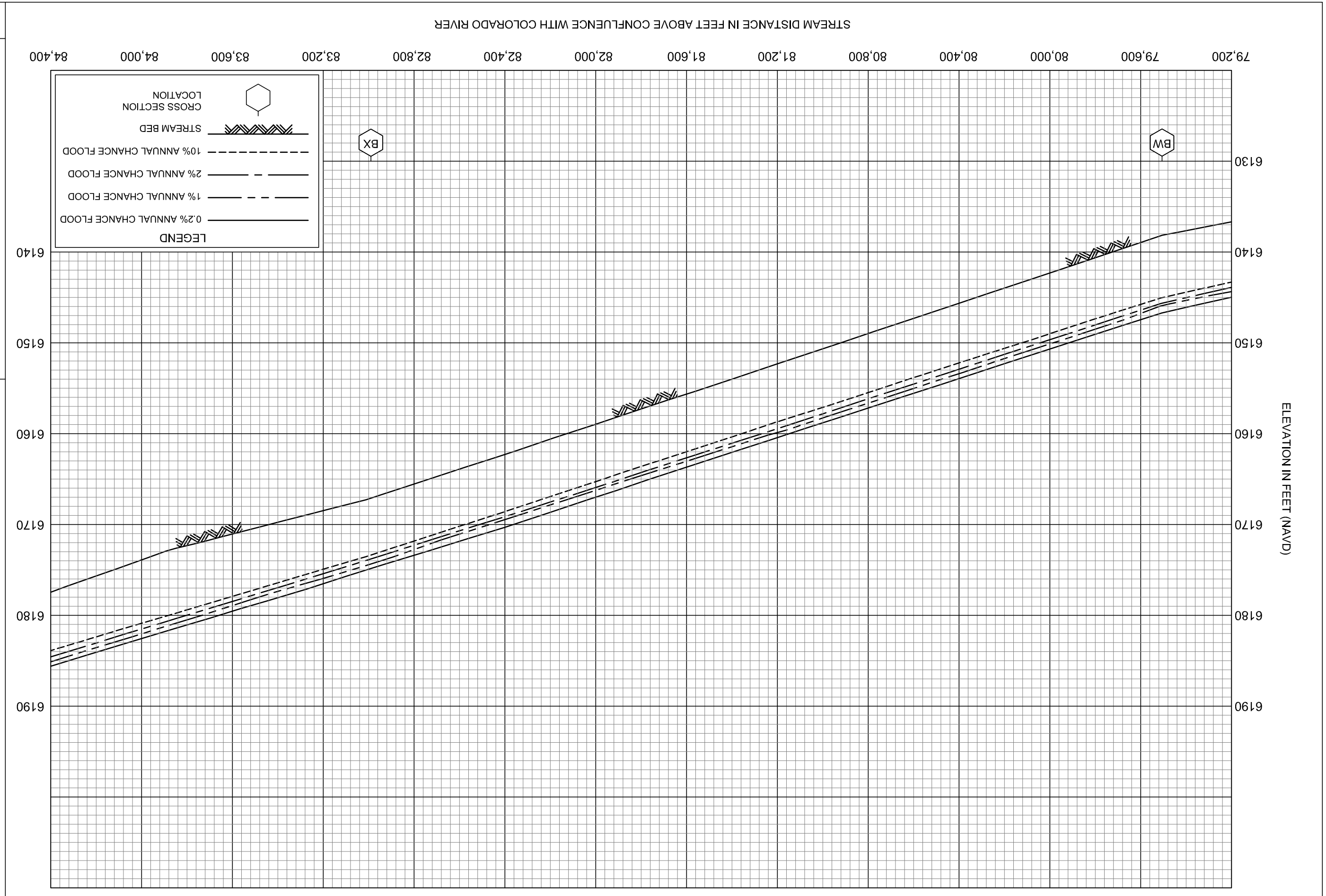
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



