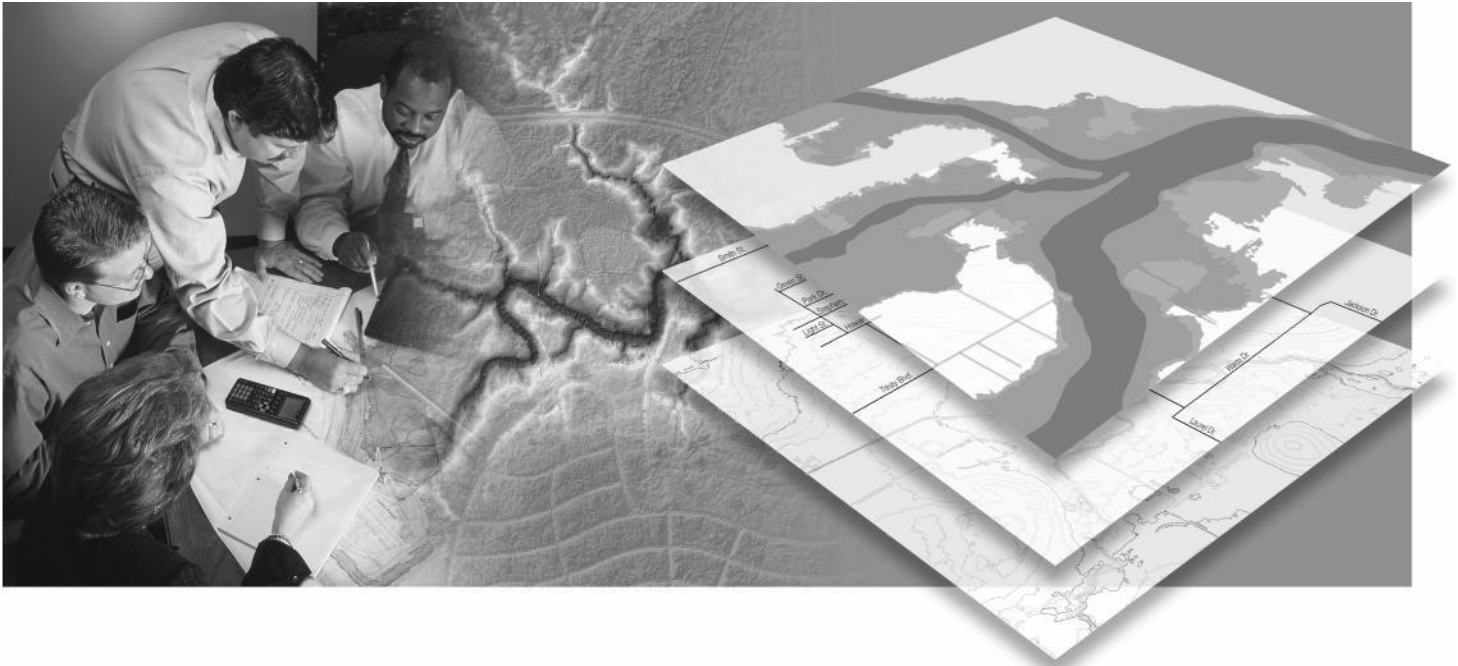
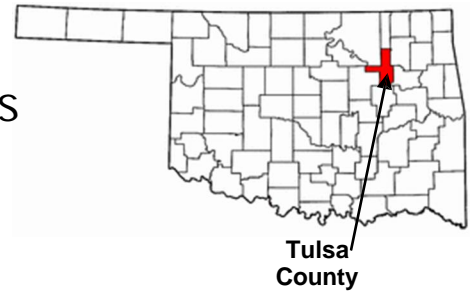


# Flood Insurance Study

Tulsa County, Oklahoma and Incorporated Areas

VOLUME 4 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  
40143CV004E



# 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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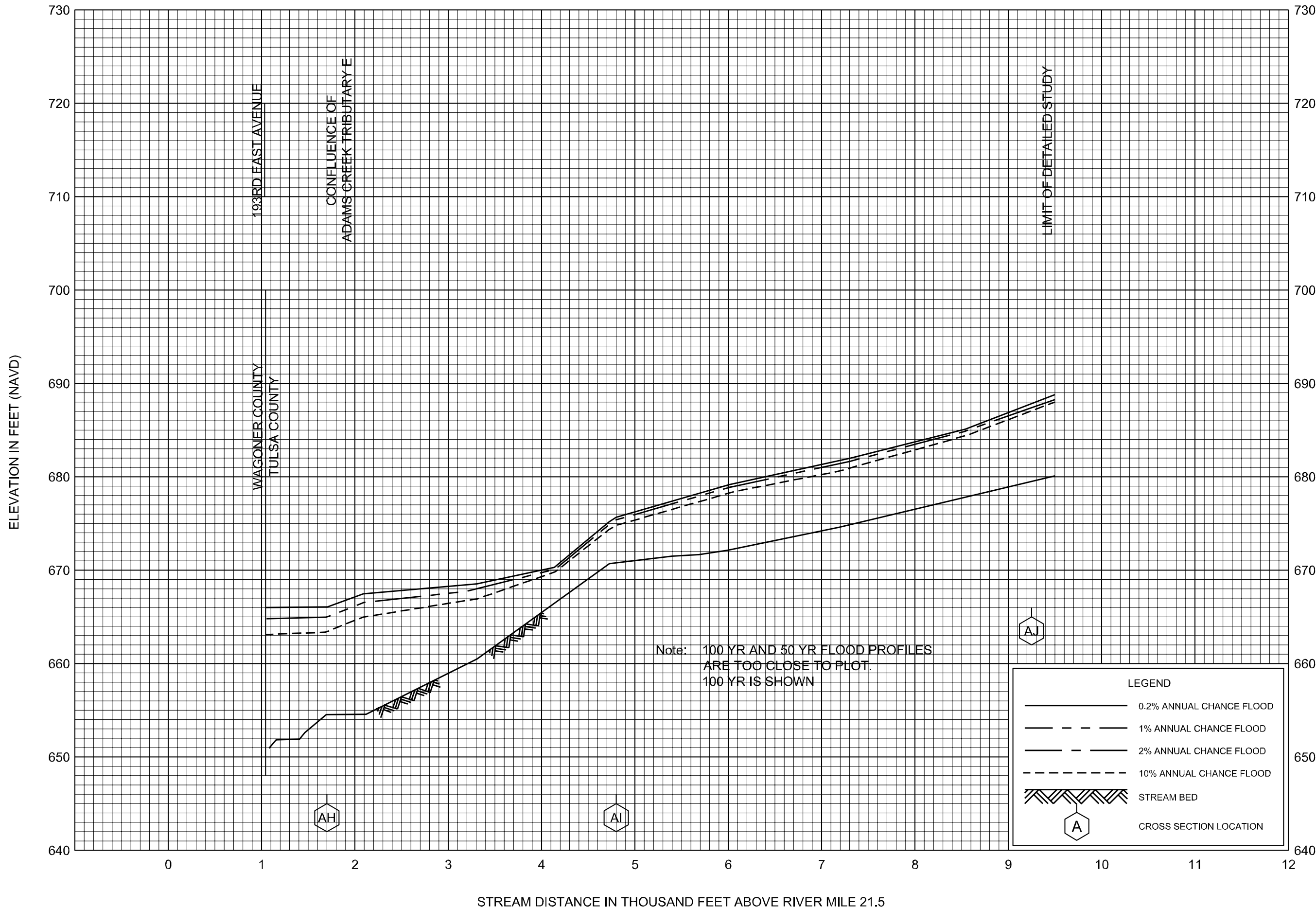
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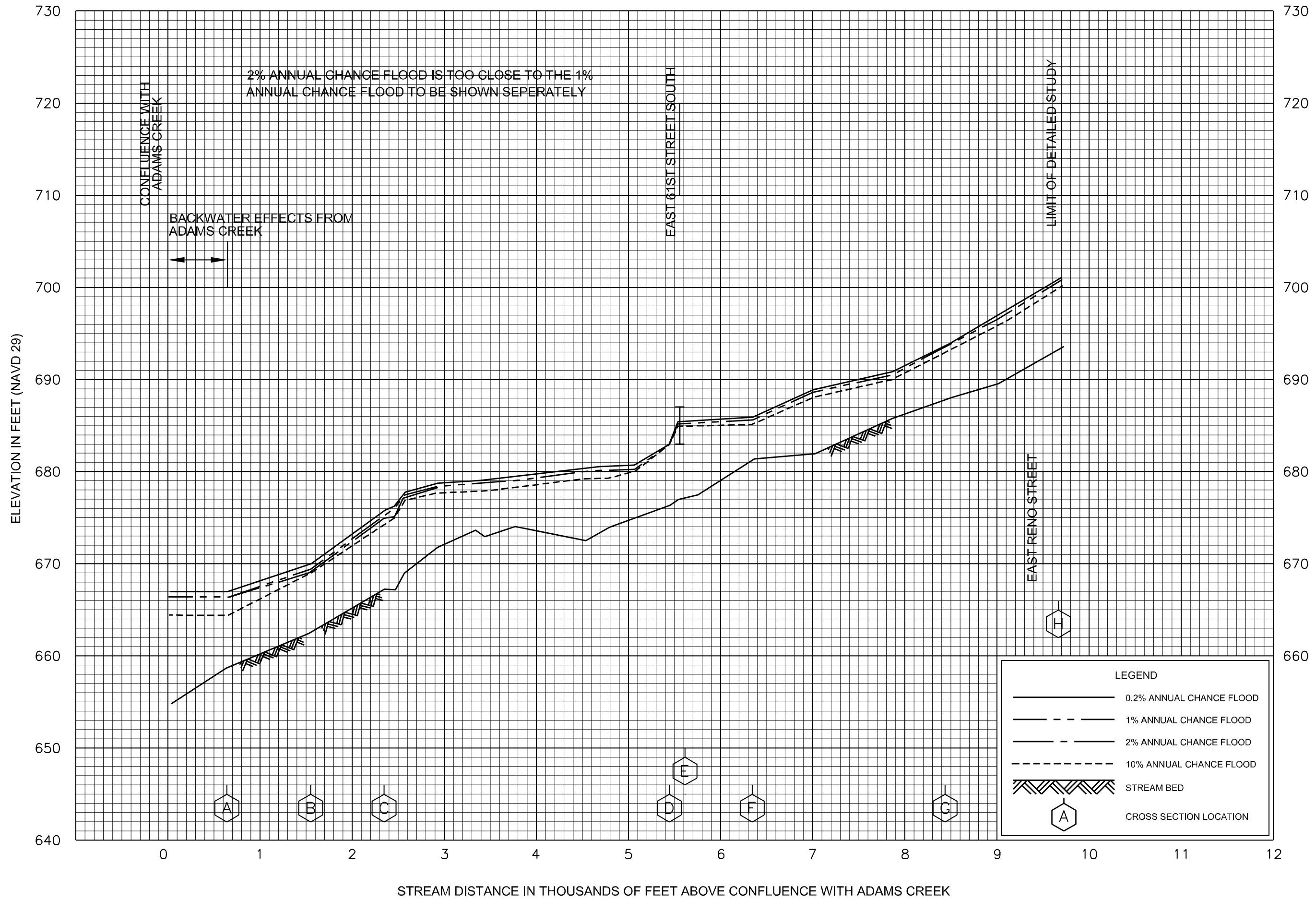
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ADAMS CREEK

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TULSA COUNTY, OK  
AND INCORPORATED AREAS

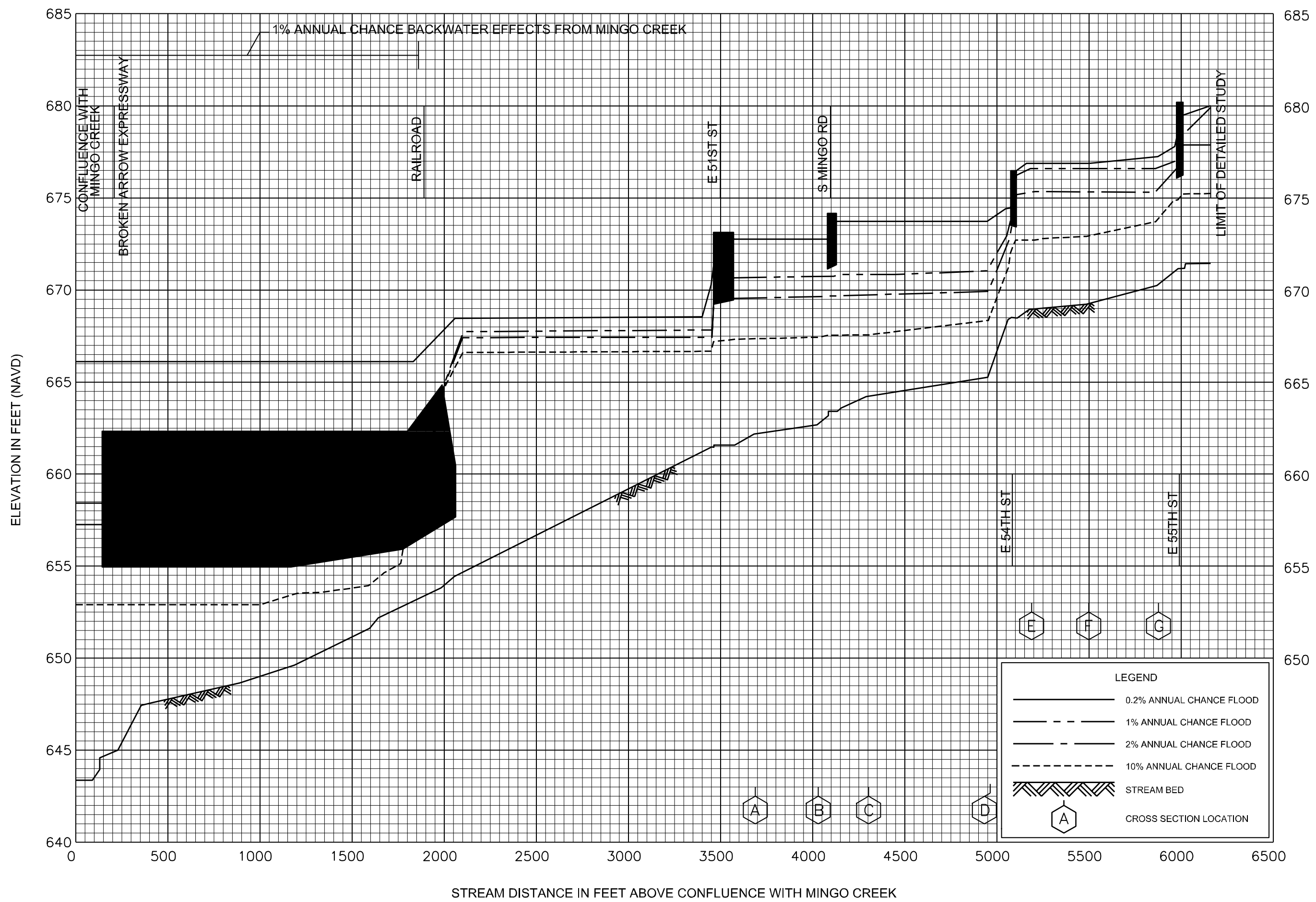


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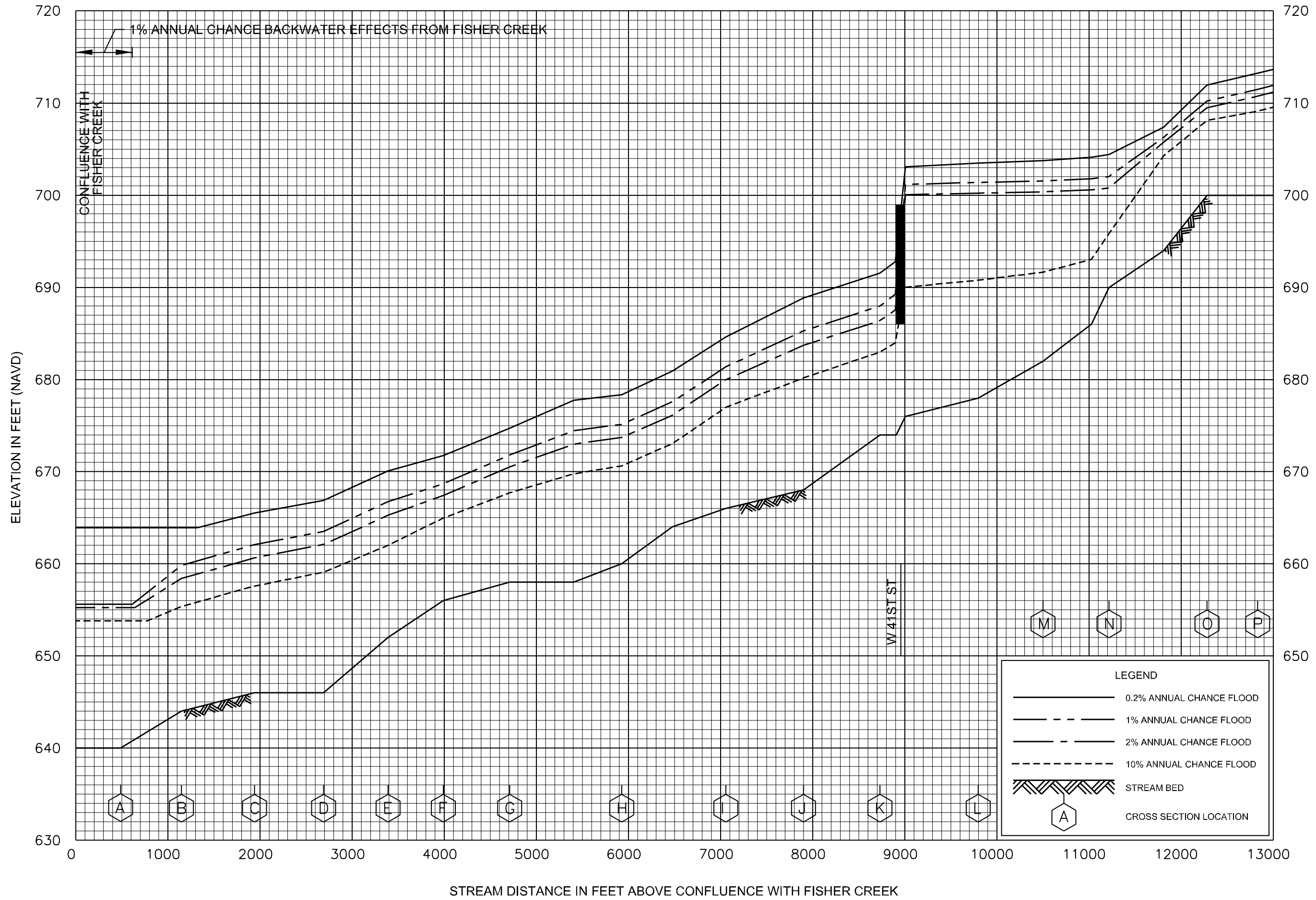
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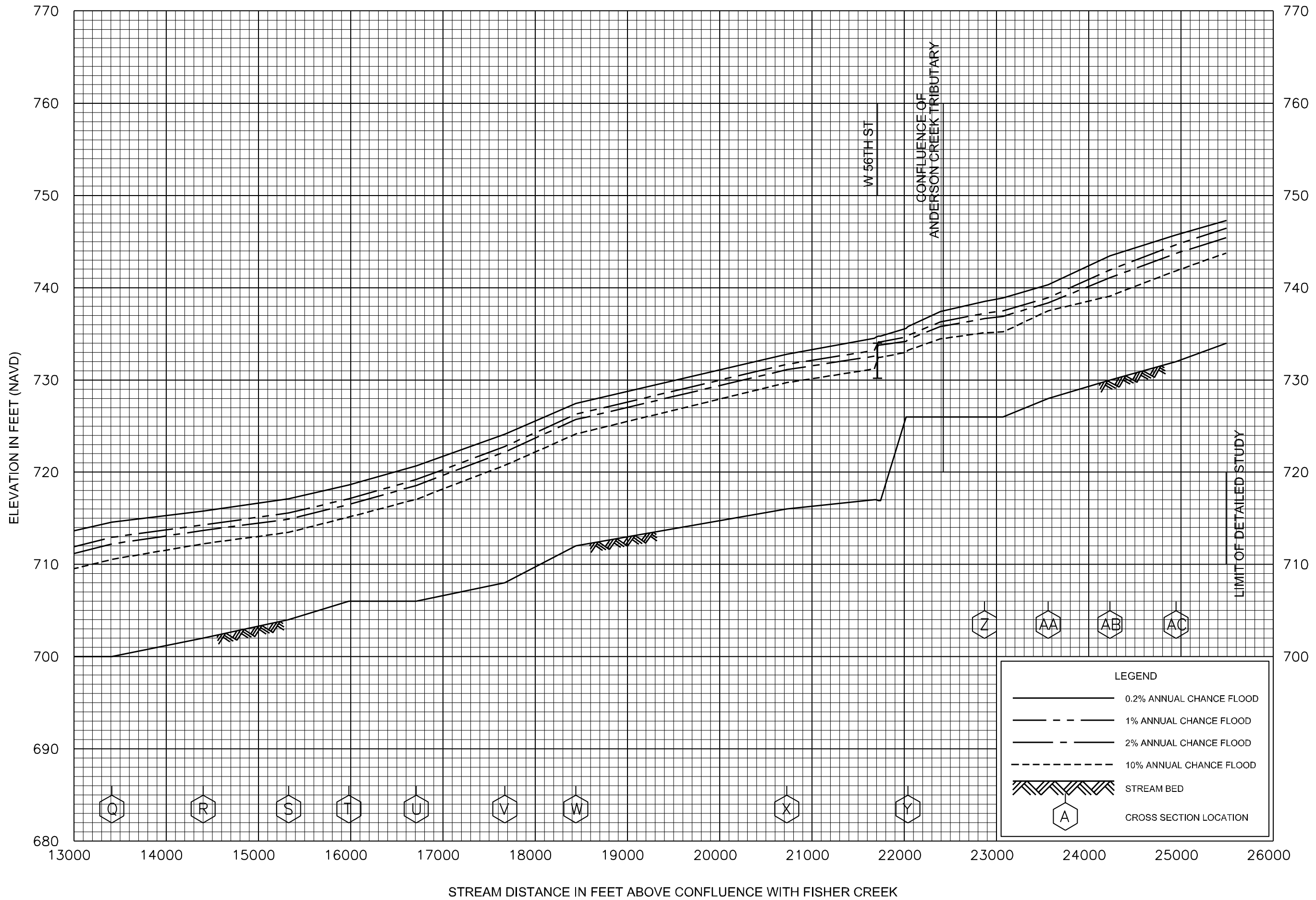
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AND INCORPORATED AREAS



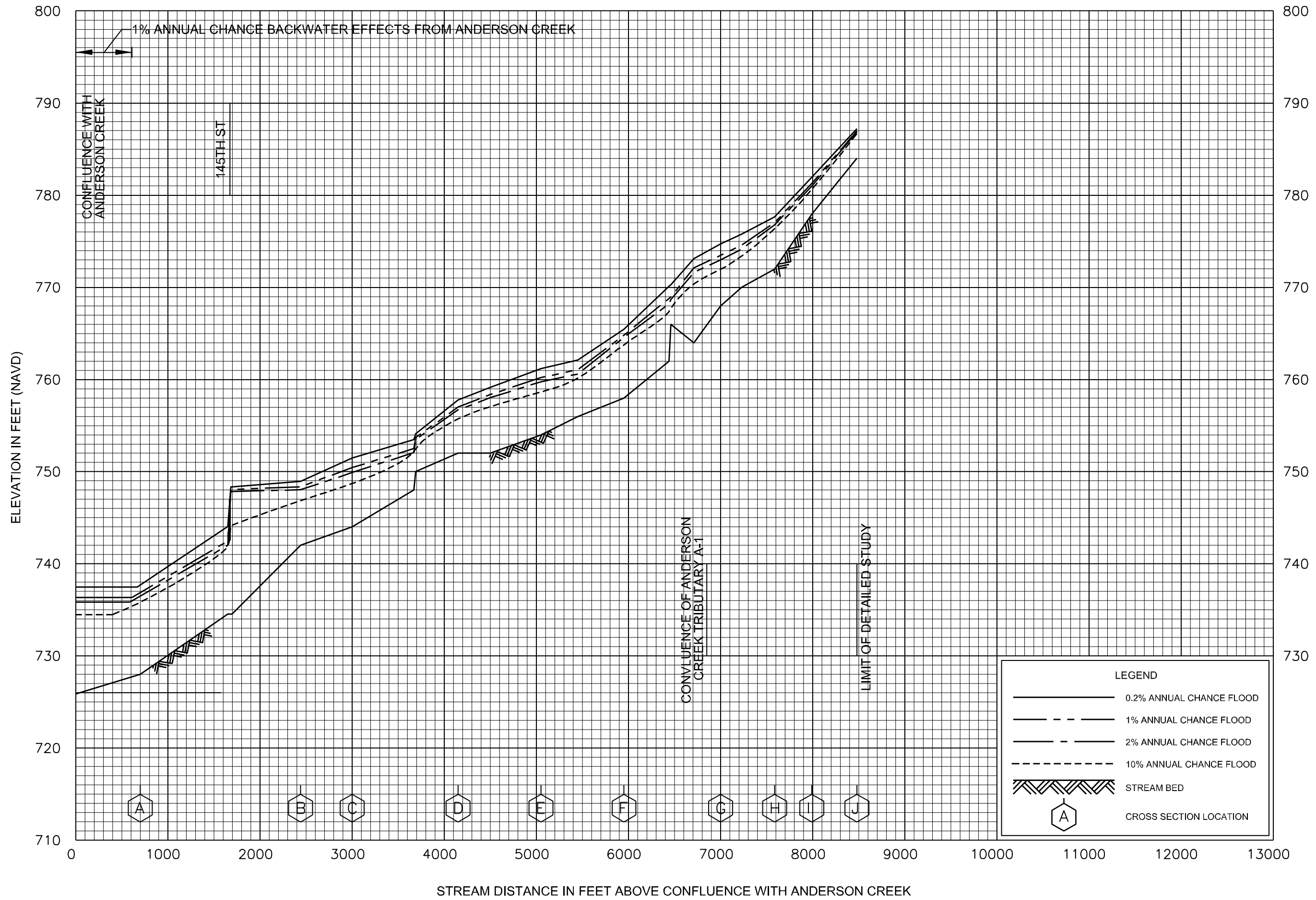
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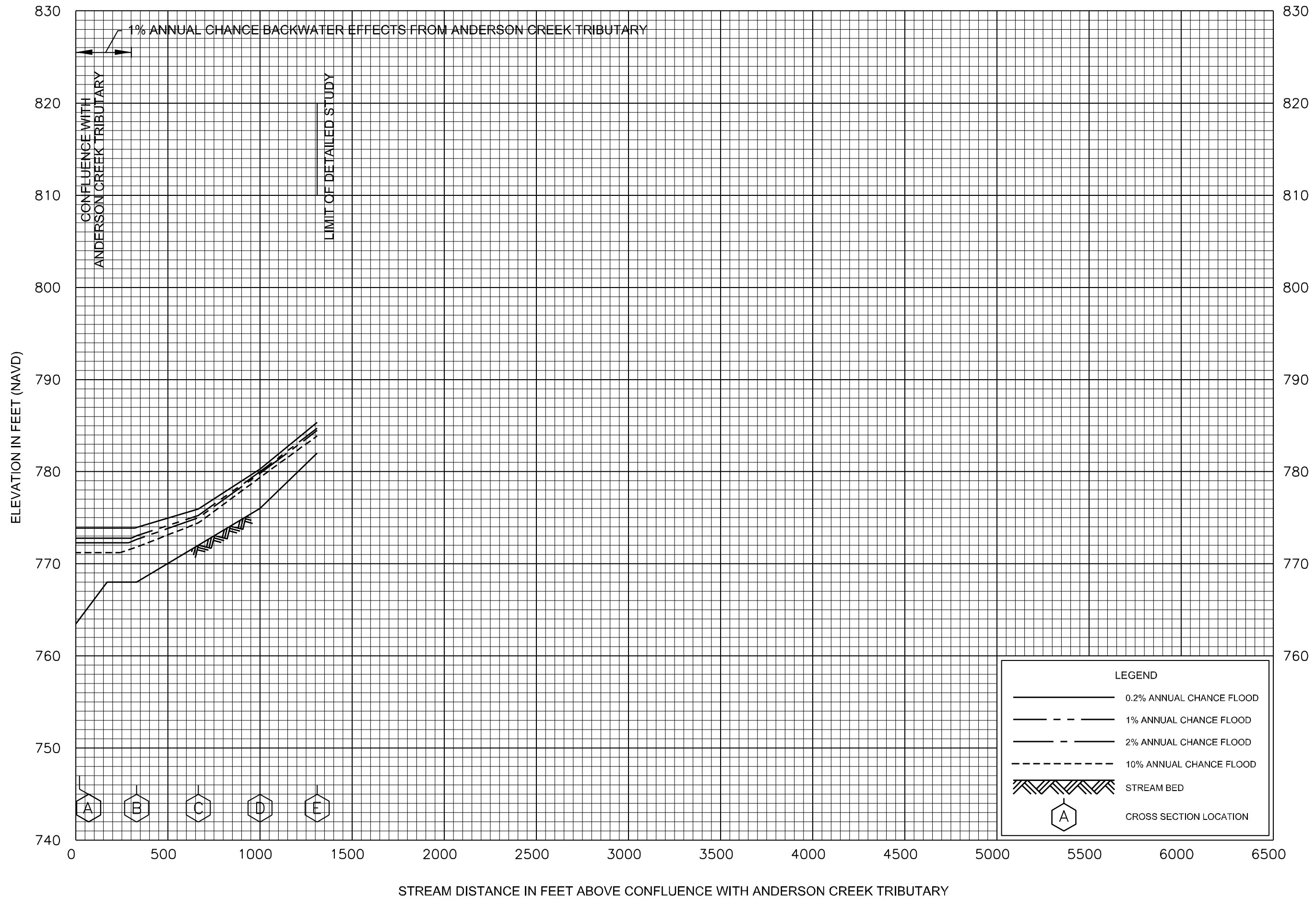


FLOOD PROFILES  
ANDERSON CREEK

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

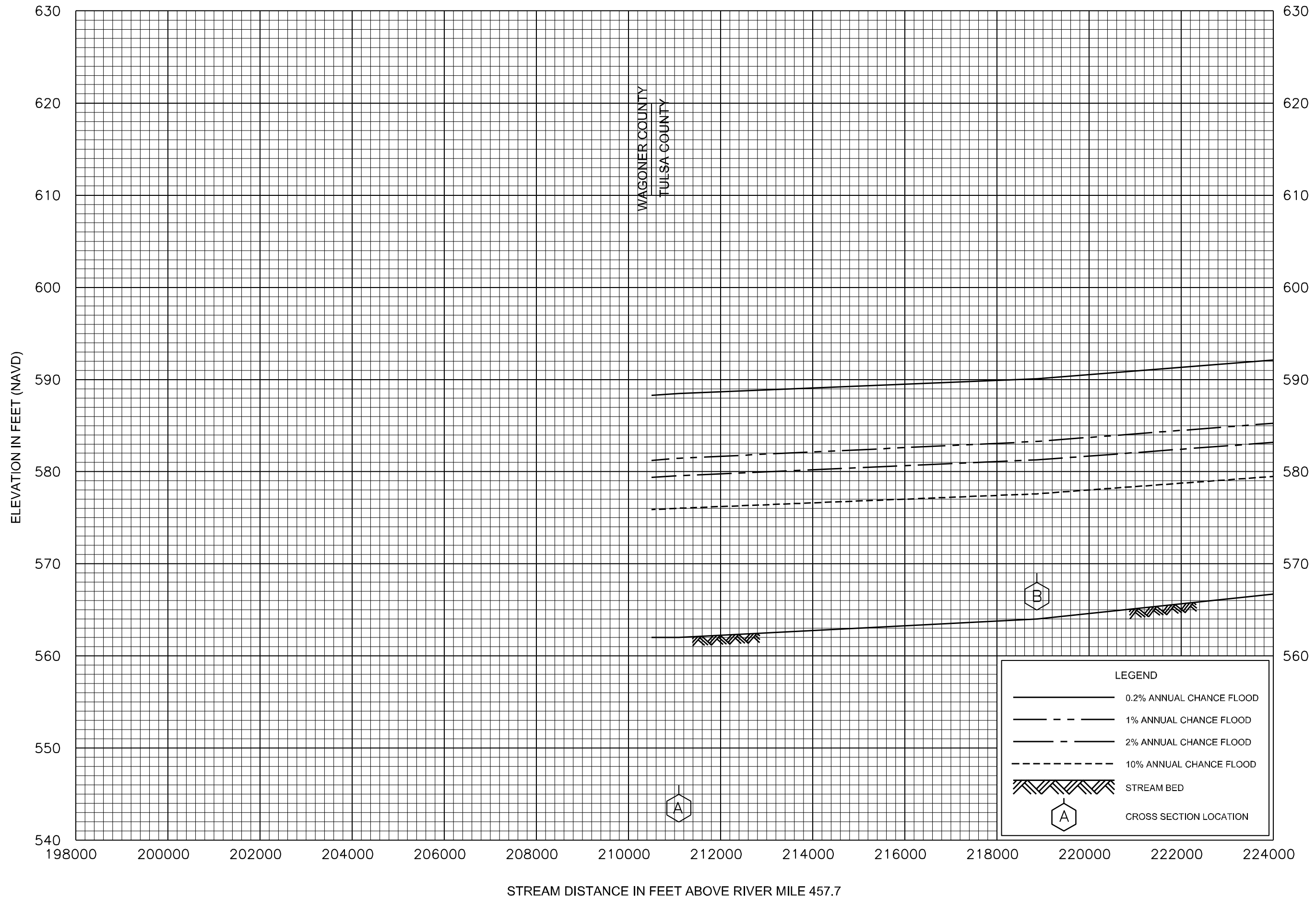


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ANDERSON CREEK TRIBUTARY A-1

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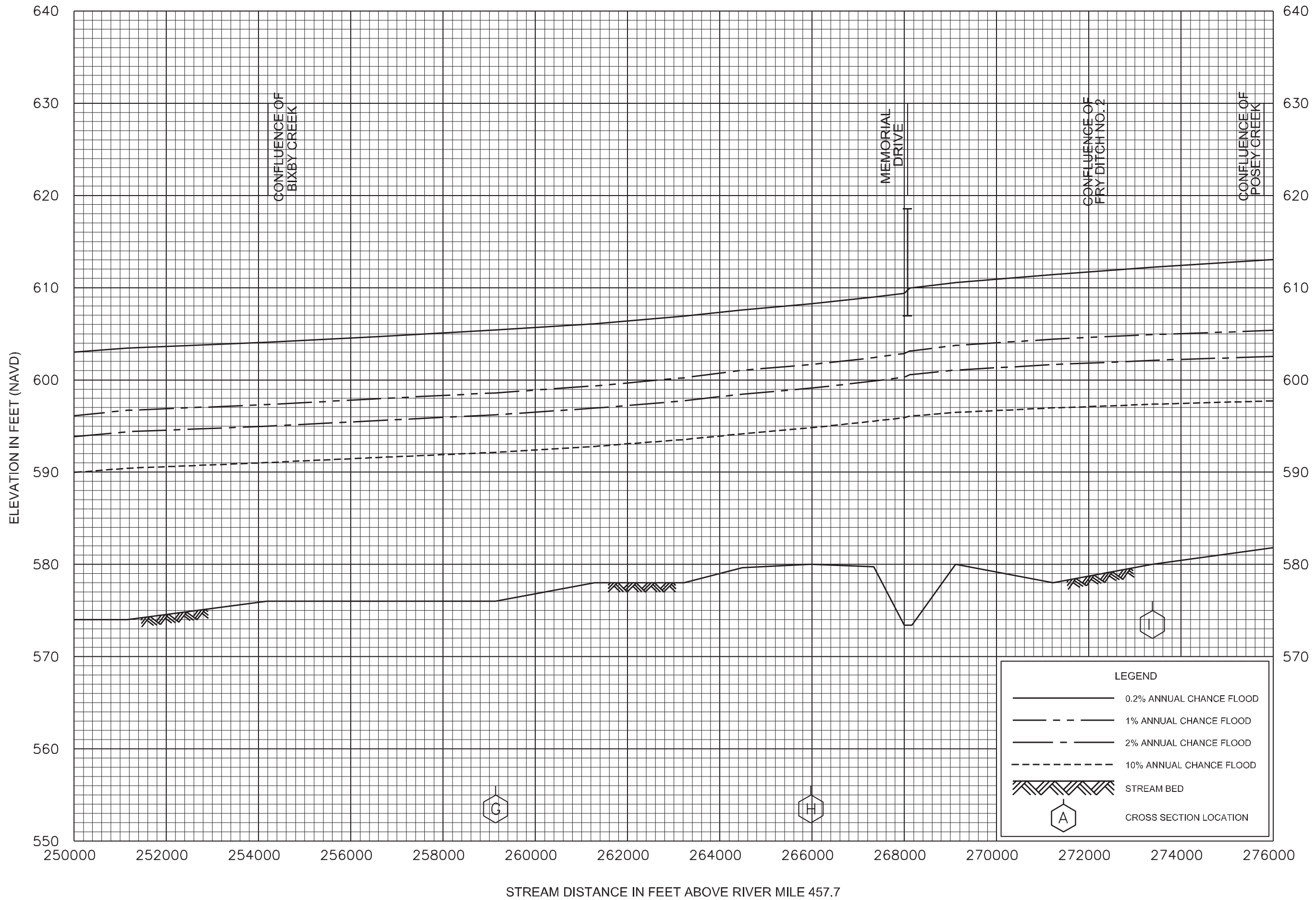
ARKANSAS RIVER

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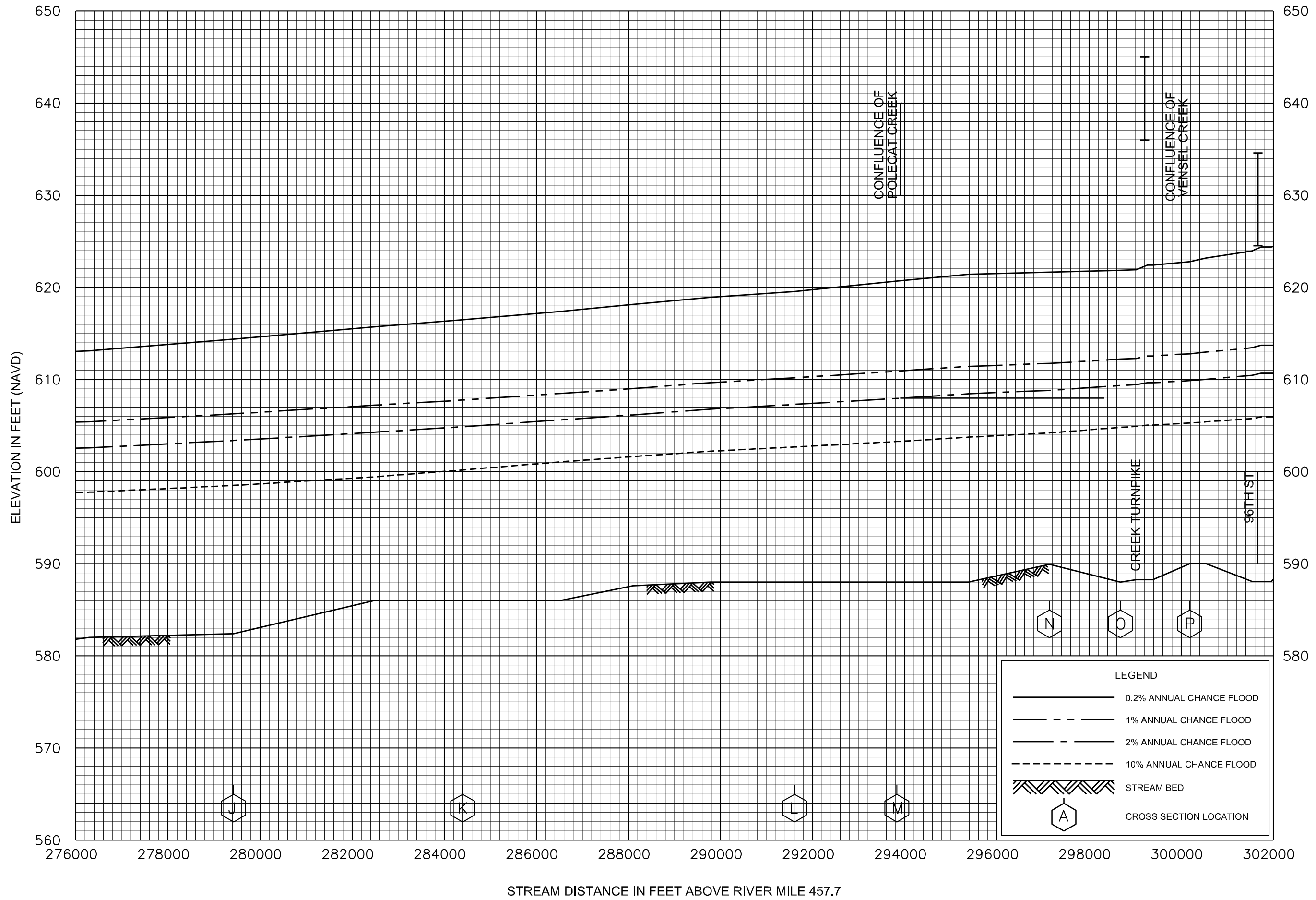






