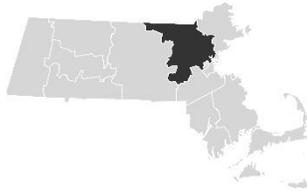


# FLOOD INSURANCE STUDY

## FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 10 OF 15



### MIDDLESEX COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
ACTON, TOWN OF	250176	MARLBOROUGH, CITY OF	250203
ARLINGTON, TOWN OF	250177	MAYNARD, TOWN OF	250204
ASHBY, TOWN OF	250178	MEDFORD, CITY OF	250205
ASHLAND, TOWN OF	250179	MELROSE, CITY OF	250206
AYER, TOWN OF	250180	NATICK, TOWN OF	250207
BEDFORD, TOWN OF	255209	NEWTON, CITY OF	250208
BELMONT, TOWN OF	250182	NORTH READING, TOWN OF	250209
BILLERICA, TOWN OF	250183	PEPPERELL, TOWN OF	250210
BOXBOROUGH, TOWN OF	250184	READING, TOWN OF	250211
BURLINGTON, TOWN OF	250185	SHERBORN, TOWN OF	250212
CAMBRIDGE, CITY OF	250186	SHIRLEY, TOWN OF	250213
CARLISLE, TOWN OF	250187	SOMERVILLE, CITY OF	250214
CHELMSFORD, TOWN OF	250188	STONEHAM, TOWN OF	250215
CONCORD, TOWN OF	250189	STOW, TOWN OF	250216
DRACUT, TOWN OF	250190	SUDBURY, TOWN OF	250217
DUNSTABLE, TOWN OF	250191	TEWKSBURY, TOWN OF	250218
EVERETT, CITY OF	250192	TOWNSEND, TOWN OF	250219
FRAMINGHAM, TOWN OF	250193	TYNGSBOROUGH, TOWN OF	250220
GROTON, TOWN OF	250194	WAKEFIELD, TOWN OF	250221
HOLLISTON, TOWN OF	250195	WALTHAM, CITY OF	250222
HOPKINTON, TOWN OF	250196	WATERTOWN, TOWN OF	250223
HUDSON, TOWN OF	250197	WAYLAND, TOWN OF	250224
LEXINGTON, TOWN OF	250198	WESTFORD, TOWN OF	250225
LINCOLN, TOWN OF	250199	WESTON, TOWN OF	250226
LITTLETON, TOWN OF	250200	WILMINGTON, TOWN OF	250227
LOWELL, CITY OF	250201	WINCHESTER, TOWN OF	250228
MALDEN, CITY OF	250202	WOBURN, CITY OF	250229

**REVISED:**

REVISED  
PRELIMINARY  
06/08/2023



**FEMA**

FLOOD INSURANCE STUDY NUMBER  
**25017CV010D**

Version Number 2.6.3.6

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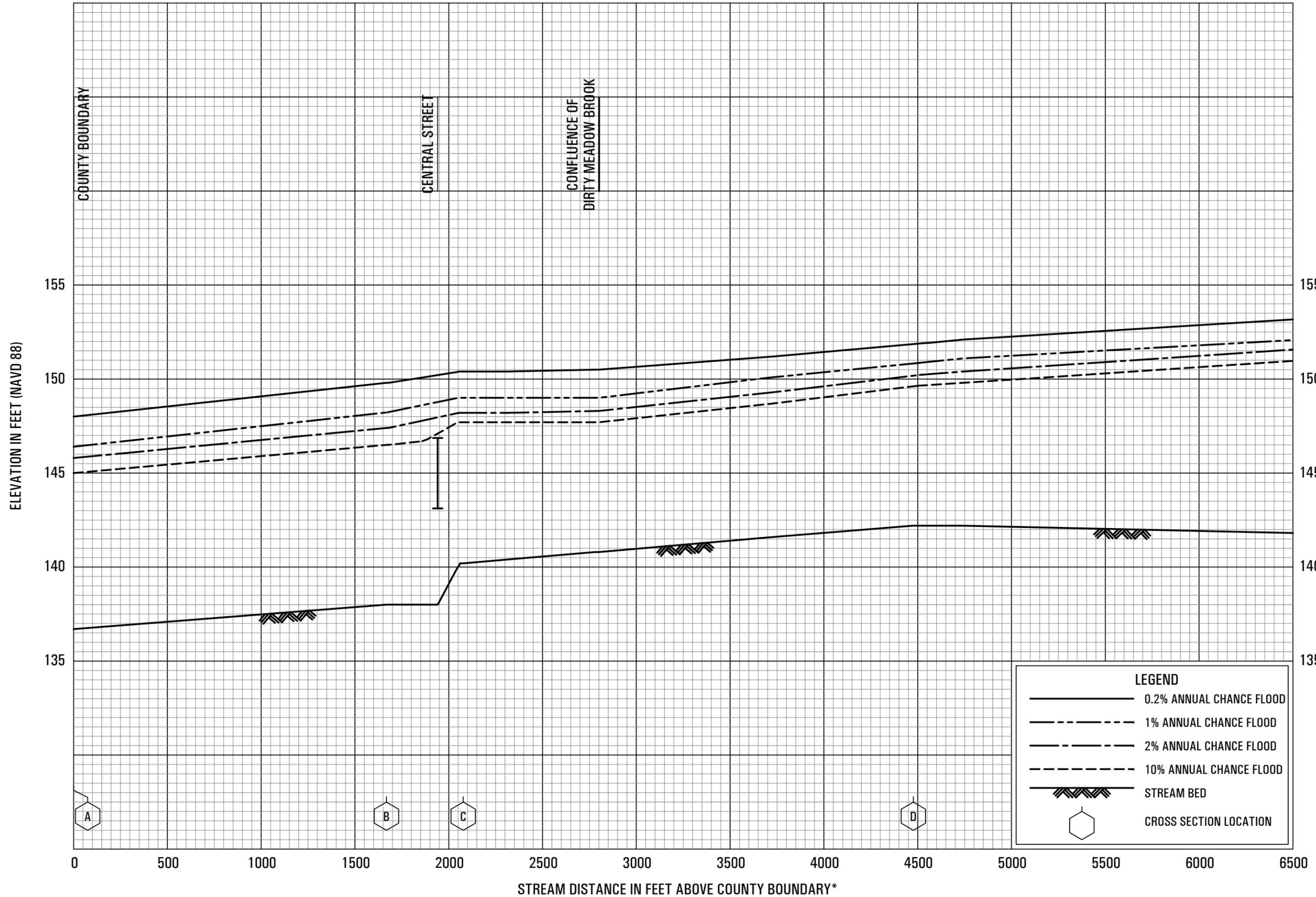
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Wellington Brook	602 P
West Chester Brook	603-605 P
Whitehall Brook	606-608 P
Willard Brook	609-610 P
Winthrop Canal	611-612 P
Witch Brook	613-615 P

**Published Separately**

Flood Insurance Rate Map (FIRM)



\* COUNTY BOUNDARY IS APPROXIMATELY 1,945 FEET DOWNSTREAM OF CENTRAL STREET

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

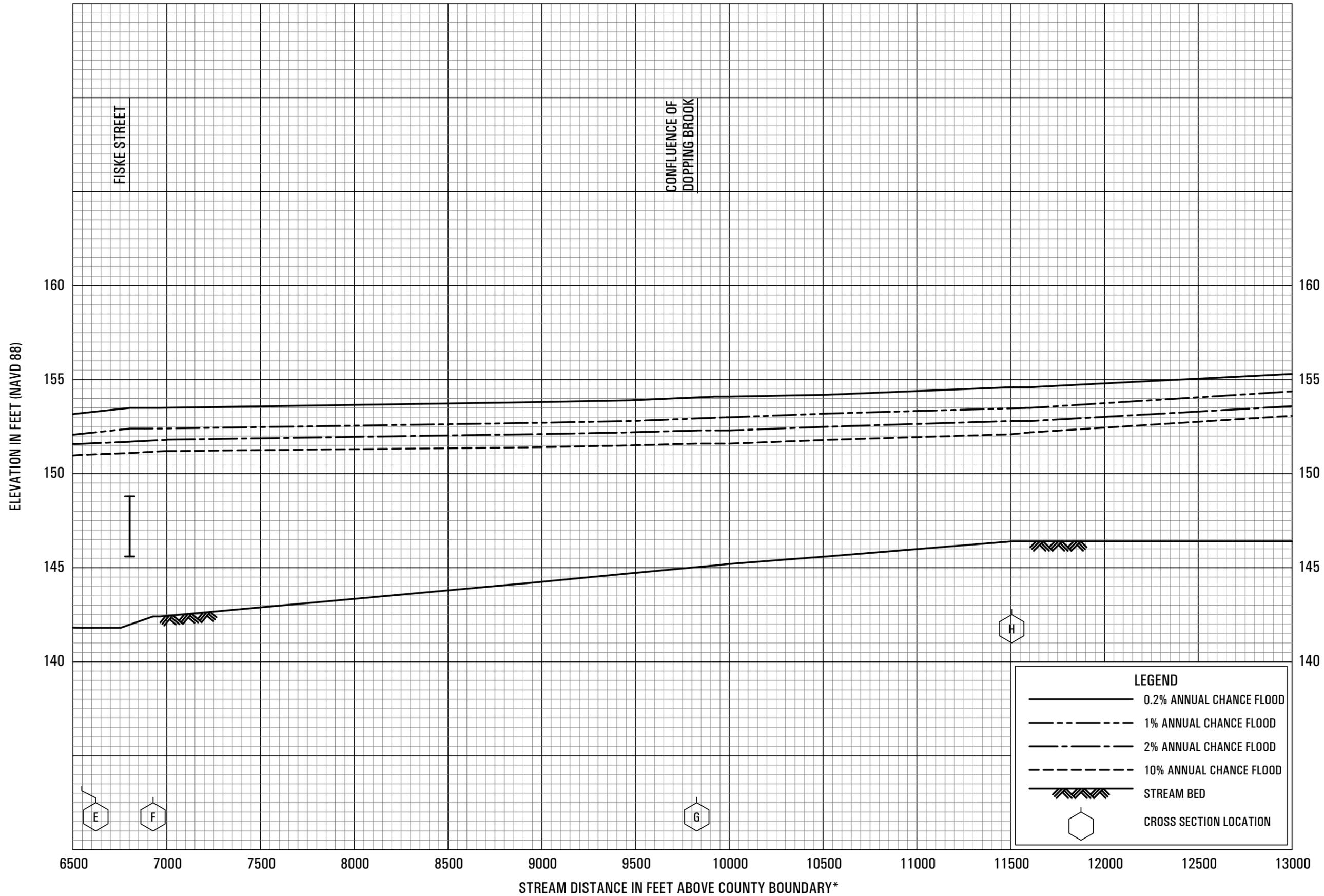
**FLOOD PROFILES**

**BOGASTOW BROOK - JAR BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MIDDLESEX COUNTY, MA**

(ALL JURISDICTIONS)



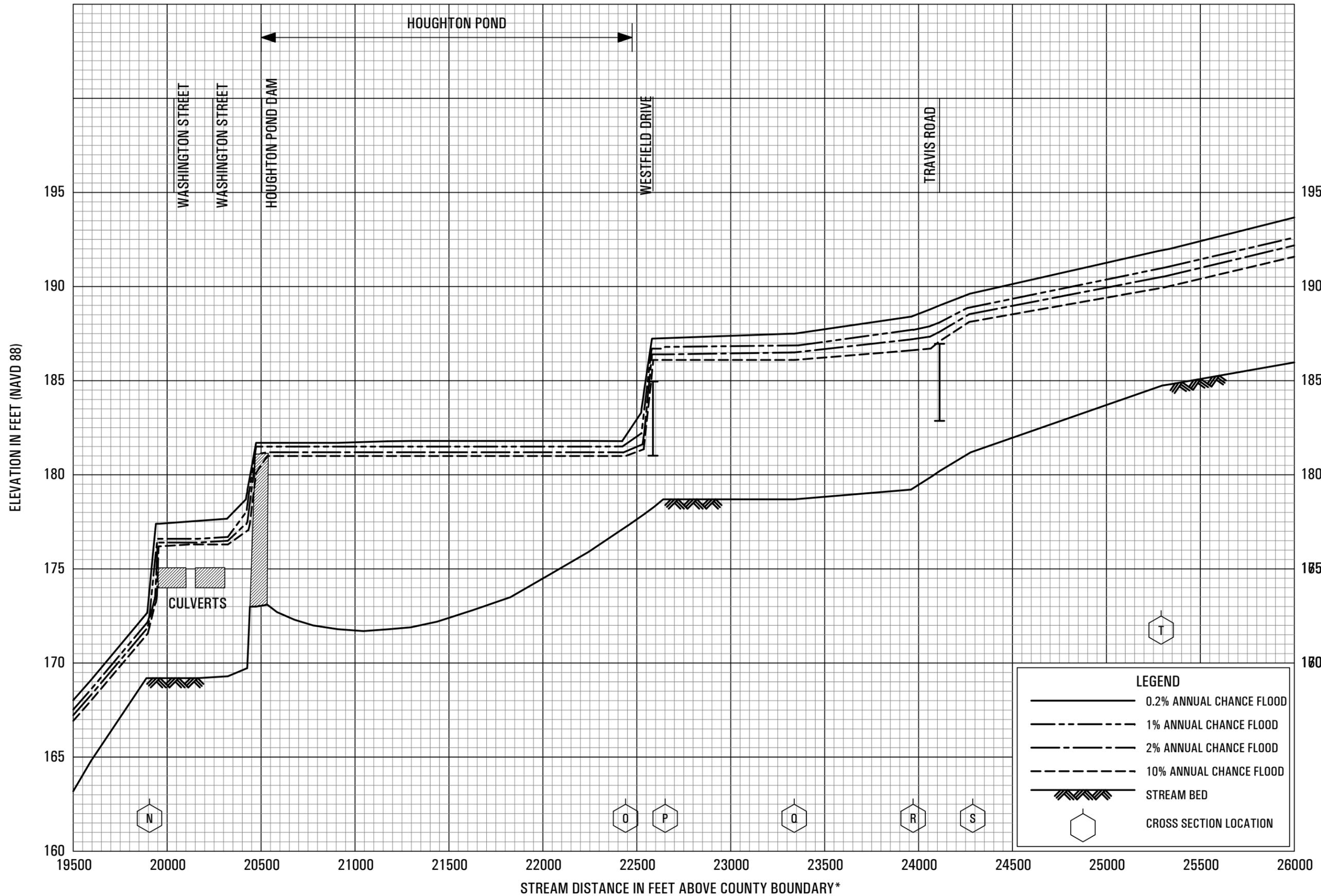
STREAM DISTANCE IN FEET ABOVE COUNTY BOUNDARY\*  
 \* COUNTY BOUNDARY IS APPROXIMATELY 1,945 FEET DOWNSTREAM OF CENTRAL STREET

**FLOOD PROFILES**

**BOGASTOW BROOK - JAR BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)



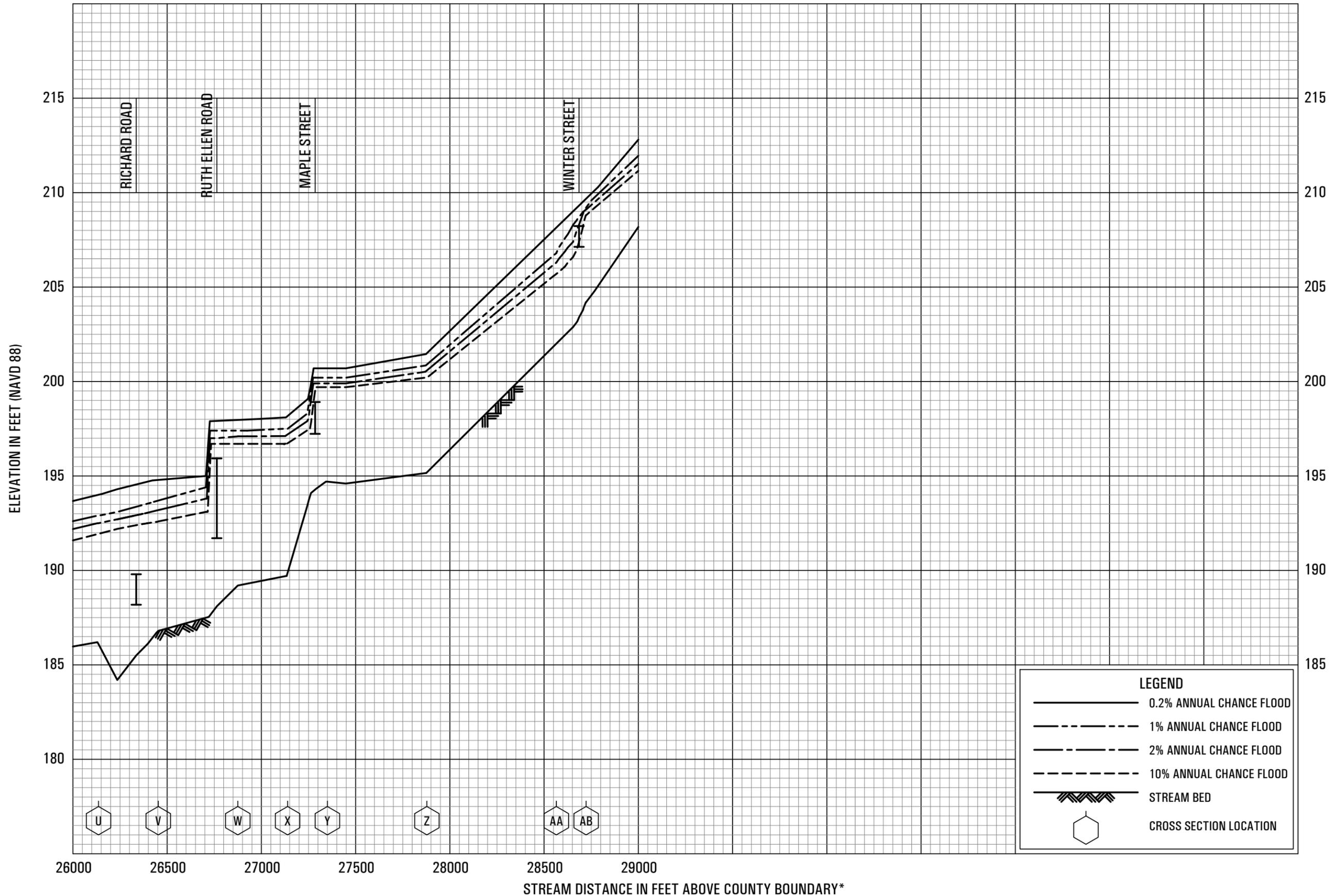


\* COUNTY BOUNDARY IS APPROXIMATELY 1,945 FEET DOWNSTREAM OF CENTRAL STREET

**FLOOD PROFILES**

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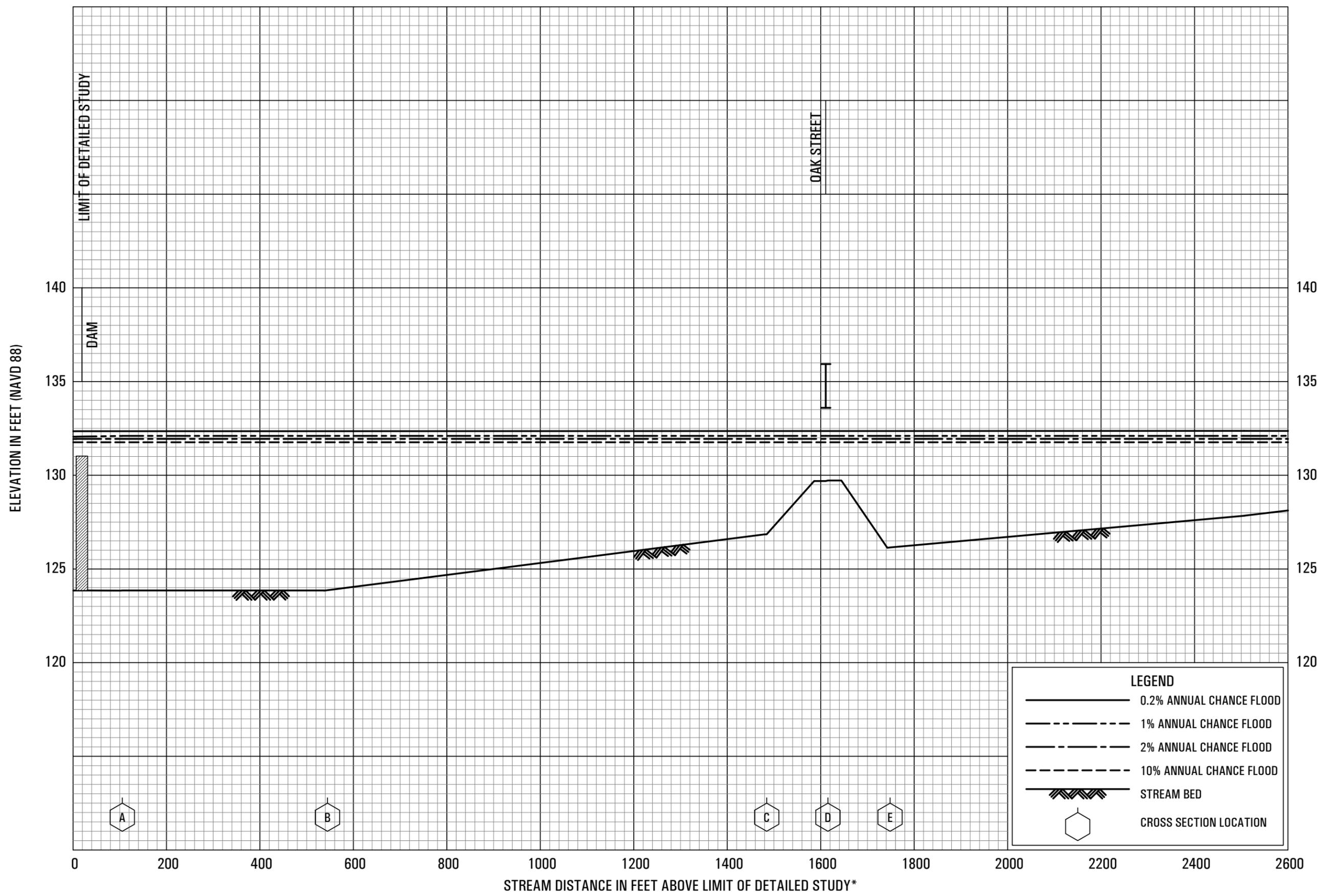
\* COUNTY BOUNDARY IS APPROXIMATELY 1,945 FEET DOWNSTREAM OF CENTRAL STREET

**FLOOD PROFILES**

**BOGASTOW BROOK - JAR BROOK**

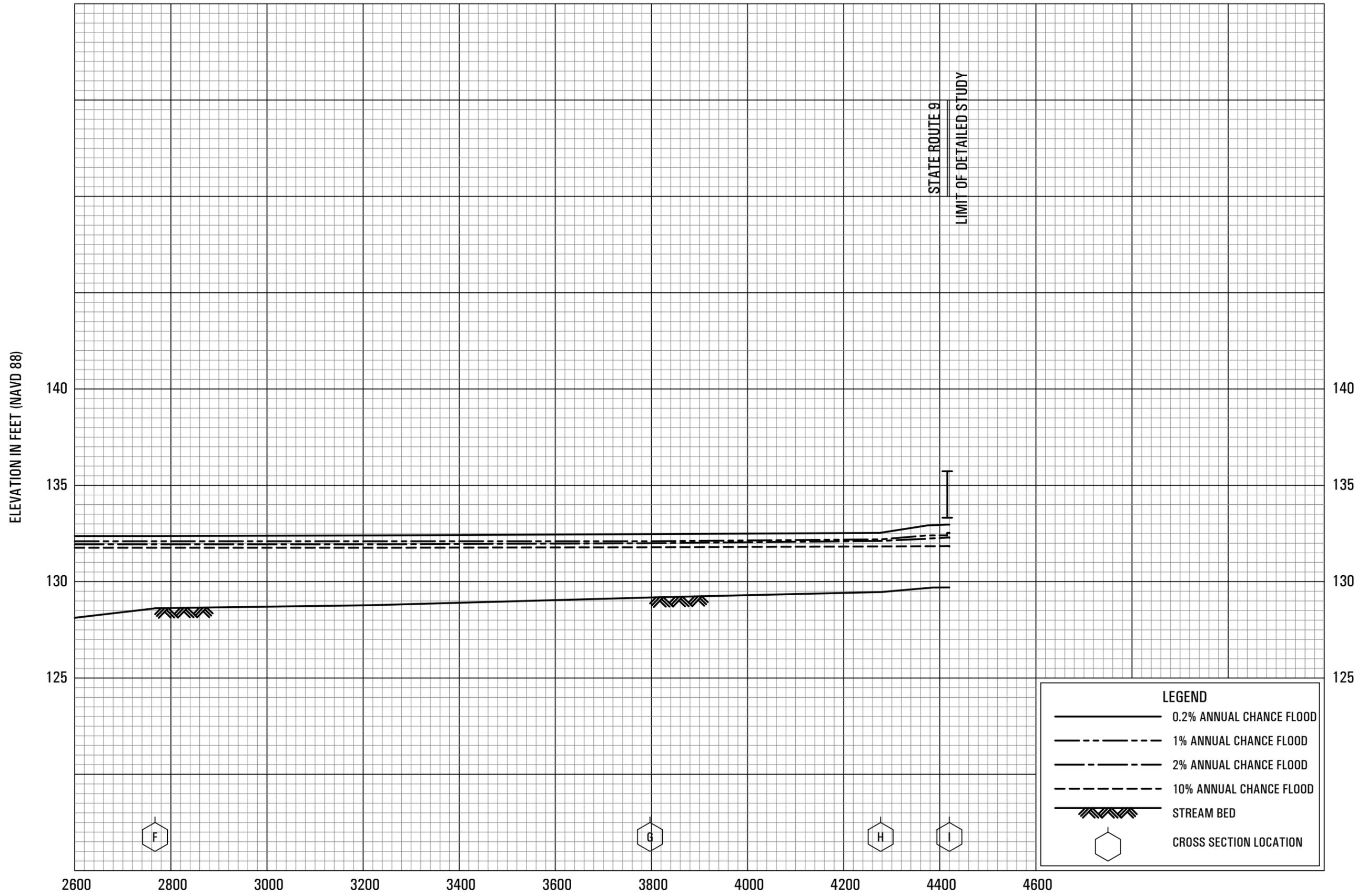
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**FLOOD PROFILES**  
BOGLE BROOK 1

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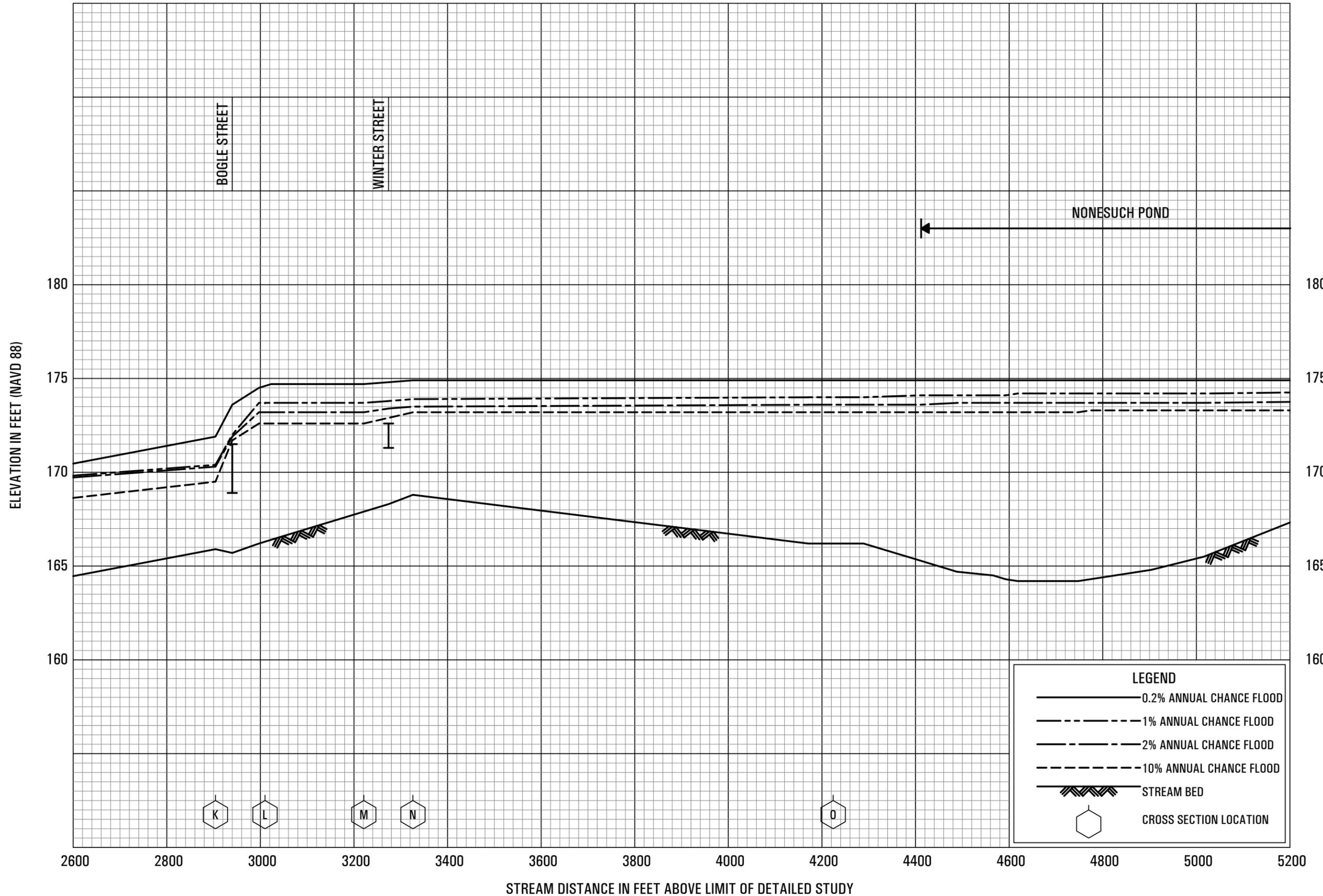


STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY\*  
 \*LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,609 FEET DOWNSTREAM OF OAK STREET

**FLOOD PROFILES**  
**BOGLE BROOK 1**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
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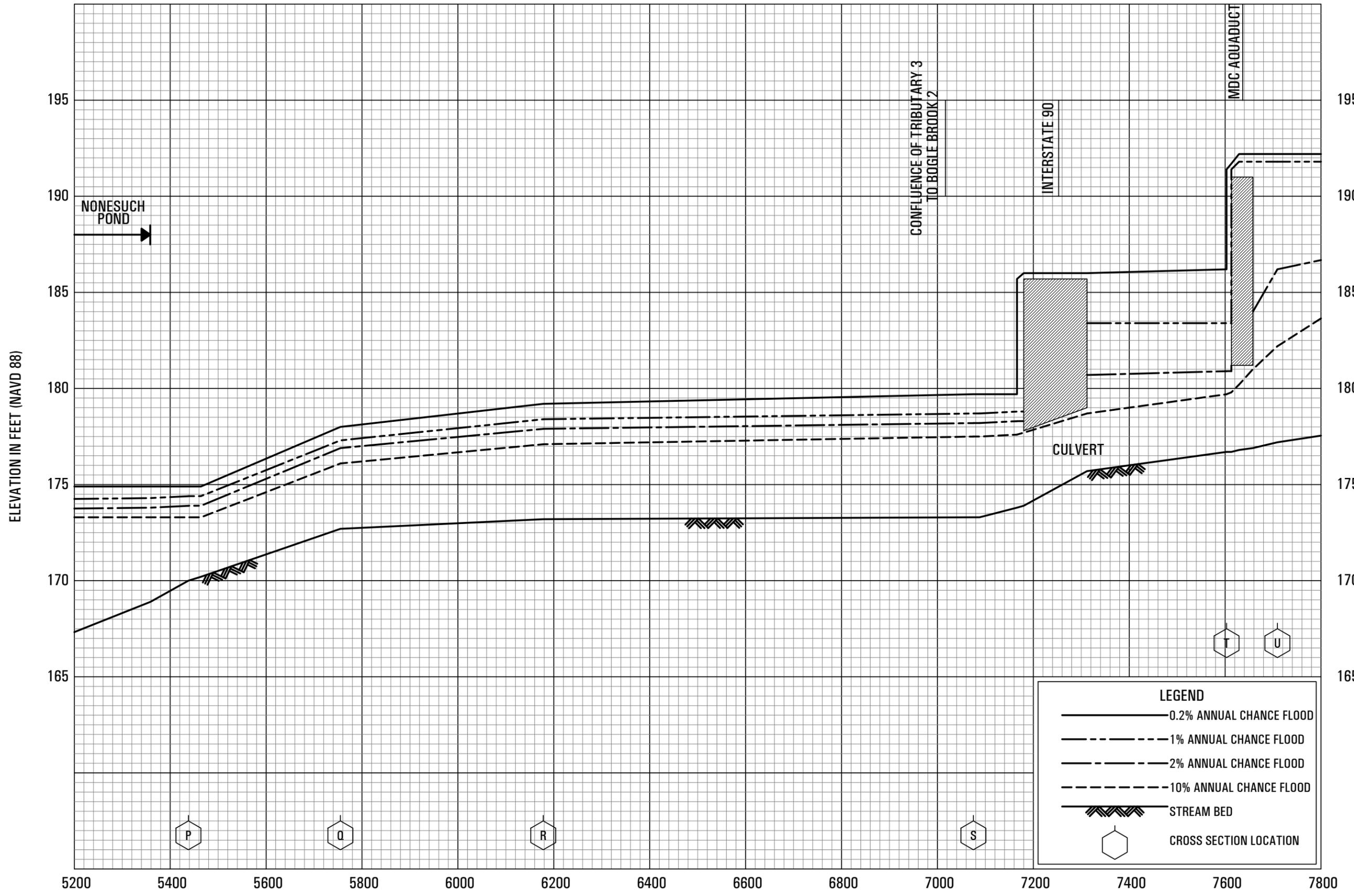


STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY  
 \* LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,430 FEET DOWNSTREAM OF SHERBURN CIRCLE

**FLOOD PROFILES**

**BOGLE BROOK 2**

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**FLOOD PROFILES**

**BOGLE BROOK 2**

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STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY  
 \* LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,430 FEET DOWNSTREAM OF SHERBURN CIRCLE

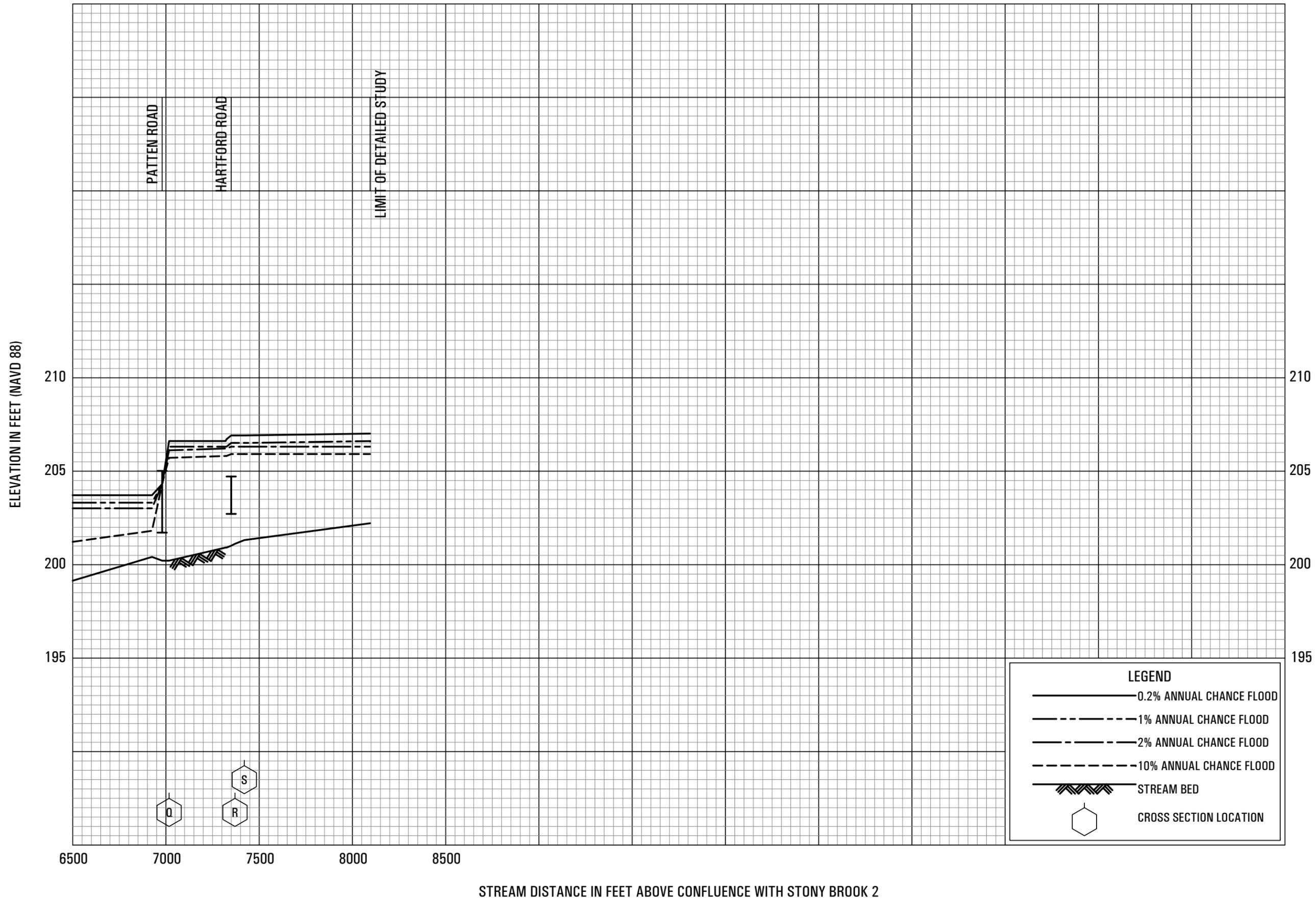










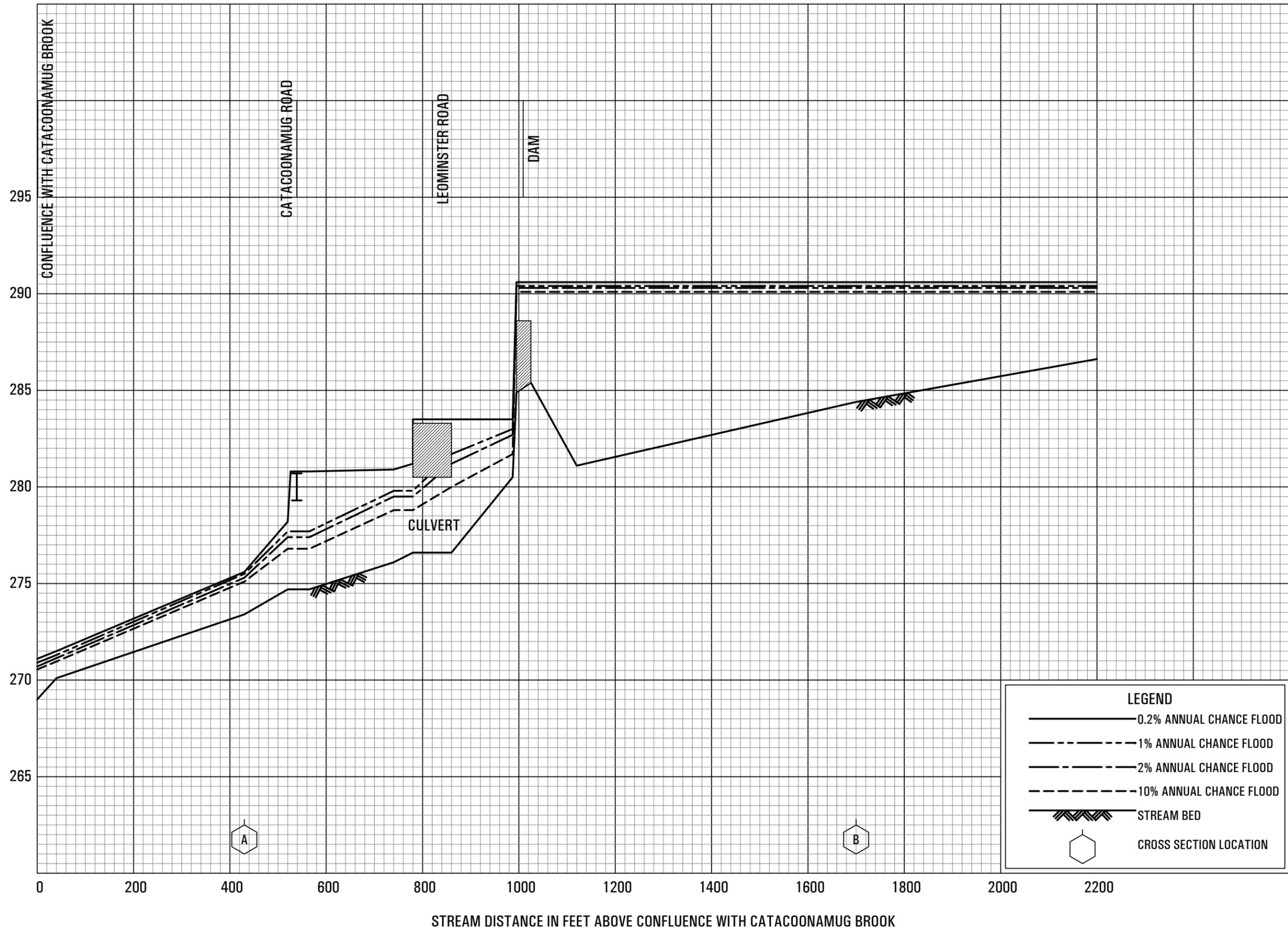


**FLOOD PROFILES**

**BOUTWELL BROOK**

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)**

ELEVATION IN FEET (NAVD 88)

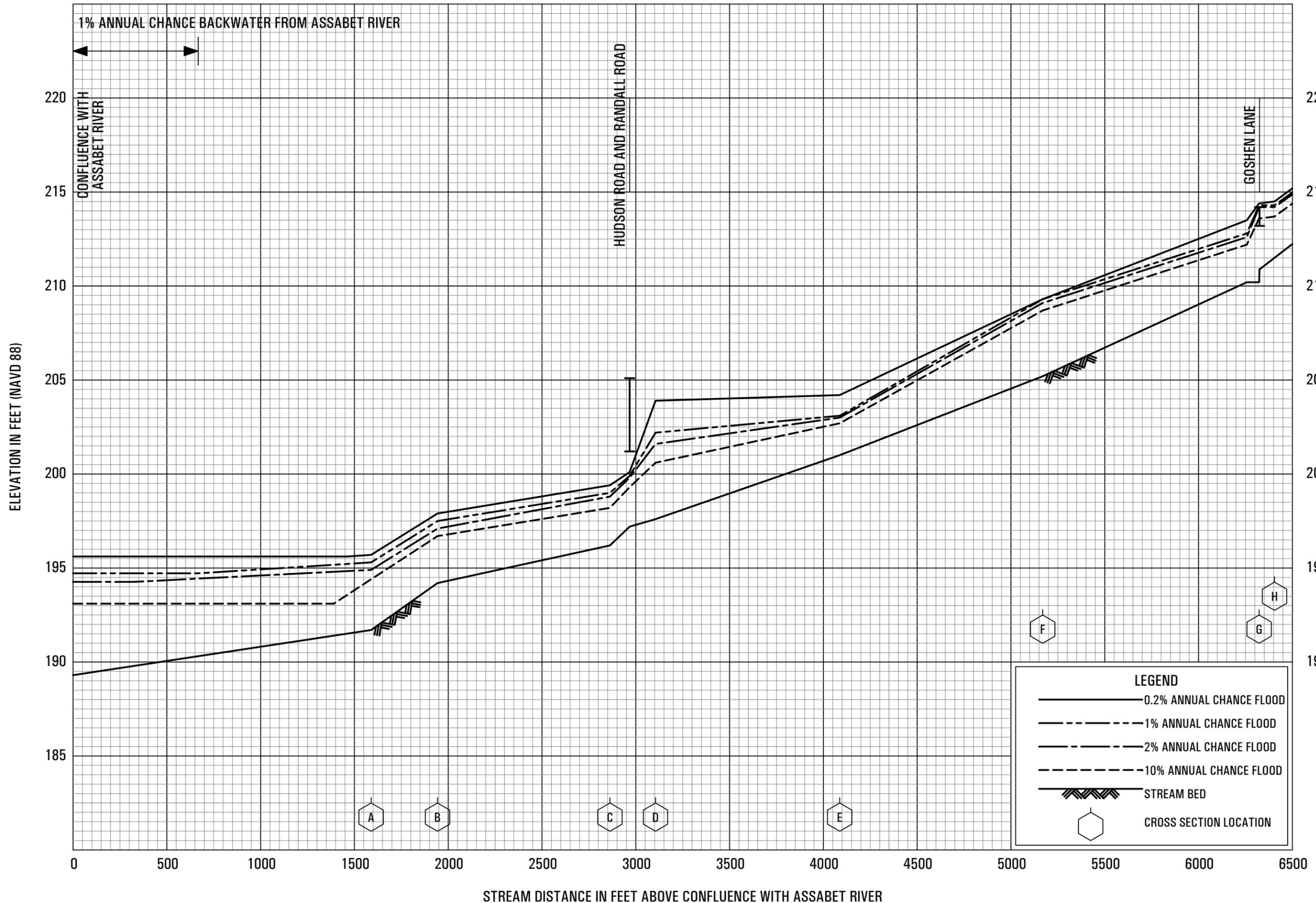


FLOOD PROFILES

BOW BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



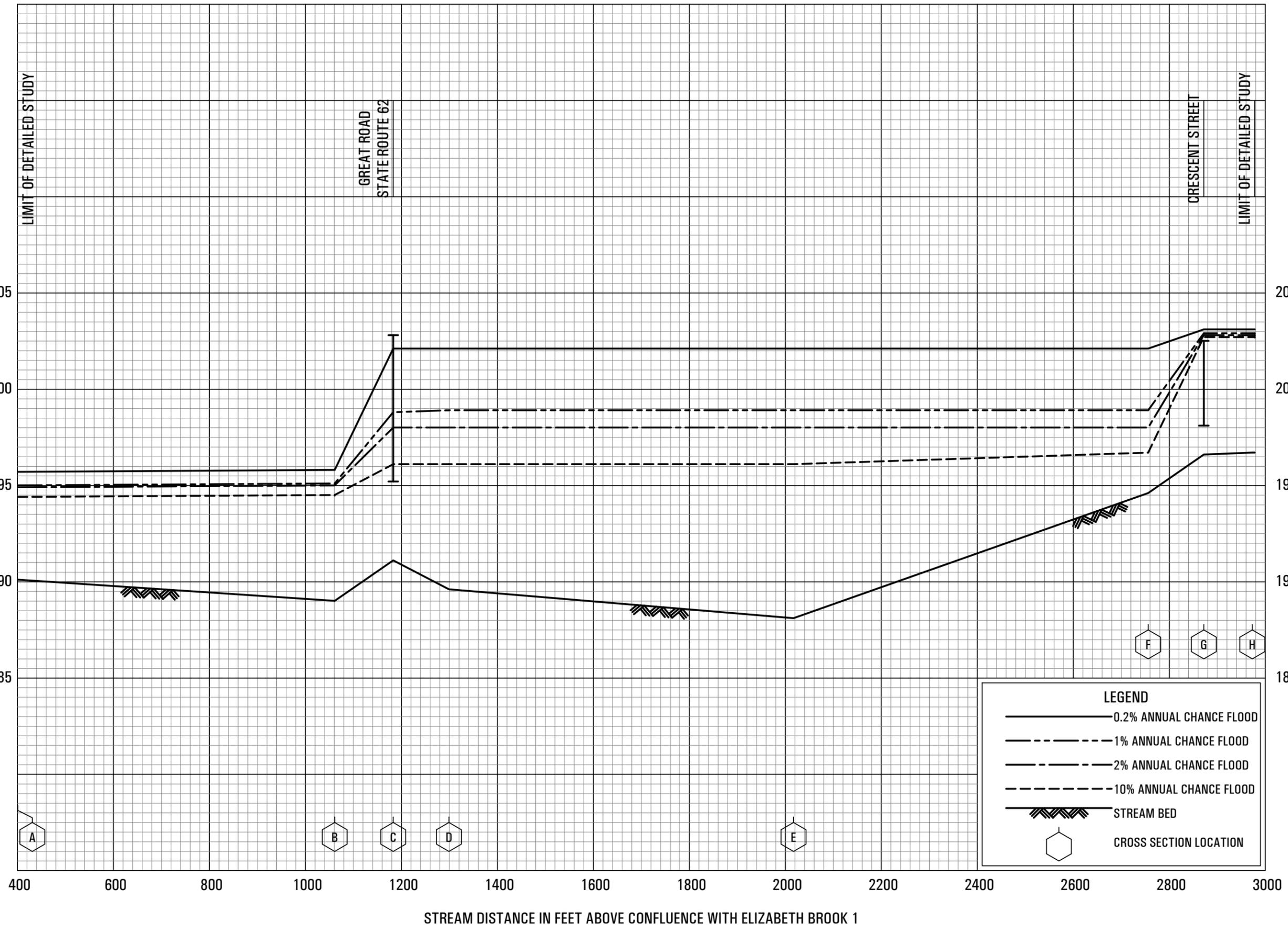


**FLOOD PROFILES**  
**BRANCH OF ASSABET RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)



ELEVATION IN FEET (NAVD 88)



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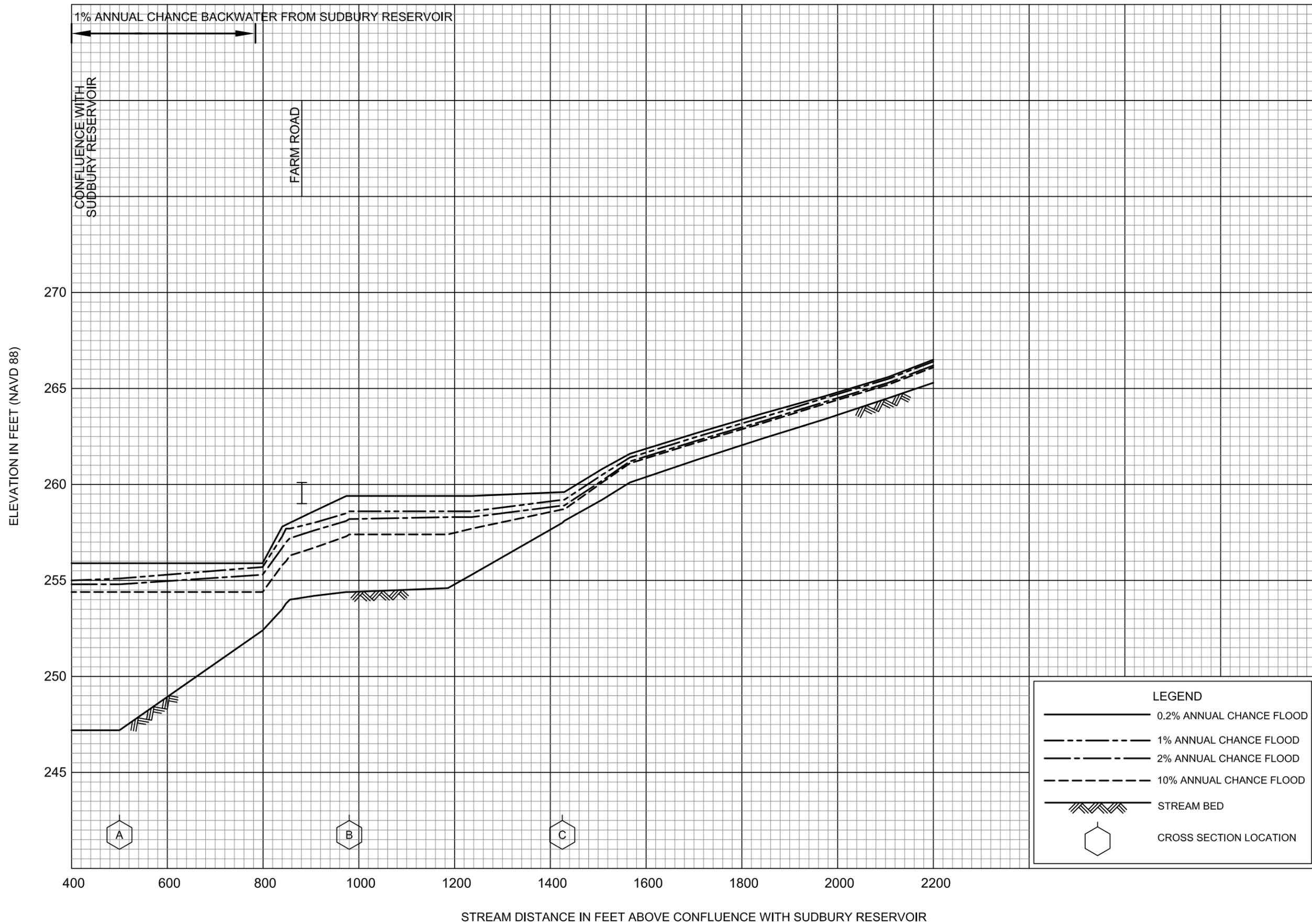
BRANCH OF ELIZABETH BROOK 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)

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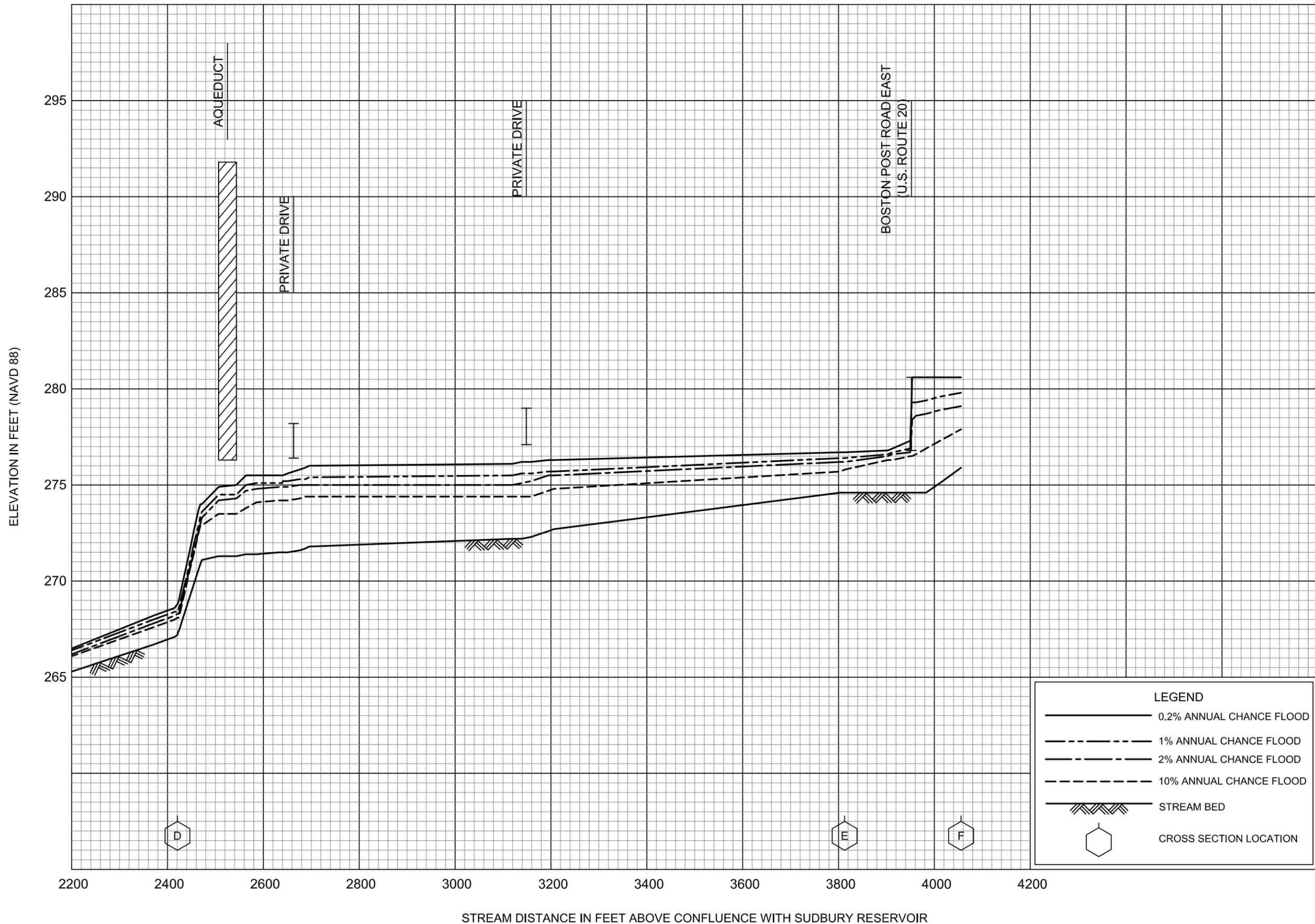


FLOOD PROFILES

BROAD MEADOW BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

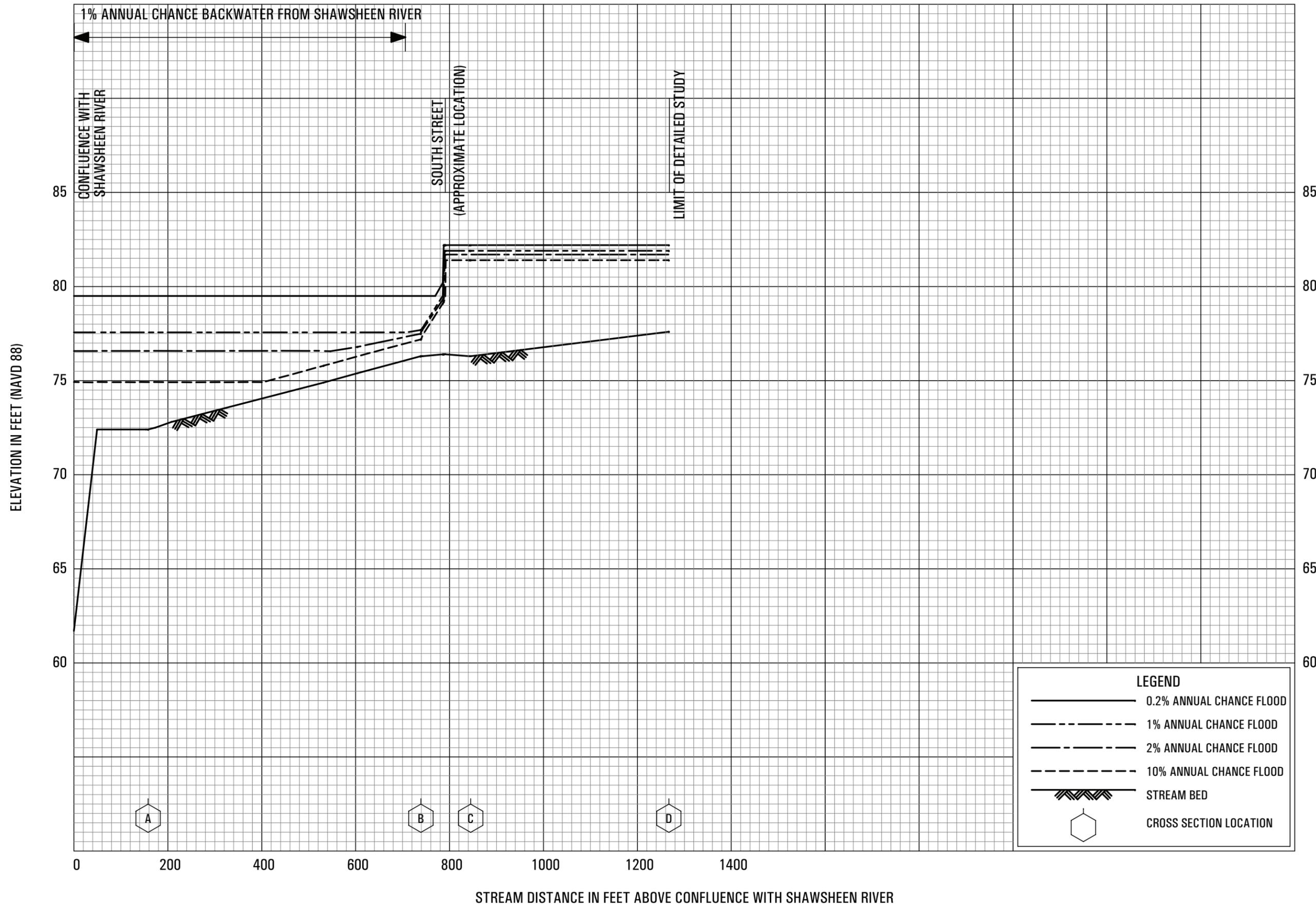
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



FLOOD PROFILES

BROAD MEADOW BROOK

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 MIDDLESEX COUNTY, MA  
 (ALL JURISDICTIONS)

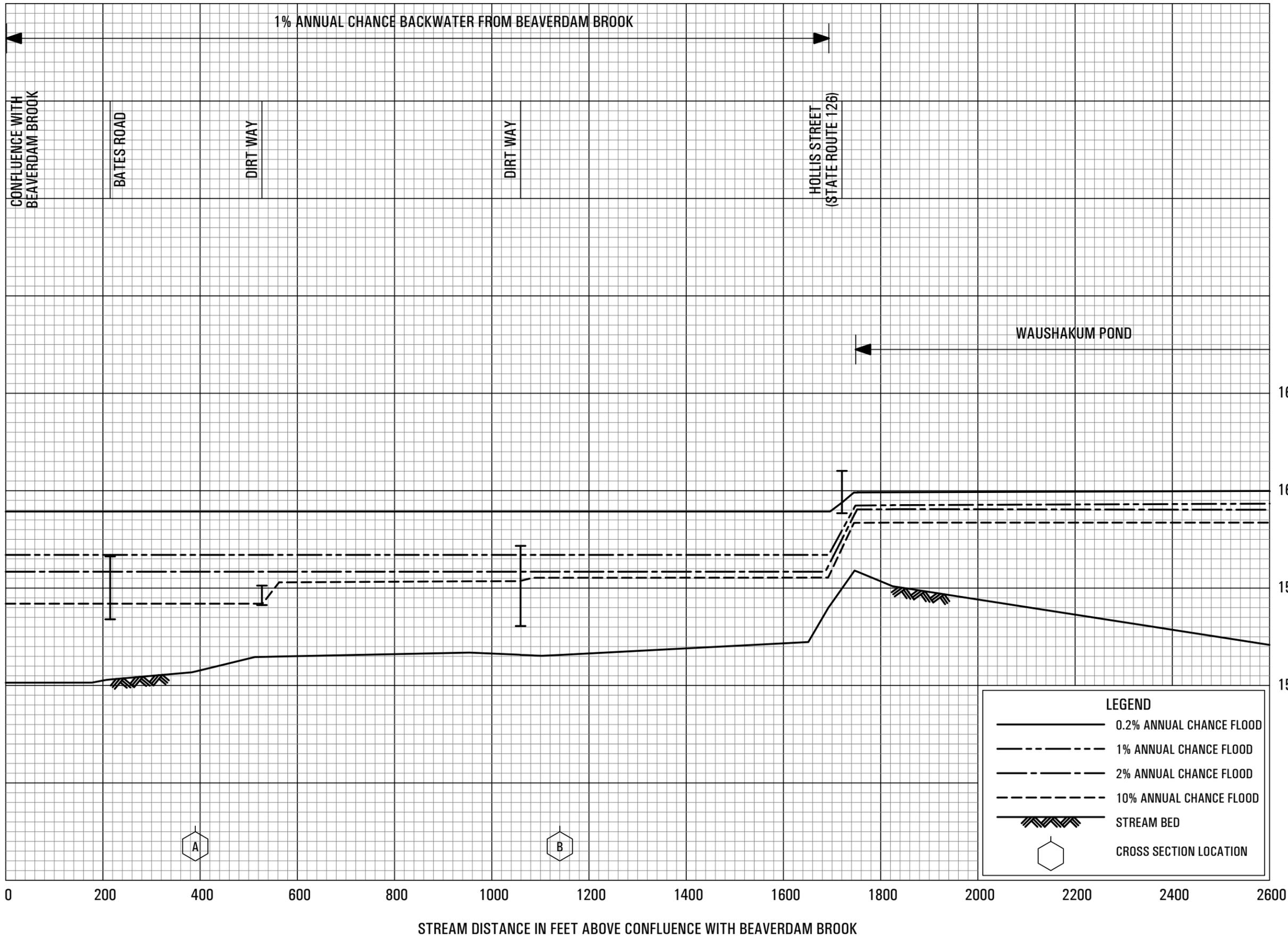


**FLOOD PROFILES**

**BROOK A**

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)**

ELEVATION IN FEET (NAVD 88)



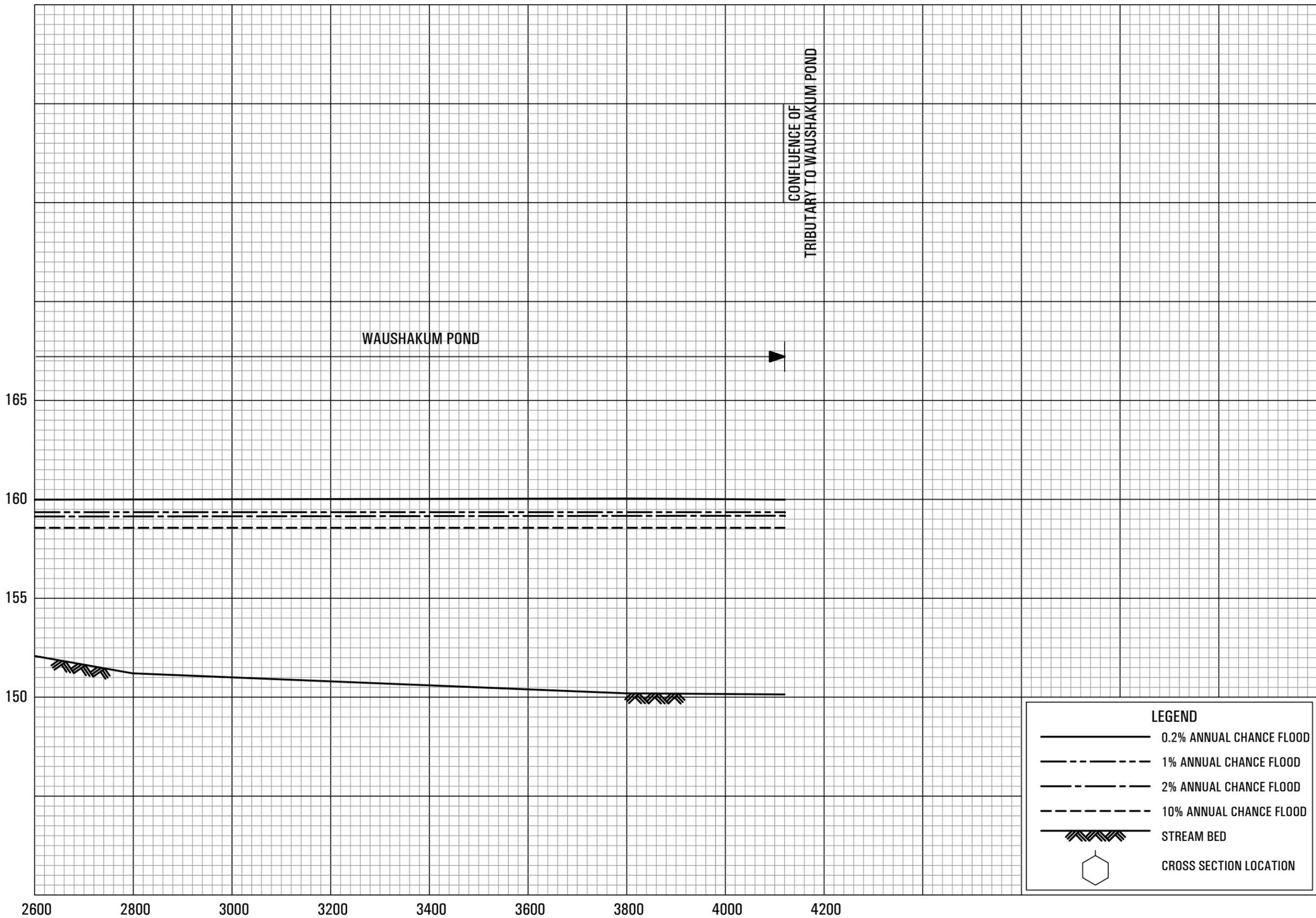
**FLOOD PROFILES**

BROOK FROM WAUSHAKUM POND

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)