133P

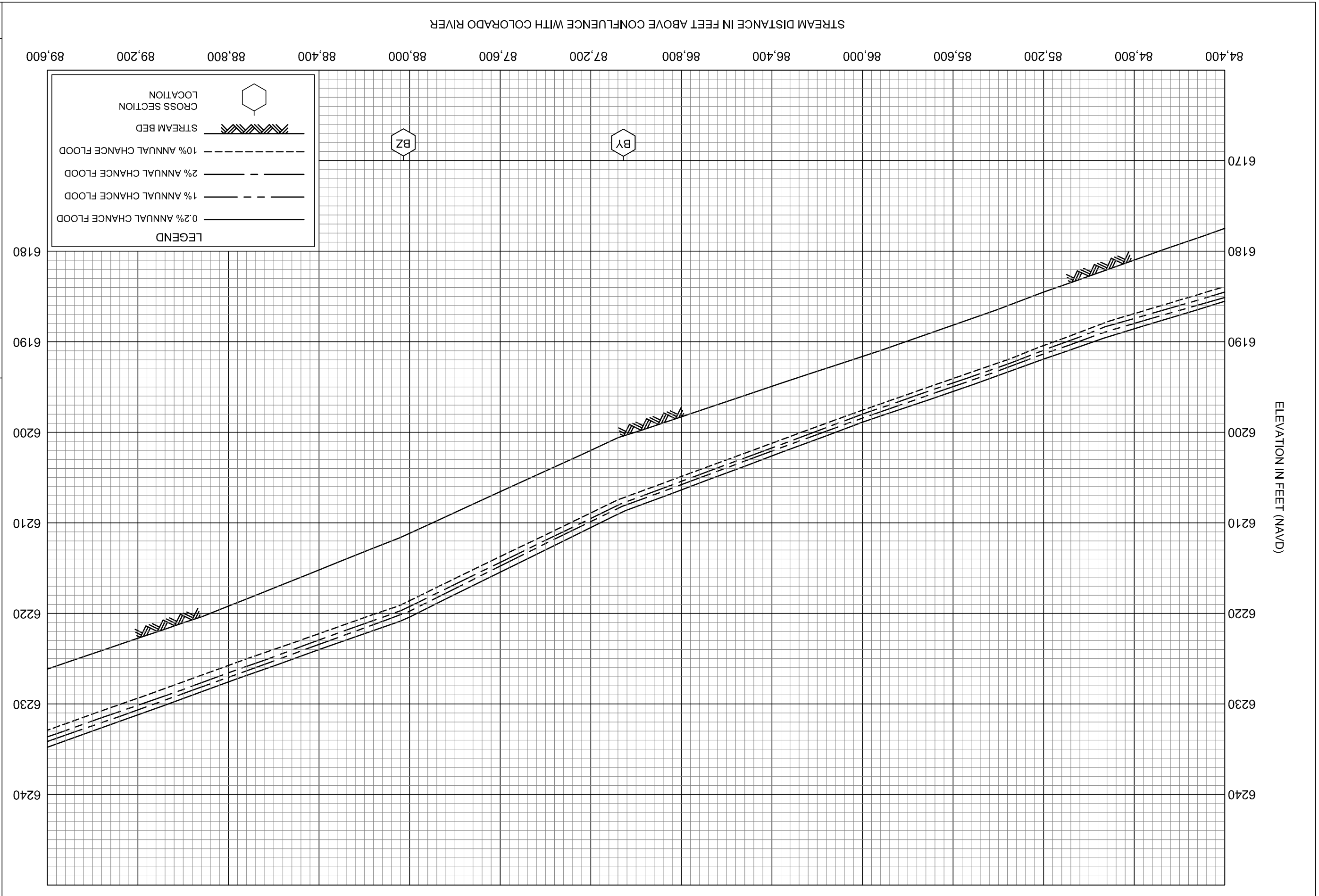
FEDERAL EMERGENCY MANAGEMENT AGENCY

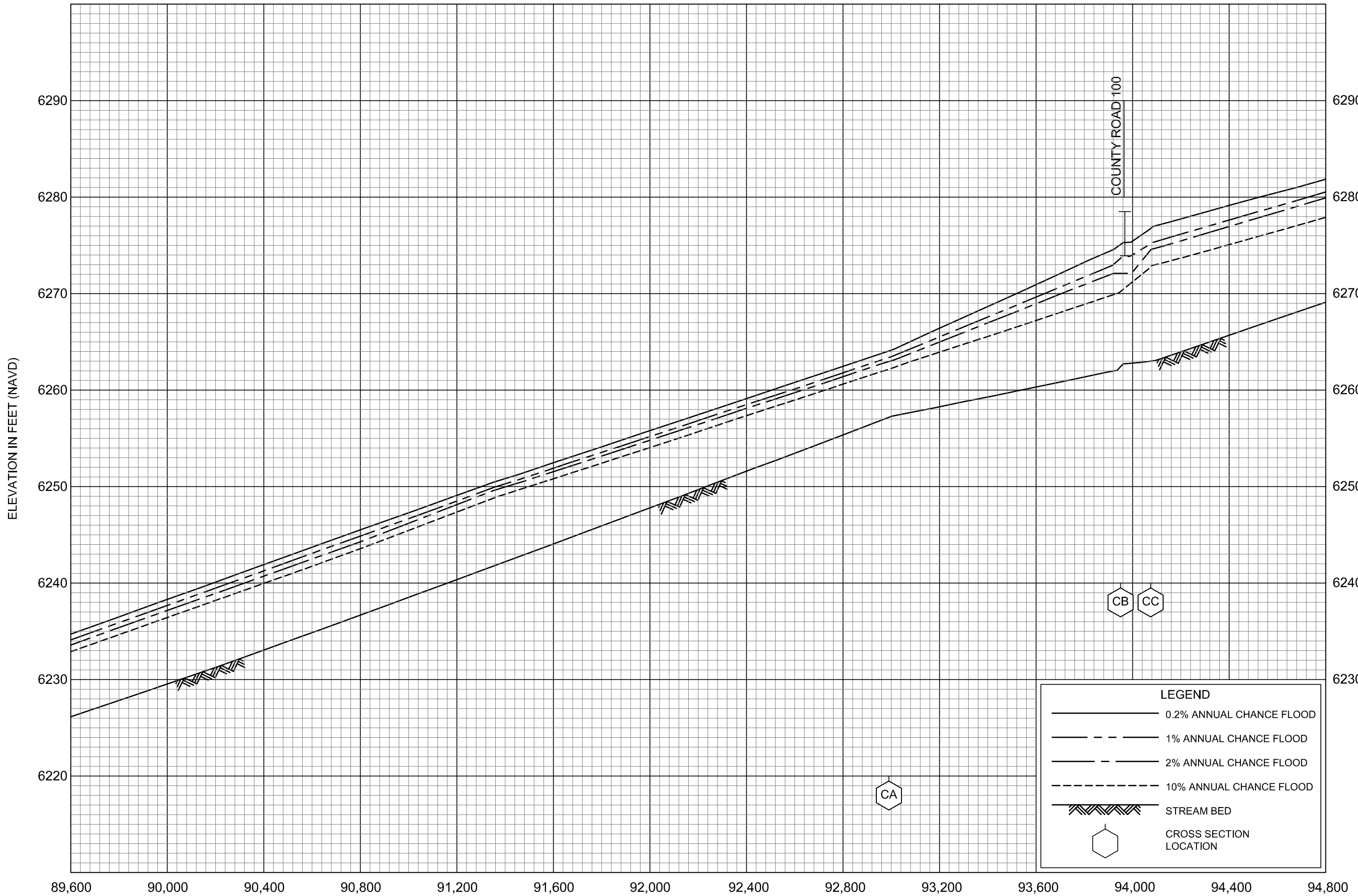
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER





