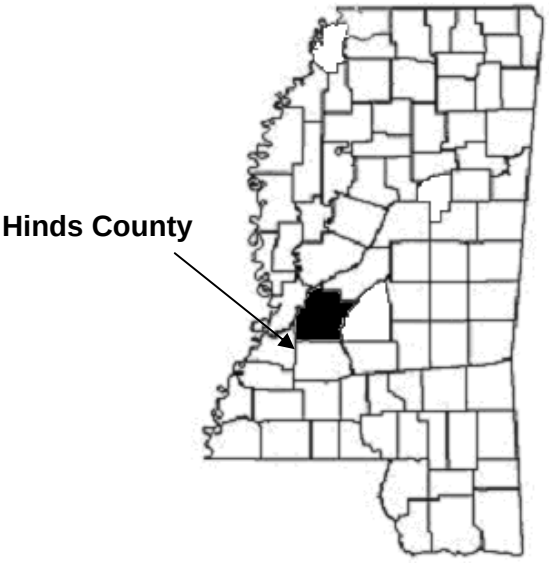
FLOOD INSURANCE STUDY

HINDS COUNTY, MISSISSIPPI
AND INCORPORATED AREAS

VOLUME 1 OF 5



COMMUNITY NAME	COMMUNITY NUMBER
BOLTON, TOWN OF	280216
CLINTON, CITY OF	280071
HINDS COUNTY (UNINCORPORATED AREAS)	280070
JACKSON, CITY OF	280072
RAYMOND, TOWN OF	280320
TERRY, TOWN OF	280073

EFFECTIVE:

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
28049CV001A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

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

Initial Countywide FIS Effective Date:

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FLOOD INSURANCE STUDY
HINDS COUNTY, MISSISSIPPI AND INCORPORATED AREAS

1.0 INTRODUCTION

1.1 Purpose of Study

This Flood Insurance Study (FIS) revises and supersedes the FIS reports and/or Flood Insurance Rate Maps (FIRMs) in the geographic area of Hinds County, Mississippi, including the Cities of Clinton and Jackson, the Towns of Bolton, Learned, Raymond, Terry, and Utica, and unincorporated areas of Hinds County (hereinafter referred to collectively as Hinds County).

This FIS aids in the administration of the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973. This study has developed flood risk data for various areas of the community that will be used to establish actuarial flood insurance rates. This information will also be used by Hinds County to update existing floodplain regulations as part of the Regular Phase of the National Flood Insurance Program (NFIP), and by local and regional planners to further promote sound land use and floodplain development. Minimum floodplain management requirements for participation in the NFIP are set forth in the Code of Federal Regulations at 44 CFR, 60.3.

In some States or communities, floodplain management criteria or regulations may exist that are more restrictive or comprehensive than the minimum Federal requirements. In such cases, the more restrictive criteria take precedence and the State (or other jurisdictional agency) will be able to explain them.

1.2 Authority and Acknowledgments

The sources of authority for this FIS report are the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973.

This FIS was prepared to include all jurisdictions within Hinds County in a countywide FIS. The authority and acknowledgments prior to this countywide FIS have been compiled from the previously printed FIS reports from the previously identified floodprone jurisdictions within Hinds County and are shown below.

July 2, 1979, FIS Hinds County (Unincorporated Areas)

The hydrologic and hydraulic analyses from the FIS report dated July 2, 1979, were performed by Michael Baker, Jr., Inc., for the Federal Insurance Administration, under Contract No. H-3800. The analyses, which were completed in June 1977, covered all significant flooding sources affecting the unincorporated areas of Hinds County, Mississippi.

September 3, 1992, FIS Revision

The hydrologic and hydraulic analyses for this revision were performed by Neel-Schaffer, Inc., under Contract No. EMW-88-C-2616. FEMA reviewed and accepted these data for the purpose of revision. Flooding caused by the overflow of the Pearl River, Rhodes Creek, and Straight Fence Creek between Williamson Road and Pinehaven Drive was studied in detail.

City of Jackson FIS

Initial FIS Effective Date: April 1, 1980

Revised FIS Dates: June 25, 1982
September 18, 1986
December 16, 1988
April 4, 1994
June 16, 1999

For the original, April 1, 1980, FIS, information about annual and major floods was obtained from the U.S. Geological Survey (USGS). Flood Plain Information reports for Purple Creek, Cany Creek, Lynch Creek, Pearl River, and White Oak and Hanging Moss Creeks, prepared by the U.S. Army Corps of Engineers (USACE), Mobile District, provided historical storm profiles (USACE, Mobile District, 1968-1975). The hydrologic and hydraulic analyses were performed by the USACE, Mobile District, for the Federal Insurance Administration, under Inter-Agency Agreement No. IAA-H-16-75, Project Order No. 20. This work, which was completed in February 1977, covered all significant flooding sources affecting the City of Jackson.

For the September 18, 1986, revisions, the hydrologic and hydraulic analyses for the City of Jackson were obtained from the FIS for the Town of Flowood, Mississippi (FEMA, 1984).

For the December 16, 1988, revision, the hydraulic analyses for Purple Creek were performed by Michael Baker, Jr., Inc., and for Hanging Moss Creek Tributary 5-3 by Deas, Eldridge, and Associates.

For the April 4, 1994, revision, the hydrologic and hydraulic analyses were performed by Neel-Schaffer, Inc., for FEMA, under Contract No. EMW-90-C-3100. The work was completed in July 1991.

For the June 16, 1999, revision, the hydrologic and hydraulic analyses were performed by Neel Schaffer, Inc., and by the City of Jackson. The work was completed in July 1997.

February 17, 1981 FIS City of Clinton

The hydrologic and hydraulic analyses from the FIS report dated February 17, 1981 (FEMA, 1977), were performed by Smith and Sanders, Inc., for the Federal Insurance Administration, under Contract No. H-4057. This work, which was completed in April 1979, covered all significant flooding sources affecting the City of Clinton.

June 1977, FIS Town of Bolton

The hydrologic and hydraulic analyses from the FIS report dated June 1977 (FEMA, 1977), were performed by Michael Baker, Jr., Inc. for the Federal Insurance Administration. This work, which was completed in March 1977, covered all significant flooding sources affecting the Town of Bolton.

Town of Terry FIS

Initial FIS Effective Date: April 1977

Revised FIS Date: November 4, 1992

The hydrologic and hydraulic analyses from the FIS report dated April 1977, were performed by Michael Baker, Jr., Inc. for the Federal Insurance Administration, under Contract No. H-3800. This work, which was completed in March 1977, covered all significant flooding sources affecting the Town of Terry.

The hydrologic and hydraulic analyses for the FIS revision dated November 4, 1992, were performed by Neel-Schaffer, Inc., under Contract No. EMW-88-C-2616. The revision incorporated a detailed study of Rhodes Creek.

This Countywide FIS

The hydrologic and hydraulic analyses for this countywide FIS were performed by the State of Mississippi for the Federal Emergency Management Agency, under Contract No. EMA-2005-CA-5215. This study was completed in March 2008.

The digital base map information files were provided by the U.S. Army Corps of Engineers—Vicksburg District, 4155 East Clay Street, Vicksburg, MS 39183, phone number (601) 631-5053. The digital orthophotography was acquired in January 2006, with the imagery processed to a 2-foot pixel resolution. The digital topographic data model was based on Light Detection and Ranging (LiDAR) products, provided by the State of Mississippi under contract with FEMA and collected in 2006

The digital FIRM was produced using the State Plane Coordinate System, Mississippi West, FIPSZONE 2301. The horizontal datum was the North American Datum of 1983, GRS 80 spheroid. Distance units were measured in U.S. feet.

Several Letters of Map Revisions were incorporated in this study. These include:

LOMC Number	Stream
07-04-2653P-280072	Pearl River
98-04-195P-280072	Lynch Creek
00-04-171P-280071	Lindsey Creek
04-04-381P-280071	Allen Creek Tributary
02-04-427P-280071	Straight Fence Creek
03-04-323P-280071	White Oak Creek
02-04-253P	Eubanks Creek Tributary 3

1.3 Coordination

An initial Consultation Coordination Officer's (CCO) meeting is held with representatives from FEMA, the community, and the study contractor to explain the nature and purpose of a FIS, and to identify the streams to be studied by detailed methods. A final CCO meeting is held with representatives from FEMA, the community, and the study contractor to review the results of the study. The dates of the precountywide initial and final CCO meeting held for Hinds County and the Town of Hinds are shown in Table 1, “CCO Meeting Dates for Precountywide FIS’s.”

TABLE 1 – CCO MEETING DATES FOR PRECOUNTYWIDE FISs

Community	Initial CCO Date	Final CCO Date
Hinds County (Unincorporated Areas)	February 27, 1975	June 7, 1978
Bolton, Town of	January 20-21, 1976	April 25, 1977
Clinton, City of	October 5, 1975	September 11, 1980
Jackson, City of	January 8, 1975	December 19, 1978
Terry, Town of	January 20, 1976	April 26, 1977

For this countywide FIS, a Project Scoping Meeting was held on August 3, 2005. Attendees for these meetings included representatives from the Mississippi Department of Environmental Quality, Mississippi Emergency Management Agency, FEMA National Service Provider, Hinds County, City of Clinton, City of Jackson, Central Mississippi Planning and Development District, and the State Study Contractor. Coordination with county officials and Federal, State, and regional agencies produced a variety of information pertaining to floodplain regulations, available community maps, flood history, and other hydrologic data. All problems raised in the meetings have been addressed.

2.0 AREA STUDIED

2.1 Scope of Study

This FIS covers the geographic area of Hinds County, Mississippi, and its incorporated communities listed in Section 1.1. Several flooding sources within the county were studied by approximate methods. Approximate analyses are used to study those areas having a low development potential or minimal flood hazards. The scope and methods of study were proposed to, and agreed upon, by FEMA and the State of Mississippi.

City of Jackson FIS, June 16, 1999

The June 16, 1999 City of Jackson FIS covered the incorporated area of the City of Jackson, Hinds, Rankin, and Madison Counties, Mississippi.

For the April 1, 1980, FIS, the following streams were studied by detailed methods: the Pearl River, Purple Creek, Hanging Moss Creek, Belhaven Creek, Twin Lakes G and H, Eubanks Creek, Town Creek, Lynch Creek, Three Mile Creek, Hardy Creek, and Cany Creek, and their tributaries; and portions of Bakers Creek, Big Creek, Bogue Chitto, School Creek, Trahon Creek, and their tributaries.

For the September 18, 1986 revision, the Old Pearl River channel southeast of the East Jackson Levee was restudied to incorporate ponding effects. The 1-percent annual chance flood was delineated in the area southeast of the East Jackson Levee to the Old Pearl River channel, which forms a portion of the corporate limits of the City of Jackson.

For the April 4, 1994, revision, the following streams were restudied by detailed methods: The Pearl River, Town Creek, Town Creek Tributaries 2, 3, 4, and 5, Big

Creek, Big Creek Tributaries 5, 6, and 7, Cany Creek, Hanging Moss Creek Tributary 4, Twin Lakes Creek-G, Trahon Creek, and Trahon Creek Tributary 2.

For the June 16, 1999 revision, White Oak Creek, form North State Street downstream to Old Canton Road, was restudied by detailed methods.

Hinds County (Unincorporated Areas) FIS, September 3, 1992

The September 3, 1992, Hinds County FIS covered all of Hinds county with the exception of the Cities of Jackson and Clinton, and the Towns of Bolton, Edwards, Learned, Raymond, Terry, and Utica. For the September 3, 1992, Hinds County FIS, the following streams were studied by detailed methods: a portion of Bakers Creek, Bakers Creek Tributary 1, Snake Creek, Smith Creek, and Smith Creek Tributaries 1, 2, and 3; and a portion of Bogue Chitto and Bogue Chitto Tributary 1, upstream of Cynthia Road.