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ELEVATION IN FEET (NAVD 88)



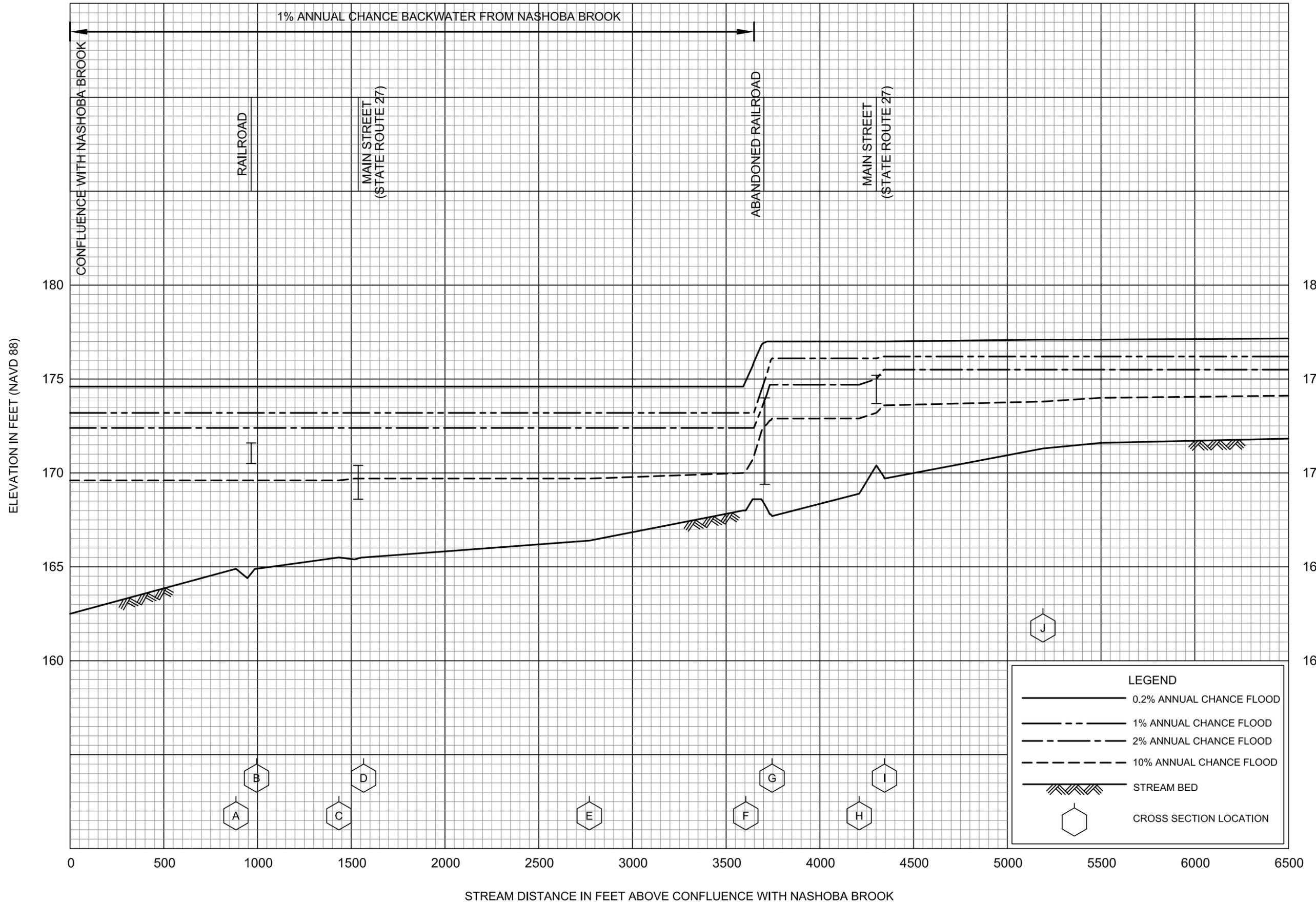
**LEGEND**

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

**FLOOD PROFILES**

**BROOK FROM WAUSHAKUM POND**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



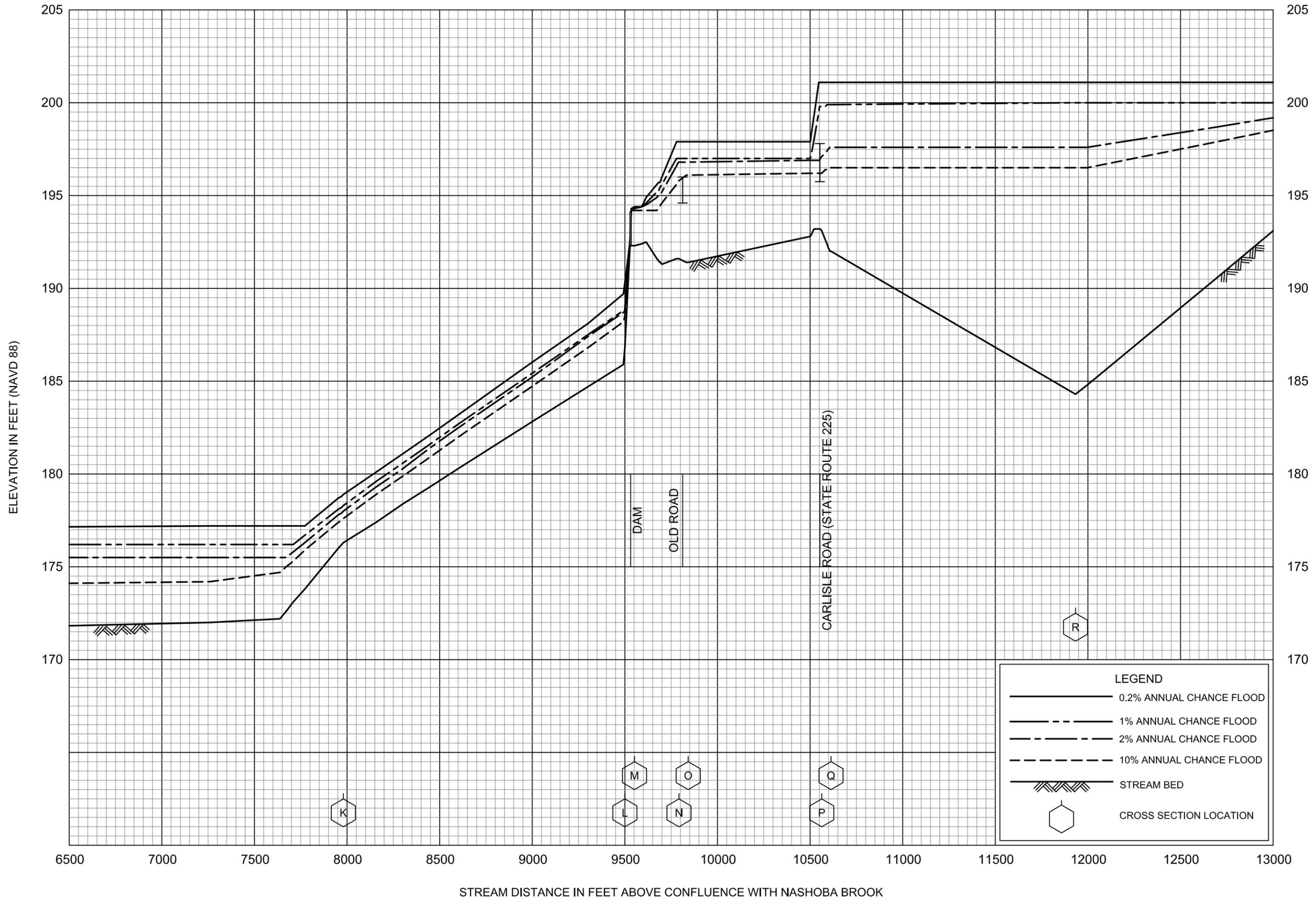
FLOOD PROFILES

BUTTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)



FLOOD PROFILES

BUTTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

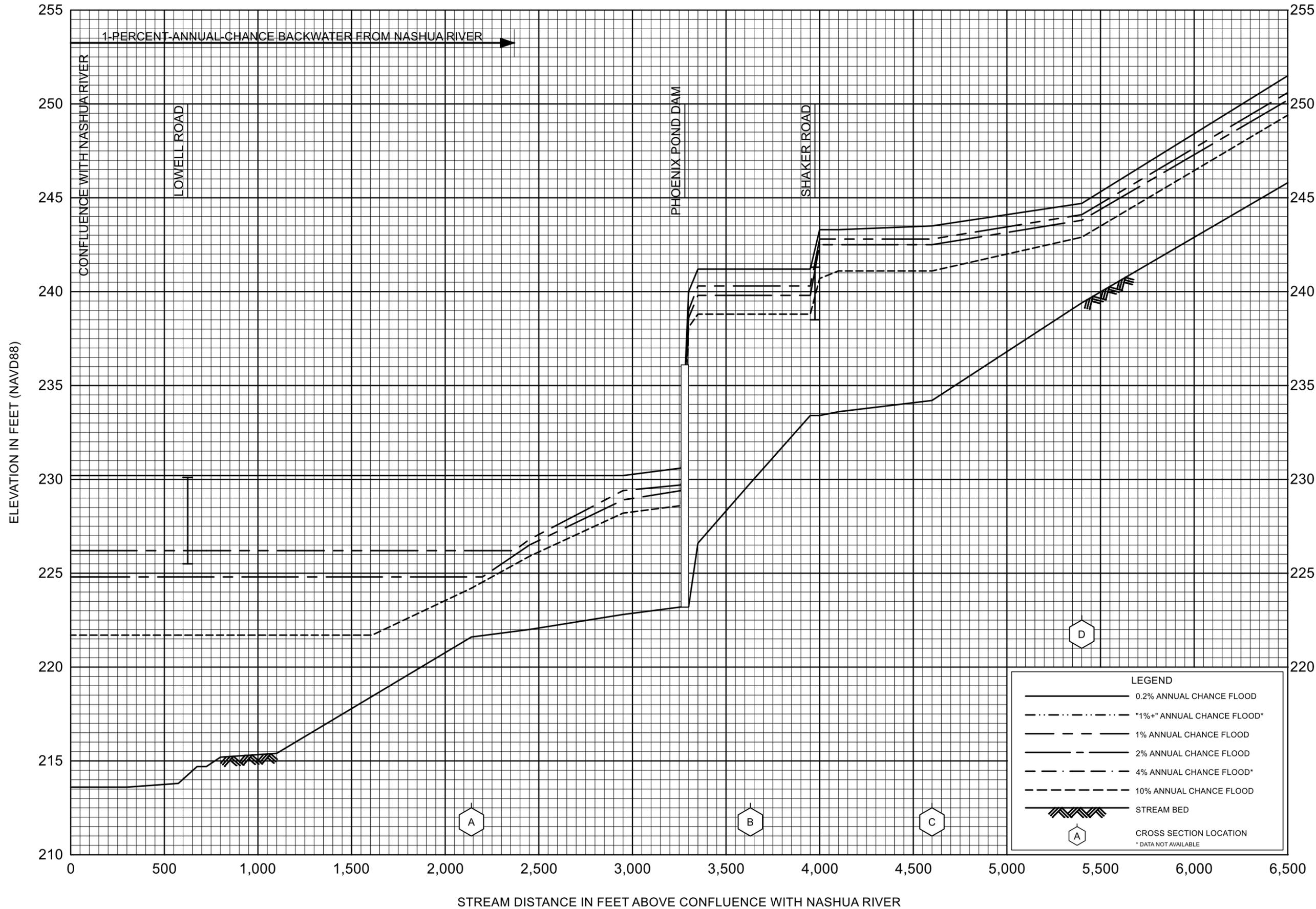
MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)



FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
 BUTTER BROOK

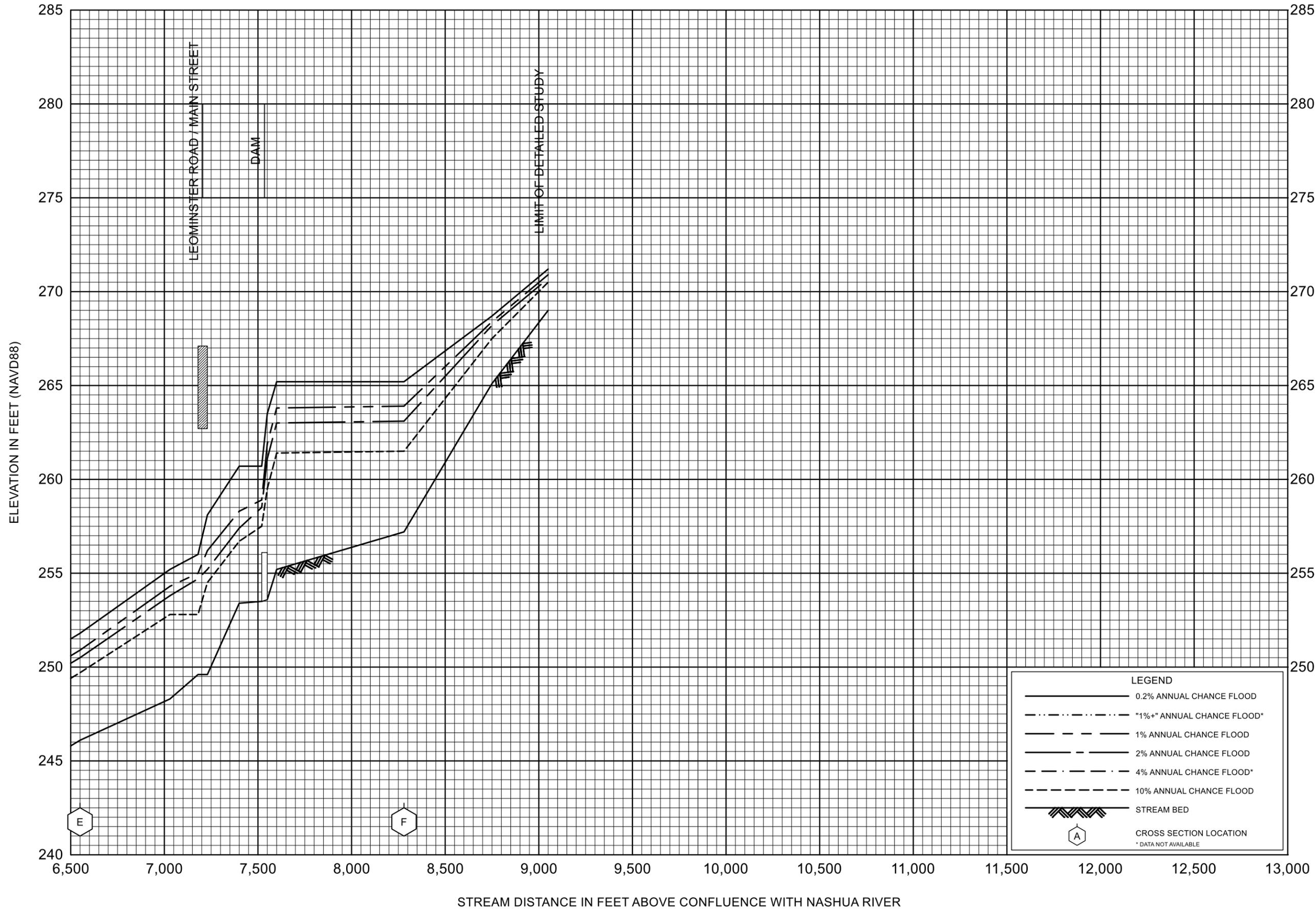


FLOOD PROFILES

CATACOONAMUG BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)

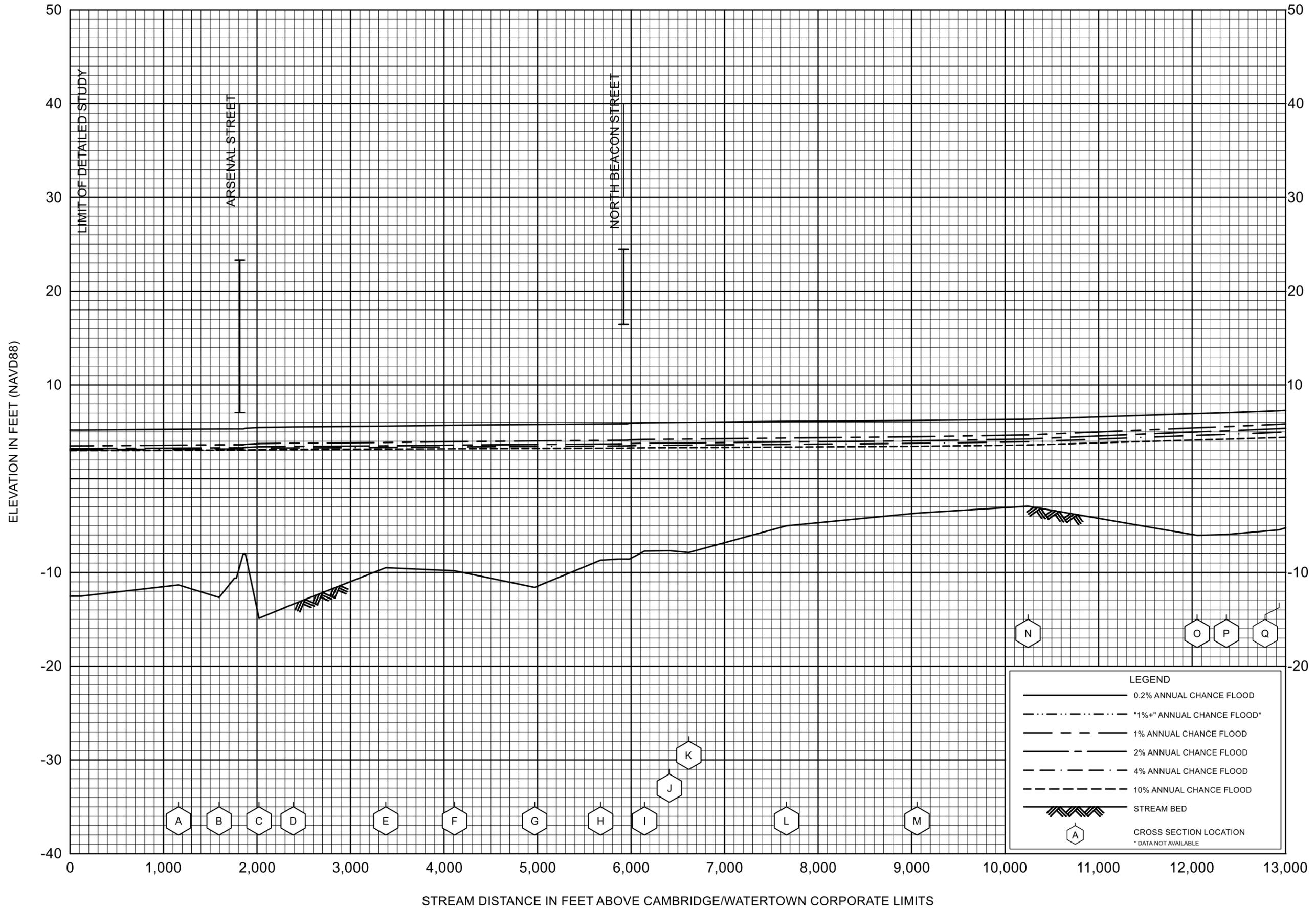


FLOOD PROFILES

CATACOONAMUG BROOK

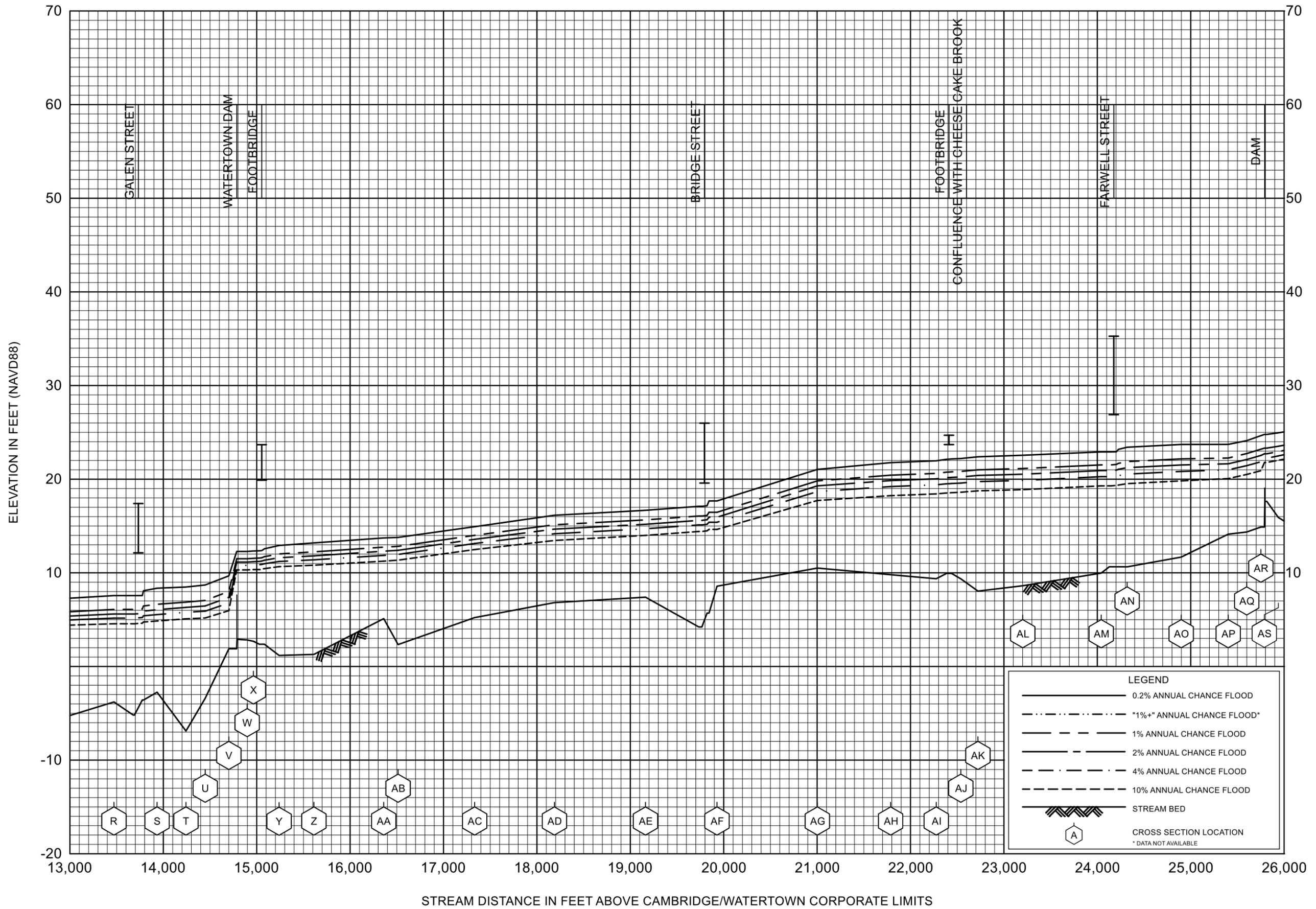
FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



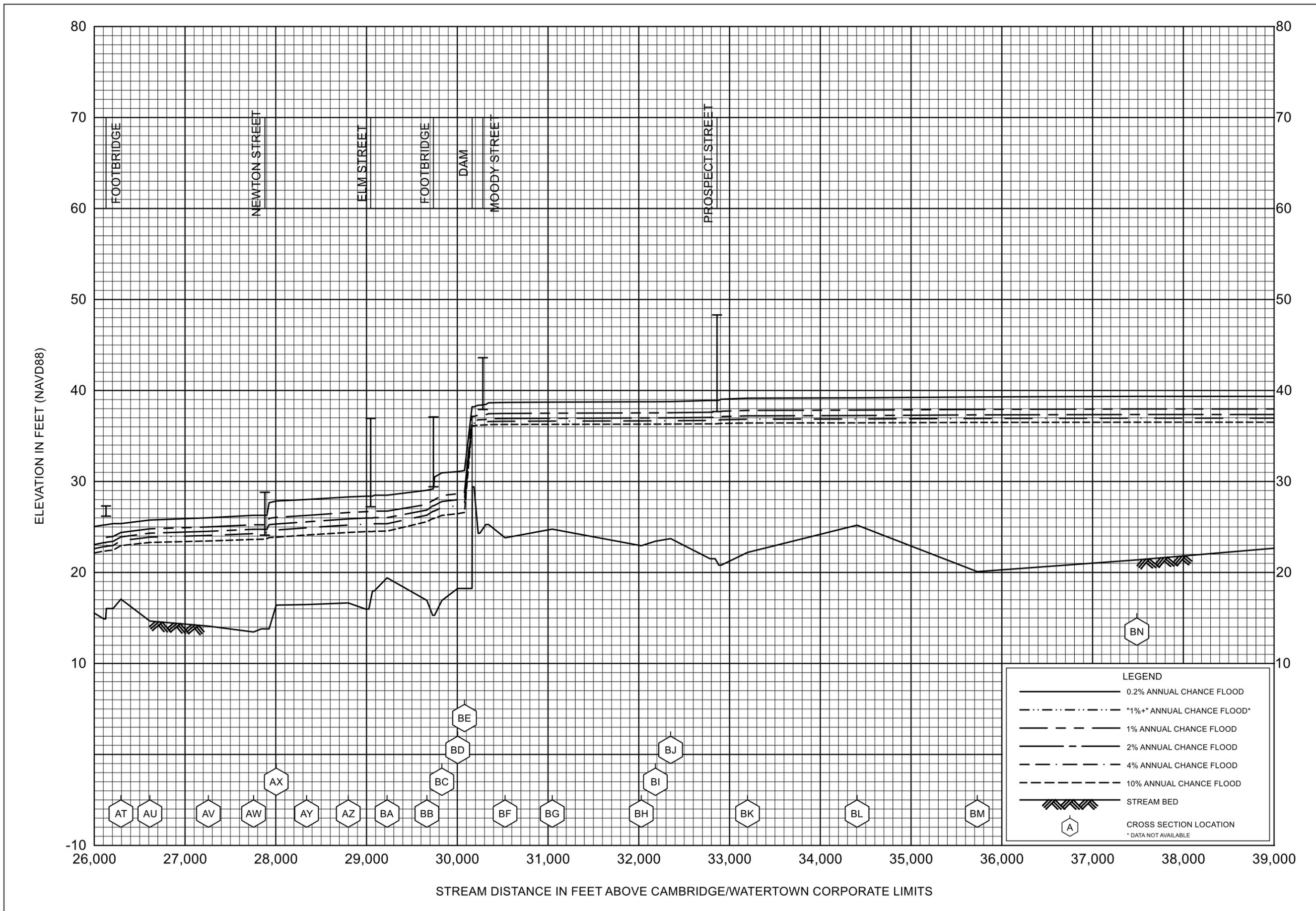
**FLOOD PROFILES**  
**CHARLES RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



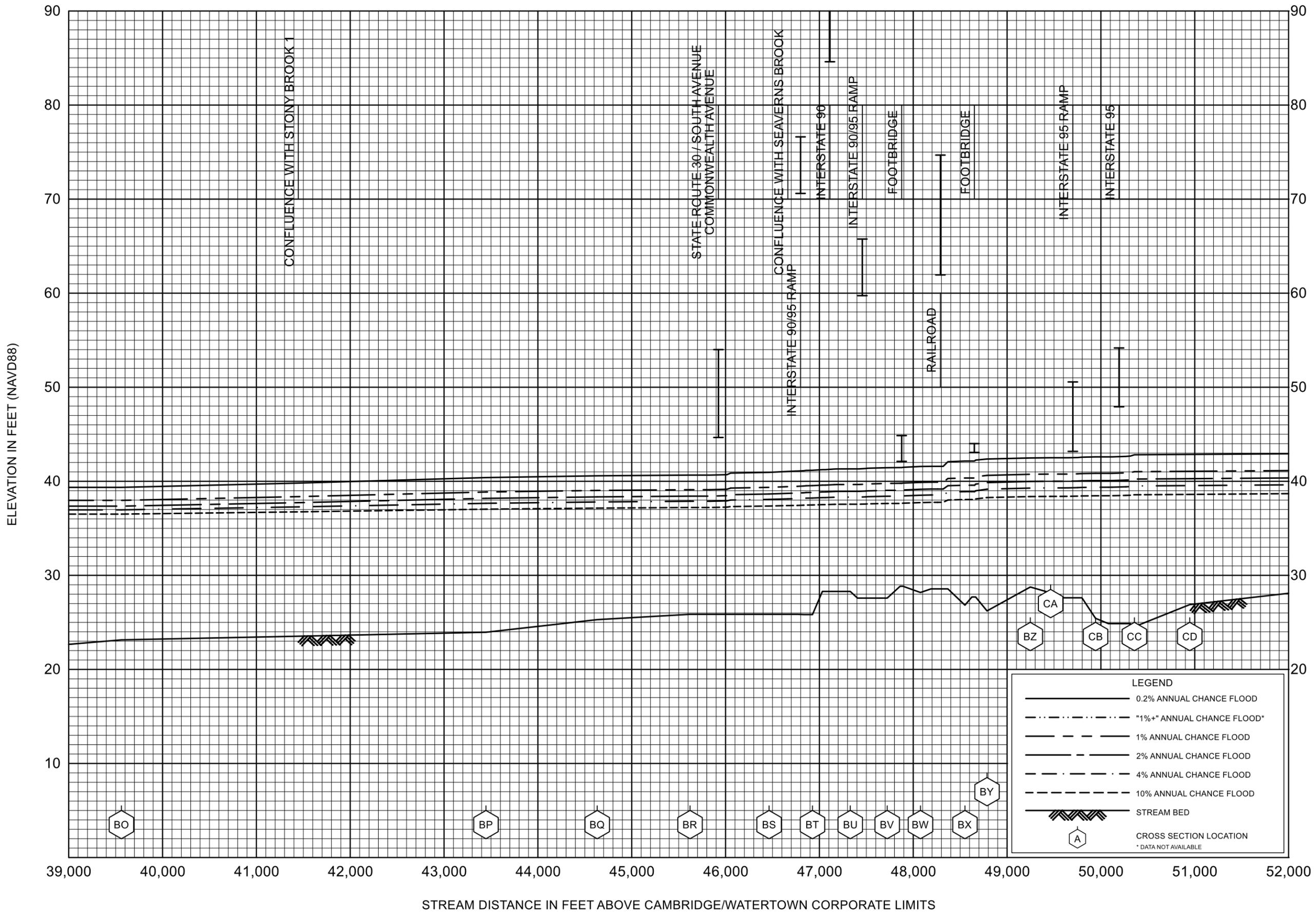
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CHARLES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



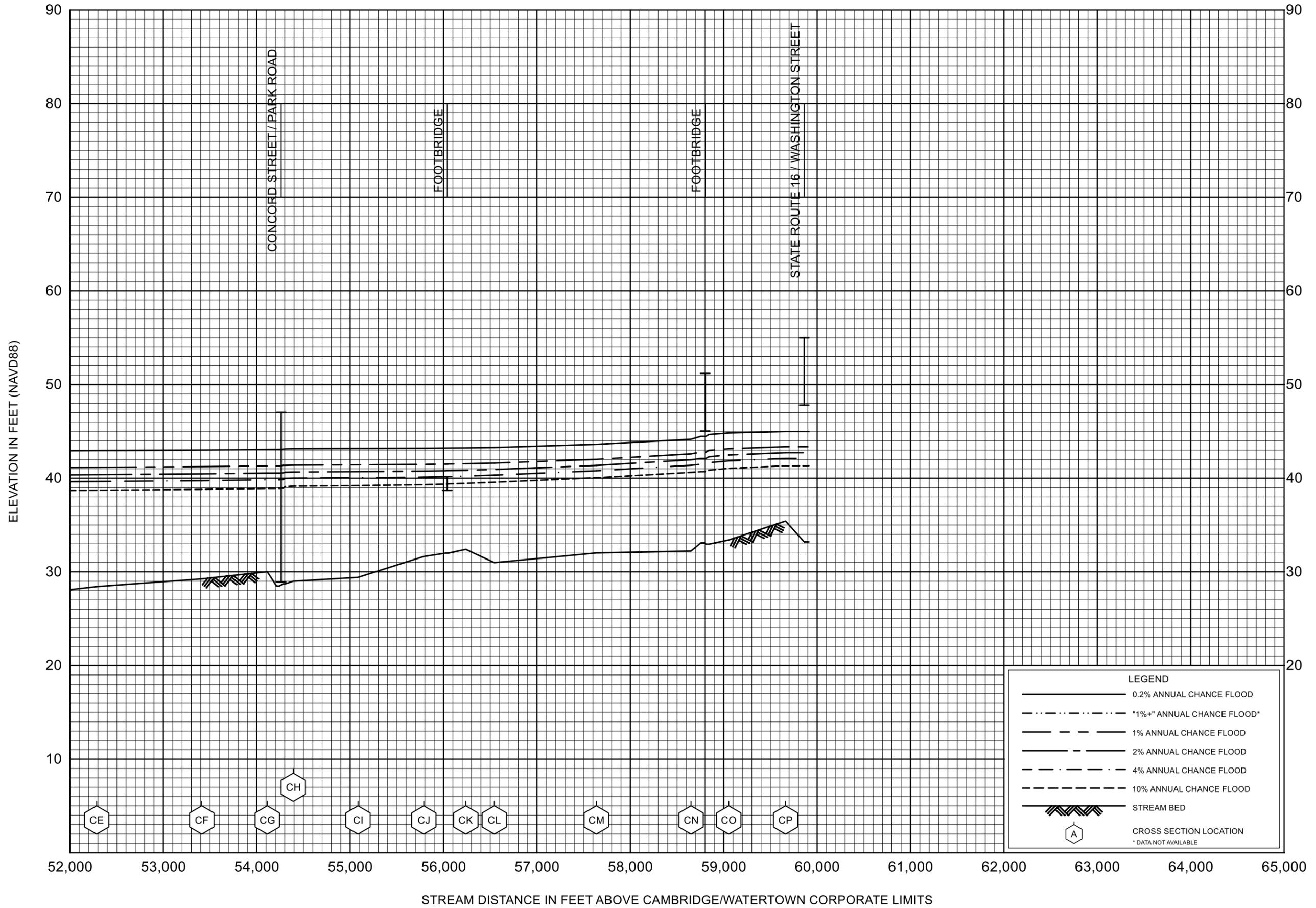
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**CHARLES RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