FLOOD PROFILES

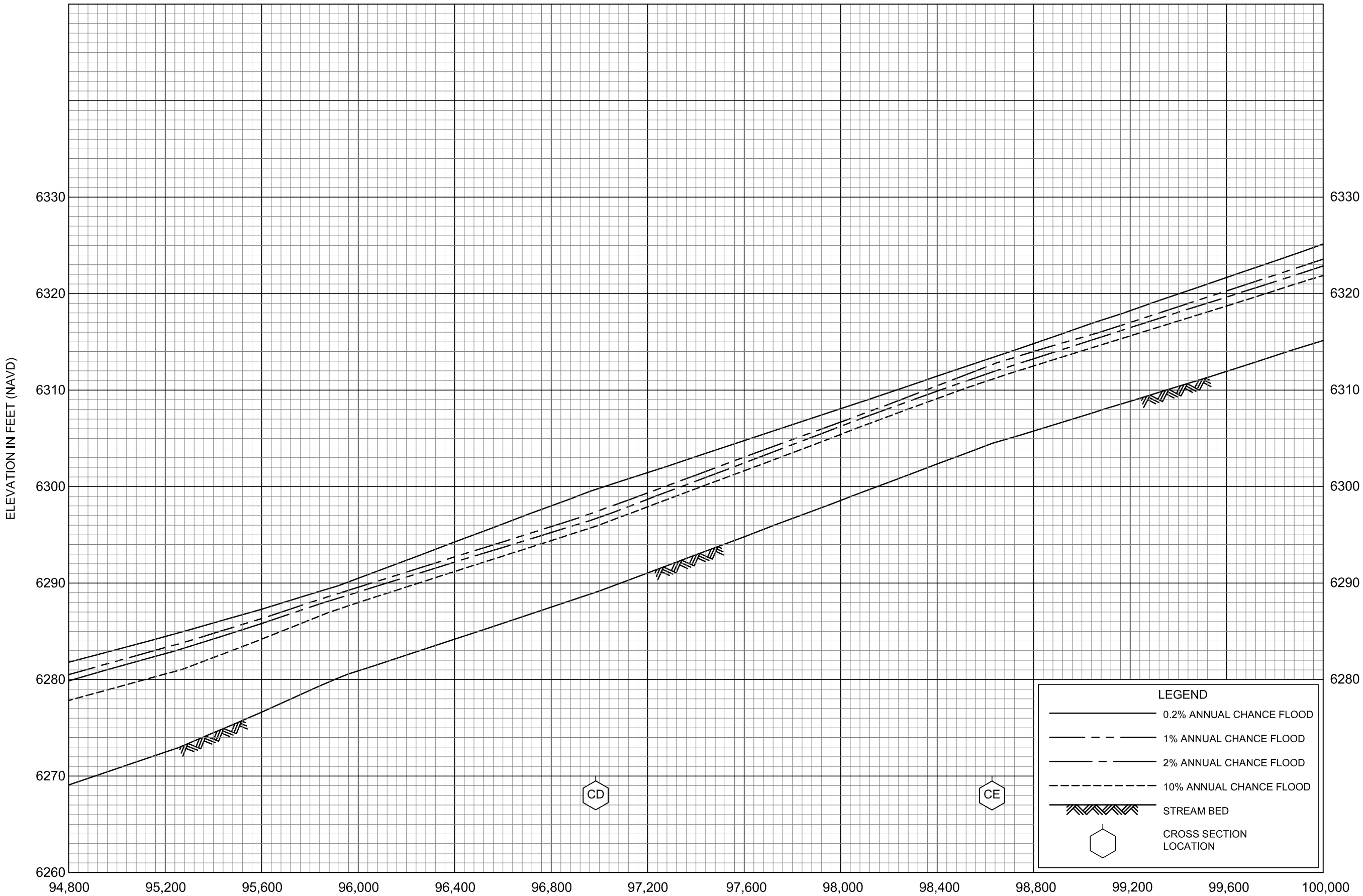
ROARING FORK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

