



# FLOOD INSURANCE STUDY

VOLUME 3 OF 8



## MORRIS COUNTY, NEW JERSEY (ALL JURISDICTIONS)

COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER
BOONTON, TOWN OF	340335	MINE HILL, TOWNSHIP OF	340556
BOONTON, TOWNSHIP OF	340336	MONTVILLE, TOWNSHIP OF	340349
BUTLER, BOROUGH OF	340337	MORRIS PLAINS, BOROUGH OF	340351
CHATHAM, BOROUGH OF	340338	MORRIS, TOWNSHIP OF	340350
CHATHAM, TOWNSHIP OF	340504	MORRISTOWN, TOWN OF	340352
CHESTER, BOROUGH OF <sup>1</sup>	345534	MOUNT ARLINGTON, BOROUGH OF	340541
CHESTER, TOWNSHIP OF	340555	MOUNT OLIVE, TOWNSHIP OF	340353
DENVILLE, TOWNSHIP OF	345292	MOUNTAIN LAKES, BOROUGH OF <sup>1</sup>	340161
DOVER, TOWN OF	340340	NETCONG, BOROUGH OF	340354
EAST HANOVER, TOWNSHIP OF	340341	PARSIPPANY-TROY HILLS, TOWNSHIP OF	340355
FLORHAM PARK, BOROUGH OF	340342	PEQUANNOCK, TOWNSHIP OF	345311
HANOVER, TOWNSHIP OF	340343	RANDOLPH, TOWNSHIP OF	340358
HARDING, TOWNSHIP OF	340344	RIVERDALE, BOROUGH OF	340359
JEFFERSON, TOWNSHIP OF	340522	ROCKAWAY, BOROUGH OF	345315
KINNELON, BOROUGH OF	340345	ROCKAWAY, TOWNSHIP OF	340360
LINCOLN PARK, BOROUGH OF	345300	ROXBURY, TOWNSHIP OF	340362
LONG HILL, TOWNSHIP OF	340356	VICTORY GARDENS, BOROUGH OF	340162
MADISON, BOROUGH OF	340347	WASHINGTON, TOWNSHIP OF	340363
MENDHAM, BOROUGH OF	340540	WHARTON, BOROUGH OF	340364
MENDHAM, TOWNSHIP OF	340511		

<sup>1</sup> No Special Flood Hazard Areas Identified

**Revised Preliminary Date:  
February 26, 2016**



**Federal Emergency Management Agency**

FLOOD INSURANCE STUDY NUMBER  
34027CV003A

## NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) 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 the 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 (FIRM) panels for this community may contain information (such as floodways and cross sections) that was previously shown separately on the corresponding Flood Boundary and Floodway Map (FBFM) panels. In addition, former flood hazard zone designations have been changed as follows:

Old Zone	New Zone
A1 through A30	AE
B	X (shaded)
C	X (unshaded)

Initial Countywide FIS Effective Date: TBD

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Beaver Dam Brook	Panels 10-11P
Black Brook B	Panels 12-14P
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Budd Lake Tributary	Panel 17P
Burnett Brook	Panels 18-26P
Conlon Pond Brook	Panels 27-38P

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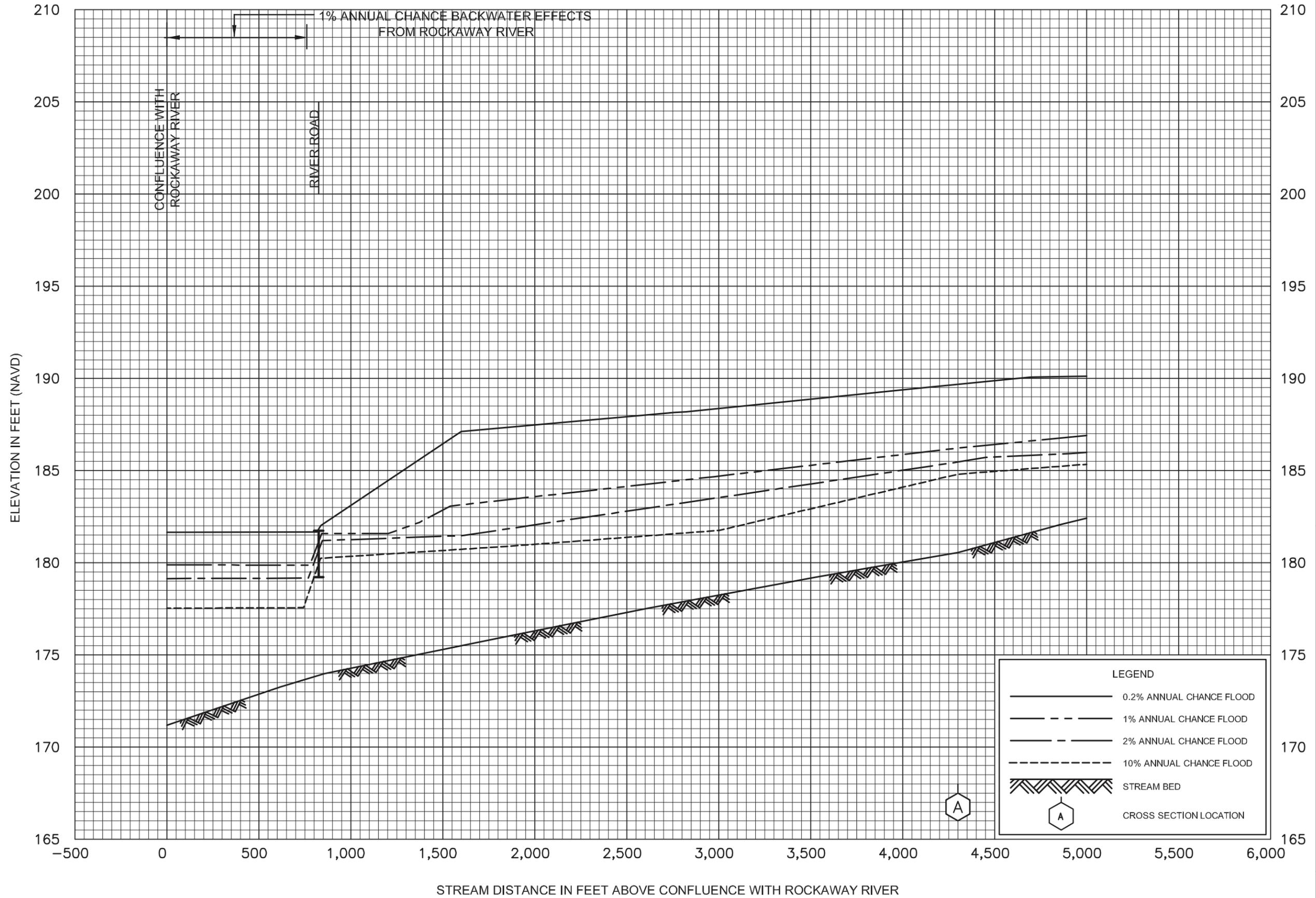
EXHIBITS – continued

Troy Brook	Panels 450-460P
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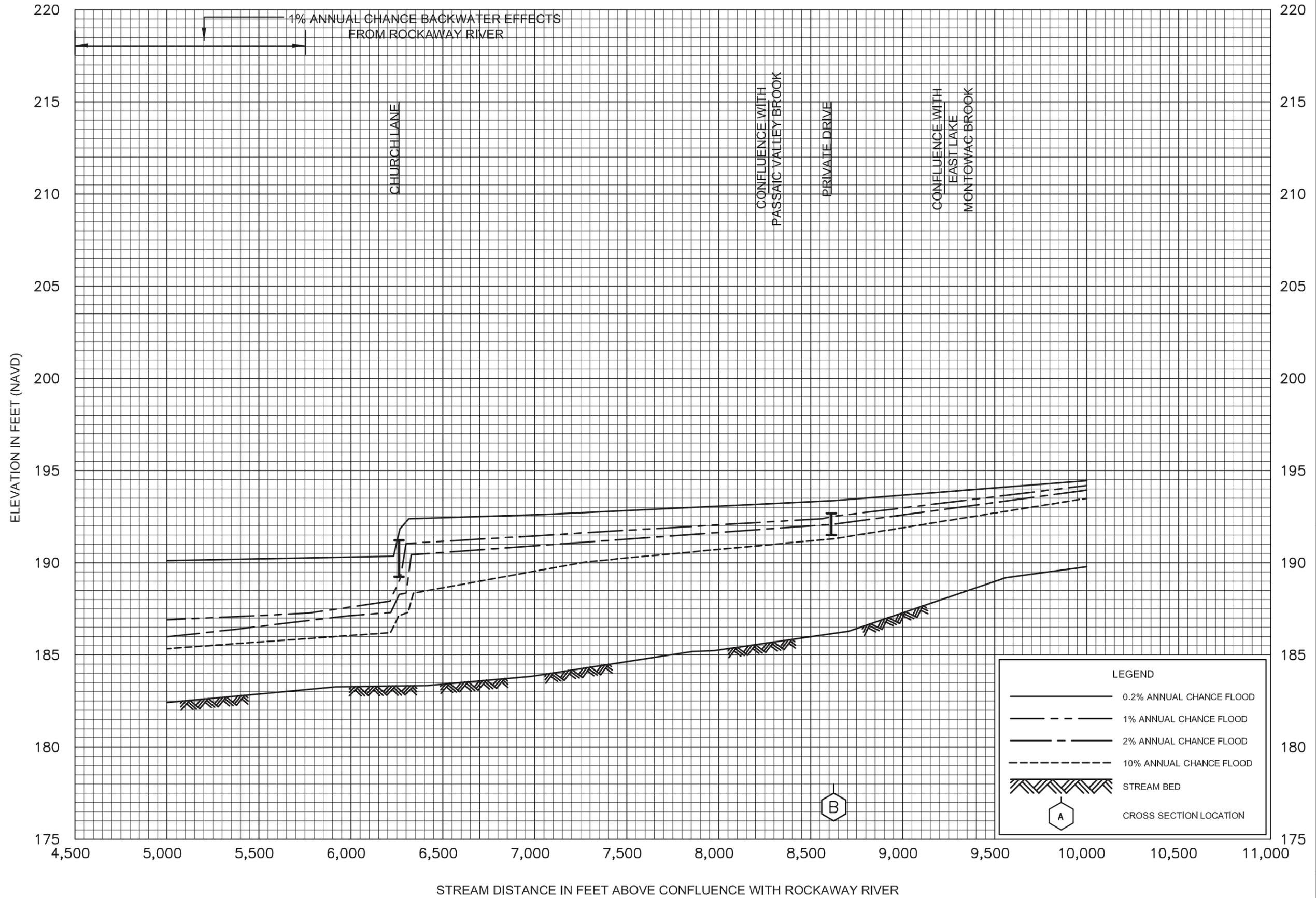
EXHIBITS – continued

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FLOOD PROFILES  
 CROOKED BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 MORRIS COUNTY, NJ  
 (ALL JURISDICTIONS)

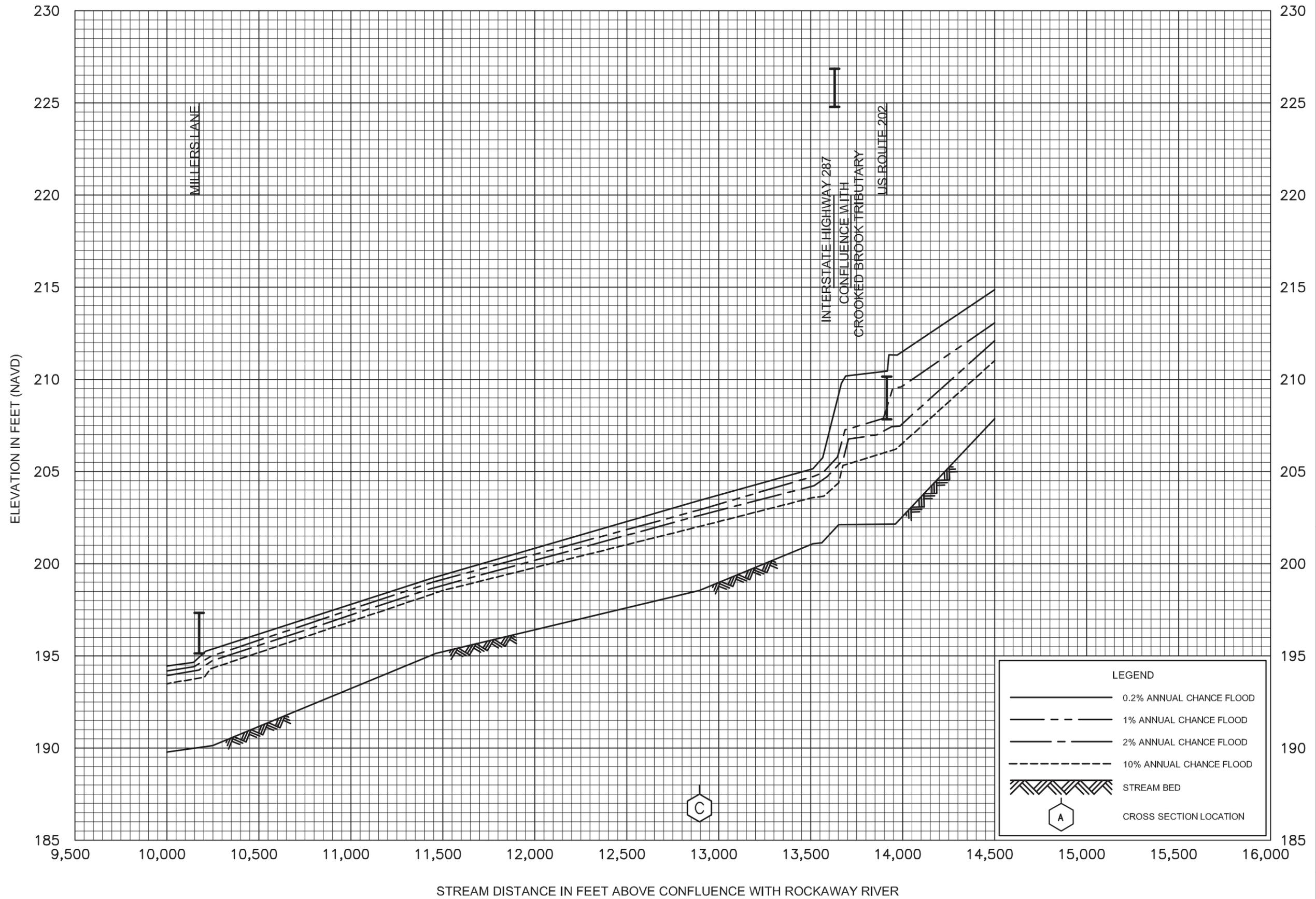


FLOOD PROFILES

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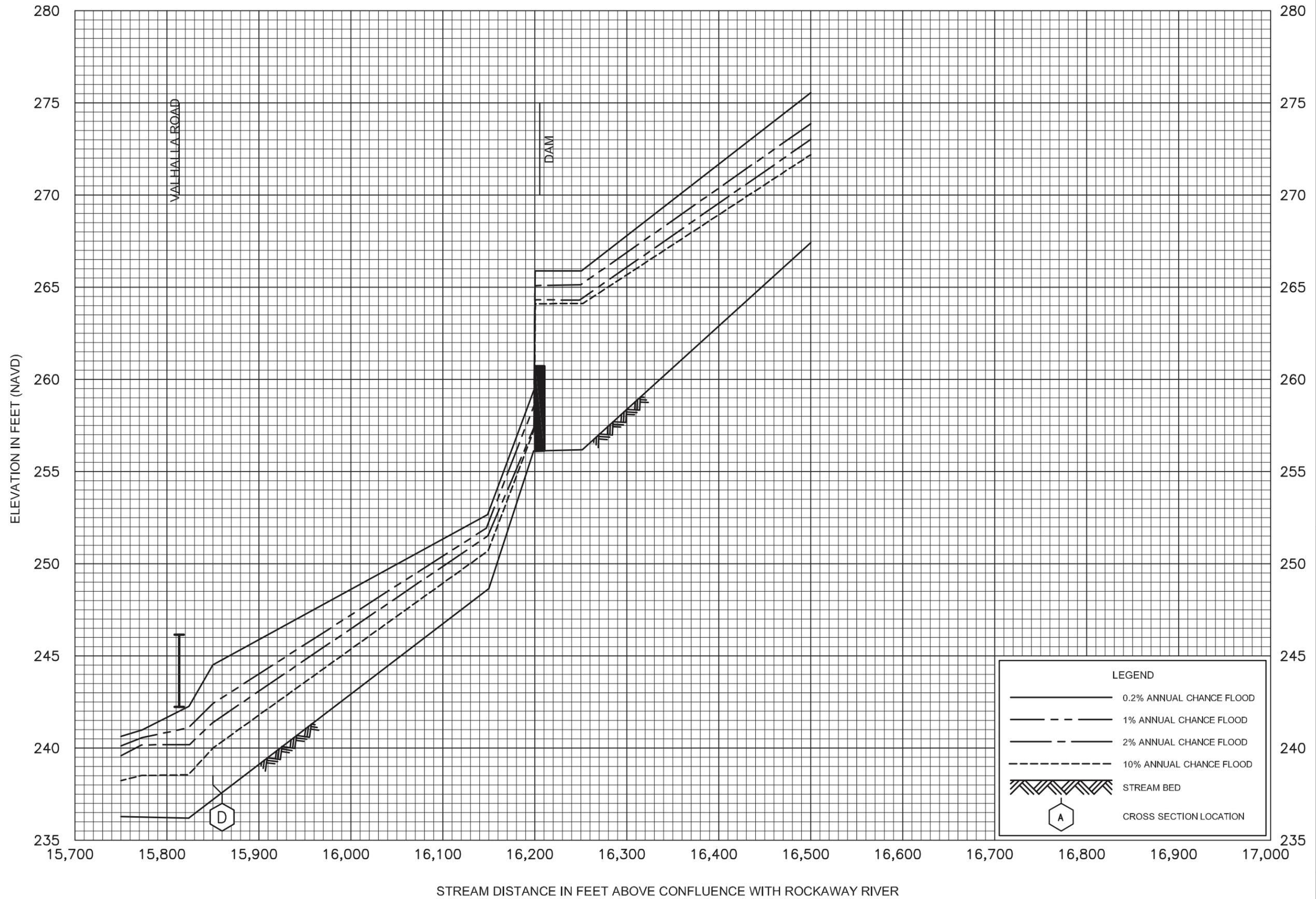
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- - - 1% ANNUAL CHANCE FLOOD
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- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
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**FLOOD PROFILES**  
**CROOKED BROOK**

**41P**





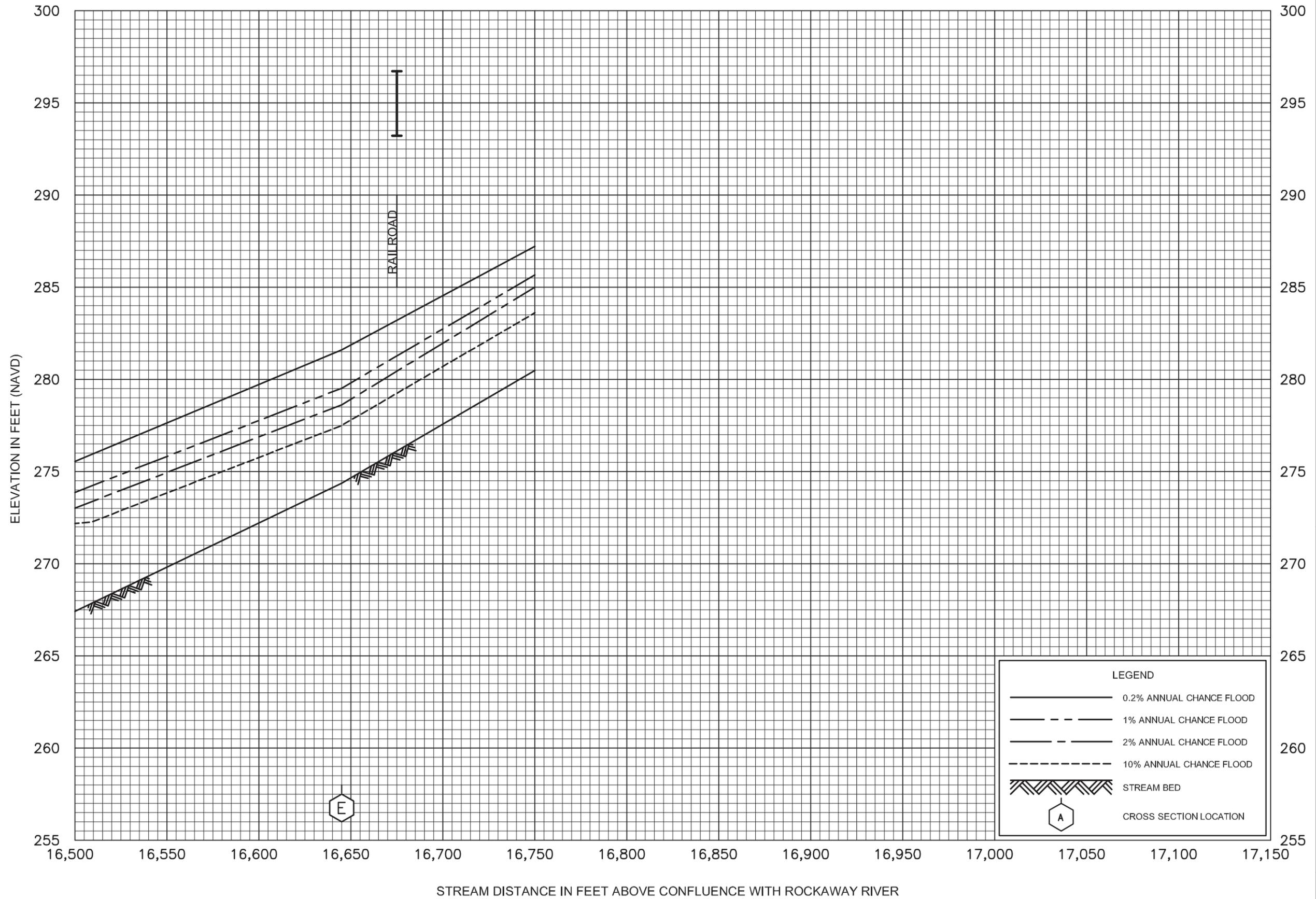
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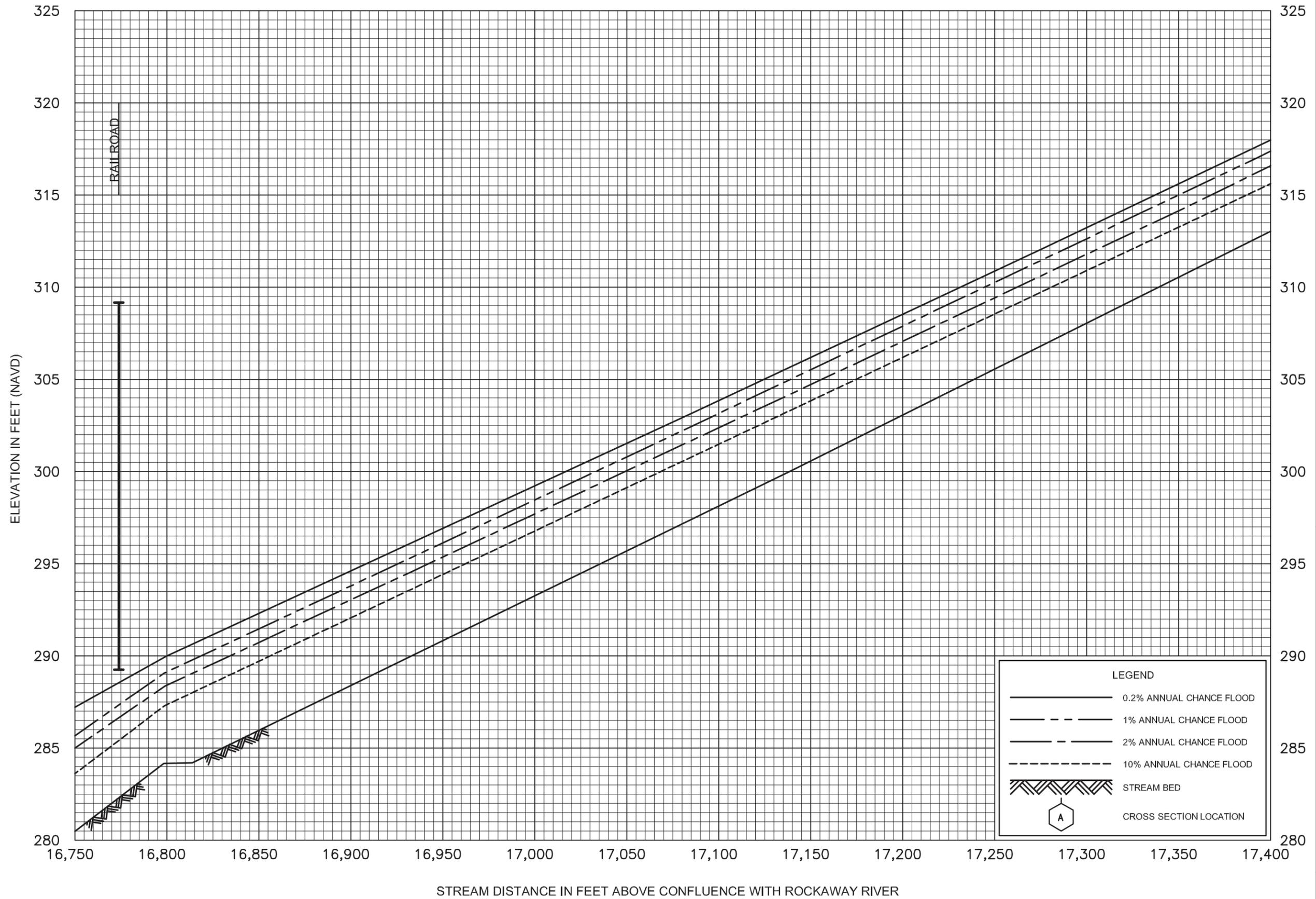
MORRIS COUNTY, NJ  
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43P



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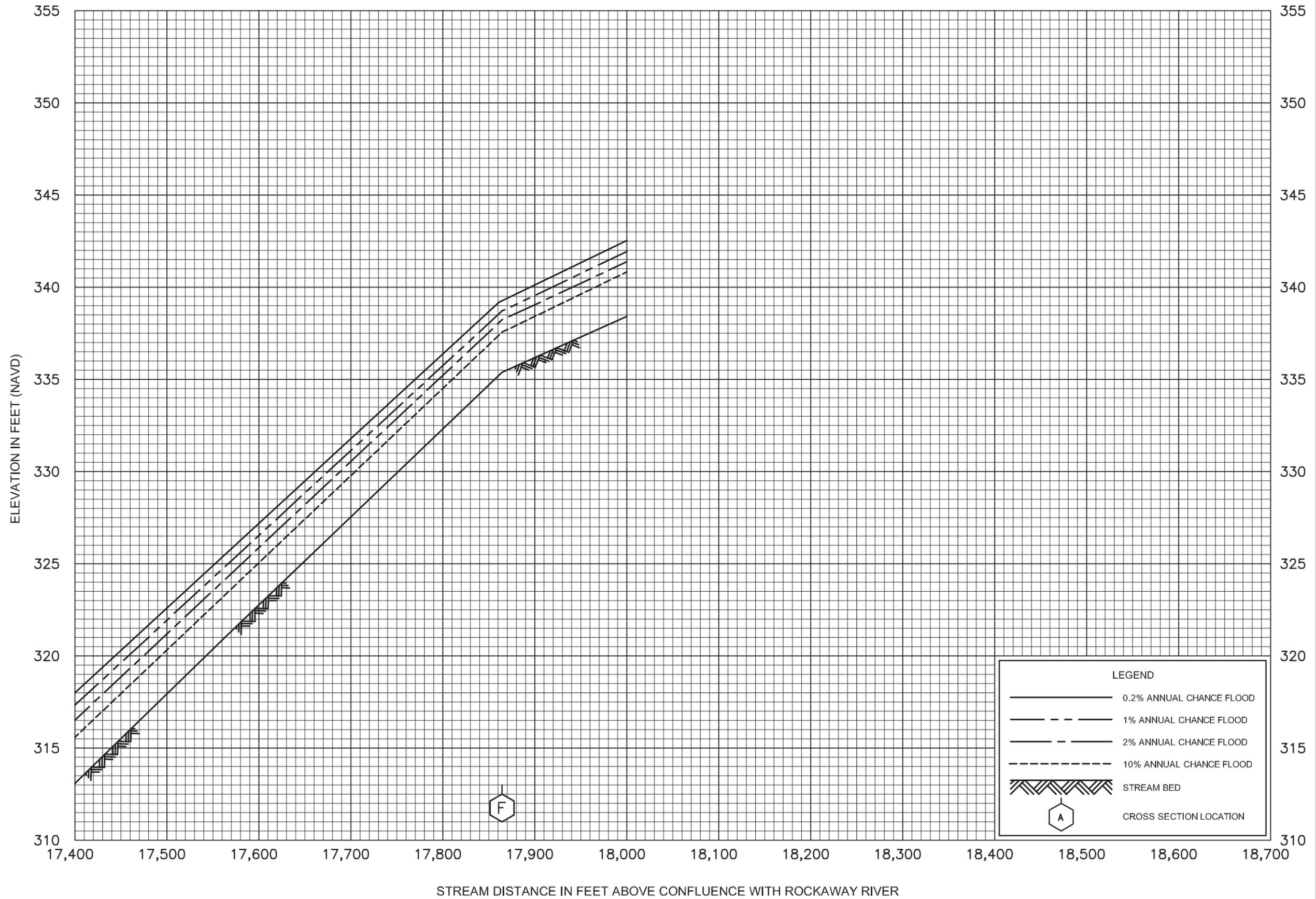
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45P