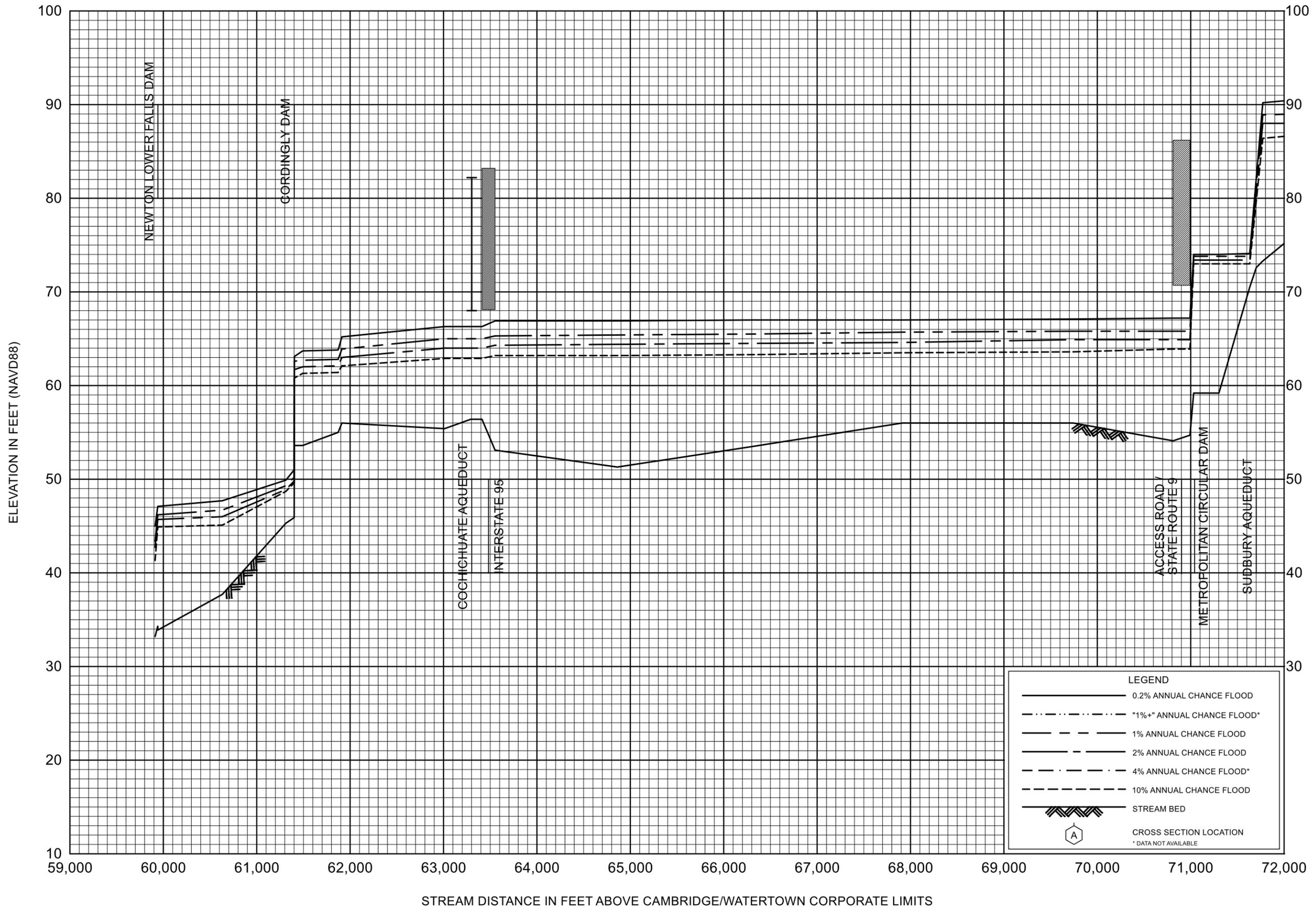
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CHARLES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



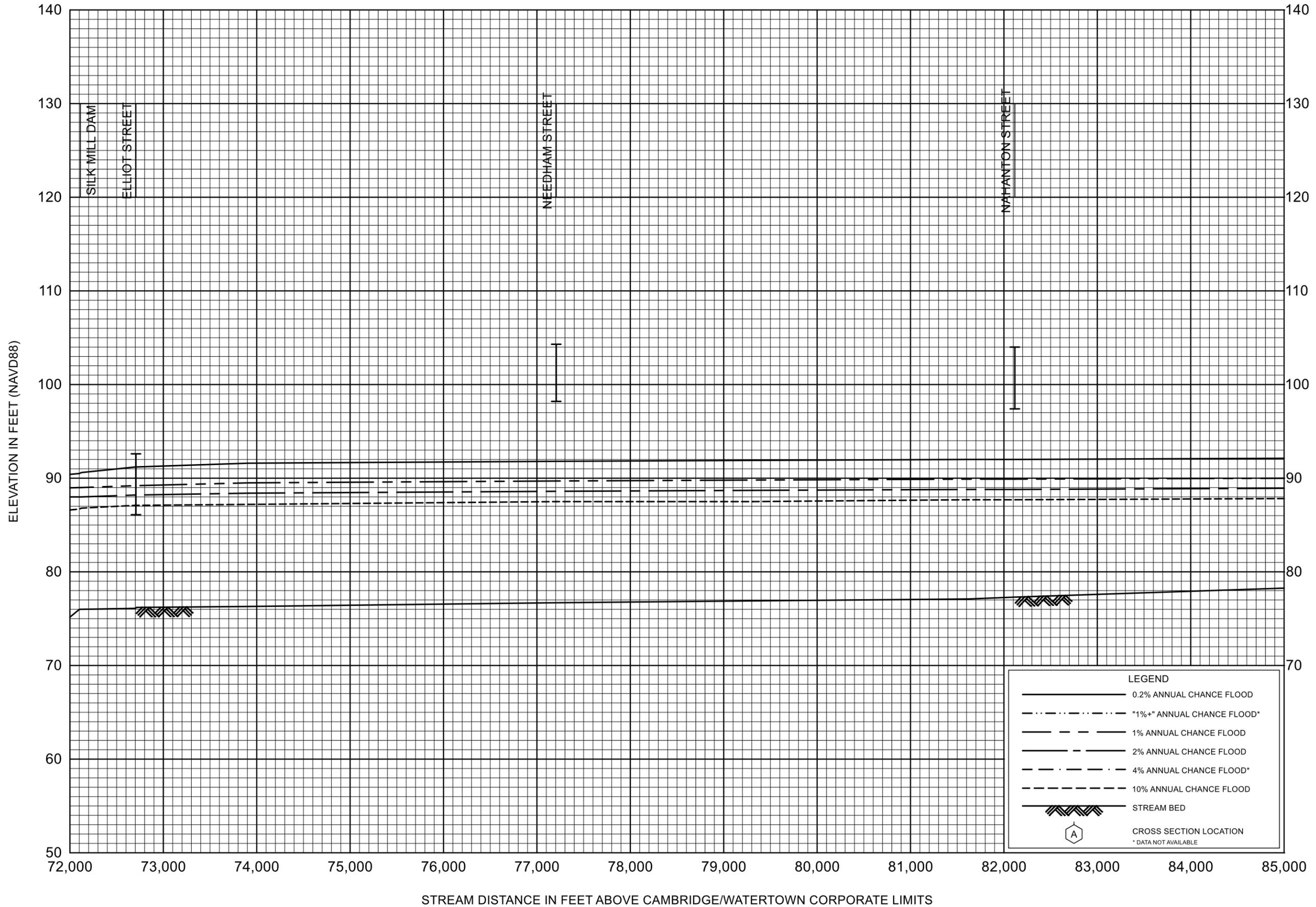
**FLOOD PROFILES**  
**CHARLES RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



FLOOD PROFILES  
CHARLES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)

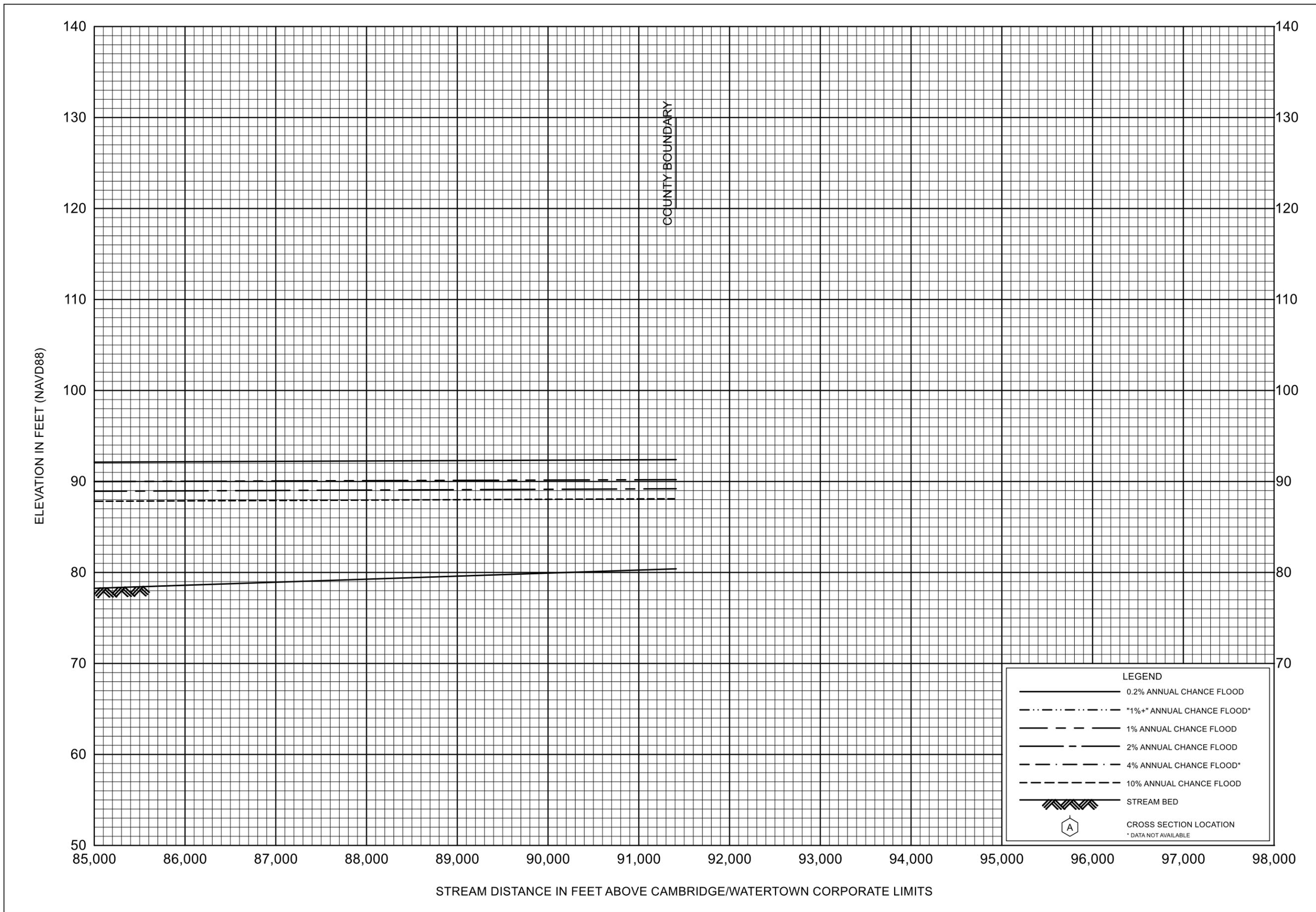


FLOOD PROFILES

CHARLES RIVER

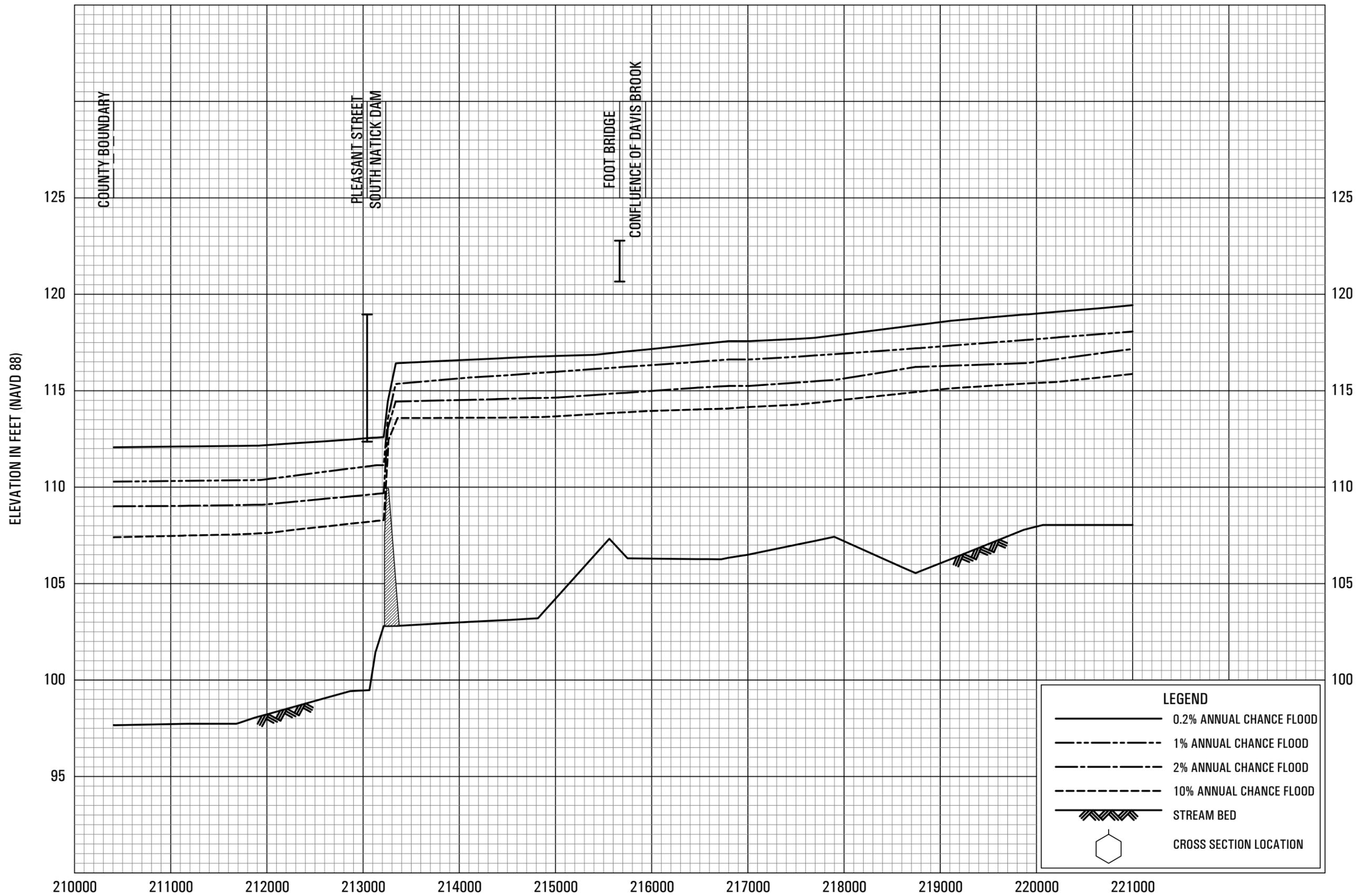
FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



FLOOD PROFILES  
CHARLES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



STREAM DISTANCE IN FEET ABOVE COUNTY BOUNDARY  
 \*COUNTY BOUNDARY IS APPROXIMATELY 1,690 FEET DOWNSTREAM OF ARSENAL STREET

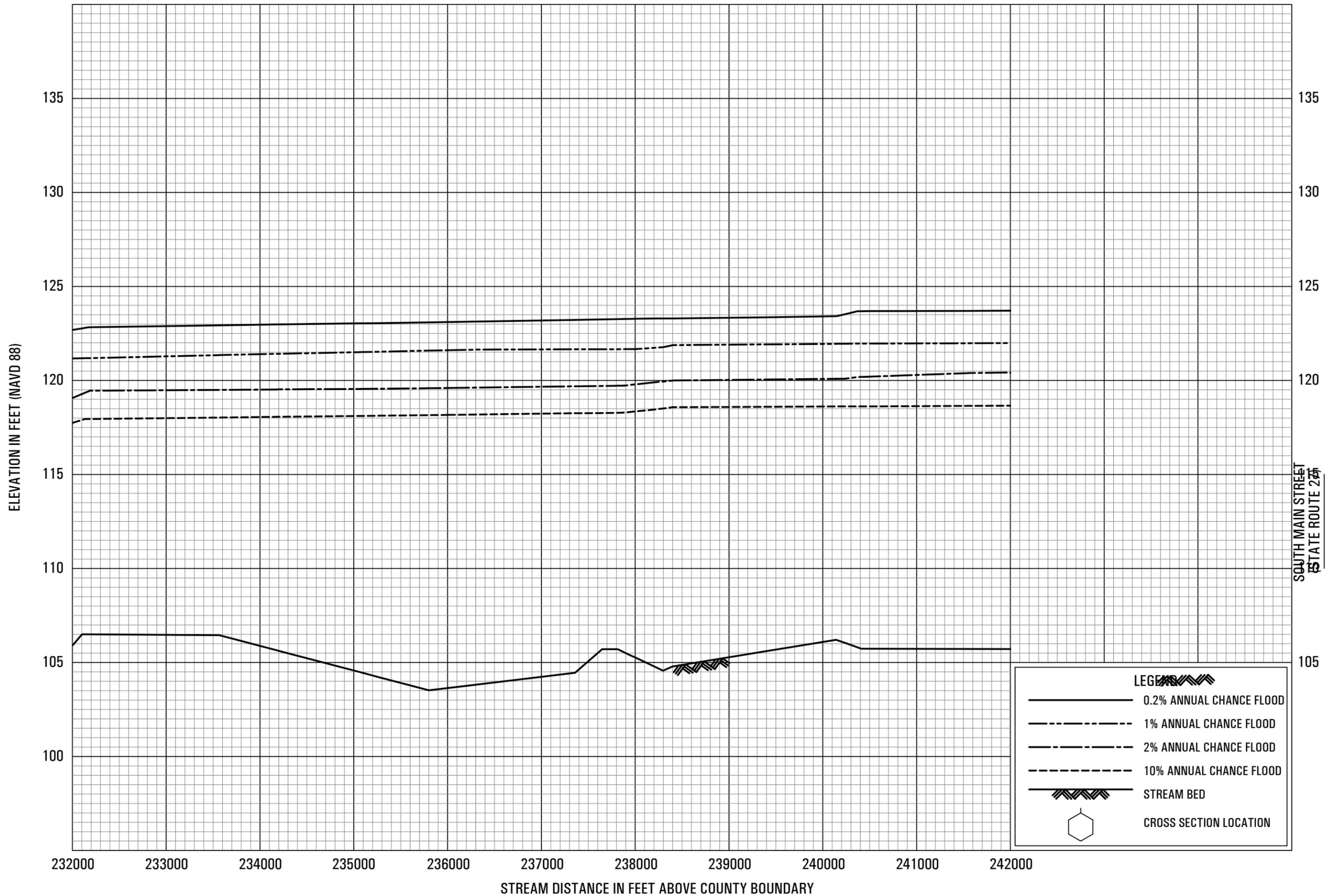
**FLOOD PROFILES**

CHARLES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)

130P





STREAM DISTANCE IN FEET ABOVE COUNTY BOUNDARY  
 \*COUNTY BOUNDARY IS APPROXIMATELY 1,690 FEET DOWNSTREAM OF ARSENAL STREET

**FLOOD PROFILES**

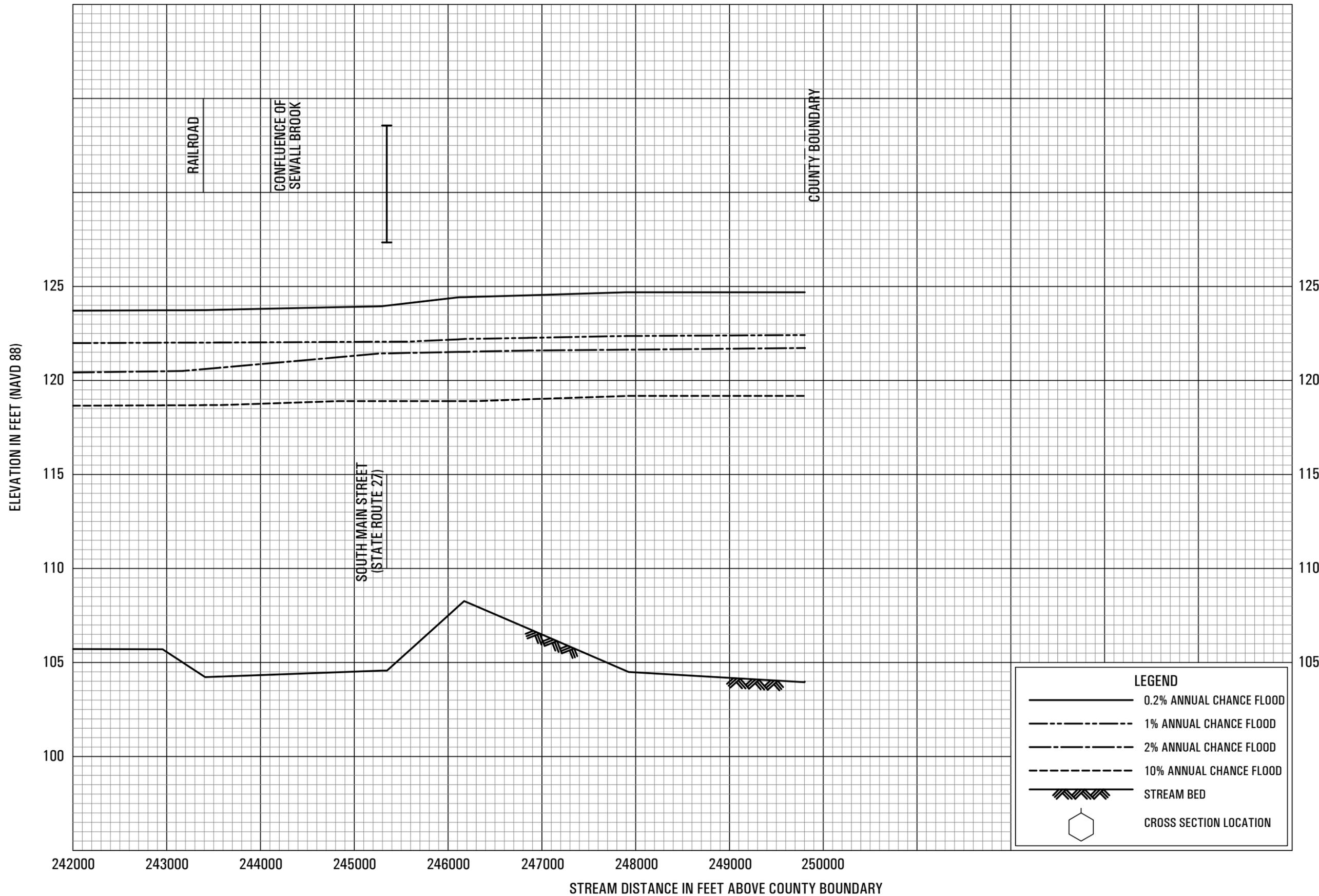
**CHARLES RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MIDDLESEX COUNTY, MA**

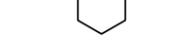
(ALL JURISDICTIONS)

**132P**



STREAM DISTANCE IN FEET ABOVE COUNTY BOUNDARY  
 \*COUNTY BOUNDARY IS APPROXIMATELY 1,690 FEET DOWNSTREAM OF ARSENAL STREET

**LEGEND**

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

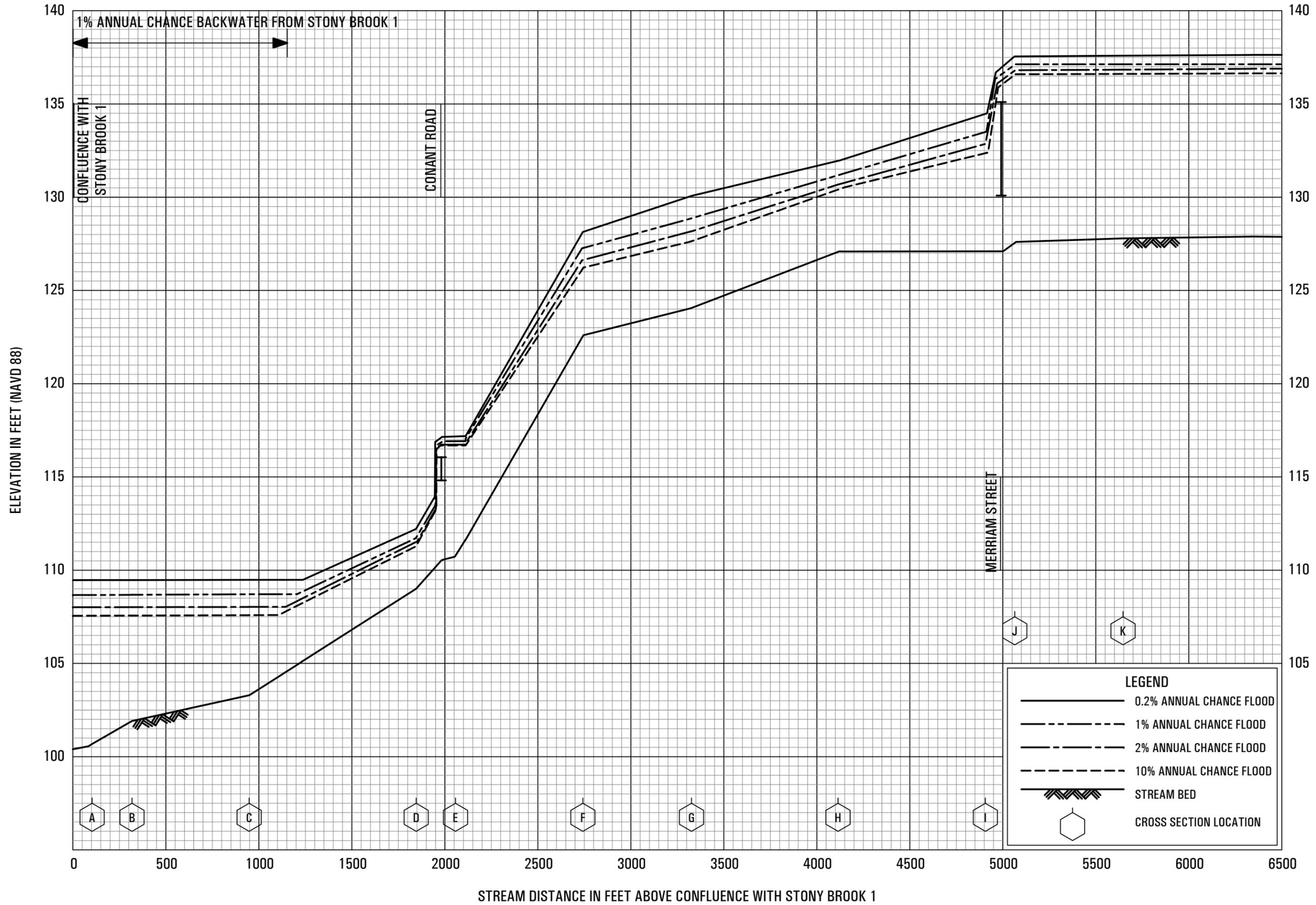
**FLOOD PROFILES**

CHARLES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)

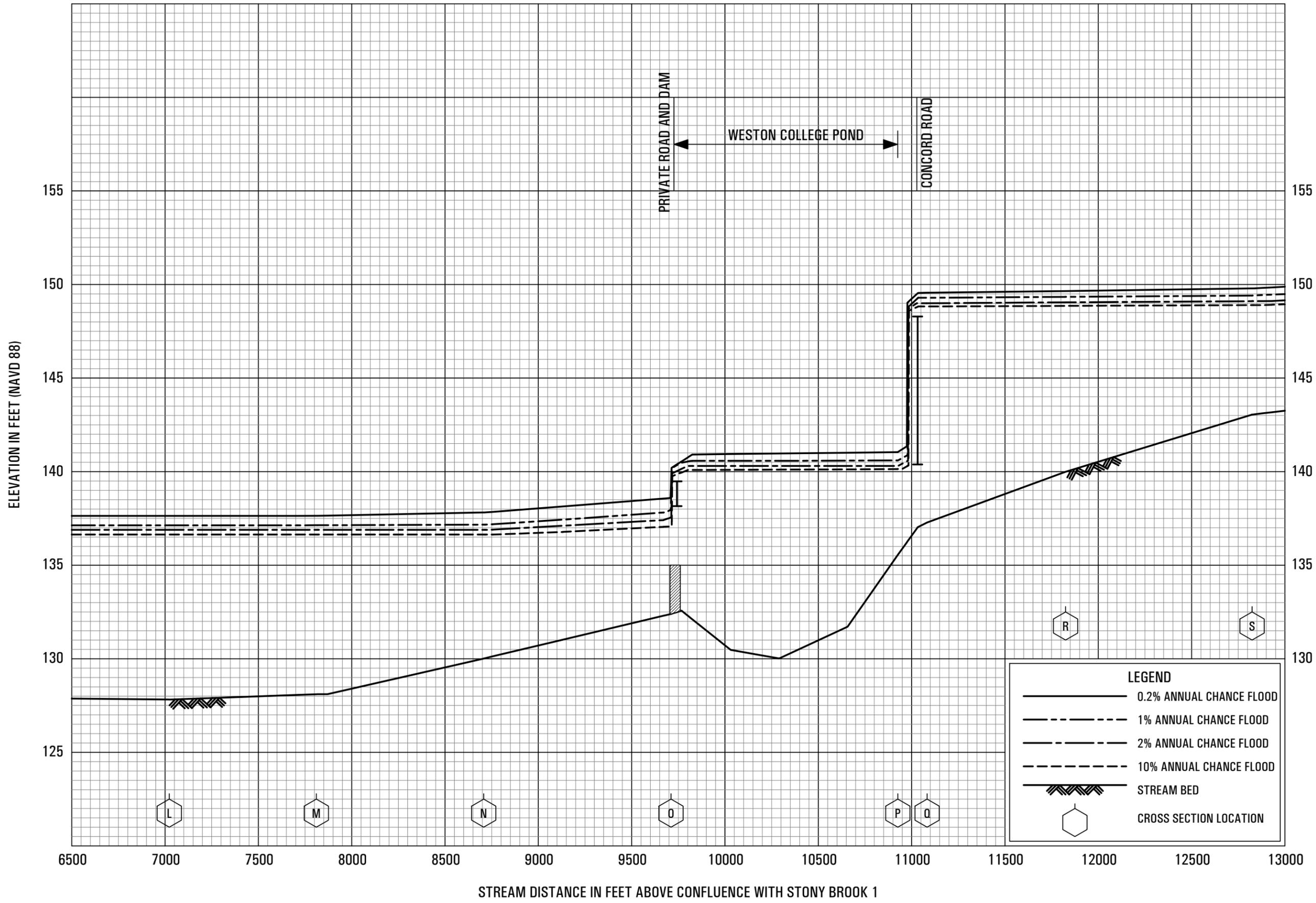
133P





**FLOOD PROFILES**  
CHERRY BROOK

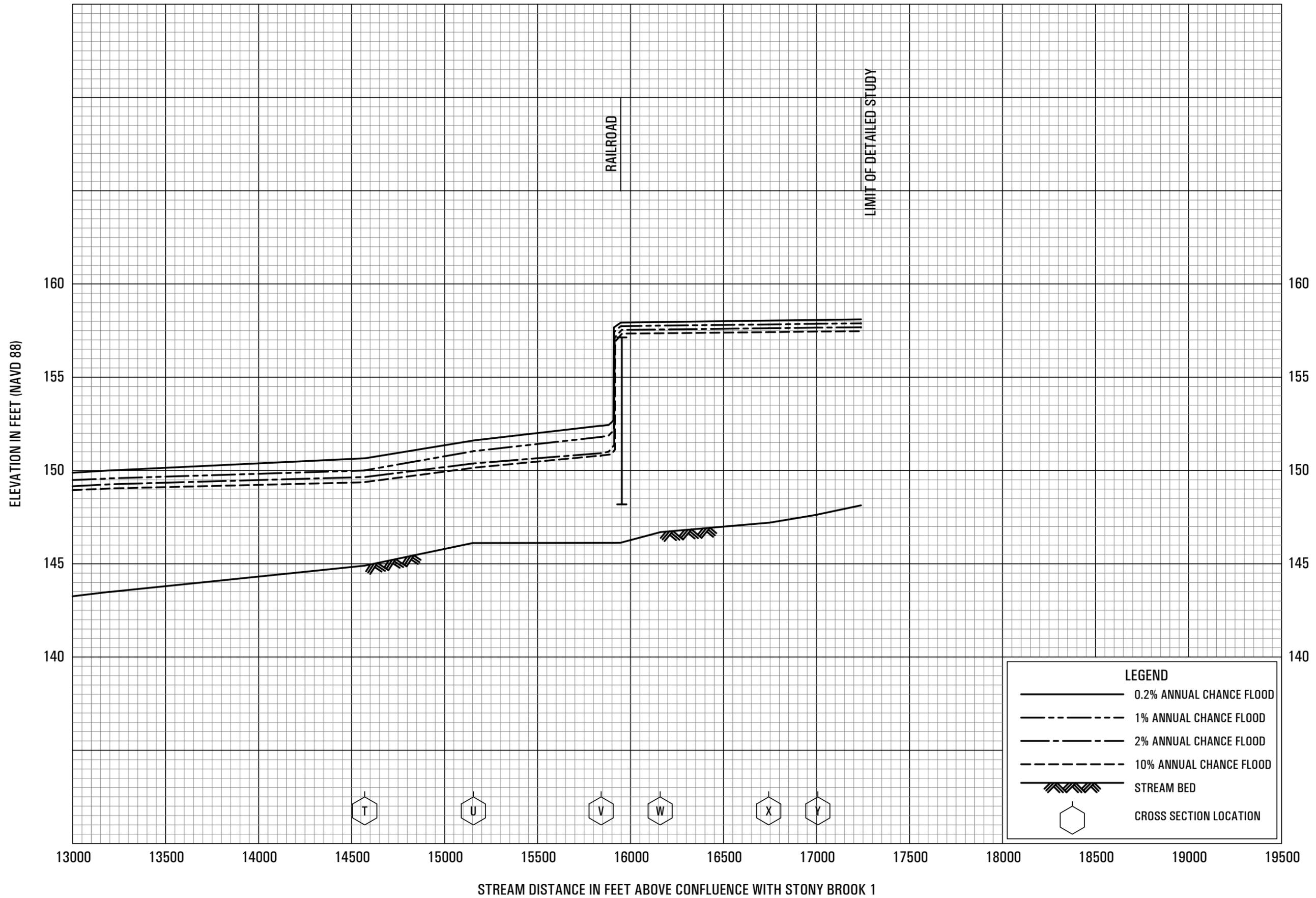
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)