135P



FLOOD PROFILES

ROARING FORK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

136P

FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER

137P

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH COLORADO RIVER

100,000 100,400 100,800 101,200 101,600 102,000 102,400 102,800 103,200 103,600 104,000 104,400 104,800 105,200

ELEVATION IN FEET (NAVD)

6310 6320 6330 6340 6350 6360 6370

CF CG CH

LEGEND

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

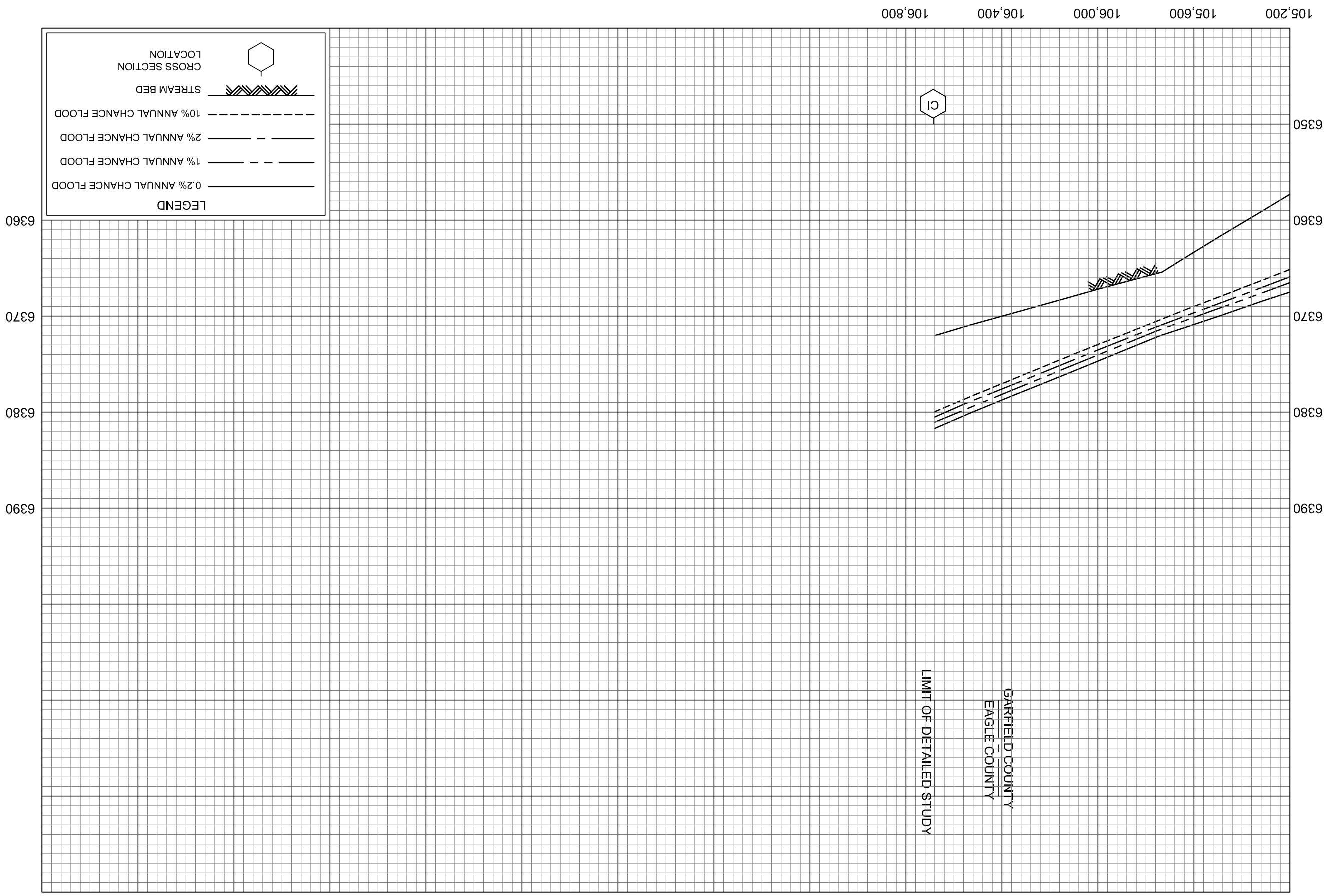
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

