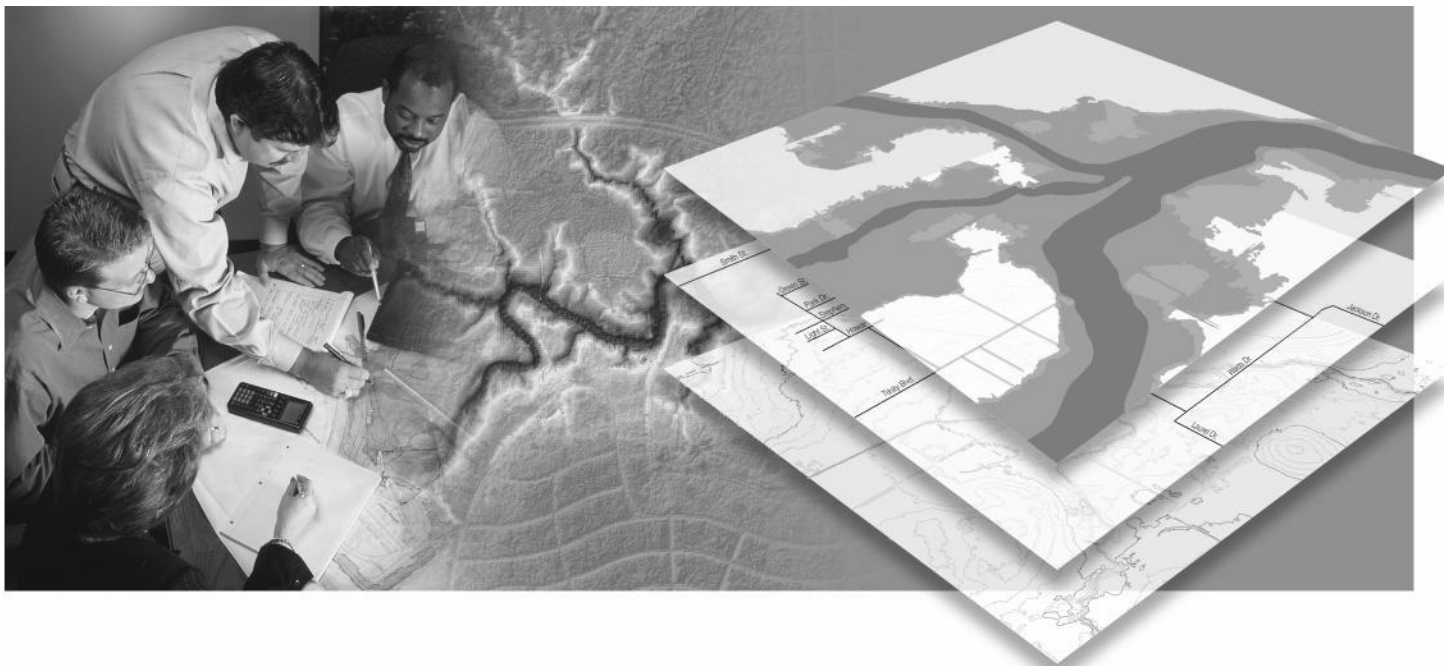
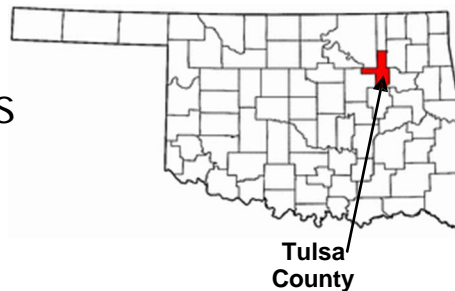


# Flood Insurance Study

Tulsa County, Oklahoma and Incorporated Areas

VOLUME 7 of 7



## COMMUNITY NAME

## COMMUNITY NO.

Bixby, City of	400207
Broken Arrow, City of	400236
Collinsville, City of	400360
Glenpool, City of	400208
Jenks, City of	400209
Liberty, Town of <sup>1</sup>	400547
Lotsee, Village of <sup>2</sup>	400546
Owasso, City of	400210
Sand Springs, City of	400211
Sapulpa, City of	400053
Skiatook, Town of	400212
Sperry, Town of	400213
Tulsa, City of	405381
Tulsa County (Unincorporated Areas)	400462

<sup>1</sup> Disincorporated into the Unincorporated Areas of Tulsa County

<sup>2</sup> No Special Flood Hazard Areas Identified

Revised: May 2, 2019  
FLOOD INSURANCE STUDY NUMBER  
40143CV007E



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

Users should refer to Section 10.0, Revision Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of the FIS report should be aware that the information presented in Section 10.0 supersedes information in Section 1.0 through 9.0 of this FIS report.

Initial Countywide FIS Effective Date: September 22, 1999.

First Revised Countywide FIS Revision Date: Map revised September 7, 2001 to change base flood elevations, to change special flood hazard areas, to reflect updated topographic information, and to change floodway.

Second Revised Countywide FIS Revision Date: Map revised April 16, 2003 to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Third Revised Countywide FIS Revision Date: Map revised August 3, 2009 to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Fourth Revised Countywide FIS Revision Date: Map revised October 16, 2012 to change Special Flood Hazard Areas, to reflect updated topographic information, and to incorporate previously issued Letter of Map Revision.

Fifth Revised Countywide FIS Revision Date: Map revised September 30, 2016 to change Base Flood Elevations and Special Flood Hazard Areas, and to incorporate previously issued Letters of Map Revision.

Sixth Revised Countywide FIS Revision Date: Map revised May 2, 2019 to change Special Flood Hazard Areas to reflect new detailed modeling of Joe Creek and its tributaries and to incorporate previously issued Letters of Map Revision.

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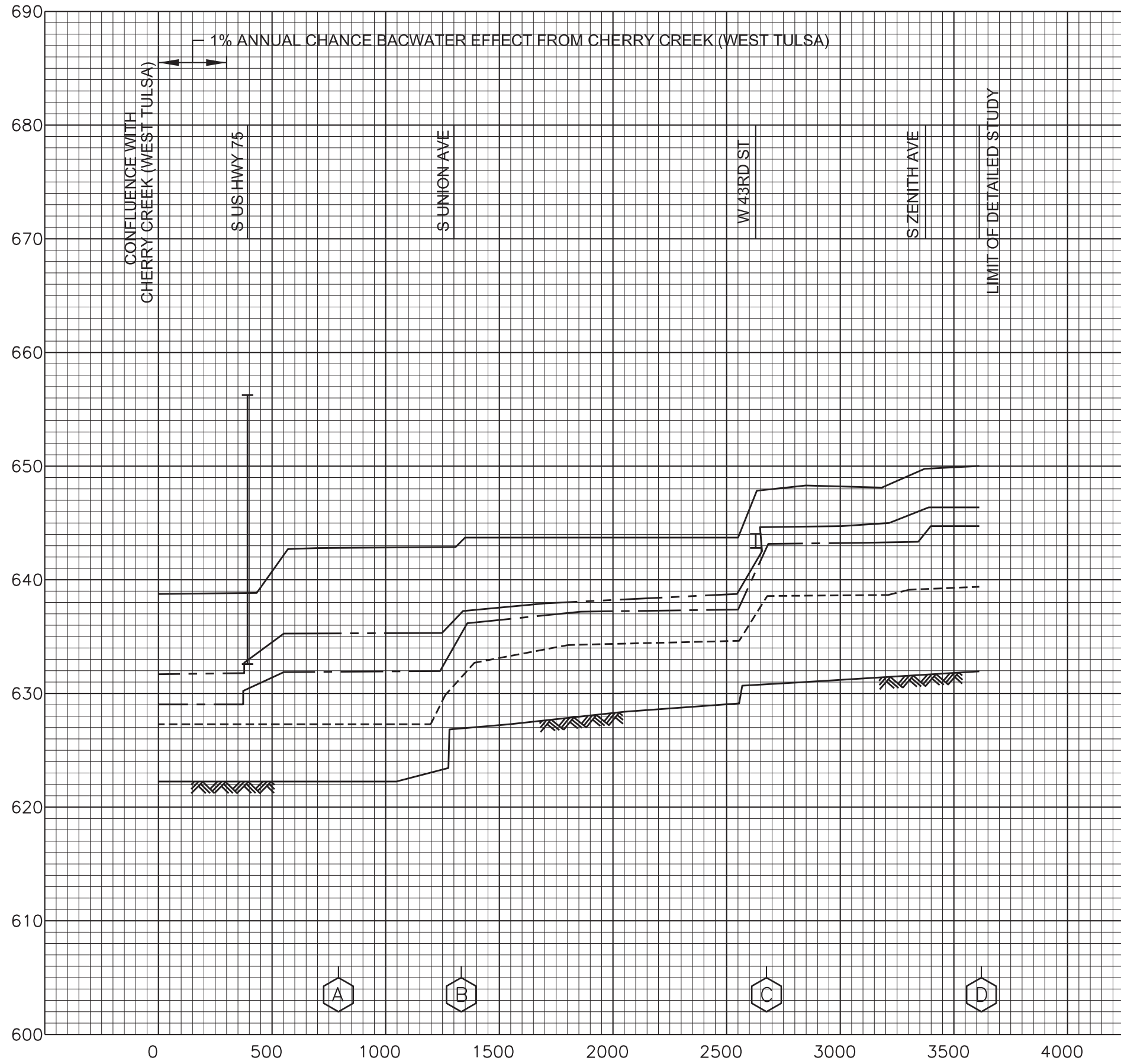
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Exhibit 2 – Flood Insurance Rate Map Index (Published Separately)  
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ELEVATION IN FEET (NAVD)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CHERRY CREEK (WEST TULSA)

**LEGEND**

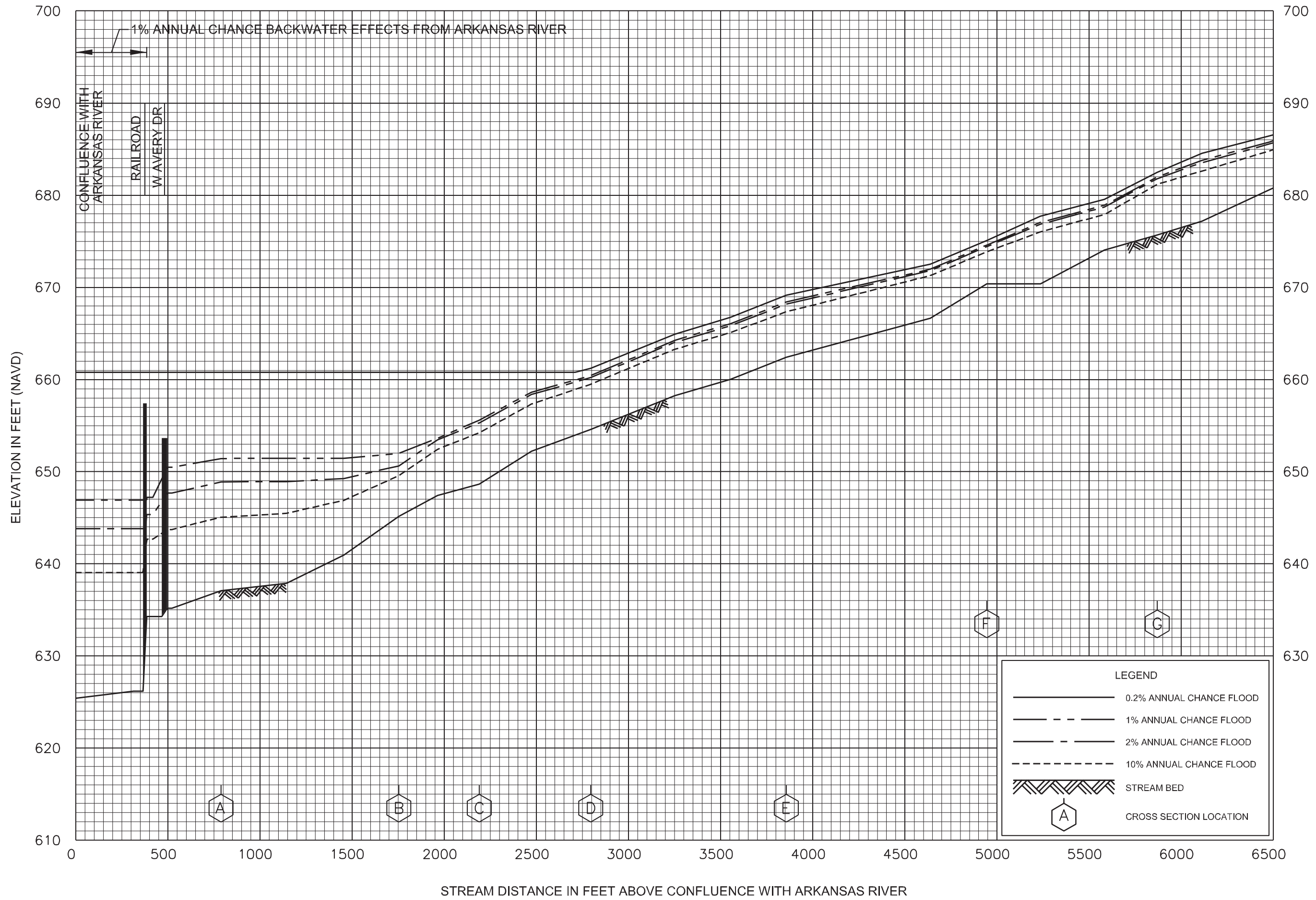
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- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES

RED FORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

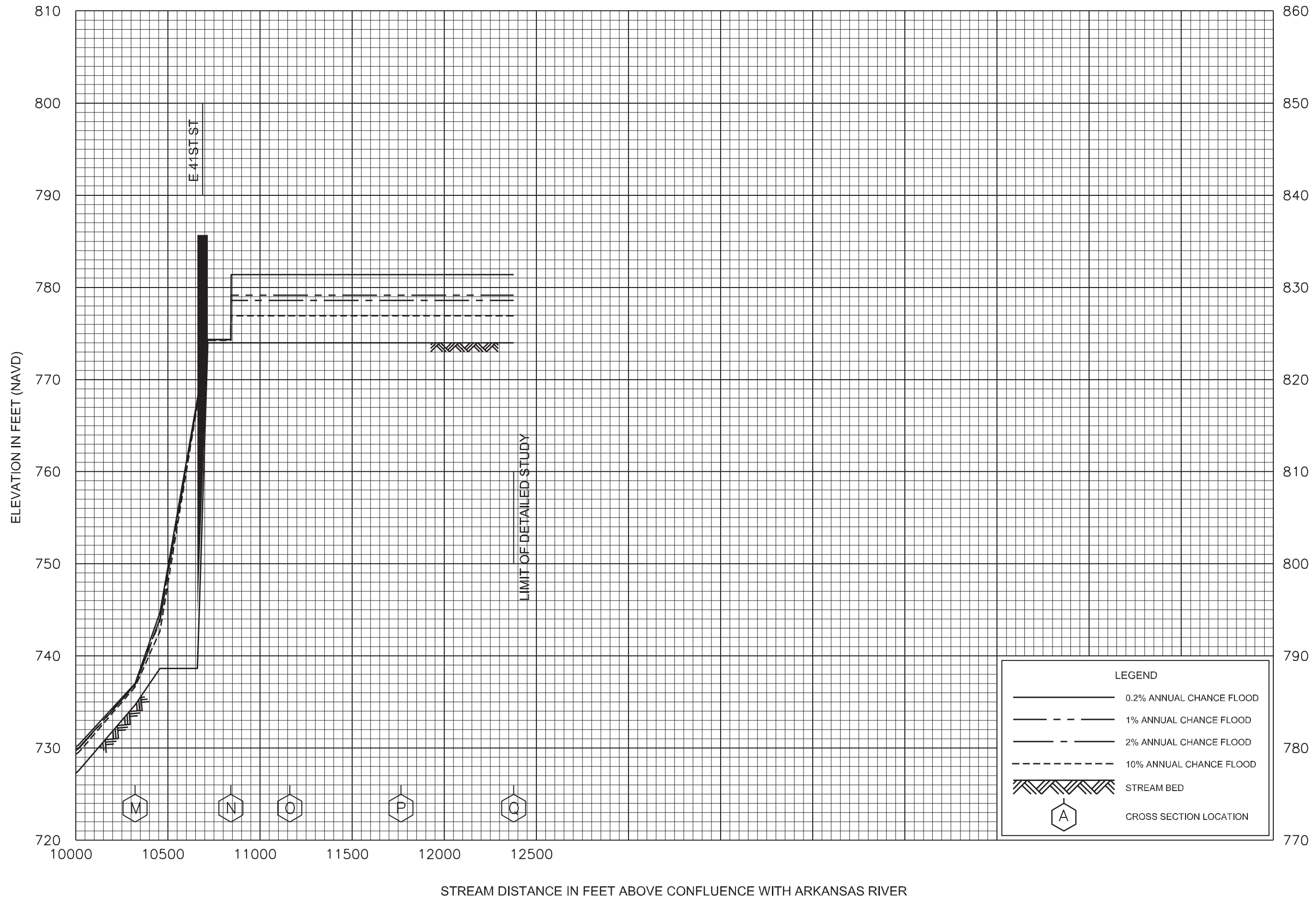
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
 REDFORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 TULSA COUNTY, OK  
 AND INCORPORATED AREAS



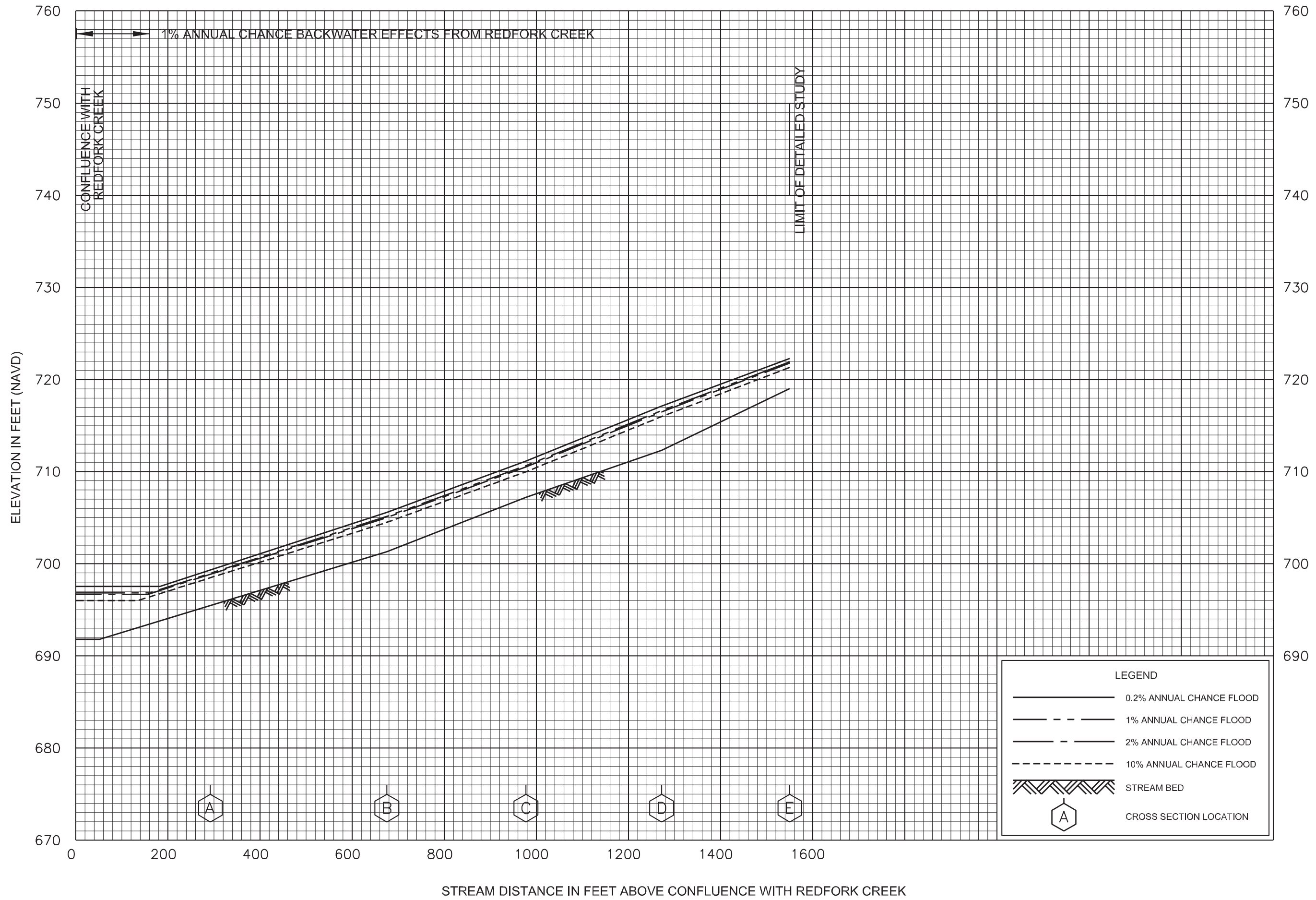


FLOOD PROFILES

REDFORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

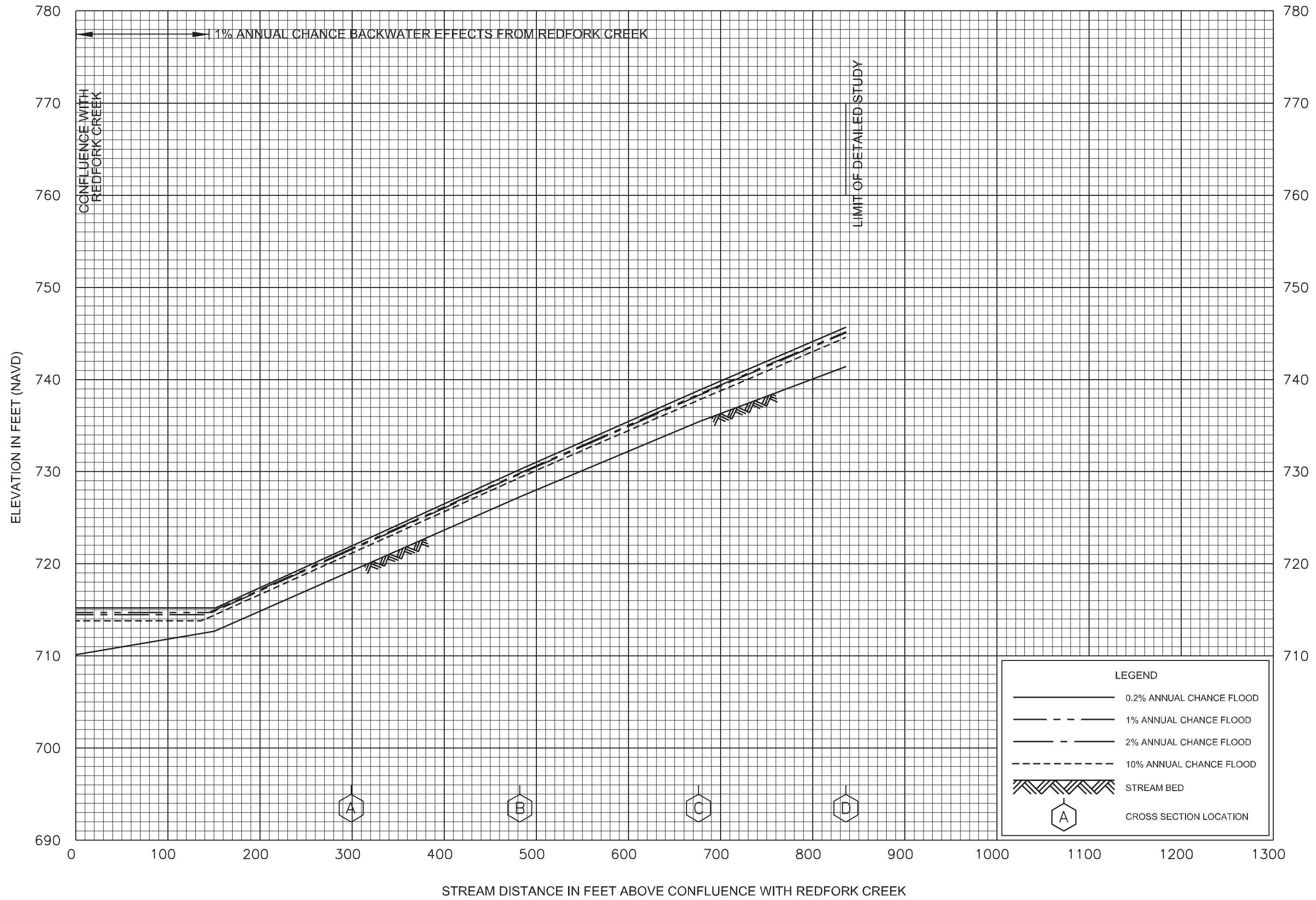


FLOOD PROFILES

REDFORK CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



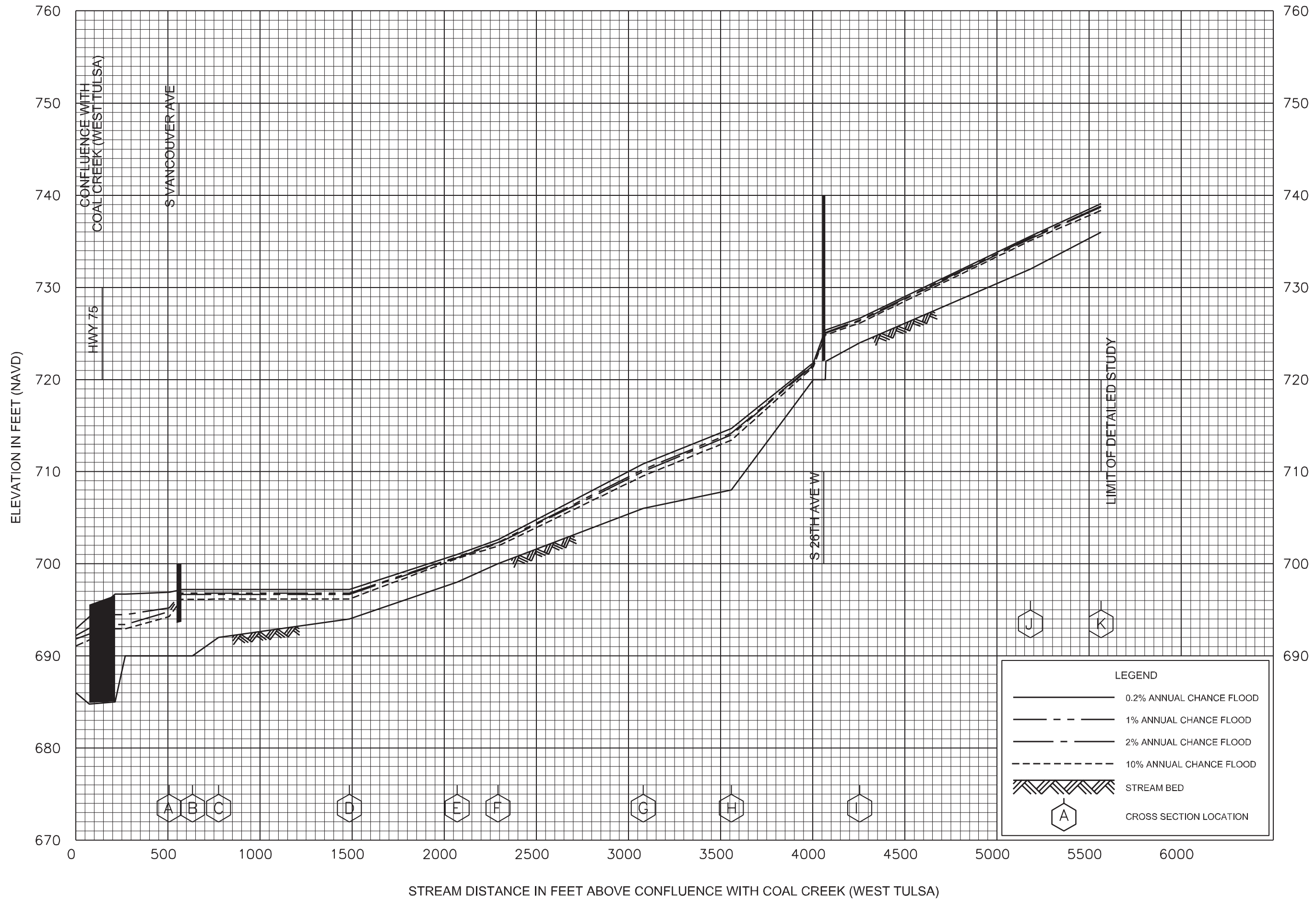
FLOOD PROFILES

REDFORK CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



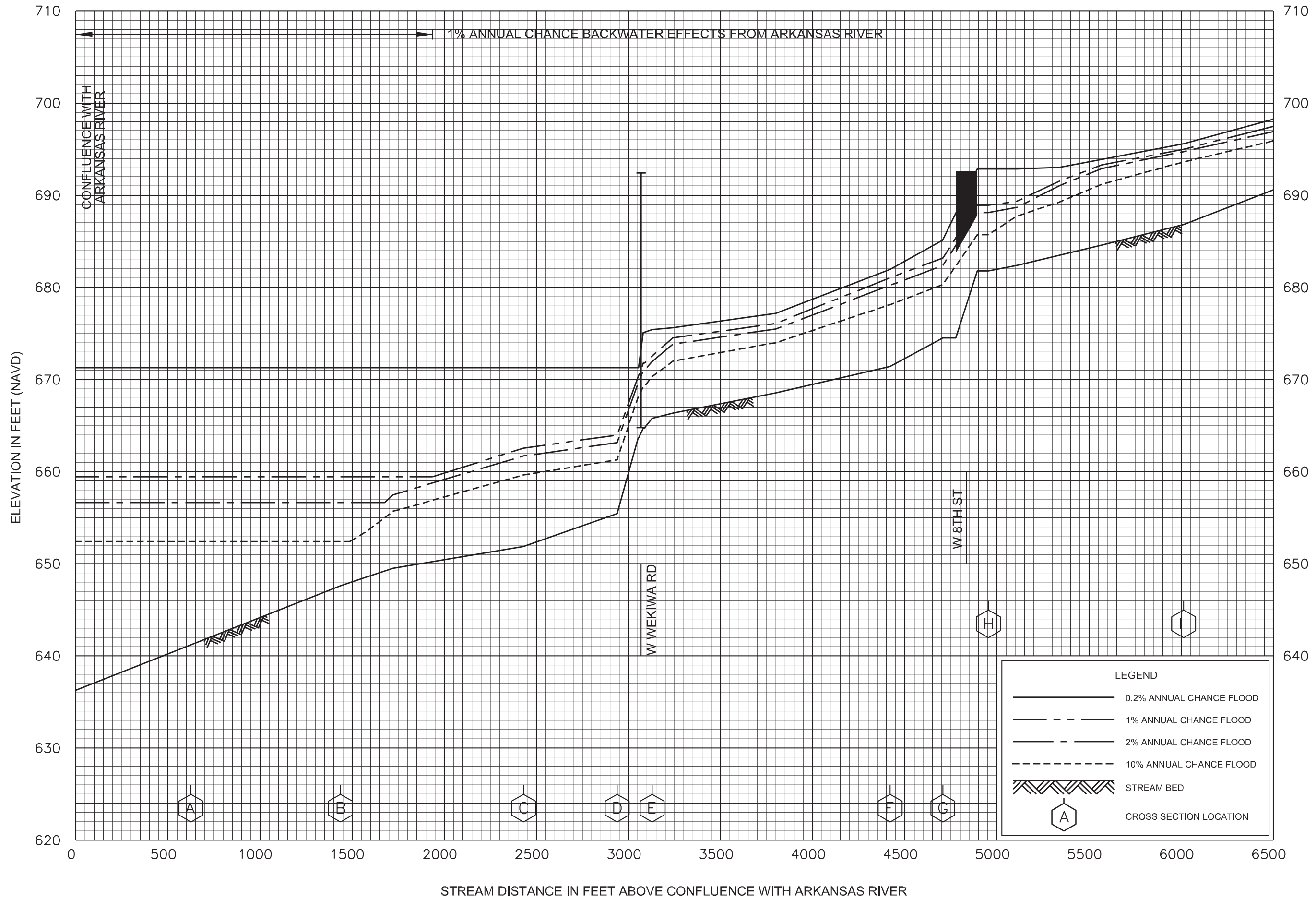


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	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES  
ROLLING MEADOWS CREEK

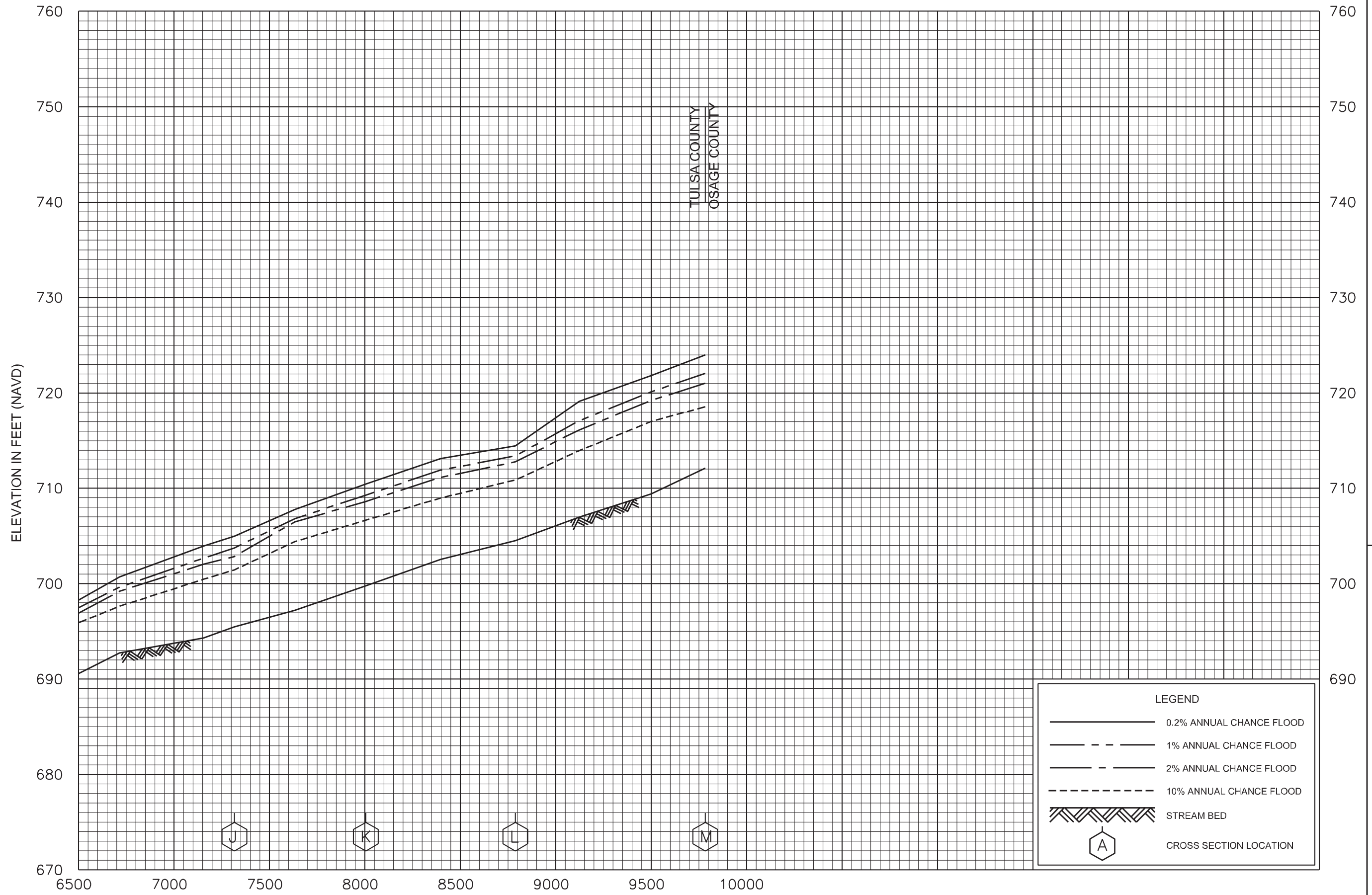
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FLOOD PROFILES  
SAND CREEK