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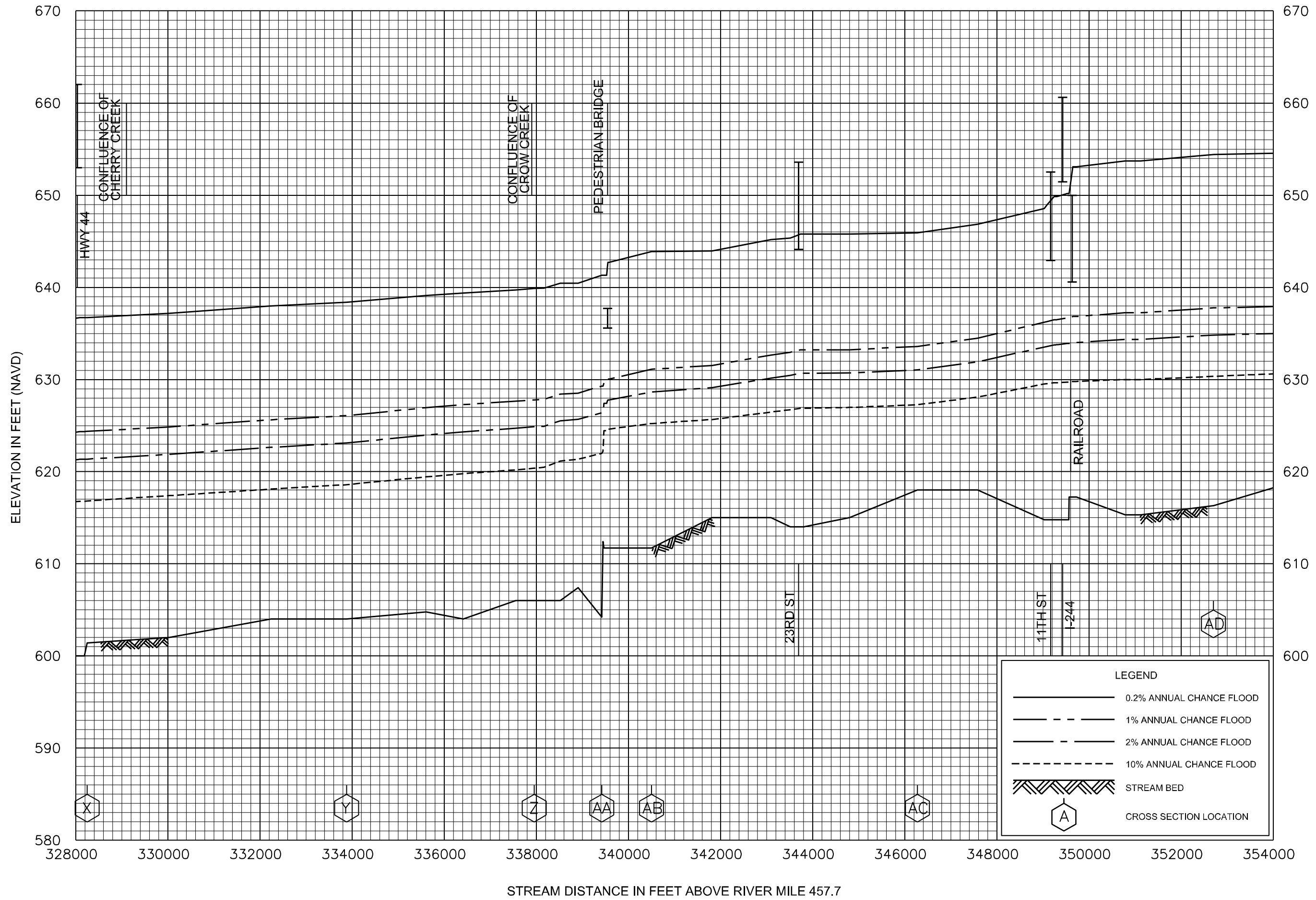
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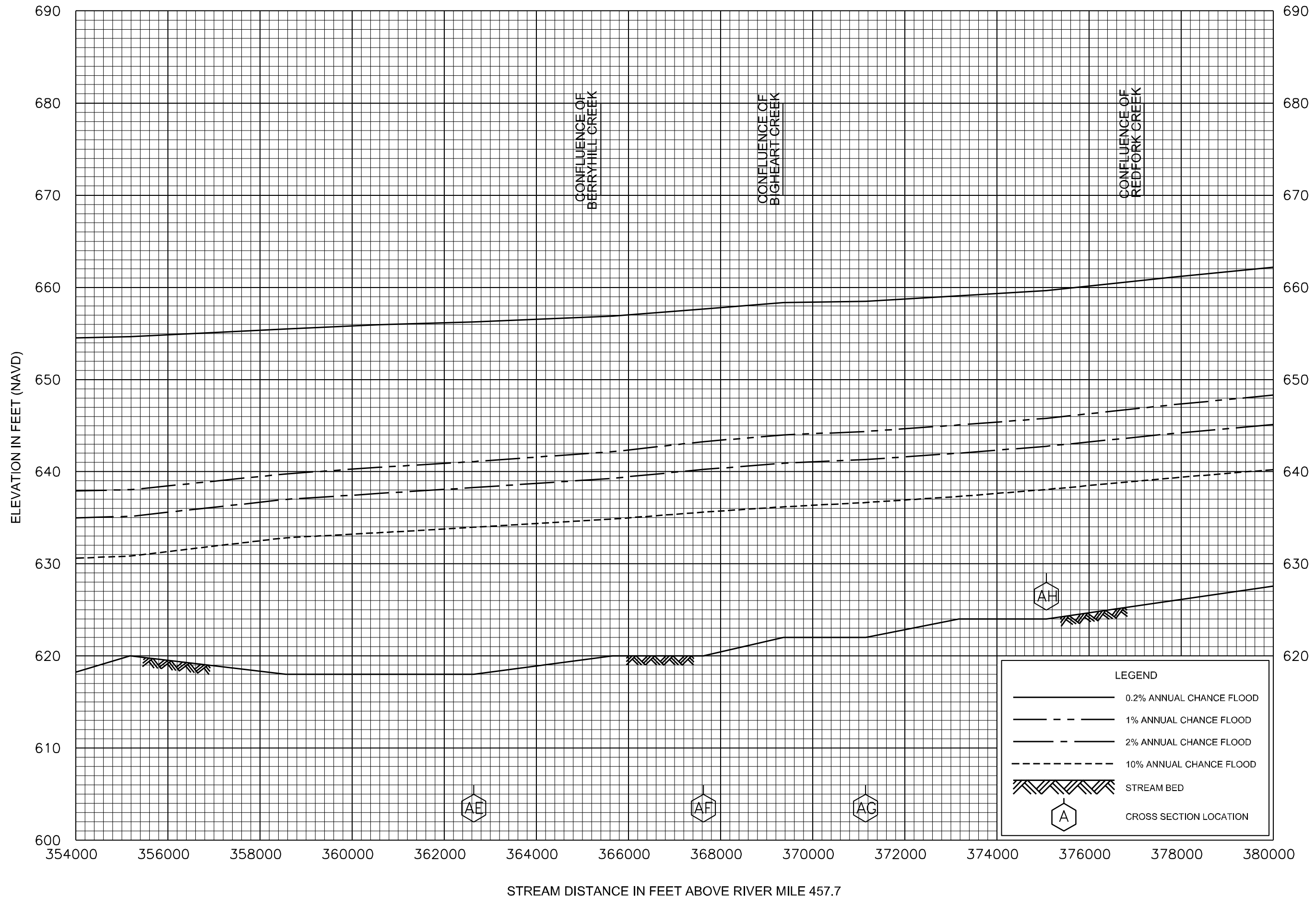
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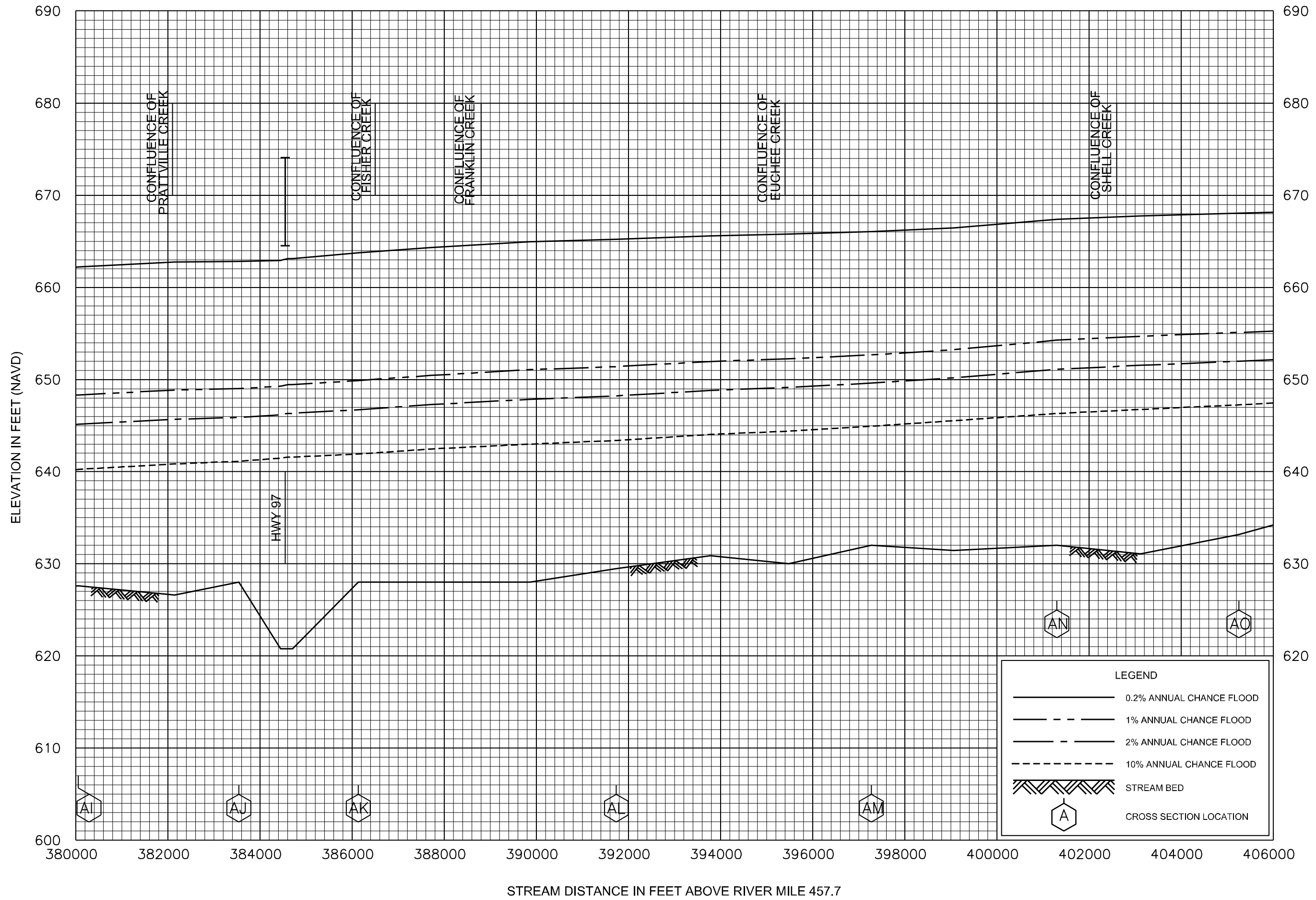
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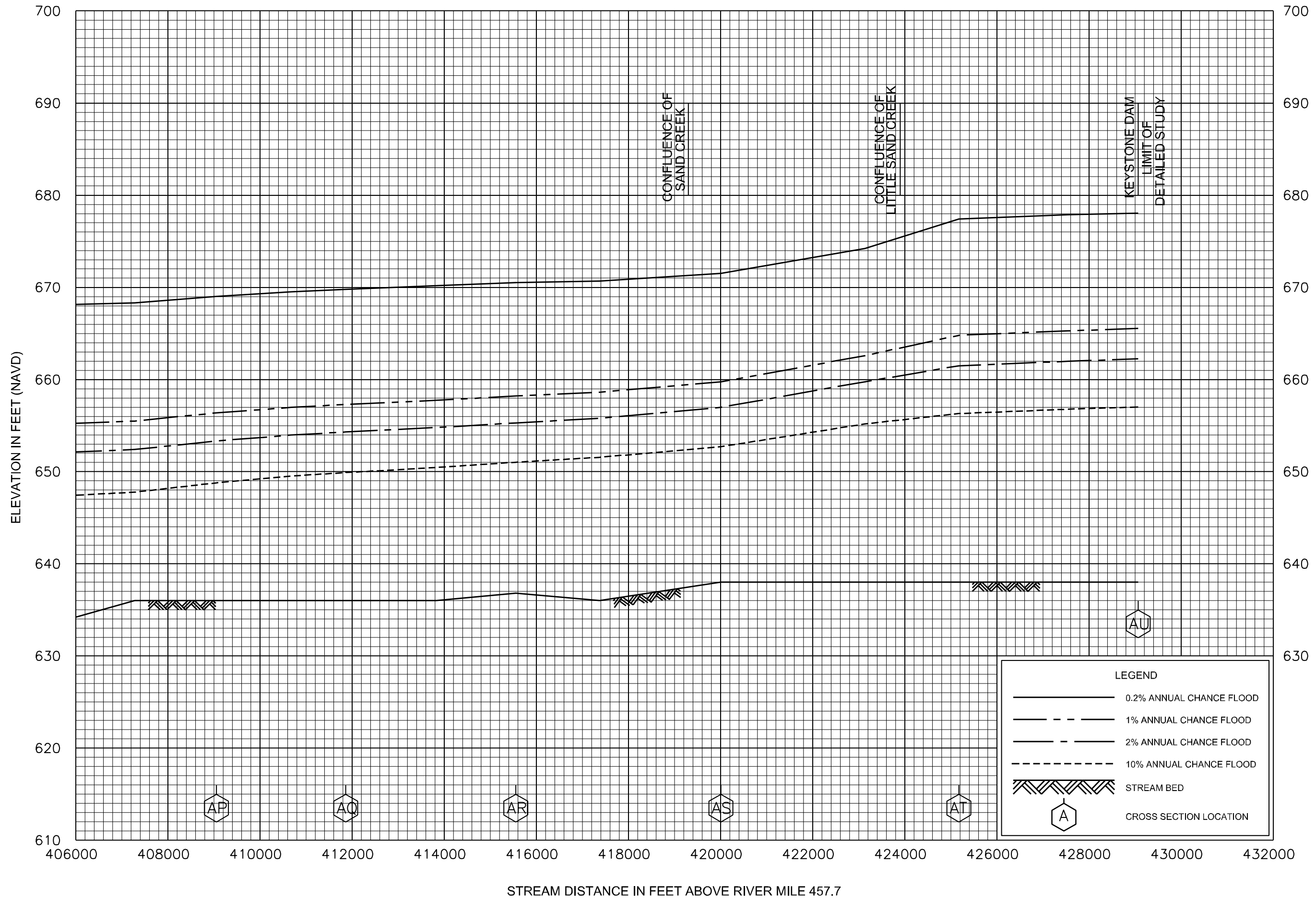
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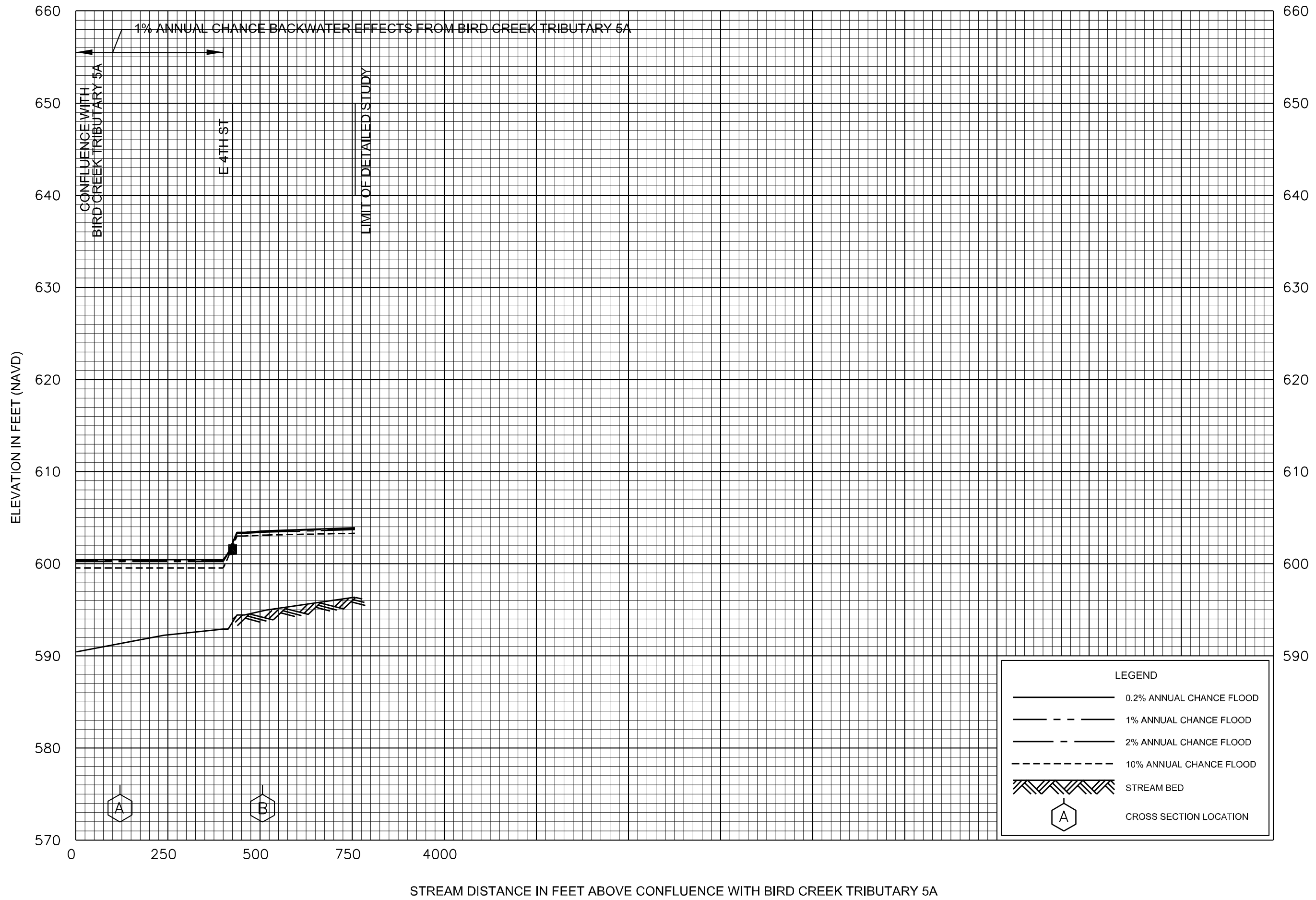
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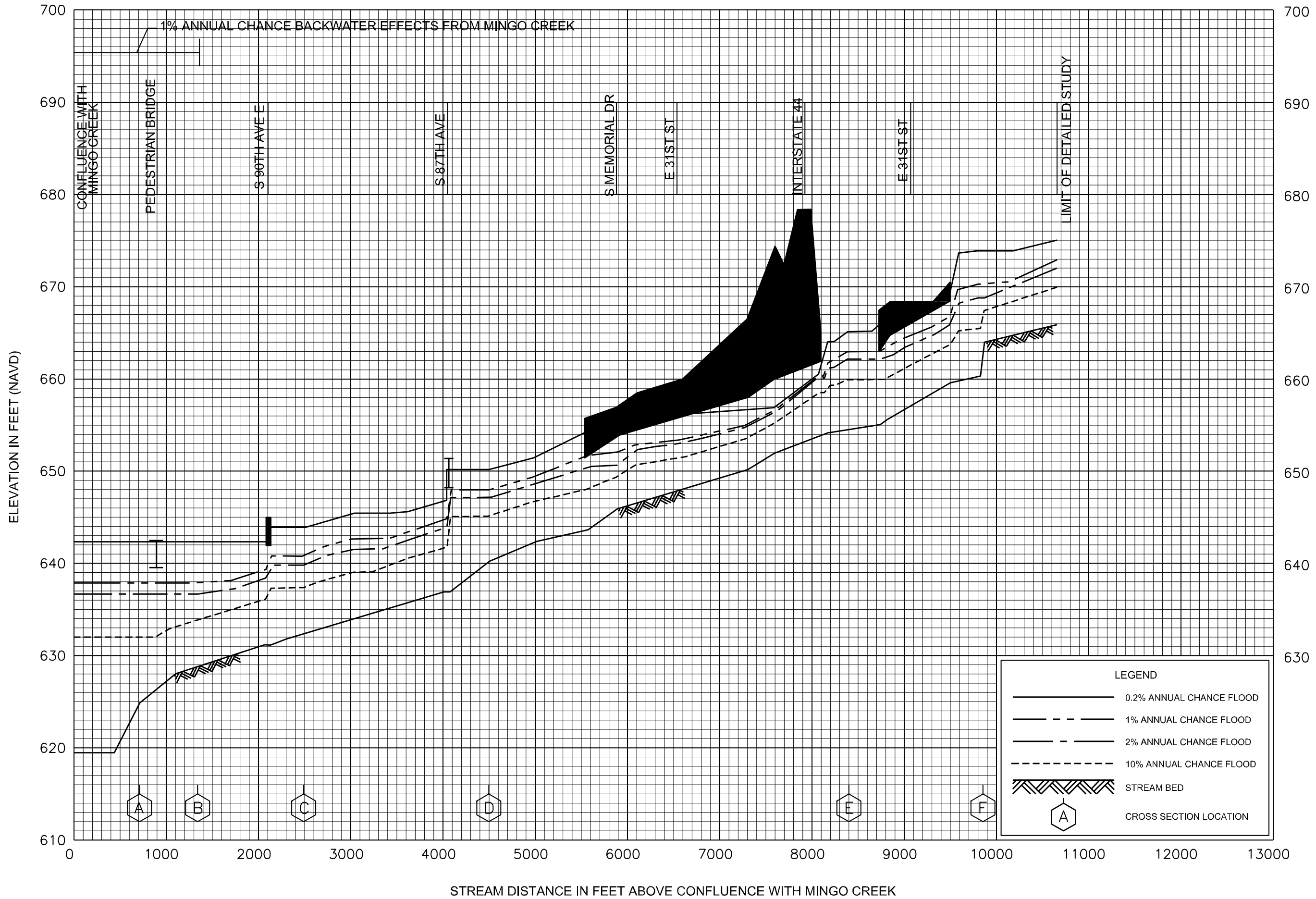


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- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

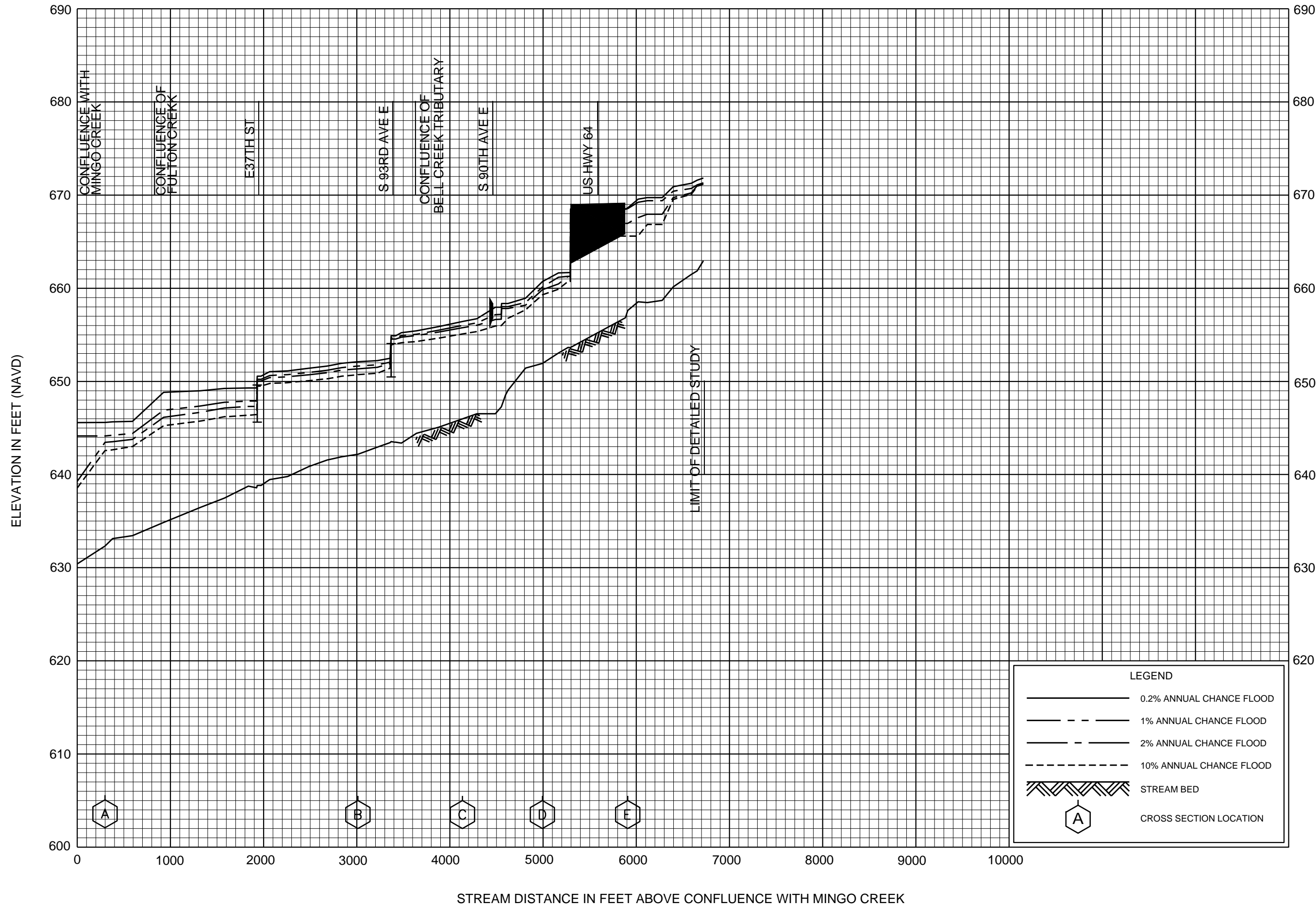
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AUDUBON CREEK

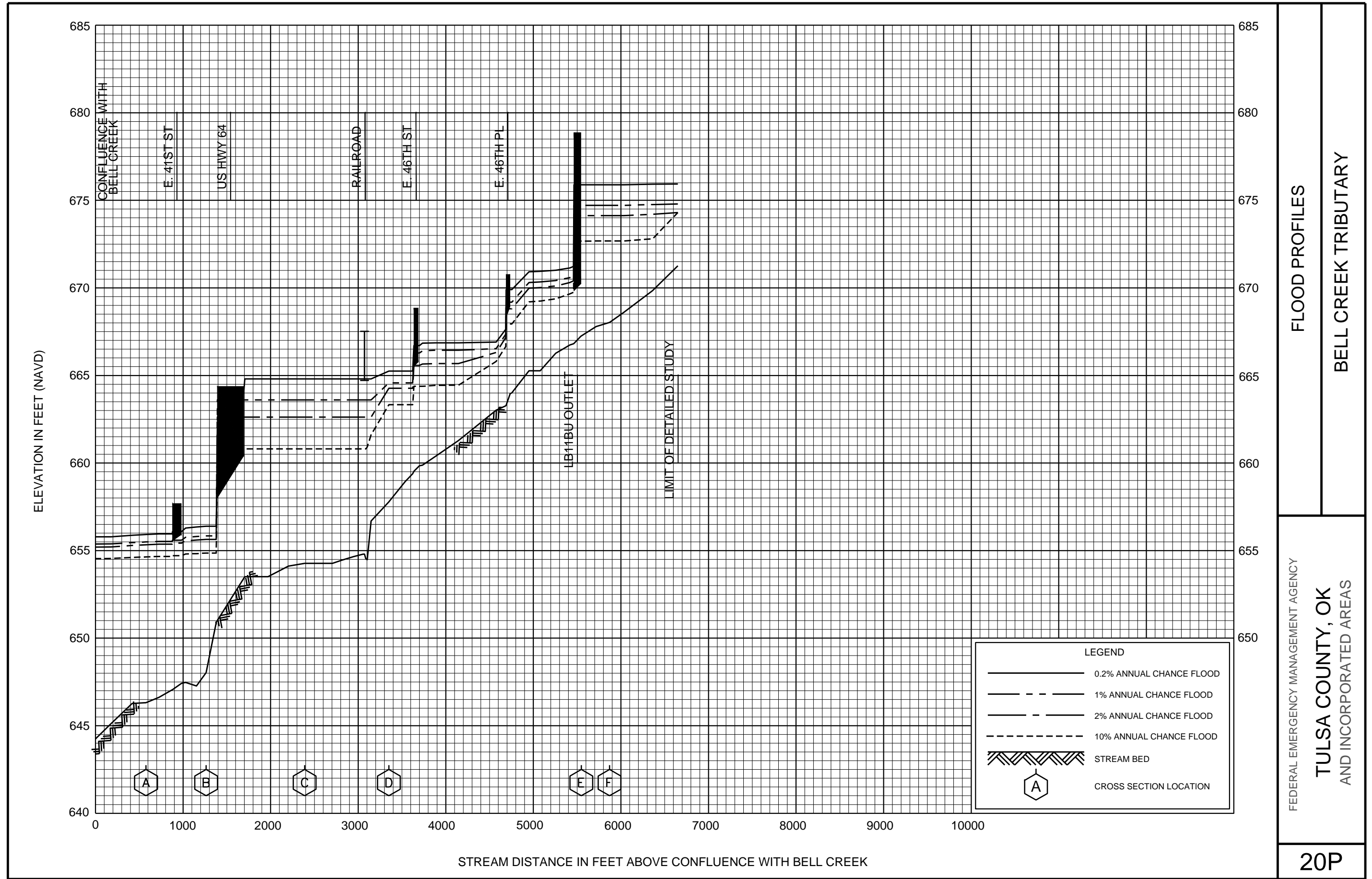
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AND INCORPORATED AREAS

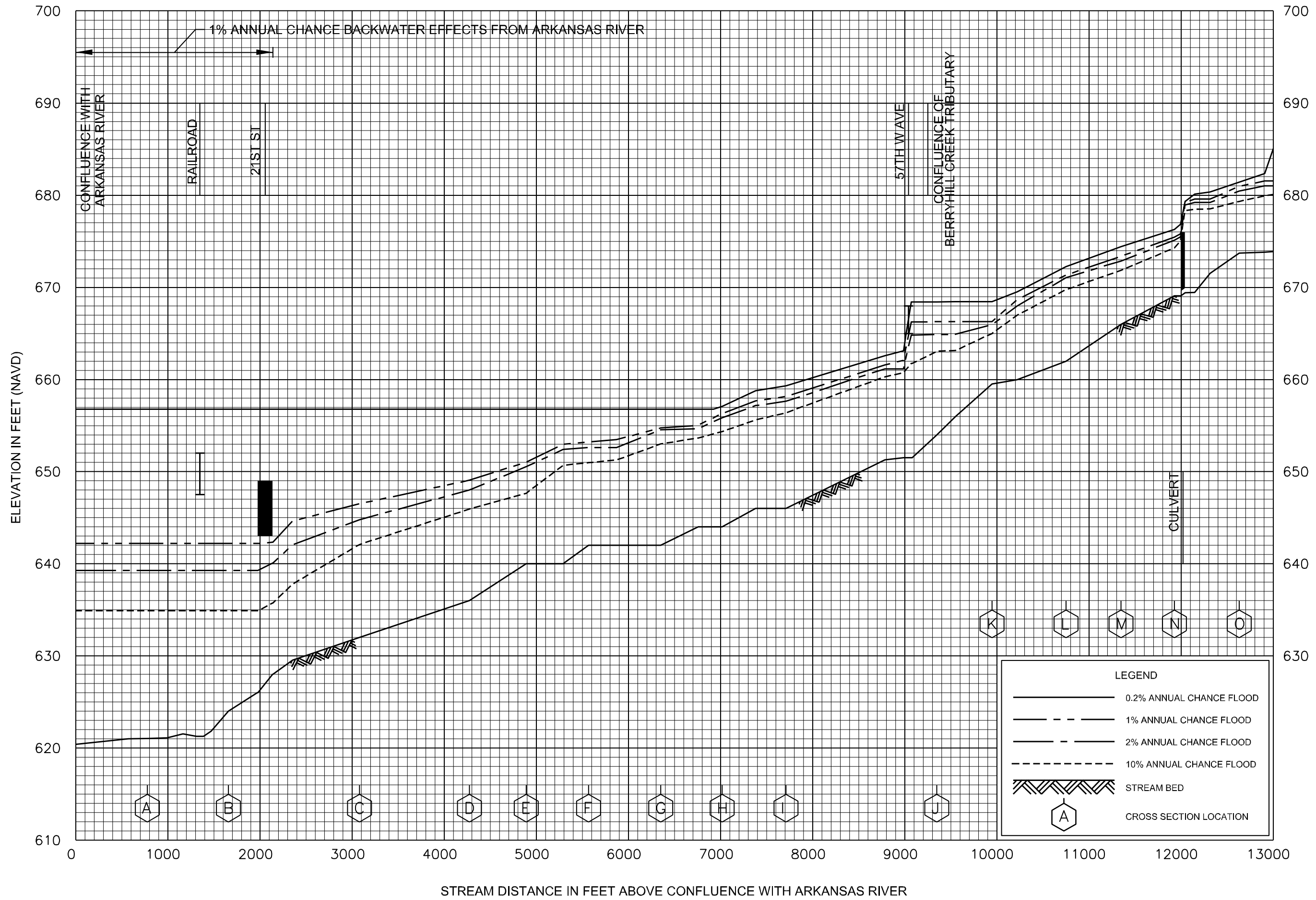


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	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES  
BELL CREEK

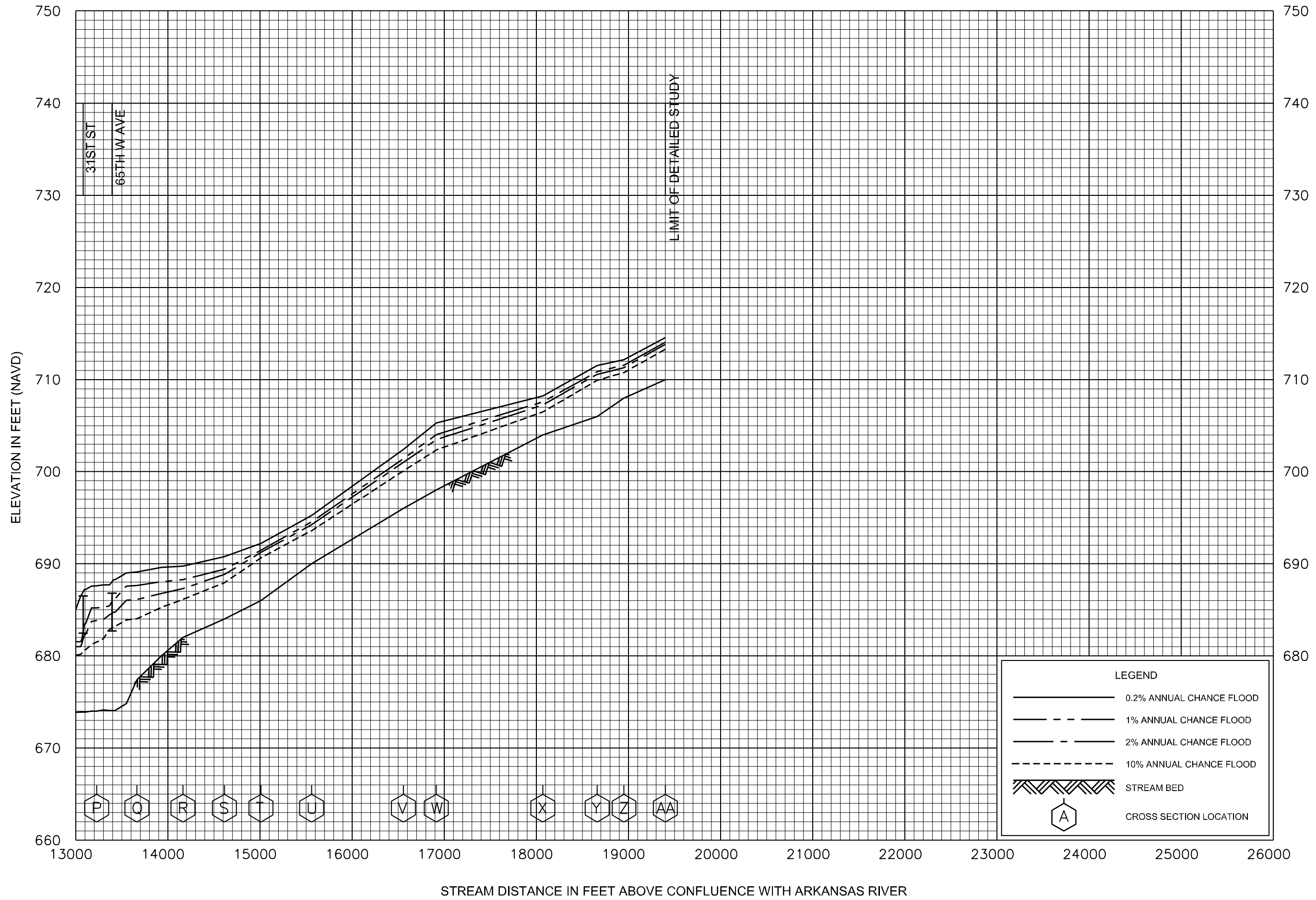
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FLOOD PROFILES  
BERRYHILL CREEK

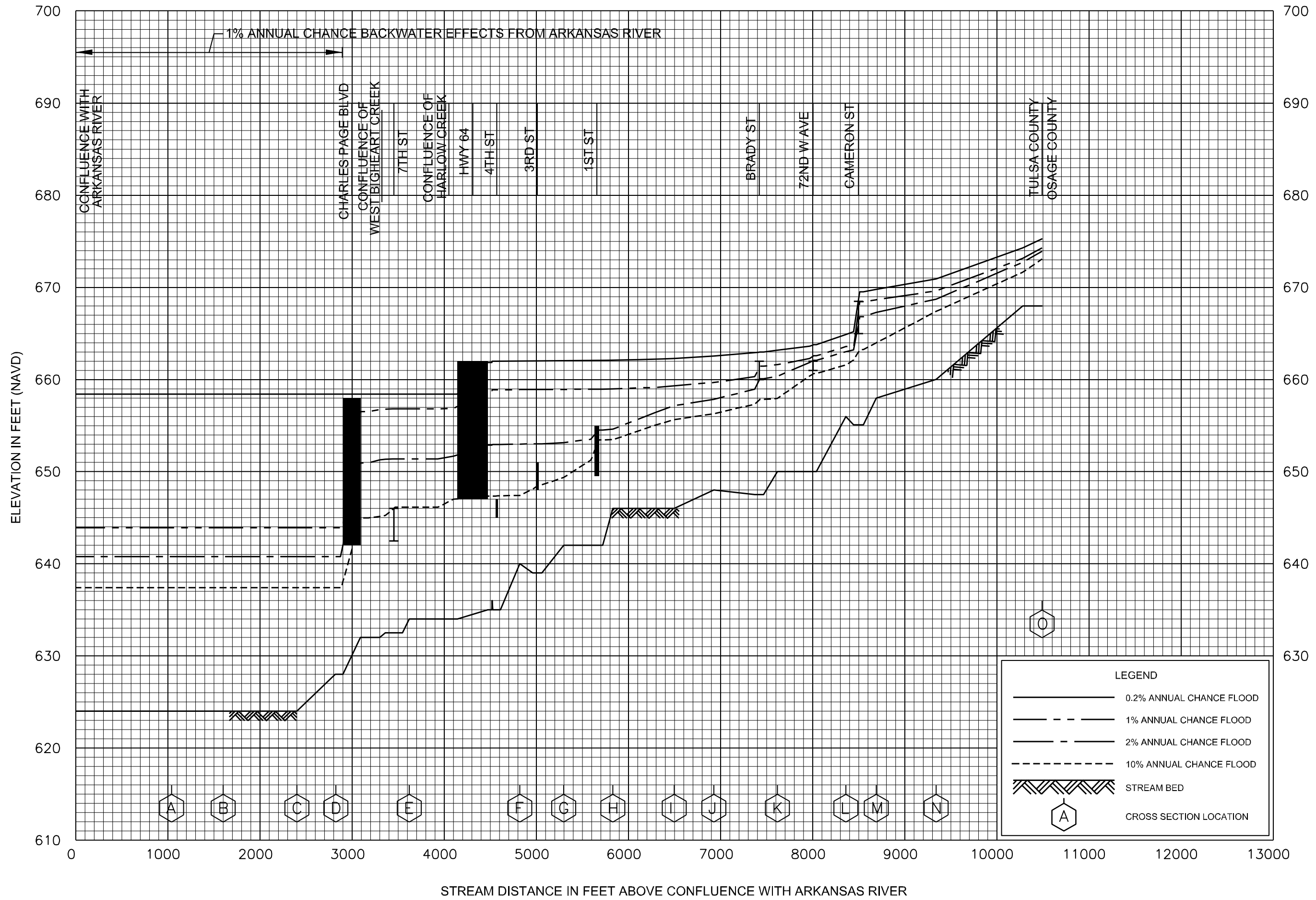
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FLOOD PROFILES  
BERRYHILL CREEK

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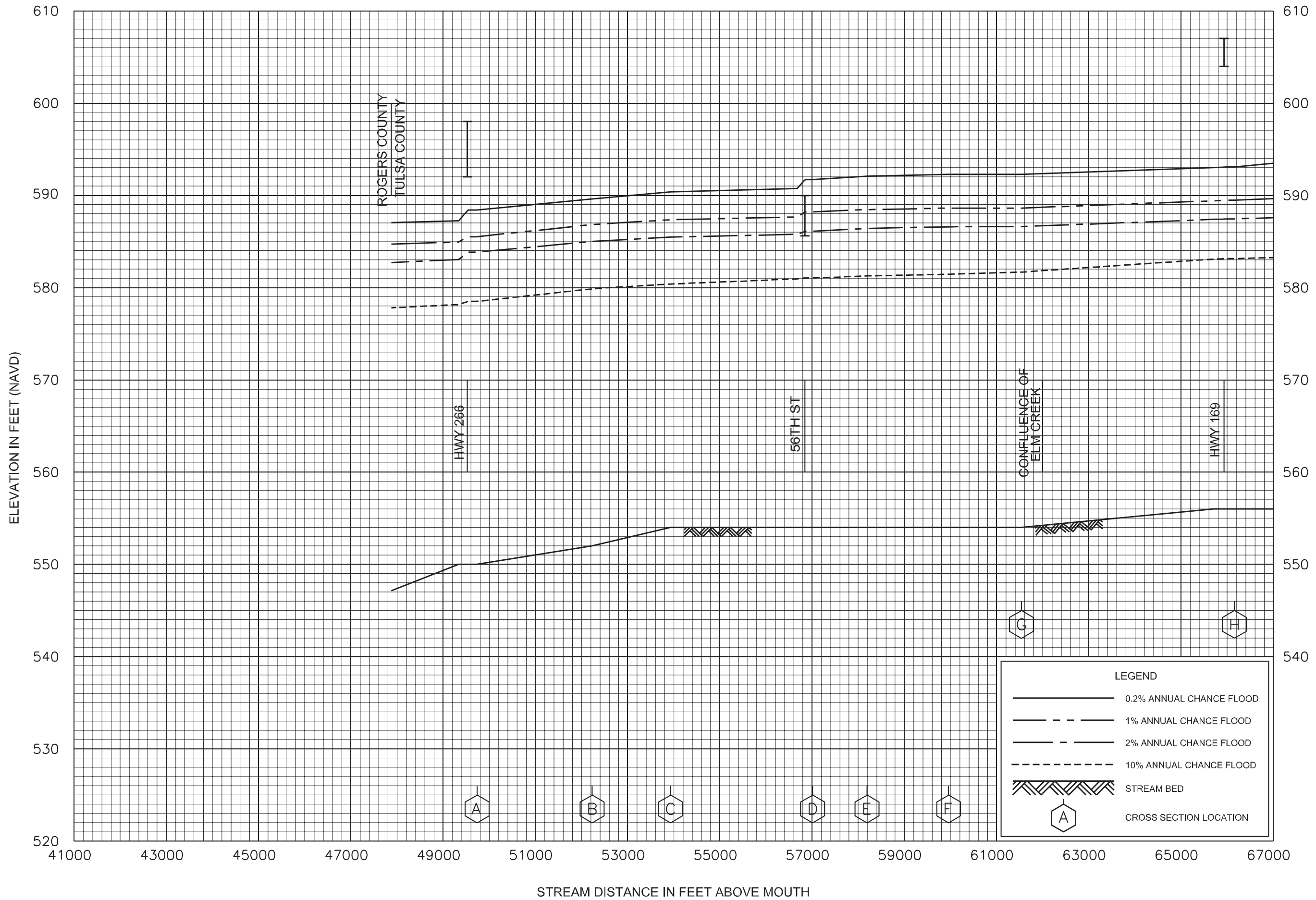




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BIGHEART CREEK

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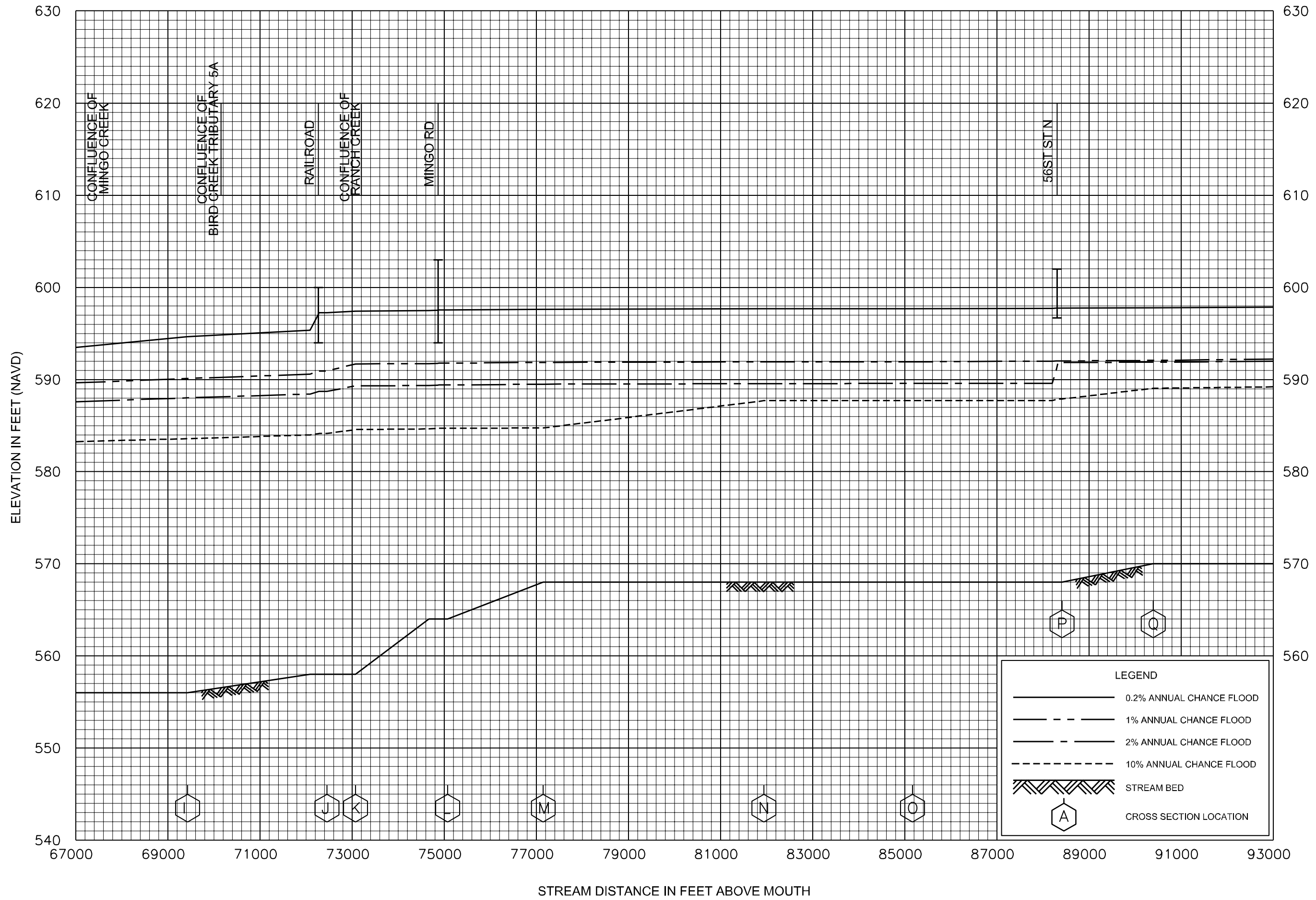


FLOOD PROFILES

BIRD CREEK

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AND INCORPORATED AREAS

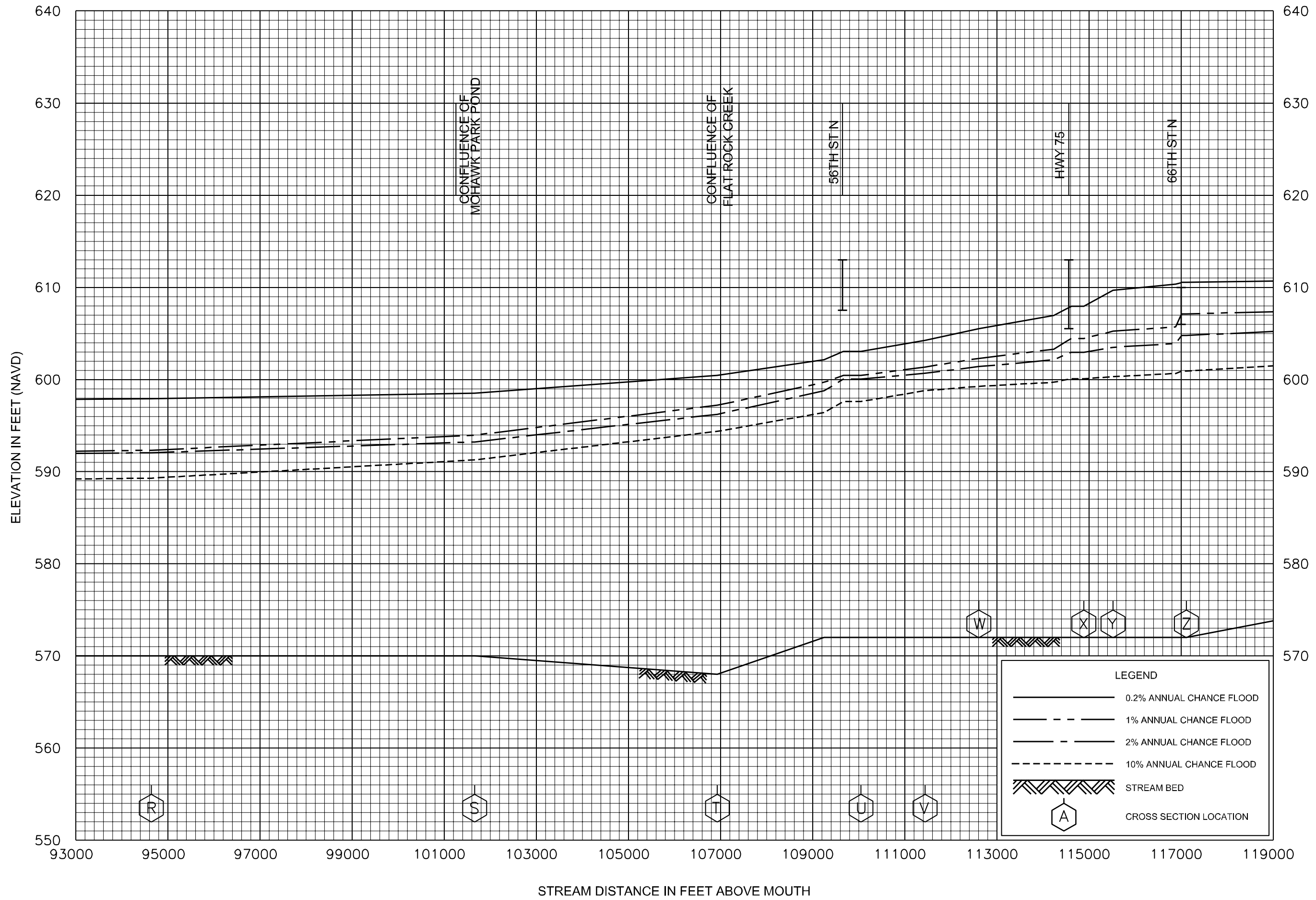


FLOOD PROFILES

BIRD CREEK

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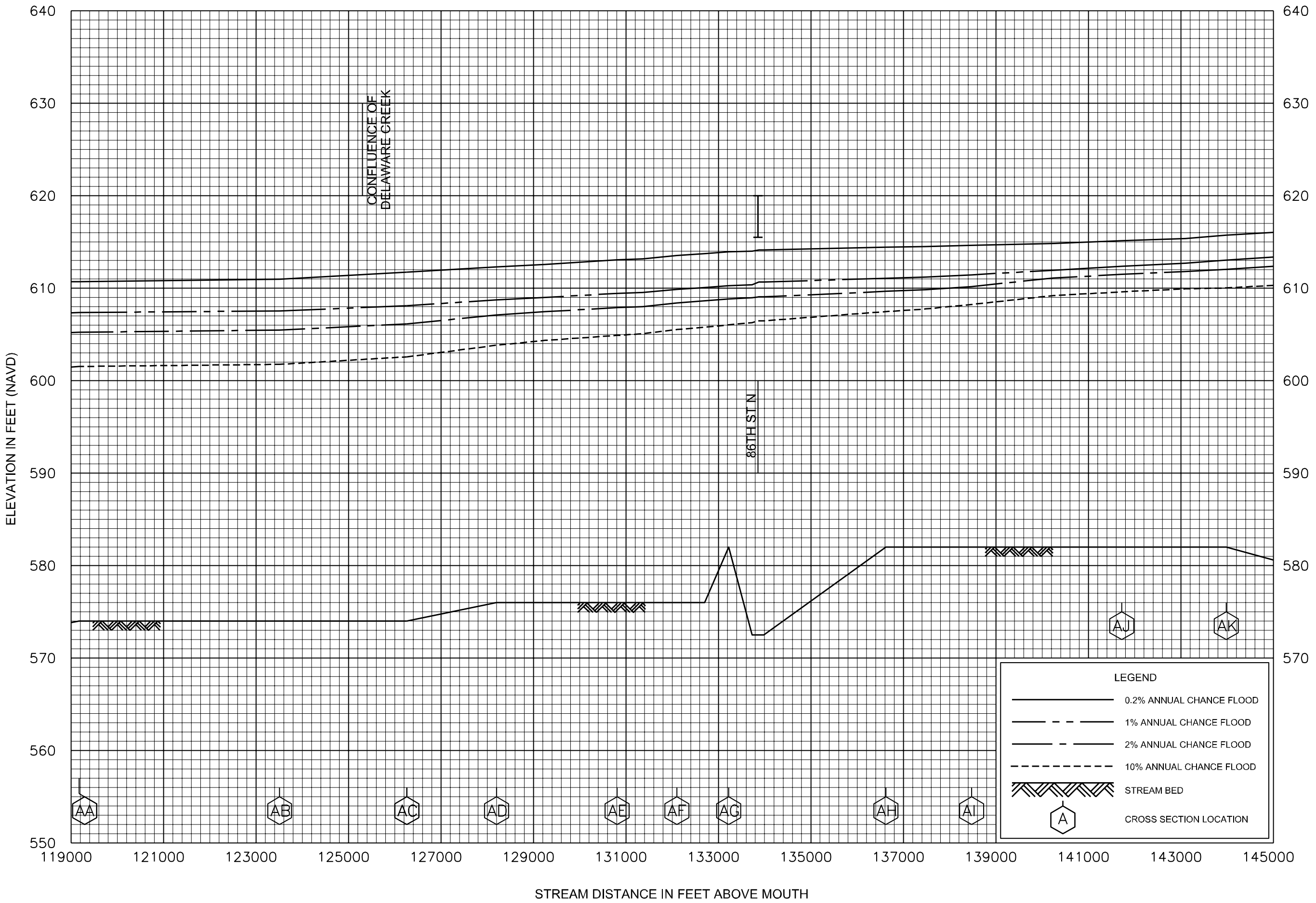