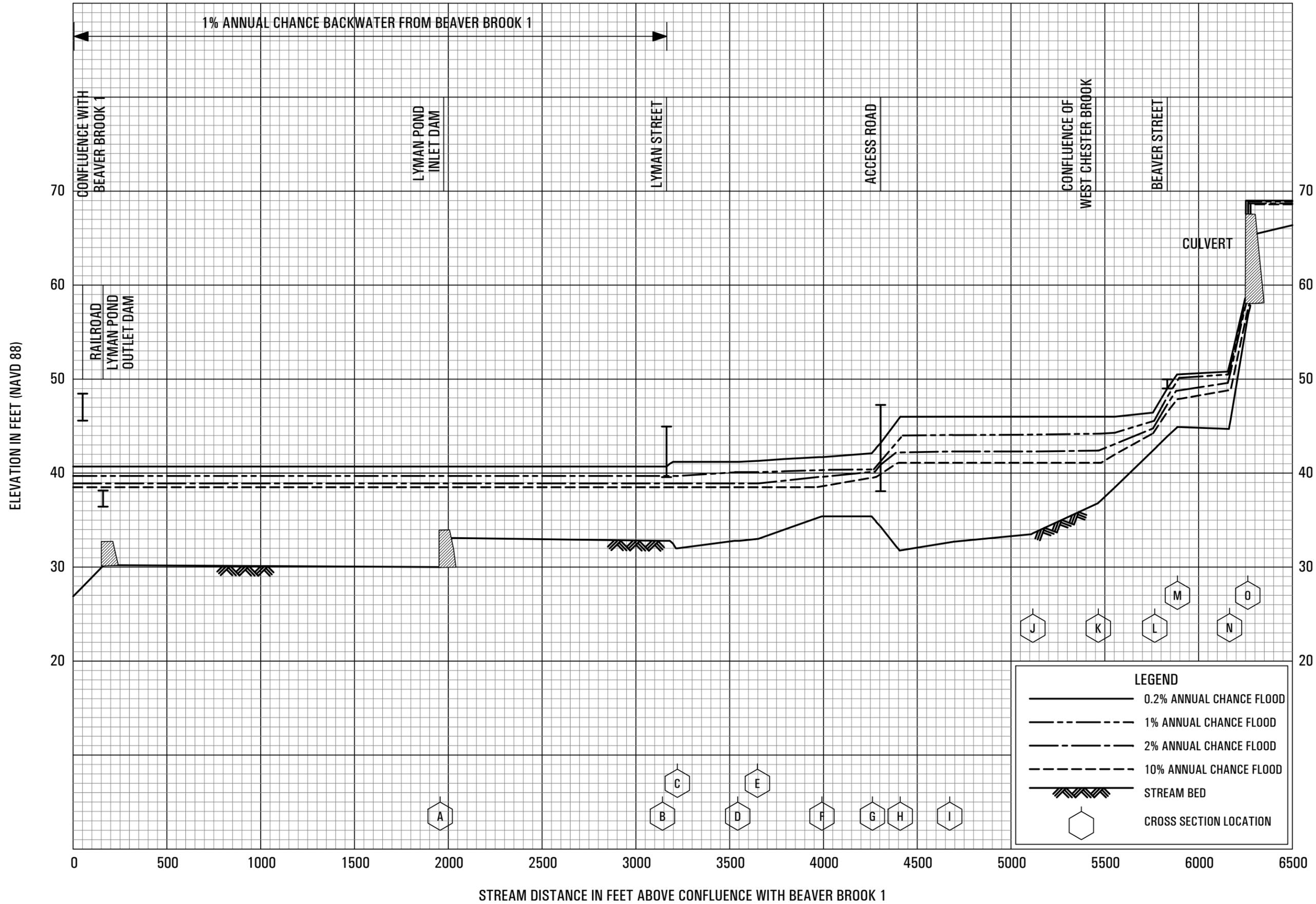


**FLOOD PROFILES**

**CHERRY BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)





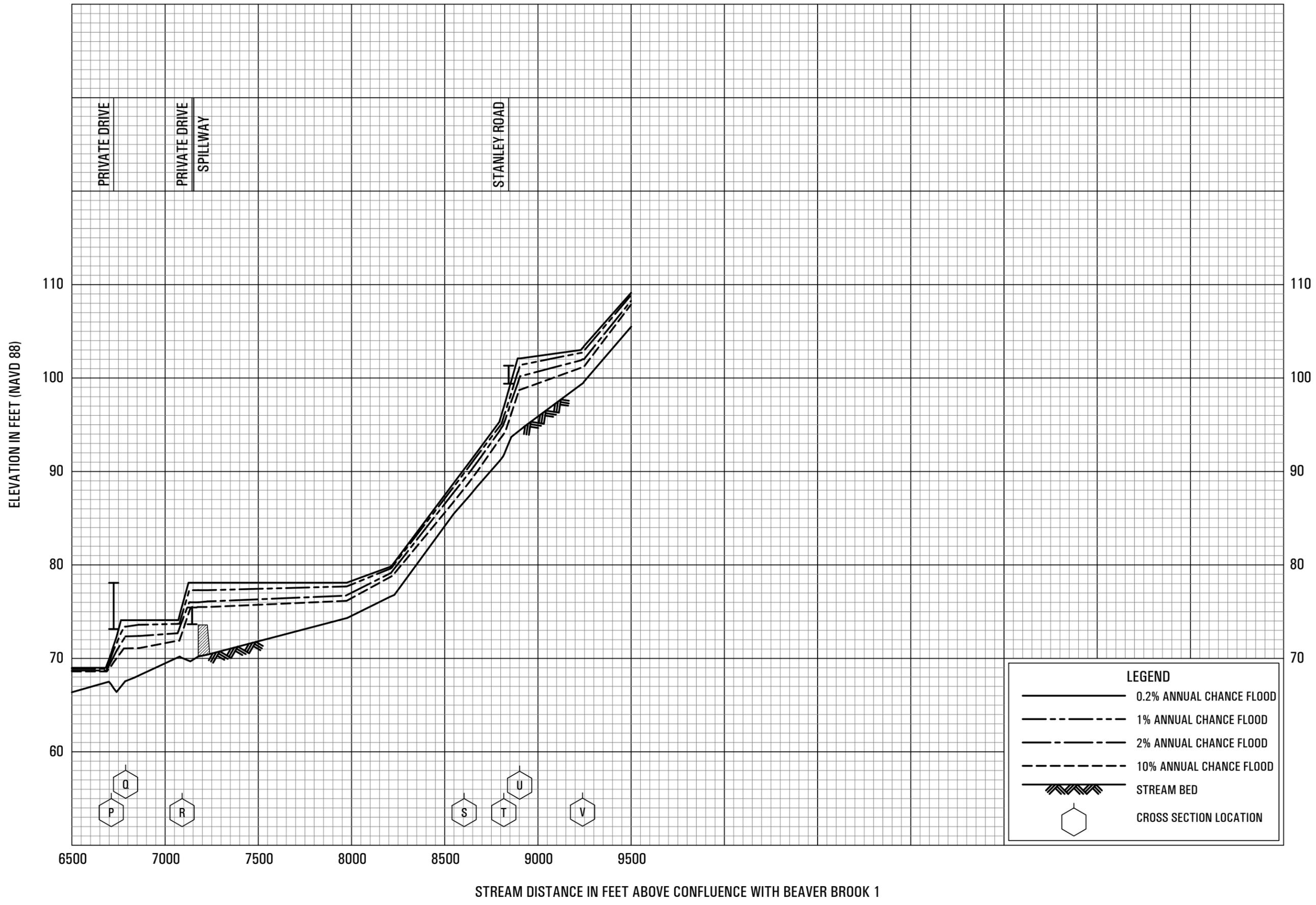
**FLOOD PROFILES**

**CHESTER BROOK**

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**MIDDLESEX COUNTY, MA**

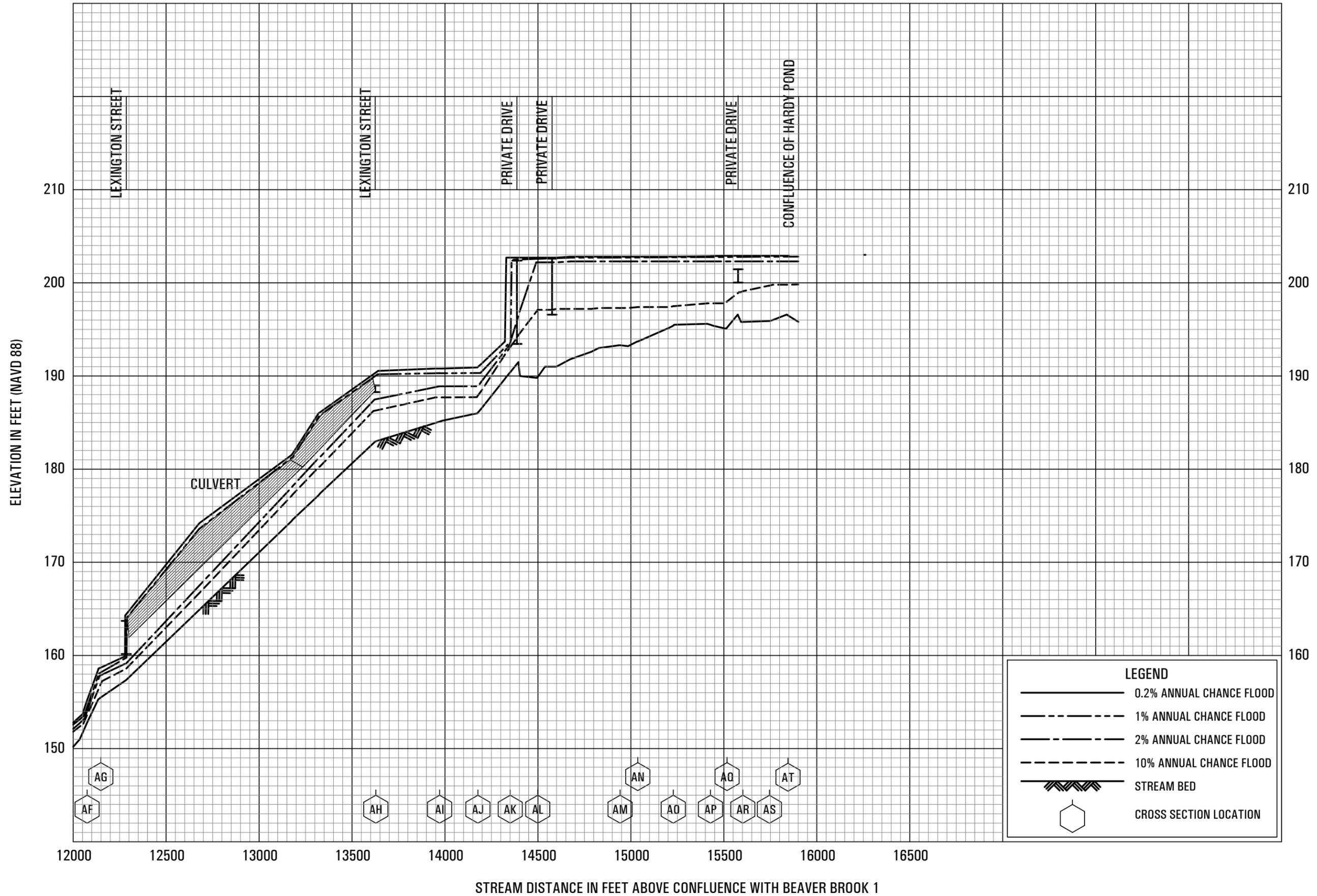
**(ALL JURISDICTIONS)**



**FLOOD PROFILES**  
CHESTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)





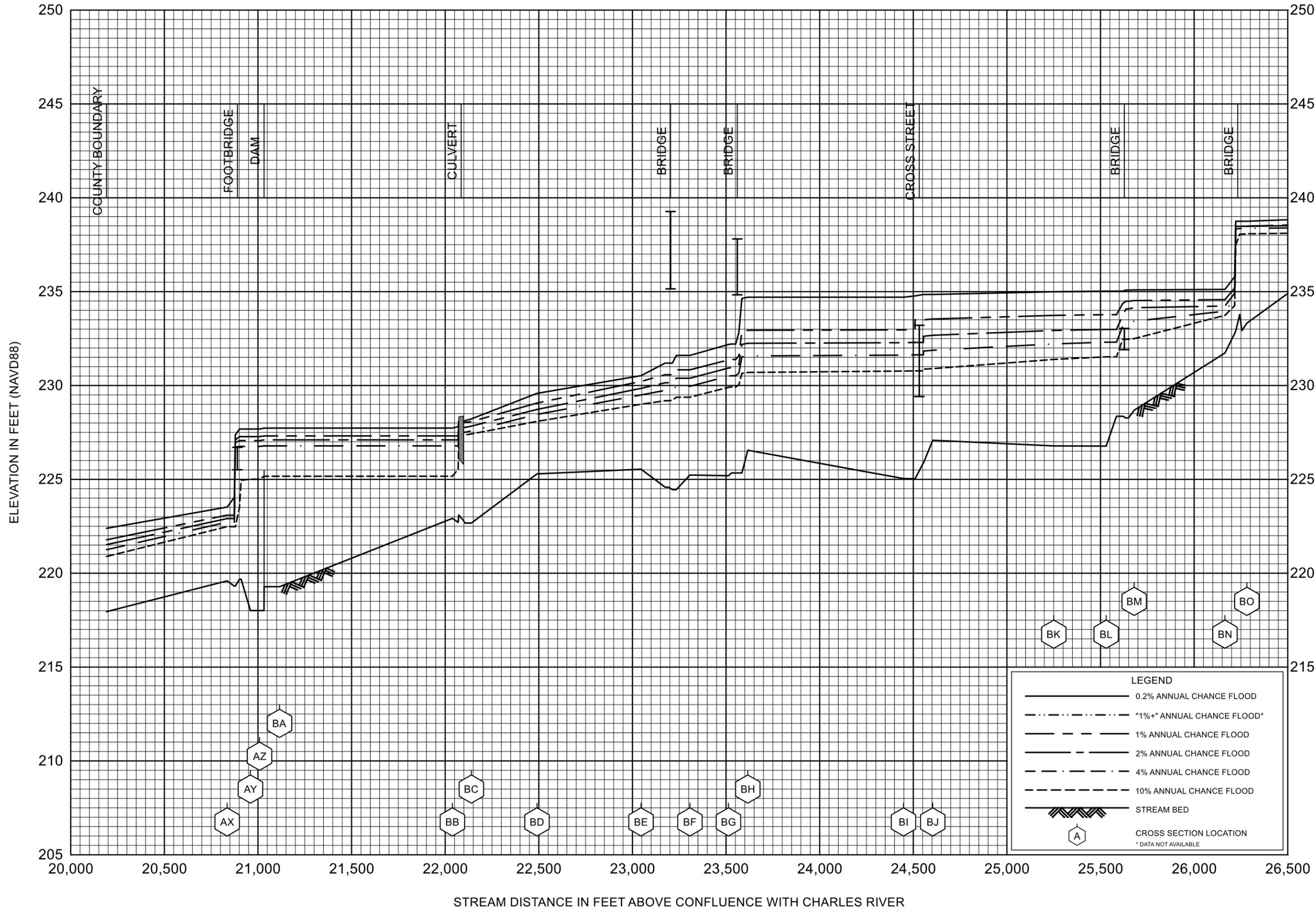
**FLOOD PROFILES**

CHESTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

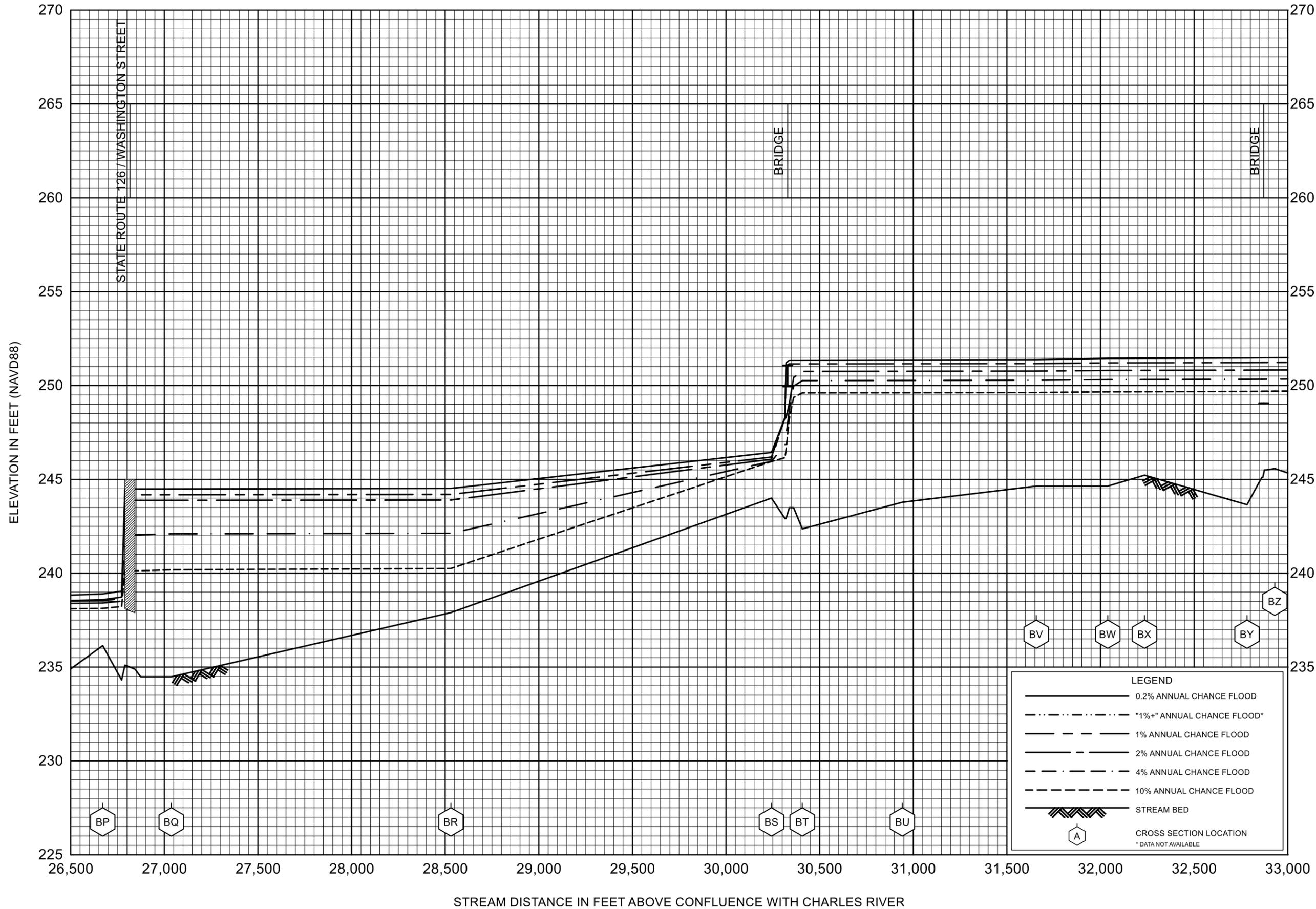
MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)



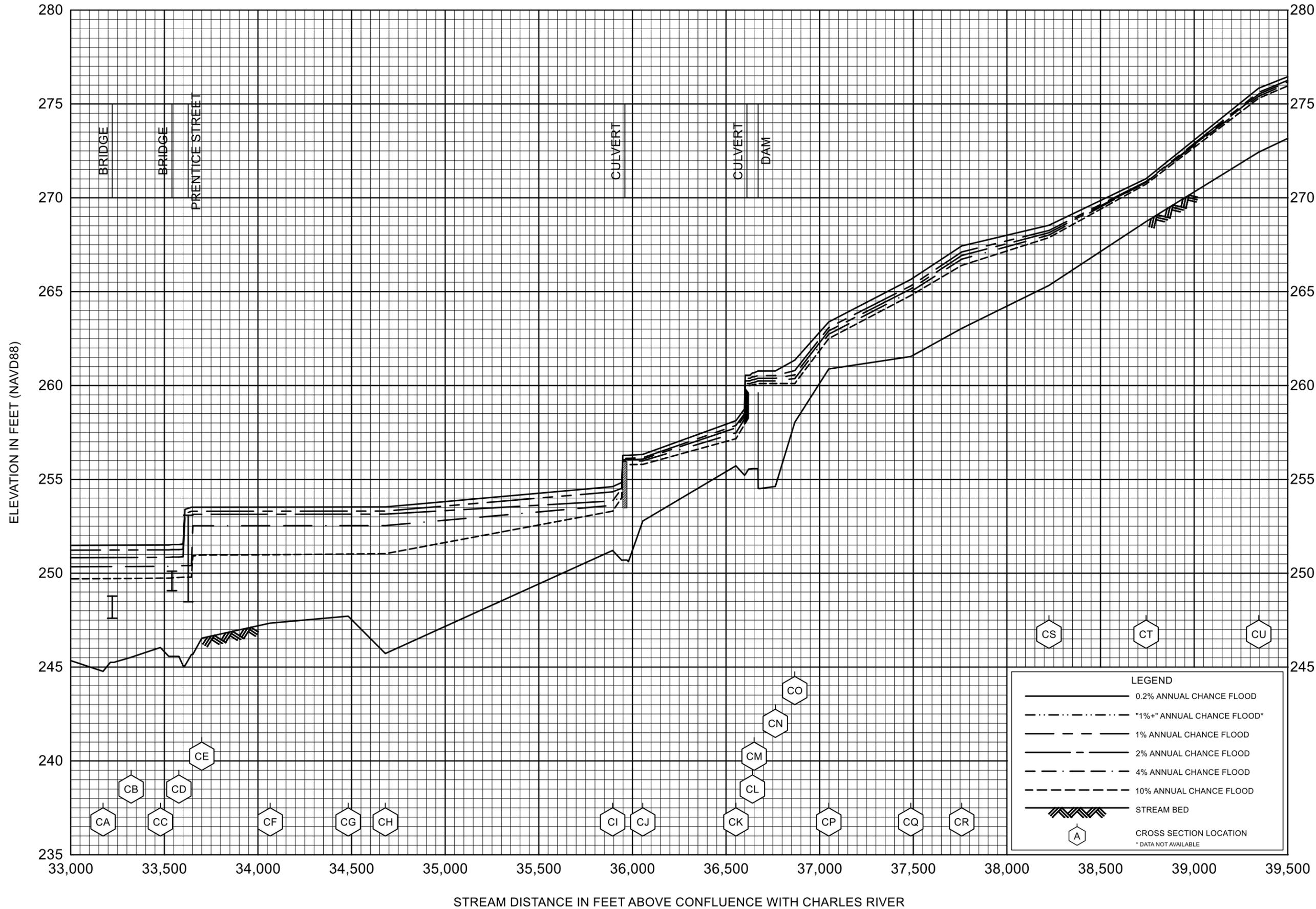
FLOOD PROFILES  
CHICKEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



FLOOD PROFILES  
CHICKEN BROOK

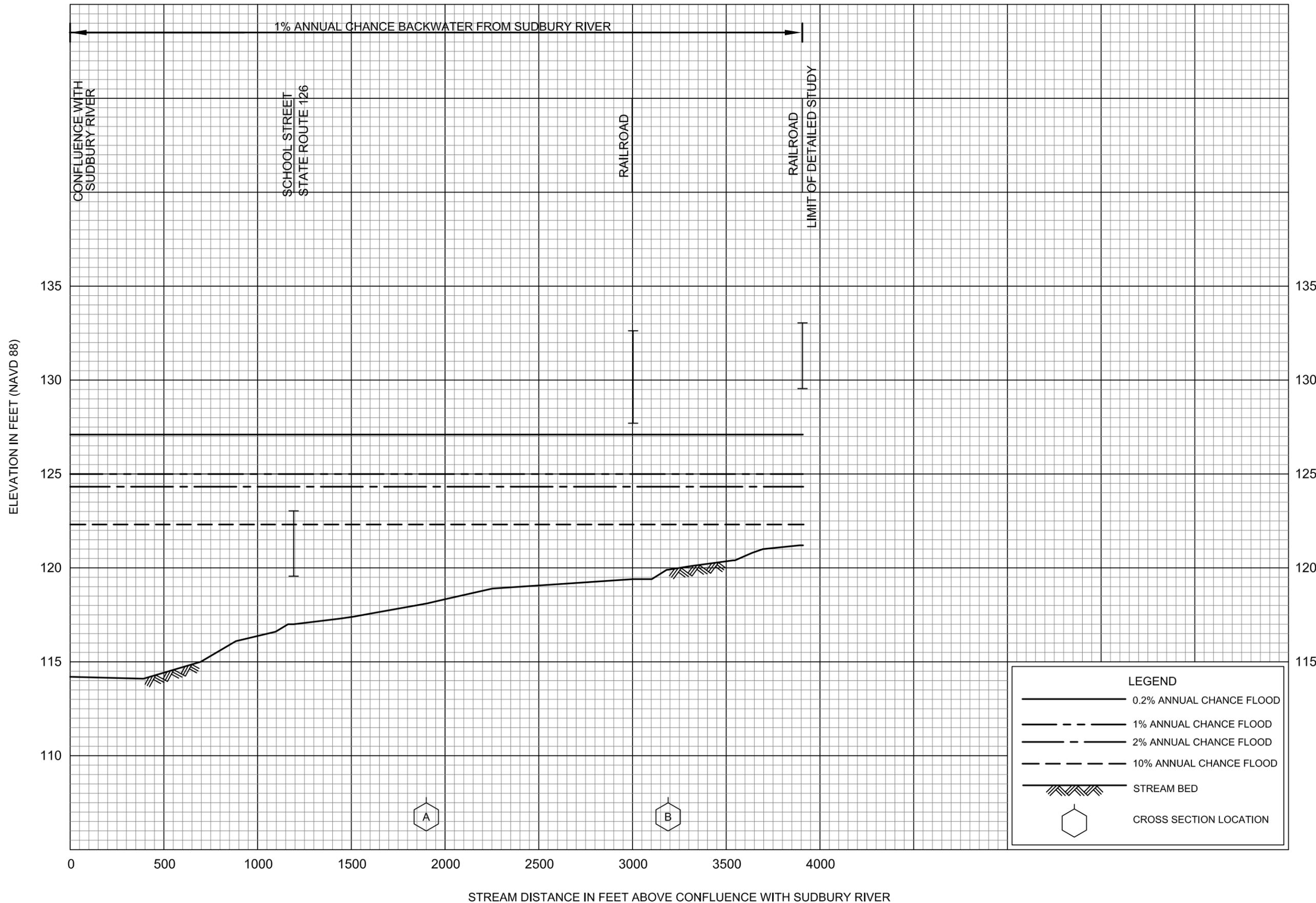
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



FLOOD PROFILES  
CHICKEN BROOK

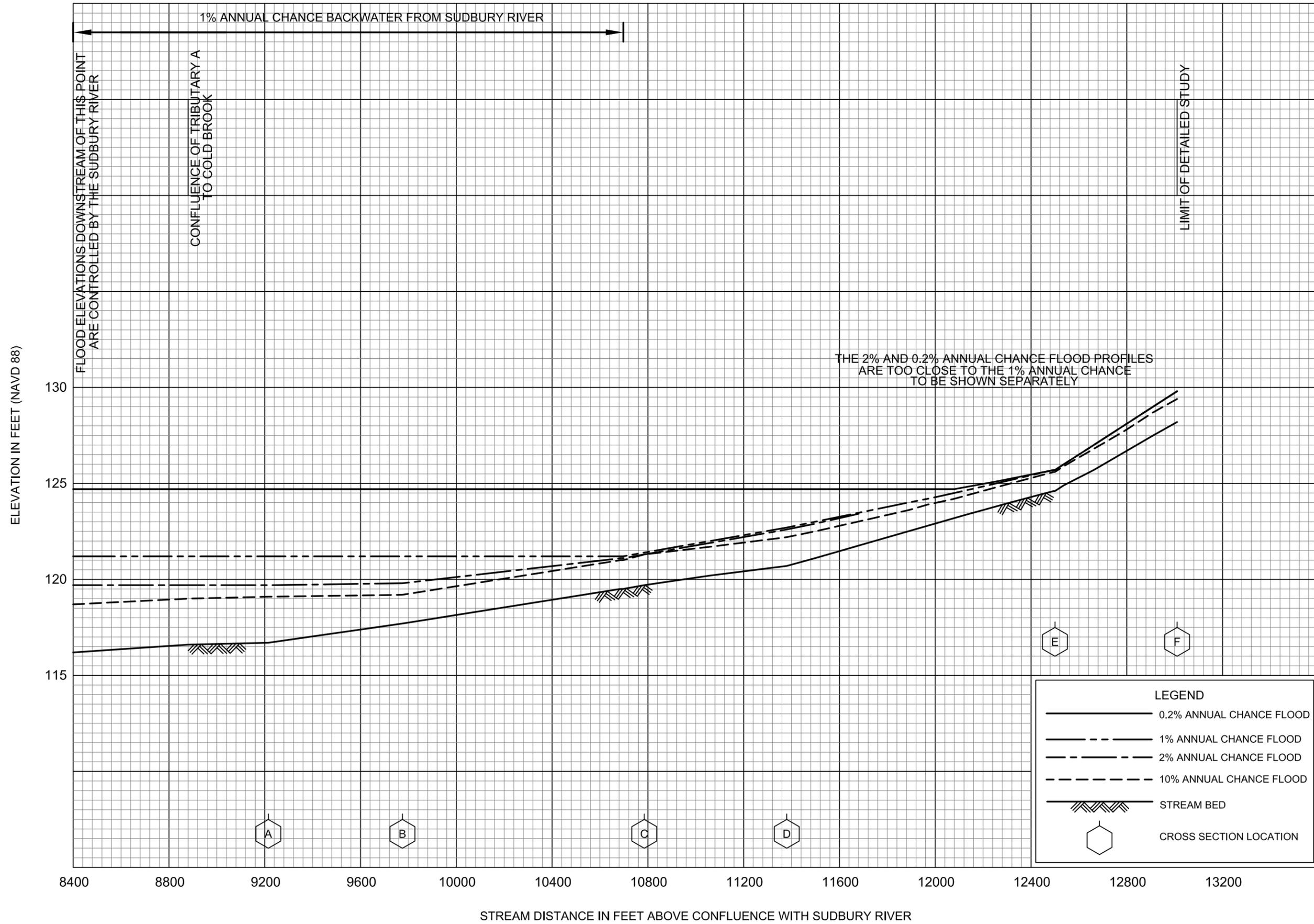
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)





FLOOD PROFILES  
COCHITUATE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
WORCHESTER COUNTY, MA  
(ALL JURISDICTIONS)