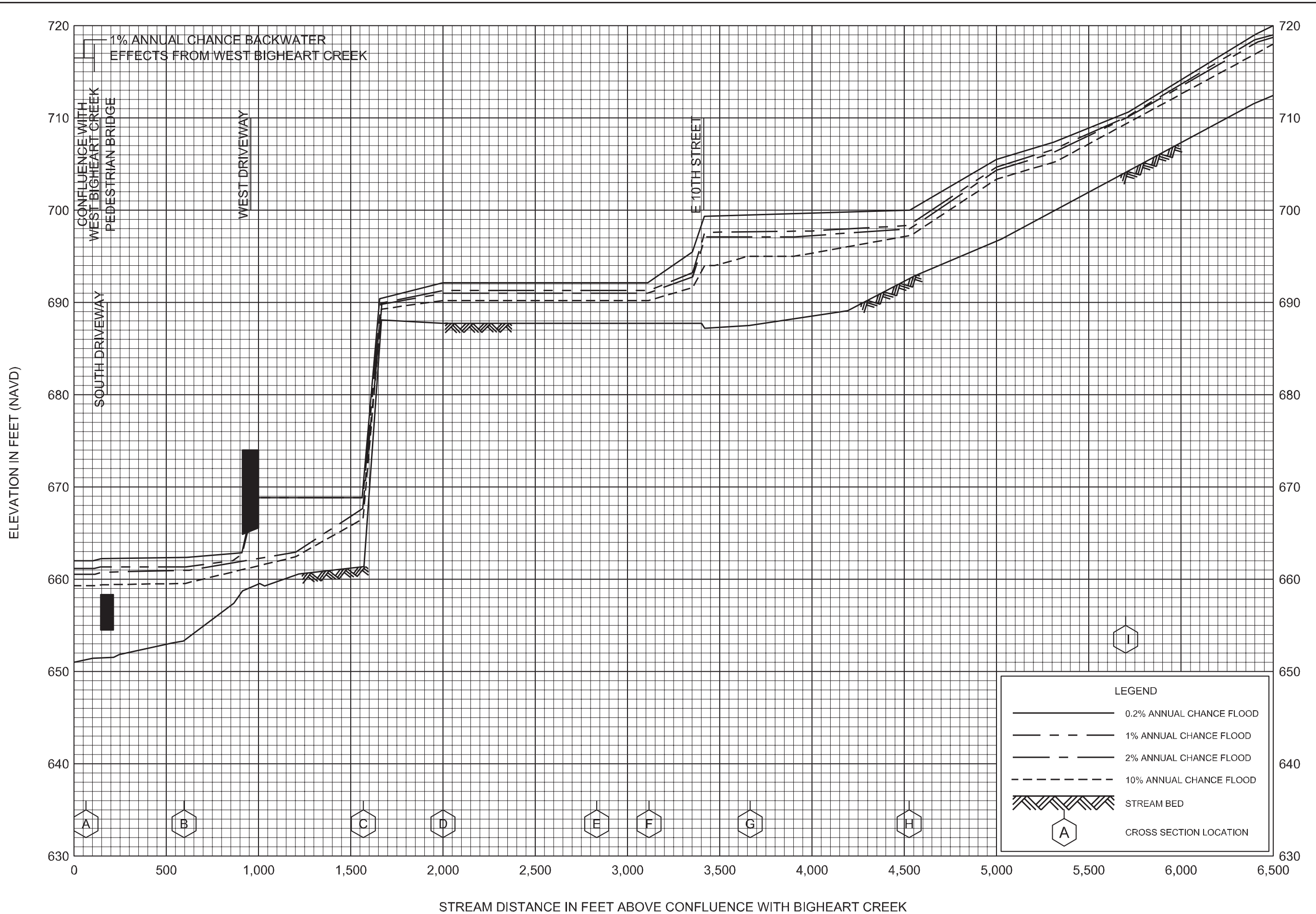
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AND INCORPORATED AREAS



FLOOD PROFILES  
SAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

LEGEND	
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	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

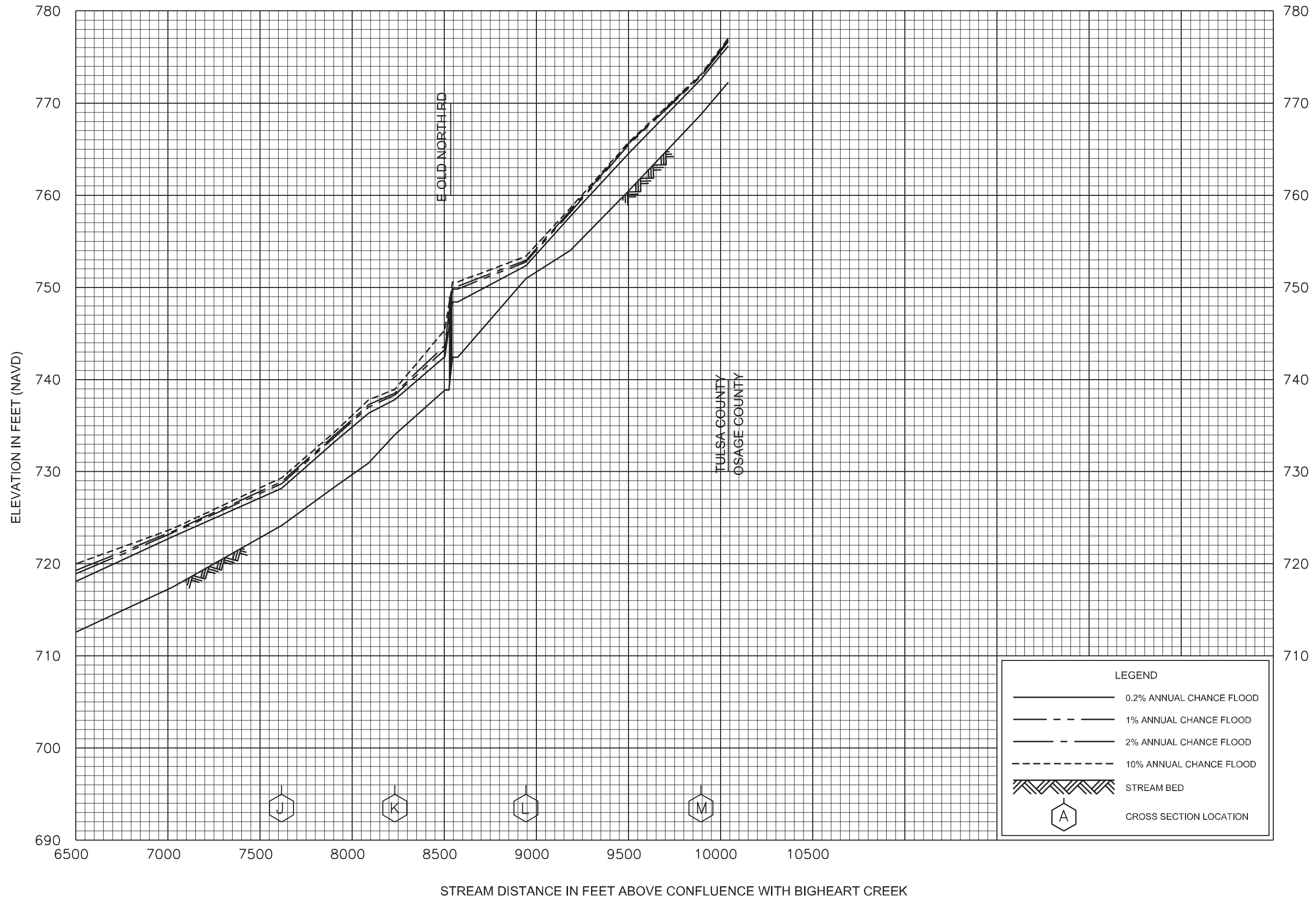


FLOOD PROFILES

SAND SPRINGS LAKE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

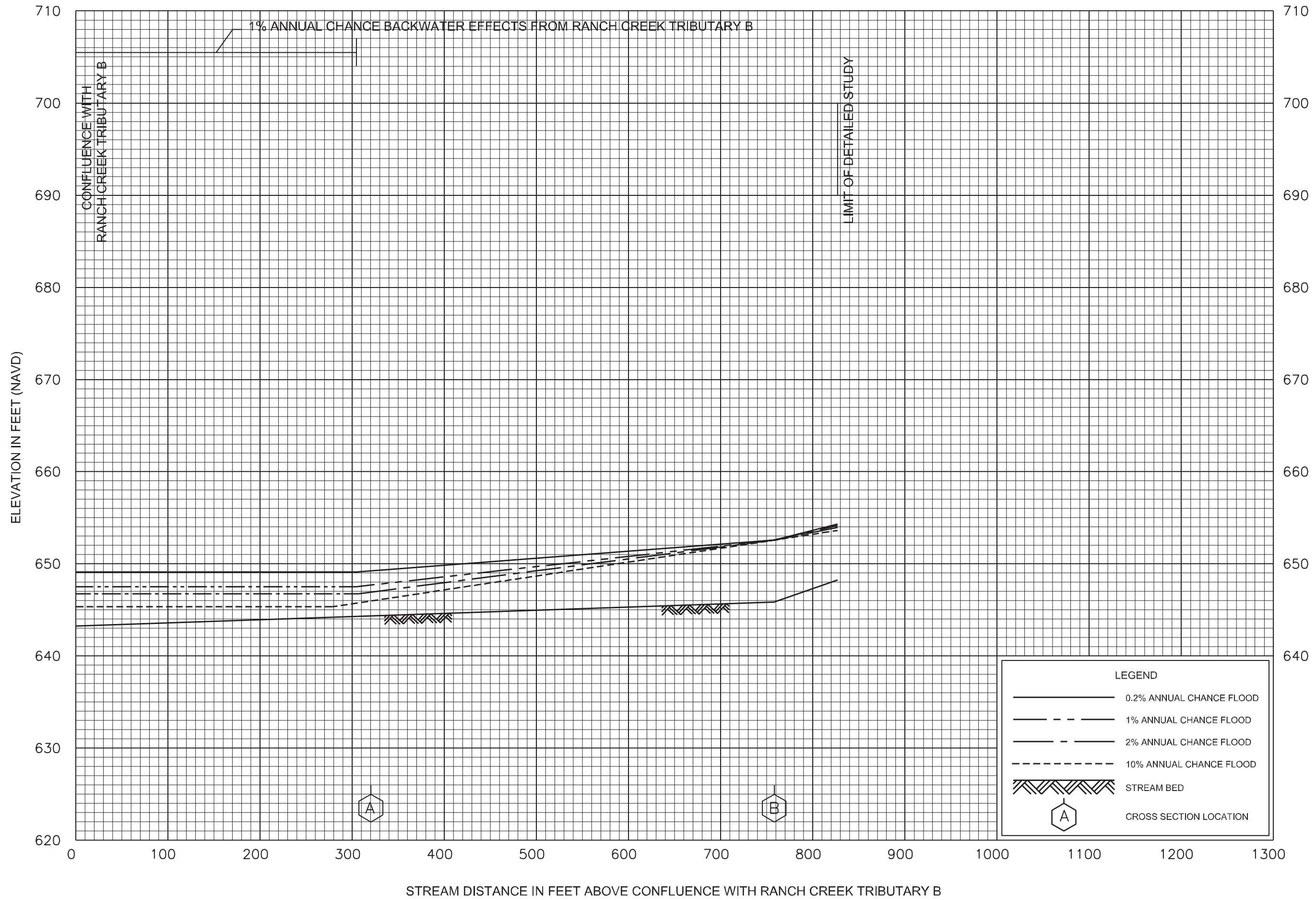
TULSA COUNTY, OK  
AND INCORPORATED AREAS



LEGEND	
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	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES  
SAND SPRINGS LAKE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



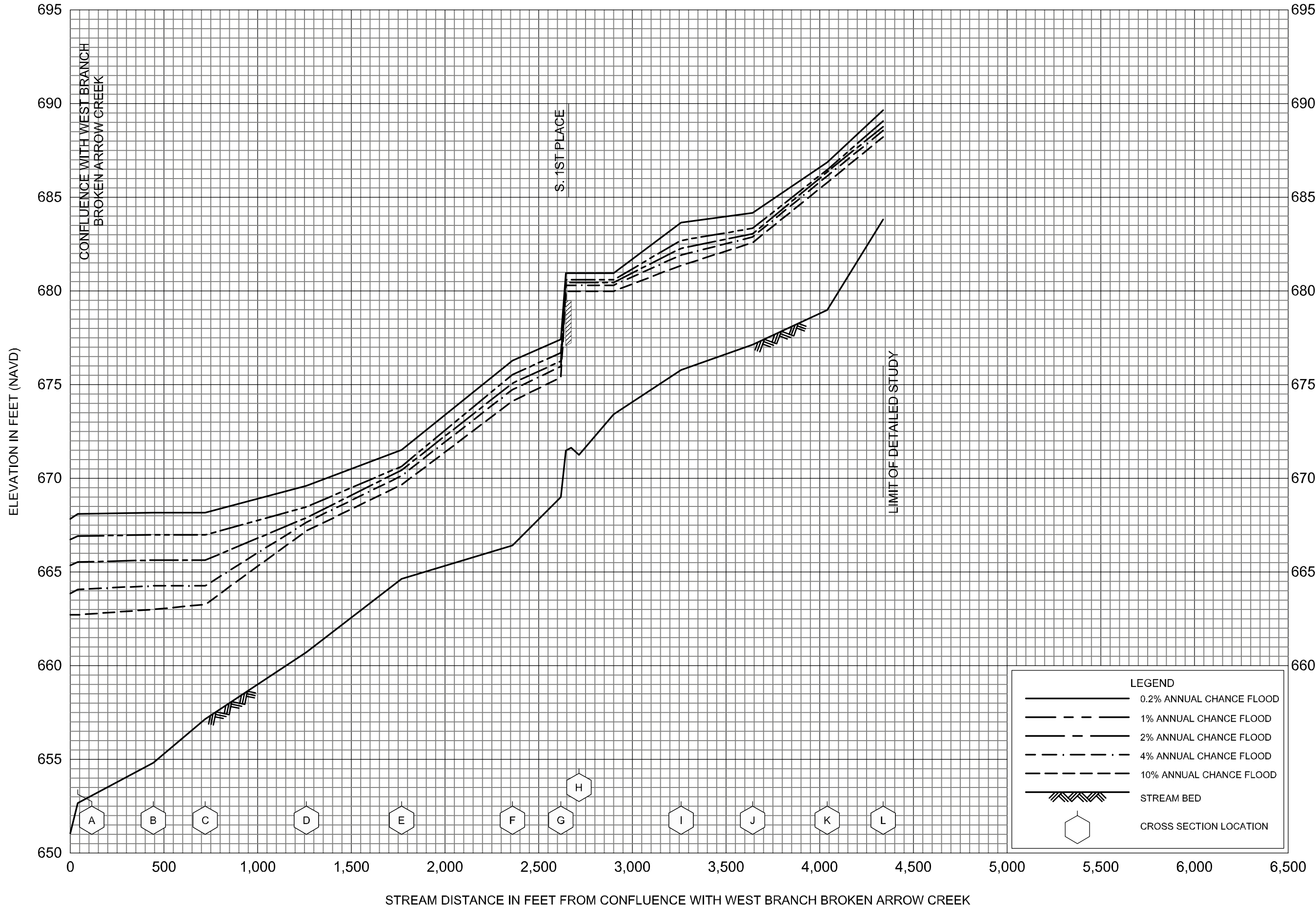
FLOOD PROFILES

SAWGRASS TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

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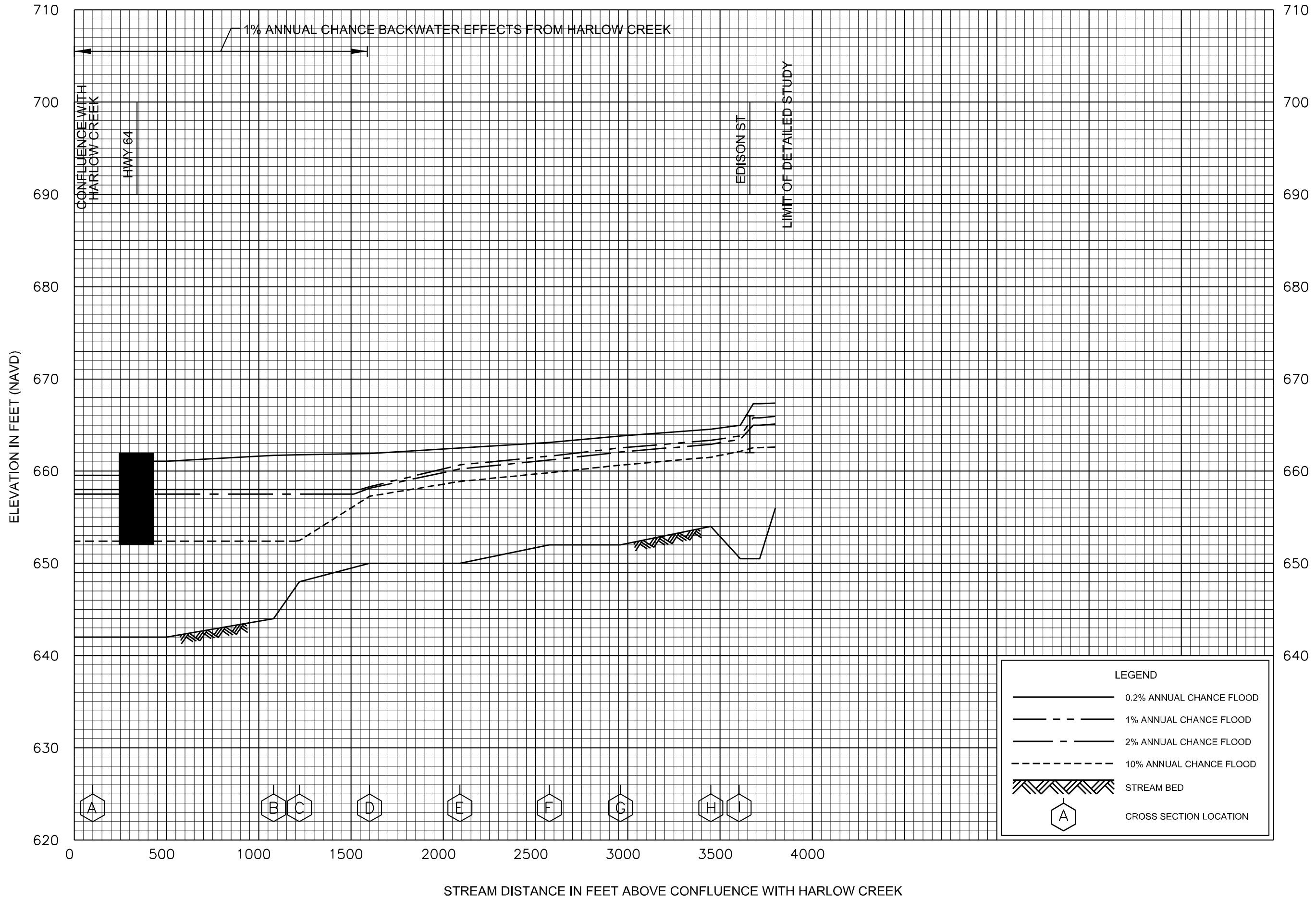
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STREAM DISTANCE IN FEET FROM CONFLUENCE WITH WEST BRANCH BROKEN ARROW CREEK

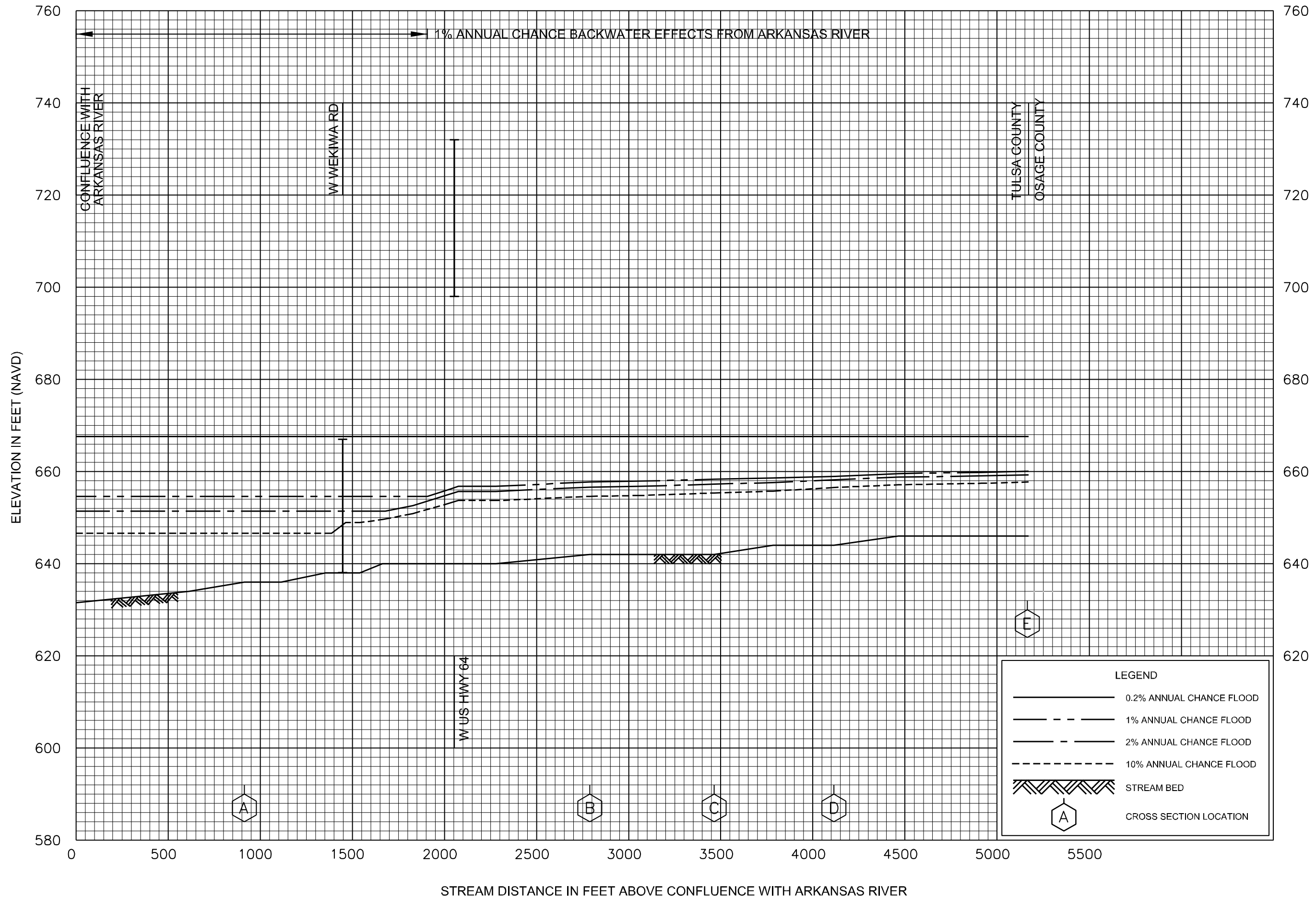
**FLOOD PROFILES  
SEQUOYAH CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
AND INCORPORATED AREAS



FLOOD PROFILES  
SHADY GROVE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



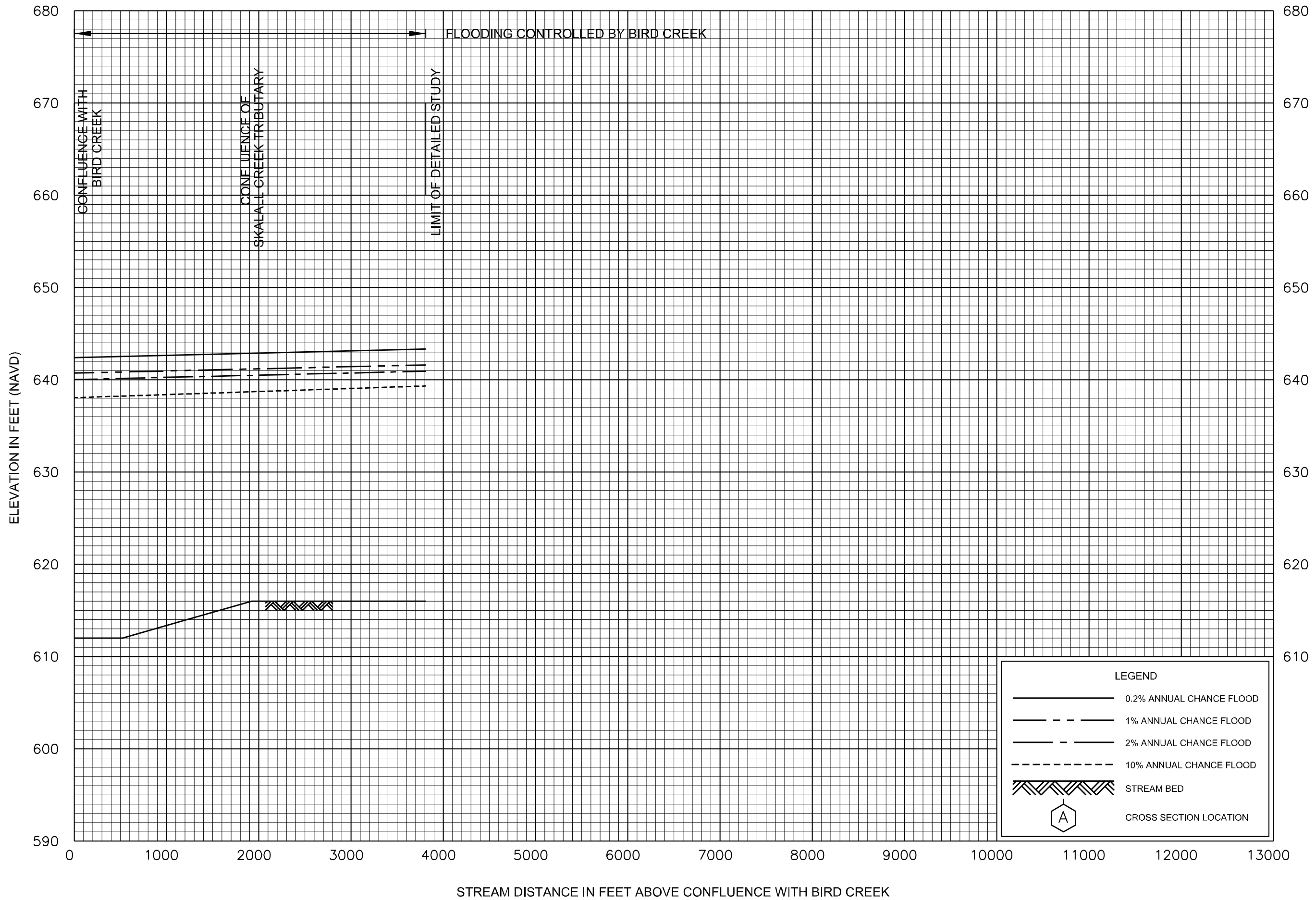
FLOOD PROFILES

SHELL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

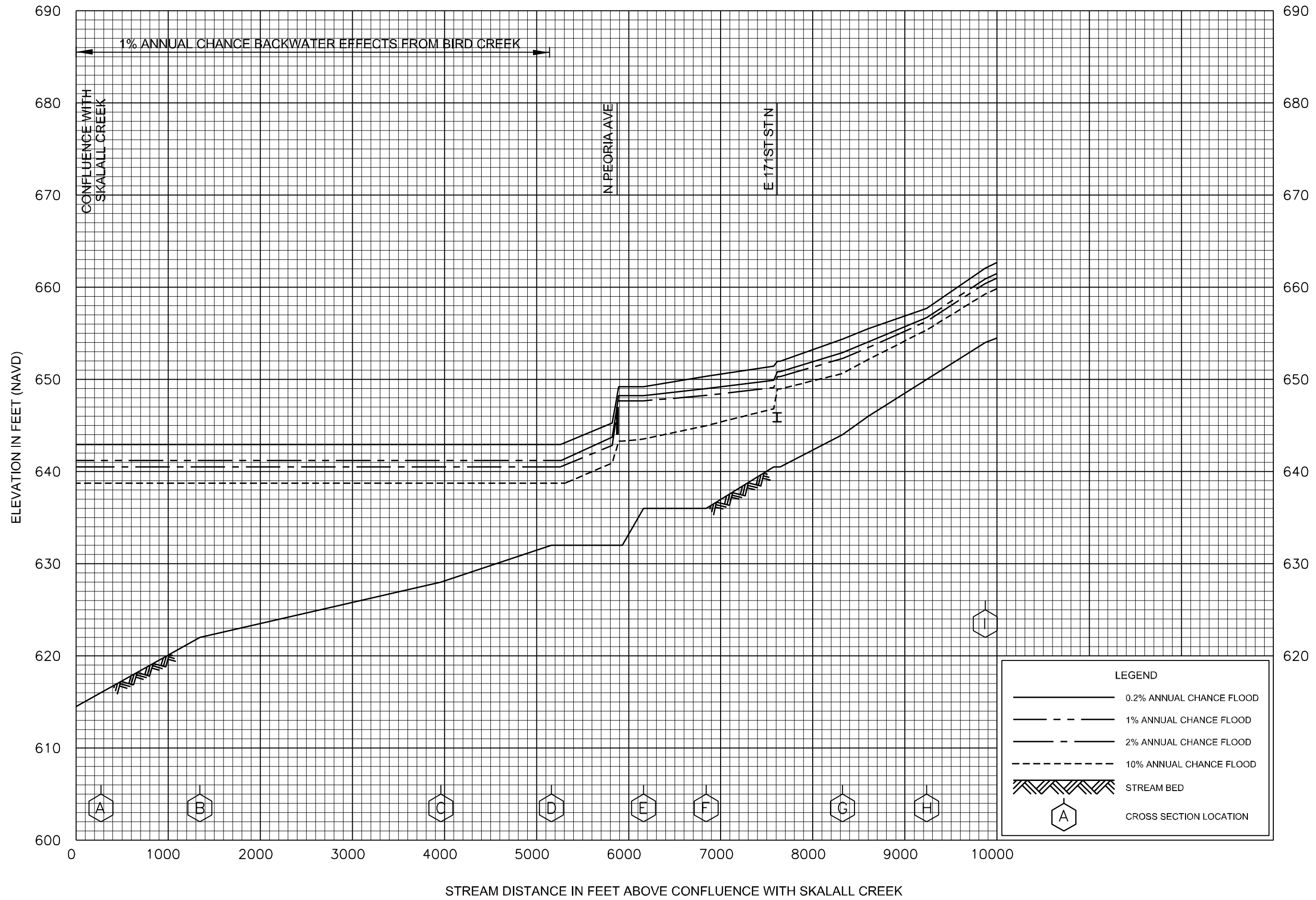
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AND INCORPORATED AREAS