FLOOD PROFILES

BIRD CREEK

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TULSA COUNTY, OK  
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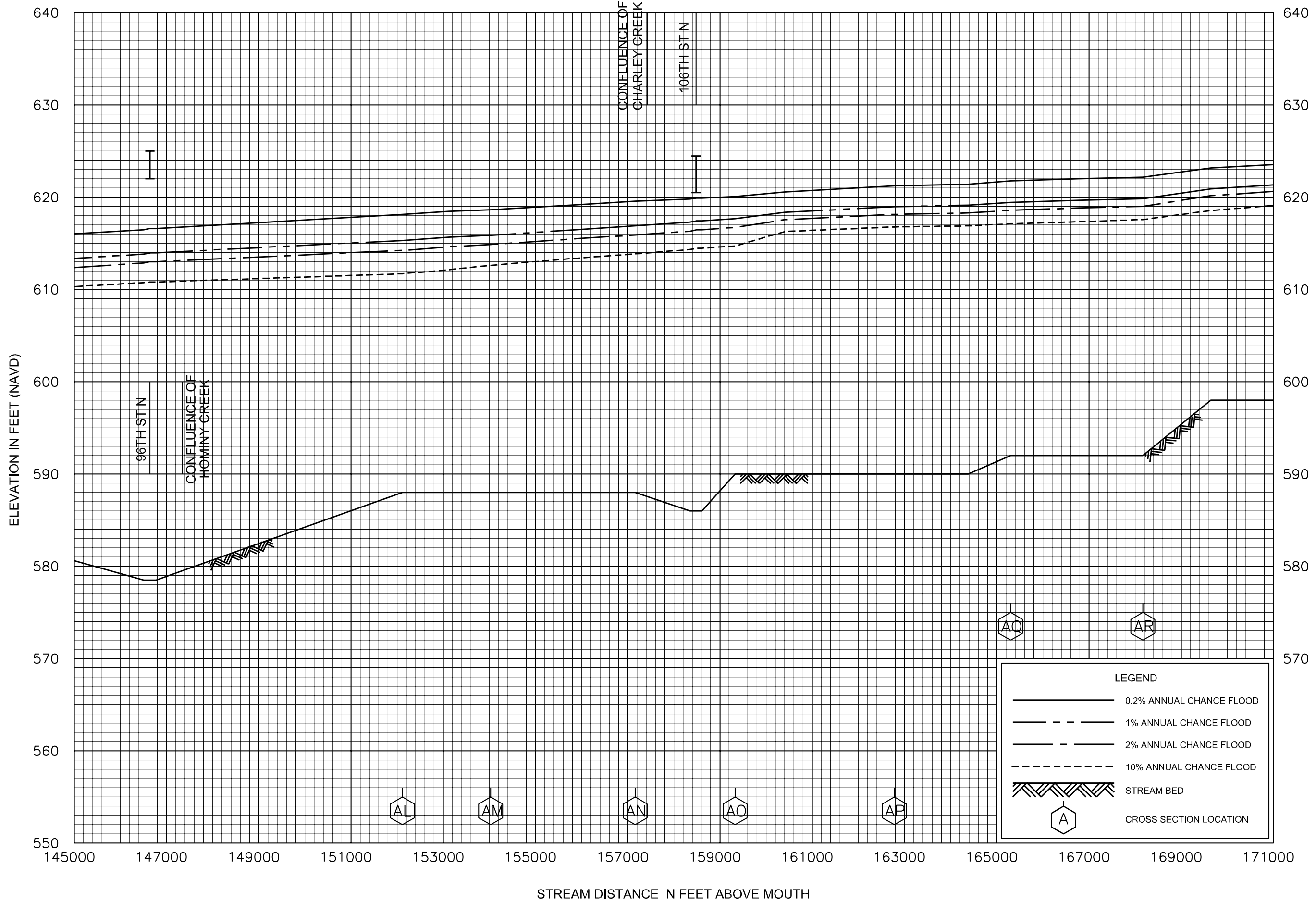


FLOOD PROFILES

BIRD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

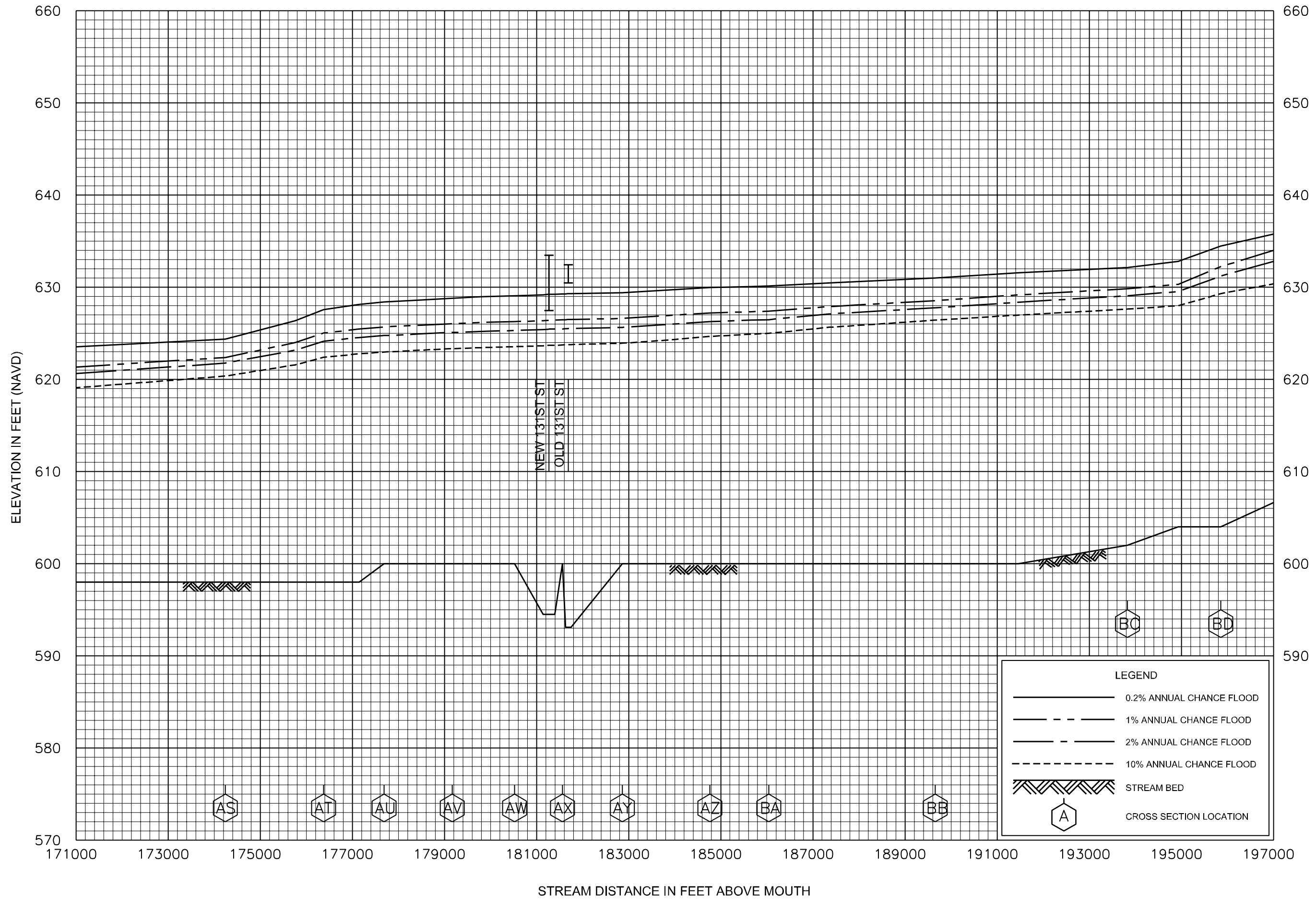


FLOOD PROFILES

BIRD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

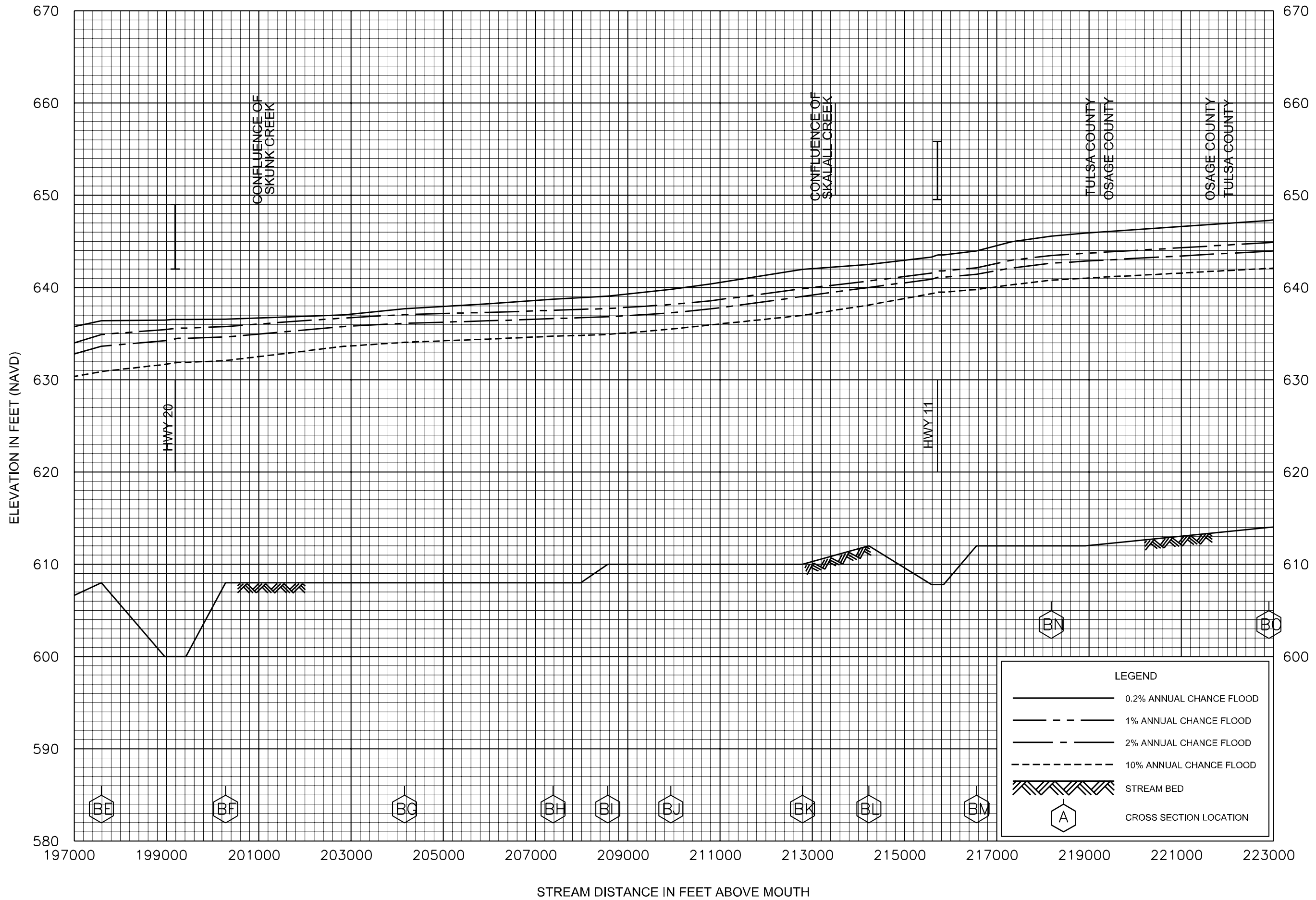


FLOOD PROFILES

BIRD CREEK

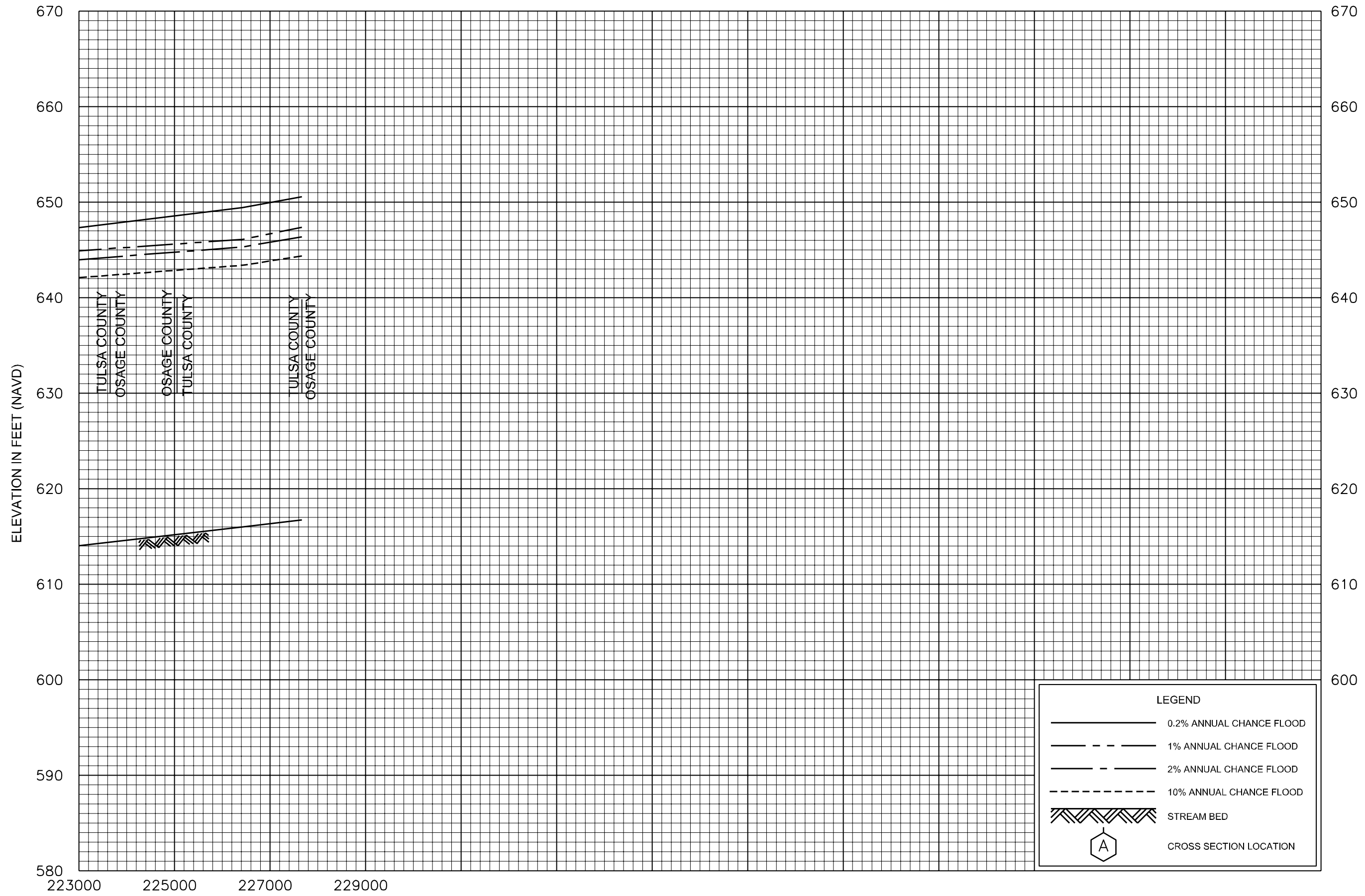
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
BIRD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

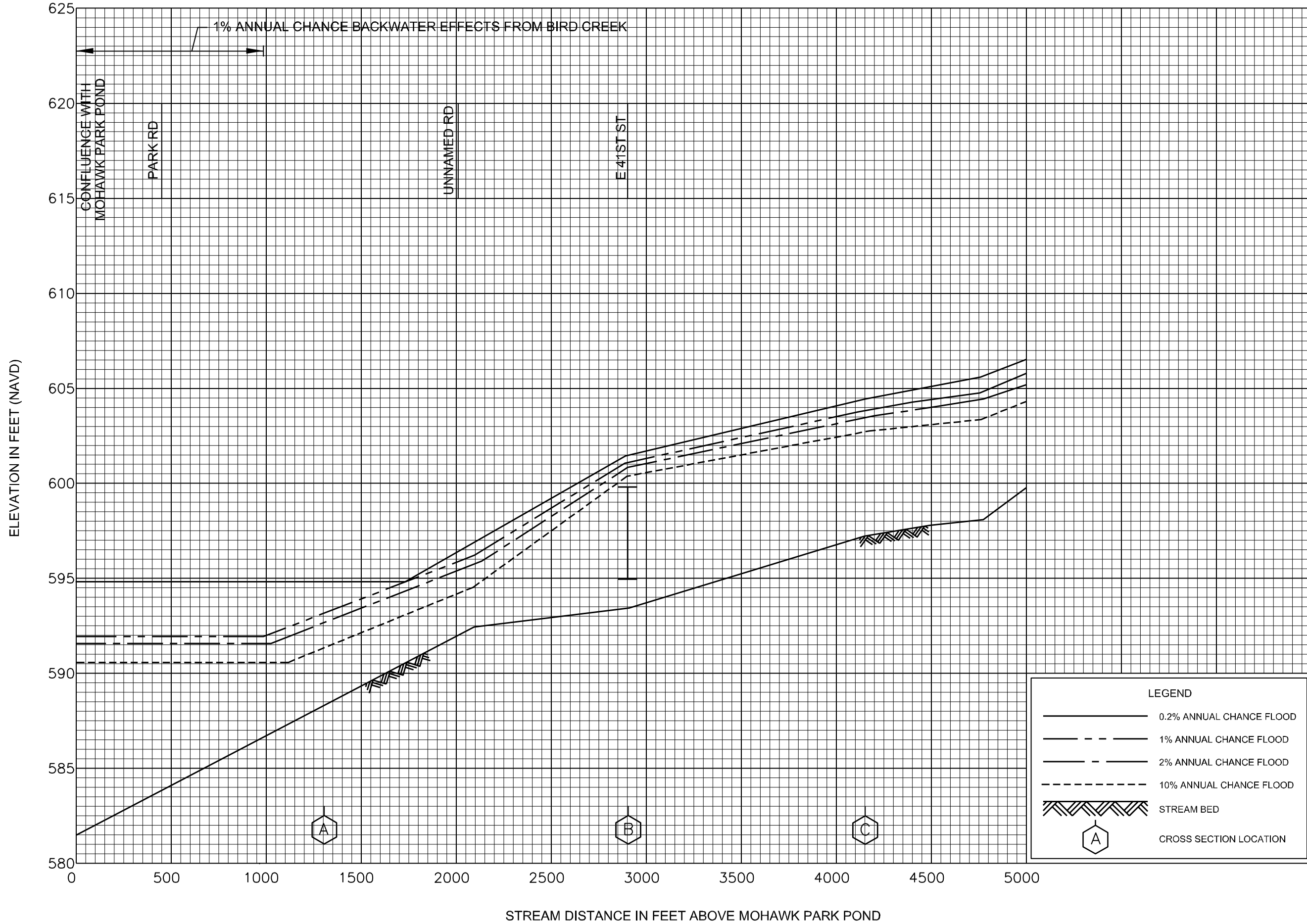


FLOOD PROFILES  
BIRD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

STREAM DISTANCE IN FEET ABOVE MOUTH



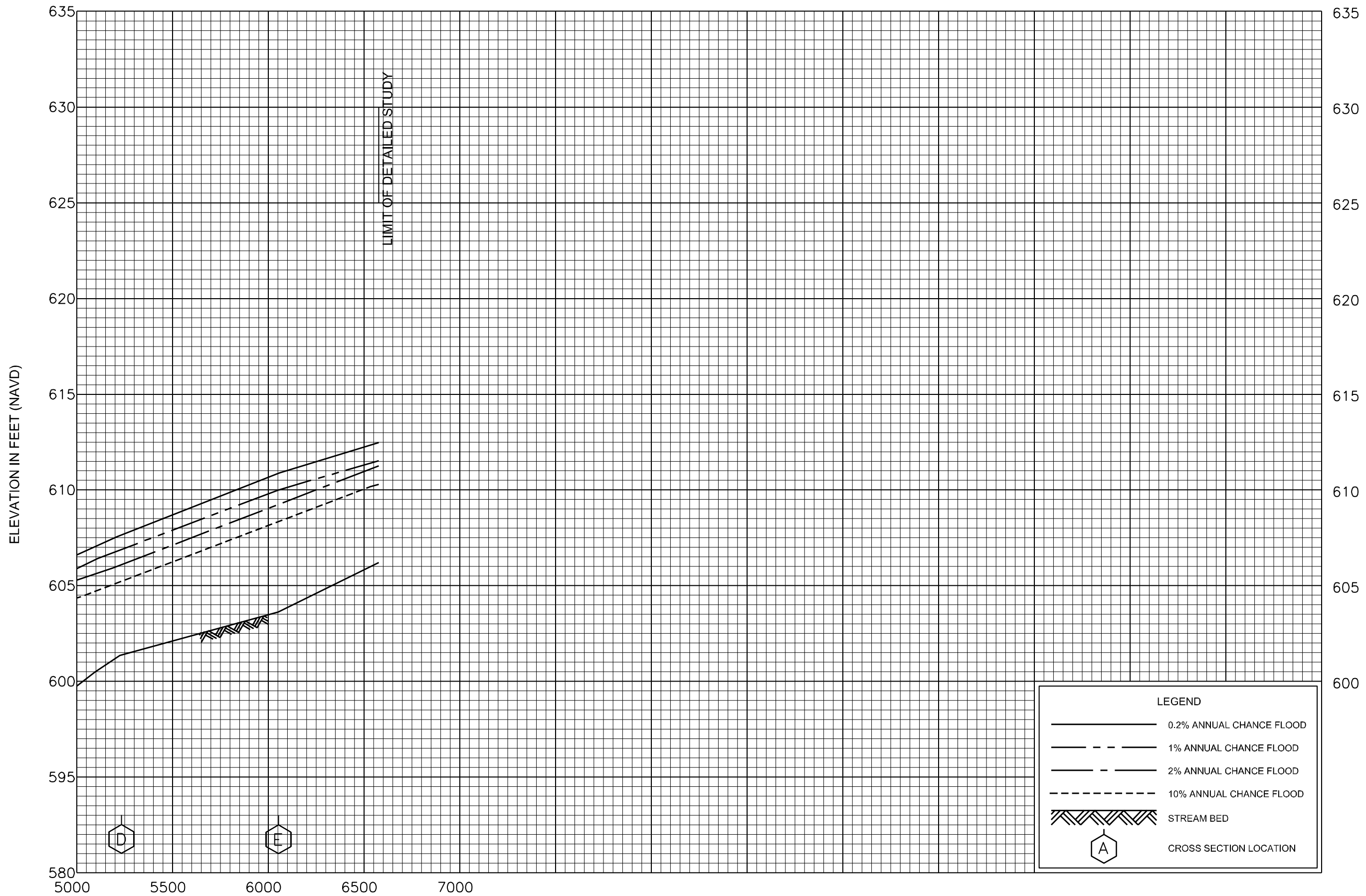


FLOOD PROFILES

BIRD CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



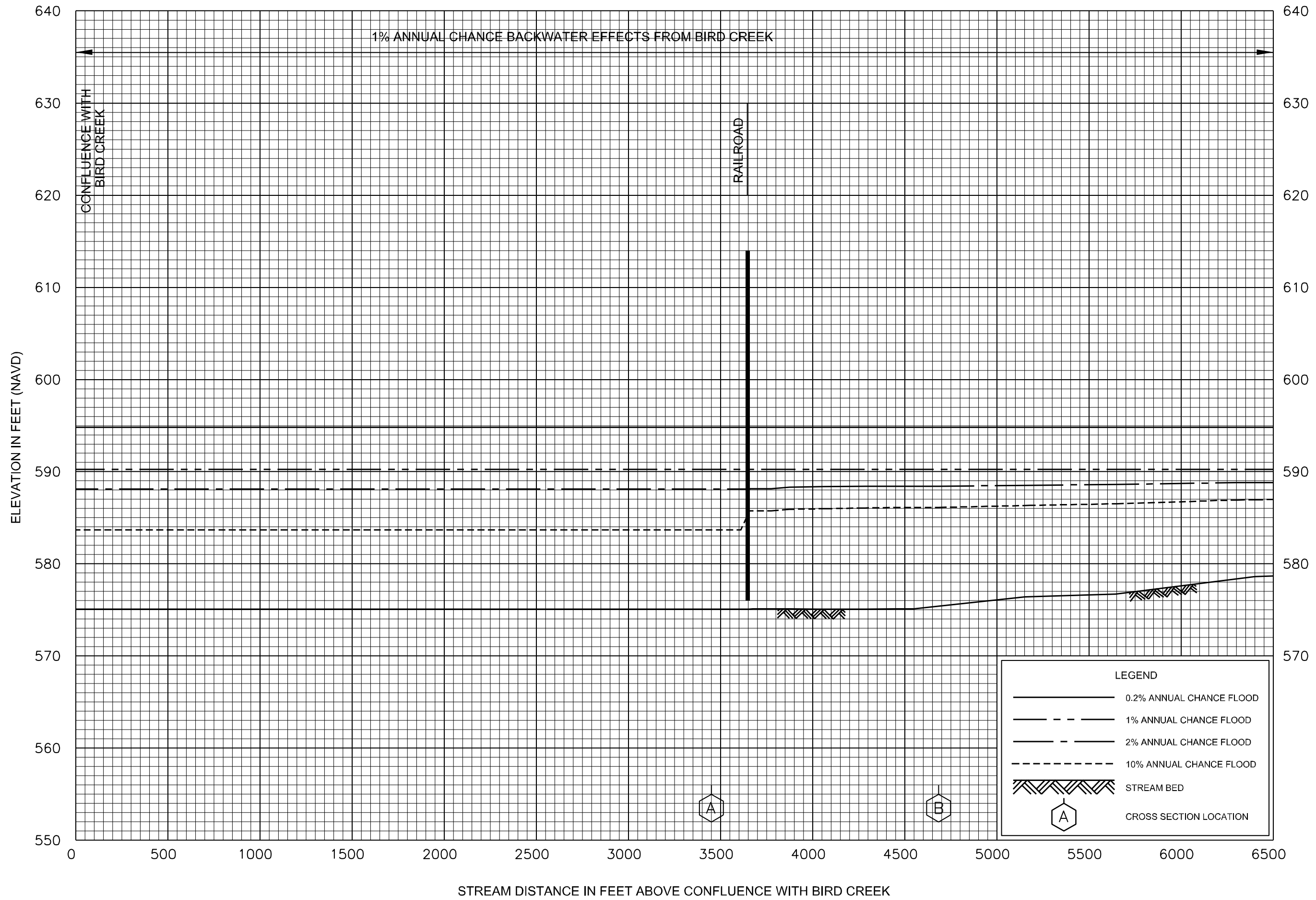
STREAM DISTANCE IN FEET ABOVE MOHAWK PARK POND

