FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 3

ESSEX COUNTY, NEW JERSEY

(ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER
BELLEVILLE, TOWNSHIP OF	340177
BLOOMFIELD, TOWNSHIP OF	340178
CALDWELL, BOROUGH OF	340584
CEDAR GROVE, TOWNSHIP OF	340180
EAST ORANGE, CITY OF	340181
ESSEX FELLS, BOROUGH OF	340575
FAIRFIELD, TOWNSHIP OF	345295
GLEN RIDGE, BOROUGH OF	340183
IRVINGTON, TOWNSHIP OF	340184
LIVINGSTON, TOWNSHIP OF	340185
MAPLEWOOD, TOWNSHIP OF	340186
MILLBURN, TOWNSHIP OF	340187
MONTCLAIR, TOWNSHIP OF	340188
NEWARK, CITY OF	340189
NORTH CALDWELL, BOROUGH OF	340190
NUTLEY, TOWNSHIP OF	340191
ORANGE TOWNSHIP, CITY OF	340192
ROSELAND, BOROUGH OF	340193
SOUTH ORANGE VILLAGE, TOWNSHIP OF	340194
VERONA, TOWNSHIP OF	340195
WEST CALDWELL, TOWNSHIP OF	340196
WEST ORANGE, TOWNSHIP OF	340197

REVISED: April 3, 2020

FLOOD INSURANCE STUDY NUMBER

34013CV001B

Version Number 2.1.1.1

FEMA

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) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision (LOMR) process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

Initial County FIS Effective Date:	June 4, 2007
Revised Countywide FIS Date:	April 3, 2020 – To add Base Flood Elevations and Special Flood Hazard Areas; to change Base Flood Elevations, Special Flood Hazard Areas, and zone designations; to updated roads and road names; and to reflect updated topographic information.

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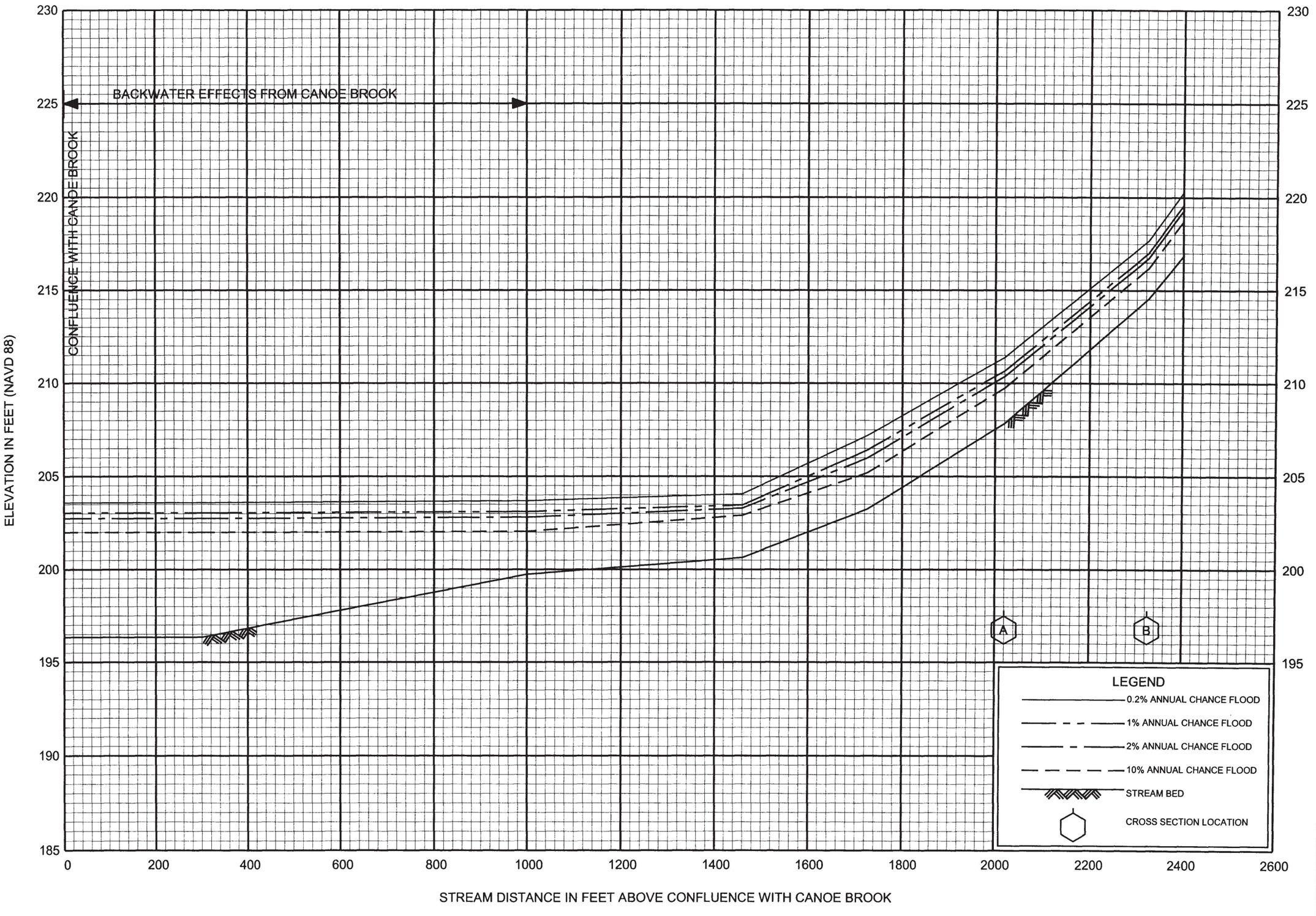
Exhibit 2 – Flood Insurance Rate Map Index
Flood Insurance Rate Map



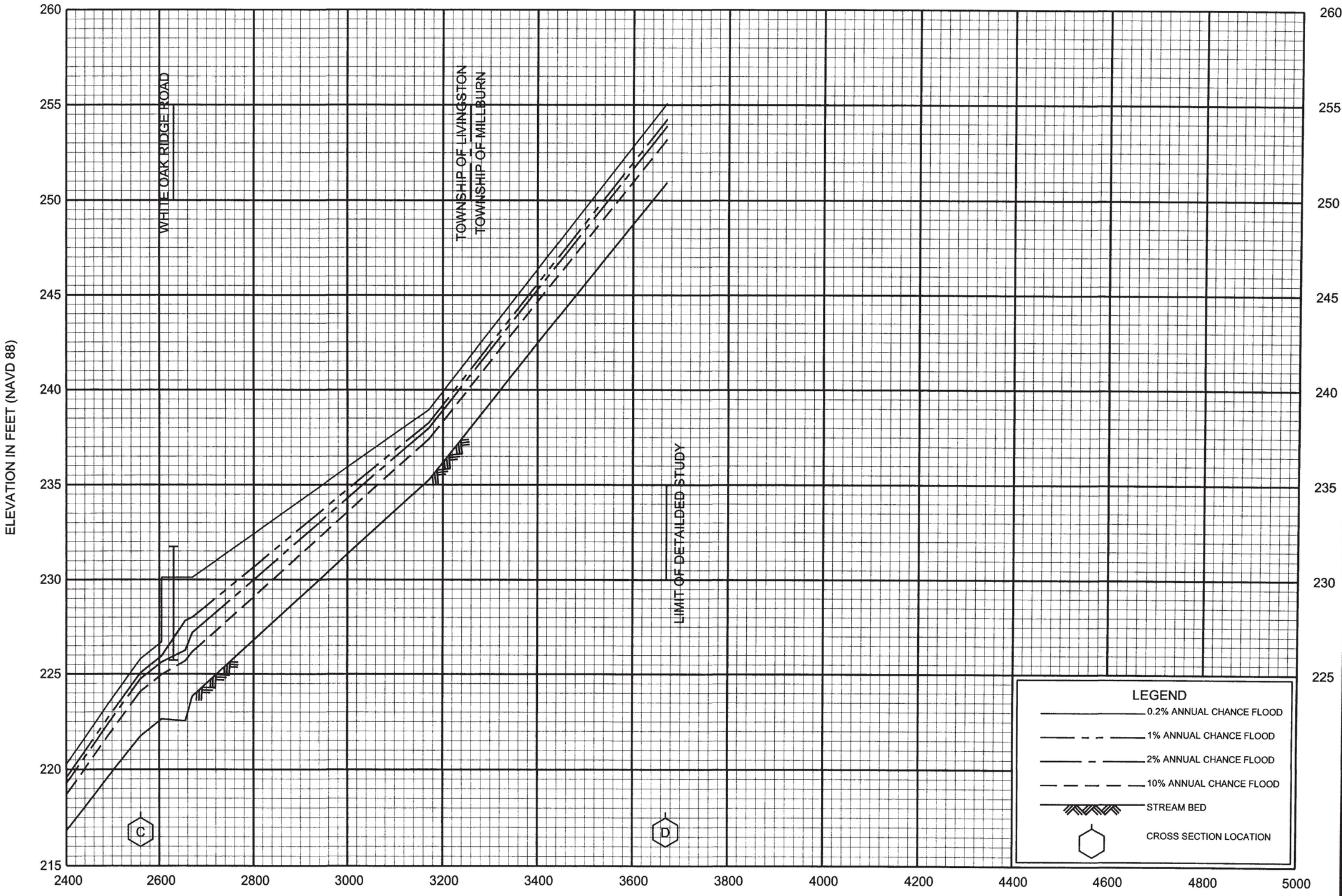
FLOOD PROFILES

CANOE BROOK TRIBUTARY NO. 1 (DOWNSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



FLOOD PROFILES

CANOE BROOK TRIBUTARY NO. 1 (DOWNSTREAM)

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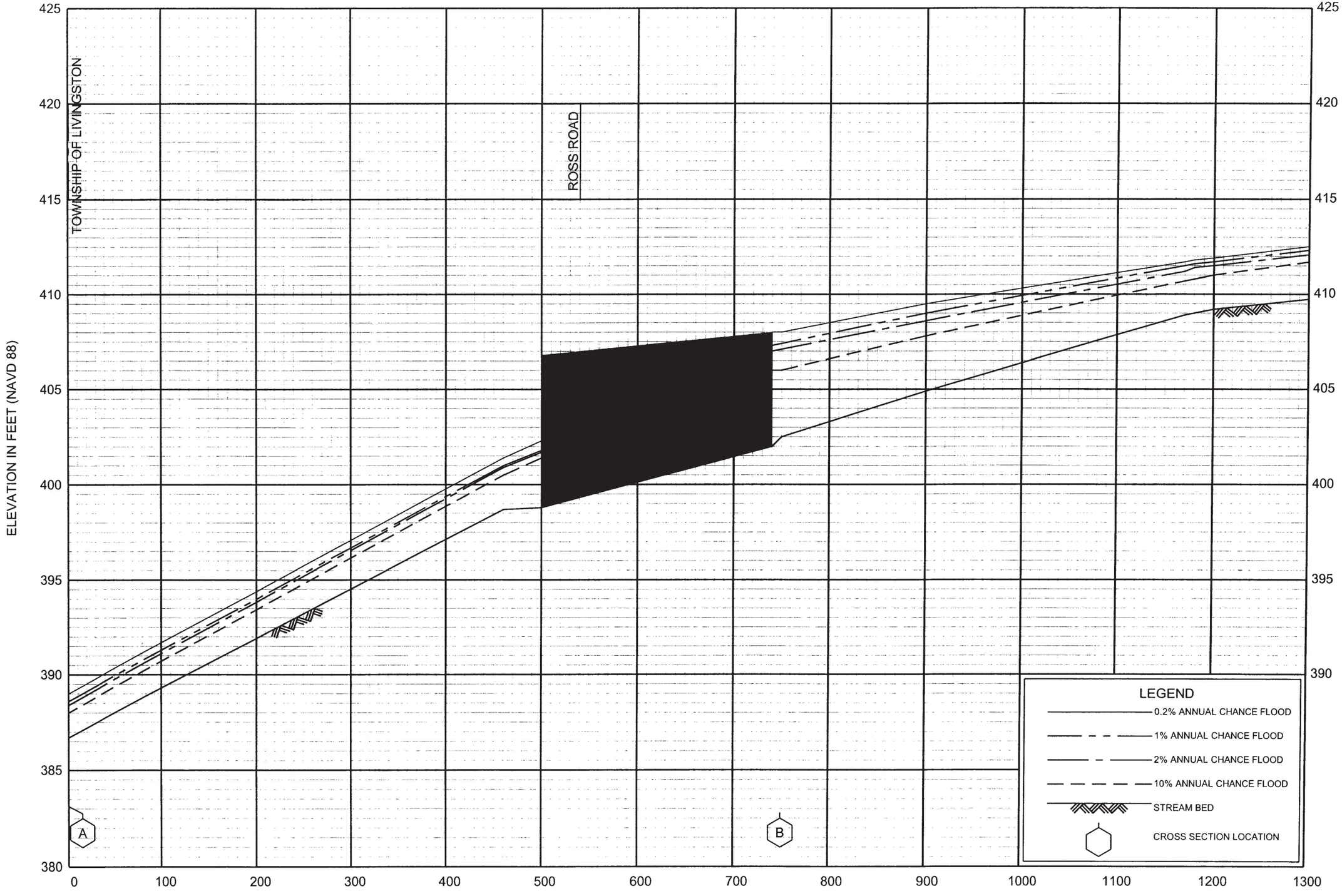
ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



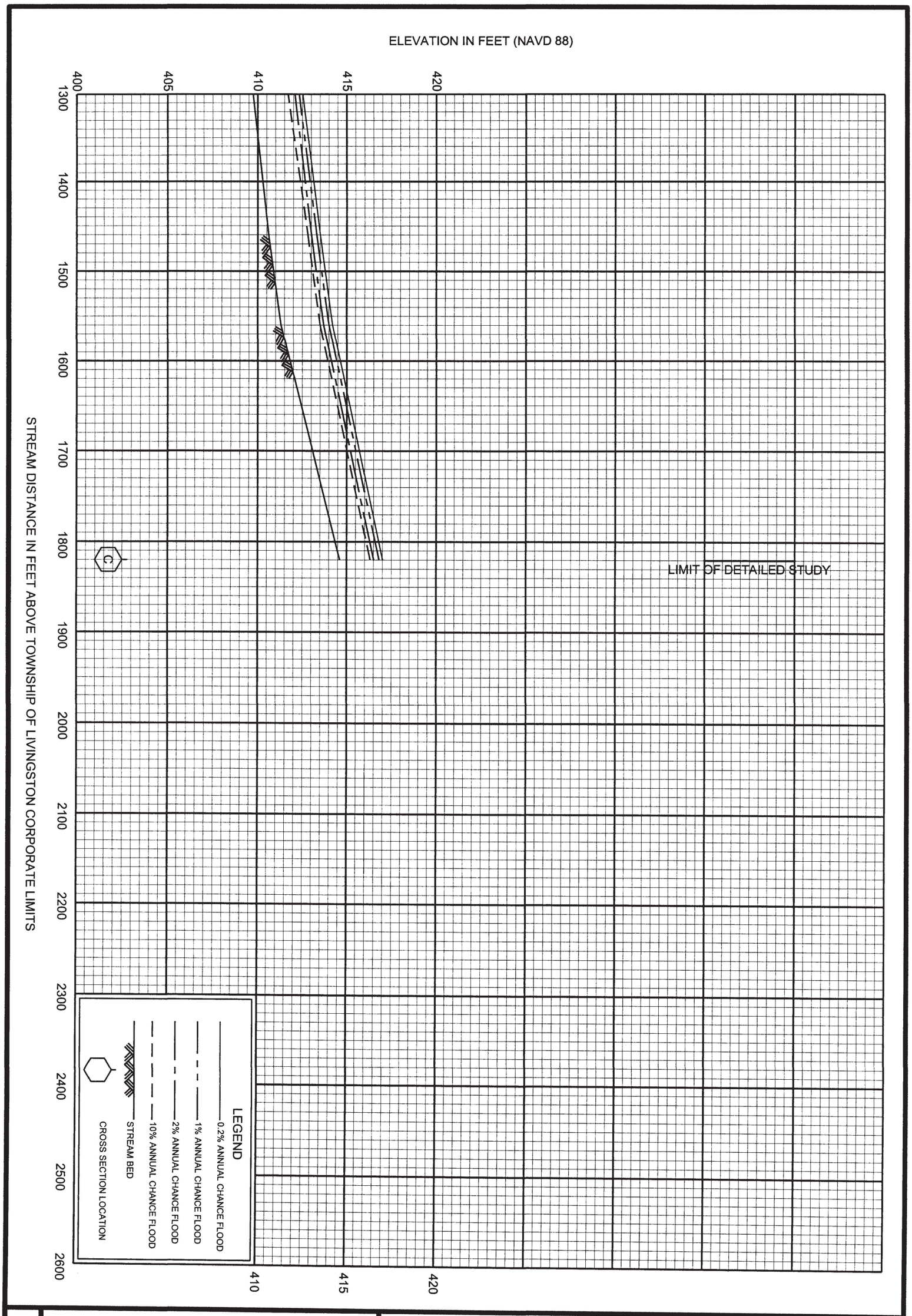
FLOOD PROFILES

CANOE BROOK TRIBUTARY NO.1 (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



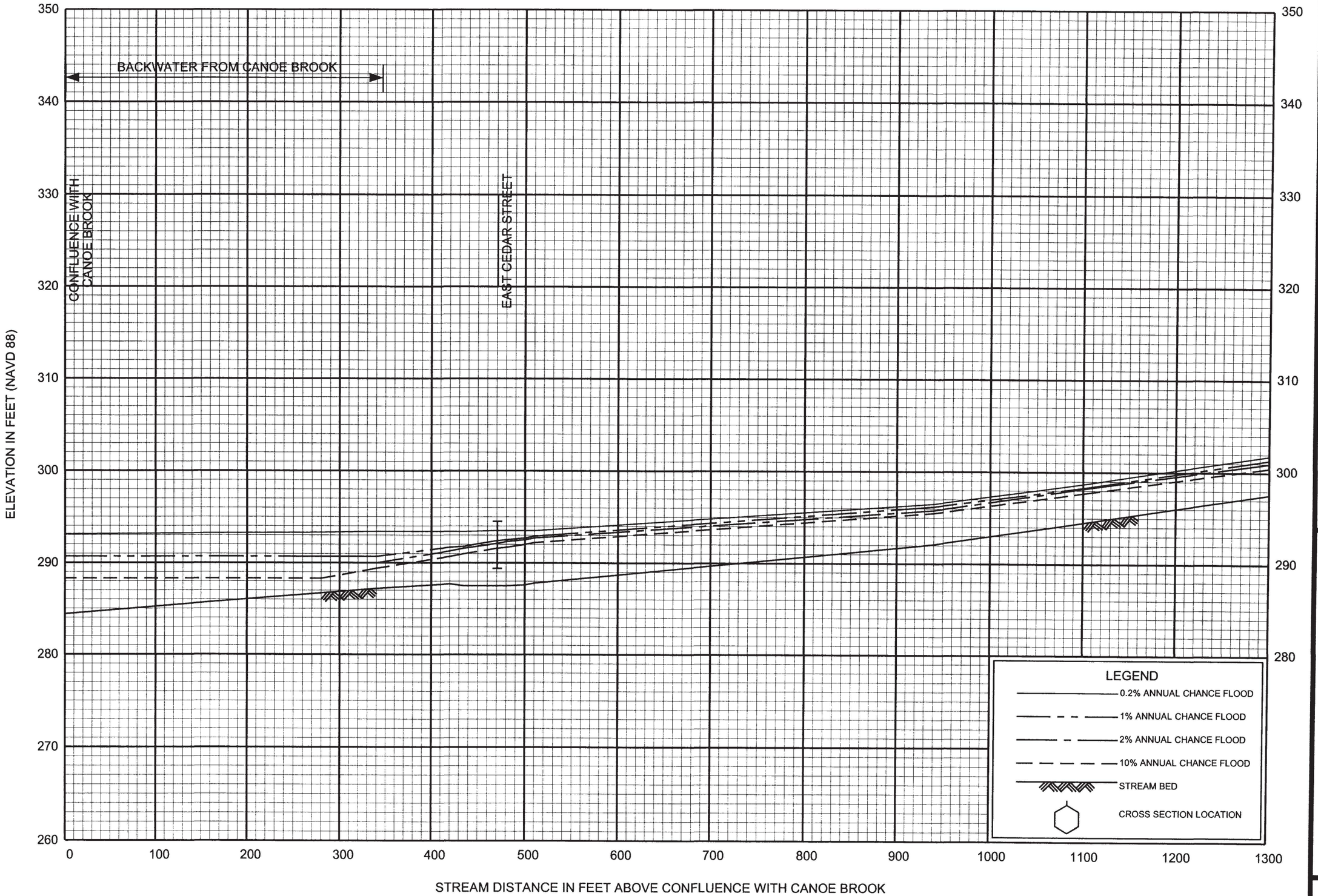
FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

FLOOD PROFILES

CANOE BROOK TRIBUTARY NO.1 (UPSTREAM)



FLOOD PROFILES

CANOE BROOK TRIBUTARY NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

24P

ELEVATION IN FEET (NAVD 88)

320
310
300
290
280
270

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

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CANOE BROOK

A

LEGEND

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

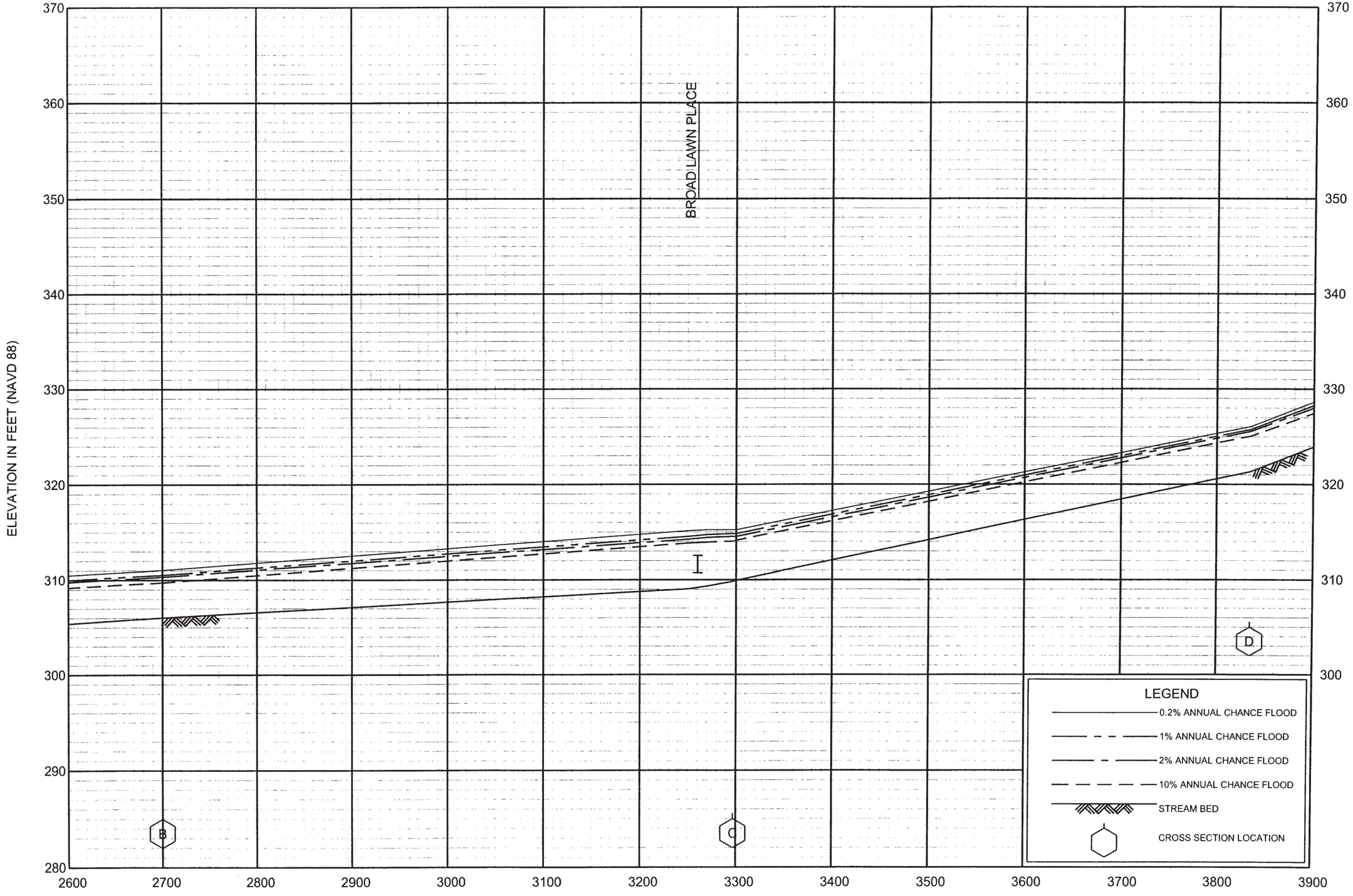
FLOOD PROFILES

CANOE BROOK TRIBUTARY NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



FLOOD PROFILES

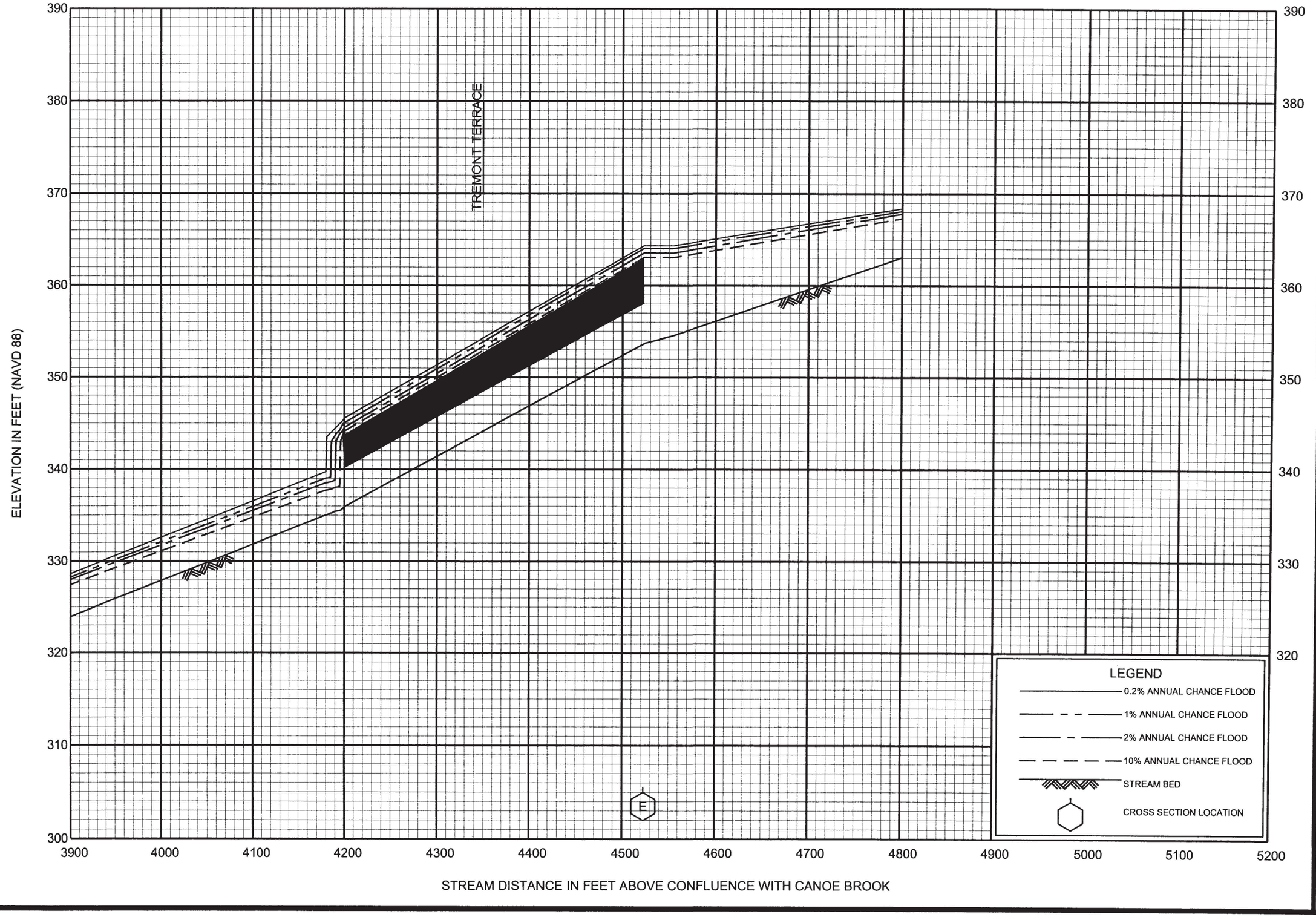
CANOE BROOK TRIBUTARY NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

26P



FLOOD PROFILES

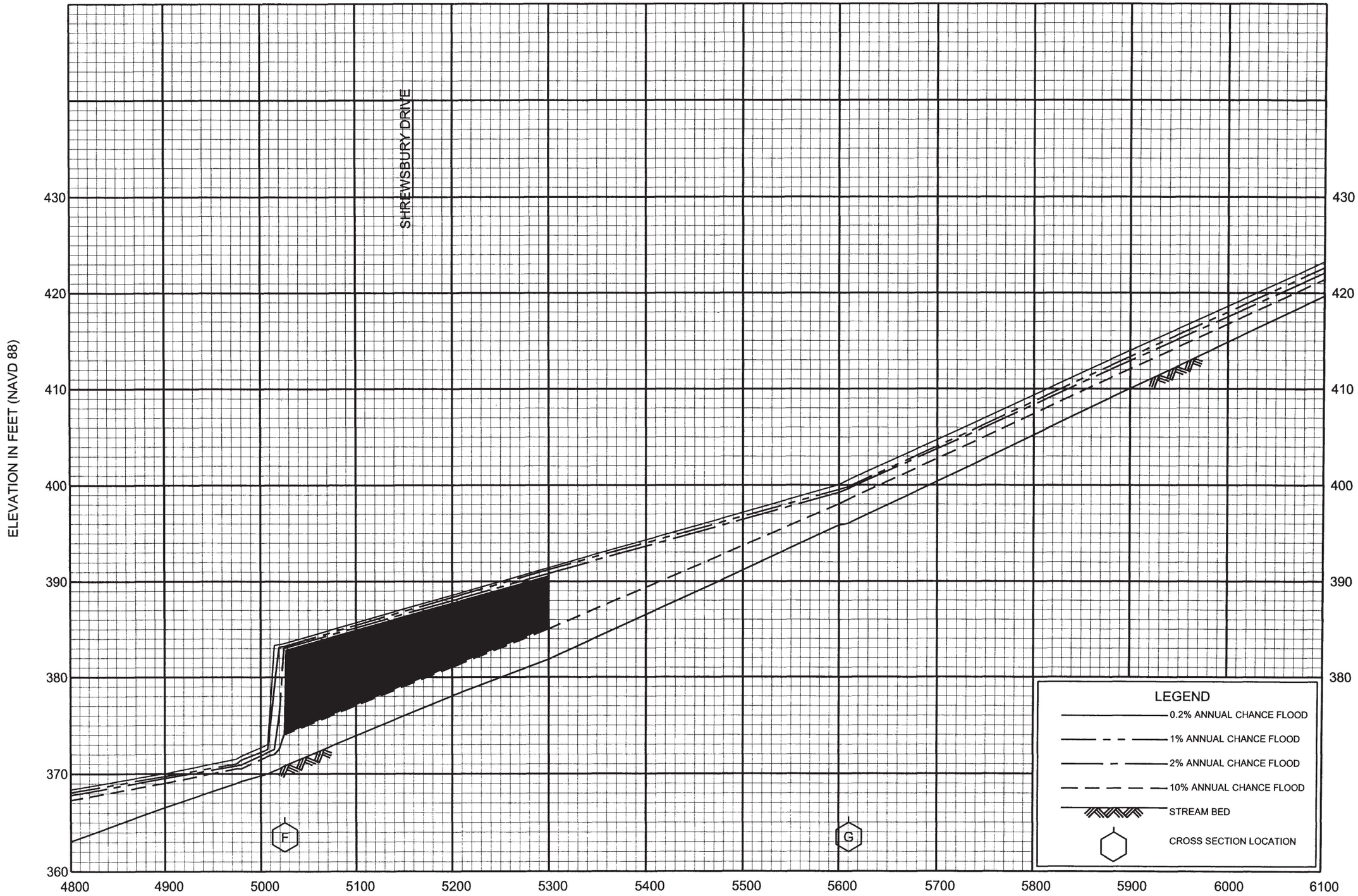
CANOE BROOK TRIBUTARY NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

27P



FLOOD PROFILES

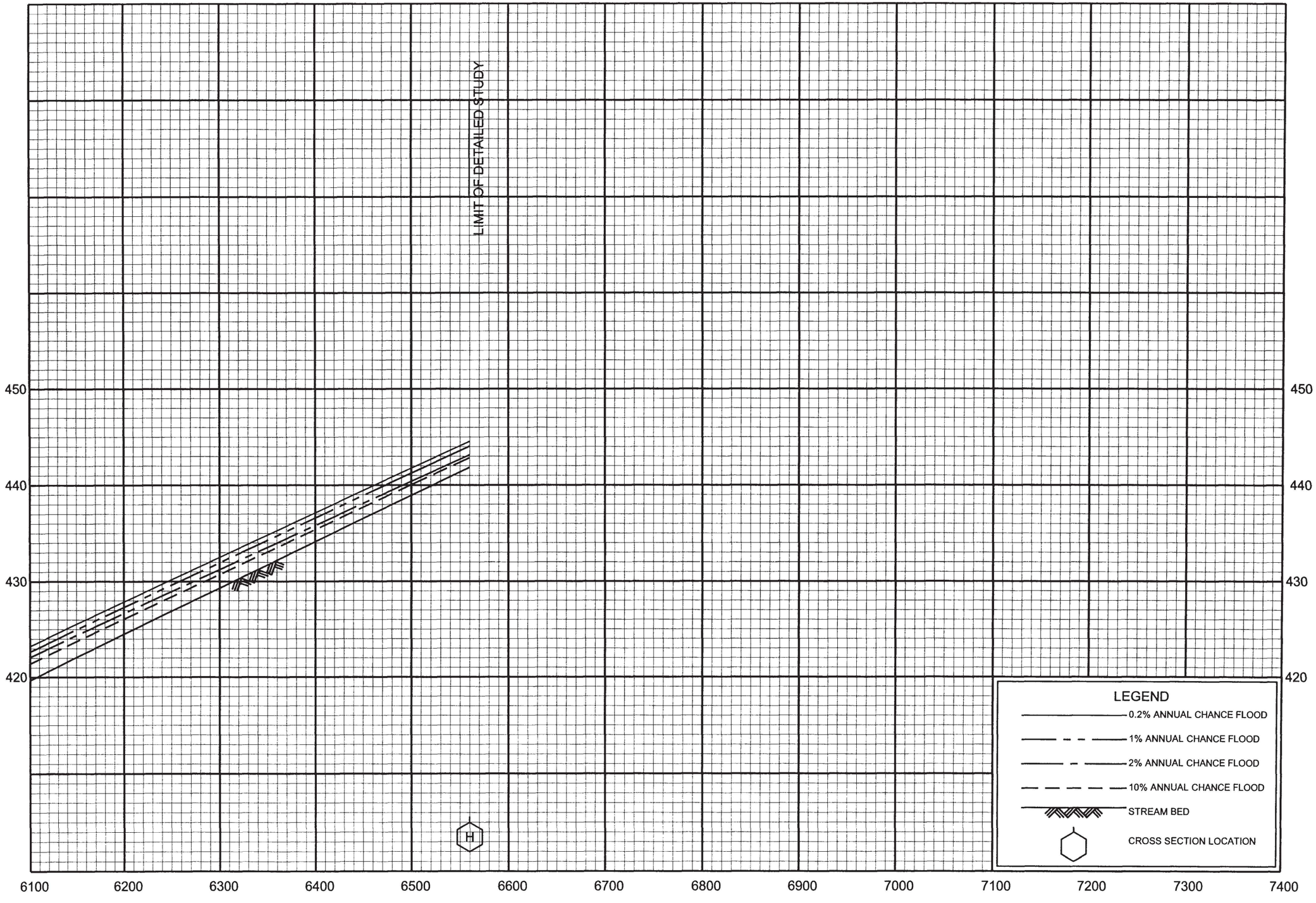
CANOE BROOK TRIBUTARY NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

28P



FLOOD PROFILES

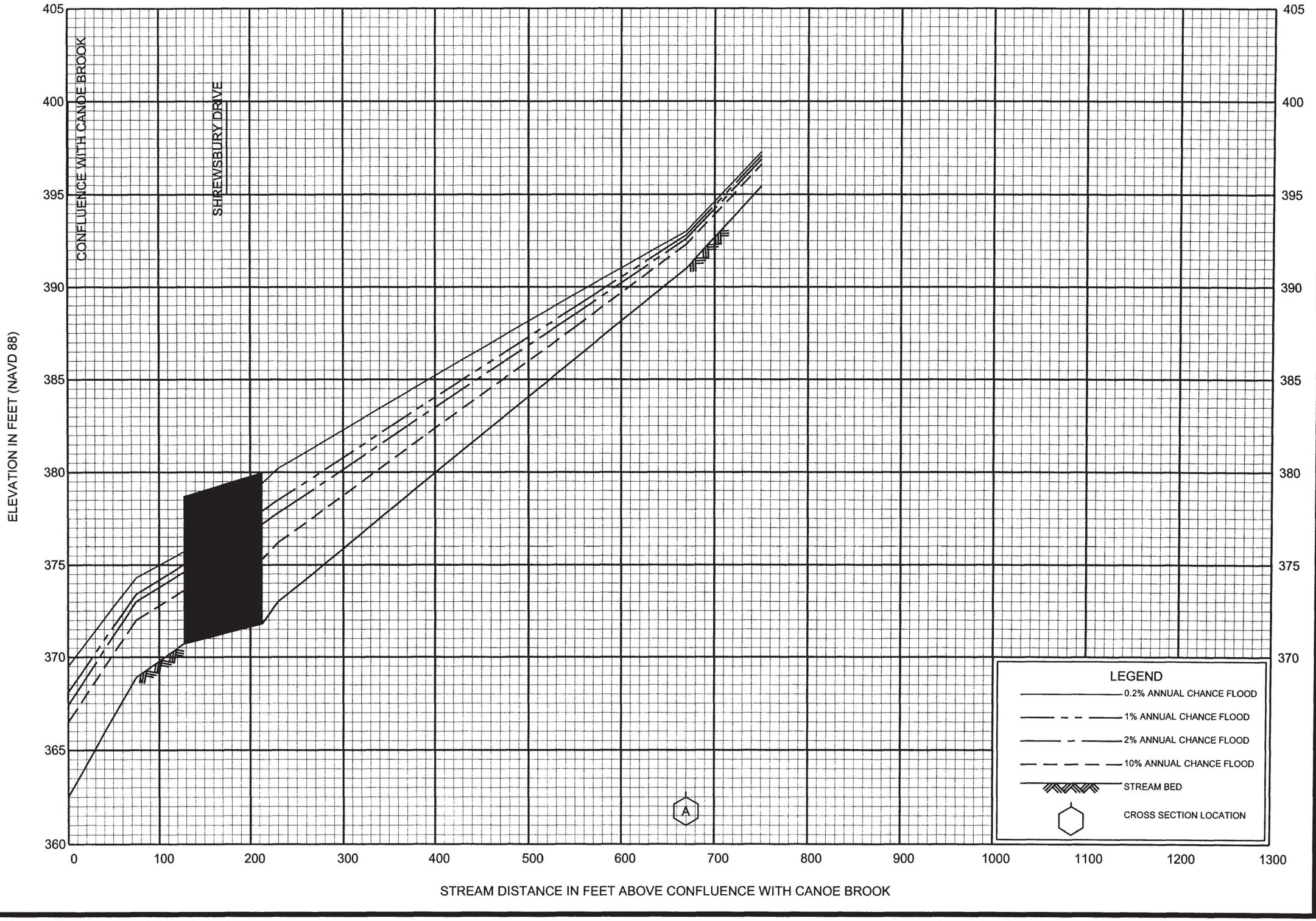
CANOE BROOK TRIBUTARY NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