City of Clinton FIS, February 17, 1981

The February 17, 1981 City of Clinton FIS covered all of the incorporated City of Clinton, Hinds County Mississippi. For the February 17, 1981, City of Clinton FIS, the following streams were studied by detailed methods: Allen Creek, Allen Creek Tributary Bakers Creek, French Creek, French Creek Tributary 1, Henry Creek, and Lindsey Creek.

Town of Terry FIS, November 4, 1992

The Town of Terry FIS dated November 4, 1992, covers the area within the corporate limits of the Town of Terry, Hinds County, Mississippi. The following streams were studied by detailed methods: Harris Creek, Rhodes Creek, Vaughn Creek, and Vaughn Creek Tributary 2.

Town of Bolton FIS, June 1977

The Town of Bolton FIS dated June 1977, covers the incorporated area of the Town of Bolton, Hinds County, Mississippi. Four streams within the corporate limits were studied in detail. Bakers Creek, Little Bakers, Creek, Stream 1, and Stream 2.

TABLE 2 – FLOODING SOURCES STUDIED PRE-COUNTYWIDE BY DETAILED METHODS

Allen Creek	Lynch Creek
Allen Creek Tributary	Lynch Creek Tributary 1
Bakers Creek	Lynch Creek Tributary 2
Bakers Creek Tributary 1	Lynch Creek Tributary 3
Belhaven Creek	Lynch Creek Tributary 4
Big Creek	Lynch Creek Tributary 4-1
Big Creek Tributary 3	Lynch Creek Tributary 5
Big Creek Tributary 4	Lynch Creek Tributary 6
Big Creek Tributary 5	Pearl River
Big Creek Tributary 6	Purple Creek
Big Creek Tributary 7	Rhodes Creek
Bogue Chitto Creek	School Creek
Bogue Chitto Creek Tributary 1	Smith Creek
Bogue Chitto Creek Tributary 4	Smith Creek Tributary 1

TABLE 2 – FLOODING SOURCES STUDIED PRE-COUNTYWIDE BY DETAILED METHODS

Cany Creek
Eubanks Creek
Eubanks Creek Tributary 3
Eubanks Creek Tributary 4
Eubanks Creek Tributary 5
Eubanks Creek Tributary 6
Eubanks Creek Tributary 6-1
Eubanks Creek Tributary 7
French Creek
French Creek Tributary 1
Hanging Moss Creek
Hanging Moss Creek Tributary 4
Hanging Moss Creek Tributary 5
Hanging Moss Creek Tributary 5-2
Hanging Moss Creek Tributary 6
Hanging Moss Creek Tributary 7
Hardy Creek
Hardy Creek Tributary 1
Harris Creek
Henry Creek
Lindsey Creek
Little Bakers Creek
Smith Creek Tributary 2
Smith Creek Tributary 3
Snake Creek
Straight Fence Creek
Stream 1
Stream 2
Three Mile Creek
Three Mile Creek Tributary 1
Town Creek
Town Creek Tributary 2
Town Creek Tributary 3
Town Creek Tributary 4
Town Creek Tributary 5
Trahon Creek
Trahon Creek Tributary 2
Trahon Creek Tributary 3
Twin Lakes Creek G
Twin Lakes Creek H
Vaughn Creek
Vaughn Creek Tributary 2
White Oak Creek

For this countywide FIS, detailed streams were studied by detailed and limited detailed methods. This study type entails collecting basic field measurements of hydraulic structures and channel geometry. Vertical control for the measurements is established using the LiDAR-based digital terrain model. Generalized roughness values are estimated from land-use data, aerial photography, and photographs collected during survey. Channel and overbank reach lengths are computed using GIS methods. Model results are calibrated to known stage values, as they are available and deemed reliable. Table 3 lists the flooding sources, which were revised or newly studied by detailed methods. Table 4 lists the flooding sources, which were revised or newly studied by limited detailed methods.

TABLE 3 – STREAMS STUDIED BY DETAILED METHODS

Stream	Limits of Detailed Study
Big Creek Tributary 1	From a point approximately 14,000 feet upstream of the confluence with Big Creek
Lindsey Creek	From a point approximately 115 feet upstream of a railroad bridge to a point approximately 200 feet upstream of Oak Hill Circle
Lynch Creek	From a point approximately 350 feet upstream of the confluence of Lynch Creek Tributary 7 to Queen Julianna Lane

Limits of the detailed study are indicated on the Flood Profiles (Exhibit 1) and on the FIRM (Exhibit 2).
Stream 1 within the City of Jackson has been renamed School Creek.

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Allen Creek Tributary	From the confluence with Allen Creek to a point 70 feet upstream of Rock Glenn Drive
Bakers Creek	From the confluence with Fourteen Mile Creek to a point approximately 1,500 feet downstream of Champion Hill Road.
Bakers Creek Tributary 1	From the confluence with Bakers Creek to a point approximately 2.3 miles upstream of the confluence with Bakers Creek
Bakers Creek Tributary 2	From the confluence with Bakers Creek to a point approximately 200 feet from Snake Creek Road
Bakers Creek Tributary 2-1	From the confluence with Bakers Creek Tributary 2 to a point approximately 1.0 miles upstream from the confluence with Bakers Creek Tributary 2
Big Black River	From a point approximately 2.1 miles downstream of State Highway 27 to a point approximately 3.5 miles upstream of the confluence of Bogue Falia Creek
Big Creek	From Highway 18 to a point approximately 0.2 miles upstream of Highway 18
Bitter Creek	From the confluence with Terrell Creek to a point approximately 2.2 miles upstream of the confluence with Terrell Creek
Bogue Chitto Creek (downstream reach)	From the county boundary to a point approximately 0.8 miles downstream of Cynthia Road.
Bogue Chitto Creek (upstream reach)	From approximately 300 feet upstream of Medger Evers Boulevard to a point approximately 500 feet upstream of Hilda Drive
Bogue Chitto Creek Tributary 2	From the confluence with the Bogue Chitto Creek to a point approximately 120 feet upstream of Northside Drive

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Bogue Chitto Creek Tributary 3	From the confluence with the Bogue Chitto Creek Tributary 3 to a point approximately 90 feet downstream of Northside Drive
Bogue Chitto Creek Tributary 4	From a point approximately 100 feet downstream from the confluence of Bogue Chitto Creek Tributary 5 to a point approximately 3,500 feet upstream of Northside Drive
Bogue Chitto Creek Tributary 5	From the confluence with the Bogue Chitto Creek Tributary 4 to a point approximately 300 feet miles upstream of Richardson Drive
Bogue Chitto Creek Tributary 6	From the confluence with the Bogue Chitto Creek to a point approximately 0.6 miles upstream of the confluence of Bogue Chitto Creek Tributary 6-1
Bogue Chitto Creek Tributary 6-1	From the confluence with the Bogue Chitto Creek Tributary 6 to a point approximately 0.3 miles upstream of the confluence with Bogue Chitto Creek Tributary 6
Bogue Chitto Creek Tributary 7	From the confluence with the Bogue Chitto Creek to a point approximately 400 feet upstream of U.S. Highway 49
Bogue Chitto Creek Tributary 8	From the confluence with the Bogue Chitto Creek to a point approximately 1.6 miles upstream of Highway 49
Bogue Chitto Creek Tributary 8-1	From the confluence with the Bogue Chitto Creek Tributary 8 to a point approximately 200 feet upstream of U.S. Highway 49
Bogue Chitto Creek Tributary 9	From the confluence with the Bogue Chitto Creek to approximately 350 feet downstream County Line Road
Bogue Chitto Creek Tributary 9-1	From the confluence with the Bogue Chitto Creek Tributary 9 to a point approximately 0.6 miles upstream of U.S. Highway 49
Bogue Chitto Creek Tributary 9-2	From the confluence with the Bogue Chitto Creek Tributary 9 to a point approximately 0.3 miles upstream of Maclean Road

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Bogue Chitto Creek Tributary 9-3	From the confluence with the Bogue Chitto Creek Tributary 9 to a point approximately 0.9 miles upstream of Billy Bell Road
Bogue Chitto Creek Tributary 9-4	From the confluence with the Bogue Chitto Creek Tributary 9-3 to a point approximately 1.3 miles upstream of Billy Bell Road
Bogue Chitto Creek Tributary 10	From the confluence with the Bogue Chitto Creek to a point approximately 1.9 miles upstream of the confluence with Bogue Chitto Creek
Bogue Chitto Creek Tributary 11	From the confluence with the Bogue Chitto Creek to a point approximately 1.0 miles upstream of the confluence with Bogue Chitto Creek
Bogue Chitto Creek Tributary 12	From the confluence with the Bogue Chitto Creek to a point approximately 1.8 miles upstream of the confluence with Bogue Chitto Creek
Bogue Chitto Creek Tributary 13	From the confluence with the Bogue Chitto Creek to Carsley Road
Bogue Chitto Creek Tributary 14	From the confluence with Bogue Chitto Creek to a point approximately 0.3 miles upstream of Springdale Road
Bogue Chitto Creek Tributary 15	From the confluence with Bogue Chitto Creek to the county boundary
Chestnut Creek Tributary 1	From the county boundary to a point approximately 0.6 miles upstream of the county boundary
Chestnut Creek Tributary 3	From the county boundary to a point approximately 0.9 miles upstream of the county boundary
Fleetwood Creek	From the confluence with Bakers Creek to a point to a point approximately 0.6 miles upstream of the confluence of Fleetwood Creek Tributary 4

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Fleetwood Creek Tributary 1	From the confluence with Fleetwood Creek to a point approximately 1.5 miles upstream of the confluence with Fleetwood Creek
Fleetwood Creek Tributary 2	From the confluence with Fleetwood Creek to a point approximately 1.8 miles upstream of the confluence with Fleetwood Creek
Fleetwood Creek Tributary 3	From the confluence with Fleetwood Creek to a point approximately 0.7 miles upstream of the confluence with Fleetwood Creek
Fleetwood Creek Tributary 4	From the confluence with Fleetwood Creek to a point approximately 0.7 miles upstream of the confluence with Fleetwood Creek
Fourteen Mile Creek	From the confluence with the Big Black River to a point 0.7 miles upstream of the confluence of Fourteen Mile Creek Tributary 2
Fourteen Mile Creek Tributary 1	From the confluence with Fourteen Mile Creek to a point approximately 2.1 miles upstream of Smith Station Road
Fourteen Mile Creek Tributary 2	From the confluence with Fourteen Mile Creek to a point approximately 0.5 miles upstream of Dry Grove Road
French Creek	From the confluence with Fourteen Mile Creek to a point approximately 0.2 miles upstream of Zepher Road
French Creek Tributary 1	From the confluence with French Creek to a point approximately 0.3 miles upstream of Highway 80
French Creek Tributary 2	From the confluence with French Creek Tributary 1 to a point approximately 0.2 miles upstream of Highway 80
French Creek Tributary 3	From the confluence with French Creek to a point approximately 0.6 miles upstream of the confluence with French Creek
French Creek Tributary 4	From the confluence with French Mile Creek to a point approximately 0.4 miles upstream of Norman Street