FLOOD PROFILES

BIRD CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

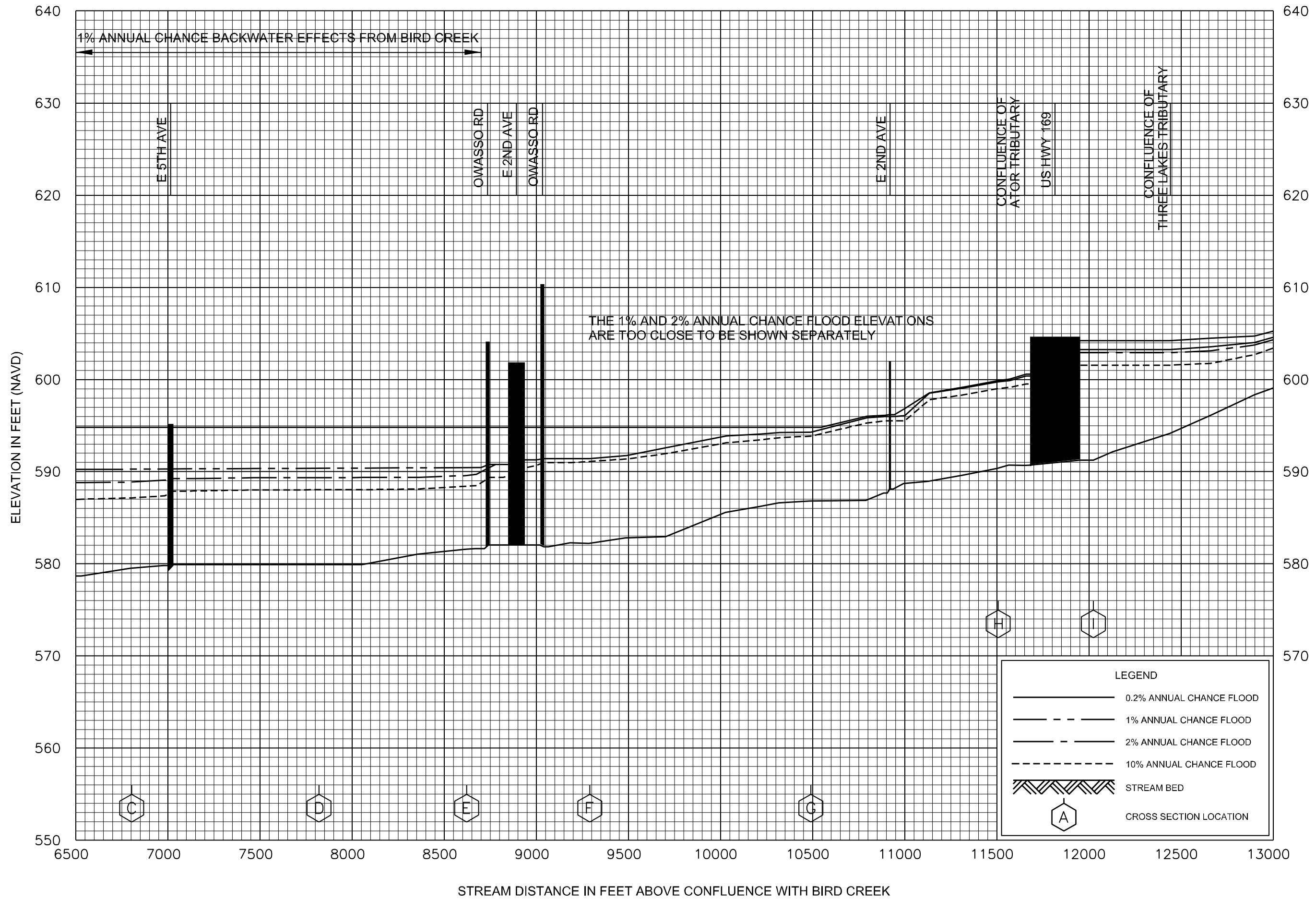


FLOOD PROFILES

BIRD CREEK TRIBUTARY 5A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

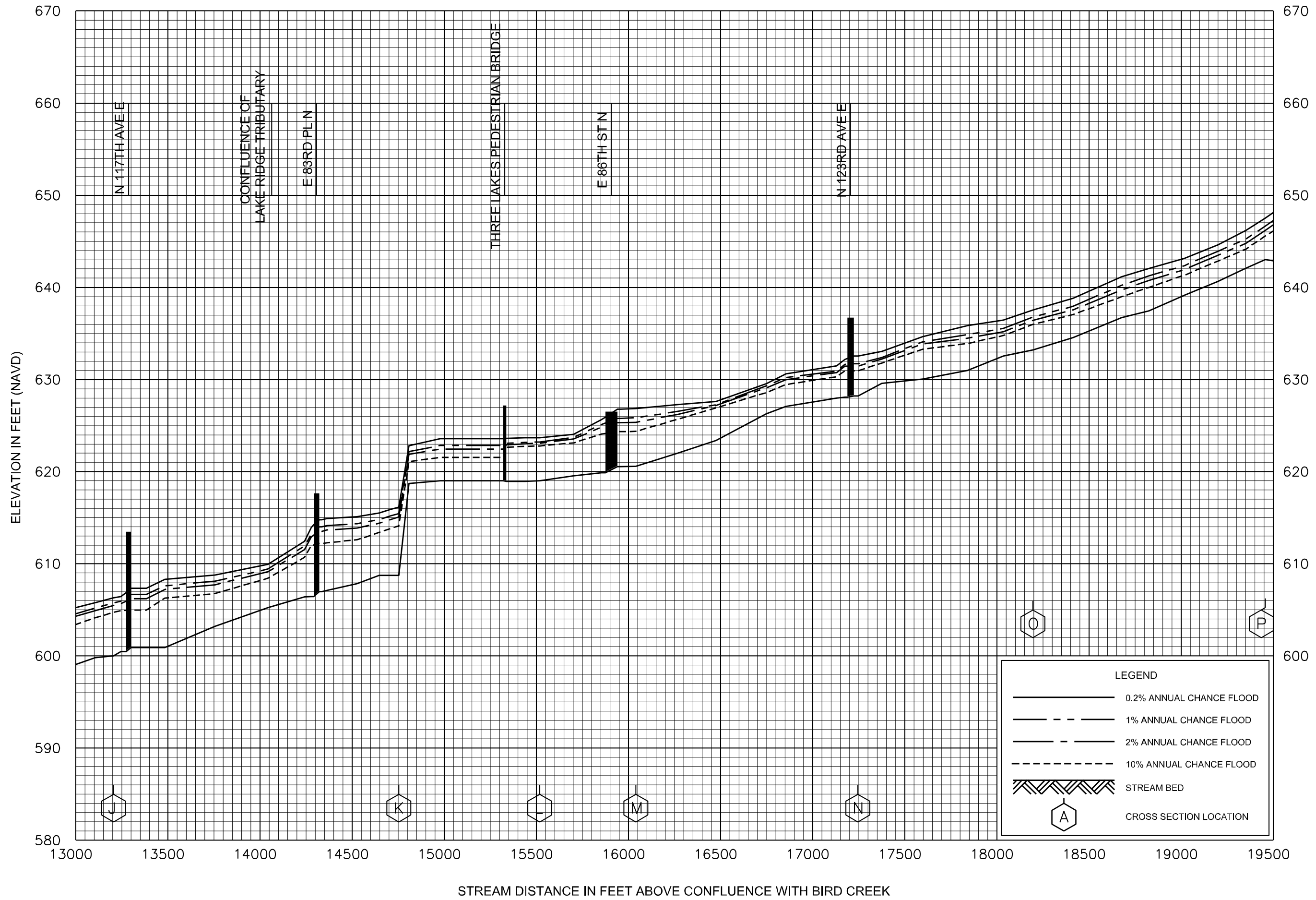


FLOOD PROFILES

BIRD CREEK TRIBUTARY 5A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

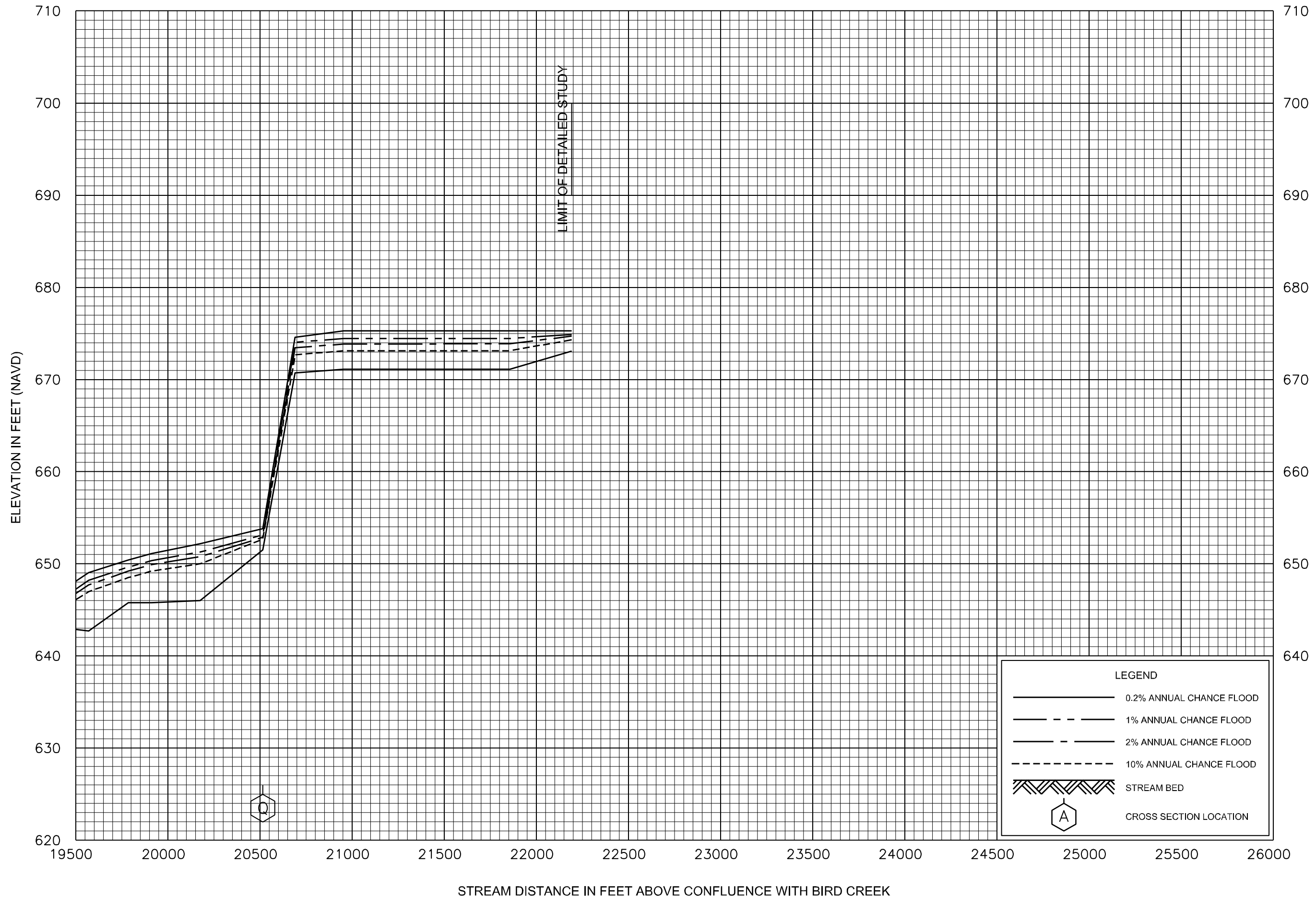


FLOOD PROFILES

BIRD CREEK TRIBUTARY 5A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

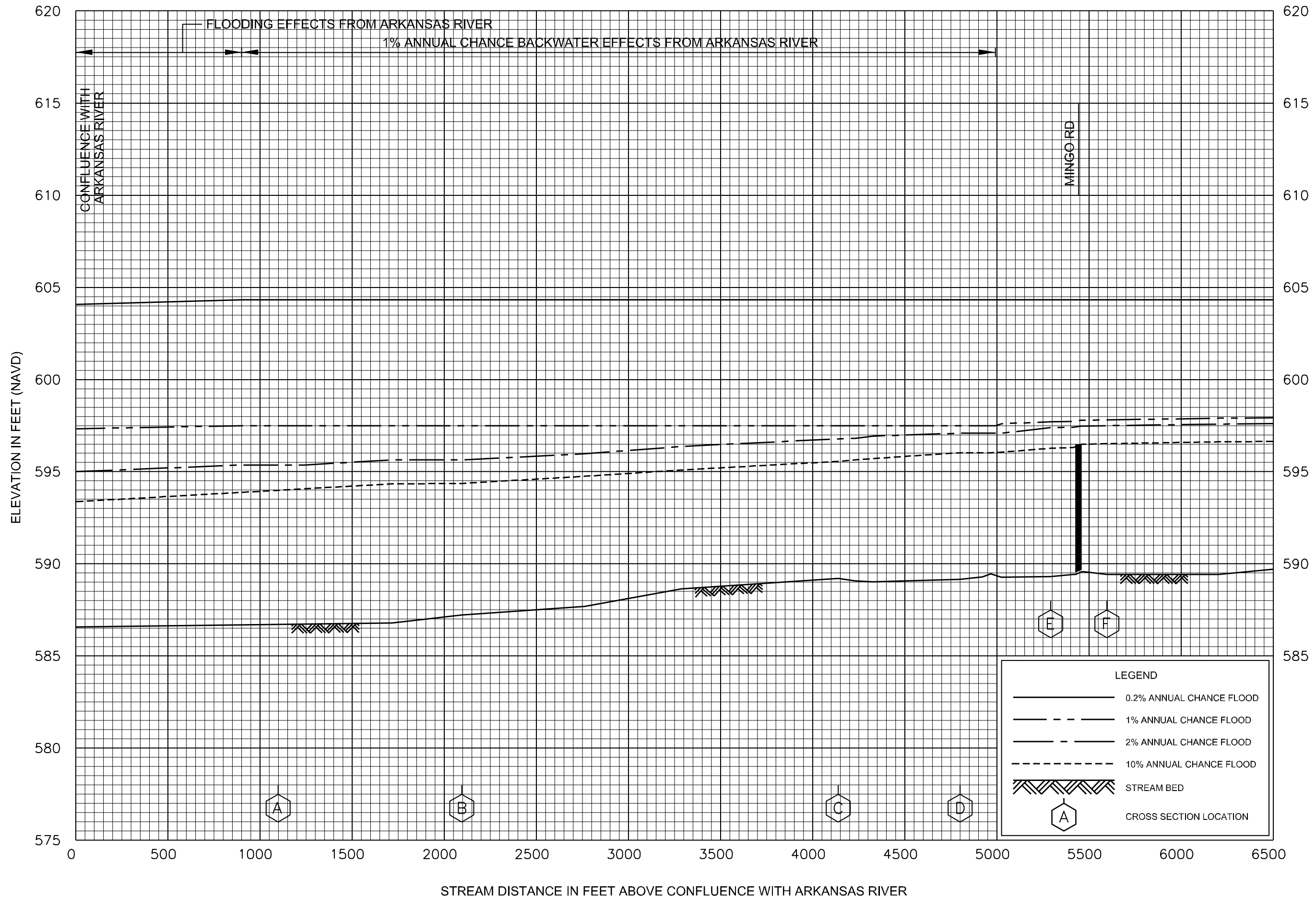


FLOOD PROFILES

BIRD CREEK TRIBUTARY 5A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

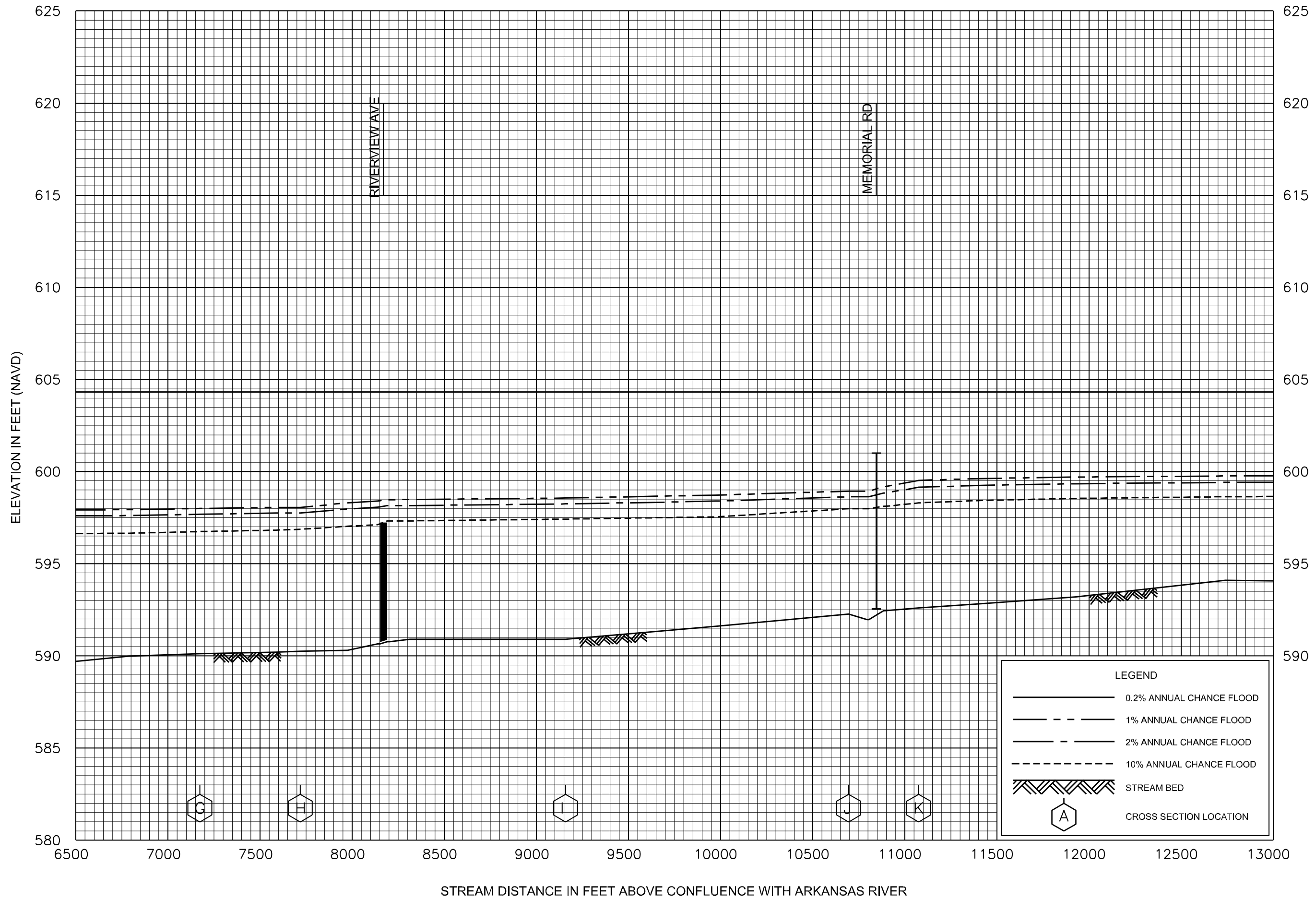


FLOOD PROFILES

BIXBY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



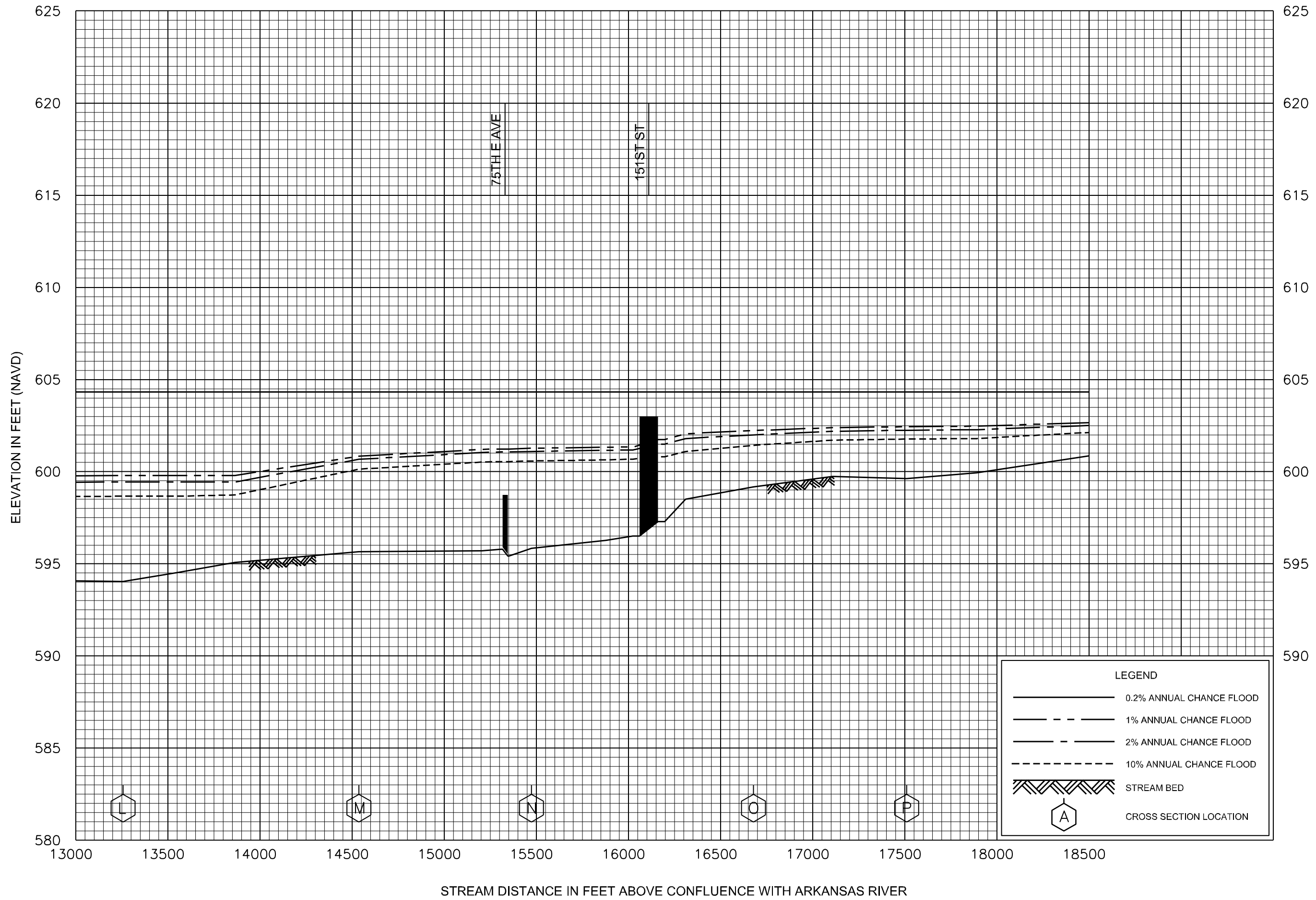
FLOOD PROFILES

BIXBY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



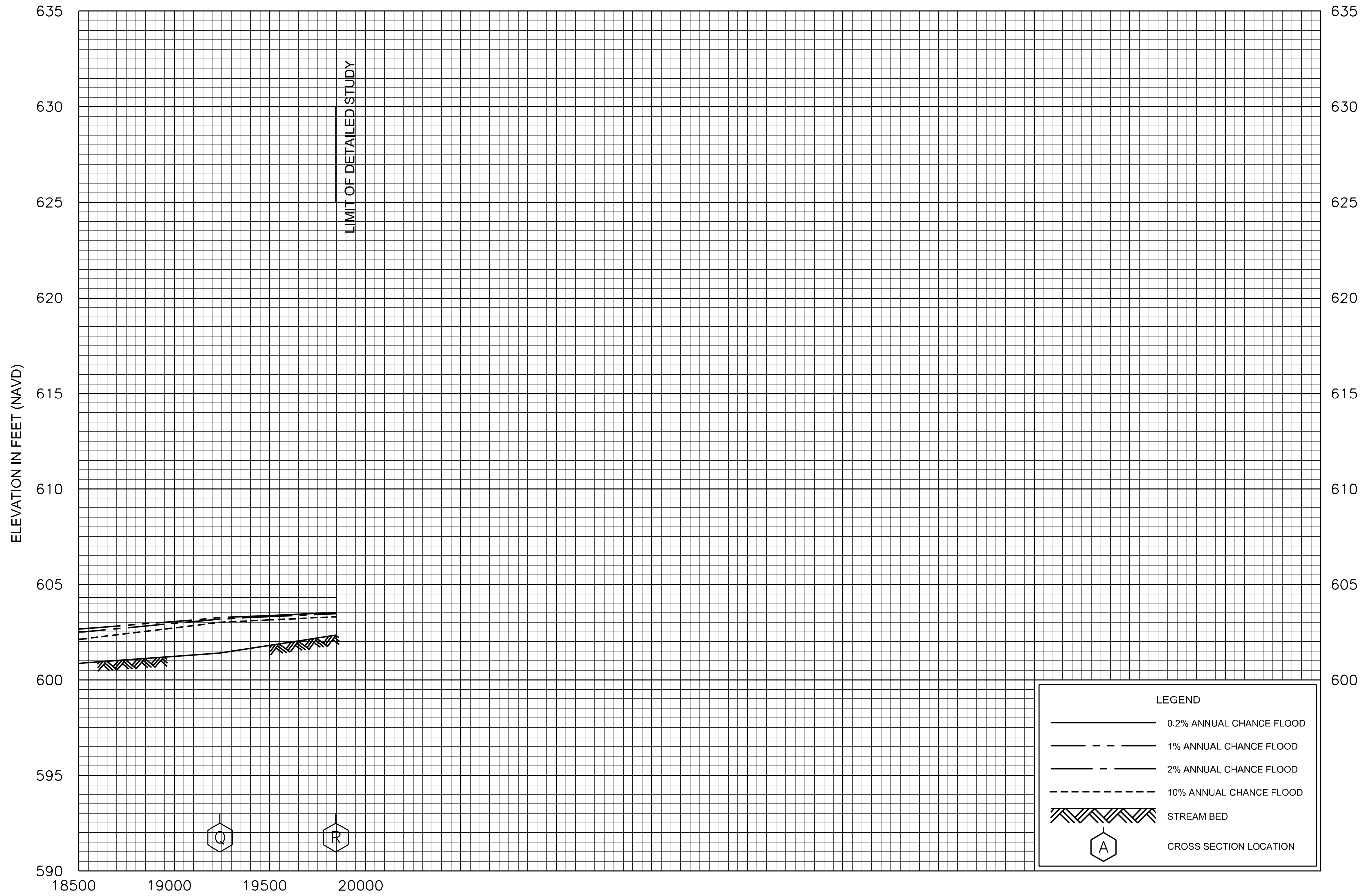


FLOOD PROFILES

BIXBY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



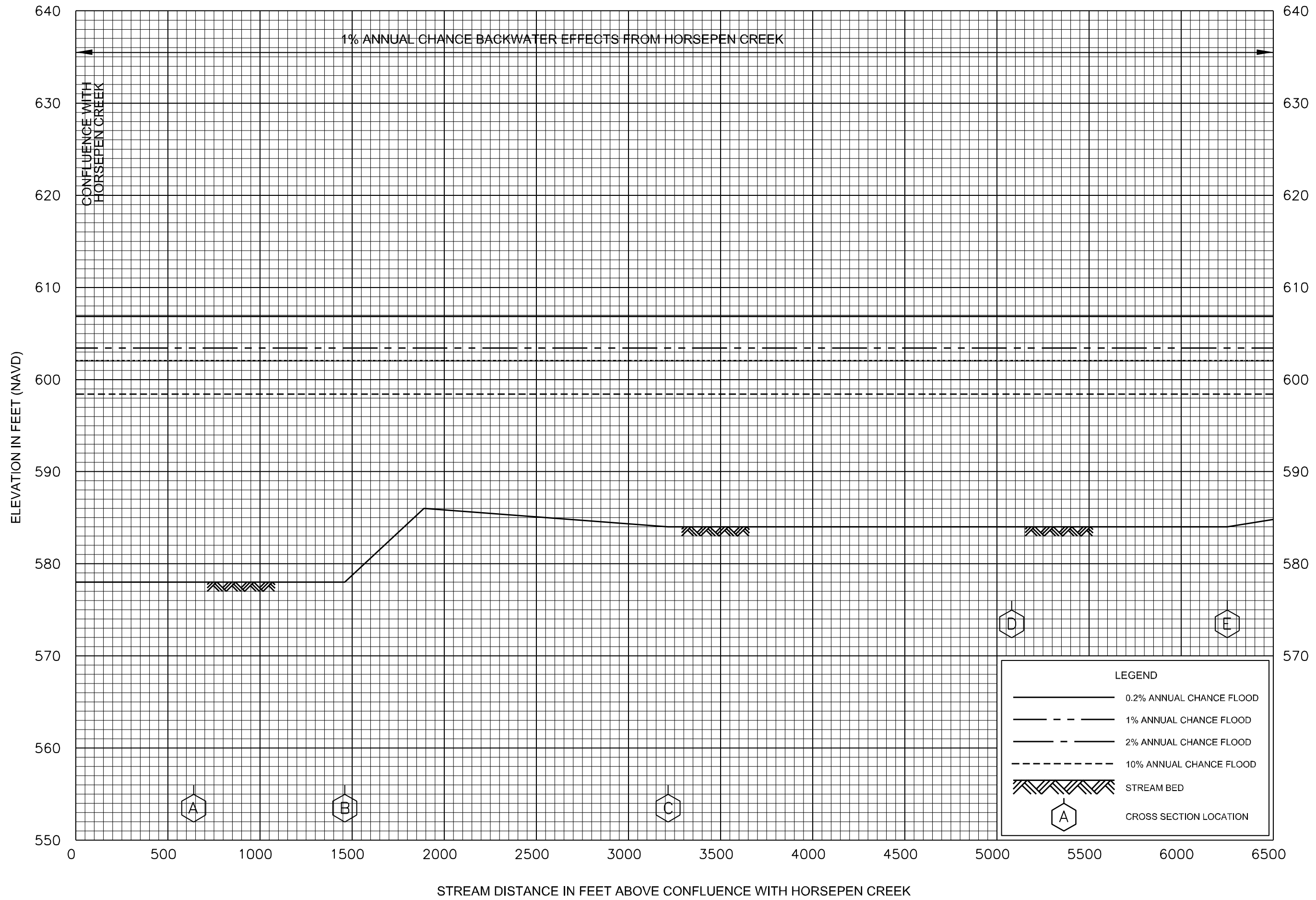
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ARKANSAS RIVER

FLOOD PROFILES

BIXBY CREEK

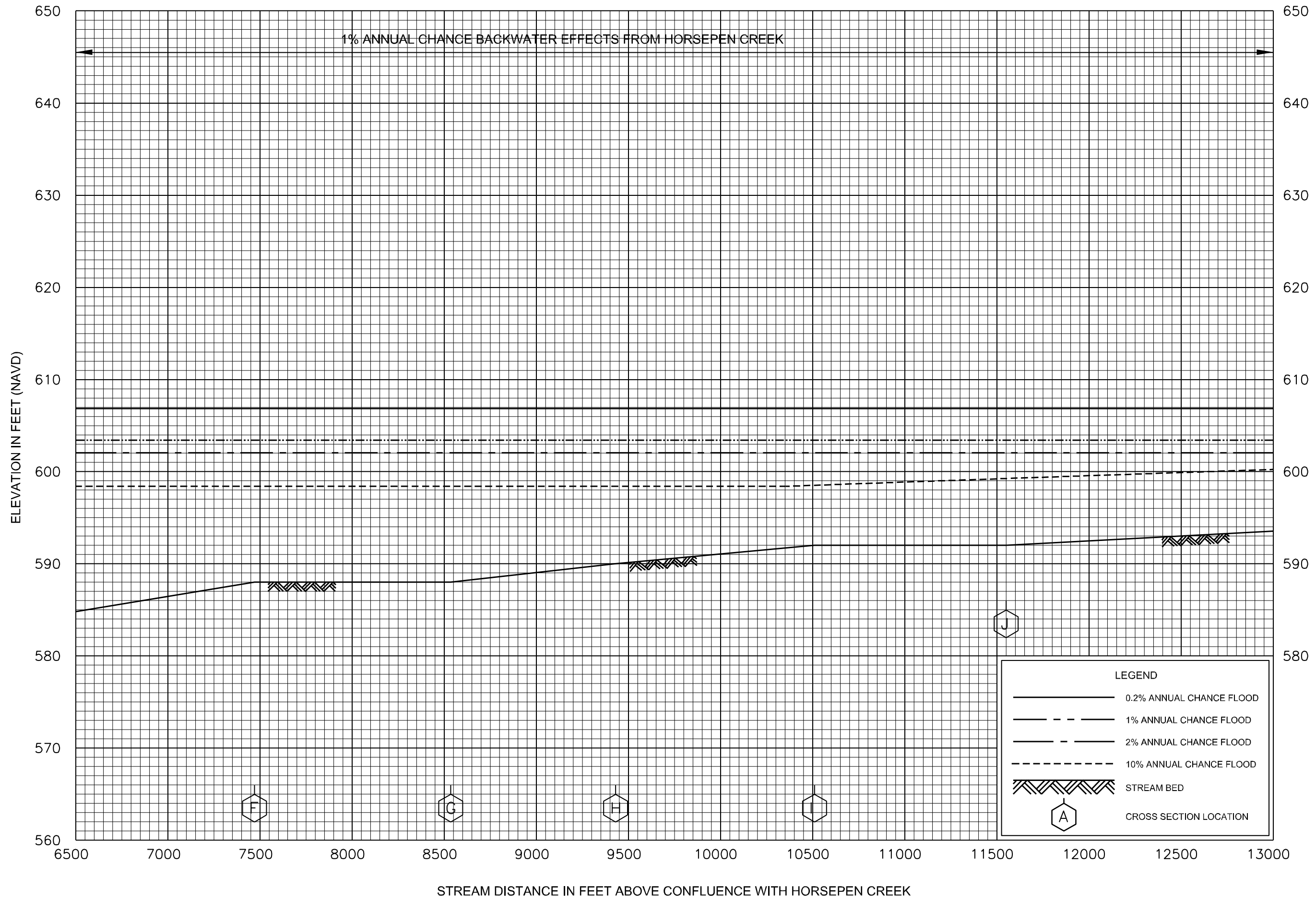
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TULSA COUNTY, OK  
AND INCORPORATED AREAS



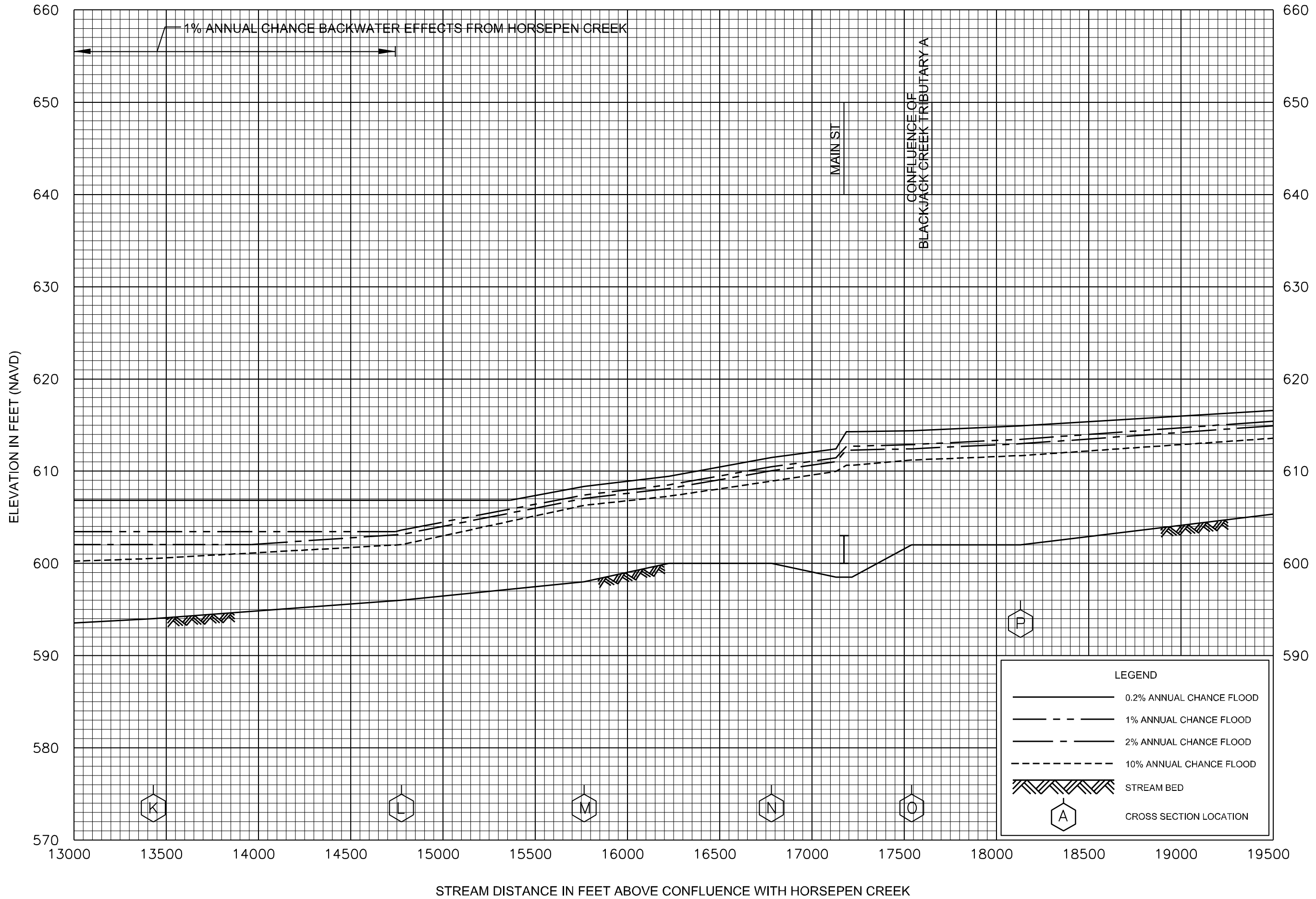
FLOOD PROFILES  
BLACKJACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



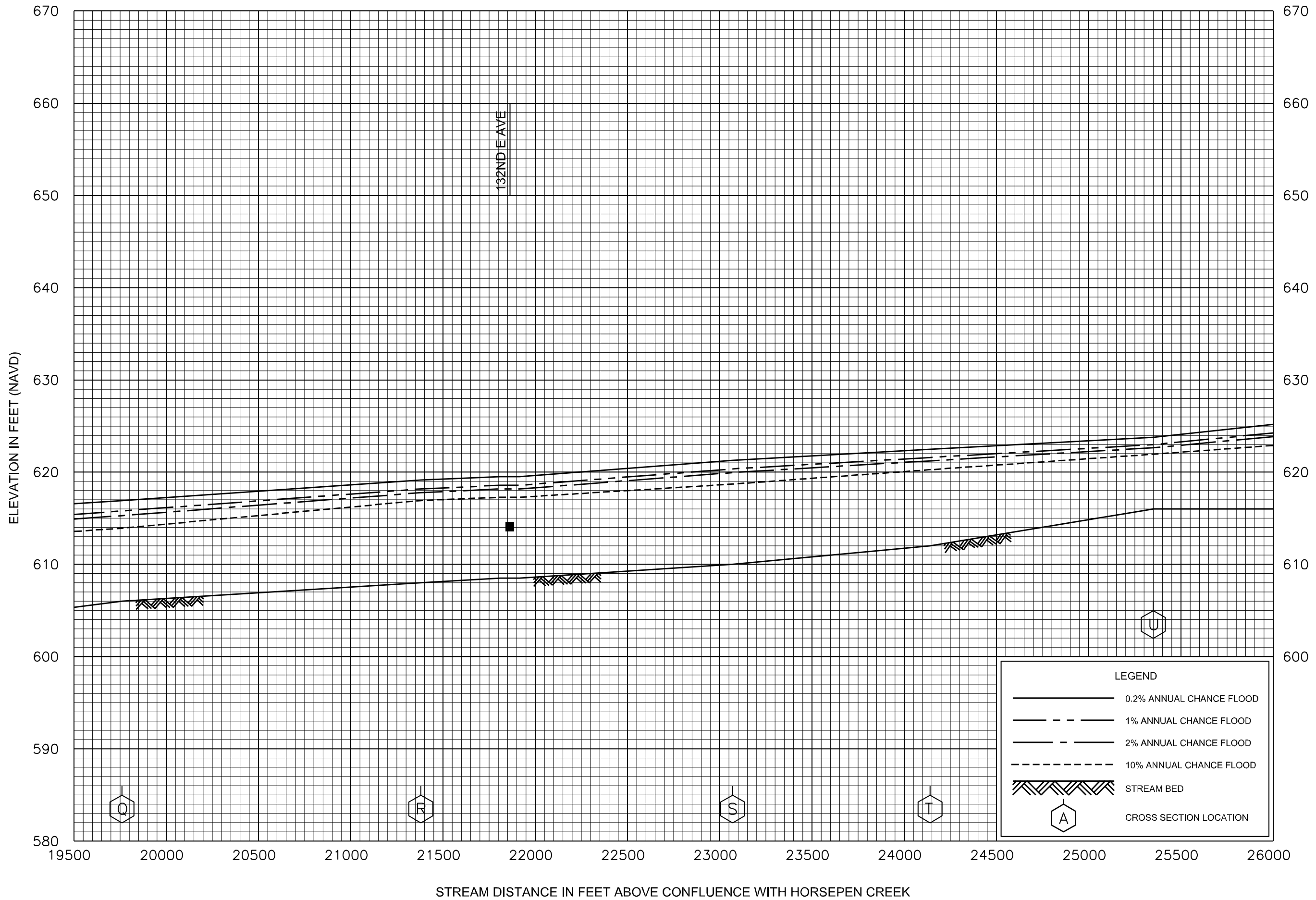
FLOOD PROFILES  
BLACKJACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



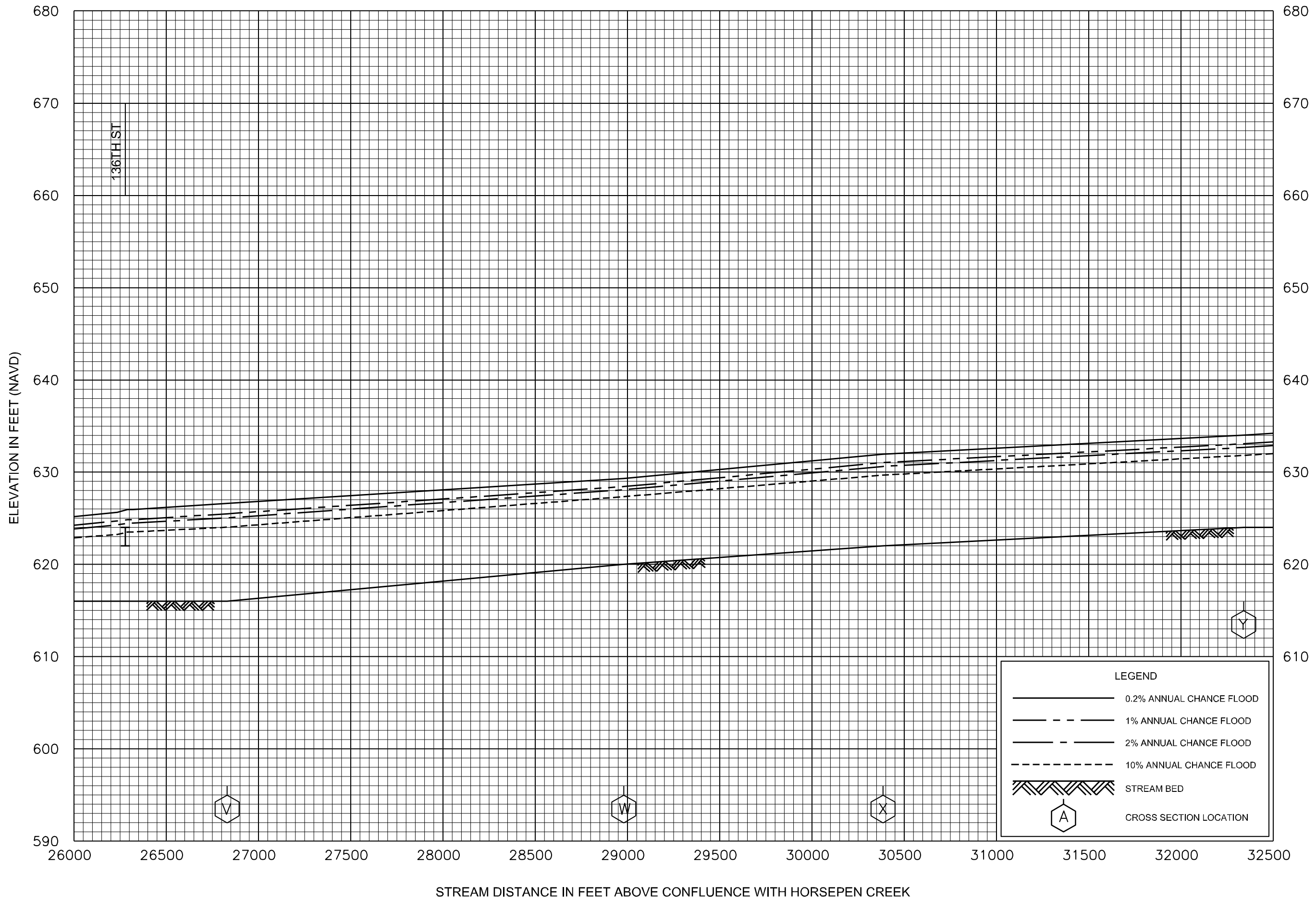
FLOOD PROFILES  
BLACKJACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



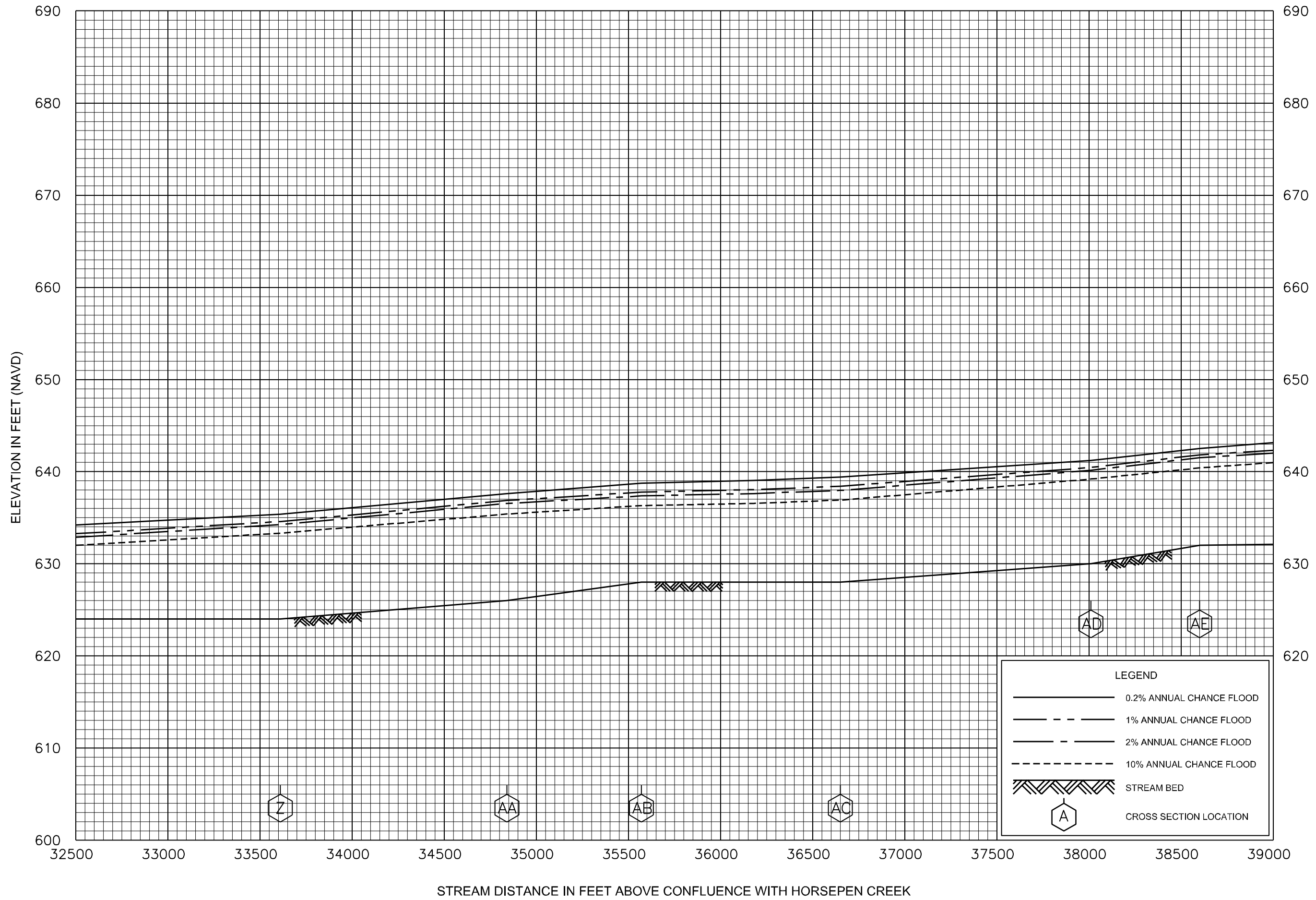
FLOOD PROFILES  
BLACKJACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
BLACKJACK CREEK

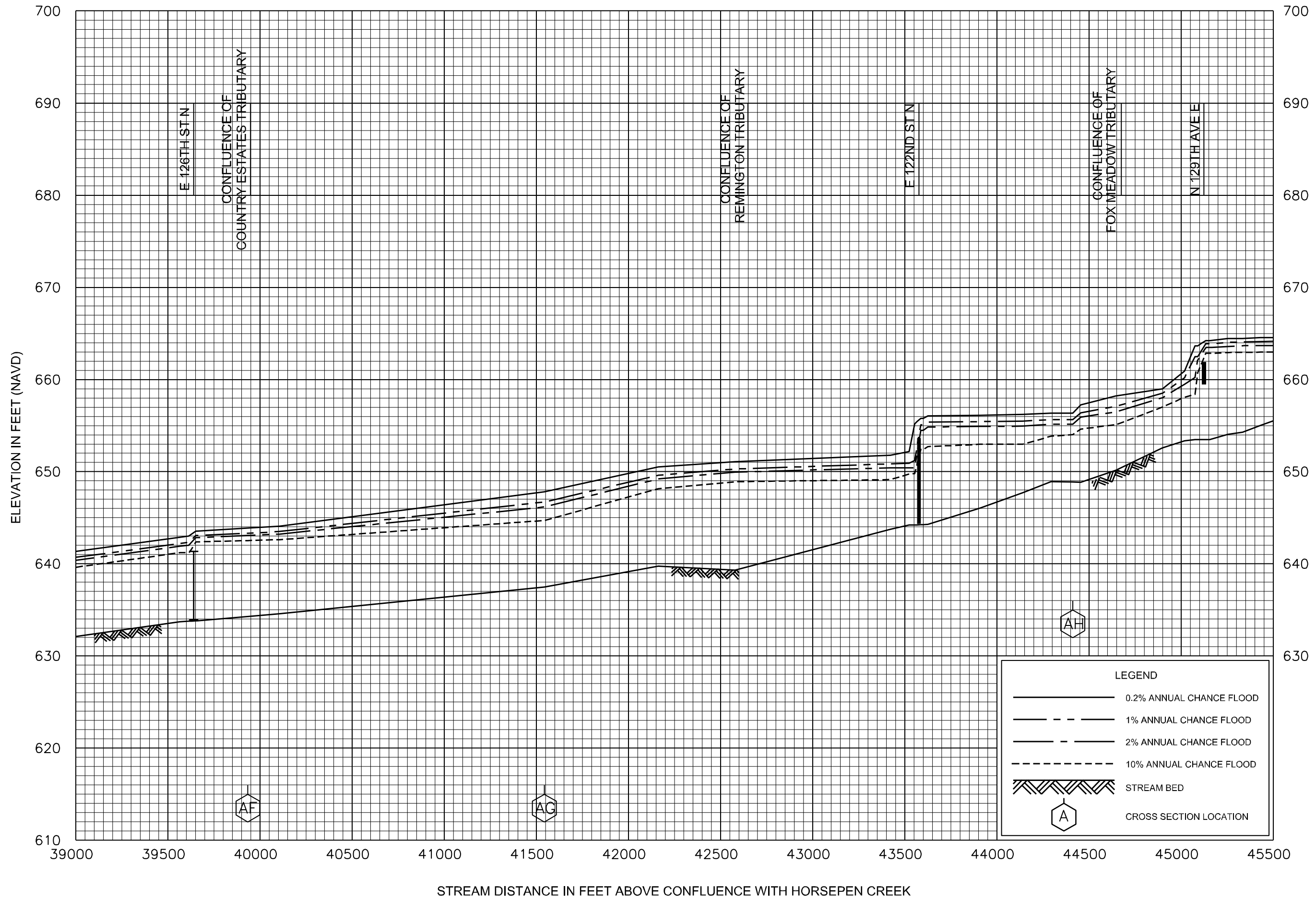
FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
BLACKJACK CREEK

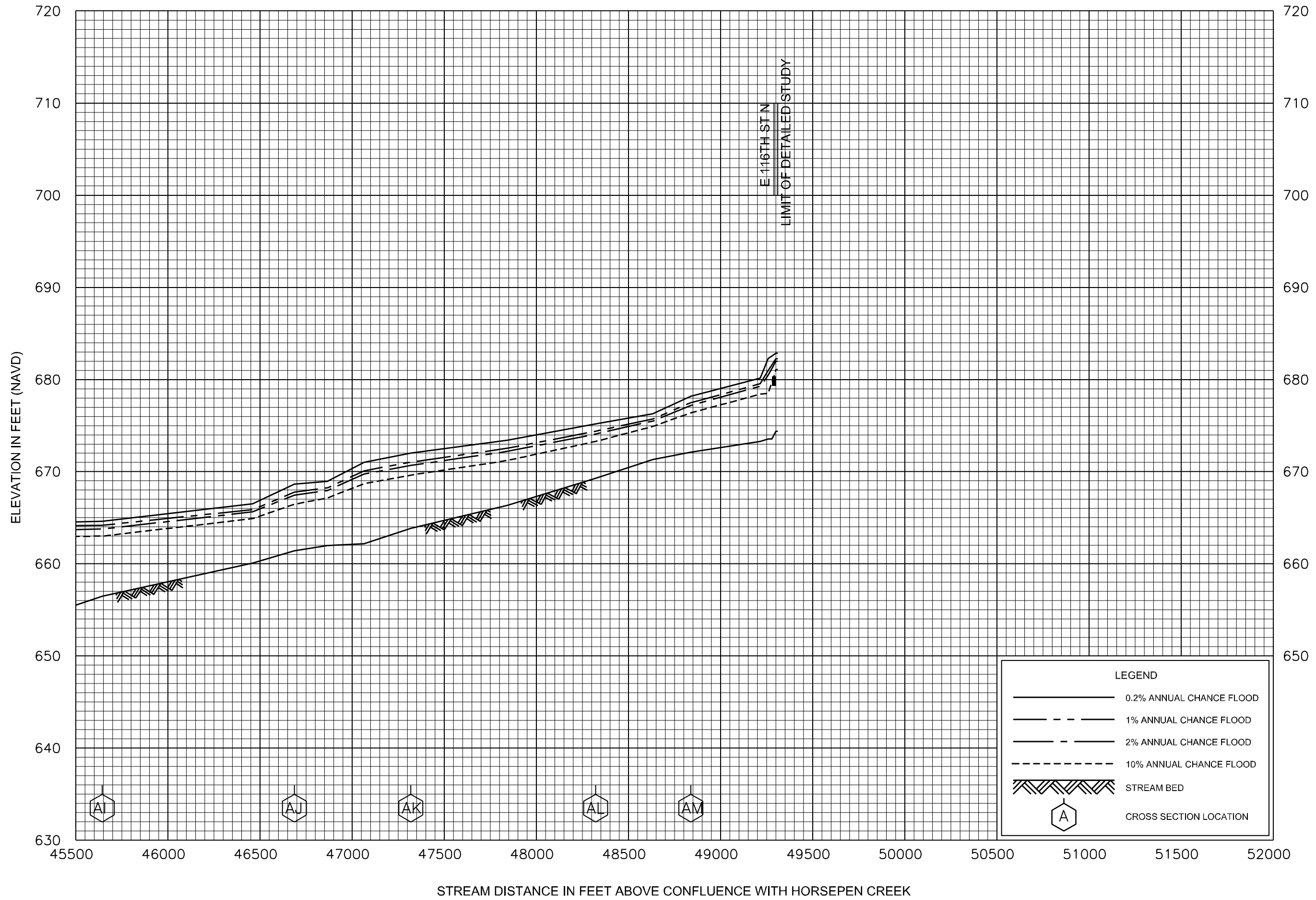
FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS





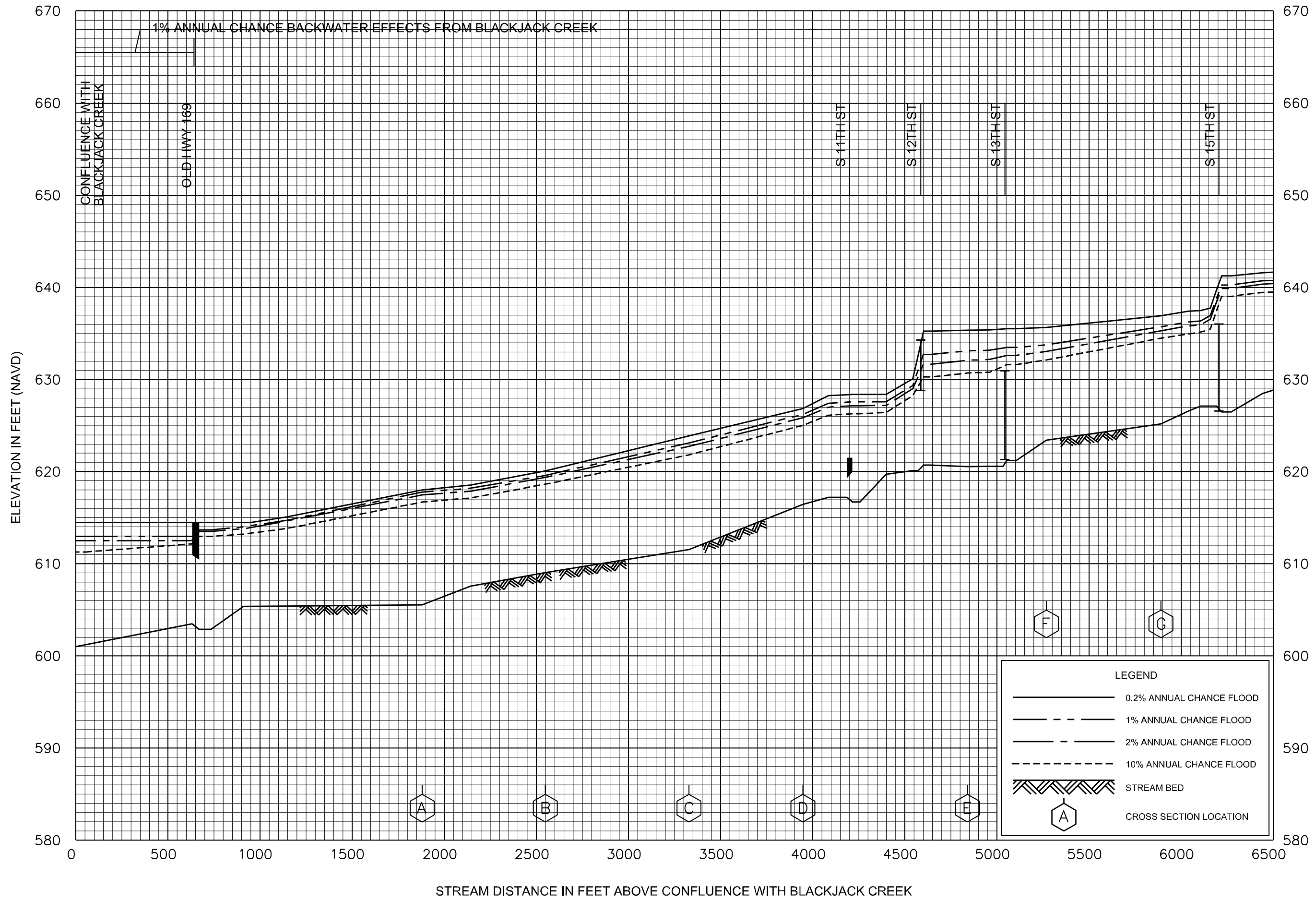
FLOOD PROFILES  
BLACKJACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
BLACKJACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