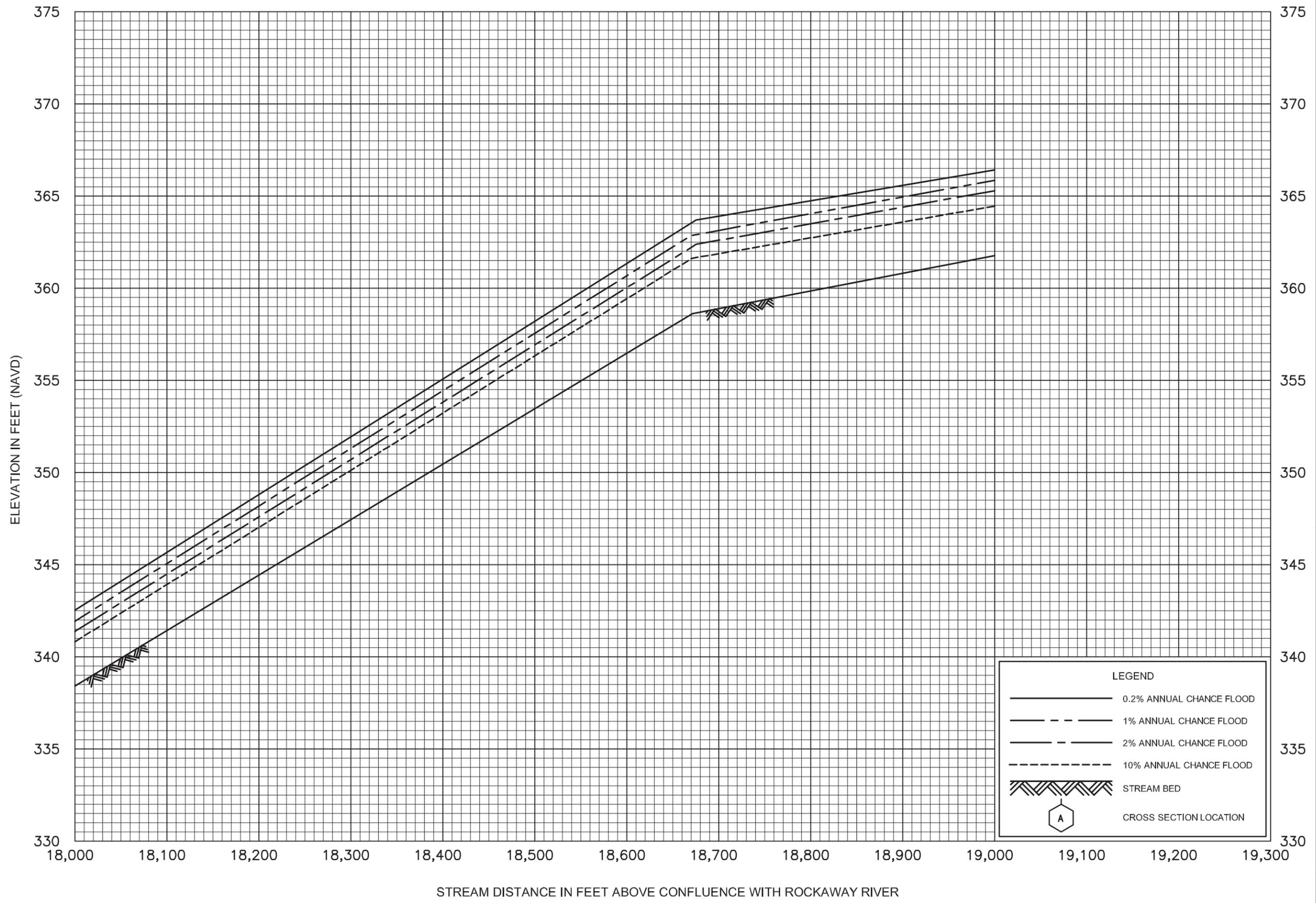


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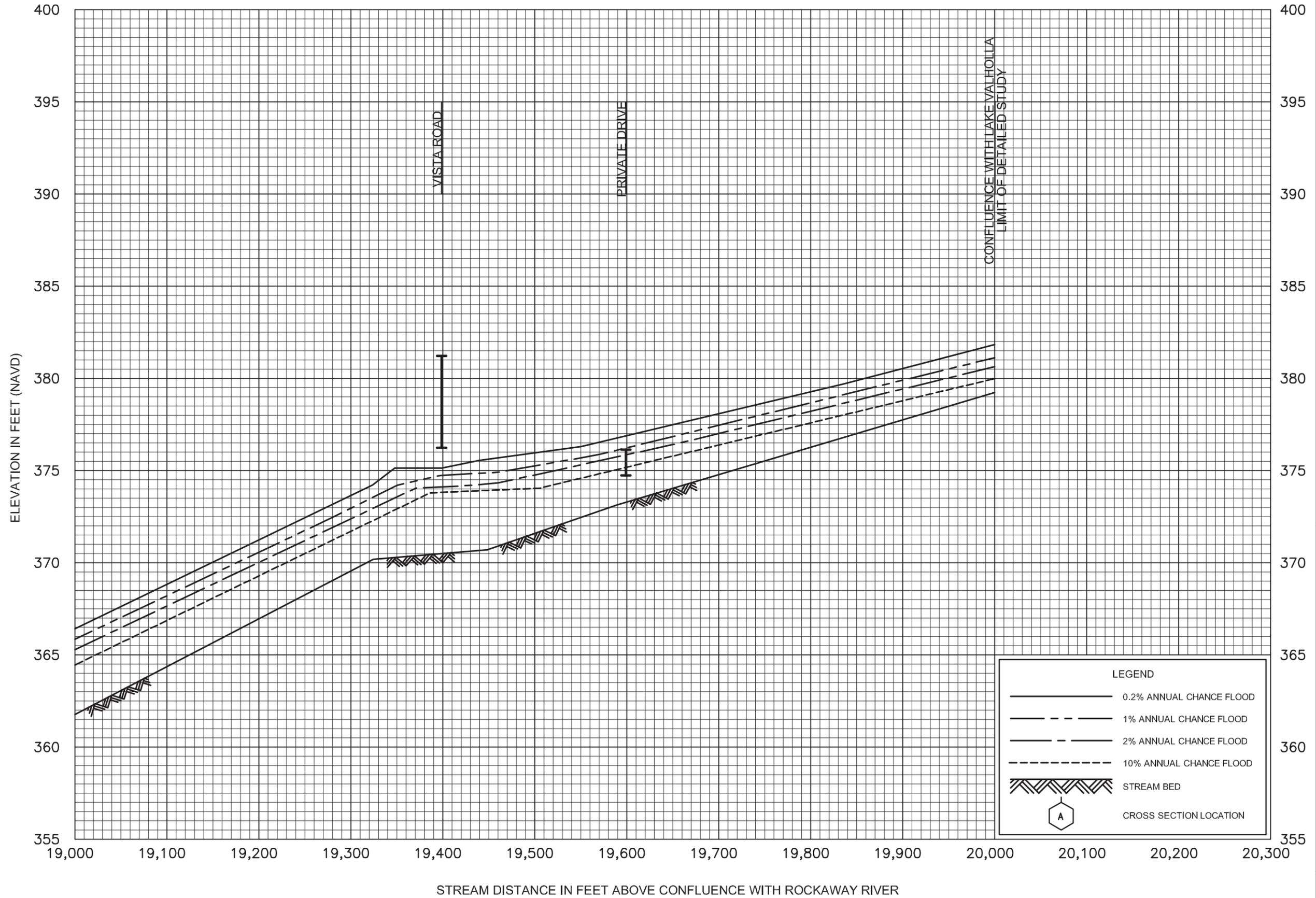
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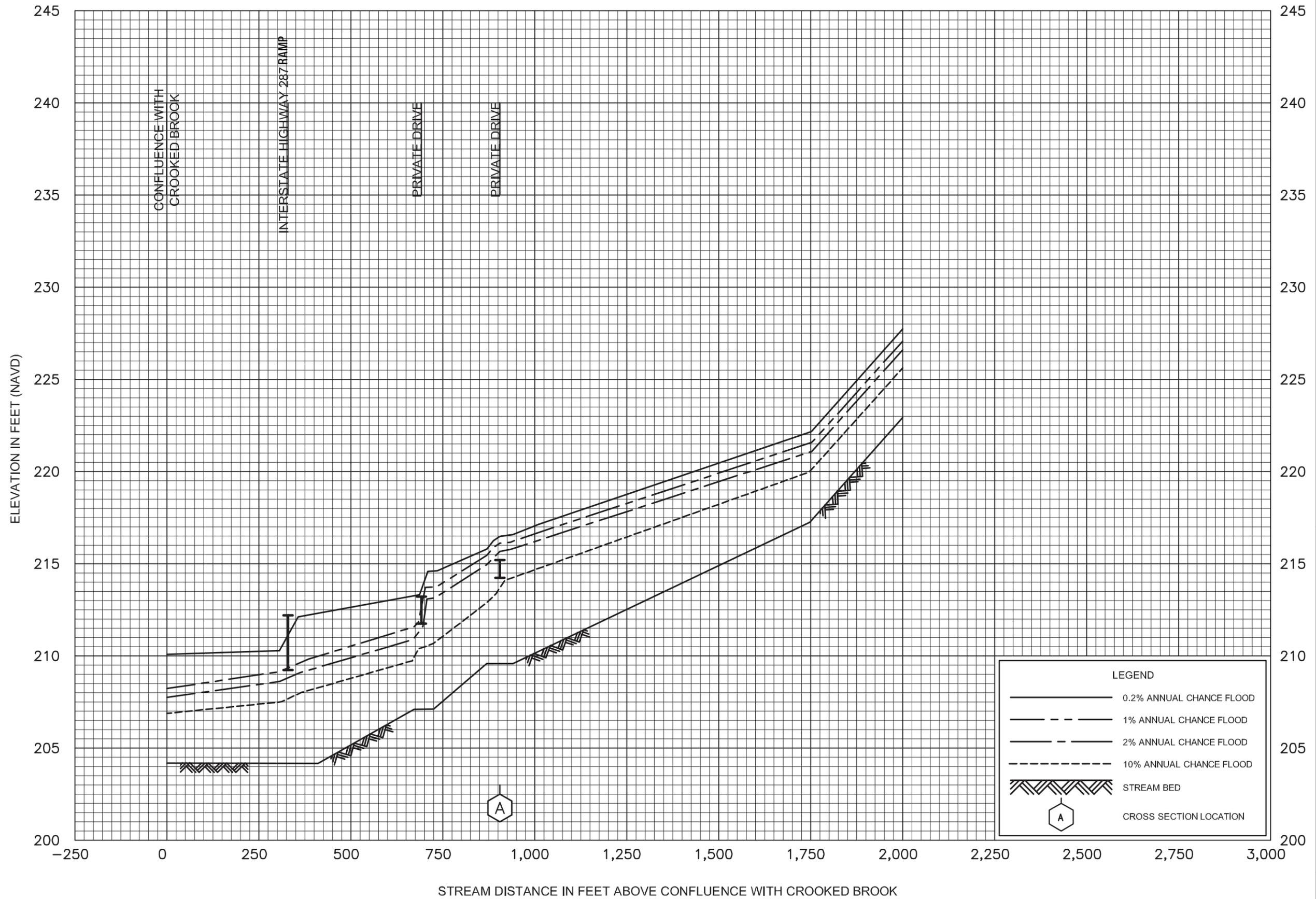
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48P

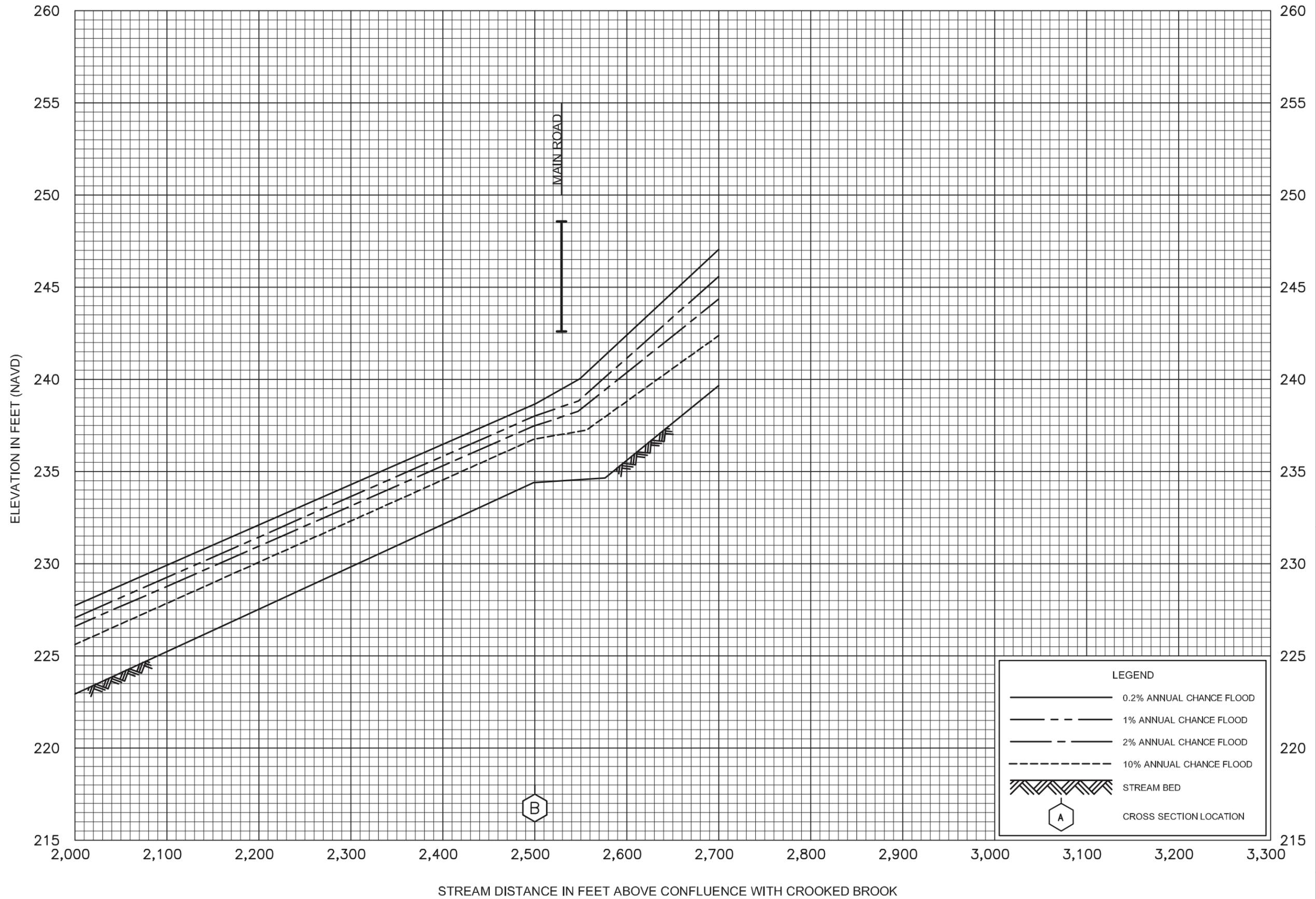


FLOOD PROFILES

CROOKED BROOK TRIBUTARY

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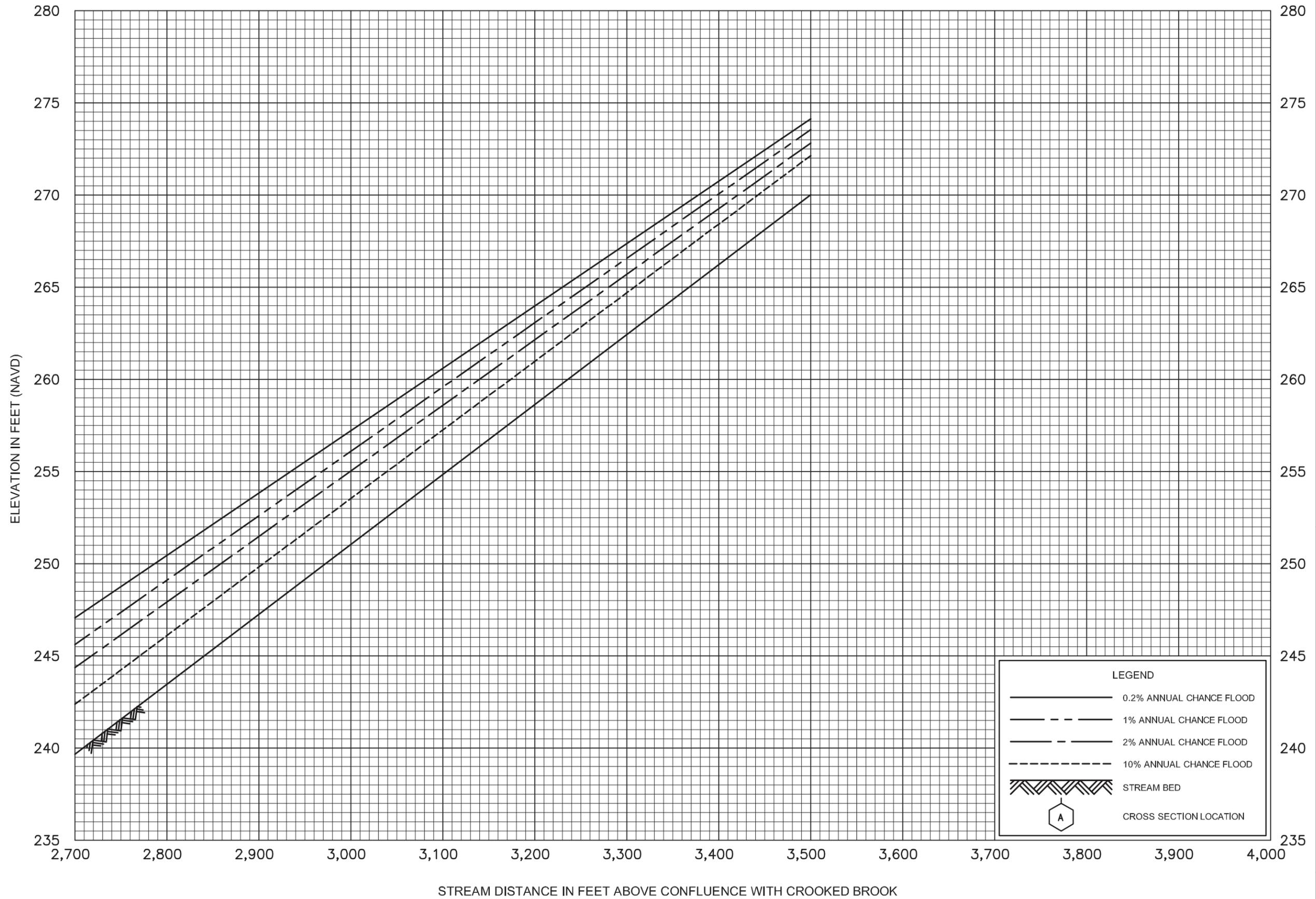
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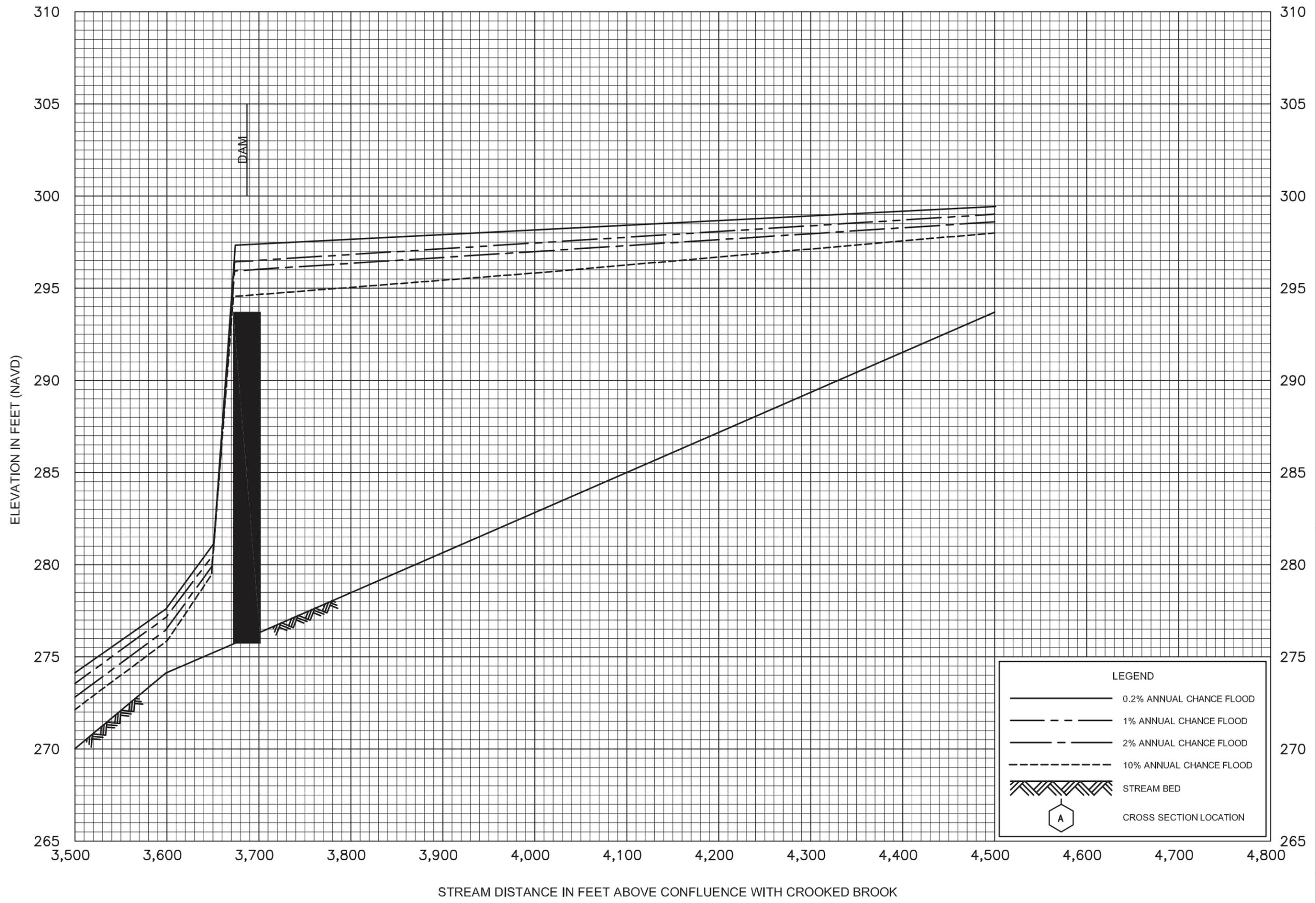
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51P



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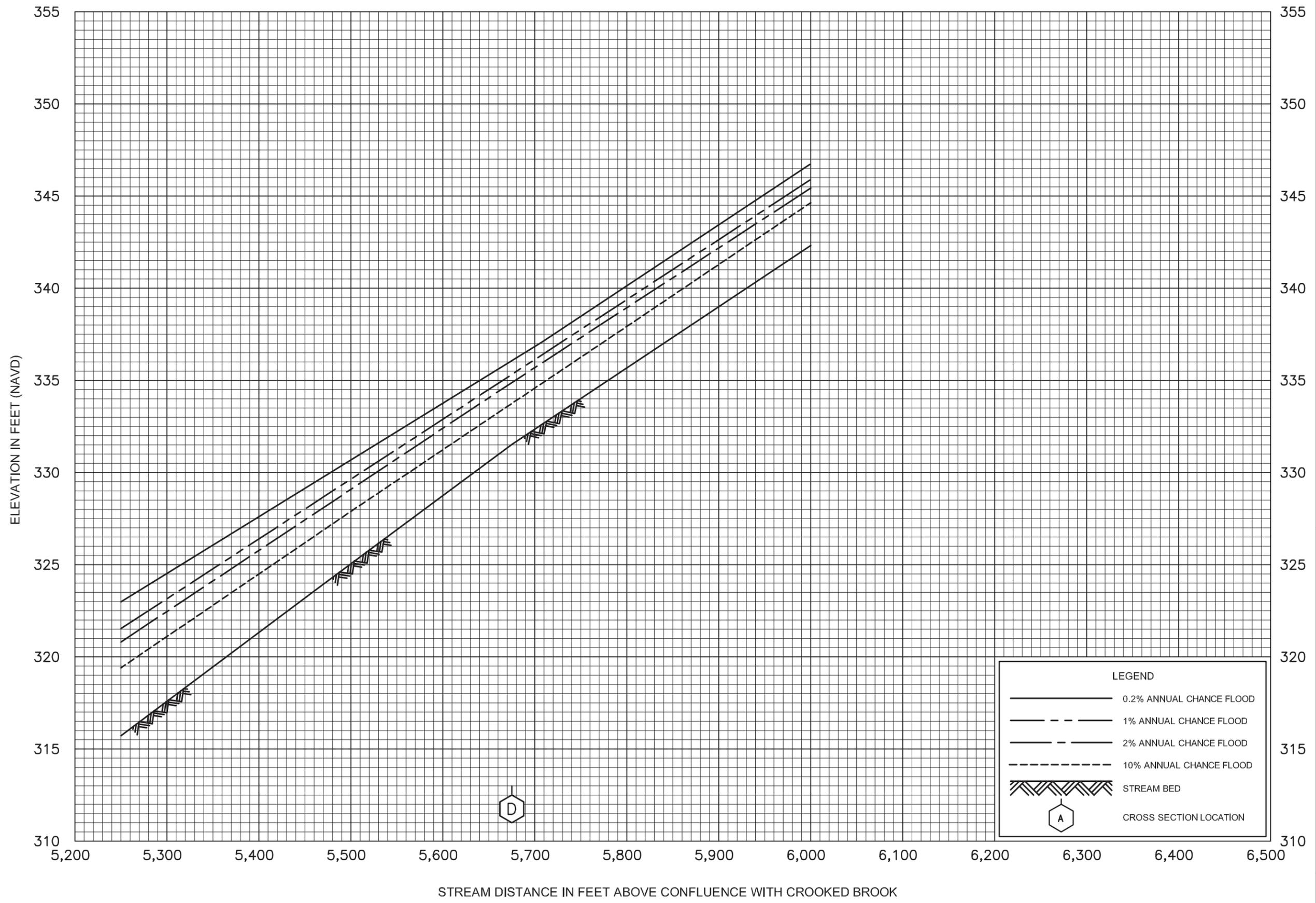
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- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MORRIS COUNTY, NJ**  
 (ALL JURISDICTIONS)

FLOOD PROFILES  
 CROOKED BROOK TRIBUTARY

**52P**

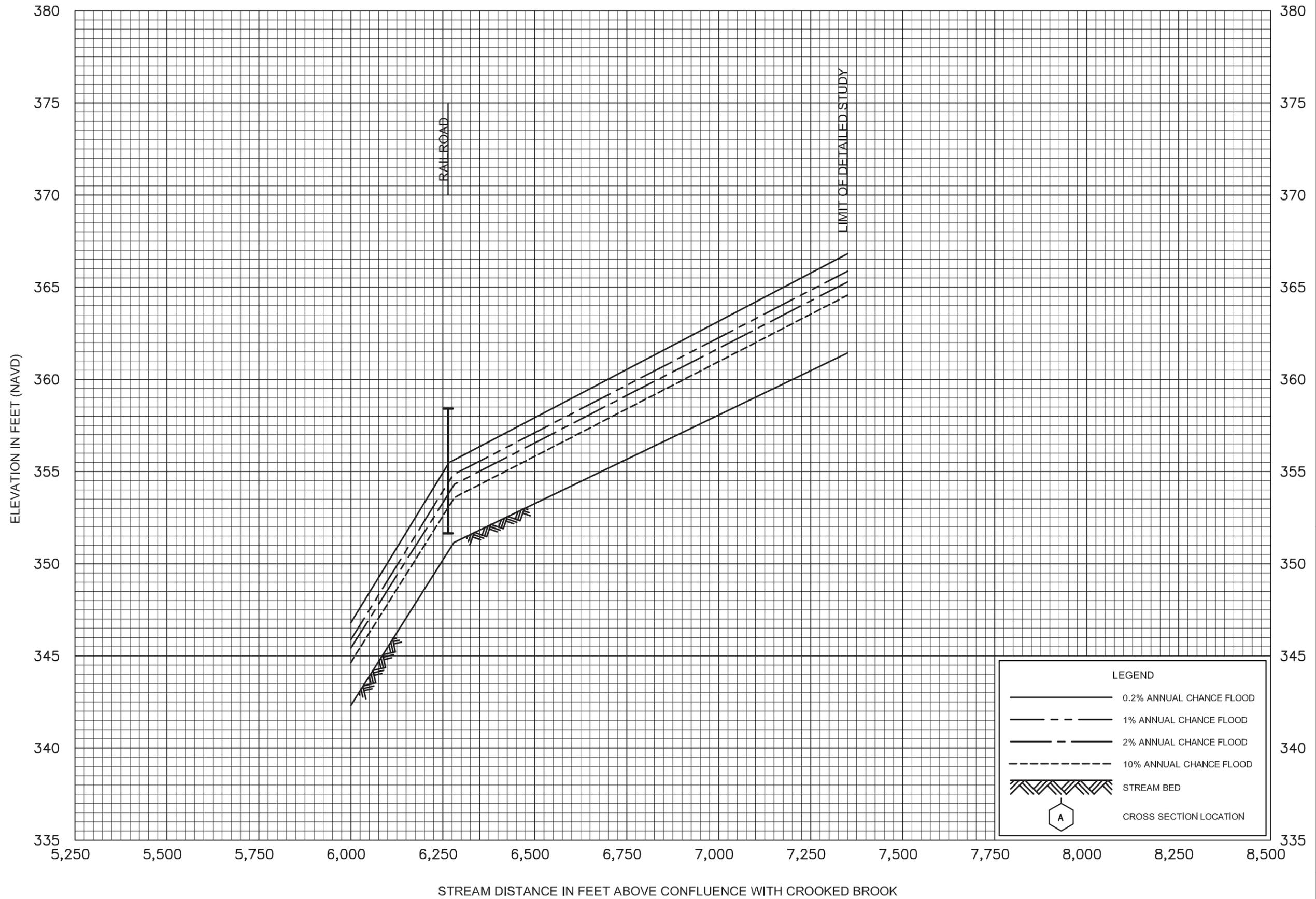




FLOOD PROFILES  
CROOKED BROOK TRIBUTARY

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**54P**



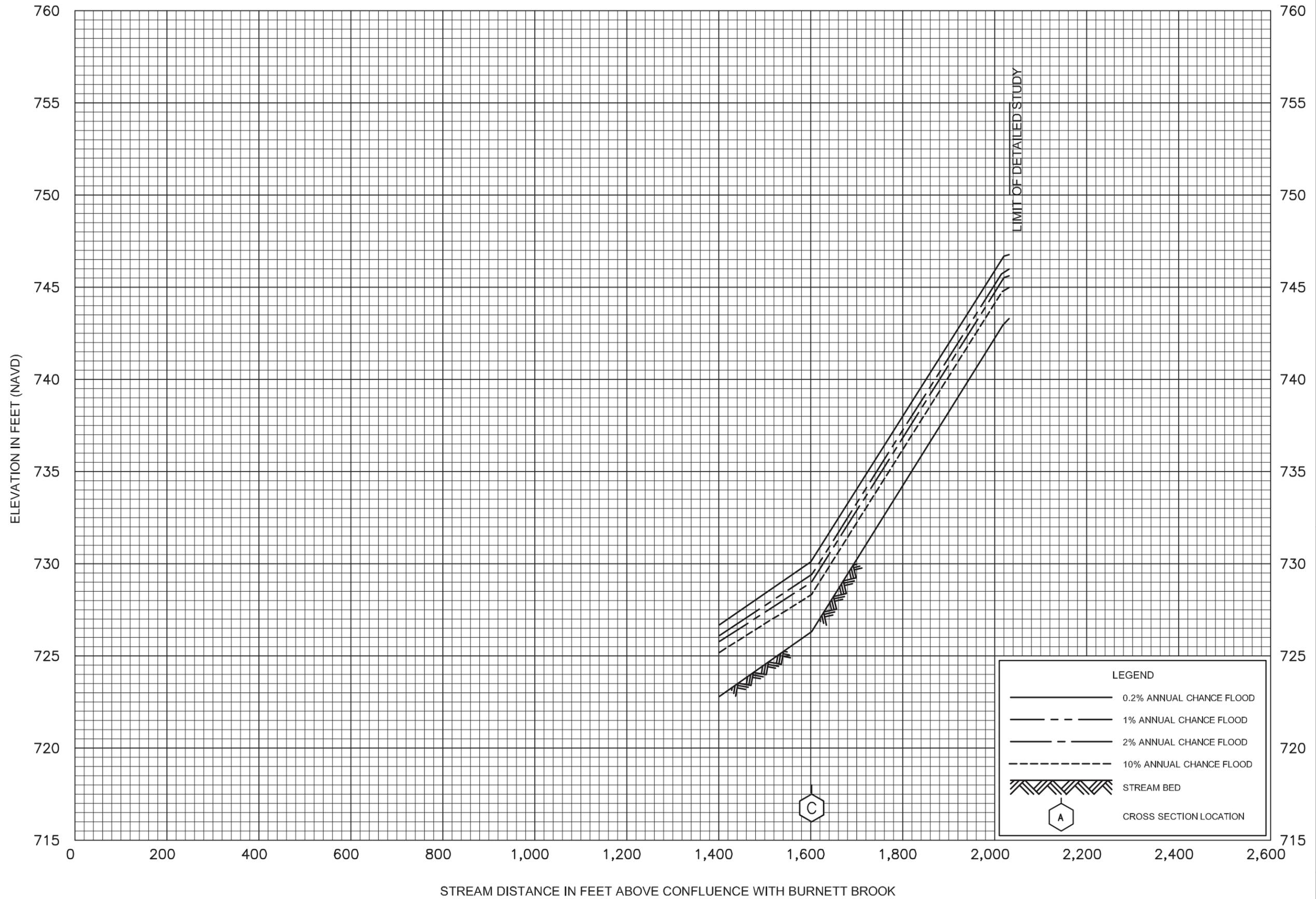
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- · · 10% ANNUAL CHANCE FLOOD
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**MORRIS COUNTY, NJ**  
 (ALL JURISDICTIONS)