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Hanging Moss Creek Tributary 1	From a point approximately 0.17 miles upstream of the confluence with Hanging Moss Creek to a point approximately 0.1 miles downstream of Beasley Road
Hanging Moss Creek Tributary 2	From the confluence with Hanging Moss Creek to a point approximately 0.8 miles upstream of the confluence with Hanging Moss Creek
Hanging Moss Creek Tributary 3	From the confluence with Hanging Moss Creek to West County Line Road
Hanging Moss Creek Tributary 5-1	From the confluence with Hanging Moss Creek to a point approximately 0.2 miles upstream of Westwind Road
Harris Creek	From a point approximately 1.2 miles upstream of U.S. Interstate 55 to a point approximately 1.2 miles upstream of Stubbs Road
Harris Creek Tributary 1	From the confluence with Harris Creek to a point approximately 1.3 miles upstream of Green Gable Road
Jackson Creek	From the confluence with Bakers Creek to a point approximately 0.4 miles upstream of State Highway 467
Limekiln Creek	From the confluence with Bogue Chitto Creek to the county boundary
Limekiln Creek Tributary 1	From the confluence with Limekiln Creek to the county boundary
Limekiln Creek Tributary 1-1	From the confluence with Limekiln Creek Tributary 1 to a point approximately 0.7 miles upstream of Stigger Road
Limekiln Creek Tributary 2	From the confluence with Limekiln Creek to a point approximately 1.7 miles upstream of Highway 49
Limekiln Creek Tributary 2-1	From the confluence with Limekiln Creek Tributary 2 to a point approximately 0.9 miles upstream of Lanewood Road
Limekiln Creek Tributary 3	From the confluence with Limekiln Creek to the county boundary

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Limekiln Creek Tributary 3-1	From the confluence with Limekiln Creek Tributary 3 to the county boundary
Lindsey Creek	From a point approximately 0.2 miles downstream of Norrell Road to a point approximately 900 feet downstream of the confluence of Lindsey Creek Tributary 3
Lindsey Creek Tributary 1	From the confluence with Lindsey Creek Tributary 1 to a point approximately 1.6 miles upstream of the confluence with Lindsey Creek
Lindsey Creek Tributary 2	From a point approximately 0.6 miles upstream of the confluence with Lindsey Creek to a point approximately 0.8 miles upstream of Norrell Road
Lindsey Creek Tributary 3	From the confluence with Lindsey Creek to a point approximately 1.1 miles upstream of the confluence with Lindsey Creek
Little Creek	From the confluence with Rhodes Creek to a point approximately 0.1 miles upstream of Flowers Road
Little Bakers Creek	From the confluence with Bakers Creek to a point approximately 0.3 miles upstream of railroad bridge
Little Bakers Creek Tributary 1	From the confluence with Little Bakers Creek to a point approximately 0.6 miles upstream of U.S. Interstate 20
Little Bakers Creek Tributary 2	From the confluence with Little Bakers Creek to a point approximately 1.0 miles upstream of the confluence with Little Bakers Creek
Little Bakers Creek Tributary 3	From the confluence with Little Bakers Creek to a point approximately 0.27 miles upstream of U.S. Interstate 20
Little Bakers Creek Tributary 3-1	From the confluence with Little Bakers Creek Tributary 3 to a point approximately 0.9 miles upstream of the confluence with Little Bakers Creek Tributary 3
Little Bakers Creek Tributary 4	From the confluence with Little Bakers Creek to a point approximately 1.1 miles upstream of the confluence with Little Bakers Creek

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Little Bakers Creek Tributary 5	From the confluence with Little Bakers Creek to a point approximately 0.6 miles upstream of the confluence with Little Bakers Creek
Little Bakers Creek Tributary 6	From the confluence with Little Bakers Creek to a point approximately 0.4 miles upstream of the railroad bridge
Lynch Creek Tributary 5-1	From the confluence with Lynch Creek Tributary 5-1 to a point approximately 0.9 miles upstream of the confluence with Lynch Creek Tributary 5-1
McDonald Creek	From the confluence with Fourteen Mile Creek to a point approximately 1.1 miles upstream of Dry Grove Road
Patrol Creek	From the confluence with Lindsey Creek to a point approximately 0.6 mile upstream of the confluence with Lindsey Creek
Pearl River Tributary 1	From a point approximately 0.8 miles upstream of the confluence of Pearl River Tributary 2 to a point approximately 0.5 miles upstream of the railroad culvert
Pearl River Tributary 2	From a point approximately 1.3 miles upstream of the confluence with Pearl River Tributary 1 to a point approximately 0.6 miles upstream of U.S. Interstate 55
Rhodes Creek	From Seven Springs Road to a point approximately 0.2 miles upstream of Seven Springs Road
Rhodes Creek Tributary 1	From the confluence with Rhodes Creek to a point approximately 0.6 miles upstream of the confluence with Rhodes Creek
Rhodes Creek Tributary 2	From a point approximately 0.2 miles upstream of the confluence with Rhodes Creek to a point approximately 0.5 miles upstream of the confluence with Rhodes Creek
Rhodes Creek Tributary 4	From the confluence with Rhodes Creek to Terry Road

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Rhodes Creek Tributary 5	From the confluence with Rhodes Creek to a point approximately 0.8 miles upstream of the confluence with Rhodes Creek
Rhodes Creek Tributary 6	From the confluence with Rhodes Creek to a point approximately 0.5 miles upstream of the confluence with Rhodes Creek
Robertson Creek	From the confluence with Rhodes Creek to a point approximately 0.4 miles upstream of Flowers Road
Smith Creek Tributary 4	From Wells Road to a point approximately 1.0 miles upstream of Wells Road
Snake Creek	From a point approximately 0.4 miles upstream of State Highway 18 to a point approximately 1.2 miles upstream of the confluence of Snake Creek Tributary 1
Snake Creek Tributary 1	From the confluence with Snake Creek to a point approximately 0.2 miles upstream of Midway Road
Straight Fence Creek	From the confluence with the Bogue Chitto Creek to Williamson Road. From Pinehaven Drive to a point approximately 0.6 miles upstream of Arrow Drive
Straight Fence Creek Tributary 1	From the confluence with Straight Fence Creek to a point approximately 200 feet upstream of Clinton-Tinnon Road
Straight Fence Creek Tributary 1-1	From the confluence with Straight Fence Creek Tributary 1 to a point approximately 750 feet upstream of McGuffee Road
Straight Fence Creek Tributary 2	From the confluence with Straight Fence Creek to a point approximately 2.0 miles upstream of McGuffee Road
Straight Fence Creek Tributary 2-1	From the confluence with Straight Fence Creek Tributary 2 to a point approximately 0.7 miles upstream of the confluence with Straight Fence Creek Tributary 2
Straight Fence Creek Tributary 3	From the confluence with Straight Fence Creek to Jimmy Williams Road

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Straight Fence Creek Tributary 3-1	From the confluence with Straight Fence Creek Tributary 3 to a point approximately 0.6 miles upstream of McGuffee Road
Straight Fence Creek Tributary 4	From the confluence with Straight Fence Creek to a point approximately 0.3 miles upstream of Noah Johnson Road
Straight Fence Creek Tributary 5	From the confluence with Straight Fence Creek to a point approximately 2.2 miles upstream of the confluence with Straight Fence Creek
Straight Fence Creek Tributary 5-1	From the confluence with Straight Fence Creek Tributary 5 to a point approximately 0.6 miles upstream of the confluence with Straight Fence Creek Tributary 5
Straight Fence Creek Tributary 6	From the confluence with Straight Fence Creek to a point approximately 2.3 miles upstream of the confluence with Straight Fence Creek
Straight Fence Creek Tributary 6-1	From the confluence with Straight Fence Creek Tributary 6 to a point approximately 1.0 miles upstream of the confluence with Straight Fence Creek Tributary 6
Straight Fence Creek Tributary 6-2	From the confluence with Straight Fence Creek Tributary 6 to a point approximately 0.25 miles upstream of the confluence with Straight Fence Creek Tributary 6
Straight Fence Creek Tributary 7	From the confluence with Straight Fence Creek to a point approximately 100 feet upstream of Pinehaven Drive
Stream 1	From the confluence with Bakers Creek to a point approximately 1.1 miles upstream from the confluence with Bakers Creek
Stream B	From the confluence with Limekiln Creek Tributary 4 to the county boundary
Stream B Tributary 1	From the confluence with Stream B to a point approximately 0.6 mile upstream of the confluence with Stream B
Stream B Tributary 2	From the confluence with Stream B to the county boundary

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Terrell Creek	From Lake Shore Road to a point approximately 2.2 miles upstream of Learned-Oakley Road
Town Creek	From a point approximately 0.3 miles downstream of Interstate 220 to a point approximately 0.5 miles upstream of Forest Avenue
Town Creek Tributary 2	From Michael Avalon Street to a point approximately 0.2 miles upstream of Michael Avalon Street
Trahon Creek Tributary 3	From a point a aproximately 150 feet upstream of Lake Shore Road to a point approximately 0.8 miles upstream of Lake Shore Road
Turkey Creek	From the confluence with Fourteen Mile Creek to a point approximately 0.9 miles upstream of State Highway 467
Turkey Creek Tributary 1	From the confluence with Turkey Creek to a point approximately 1.1 miles upstream of the Natchez Trace Parkway
Turkey Creek Tributary 2	From the confluence with Turkey Creek to a point approximately 0.7 miles upstream of the Natchez Trace Parkway
Twelve Mile Creek	From the confluence with Fourteen Mile Creek to a point approximately 1.0 miles upstream of the Natchez Trace Parkway
Twelve Mile Creek Tributary 1	From the confluence with Twelve Mile Creek to a point approximately 0.2 miles upstream of the Natchez Trace Parkway
Vaughn Creek	From a point approximately 2.4 miles upstream of the confluence with the Pearl River to Moncure Marble Road. From a point approximately 0.5 miles upstream of U.S. Interstate 55 to a point approximately 0.5 miles upstream of Volley Campbell Road
Vaughn Creek Tributary 1	From the confluence with Vaughn Creek to a point approximately 0.1 miles upstream of Jack Johnson Road

TABLE 4 – STREAMS STUDIED BY LIMITED DETAILED METHODS

Stream	Limits of Limited Detailed Study
Vaughn Creek Tributary 1-1	From the confluence with Vaughn Creek Tributary 1 to a point approximately 0.8 miles upstream of the confluence with Vaughn Creek Tributary 1
Vaughn Creek Tributary 3	From the confluence with Vaughn Creek Tributary 2 to a point approximately 0.2 miles upstream of Cassidy Road
Vaughn Creek Tributary 3-1	From the confluence with Vaughn Creek Tributary 2 to a point approximately 1.1 miles upstream of the confluence with Vaughn Creek Tributary 2
Vaughn Creek Tributary 3-2	From the confluence with Vaughn Creek Tributary 2 to a point approximately 0.1 miles upstream of Cassidy Road
White Oak Creek	From the county boundary to a point approximately 1.4 miles upstream of Haley Road

2.2 Community Description

Hinds County, with a total land area of 876 square miles (Census.gov, 2006) and a population of 249,012 as of 2006 (Census.gov, 2007) is located in central Mississippi and bordered on the east by Rankin County, on the west by Warren and Claiborne Counties, on the south by Copiah County, and on the north by Madison and Yazoo Counties. The county is located approximately 200 miles south of Memphis, TN, and 190 miles north of New Orleans, LA, and has two county seats, Raymond and Jackson. Hinds County was organized in February 1831 and was the 10th county in the state. The county was named after General Thomas Hinds, a hero of the battle of New Orleans (Central MS Planning District, 1976).

The topography in Hinds County varies from high, rugged hills, to broad, flat, alluvial plains. A prominent ridge runs generally north-south across the eastern one-third of the county, forming a divide between the Pearl River and Big Black River drainage basins. Some of the highest elevations in the county are found along the southern part of the divide, with the highest elevation being 473 feet at Cooper Wells. The lowest elevations are along the Big Black River on the western boundary of the county with elevations that are less than 100 feet.

Hinds County has a warm, temperate climate, characterized by long summers and short winters. The annual precipitation is 57.45 inches. Temperatures range from a January average of 45 ^{o}F to a July average of 81 ^{o}F (MSU Climatologist, 2007).