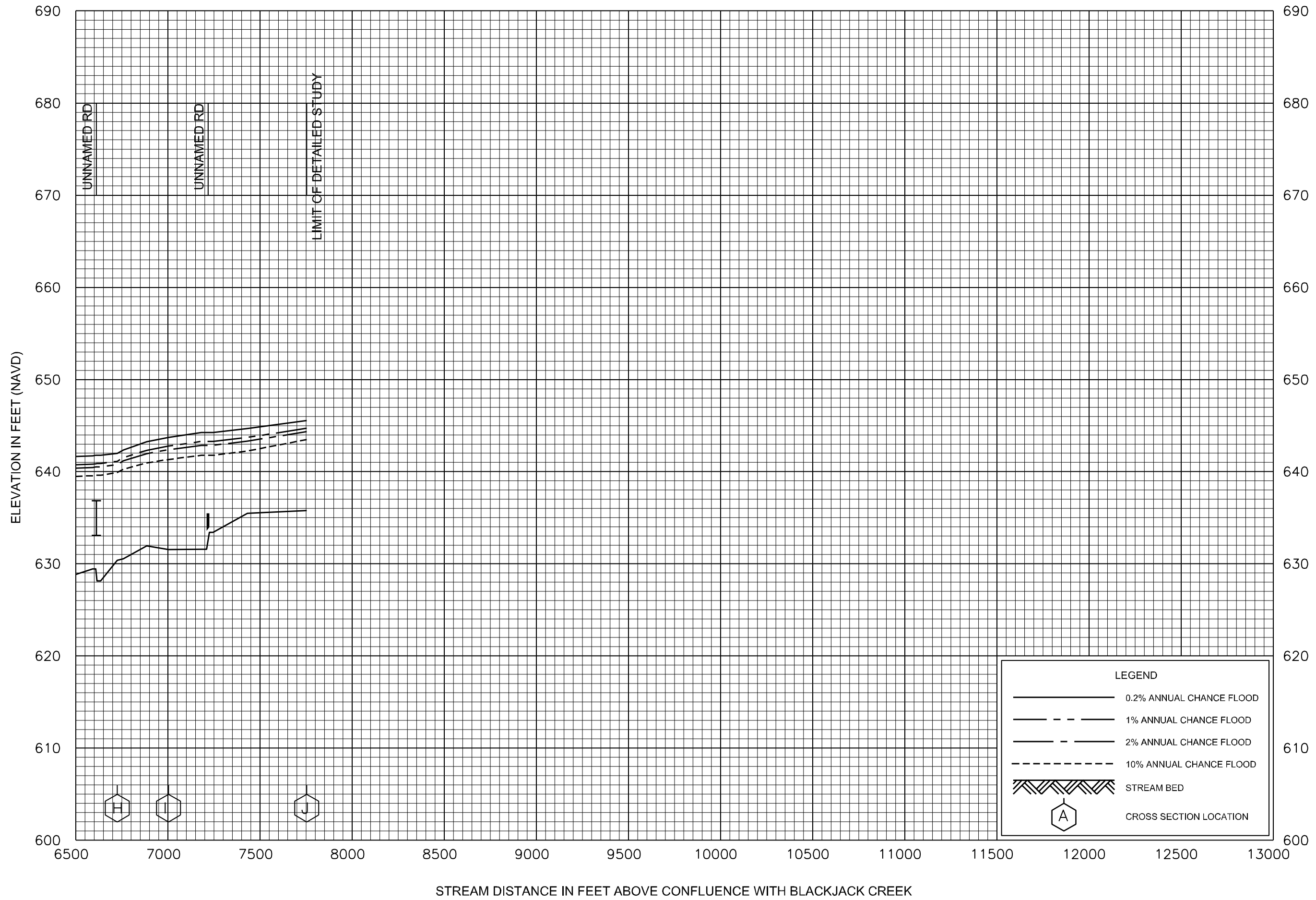


FLOOD PROFILES

BLACKJACK CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

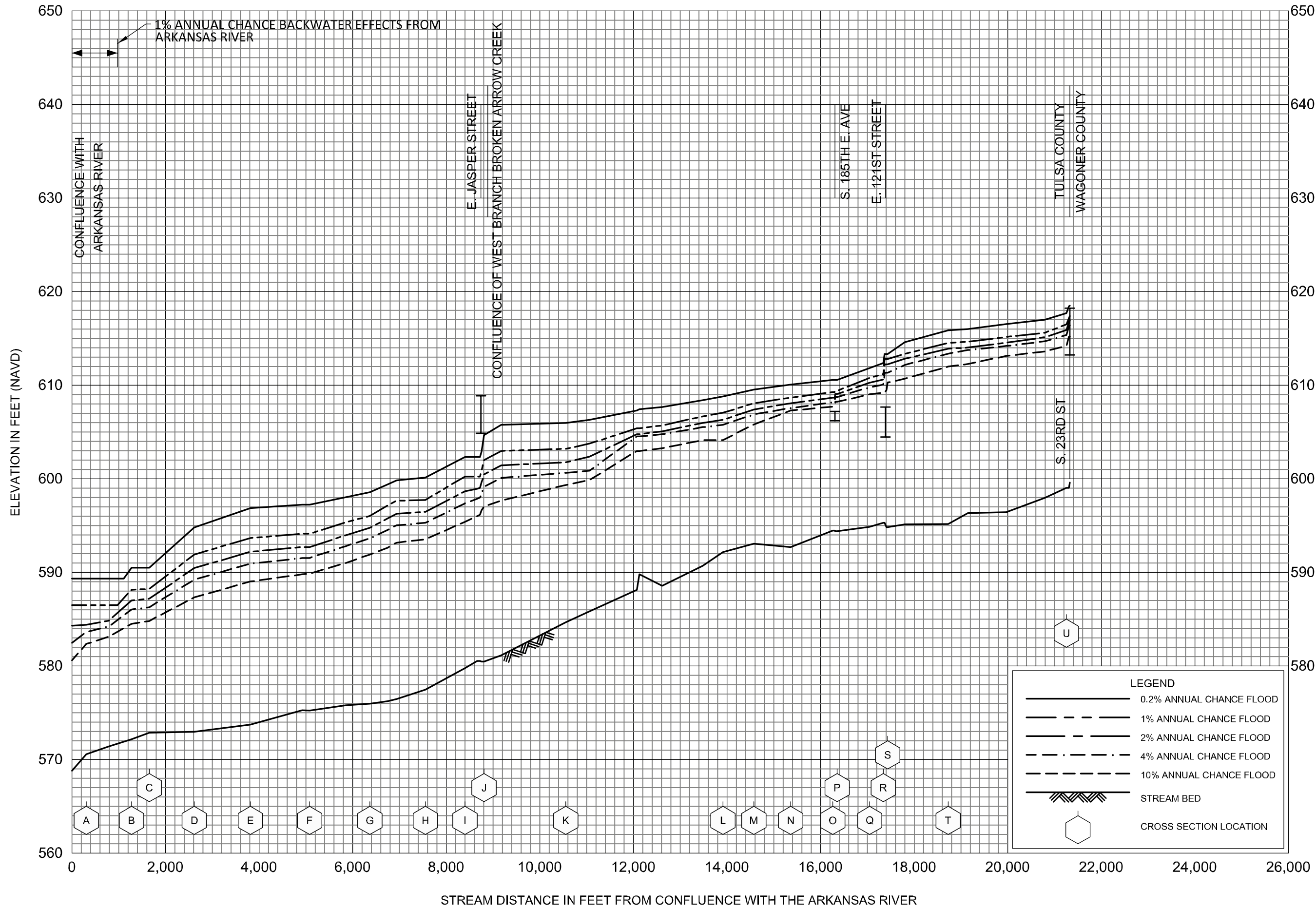


FLOOD PROFILES

BLACKJACK CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

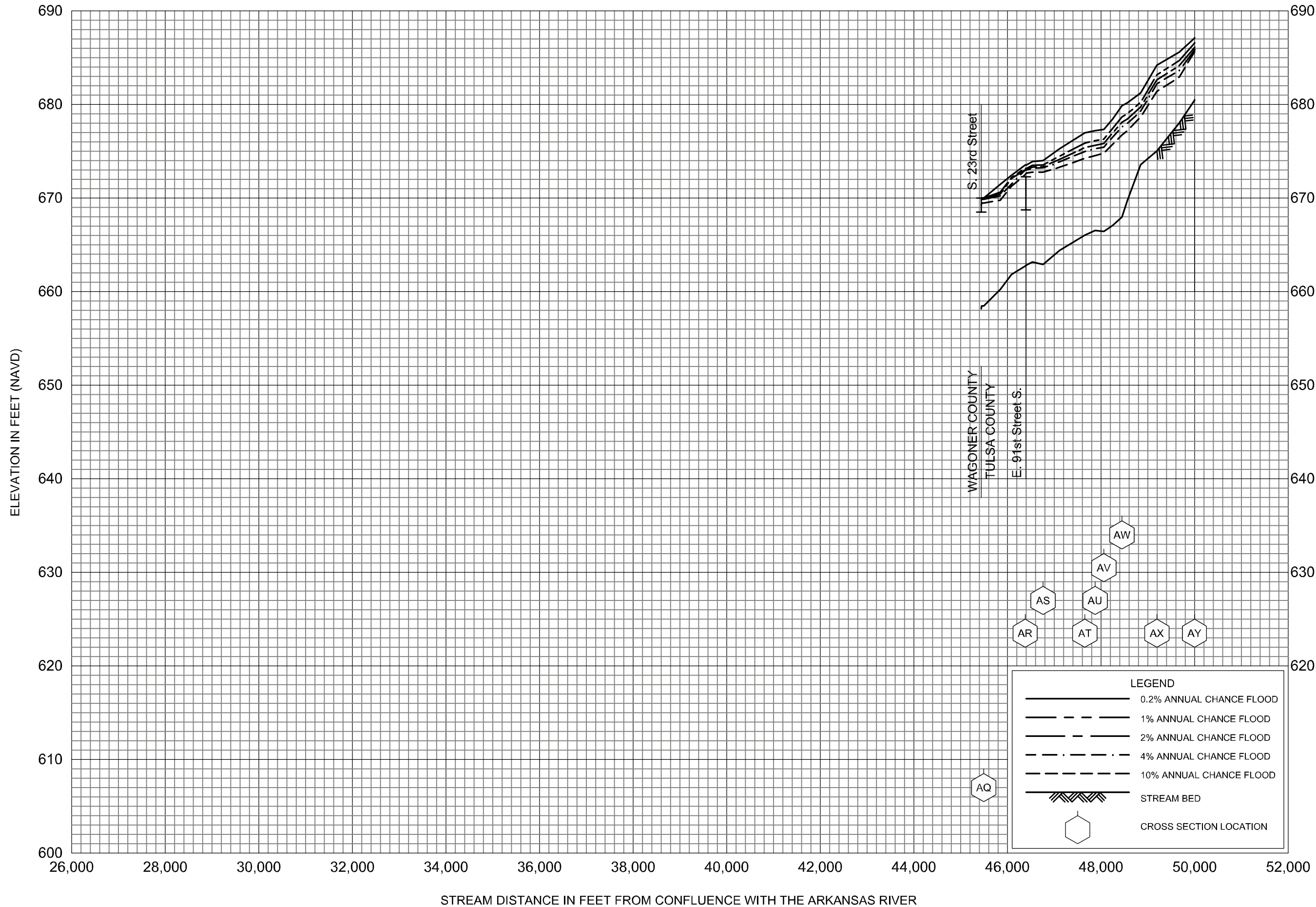


FLOOD PROFILES

BROKEN ARROW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

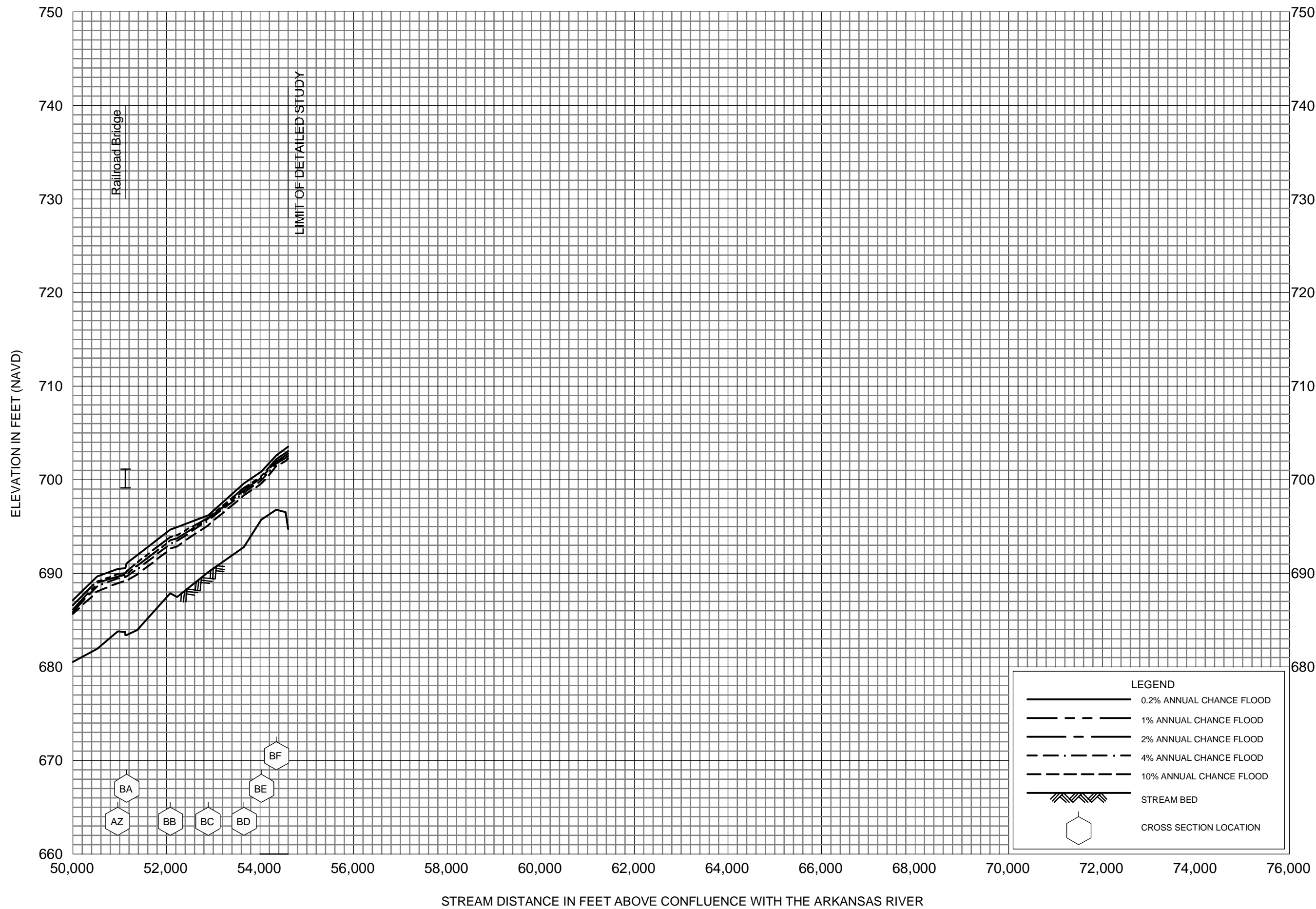


FLOOD PROFILES

BROKEN ARROW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

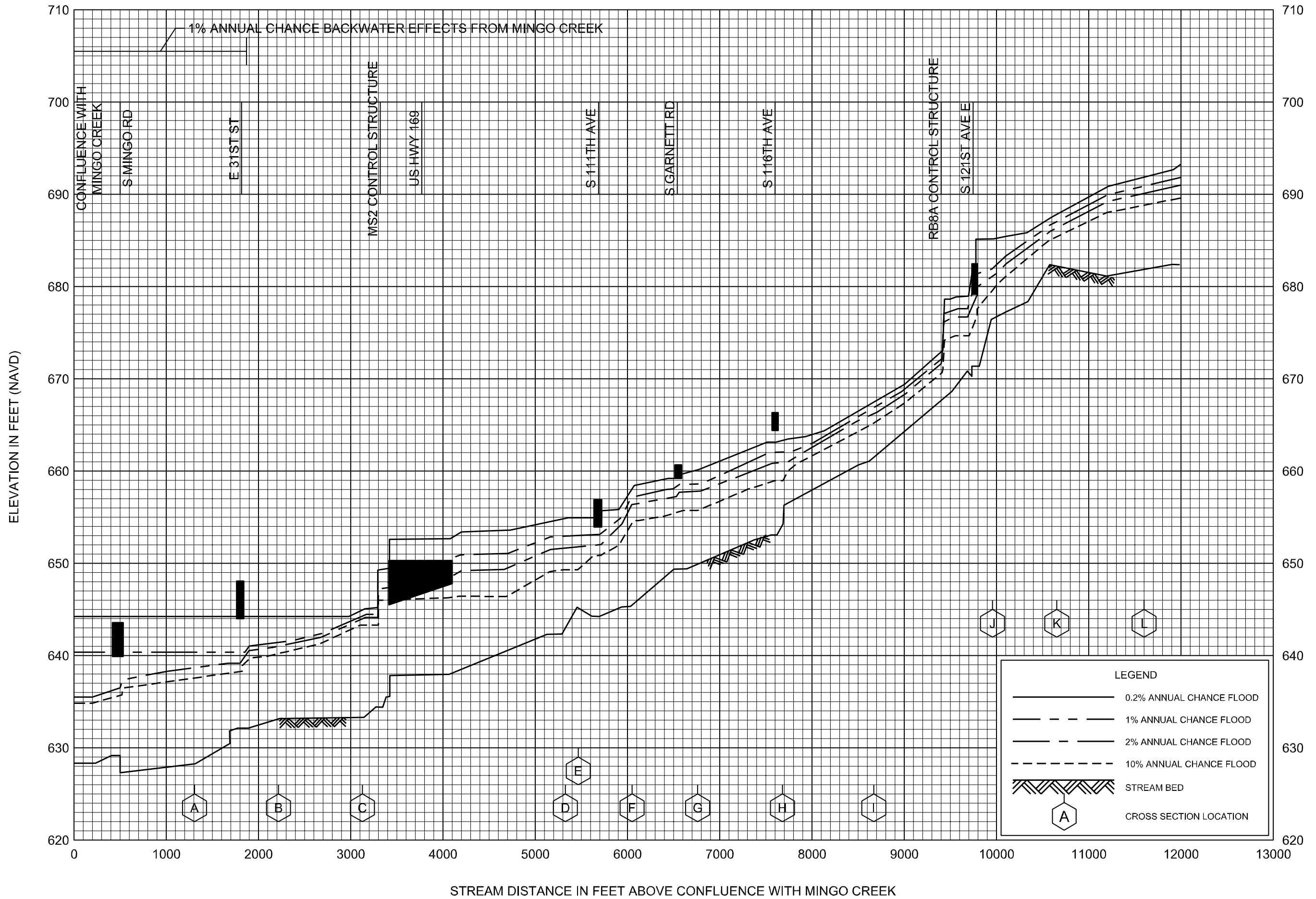


FLOOD PROFILES

BROKEN ARROW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



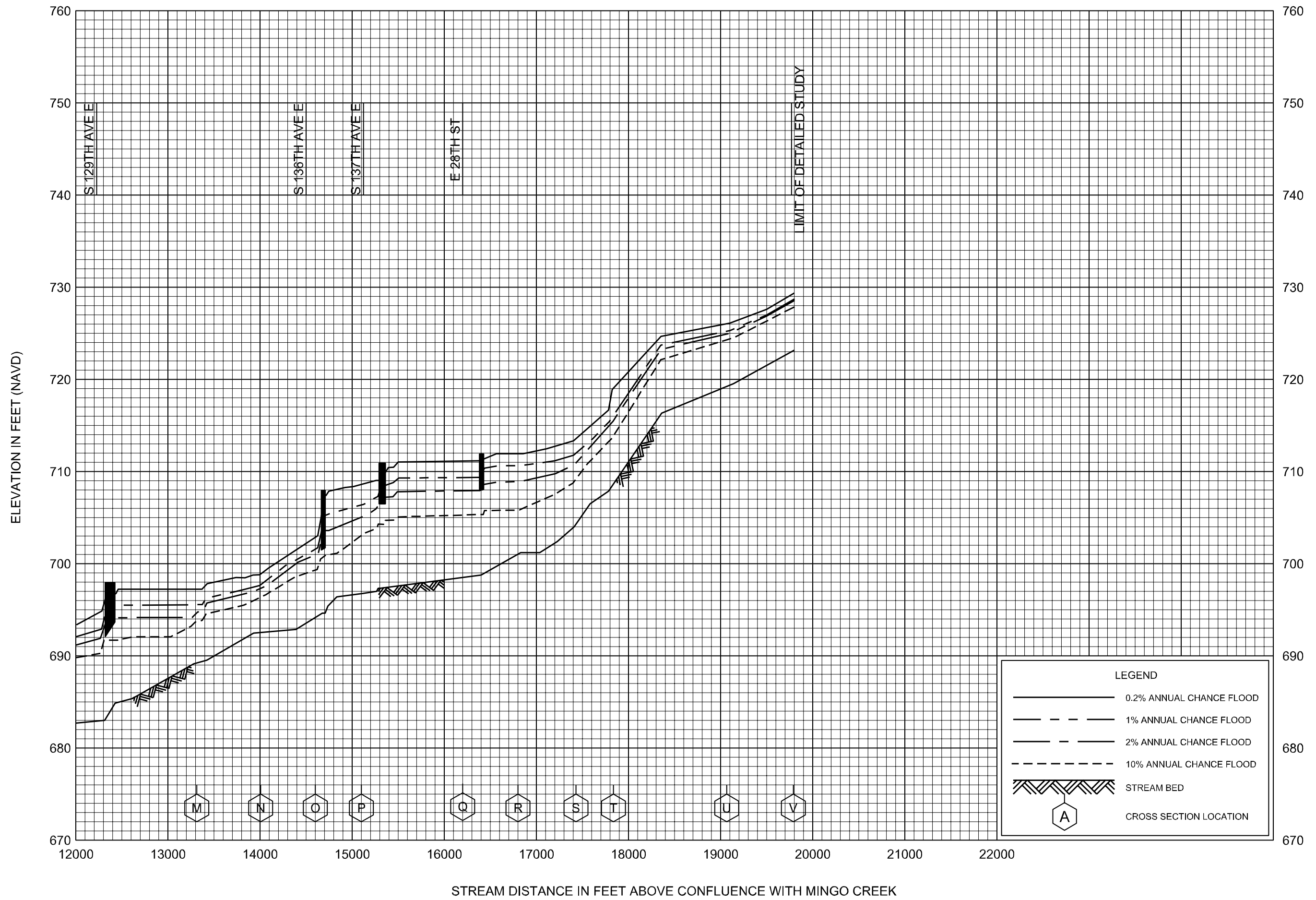
FLOOD PROFILES

BROOKHOLLOW 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

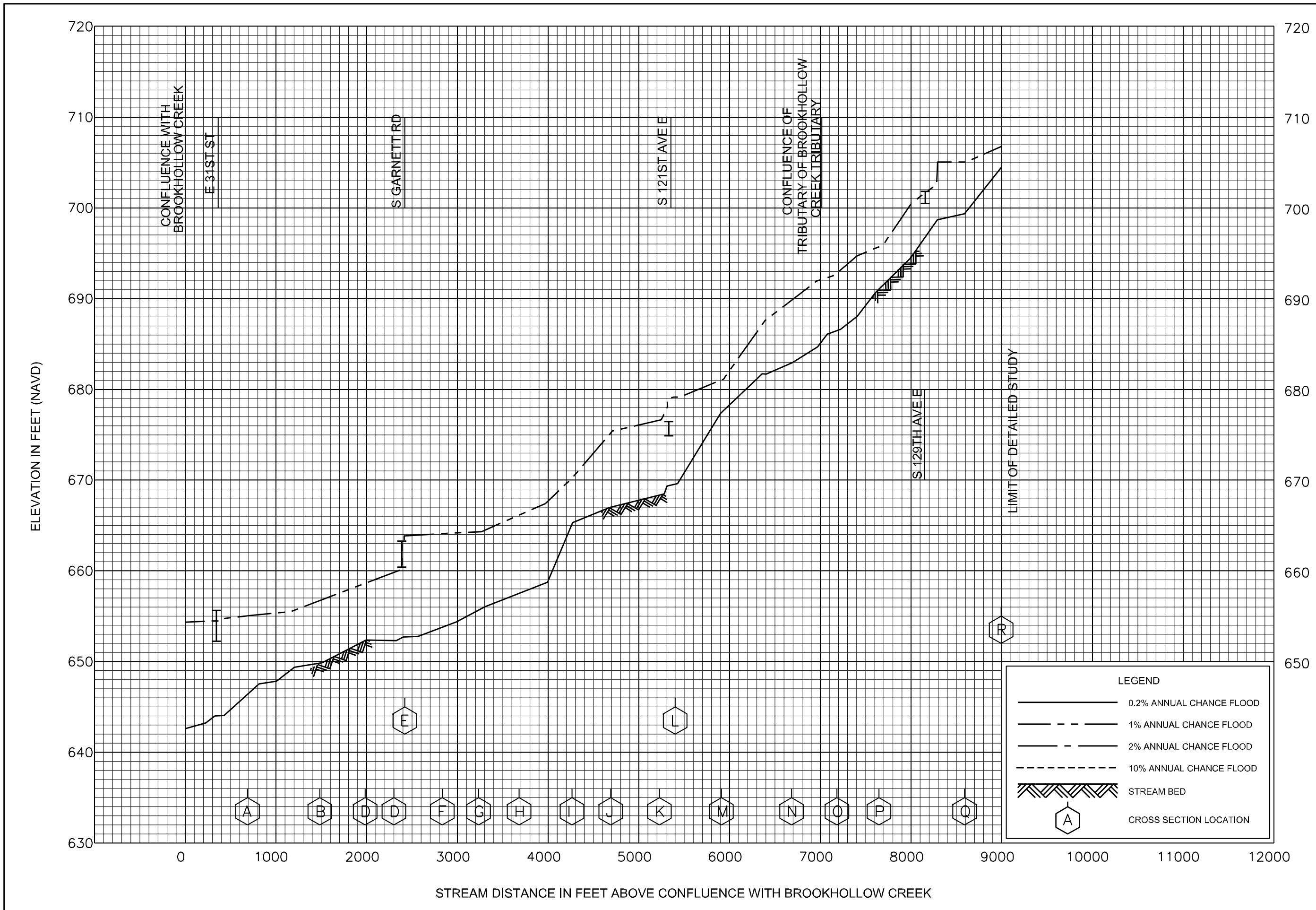
FLOOD PROFILES

BROOKHOLLOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK

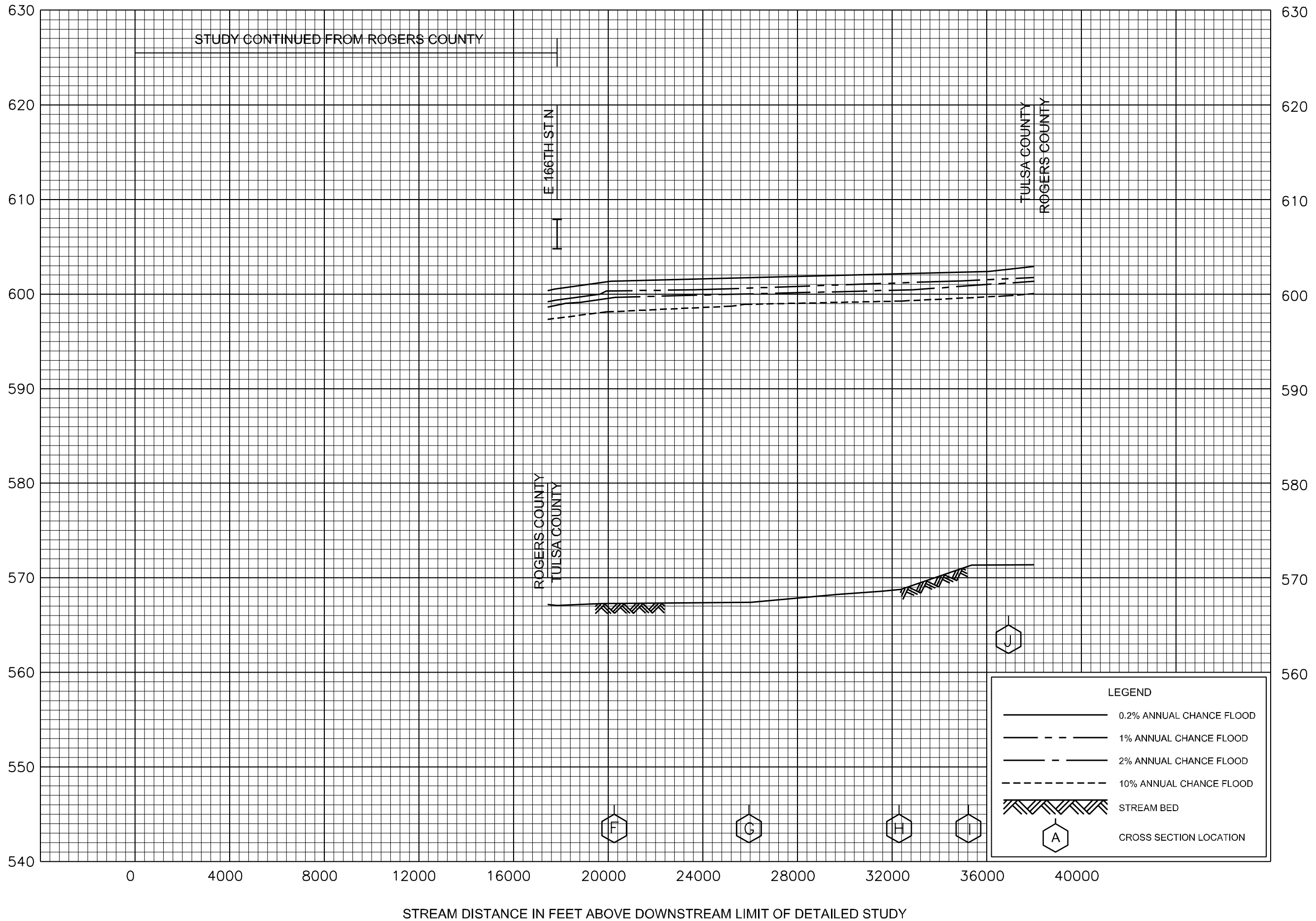
AND INCORPORATED AREAS



FLOOD PROFILES  
 BROOKHOLLOW CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 TULSA COUNTY, OK  
 AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)

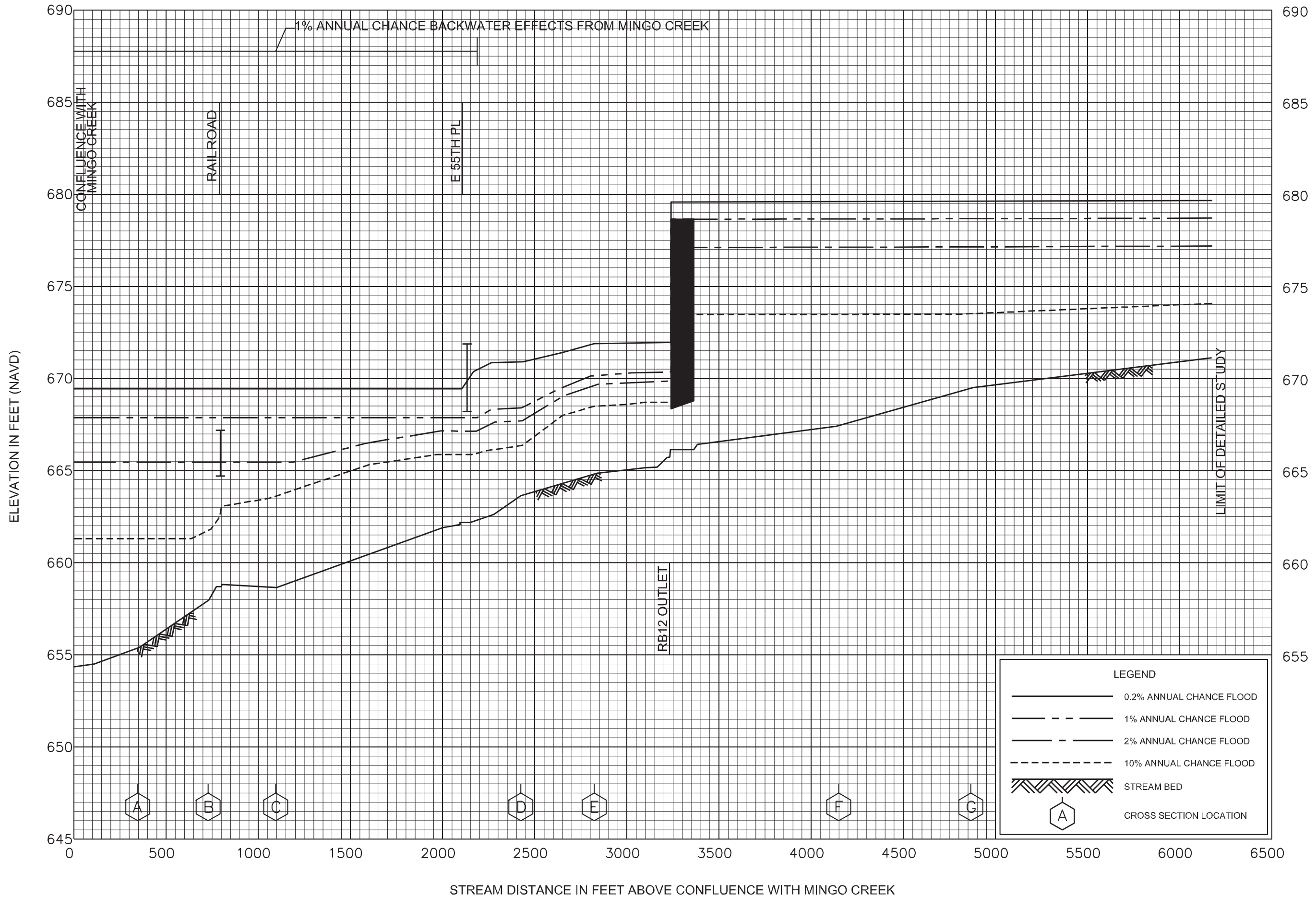


FLOOD PROFILES

CANEY RIVER

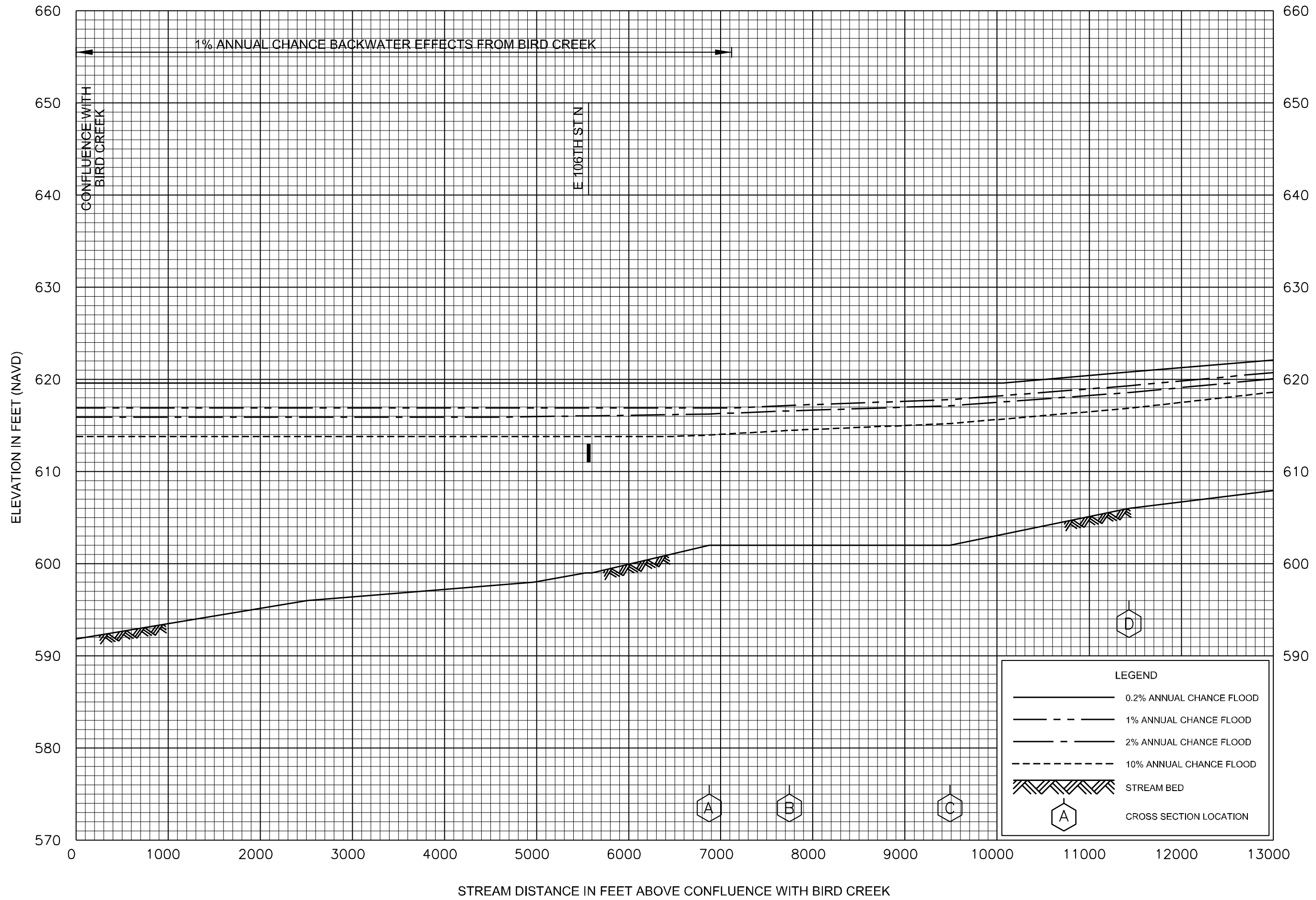
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



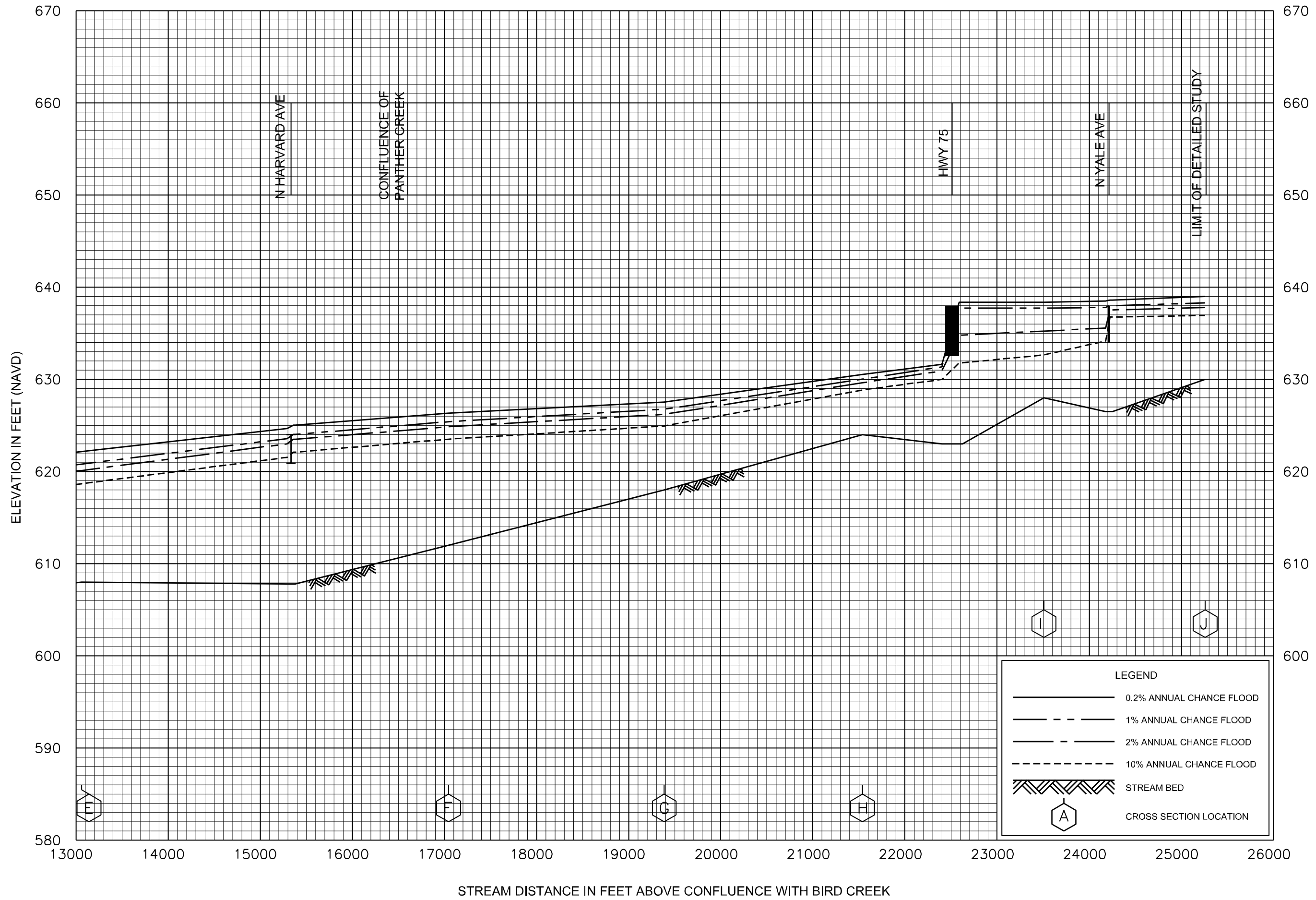
FLOOD PROFILES  
CATFISH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



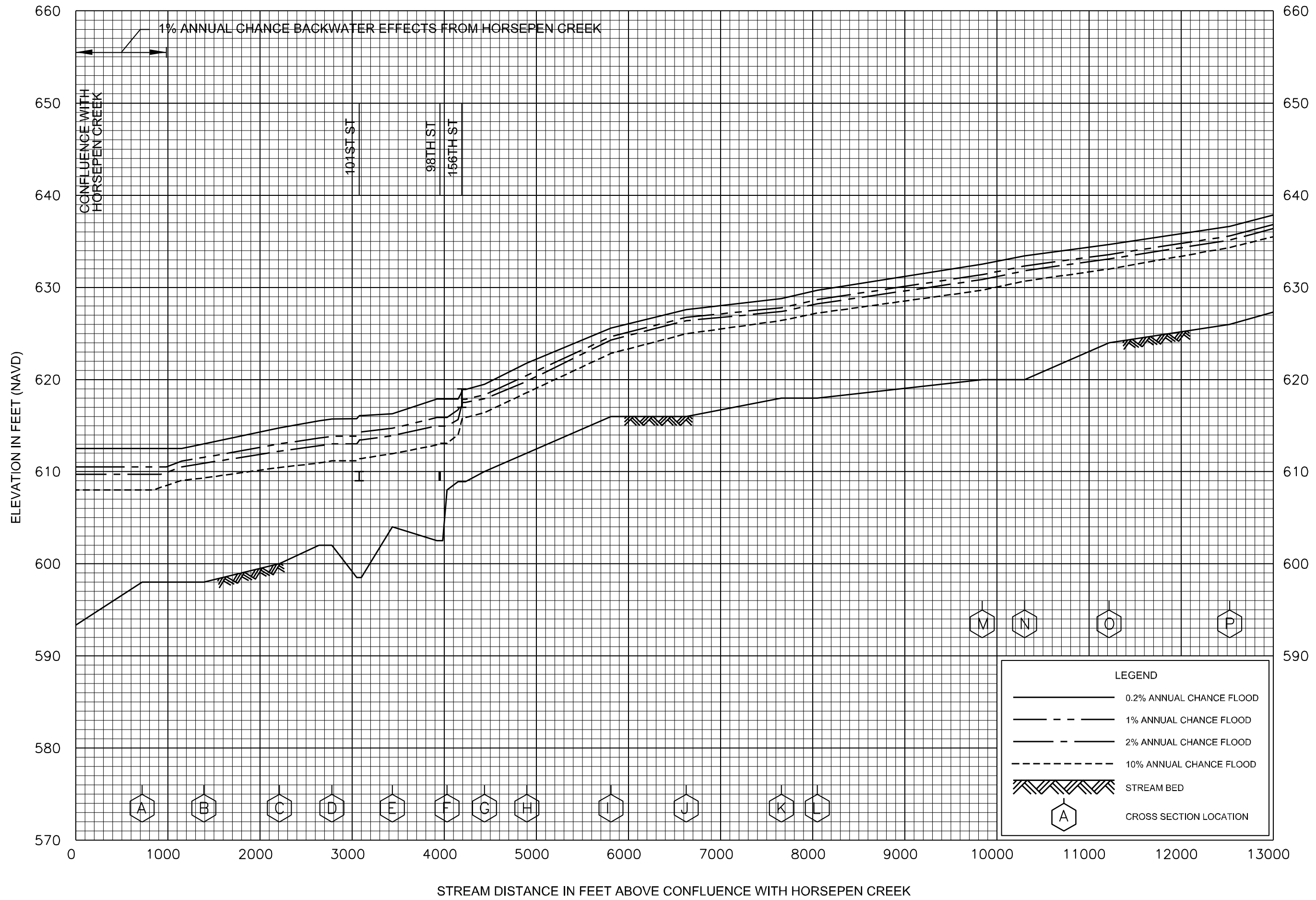
**FLOOD PROFILES**  
**CHARLEY CREEK**

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



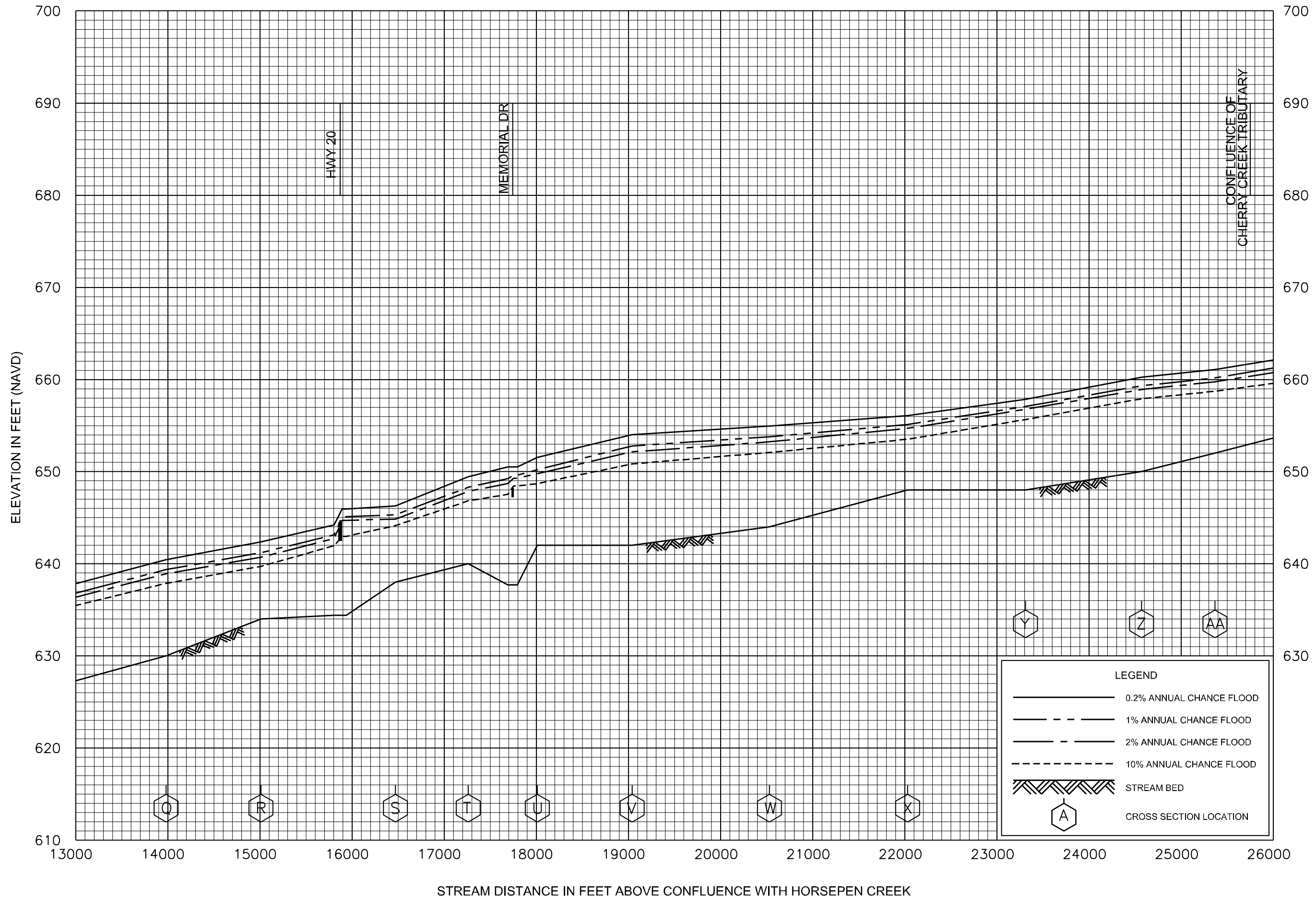
FLOOD PROFILES  
CHARLEY CREEK

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



FLOOD PROFILES  
CHERRY CREEK (NORTH TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