FLOOD PROFILES  
 CROOKED BROOK TRIBUTARY





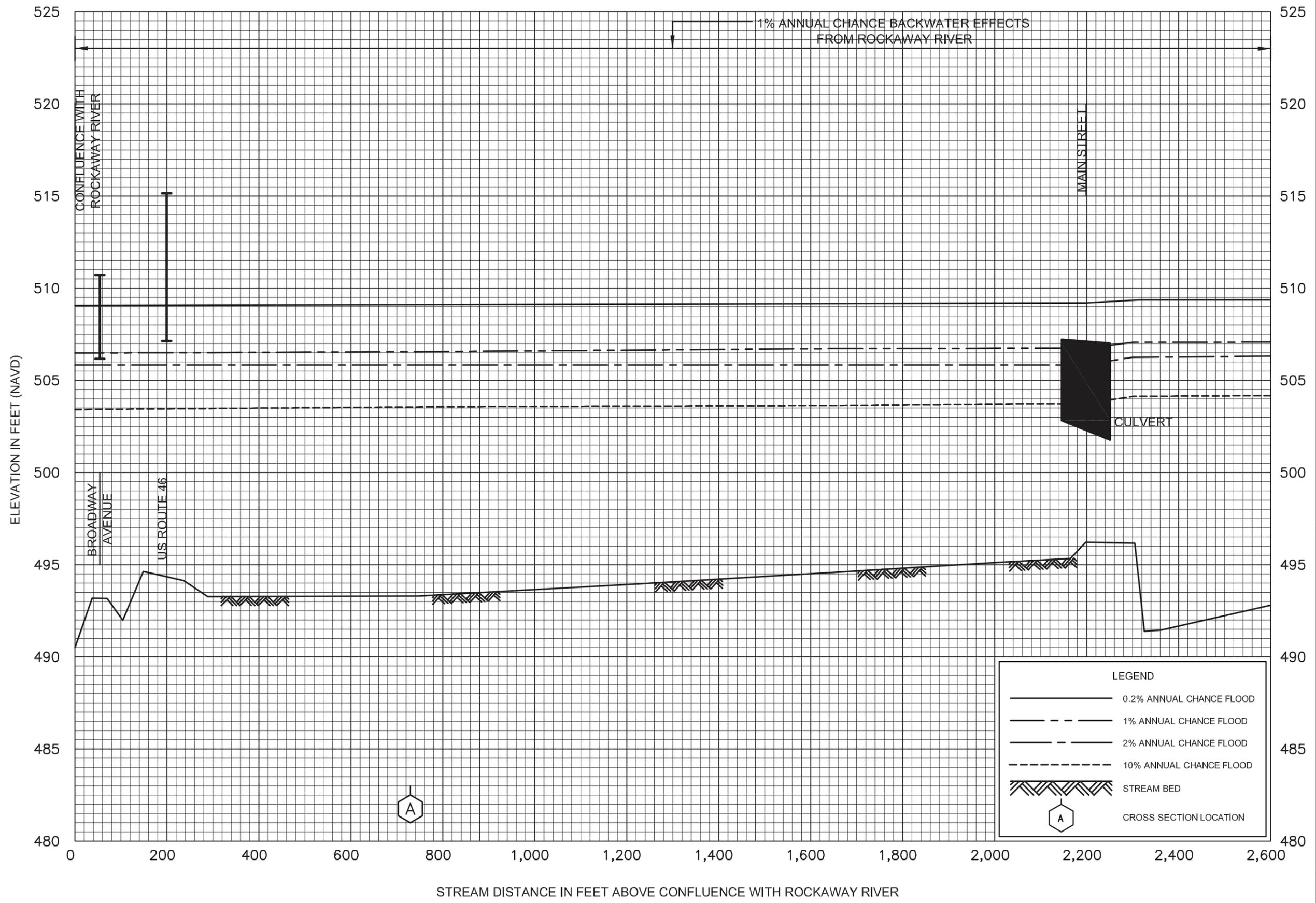
FLOOD PROFILES

DAWSONS BROOK

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MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

57P



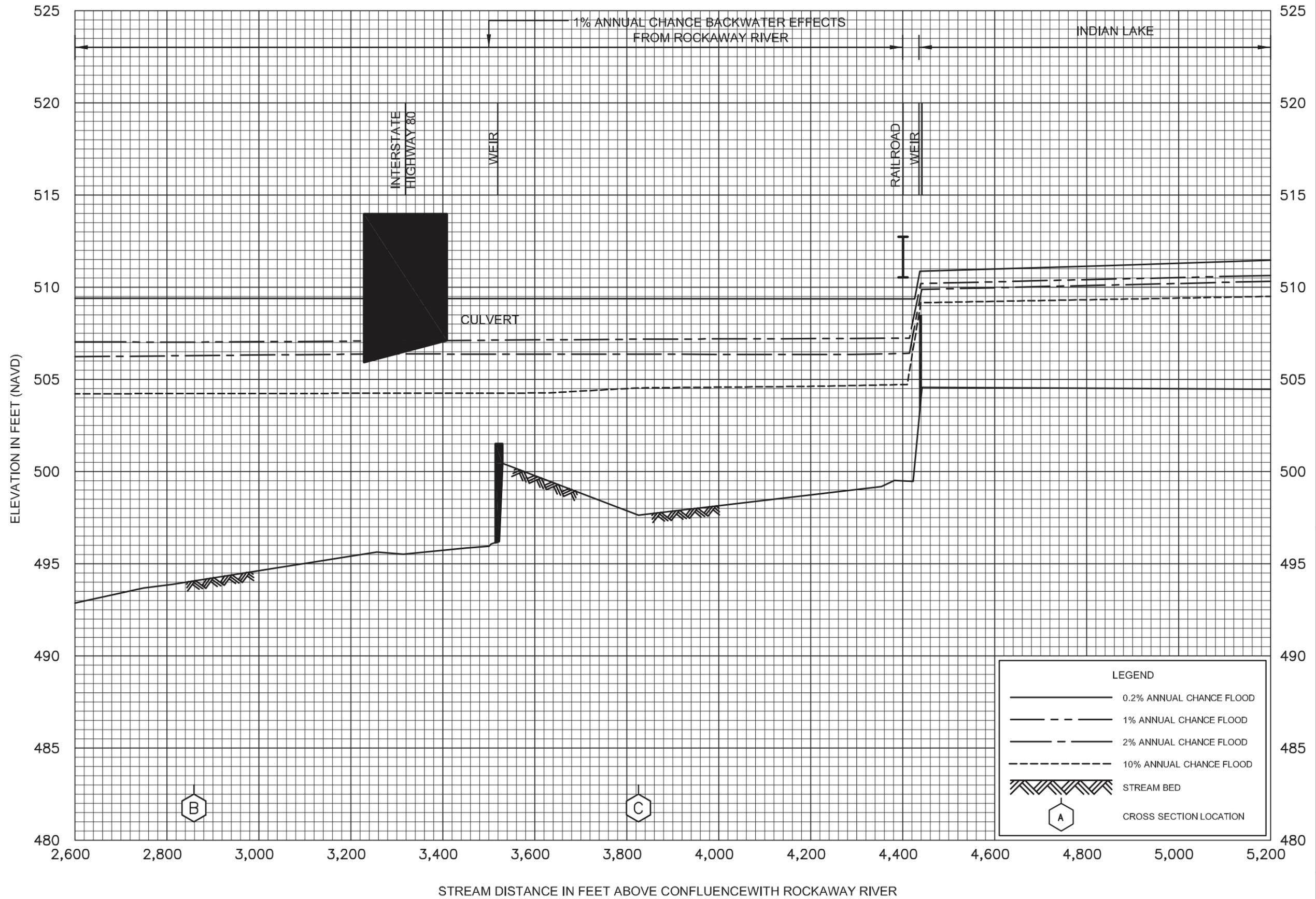
FLOOD PROFILES

DEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

58P



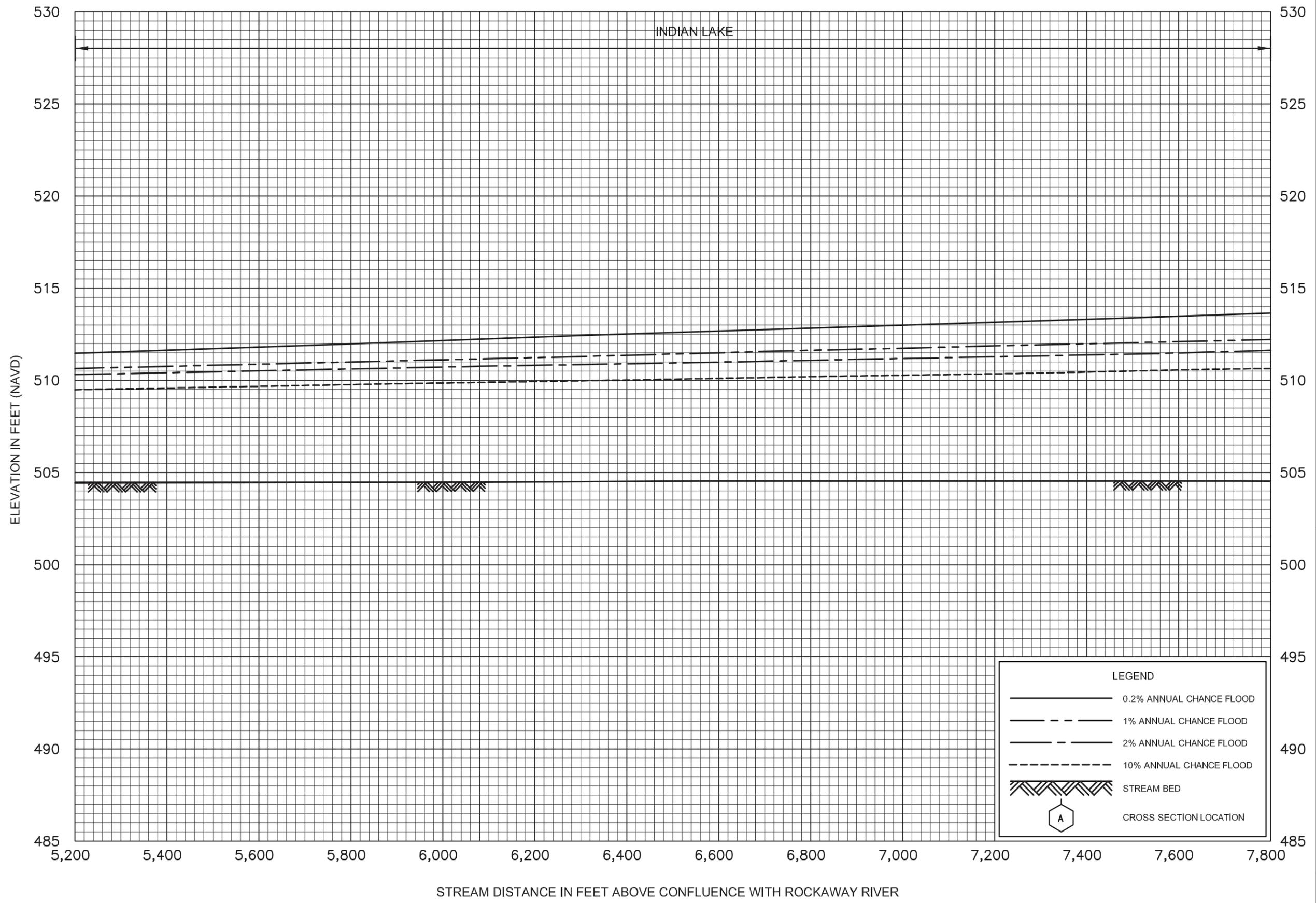
FLOOD PROFILES

DEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

59P



**LEGEND**

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- - - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES

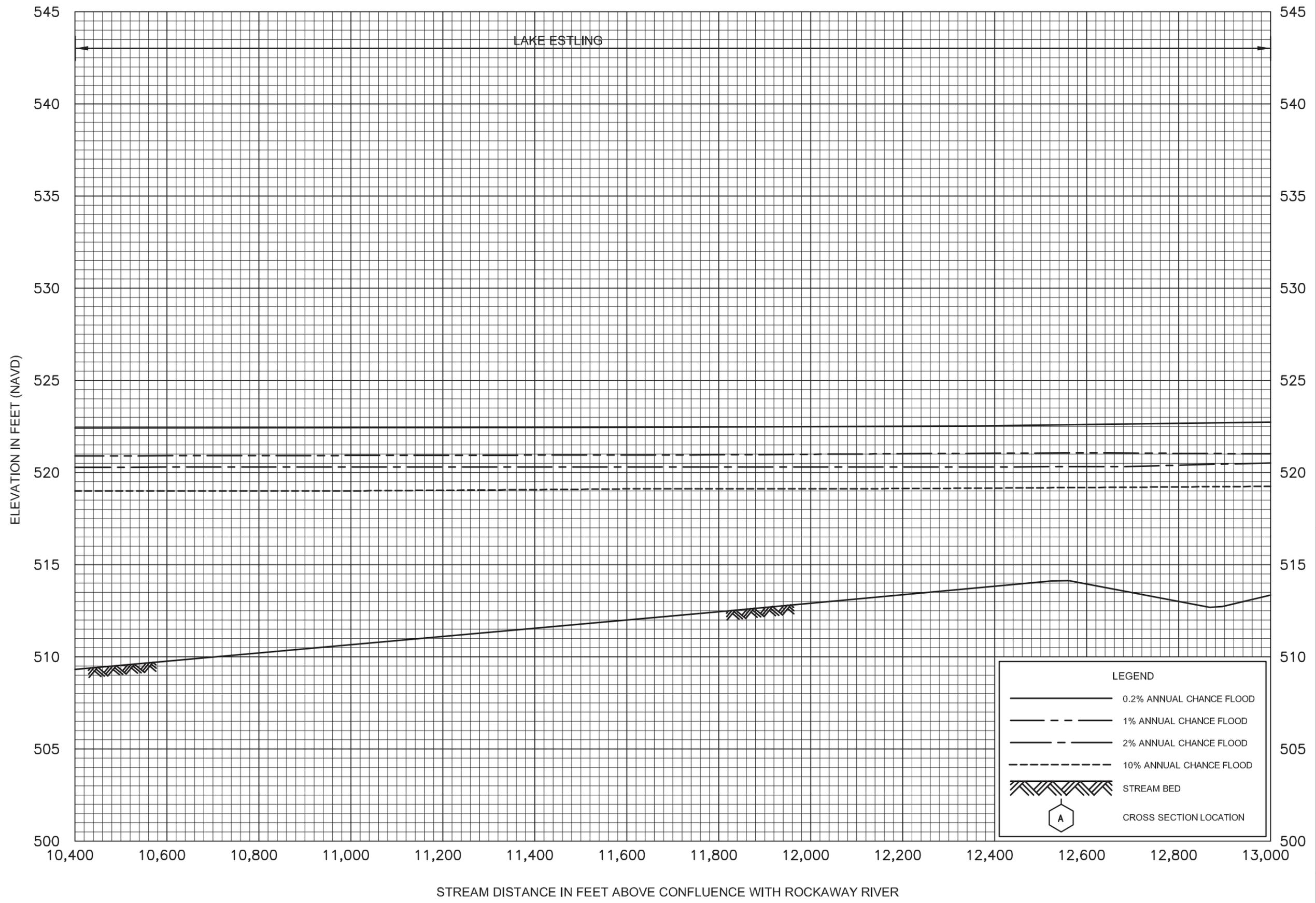
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MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

**60P**





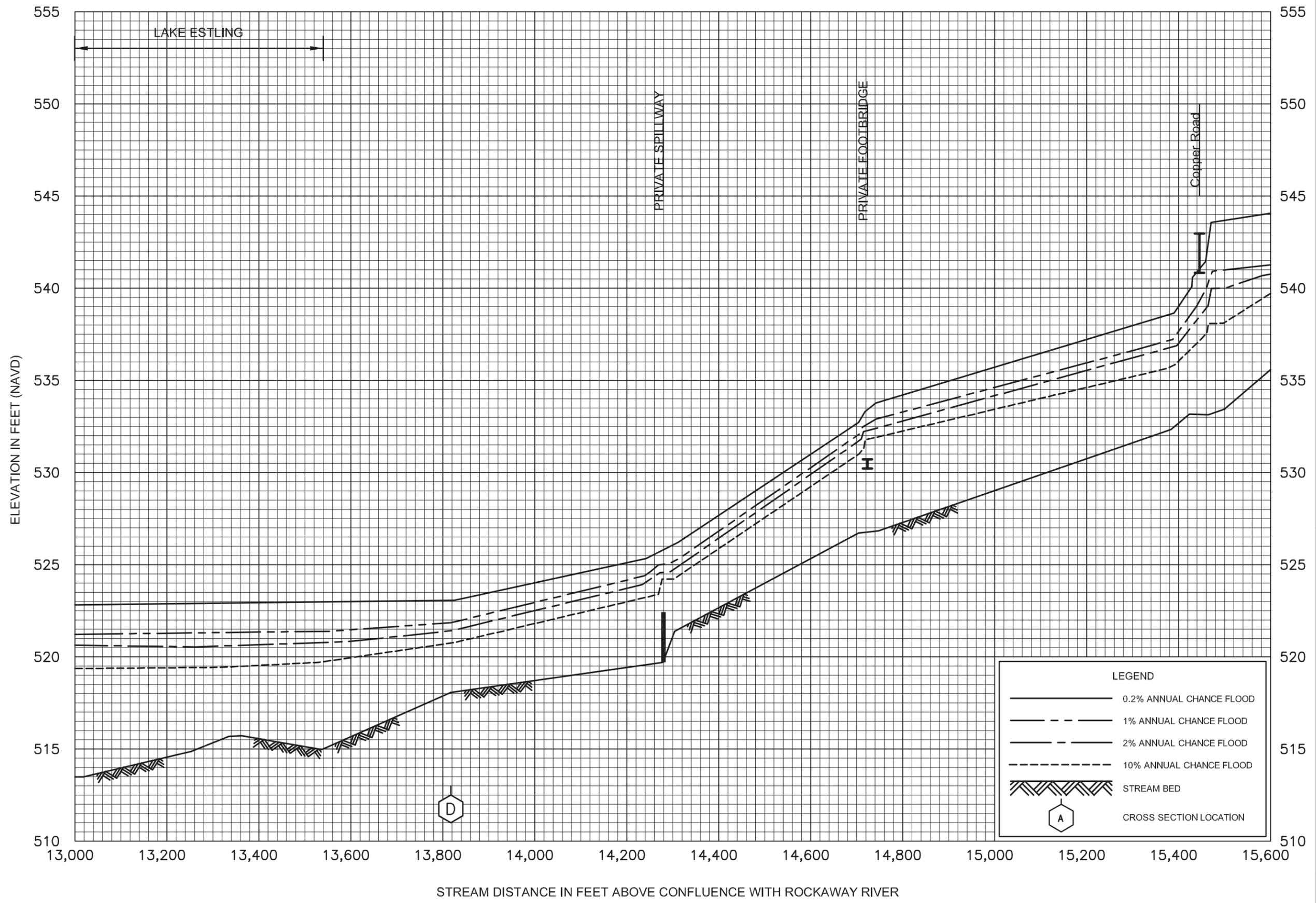
FLOOD PROFILES

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FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

62P



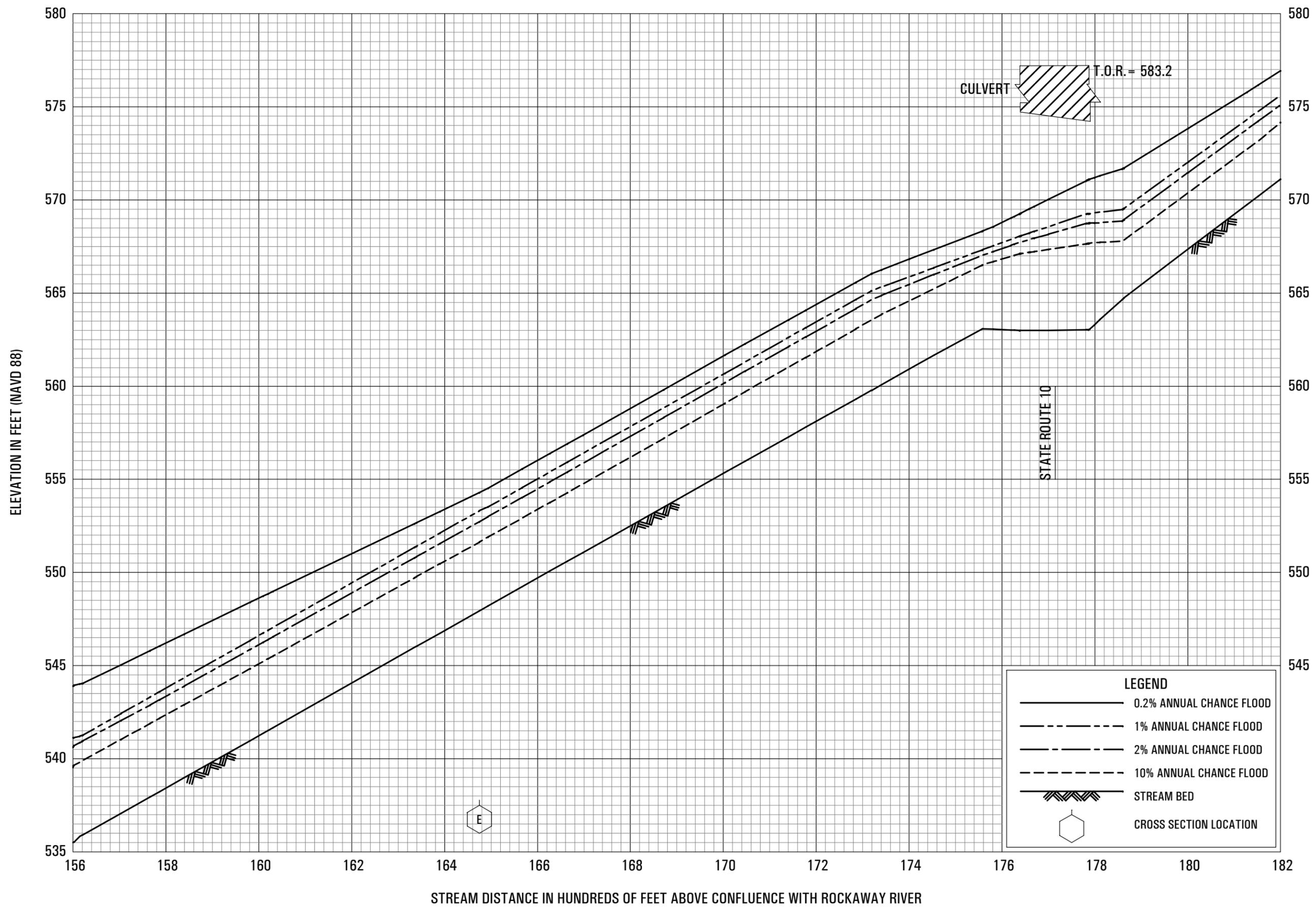
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MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

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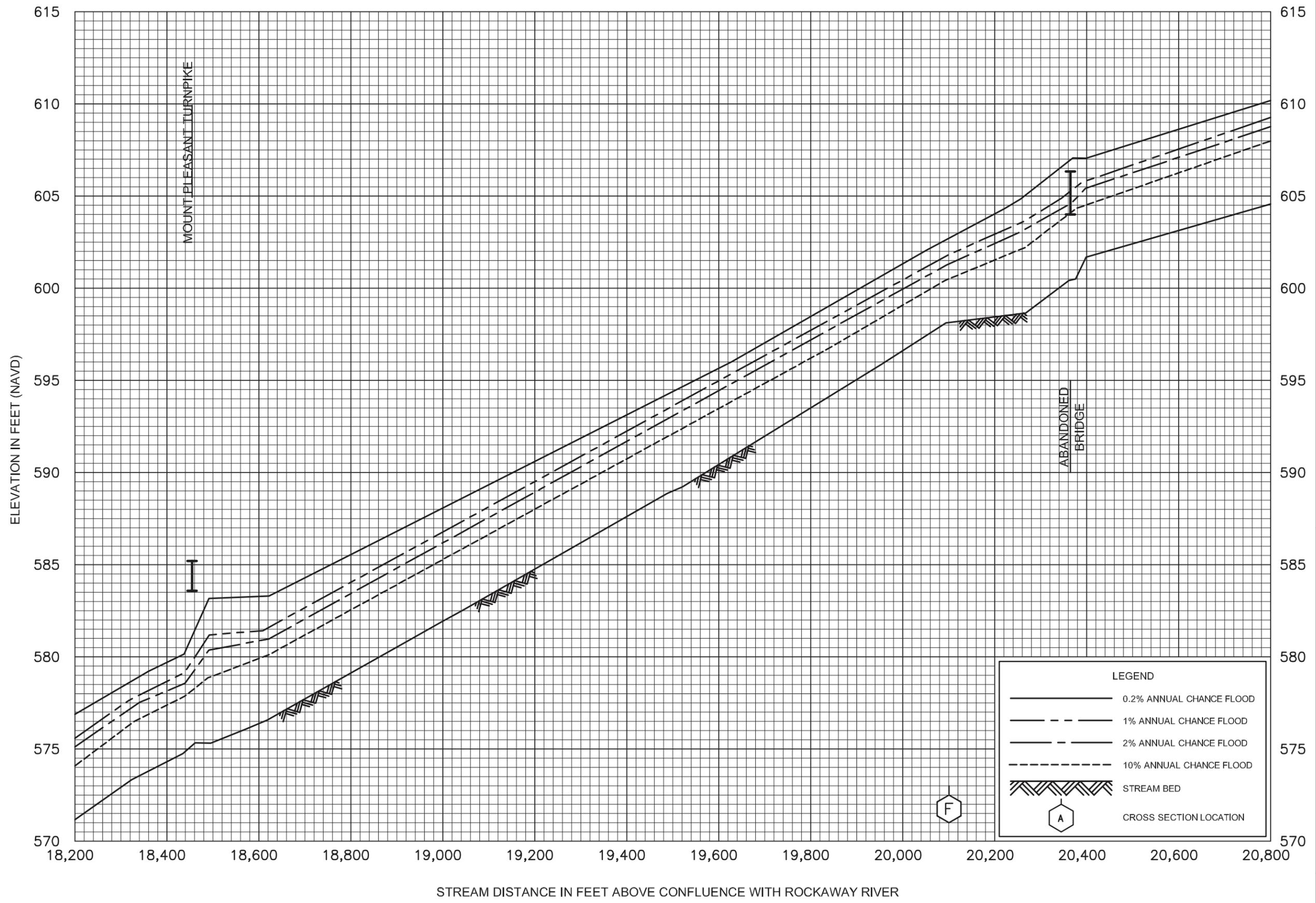
**FLOOD PROFILES**

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**MORRIS COUNTY, NJ**

(ALL JURISDICTIONS)

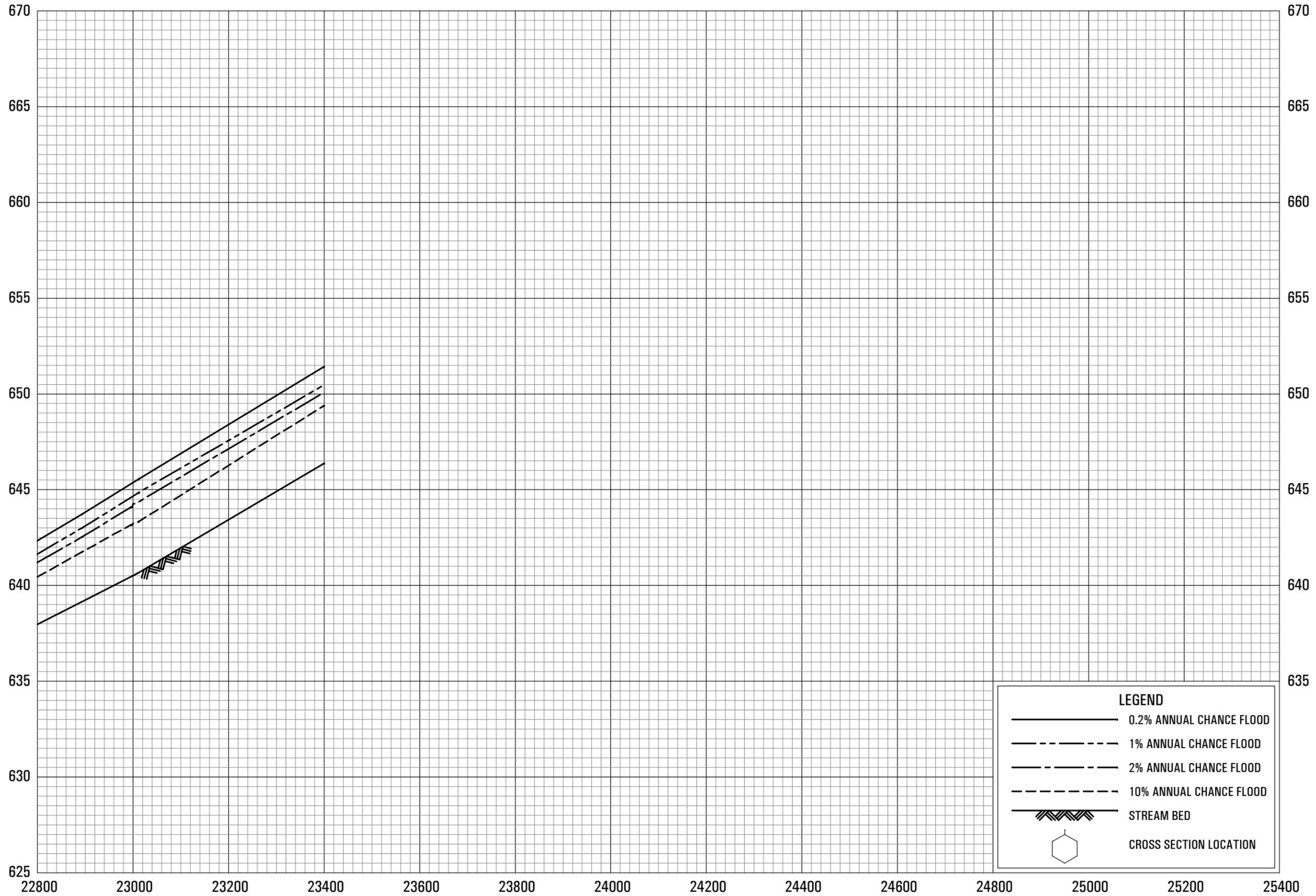


FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MORRIS COUNTY, NJ**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
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ELEVATION IN FEET (NAVD 88)



**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
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-  STREAM BED
-  CROSS SECTION LOCATION