Hinds County is divided into two main cultural areas. One is the highly industrialized and heavily populated metropolitan Jackson area; the other is the mainly agricultural area for the remainder of the county. As a whole, the county is very industrialized. The most

prominent manufactured products are furniture, household appliances, machinery, and food products. The retail trade has become the largest sector of the economy of Hinds County with almost 15,000 employees.

A system of Federal, State, and county highways and roads make most of Hinds County readily accessible. U.S. Interstate Routes 20, 55, and 220 and U.S Highways 49, 51, and 80 all service Hinds County. The route of the historic Natchez Trace crosses Hinds County from the southwest to the northeast. Several railroad lines cross Hinds County. The Canadian National and Kansas City Southern Railroads have main-lines that serve the City of Jackson and Hinds County.

Hinds County is within two major drainage basins, the Pearl River and the Big Black River. The divide that separates the two basins runs north-south through the eastern one-third of the county. The drainage of the northern end of the divide is affected by the prominent topographic feature, the Jackson Dome, which causes some of the streams in the northeastern corner of the county to flow north into the Big Black River. The effects of the Jackson Dome and the position of the divide restrict the Pearl River drainage basin to a much smaller portion of the county than that occupied by the Big Black basin (MS Geological, 1977).

2.3 Principal Flood Problems

Flooding on the Pearl River and resultant backwater effects on its tributaries is the principal flood problem in Hinds County. The county has frequently suffered from flooding, with the most damaging flood in recent history occurring in April 1979. The flood of 1979 is the maximum flood on record. The frequency of this flood was estimated at approximately a 200-year event (USACE, 2001). This flood caused extensive damage to farmland and to commercial and residential property.

Cany Creek and Big Creek also experience flooding problems independent of the Pearl River floods. These floods usually are the result of intense seasonal rains, particularly summer thunderstorms.

2.4 Flood Protection Measures

FEMA specifies that all levees must have a minimum of 3-foot freeboard against 1-percent annual chance flooding to be considered a safe flood protection structure. The criteria used to evaluate protection against the 1-percent annual chance flood are 1) adequate design, including freeboard, 2) structural stability, and 3) proper operation and maintenance. Levees that do not protect against the 1-percent annual chance flood are not considered in the hydraulic analysis of the 1-percent annual chance flood.

In 1968, the USACE completed the levee system along the Pearl River, which now controls the major flooding of the river. The City of Jackson has updated the storm sewer system in downtown Jackson so that it provides adequate capacity to control flooding in the downtown area. Creeks in the outlying areas still frequently flood and present major problems to the community.

The City of Jackson and Hinds County have maintained the creeks and tributary channels. This annual maintenance has helped to control the drainage problem. As housing areas have developed in recent years, the drainage has been controlled with storm sewers.

Provisionally Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations by April 23, 2010. If the community or owner does not provide the necessary data and documentation or if the data and documentation provided indicate the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/nfip/index.shtm.

3.0 ENGINEERING METHODS

For the flooding sources studied by detailed methods in Hinds County, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude that are expected to be equaled or exceeded once on the average during a 100-year period (recurrence interval) have been selected as having special significance for floodplain management and for flood insurance rates. This event, commonly termed the 1-percent annual chance flood, has a 1-percent chance, respectively, of being equaled or exceeded during any year. Although the recurrence interval represents the long-term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than 1 year are considered. For example, the risk of having a flood that equals or exceeds the 1-percent-annual-chance flood in any 50-year period is approximately 40 percent (4 in 10); for any 90-year period, the risk increases to approximately 60 percent (6 in 10). The analyses reported herein reflect flooding potentials based on conditions existing in the community at the time of completion of this study. Maps and flood elevations will be amended periodically to reflect future changes.

3.1 Hydrologic Analyses

Hydrologic analyses were carried out to establish peak discharge-frequency relationships for each flooding source studied by detailed methods affecting Hinds County.

Precountywide Analyses

The Cities of Clinton and Jackson, the Towns of Bolton and Terry, and the unincorporated areas of Hinds County have previously published FIS reports. The hydrologic analyses described in those reports have been compiled and are summarized below.

Hinds County (Unincorporated Areas) FIS September 3, 1992

Peak discharges for the Pearl River were determined by the USACE, Mobile District (USACE, 1973). Peak discharges for Hanging Moss Creek and its tributaries were determined by using generalized flow curves for various percentages of urbanization (Hudgens, 1975). These curves were developed using records from the eight stream gages maintained by the USGS in the Jackson Metropolitan area, and the computer

program FREQFLO (University of Texas, 1976) was developed under the guidance of the U.S Water Resources Council. The average length of records for these stream gages was 19 years.

For all other detailed study streams, peak discharges were calculated using equations developed in a regional flood frequency report entitled Flood Frequency of Mississippi Streams (U.S. Dept of Interior, 1976). These equations were developed using records of annual peaks for 89 basins and observed annual peak-flow data for 221 stream gaging stations. The length of record for 82 of the 221 stream gaging stations with actual records is 25 years or more. Multiregression analyses were used to average the chance variability of the data and relate flood frequency to basin characteristics, the most significant being drainage area, slope, and length. Peak discharges for approximate study streams were also calculated using these equations.

City of Jackson FIS June 16, 1999

The USGS has maintained gages on 9 of the major streams in the Jackson metropolitan area. The recorded data from each of these gage stations were used to determine the 10-, 2-, 1-, and 0.2-percent annual chance flows. The values of each of these flows were determined using the computer program FREQFLO. The aforementioned stream gages are presented in the following table.

Stream	Length of Record (Years)	Drainage Area (Square Miles)
Pearl River	102	31.00
Cany Creek	14	8.31
Three Mile Creek	13	1.12
Lynch Creek	22	11.10
Town Creek	22	11.30
Eubanks Creek	22	4.00
Hanging Moss Creek	23	16.00
Hanging Moss Creek Tributary 1	16	3.45
Purple Creek	23	5.85

For the Pearl River, frequency-discharge relationships based on 102 years of rainfall record were determined using Bulletin 15 (U.S. Water Resources Council, 1967).

To develop flows at various locations for other streams in the area, the flows developed at each of the gaging stations in the area, excluding the one along the Pearl River, were plotted graphically. As the drainage area changed, the associated flow could be determined graphically. Because the percentage of imperviousness or urbanization also varied throughout the Jackson metropolitan area, flows for various creeks would vary according to the percentage of urbanization. A series of parallel lines were selected to show graphically the relationship between flow and urbanization. These lines were plotted to best fit the interrelationship of the drainage area, flow, and percentage of urbanization. The resulting series of lines could then be used to develop flows for various drainage areas at various percentages of urbanization.

To convert this generalized flow curve into a mathematical equation, the series of lines had to be a function of each other and still best represent the historical data used. The selected slope of lines best fit the square root of the drainage area. The spacing between

the lines best fit a change in urbanization corresponding to 5 times the change in flow. The resulting equation is a function of flow, drainage area, percentage urbanization, and change in flood frequency:

$$Log[Q/A]=C+0.007U$$

Where Q = Flow in Cubic Feet per Second
A = Area in Square Miles
U = Urbanization Percentage
C = Constant for Various Frequencies

Floodflows for the 10-, 2, 1-, and 0.2- percent annual chance discharges were developed using this equation. Generalized flow curves for each of the required frequencies were developed.

For the September 18, 1986, revision, the ponding effects from the Old Pearl River channel, southeast of the East Jackson Levee, were determined by a reservoir routing analysis using the Modified Pulse Method from the USACE HEC-1 computer program (USACE, 1973).

For the December 16, 1988, revision, hydrologic analyses were also obtained from a report prepared by Deas, Eldridge, and Associates (Deas, 1985).

For the April 4, 1994, revision, a gaging station on Town Creek at Gallatin Street was the principal source of data for defining the discharge-frequency relationship for this stream (Ref 11). Peak discharge values from 1953 through 1984 were furnished by the USGS. Values of peak discharges for floods of the 10-, 2-, 1-, and 0.2-percent annual chance intervals were determined form a Log-Pearson Type III distribution of annual peak flow data (U.S. Dept of Interior, 1982 and USACE, 1983). Peak discharge values for Cany Creek were determined using the HEC-1 computer model (USACE, 1973). Discharge-frequency relationships for the Pearl River were determined using information from previous reports(U.S. Dept. of Interior, 1976, 1979, and 1983; USACE, 1985). The relationships were developed through statistical analysis of discharge data from various streamflow gages. Flood frequency estimates of peak discharges for other streams were computed using USGS regression equations developed at the ungaged sites with corrections for urbanization (U.S. Dept. of Interior, 1976 and 1983).

City of Clinton FIS February 17, 1981

Peak discharge-frequency data for all flooding sources studied in detail in Clinton were computed using regional relationships relating basin characteristics to streamflow characteristics developed by the USGS. This methodology is defined in Flood Frequency of Mississippi Streams (U.S. Dept. of Interior, 1976). Adjustments for urbanization effects were made according to the methodology presented by the USGS in An Approach to Estimating Flood Frequency for Urban Areas in Oklahoma (U.S. Dept. of Interior, 1974).

Town of Bolton FIS June 1977

Peak discharge computations obtained for detail study streams were based on a regional flood frequency report prepared by the USGS (U.S. Dept of Interior, 1976) applicable to non-urban basins in the State of Mississippi. Techniques for estimating future flood

magnitudes were developed in the report, based on analyses of both recorded and synthetic stream flow data.

Town of Terry FIS November 4, 1992

Peak discharge computations were based on a regional flood frequency report prepared by the USGS (U.S. Dept of Interior, 1976), applicable to nonurbanized basins in the State of Mississippi. Techniques for estimating future flood magnitudes were developed in the report, based on analyses of both recorded and synthetic streamflow data.

Countywide Analyses

Peak discharges for the streams studied by either detailed methods or approximate methods were calculated based on U.S. Geological Survey (USGS) regional regression equations (U.S. Department of the Interior, 1991).

For the discharges calculated based on regional regression equations, the rural regression values were modified to reflect stream gage weighting, flood control, and urbanization as necessary.

A summary of the drainage area-peak discharge relationships for all the streams is shown in Table 5, "Summary of Discharges."