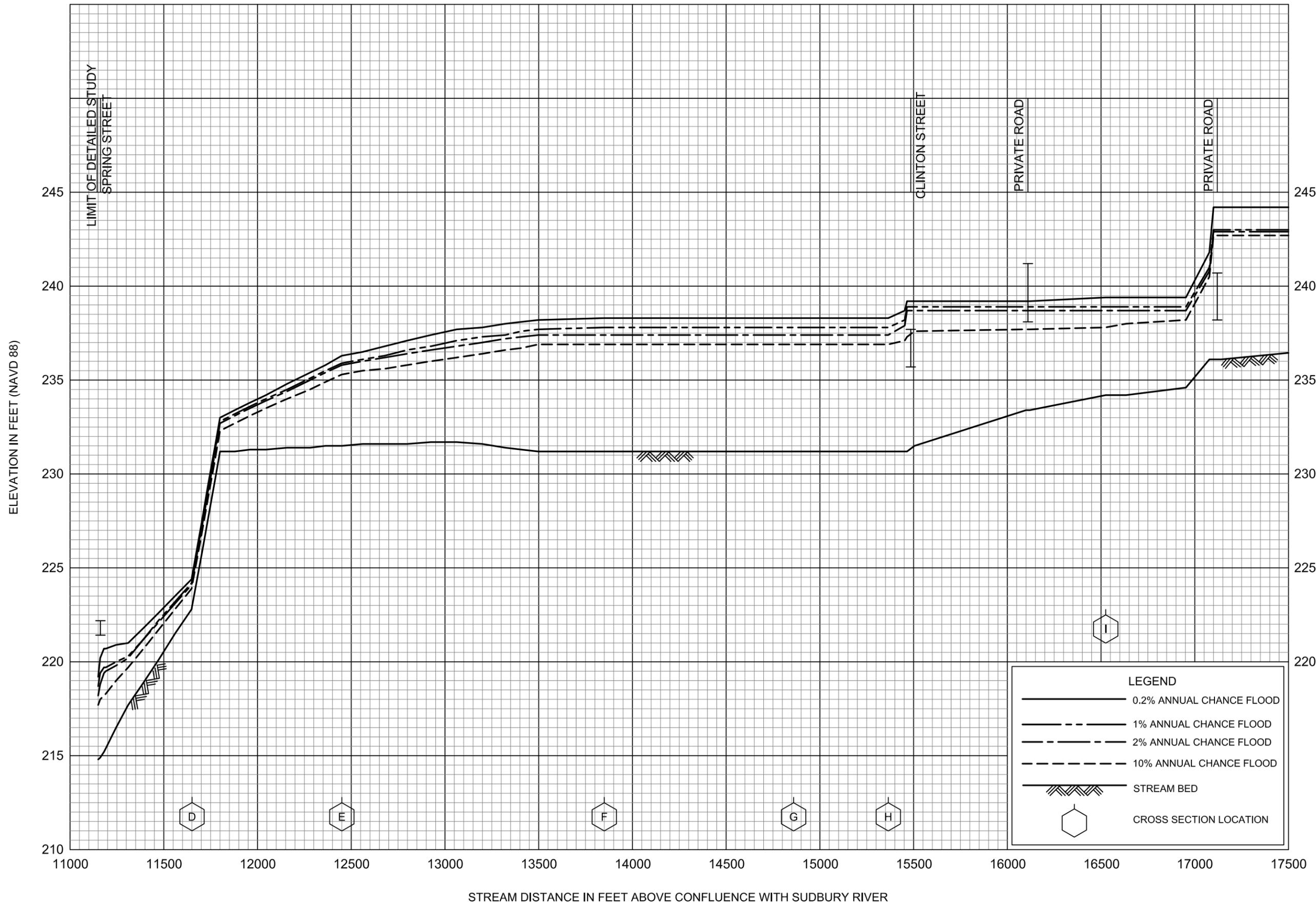


FLOOD PROFILES

COLD BROOK

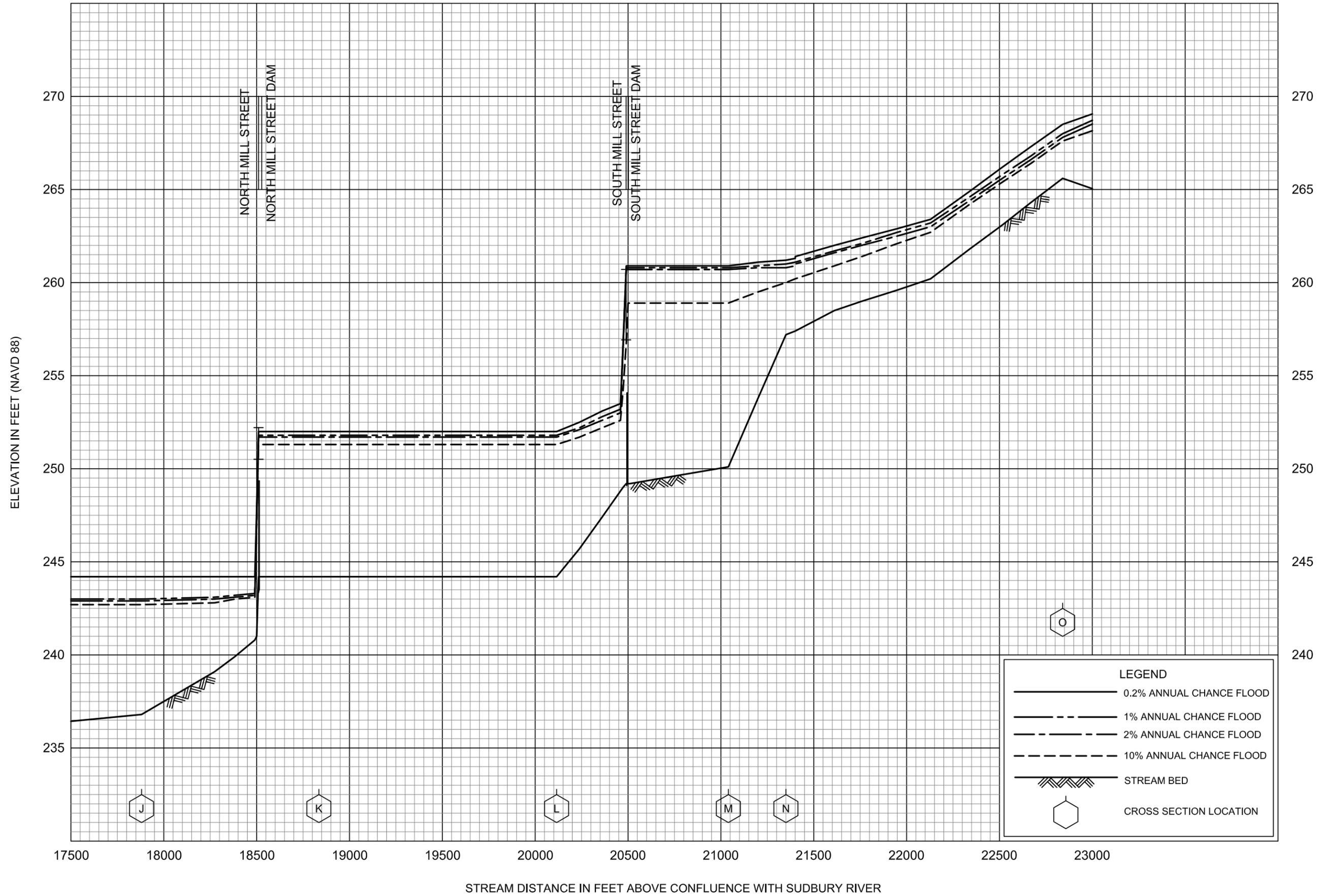
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 MIDDLESEX COUNTY, MA  
 (ALL JURISDICTIONS)





FLOOD PROFILES  
COLD SPRING BROOK

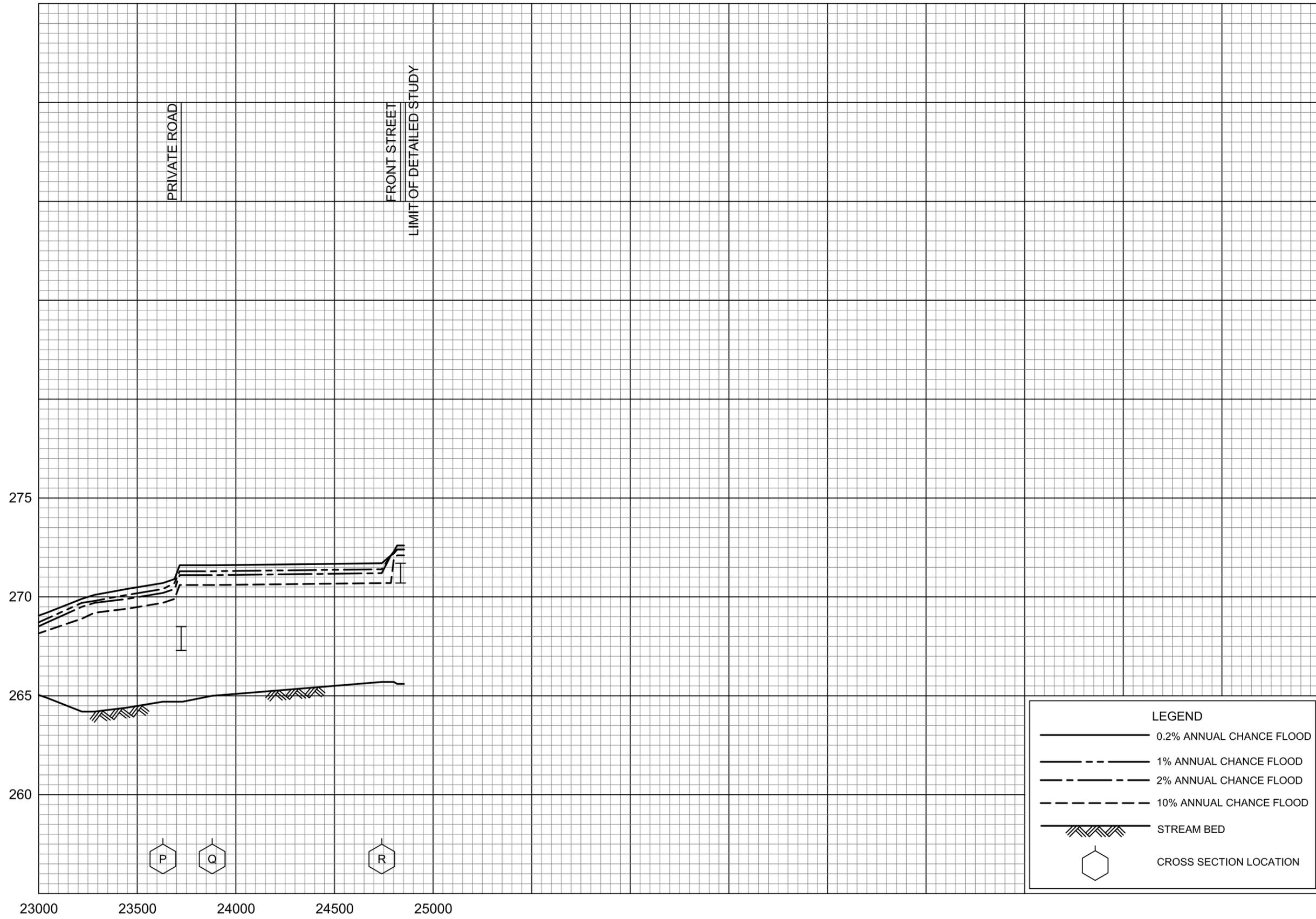
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



FLOOD PROFILES  
COLD SPRING BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD 88)

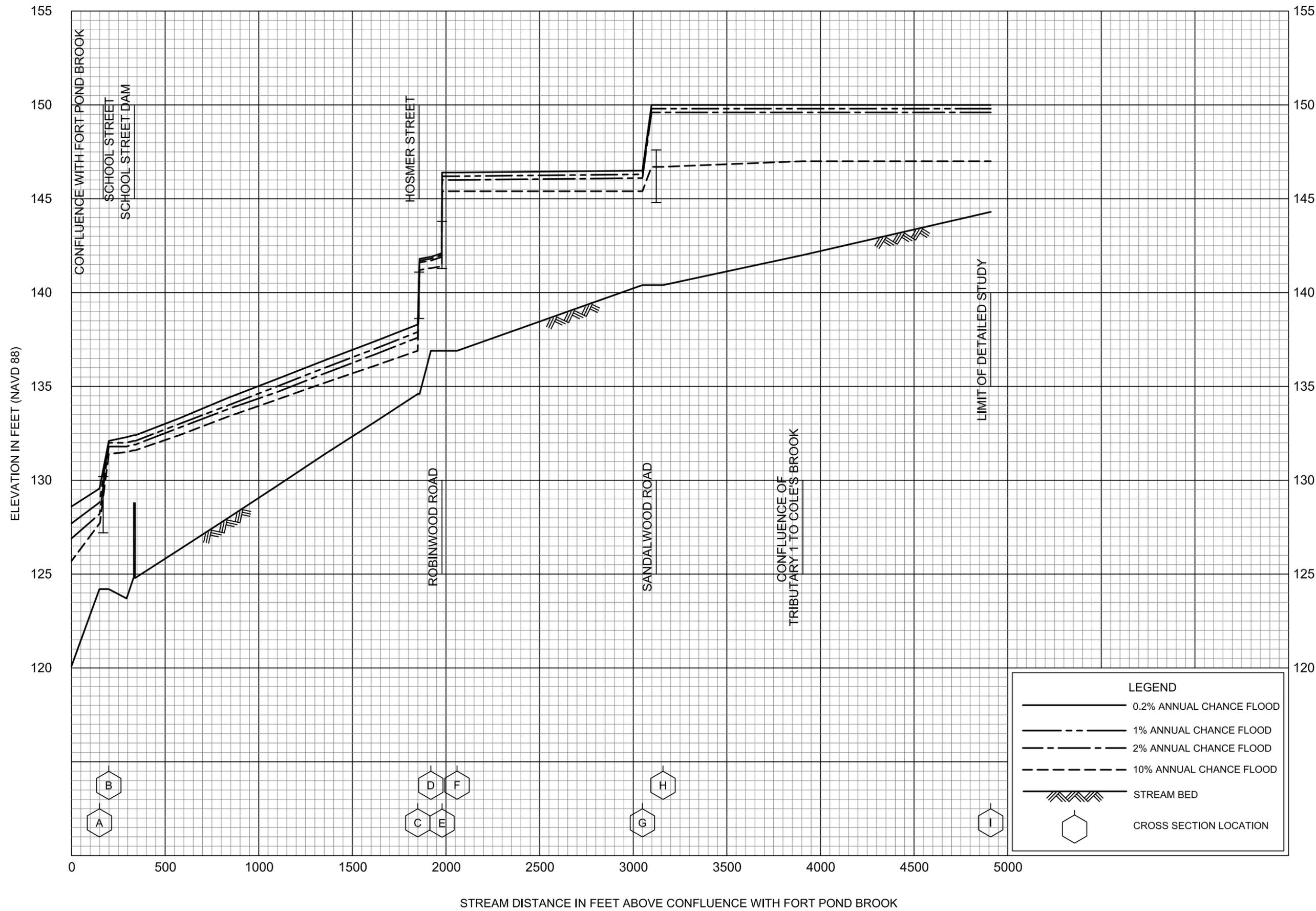


**LEGEND**

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

**FLOOD PROFILES**  
COLD SPRING BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



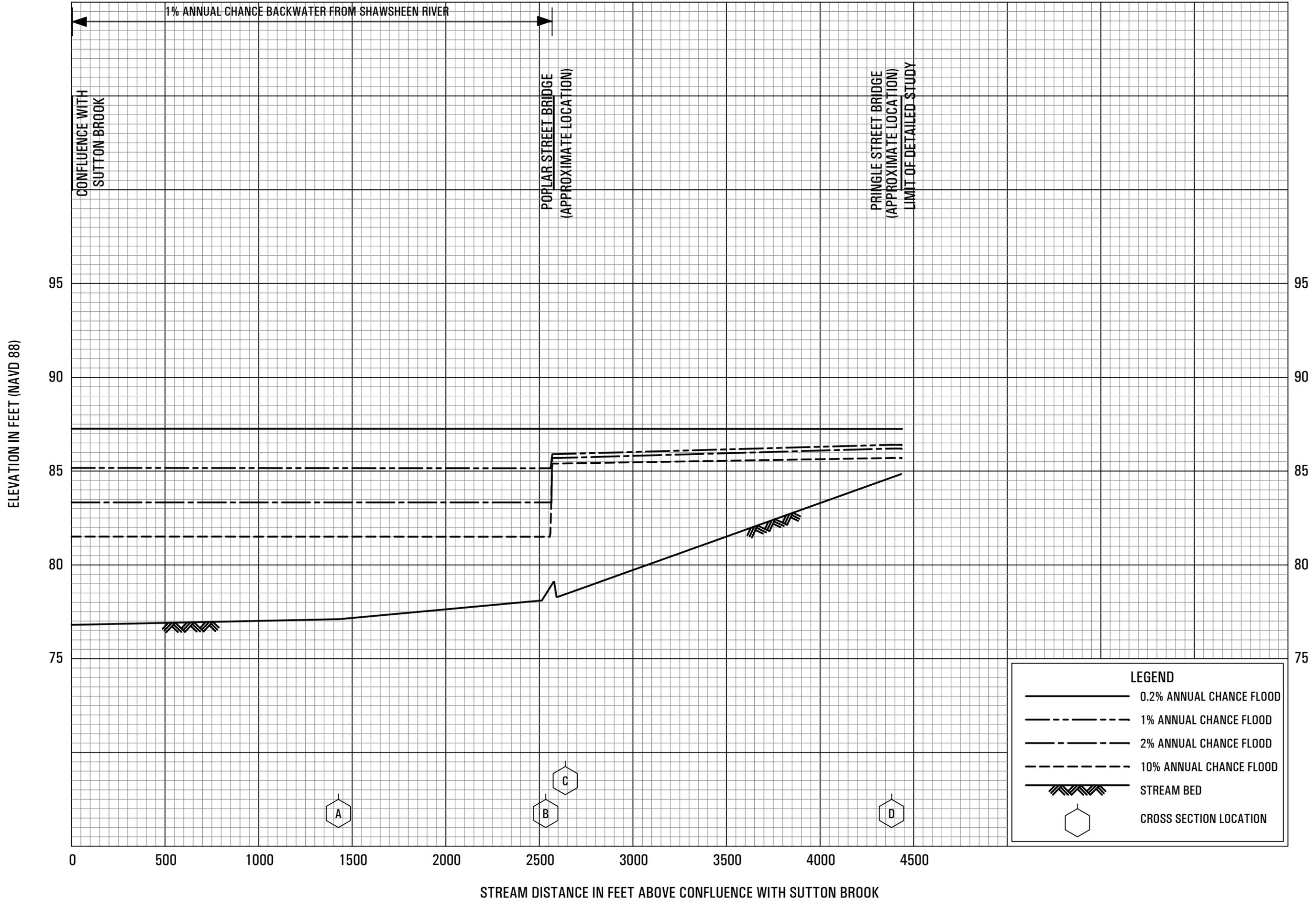
FLOOD PROFILES

COLE'S BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)

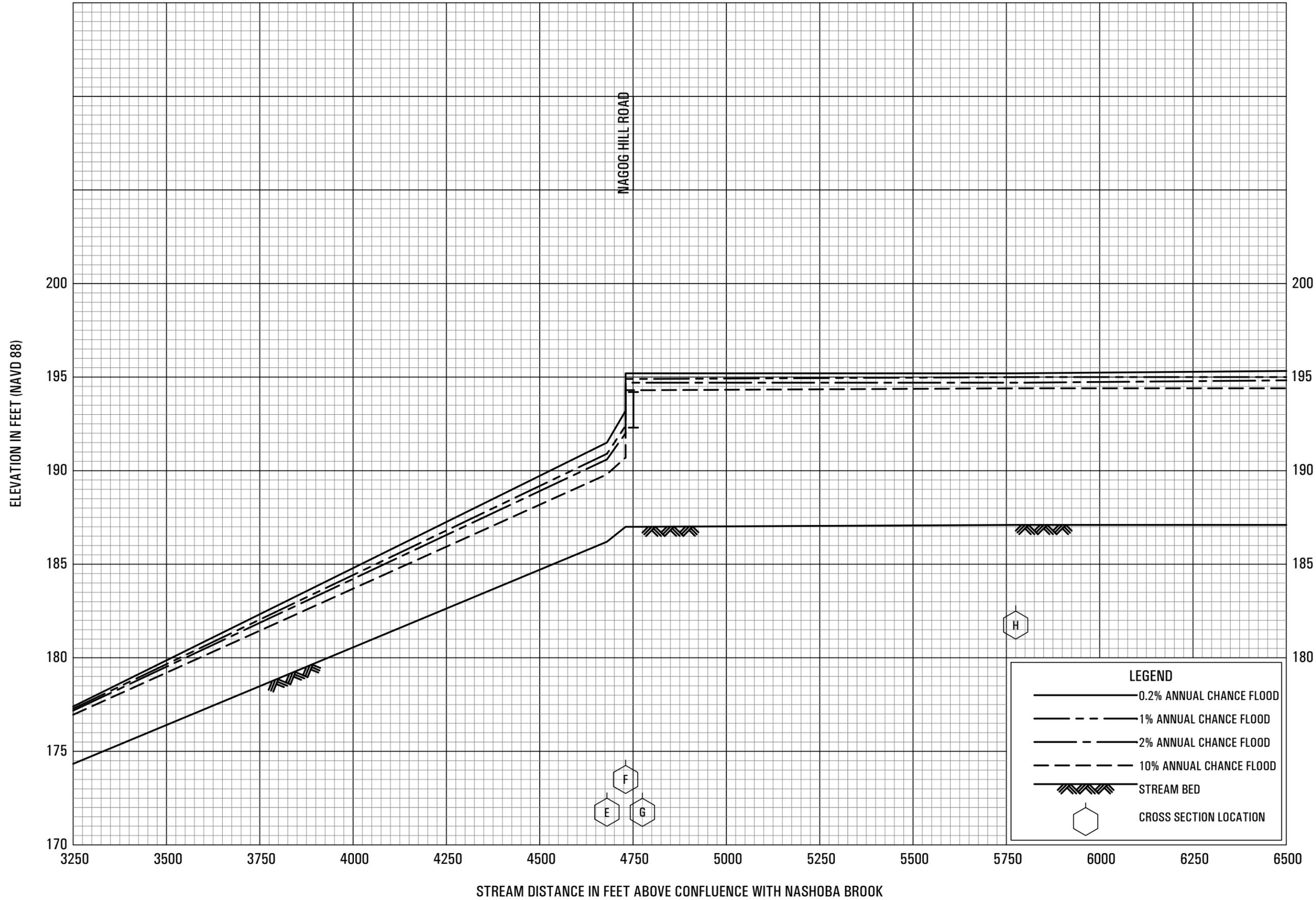


**FLOOD PROFILES**

**COLLINS BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)





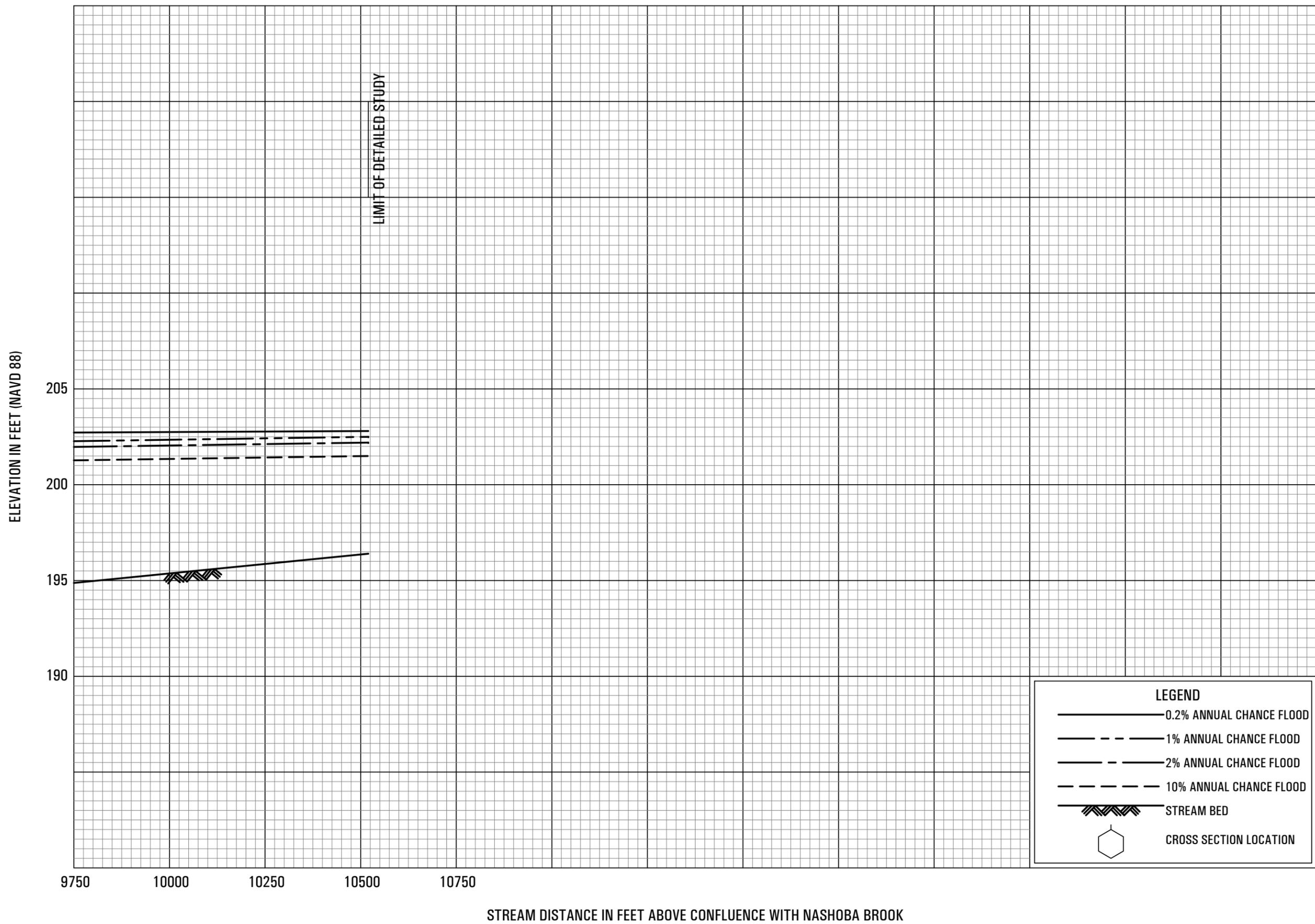
**FLOOD PROFILES**

CONANT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)

155P

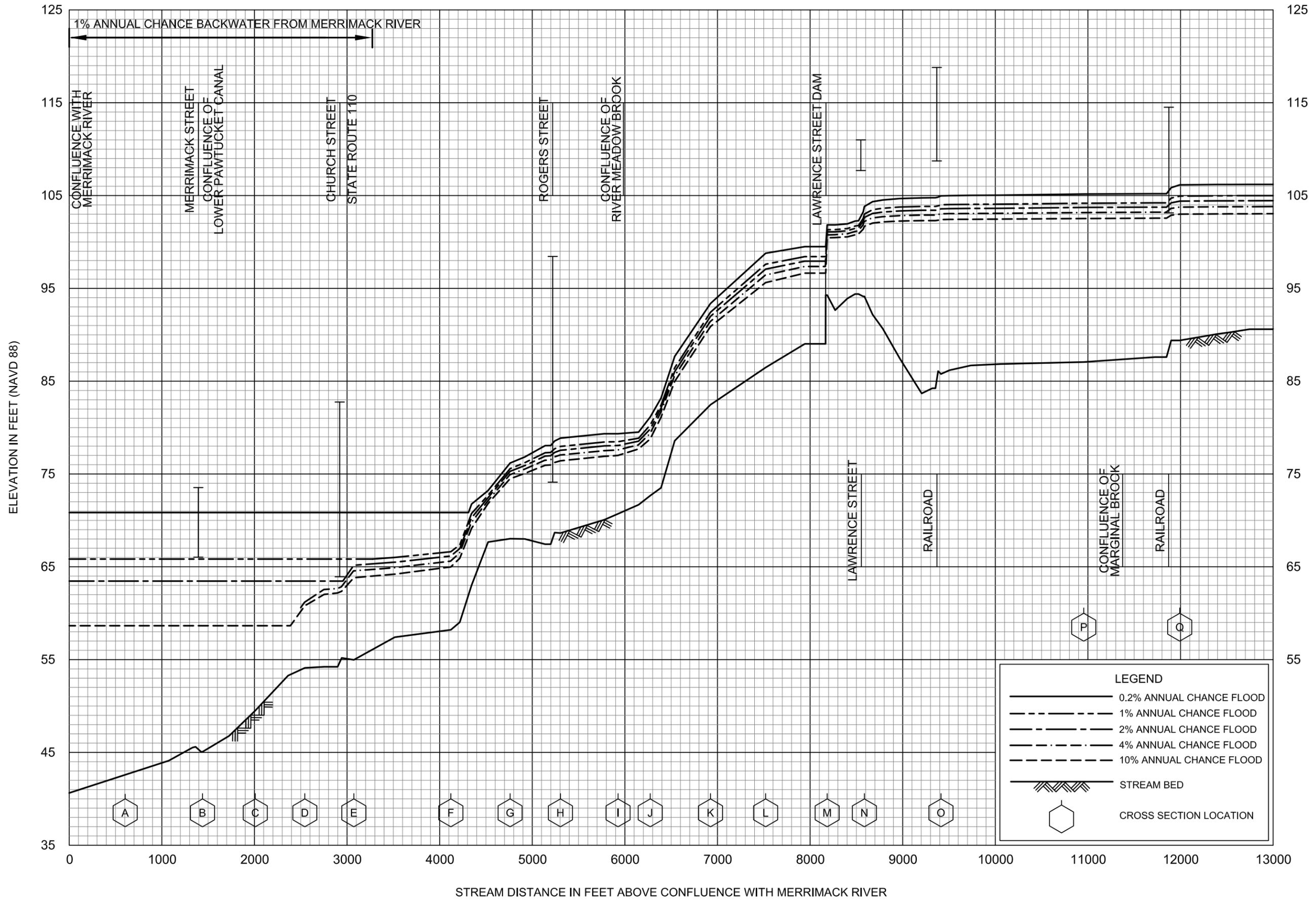




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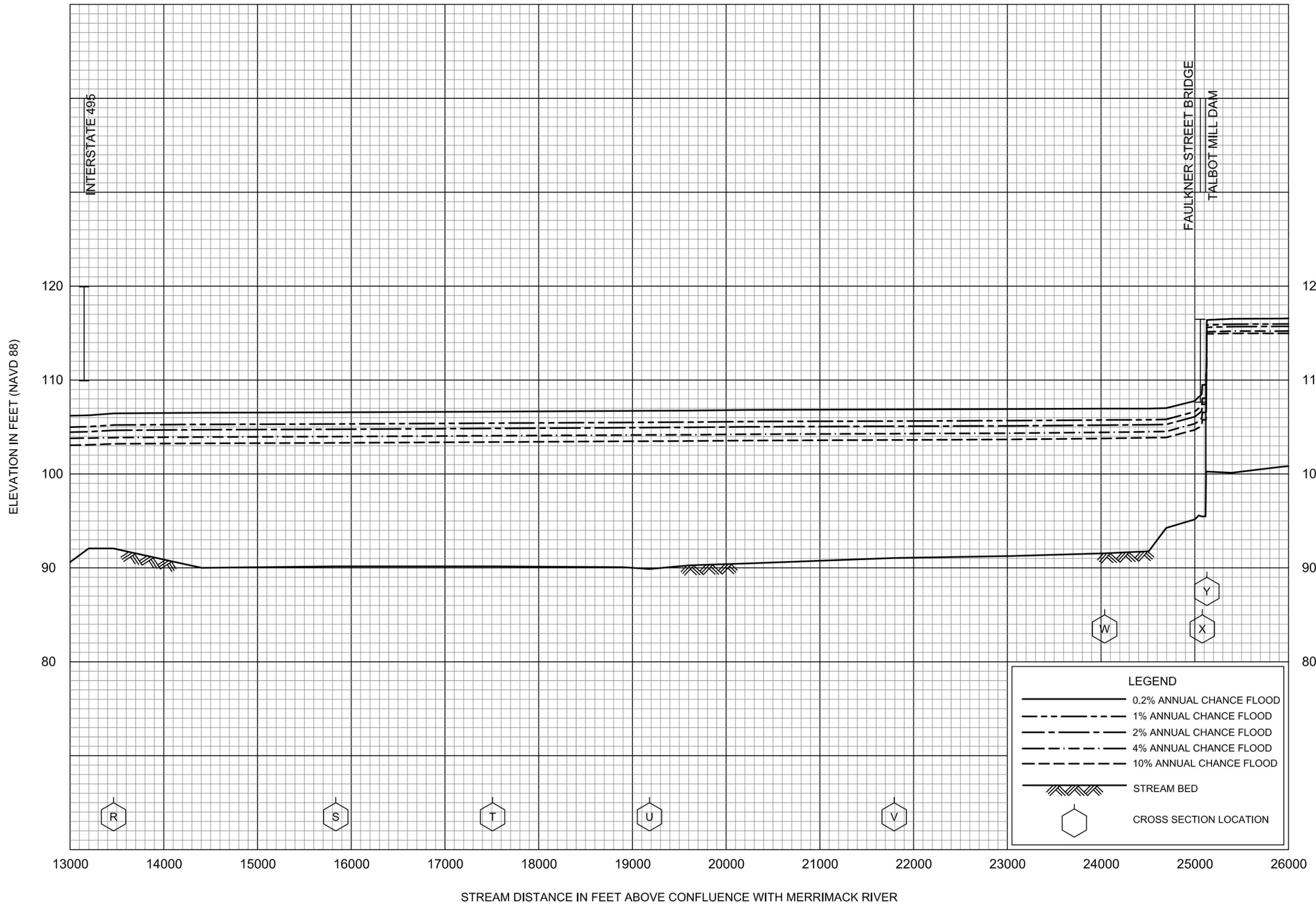
**CONANT BROOK**