**FLOOD PROFILES**

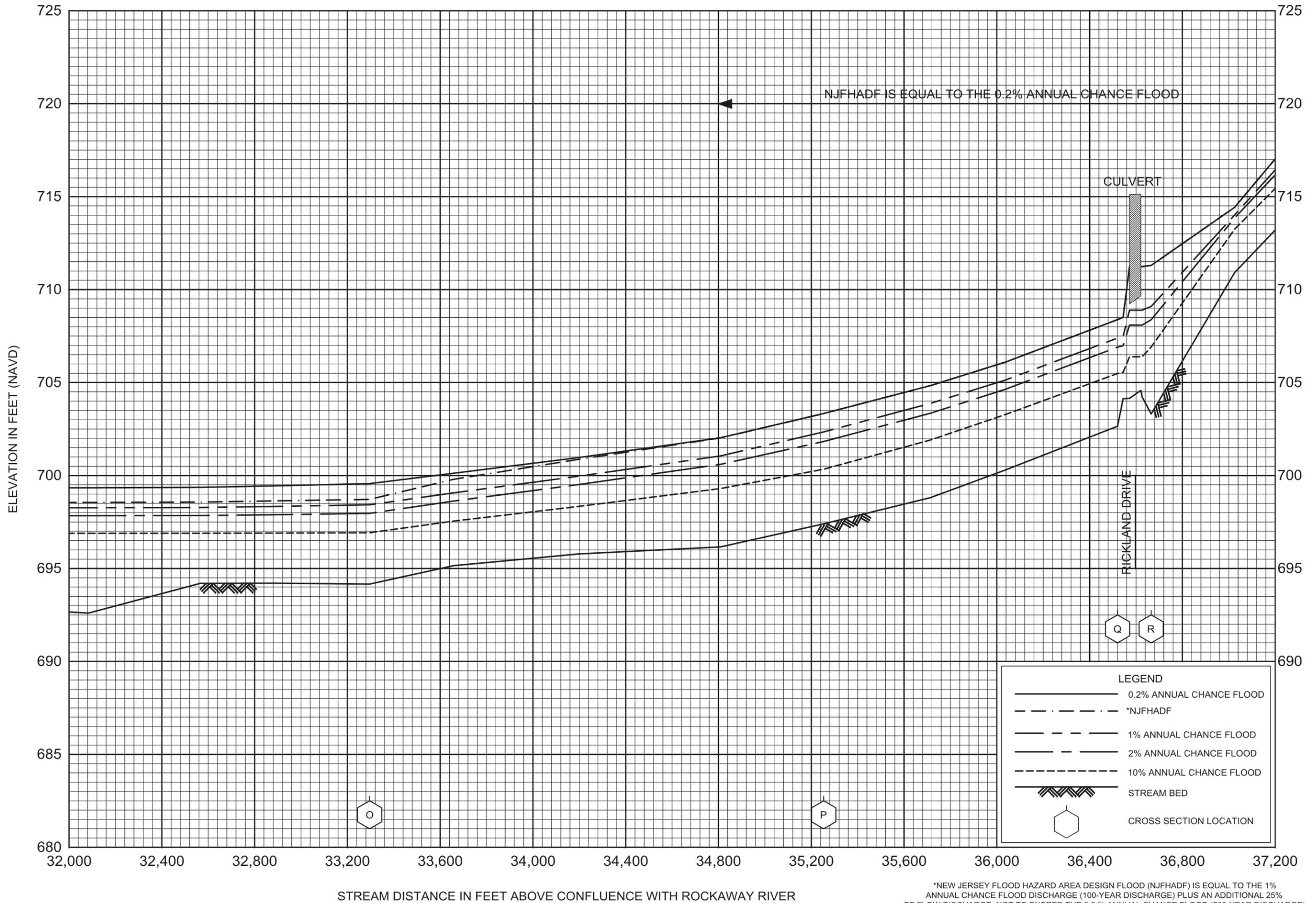
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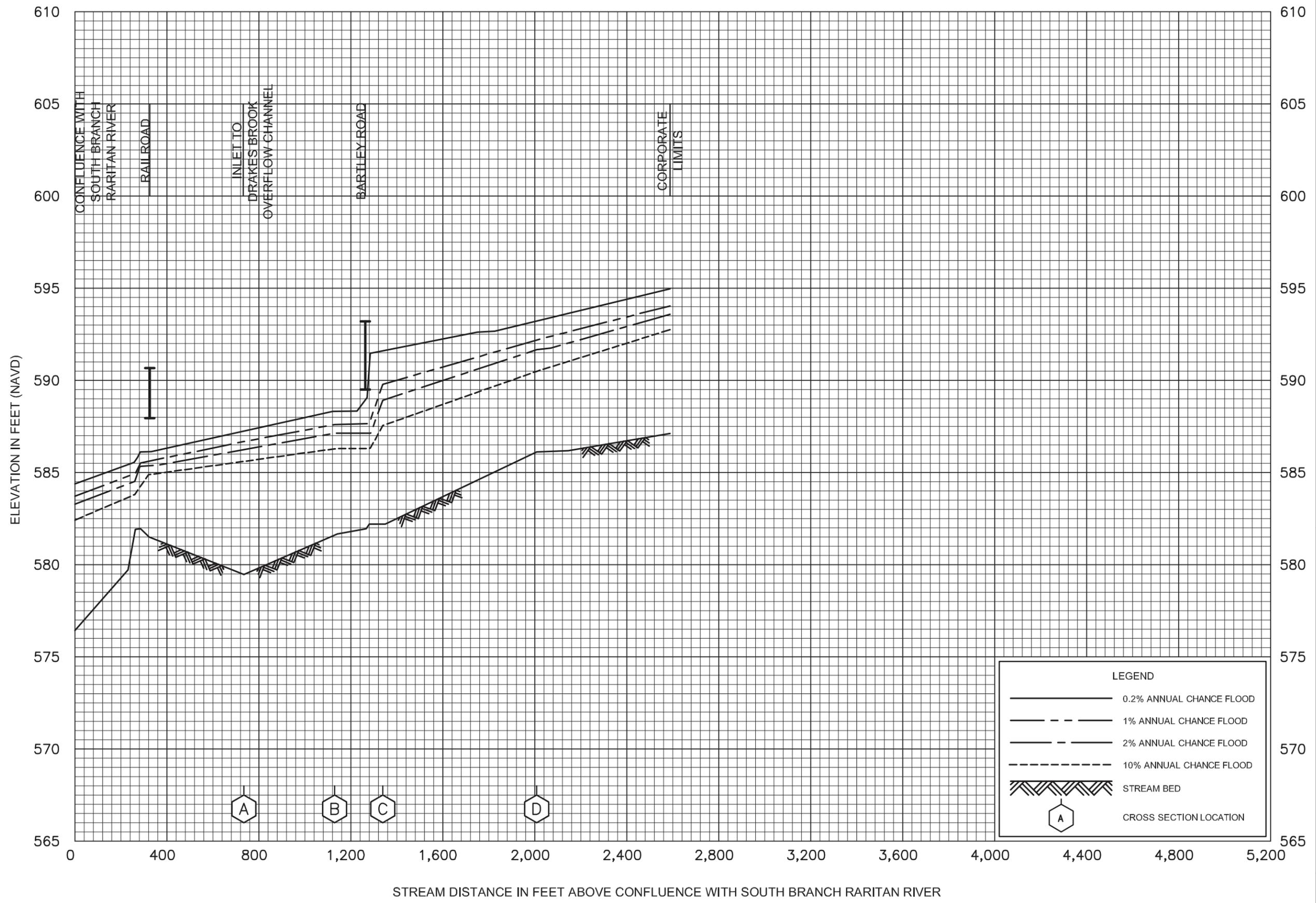


**FLOOD PROFILES**  
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FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MORRIS COUNTY, NJ**  
(ALL JURISDICTIONS)

\*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1% ANNUAL CHANCE FLOOD DISCHARGE (100-YEAR DISCHARGE) PLUS AN ADDITIONAL 25% OF FLOW DISCHARGE, NOT TO EXCEED THE 0.2% ANNUAL CHANCE FLOOD (500-YEAR DISCHARGE)





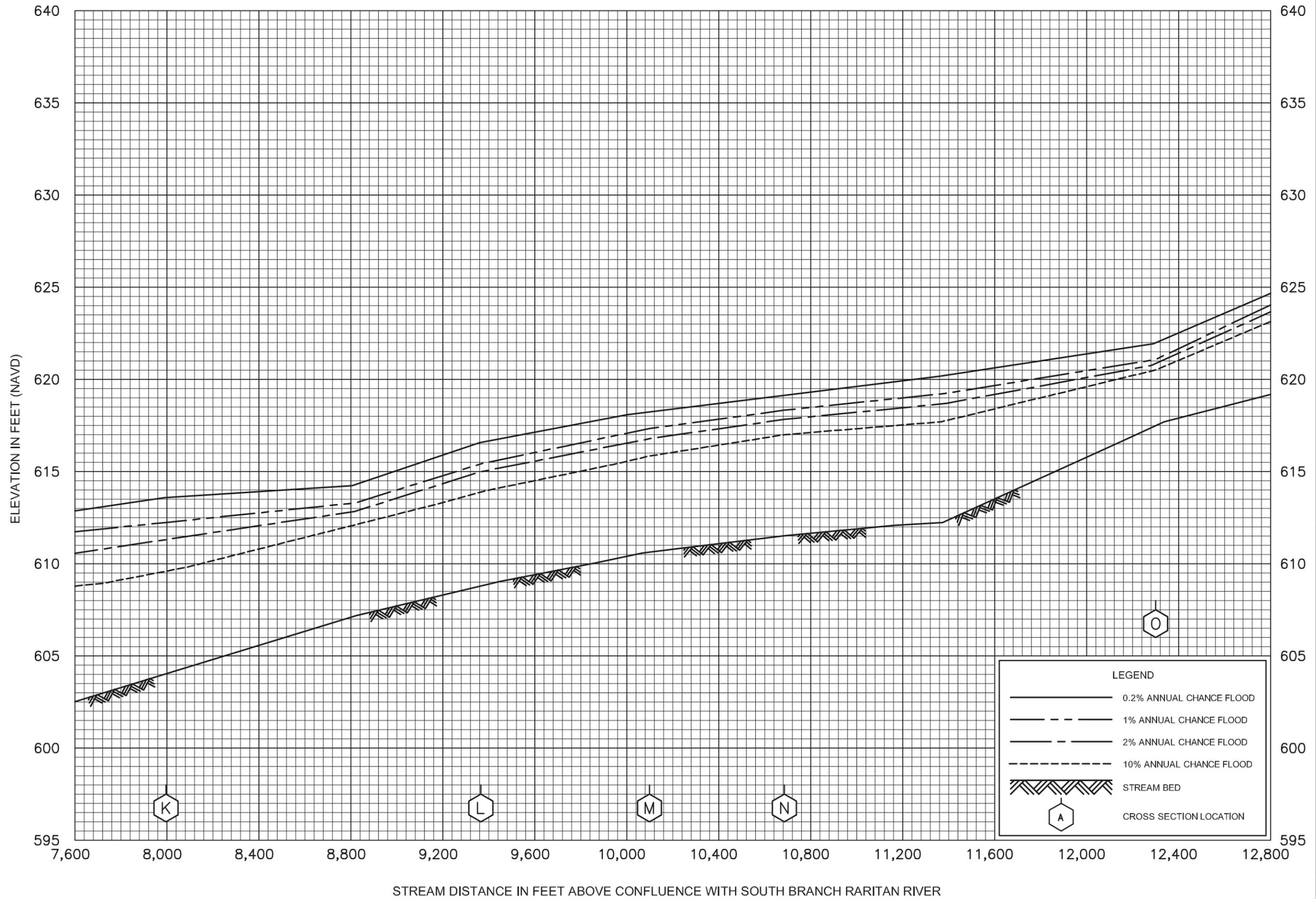
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**MORRIS COUNTY, NJ**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**DRAKES BROOK**





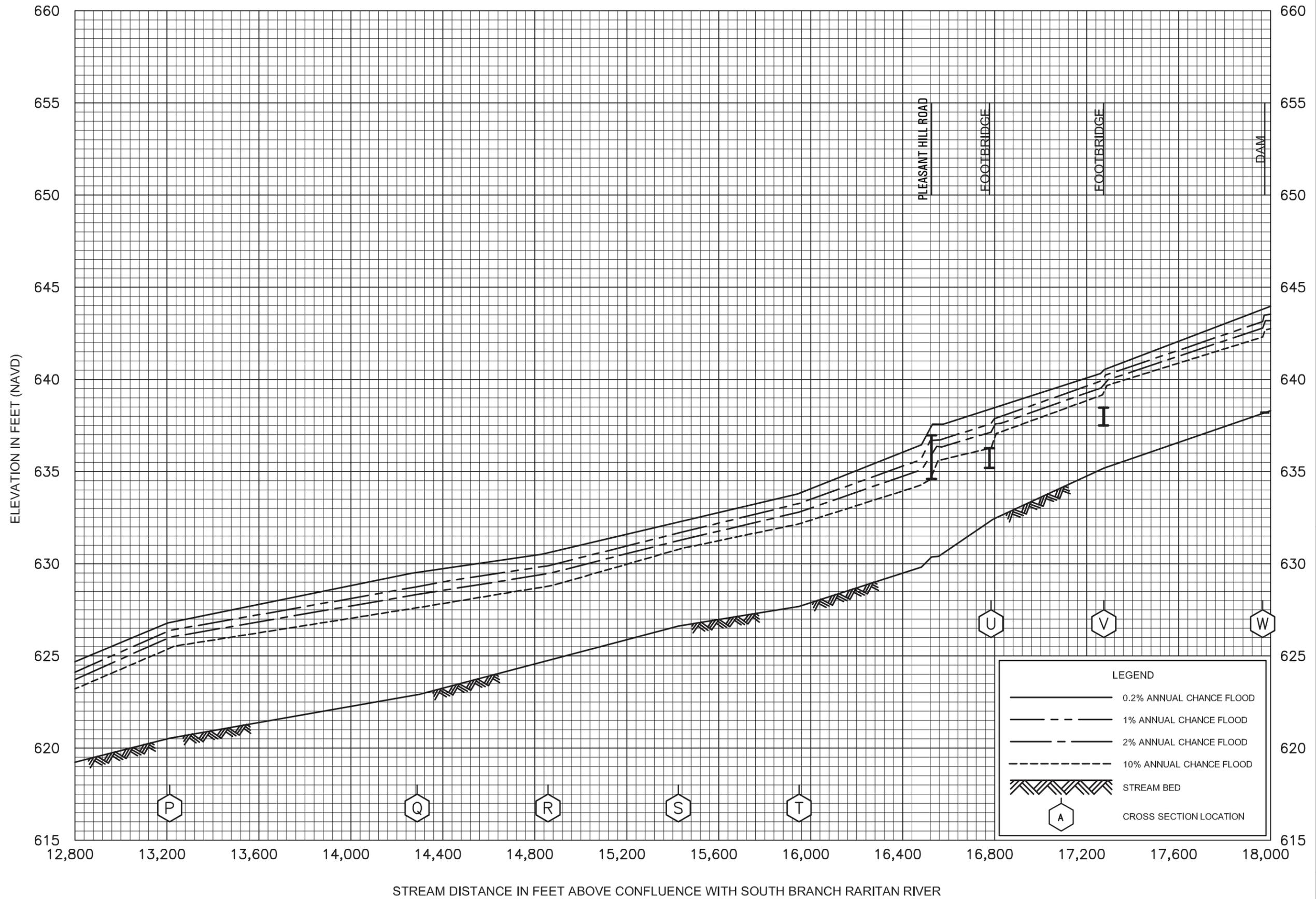
FLOOD PROFILES

DRAKES BROOK

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MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

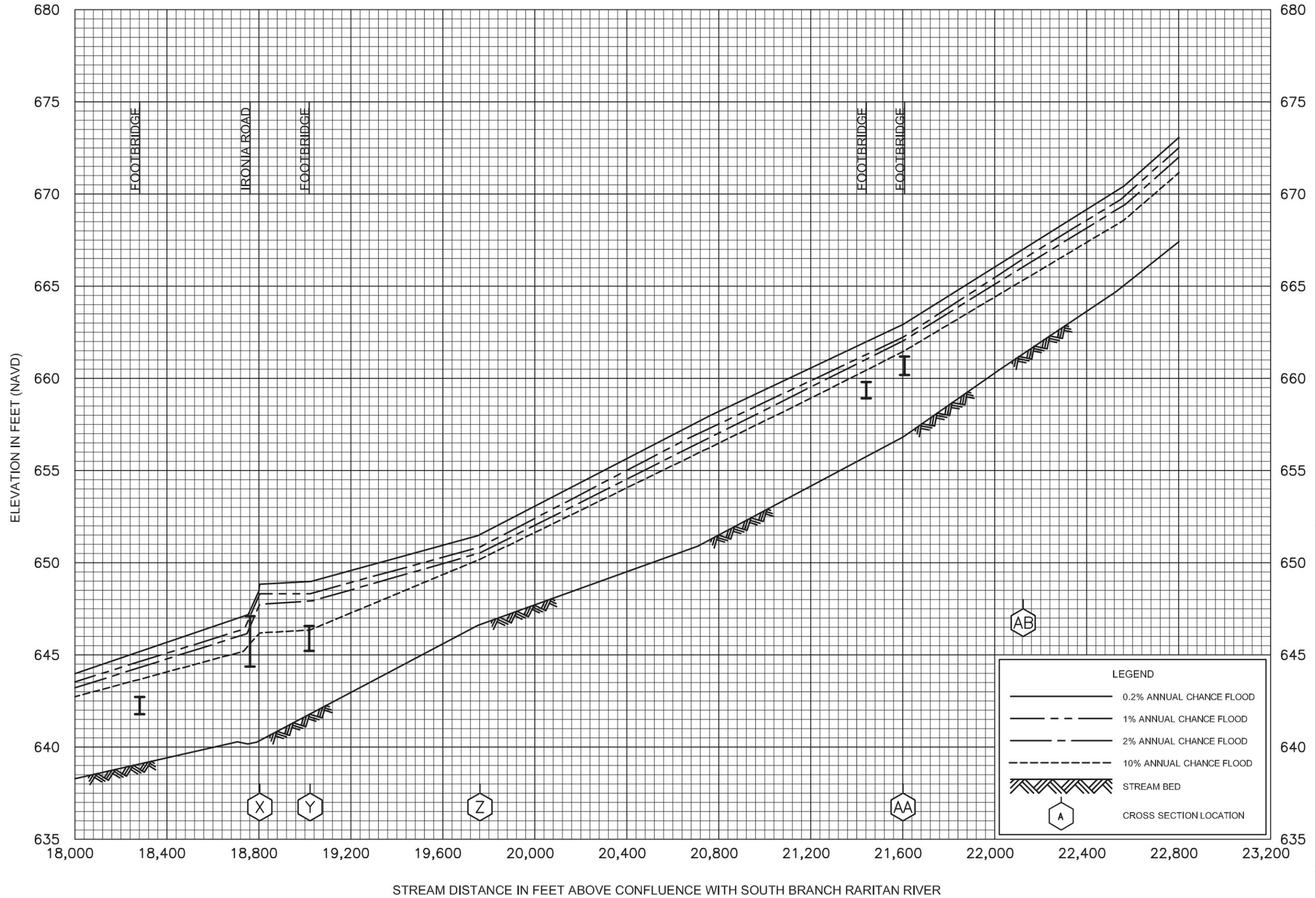
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FLOOD PROFILES  
 DRAKES BROOK

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 MORRIS COUNTY, NJ  
 (ALL JURISDICTIONS)

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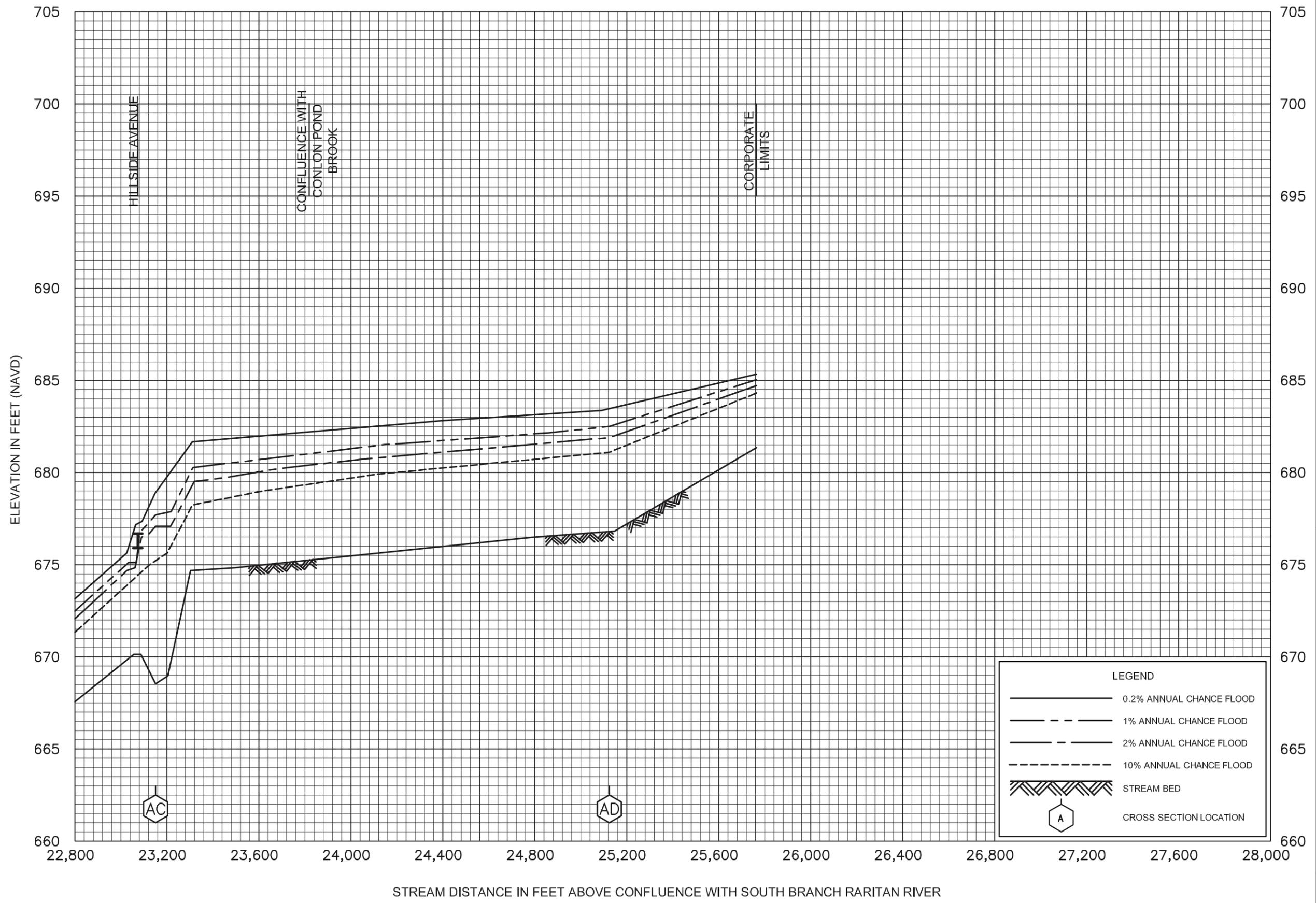
FLOOD PROFILES

DRAKES BROOK

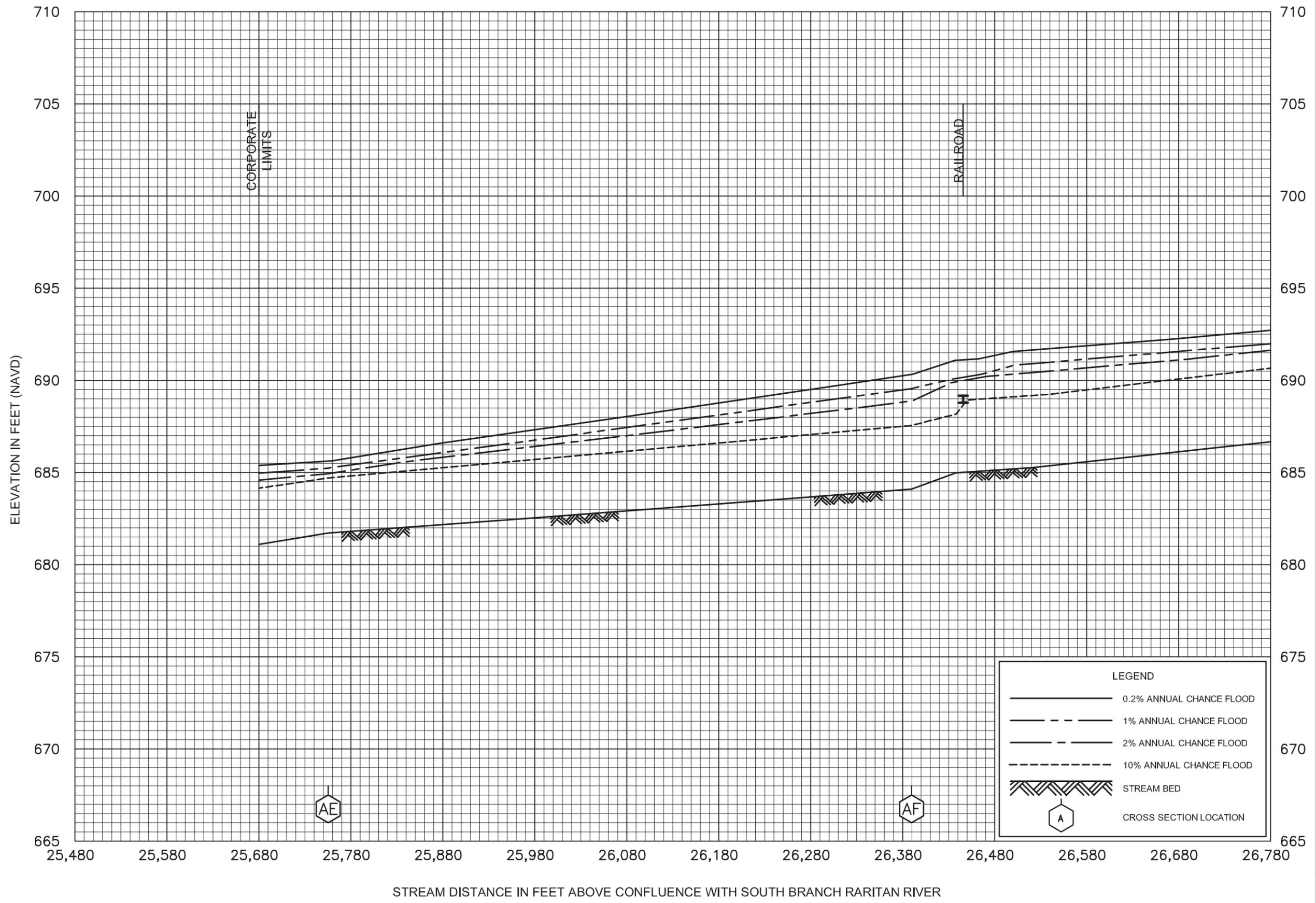
FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

77P



FLOOD PROFILES
DRAKES BROOK
FEDERAL EMERGENCY MANAGEMENT AGENCY <b>MORRIS COUNTY, NJ</b> (ALL JURISDICTIONS)
<b>78P</b>



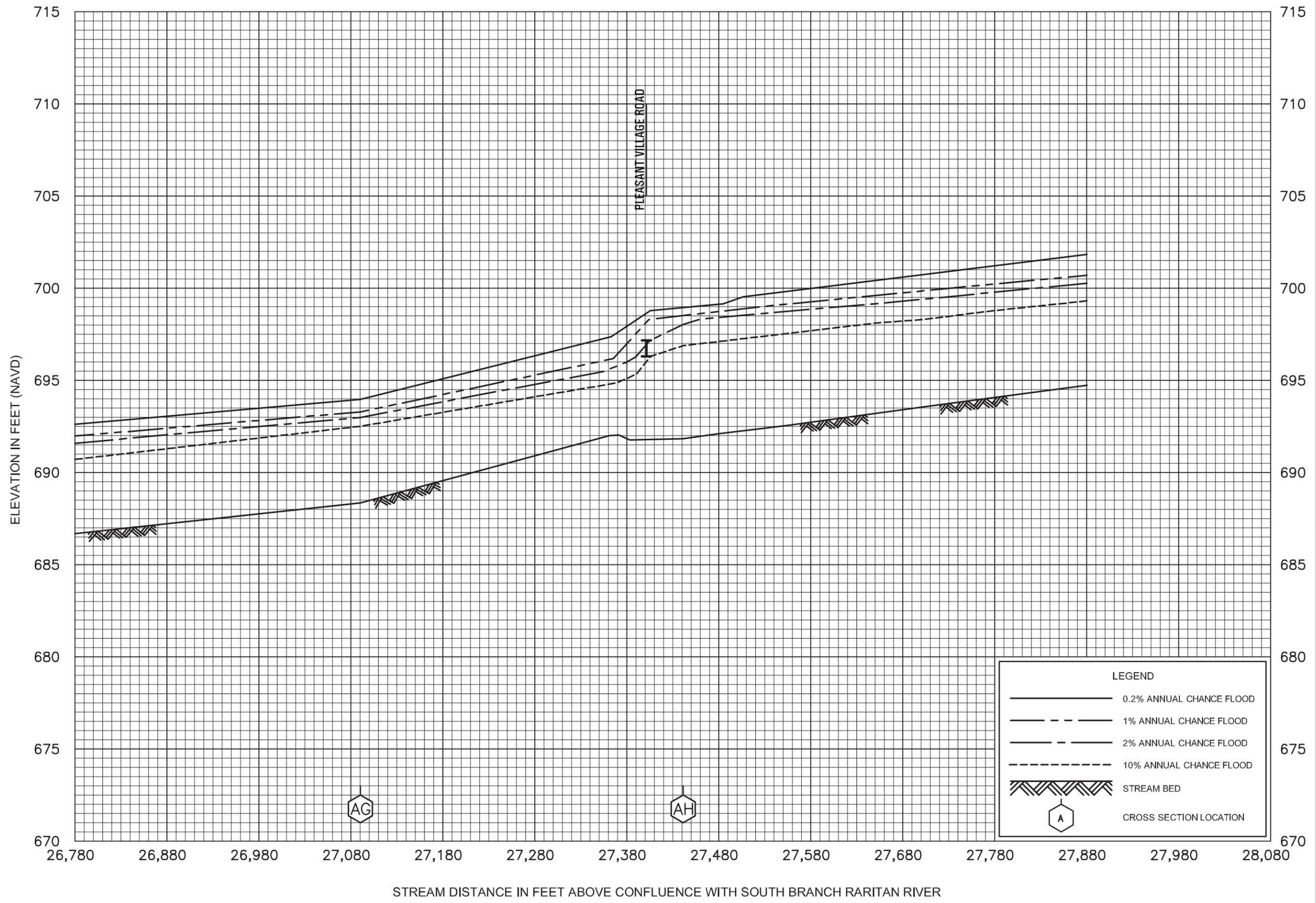
FLOOD PROFILES

DRAKES BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

79P



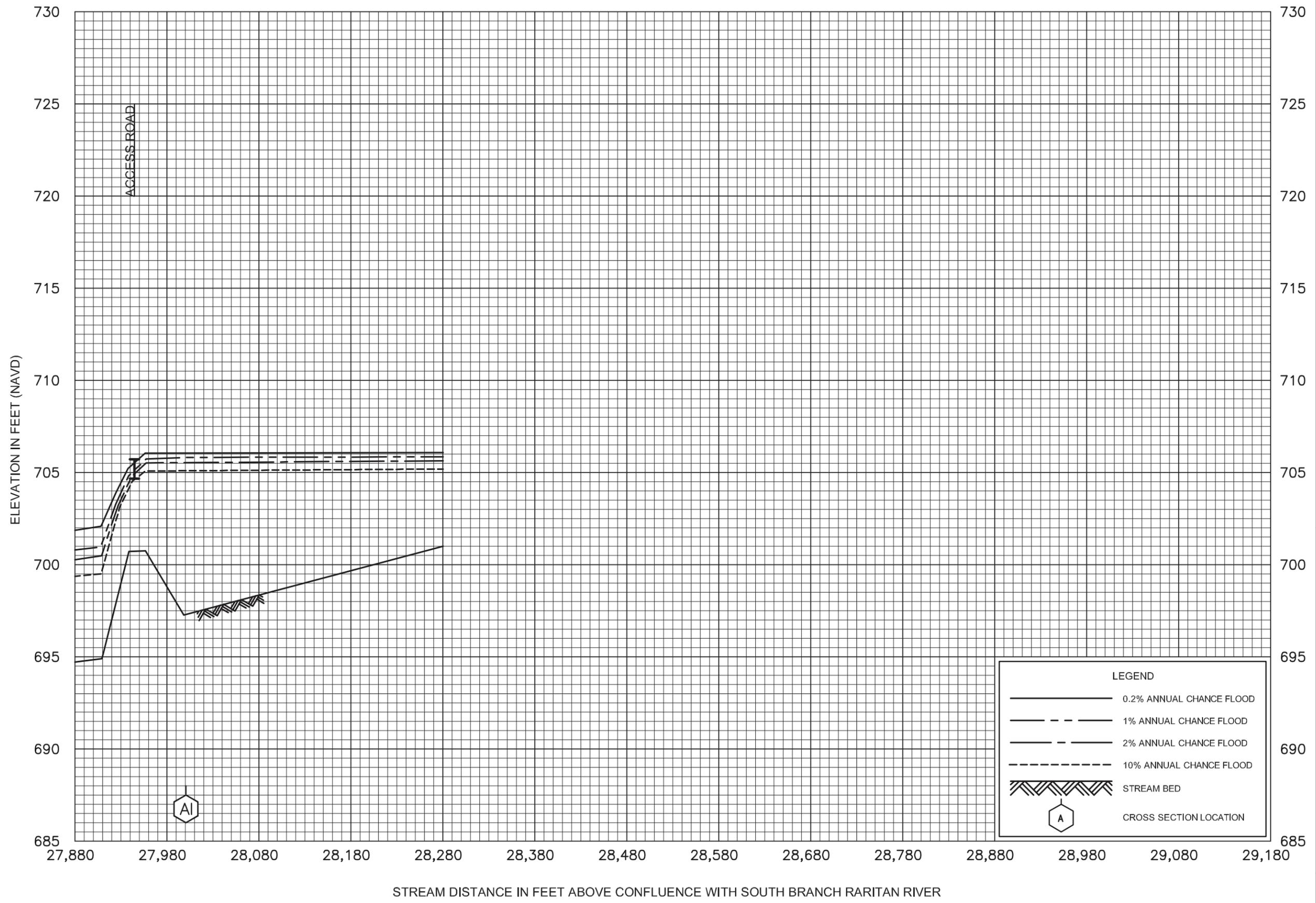
FLOOD PROFILES

DRAKES BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

80P



**LEGEND**

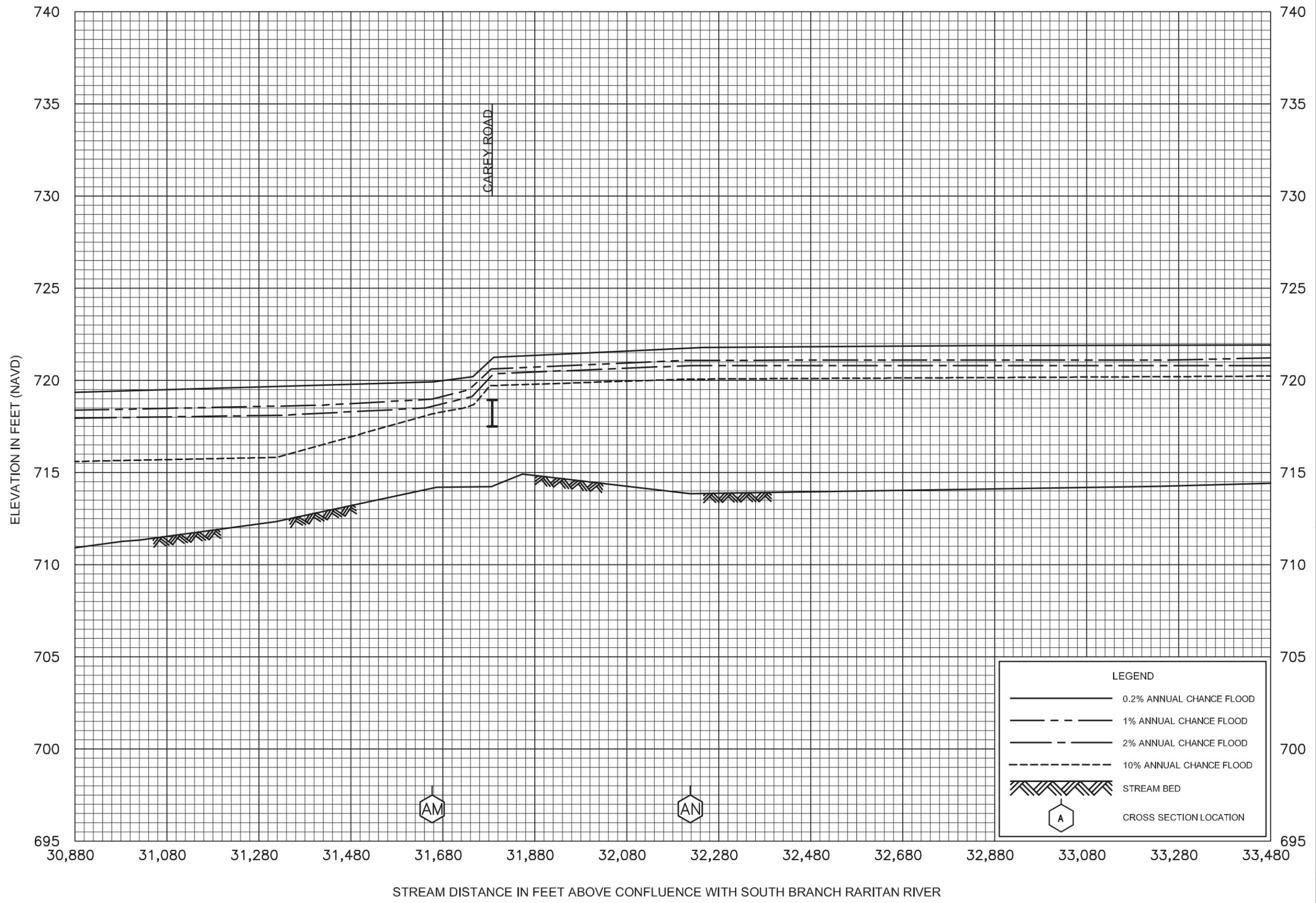
- 0.2% ANNUAL CHANCE FLOOD
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- ▨ STREAM BED
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**FLOOD PROFILES**  
**DRAKES BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MORRIS COUNTY, NJ**  
 (ALL JURISDICTIONS)