ROARING FORK RIVER



FEDERAL EMERGENCY MANAGEMENT AGENCY

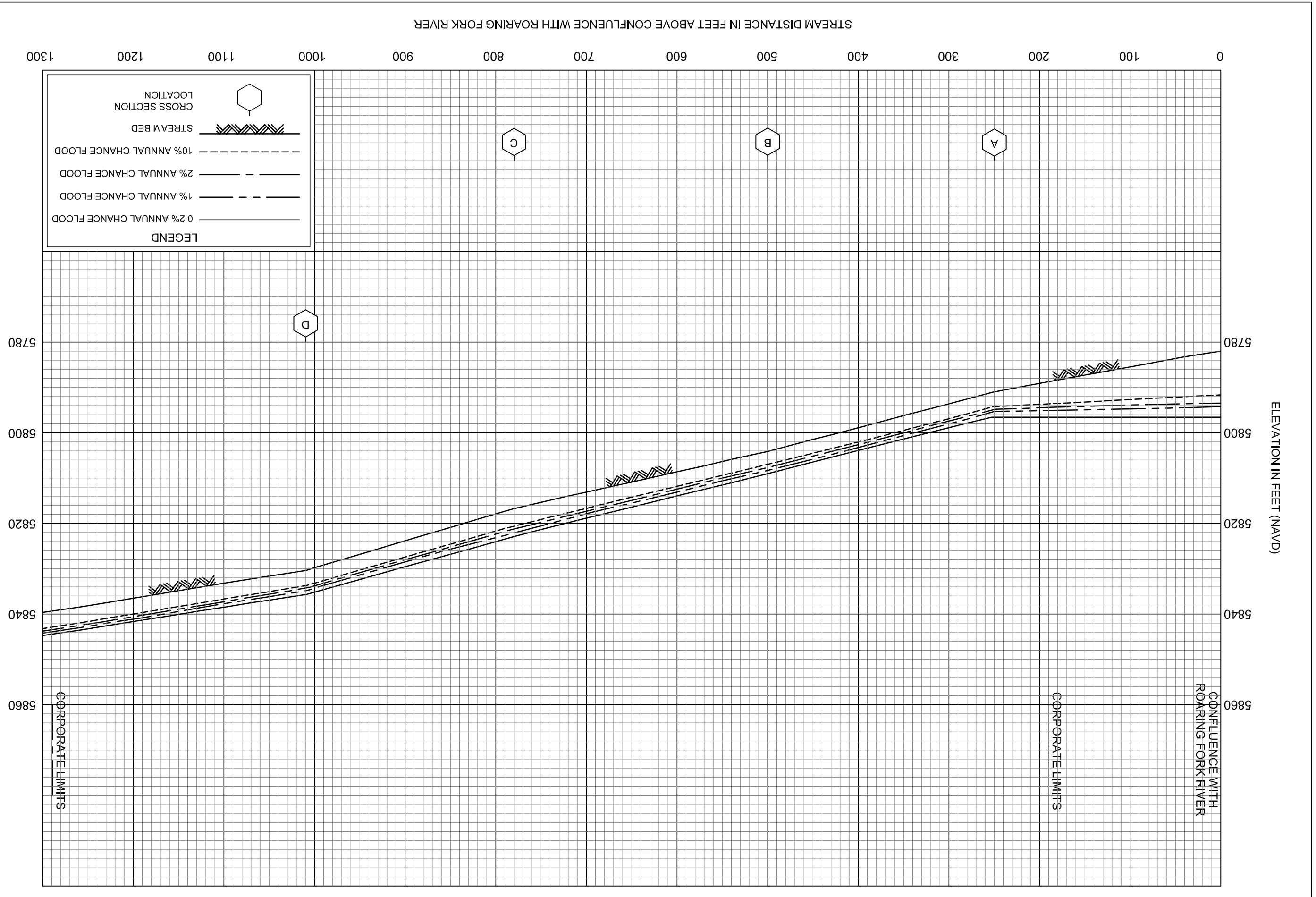
GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