29P



FLOOD PROFILES

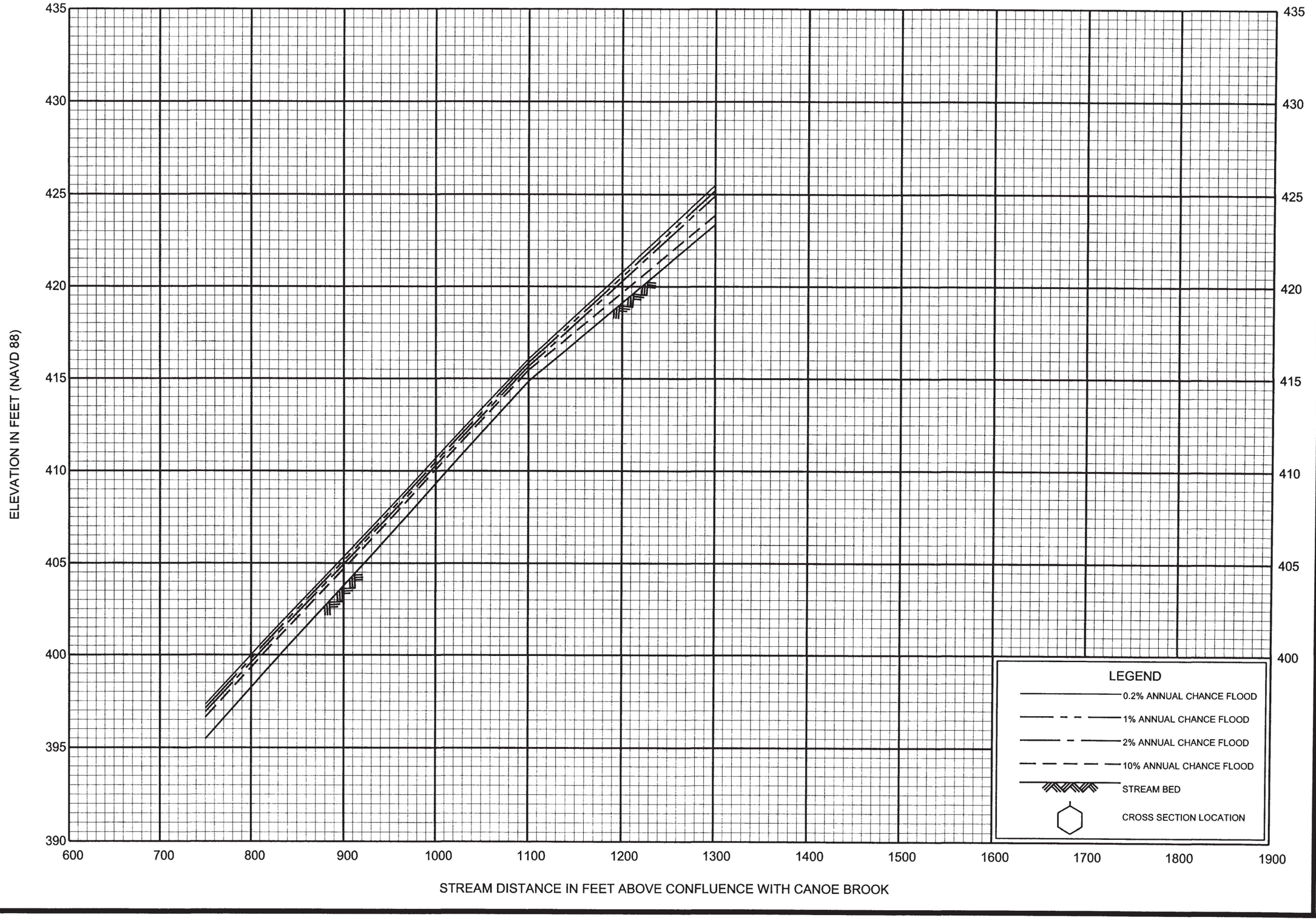
CANOE BROOK TRIBUTARY NO. 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

30P



FLOOD PROFILES

CANOE BROOK TRIBUTARY NO. 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD 88)

465
460
455
450
445
440
435
430
425
420

OVERLOOK ROAD

B

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

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CANOE BROOK

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

CANOE BROOK TRIBUTARY NO. 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD 88)

500
495
490
485
480
475
470
465
460
455

1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CANOE BROOK

C

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

CANOE BROOK TRIBUTARY NO. 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD 88)

525
520
515
510
505
500
495
490

2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CANOE BROOK

TOWNSHIP OF LIVINGSTON
ESSEX COUNTY

LIMIT OF DETAILED STUDY

D

E

LEGEND

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

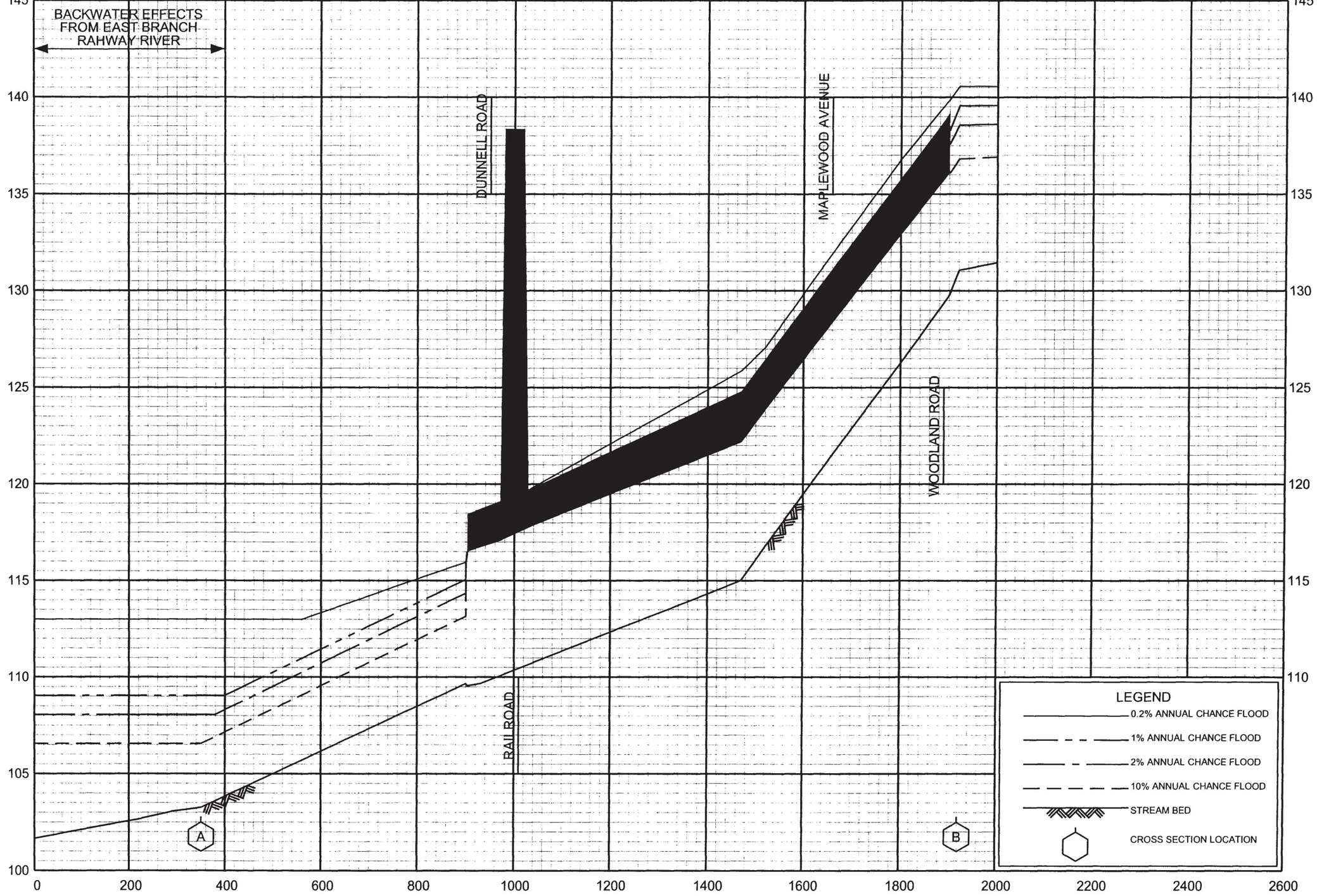
FLOOD PROFILES

CANOE BROOK TRIBUTARY NO. 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



FLOOD PROFILES

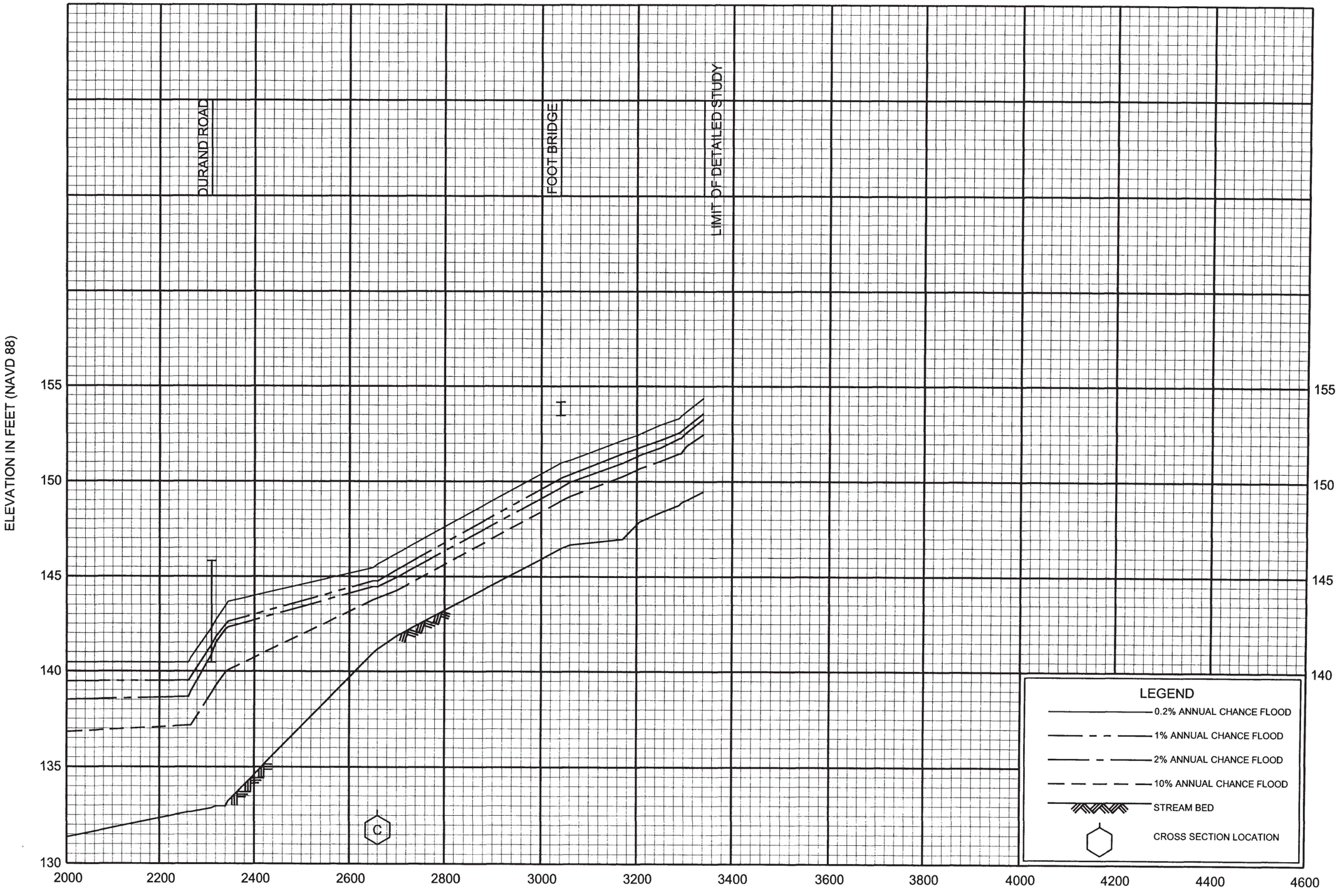
CROOKED BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

35P



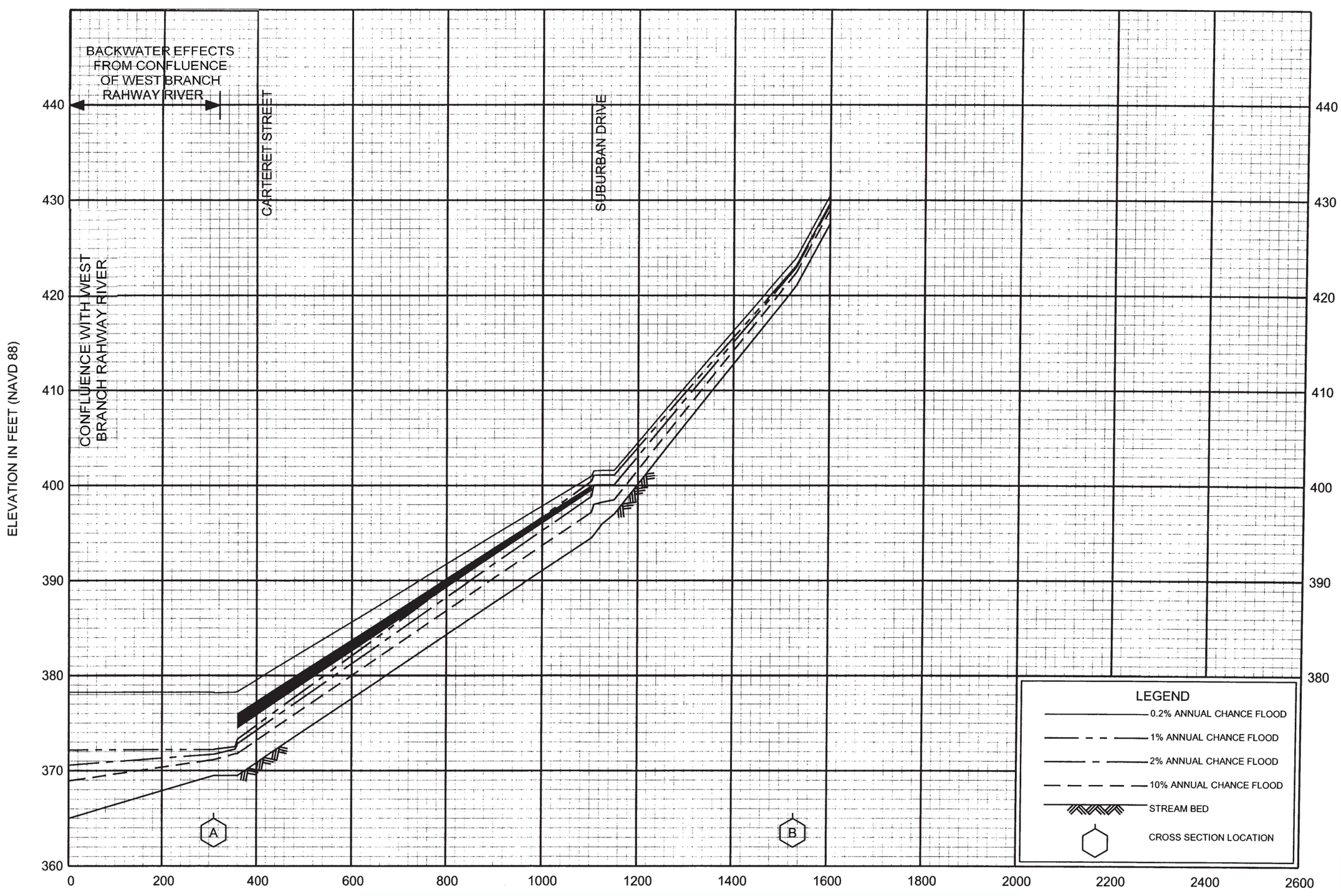
FLOOD PROFILES

CROOKED BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



FLOOD PROFILES

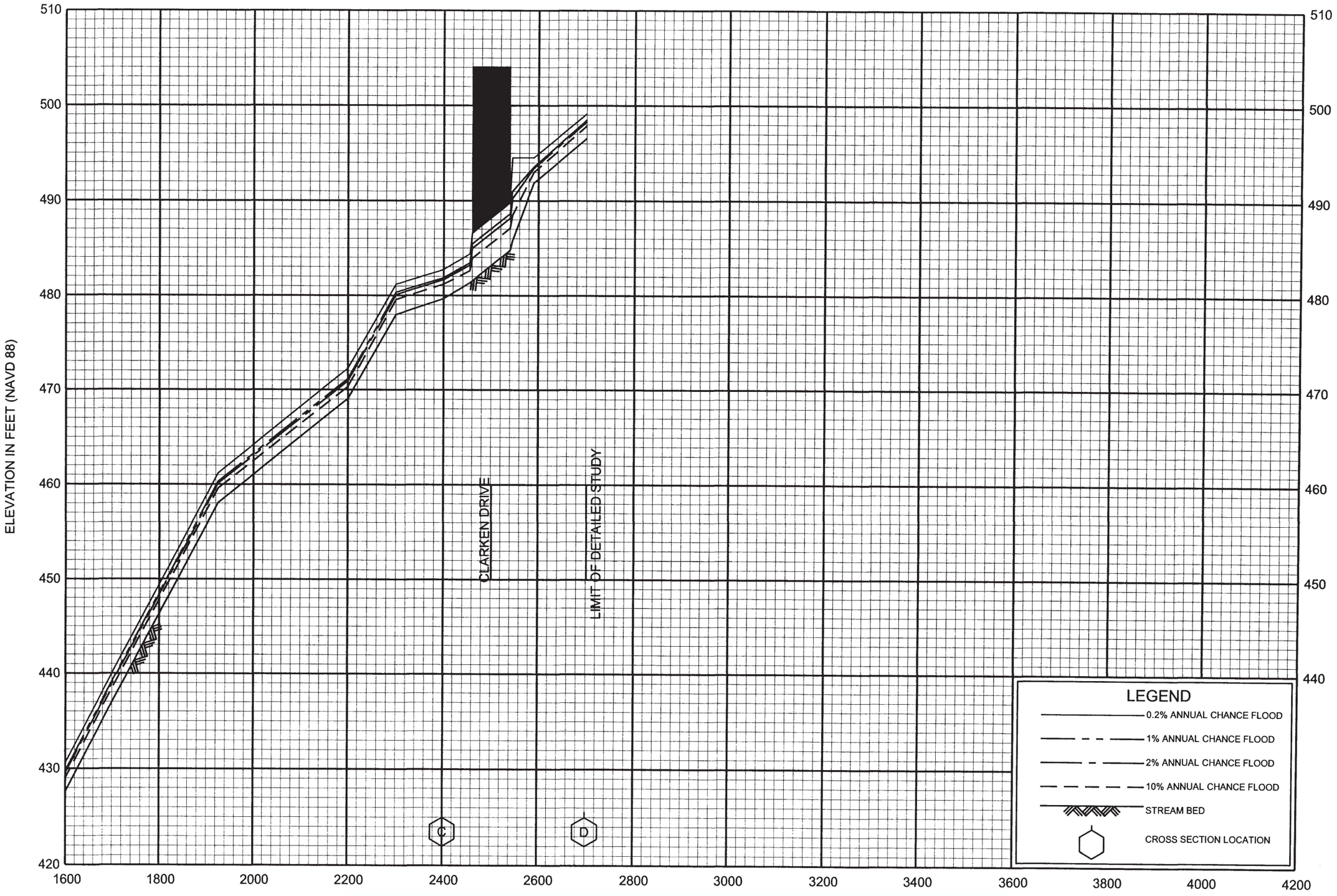
CRYSTAL LAKE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

37P



FLOOD PROFILES

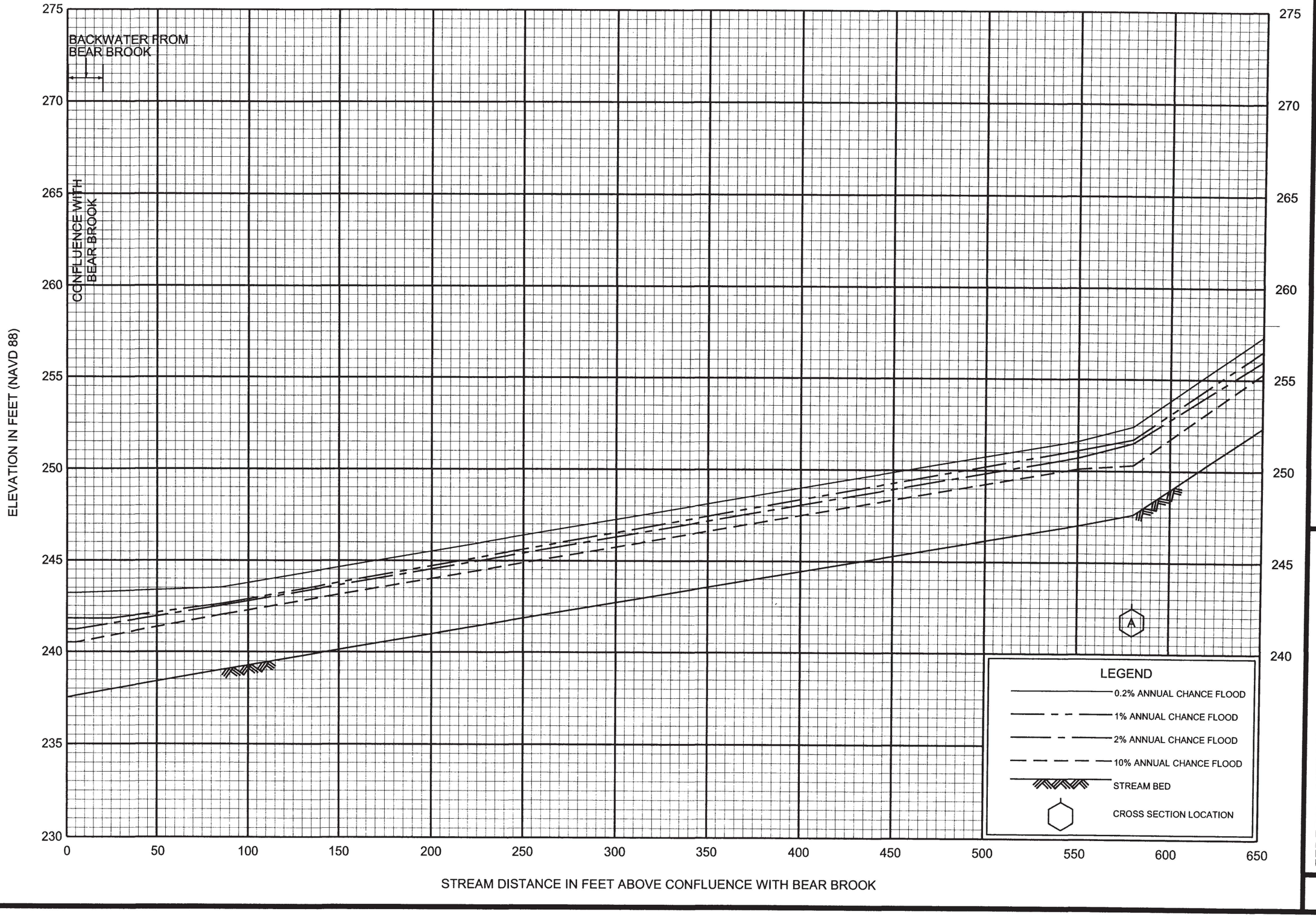
CRYSTAL LAKE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

38P



FLOOD PROFILES

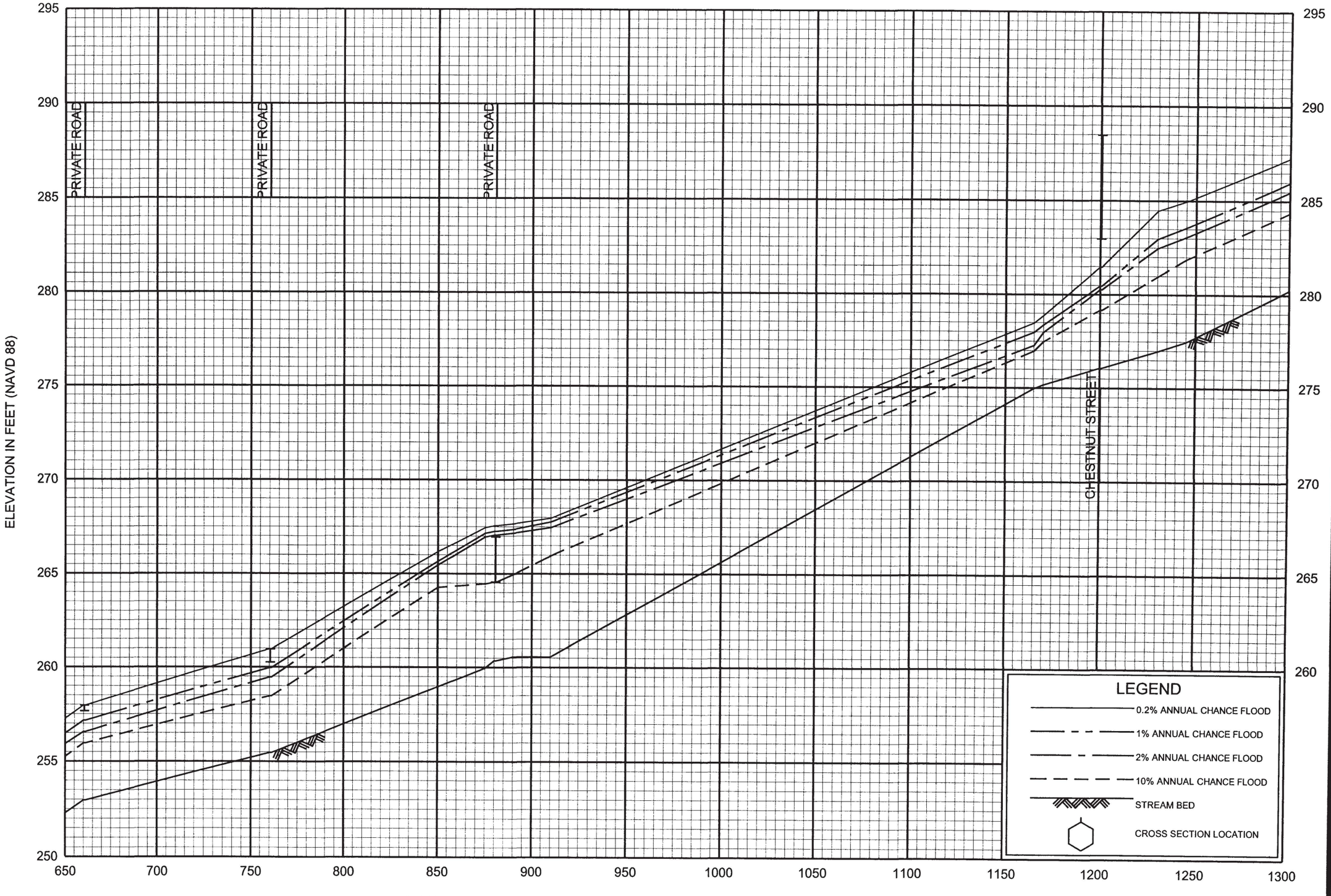
CUB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

39P



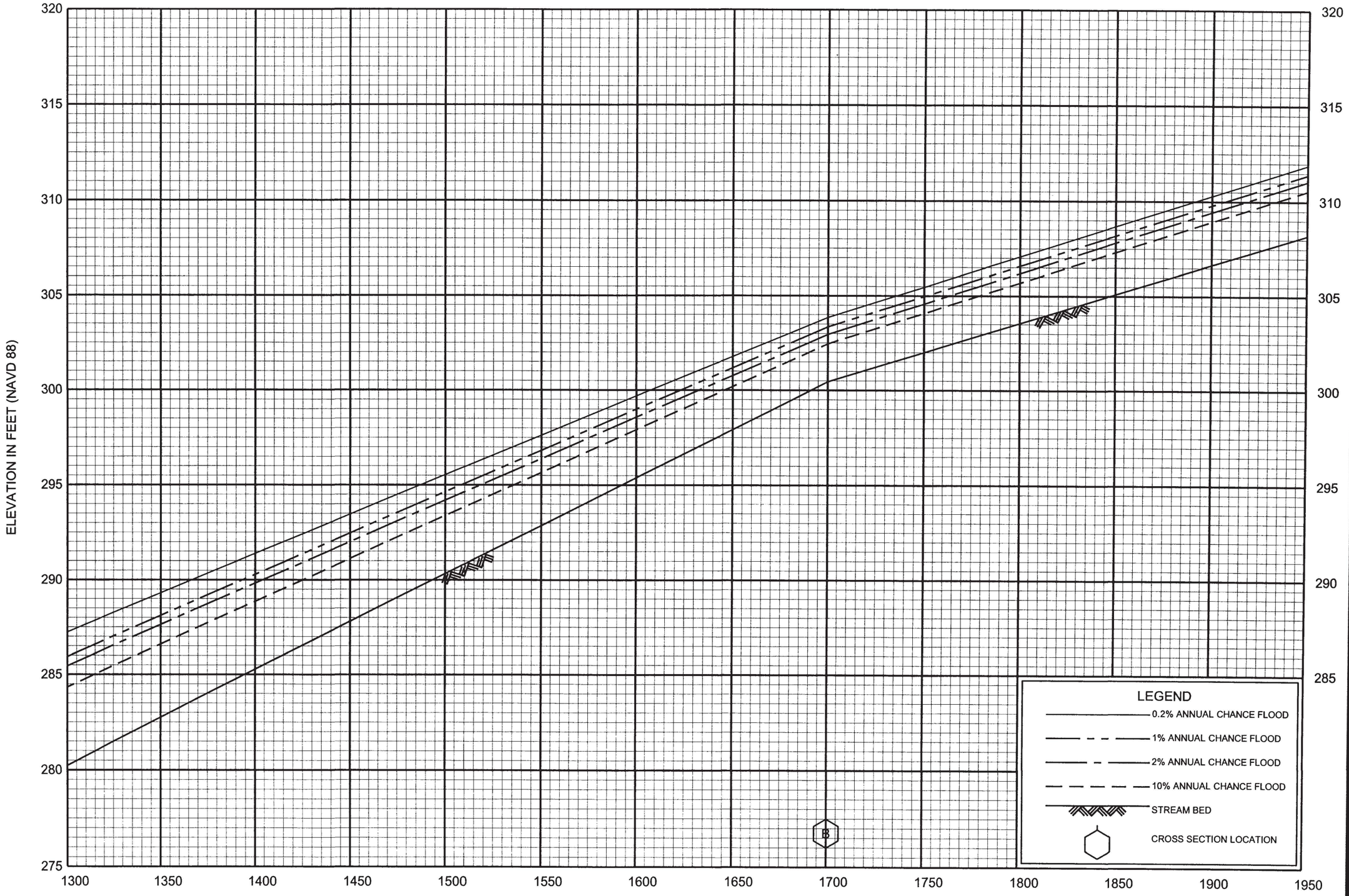
FLOOD PROFILES

CUB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BEAR BROOK

FLOOD PROFILES

CUB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

41P

ELEVATION IN FEET (NAVD 88)

345
340
335
330
325
320
315
310
305
300

1950 2000 2050 2100 2150 2200 2250 2300 2350 2400 2450 2500 2550 2600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BEAR BROOK

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

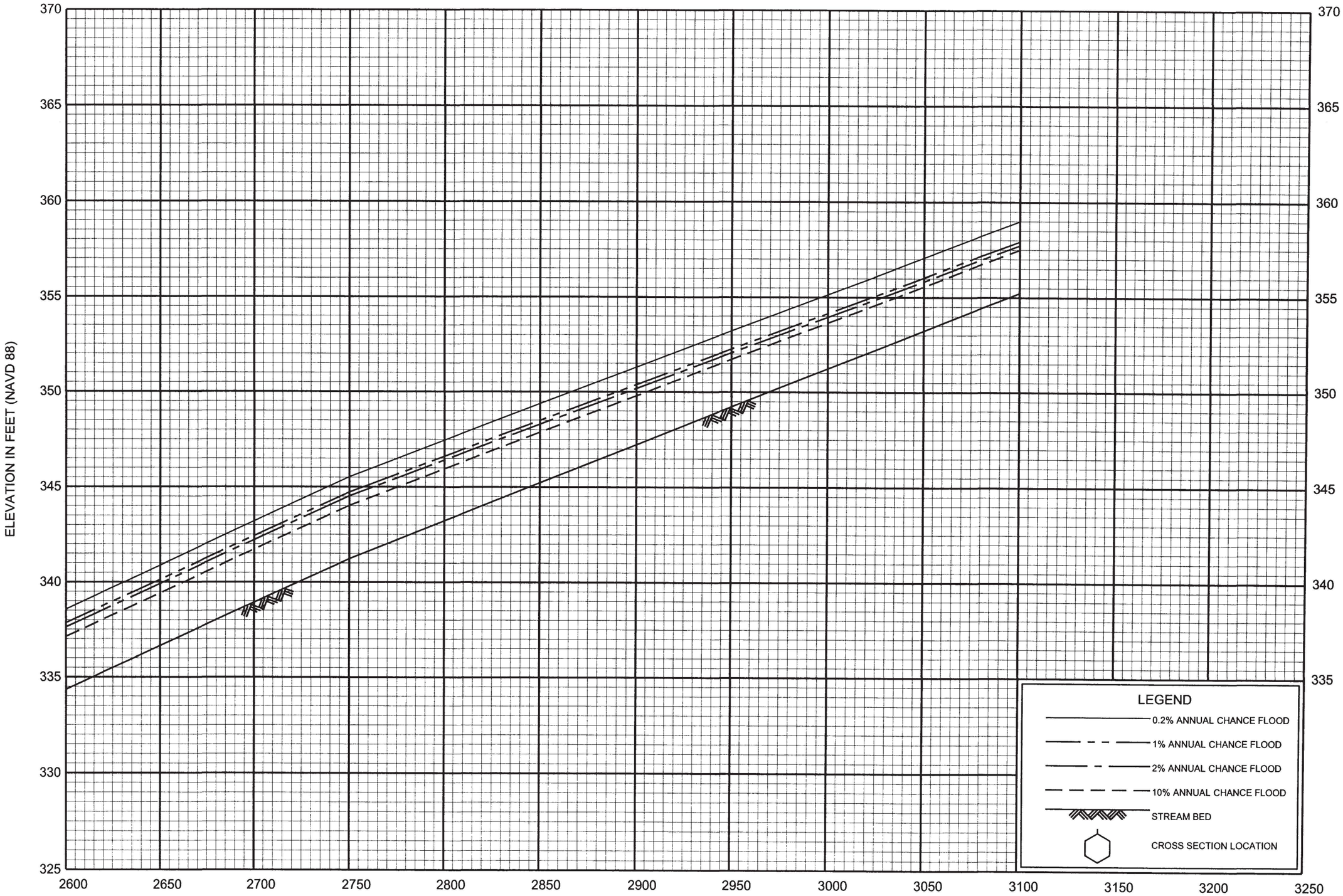
CUB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

42P



FLOOD PROFILES

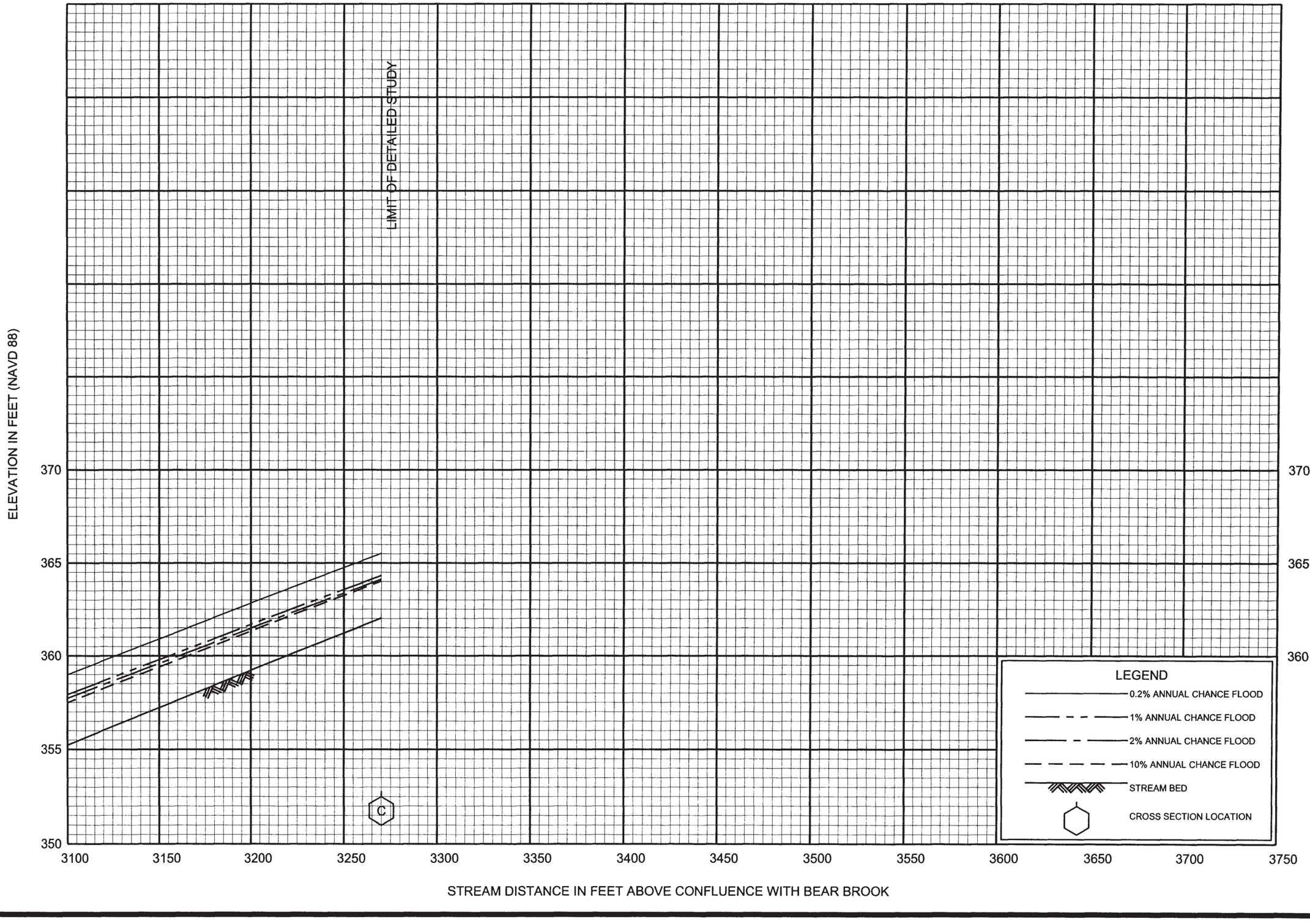
CUB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

43P



FLOOD PROFILES

CUB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

44P

FLOODING EFFECTS CONTROLLED BY PASSAIC RIVER

NJFHADF**

CONFLUENCE WITH PASSAIC RIVER

LITTLE FALLS ROAD

PASSAIC AVENUE

NEW DUTCH LANE

ELEVATION IN FEET (NAVD)

185
180
175
170
165
160
155
150
145
140

0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,000
4,500
5,000
5,500
6,000
6,500

A
B
C
D
E
F

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 4% ANNUAL CHANCE FLOOD*
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

* DATA NOT AVAILABLE

**NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PASSAIC RIVER

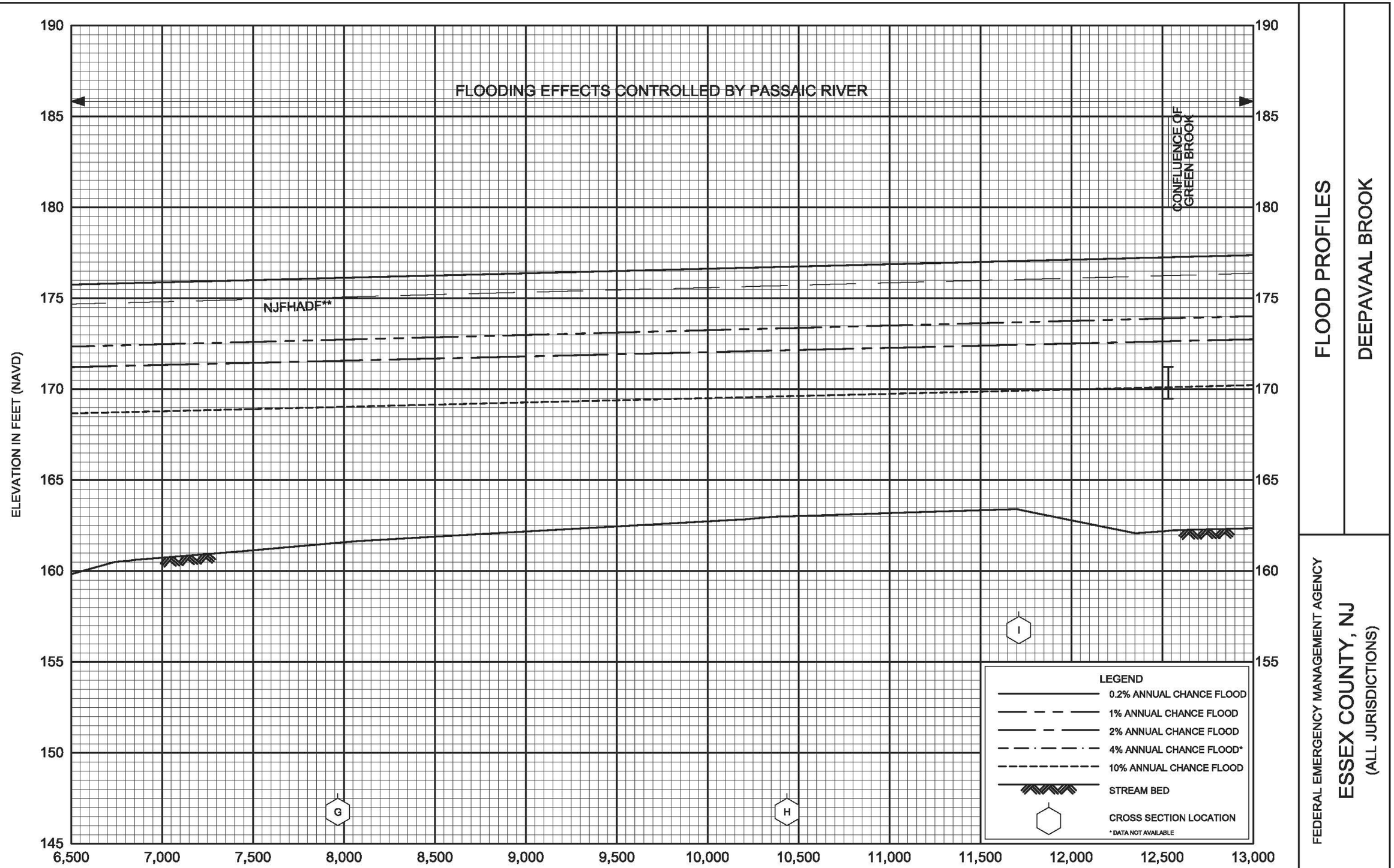
FLOOD PROFILES

DEEPAVAAL BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)



**NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PASSAIC RIVER

FLOOD PROFILES

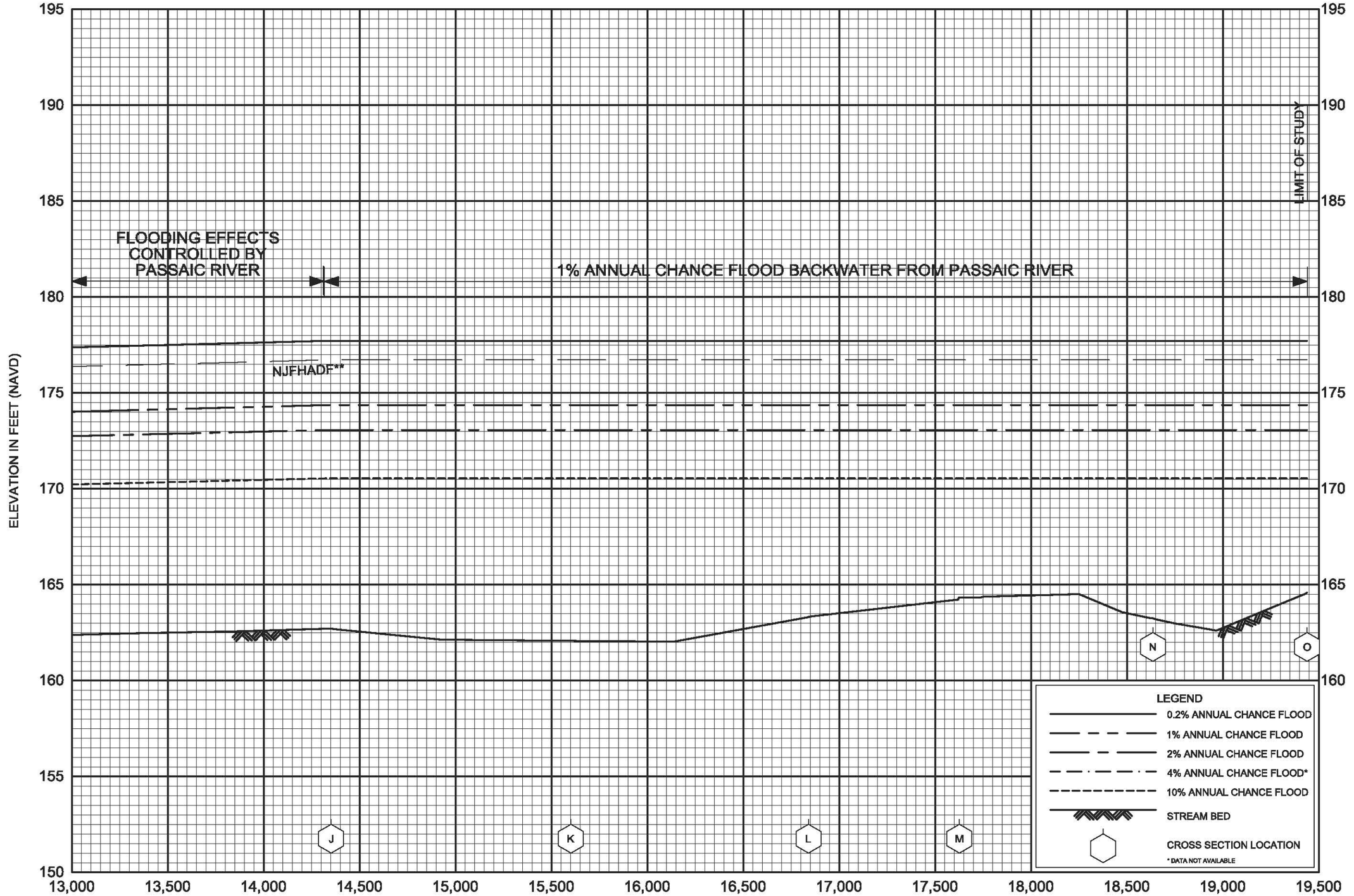
DEEPAVAAL BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

46P



**NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

FLOOD PROFILES

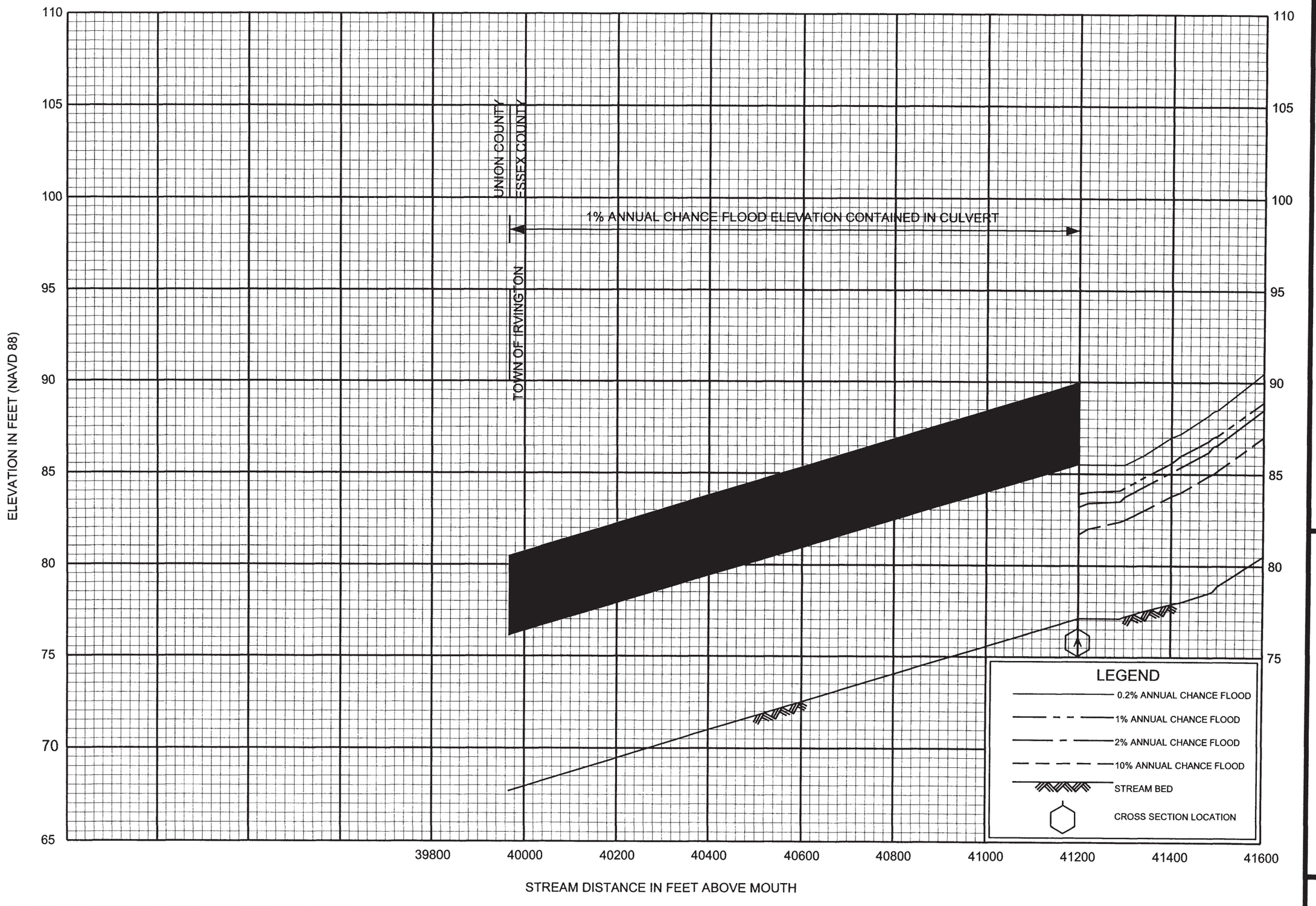
DEEPAVAAL BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

47P



FLOOD PROFILES

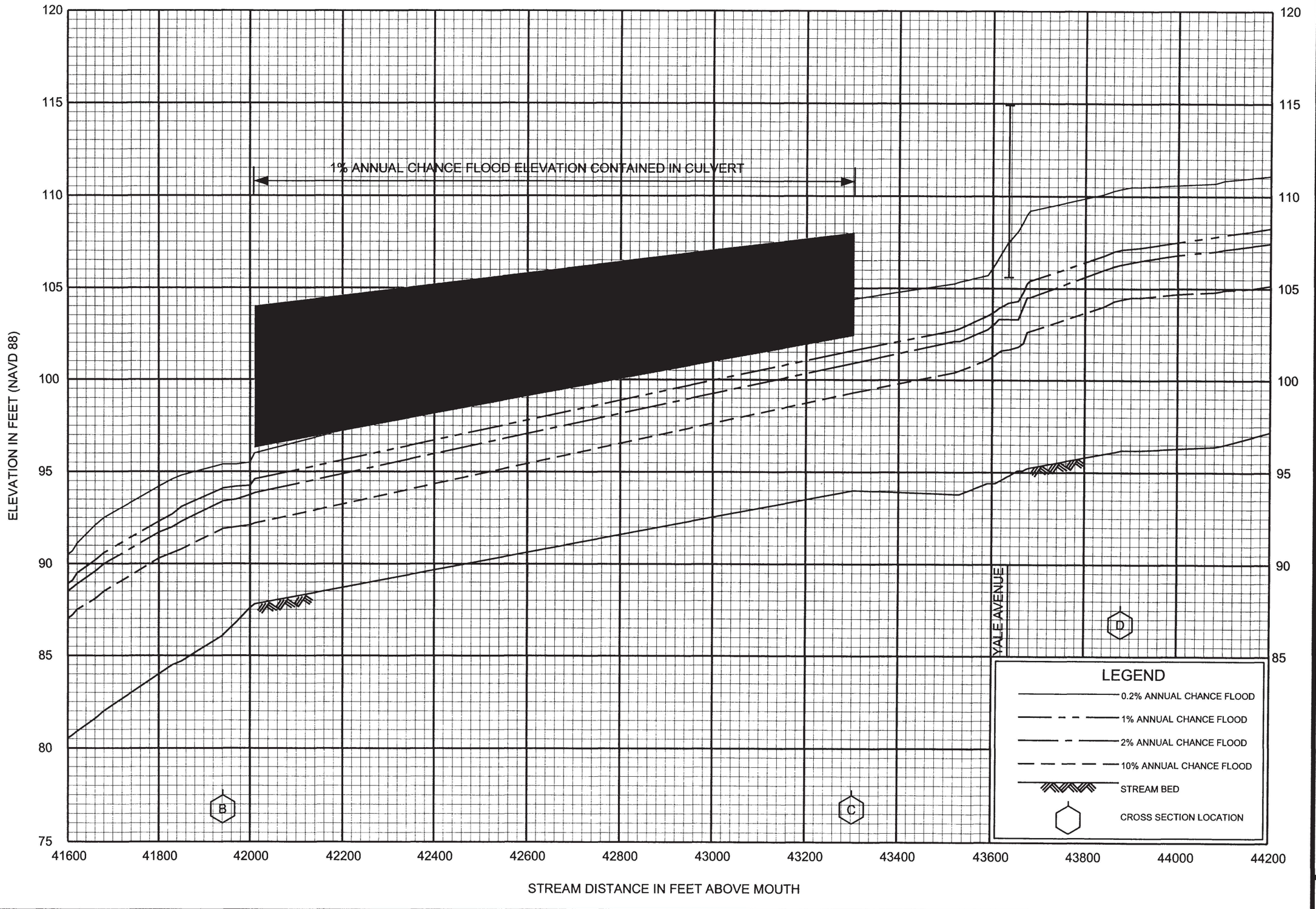
ELIZABETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

48P



FLOOD PROFILES

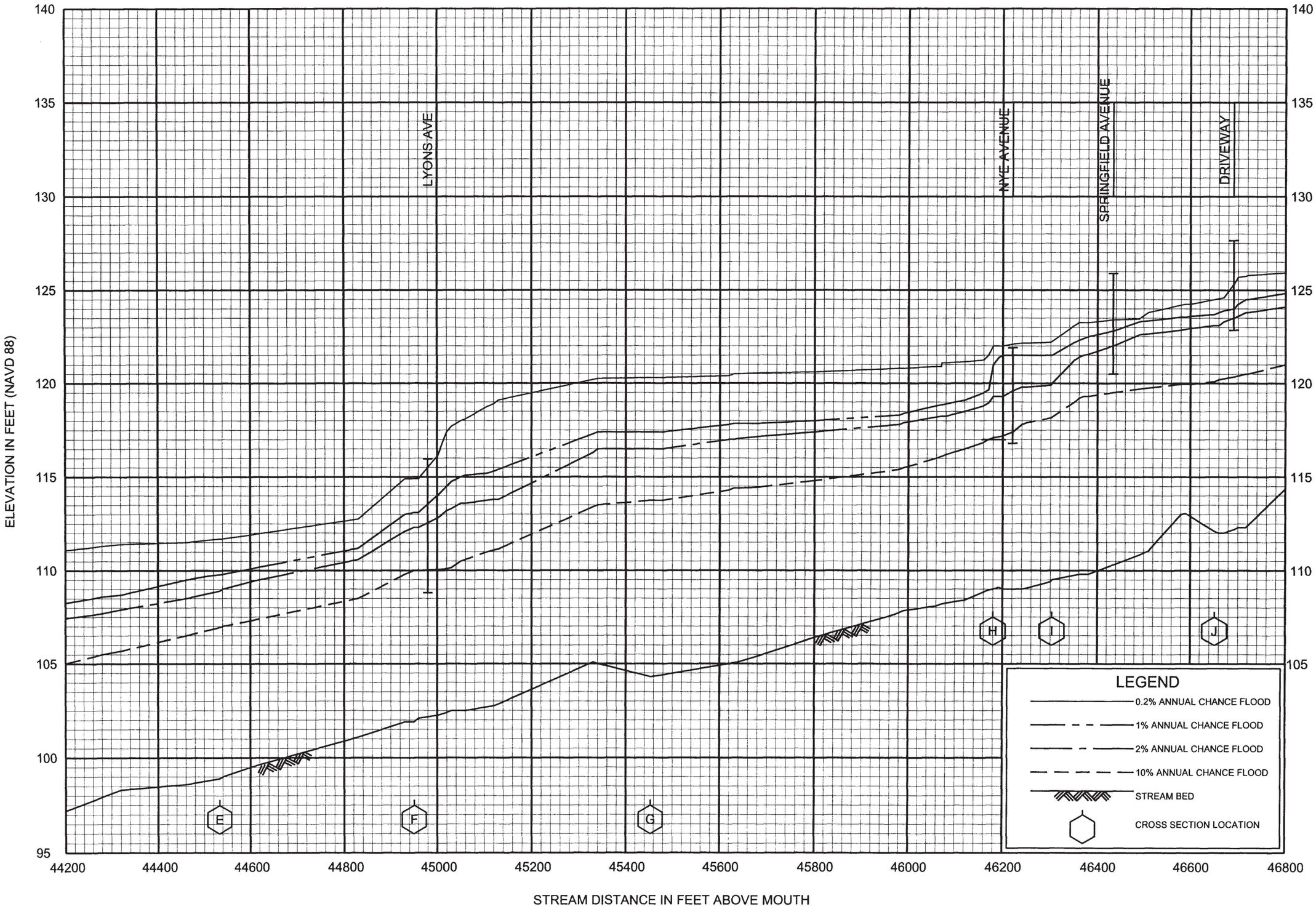
ELIZABETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

49P



FLOOD PROFILES

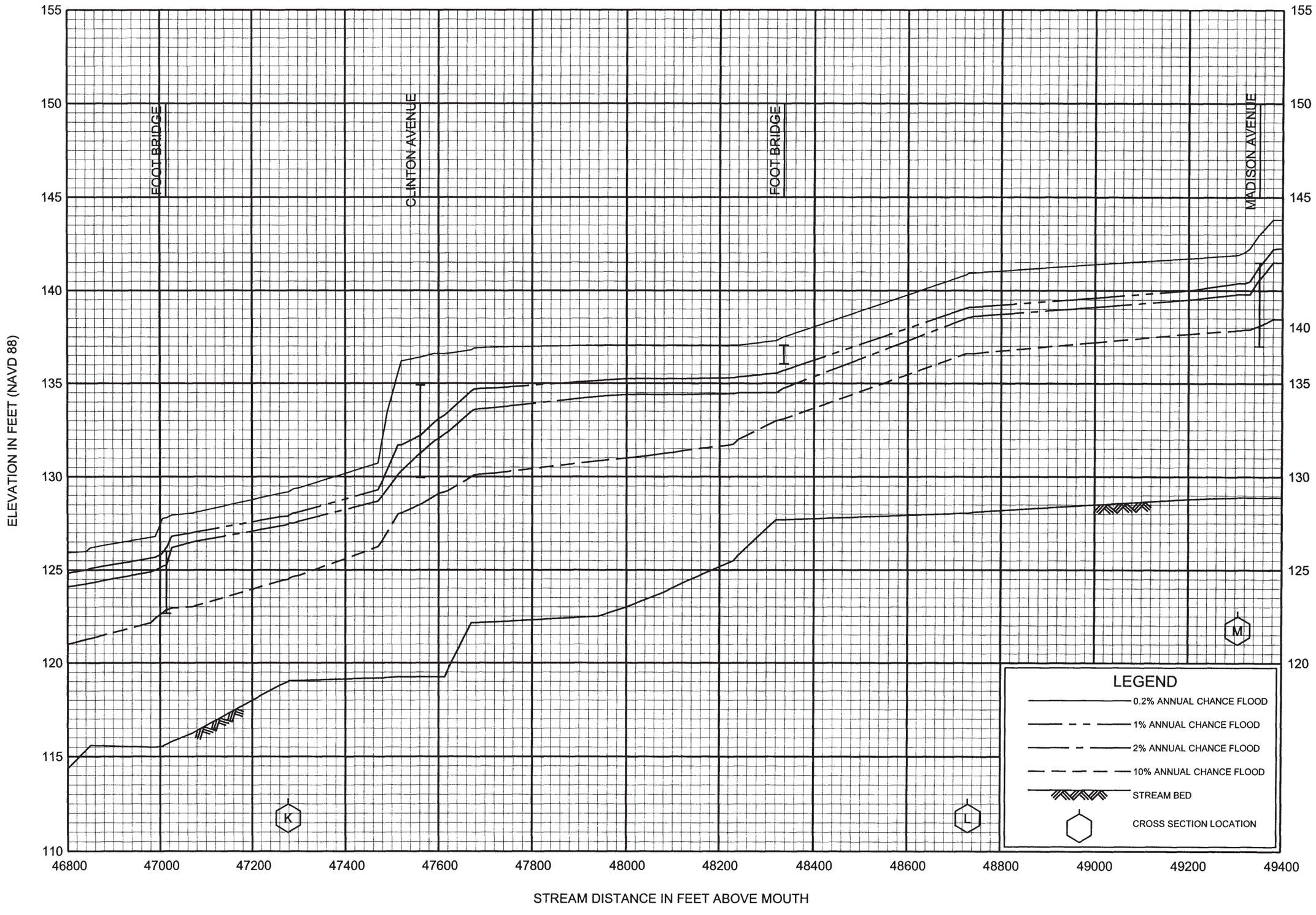
ELIZABETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

50P



FLOOD PROFILES

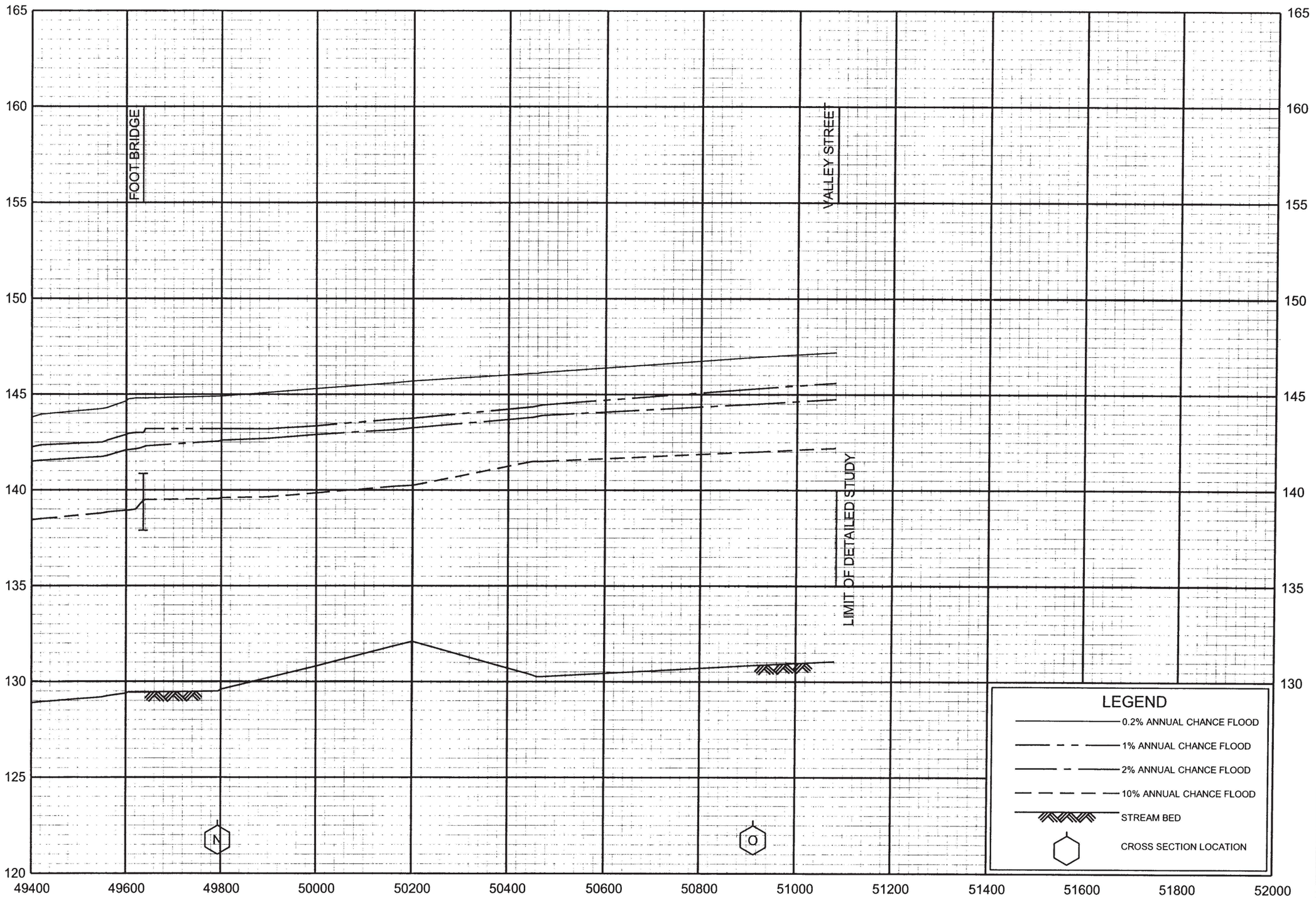
ELIZABETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

51P



FLOOD PROFILES

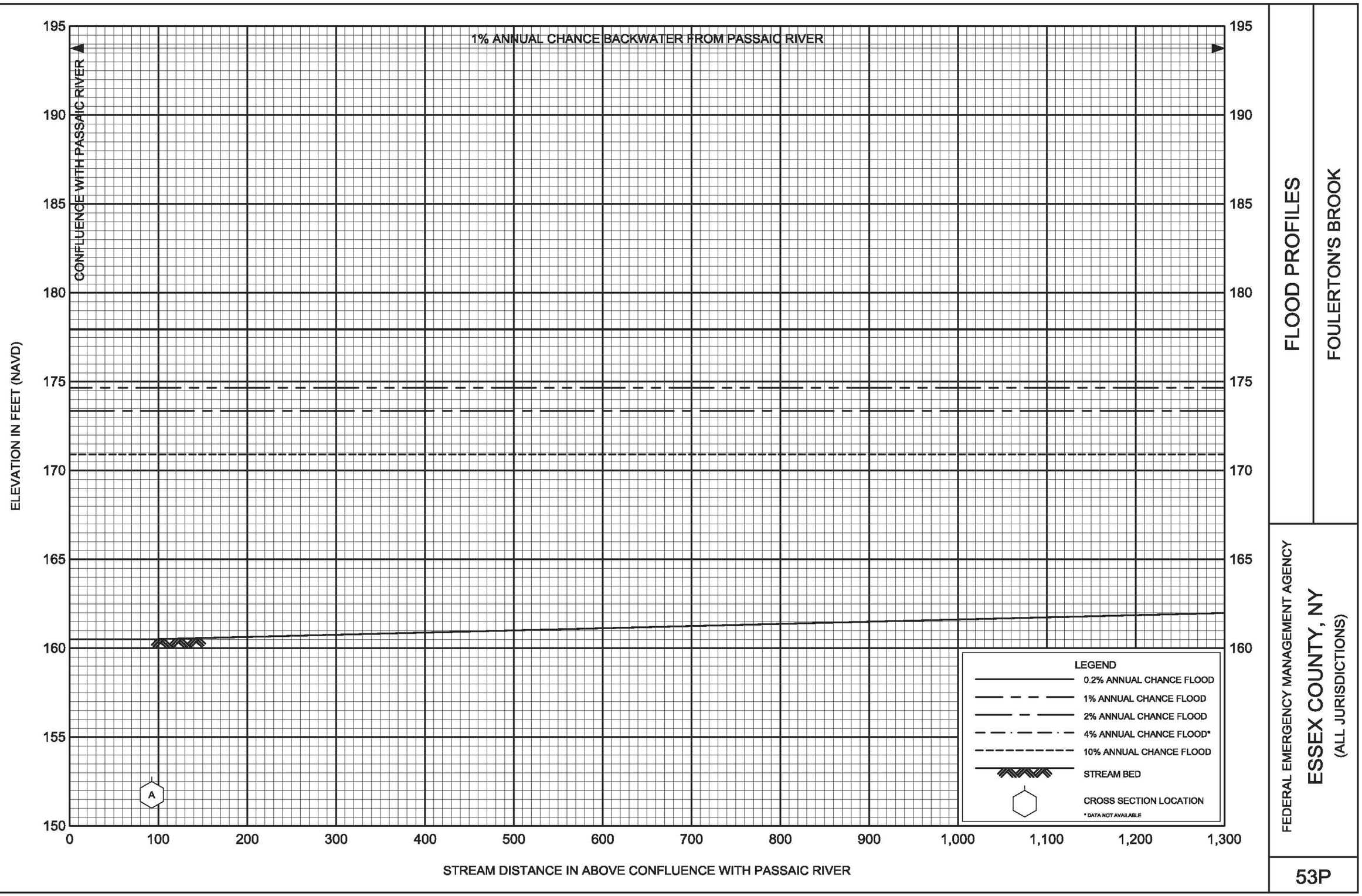
ELIZABETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

52P



FLOOD PROFILES

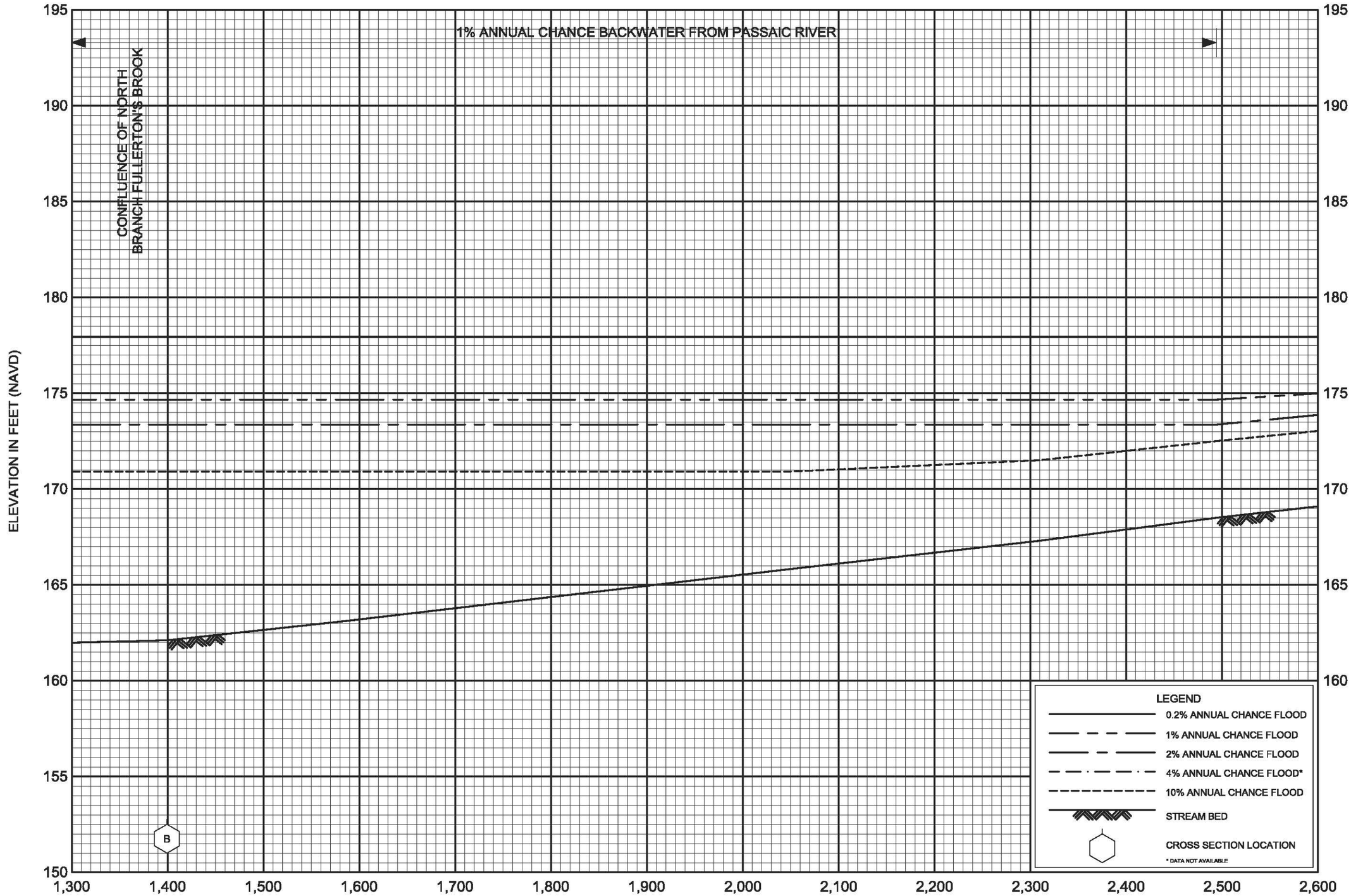
FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NY

(ALL JURISDICTIONS)

53P



FLOOD PROFILES

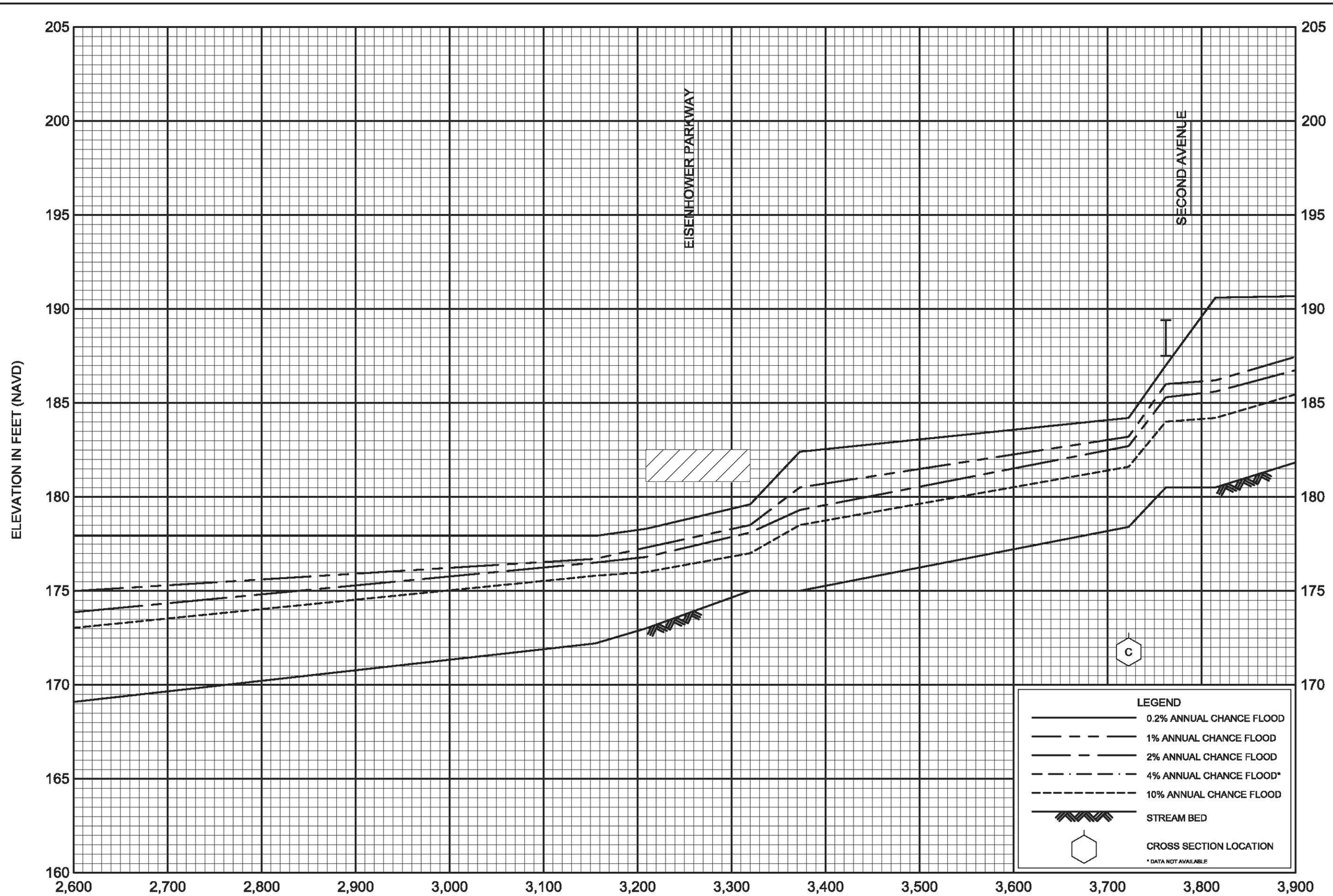
FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NY

(ALL JURISDICTIONS)

54P



FLOOD PROFILES

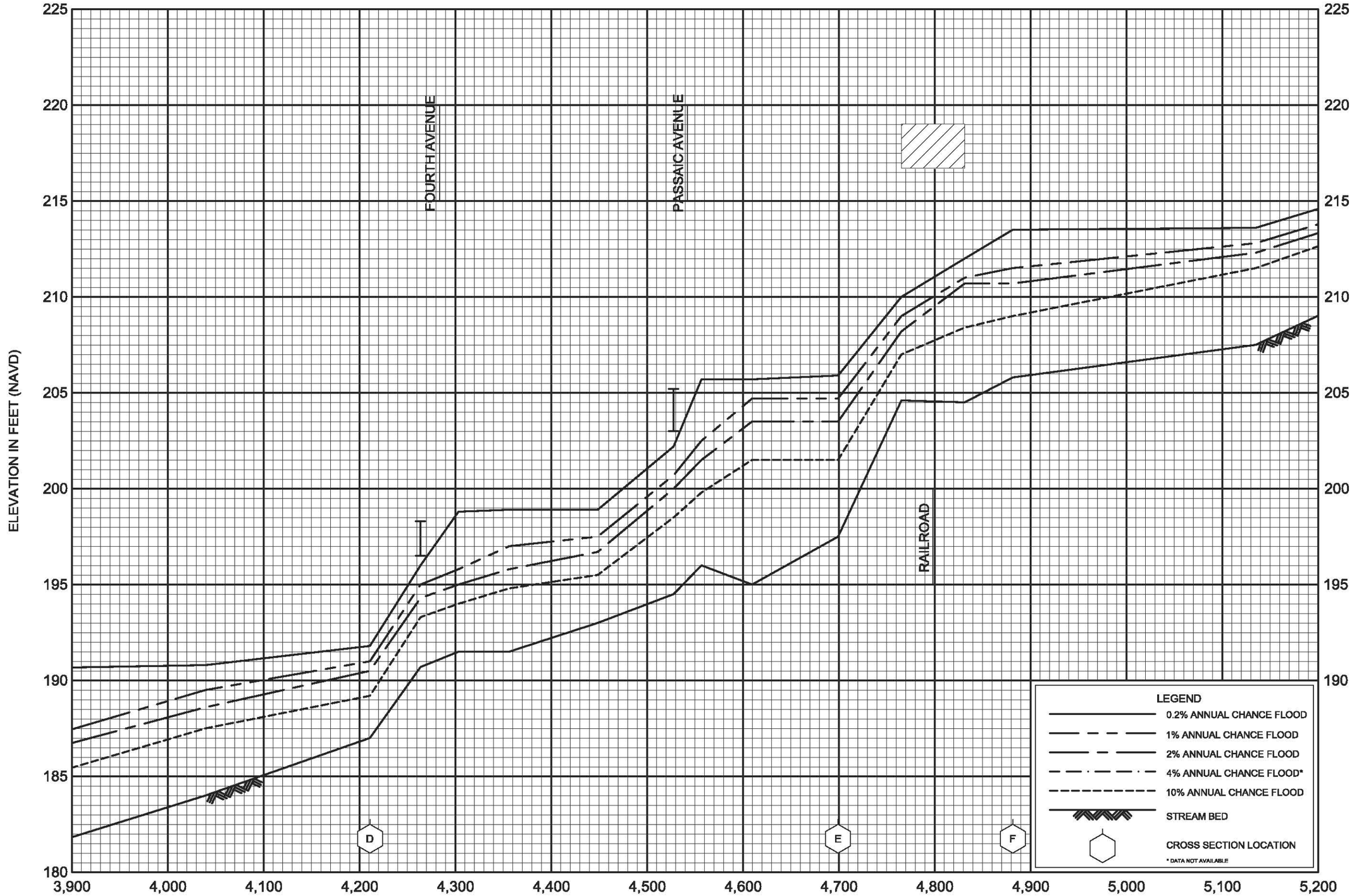
FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NY

(ALL JURISDICTIONS)

55P



FLOOD PROFILES

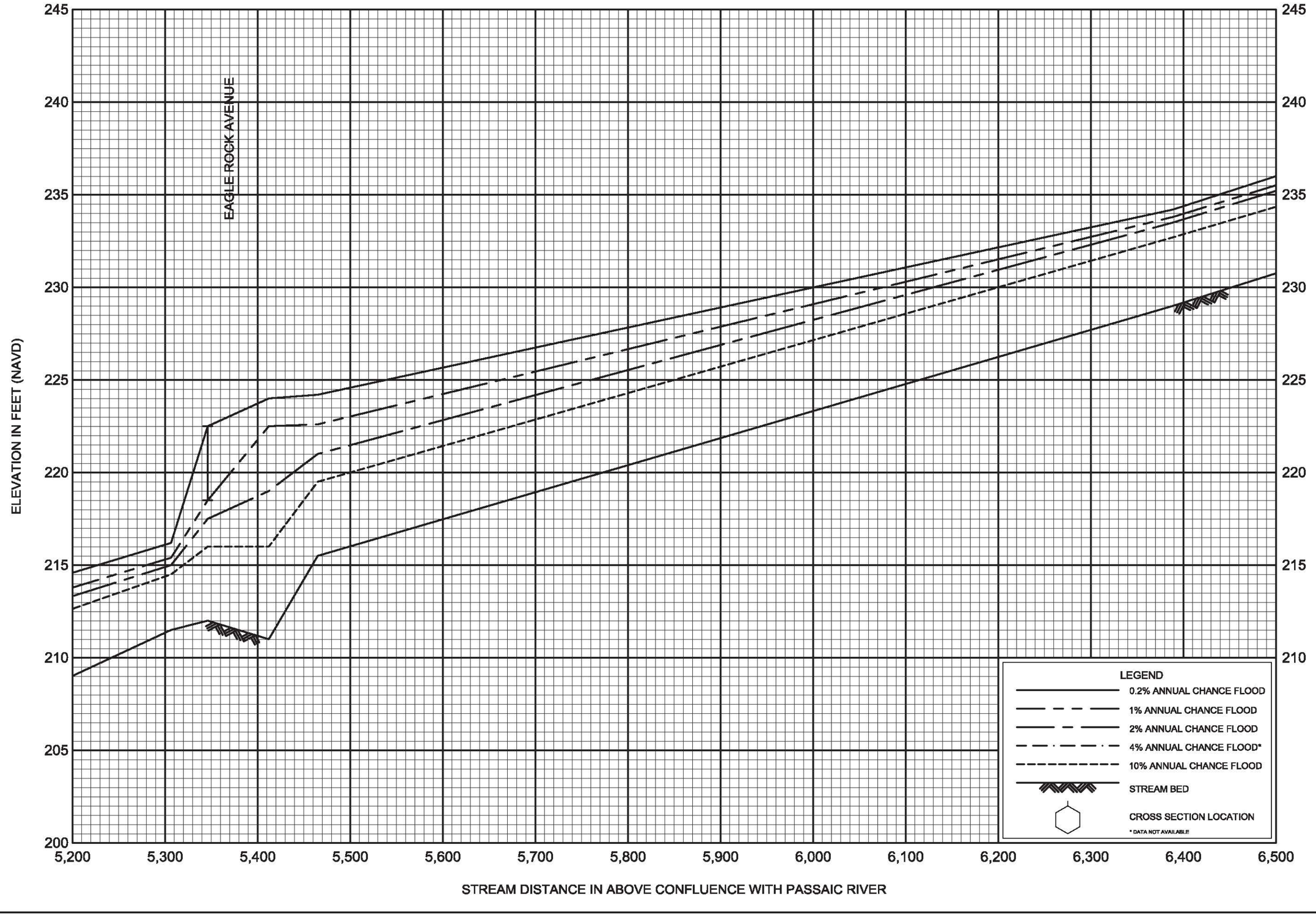
FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NY

(ALL JURISDICTIONS)