FLOOD PROFILES  
SKALALL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

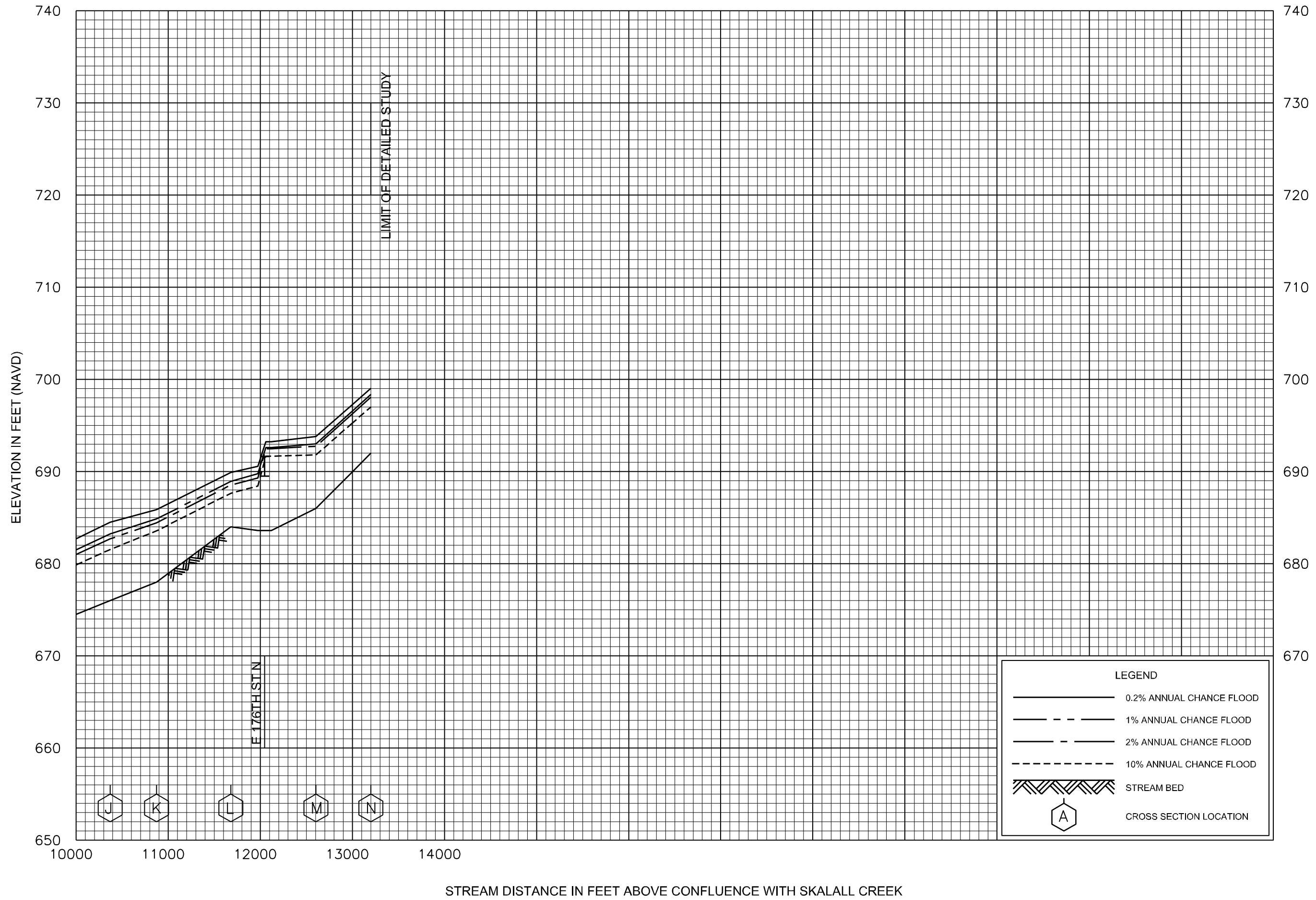


**LEGEND**

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

FLOOD PROFILES  
SKALALL CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



**LEGEND**

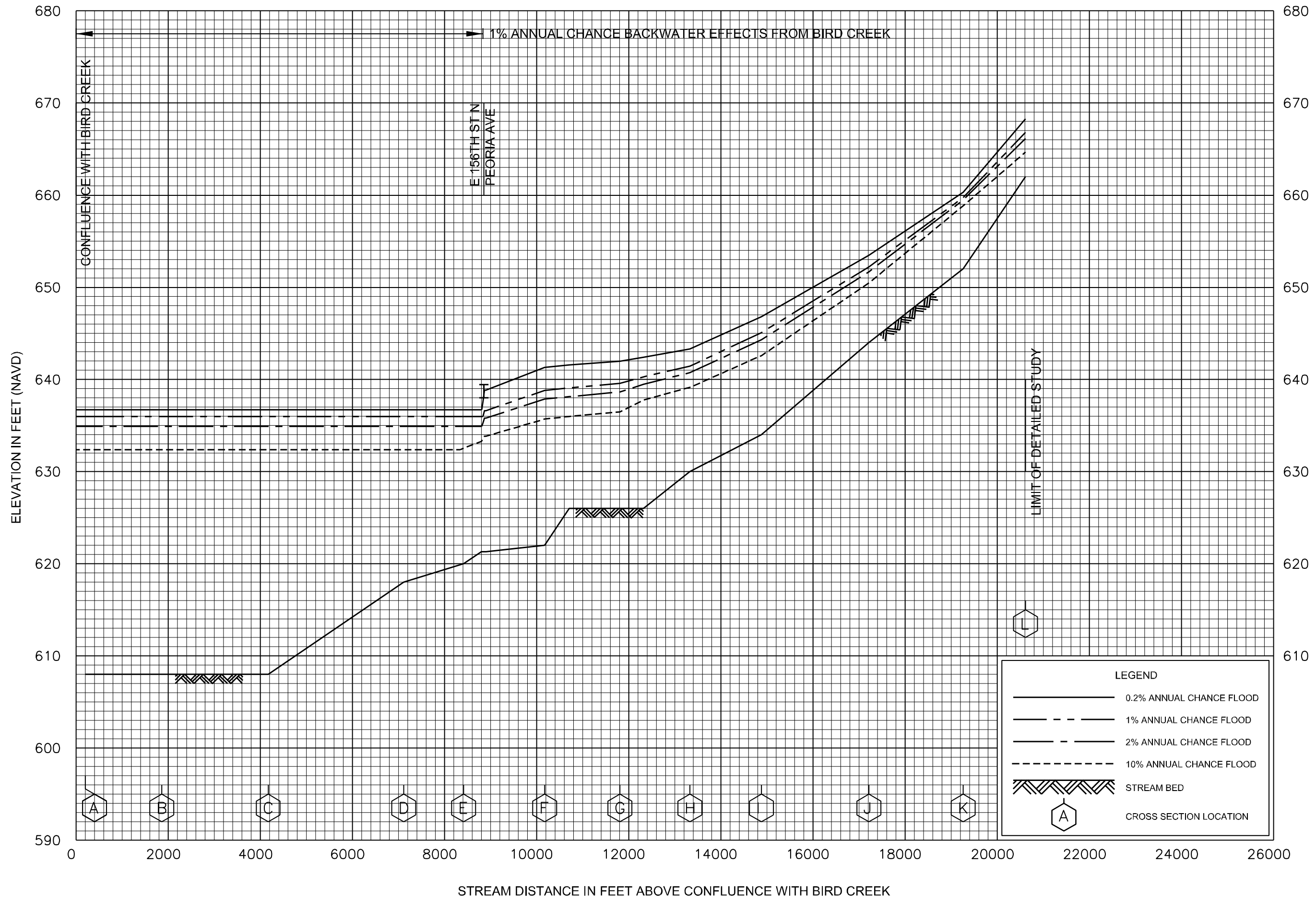
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- · - 2% ANNUAL CHANCE FLOOD
- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES

SKALALL CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

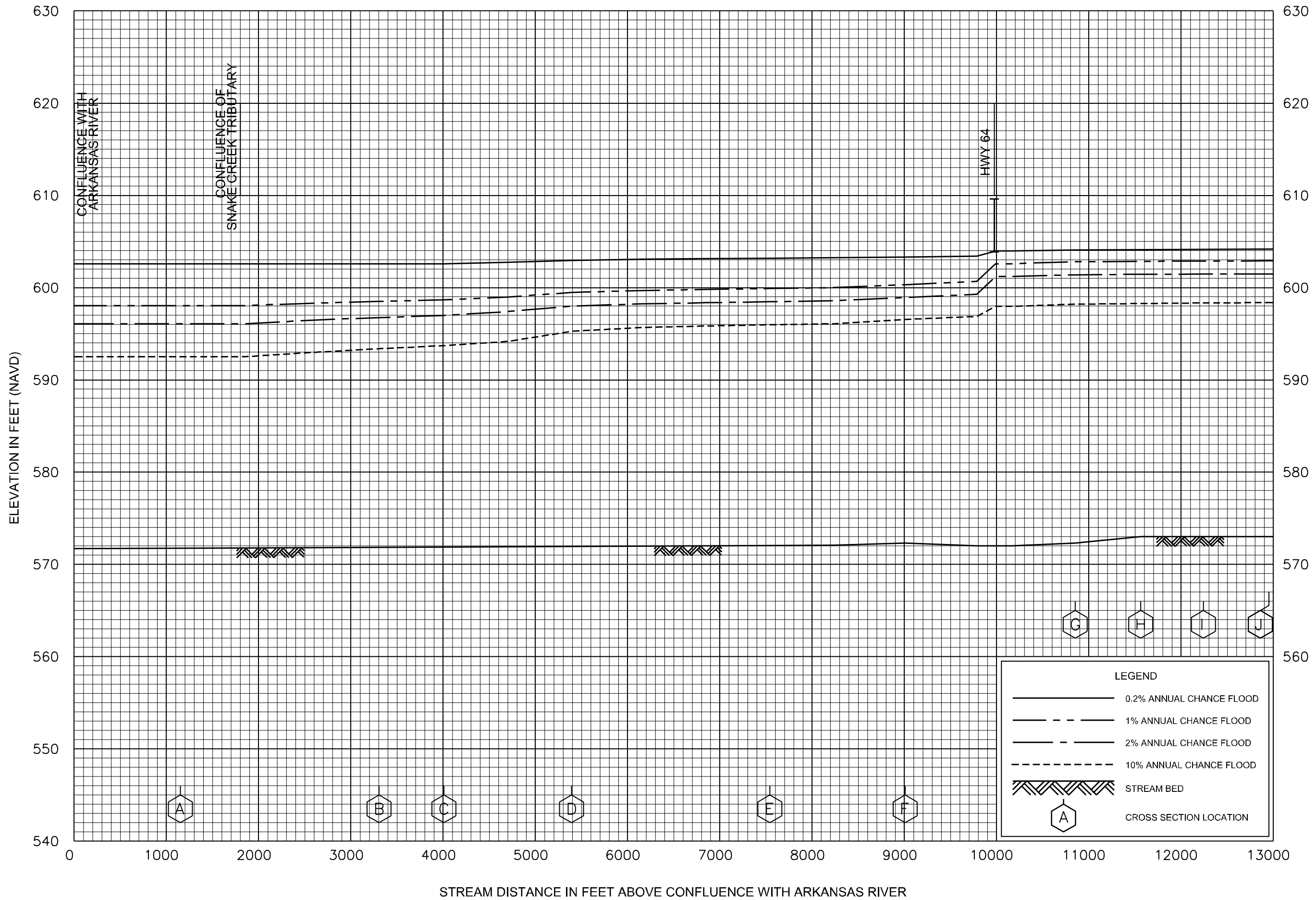


FLOOD PROFILES

SKUNK CREEK

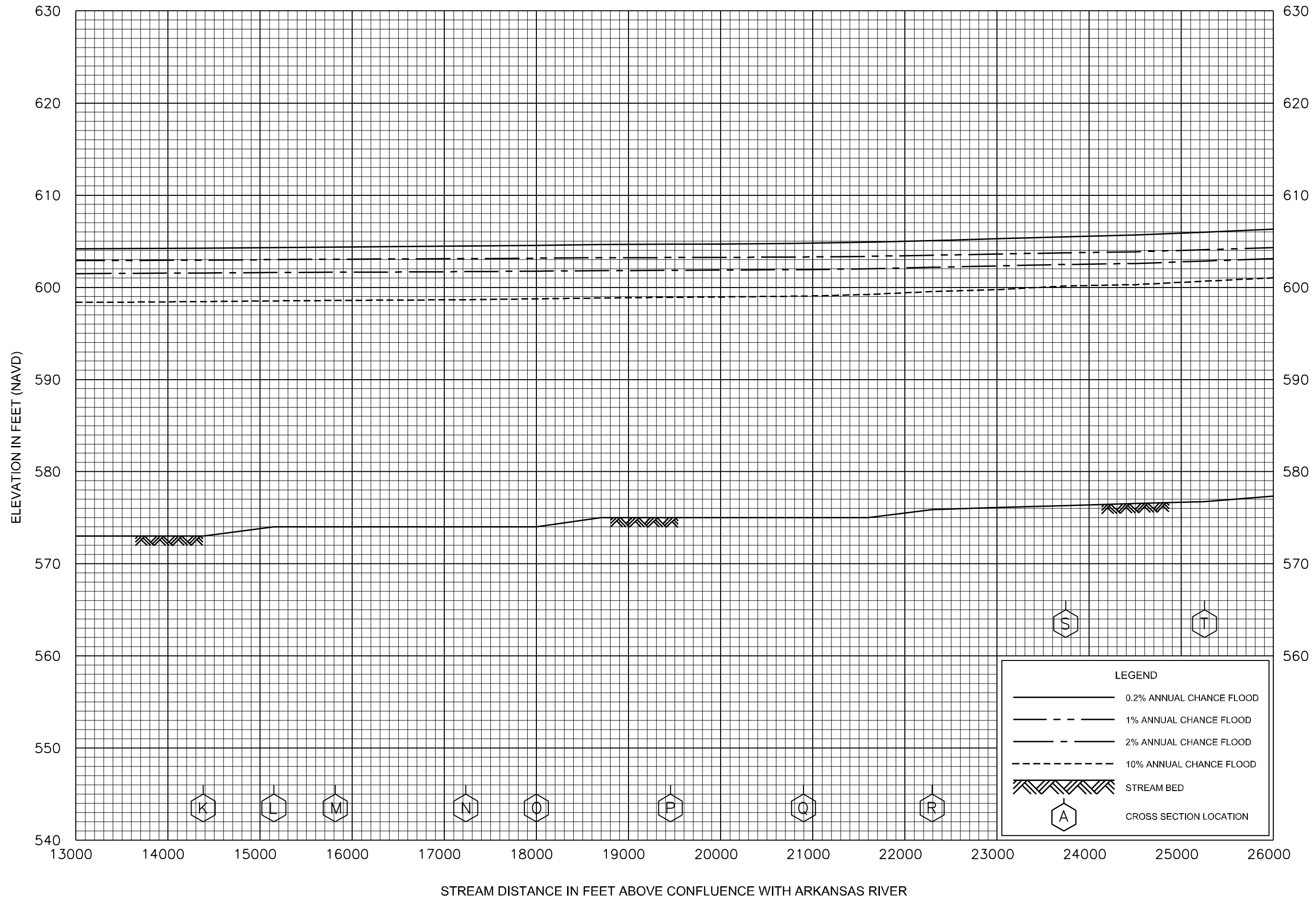
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
SNAKE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

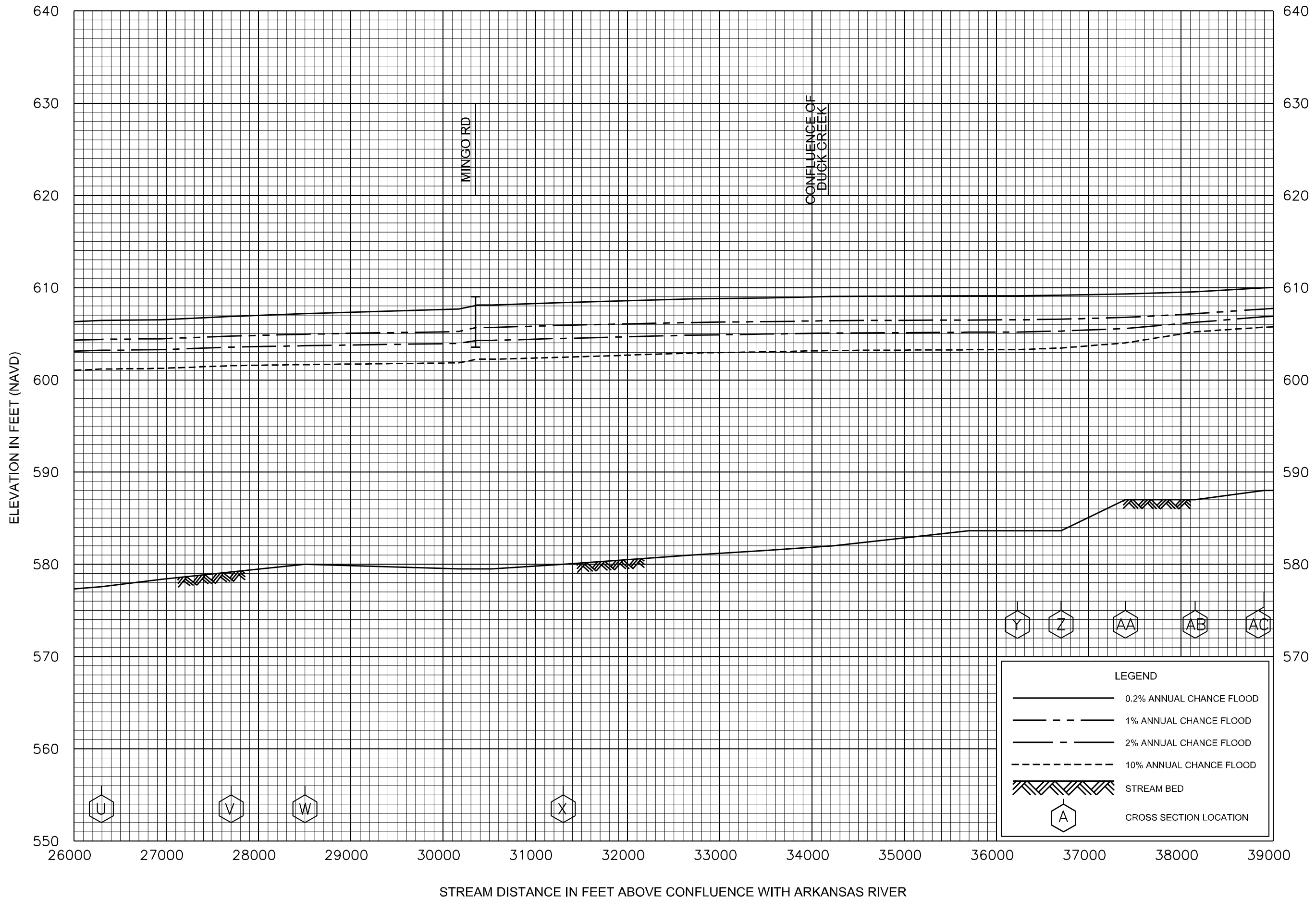


FLOOD PROFILES

SNAKE CREEK

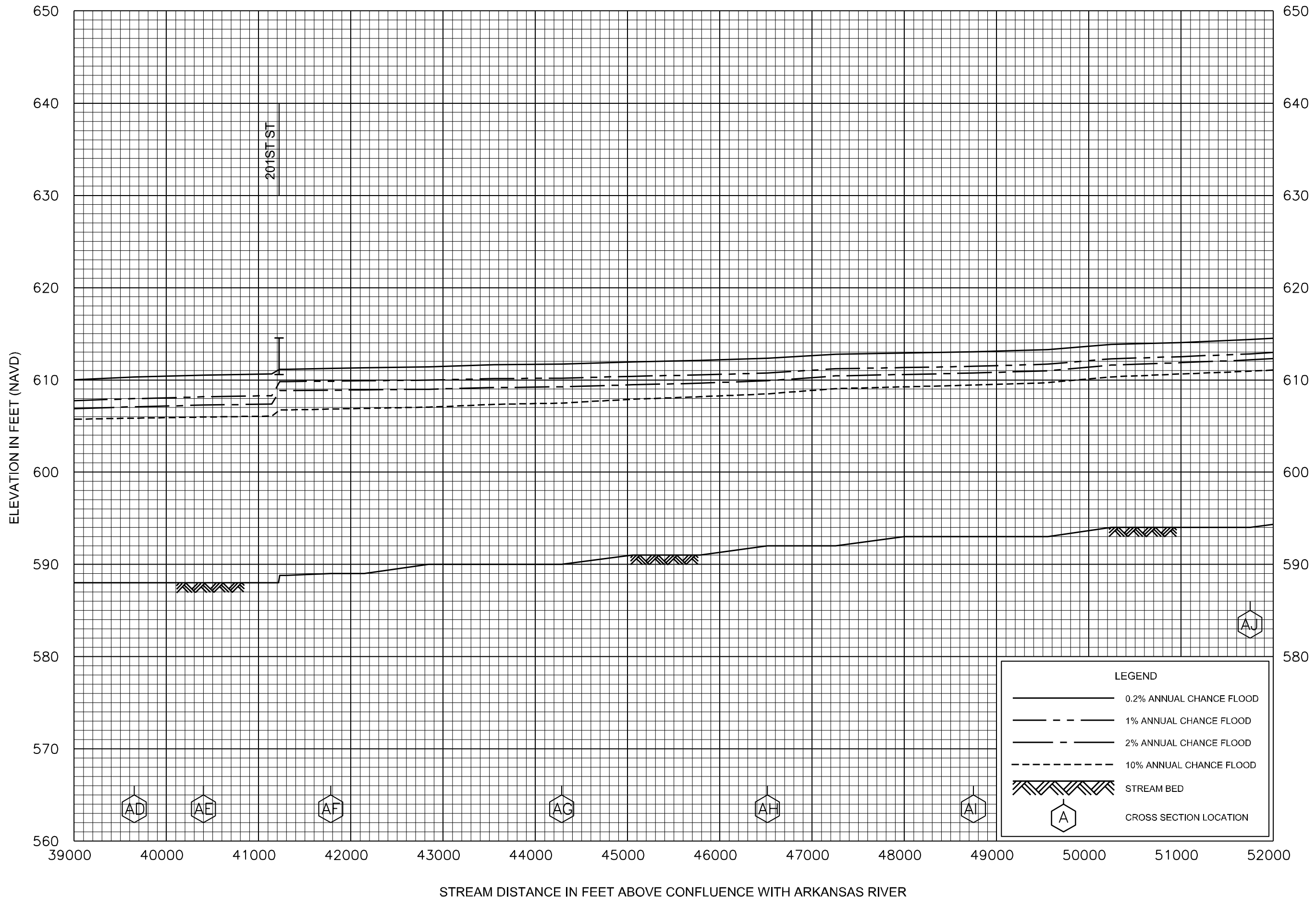
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
SNAKE CREEK

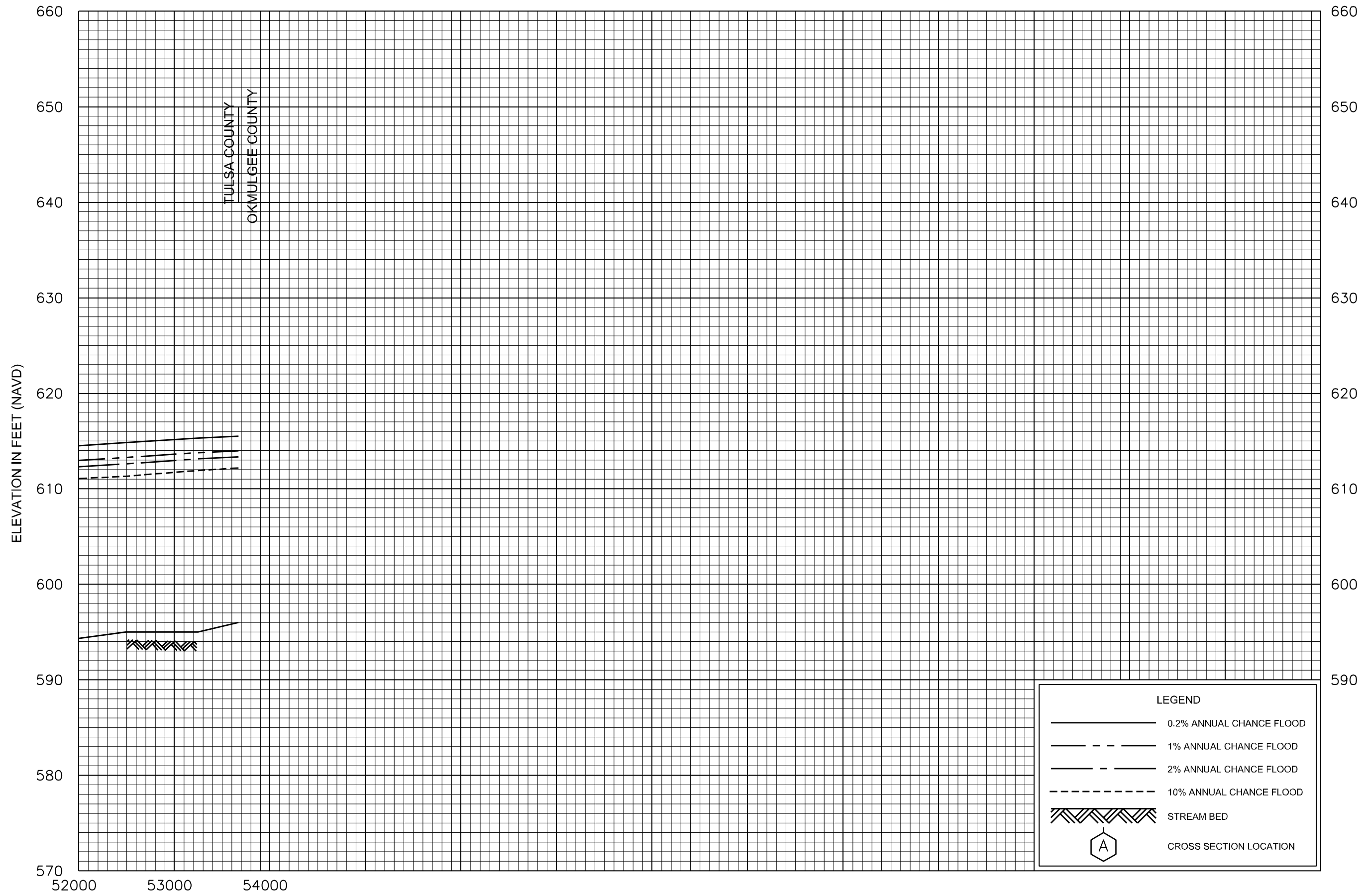
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TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
SNAKE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS





STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ARKANSAS RIVER

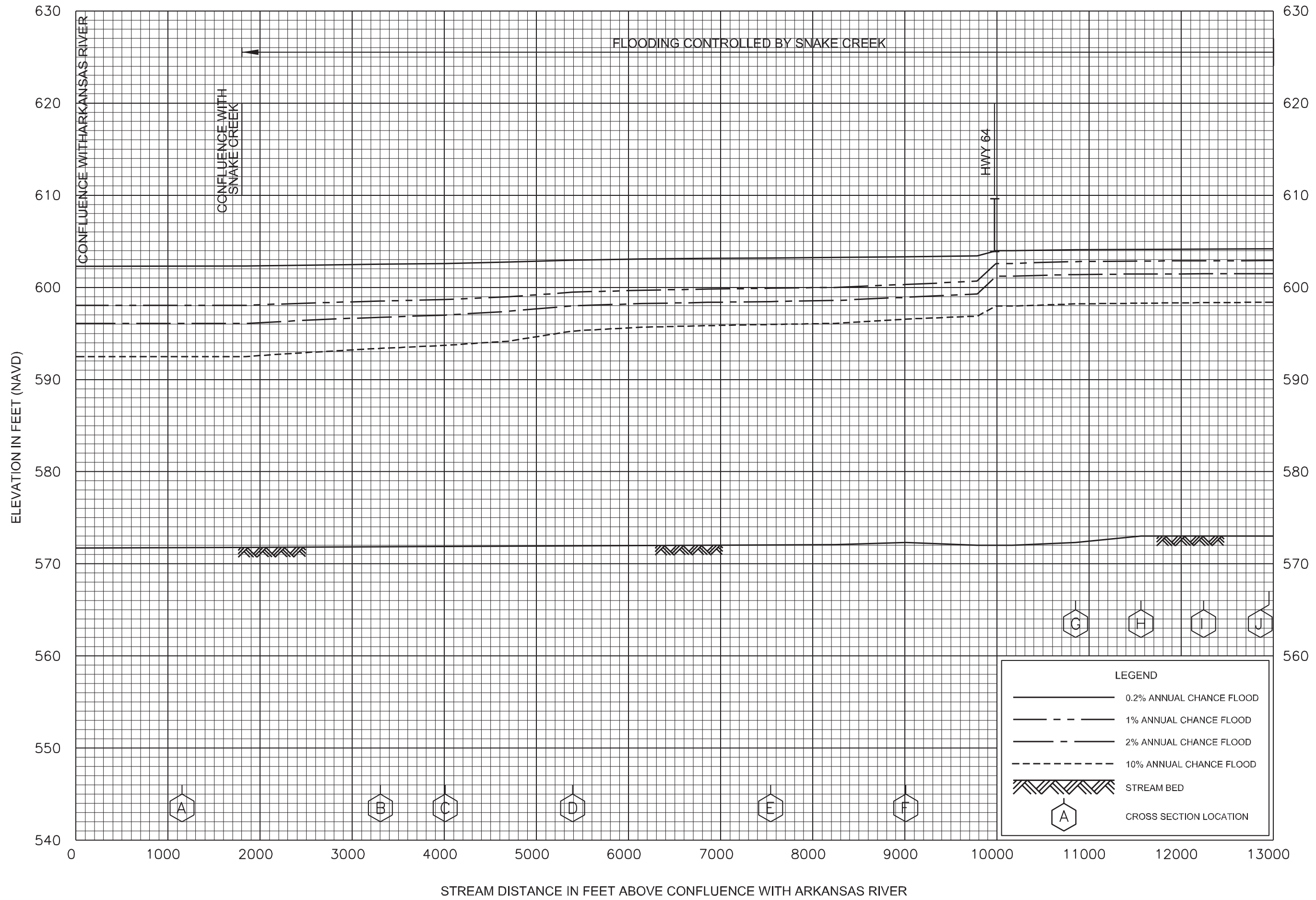
FLOOD PROFILES

SNAKE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

302P



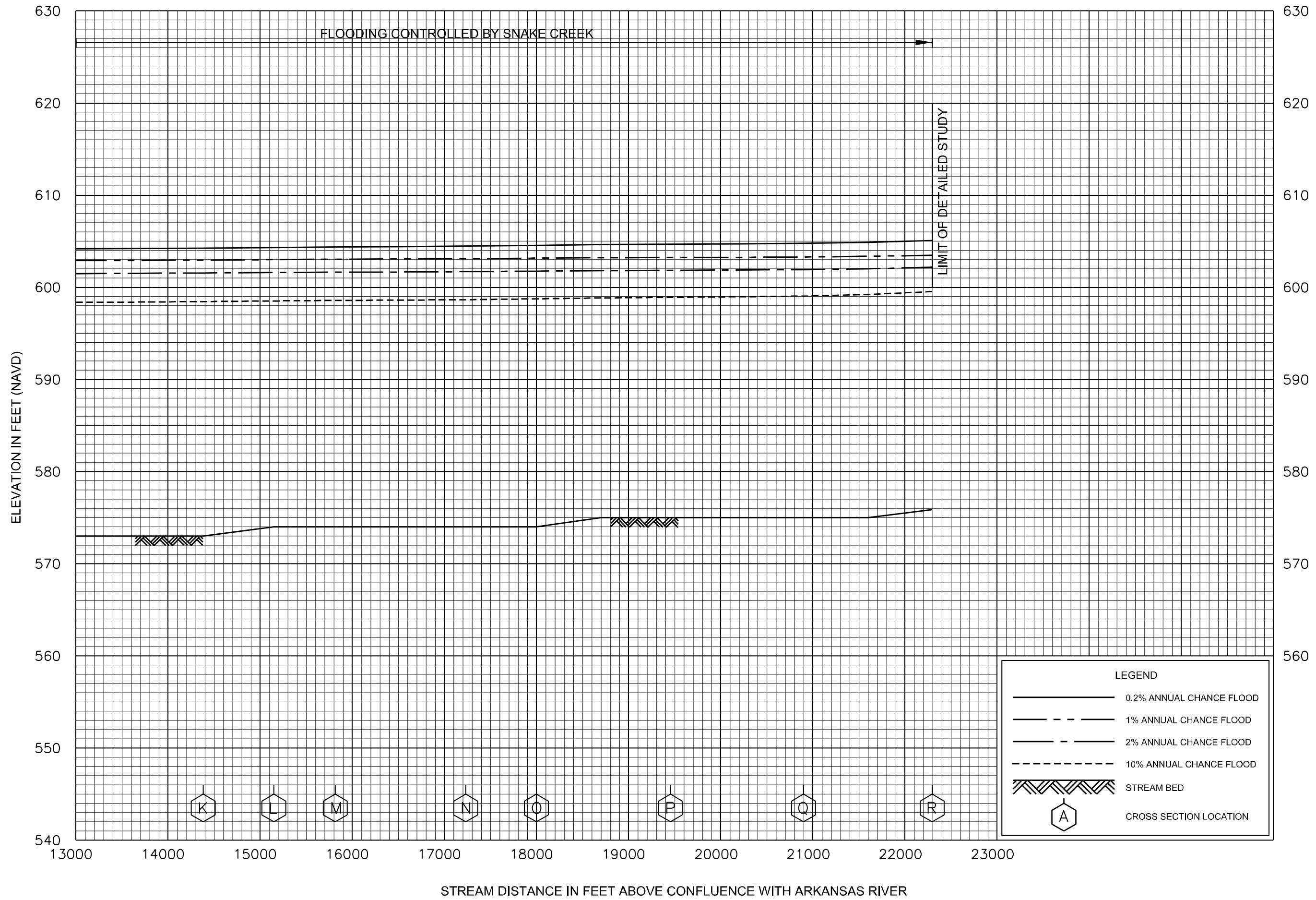
FLOOD PROFILES

SNAKE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

303P

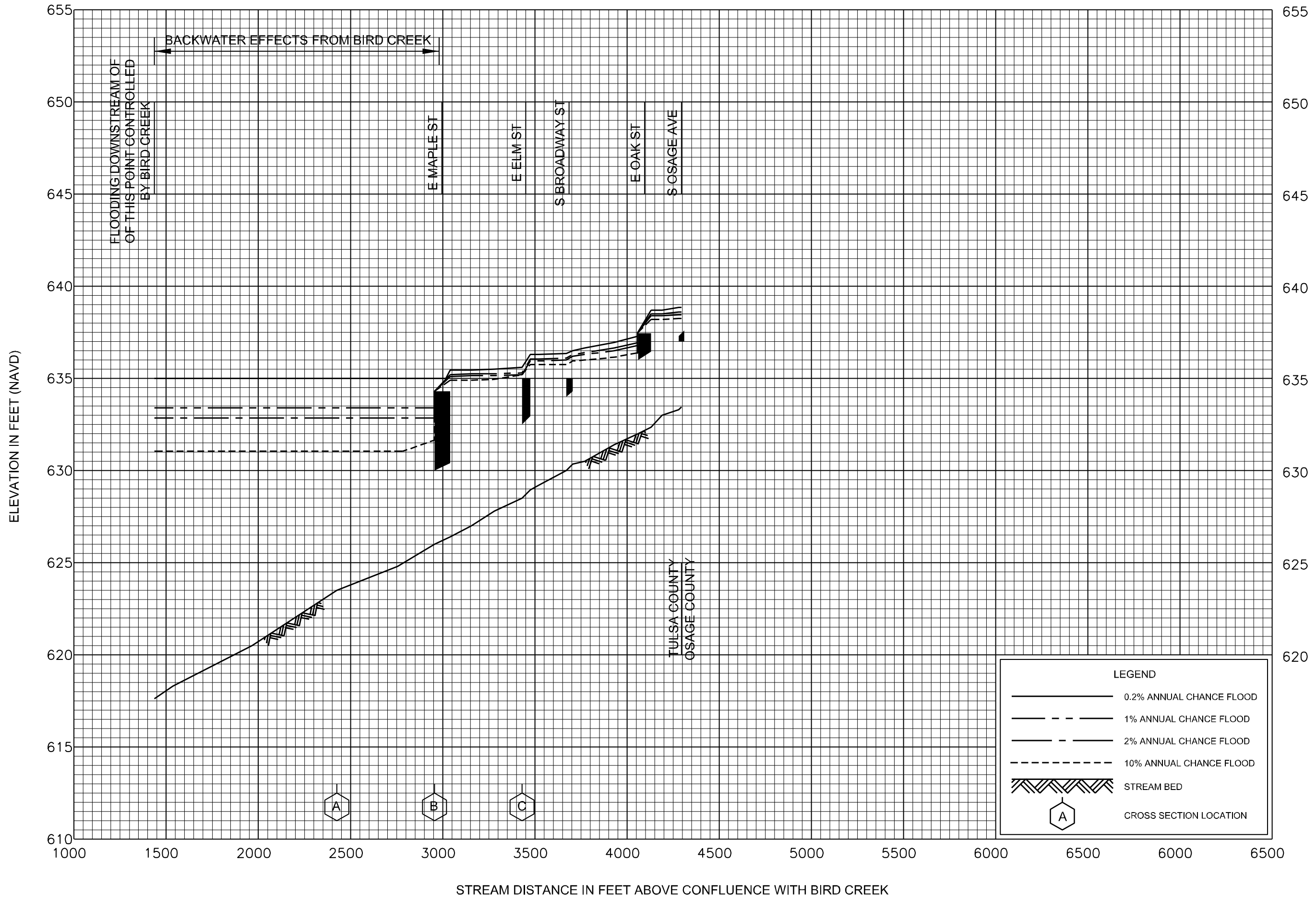


FLOOD PROFILES

SNAKE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

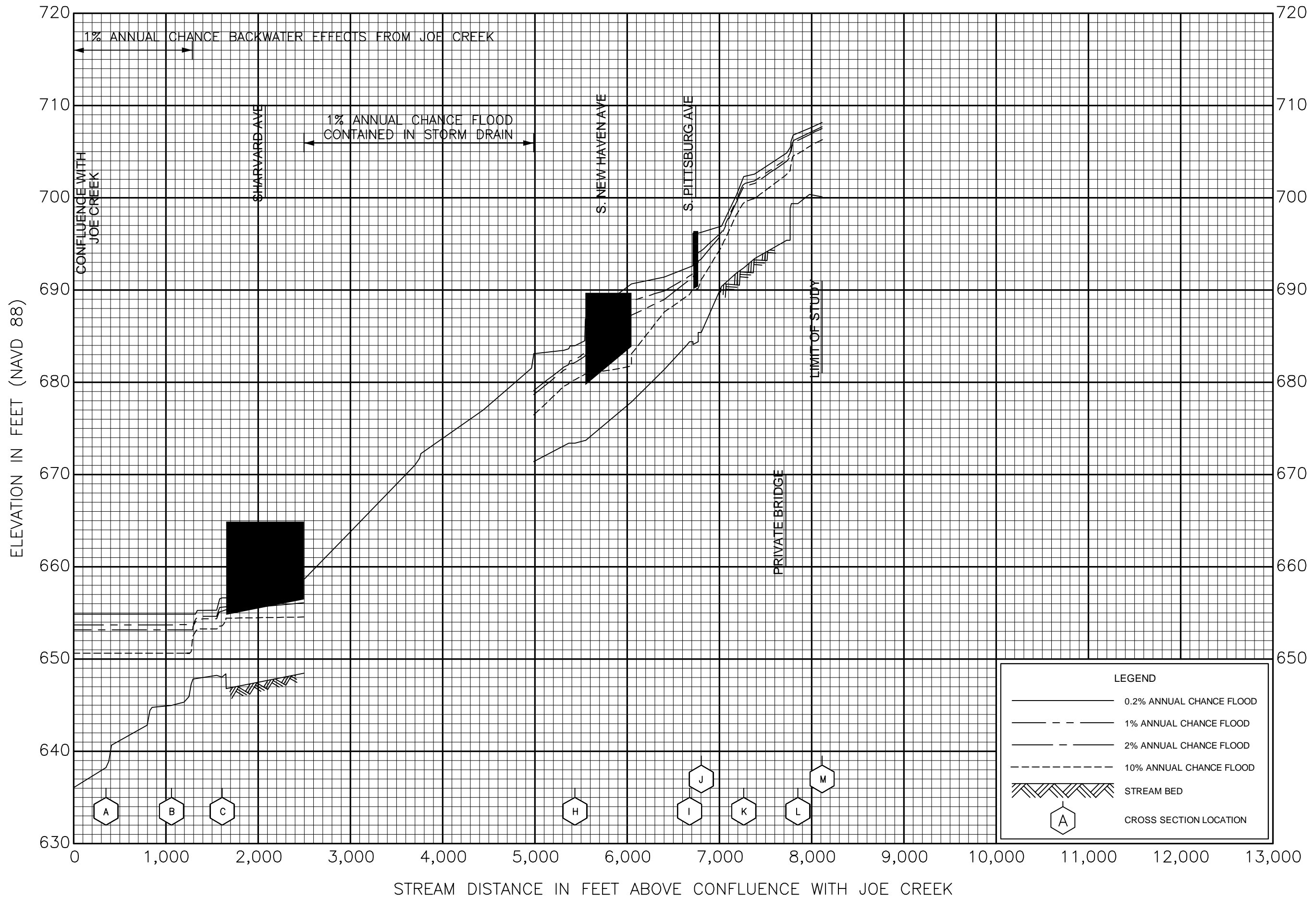


FLOOD PROFILES

SOUTH FORK HORSE CREEK

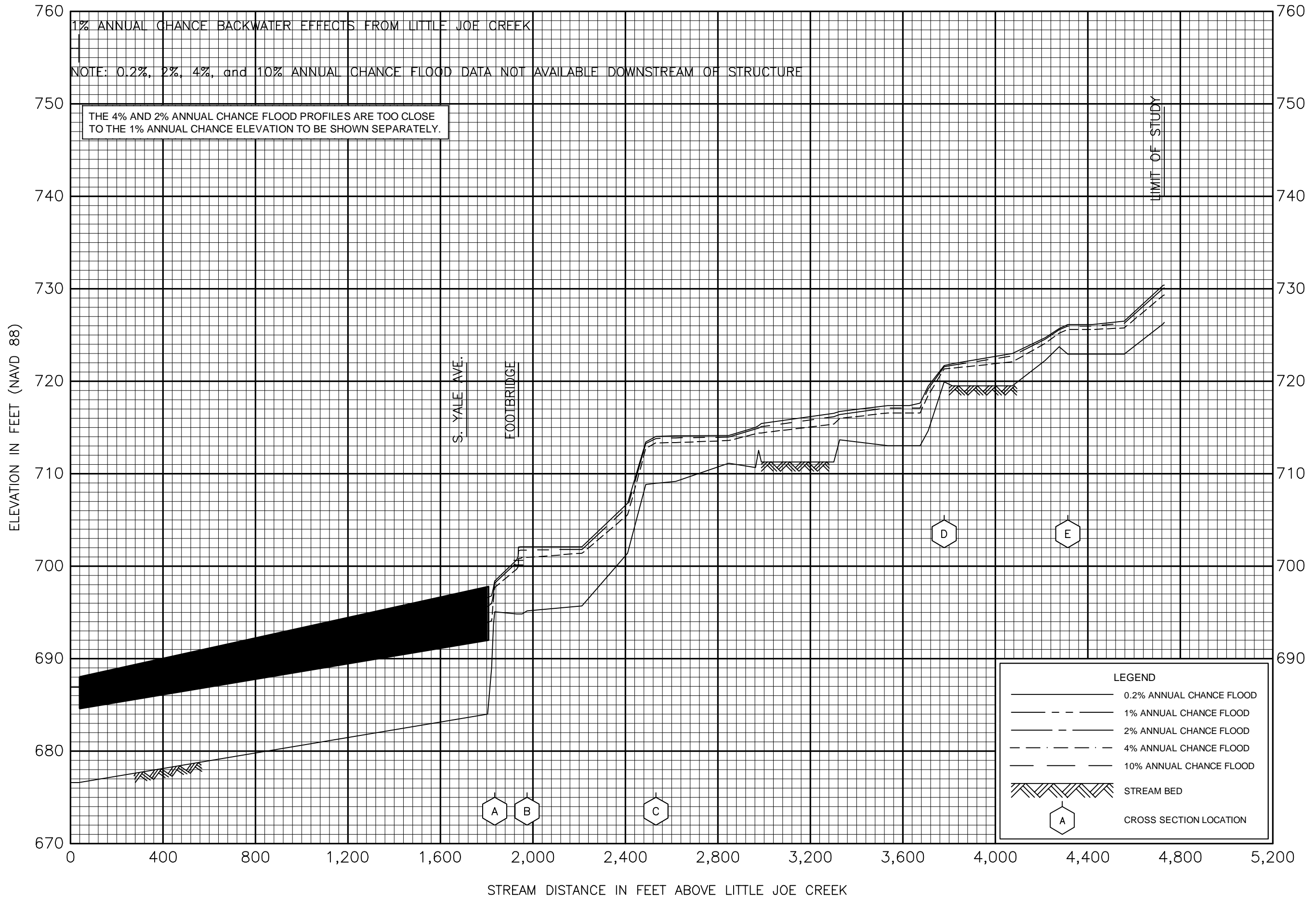
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



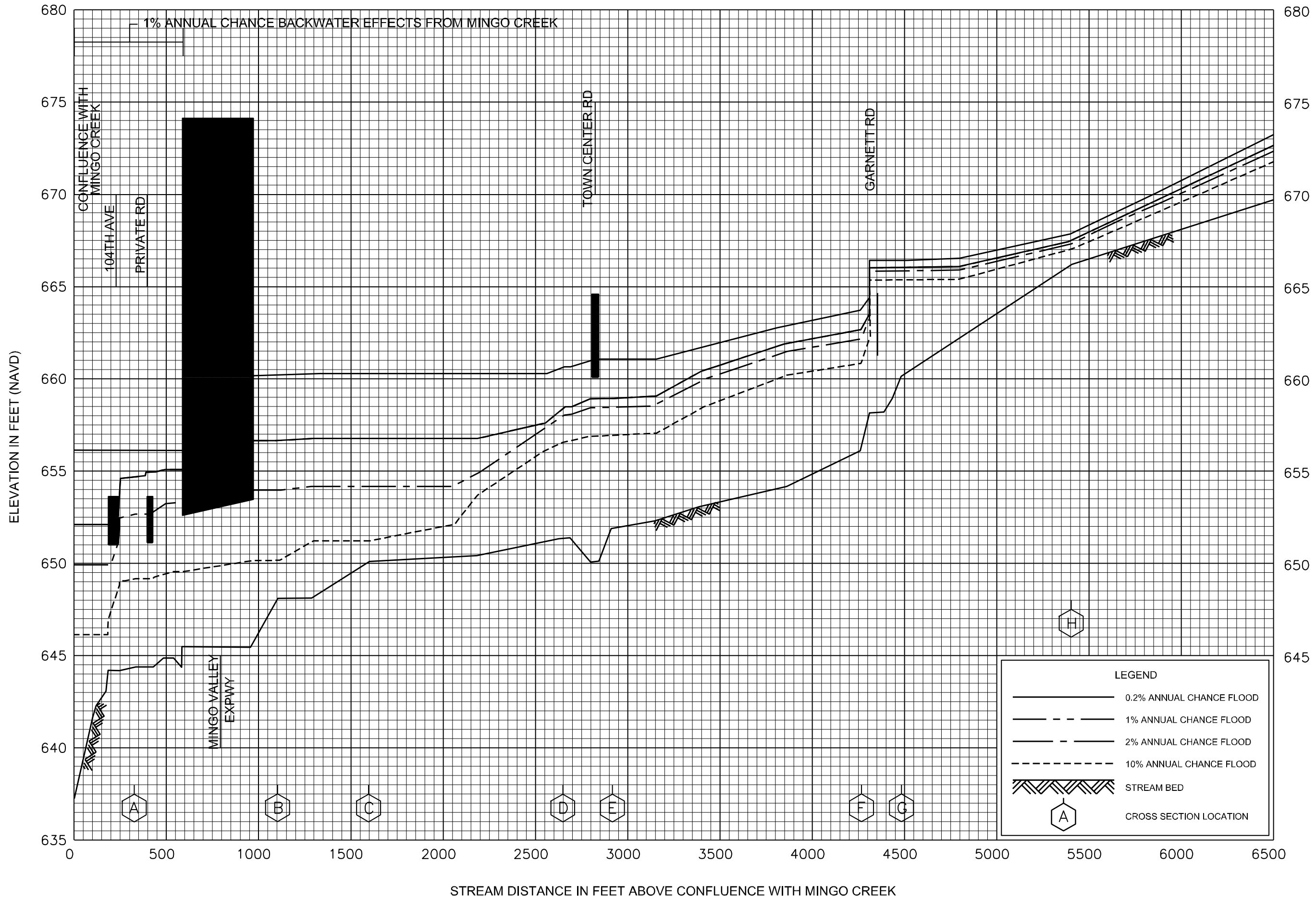
FLOOD PROFILES  
SOUTH FORK JOE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
SOUTH FORK LITTLE JOE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY  
AND INCORPORATED AREAS



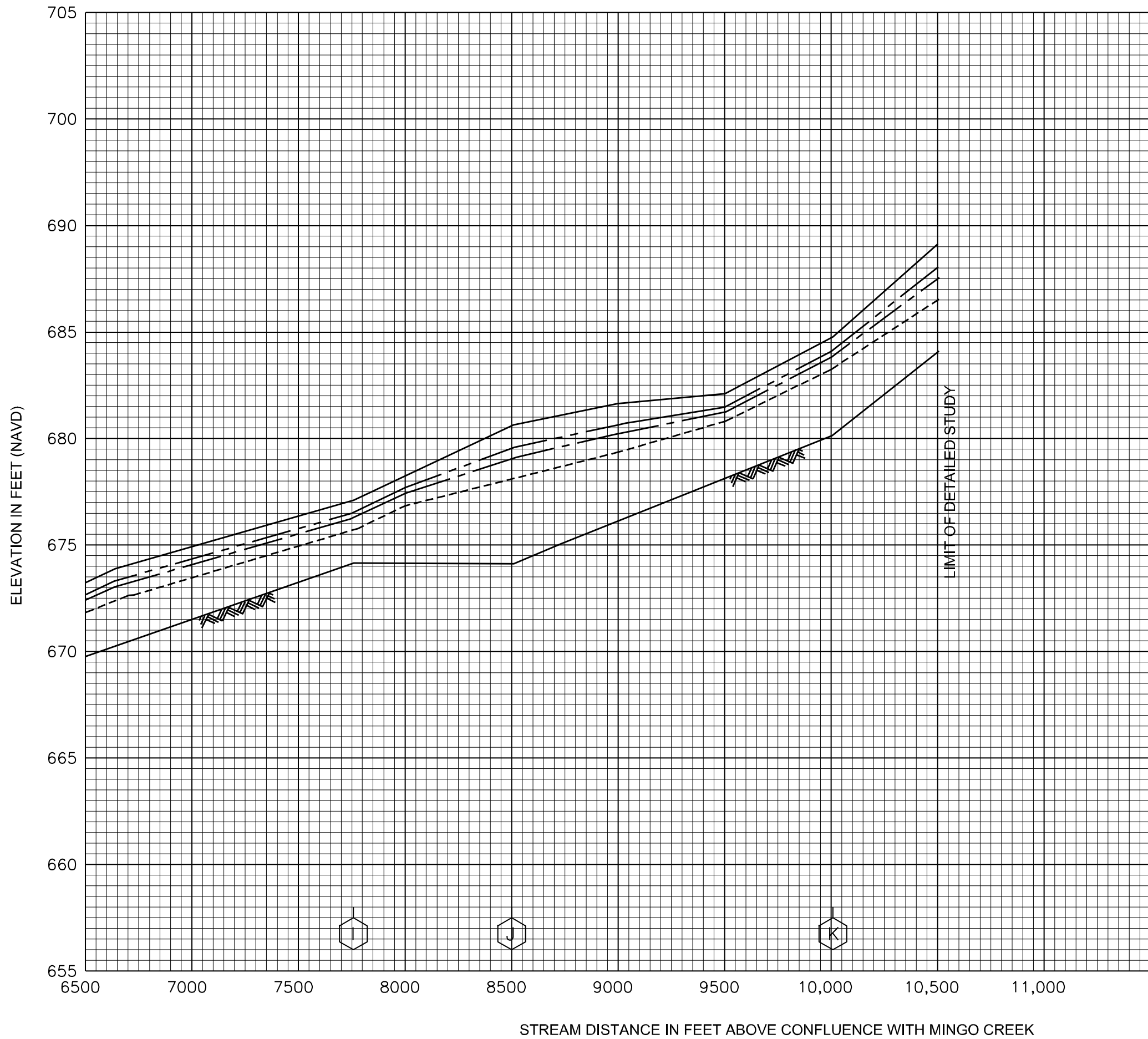
FLOOD PROFILES

SOUTHPARK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

308P

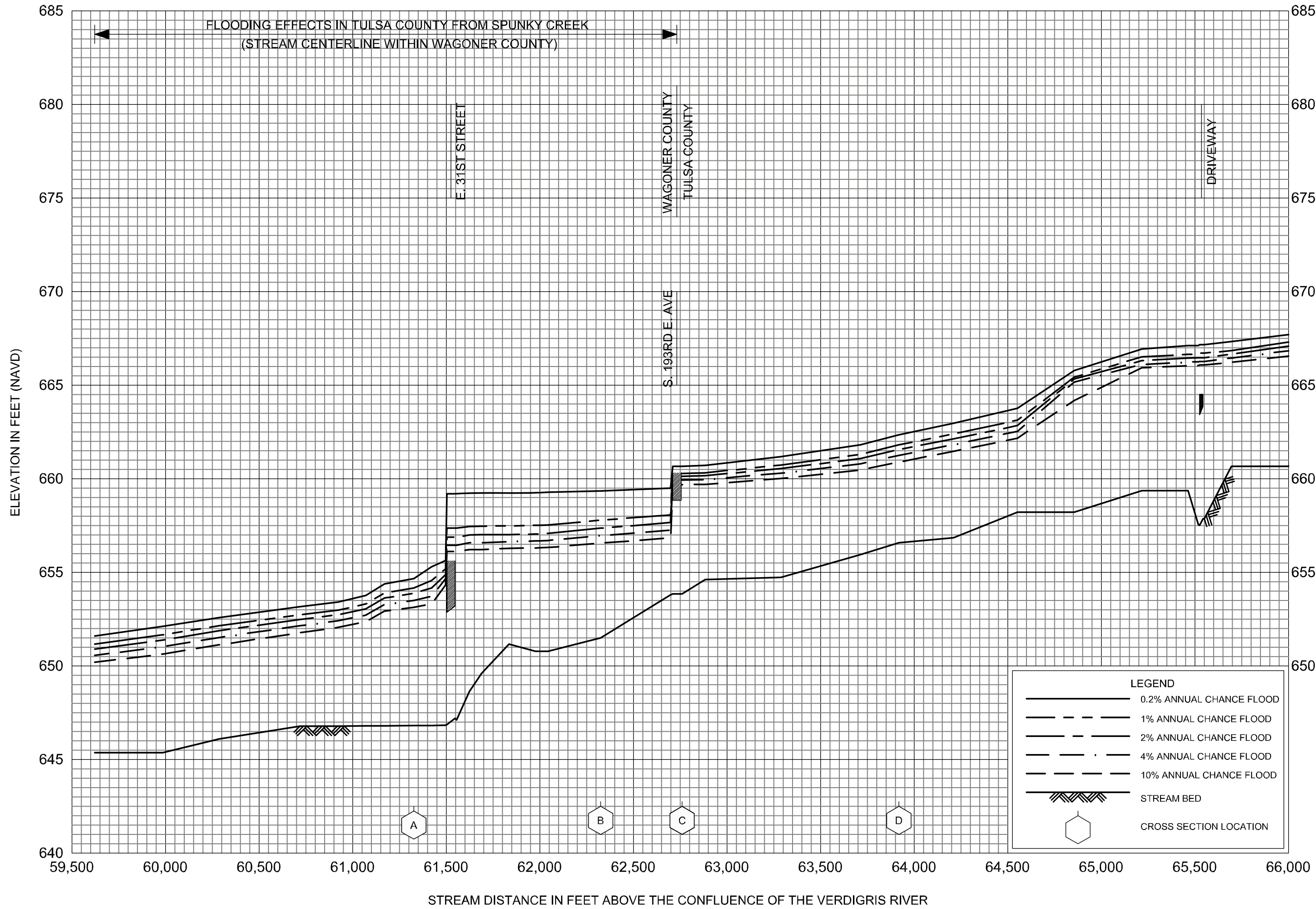


FLOOD PROFILES  
SOUTHPARK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

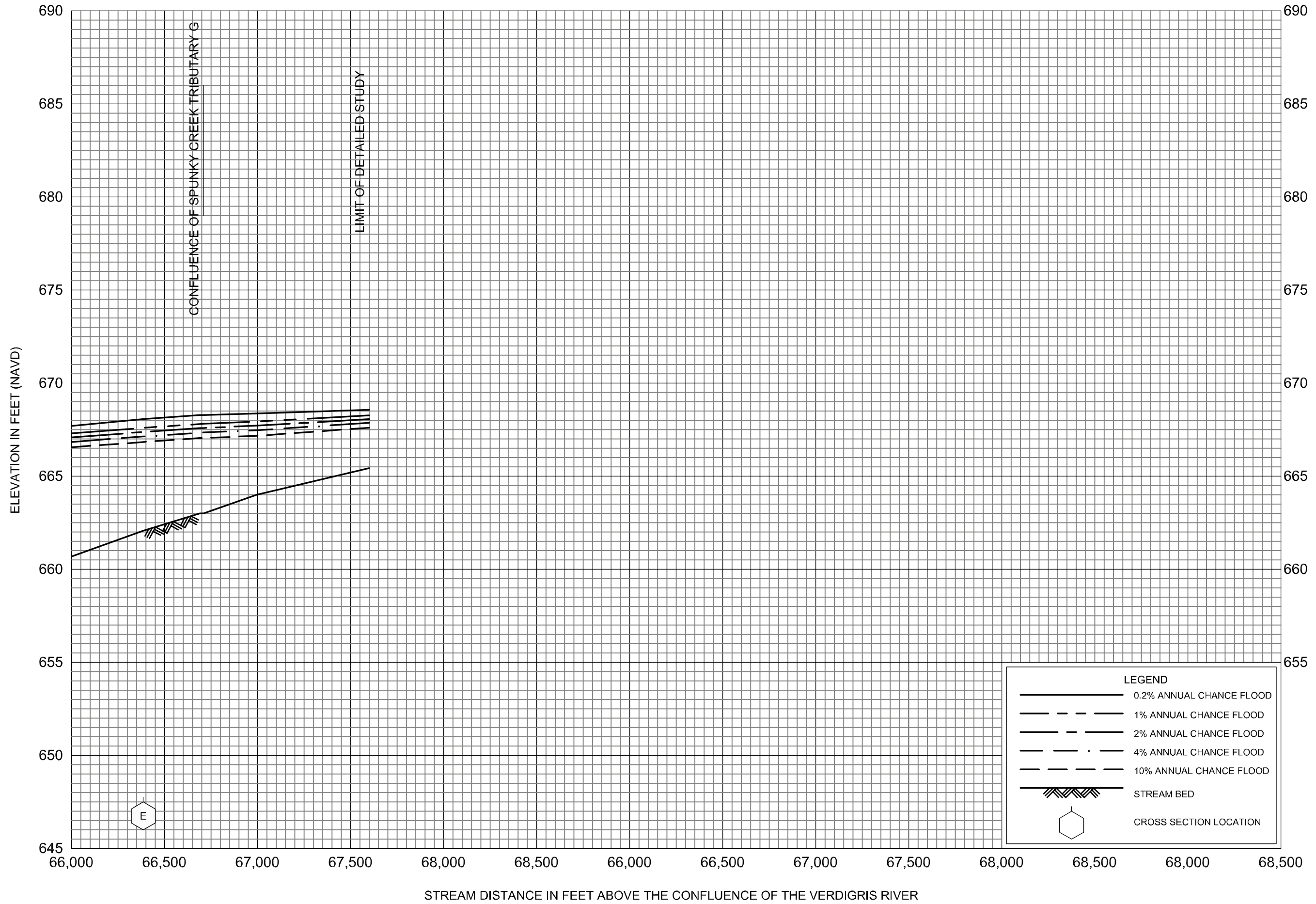






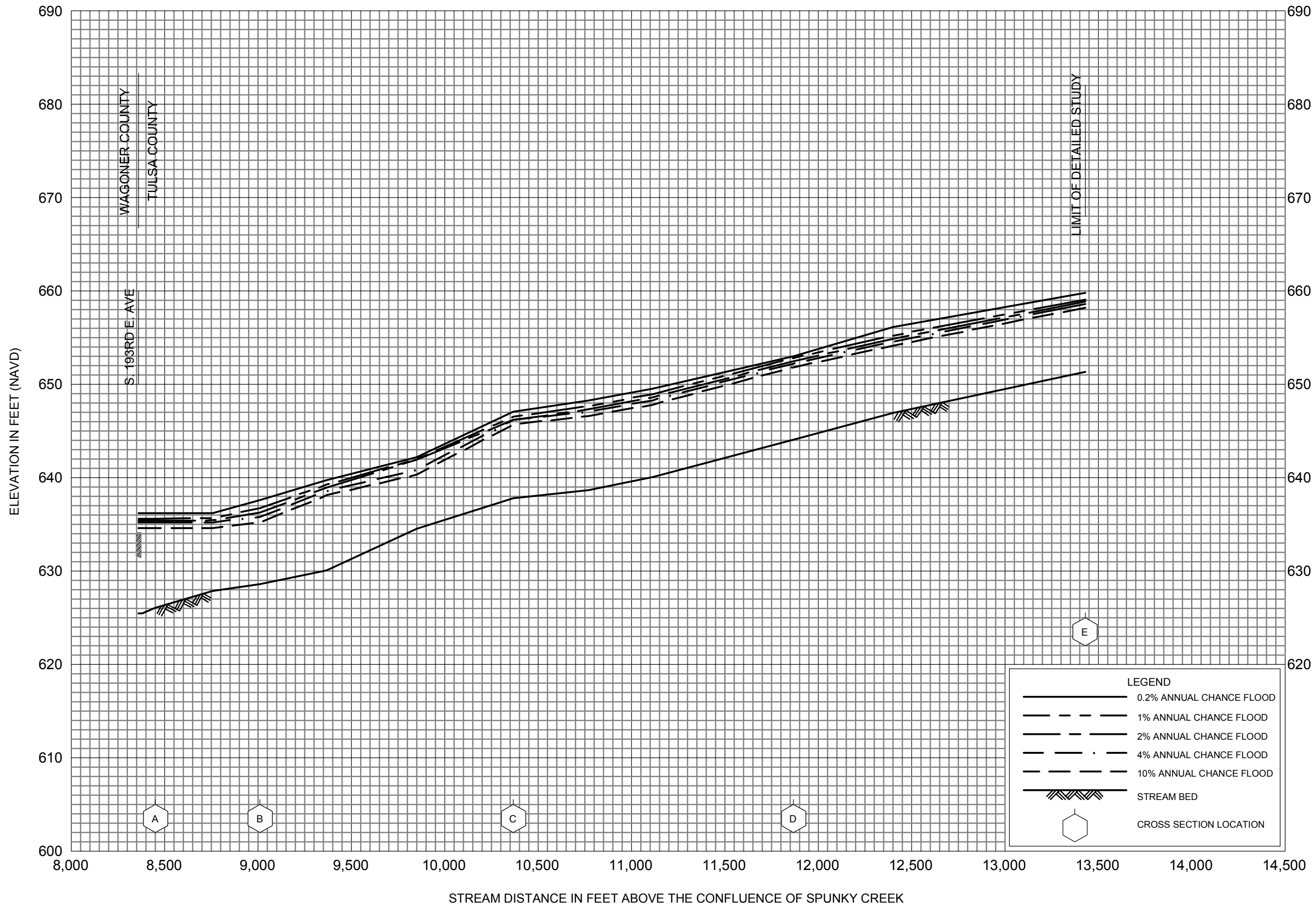
FLOOD PROFILES  
SPUNKY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
SPUNKY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