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
ALLEN CREEK					
At confluence with Bakers Creek	0.46	500	670	750	910
At cross section B	0.41	490	650	720	870
At cross section C	0.34	470	620	680	820
At cross section D	0.30	460	600	660	790
ALLEN CREEK TRIBUTARY					
At confluence with Allen Creek	0.37	520	680	770	920
At cross section C	0.32	480	630	710	850
BAKERS CREEK					
Downstream limit of detailed study	77.06	5,858	9,724	11,965	19,837
At the confluence with Snake Creek	59.62	5,277	8,720	10,736	17,733
Upstream of the confluene of Snake Creek	44.05	4,665	7,668	9,448	15,536
Confluence with Bakers Creek Tributary 1	26.69	3,804	6,198	7,646	12,482
Upstream with Bakers Creek Tributary 1	22.57	3,553	5,772	7,124	11,600
Upstream of Smith Creek	12.23	2,768	4,449	5,500	8,875
Confluence with Bakers Creek Tributary 2	8.54	2,392	3,820	4,726	7,585
McRaven Road	1.71	1,242	1,929	2,396	3,749

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
BAKERS CREEK TRIBUTARY 1					
Confluence with Bakers Creek	4.12	1,680	2,578	3,017	4,598
Midway Road	1.53	800	1,182	1,359	1,994
BAKERS CREEK TRIBUTARY 2					
Confluence with Bakers Creek	4.23	*	*	2,506	*
At the Natchez Trace Parkway	1.74	*	*	1,635	*
BAKERS CREEK TRIBUTARY 2-1					
Confluence with Bakers Creek Tributary 2	0.60	*	*	662	*
BIG BLACK RIVER					
Approximately 6 miles upstream of the confluence of Porter Creek	252.60	*	*	55,733	*
Approximately 7.8 miles upstream of the confluence of Porter Creek	244.38	*	*	52,365	*
BIG CREEK					
Confluence with the Pearl River	28.49	3,864	6,322	7,698	12,544
Confluence with Big Creek Tributary 1	19.16	3,347	5,465	6,748	11,017
At the confluence of Big Creek Tributary 4	17.00	4,781	5,470	6,720	7,904
At Corporate Limits	3.52	1,680	2,620	3,090	4,020
At confluence of Big Creek Tributary 5	2.73	1,560	2,420	2,850	3,660
Just upstream of confluence of Big Creek Tributary 5	1.22	810	1,230	1,450	1,890
Just upstream of confluence of Big Creek Tributary 7	0.64	490	730	850	1,090
At State Highway 18	0.34	260	360	410	550
BIG CREEK TRIBUTARY 1					
At the confluence with Big Creek	1.63	684	1,017	1,137	1,467
Approximately 0.4 miles upstream of Gary Road	0.91	557	815	904	1,153
Approximately 0.8 miles upstream of Gary Road	0.50	404	589	650	826
Approximately 1.2 miles upstream of Gary Road	0.28	283	409	450	569
BIG CREEK TRIBUTARY 2					
At the confluence with Big Creek	3.77	847	1,336	1,656	2,625
Upstream of the confluence with Big Creek Tributary 2	1.01	612	884	1,027	1,480
Upstream of confluence with Big Creek	0.68	415	596	691	990
Approximately 0.1 miles upstream of McClure Road	0.46	*	*	617	*

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
BIG CREEK TRIBUTARY 3					
At the confluence with Big Creek	4.19	1,375	2,137	2,564	3,977
At Springridge Road	2.34	957	1,154	1,774	2,710
BIG CREEK TRIBUTARY 5					
At mouth	1.51	670	1,030	1,230	2,700
Just upstream of the confluence of Big Creek Tributary 6	0.84	430	650	780	1,870
BIG CREEK TRIBUTARY 6					
At mouth	0.51	420	630	720	910
At State Highway 18	0.30	220	310	350	450
BIG CREEK TRIBUTARY 7					
At mouth	0.32	270	400	470	590
At Brookhollow Drive	0.24	200	290	340	470
At Brookview Drive	0.14	130	180	210	300
BITTER CREEK					
At the confluence with Terrell Creek	6.72	*	*	3,867	*
Approximately 0.6 miles upstream Learned-Oakley Road	5.43	*	*	3,438	*
Approximately 0.15 miles upstream of Learned Road	2.91	*	*	2,126	*
BOGUE CHITTO CREEK					
Just downstream of confluence of Straight Fence Creek	117.11	*	*	25,425	*
Approximately 0.2 miles downstream of Kickapoo Road	20.55	*	*	8,078	*
At downstream limit of detailed study	7.19	2,311	3,637	4,477	7,070
Just upstream of the confluence of Bogue Chitto Tributary 1	4.52	1,699	2,579	3,120	4,825
At Mississippi State Highway 49	1.86	1,344	2,052	2,454	3,743
At confluence with Bogue Chitto Creek Tributary 6	0.62	*	*	723	*
BOGUE CHITTO CREEK TRIBUTARY 1					
At the confluence with Bogue Chitto Creek	2.07	966	1,446	1,699	2,537
At Northside Drive	1.62	813	1,206	1,404	2,074
At the confluence of Bogue Chitto Creek Tributary 2	1.27	686	1,007	1,162	1,697

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
BOGUE CHITTO CREEK TRIBUTARY 2					
At confluence with Bogue Chitto Creek	3.62	*	*	3924	*
Northside Drive	0.67	*	*	1240	*
BOGUE CHITTO CREEK TRIBUTARY 3					
At the confluence with Bogue Chitto Creek Tributary 4	0.51	*	*	695	*
Northside Drive	0.67	*	*	1240	*
BOGUE CHITTO CREEK TRIBUTARY 4					
At the confluence with Bogue Chitto Creek	3.20	*	*	3,170	*
Approximately 0.3 miles upstream of the confluence of Bogue Chitto Creek Tributary 5	0.52	*	*	853	*
BOGUE CHITTO CREEK TRIBUTARY 5					
At the confluence with Bogue Chitto Creek Tributary 4	0.48	*	*	710	*
BOGUE CHITTO CREEK TRIBUTARY 6					
At the confluence with Bogue Chitto Creek	0.52	*	*	661	*
BOGUE CHITTO CREEK TRIBUTARY 6-1					
At the confluence with Bogue Chitto Creek Tributary 6	0.15	*	*	241	*
BOGUE CHITTO CREEK TRIBUTARY 7					
At the confluence with Bogue Chitto Creek	1.35	*	*	1,161	*
Approximately 1.2 miles upstream of the confluence with Bogue Chitto Creek	0.60	*	*	750	*
BOGUE CHITTO CREEK TRIBUTARY 8					
At the confluence with Bogue Chitto Creek	3.89	*	*	2,079	*
Approximately 0.8 miles downstream of U.S. Highway 49	2.38	*	*	1,645	*
Approximately 1.0 miles upstream of Kickapoo Road	1.31	*	*	1,115	*
BOGUE CHITTO CREEK TRIBUTARY 8-1					
At the confluence with Bogue Chitto Creek Tributary 8	0.42	*	*	575	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
BOGUE CHITTO CREEK TRIBUTARY 9					
At the confluence with Bogue Chitto Creek	8.52	*	*	3,992	*
Approximately 0.1 miles upstream of U.S. Highway 49	4.46	*	*	2,822	*
Approximately 0.7 miles upstream of Billy Bell Road	0.74	*	*	1,022	*
BOGUE CHITTO CREEK TRIBUTARY 9-1					
At the confluence with Bogue Chitto Creek Tributary 9	1.27	*	*	1,054	*
Approximately 0.2 miles upstream of U.S. Highway 49	0.70	*	*	693	*
BOGUE CHITTO CREEK TRIBUTARY 9-2					
At the confluence with Bogue Chitto Creek Tributary 9	0.70	*	*	767	*
BOGUE CHITTO CREEK TRIBUTARY 9-3					
At the confluence with Bogue Chitto Creek Tributary 9	2.27	*	*	1579	*
Approximately 250 feet downstream of Maclean Road	0.95	*	*	880	*
BOGUE CHITTO CREEK TRIBUTARY 9-4					
At the confluence with Bogue Chitto Creek Tributary 9-3	0.67	*	*	600	*
BOGUE CHITTO CREEK TRIBUTARY 10					
At the confluence with Bogue Chitto Creek	1.72	*	*	1,155	
Approximately 1.8 miles upstream of the confluence with Bogue Chitto Creek	1.11	*	*	1,005	*
BOGUE CHITTO CREEK TRIBUTARY 11					
At the confluence with Bogue Chitto Creek	0.46	*	*	486	*
BOGUE CHITTO CREEK TRIBUTARY 12					
At the confluence with Bogue Chitto Creek	1.48	*	*	1,276	*
Approximately 1.4 miles upstream of the confluence with Bogue Chitto Creek	0.97	*	*	1,074	*
BOGUE CHITTO CREEK TRIBUTARY 13					
At the confluence with Bogue Chitto Creek	0.96	*	*	882	*
At Carsley Road	0.59	*	*	704	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
BOGUE CHITTO CREEK TRIBUTARY 14					
At the confluence with Bogue Chitto Creek	0.90	*	*	817	*
Approximately 0.4 miles downstream of Springdale Road	0.55	*	*	656	*
BOGUE CHITTO CREEK TRIBUTARY 15					
At the confluence with Bogue Chitto Creek	3.35	*	*	2,322	*
Approximately 0.2 miles upstream of Sprindale Road	2.28	*	*	1,994	*
CANY CREEK					
At U.S. Interstate 55	9.97	6,470	7,890	8,620	10,340
At Terry Road	9.05	5,310	6,580	7,200	8,730
At Cooper Road	6.67	4,140	5,100	5,620	6,800
At McDowell Road	3.42	2,470	3,120	3,450	4,280
At Raymond Road	1.78	1,440	1,840	2,040	2,520
At State Highway 18	0.45	520	650	720	890
CHESTNUT CREEK TRIBUTARY 1					
Approximately 0.3 miles upstream of the county boundary	0.81	*	*	864	*
CHESTNUT CREEK TRIBUTARY 3					
At the county boundary	0.64	*	*	749	*
EUBANKS CREEK					
At the confluence of Eubanks Creek Tributary 6	2.08	1,418	1,796	1,921	2,239
Approximately 140 feet upstream of Bram Avenue	1.80	1,314	1,653	1,764	2,046
EUBANKS CREEK TRIBUTARY 6					
Approximately 700 feet upstream of the confluence with Eubanks Creek	0.69	787	998	1,066	1,242
Approximately 450 feet upstream of Meadowlane Drive	0.40	533	671	715	828
FLEETWOOD CREEK					
At the confluence with Bakers Creek	13.38	*	*	7,383	*
At the confluence of Fleetwood Creek Tributary 2	4.23	*	*	2,572	*
Approximately 0.2 miles upstream of the confluence of Fleetwood Creek Tributary 4	1.64	*	*	1,356	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
FLEETWOOD CREEK TRIBUTARY 1					
At the confluence with Fleetwood Creek	2.70	*	*	1,640	*
Approximately 1.9 miles upstream of the confluence with Fleetwood Creek	0.89	*	*	995	*
FLEETWOOD CREEK TRIBUTARY 2					
At the confluence with Fleetwood Creek	3.02	*	*	1,834	*
FLEETWOOD CREEK TRIBUTARY 3					
At the confluence with Fleetwood Creek	0.90	*	*	727	*
FLEETWOOD CREEK TRIBUTARY 4					
At the confluence with Fleetwood Creek	1.2	*	*	1,057	*
FOURTEENMILE CREEK					
At the confluence with the Big Black River	235.5	*	*	40,065	*
At the confluence of Bakers Creek	92.07	*	*	20,680	*
At Old Port Gibson Road	29.90	*	*	8,413	*
At the confluence of Fourteen Mile Creek Tributary 2	4.78	*	*	3,697	*
FOURTEEN MILE CREEK TRIBUTARY 1					
At the confluence with Fourteen Mile Creek	5.45	*	*	2,870	*
Approximately 200 feet upstream of Smith Station Road	4.07	*	*	2,498	*
Approximately 1.6 miles upstream of Smith Station Road	2.67	*	*	2,316	*
FOURTEEN MILE CREEK TRIBUTARY 2					
Approximately 200 feet upstream of State Highway 18	5.35	*	*	3,023	*
At Dry Grove Road	3.91	*	*	2,778	*
FRENCH CREEK					
At confluence with Bakers Creek	5.29	3,370	4,730	5,410	7,400
At U.S. Interstate 20	1.16	1,150	1,560	1,750	2,290
FRENCH CREEK TRIBUTARY 1					
At Cross Section A	1.41	1,130	1,560	1,780	2,190
FRENCH CREEK TRIBUTARY 2					
At the confluence with French Creek	3.02	*	*	1,834	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
FRENCH CREEK TRIBUTARY 3					
At the confluence with French Creek	0.90	*	*	727	*
FRENCH CREEK TRIBUTARY 4					
At the confluence with French Creek	1.19	*	*	1,057	*
HANGING MOSS CREEK					
At the downstream Limit of Detailed Study	1.36	1,290	1,800	2,050	2,650
At County Line Road	1.17	1,180	1,690	1,900	2,400
HANGING MOSS CREEK TRIBUTARY 1					
At the confluence with Hanging Moss Creek	0.71	*	*	751	*
HANGING MOSS CREEK TRIBUTARY 2					
At the confluence with Hanging Moss Creek	0.73	*	*	713	*
HANGING MOSS CREEK TRIBUTARY 3					
Approximately 0.2 miles upstream of the confluence with Hanging Moss Creek	0.50	*	*	557	*
HANGING MOSS CREEK TRIBUTARY 4					
At mouth	4.26	2,230	3,370	3,980	5,300
At Beasley Road	3.29	1,650	2,560	3,030	4,130
At County Line Road	1.65	1,100	1,660	1,710	2,610
At Natchez Trace Parkway	0.51	310	450	520	1,040
HANGING MOSS CREEK TRIBUTARY 5					
Confluence with Hanging Moss Creek	4.44	1,747	2,254	2,428	2,864
Approximately 0.25 miles downstream of U.S. Interstate 220	3.24	1,243	1,588	1,707	2,002
Approximately 200 feet downstream of West County Line Road	2.42	949	1,328	1,484	1,528
HANGING MOSS CREEK TRIBUTARY 5-1					
Just upstream of the confluence with Hanging Moss Creek	0.27	*	*	509	*
HARDY CREEK					
Approximately 200 feet upstream of Woodbine Road	1.68	1,338	1,711	1,832	2,146
Approximatley 0.25 miles upstream of Brookwood Drive	1.19	1,072	1,361	1,455	1,697