56P



FLOOD PROFILES

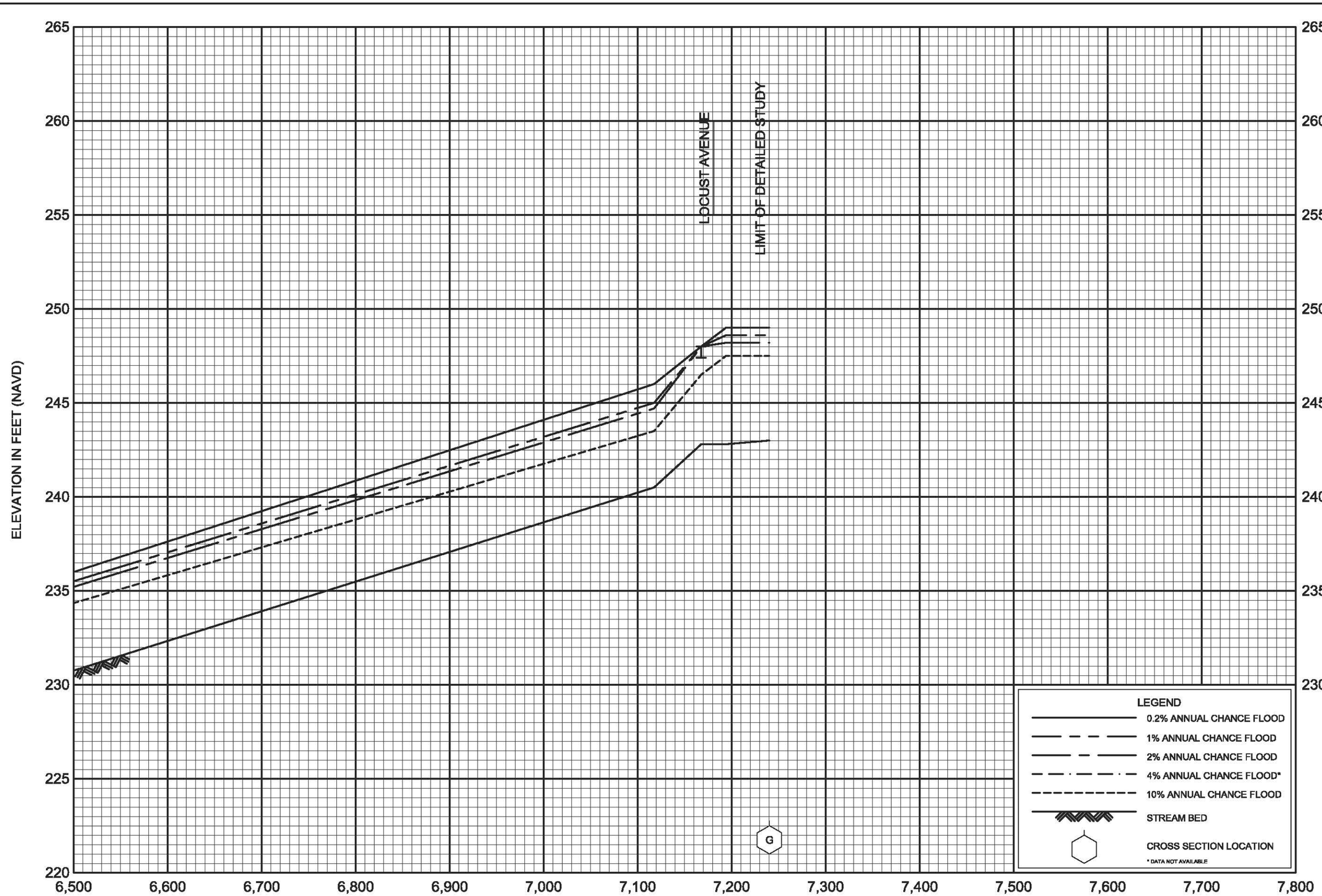
FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NY

(ALL JURISDICTIONS)

57P



FLOOD PROFILES

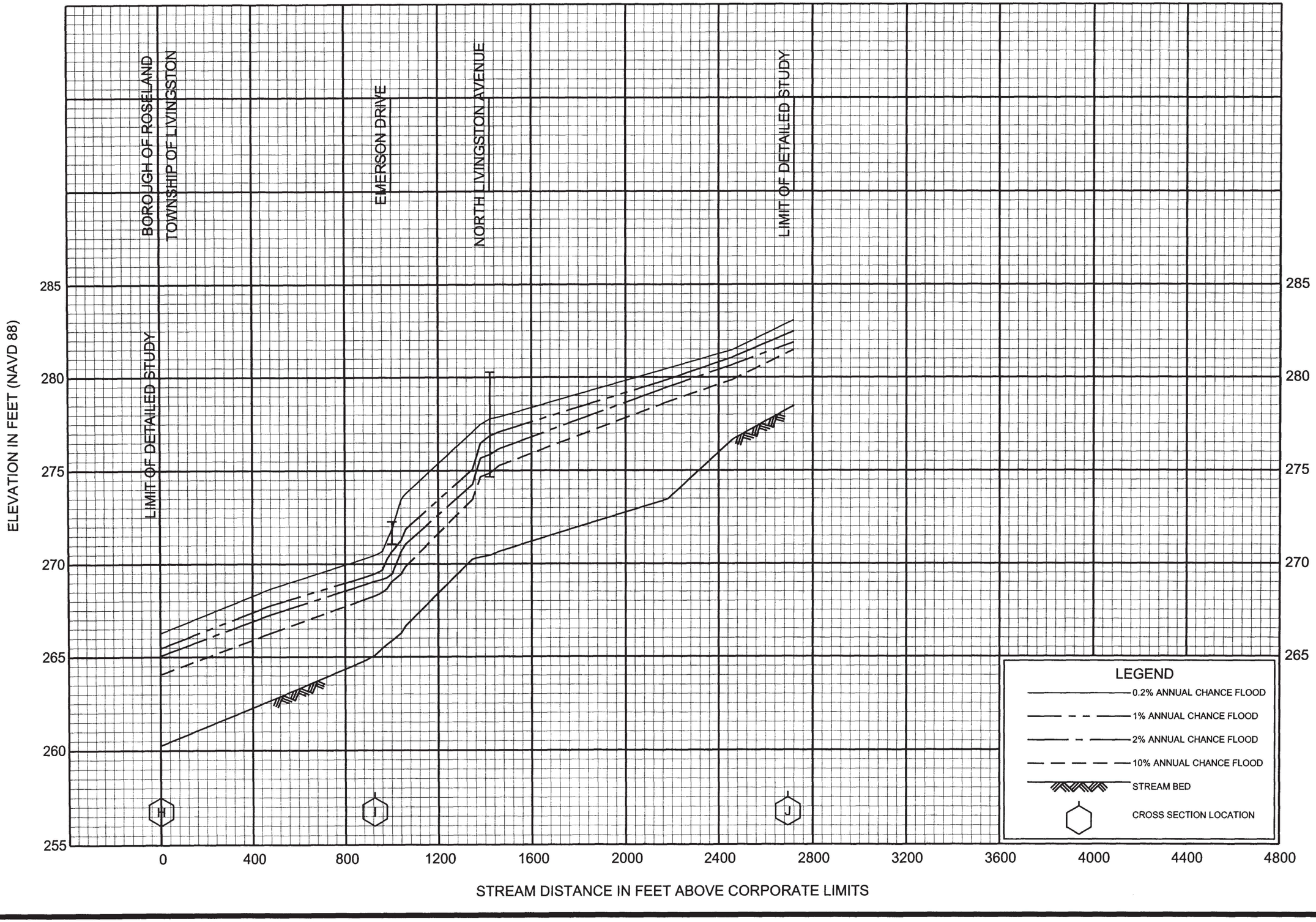
FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NY

(ALL JURISDICTIONS)

58P



FLOOD PROFILES

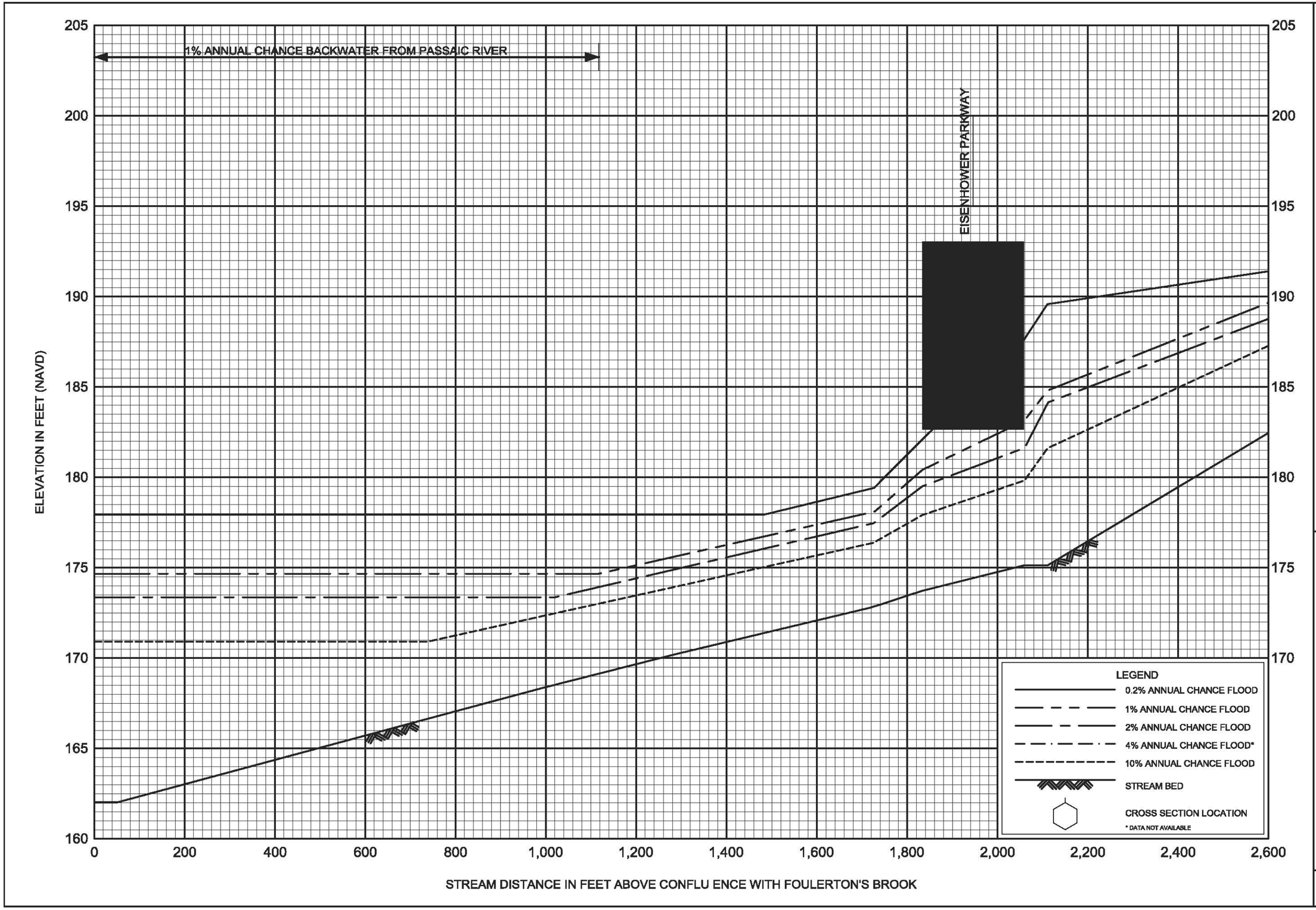
FOULERTON'S BROOK (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

59P



FLOOD PROFILES

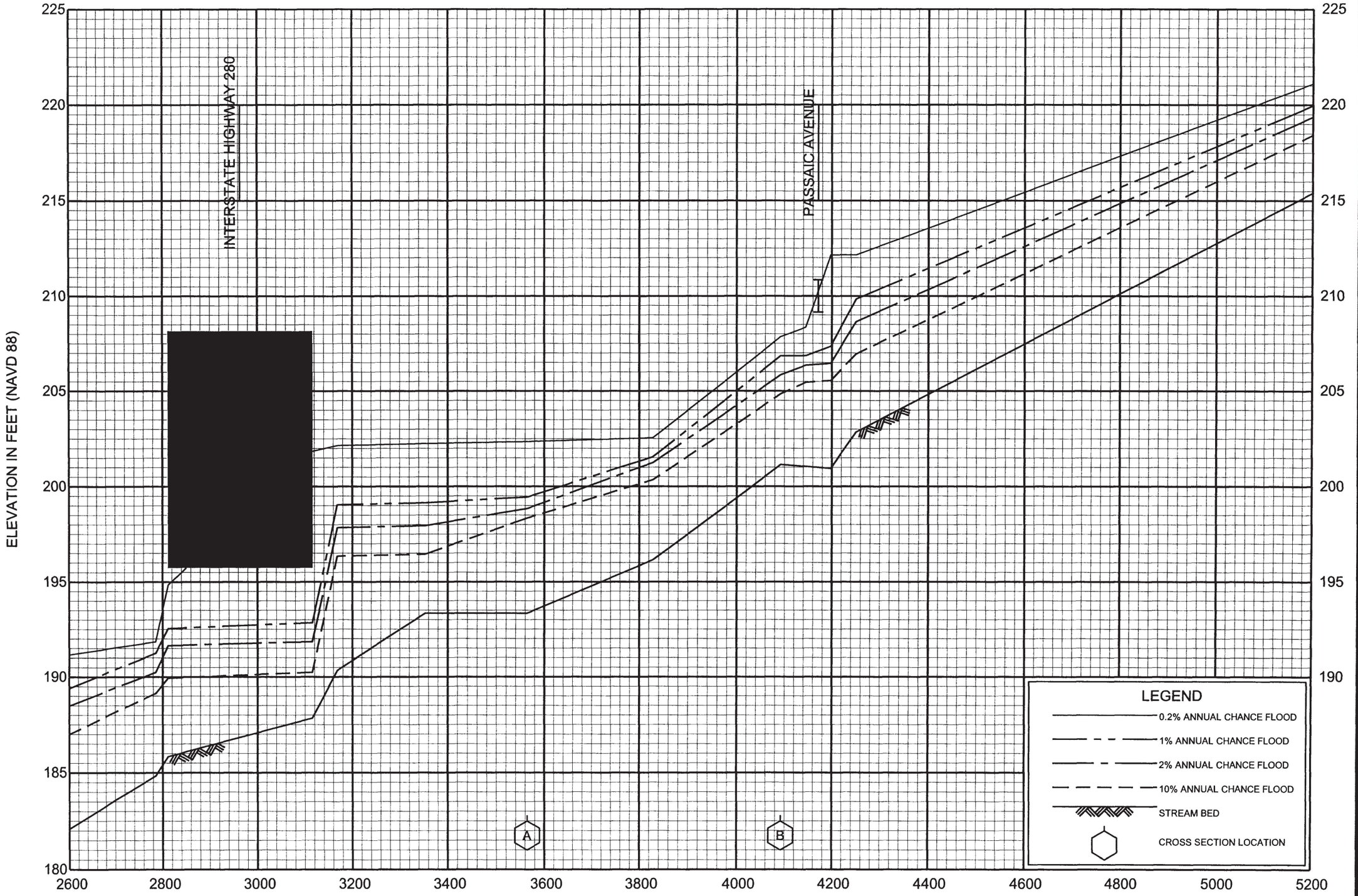
NORTH BRANCH FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

60P



FLOOD PROFILES

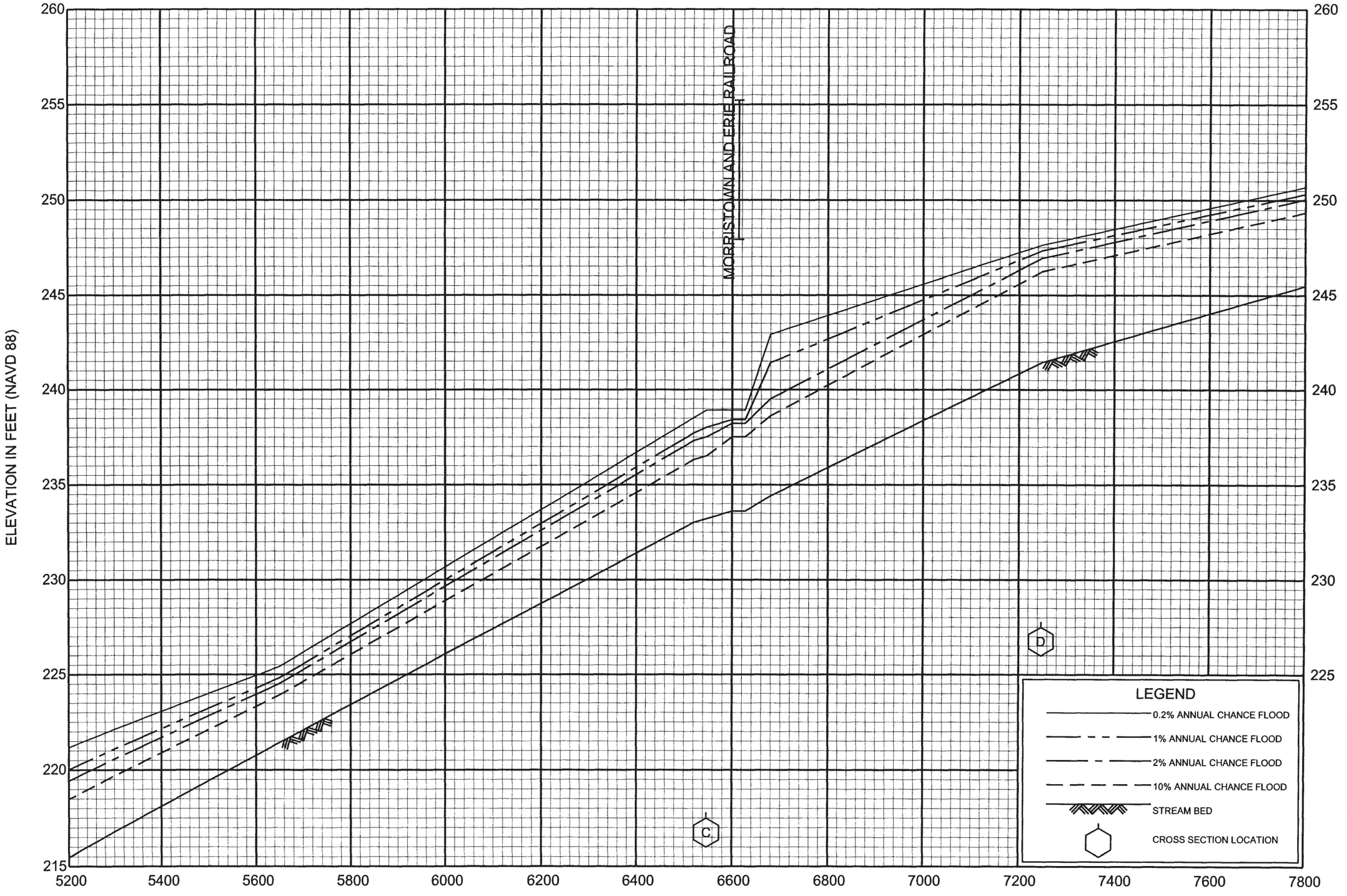
NORTH BRANCH FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

61P



FLOOD PROFILES

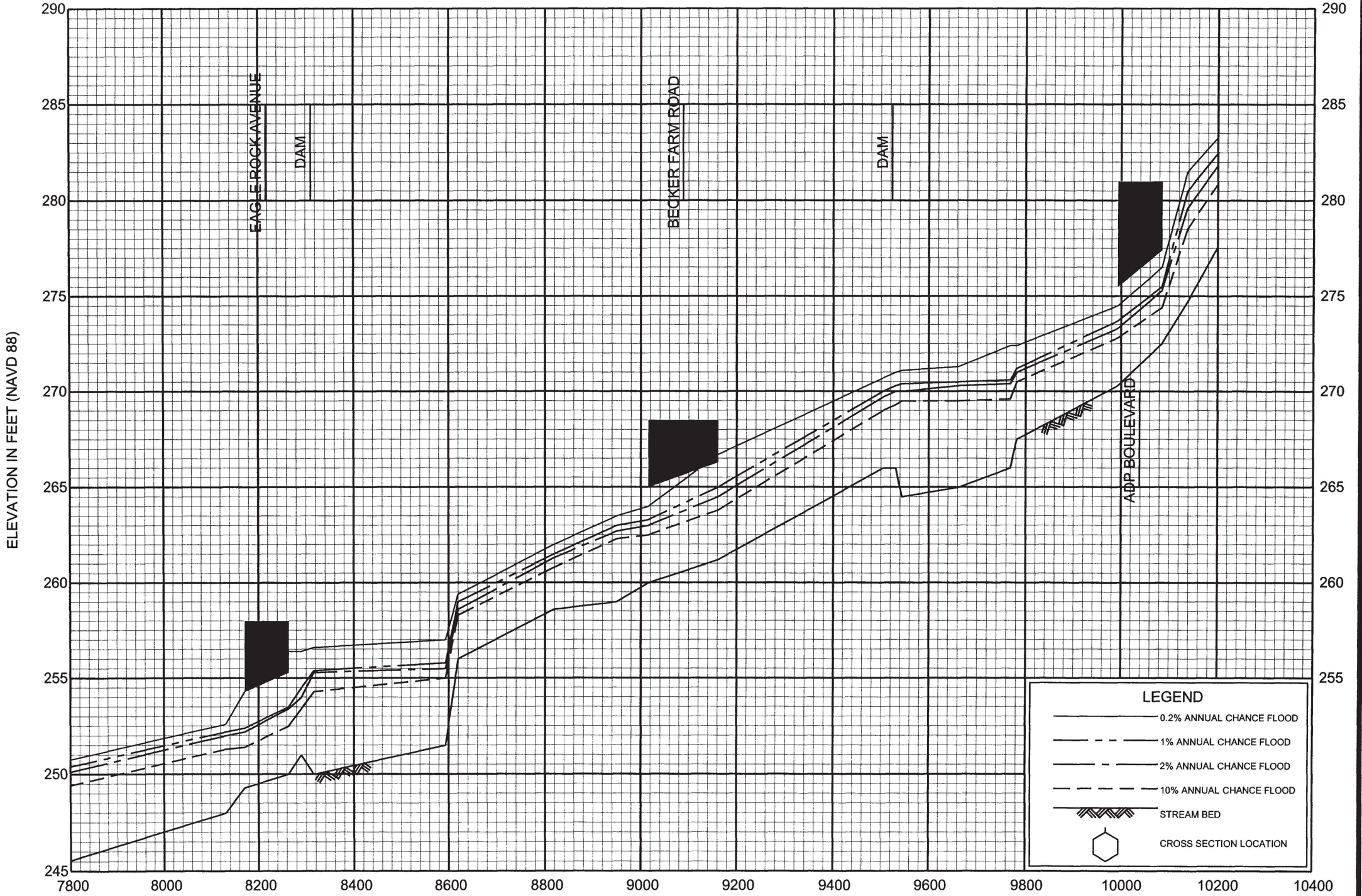
NORTH BRANCH FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

62P



FLOOD PROFILES

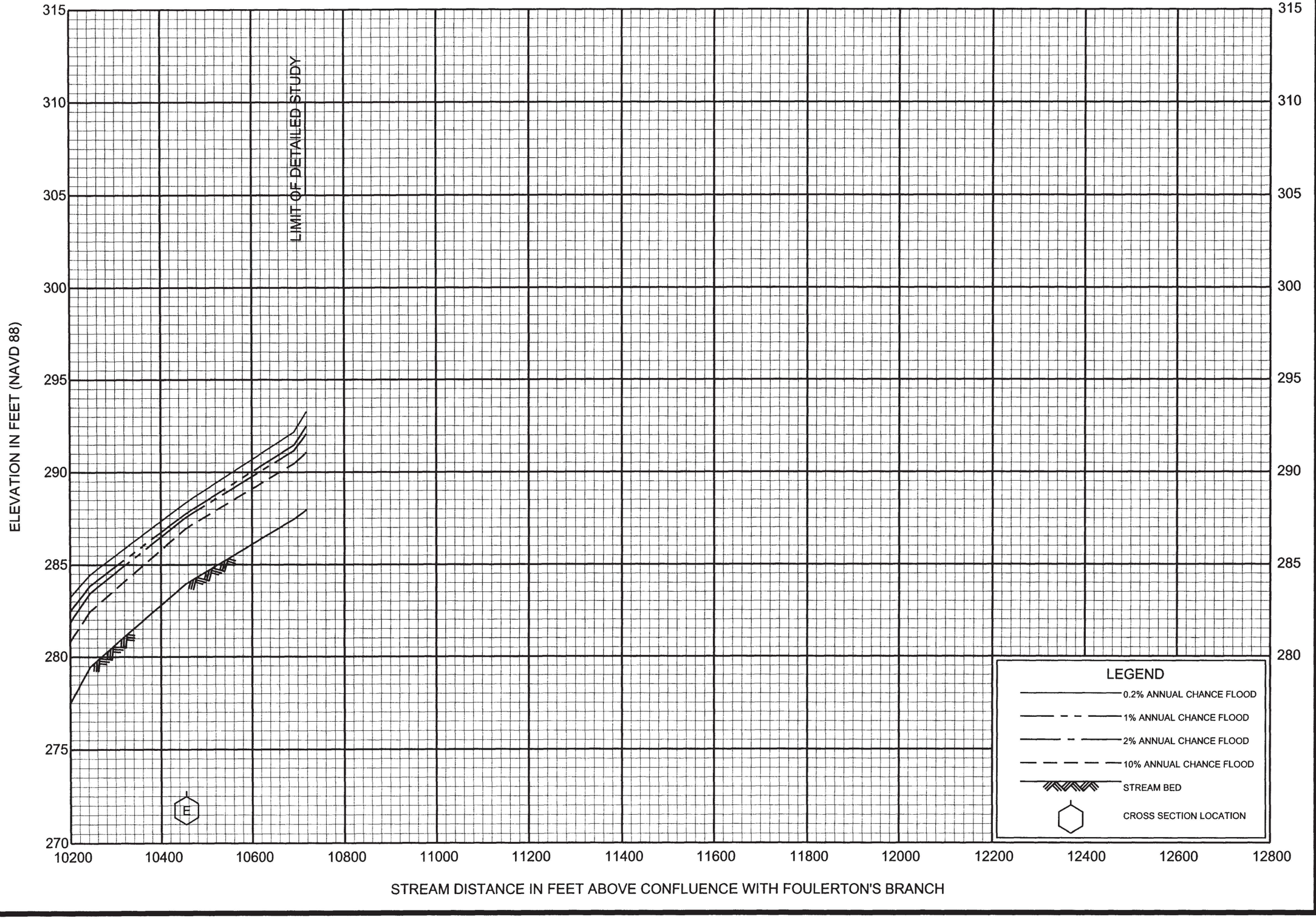
NORTH BRANCH FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

63P



FLOOD PROFILES

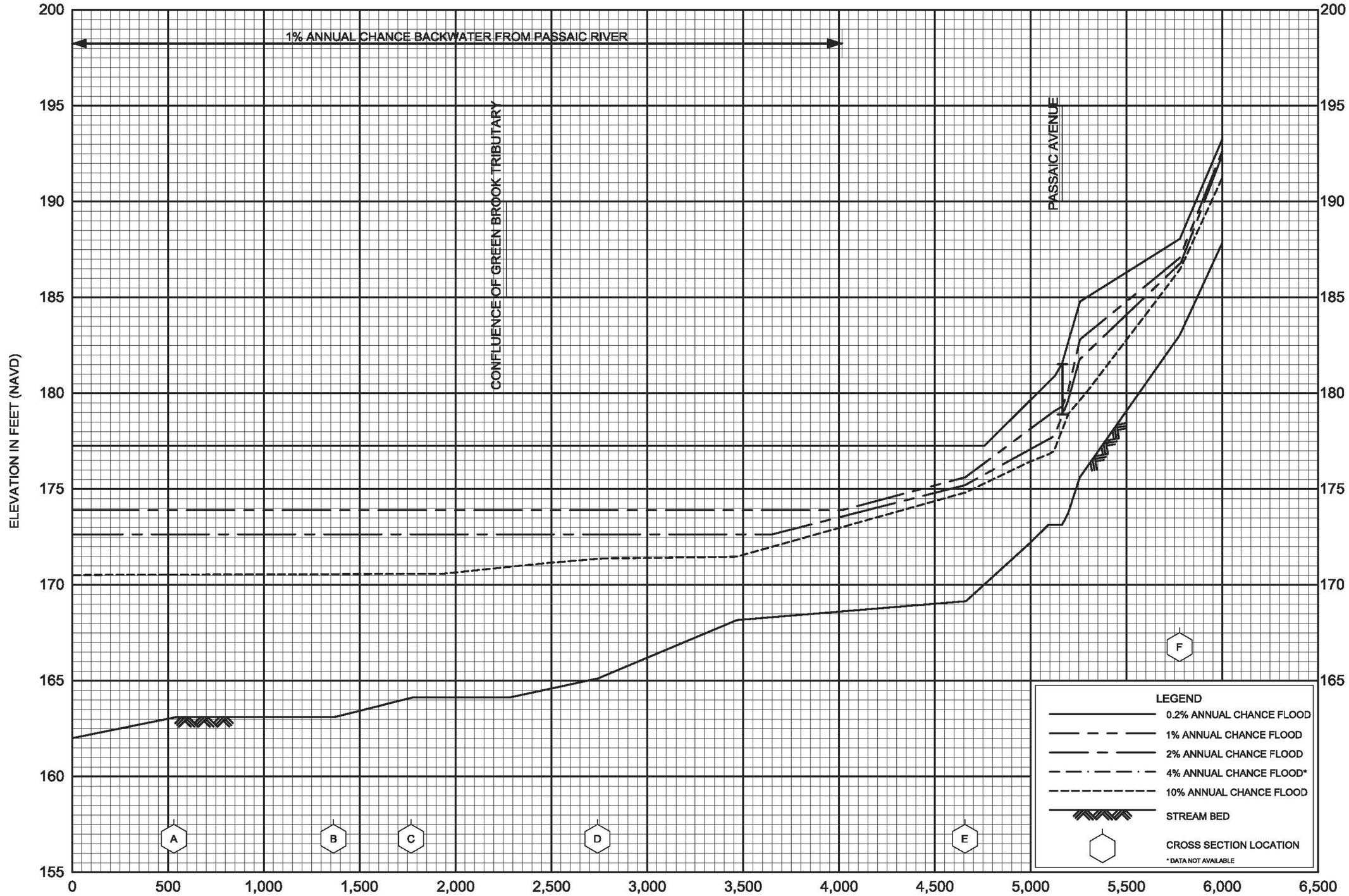
NORTH BRANCH FOULERTON'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

64P



FLOOD PROFILES

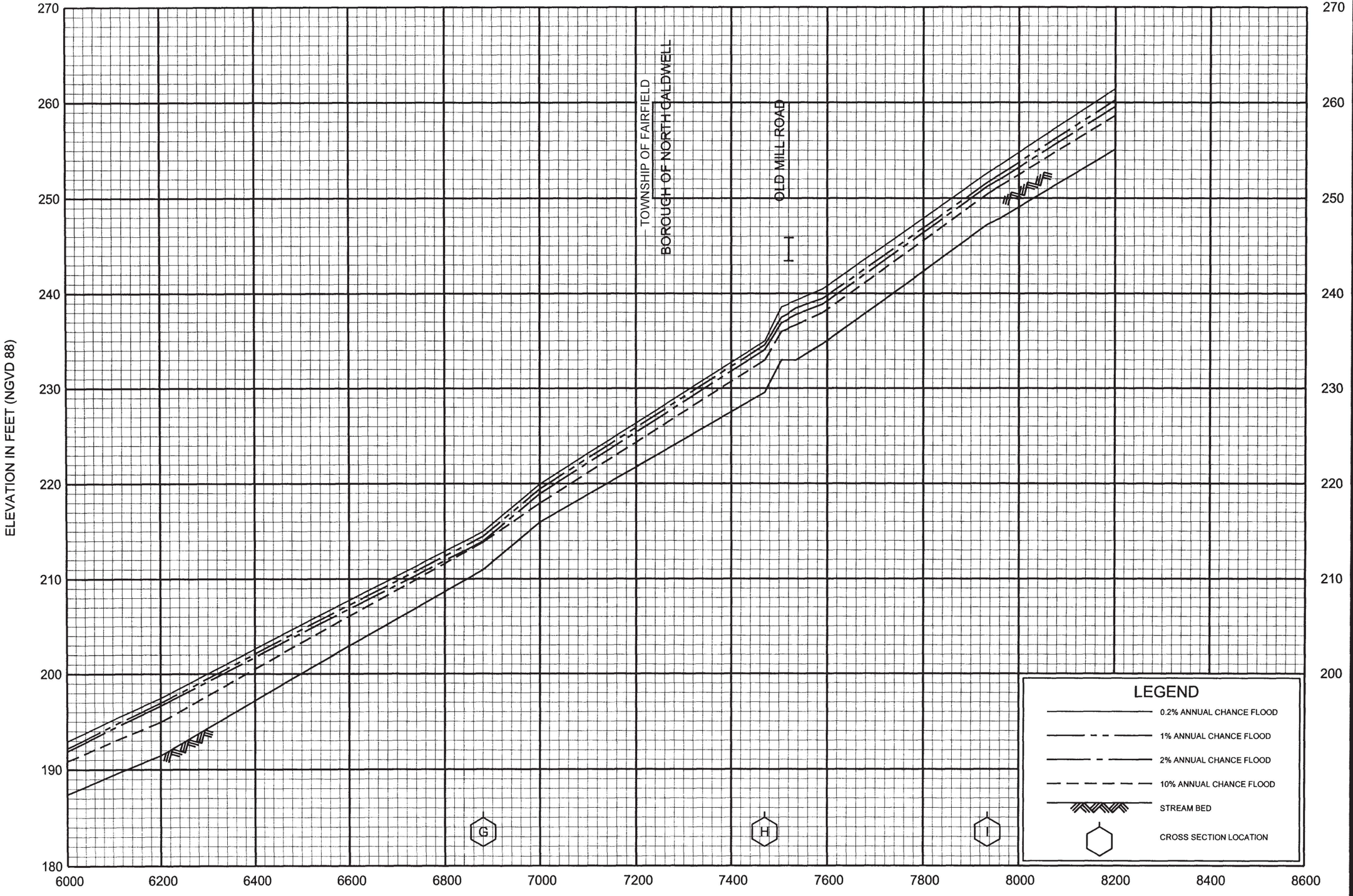
GREEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

65P



FLOOD PROFILES

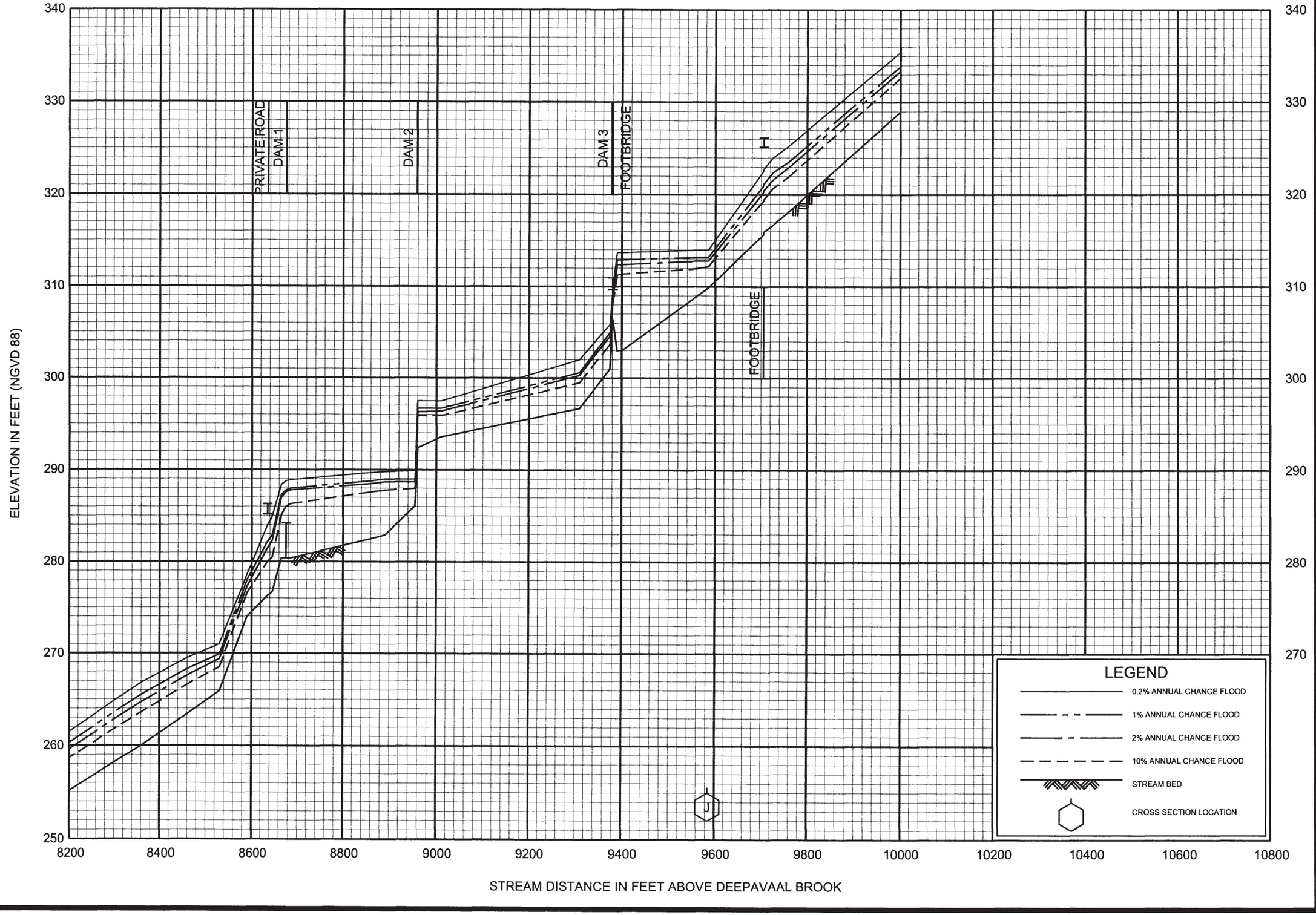
GREEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

66P



FLOOD PROFILES

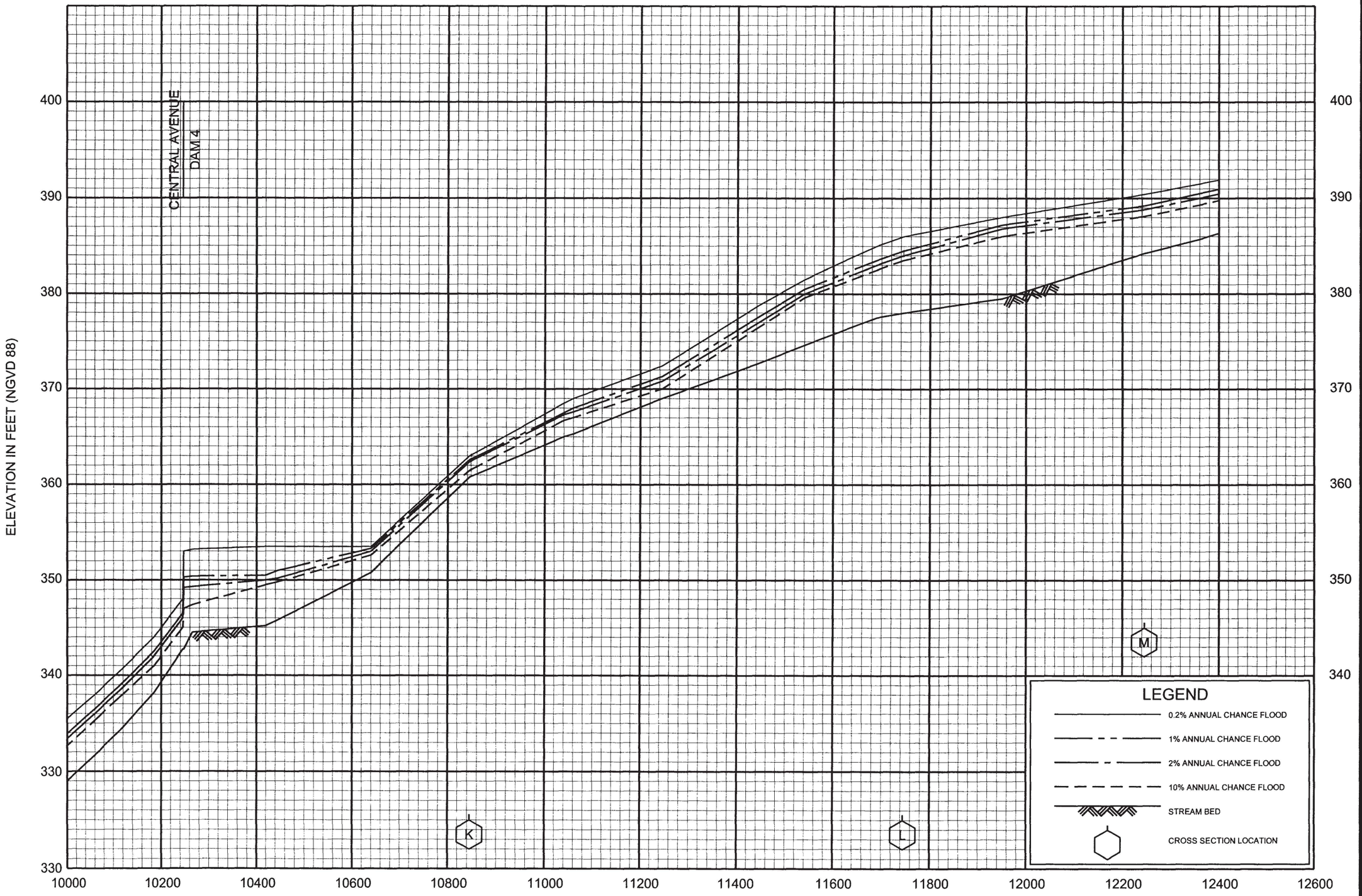
GREEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