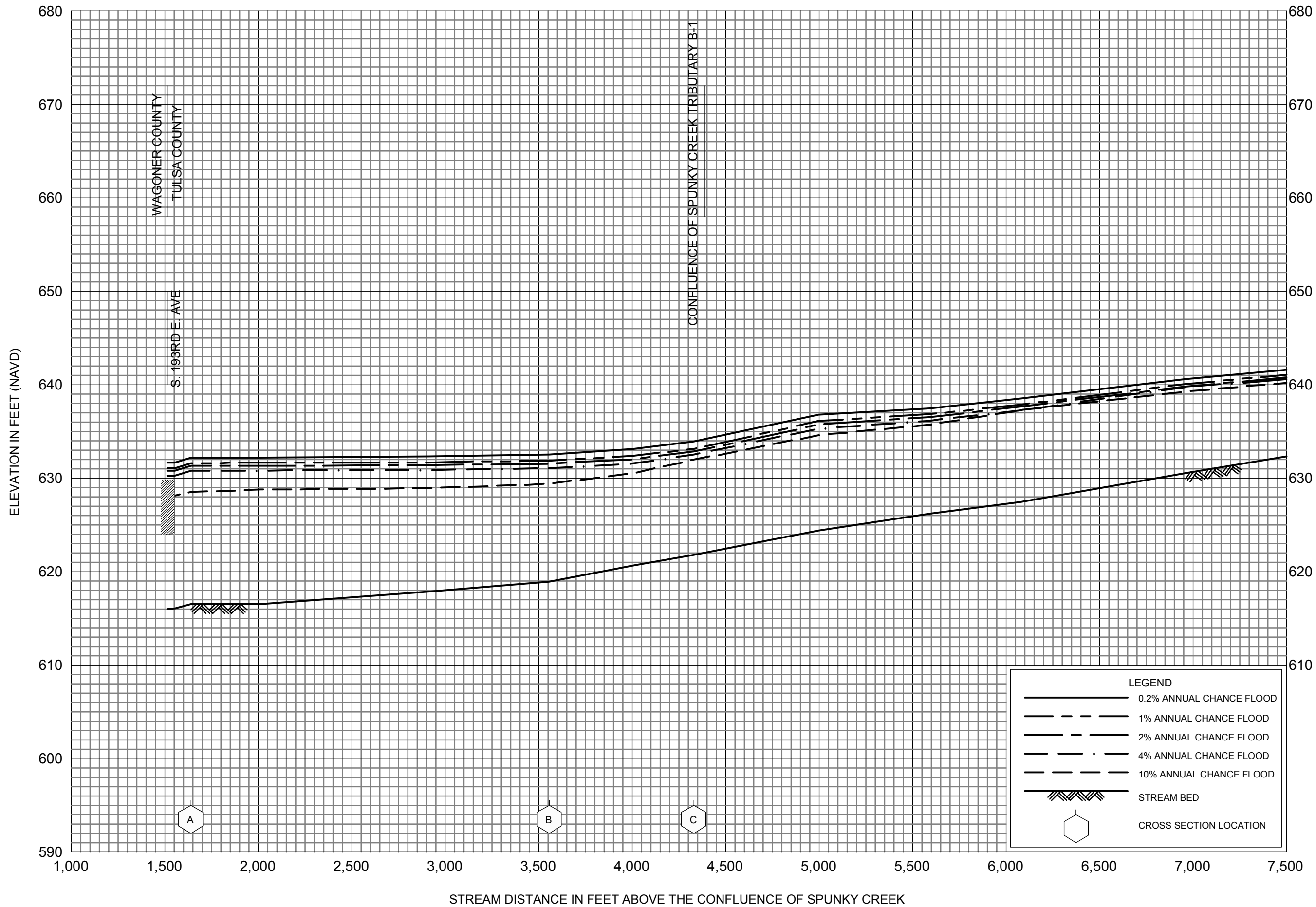


FLOOD PROFILES

SPUNKY CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

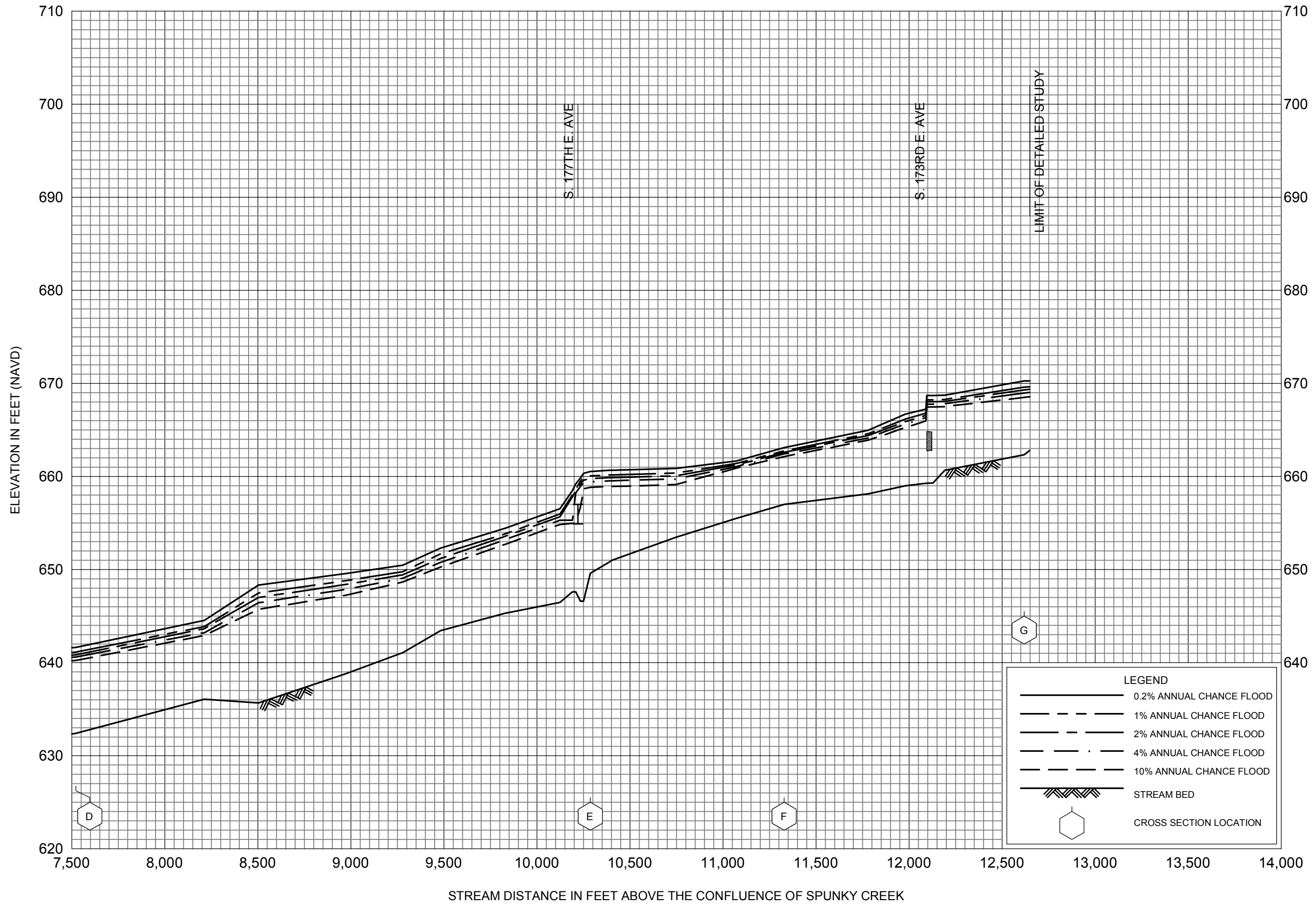


FLOOD PROFILES

SPUNKY CREEK TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

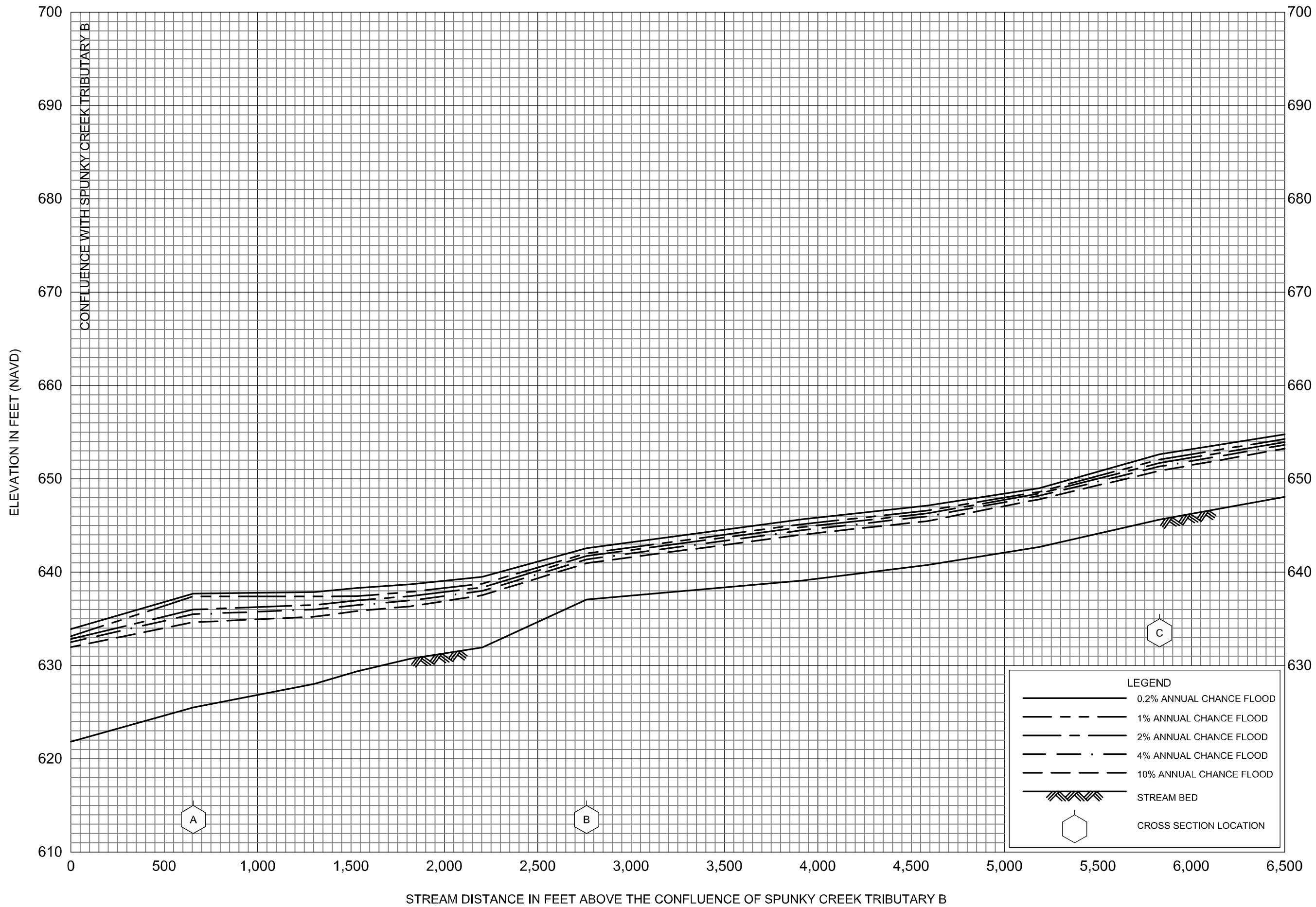


FLOOD PROFILES

SPUNKY CREEK TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

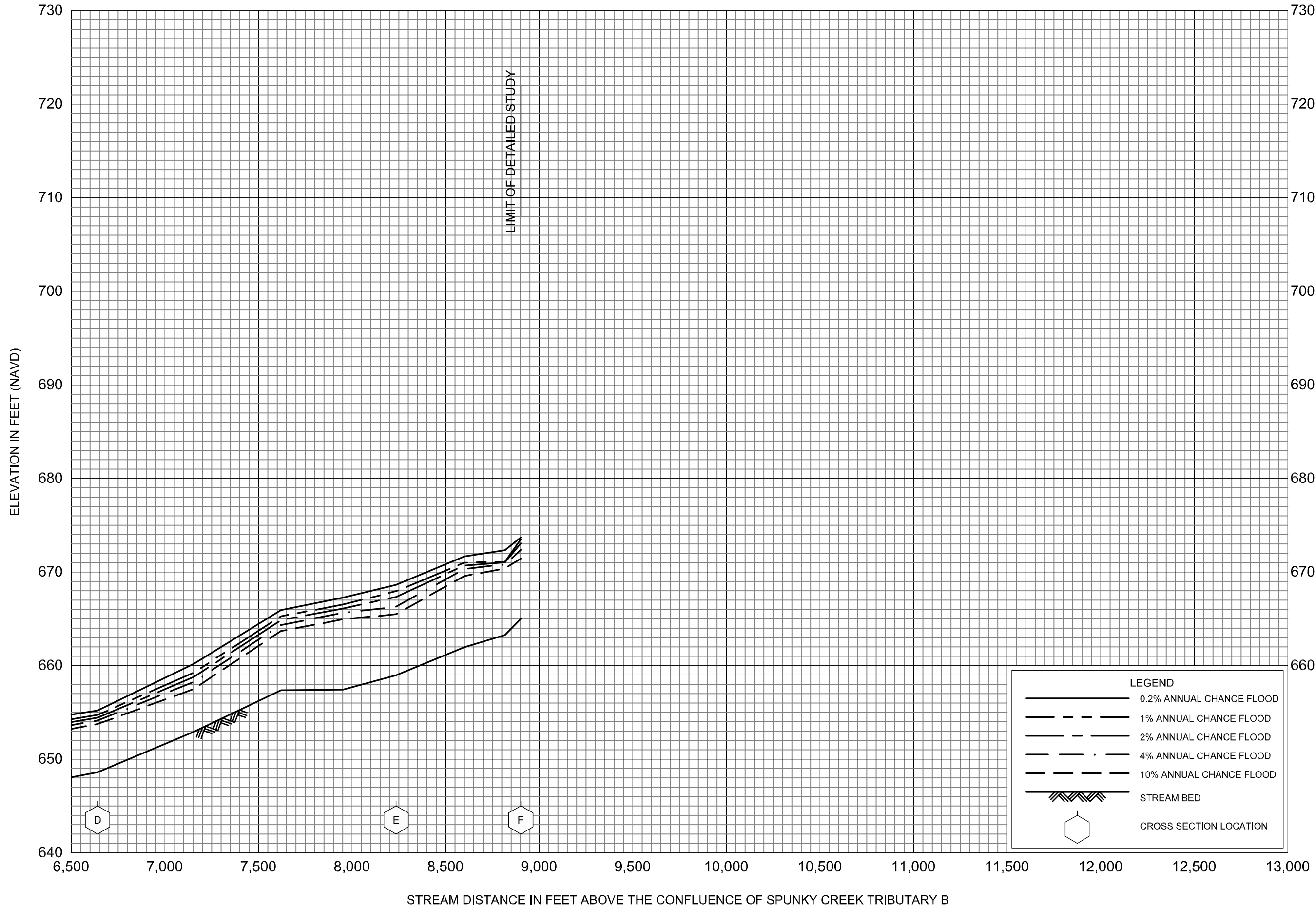


FLOOD PROFILES

SPUNKY CREEK TRIBUTARY B-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



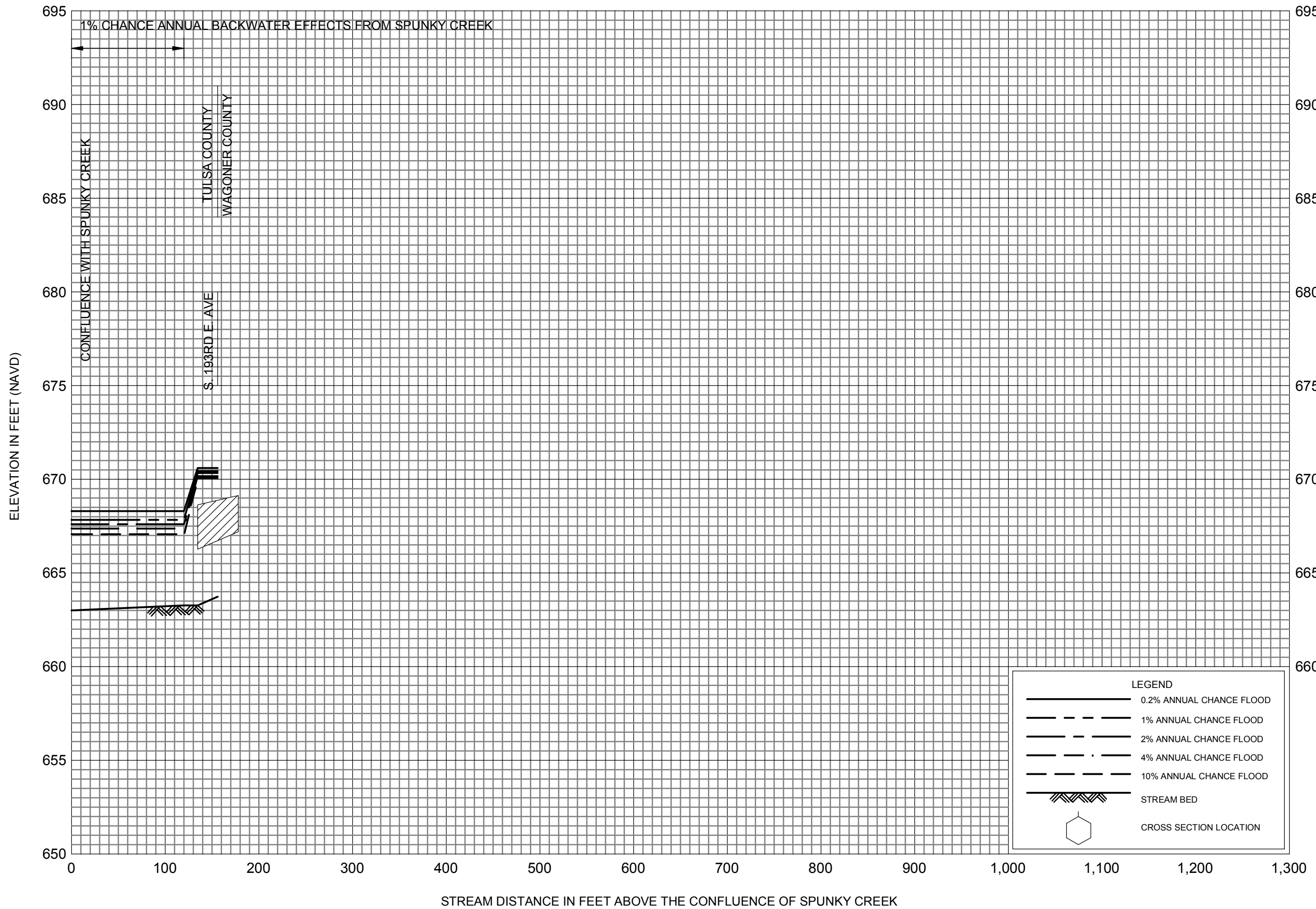
**FLOOD PROFILES**

**SPUNKY CREEK TRIBUTARY B-1**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS



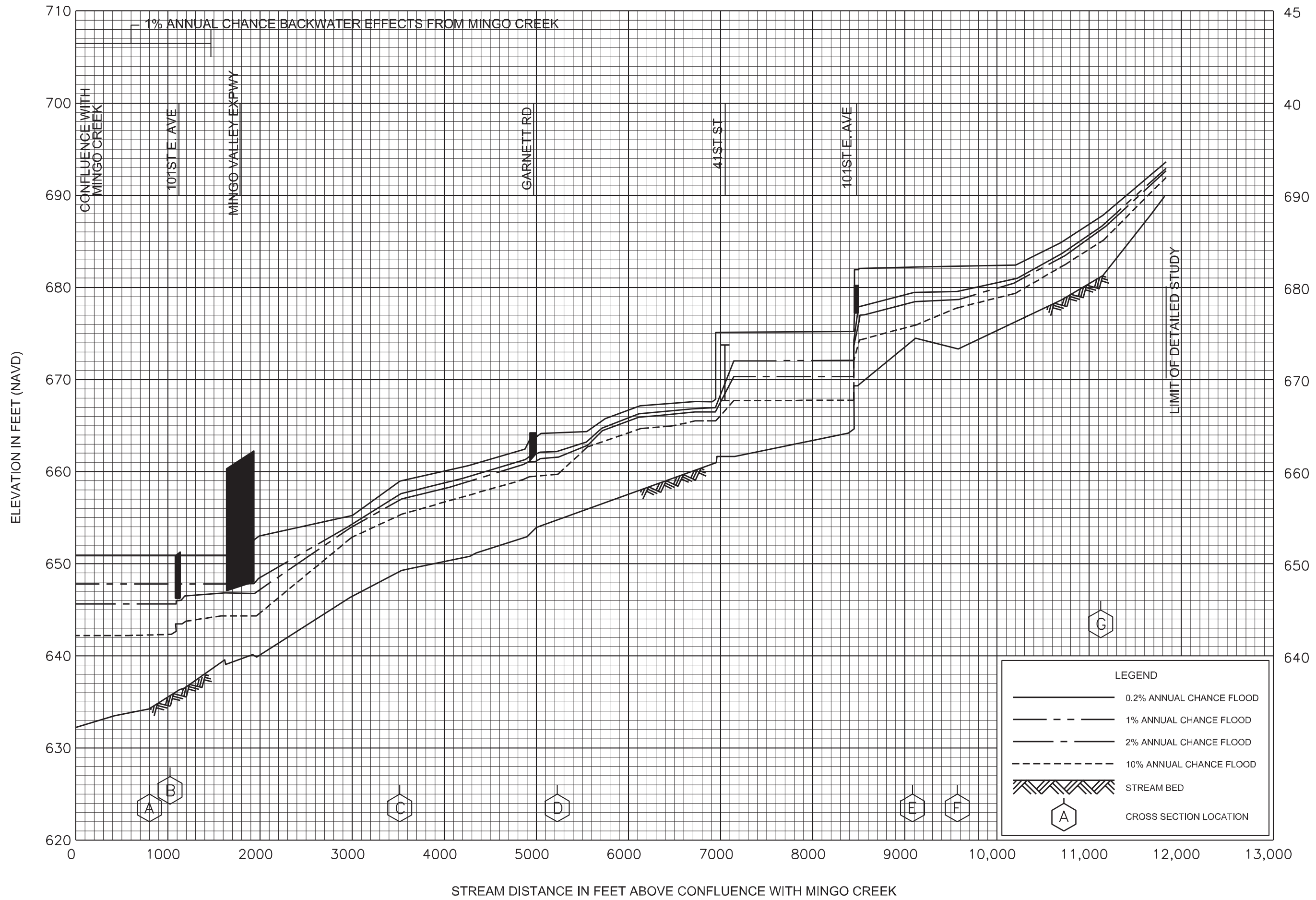


FLOOD PROFILES

SPUNKY CREEK TRIBUTARY G

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

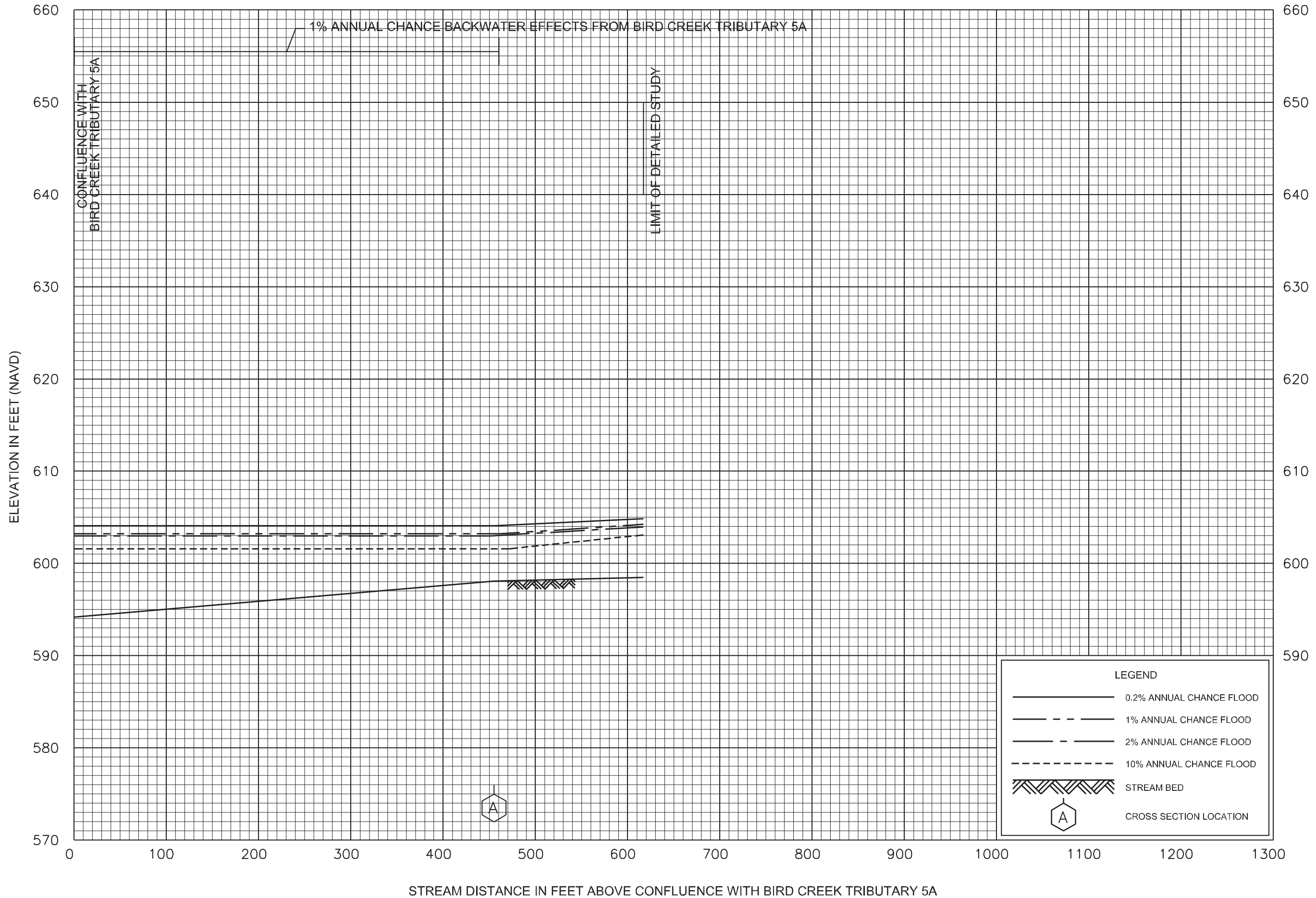


**LEGEND**

- 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  
SUGAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

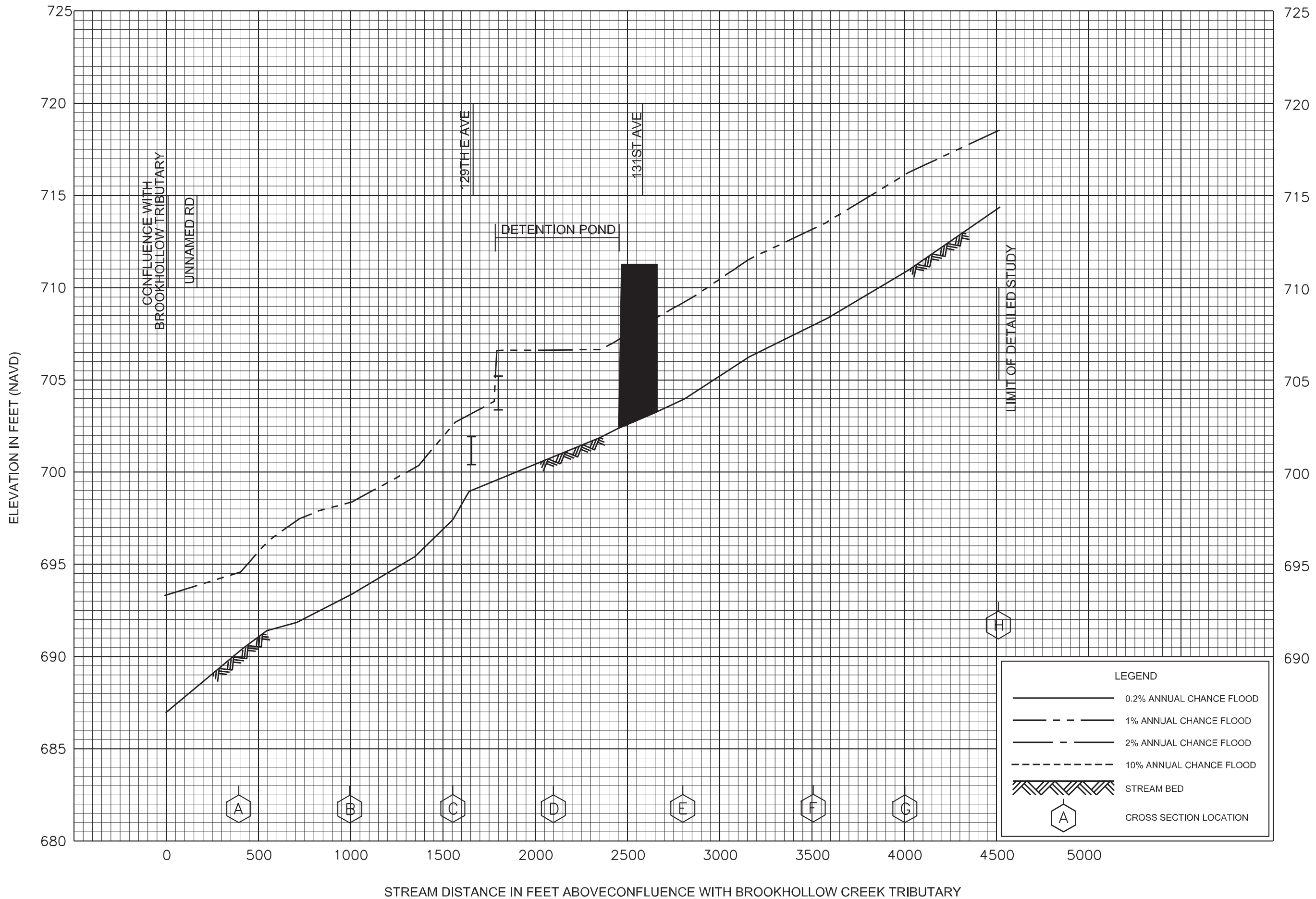


FLOOD PROFILES

THREE LAKES TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

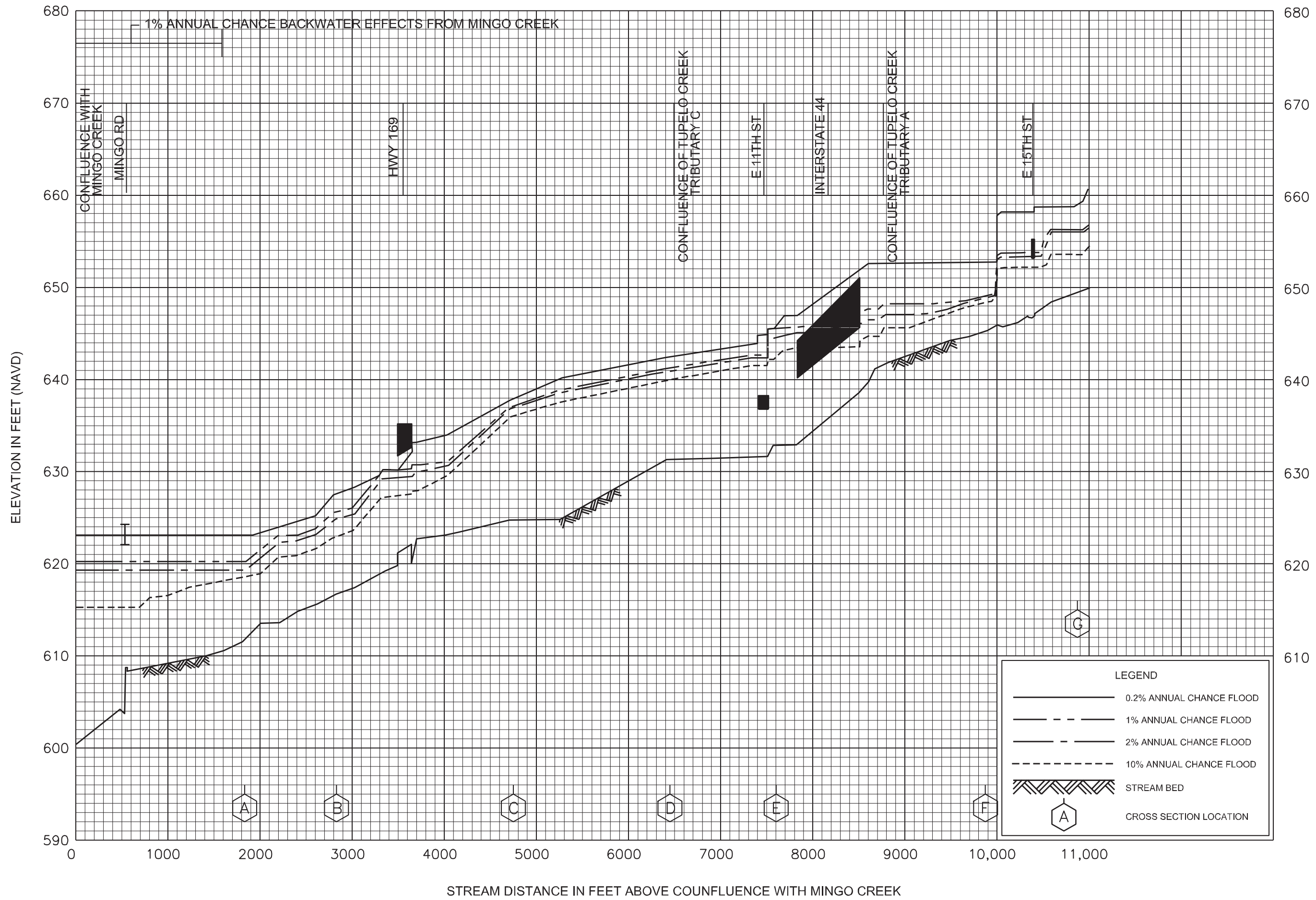


FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY TO BROOKHOLLOW CREEK TRIBUTARY



**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

TUPELO CREEK

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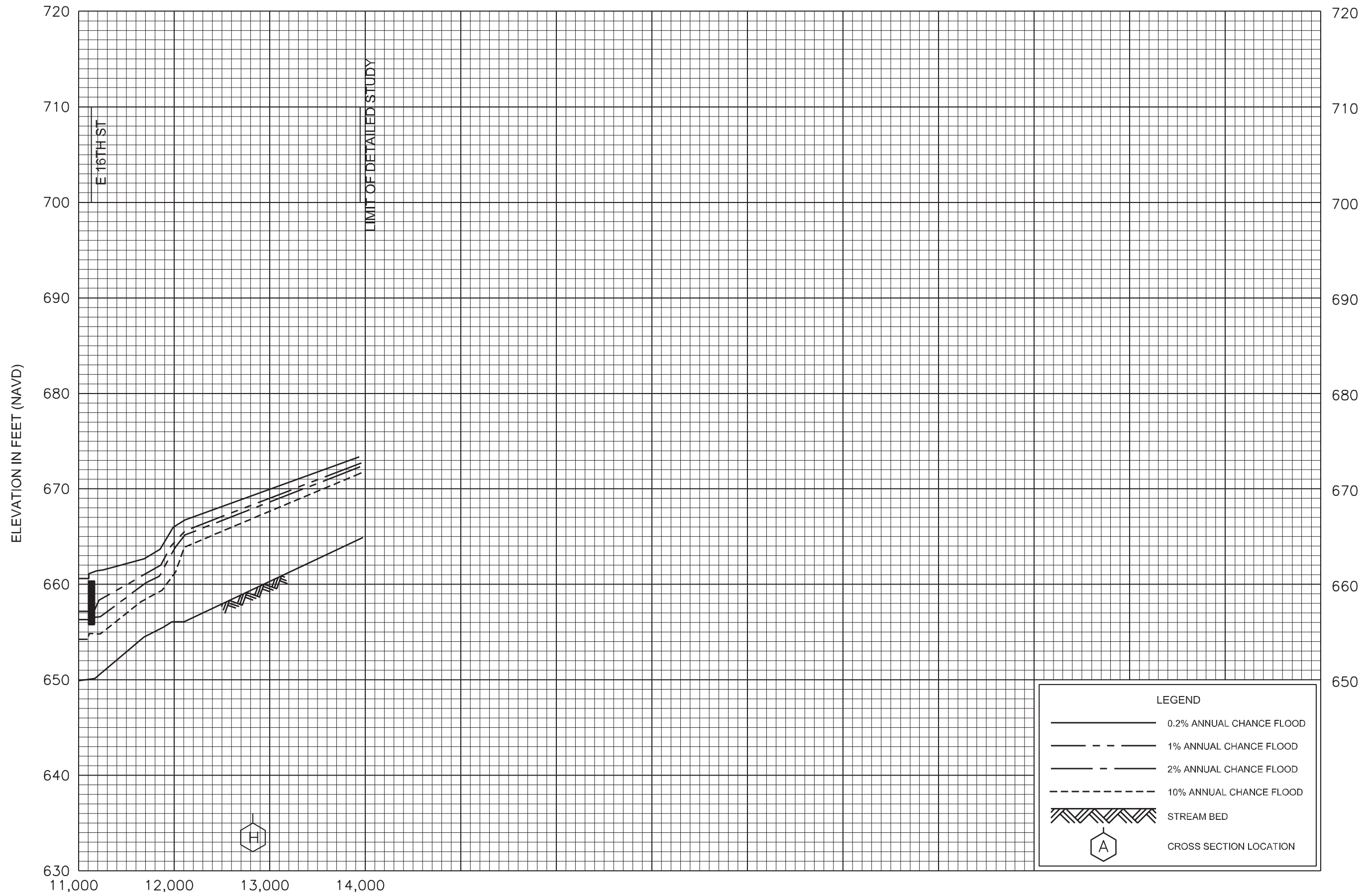
FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**