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
HARRIS CREEK					
Confluence with Rhodes Creek	8.91	1,756	2,808	3,411	5,450
At U.S. Interstate 55	8.78	1,755	2,807	3,408	5,438
At the upstream Limit of Detailed Study	7.84	1,753	2,801	3,394	5,407
Approximately 1.4 miles upstream of U.S Interstate 55	7.29	*	*	3,195	*
Just upstream of the confluence of Harris Creek Tributary 1	2.60	*	*	1,718	*
Approximately 400 feet downstream of Stubbs Road	1.47	*	*	1,114	*
HARRIS CREEK TRIBUTARY 1					
Just upstream of the confluence with Harris Creek	3.12	*	*	1,843	*
Approximately 350 feet downstream of Green Gables Road	2.47	*	*	1,709	*
Approximately 0.9 miles upstream of Green Gables Road	1.00	*	*	965	*
HENRY CREEK					
At the confluence with Bakers Creek	0.46	500	670	750	910
At Cross Section B	0.41	490	650	720	870
At Cross Section C	0.34	470	620	680	820
At Cross Section D	0.30	460	600	660	790
JACKSON CREEK					
At the confluence with Bakers Creek	7.74	*	*	3,890	*
At Military Road	5.49	*	*	3,435	*
At State Highway 467	3.12	*	*	2,600	*
LIMEKILN CREEK					
At the confluence with Bogue Chitto Creek	49.31	*	*	14,543	*
At the confluence of Limekiln Creek Tributary 3	35.51	*	*	12,563	*
At the confluence with Stream B	19.66	*	*	7,962	*
LIMEKILN CREEK TRIBUTARY 1					
At the confluence with Limekiln Creek	3.23	*	*	1,776	*
Approximately 0.3 miles upstream of Stigger Road	0.61	*	*	629	*
LIMEKILN CREEK TRIBUTARY 1-1					
At the confluence with Limekiln Creek Tributary 1	2.21	*	*	1,423	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
LIMEKILN CREEK TRIBUTARY 2					
Approximately 0.2 miles upstream of the confluence with Limekiln Creek	4.37	*	*	2,594	*
Approximately 300 feet upstream of U.S. Highway 49	2.26	*	*	1,858	*
LIMEKILN CREEK TRIBUTARY 2-1					
At the confluence with Limekiln Creek Tributary 2	0.91	*	*	816	*
LIMEKILN CREEK TRIBUTARY 3					
At the confluence with Limekiln Creek	3.96	*	*	2,854	*
At the confluence of Limekiln Creek Tributary 3-1	0.78	*	*	629	*
LIMEKILN CREEK TRIBUTARY 3-1					
At the confluence with Limekiln Creek Tributary 3	2.30	*	*	1,956	*
LINDSEY CREEK					
At City of Clinton Corporate Limits	3.82	2,050	2,960	3,440	4,330
At Cross Section B	2.34	1,550	2,180	2,510	3,120
At U.S. Interstate 20	1.35	1,220	1,660	1,890	2,310
At Vernon Road	0.90	960	1,280	1,460	1,780
LINDSEY CREEK TRIBUTARY 2					
At Ellicot Burn Road	1.30	*	*	1,504	*
LITTLE BAKERS CREEK					
At the confluence with Bakers Creek	13.71	*	*	5,465	*
At U.S. Interstate 20	6.31	*	*	4,011	*
At the confluence of Little Bakers Creek Tributary 6	0.72	*	*	763	*
LITTLE BAKERS CREEK TRIBUTARY 1					
At the confluence with Little Bakers Creek	3.32	*	*	2,202	*
Approximately 0.3 miles downstream of Old Highway 80	2.64	*	*	1,856	*
LITTLE BAKERS CREEK TRIBUTARY 2					
At the confluence with Little Bakers Creek	0.40	*	*	456	*
LITTLE BAKERS CREEK TRIBUTARY 3					
At the confluence with Little Bakers Creek	1.06	*	*	1,175	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
LITTLE BAKERS CREEK TRIBUTARY 4					
At the confluence with Little Bakers Creek	0.76	*	*	648	*
LITTLE BAKERS CREEK TRIBUTARY 5					
At the confluence with Little Bakers Creek	0.30	*	*	370	*
LITTLE BAKERS CREEK TRIBUTARY 6					
At the confluence with Little Bakers Creek	0.41	*	*	624	*
LITTLE CREEK					
At the confluence with Rhodes Creek	1.14	*	*	956	*
LYNCH CREEK TRIBUTARY 5-1					
Approximately 0.2 miles upstream of the confluence with Lynch Creek Tributary 5-1	0.66	*	*	726	*
MCDONALD CREEK					
At the confluence with Fourteen Mile Creek	6.45	*	*	3,557	*
At State Highway 18	6.04	*	*	3,509	*
At Dry Grove Road	3.23	*	*	2,882	*
PATROL CREEK					
At the confluence with Lindsey Creek	1.25	*	*	1,432	*
PEARL RIVER					
At City of Jackson gaging station	3,171	56,800	90,000	106,000	148,000
At Woodrow Wilson Bridge	3,100	57,000	76,000	84,000	104,000
At beginning of detailed study (River Mile 268.95)	31.00	53,000	76,000	86,000	109,000
PEARL RIVER TRIBUTARY 1					
Approximately 1.5 miles upstream of the confluence with the Pearl River	0.50	*	*	575	*
Approximately 700 feet upstream of the Canadian National Railroad	0.17	*	*	282	*
PEARL RIVER TRIBUTARY 2					
Approximately 1.4 miles upstream of the confluence with the Pearl River	1.52	*	*	1,510	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
RHODES CREEK					
At Railroad	36.20	6,060	9,820	11,400	15,500
At U.S. Interstate 55	22.40	4,200	6,690	7,840	10,800
At Old Highway 51	20.80	3,970	6,300	7,380	10,120
About 2,400 feet downstream of Old Jackson Road	15.30	3,480	5,530	6,480	8,880
At Old Jackson Road	10.80	2,760	4,390	5,200	7,570
At Kimbell Road	8.34	2,520	3,980	4,760	7,100
At Owens Road	4.44	1,630	2,520	3,030	4,400
About 1.0 mile upstream of Owns Road	2.20	830	1,270	1,480	2,100
About 1.2 miles downstream of Seven Springs Road	1.42	610	910	1,120	1,550
About 4,200 feet downstream of Seven Springs Road	0.61	370	530	620	810
RHODES CREEK TRIBUTARY 1					
At the confluence with Rhodes Creek	0.41	*	*	502	*
RHODES CREEK TRIBUTARY 2					
At the confluence with Rhodes Creek	0.34	*	*	481	*
RHODES CREEK TRIBUTARY 4					
At confluence with Rhodes Creek	1.55	*	*	1,347	*
Approximately 400 feet downstream of Wynndale Road	0.72	*	*	753	*
Approximately 700 feet downstream of Dac Lane	0.30	*	*	445	*
RHODES CREEK TRIBUTARY 5					
At the confluence with Rhodes Creek	1.50	*	*	1,088	*
Approximately 2000 feet upstream of the confluence with Rhodes Creek	1.38	*	*	1,073	*
RHODES CREEK TRIBUTARY 6					
At the confluence with Rhodes Creek	1.49	*	*	1,172	*
ROBERTSON CREEK					
At the confluence with Rhodes Creek	4.63	*	*	2,565	*
Approximately 0.4 miles upstream of Flowers Road	2.65	*	*	1,740	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
SMITH CREEK					
At the confluence with Bakers Creek	9.14	2,183	3,499	4,253	6,804
At the confluence of Smith Creek Tributary 1	4.63	1,449	2,255	2,681	4,154
Upstream of confluence of Smith Creek Tributary 1	2.88	1,088	1,659	1,943	2,944
SMITH CREEK TRIBUTARY 1					
At the confluence with Smith Creek	1.75	806	1,203	1,386	2,051
SMITH CREEK TRIBUTARY 2					
At the confluence with Smith Creek	0.61	427	609	678	955
SMITH CREEK TRIBUTARY 3					
At the confluence with Smith Creek Tributary 1	0.74	483	696	790	1,130
SMITH CREEK TRIBUTARY 4					
Confluence with Smith Creek	0.52	*	*	615	*
SNAKE CREEK					
At the confluence with Bakers Creek	15.57	2,217	3,586	4,352	7,014
At the Natchez Trace Parkway	12.40	2,145	3,441	4,160	6,649
At Railroad	9.10	2,050	3,253	3,912	6,183
At State Highway 18	5.10	*	*	3,582	*
At the confluence with Snake Creek Tributary 1	1.38	*	*	1,392	*
SNAKE CREEK TRIBUTARY 1					
At the confluence with Snake Creek	0.85	*	*	901	*
STRAIGHT FENCE CREEK					
At Williamson Road	5.70	2,090	3,400	4,330	5,700
About 4,000 feet upstream of Williamson Road	4.50	1,800	2,860	3,600	4,860
At Tinnin Road	3.45	1,520	2,320	2,900	4,000
About 1.1 miles downstream of Pinehaven Drive	1.90	1,000	1,500	1,860	2,740
STRAIGHT FENCE CREEK TRIBUTARY 1					
At the confluence with Straight Fence Creek	2.47	*	*	1,663	*
At Clinton-Tinnin Road	1.40	*	*	1,462	*
STRAIGHT FENCE CREEK TRIBUTARY 1-1					
At the confluence with Straight Fence Creek Tributary 1	0.37	*	*	380	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
STRAIGHT FENCE CREEK TRIBUTARY 2					
At the confluence with Straight Fence Creek	6.45	*	*	3,343	*
Approximately 0.6 miles upstream of McGuffee Road	4.50	*	*	2,885	*
STRAIGHT FENCE CREEK TRIBUTARY 2-1					
At the confluence with Straight Fence Creek Tributary 2	1.21	*	*	1,230	*
STRAIGHT FENCE CREEK TRIBUTARY 3					
At the confluence with Straight Fence Creek	2.41	*	*	1,548	*
At the confluence of Straight Fence Creek Tributary 3-1	0.66	*	*	624	*
STRAIGHT FENCE CREEK TRIBUTARY 3-1					
At the confluence with Straight Fence Creek Tributary 3	0.56	*	*	587	*
STRAIGHT FENCE CREEK TRIBUTARY 4					
At the confluence with Straight Fence Creek	0.64	*	*	611	*
STRAIGHT FENCE CREEK TRIBUTARY 5					
At the confluence with Straight Fence Creek	1.60	*	*	1,297	*
At the confluence of Straight Fence Creek Tributary 5-1	0.91	*	*	867	*
STRAIGHT FENCE CREEK TRIBUTARY 5-1					
At the confluence with Straight Fence Creek Tributary 5	0.38	*	*	463	*
STRAIGHT FENCE CREEK TRIBUTARY 6					
At the confluence of Straight Fence Creek	2.90	*	*	2,056	*
Approximately 300 feet upstream of Williamson Road	1.55	*	*	1,251	*
Approximately 0.1 miles upstream of the confluence of Straight Fence Creek Tributary 6-2	1.08	*	*	1,215	*
STRAIGHT FENCE CREEK TRIBUTARY 6-1					
At the confluence with Straight Fence Creek Tributary 6	1.15	*	*	1,052	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
STRAIGHT FENCE CREEK TRIBUTARY 6-2					
At the confluence with Straight Fence Creek Tributary 6	0.19	*	*	259	*
STRAIGHT FENCE CREEK TRIBUTARY 7					
At the confluence with Straight Fence Creek	0.48	*	*	585	*
STREAM B					
Approximately 0.3 miles upstream of the confluence with Limekiln Creek	13.93	*	*	5,184	*
At the confluence of Stream B Tributary 2	10.00	*	*	4,249	*
STREAM B TRIBUTARY 1					
At the confluence with Stream B	0.34	*	*	418	*
STREAM B TRIBUTARY 2					
At the confluence with Stream B	2.58	*	*	1,500	*
STREAM 1					
At the Town of Bolton Corporate Limits	0.90	399	589	715	1,065
At Brownsville Road	0.80	363	534	648	960
At the Limit of Detailed Study	0.44	227	326	393	569
STREAM 2					
At the Town of Bolton Corporate Limits	0.31	173	244	293	419
At Lowery Street	0.23	136	190	229	322
At Brownsville Road	0.14	92	126	151	209
TERRELL CREEK					
At the confluence with Fourteen Mile Creek	20.79	*	*	8,256	*
At the confluence of Bitter Creek	11.27	*	*	6,995	*
Approximately 0.6 miles upstream of Brown Loan Road	2.04	*	*	1,752	*