THREEMILE CREEK

139P



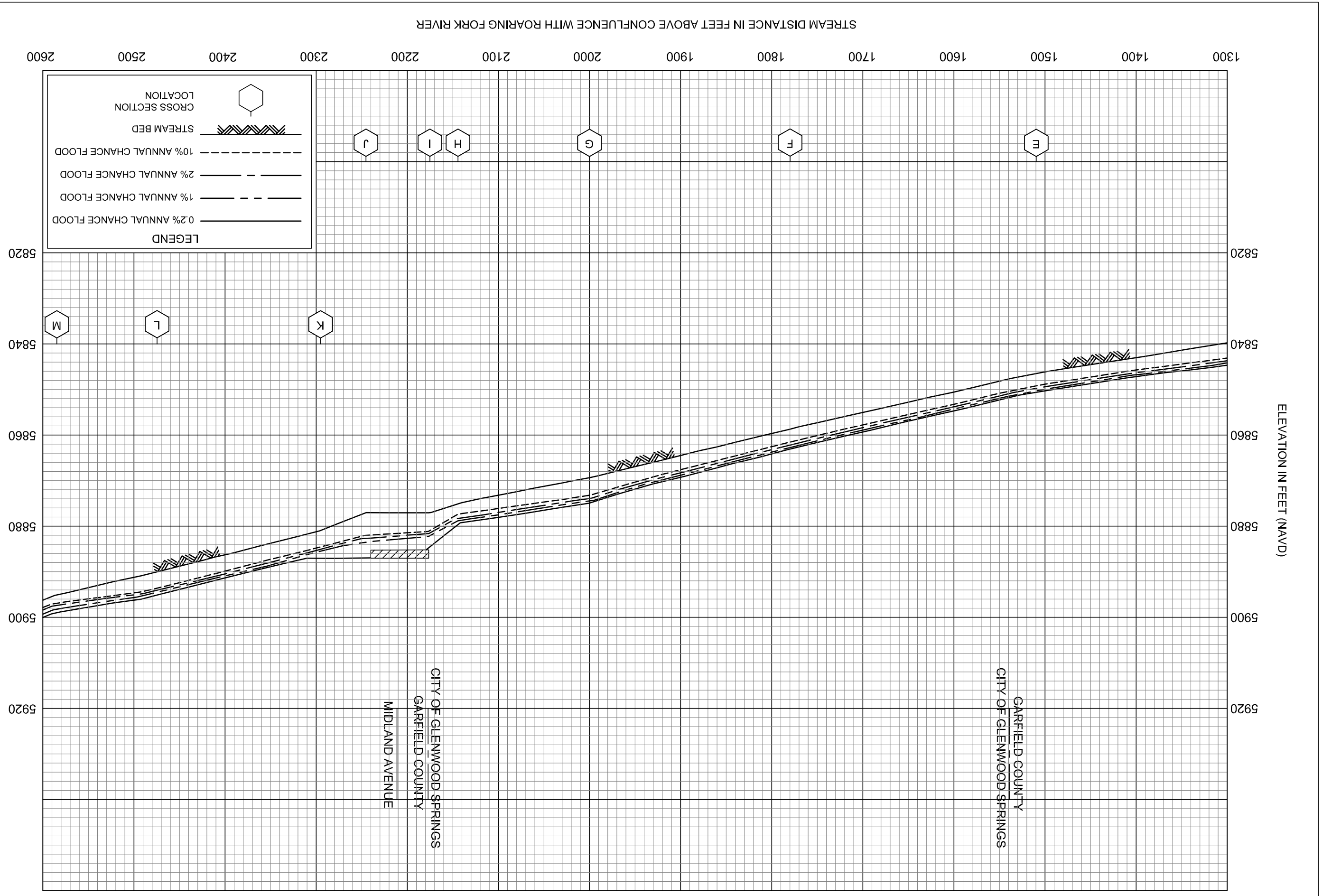
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

THREEMILE CREEK



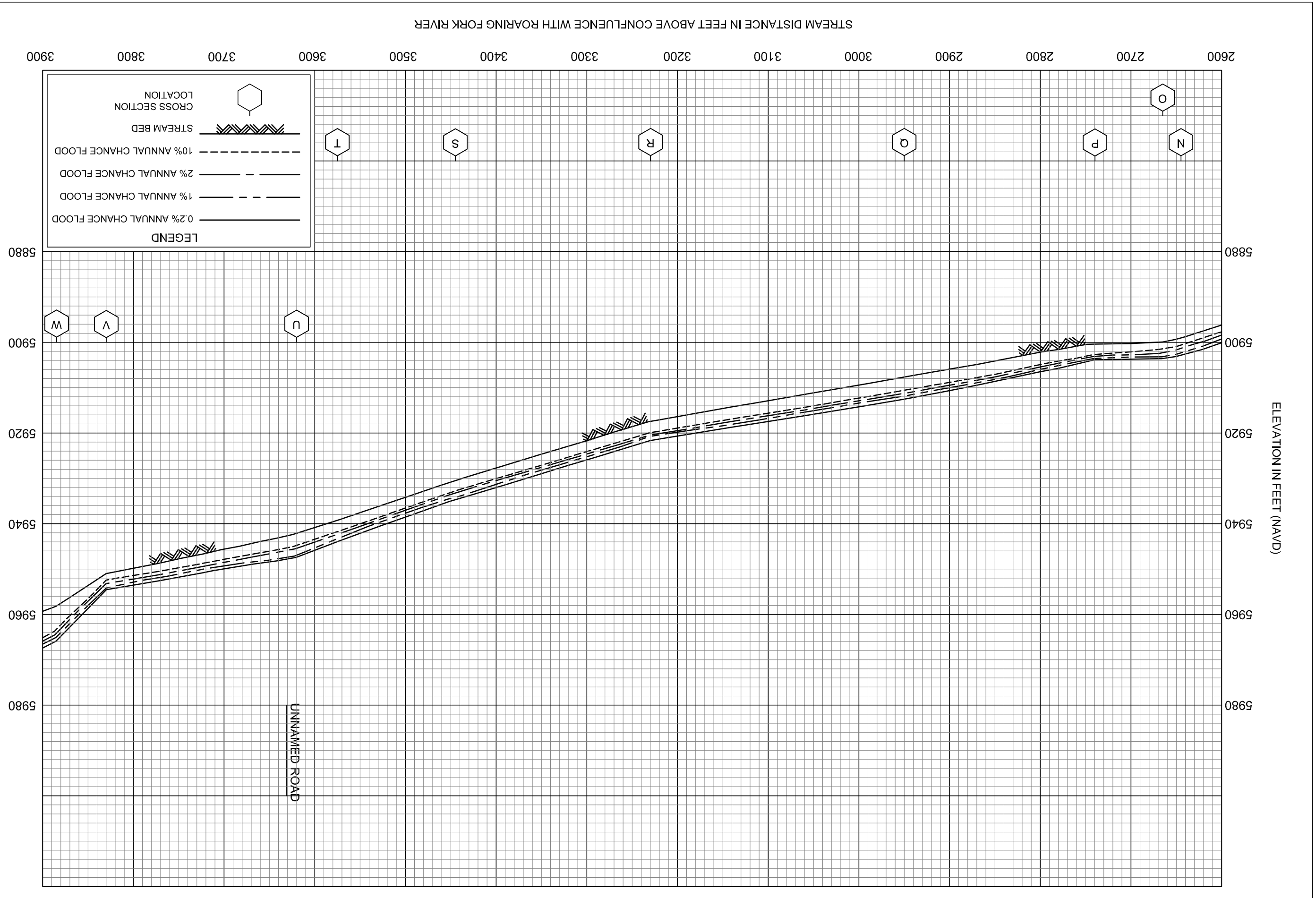
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