AND INCORPORATED AREAS

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**322P**



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH MINGO CREEK

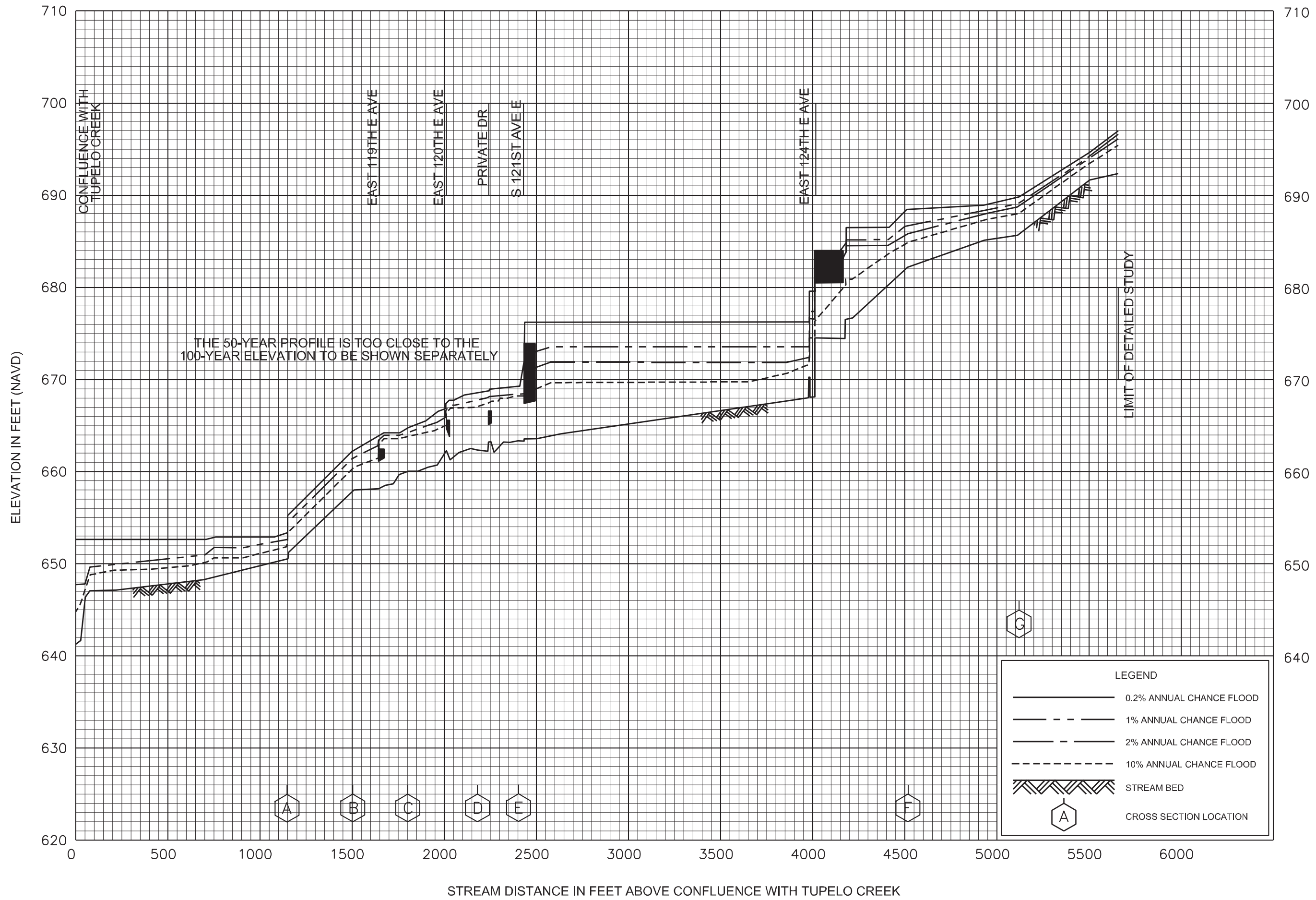
FLOOD PROFILES

TUPELO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

323P

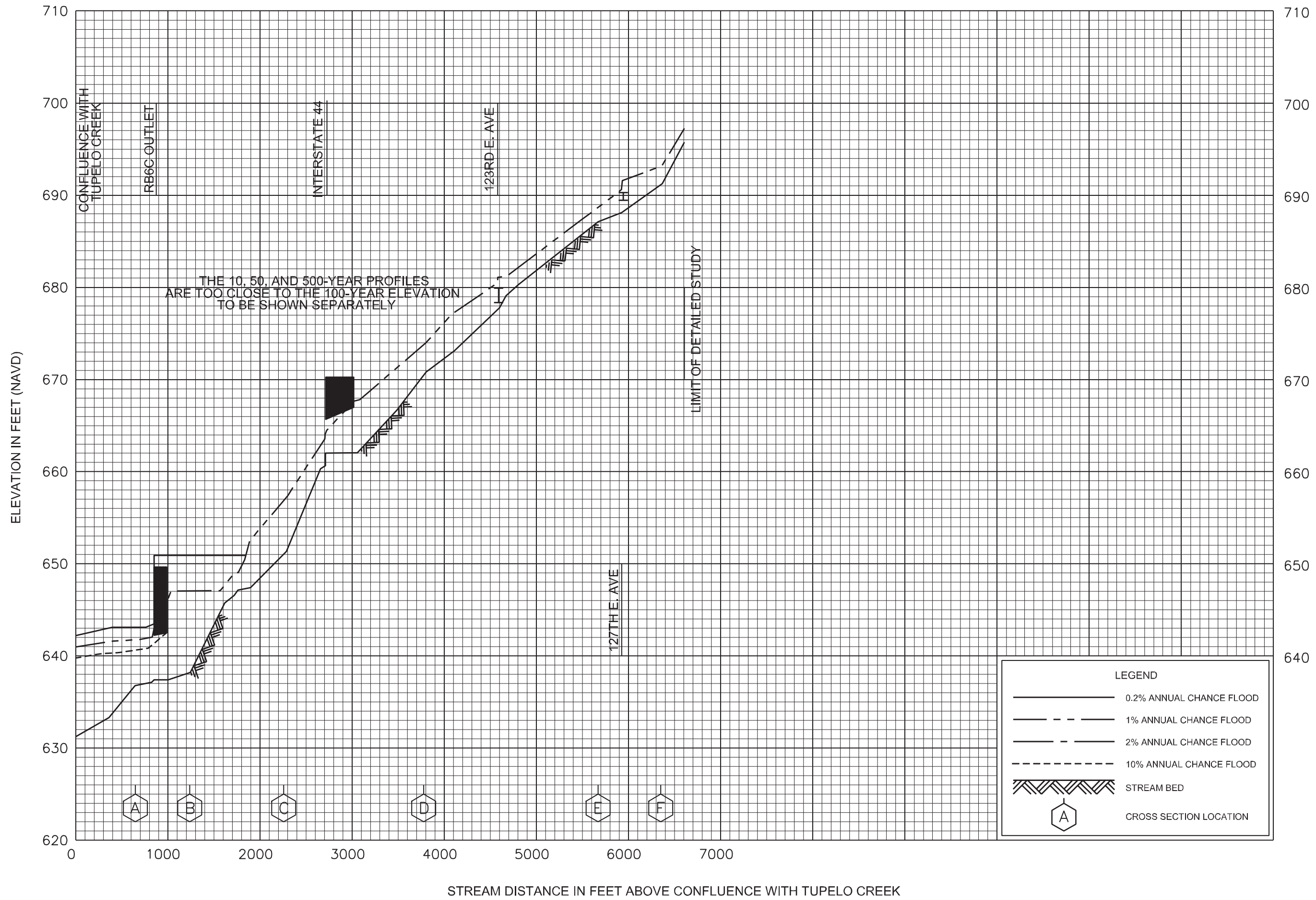


FLOOD PROFILES

TUPELO CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

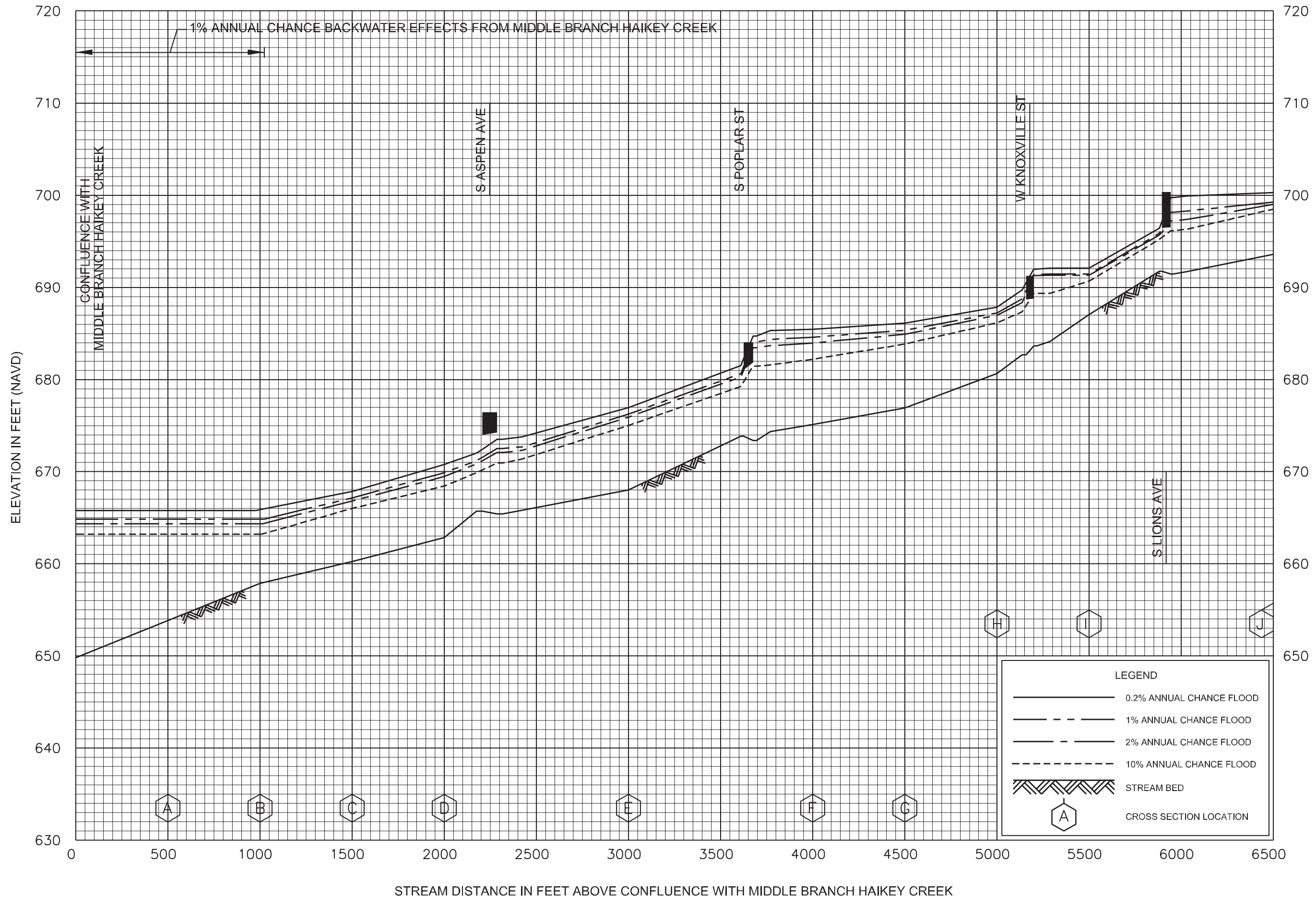
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
TUPELO CREEK TRIBUTARY C

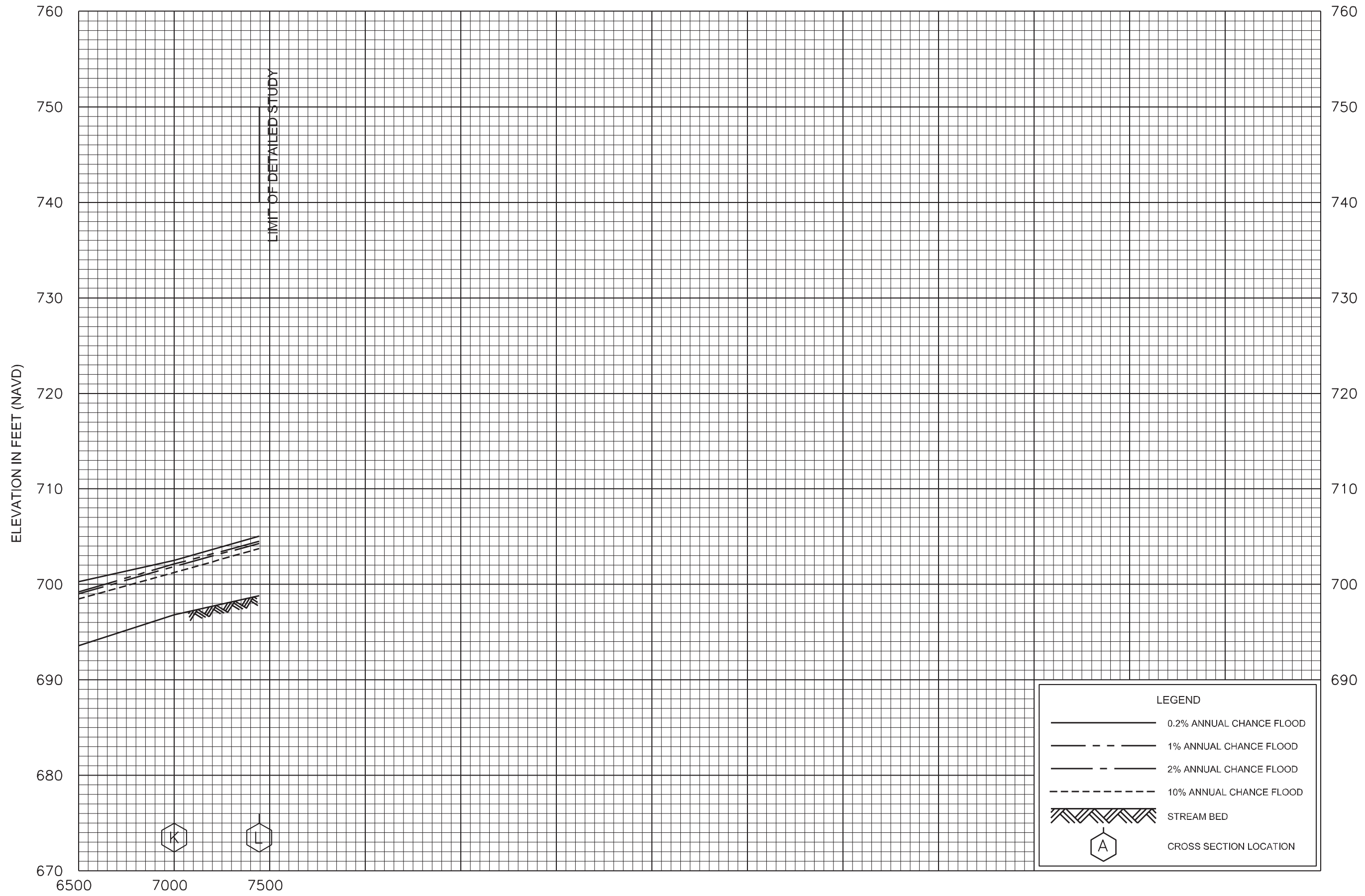
FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS





FLOOD PROFILES  
TURTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



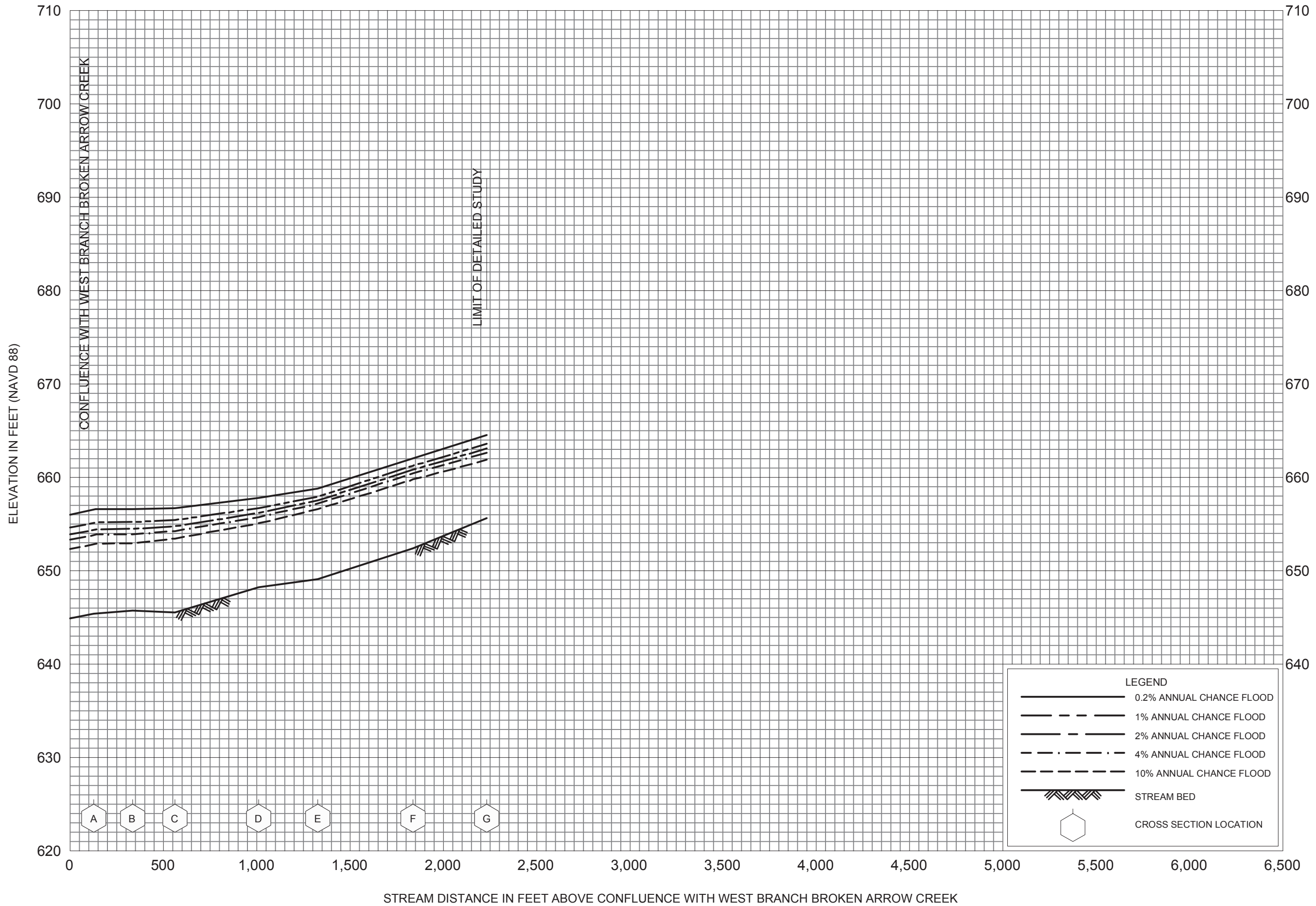
**LEGEND**

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

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH MIDDLE BRANCH HAIKEY CREEK

FLOOD PROFILES  
TURTLE CREEK

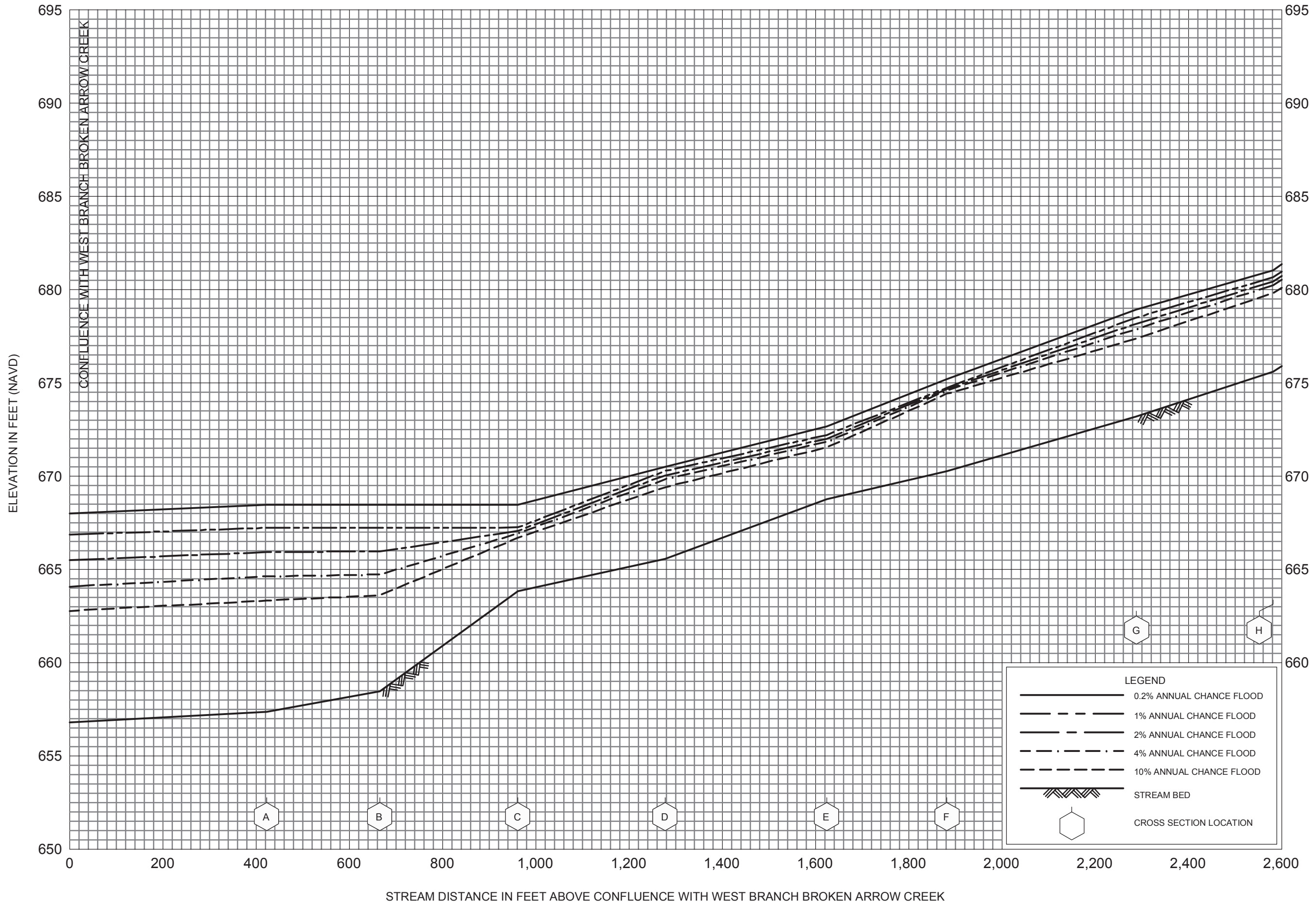
FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES

UNNAMED TRIBUTARY 1  
TO WEST BRANCH BROKEN ARROW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

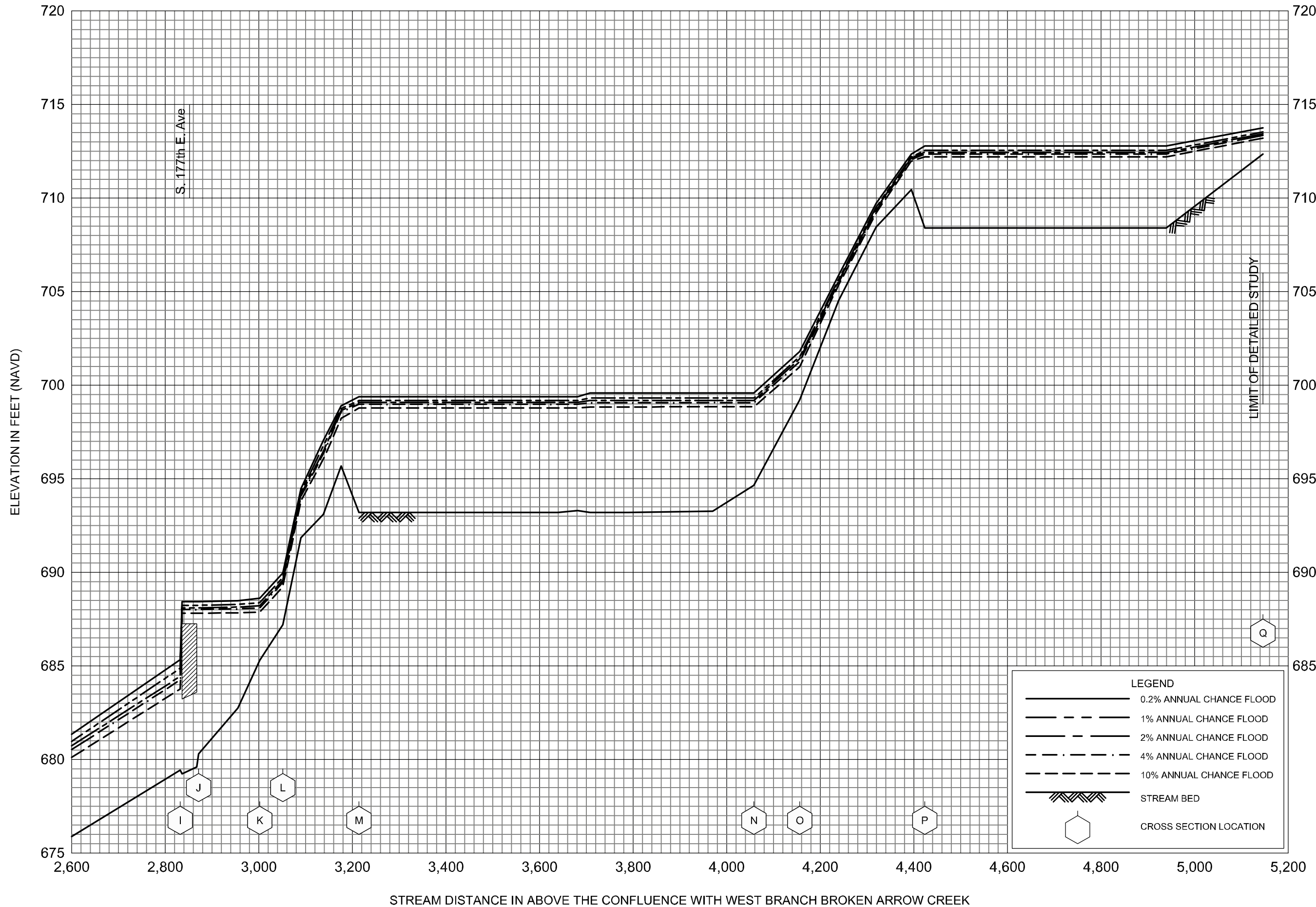


FLOOD PROFILES

UNNAMED TRIBUTARY 2  
TO WEST BRANCH BROKEN ARROW CREEK

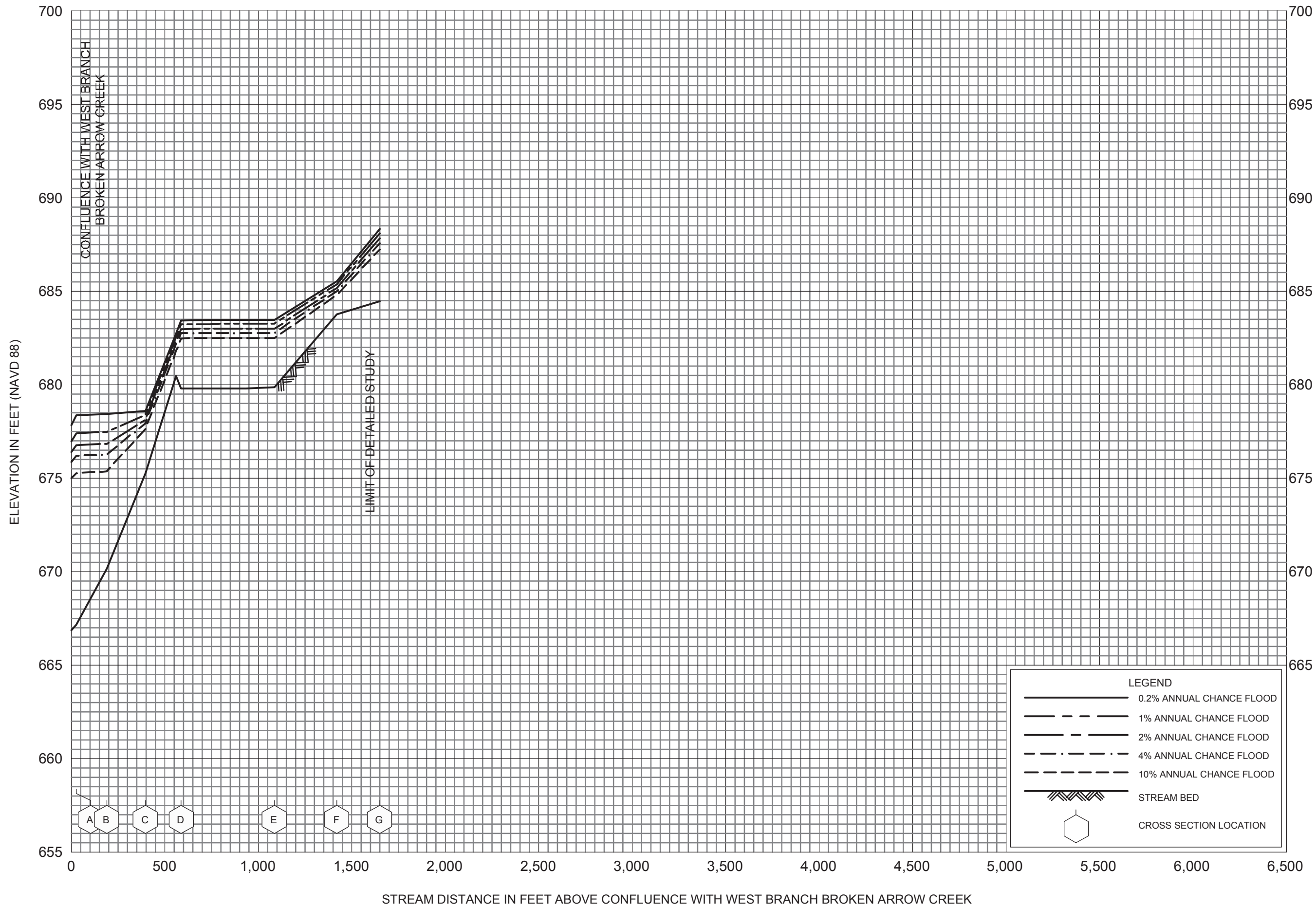
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
 UNNAMED TRIBUTARY 2  
 TO WEST BRANCH BROKEN ARROW CREEK

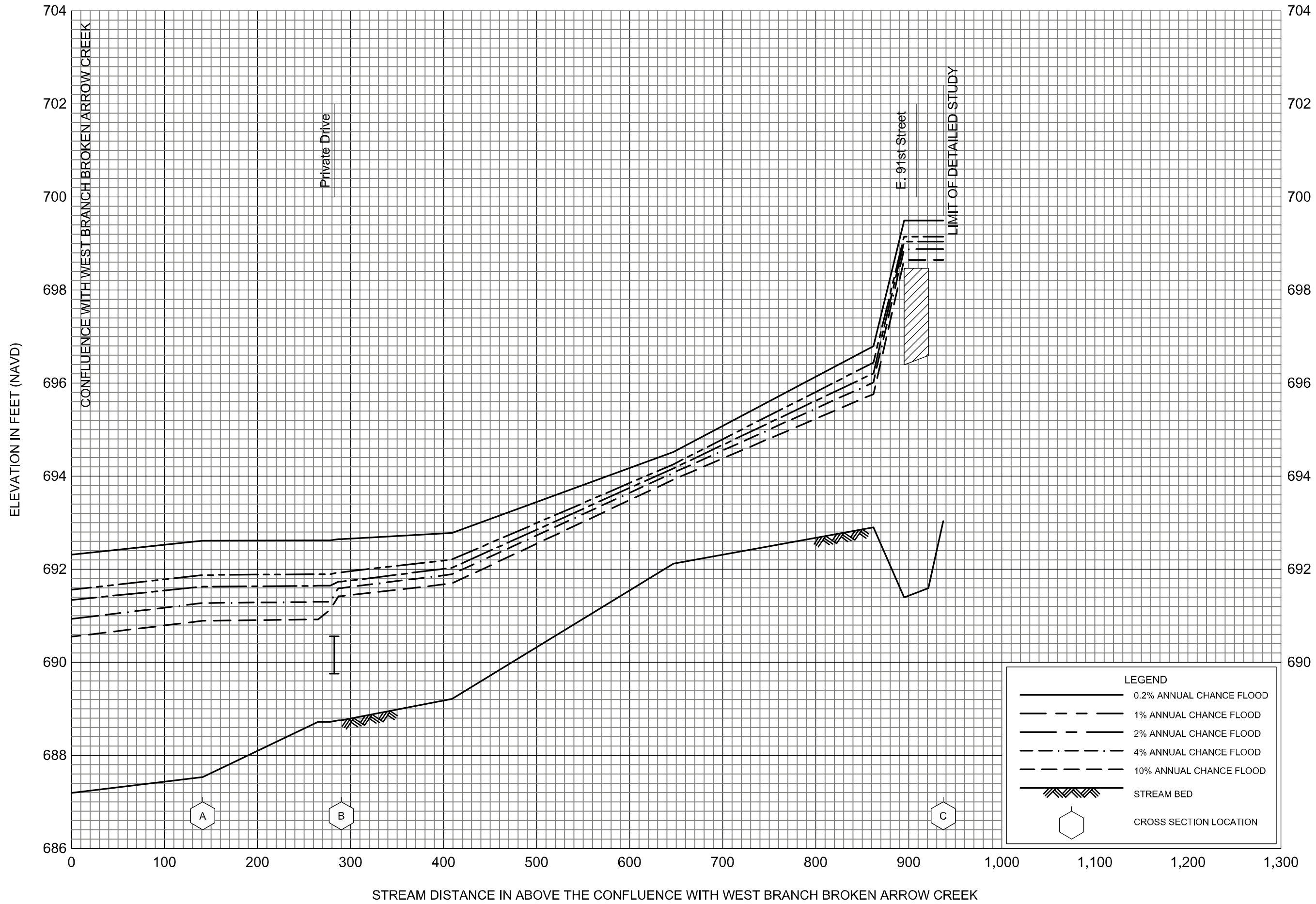
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 TULSA COUNTY, OK  
 AND INCORPORATED AREAS



**FLOOD PROFILES**

**UNNAMED TRIBUTARY 3  
TO WEST BRANCH BROKEN ARROW CREEK**

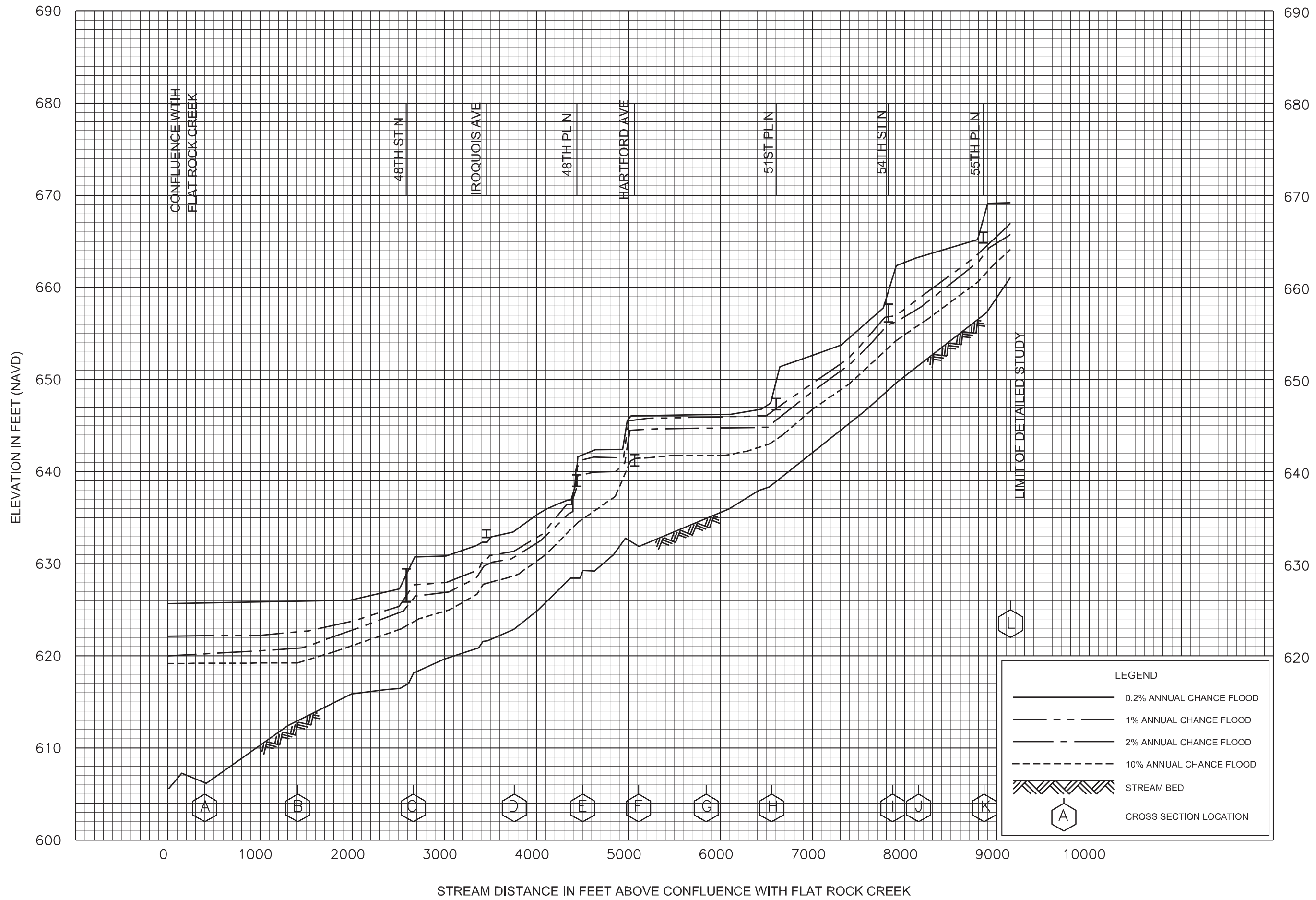
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
AND INCORPORATED AREAS