67P



FLOOD PROFILES

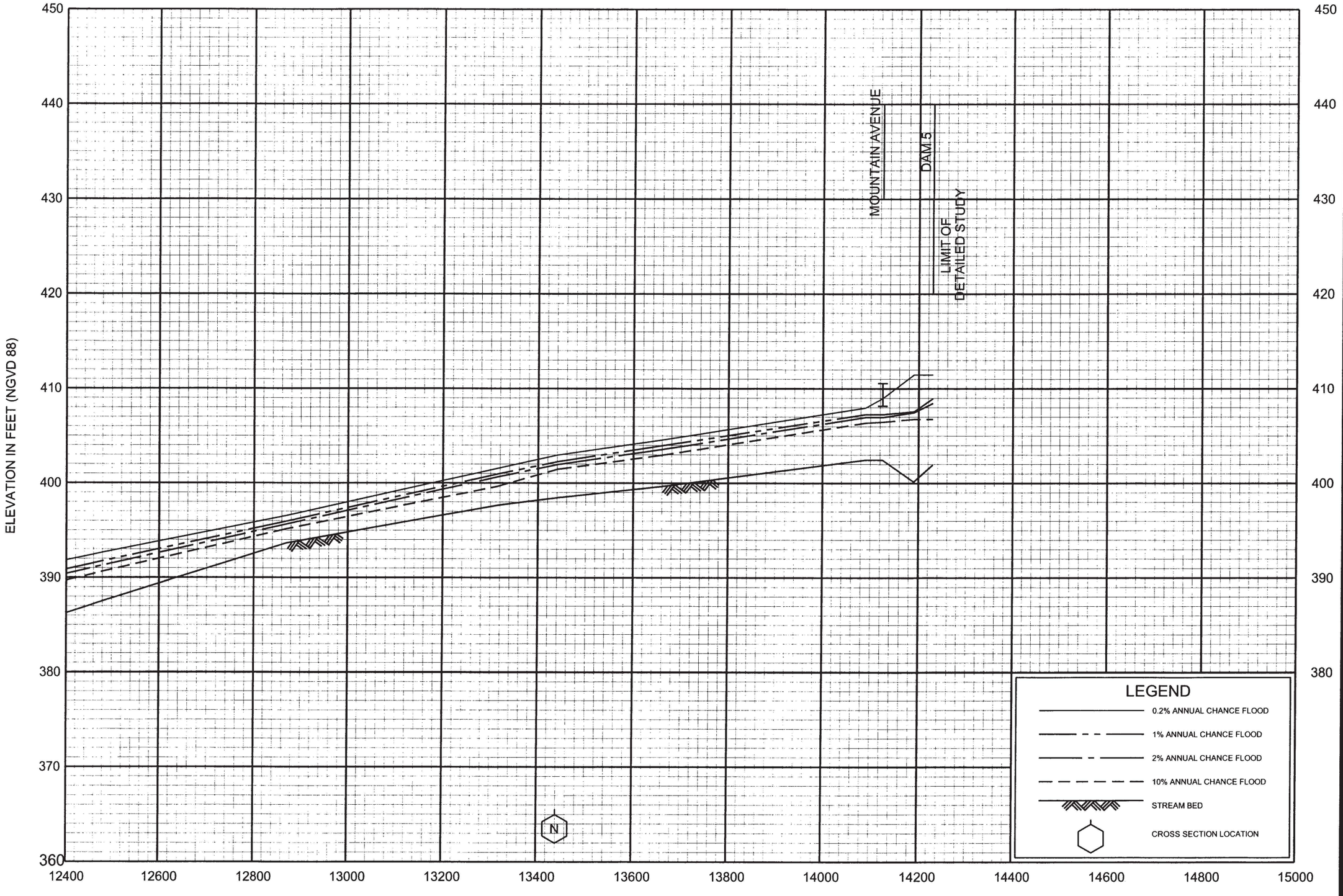
GREEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

68P



FLOOD PROFILES

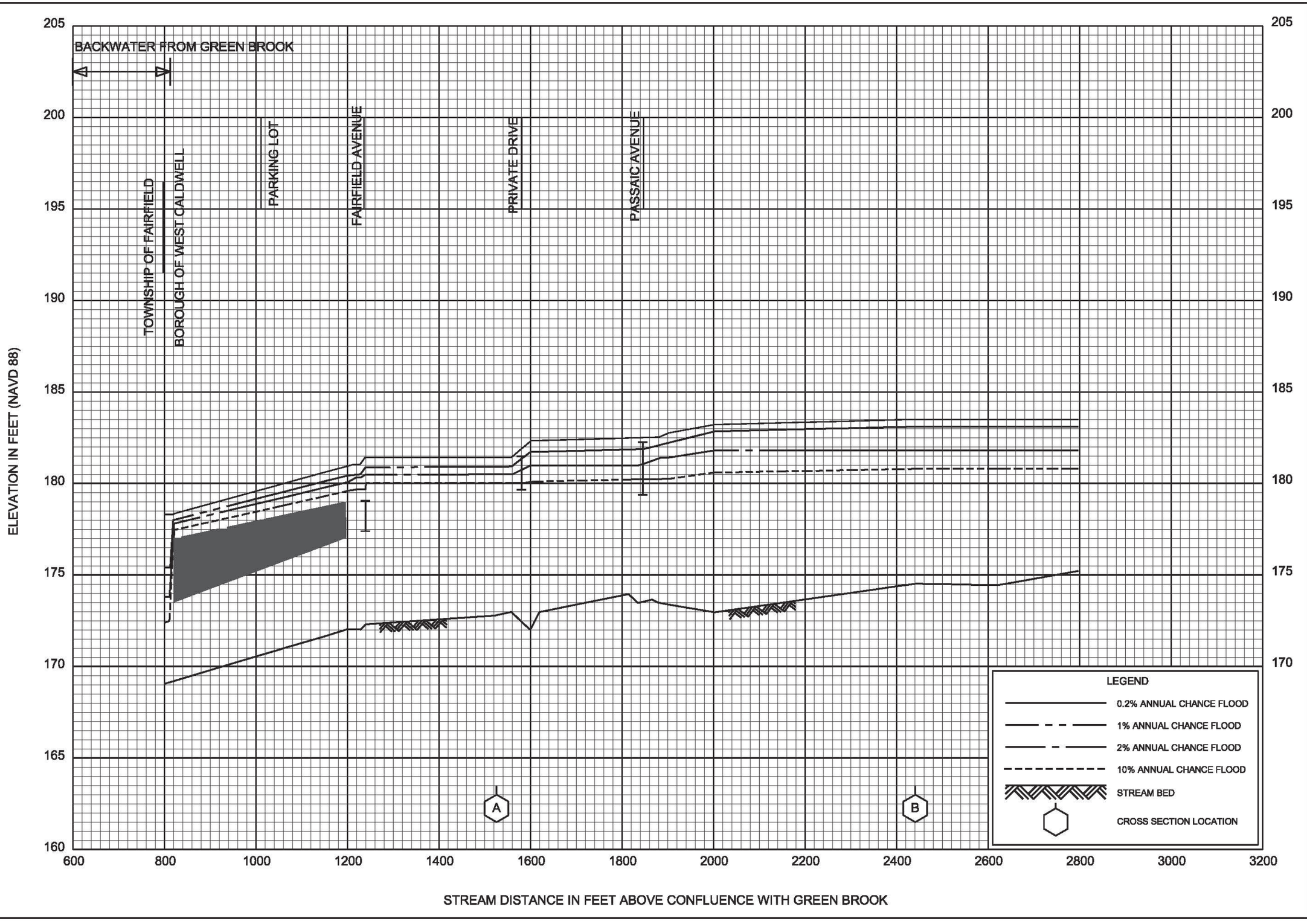
GREEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

69P



FLOOD PROFILES

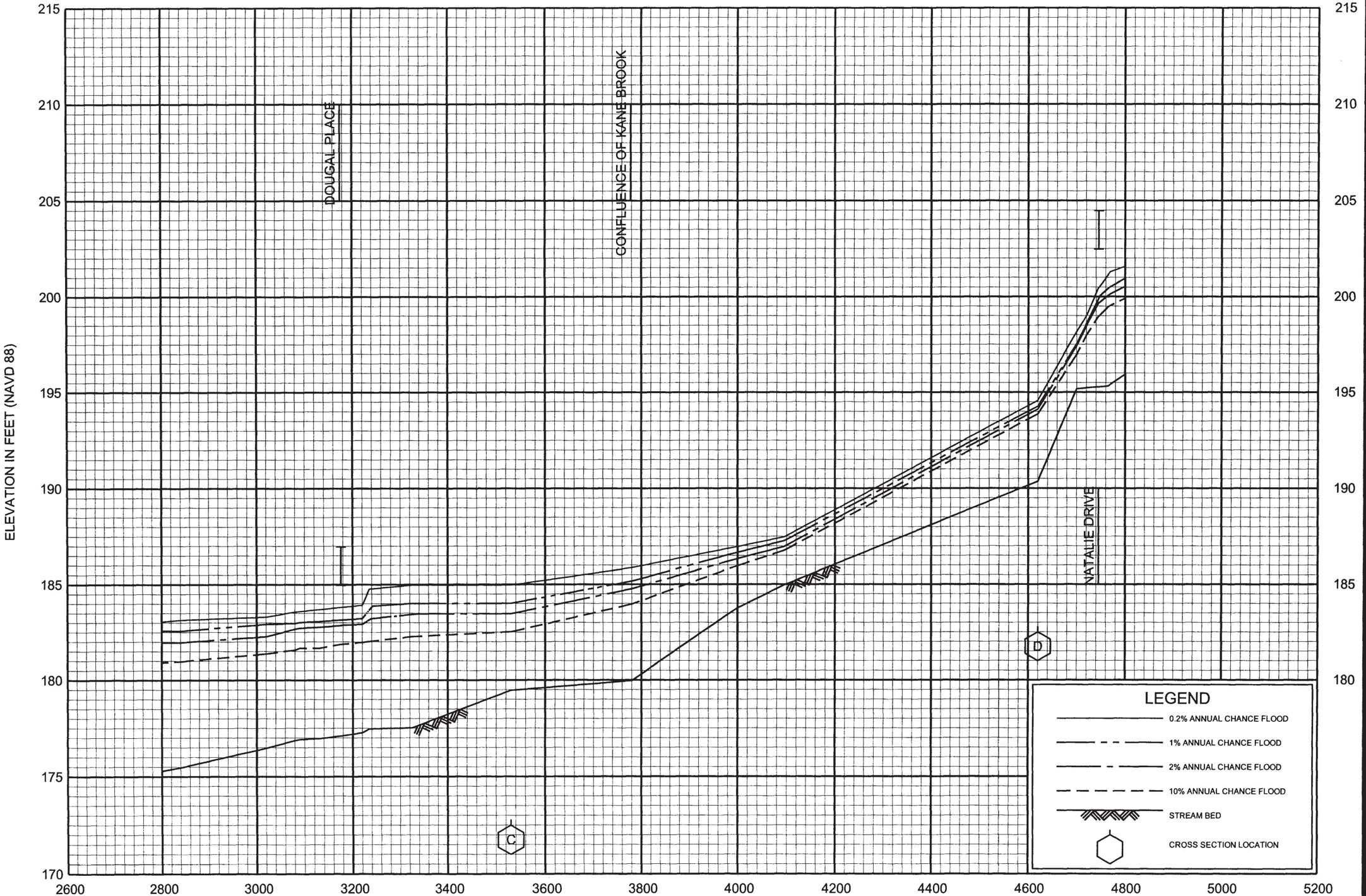
GREEN BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

70P



FLOOD PROFILES

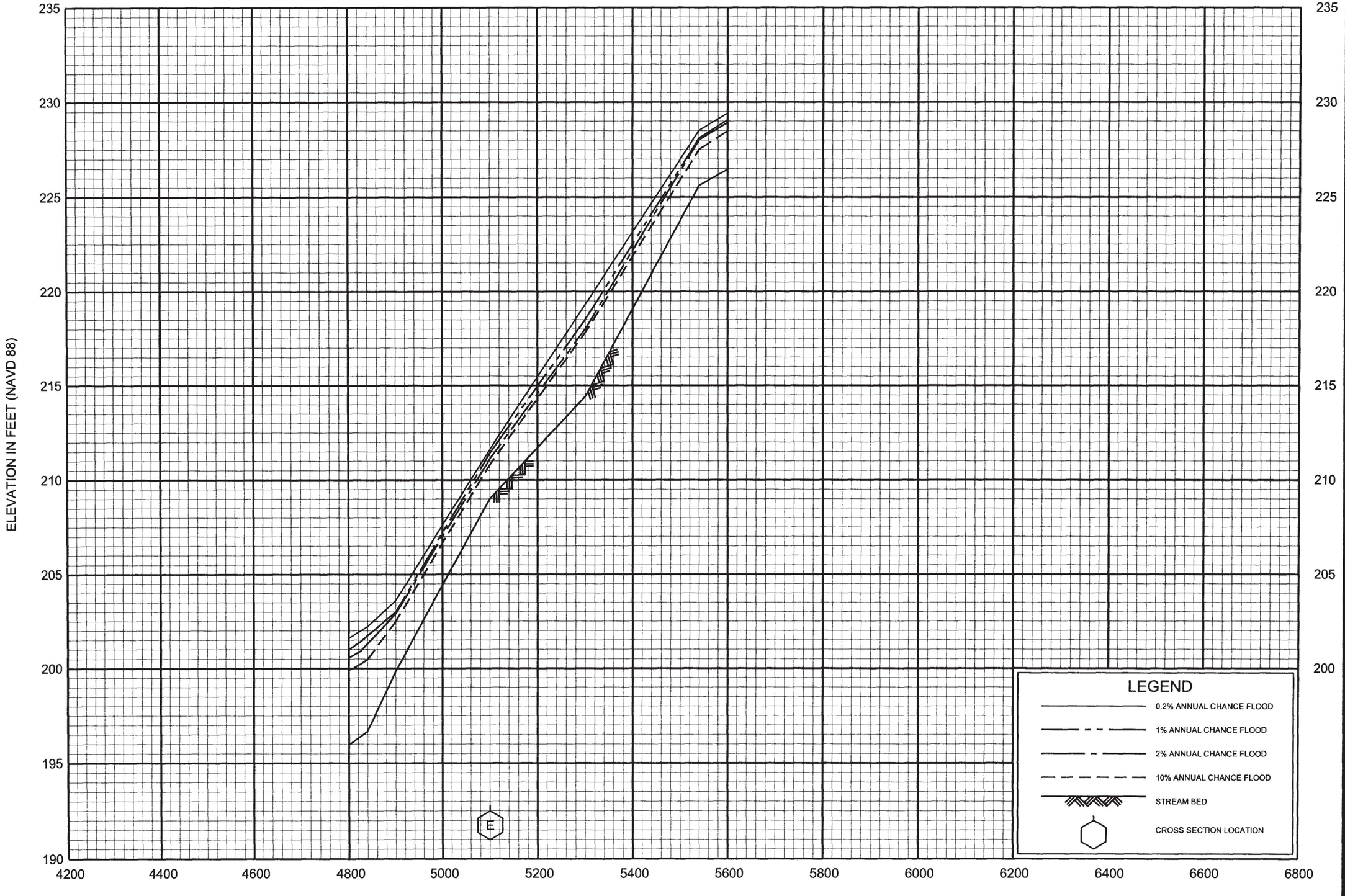
GREEN BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

71P



FLOOD PROFILES

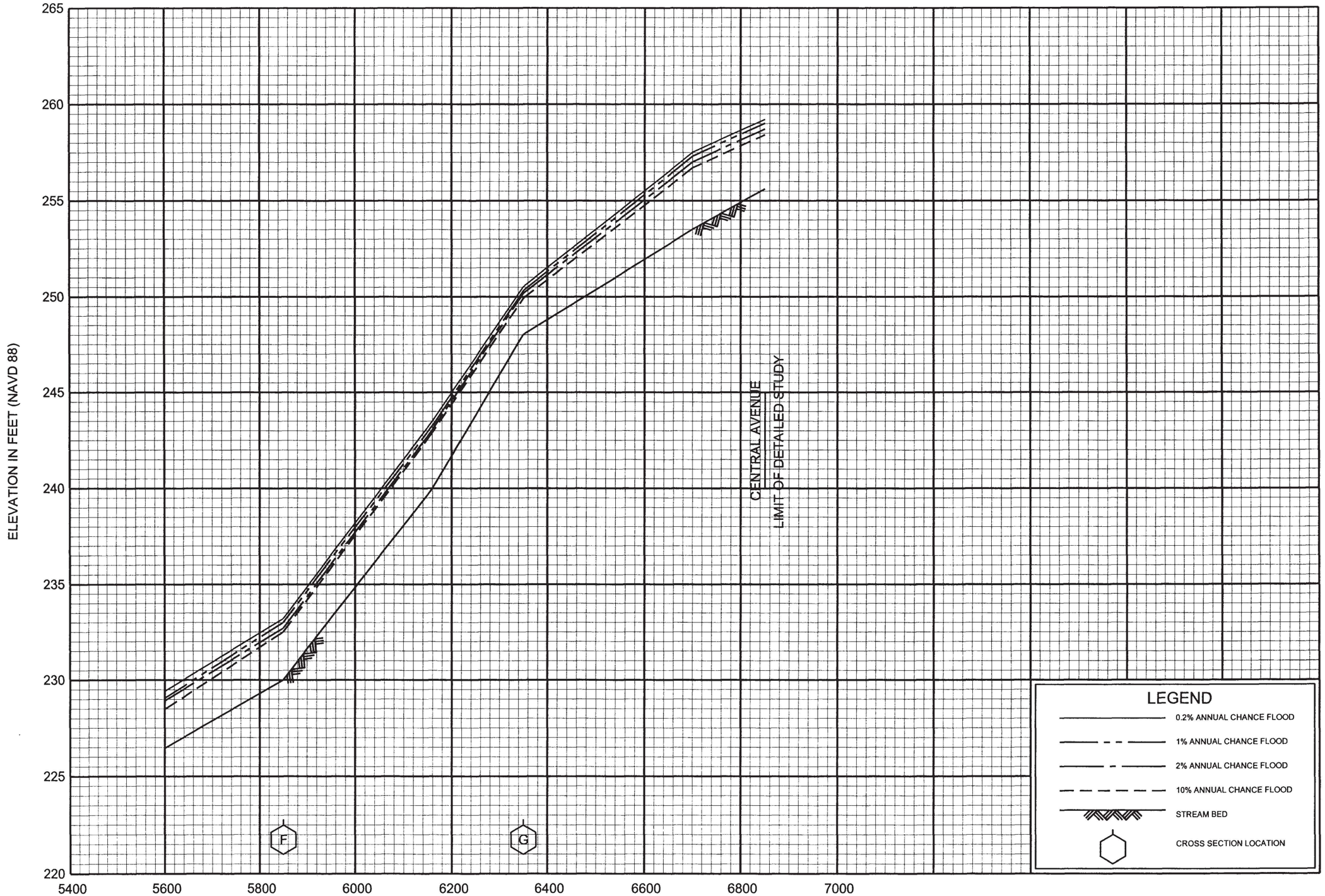
GREEN BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

72P



FLOOD PROFILES

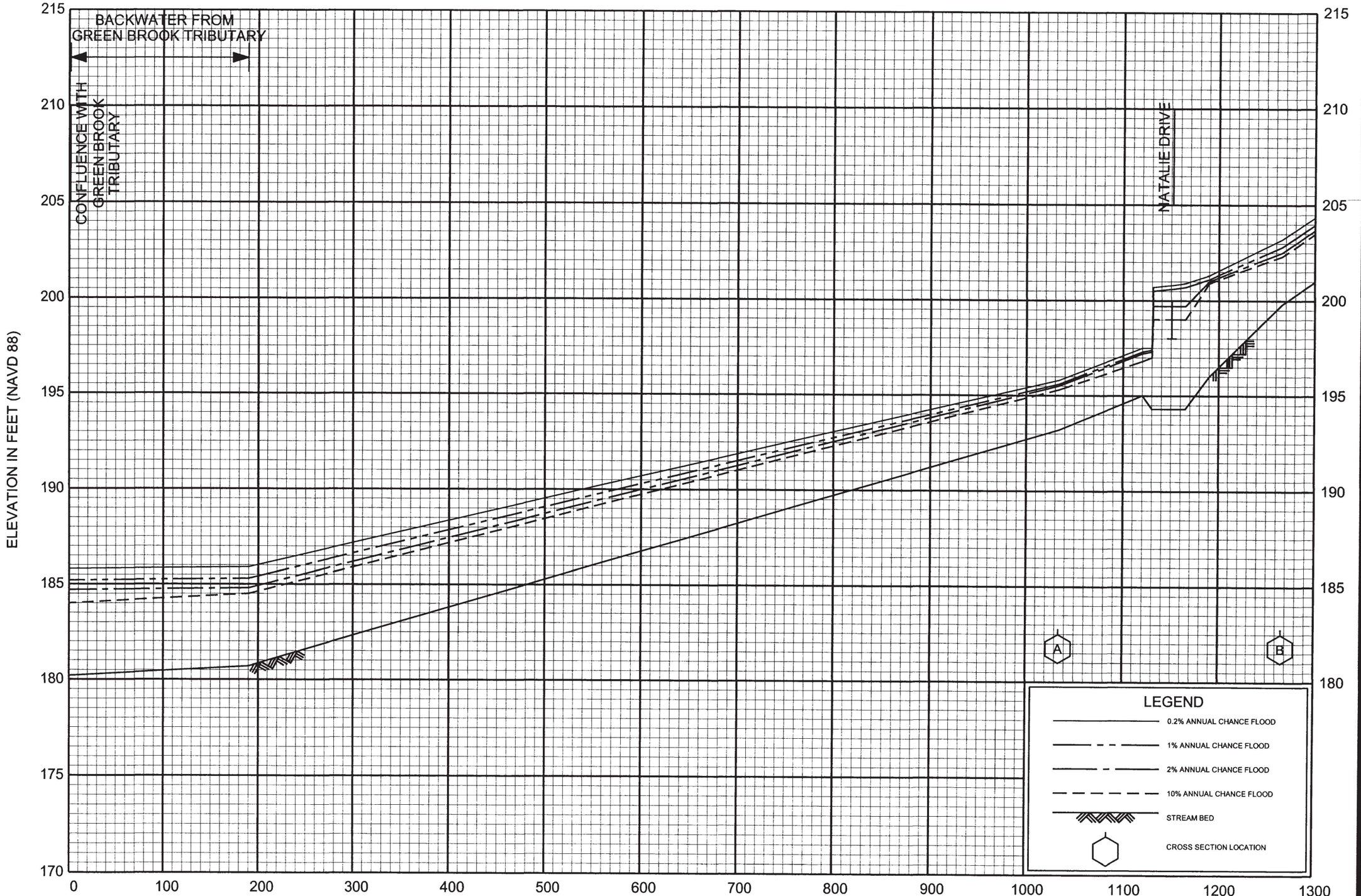
GREEN BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

73P



FLOOD PROFILES

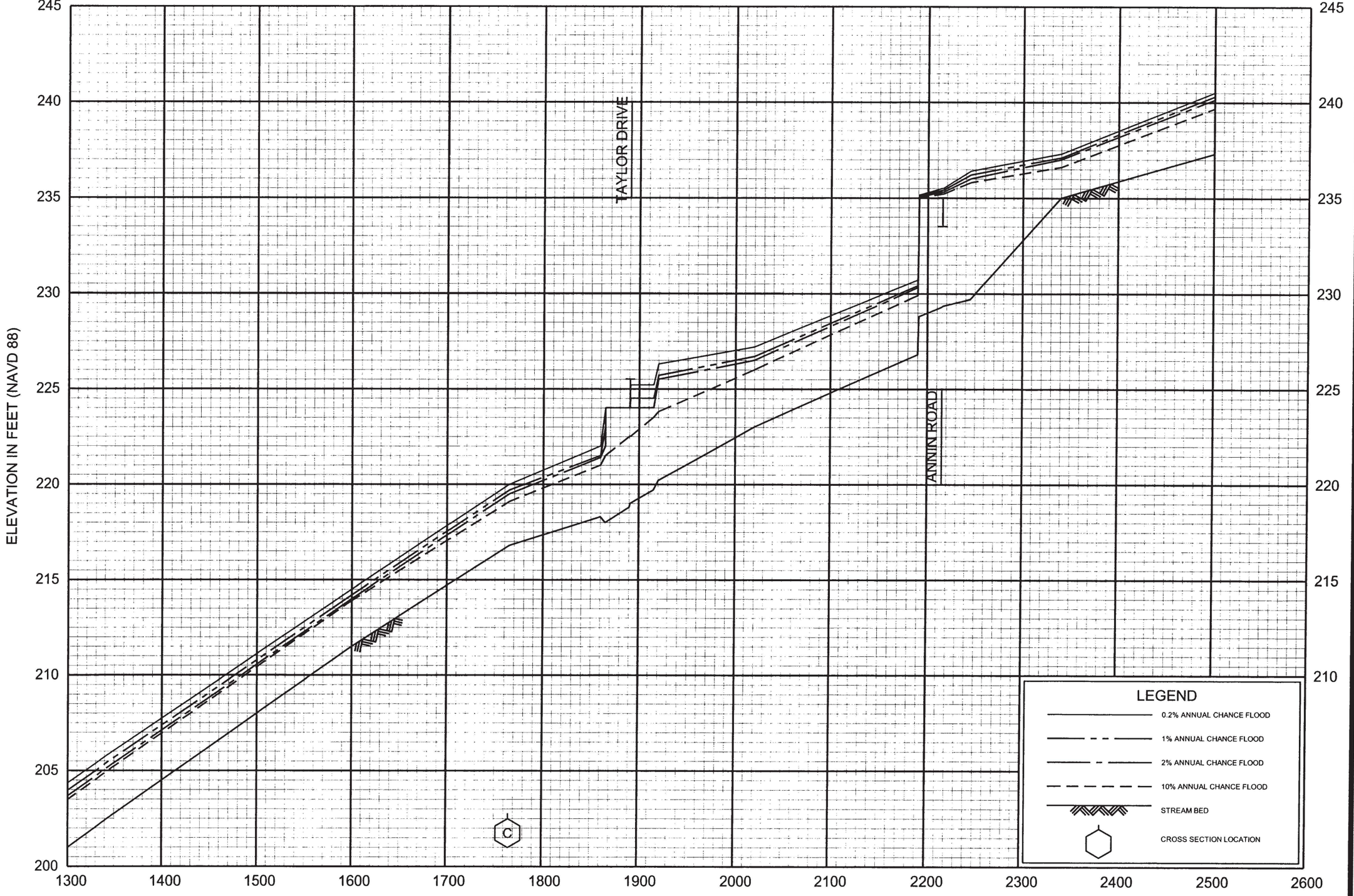
KANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

74P



FLOOD PROFILES

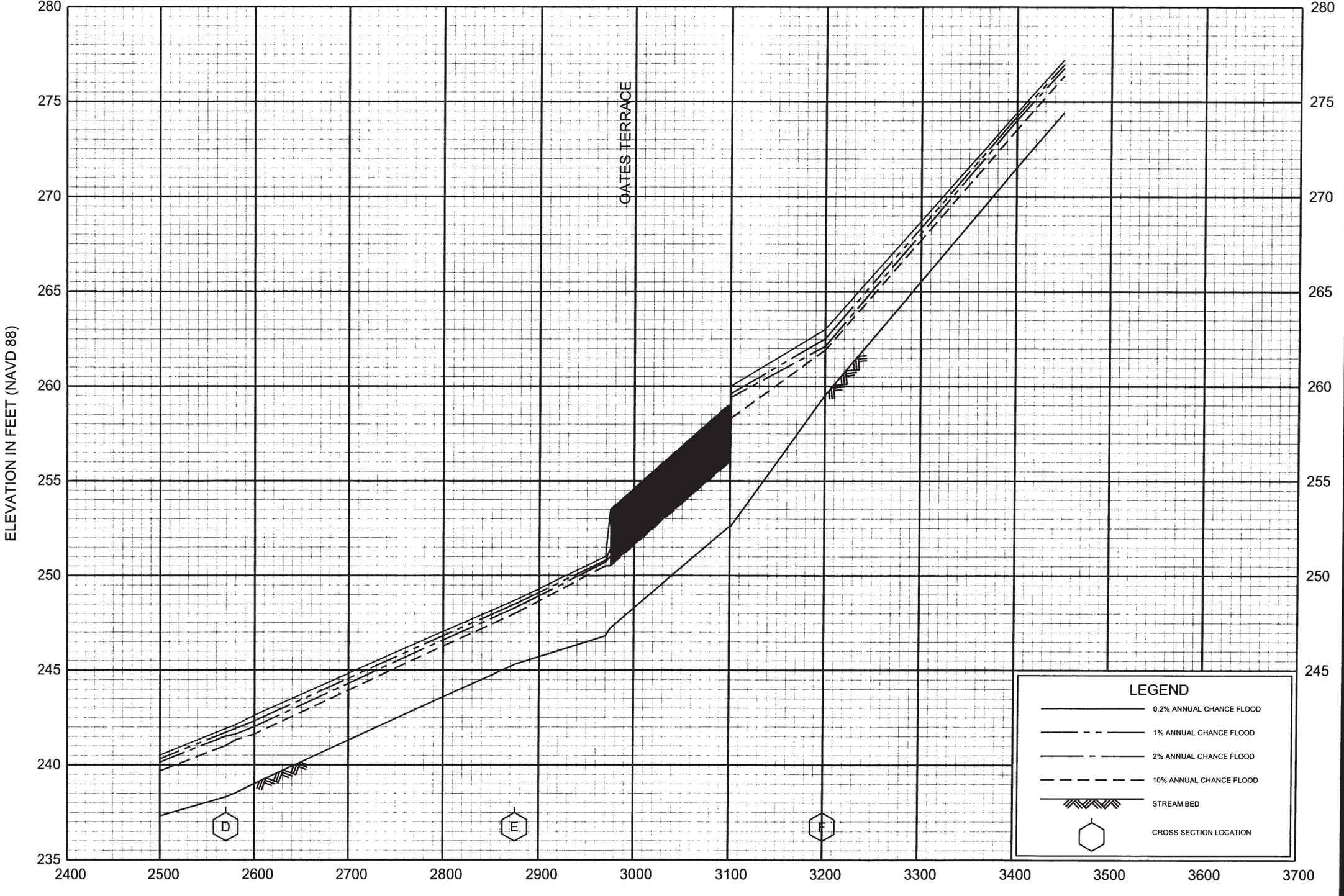
KANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

75P



FLOOD PROFILES

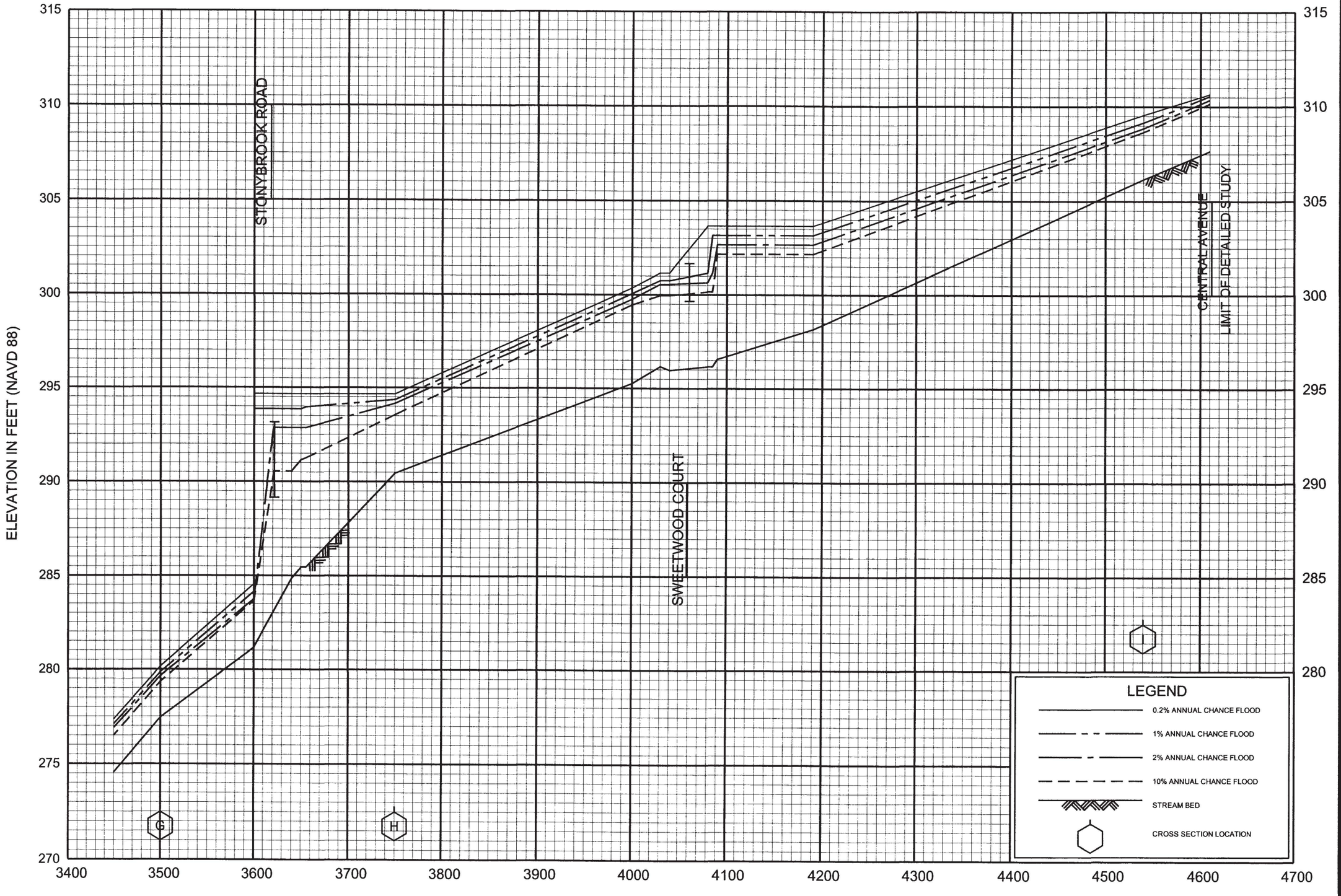
KANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

76P



FLOOD PROFILES

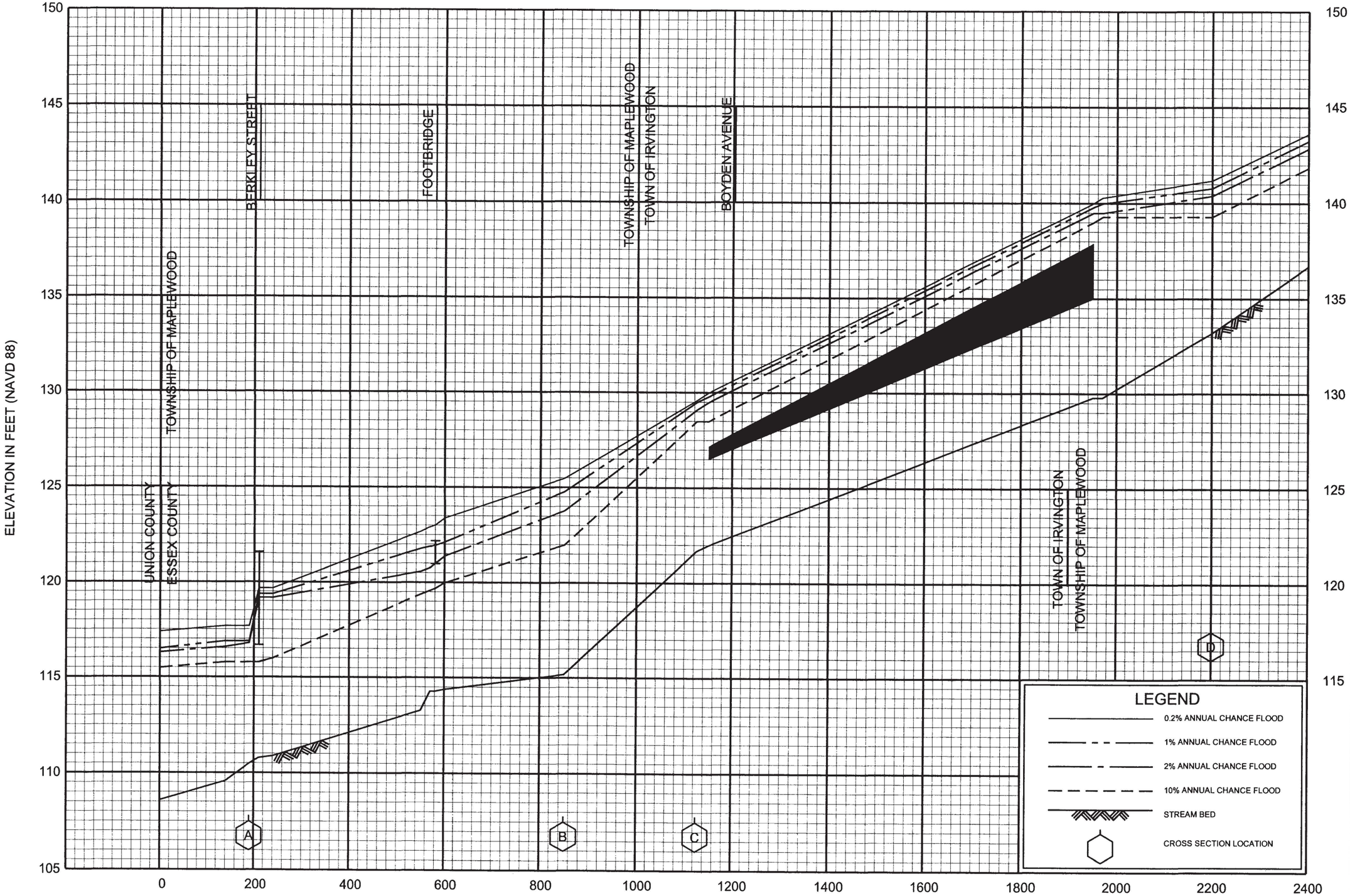
KANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

77P



FLOOD PROFILES

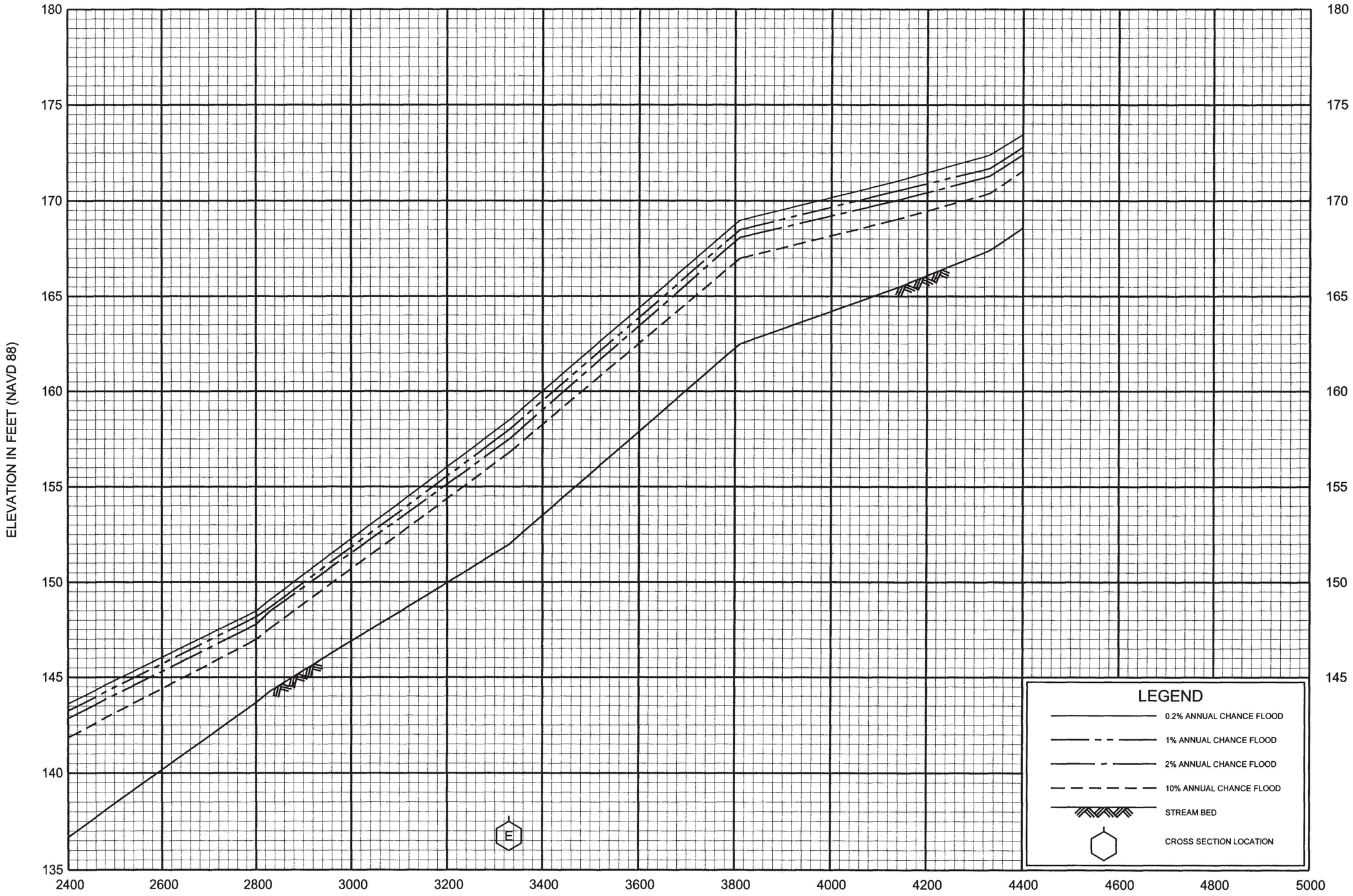
LIGHTNING BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