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
TOWN CREEK					
At mouth	13.74	4,610	6,340	7,240	8,080
At Gallatin Street	11.43	4,090	5,160	5,600	6,610
At confluence of Town Creek Tributary 4	8.96	3,220	4,430	5,080	6,530
At confluence of Town Creek Tributary 5	6.71	2,450	3,670	4,410	6,040
At Woodrow Wilson Avenue	4.34	1,640	2,560	3,120	4,590
About 4,100 feet upstream of Bullard Street	3.45	1,400	2,180	2,640	3,680
At confluence of Town Creek Tributary 2	2.31	1,020	1,590	1,920	2,600
At Northside Drive	1.24	580	850	1,050	1,740
At U.S. Interstate 20	0.45	240	330	440	610
TOWN CREEK TRIBUTARY 2					
At mouth	0.69	860	1,220	1,370	1,760
TOWN CREEK TRIBUTARY 3					
At mouth	2.22	1,840	2,600	2,920	3,760
At Woodrow Wilson Avenue	1.31	1,440	2,030	2,280	2,940
At Railroad	0.71	560	820	970	1,330
At Mitchell Avenue	0.38	330	480	560	750
TOWN CREEK TRIBUTARY 4					
At mouth	1.81	2,000	2,830	3,170	4,090
At Medgar Evers Boulevard	1.29	1,460	2,060	2,310	2,980
At Ridgeway Street	0.67	750	1,050	1,180	1,520
At Walter “Dutch” Welch Drive	0.28	310	430	490	630
TOWN CREEK TRIBUTARY 5					
At mouth	1.82	1,930	2,720	3,050	3,930
At Medgar Evers Boulevard	0.82	1,280	1,800	2,020	2,600
At Northside Drive	0.51	360	510	570	740
At Railroad	0.19	150	220	240	310
TRAHON CREEK					
At the confluence with the Pearl River	10.48	3,600	5,000	5,600	7,100
At the confluence of Trahon Creek Tributary 2	8.83	3,200	4,500	5,050	6,750
At Terry Road	5.63	2,600	3,750	4,410	5,250
At the City of Jackson Corporate Limits	5.57	2,330	3,680	4,100	5,910
At the confluence of Trahon Creek Tributary 3	3.59	2,100	2,950	3,400	4,300
Upstream of the confluence of Trahon Creek Tributary 3	2.71	1,800	2,600	2,880	3,700
At McCluer Road	0.98	570	830	960	1,370
TRAHON CREEK TRIBUTARY 2					
At the confluence with Trahon Creek	2.04	699	1,069	1,247	1,892
At U.S. Interstate 55	1.84	675	1,027	1,210	1,833
At Henderson Road	0.32	193	273	319	452

* Data Not Available

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
TRAHON CREEK TRIBUTARY 3					
At the confluence with Trahon Creek	0.89	*	*	892	*
TURKEY CREEK					
At the confluence with Fourteen Mile Creek	21.26	*	*	7,096	*
At the confluence of Turkey Creek Tributary 1	7.03	*	*	3,804	*
At State Highway 467	1.58	*	*	1,371	*
TURKEY CREEK TRIBUTARY 1					
At the confluence with Turkey Creek	4.63	*	*	2,798	*
At State Highway 467	2.06	*	*	1,598	*
TURKEY CREEK TRIBUTARY 2					
At the confluence with Turkey Creek	1.45	*	*	1,293	*
TWELVE MILE CREEK					
At the confluence with Fourteen Mile Creek	10.42	*	*	5,444	*
Approximately 0.9 miles downstream of Old Port Gibson Road	7.11	*	*	4,694	*
At the confluence of Twelve Mile Creek Tributary 1	2.64	*	*	2,069	*
TWELVE MILE CREEK TRIBUTARY 1					
At the confluence with Twelve Mile Creek	2.38	*	*	1,821	*
TWIN LAKES CREEK G					
At Lake Circle	0.77	1,390	1,940	2,230	2,840
At Meadowbrook Road	0.62	1,160	1,610	1,850	2,480
At Parkridge Drive	0.50	980	1,360	1,550	2,040
At Ridgewood Road	0.35	760	1,040	1,180	1,540
At Kimwood Drive	0.20	480	650	730	930
VAUGHN CREEK					
Approximately 2.3 miles upstream of the confluence with the Pearl River	13.43	*	*	5,103	*
Approximately 3.3 miles upstream of the confluence with the Pearl River	12.32	*	*	4,867	*
At downstream Limit of Detailed Study	11.46	2,796	4,474	5,322	8,450
At Railroad	7.97	2,293	3,624	4,318	6,785
At U.S. Interstate 55	7.12	2,156	3,395	4,046	6,338
Approximately 100 feet upstream of the confluence of Vaughn Creek Tributary 2	1.39	*	*	1,242	*

TABLE 5 – SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. mi.)	PEAK DISCHARGES (cfs) 10-percent	2-percent	1-percent	0.2-percent
VAUGHN CREEK TRIBUTARY 1					
Just upstream of the confluence with Vaughn Creek	2.71	*	*	1,614	*
Approximately 0.9 miles upstream of the confluence with Vaughn Creek	2.07	*	*	1,387	*
Approximately 1.6 miles upstream of the confluence with Vaughn Creek	0.95	*	*	942	*
VAUGHN CREEK TRIBUTARY 1-1					
Approximately 0.5 miles upstream of the confluence with Vaughn Creek Tributary 1	0.71	*	*	703	*
Approximately 0.8 miles upstream of the confluence with Vaughn Creek Tributary 1	0.43	*	*	507	*
VAUGHN CREEK TRIBUTARY 2					
At the Corporate Limits	0.31	209	294	338	473
At Beasley Road	0.27	191	265	303	421
At Cross Section C	0.19	150	205	231	314
VAUGHN CREEK TRIBUTARY 3					
At the confluence with Vaughn Creek	3.96	*	*	2,330	*
Approximately 1000 feet downstream of the confluence of Vaughn Creek Tributary 2-2	1.61	*	*	1,268	*
VAUGHN CREEK TRIBUTARY 3-1					
At the confluence with Vaughn Creek Tributary 2	0.88	*	*	780	*
VAUGHN CREEK TRIBUTARY 3-2					
At the confluence with Vaughn Creek Tributary 2	0.38	*	*	444	*

* Data Not Available

3.2 Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the sources studied were carried out to provide estimates of the elevations of floods of the selected recurrence intervals. Users should be aware that flood elevations shown on the Flood Insurance Rate Map (FIRM) represent rounded whole-foot elevations and may not exactly reflect the elevations shown on the Flood Profiles or in the Floodway Data table in the FIS report. Flood elevations shown on the FIRM are primarily intended for flood insurance rating purposes. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS report in conjunction with the data shown on the FIRM.

Locations of selected cross sections used in the hydraulic analyses are shown on the Flood Profiles (Exhibit 1) and on the FIRM (Exhibit 2).

Areas of the community protected by levees are subject to potential risk due to possible failure or overtopping of the levee. These areas were delineated by applying the 1-year percent annual chance flood elevation determined from the "levee in place" analysis.

The hydraulic analyses for this countywide FIS were based on unobstructed flow. The flood elevations shown on the Flood Profiles (Exhibit 1) are thus considered valid only if hydraulic structures remain unobstructed, operate properly, and do not fail.

Qualifying bench marks within a given jurisdiction that are cataloged by the National Geodetic Survey (NGS) and entered into the National Spatial Reference System (NSRS) as First or Second Order Vertical and have a vertical stability classification of A, B, or C are shown and labeled on the FIRM with their 6-character NSRS Permanent Identifier.

Benchmarks cataloged by the NGS and entered into the NSRS vary widely in vertical stability classification. NSRS vertical stability classifications are as follows:

> Stability A: Monuments of the most reliable nature, expected to hold position/elevation well (e.g., mounted in bedrock)
>
> Stability B: Monuments which generally hold their position/elevation well (e.g., concrete bridge abutment)
>
> Stability C: Monuments which may be affected by surface ground movements (e.g., concrete monuments below frost line)
>
> Stability D: Mark of questionable or unknown vertical stability (e.g., concrete monument above frost line, or steel witness post)

In addition to NSRS bench marks, the FIRM may also show vertical control monument established by a local jurisdiction; these monuments will be shown on the FIRM with the appropriate designations. Local monuments will only be placed on the FIRM if the community has requested that they be included, and if the monuments meet the aforementioned NSRS inclusion criteria.

To obtain current elevation, description, and/or location information for benchmarks shown on the FIRM for this jurisdiction, please contact the Information Services Branch of the NGS at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov.

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the Technical Support Data Notebook associated with the FIS report and FIRM. Interested individuals may contact FEMA to access this data.

Precountywide FIS Analyses

The Cities of Clinton and Jackson, the Towns of Bolton and Terry, and the unincorporated areas of Hinds County have previously published FIS reports. The hydraulic analyses described in those reports have been compiled and are summarized below.

Hinds County (Unincorporated Areas) FIS September 3, 1992

Cross sections of stream channels and bottom lands were surveyed, and bridge and culvert waterway openings were measured in the field following reconnaissance of the study areas by engineers.

With stream characteristics determined by field observation, flood profiles for the streams studied in detail were computed using the standard step-backwater method and Water-Surface Profiles computer program (HEC-2) developed by the USACE (USACE, 1973). Starting water-surface elevations for all creeks were developed by the slope-area method.

Roughness coefficients (Mannings "n") used in the cmputations were determined through field surveys, and ranged from 0.012 to 0.065 for channels and from 0.07 to 0.28 for the overbanks.