**81P**





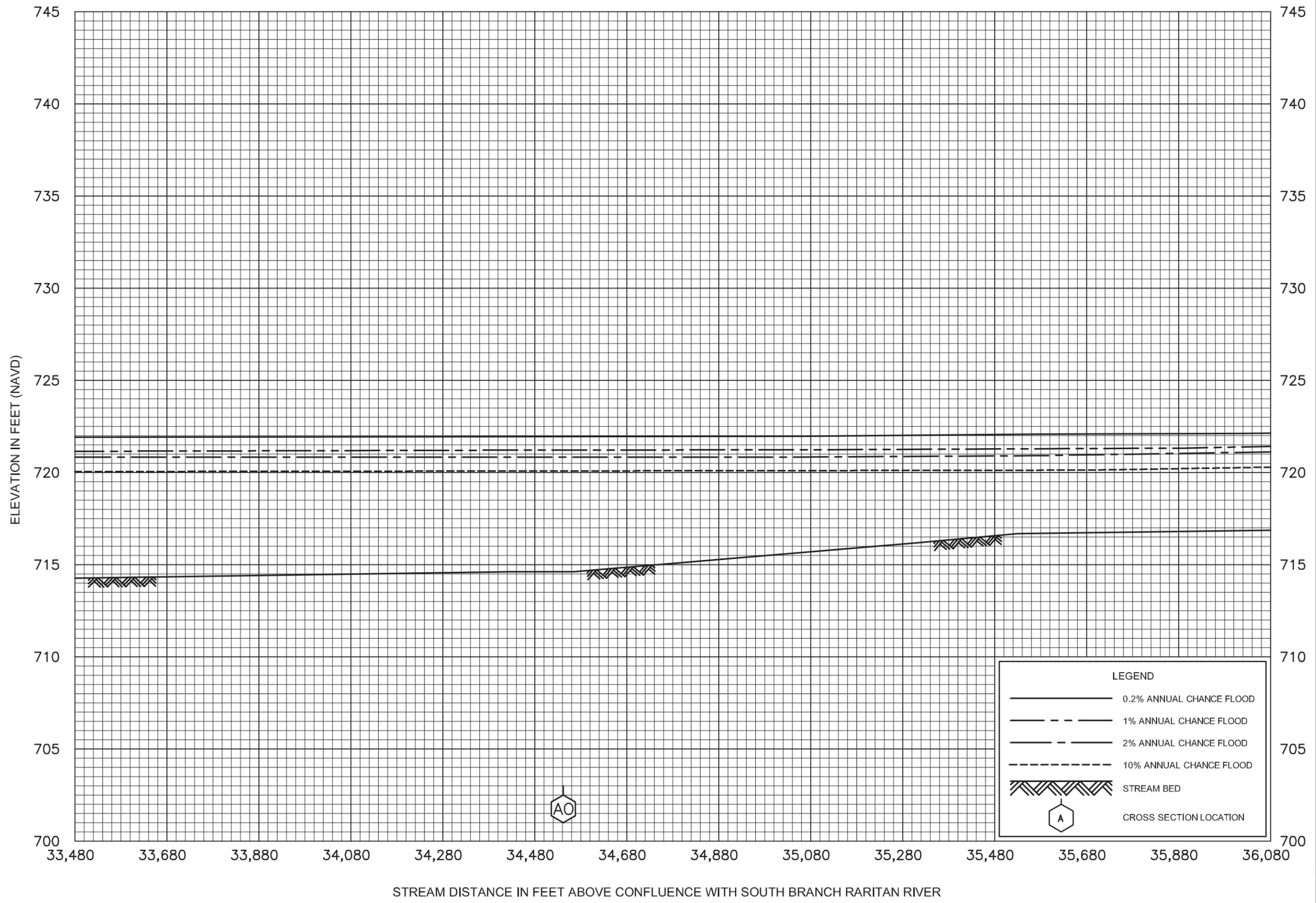
FLOOD PROFILES

DRAKES BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

**83P**



FLOOD PROFILES

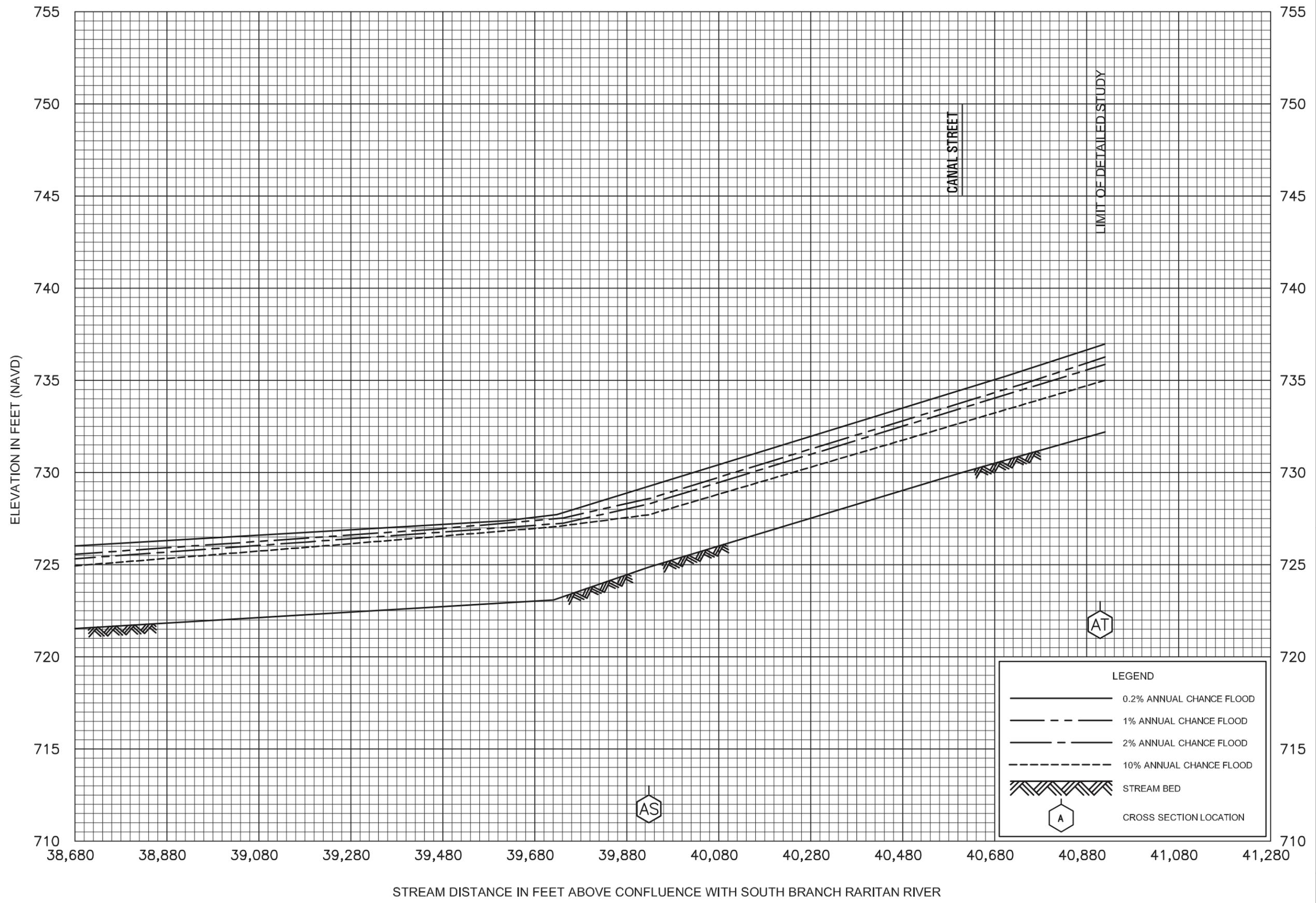
DRAKES BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

84P



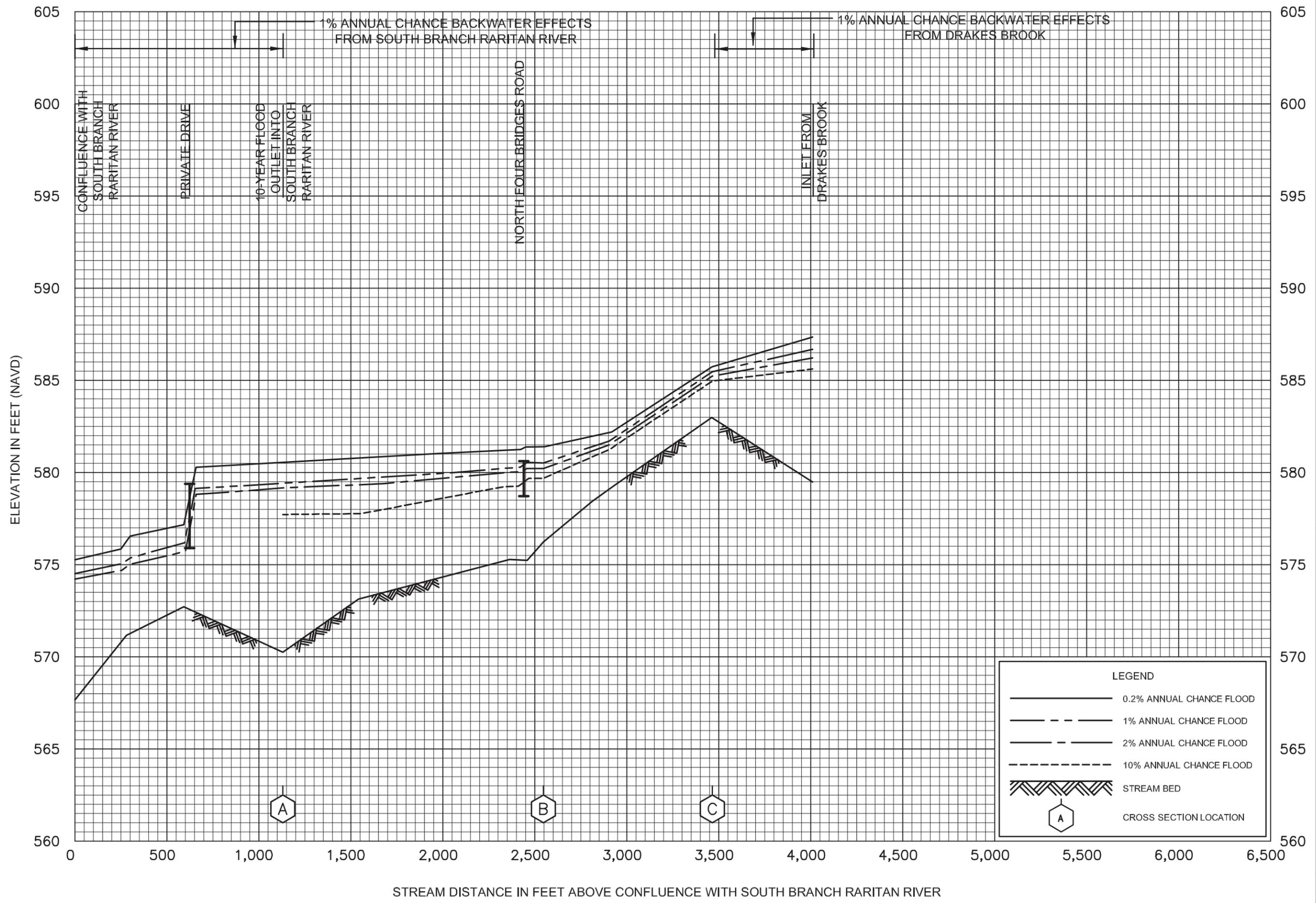


FLOOD PROFILES  
 DRAKES BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 MORRIS COUNTY, NJ  
 (ALL JURISDICTIONS)

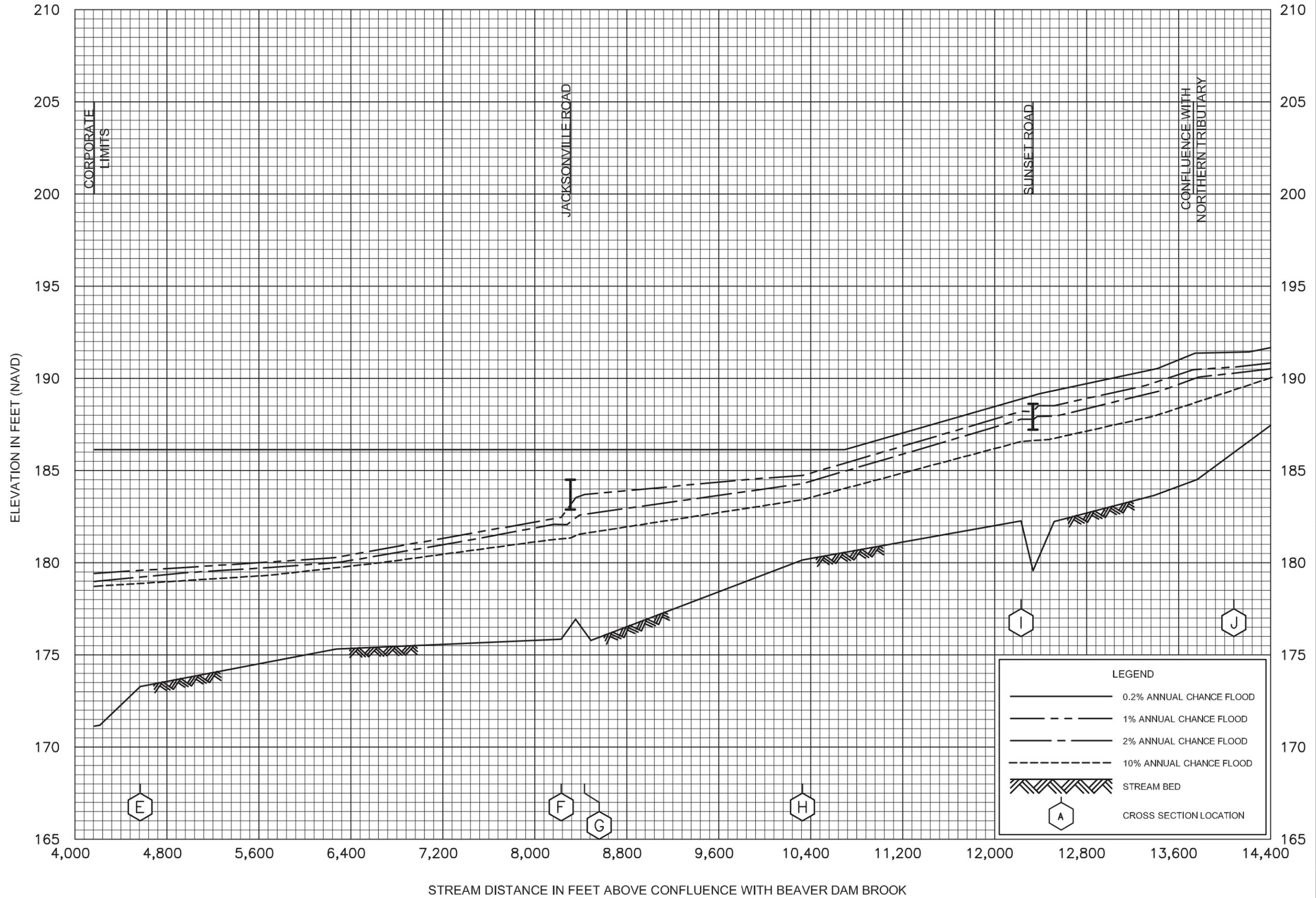
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION



FLOOD PROFILES
DRAKES BROOK OVERFLOW CHANNEL
FEDERAL EMERGENCY MANAGEMENT AGENCY <b>MORRIS COUNTY, NJ</b> (ALL JURISDICTIONS)
<b>87P</b>

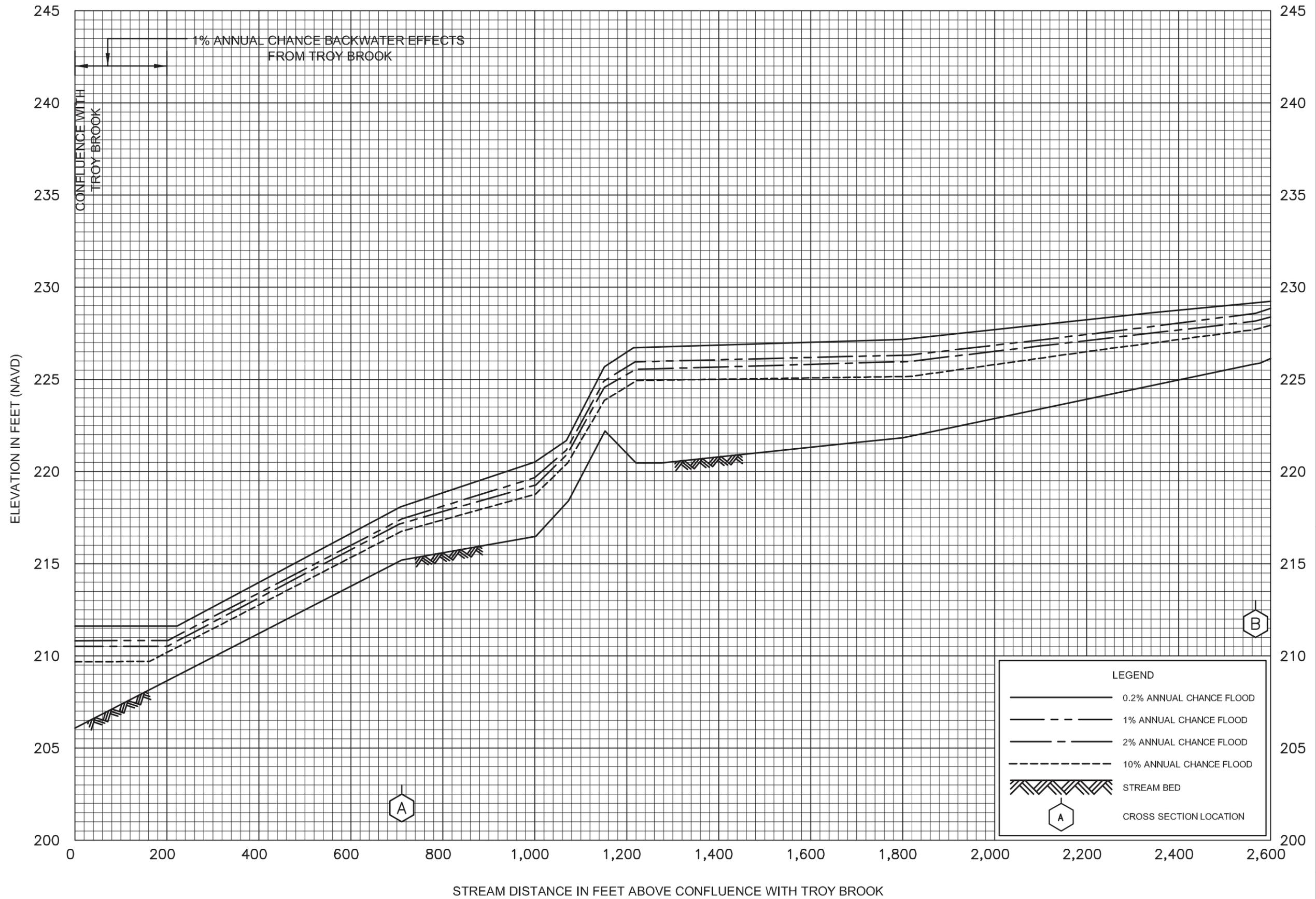




FLOOD PROFILES  
EAST DITCH

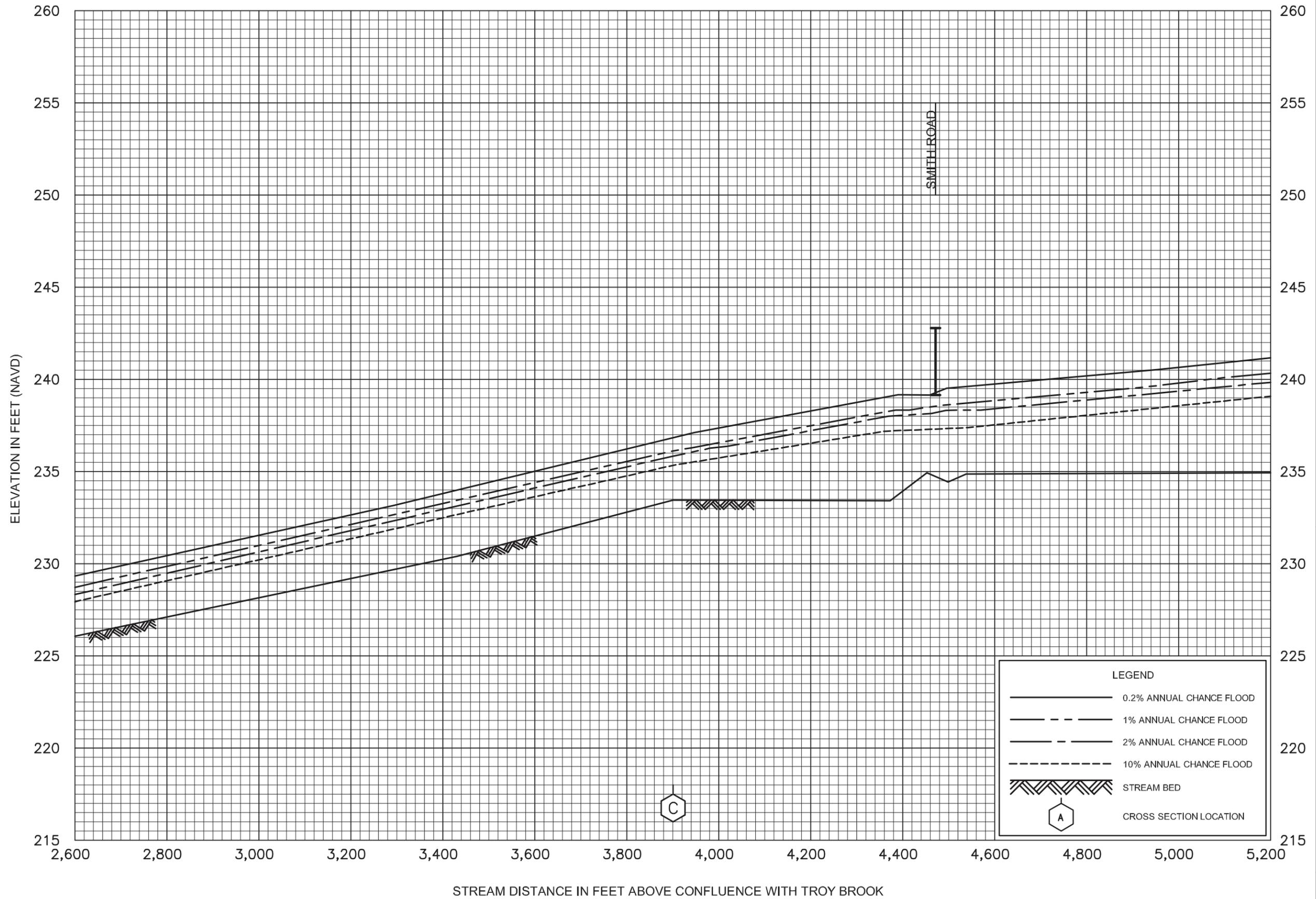
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)





FLOOD PROFILES  
EASTMANS BROOK

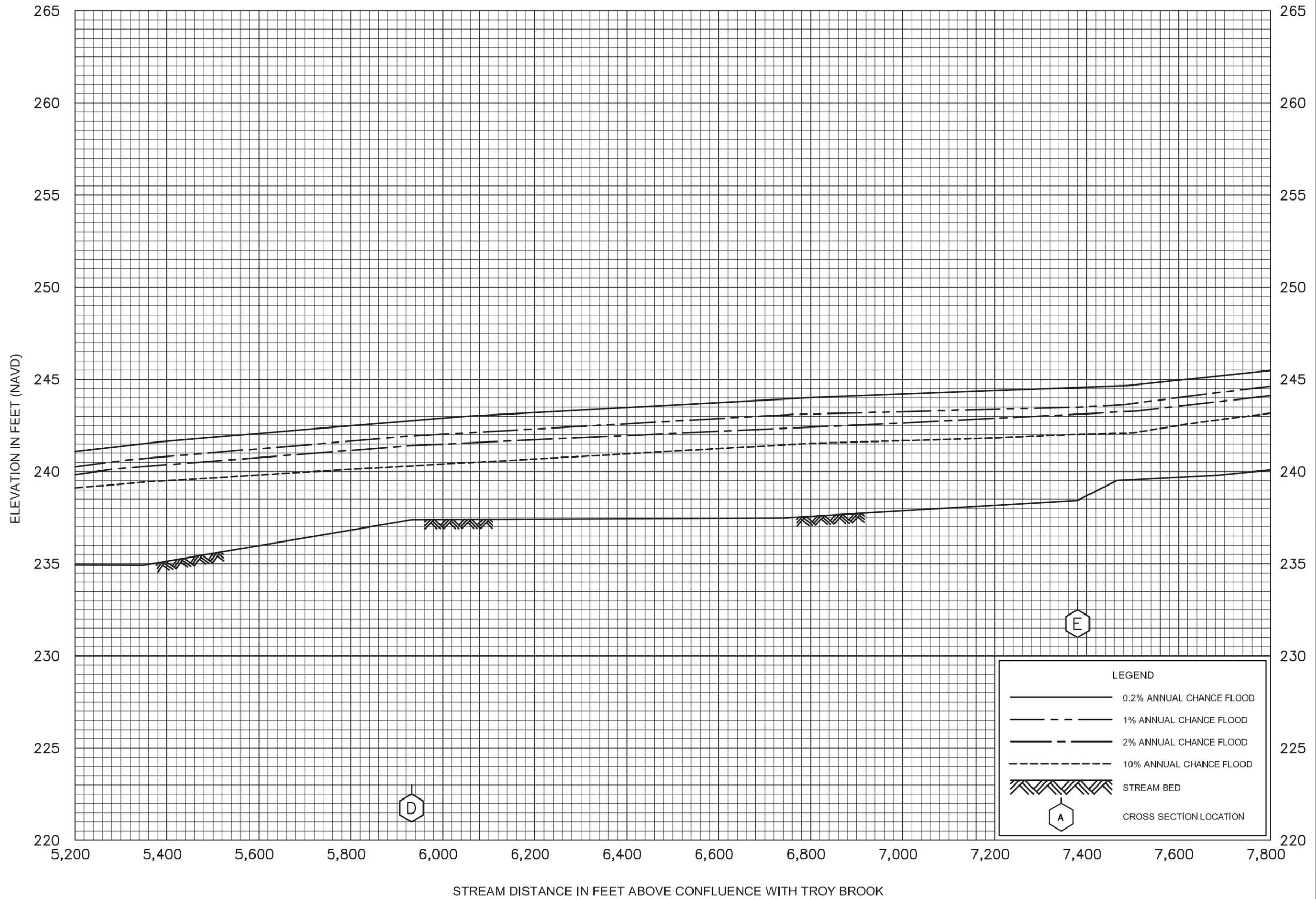
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)