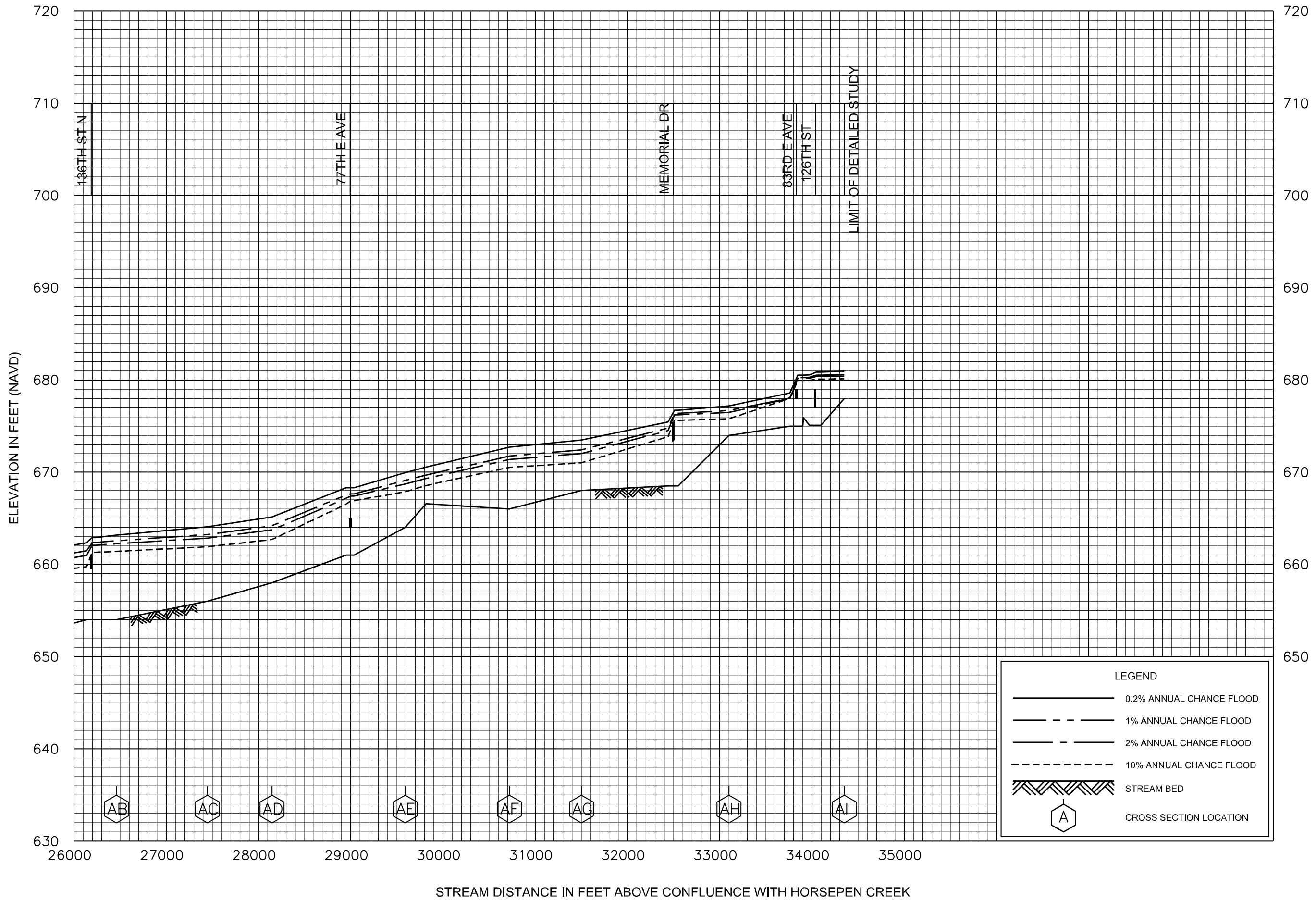
FLOOD PROFILES

CHERRY CREEK (NORTH TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



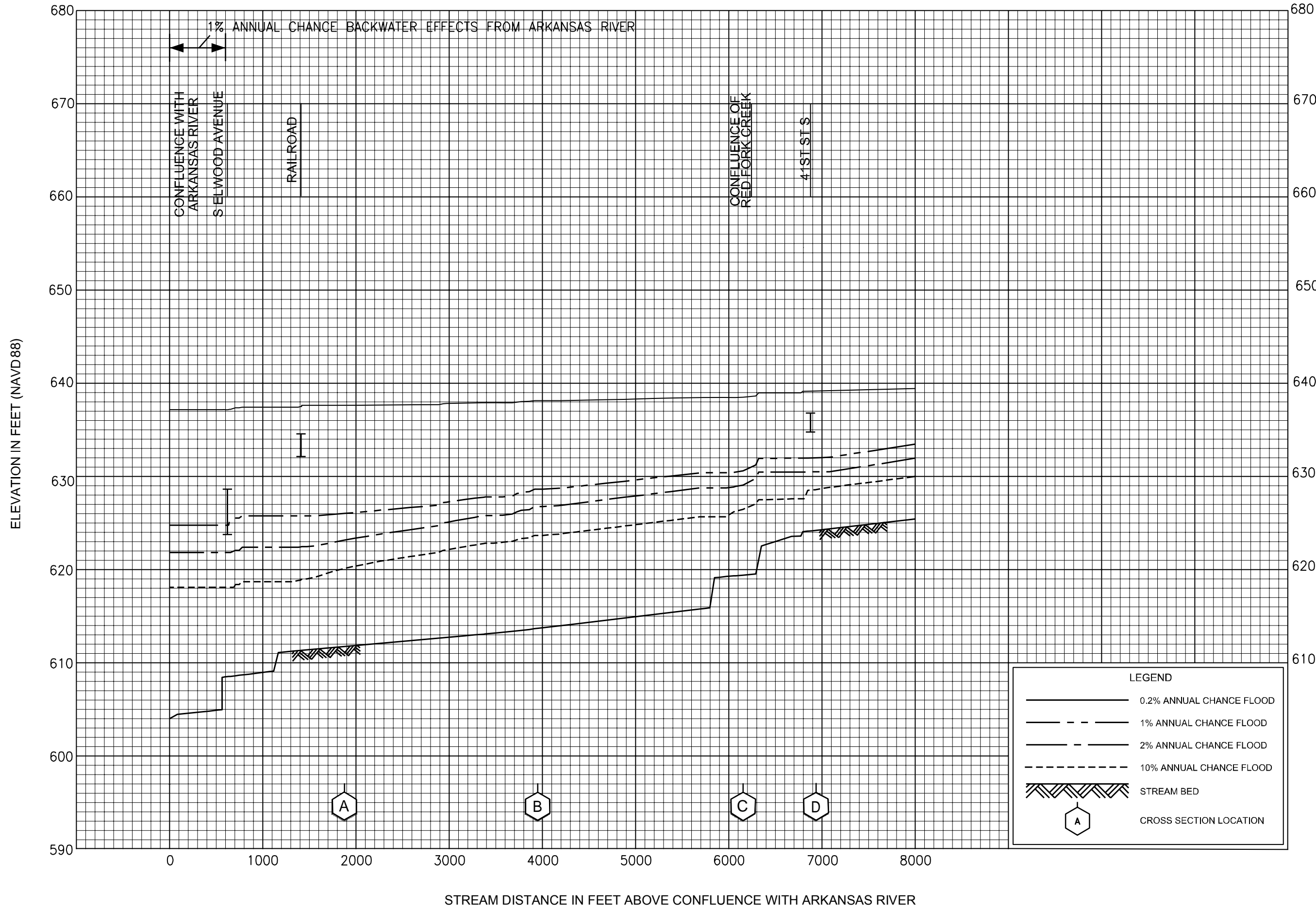


FLOOD PROFILES

CHERRY CREEK (NORTH TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

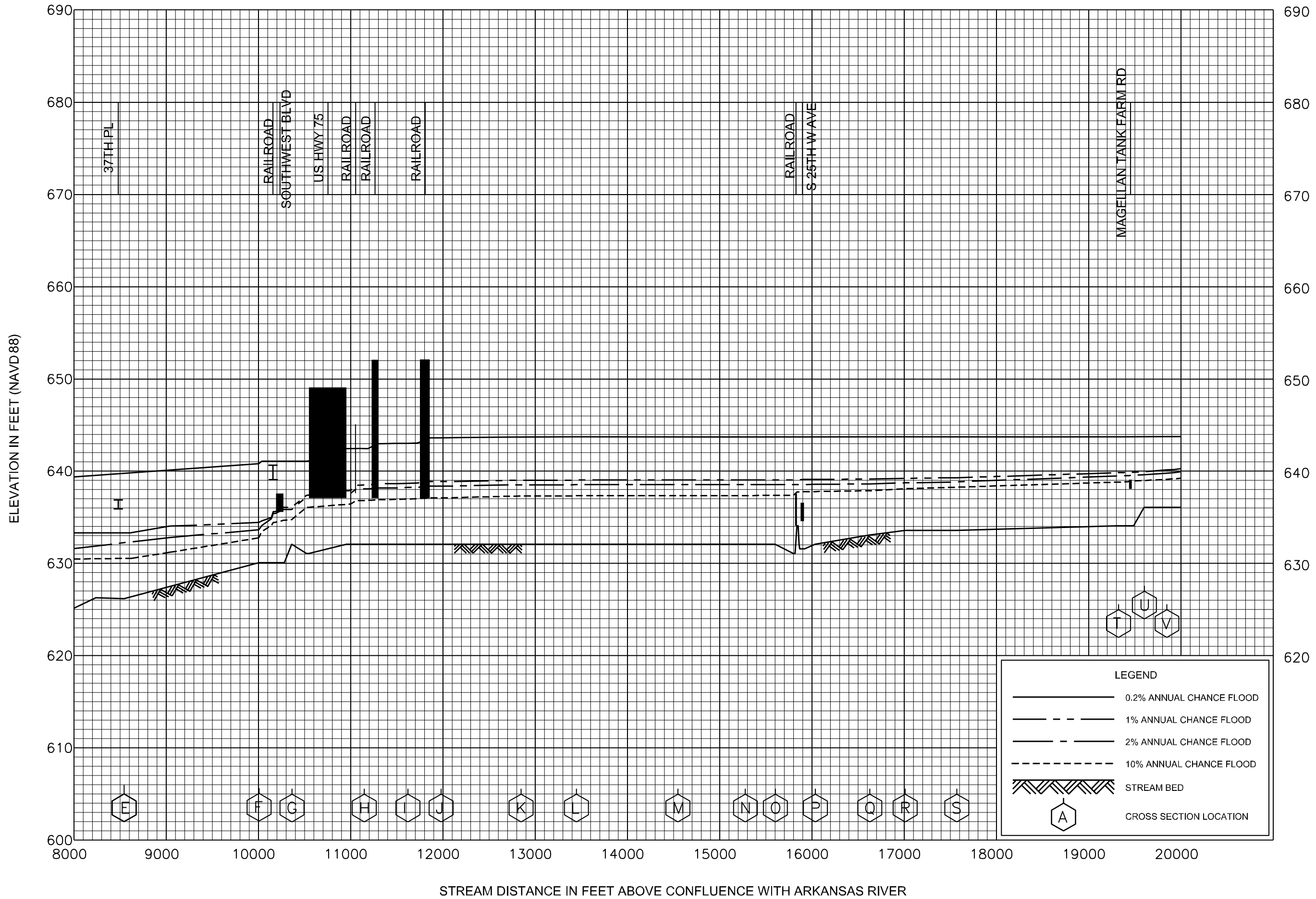


FLOOD PROFILES

CHERRY CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

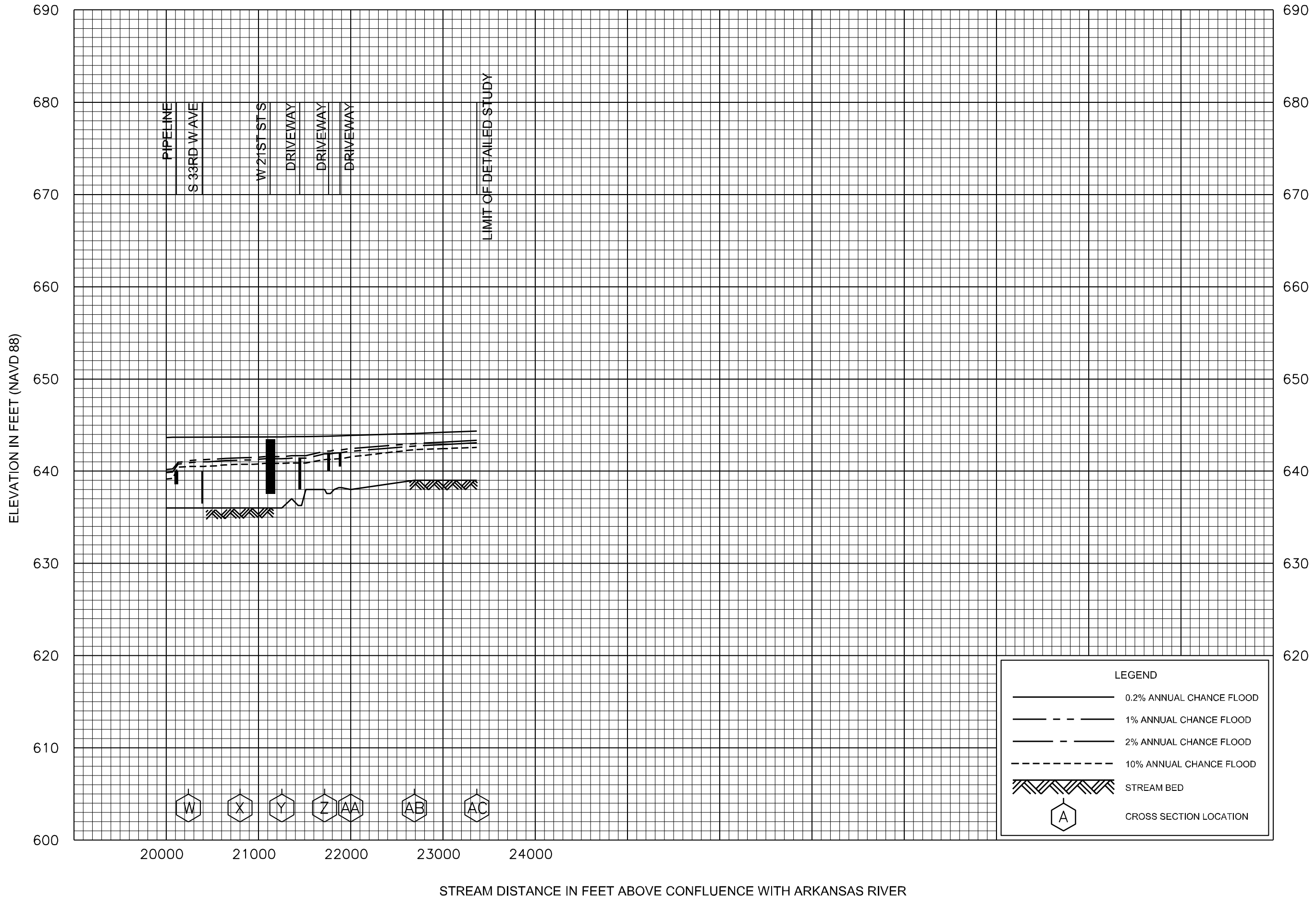


FLOOD PROFILES

CHERRY CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

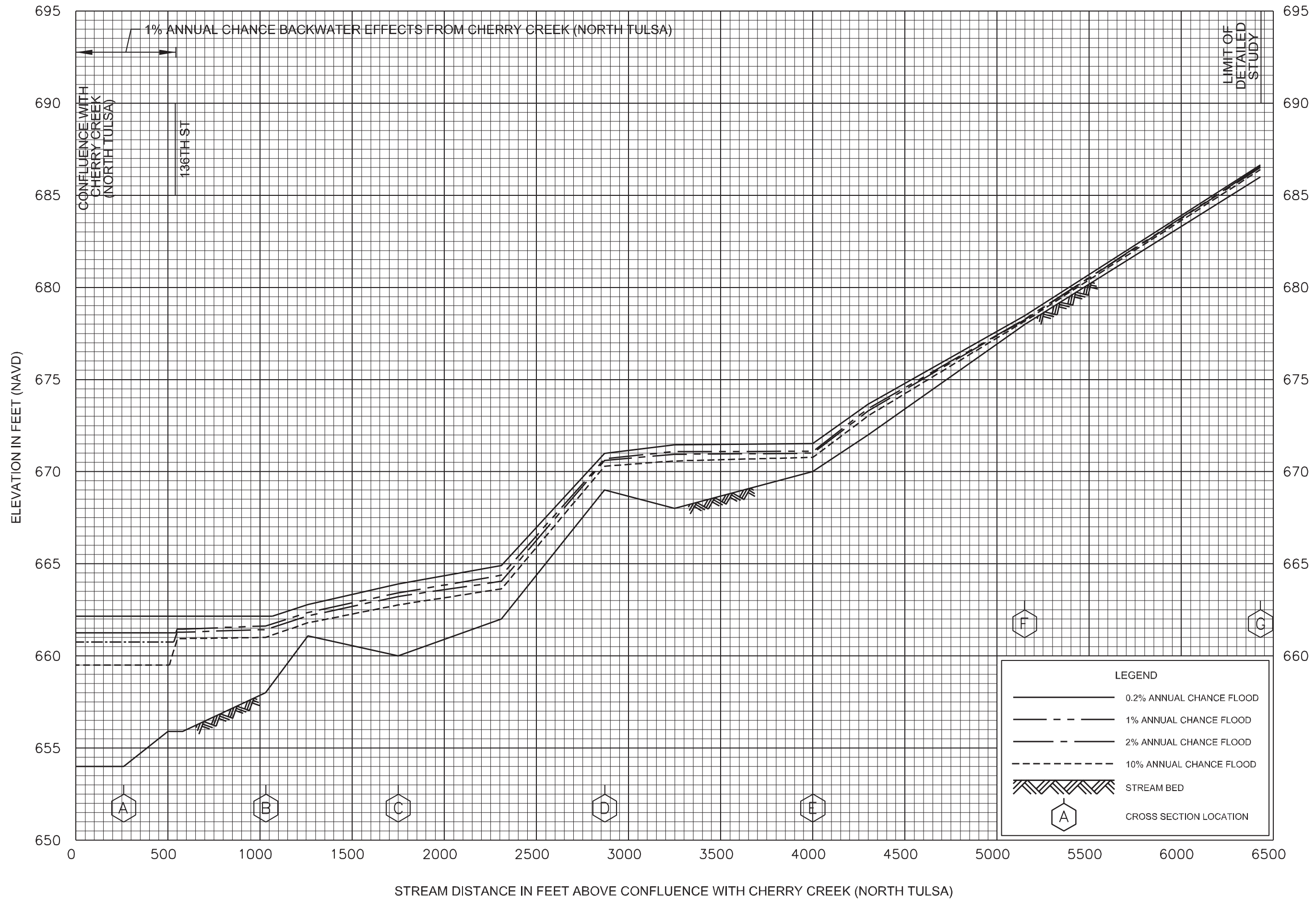


FLOOD PROFILES

CHERRY CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

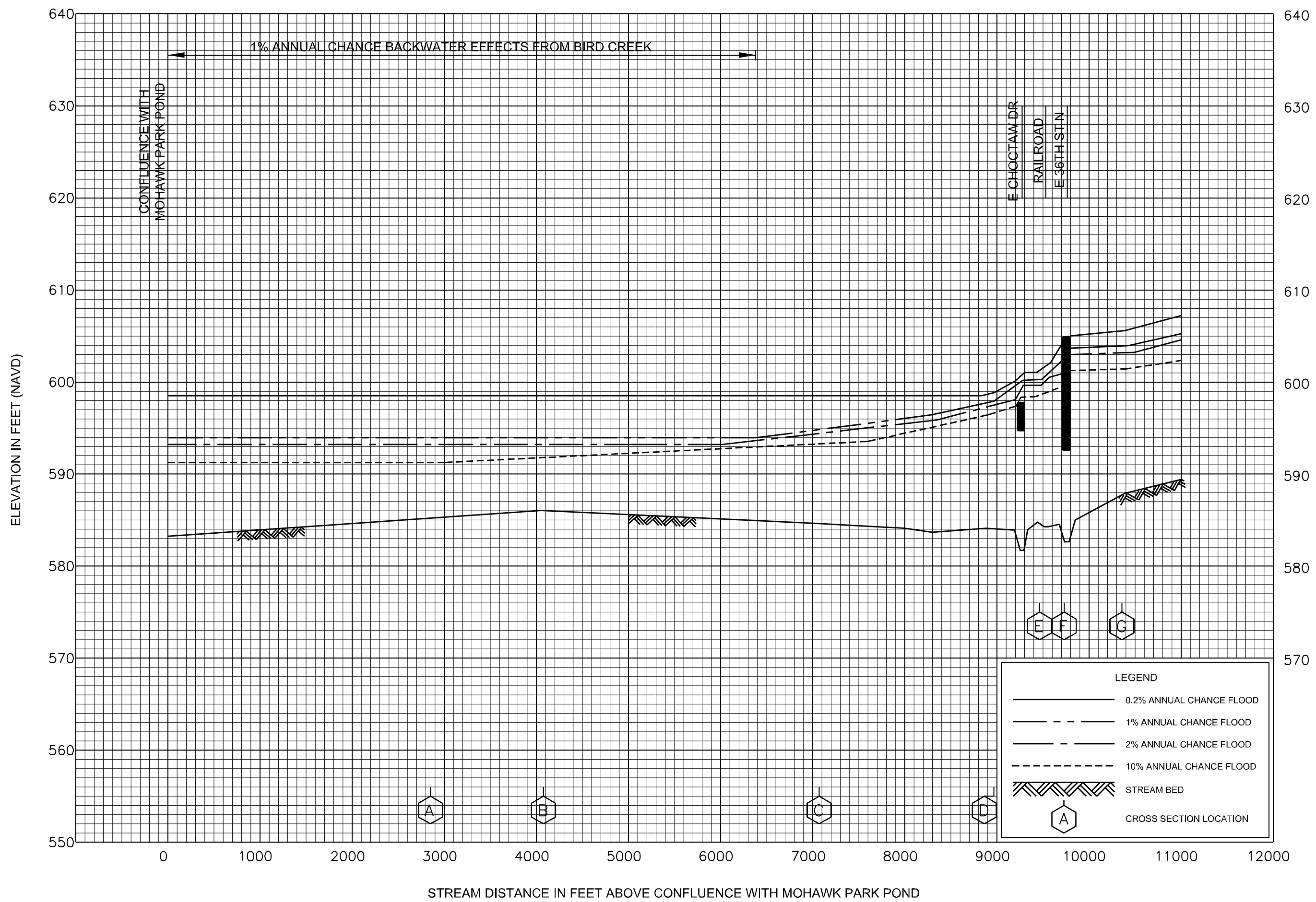


FLOOD PROFILES

CHERRY CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

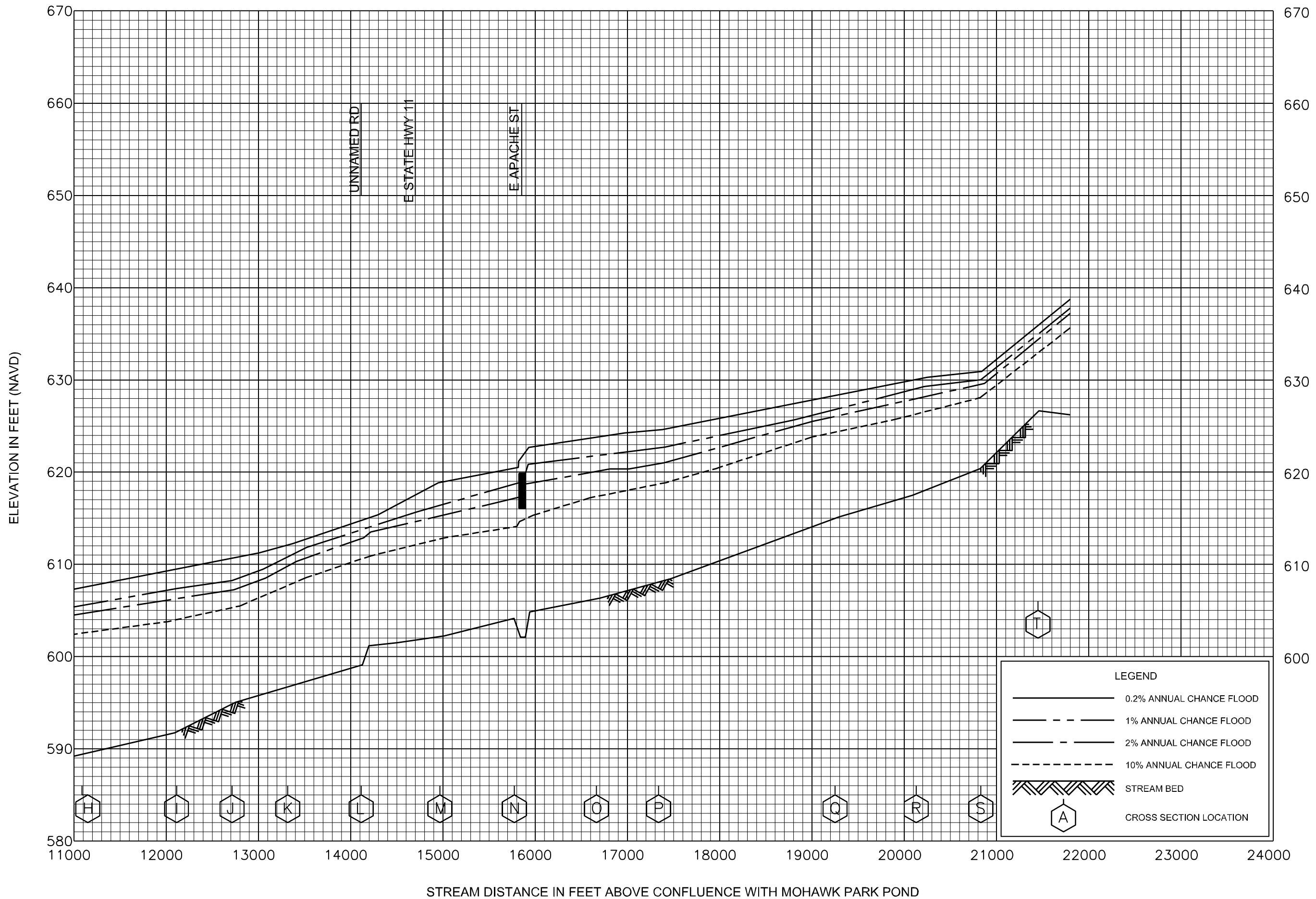


FLOOD PROFILES

COAL CREEK (NORTH TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

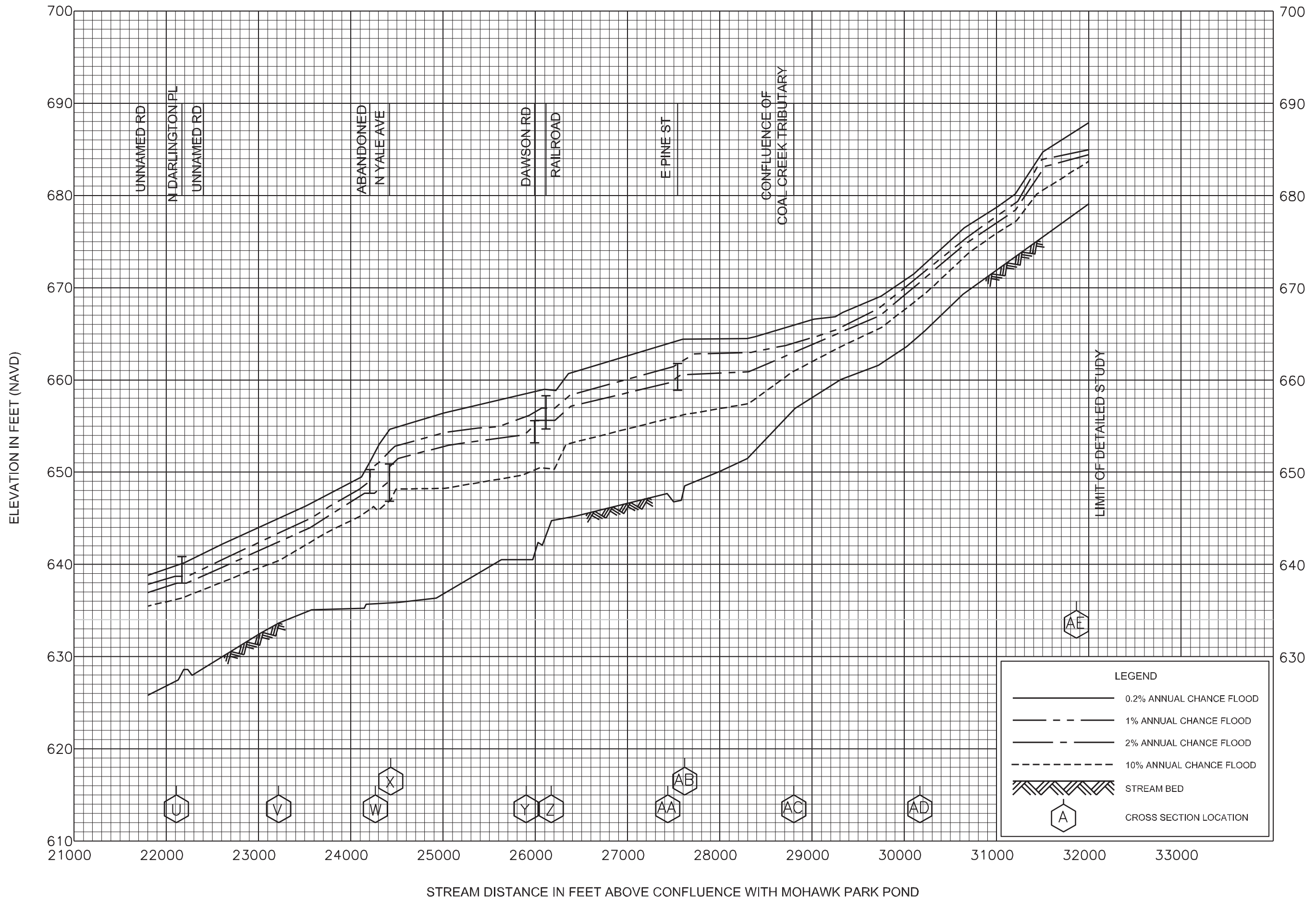


FLOOD PROFILES

COAL CREEK (NORTH TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



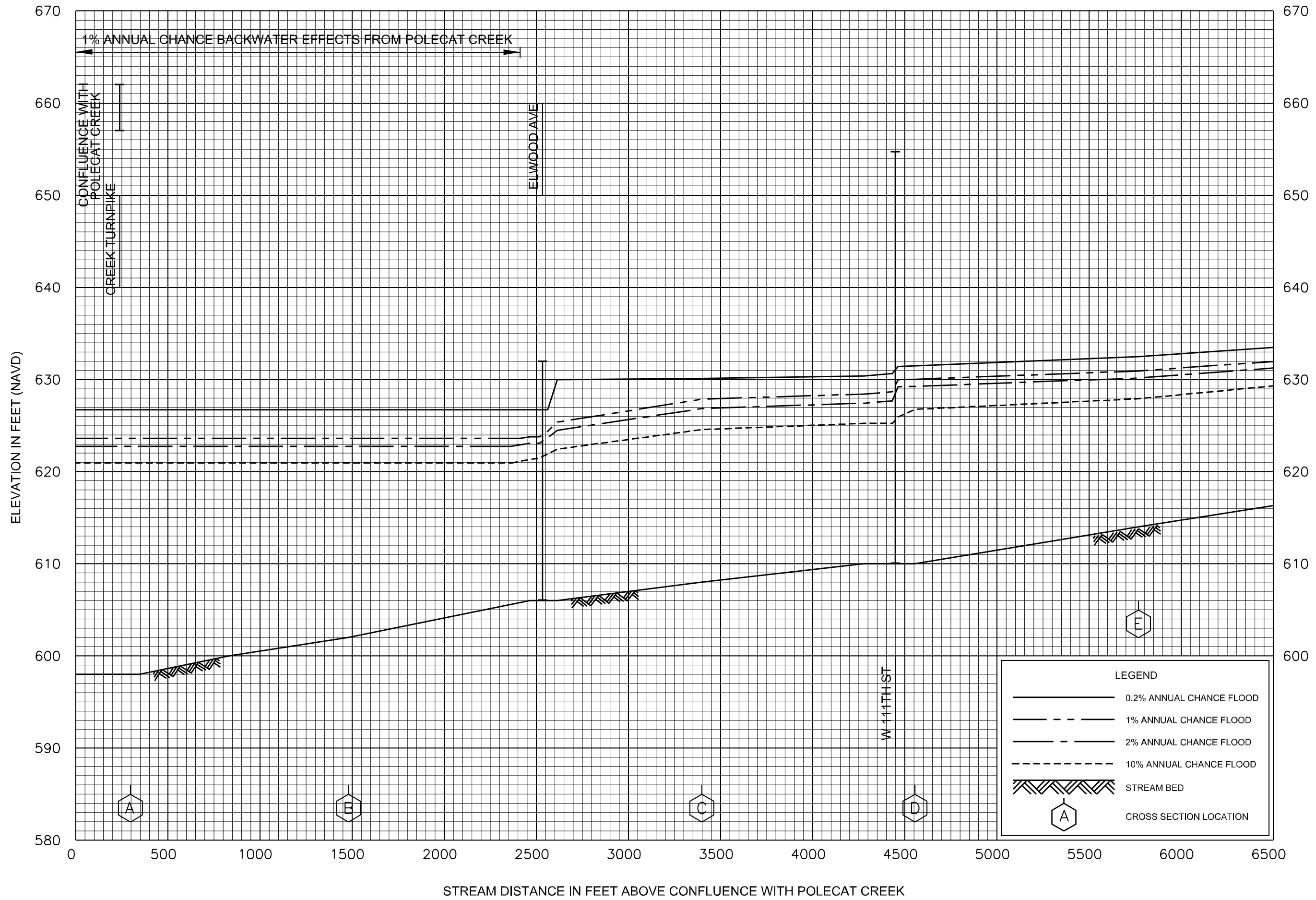
FLOOD PROFILES

COAL CREEK (NORTH TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



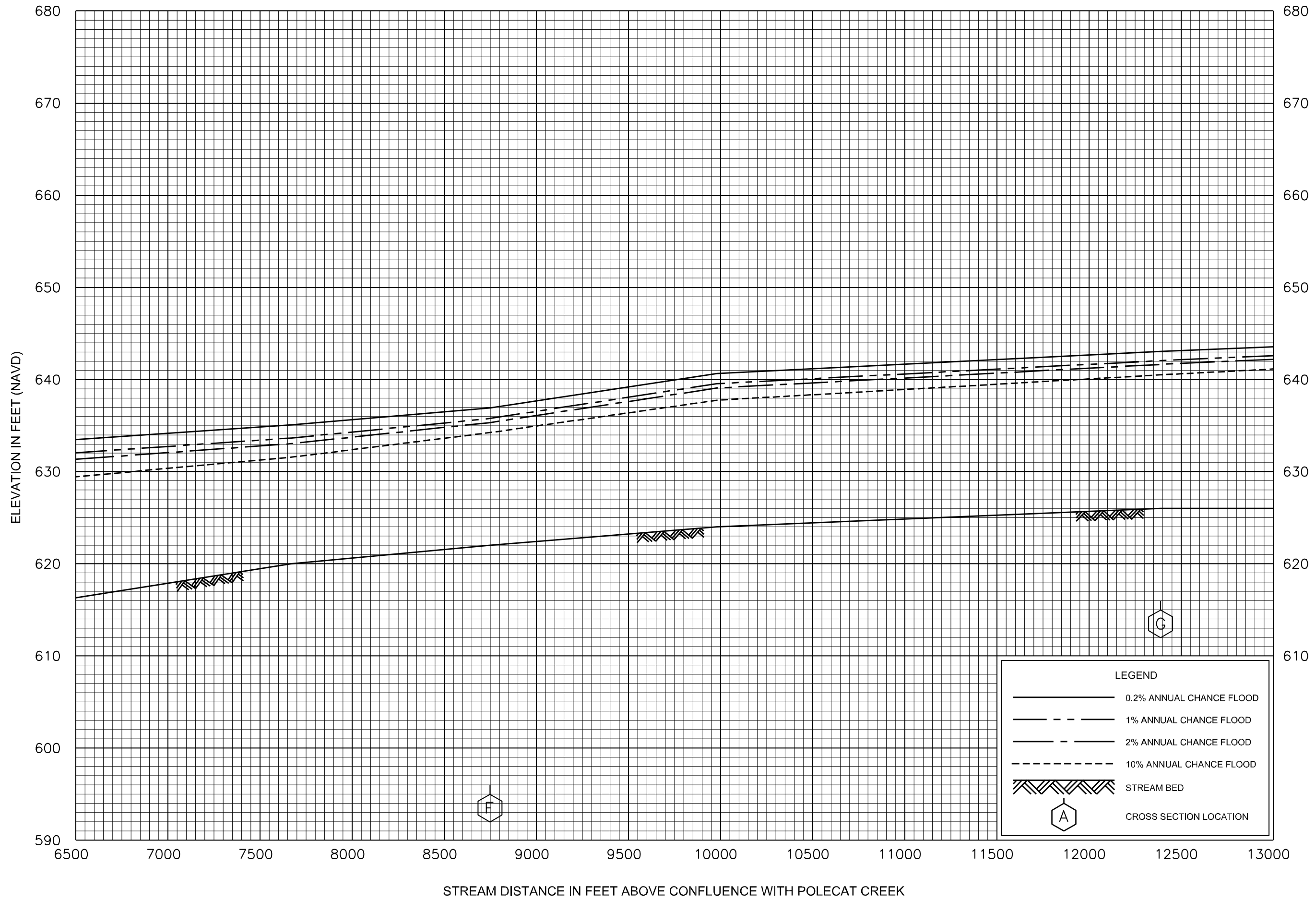


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

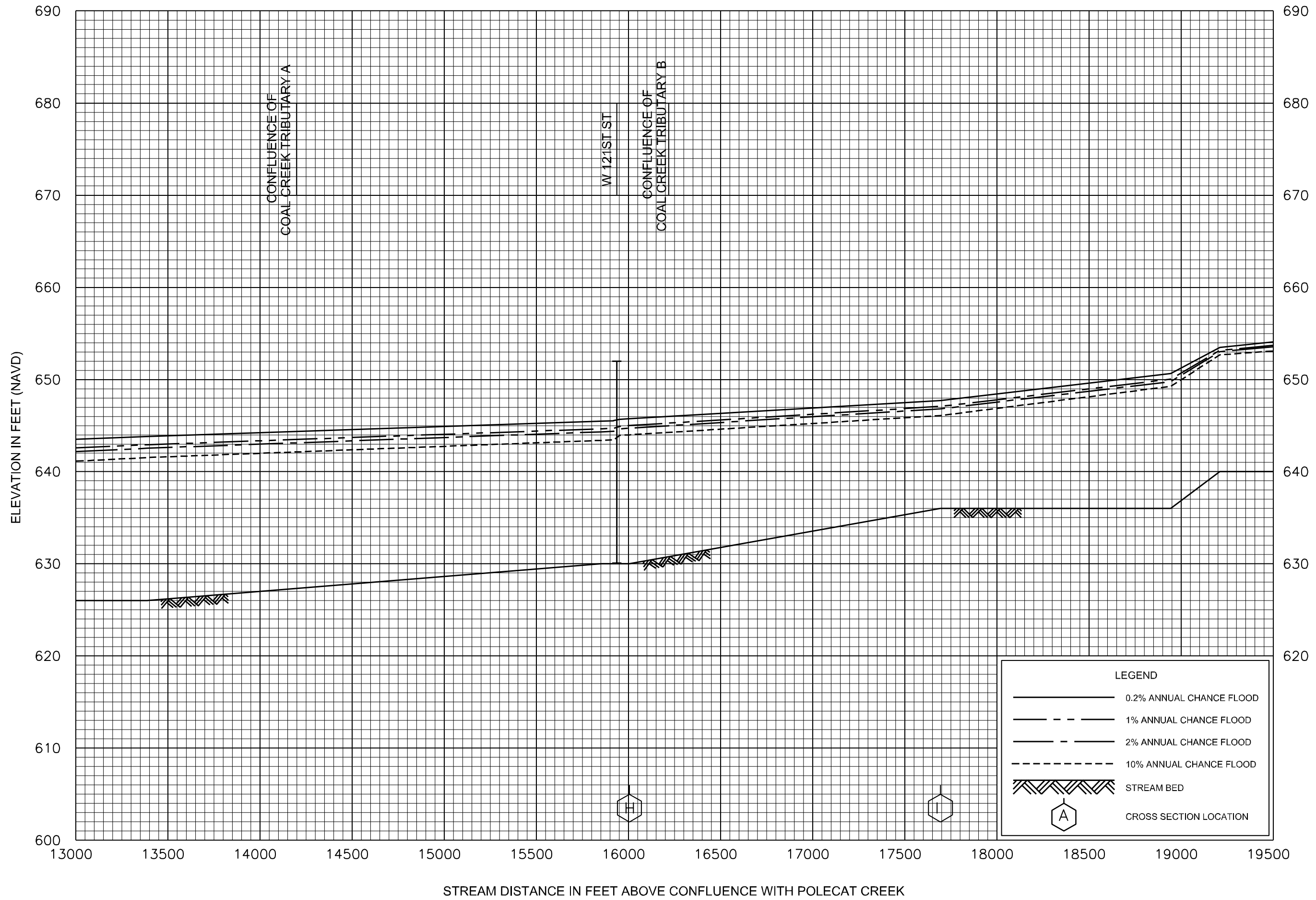


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

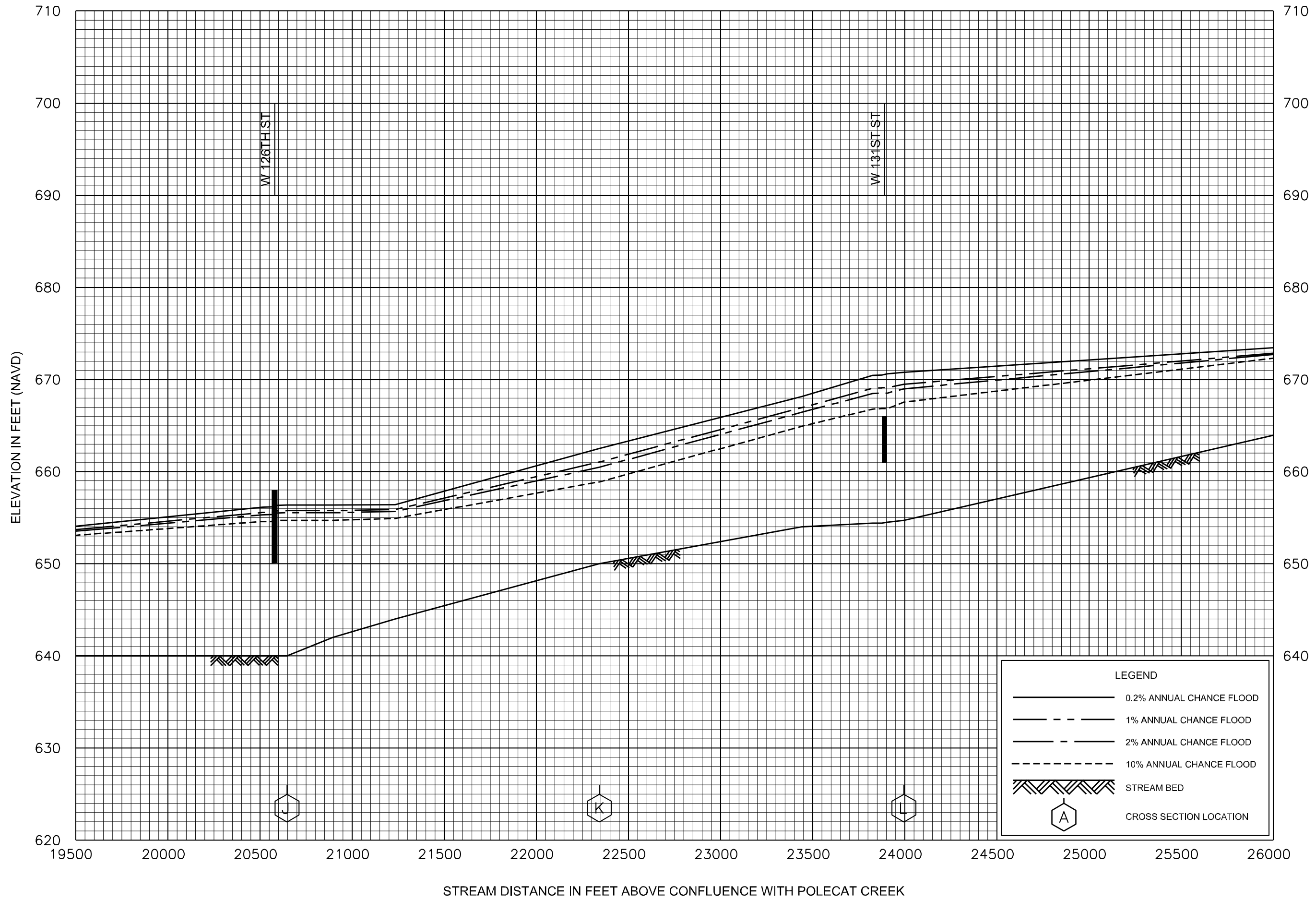