FLOOD PROFILES

UNNAMED TRIBUTARY 4  
TO WEST BRANCH BROKEN ARROW CREEK

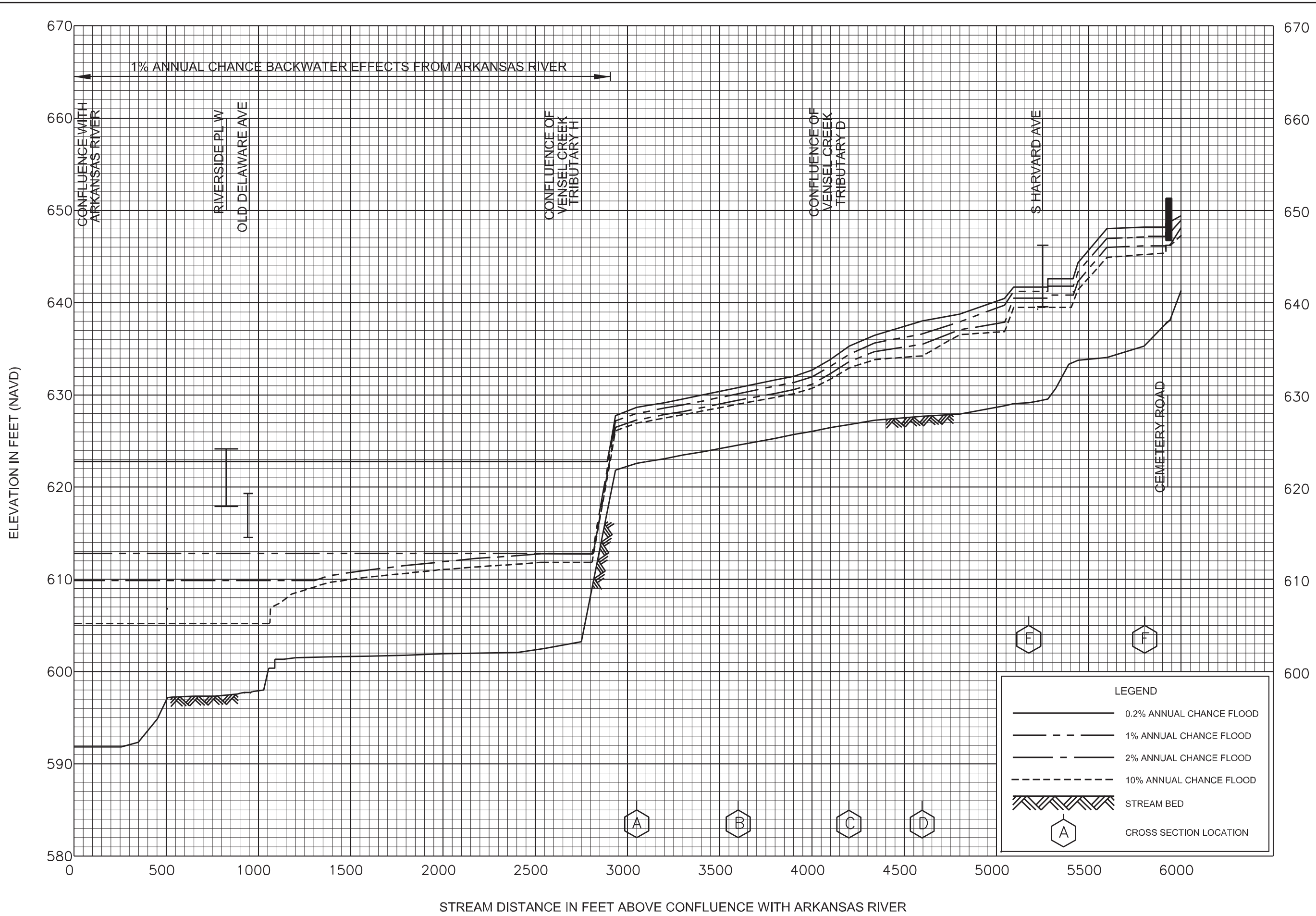
FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
VALLEY VIEW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

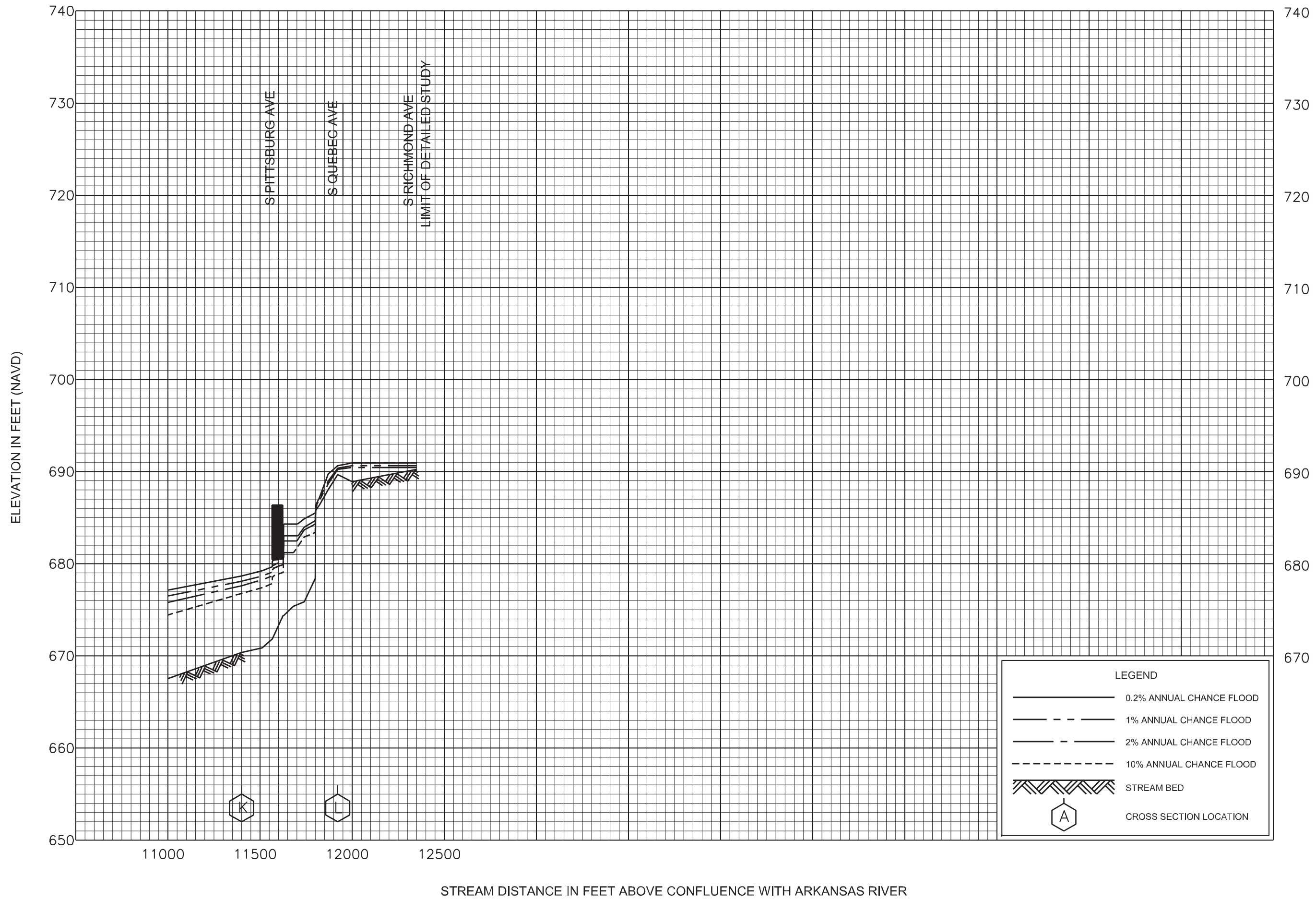




FLOOD PROFILES  
VENSEL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



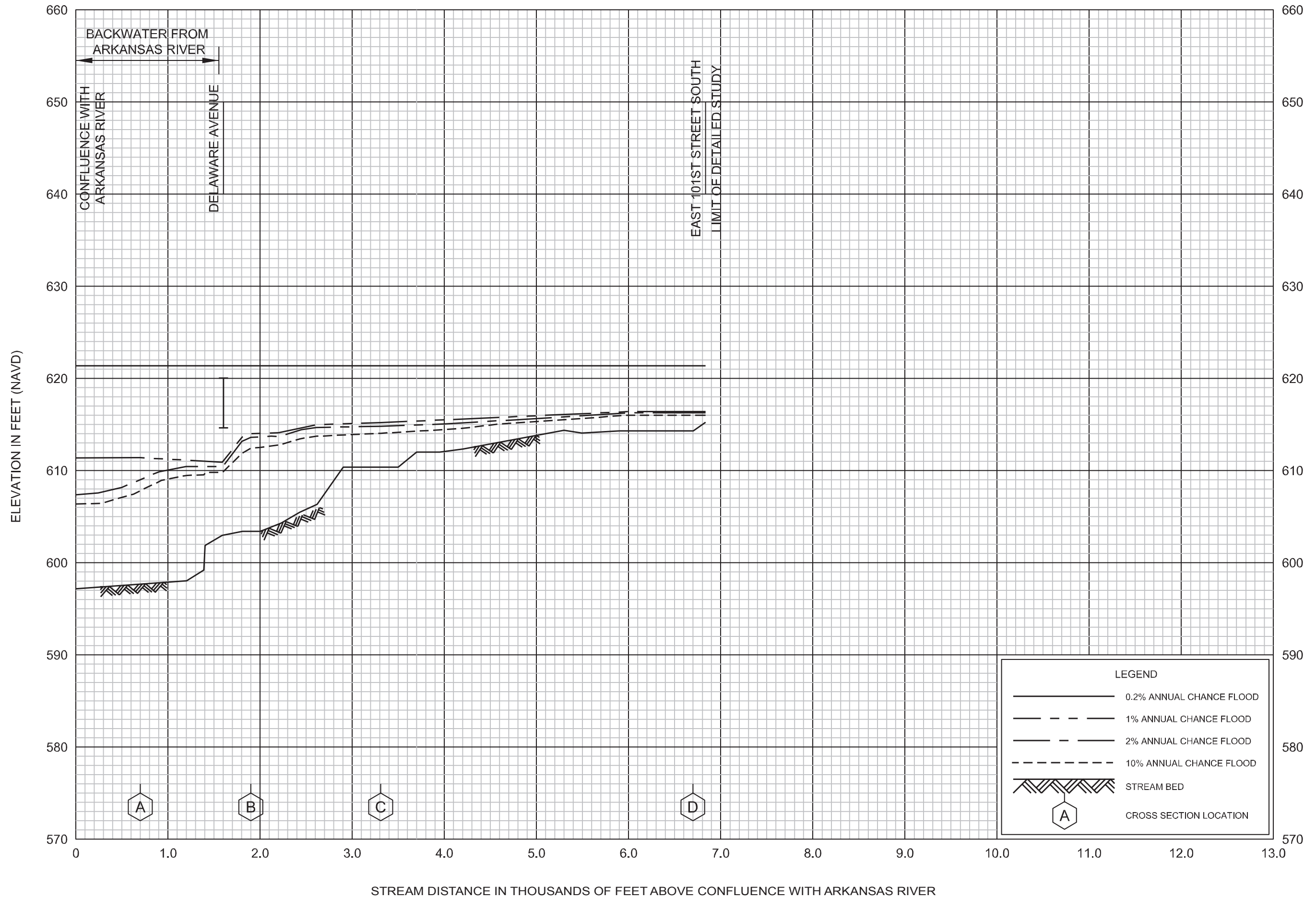


FLOOD PROFILES

VENSEL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



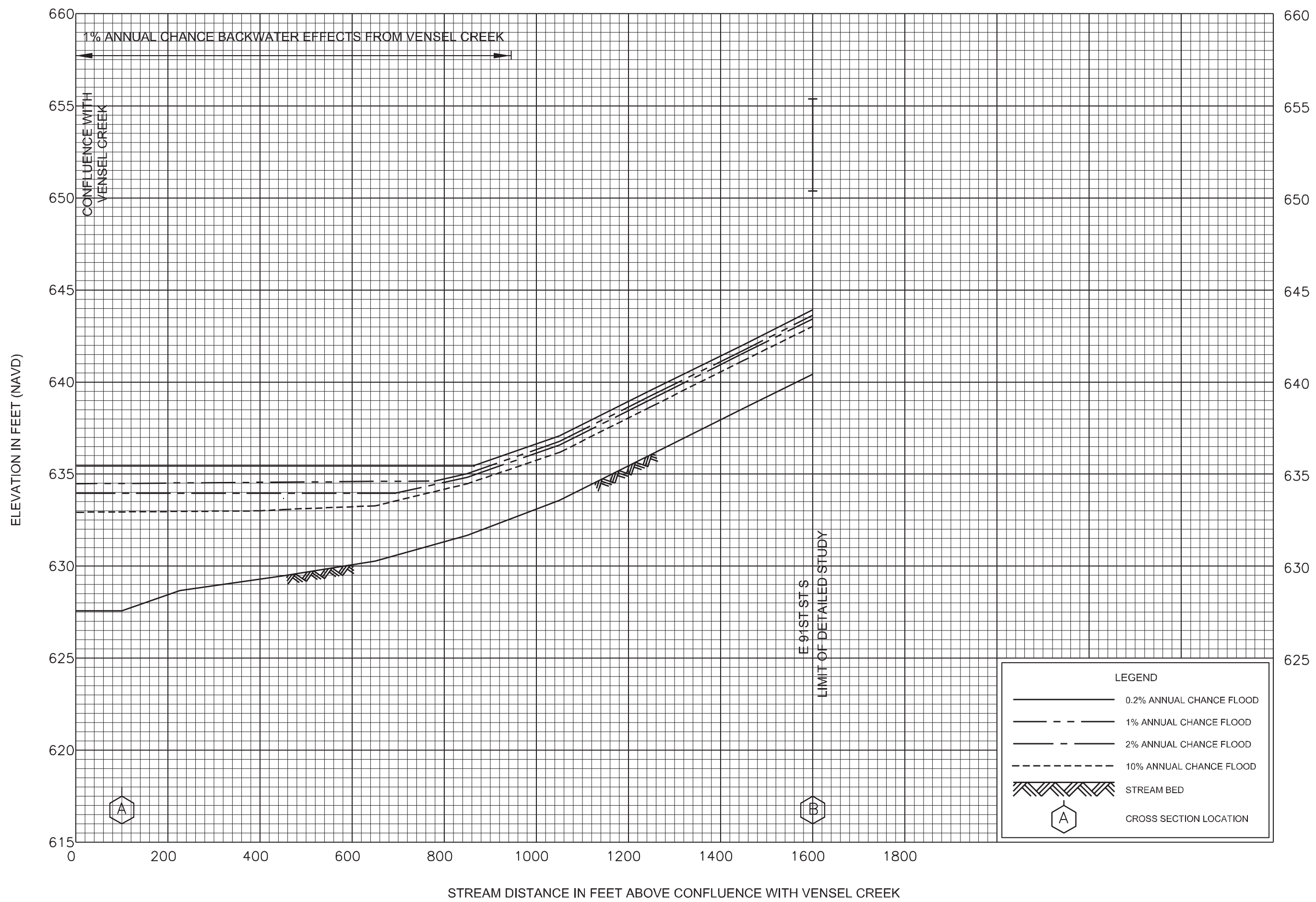
STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CONFLUENCE WITH ARKANSAS RIVER

FLOOD PROFILES

VENSEL CREEK SOUTH

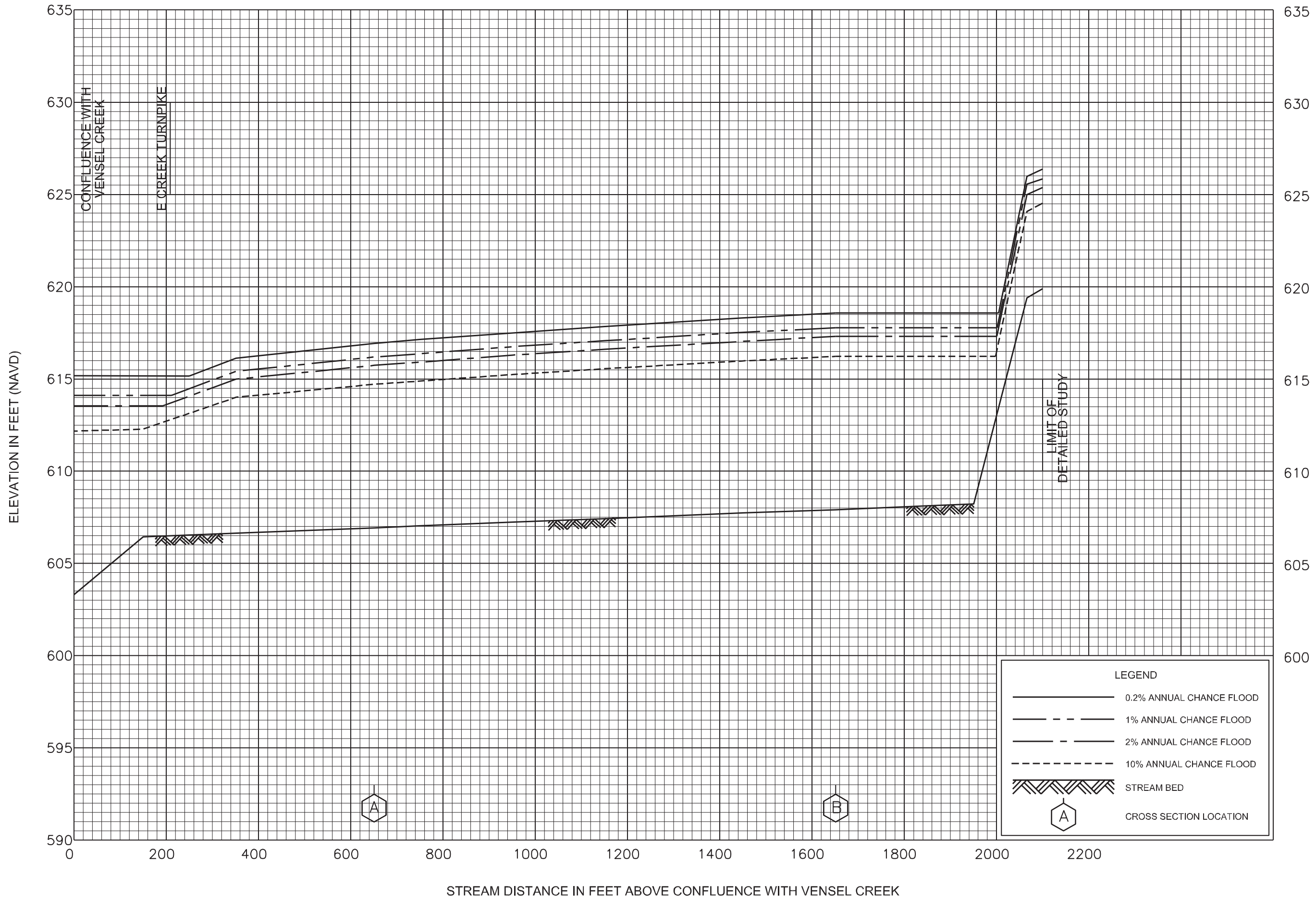
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
VENSEL CREEK TRIBUTARY D

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

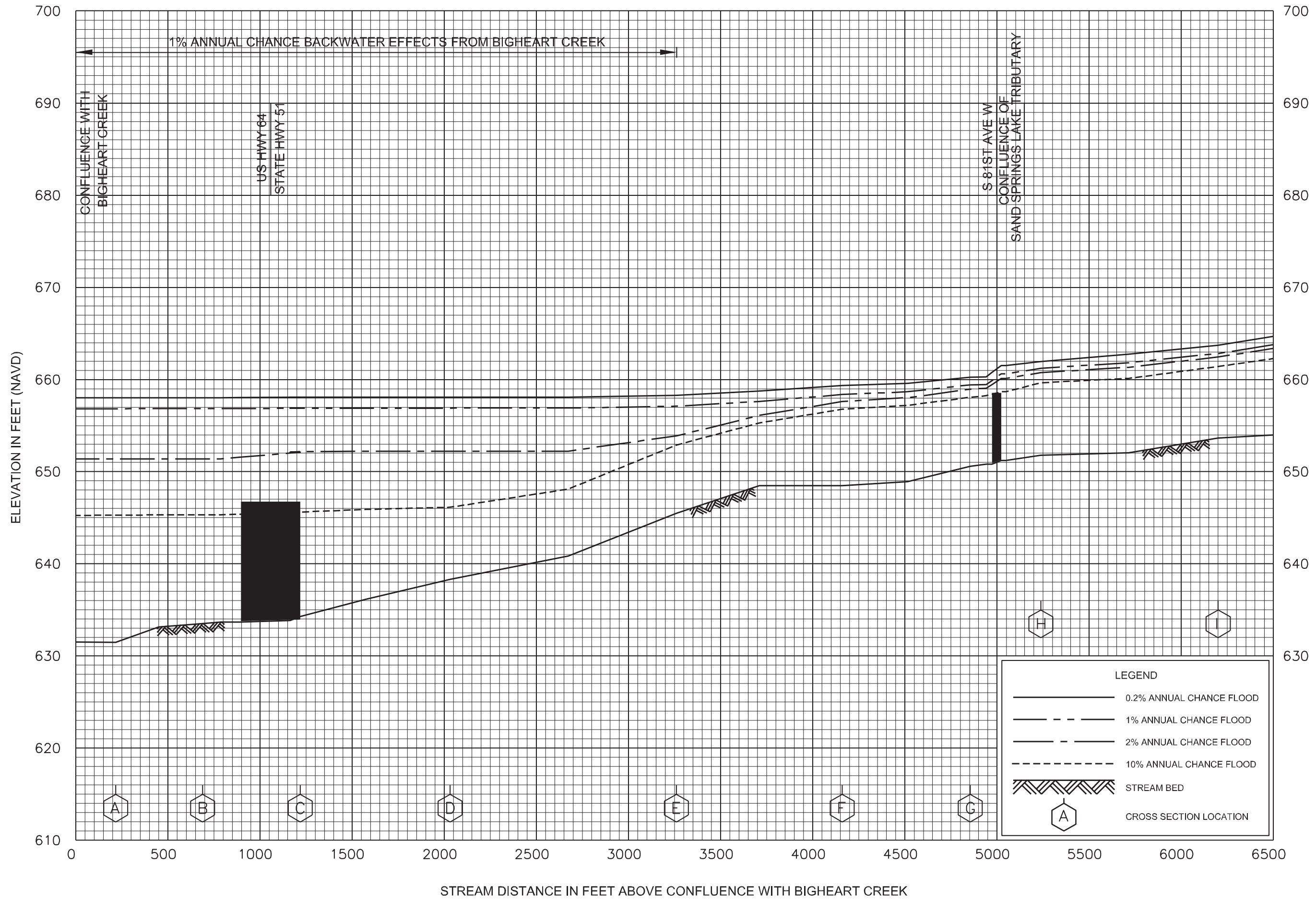


FLOOD PROFILES

VENSEL CREEK TRIBUTARY H

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

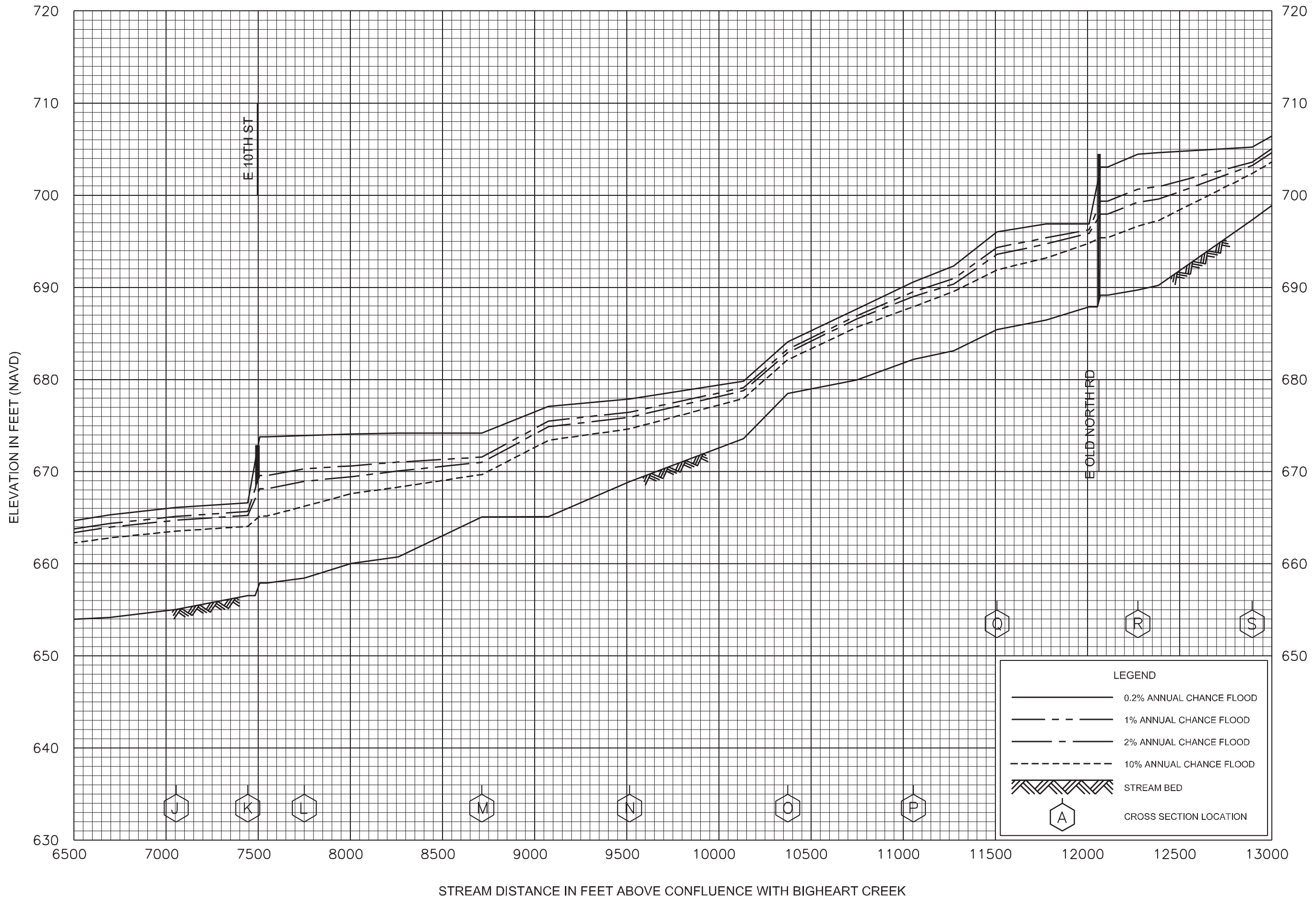


FLOOD PROFILES

WEST BIGHEART CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

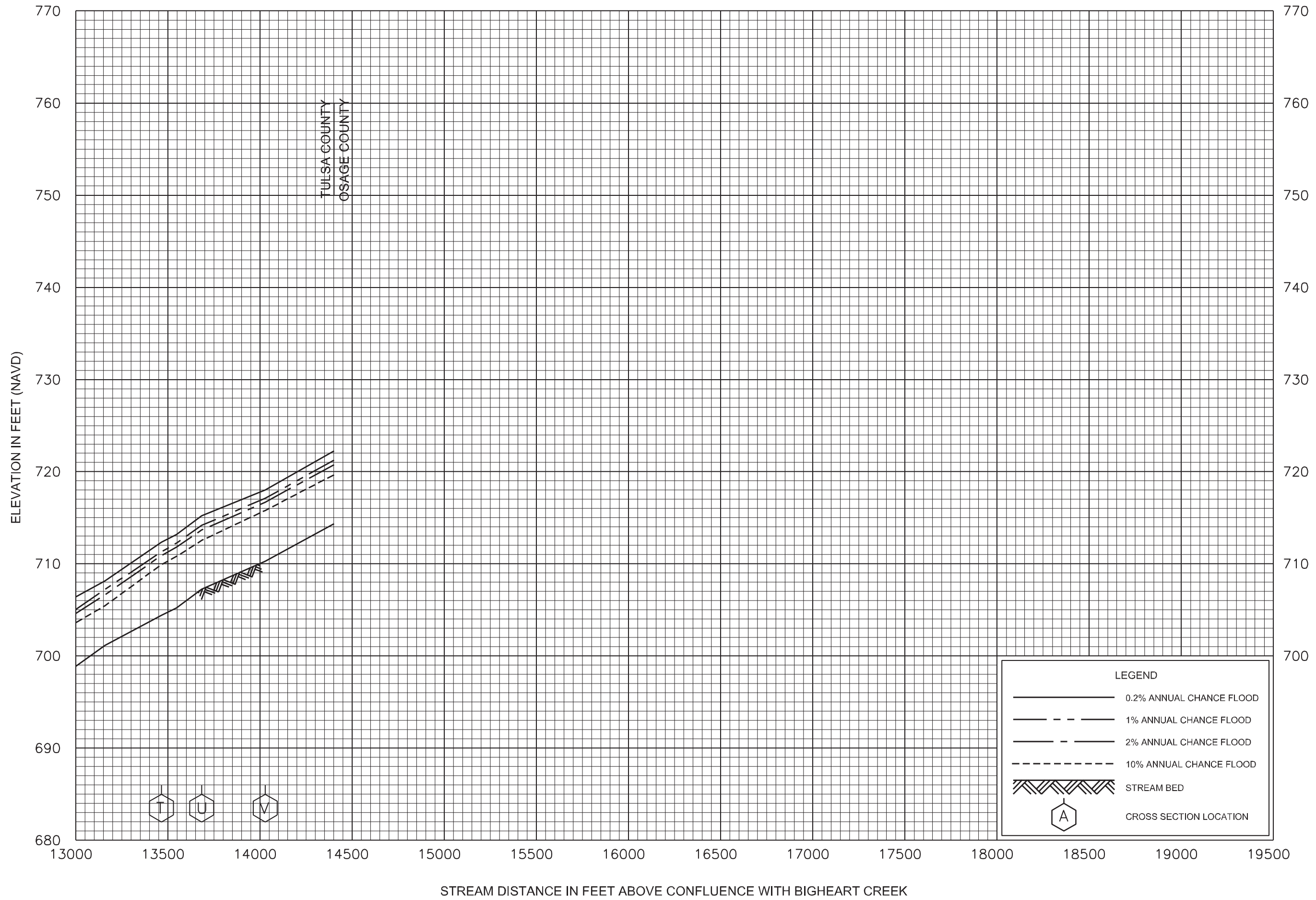


FLOOD PROFILES  
WEST BIGHEART CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