FLOOD PROFILES  
EASTMANS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

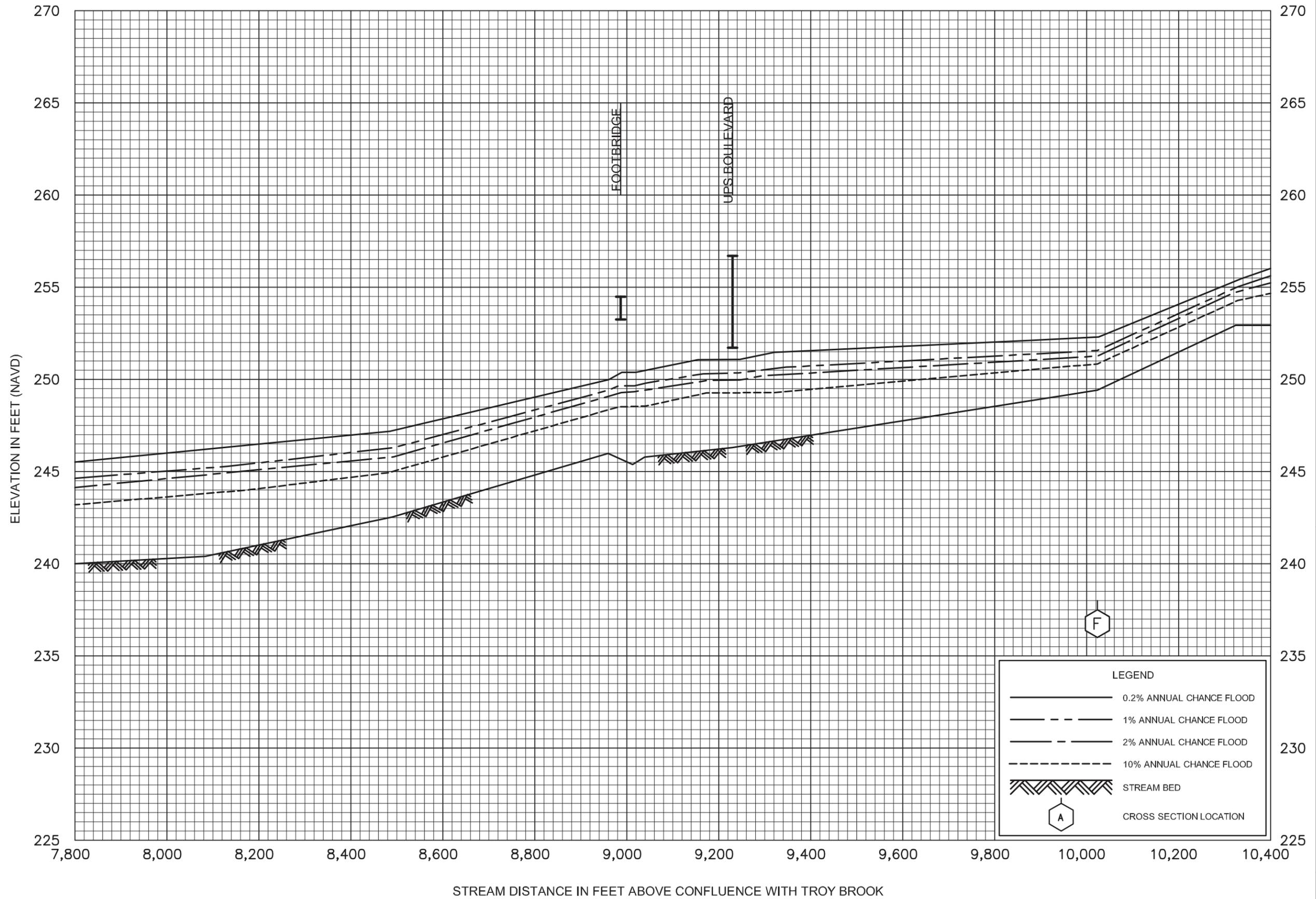
92P



FLOOD PROFILES  
EASTMANS BROOK

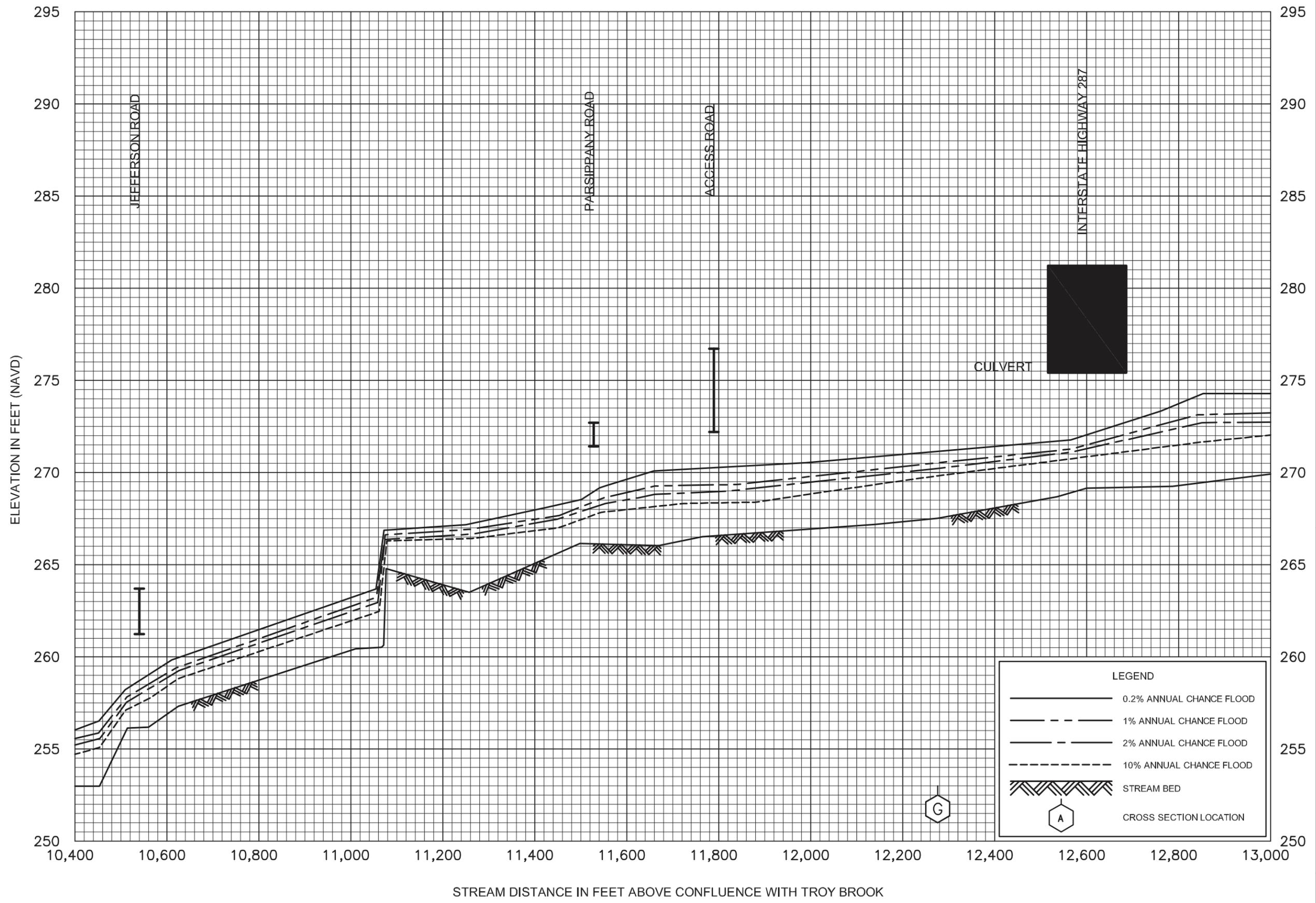
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

93P



FLOOD PROFILES  
EASTMANS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)



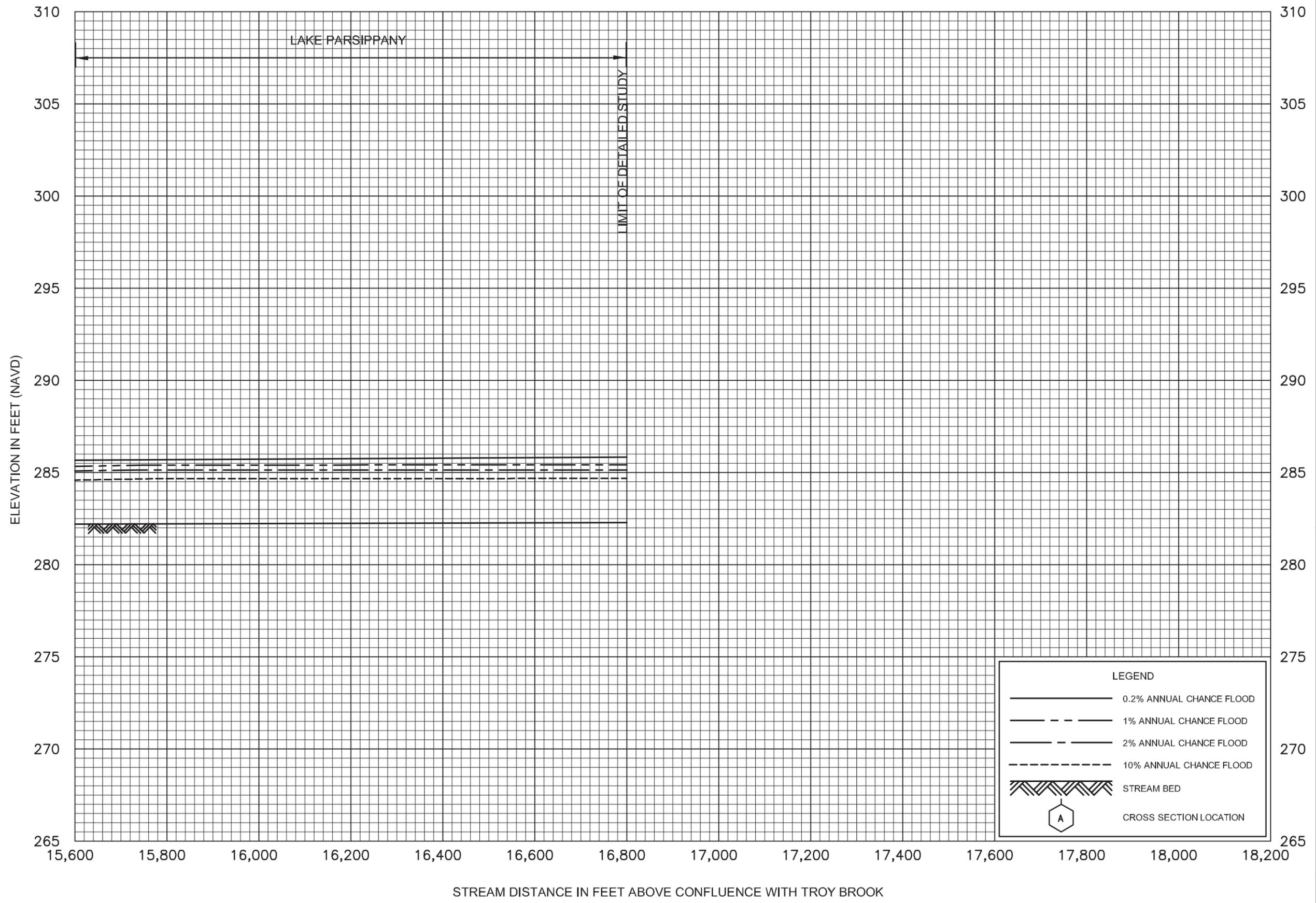
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION
- ⬡ G CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MORRIS COUNTY, NJ**  
 (ALL JURISDICTIONS)

FLOOD PROFILES  
 EASTMANS BROOK





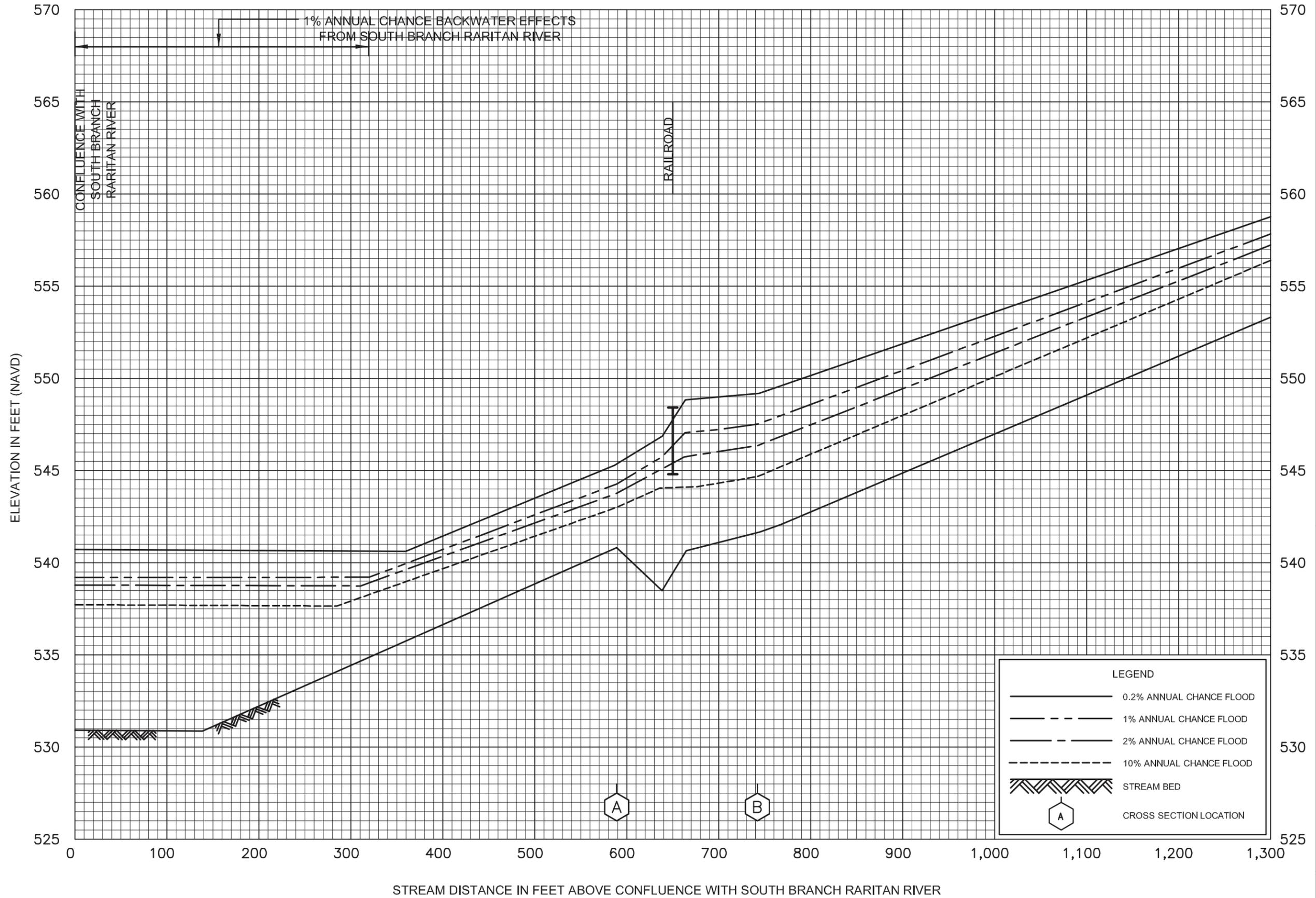
FLOOD PROFILES

EASTMANS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

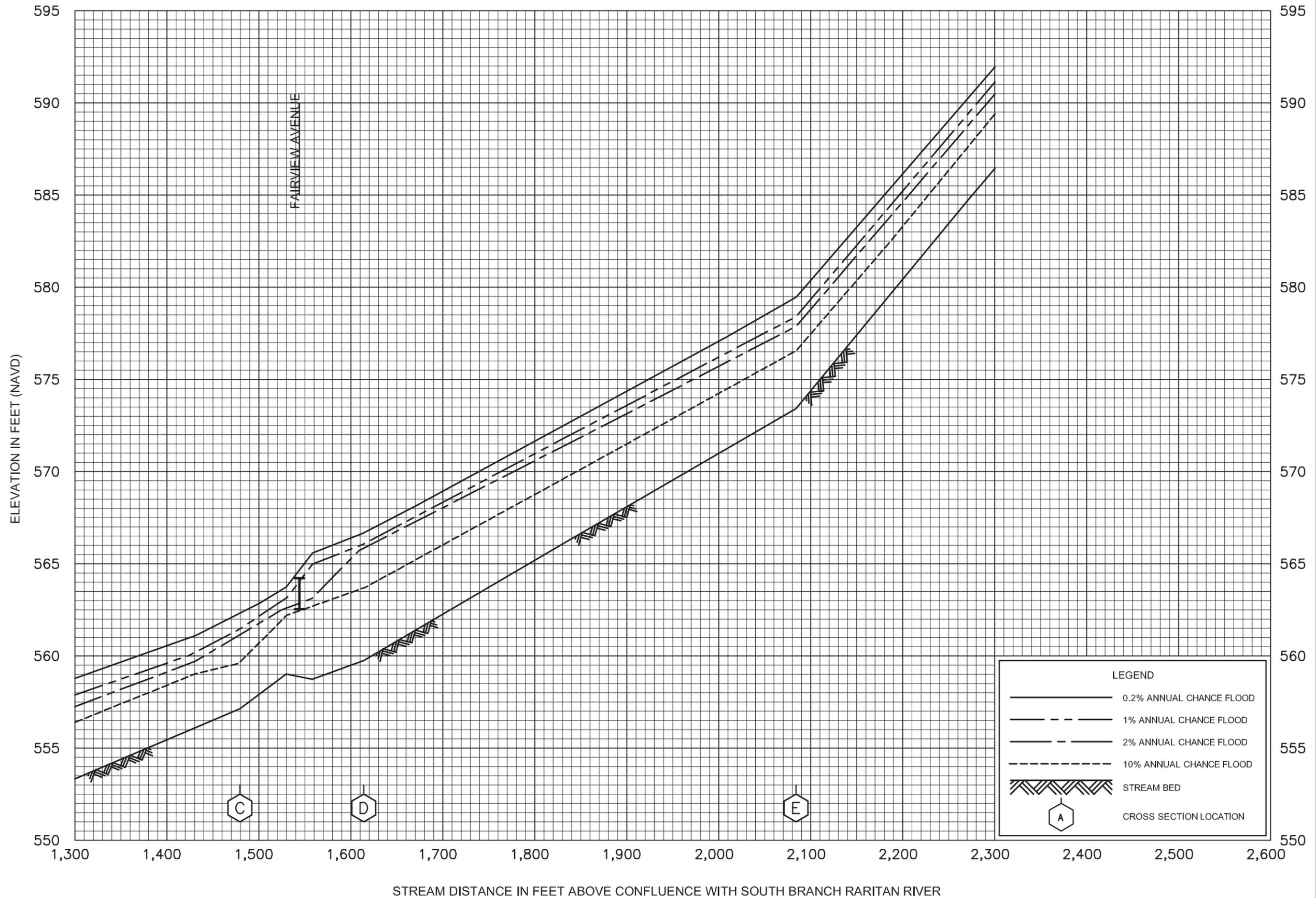
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

97P



FLOOD PROFILES  
ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)



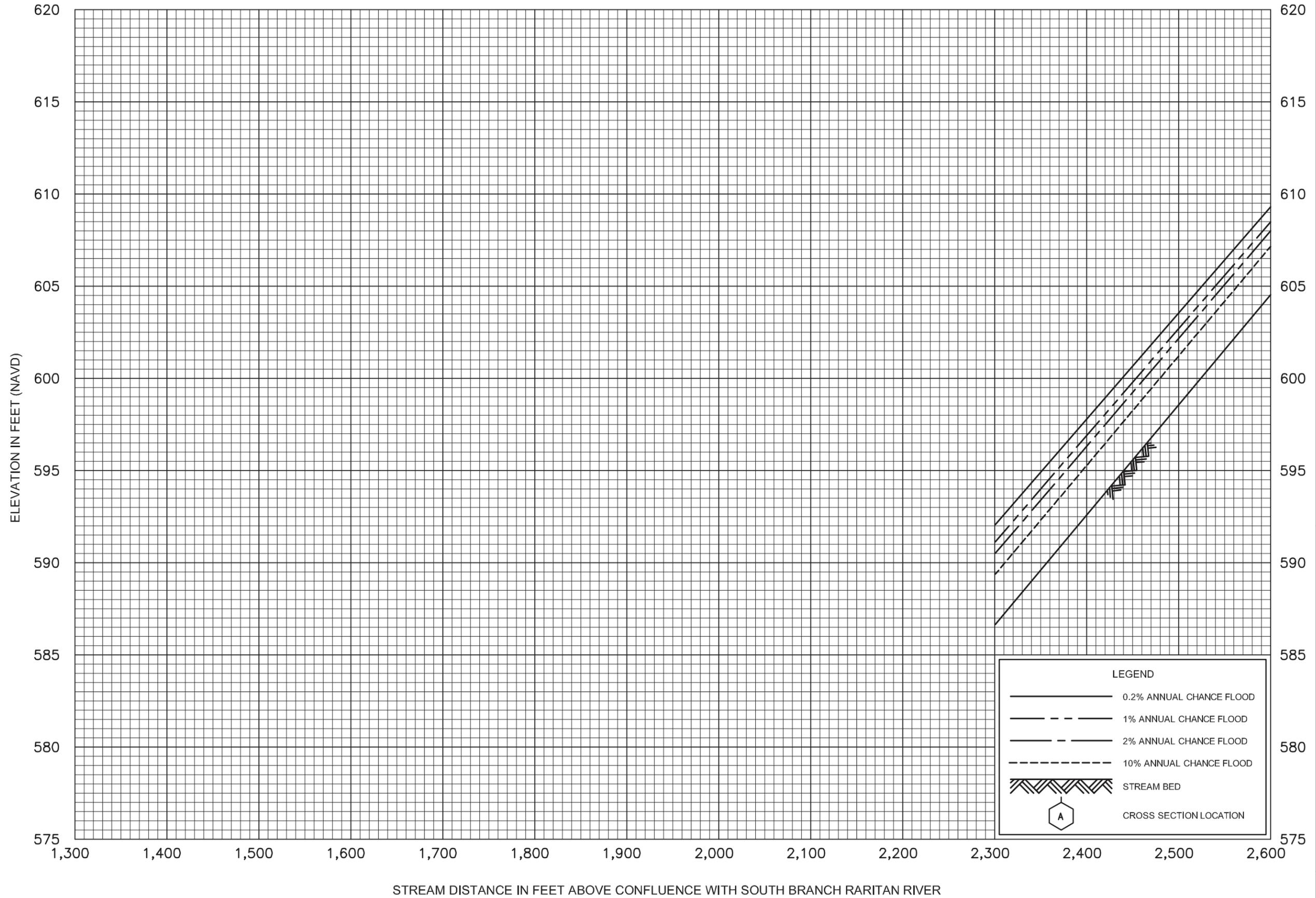
FLOOD PROFILES

ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

99P



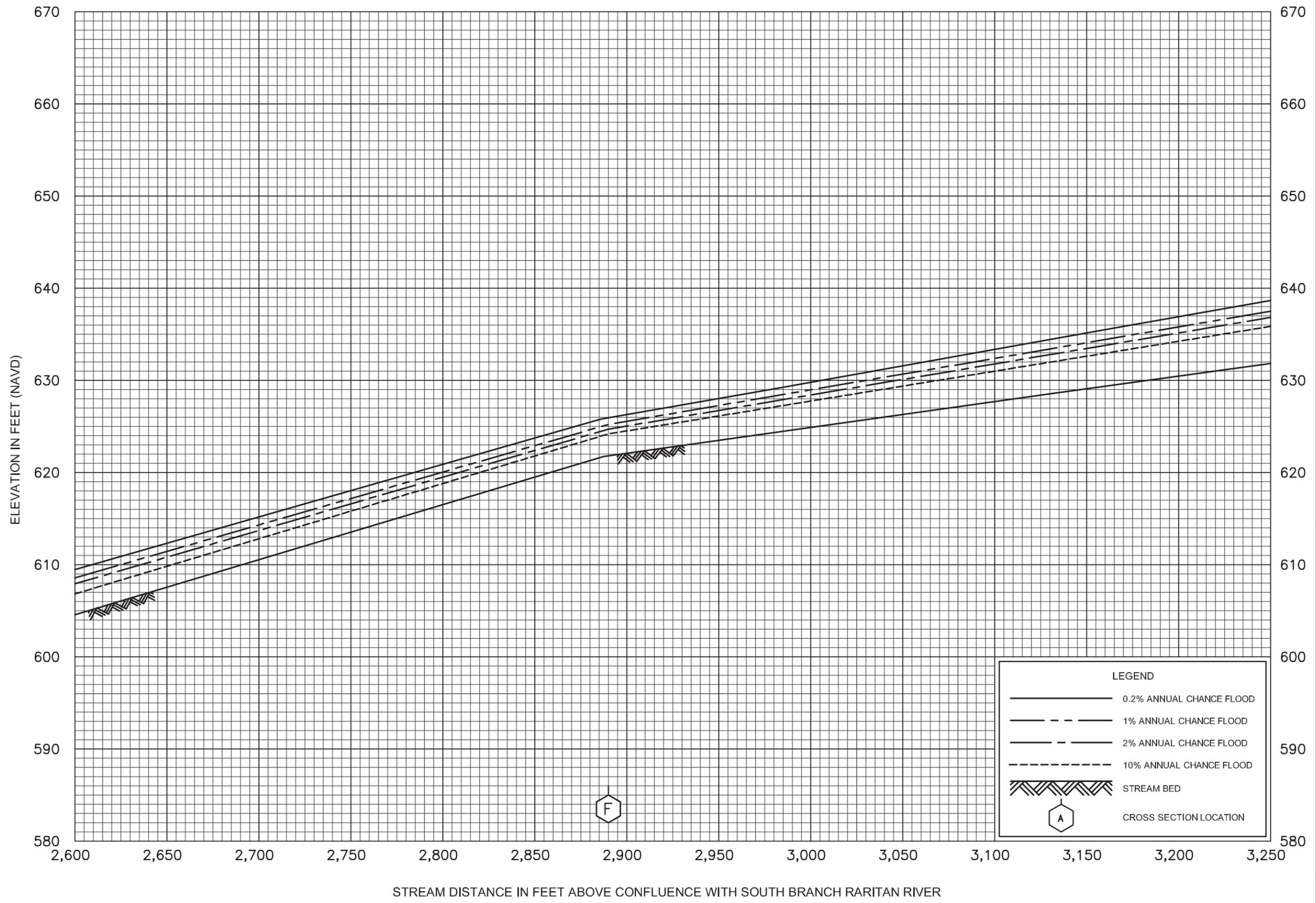
FLOOD PROFILES

ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

100P

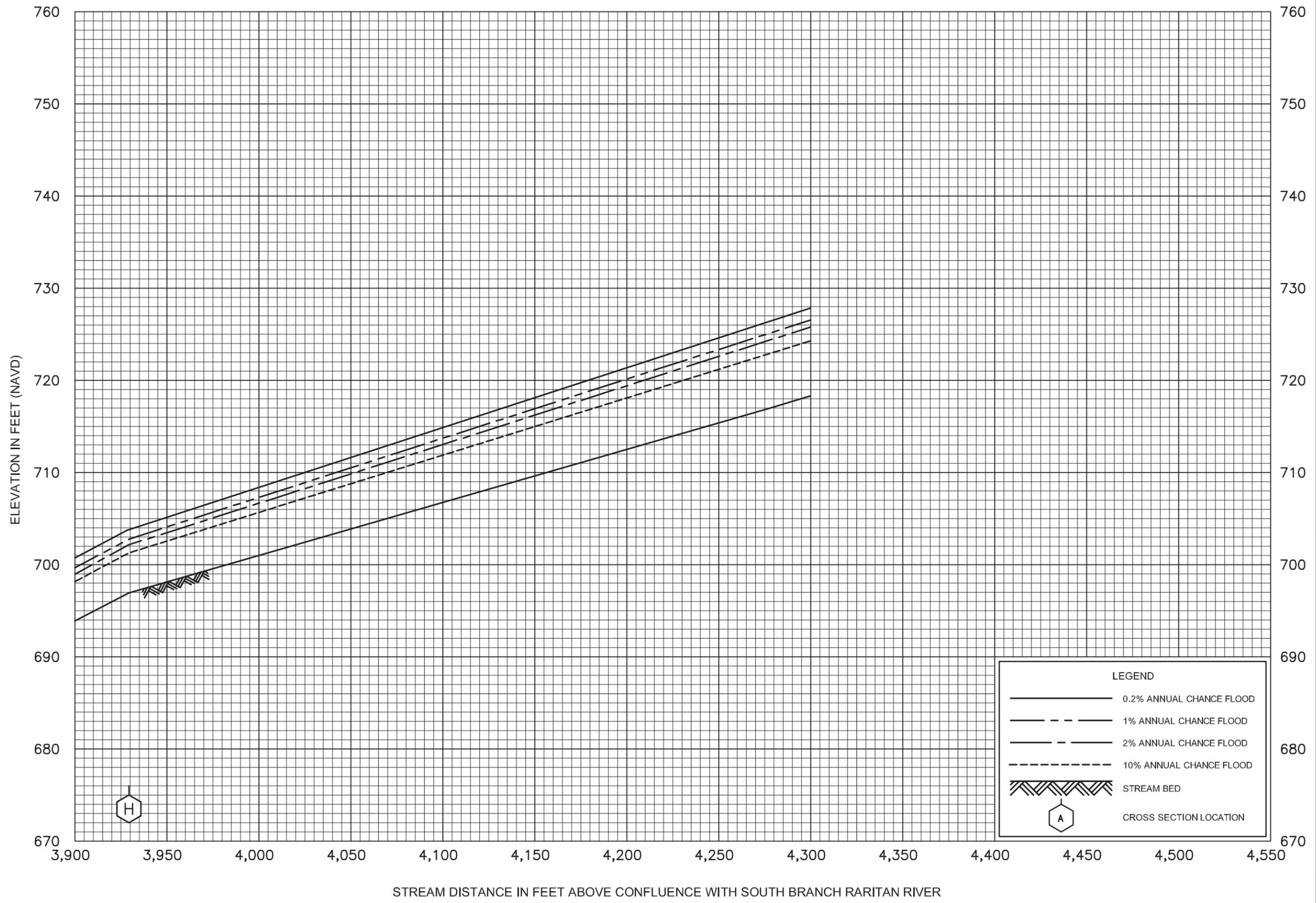


FLOOD PROFILES  
ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

101P

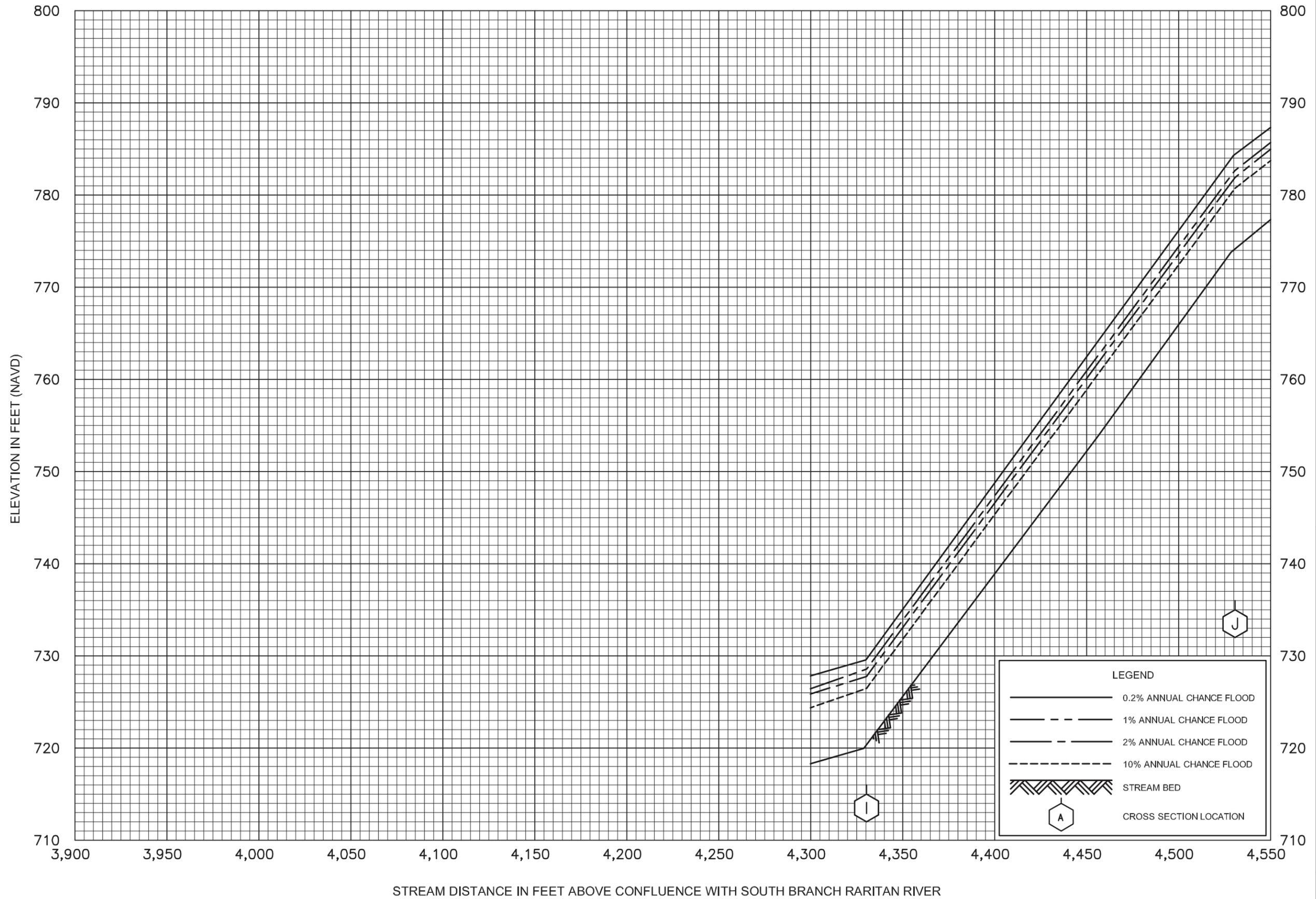




FLOOD PROFILES  
 ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 MORRIS COUNTY, NJ  
 (ALL JURISDICTIONS)