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

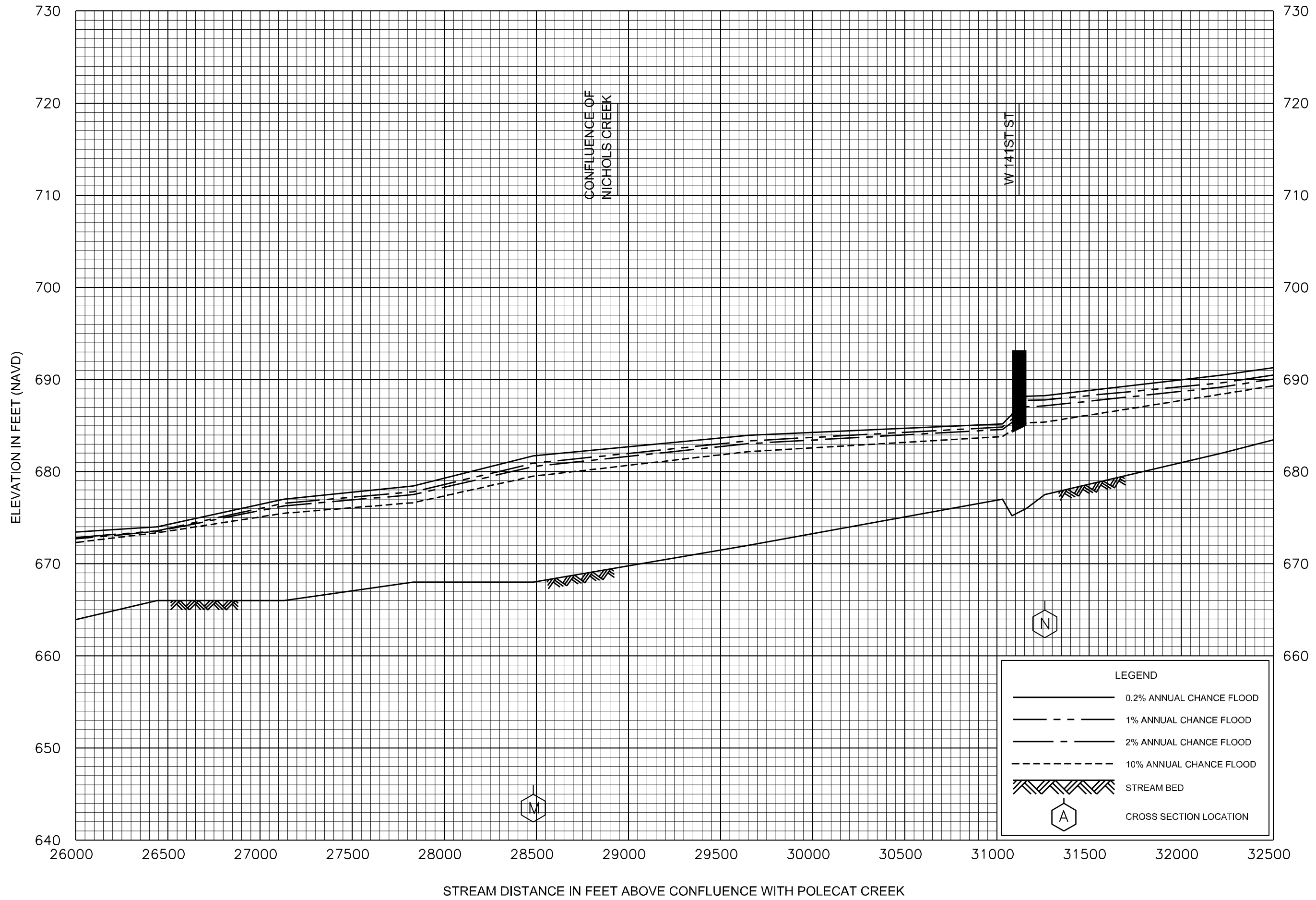


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

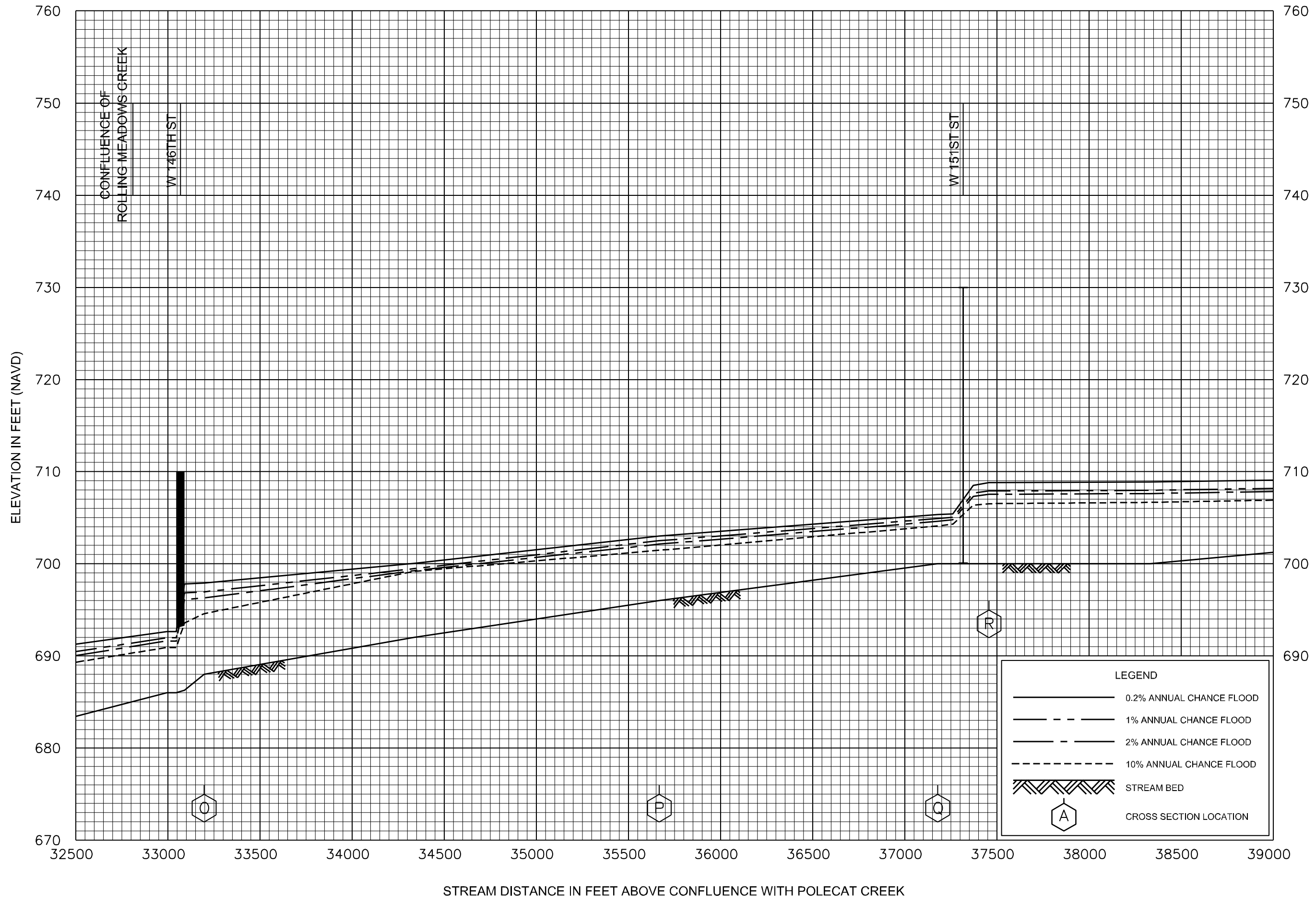


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

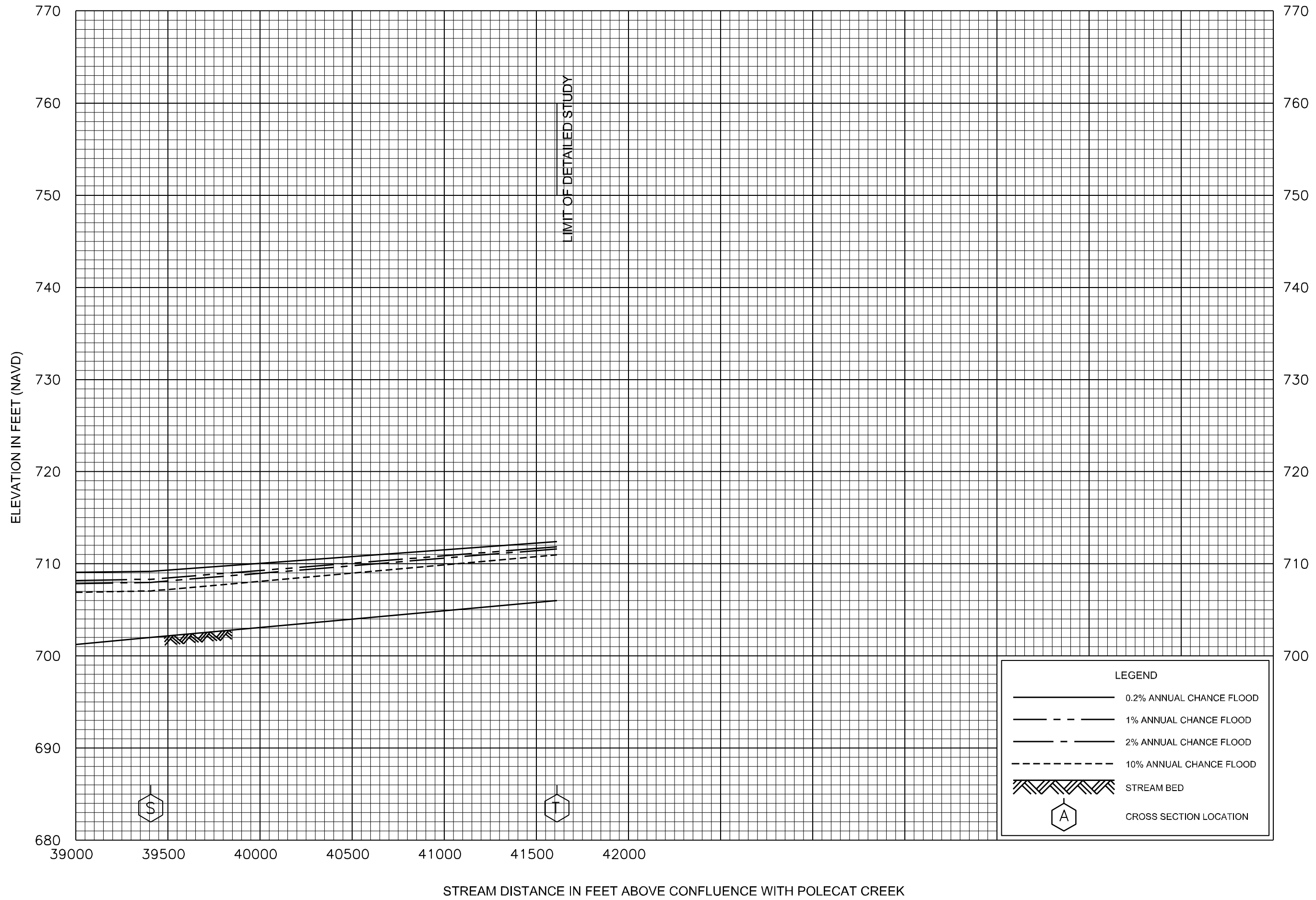


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

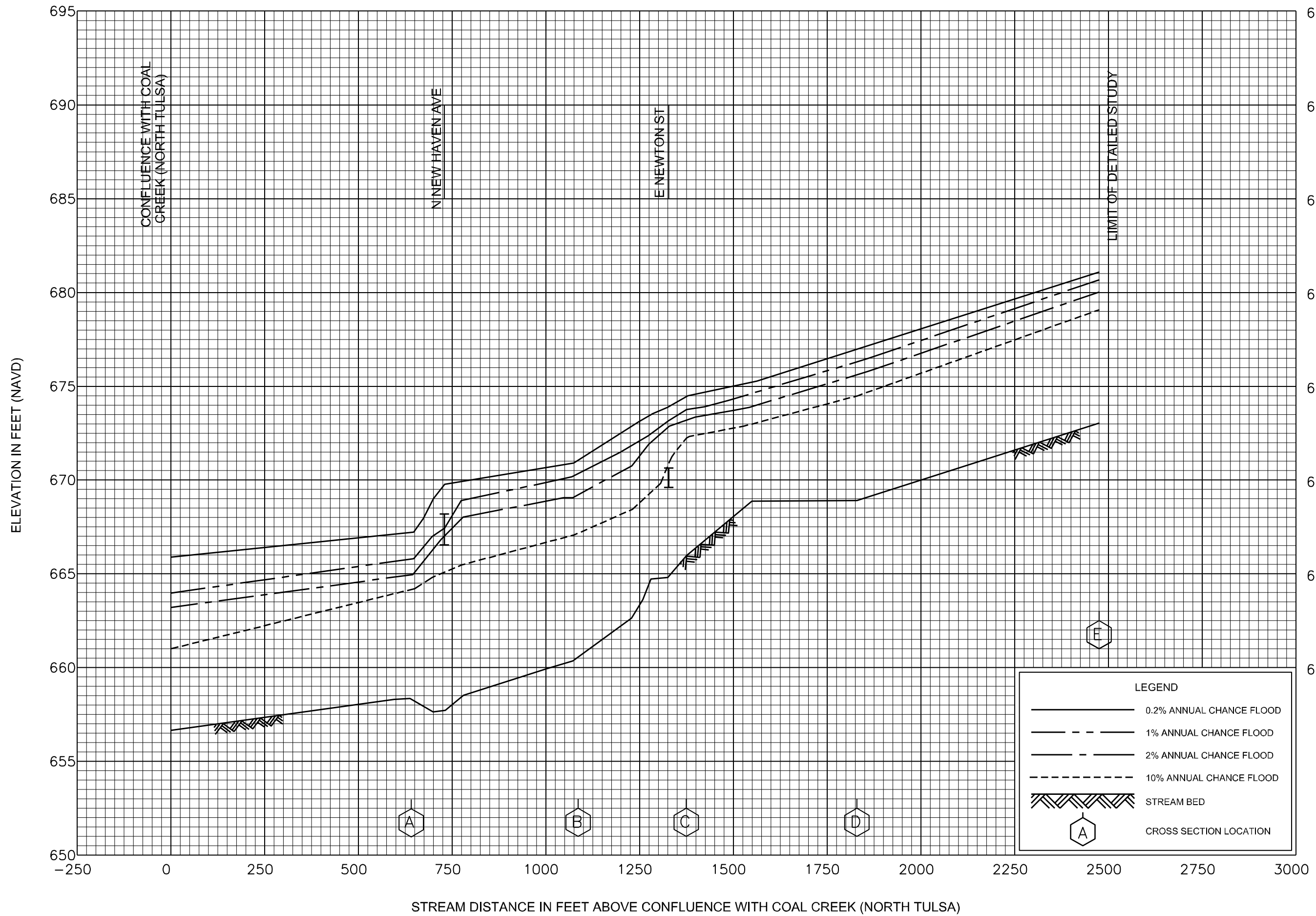


FLOOD PROFILES

COAL CREEK (WEST TULSA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



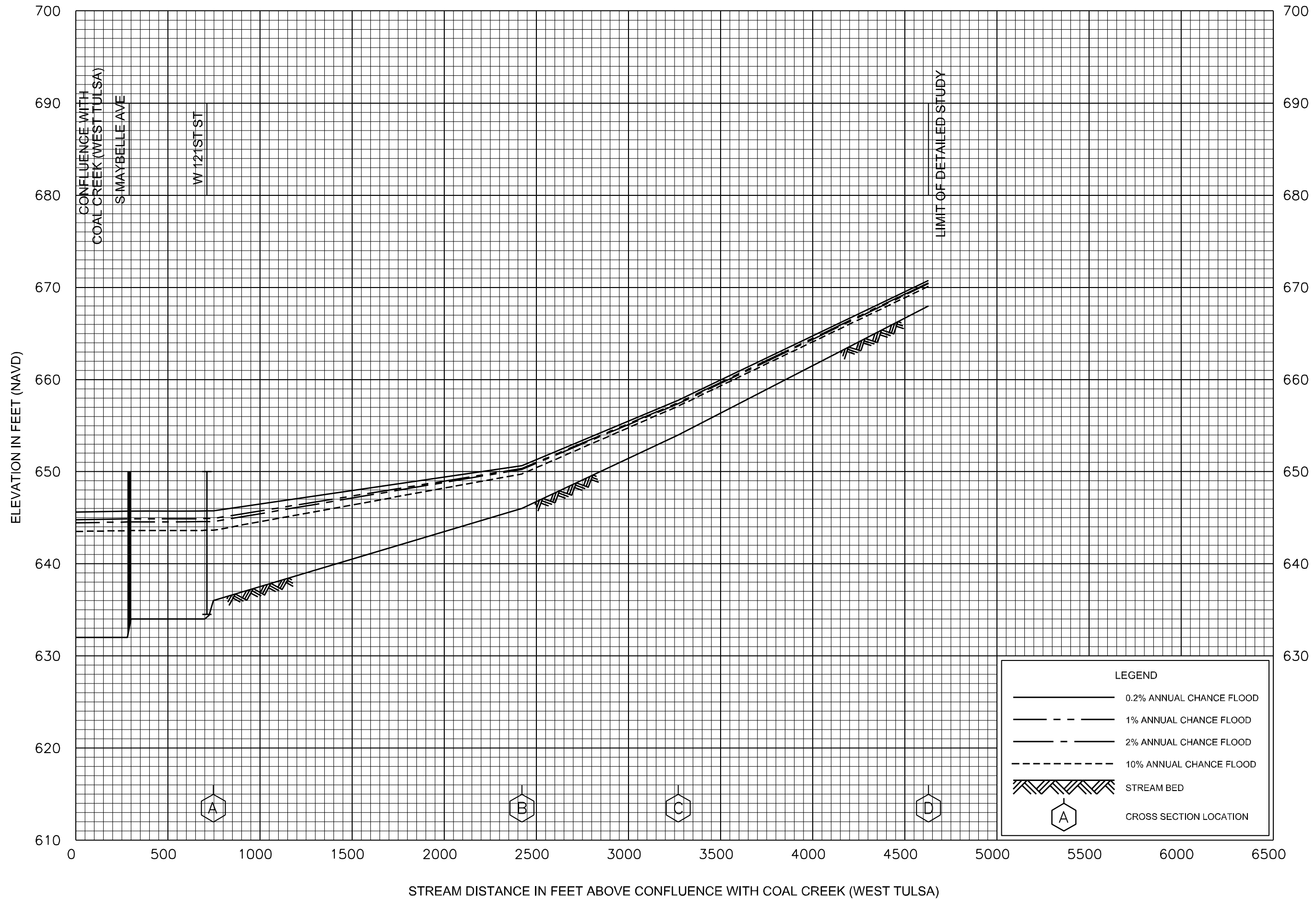
FLOOD PROFILES

COAL CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

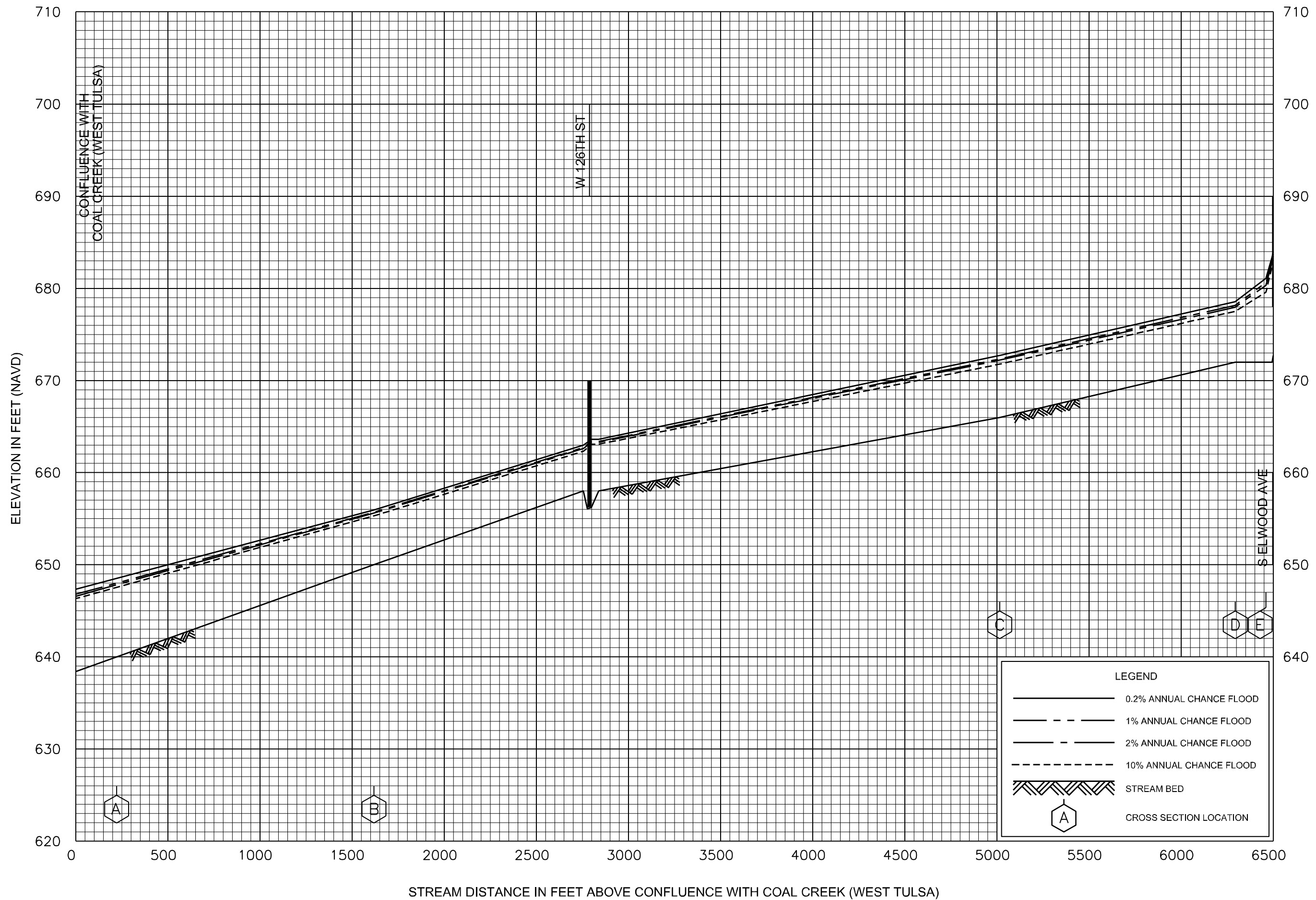
TULSA COUNTY, OK  
AND INCORPORATED AREAS





FLOOD PROFILES  
 COAL CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 TULSA COUNTY, OK  
 AND INCORPORATED AREAS

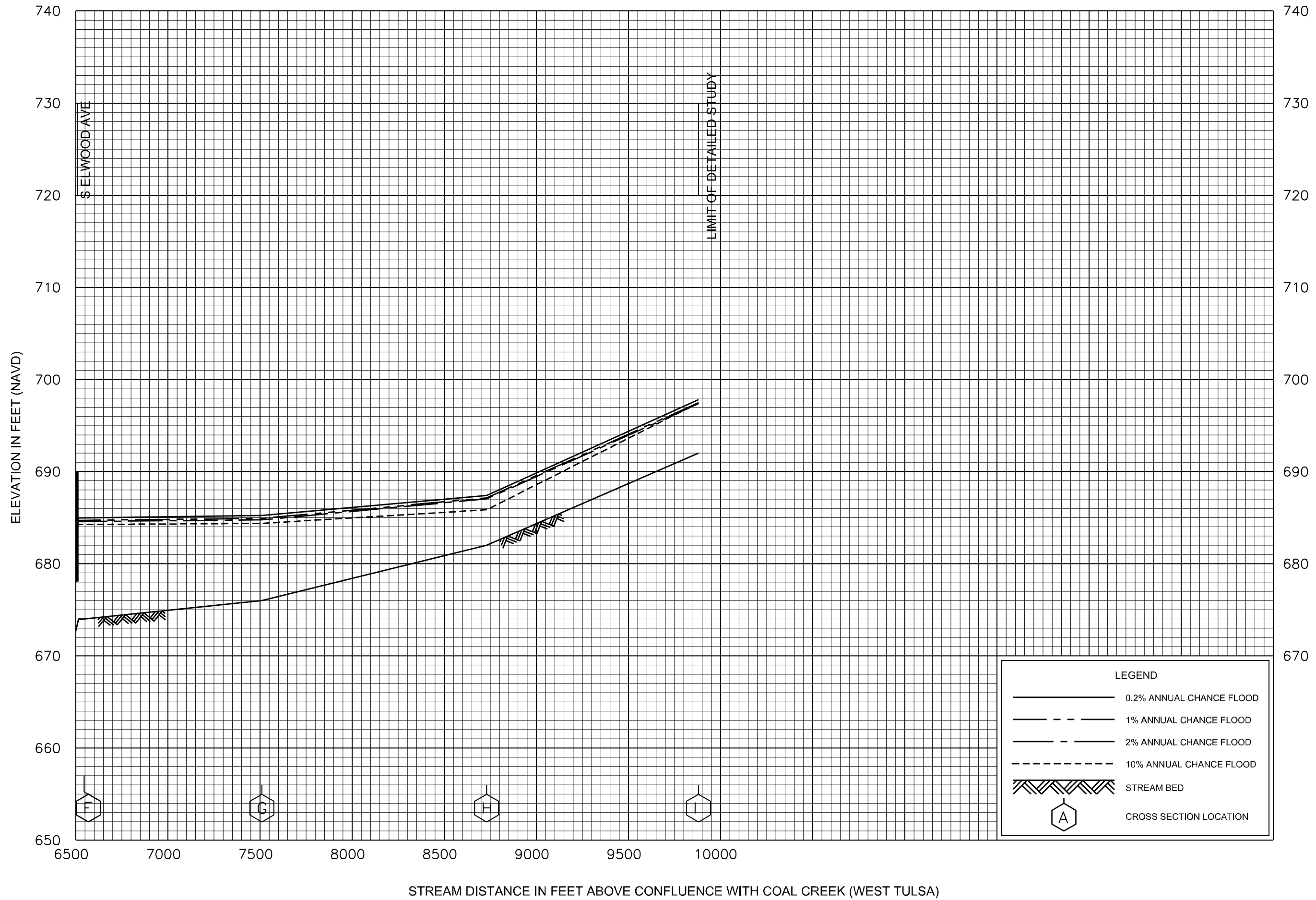


FLOOD PROFILES

COAL CREEK TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

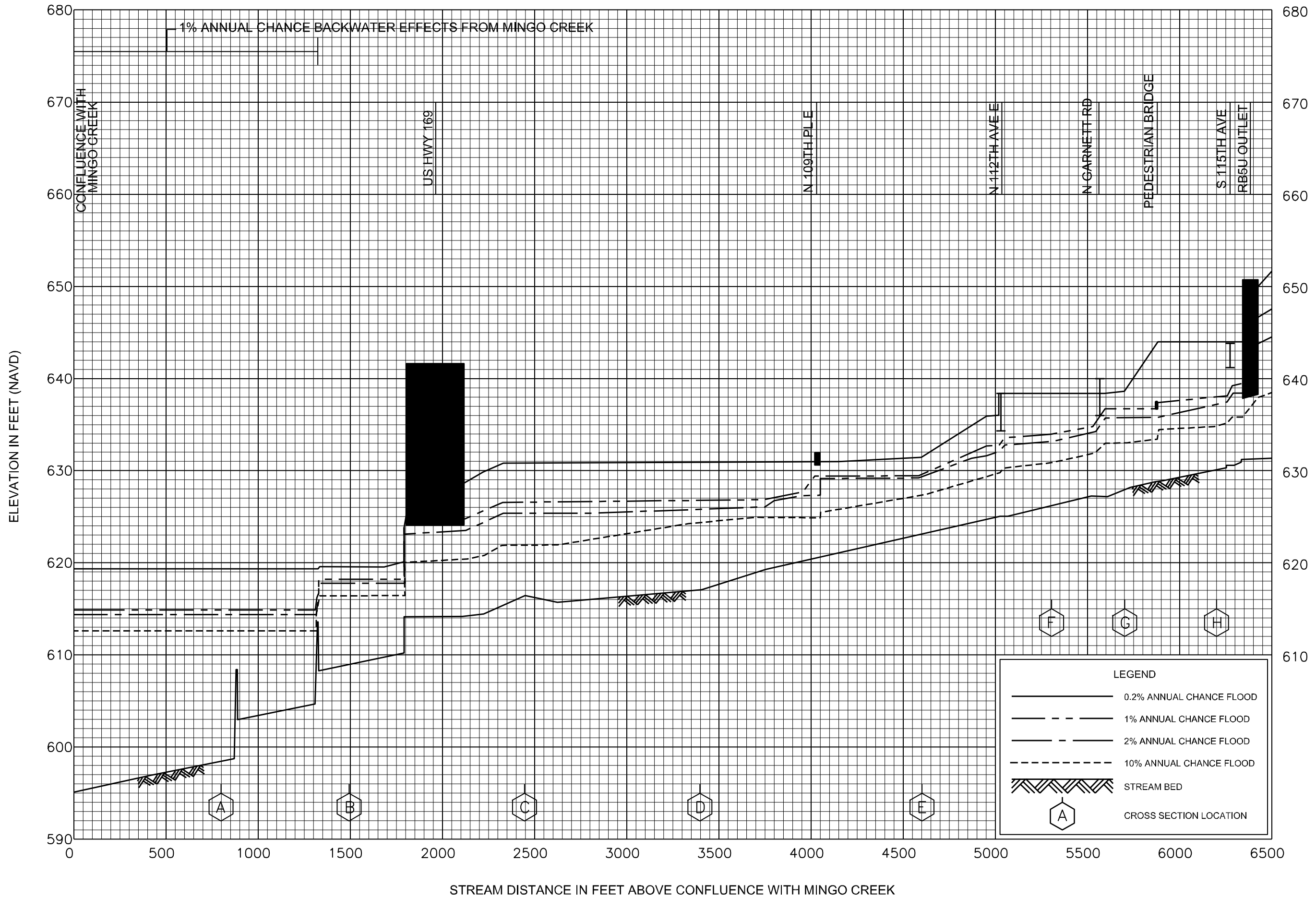


FLOOD PROFILES

COAL CREEK TRIBUTARY B

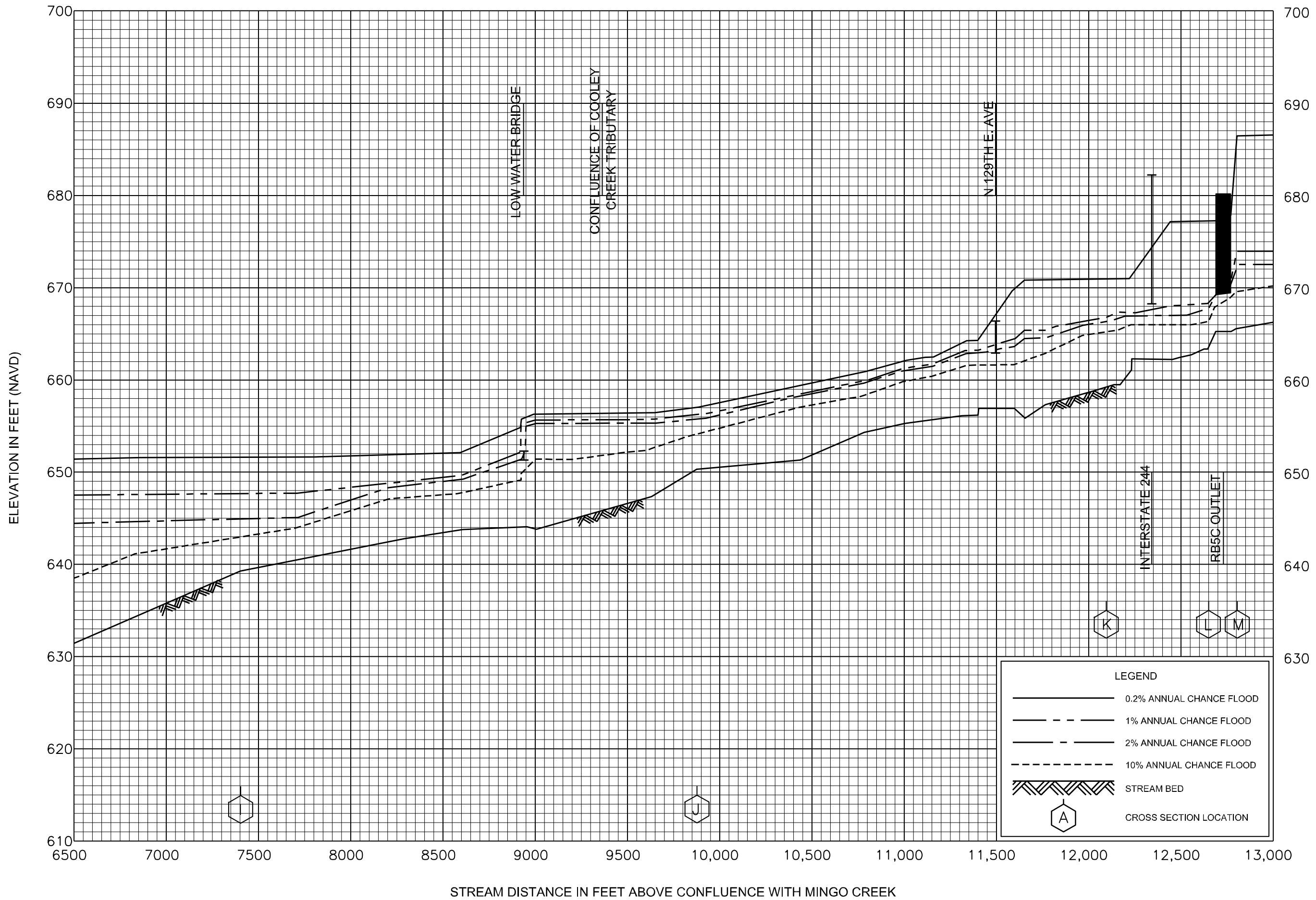
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



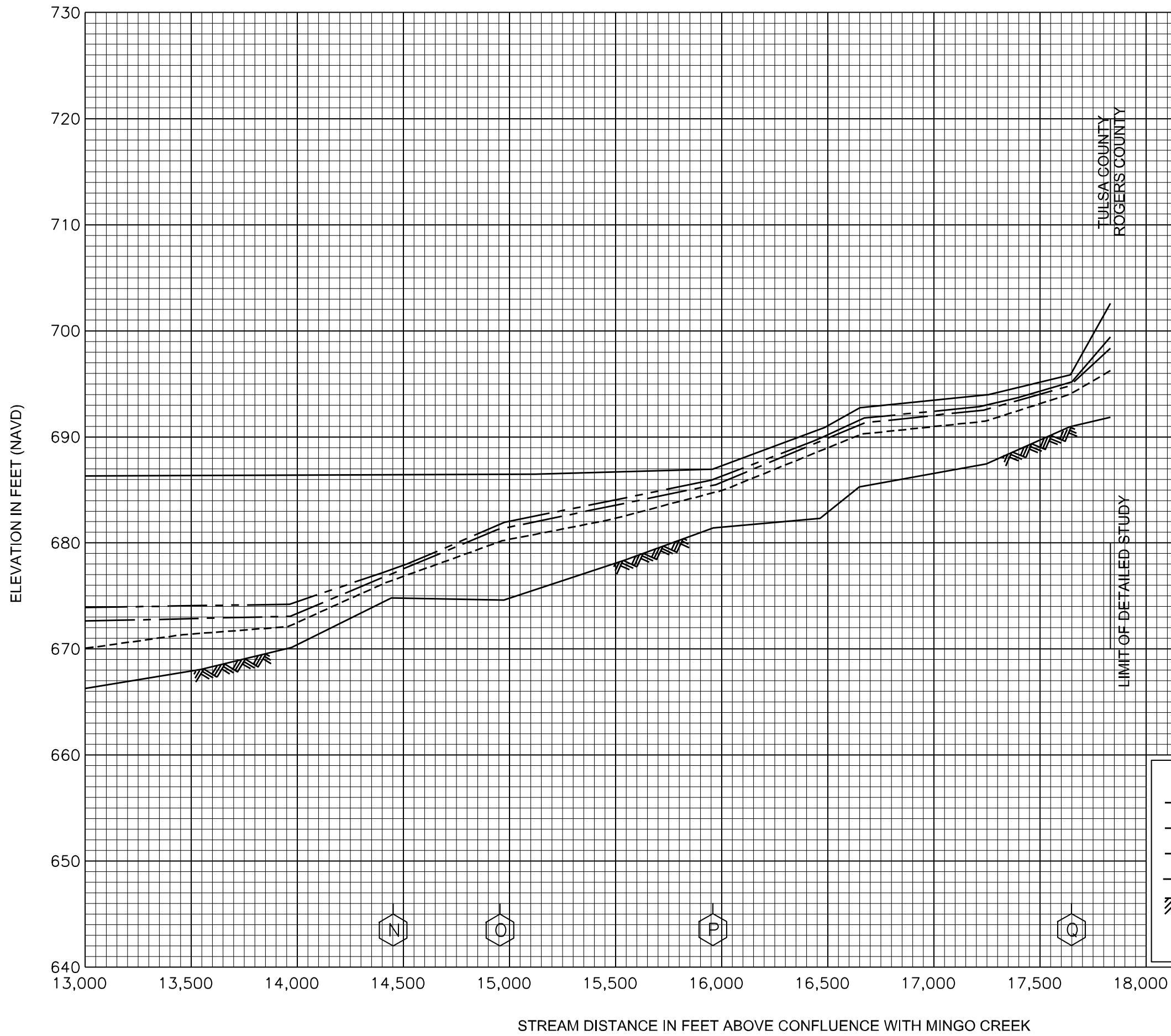
FLOOD PROFILES  
COOLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



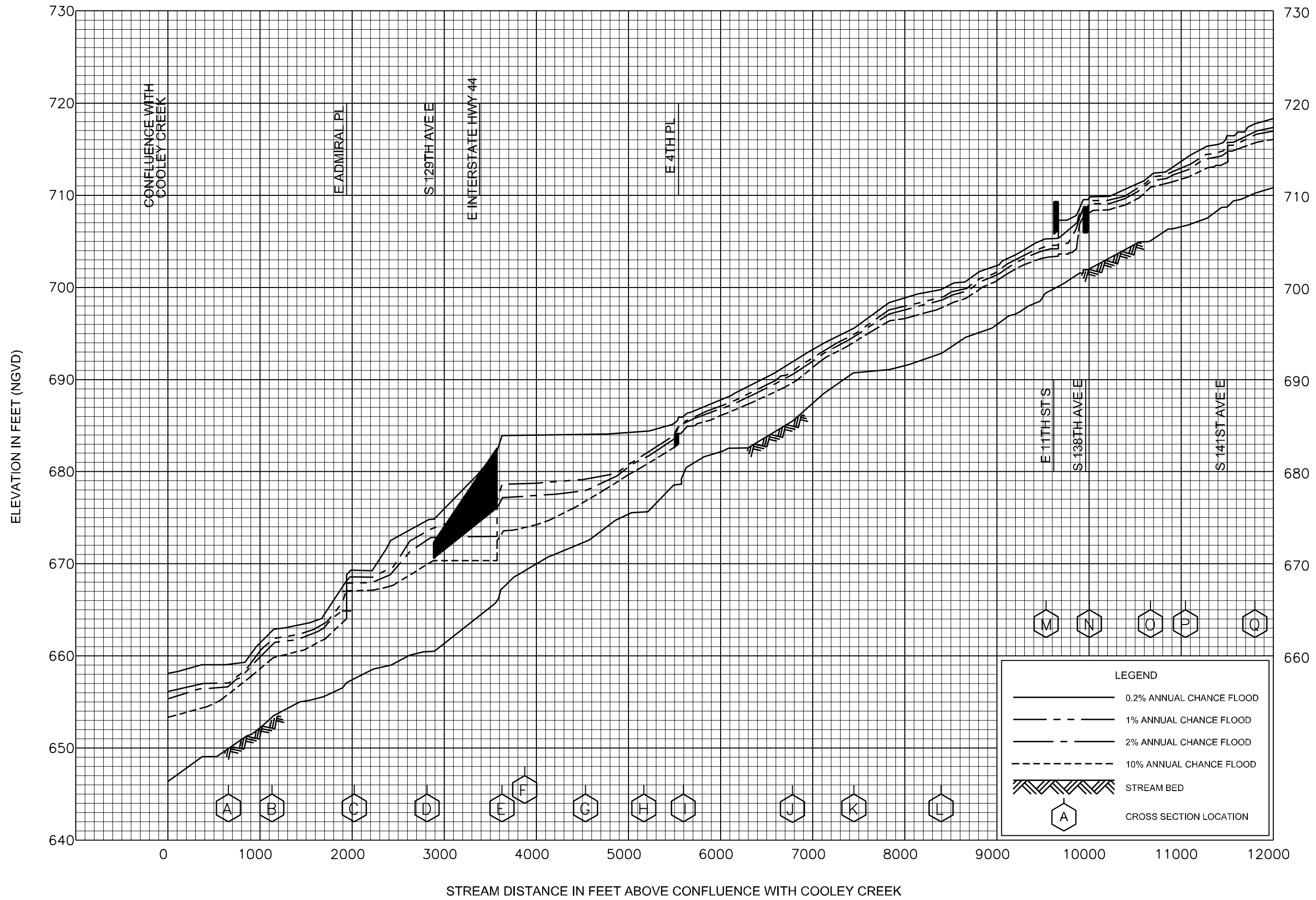
FLOOD PROFILES  
COOLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
COOLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS

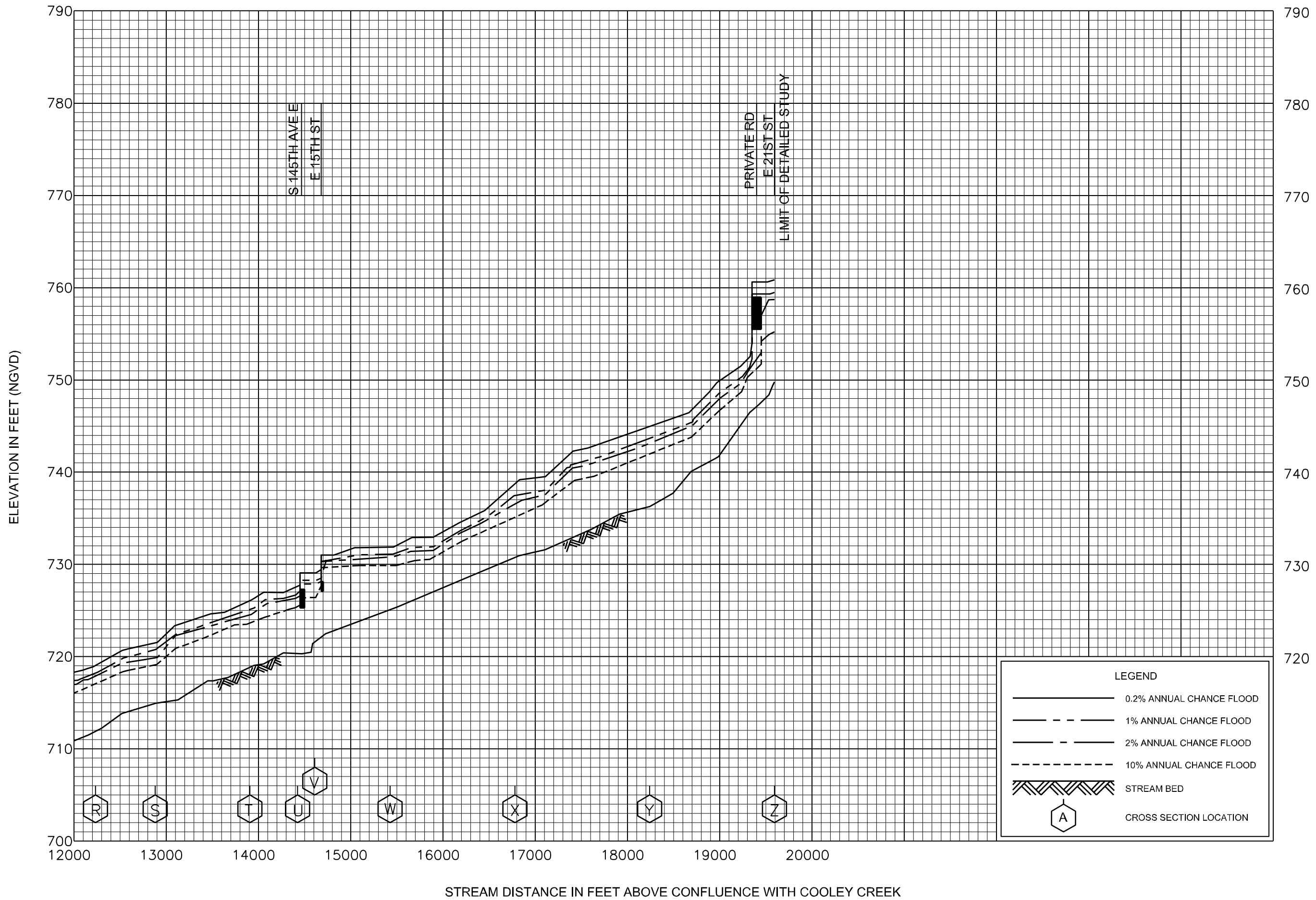


FLOOD PROFILES

COOLEY CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



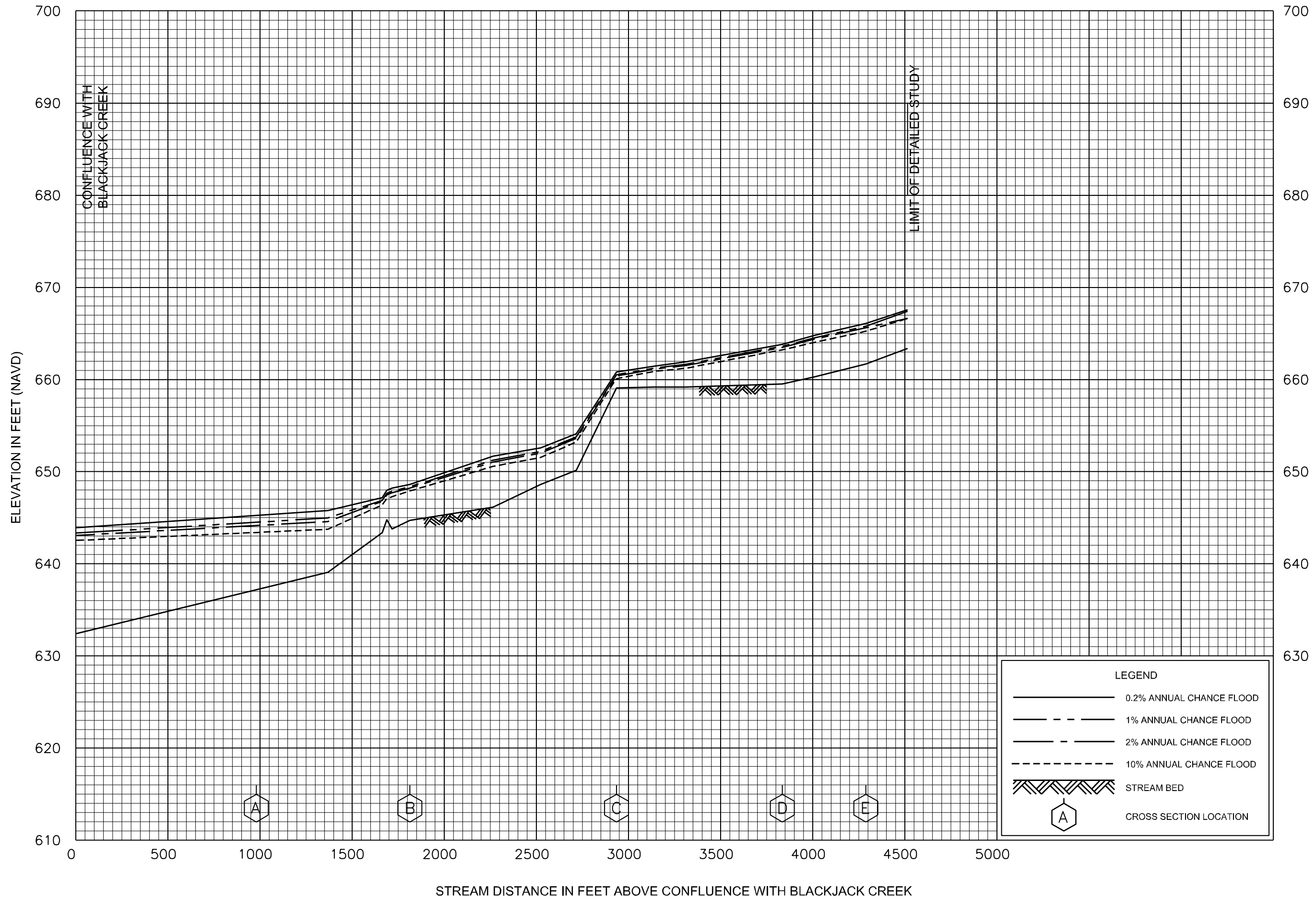
FLOOD PROFILES

COOLEY CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



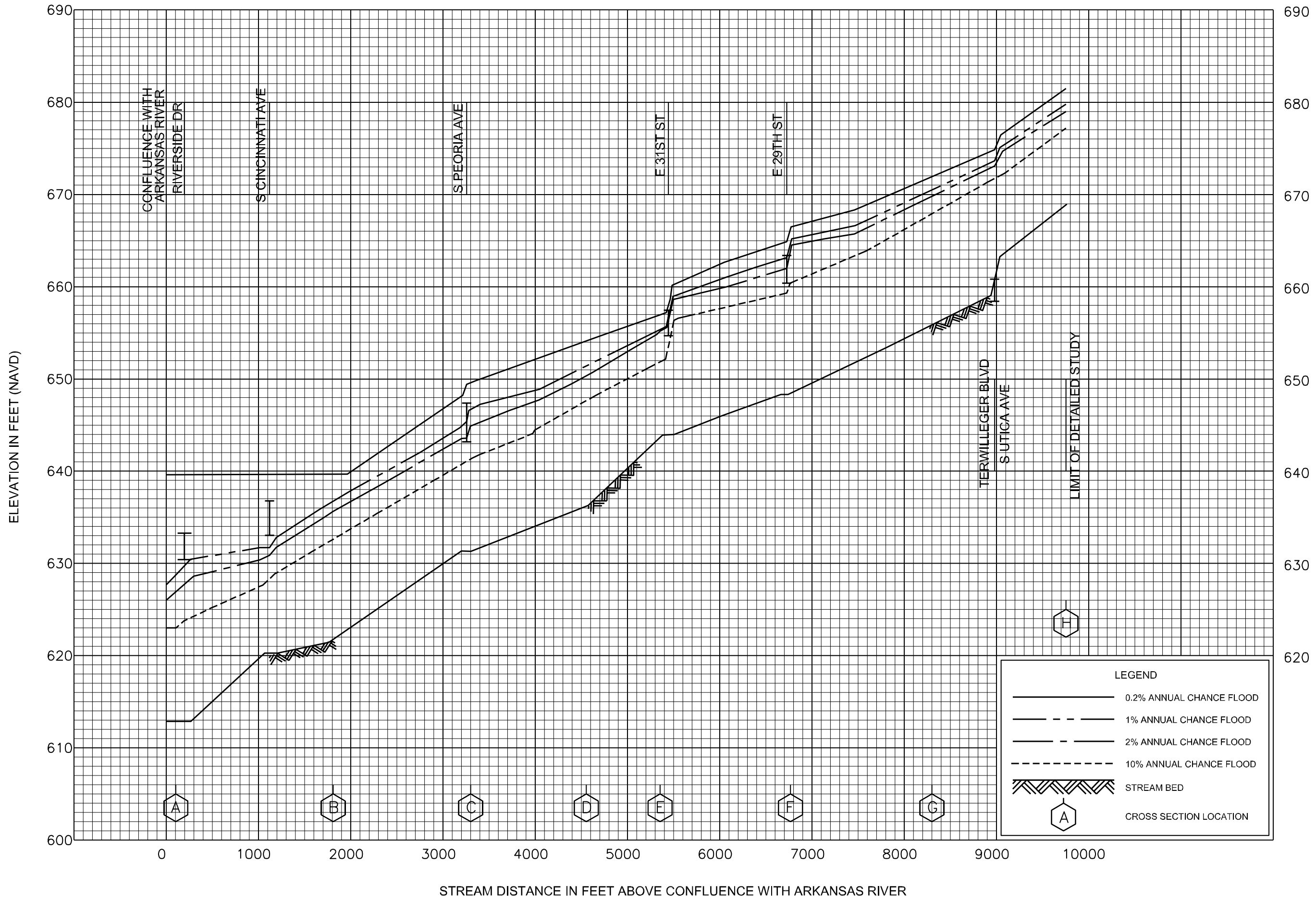


FLOOD PROFILES

COUNTRY ESTATES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

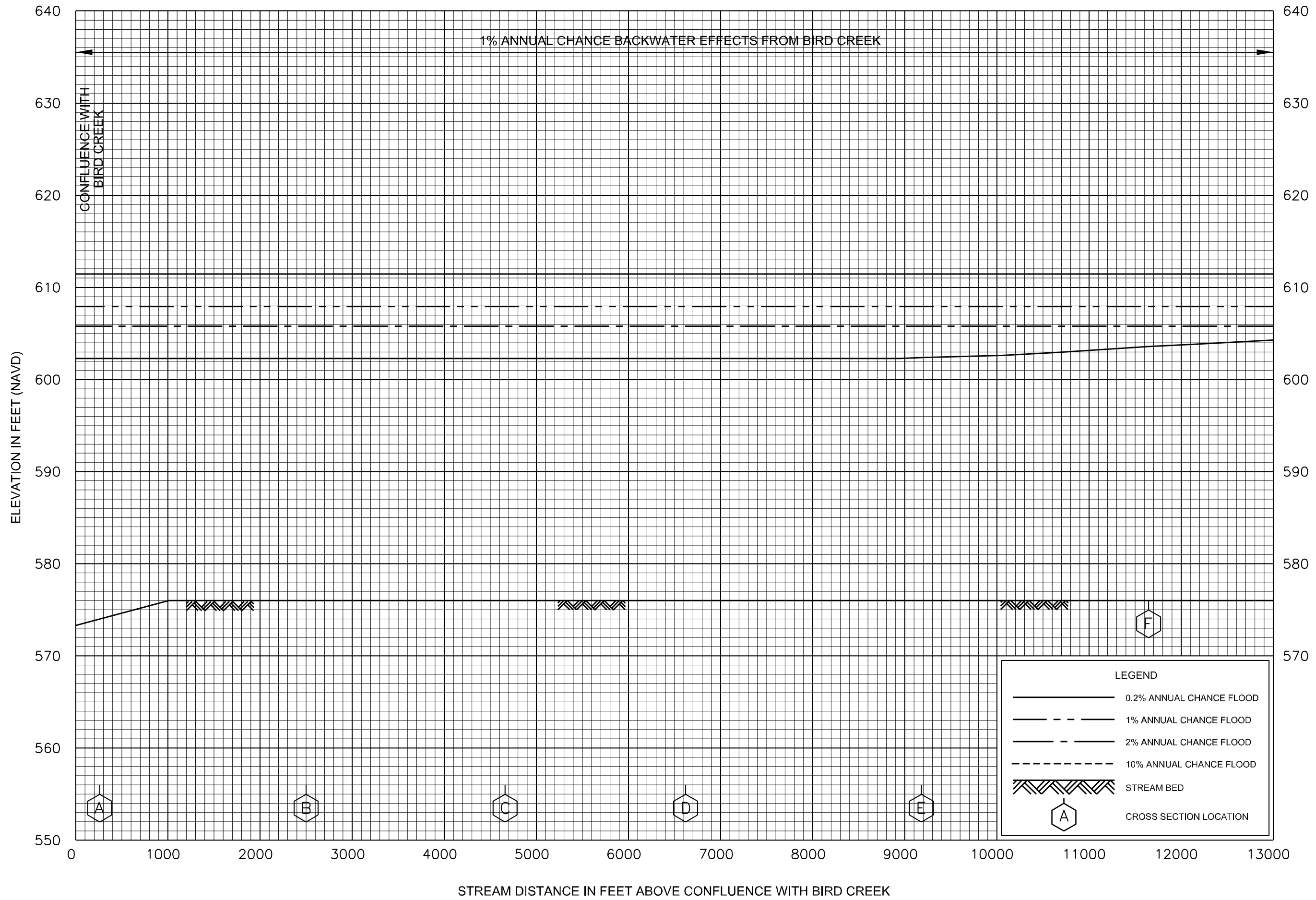


FLOOD PROFILES

CROW CREEK

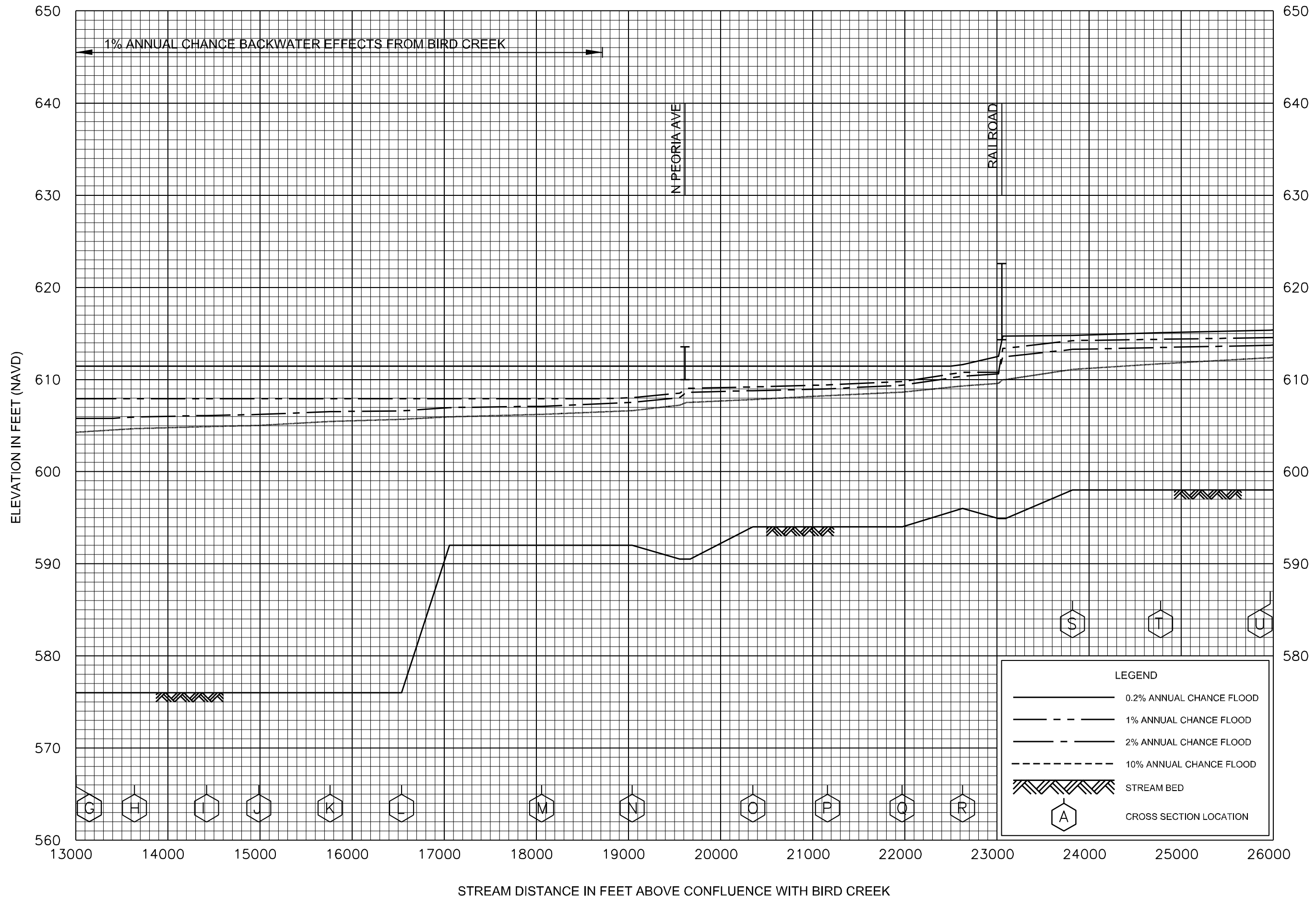
FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



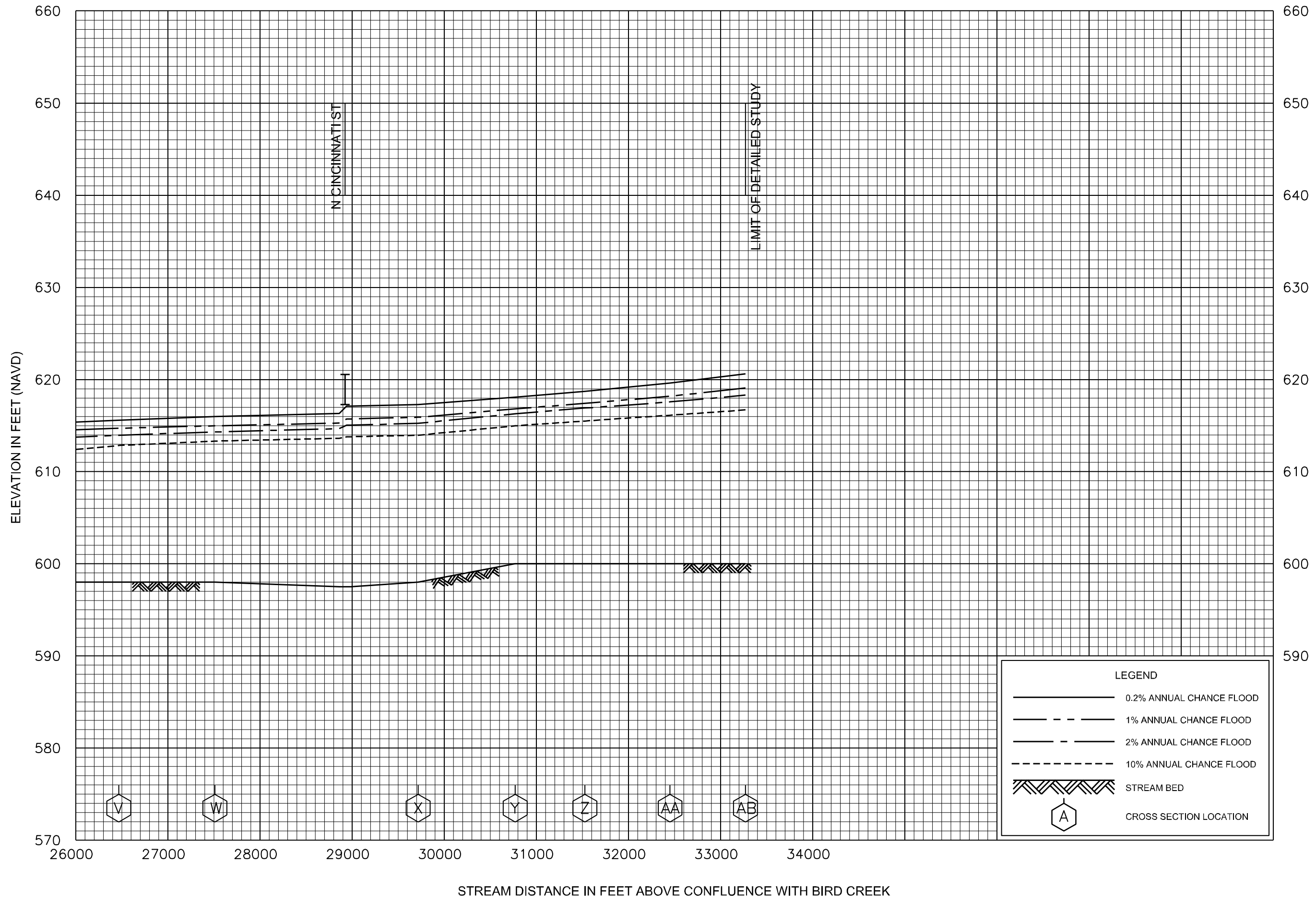
FLOOD PROFILES  
DELAWARE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



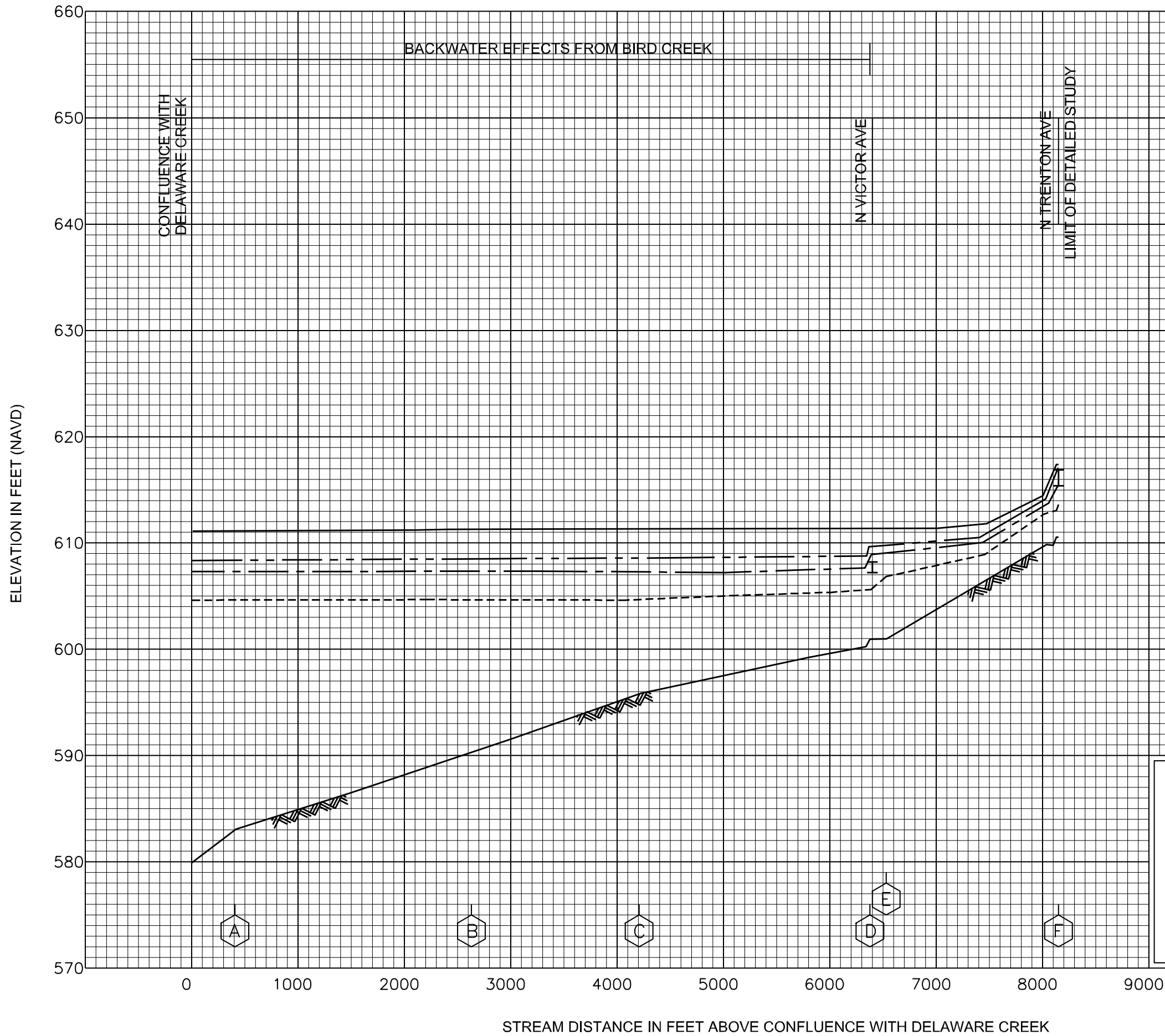
FLOOD PROFILES  
DELAWARE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES  
DELAWARE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



**LEGEND**

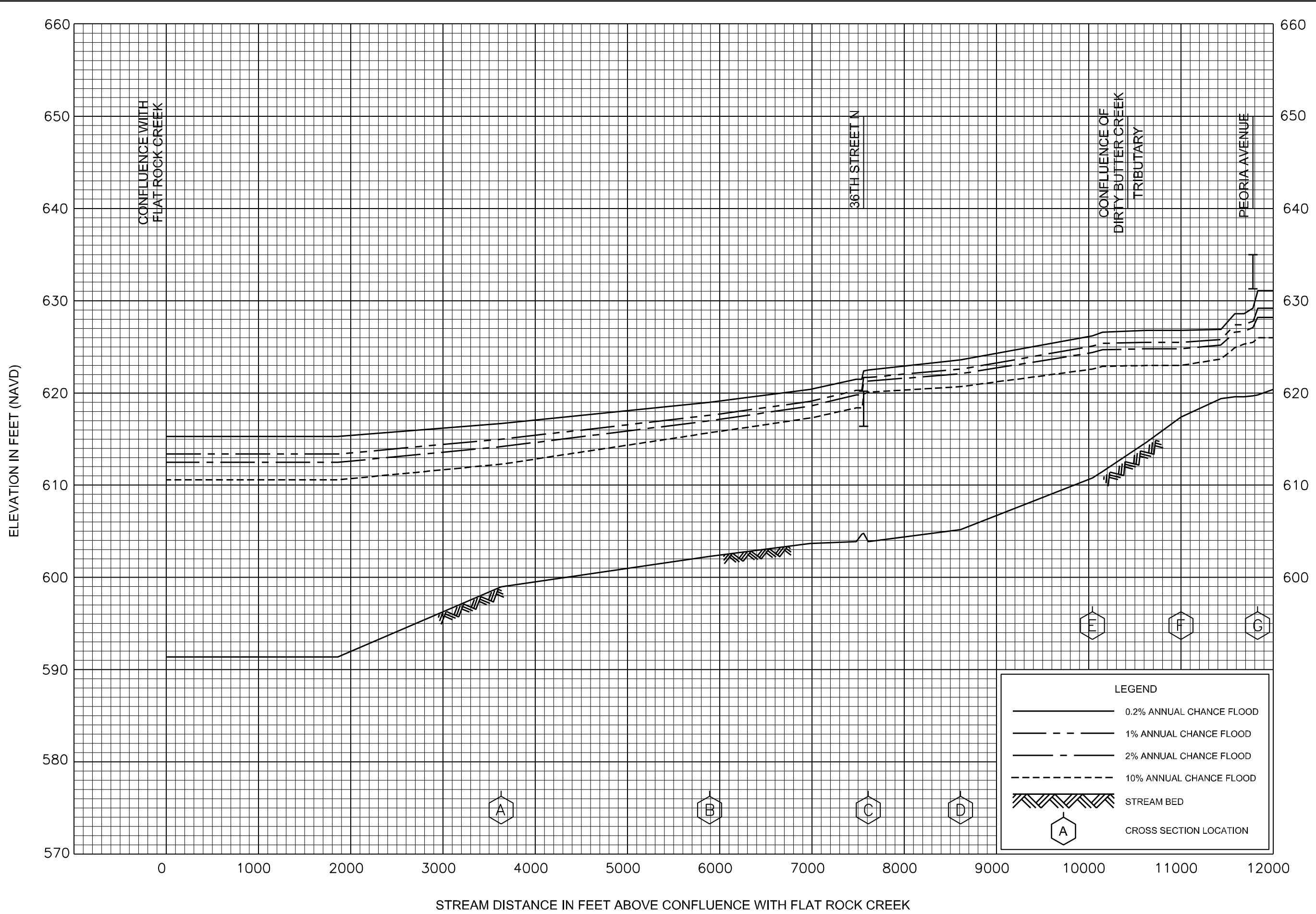
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

DELAWARE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



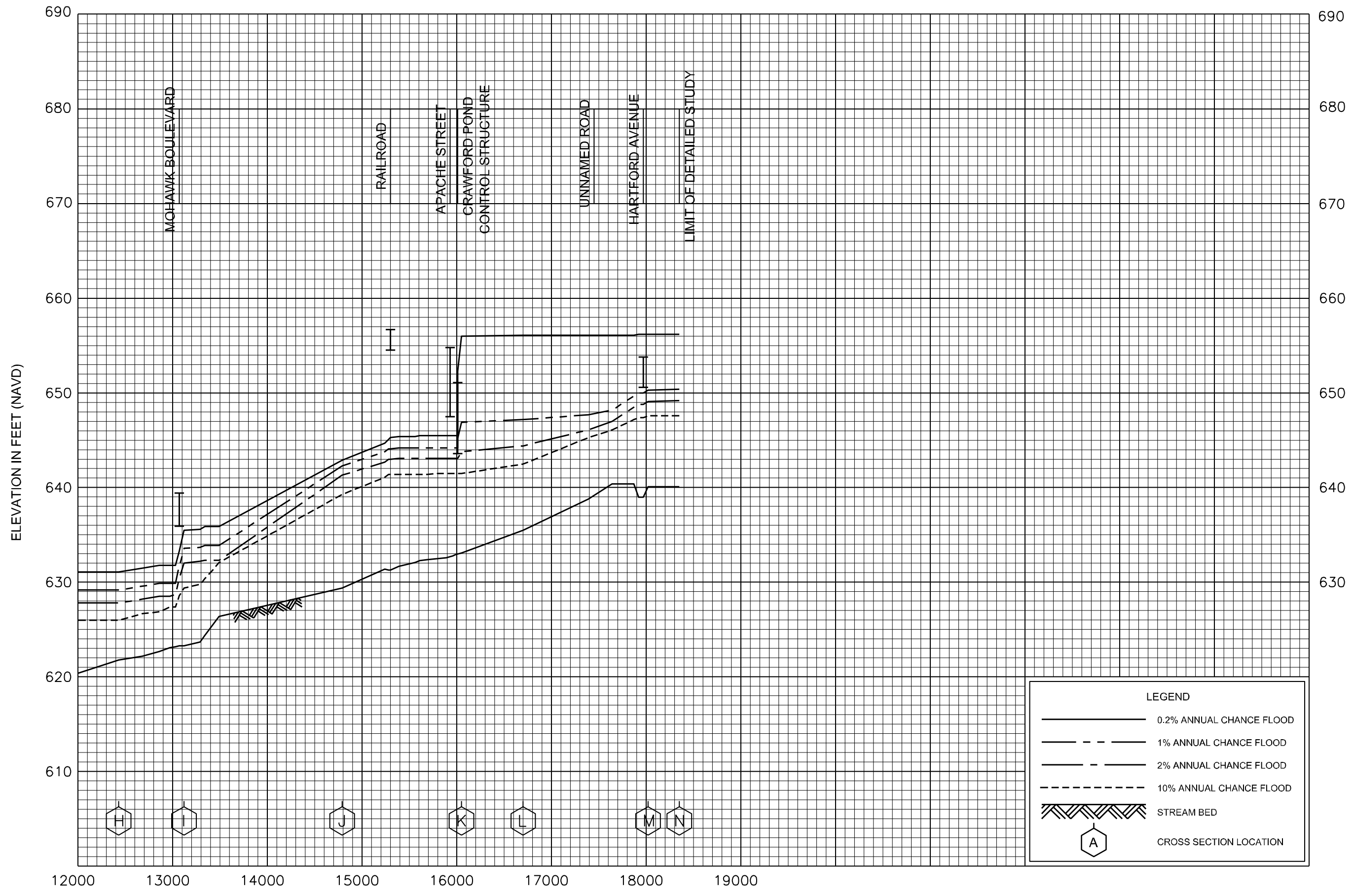
FLOOD PROFILES

DIRTY BUTTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

95P

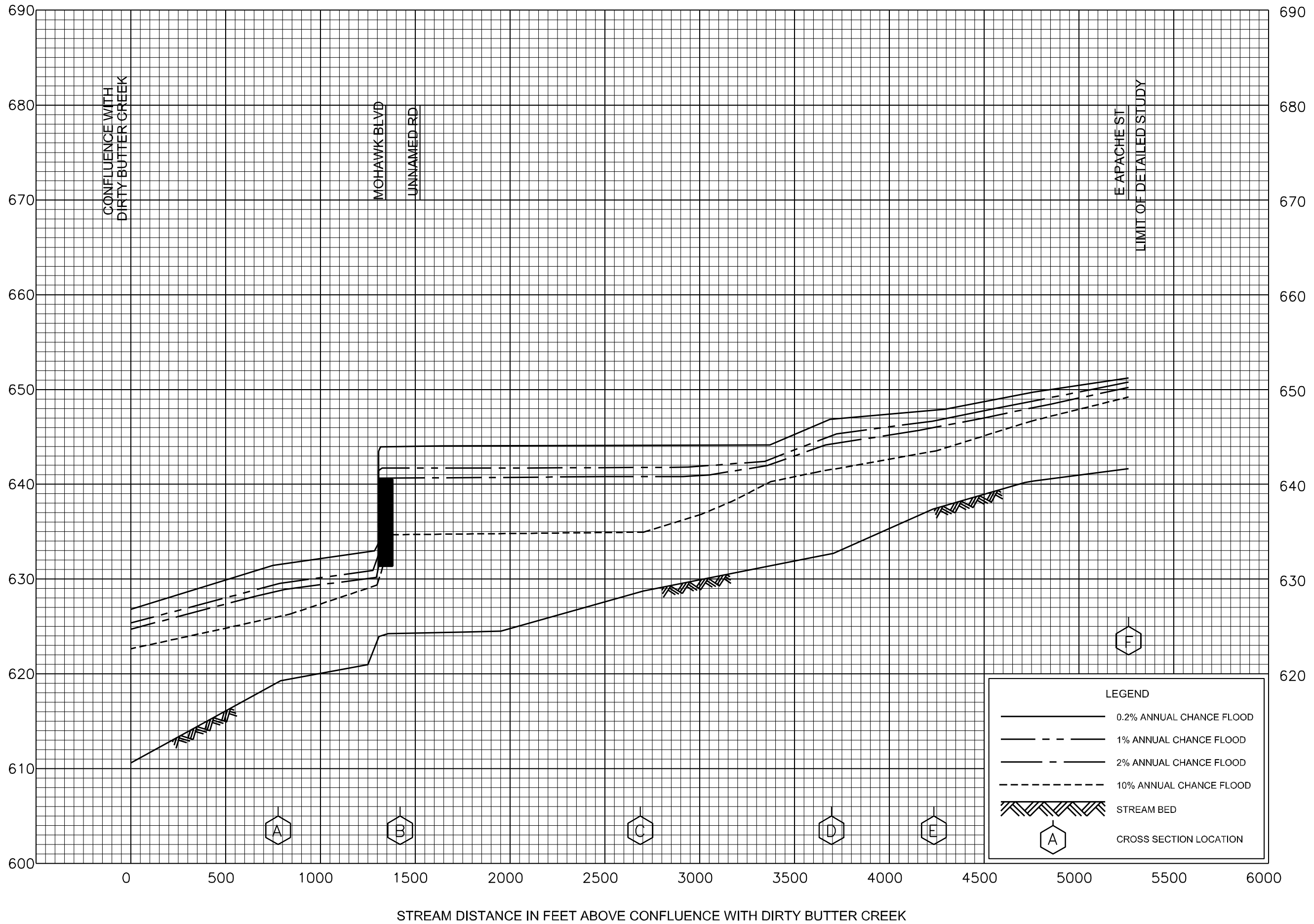


FLOOD PROFILES  
DIRTY BUTTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
TULSA COUNTY, OK  
AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD)

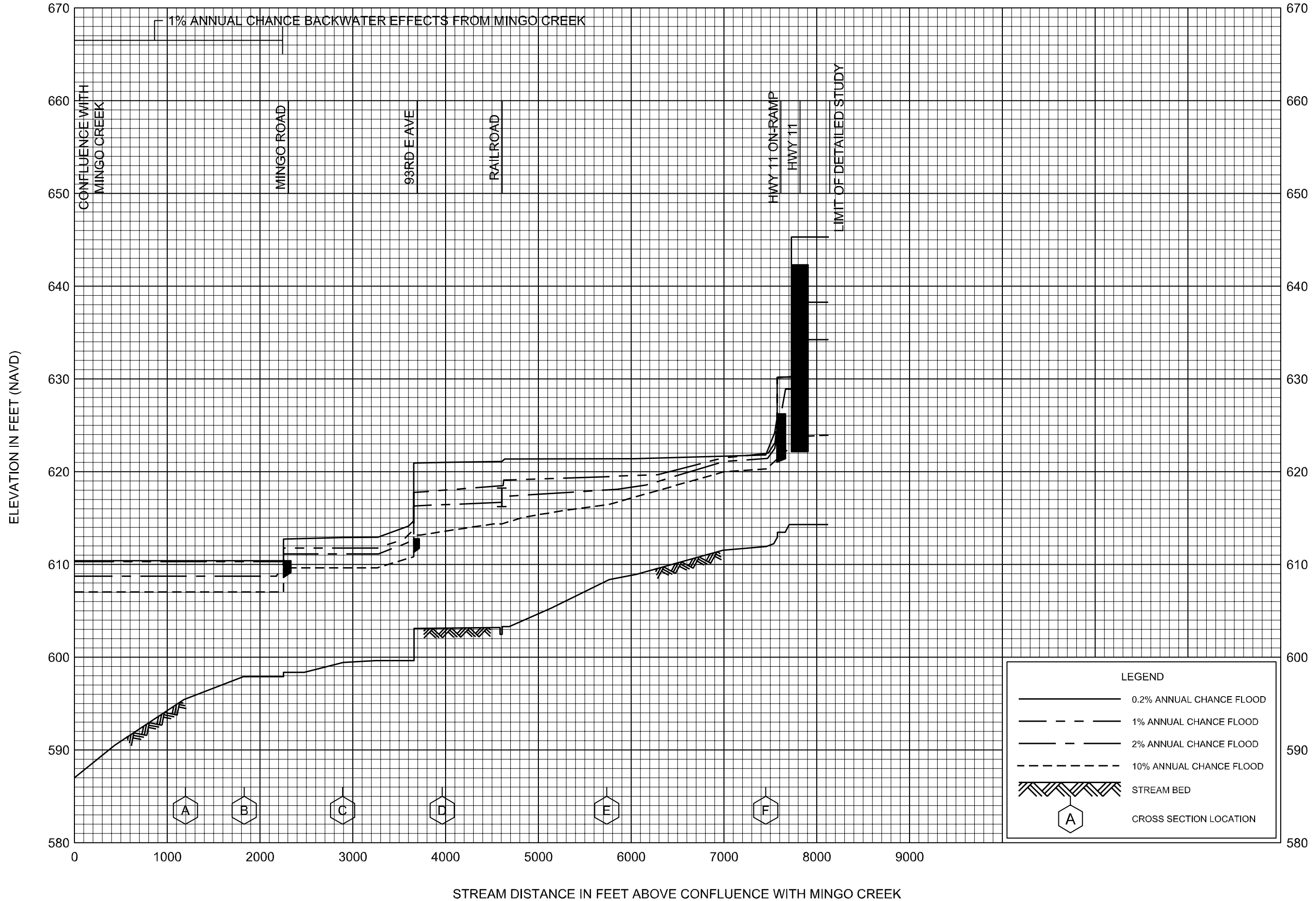


FLOOD PROFILES

DIRTY BUTTER CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

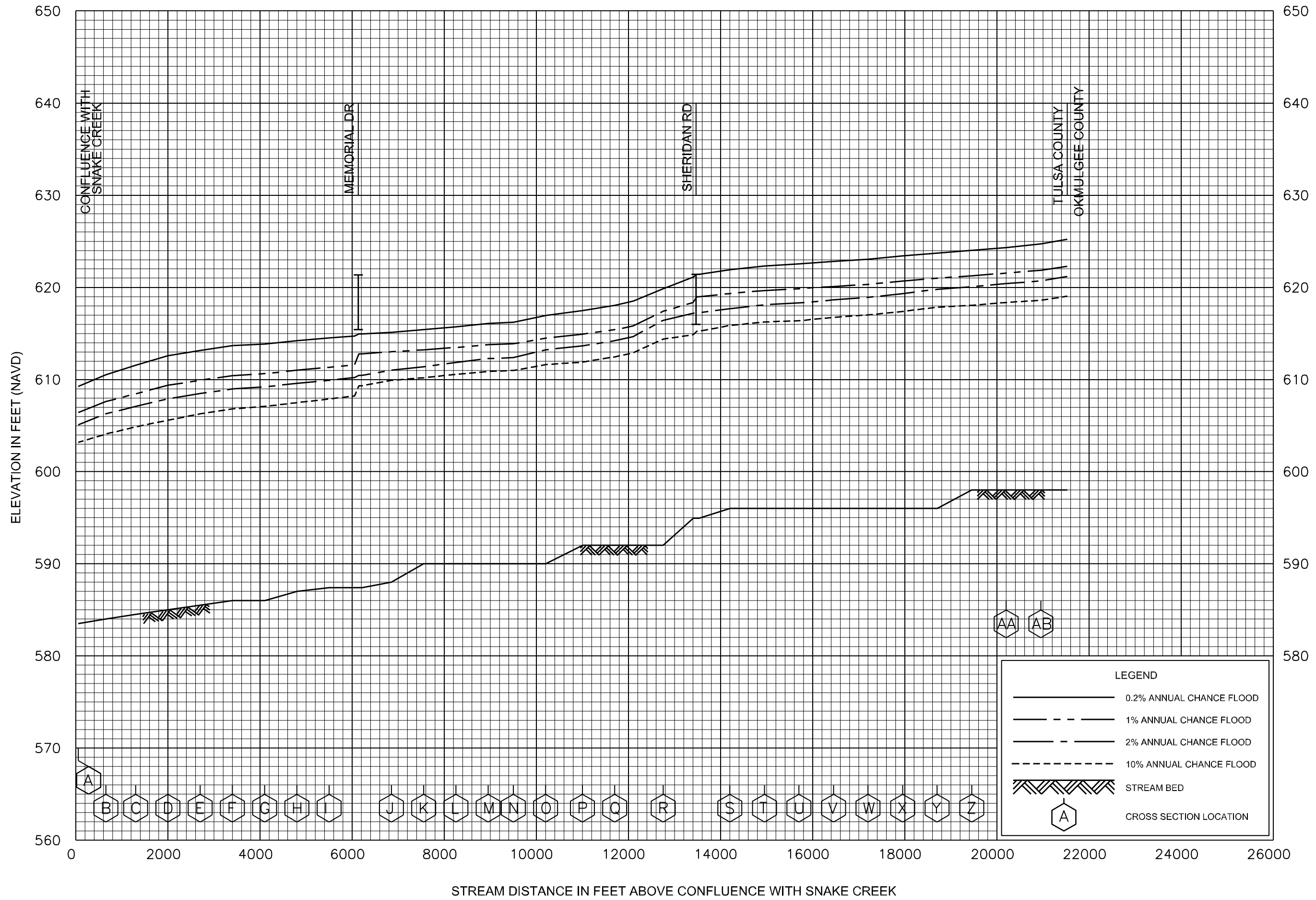


FLOOD PROFILES

DOUGLAS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

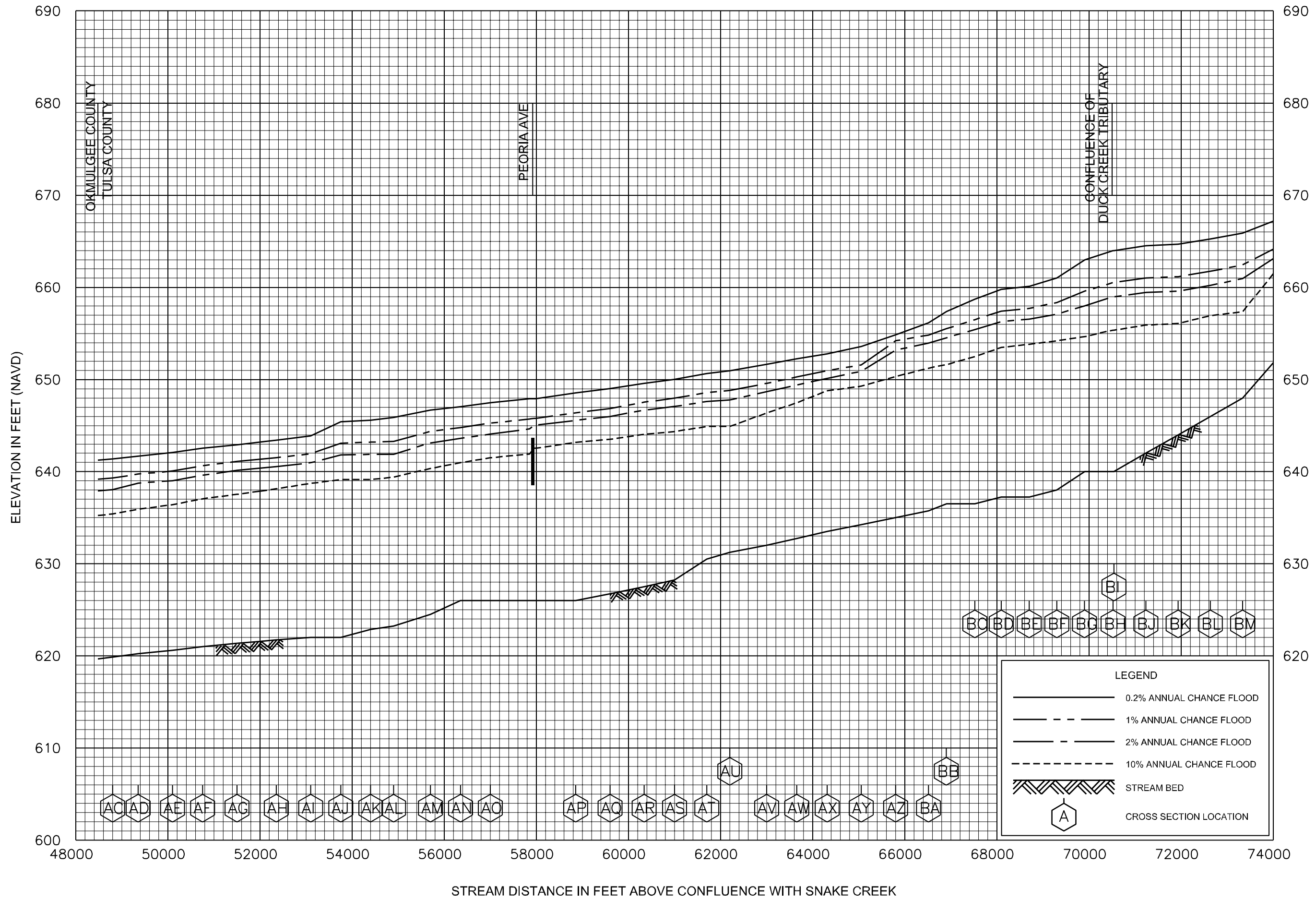


FLOOD PROFILES

DUCK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



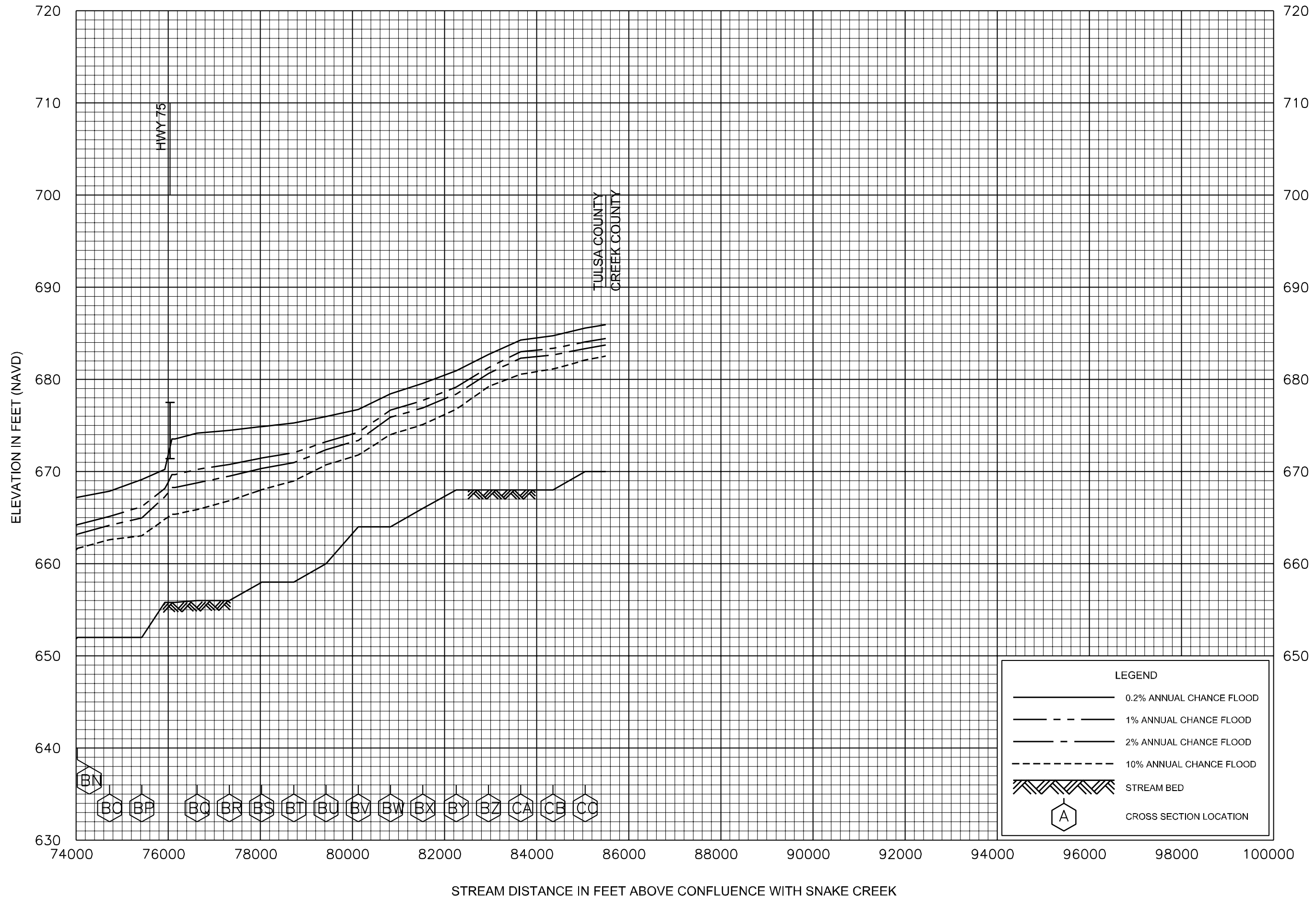
FLOOD PROFILES

DUCK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS

100P

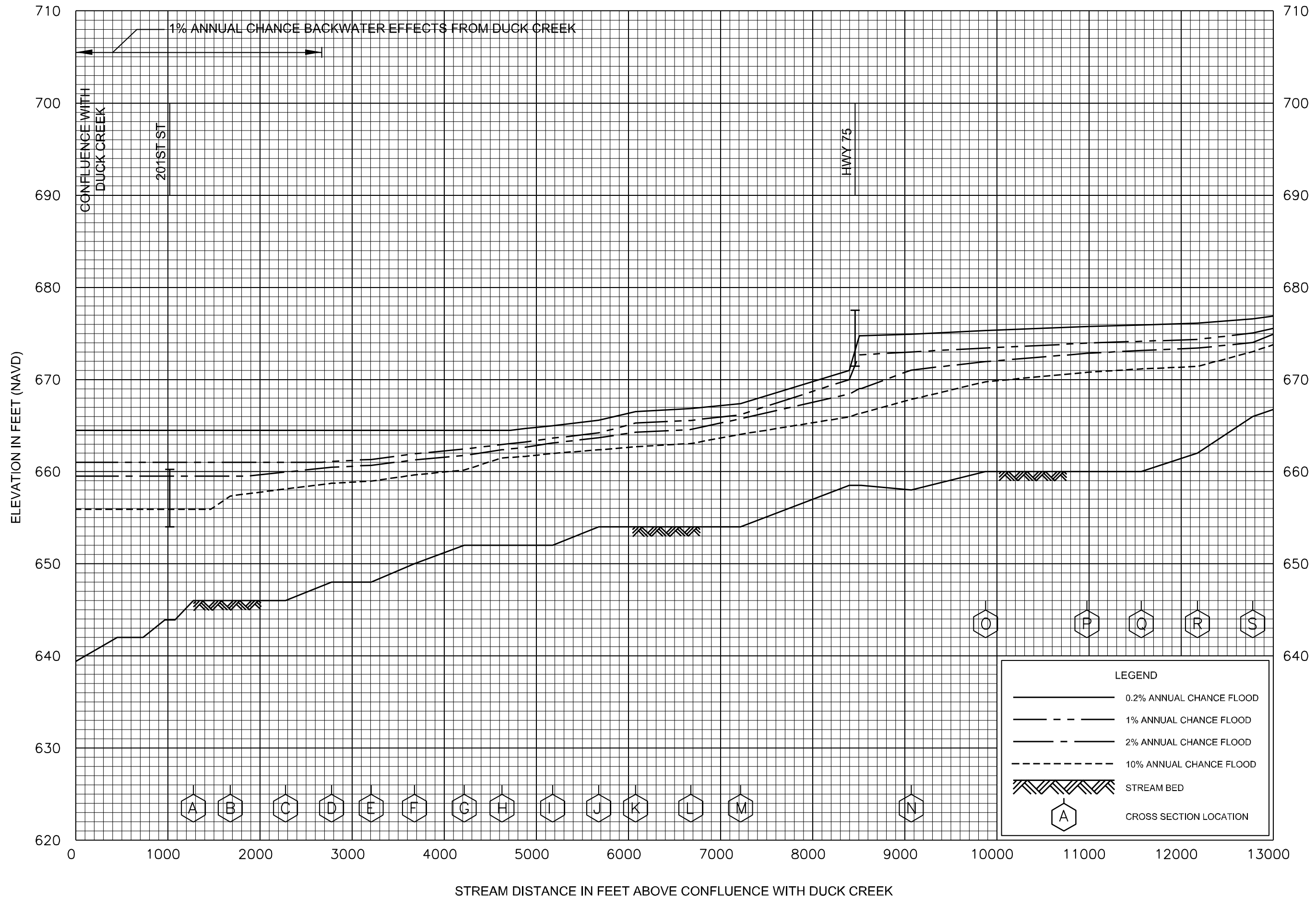


FLOOD PROFILES

DUCK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
AND INCORPORATED AREAS



FLOOD PROFILES

DUCK CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK  
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