THREEMILE CREEK



142P

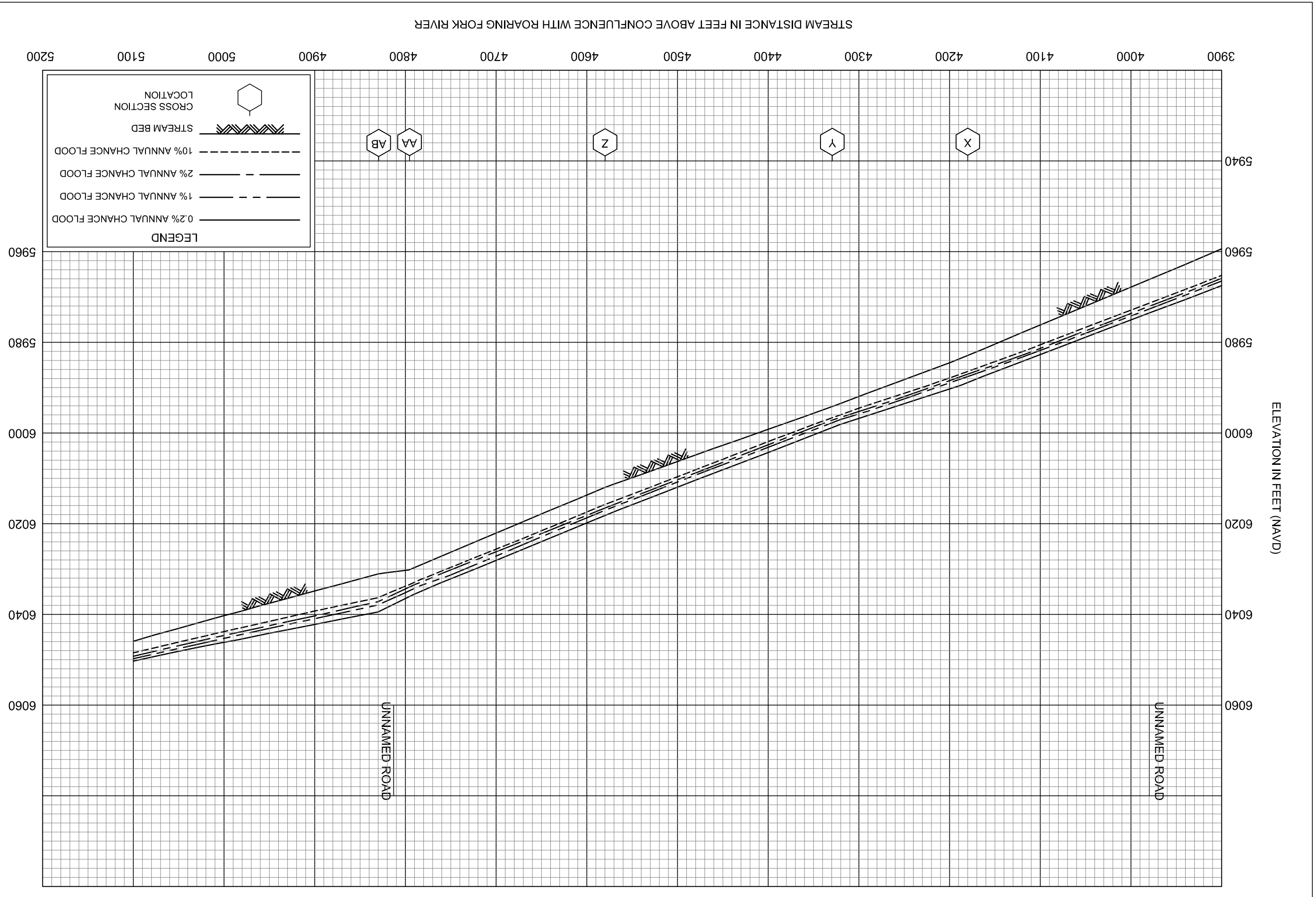
FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