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)**



FLOOD PROFILES  
CONCORD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



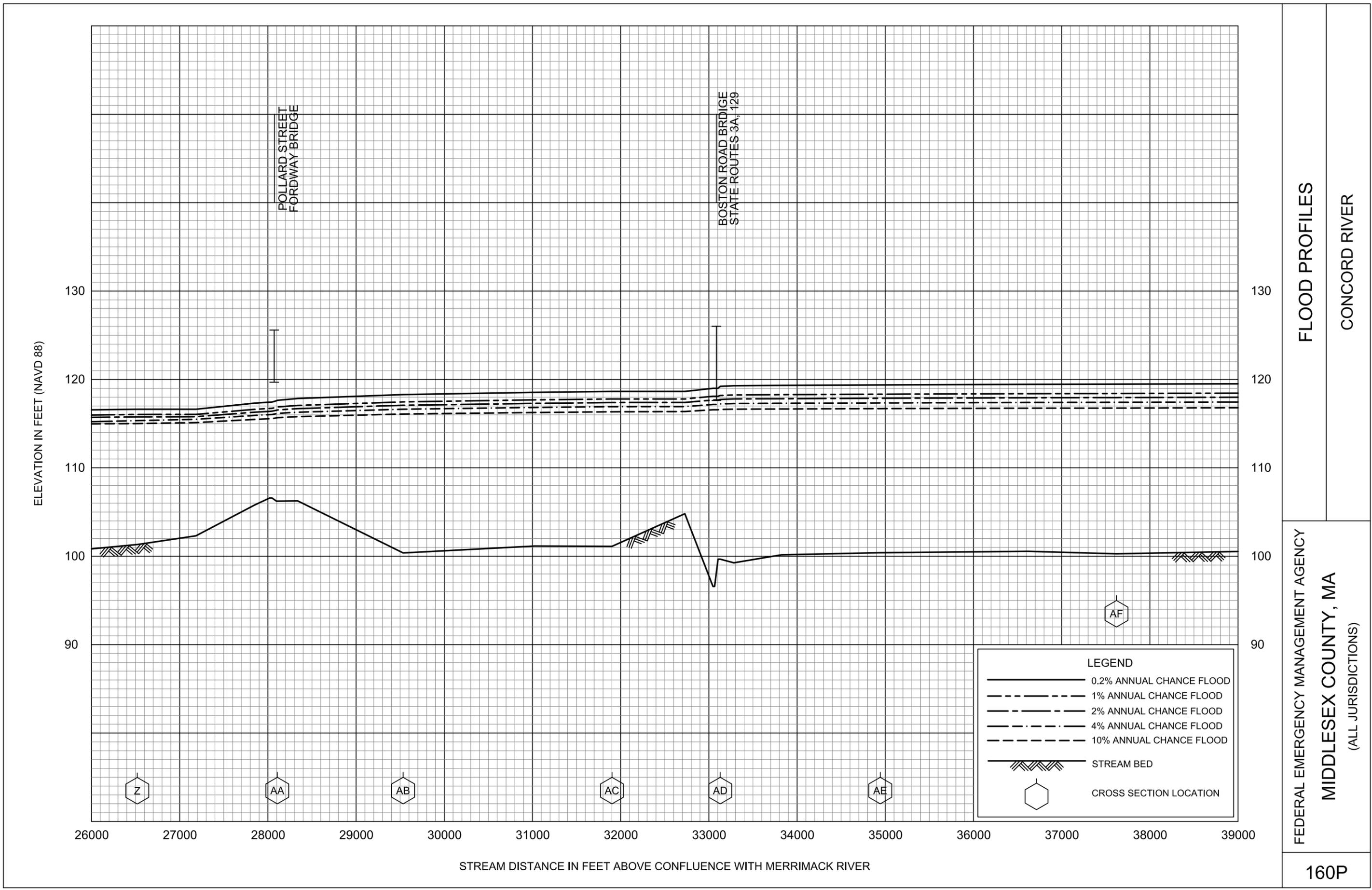
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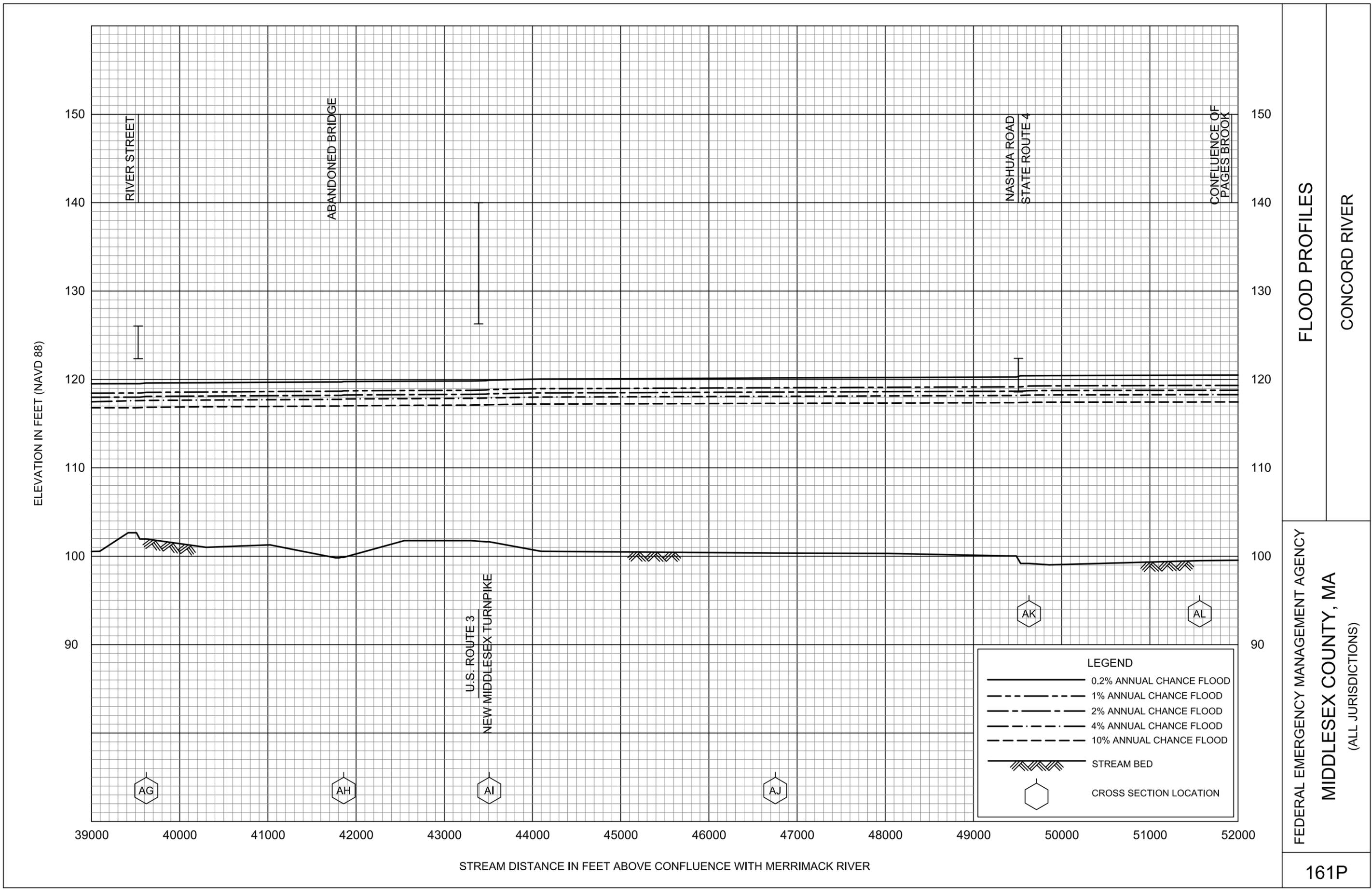
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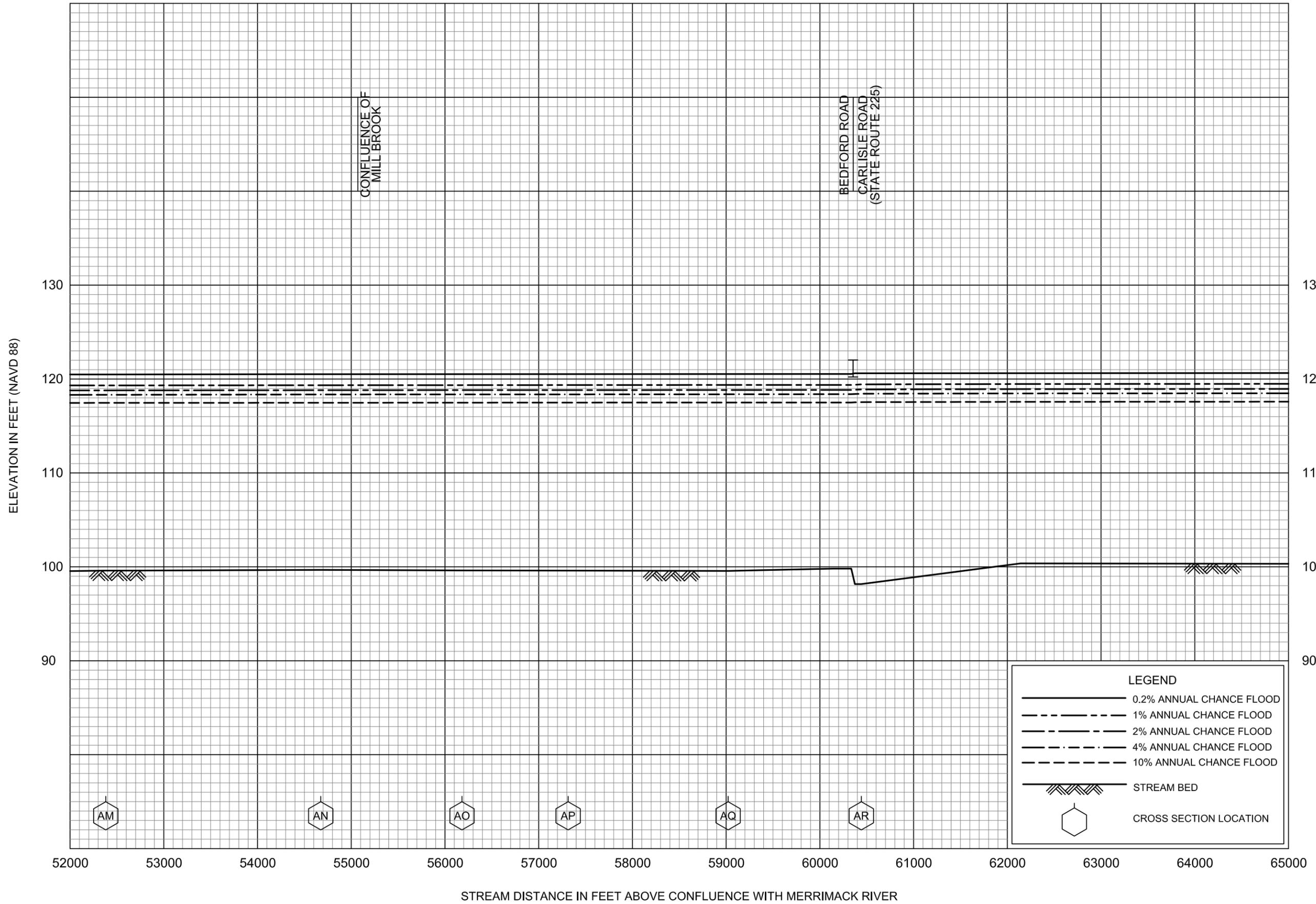
FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)







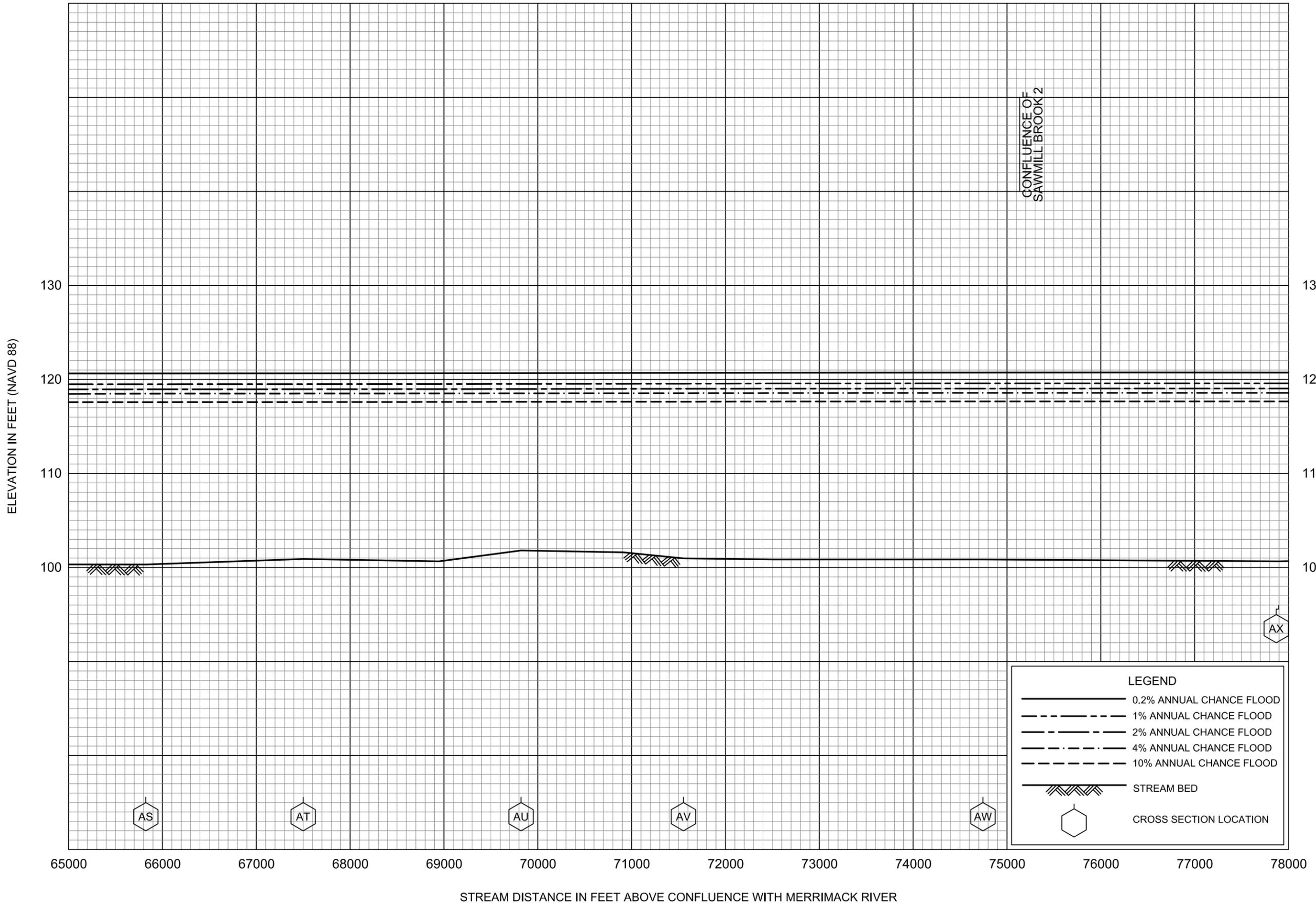
FLOOD PROFILES

CONCORD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)



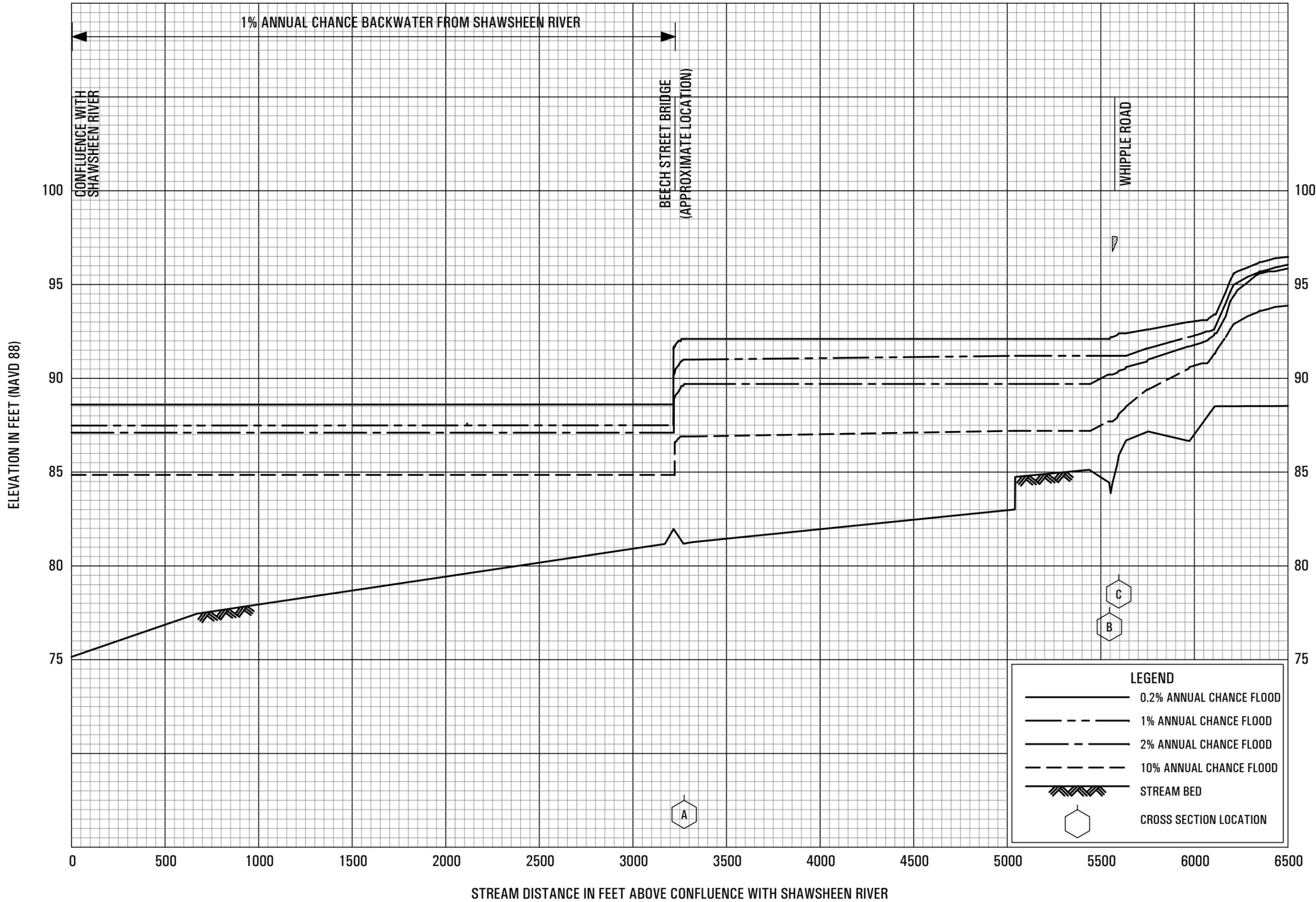
**LEGEND**

- 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

**FLOOD PROFILES**  
CONCORD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)

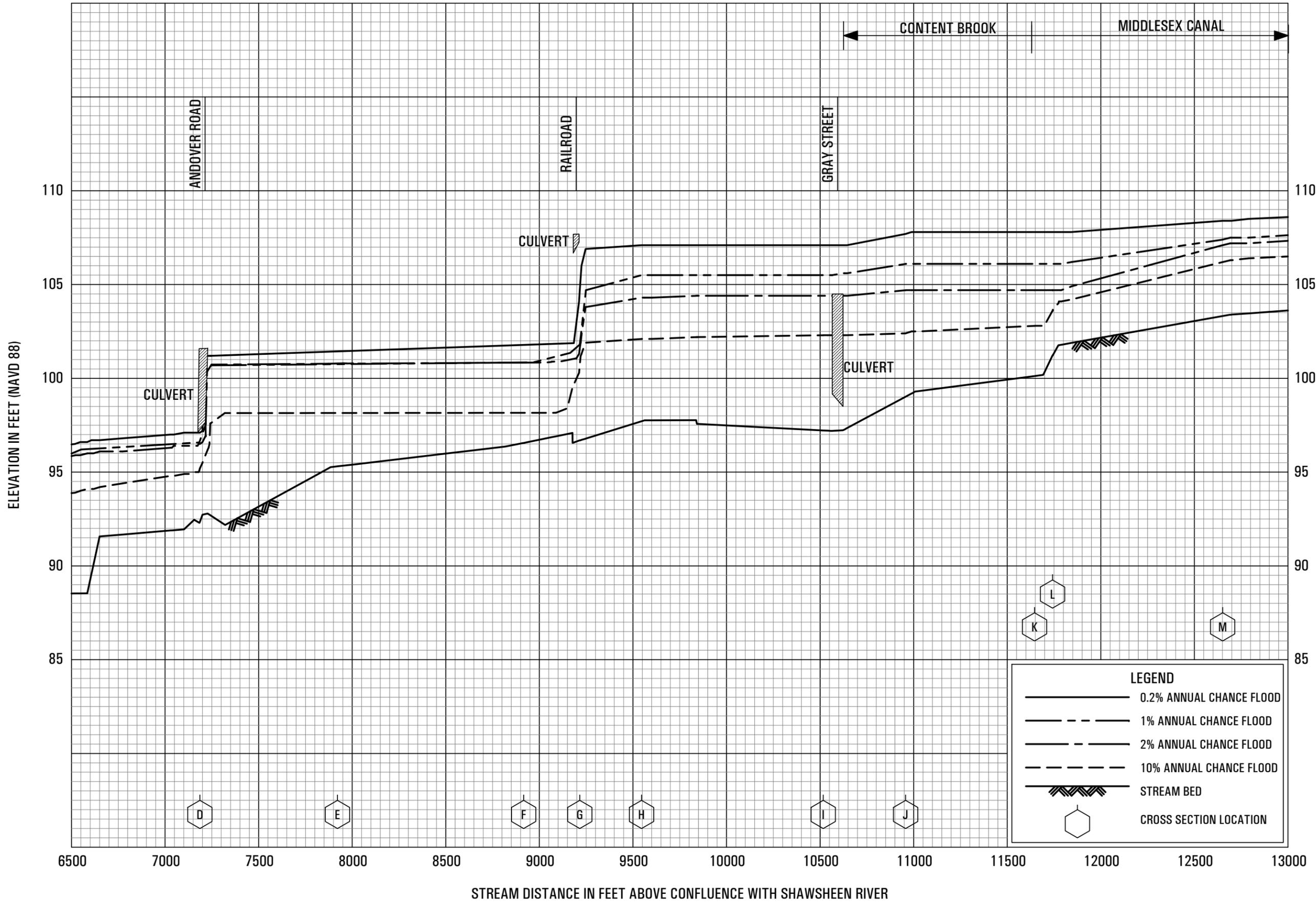




**FLOOD PROFILES**

**CONTENT BROOK - MIDDLESEX CANAL**

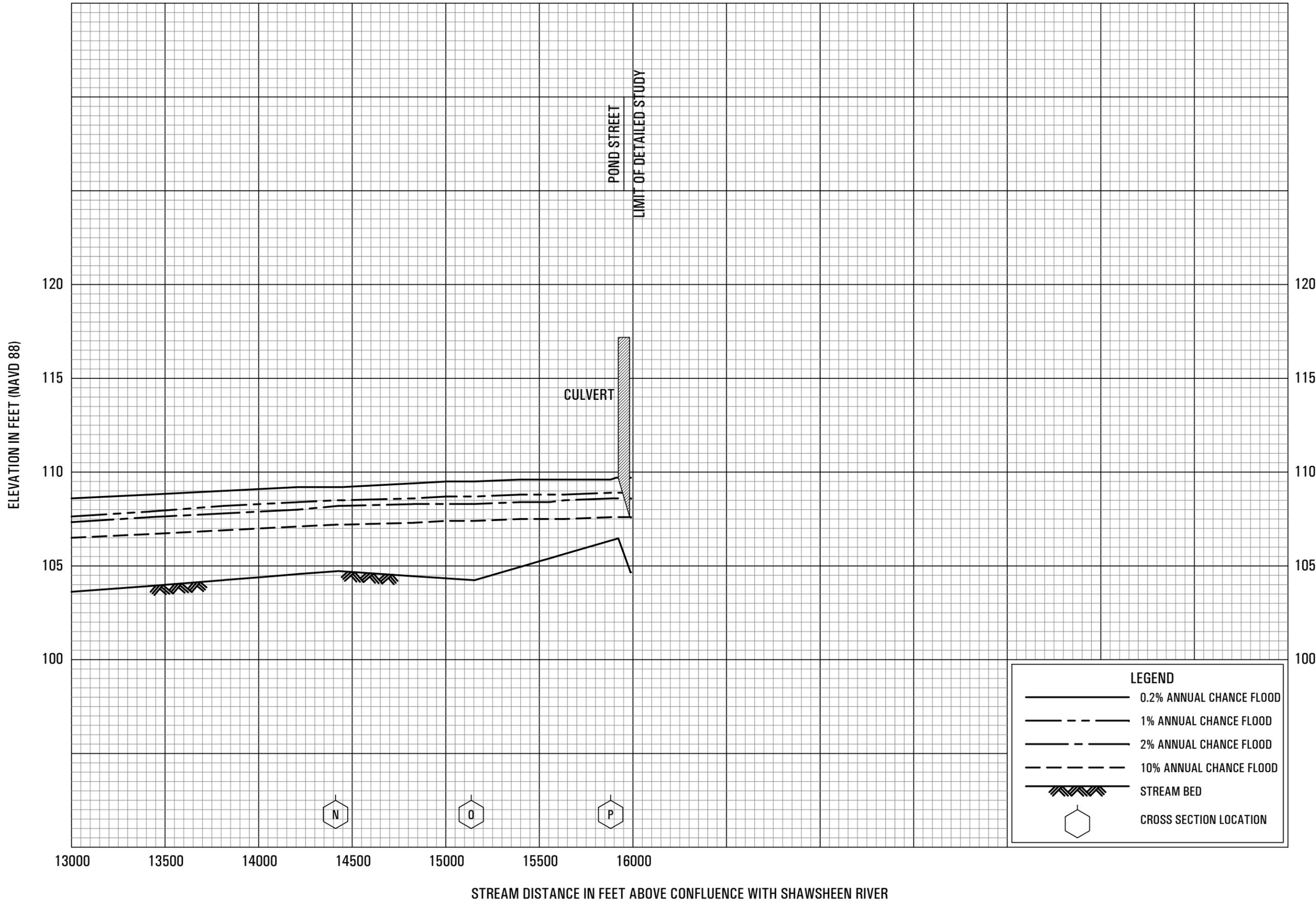
**FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)**



**FLOOD PROFILES**

**CONTENT BROOK - MIDDLESEX CANAL**

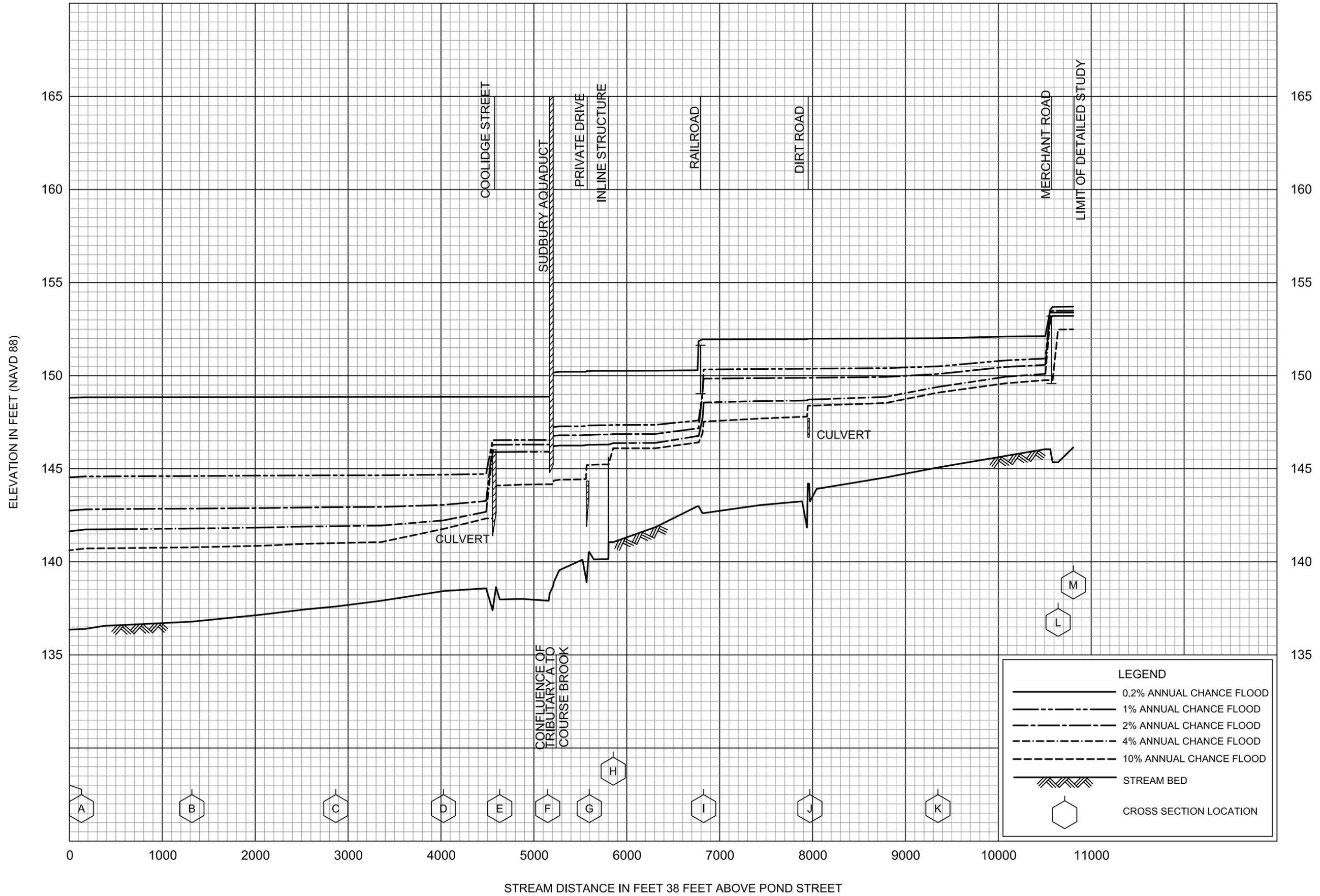
**FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)**



**FLOOD PROFILES**

CONTENT BROOK - MIDDLESEX CANAL

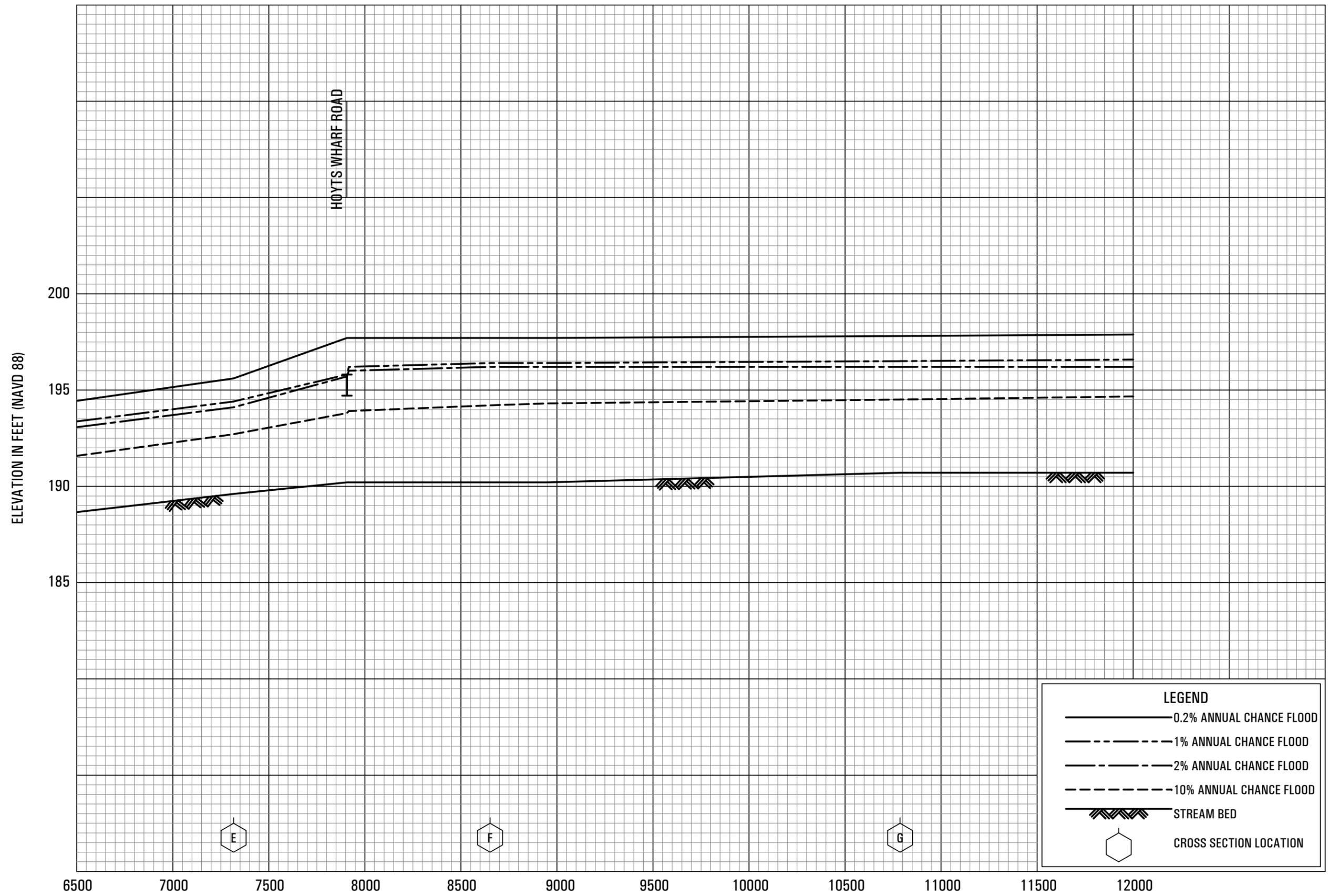
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)



FLOOD PROFILES  
COURSE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)