78P



FLOOD PROFILES

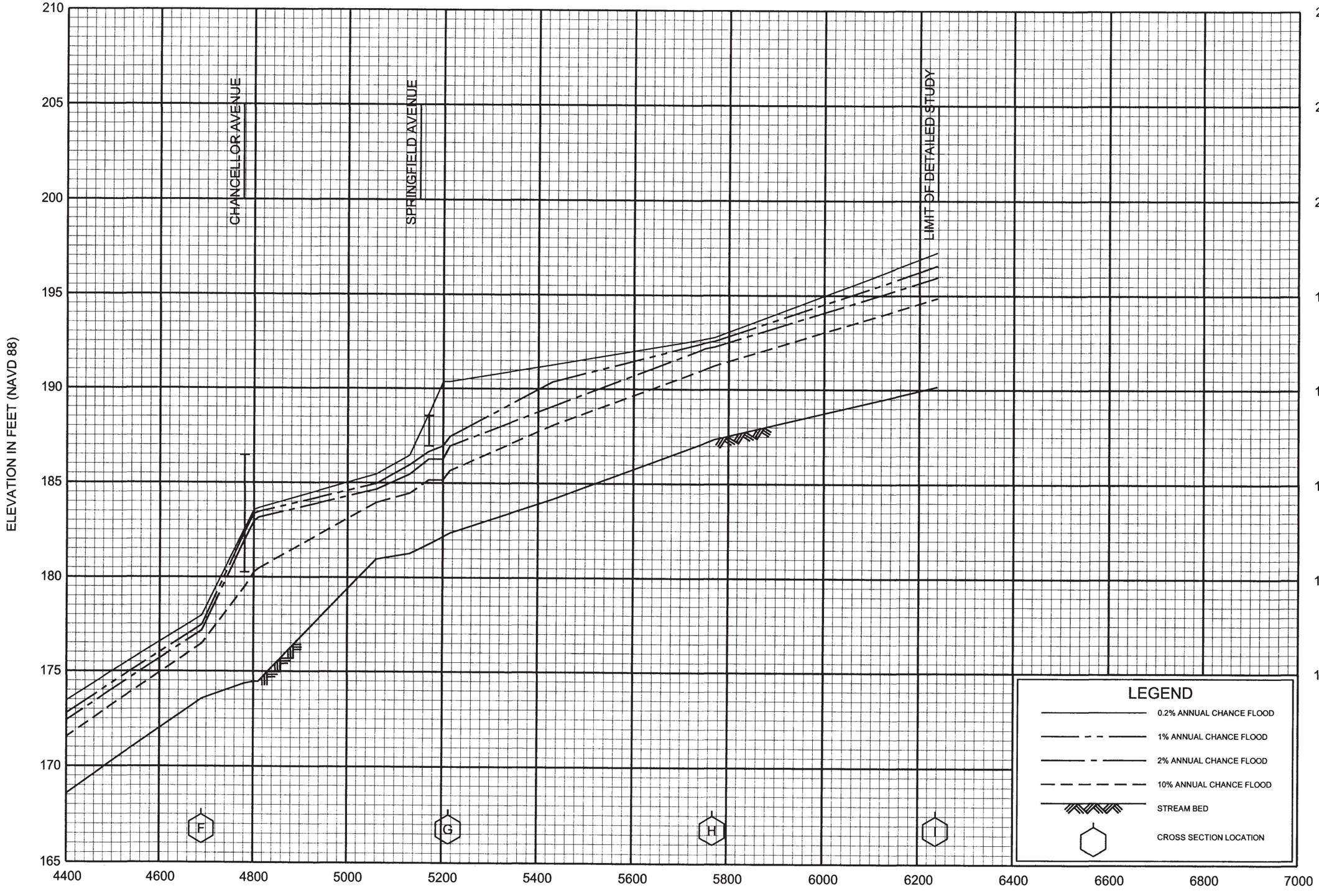
LIGHTNING BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

79P



FLOOD PROFILES

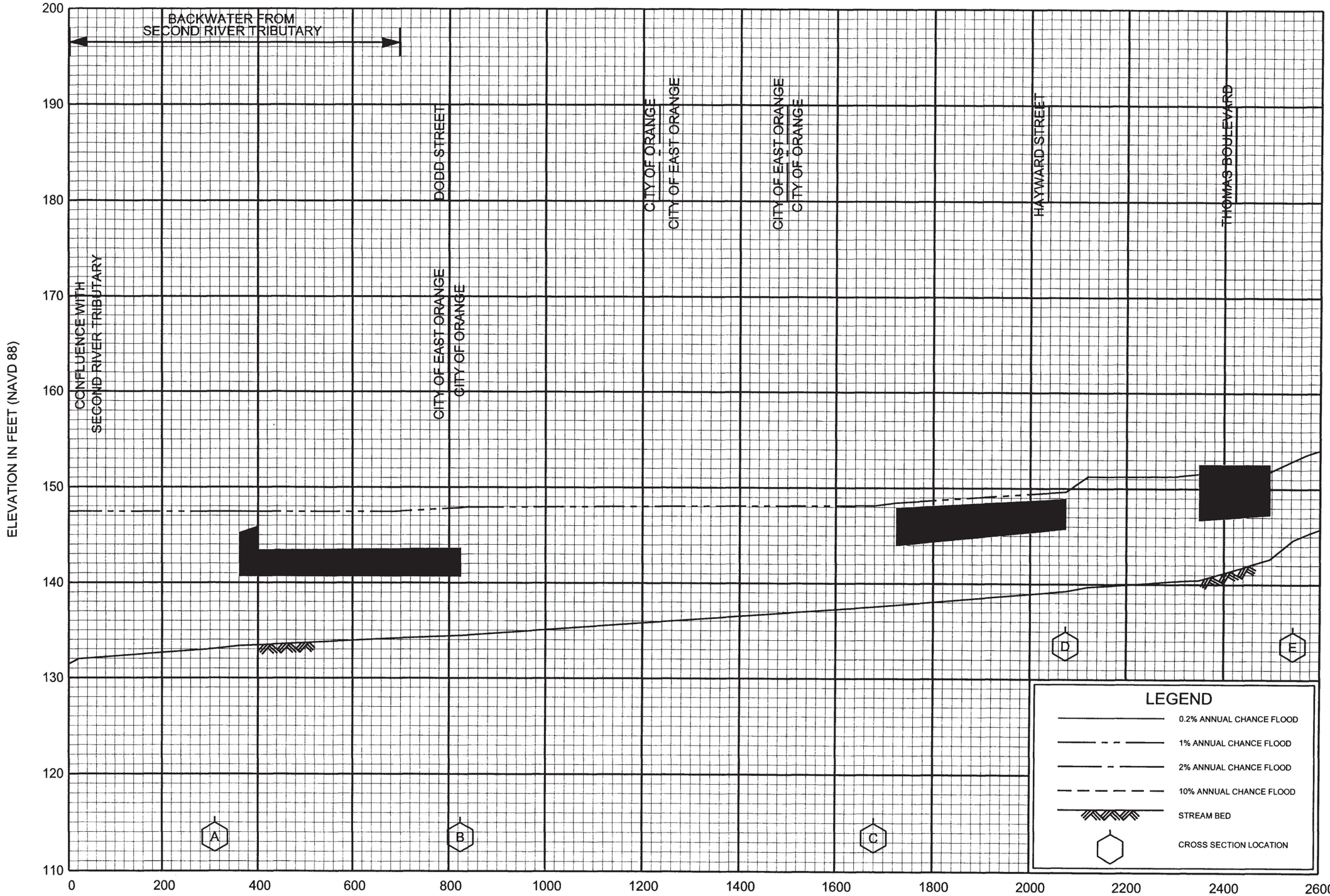
LIGHTNING BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

80P



FLOOD PROFILES

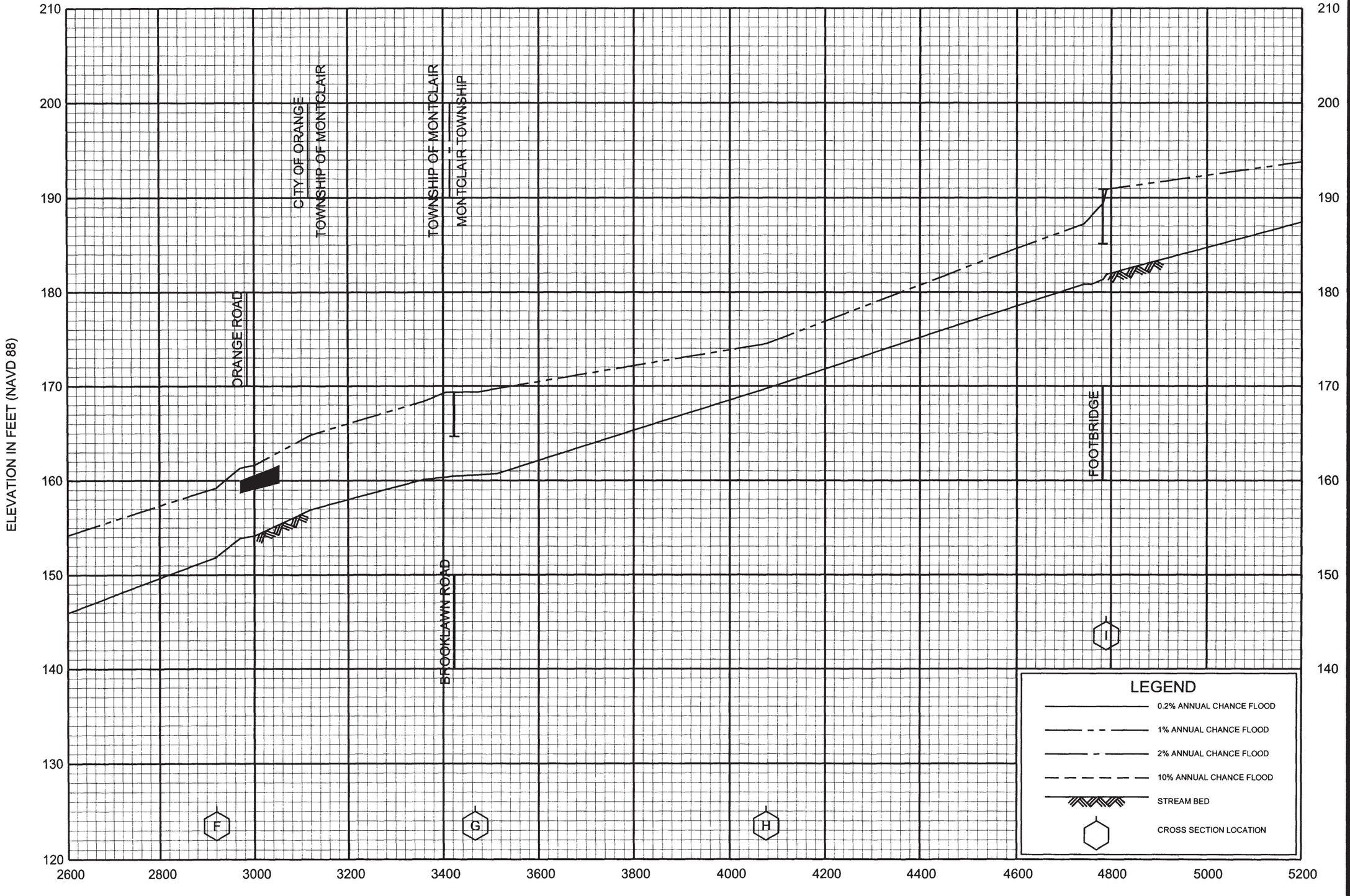
NISHUANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

81P



FLOOD PROFILES

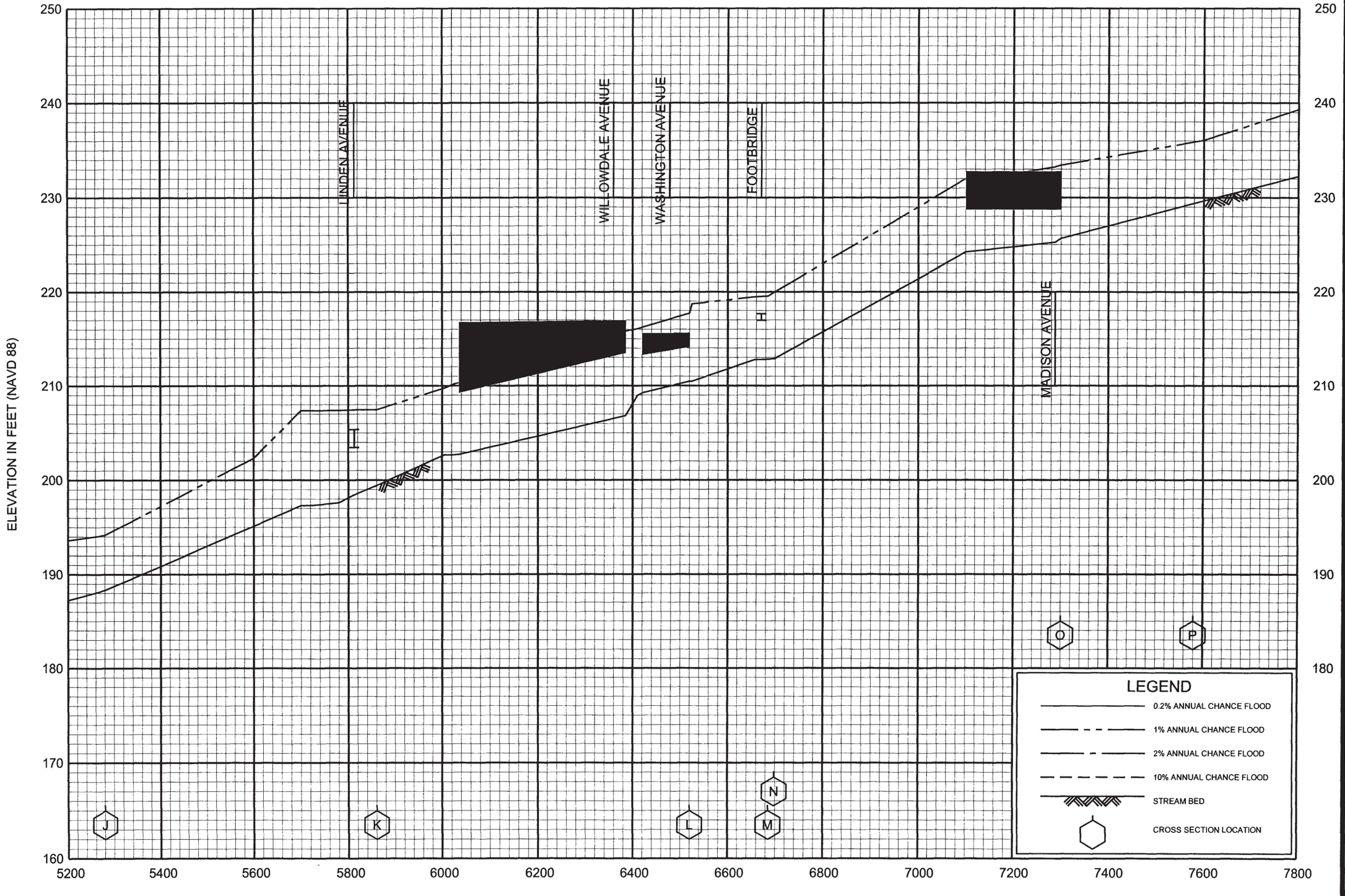
NISHUANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

82P



FLOOD PROFILES

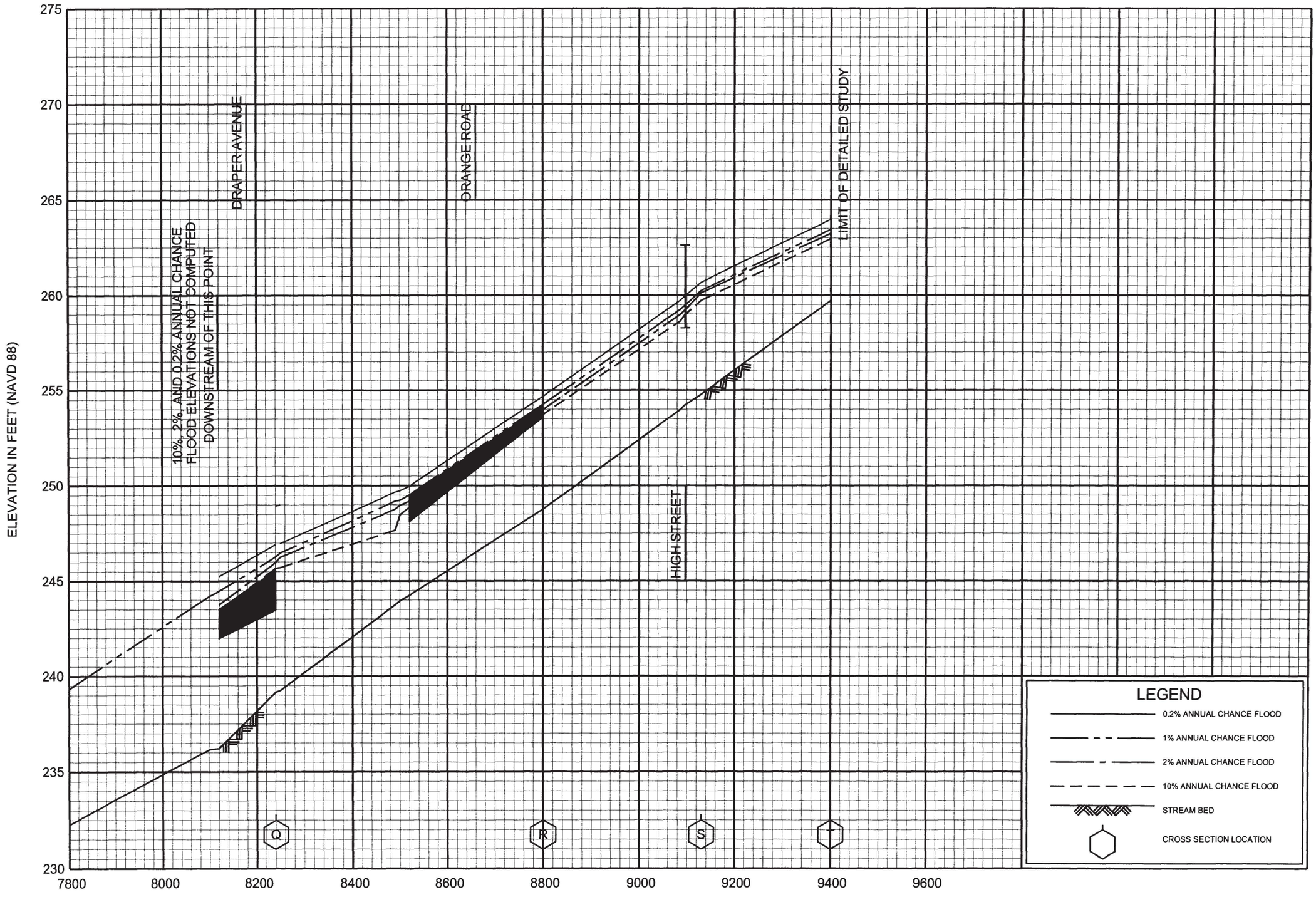
NISHUANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

83P



FLOOD PROFILES

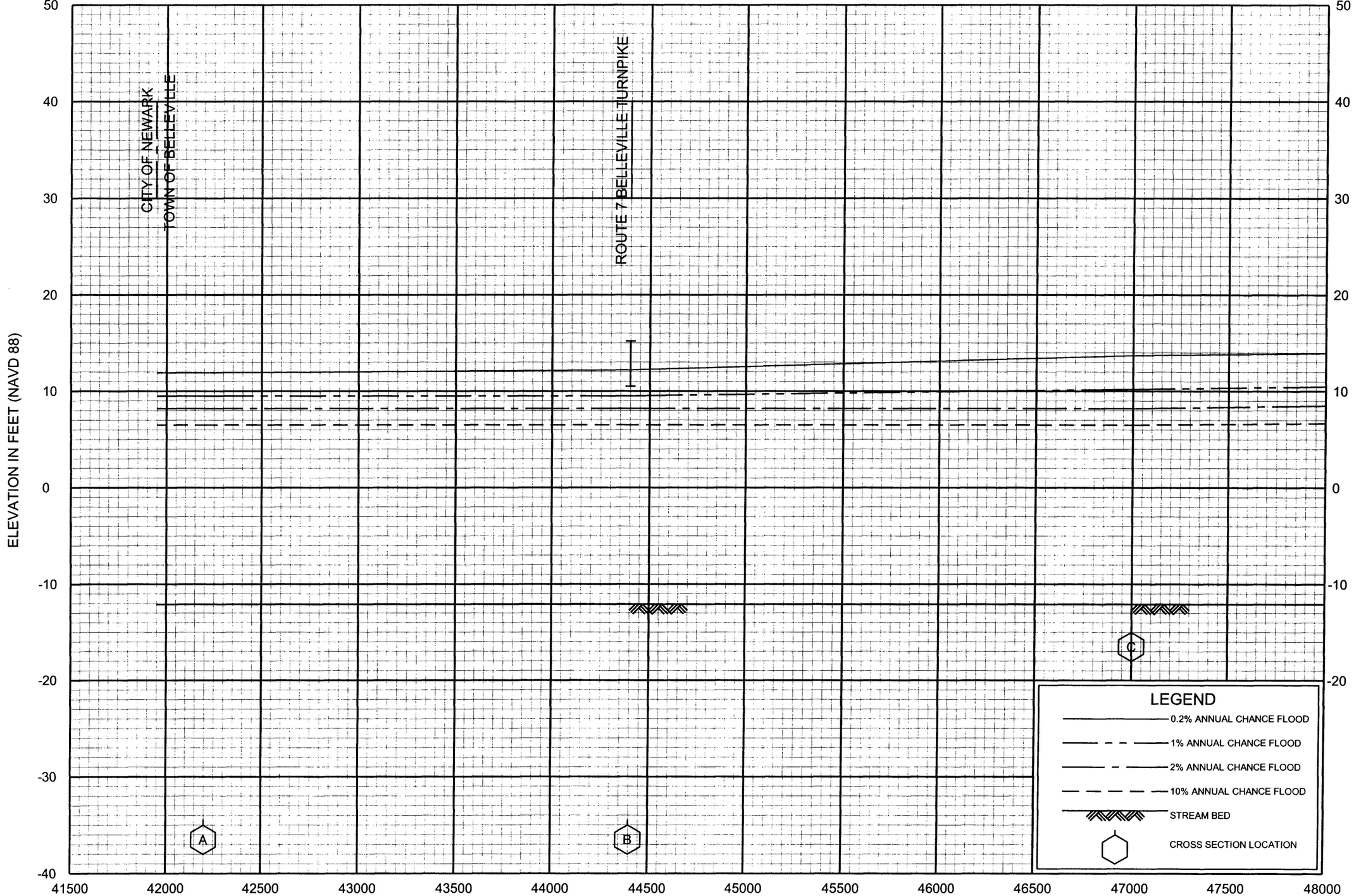
NISHUANE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

84P



FLOOD PROFILES

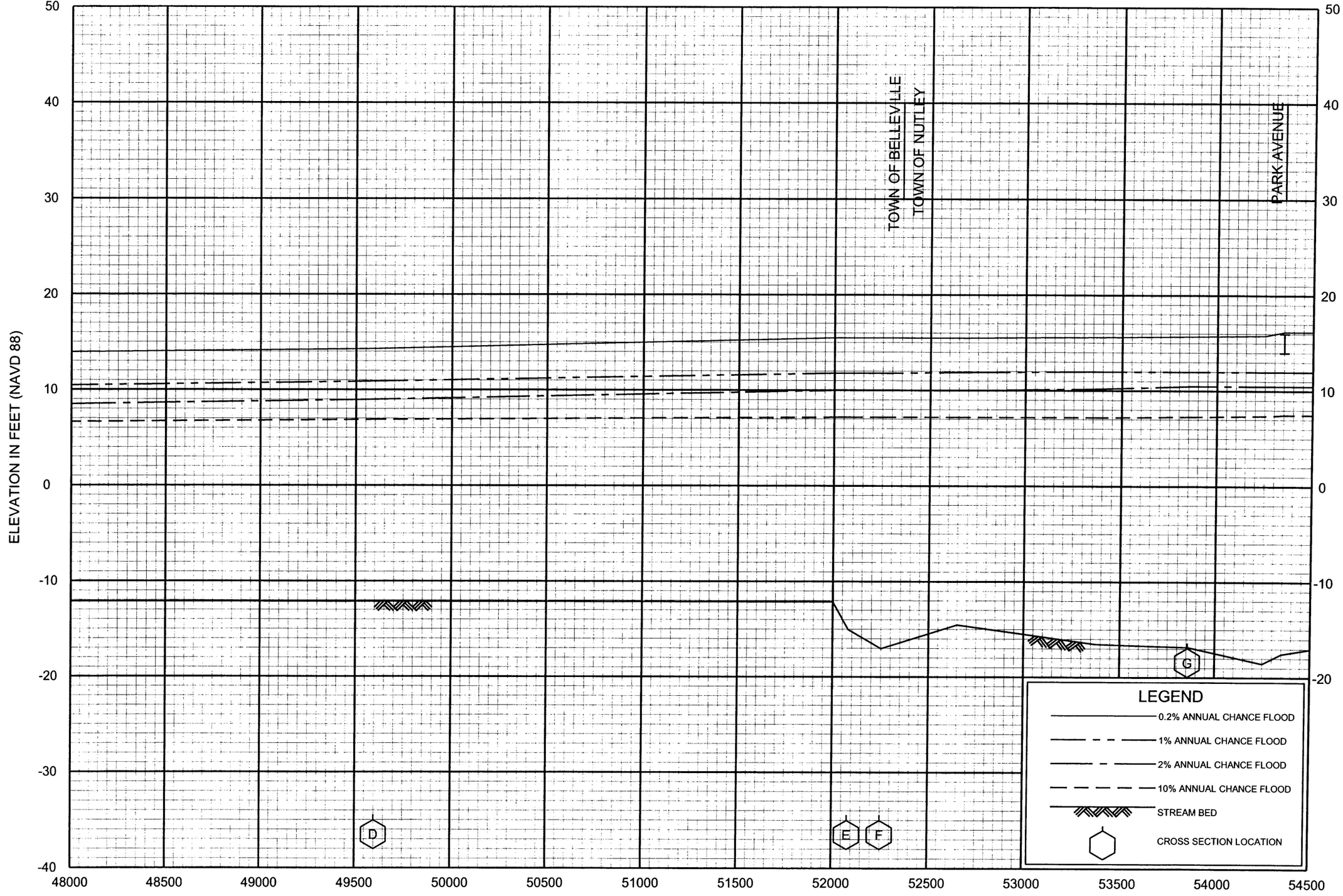
PASSAIC RIVER (DOWNSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

85P



FLOOD PROFILES

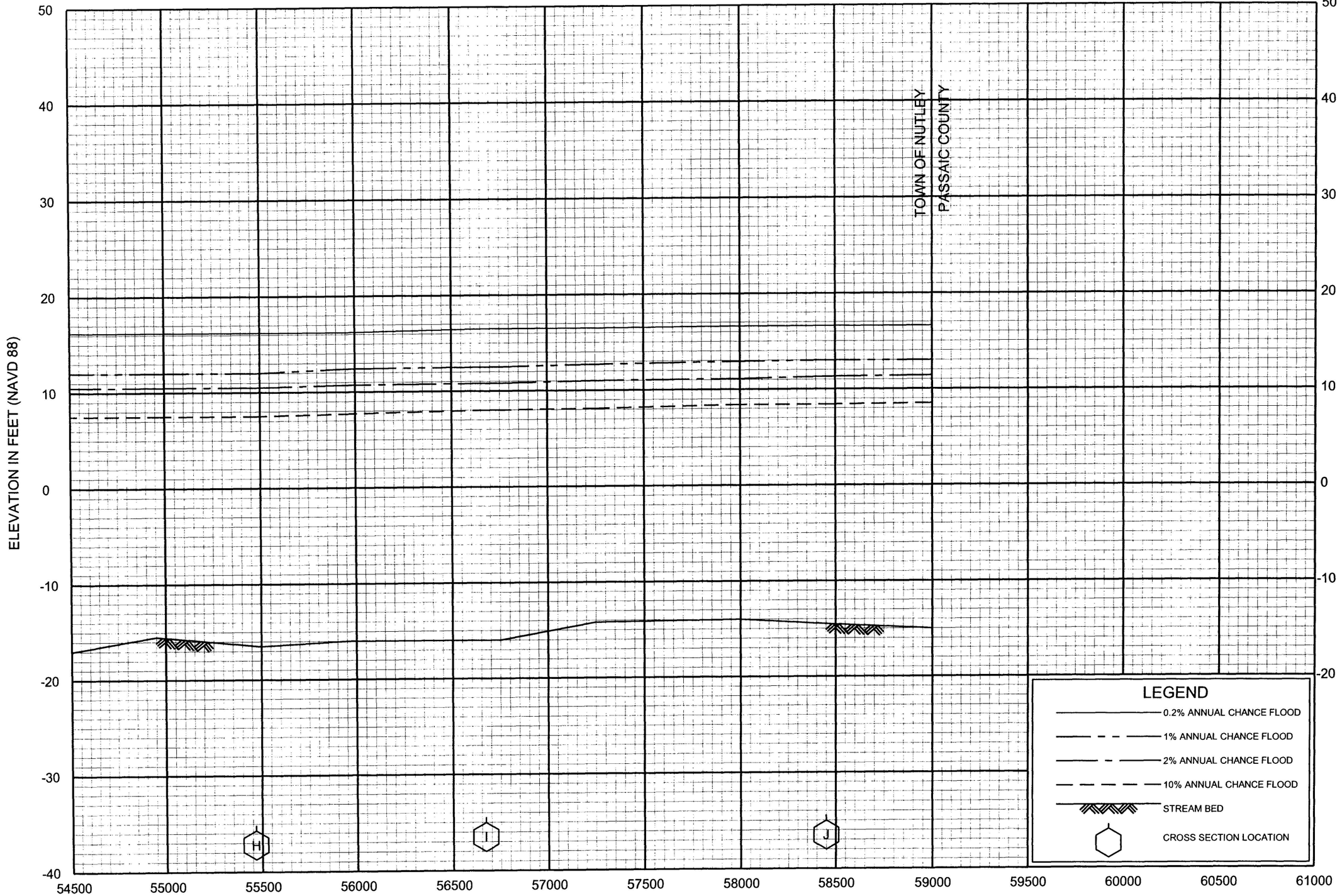
PASSAIC RIVER (DOWNSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

86P



FLOOD PROFILES

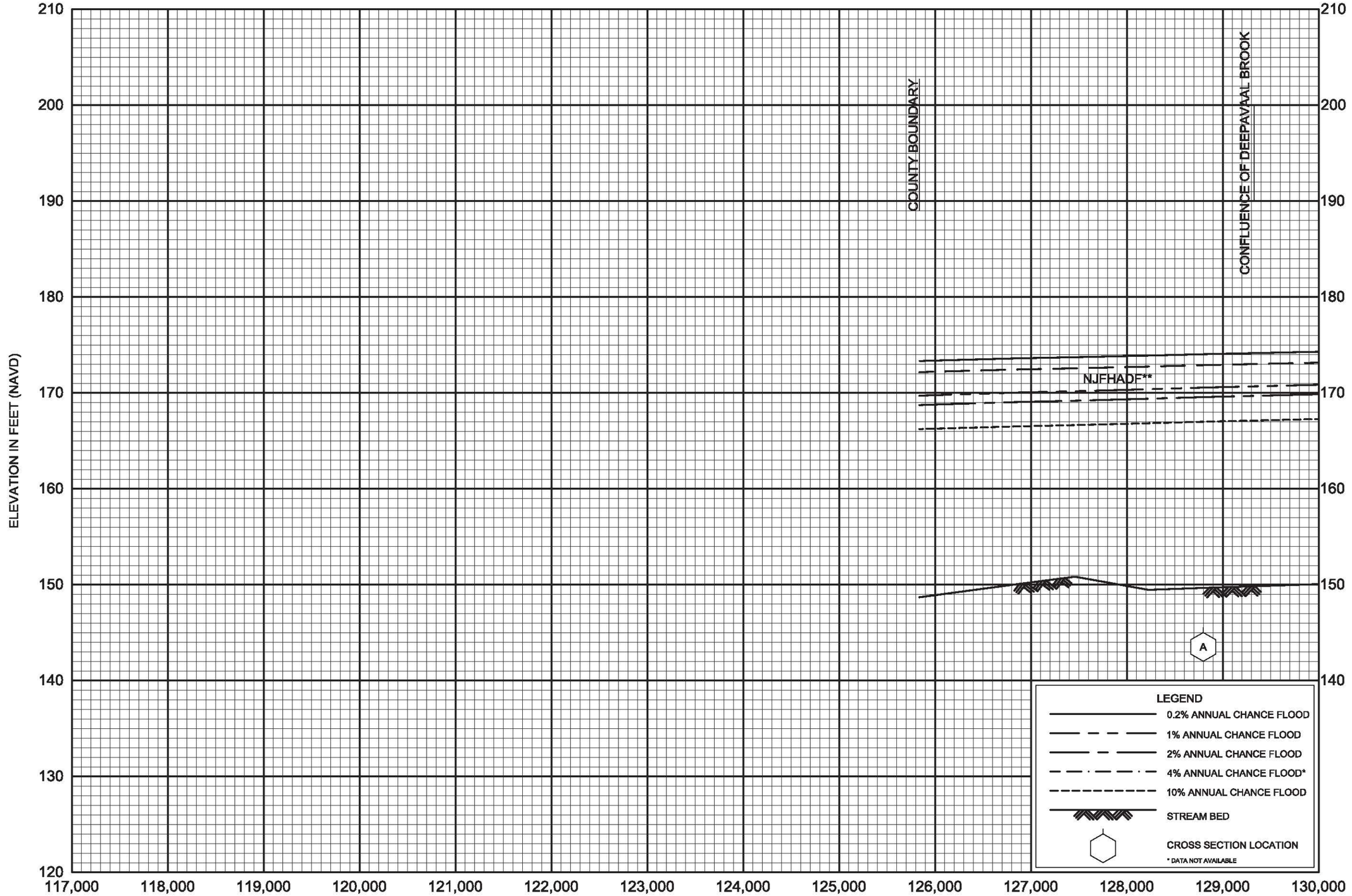
PASSAIC RIVER (DOWNSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

87P



** NEW JERSEY FLOOD HAZARD DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE LIMIT OF STUDY
(LIMIT OF STUDY IS APPROXIMATELY 730 FEET DOWNSTREAM OF THE CONFLUENCE OF SECOND RIVER)

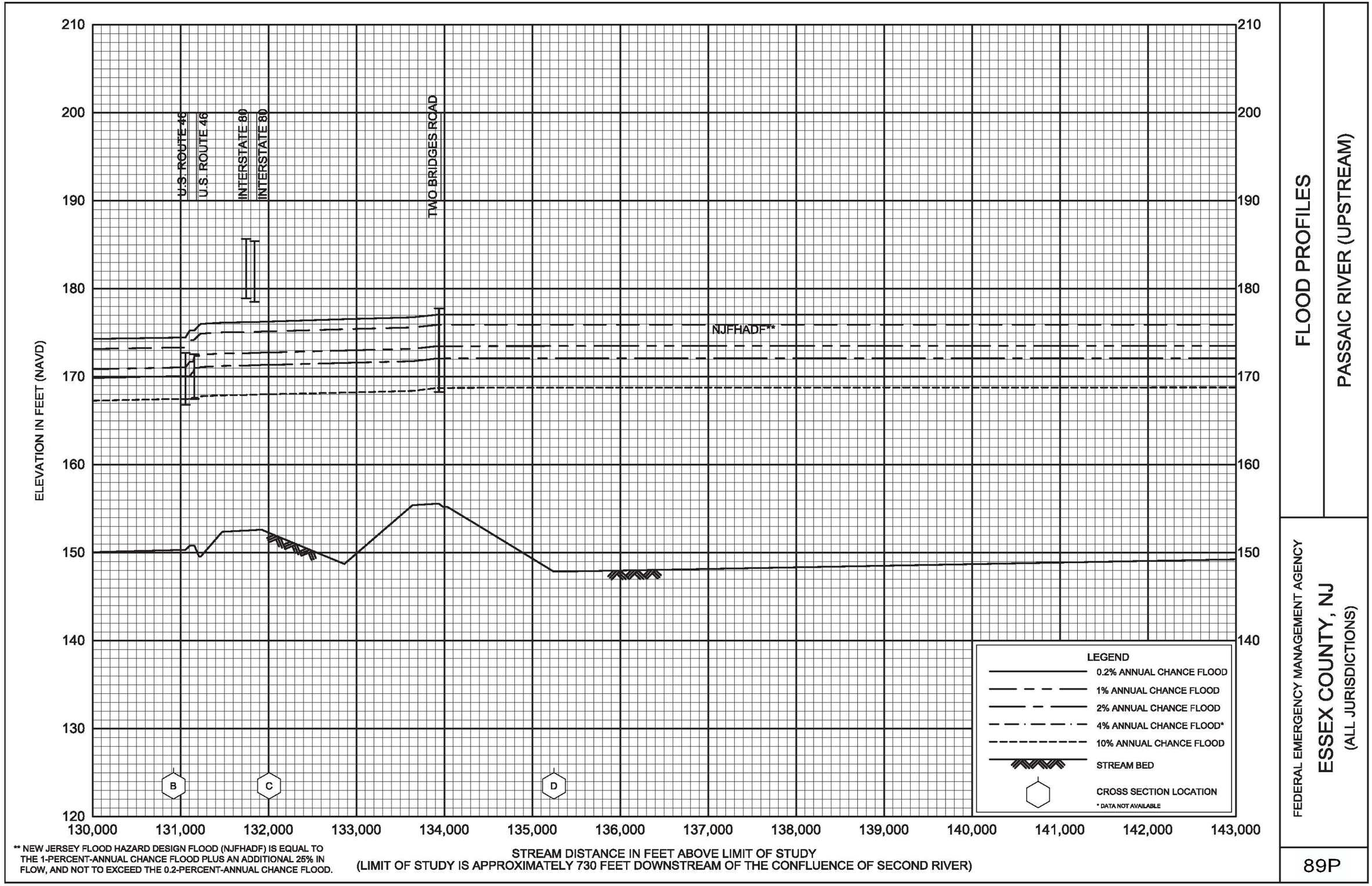
FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)

88P



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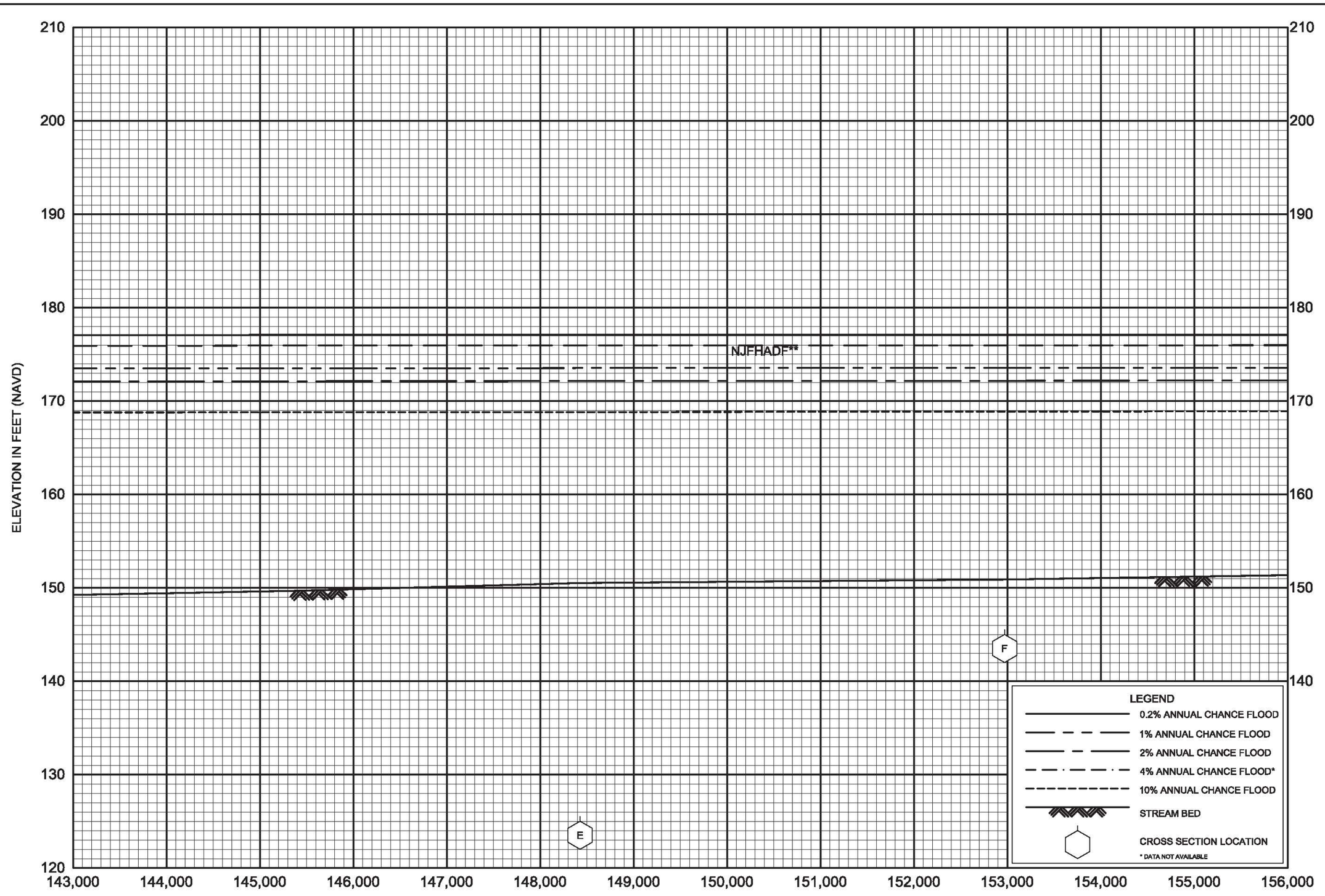
STREAM DISTANCE IN FEET ABOVE LIMIT OF STUDY
(LIMIT OF STUDY IS APPROXIMATELY 730 FEET DOWNSTREAM OF THE CONFLUENCE OF SECOND RIVER)

FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)