103P



FLOOD PROFILES

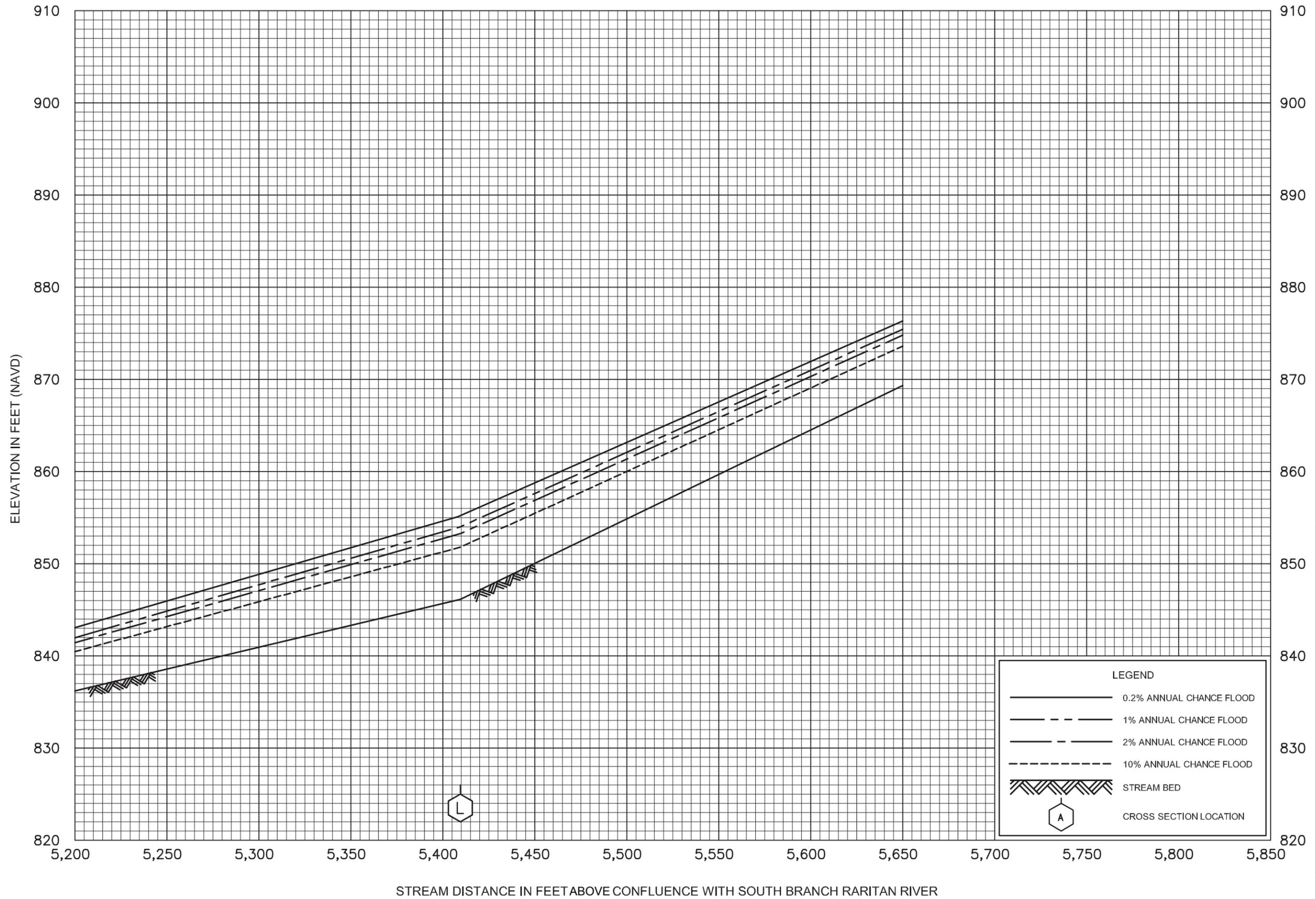
ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

104P





FLOOD PROFILES

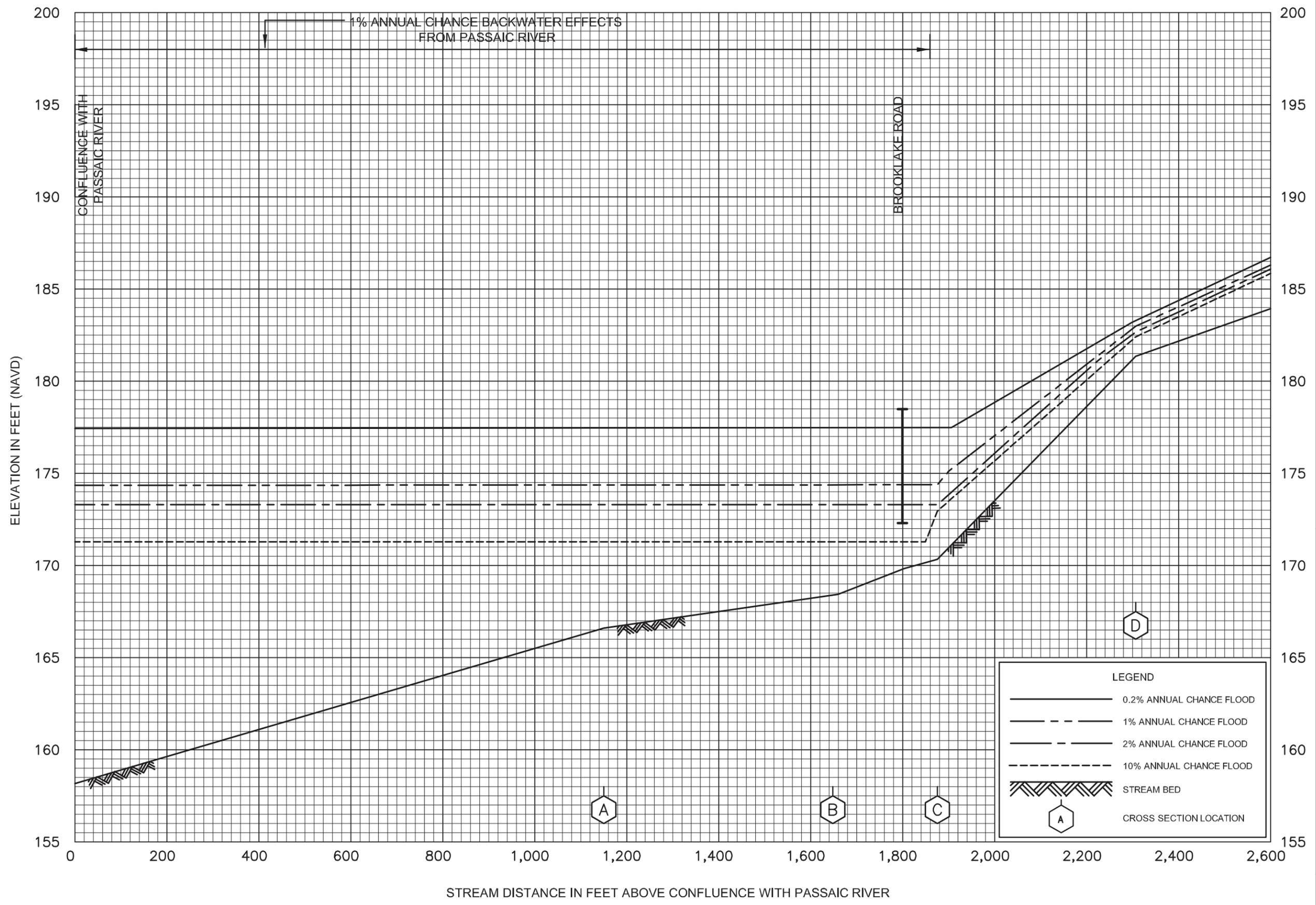
ELECTRIC BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

106P

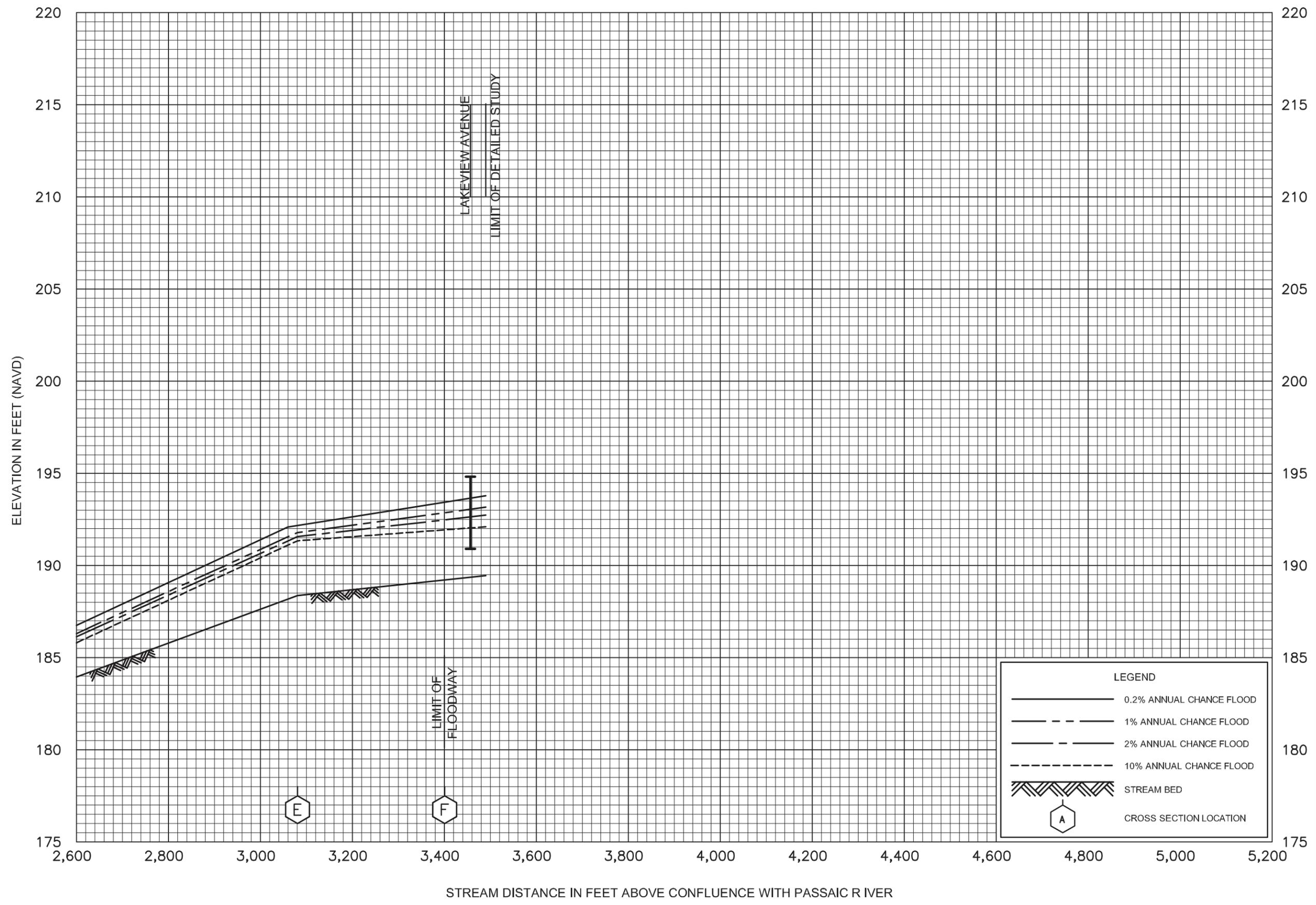




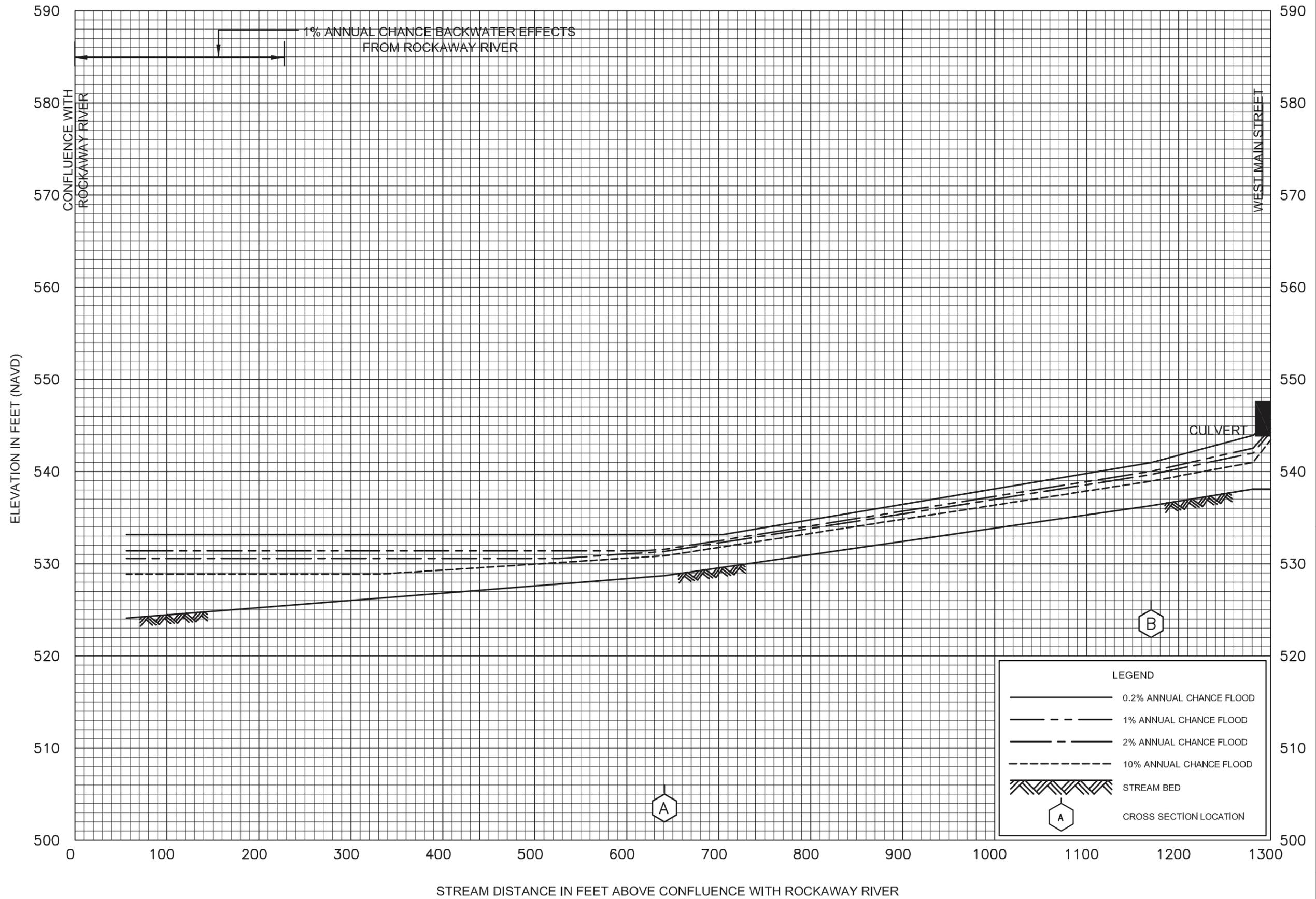
FLOOD PROFILES  
FISH'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

108P



FLOOD PROFILES
FISH'S BROOK
FEDERAL EMERGENCY MANAGEMENT AGENCY <b>MORRIS COUNTY, NJ</b> (ALL JURISDICTIONS)
<b>109P</b>



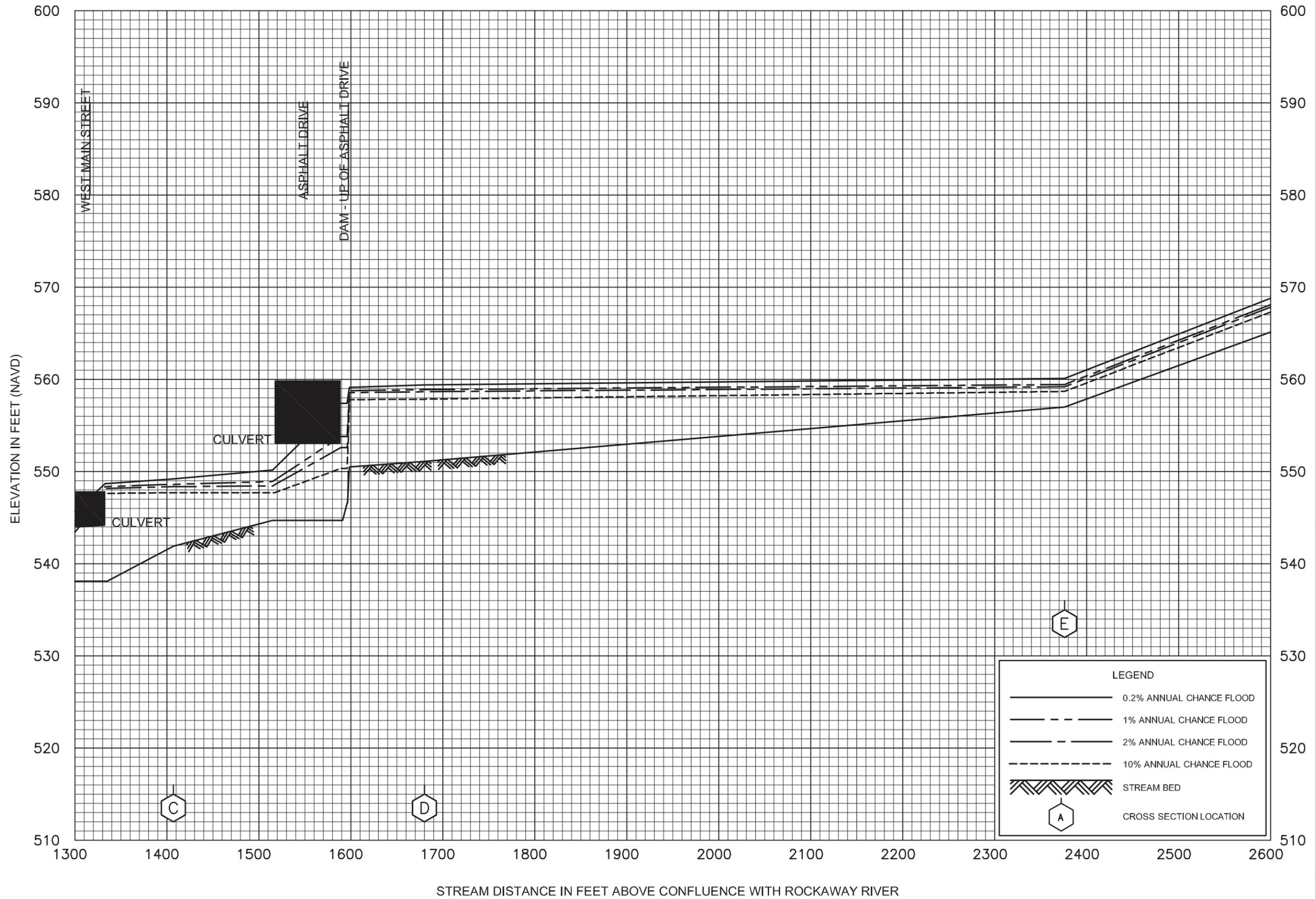
FLOOD PROFILES

FOX BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

110P



FLOOD PROFILES

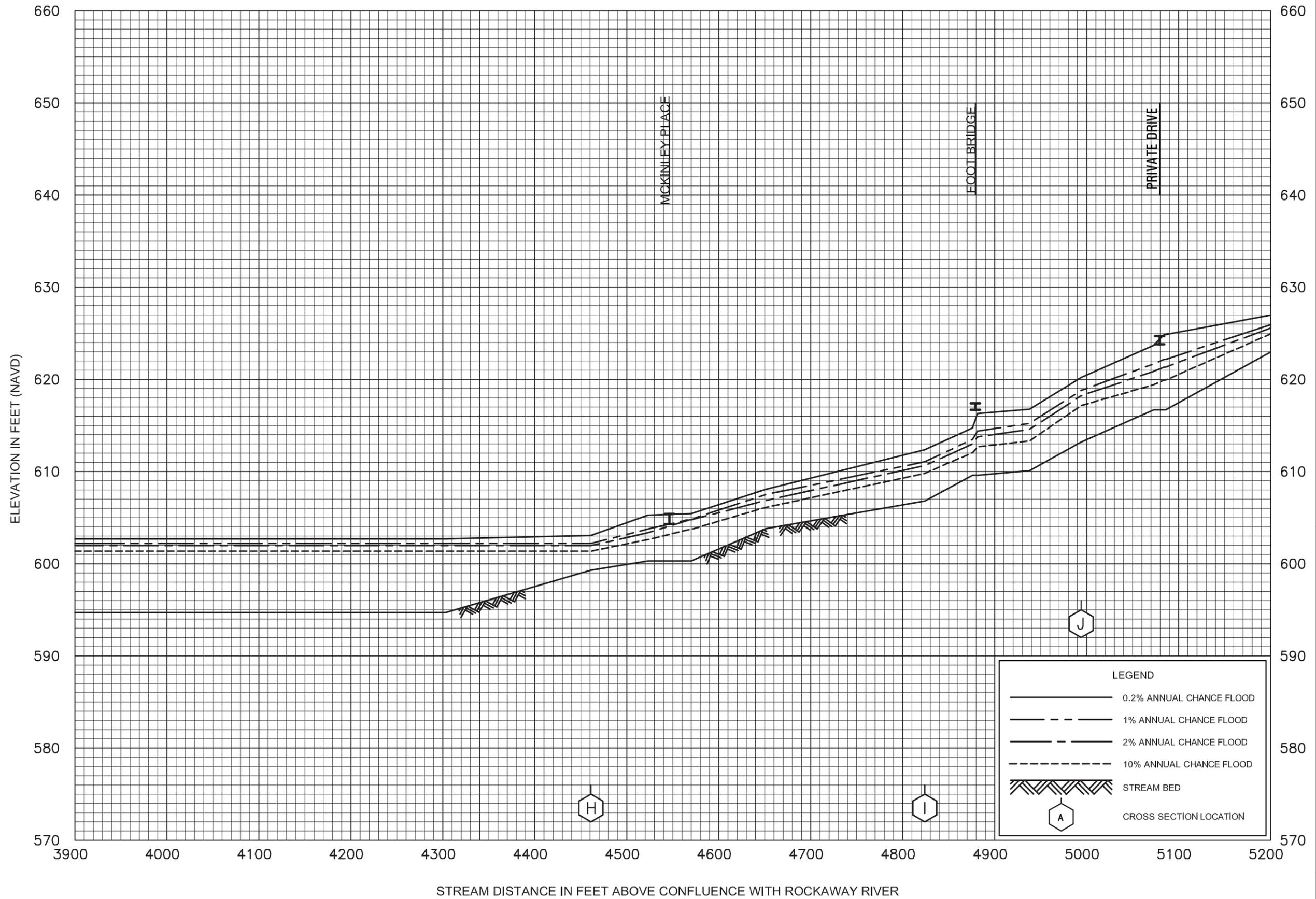
FOX BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

111P





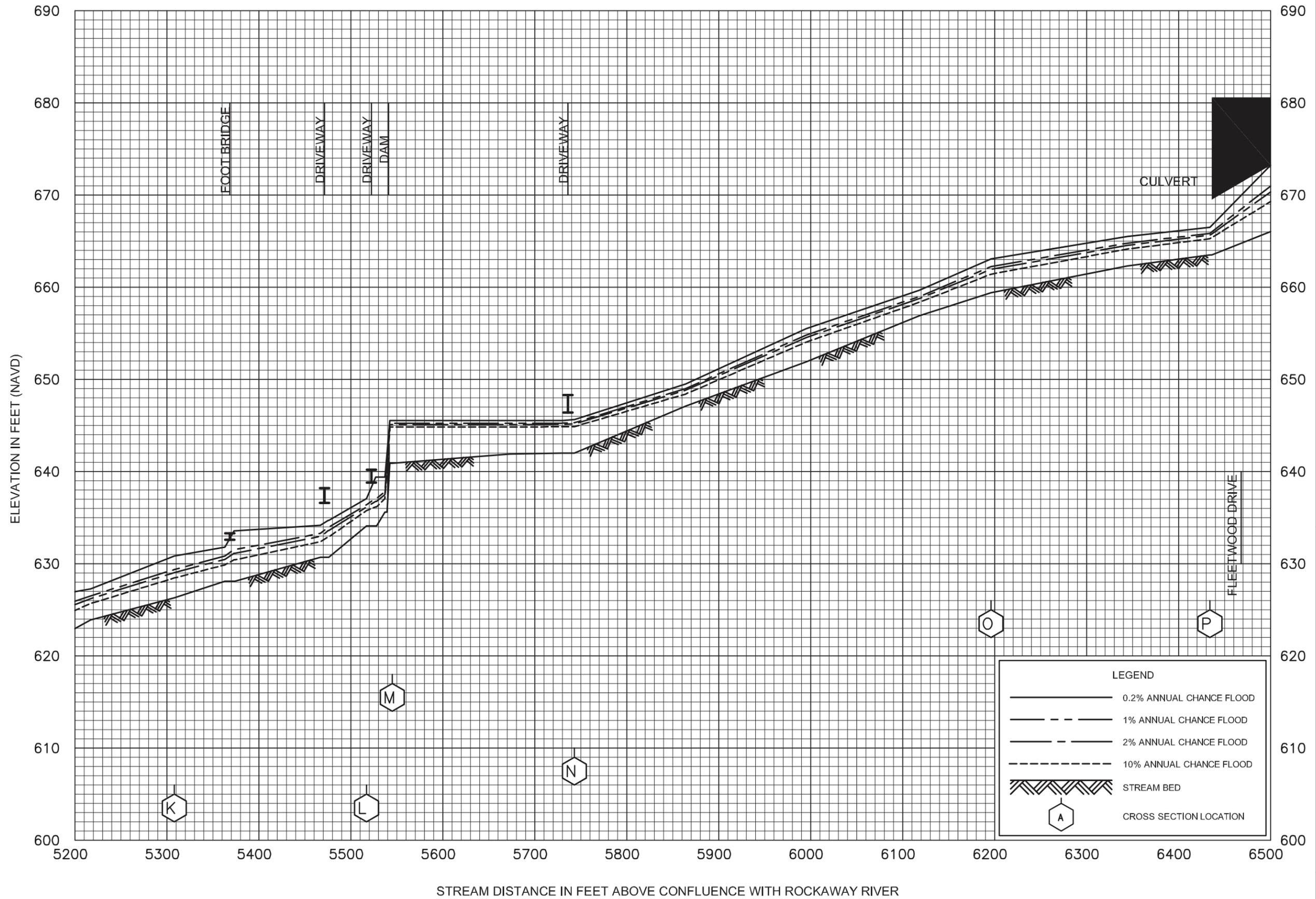
FLOOD PROFILES

FOX BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

113P



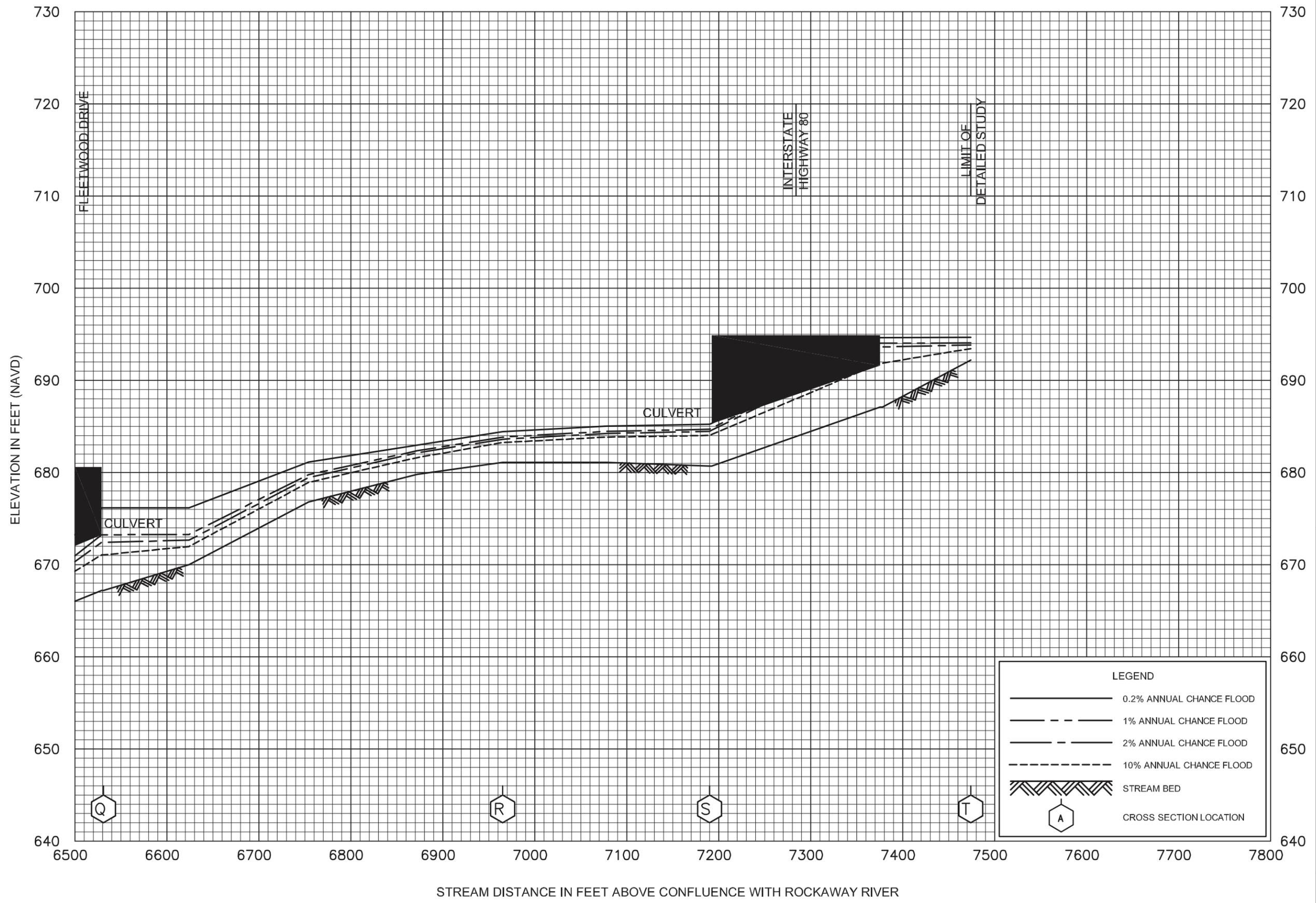
FLOOD PROFILES

FOX BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

114P



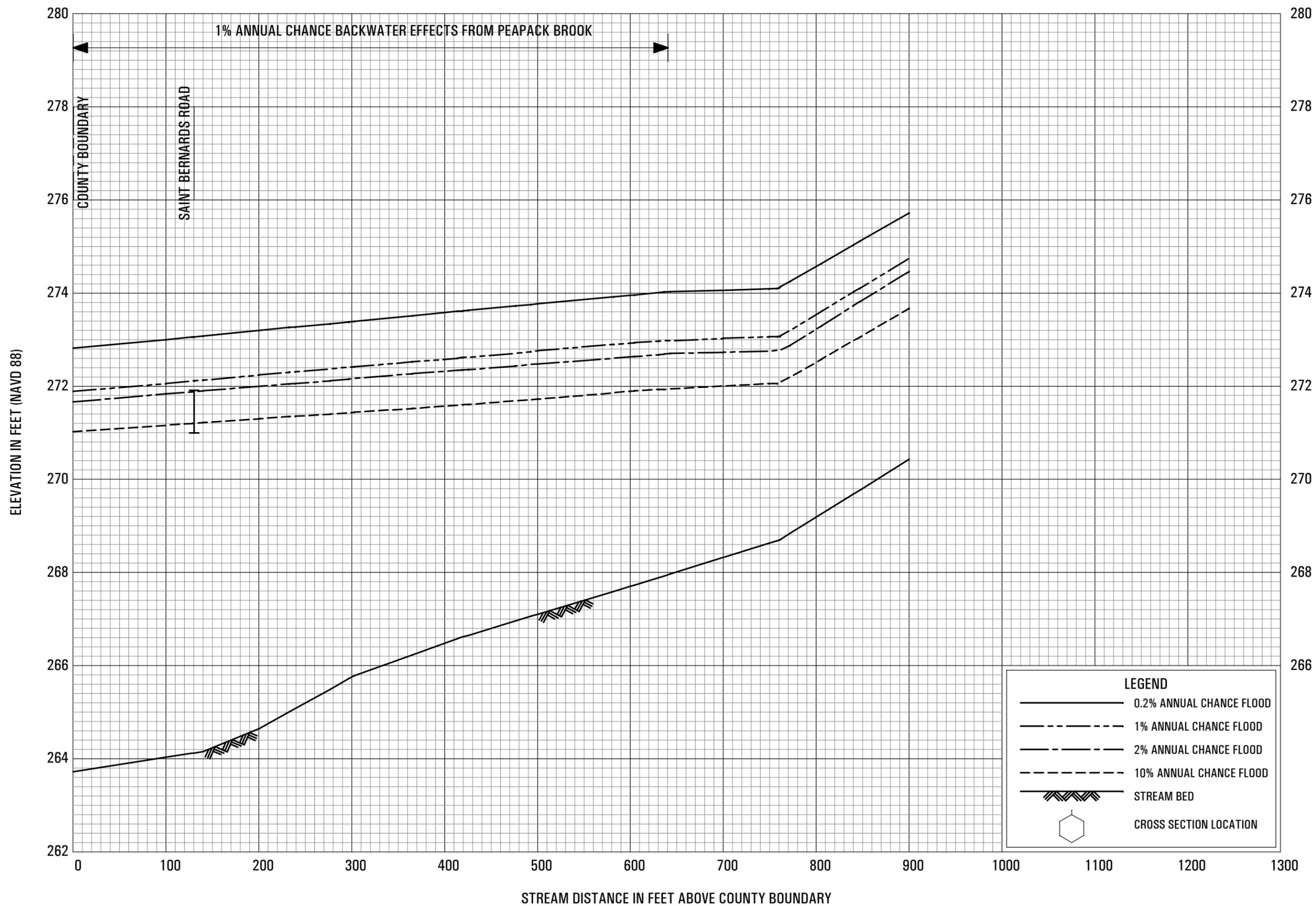
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES  
FOX BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