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



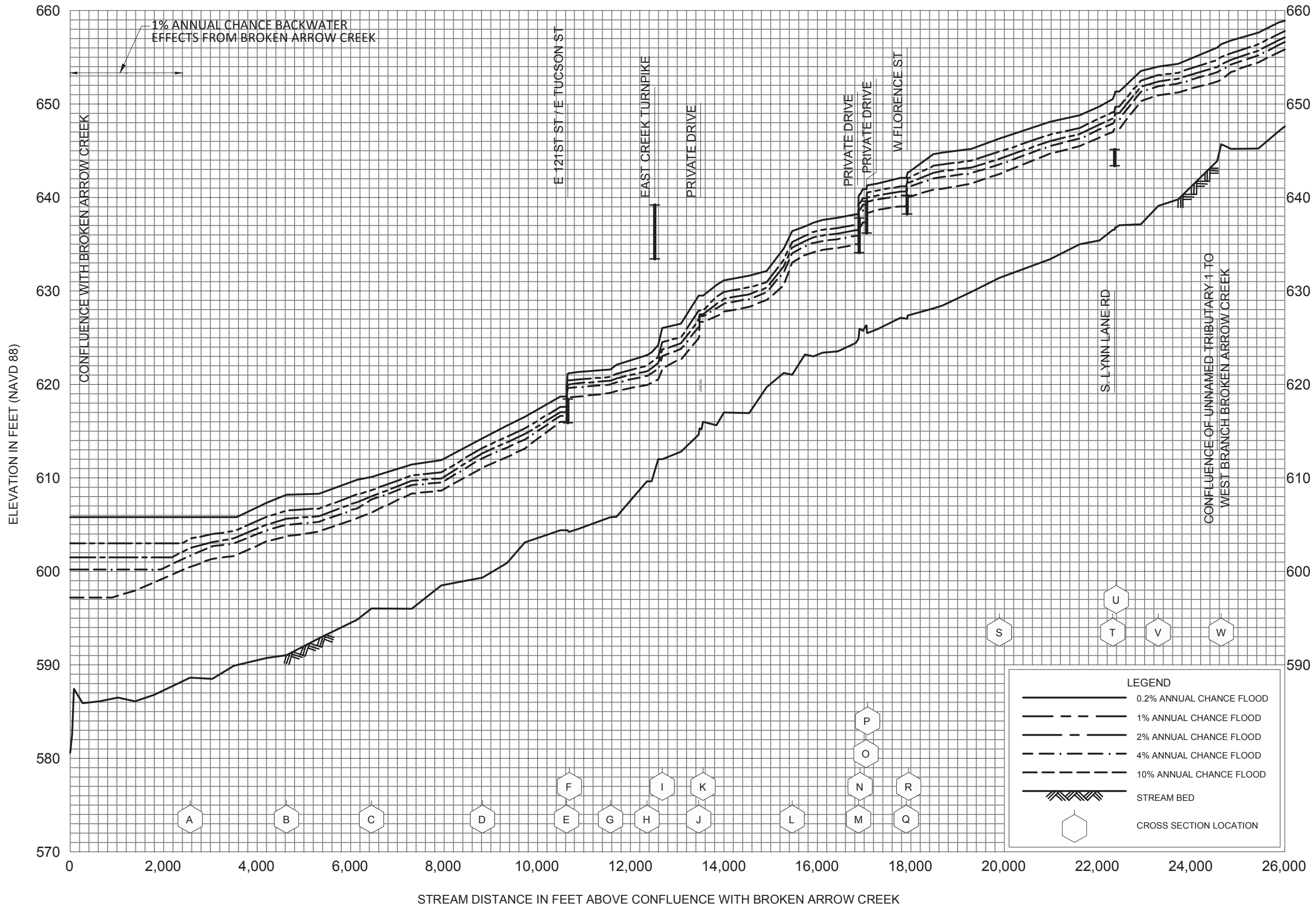


FLOOD PROFILES

WEST BIGHEART CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



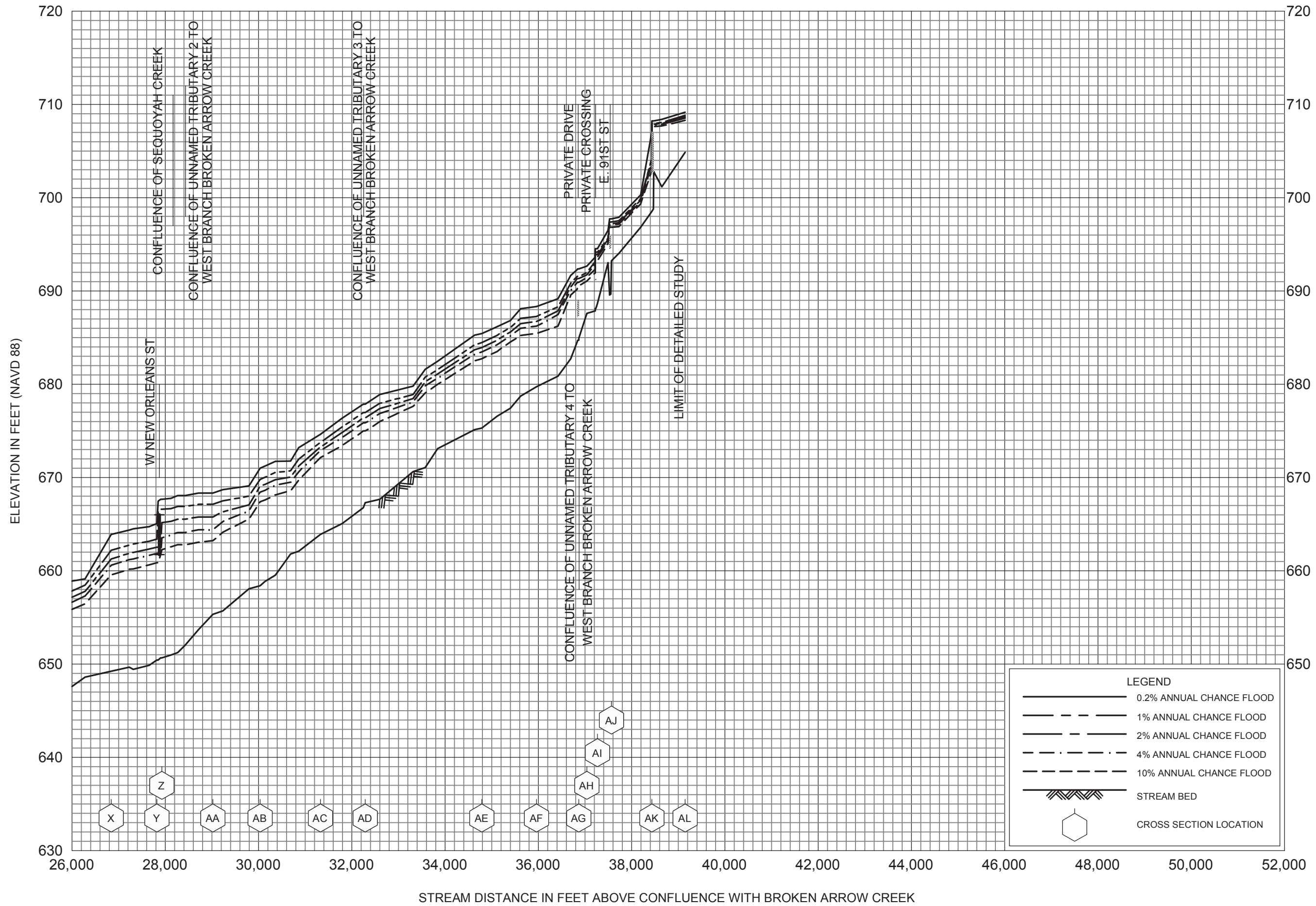
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BROKEN ARROW CREEK

FLOOD PROFILES

WEST BRANCH BROKEN ARROW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

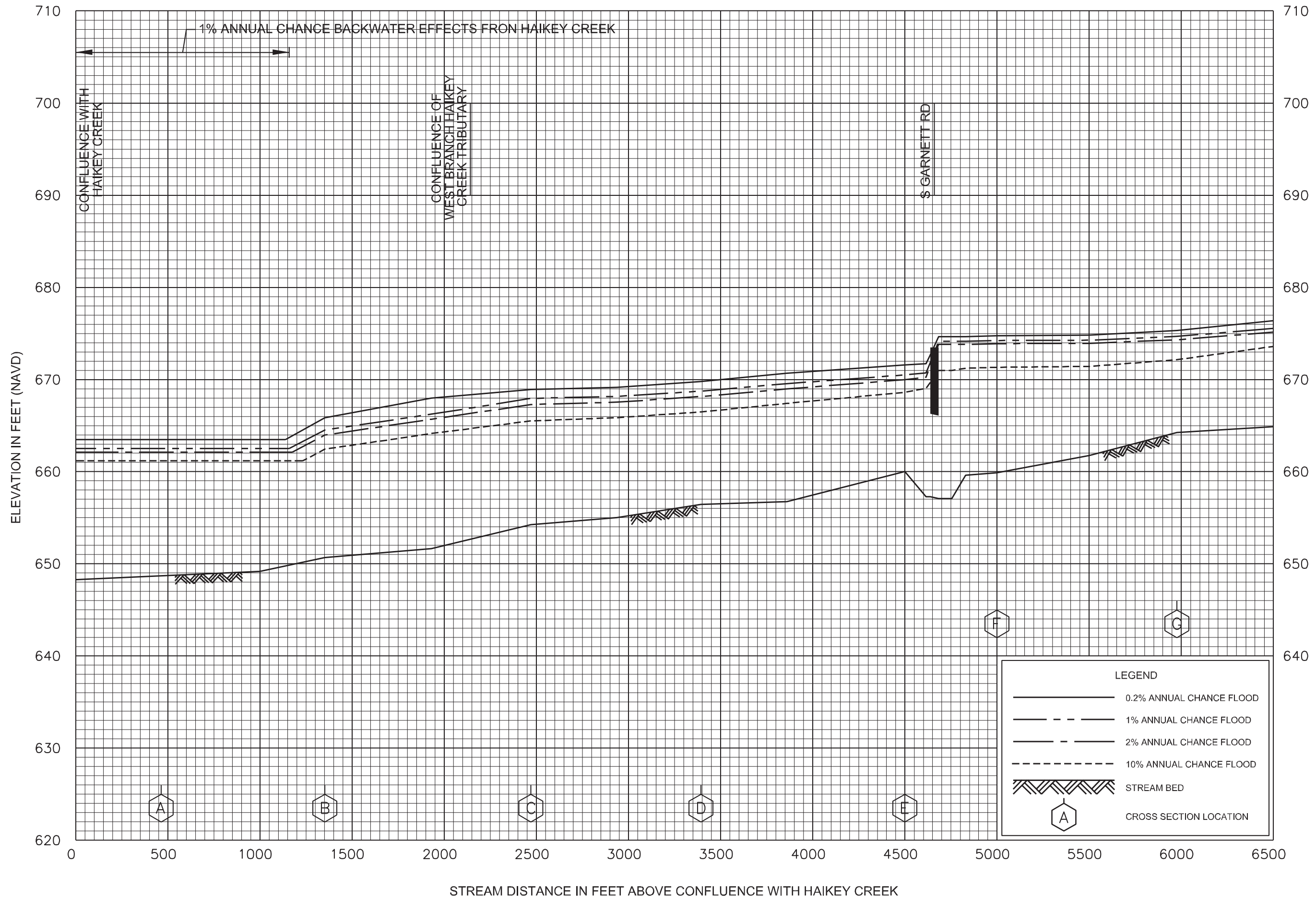
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES

WEST BRANCH BROKEN ARROW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 TULSA COUNTY, OK  
 AND INCORPORATED AREAS

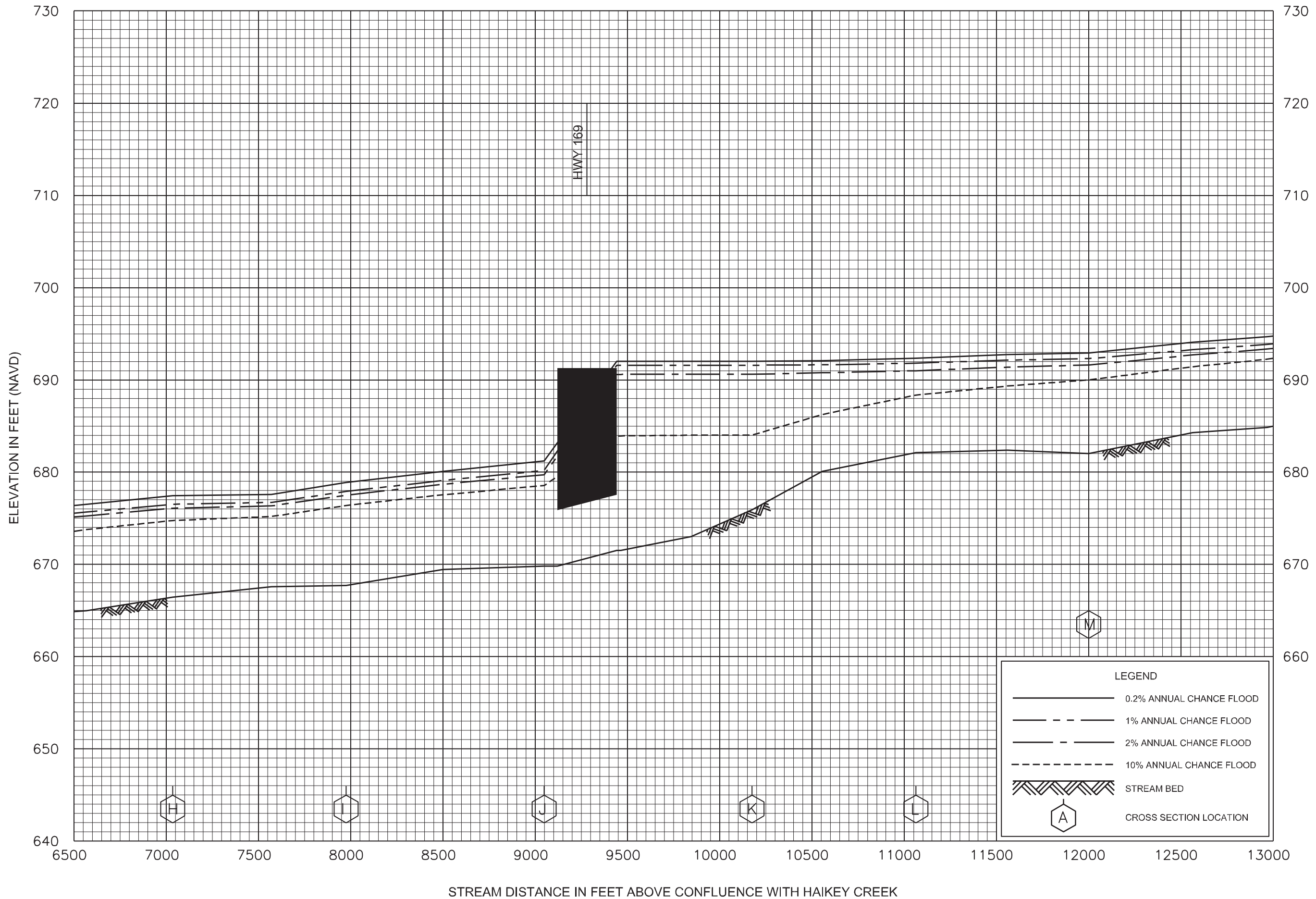


FLOOD PROFILES

WEST BRANCH HAIKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

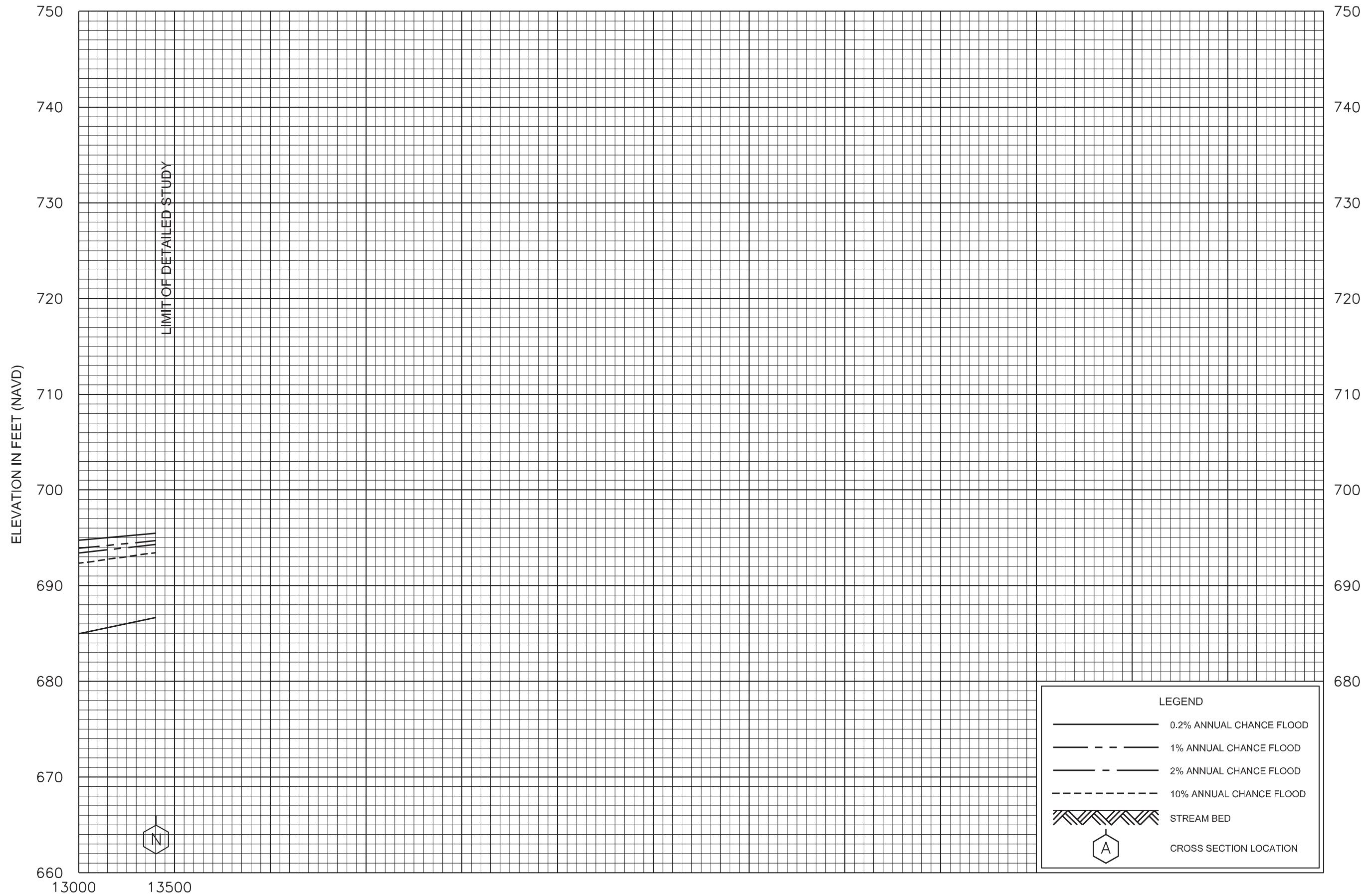


FLOOD PROFILES

WEST BRANCH HAIKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



**LEGEND**

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

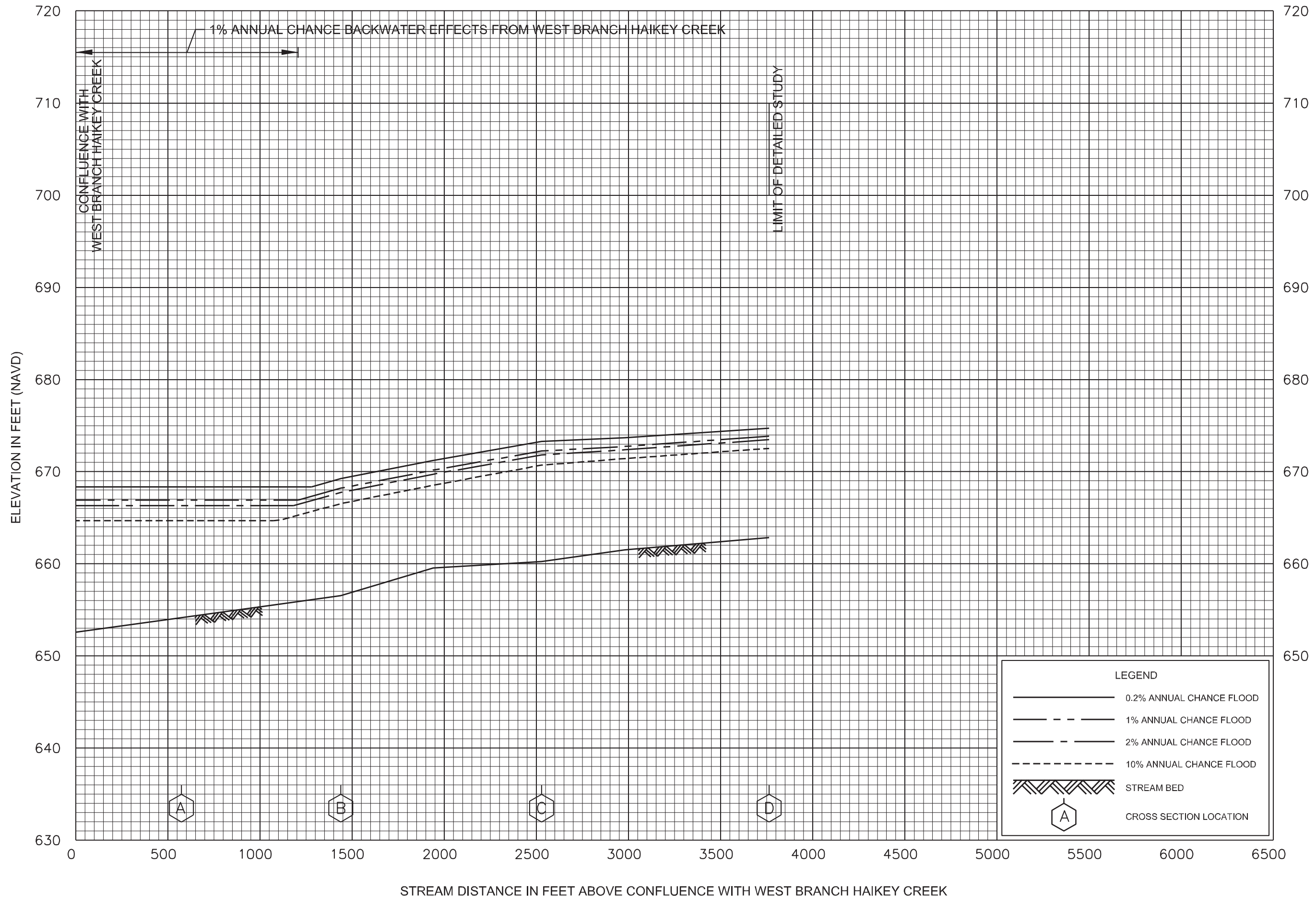
FLOOD PROFILES

WEST BRANCH HAIKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

347P

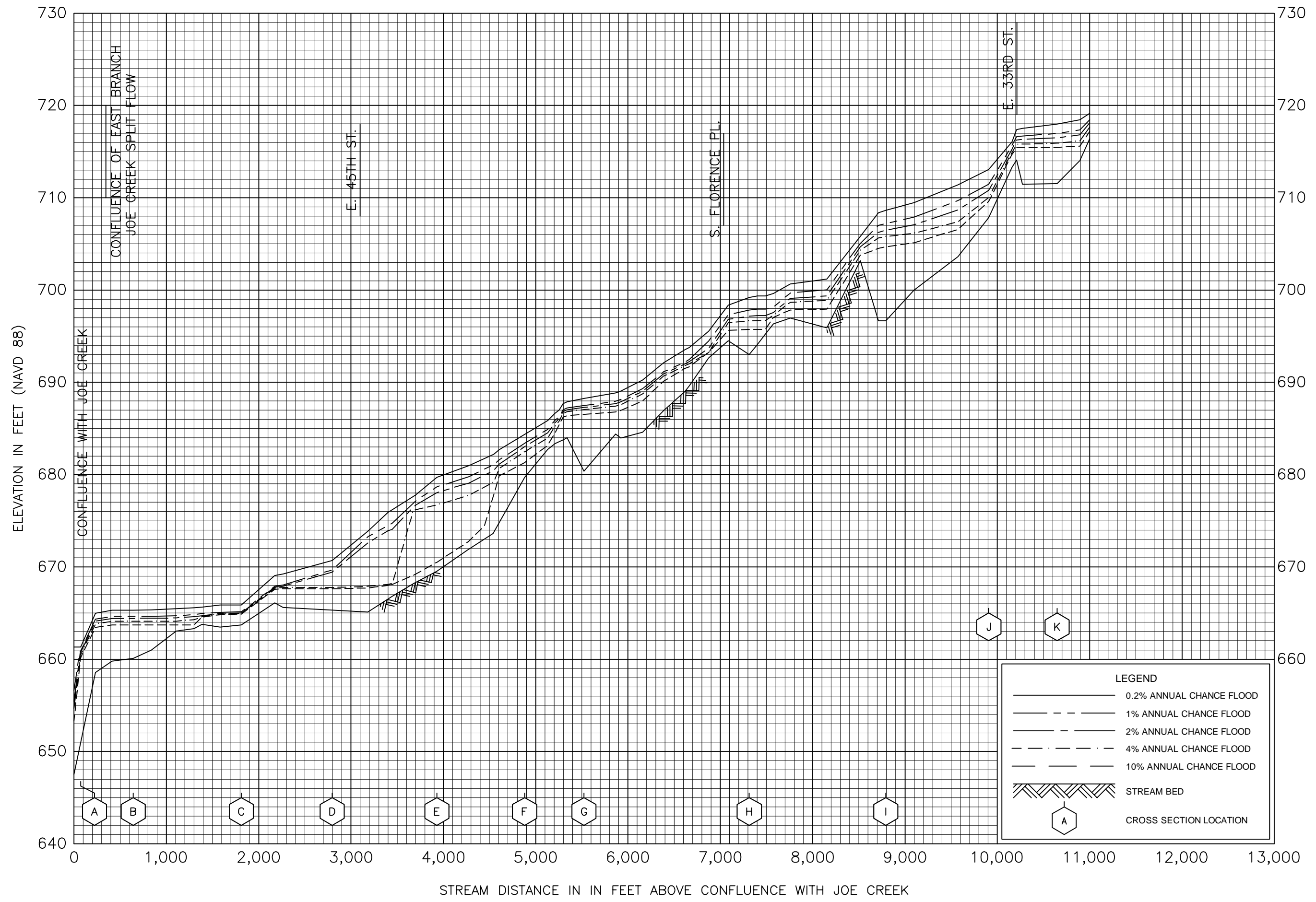


FLOOD PROFILES

WEST BRANCH HAIKEY CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



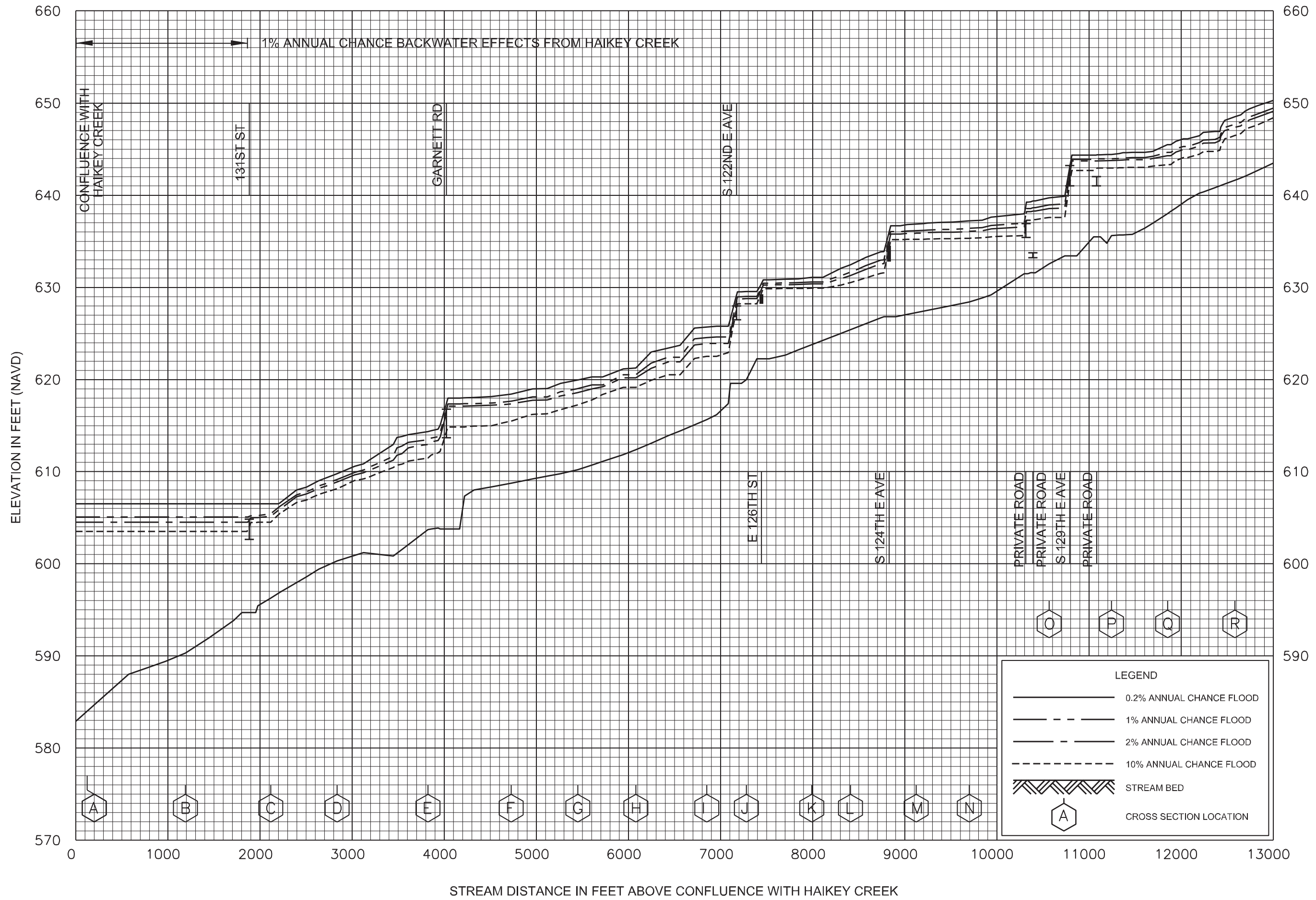
FLOOD PROFILES

WEST BRANCH JOE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS





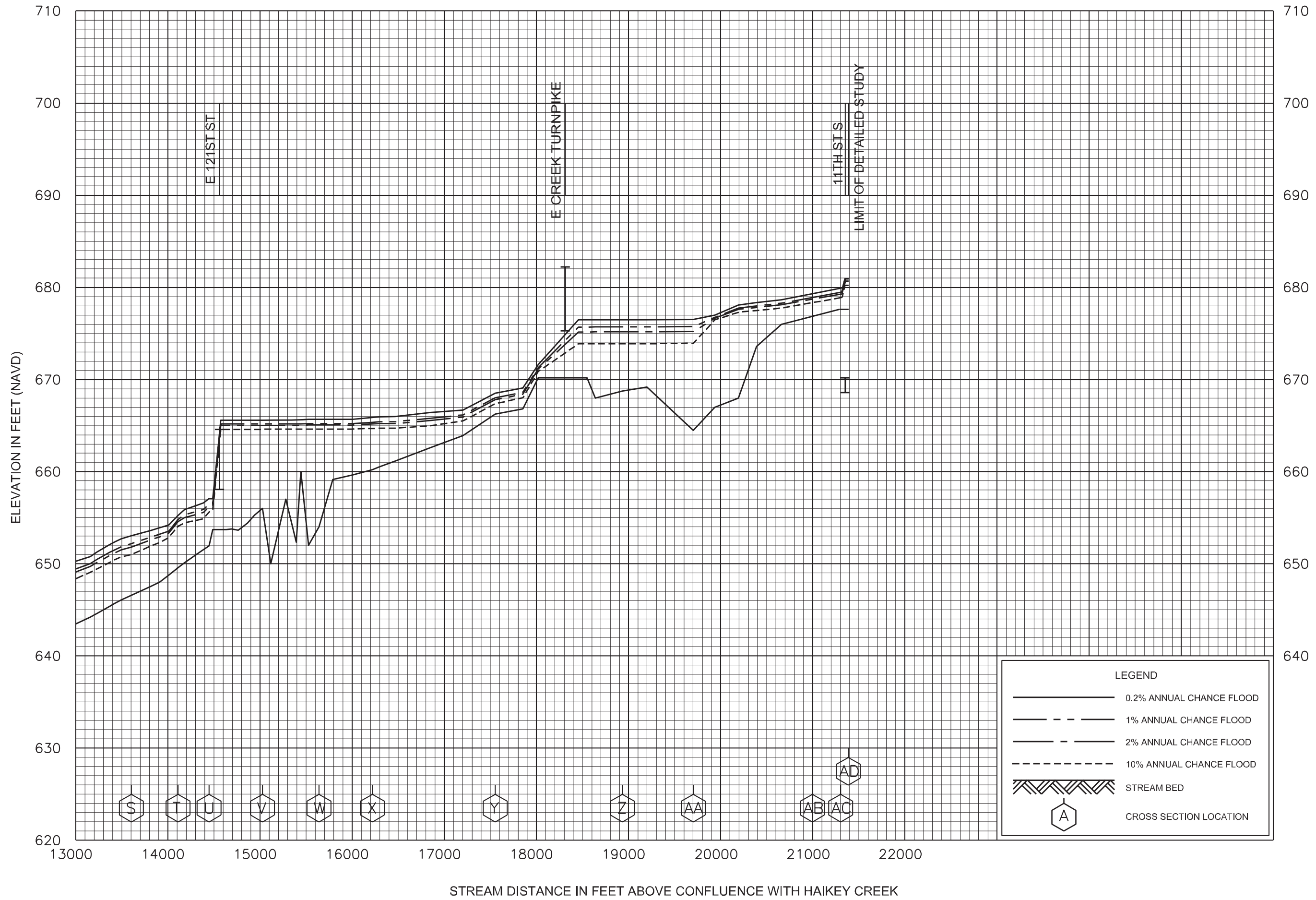


FLOOD PROFILES

WHITE CHURCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



**LEGEND**

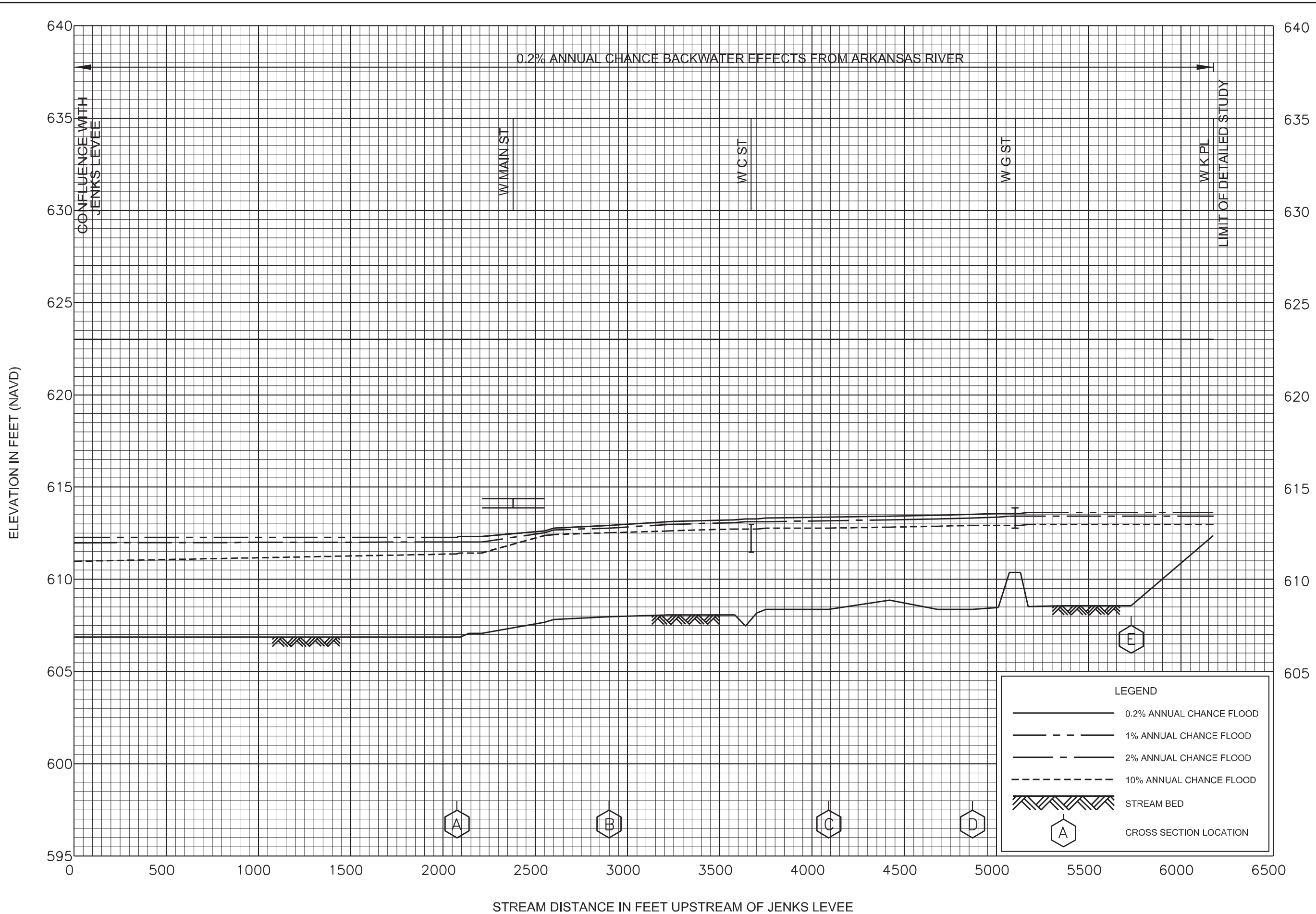
- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES

WHITE CHURCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



**FLOOD PROFILES**

**WILMOTT CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**

AND INCORPORATED AREAS