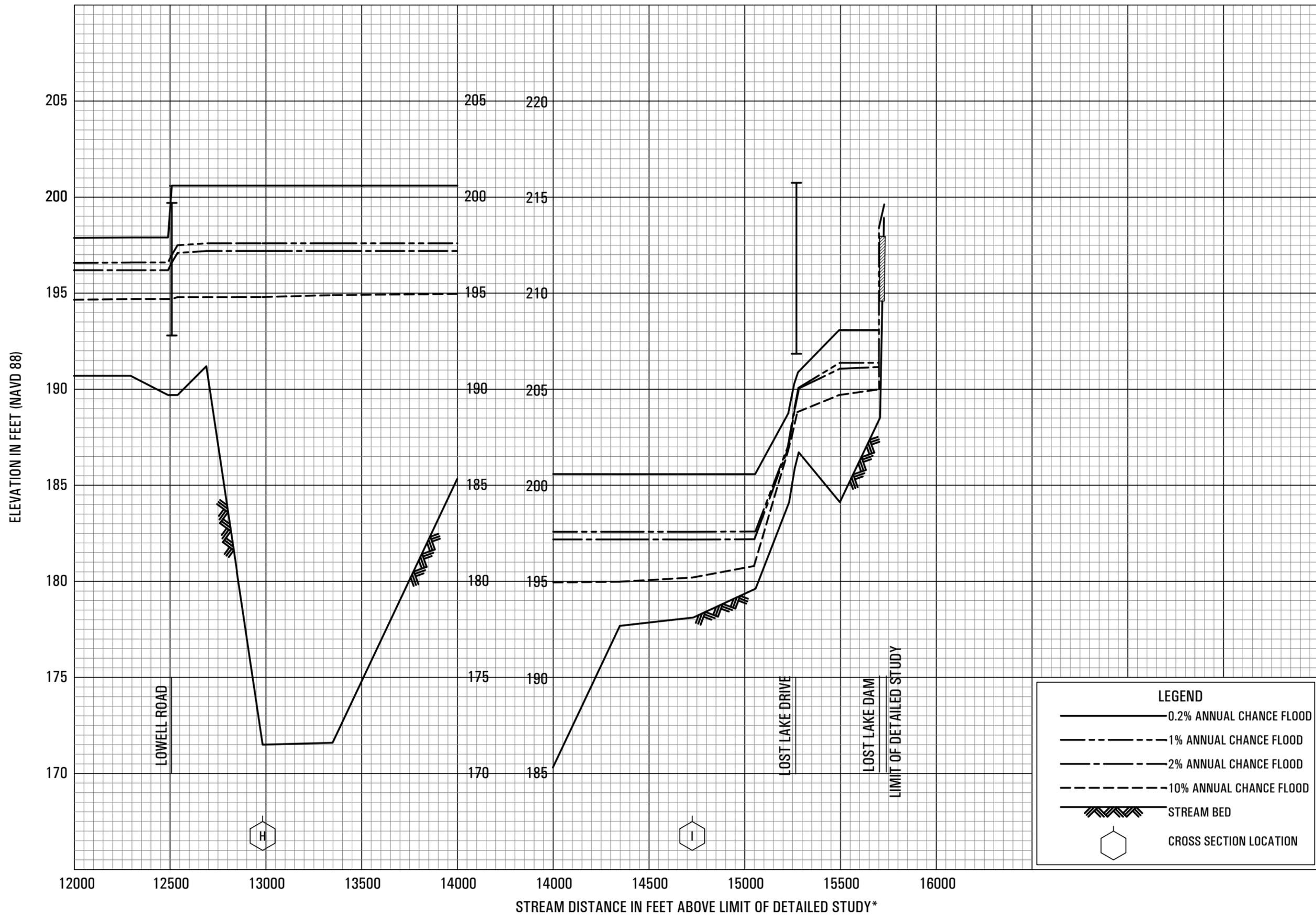




STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY\*  
 \*LIMIT OF DETAILED STUDY IS APPROXIMATELY 4,140 FEET DOWNSTREAM OF BRIDGE STREET

**FLOOD PROFILES**  
**COW POND BROOK**

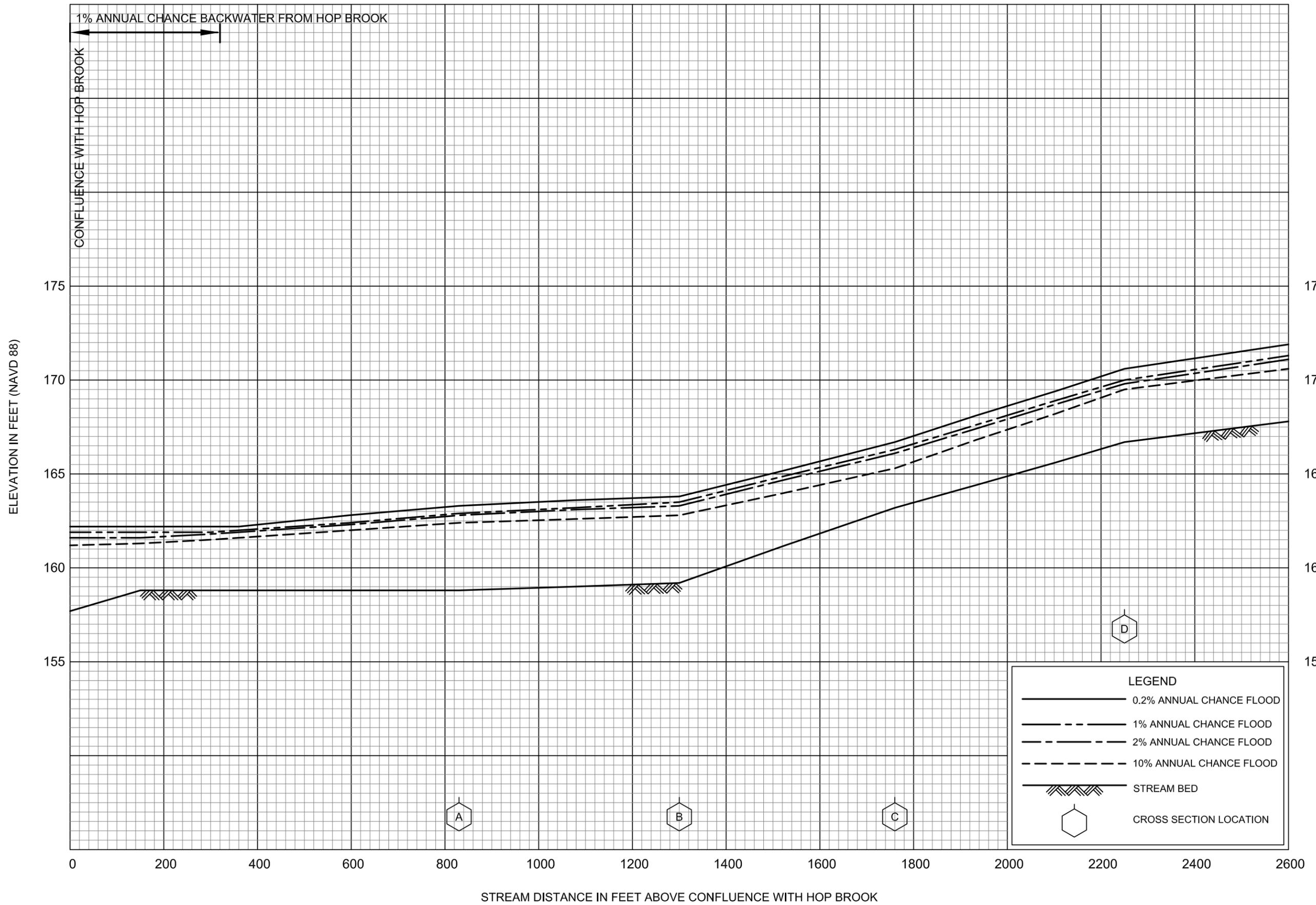
**FEDERAL EMERGENCY MANAGEMENT AGENCY**  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)



\*LIMIT OF DETAILED STUDY IS APPROXIMATELY 4,140 FEET DOWNSTREAM OF BRIDGE STREET

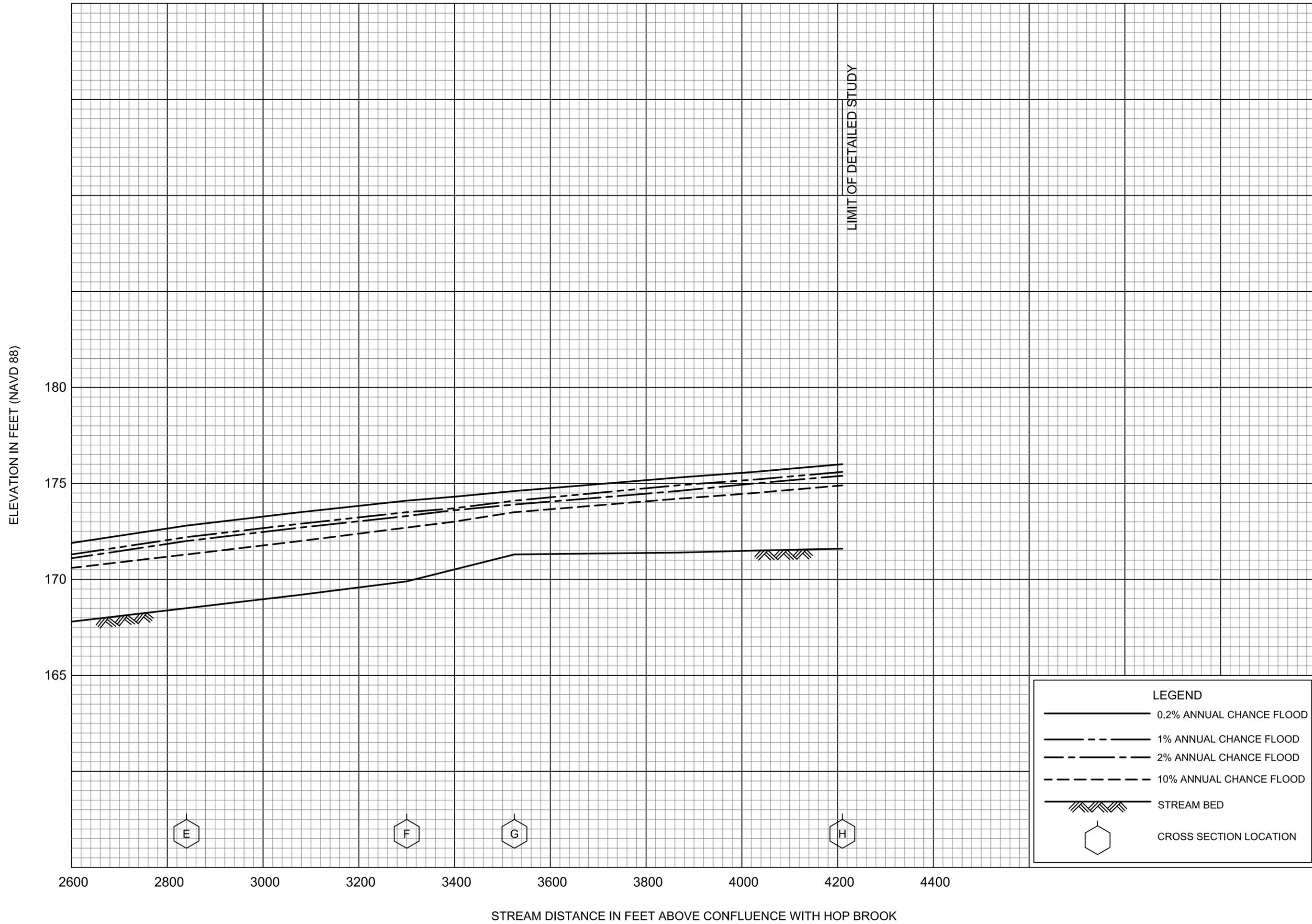
**FLOOD PROFILES**  
**COW POND BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



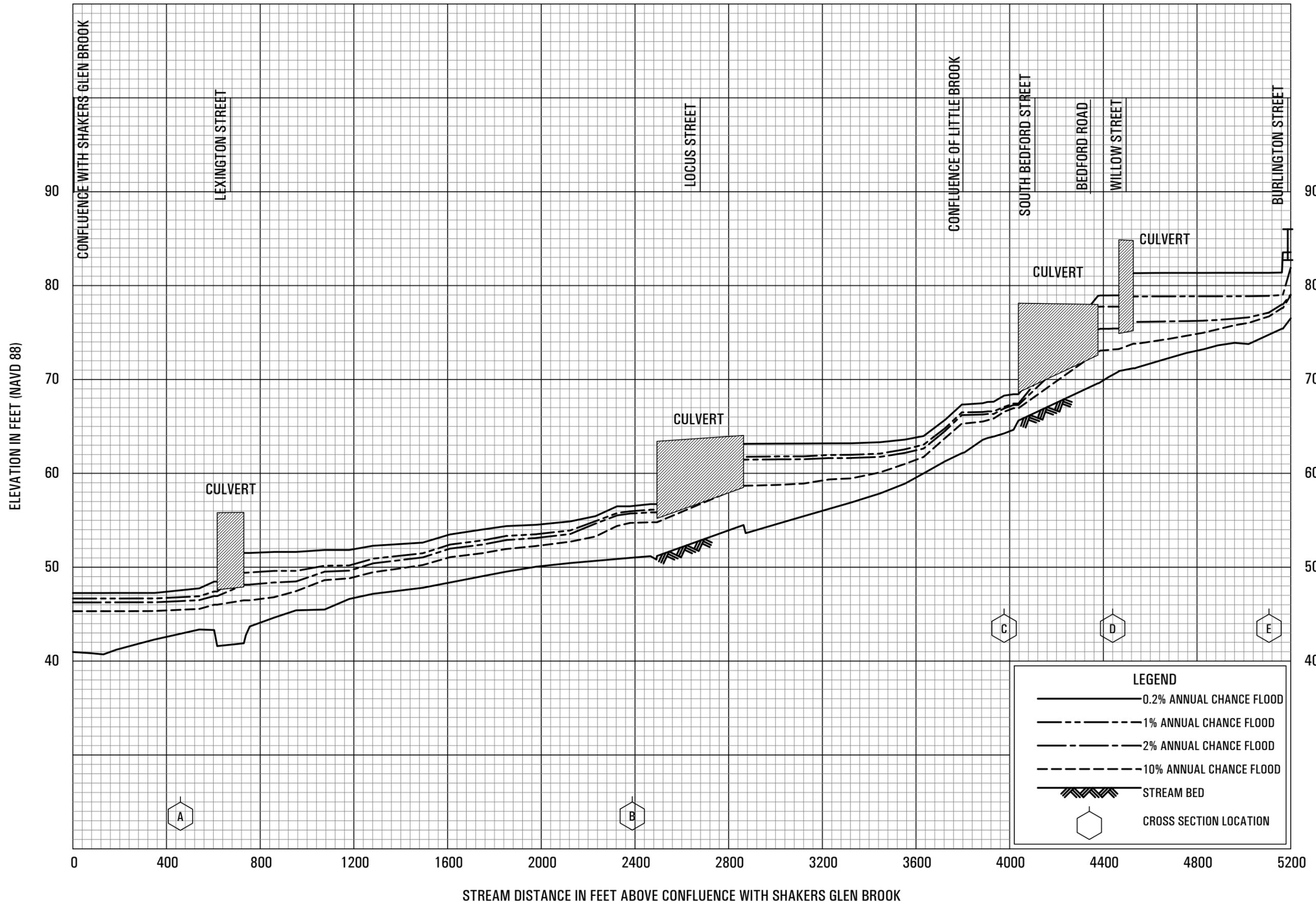
**FLOOD PROFILES**  
**CRANBERRY BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
(ALL JURISDICTIONS)



FLOOD PROFILES  
CRANBERRY BROOK

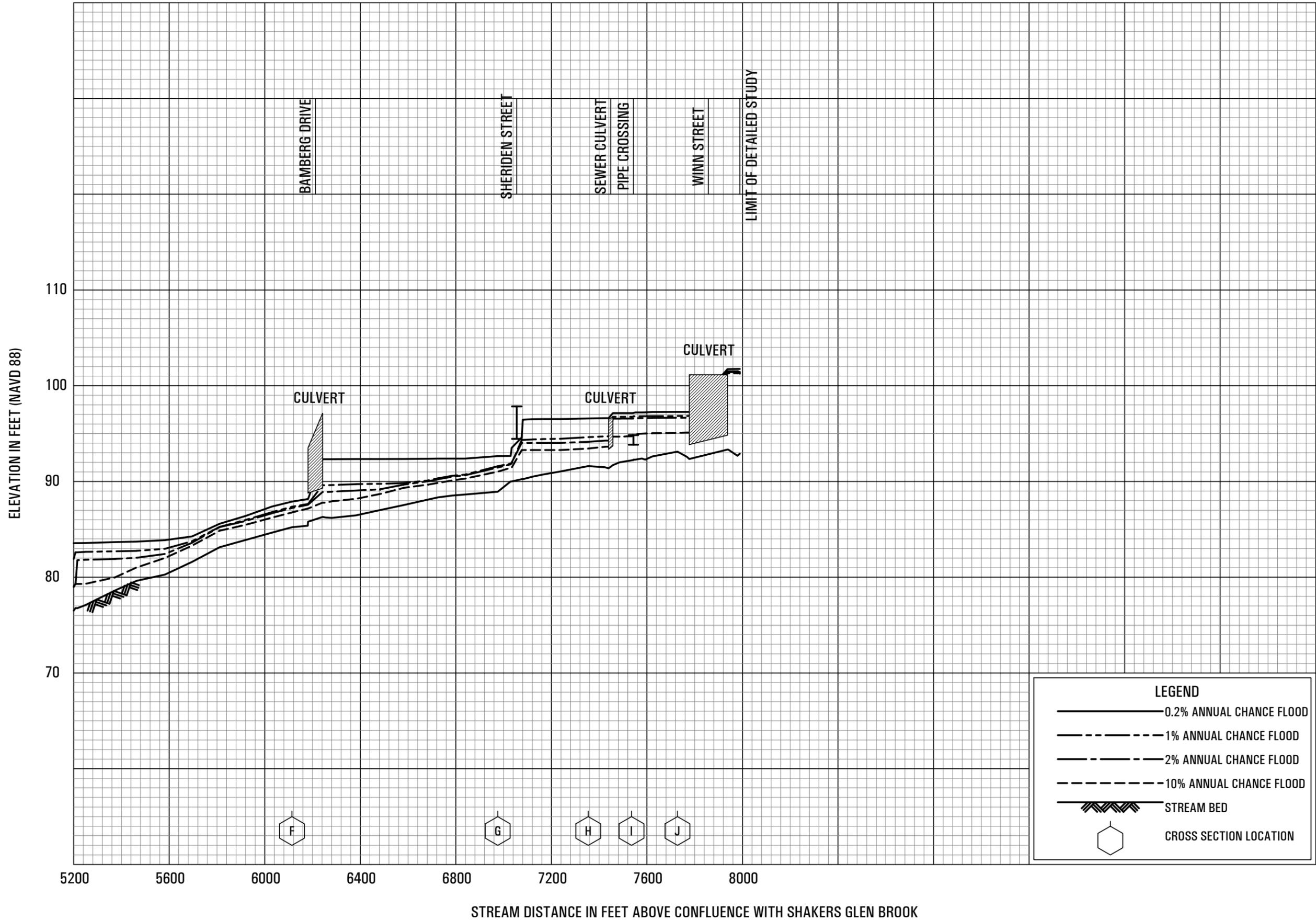
FEDERAL EMERGENCY MANAGEMENT AGENCY  
MIDDLESEX COUNTY, MA  
(ALL JURISDICTIONS)



**FLOOD PROFILES**

CUMMINGS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)



**LEGEND**

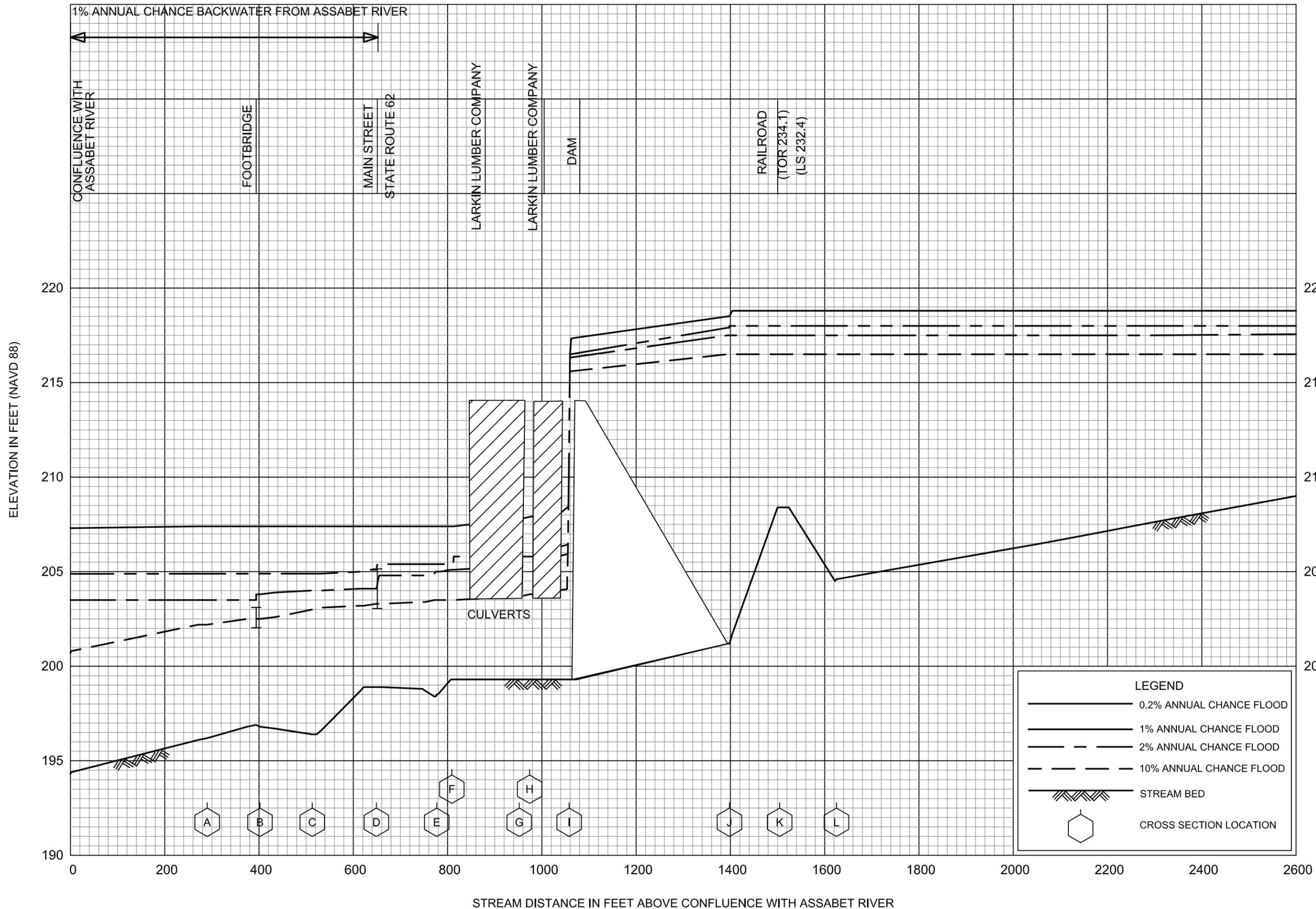
- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

**FLOOD PROFILES**

**CUMMINGS BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)





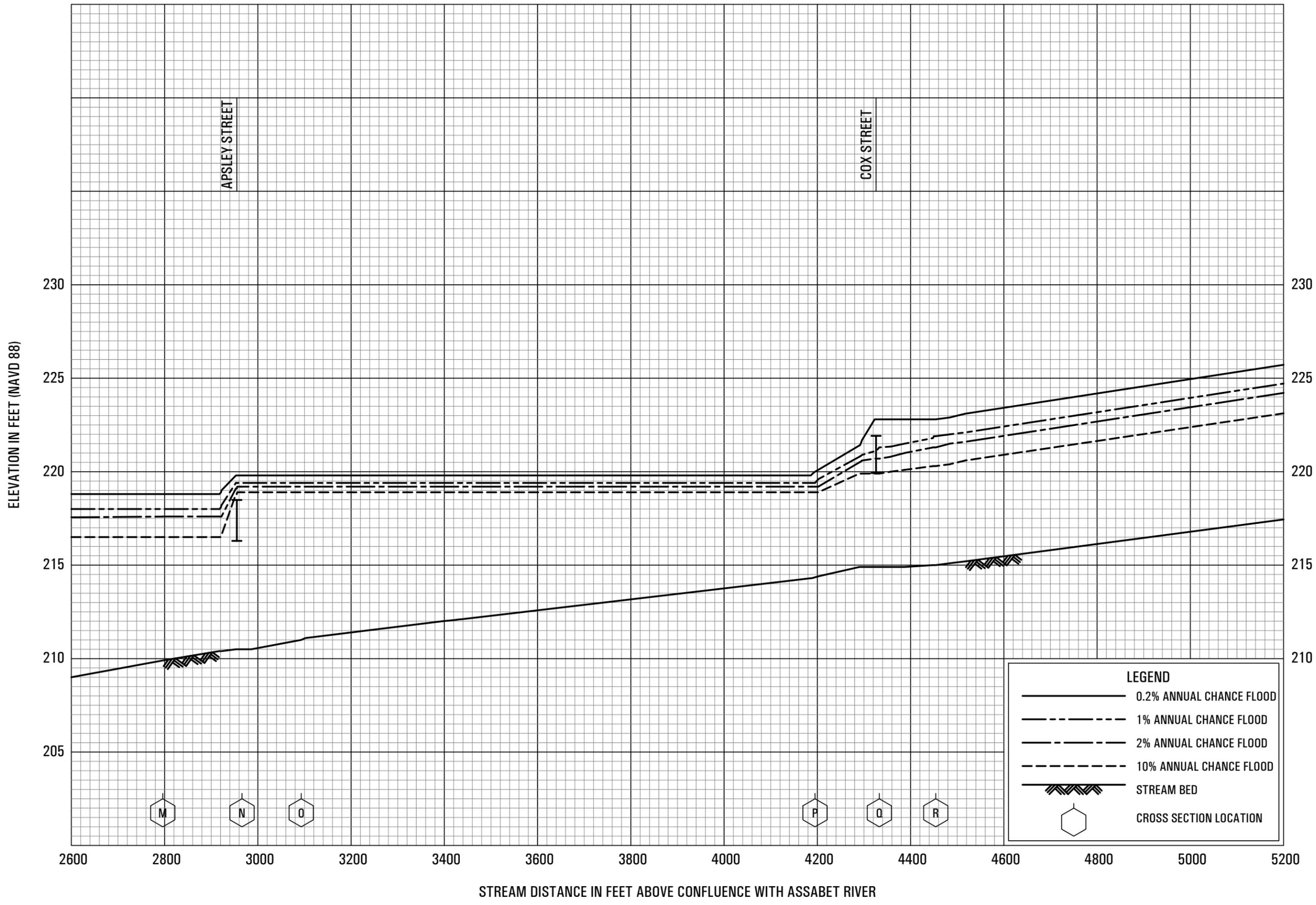
FLOOD PROFILES

DANFORTH BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

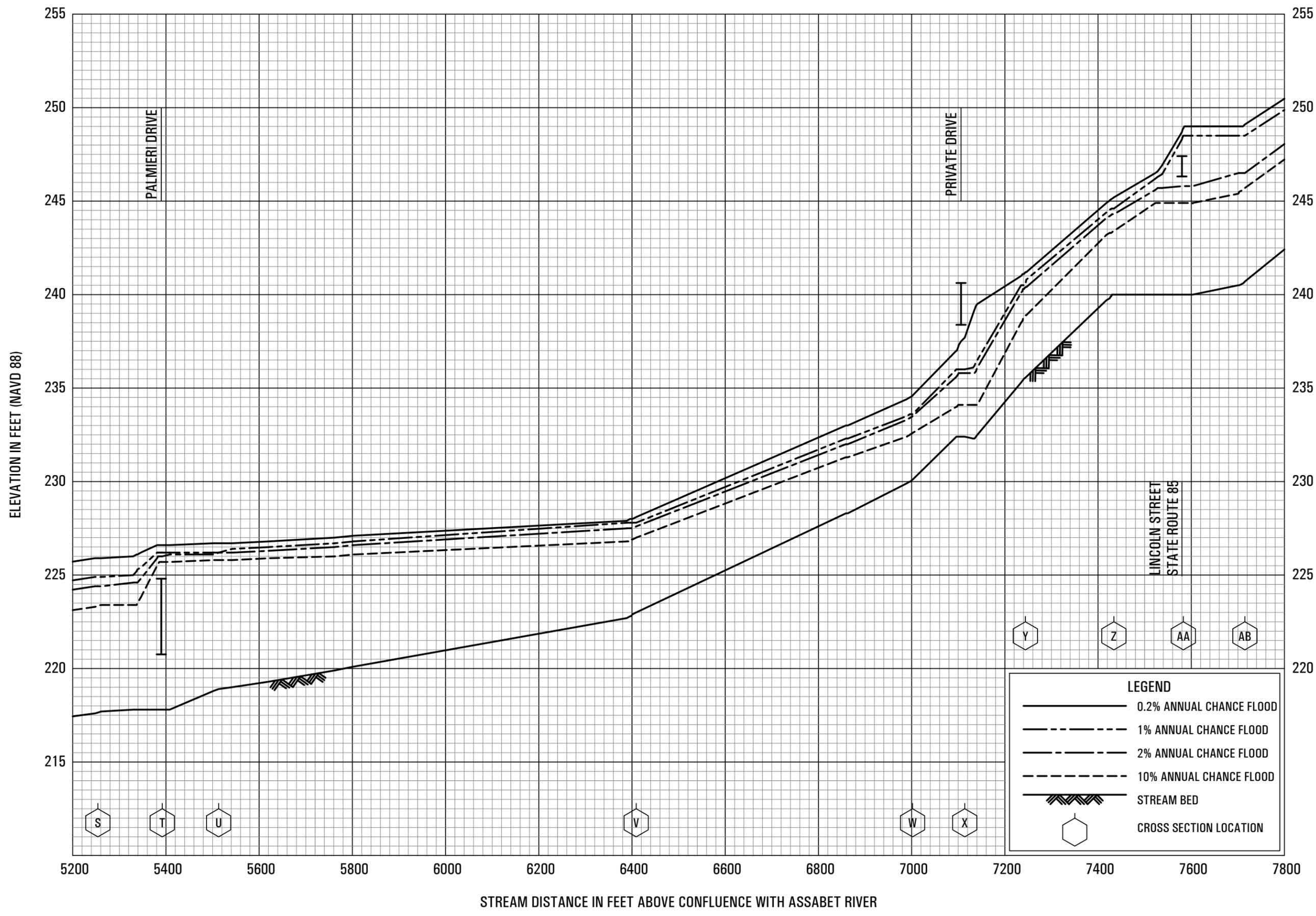
(ALL JURISDICTIONS)



**FLOOD PROFILES**

**DANFORTH BROOK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**MIDDLESEX COUNTY, MA**  
 (ALL JURISDICTIONS)

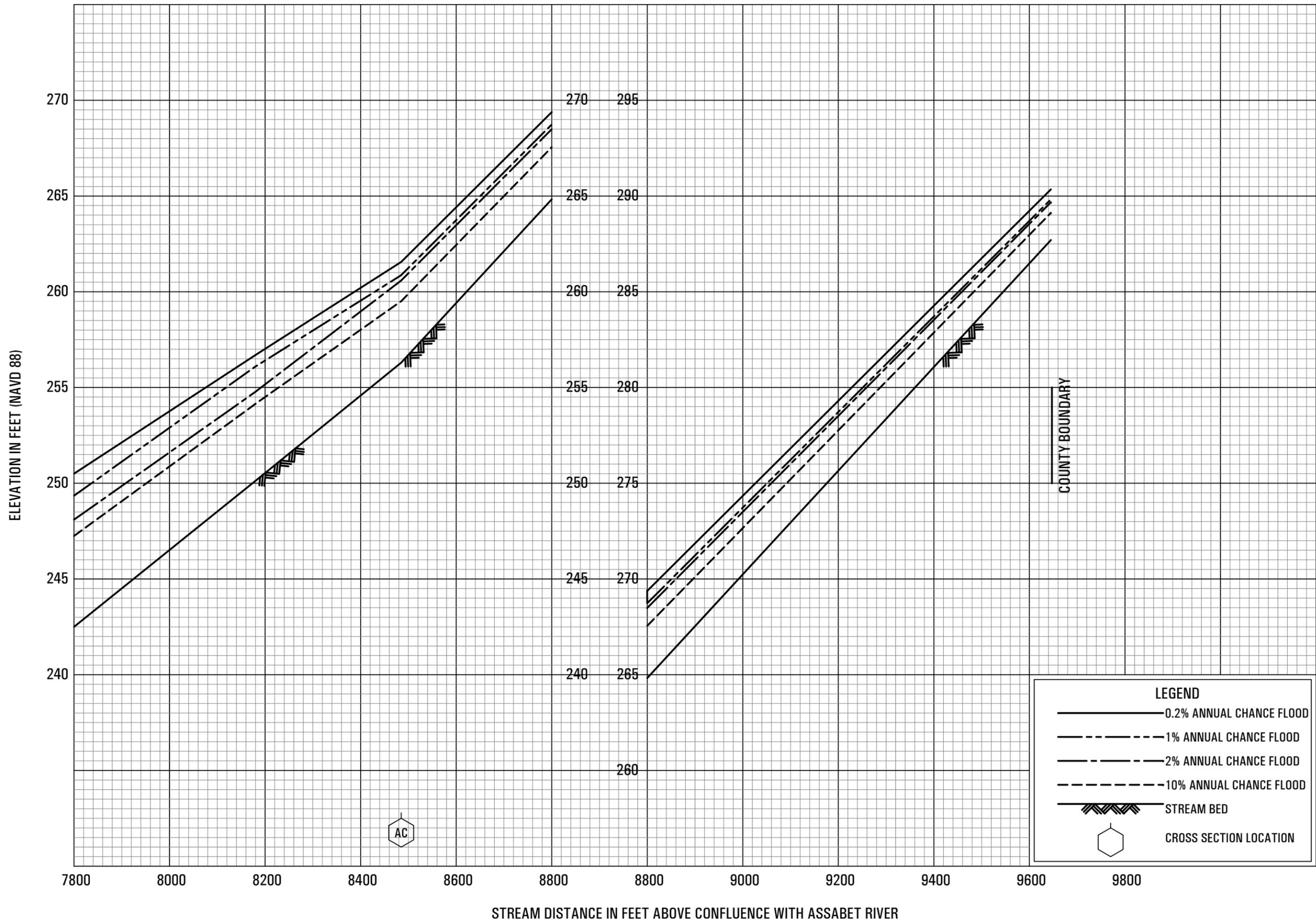


**FLOOD PROFILES**

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FEDERAL EMERGENCY MANAGEMENT AGENCY

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