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FLOOD PROFILES

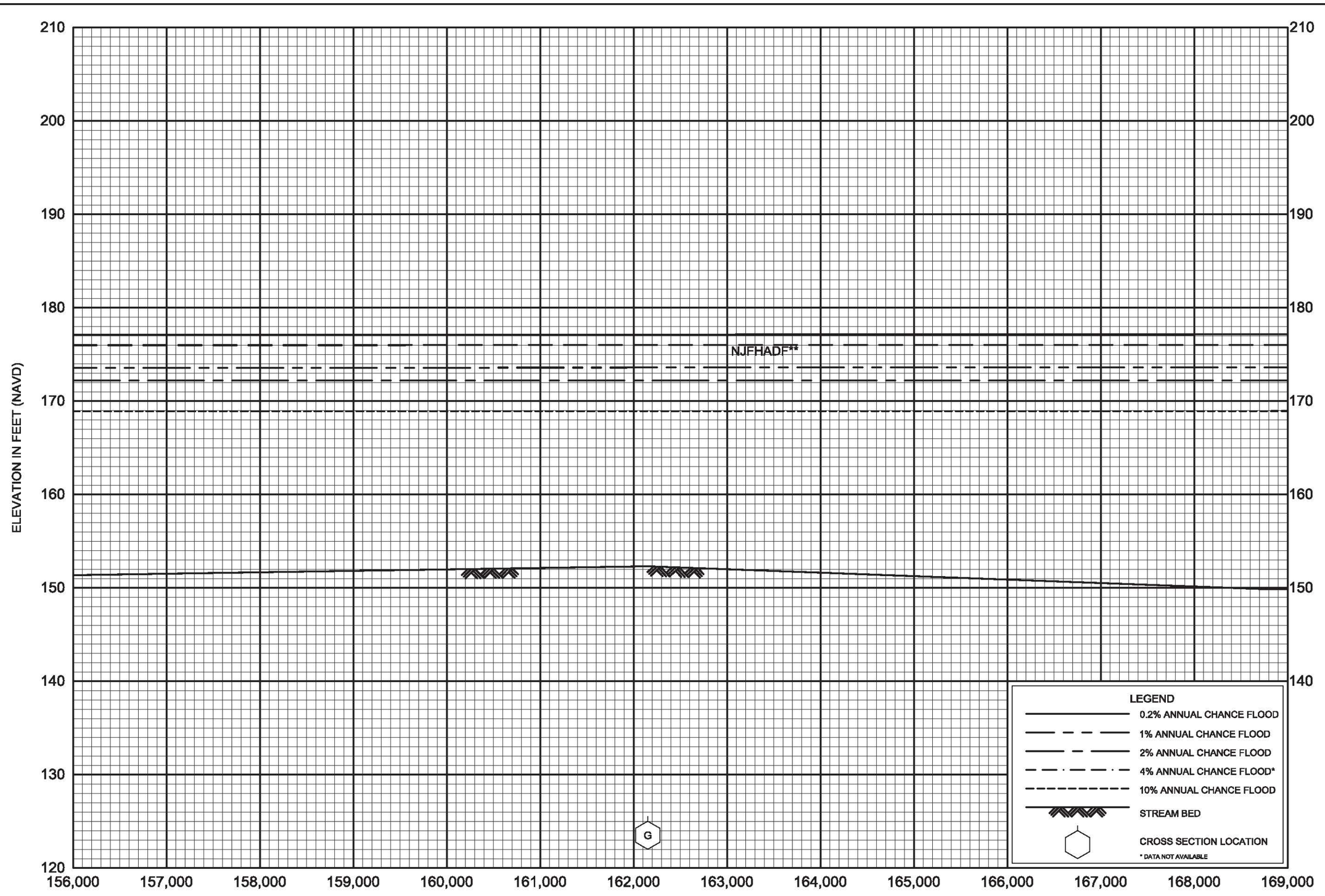
PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

90P



** NEW JERSEY FLOOD HAZARD DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

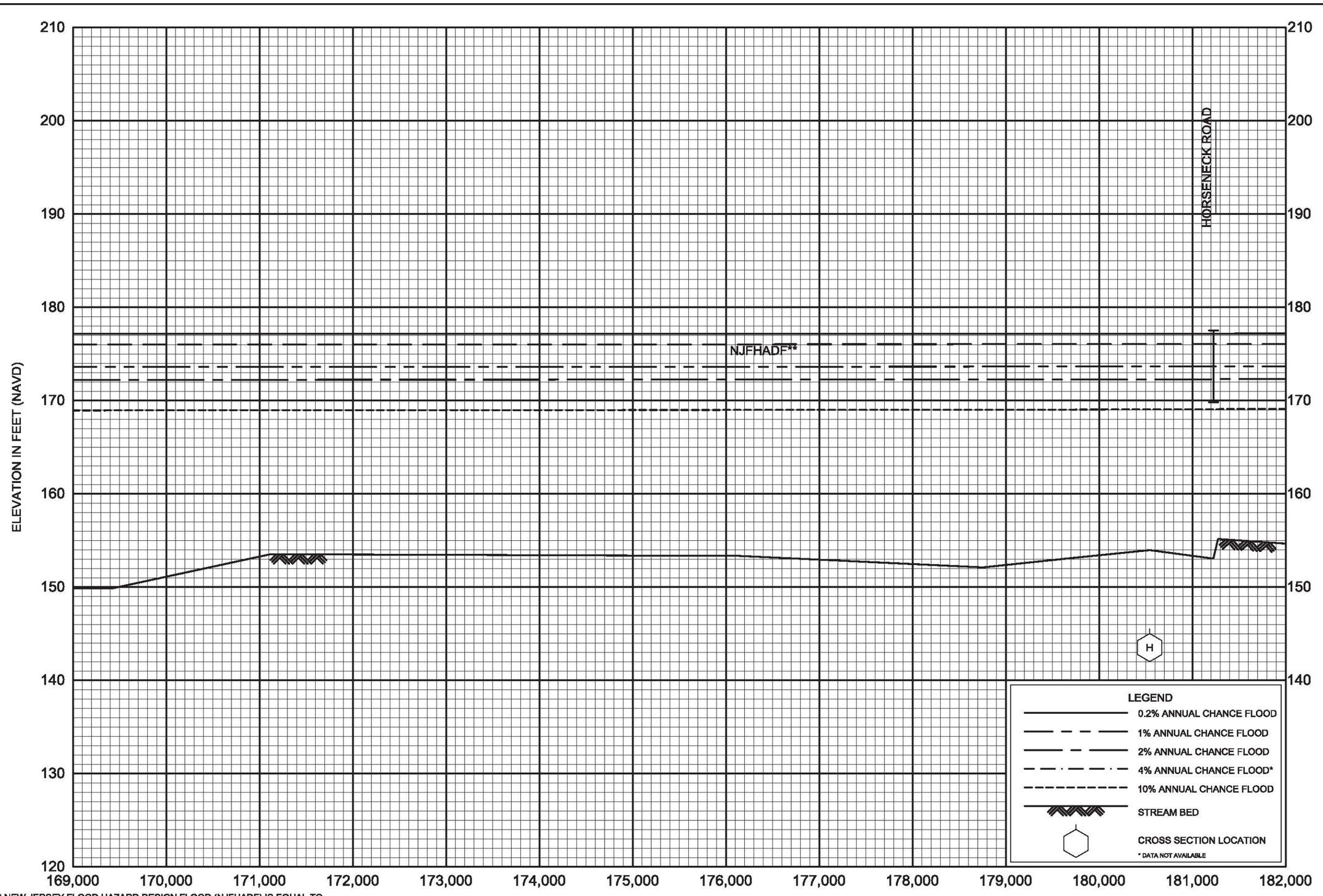
STREAM DISTANCE IN FEET ABOVE LIMIT OF STUDY
(LIMIT OF STUDY IS APPROXIMATELY 730 FEET DOWNSTREAM OF THE CONFLUENCE OF SECOND RIVER)

FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)



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FLOOD PROFILES

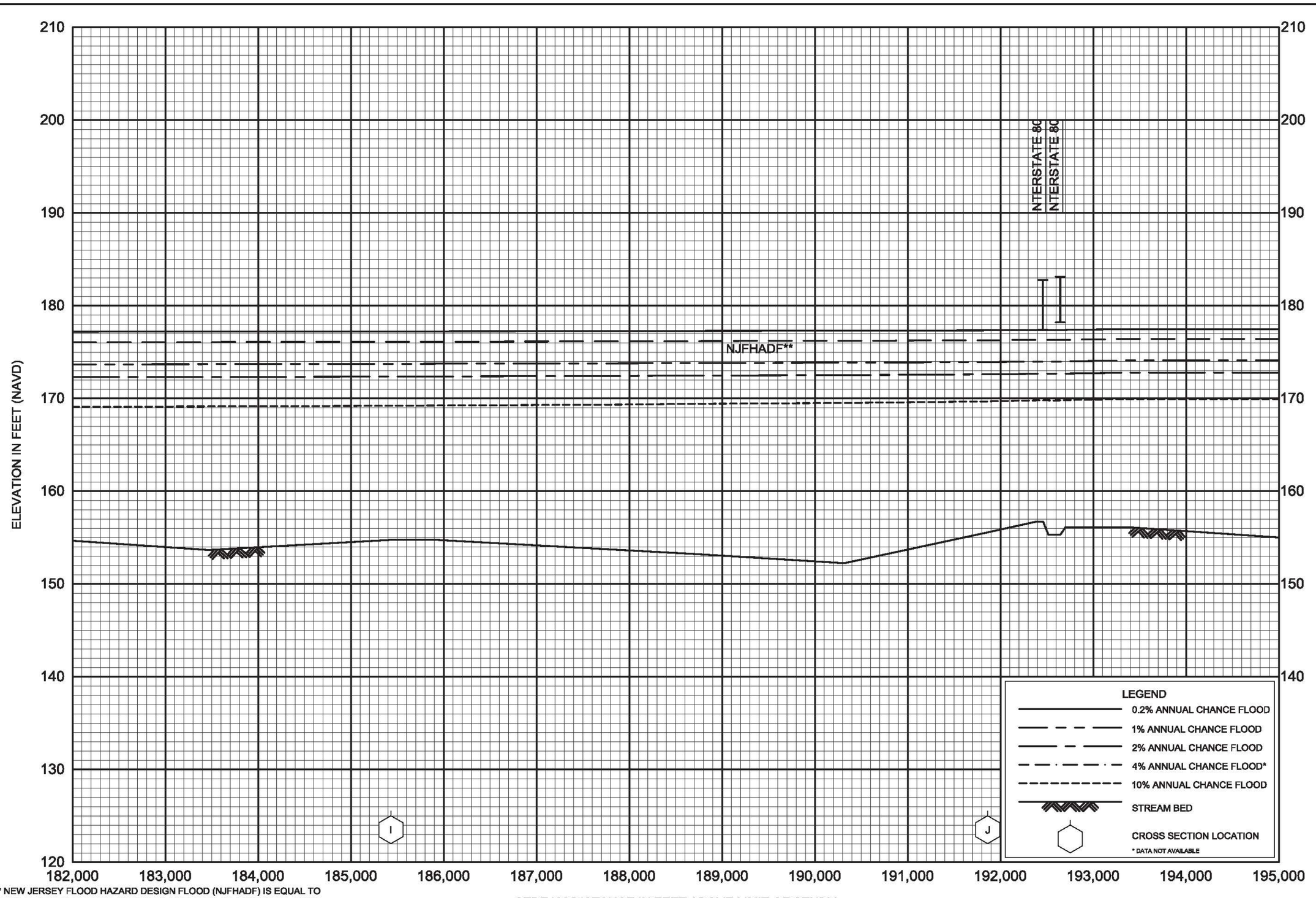
PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

92P



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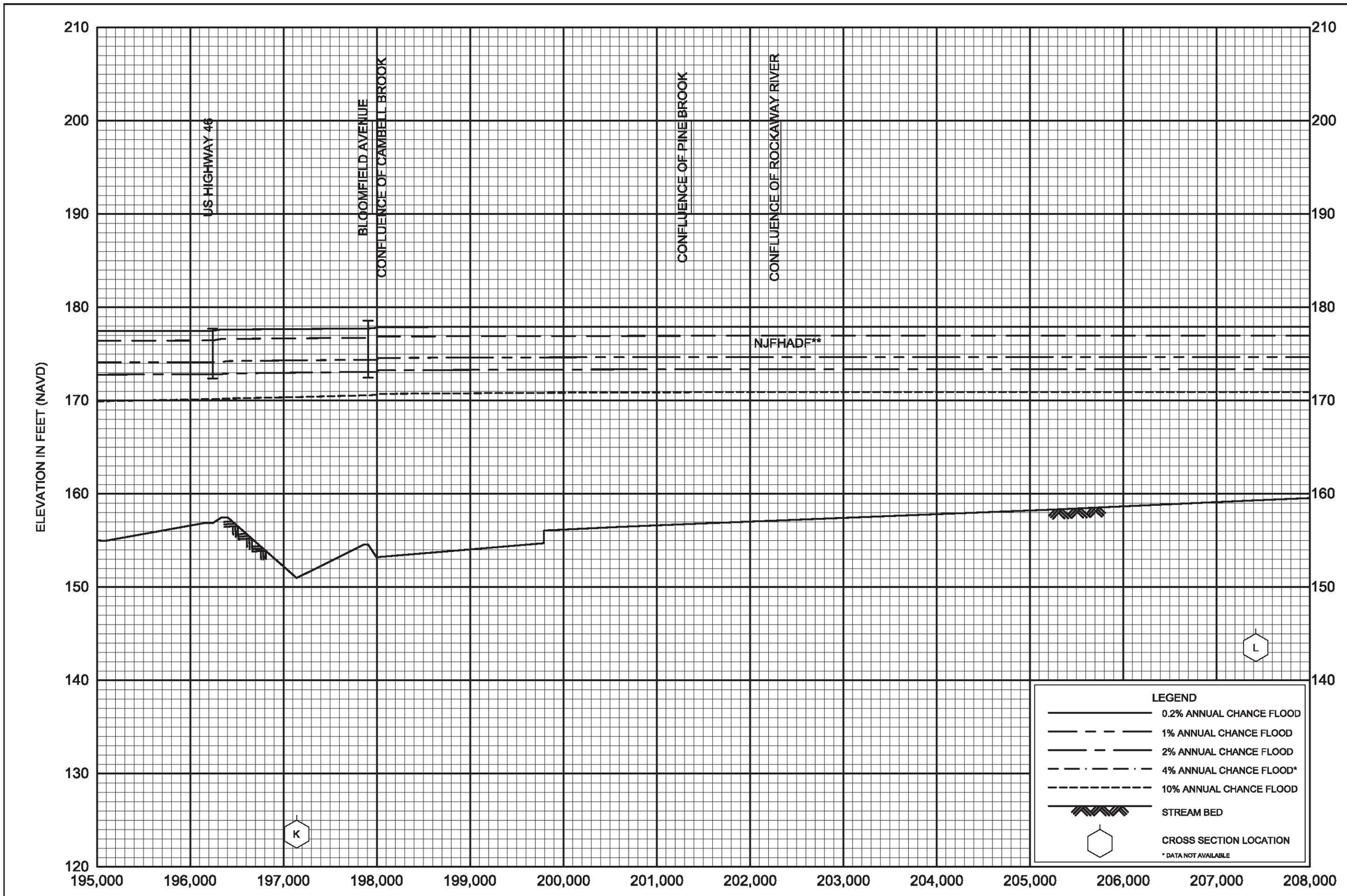
FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)

93P



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FLOOD PROFILES

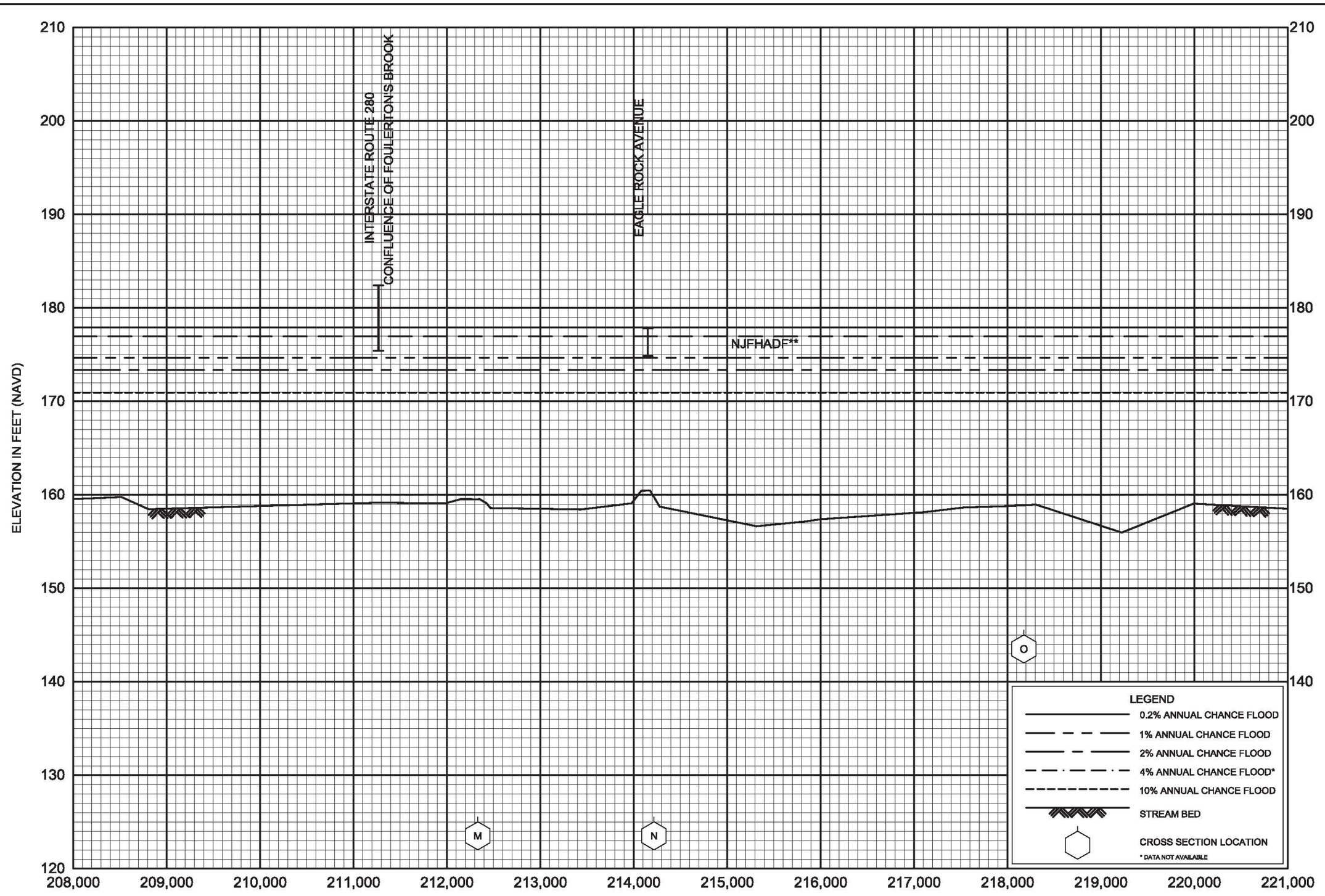
PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

94P



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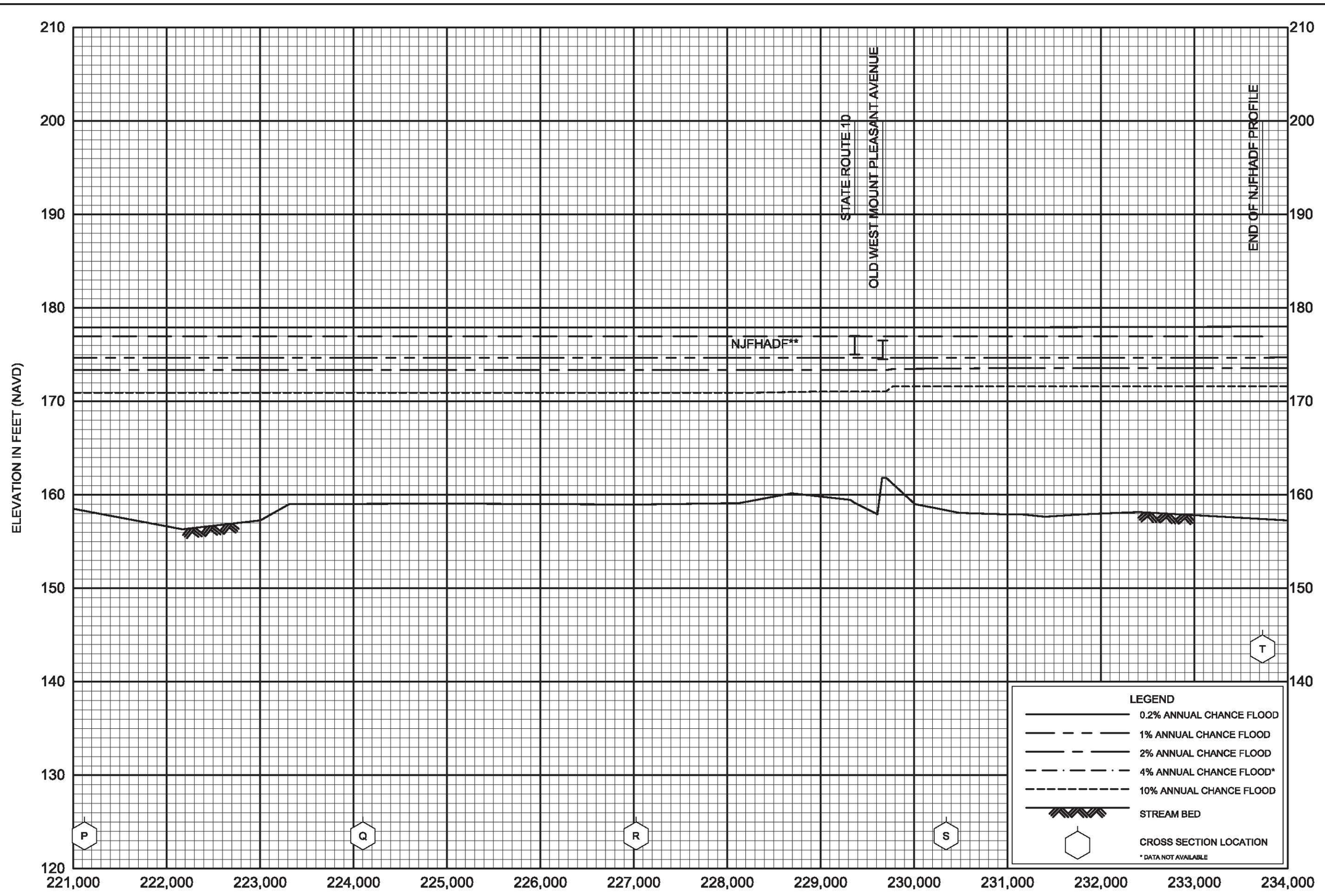
FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)

95P



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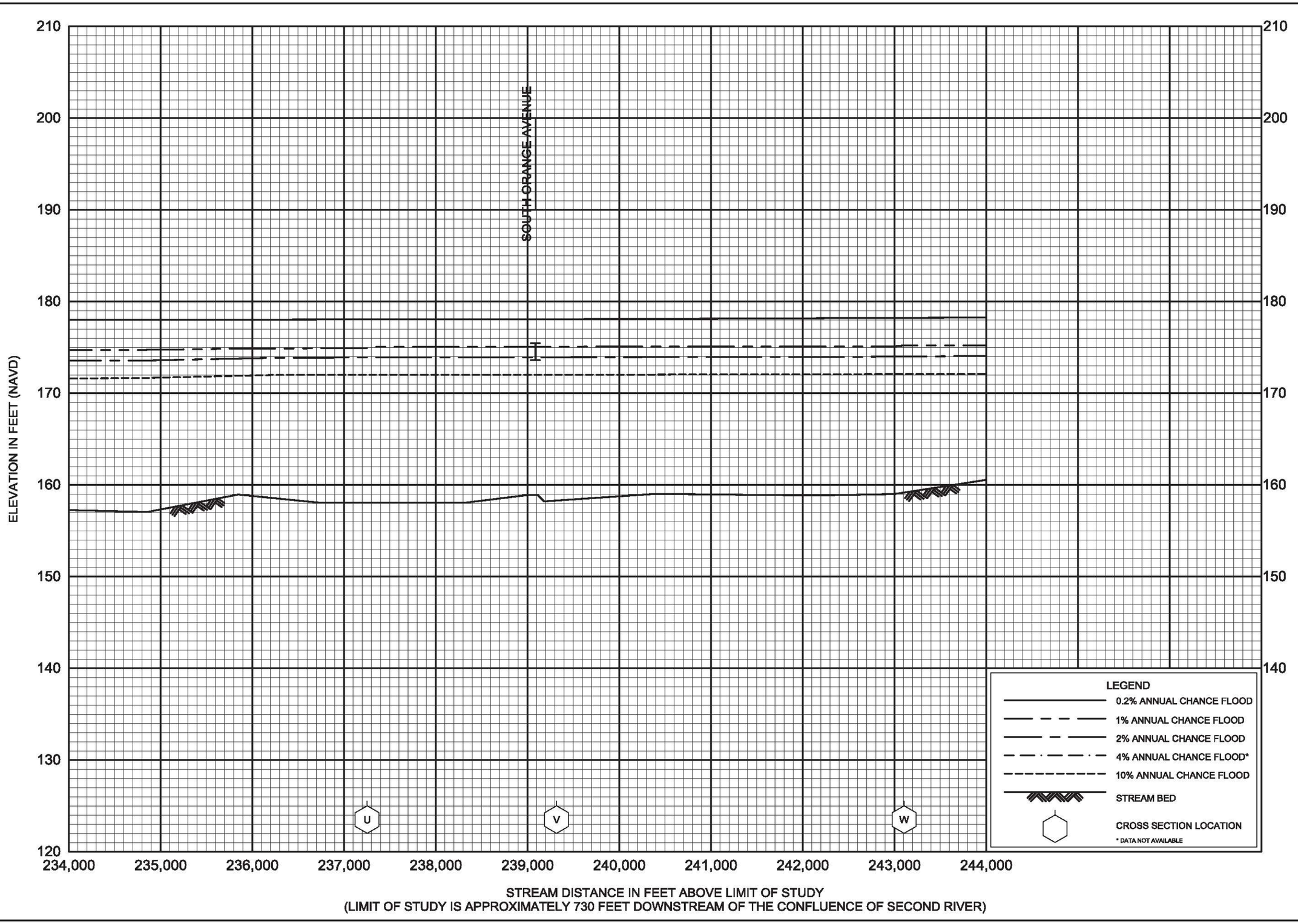
FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)

96P



FLOOD PROFILES

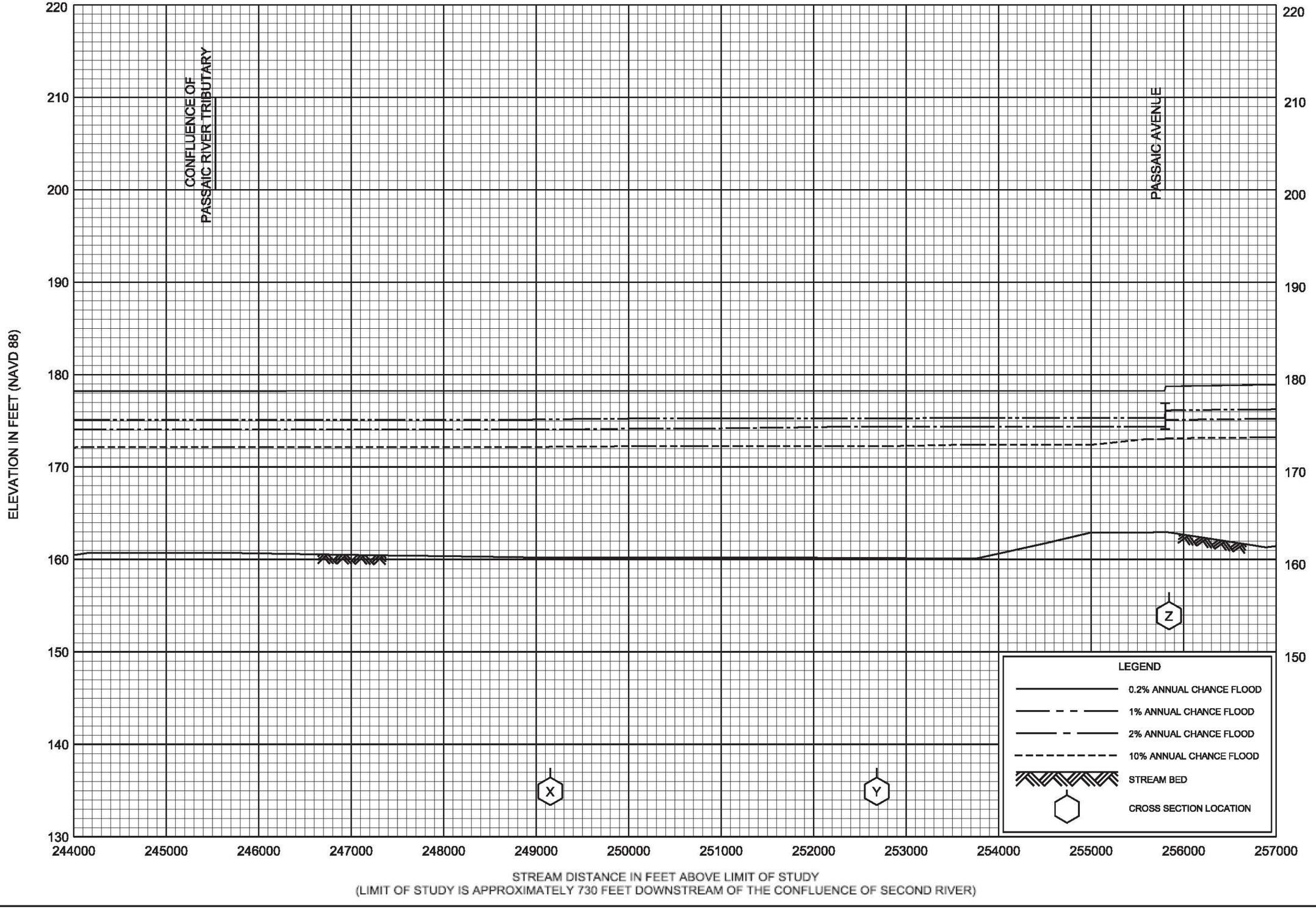
PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

97P



FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

98P

ELEVATION IN FEET (NAVD 88)

230
220
210
200
190
180
170
160
150
140

CONFLUENCE OF CANOE BROOK

STATE ROUTE 24

MAIN STREET

LIMIT OF DETAILED STUDY

ESSEX COUNTY

UNION COUNTY

AA

AB

AC

LEGEND

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

257000 258000 259000 260000 261000 262000 263000 264000 265000 266000 267000 268000 269000 170000

STREAM DISTANCE IN FEET ABOVE LIMIT OF STUDY
(LIMIT OF STUDY IS APPROXIMATELY 730 FEET DOWNSTREAM OF THE CONFLUENCE OF SECOND RIVER)

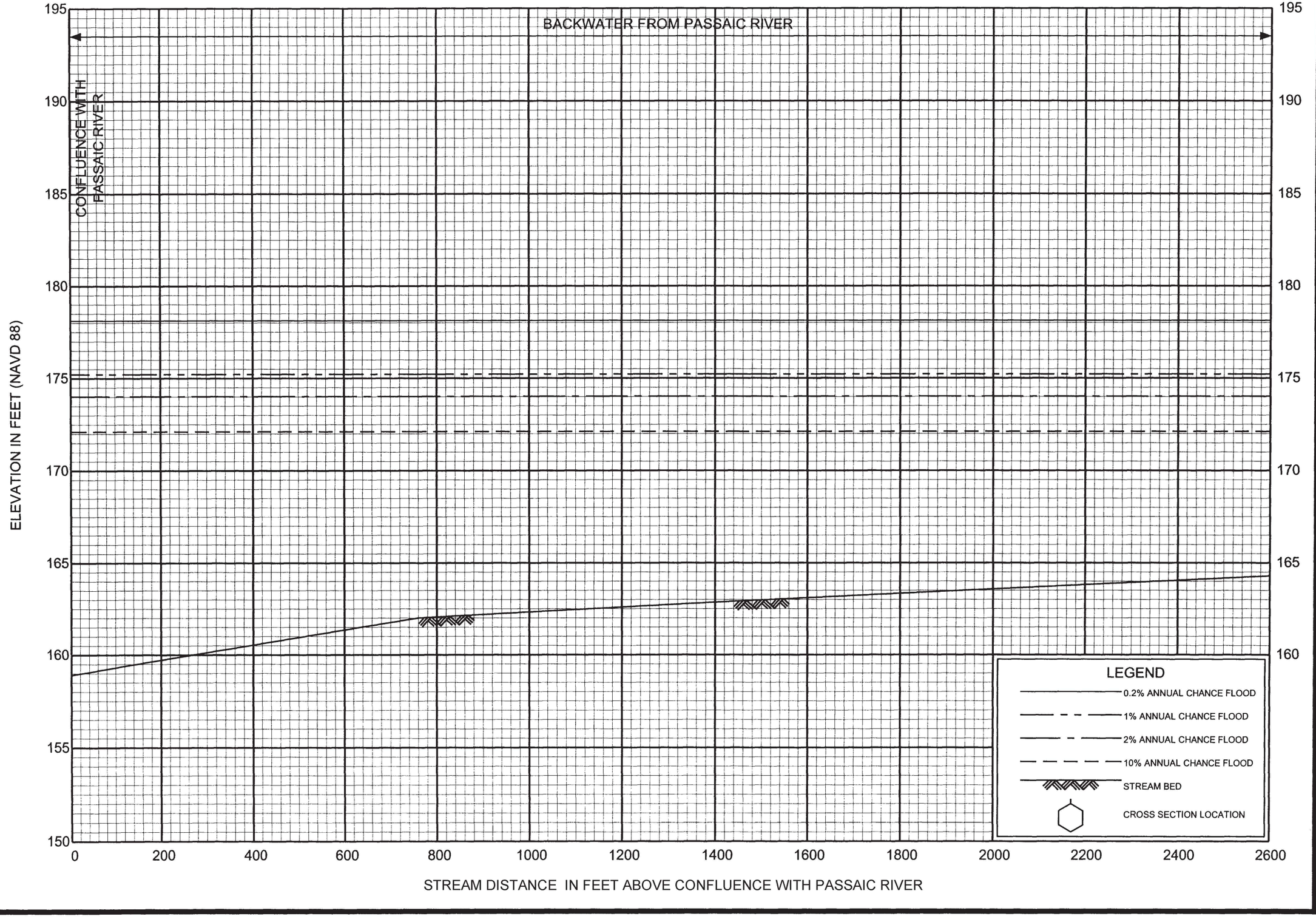
FLOOD PROFILES

PASSAIC RIVER (UPSTREAM)

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ
(ALL JURISDICTIONS)

99P



FLOOD PROFILES

PASSAIC RIVER TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

100P

BACKWATER FROM PASSAIC RIVER

ELEVATION IN FEET (NAVD 88)

200
195
190
185
180
175
170
165
160
155

2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PASSAIC RIVER

A

B

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

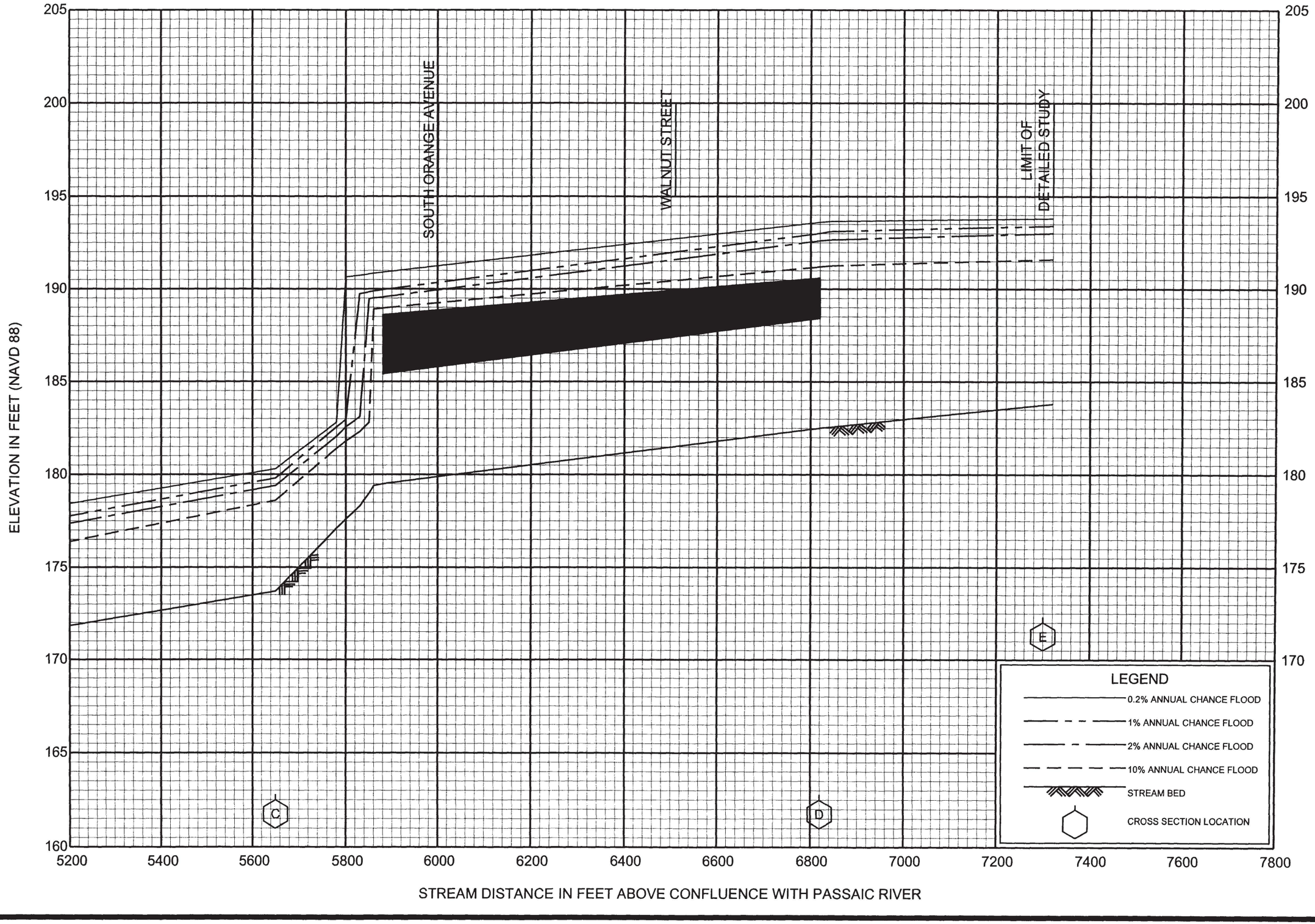
PASSAIC RIVER TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

101P



FLOOD PROFILES

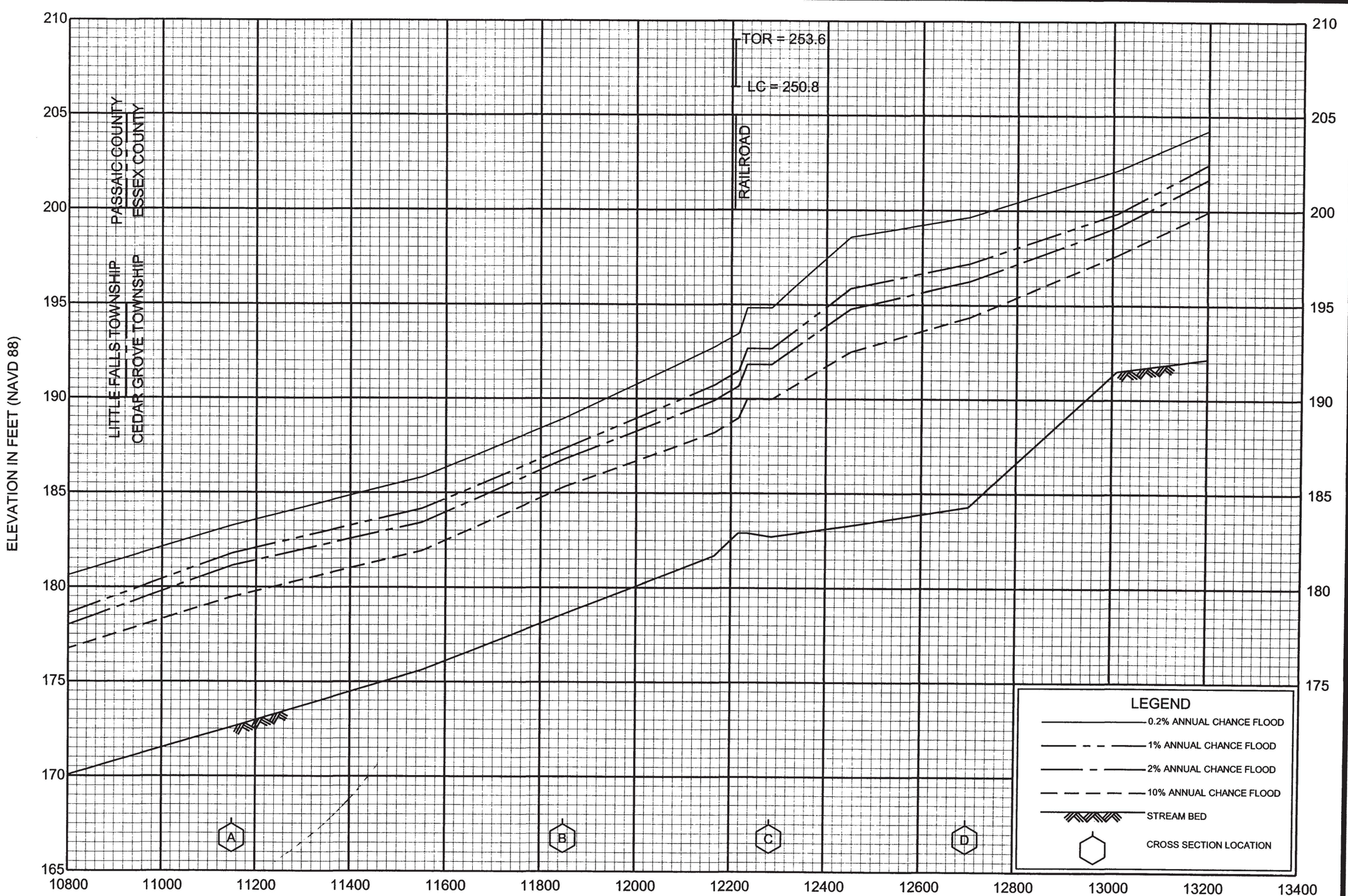
PASSAIC RIVER TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