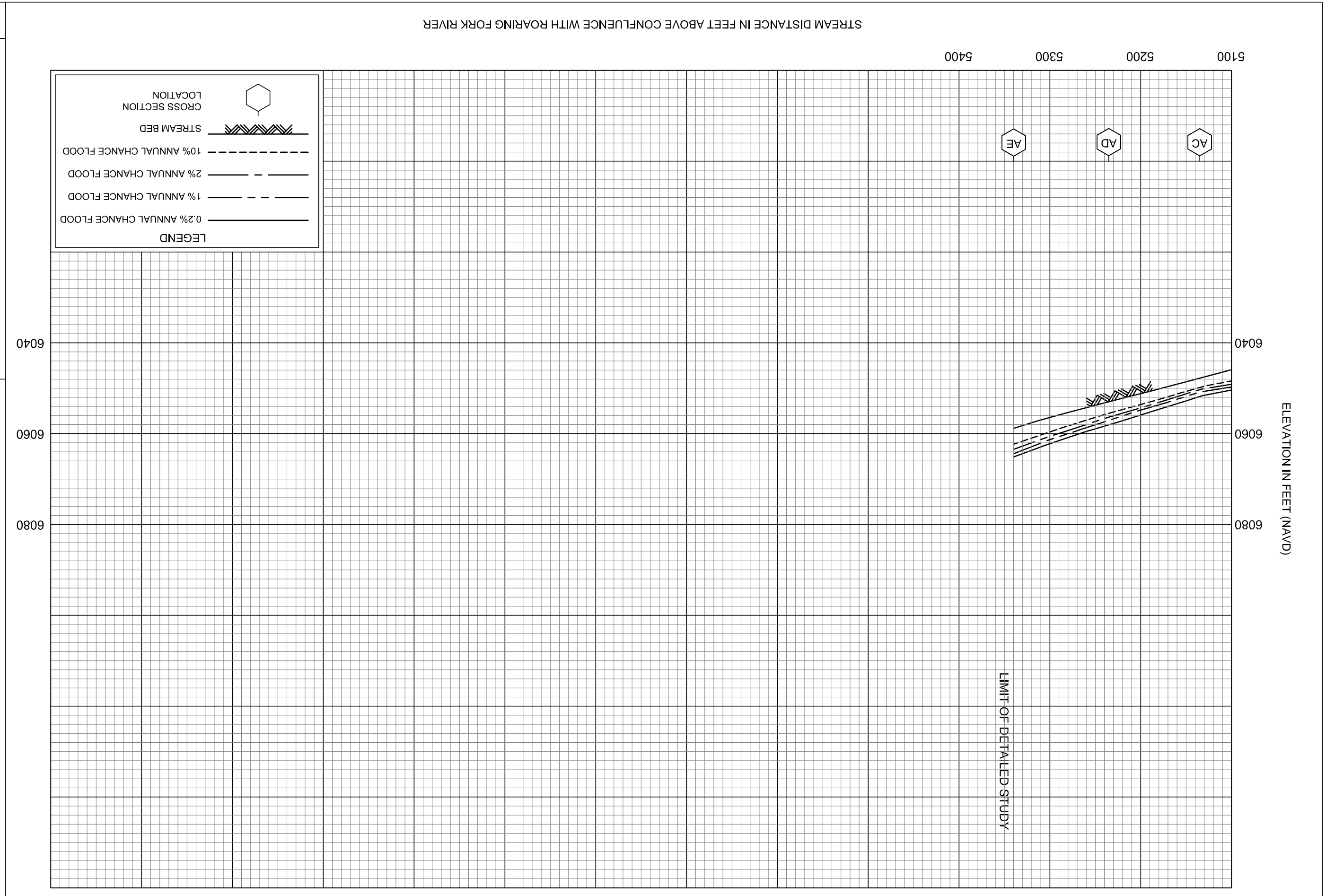
THREEMILE CREEK



FEDERAL EMERGENCY MANAGEMENT AGENCY

GARFIELD COUNTY, CO

AND INCORPORATED AREAS

FLOOD PROFILES

THREEMILE CREEK