115P



**FLOOD PROFILES**

**GLADSTONE BROOK**

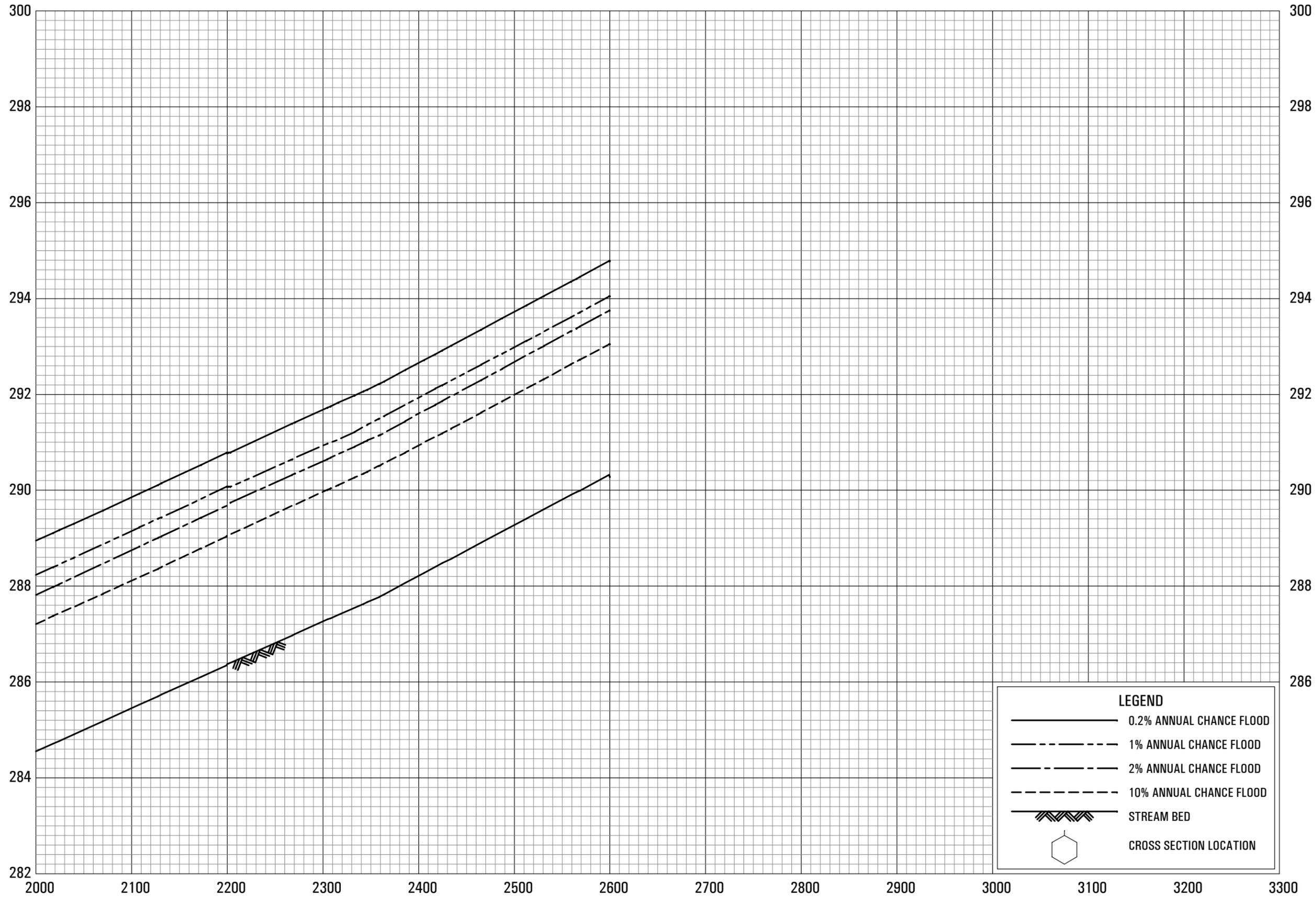
**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**MORRIS COUNTY, NJ**  
(ALL JURISDICTIONS)





ELEVATION IN FEET (NAVD 88)



**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**

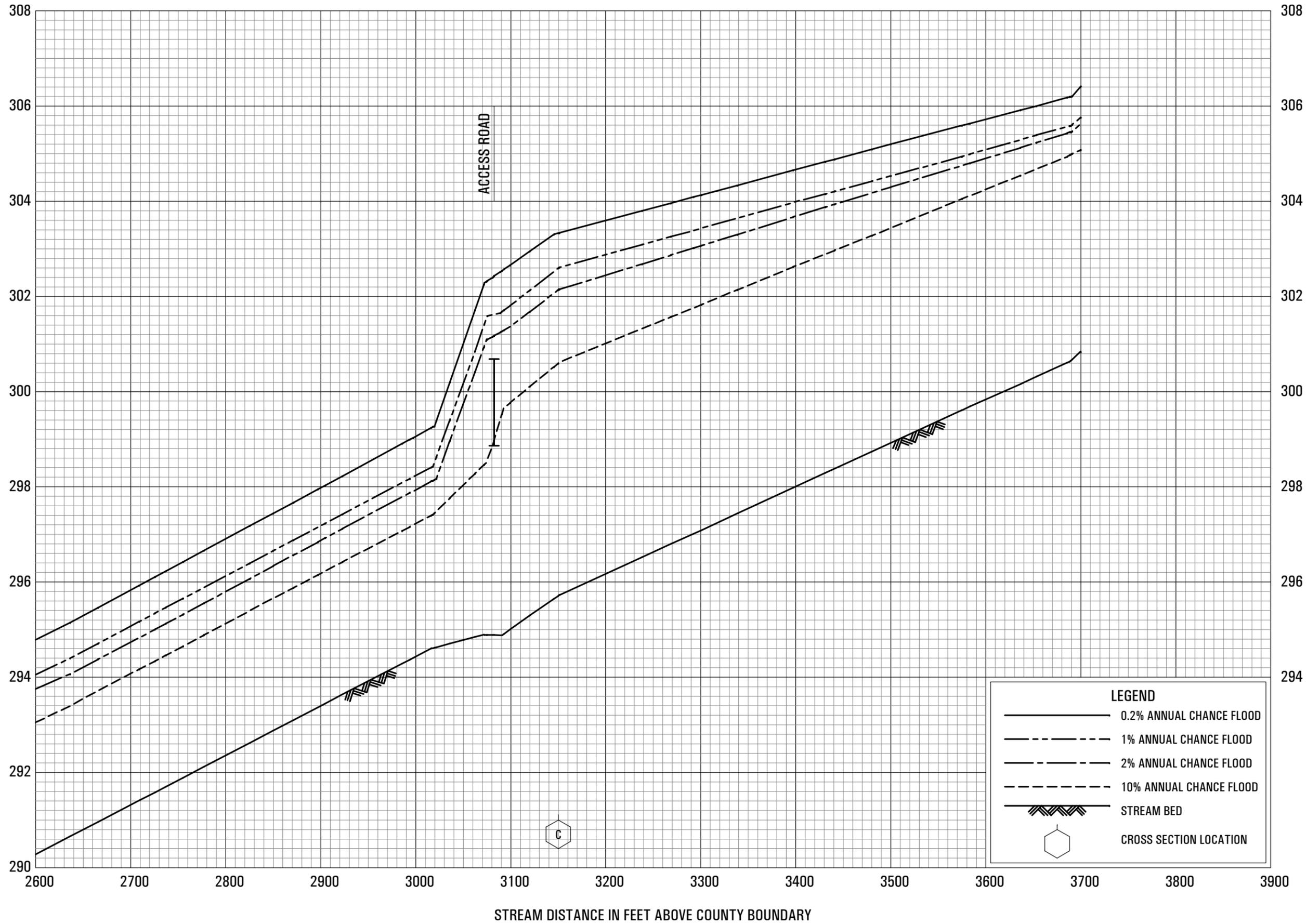
**GLADSTONE BROOK**

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**MORRIS COUNTY, NJ**

(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD 88)



**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

GLADSTONE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

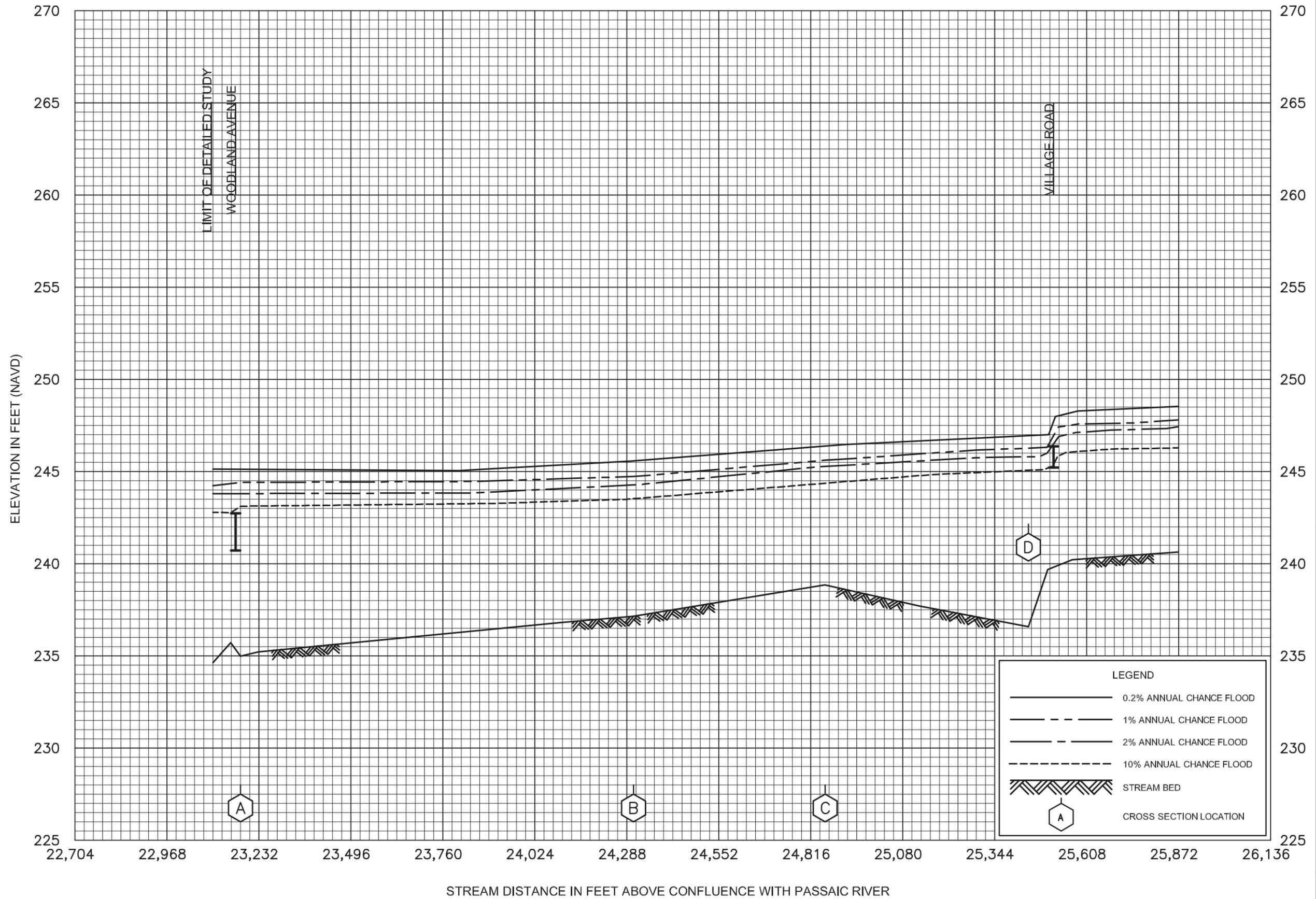
MORRIS COUNTY, NJ

(ALL JURISDICTIONS)

120P







**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - · 2% ANNUAL CHANCE FLOOD
- · - · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

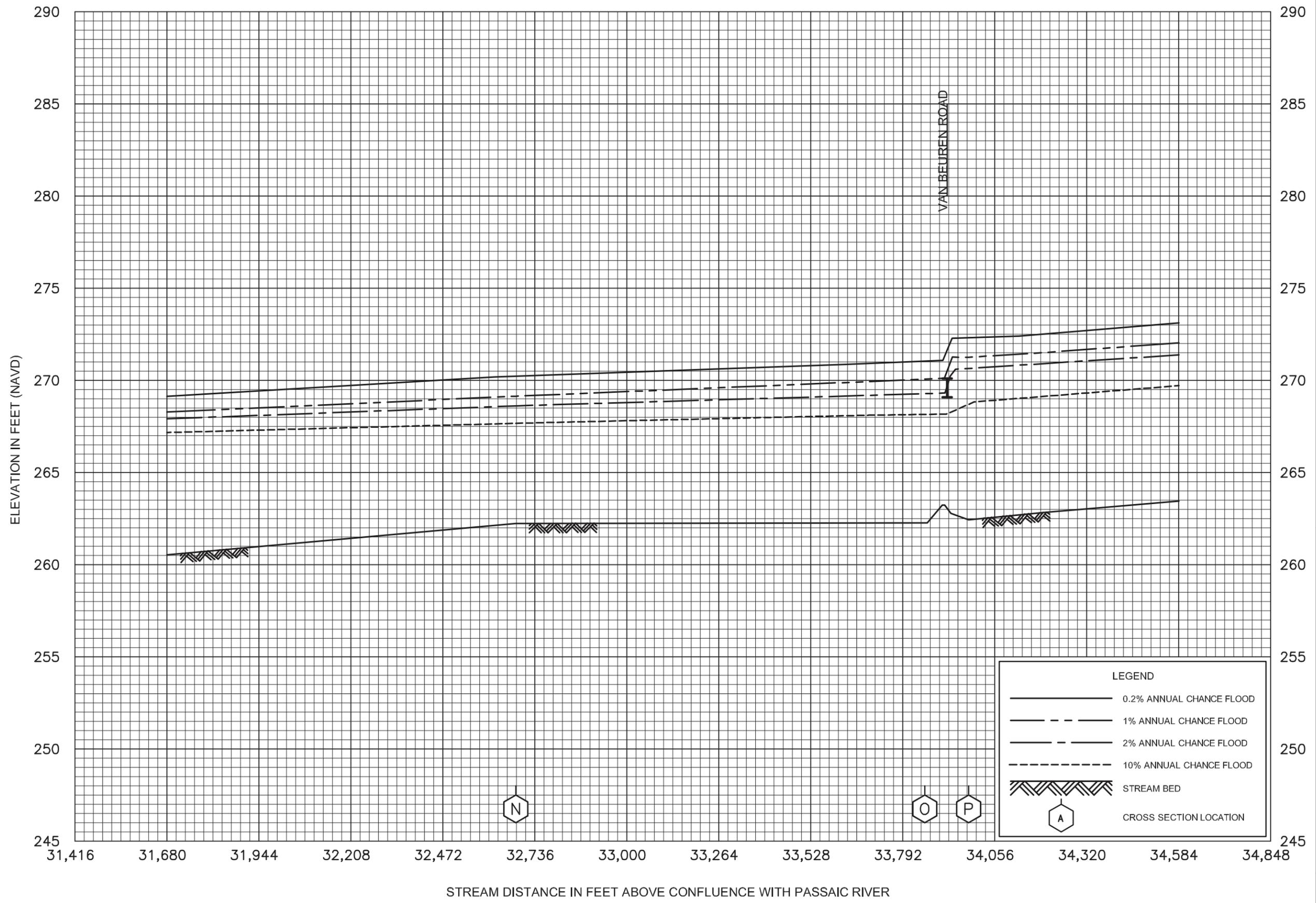
FLOOD PROFILES  
 GREAT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 MORRIS COUNTY, NJ  
 (ALL JURISDICTIONS)

123P







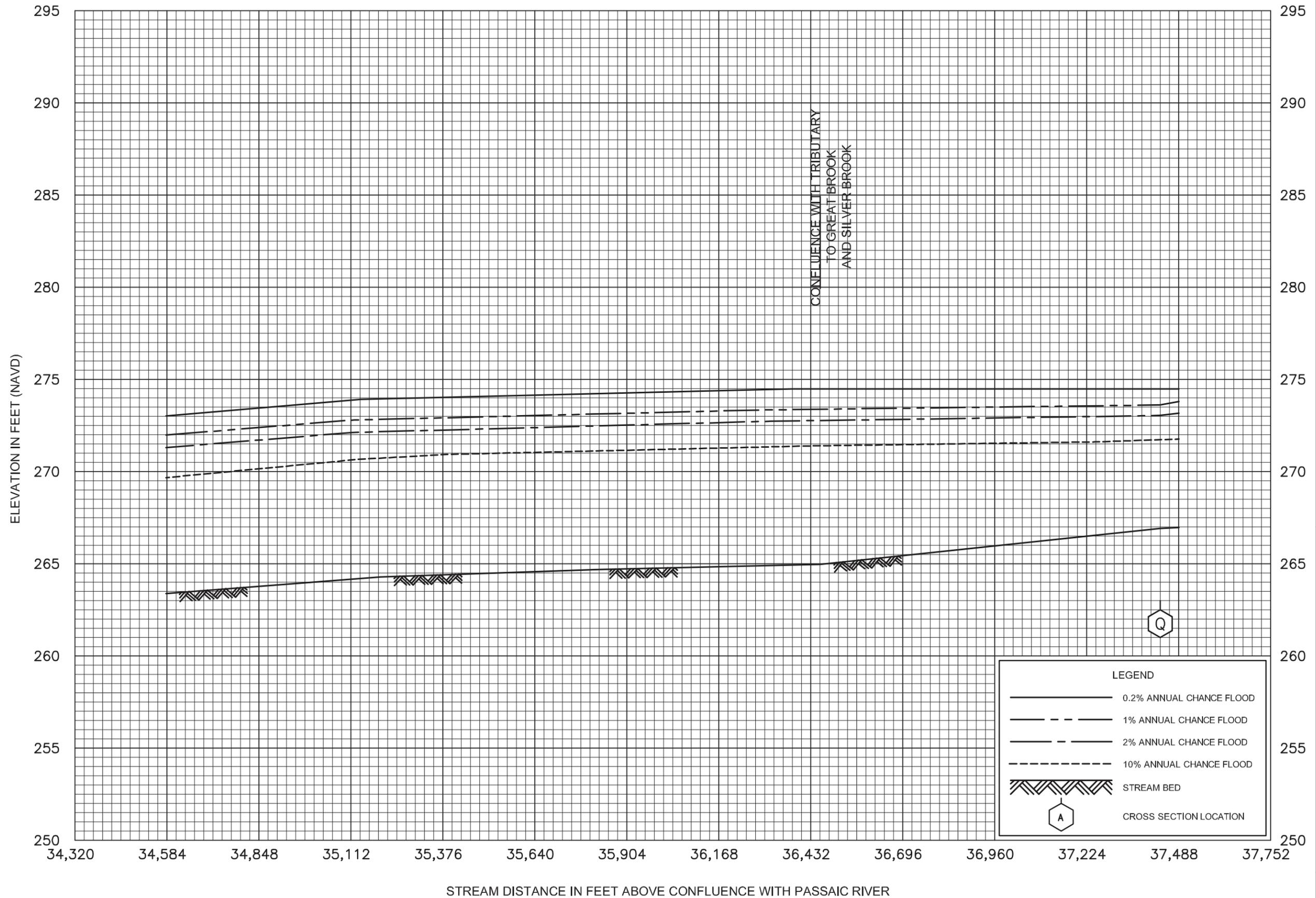
FLOOD PROFILES

GREAT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

126P



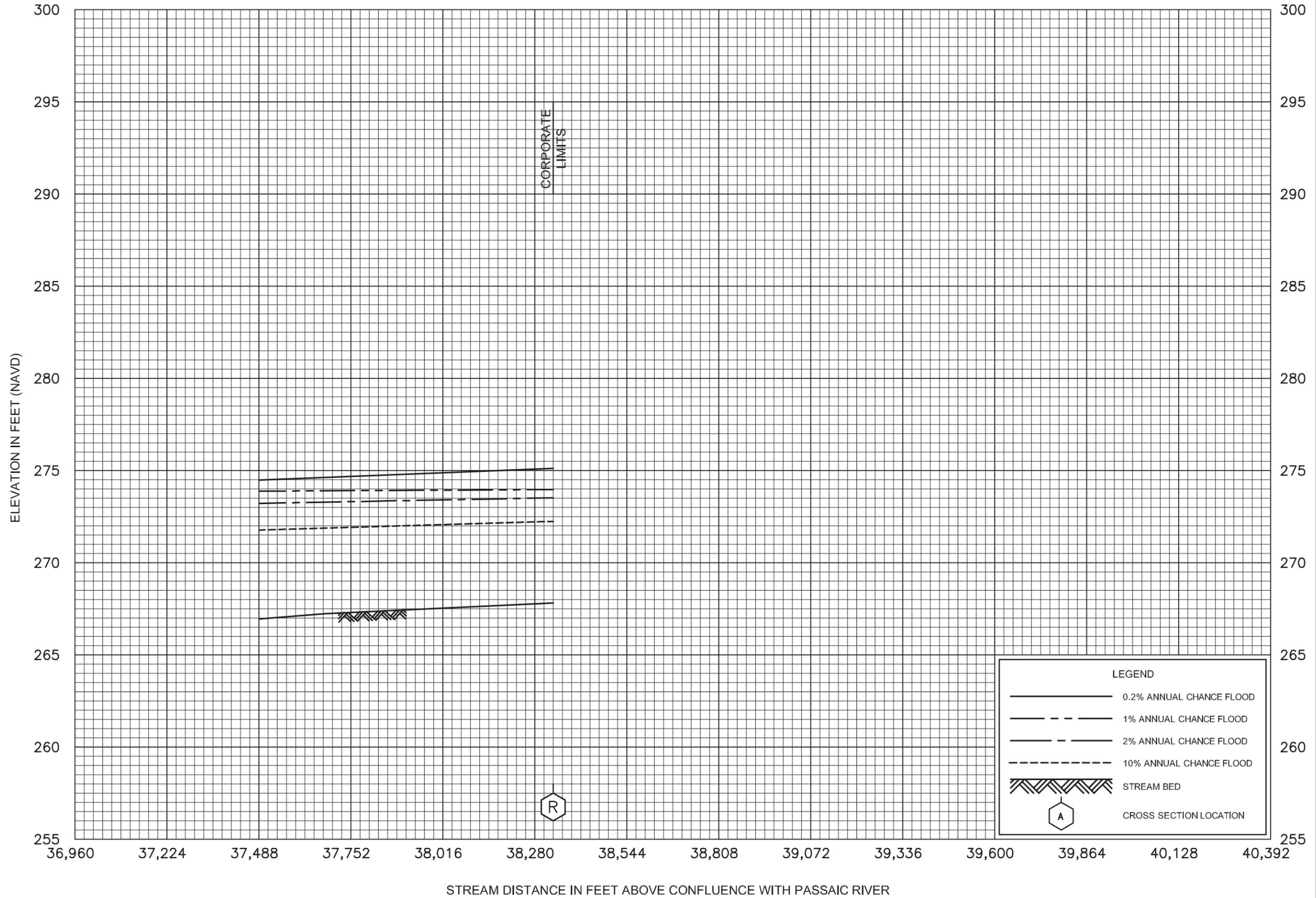
FLOOD PROFILES

GREAT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

127P



**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - · 2% ANNUAL CHANCE FLOOD
- · - · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES

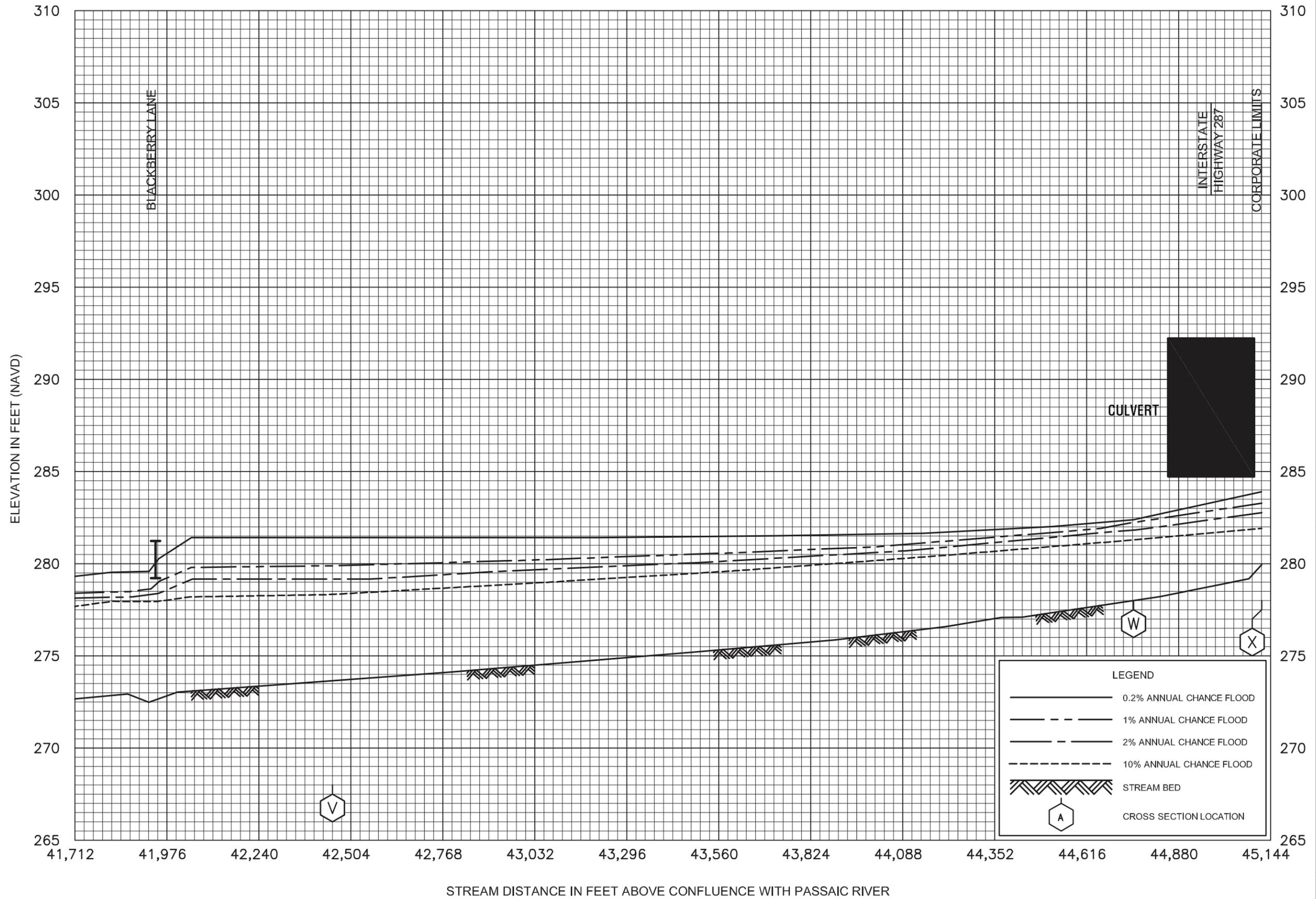
GREAT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

128P





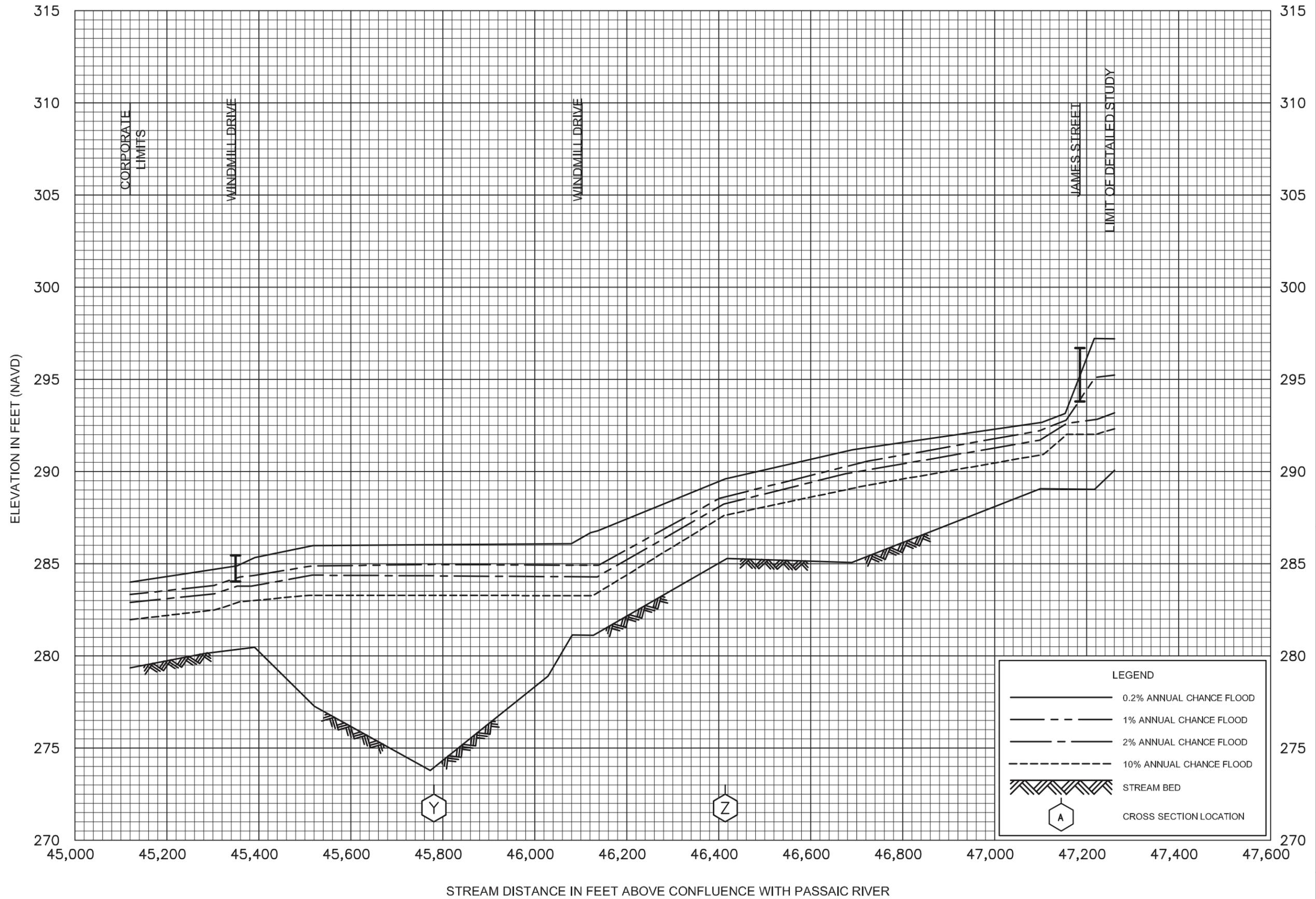
FLOOD PROFILES

GREAT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

130P



FLOOD PROFILES  
GREAT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MORRIS COUNTY, NJ  
(ALL JURISDICTIONS)

131P