102P



FLOOD PROFILES

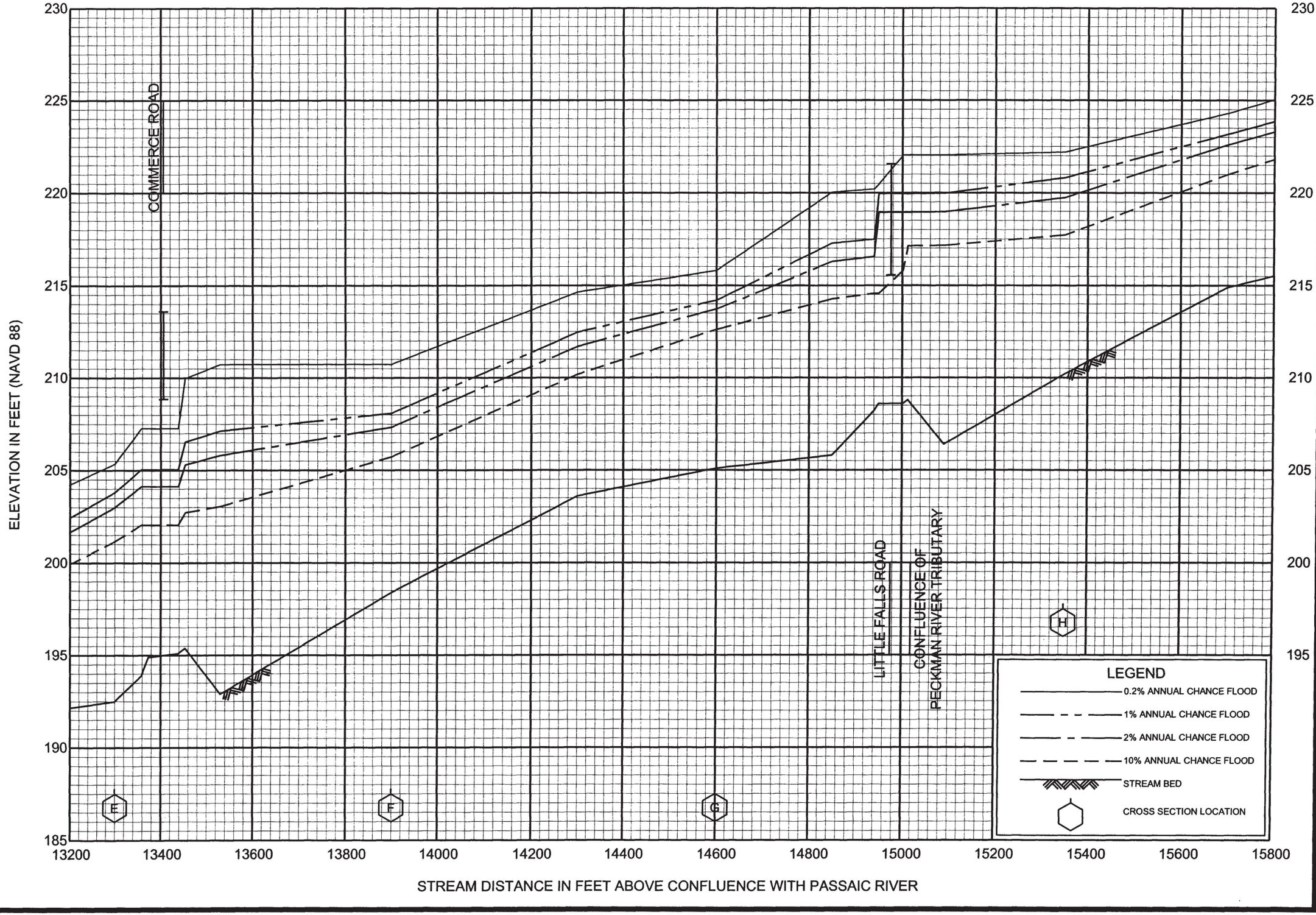
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

103P



FLOOD PROFILES

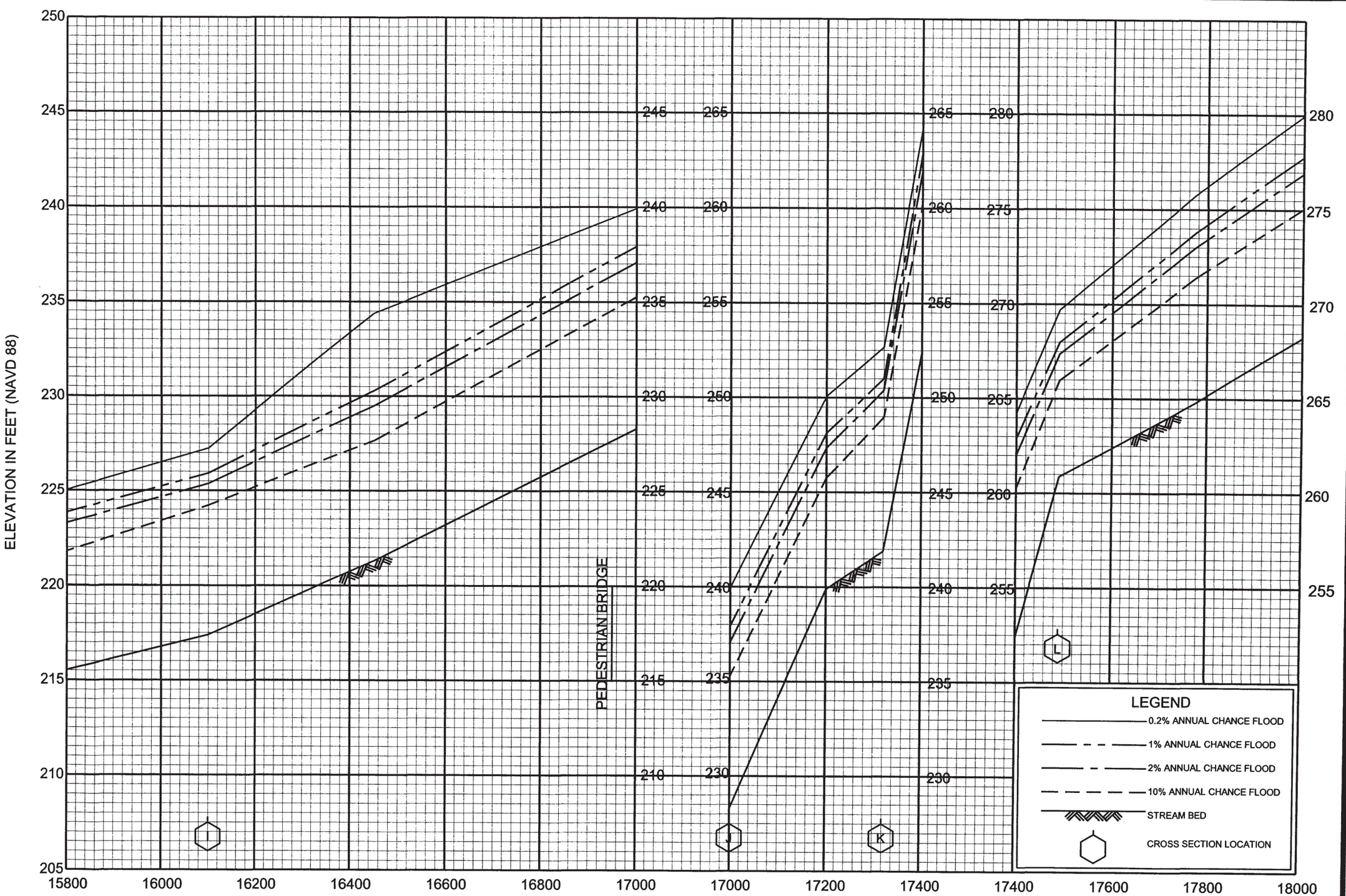
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

104P



FLOOD PROFILES

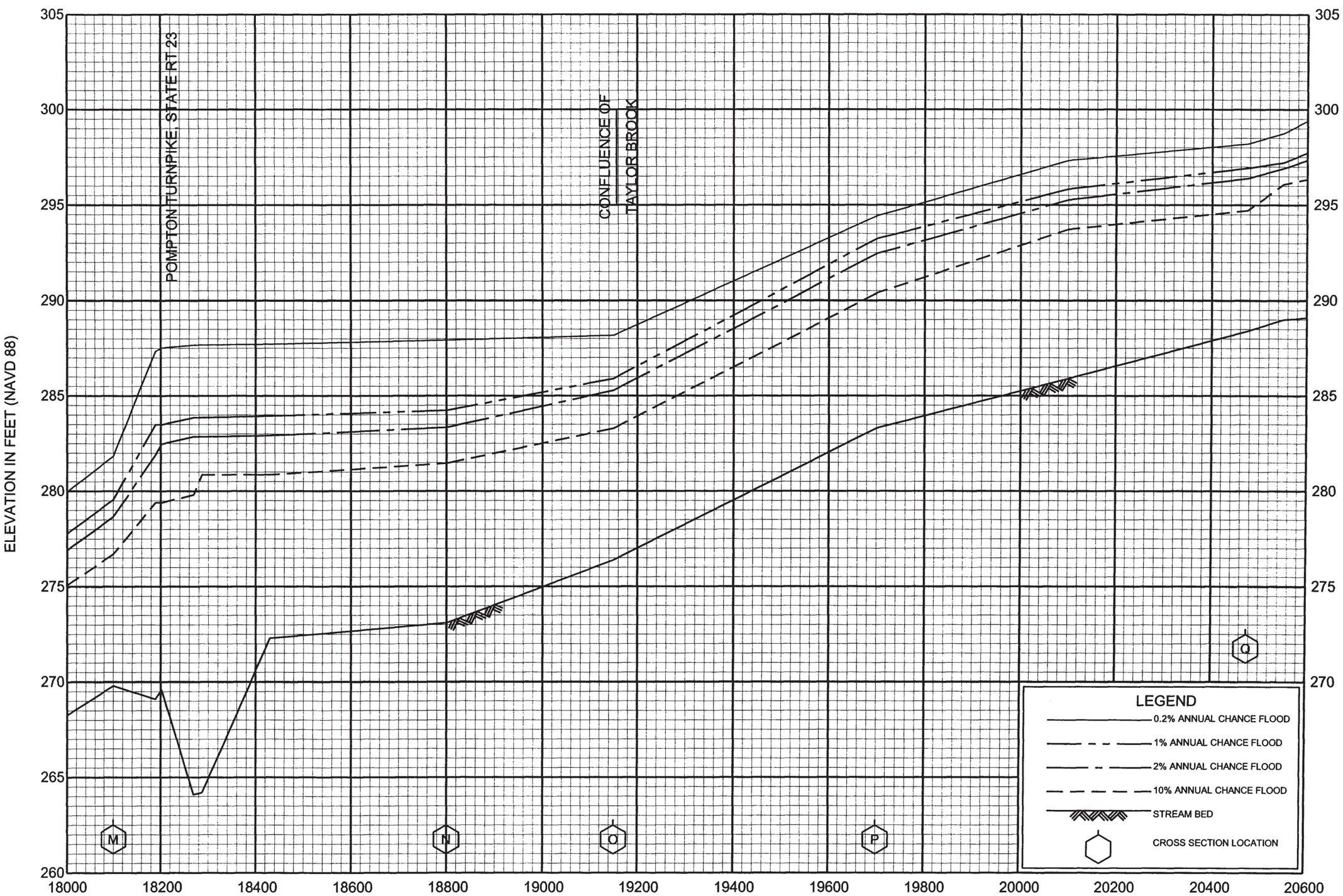
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

105P



FLOOD PROFILES

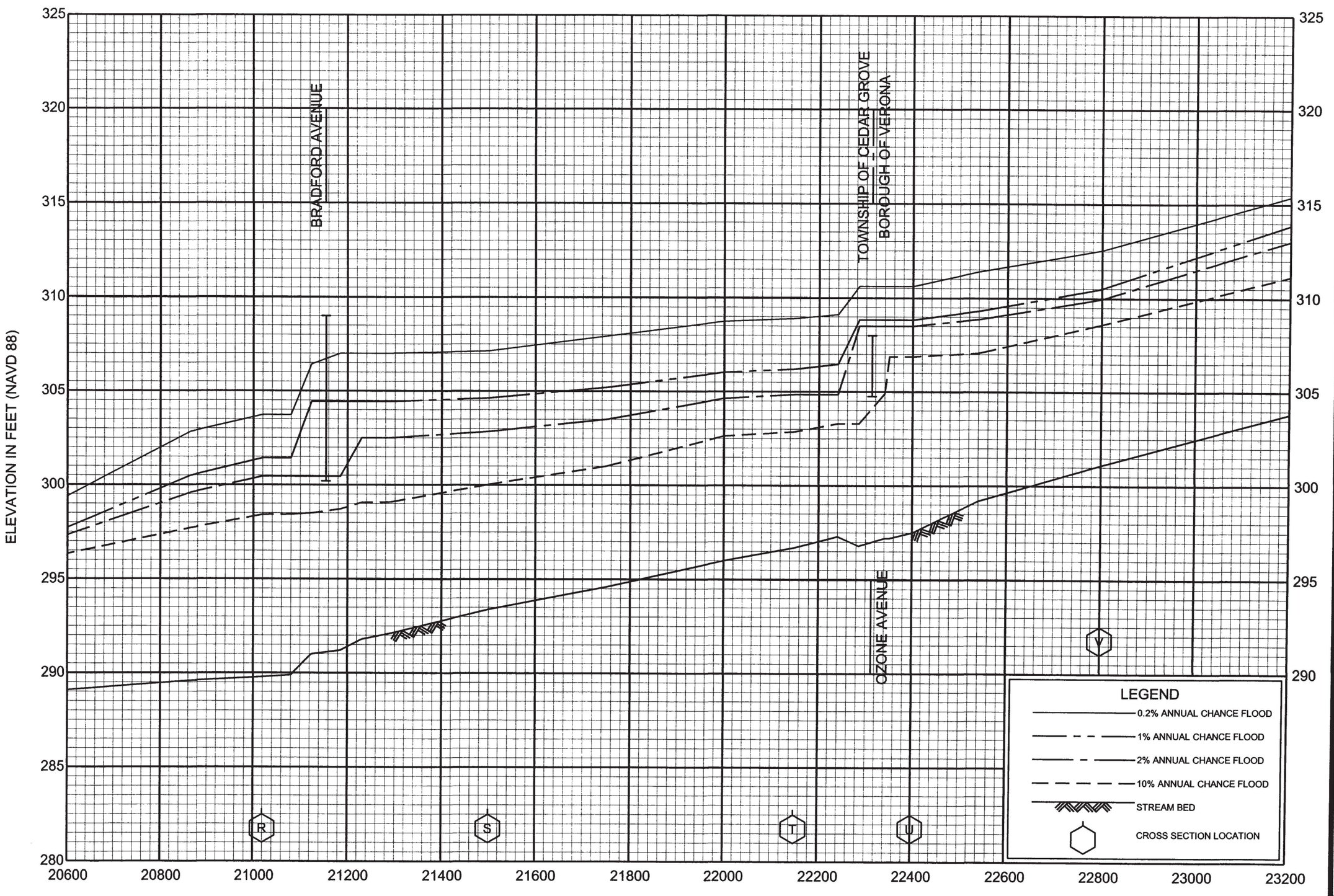
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

106P



FLOOD PROFILES

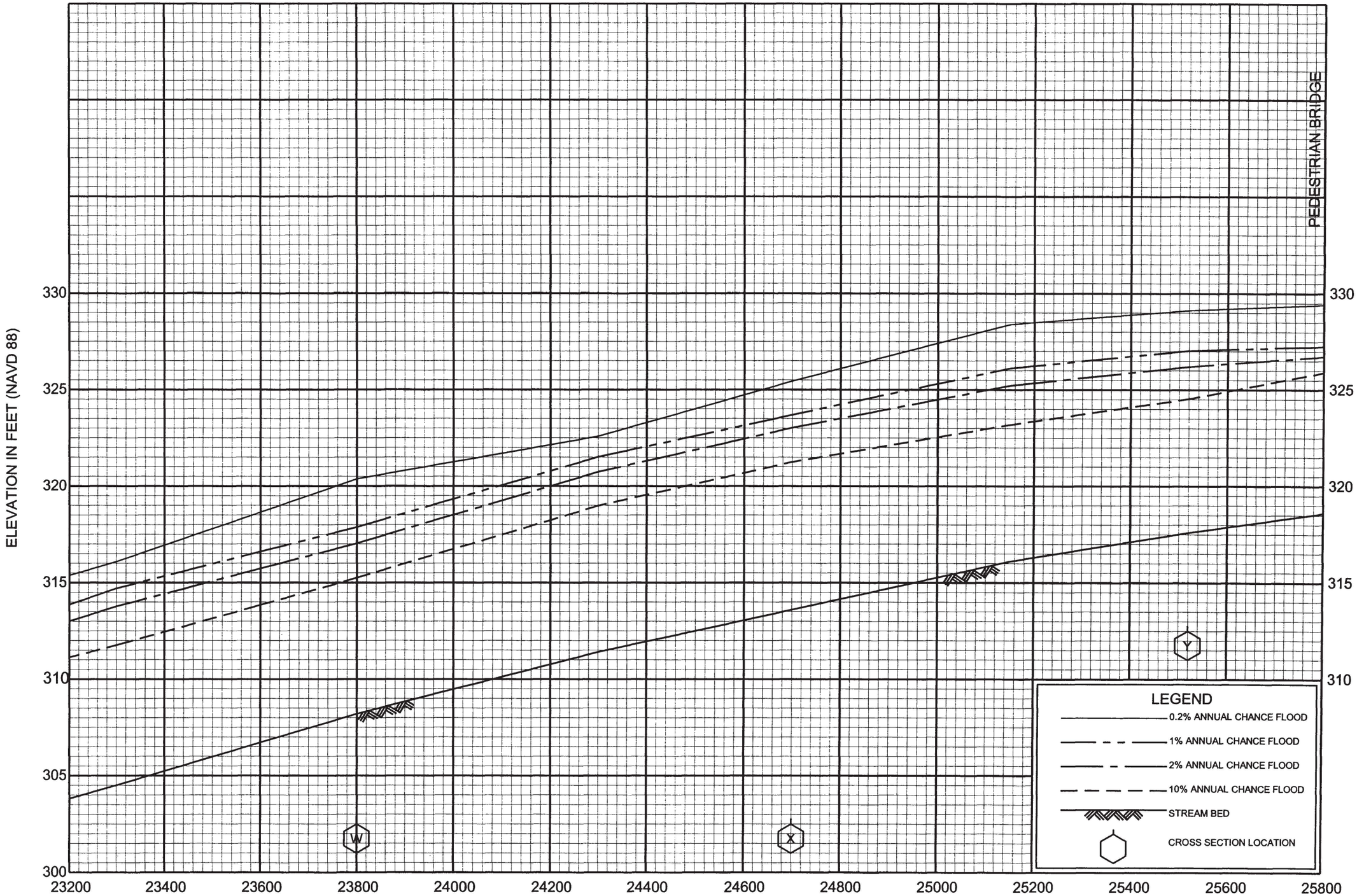
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

107P



FLOOD PROFILES

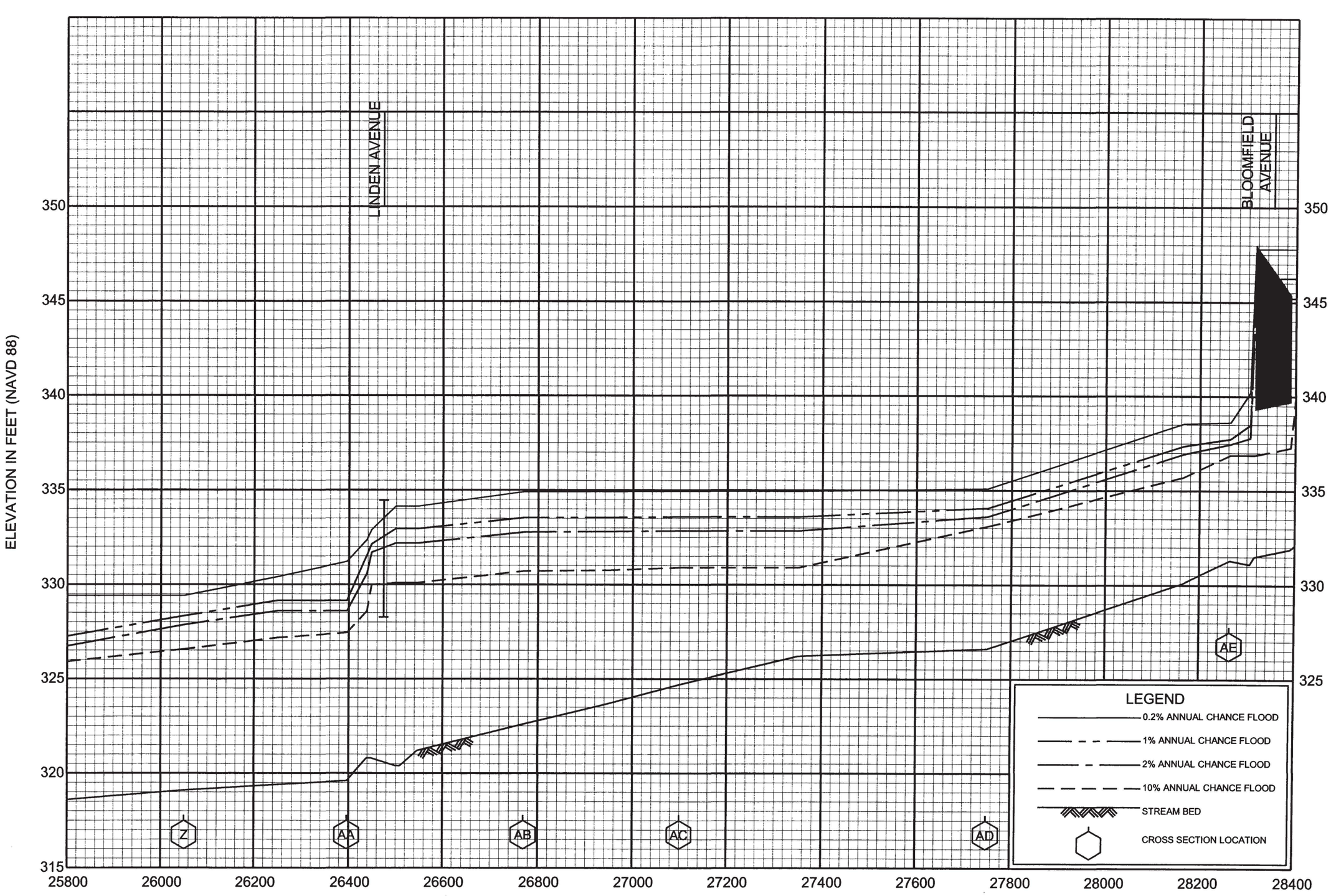
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

108P



FLOOD PROFILES

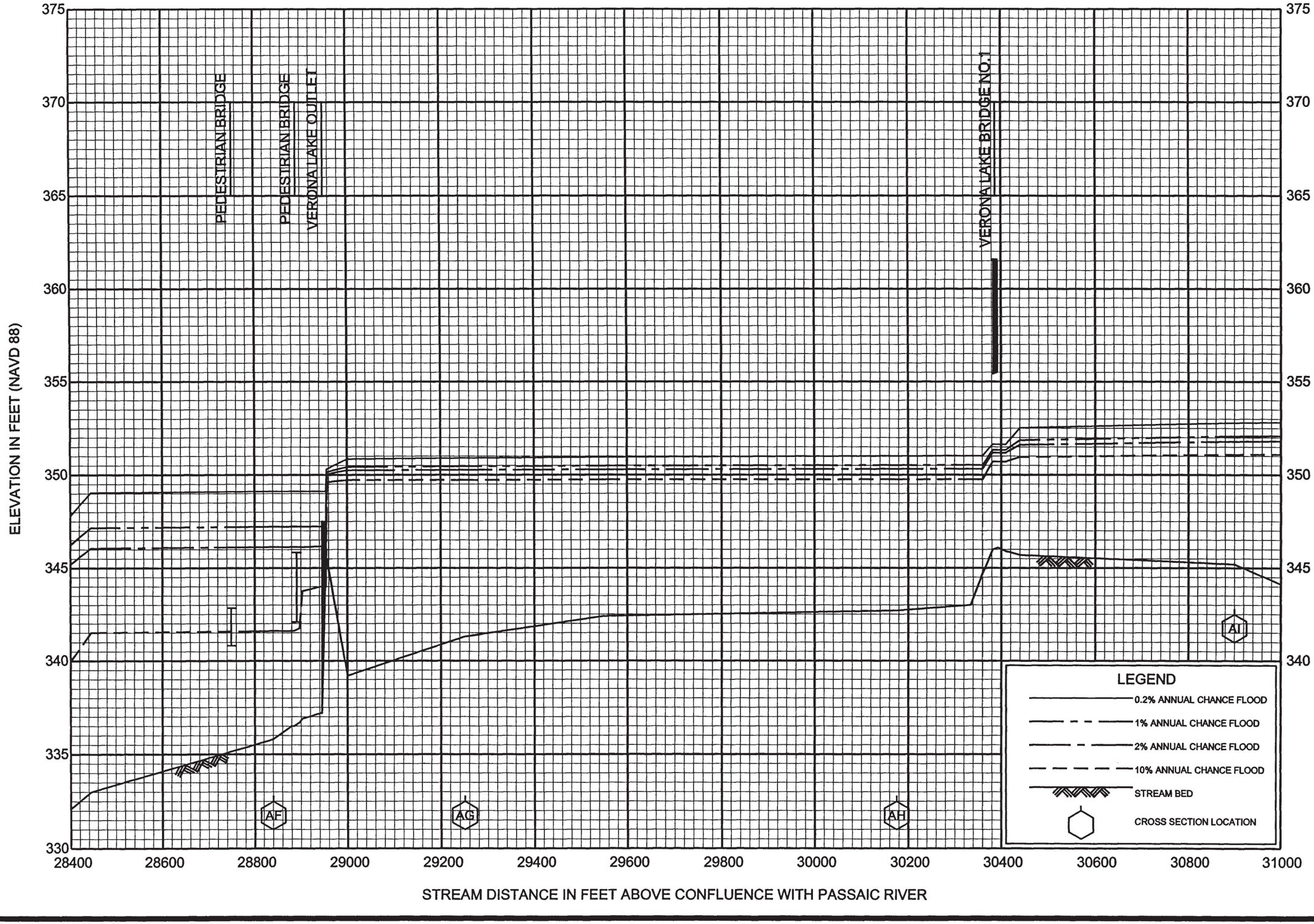
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

109P



FLOOD PROFILES

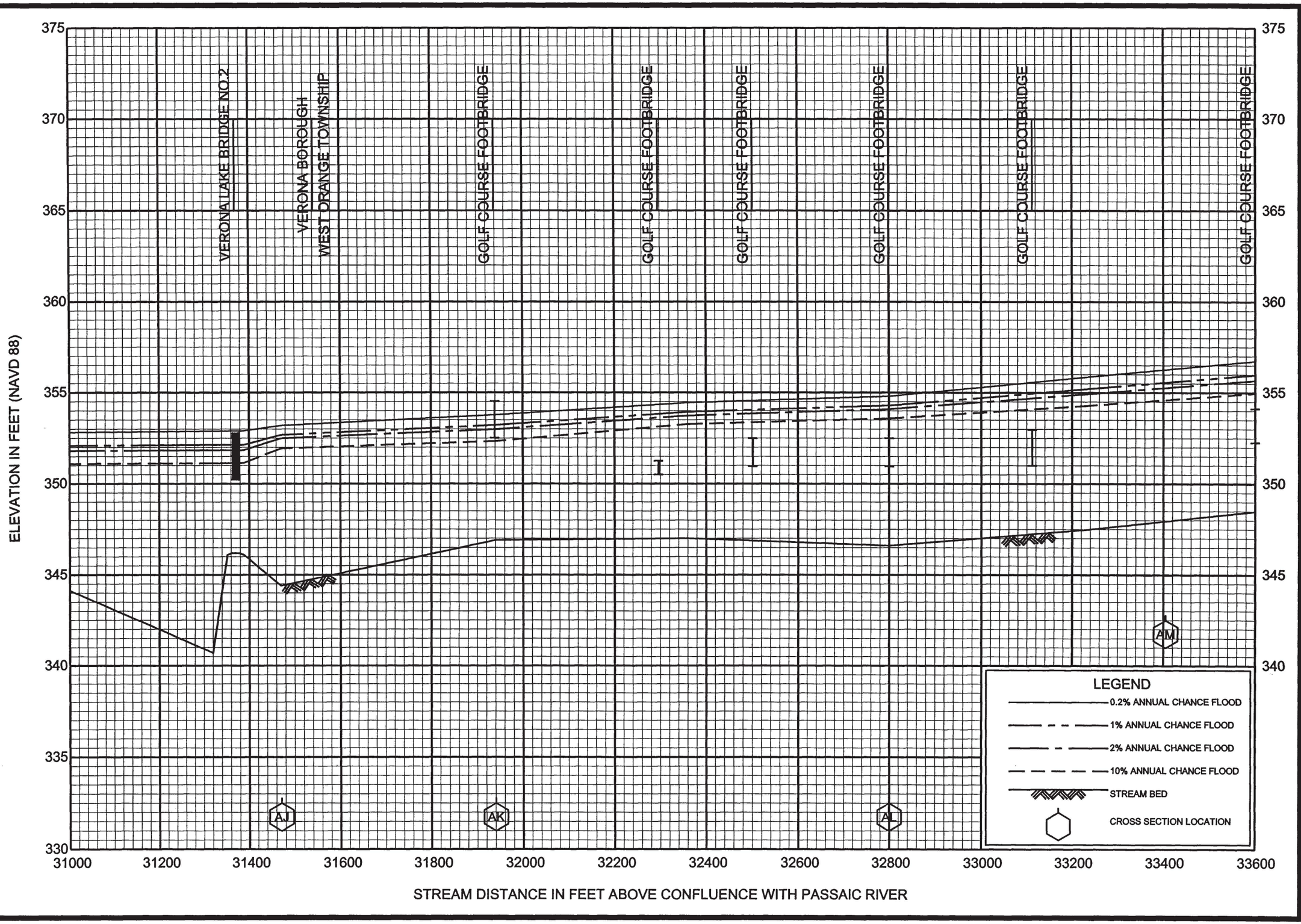
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

110P



FLOOD PROFILES

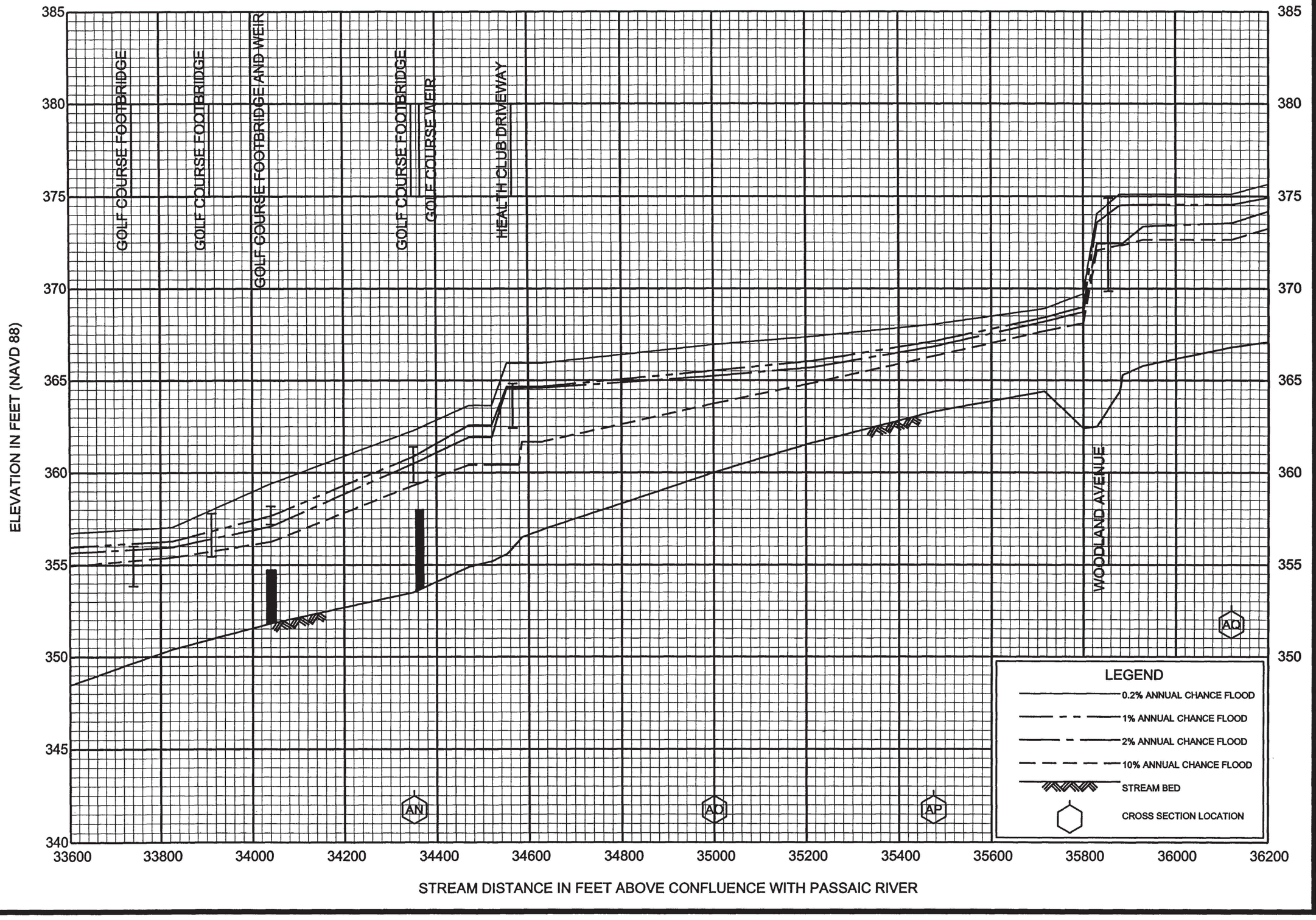
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

111P



FLOOD PROFILES

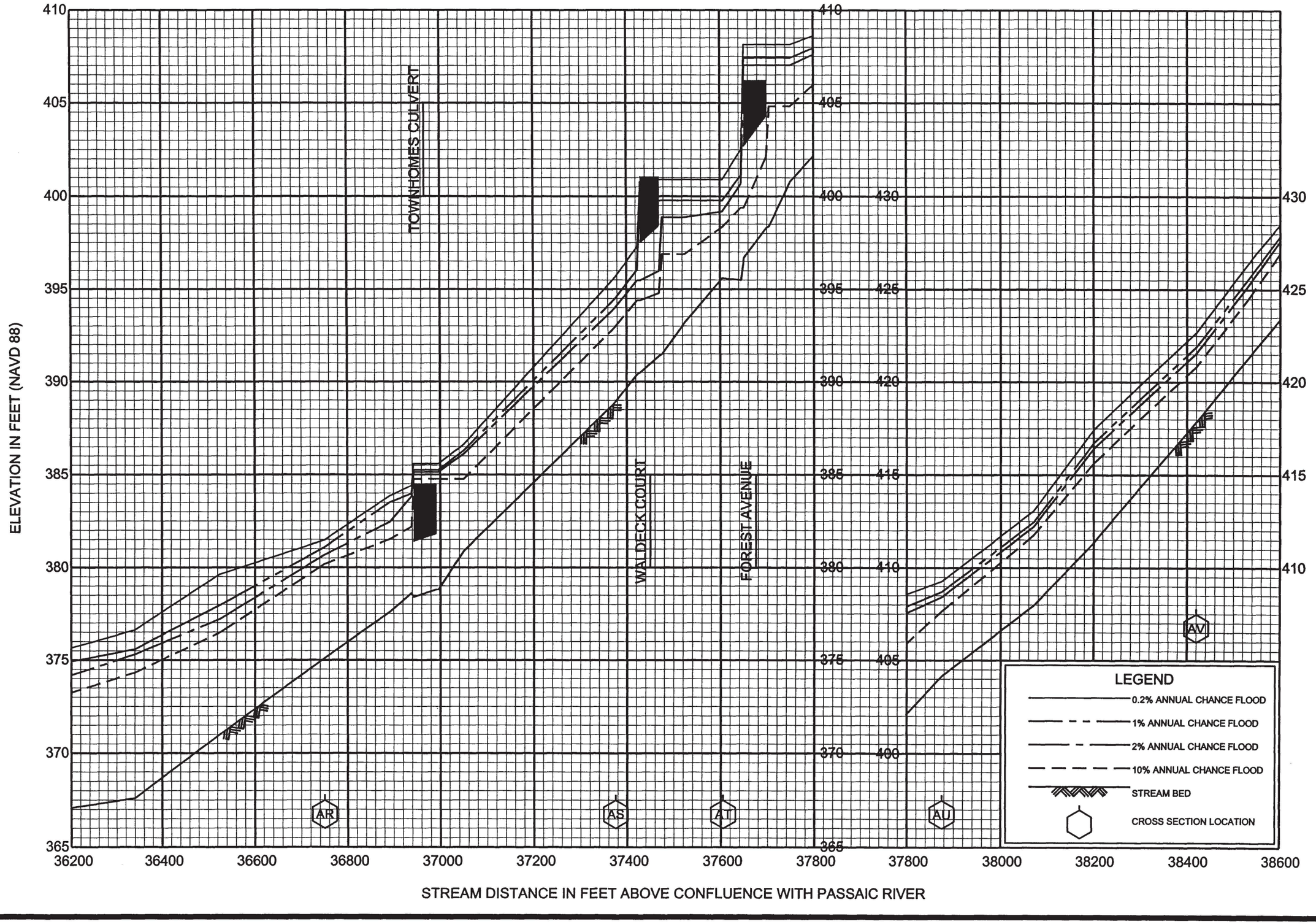
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

112P



FLOOD PROFILES

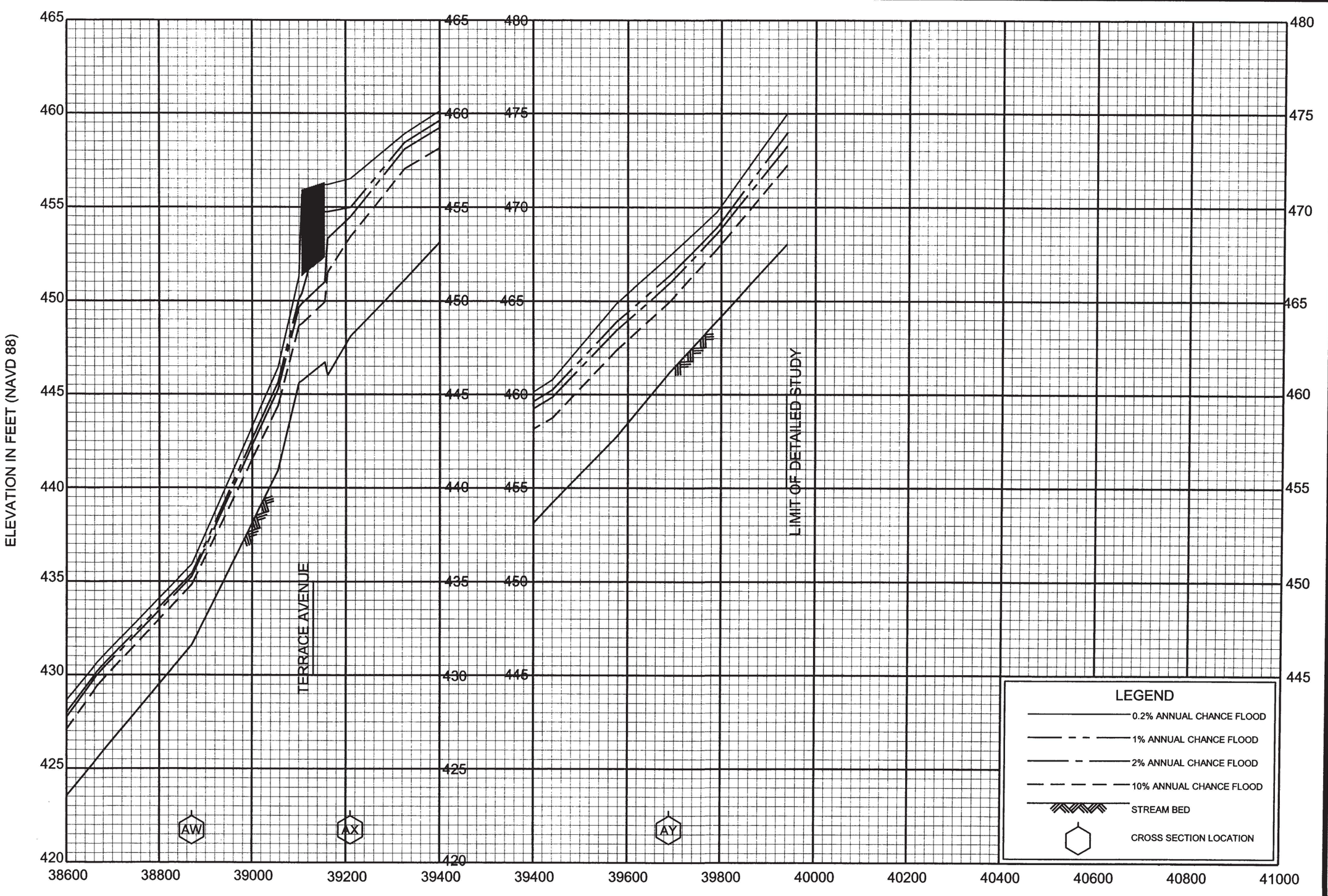
PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

113P



FLOOD PROFILES

PECKMAN RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

ESSEX COUNTY, NJ

(ALL JURISDICTIONS)

114P