City of Jackson FIS June 16, 1999

Water surface elevations of floods of the selected recurrence intervals were computed using the USACE HEC-2 step-backwater computer program (USACE, 1973). Starting water-surface elevations were developed by slope-conveyance methods. Flood profiles were drawn showing computed water-surface elevations for floods of the selected recurrence intervals.

Starting water-surface elevations for White Oak Creek were obtained from cross-section A of the effective model.

Roughness factors (Manning's "n") used in the hydraulic computations were assigned on the basis of field inspection of the floodplain areas and from previous studies by the USACE (USACE 1968-1975). In the original, April 1, 1980, FIS, for the Pearl River, the "n" values ranged from 0.02 to 0.06 in the channels and from 0.06 to 0.25 for the overbanks. In the December 16, 1988, revision, for Hanging Moss Creek Tributary 5-2, roughness values ranged from 0.045 to 0.06 for the channel and form 0.10 to 0.11 for the overbanks. For Purple Creek, roughness values ranged from 0.035 to 0.06 for the channel and 0.06 to 0.20 for the overbanks. In the April 4, 1994, revision, the revised "n" values for the streams studied in detail ranged from 0.013 to 0.08 for the channels and from 0.04 to 0.20 for the overbanks. For this revision, the overbank "n" values for White Oak Creek ranged form 0.06 to 0.125 and the channel "n" values ranged from 0.04 to 0.06.

The hydraulic analyses for this study were based on unobstructed flow. The flood elevations shown on the profiles are thus considered valid only if hydraulic structures remain unobstructed, operate properly, and do not fail.

City of Clinton FIS February 17, 1981

Water-surface elevations of floods of the selected recurrence intervals were computed by using the USACE HEC-2 step-backwater program (USACE, 1973).

Cross sections for the backwater analyses of the streams were obtained from field measurements. All bridges and culverts were surveyed to obtain elevation data and structural geometry.

Roughness factors (Manning's "n") used in the hydraulic computations were chosen by engineering judgment and based on field observations of the streams and flood plain areas. Roughness values for the main channel of Bakers Creek ranged from 0.050 to 0.055, and flood plain roughness values ranged form 0.085 to 0.150 for all floods.

Roughness values for the main channels of tributaries of Bakers Creek ranged from 0.050 to 0.060 and floodplain roughness values ranged from 0.100 to 0.150. Roughness values for the main channel of Lindsey Creek ranged from 0.040 to 0.060, and floodplain values ranged form 0.100 to 0.200.

Town of Bolton FIS June 1977

Cross sections of stream channels and bottom lands were surveyed, and bridge and culvert waterway openings were measured in the field following reconnaissance of the study areas. Several road profiles were obtained from the Mississippi State Highway Department and correlated with field information for use in the study.

With stream characteristics determined by field observation, flood profiles were computed using the HEC-2 computer step-backwater model developed by the USACE. Starting water-surface elevations for all streams were developed using the slope-area method. Roughness coefficients (Manning's "n") used in the computations ranged from 0.025 to 0.06 in the channel and 0.075 to 0.15 in the overbanks for the streams within the corporate limits.

Town of Terry FIS November 4, 1992

With stream characteristics determined by field observation, flood profiles were computed using the HEC-2 computer step-backwater model developed by the USACE (USACE, 1973). Starting water surface elevations for all creeks were developed by the slope area method. Roughness coefficients (Manning's "n") used in the computations ranged from 0.02 to 0.15 for the streams within the corporate limits.

Countywide Analyses

Cross section geometries were obtained from a combination of digital terrain data developed from LiDAR products, and field surveys. Bridges and culverts located within the detailed study limits were field surveyed to obtain elevation data and structural geometry.

Downstream boundary conditions for the hydraulic models were set to normal depth using a starting slope calculated from values taken from topographic data, or where applicable, derived from the water-surface elevations. Water-surface profiles were computed through the use of the U.S. Army Corps of Engineers (USACE) HEC-RAS version 3.1.2 computer program (USACE, 2002). The model was run for the 1-percent annual chance storm for the detailed and approximate studies.

Channel roughness factors (Manning's "n" values) used in the hydraulic computations for both channel and overbank areas were based on recent digital orthophotography and field investigations.
Table 6, "Summary of Roughness Coefficients," shows the ranges of the channel and overbank roughness factors used in the computations for all of the streams studied by detailed and limited detail methods.

TABLE 6 – SUMMARY OF ROUGHNESS COEFFICIENTS

FLOODING SOURCE	CHANNEL "N"	OVERBANK "N"
Bakers Creek	0.05	0.16
Bakers Creek Tributary 1	0.05	0.16
Bakers Creek Tributary 2-1	0.05	0.17
Bitter Creek	0.05	0.15
Big Black River	0.055	0.14-0.18
Big Creek	0.05	0.15
Big Creek Tributary 4	0.047	0.13
Bogue Chitto Creek	0.04-0.05	0.10-0.12
Bogue Chitto Creek Tributary 2	0.045-0.05	0.12-0.15
Bogue Chitto Creek Tributary 3	0.045-0.05	0.12-0.15
Bogue Chitto Creek Tributary 4	0.05	0.12-0.15
Bogue Chitto Creek Tributary 5	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 6	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 6-1	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 7	0.045-0.10	0.10-0.15
Bogue Chitto Creek Tributary 8	0.04-0.055	0.12-0.15
Bogue Chitto Creek Tributary 8-1	0.045	0.10-0.15
Bogue Chitto Creek Tributary 9	0.04-0.05	0.10-0.15
Bogue Chitto Creek Tributary 9-1	0.035-0.04	0.10-0.15
Bogue Chitto Creek Tributary 9-2	0.035-0.04	0.10-0.15
Bogue Chitto Creek Tributary 9-3	0.045-0.05	0.10-0.15
Bogue Chitto Creek Tributary 9-4	0.04-0.045	0.10-0.15
Bogue Chitto Creek Tributary 10	0.05	0.12
Bogue Chitto Creek Tributary 11	0.045-0.05	0.12-0.15
Bogue Chitto Creek Tributary 12	0.04	0.10-0.15
Bogue Chitto Creek Tributary 13	0.045-0.05	0.10-0.12
Bogue Chitto Creek Tributary 14	0.035-0.04	0.10-0.12
Bogue Chitto Creek Tributary 15	0.045	0.10-0.15
Brown Creek	0.05	0.17
Chestnut Creek Tributary 1	0.05	0.15
Chestnut Creek Tributary 3	0.05	0.15
Fleetwood Creek	0.05	0.13
Fleetwood Creek Tributary 1	0.05	0.13
Fleetwood Creek Tributary 2	0.05	0.13
Fleetwood Creek Tributary 3	0.05	0.13
Fleetwood Creek Tributary 4	0.05	0.13
Fourteen Mile Creek	0.055	0.165
Fourteen Mile Creek Tributary 1	0.055	0.13
Fourteen Mile Creek Tributary 2	0.05	0.13
French Creek	0.05	0.16
French Creek Tributary 1	0.04	0.12-0.17
French Creek Tributary 2	0.05	0.12-0.17
French Creek Tributary 3	0.05	0.17

TABLE 6 – SUMMARY OF ROUGHNESS COEFFICIENTS

FLOODING SOURCE	CHANNEL "N"	OVERBANK "N"
French Creek Tributary 4	0.05	0.17
Hanging Moss Creek Tributary 1	0.05	0.15-0.17
Hanging Moss Creek Tributary 2	0.05	0.14
Hanging Moss Creek Tributary 3	0.045	0.12
Hanging Moss Creek Tributary 5-1	0.044	0.15
Harris Creek	0.05-0.054	0.13-0.15
Harris Creek Tributary 1	0.05	0.13-0.15
Jackson Creek	0.05	0.15
Lindsey Creek	0.05-0.06	0.17-0.2
Lindsey Creek Tributary 1	0.05	0.15
Lindsey Creek Tributary 2	0.05	0.14
Lindsey Creek Tributary 4	0.05	0.15
Limekiln Creek	0.04-0.055	0.10-0.15
Limekiln Creek Tributary 1	0.04-0.05	0.10-0.15
Limekiln Creek Tributary 1-1	0.05-0.06	0.15
Limekiln Creek Tributary 2	0.045-0.05	0.10-0.15
Limekiln Creek Tributary 2-1	0.04-0.05	0.10-0.15
Limekiln Creek Tributary 3	0.04-0.05	0.12-0.15
Limekiln Creek Tributary 4	0.045-0.05	0.10-0.15
Limekiln Creek Tributary 4-1	0.045	0.12-0.15
Little Bakers Creek	0.06	0.16
Little Bakers Creek Tributary 1	0.05	0.15
Little Bakers Creek Tributary 2	0.05	0.17
Little Bakers Creek Tributary 7	0.05	0.16
Little Bakers Creek Tributary 7-1	0.05	0.16
Little Breek Creek Tributary 9	0.04	0.16
Little Bakers Creek Tributary 11	0.05	0.17
Little Bakers Creek Tributary 12	0.05	0.16
Little Creek	0.054	0.17-0.18
Lynch Creek Tributary 5-1	0.05	0.17
McDonald Creek	0.05	0.15
Patrol Creek	0.05	0.17
Pearl River Tributary 1	0.05	0.13-0.15
Pearl River Tributary 2	0.047	0.12
Rhodes Creek	0.05	0.15
Rhodes Creek Tributary 1	0.05	0.18
Rhodes Creek Tributary 2	0.045	0.12-0.13
Rhodes Creek Tributary 4	0.05	0.15-0.16
Rhodes Creek Tributary 5	0.05	0.14-0.16
Rhodes Creek Tributary 6	0.05	0.16-0.18
Robertson Creek	0.05	0.13
Smith Creek Tributary	0.05	0.17
Snake Creek	0.05	0.15

TABLE 6 – SUMMARY OF ROUGHNESS COEFFICIENTS

FLOODING SOURCE	CHANNEL "N"	OVERBANK "N"
Snake Creek Tributary 1	0.04	0.12-0.17
Straight Fence Creek	0.05	0.14
Straight Fence Creek Tributary 1	0.035-0.04	0.10-0.12
Straight Fence Creek Tributary 1-1	0.05	0.13-0.15
Straight Fence Creek Tributary 2	0.0.4-0.05	0.12-0.15
Straight Fence Creek Tributary 2-1	0.04	0.10-0.15
Straight Fence Creek Tributary 3	0.04-0.045	0.10-0.12
Straight Fence Creek Tributary 3-1	0.04	0.10-0.12
Straight Fence Creek Tributary 4	0.045	0.13
Straight Fence Creek Tributary 5	0.035-0.45	0.10-0.12
Straight Fence Creek Tributary 5-1	0.04	0.10-0.15
Straight Fence Creek Tributary 6	0.047	0.17
Straight Fence Creek Tributary 6-1	0.05	0.18
Straight Fence Creek Tributary 6-2	0.05	0.15
Straight Fence Creek Tributary 7	0.045	0.13
Terrell Creek	0.06	0.17
Town Creek	0.05	0.15
Trahon Creek Tributary 3	0.04	0.12
Turkey Creek	0.05	0.15
Turkey Creek Tributary 1	0.05	0.15
Turkey Creek Tributary 2	0.05	0.15
Twelvemile Creek	0.06	0.17
Twelvemile Creek Tributary 1	0.05	0.16
Vaughn Creek	0.05	0.15
Vaughn Creek Tributary 1	0.05	0.12-0.15
Vaughn Creek Tributary 1-1	0.05	0.13
Vaughn Creek Tributary 3	0.05	0.15
Vaughn Creek Tributary 3-1	0.047	0.13
Vaughn Creek Tributary 3-2	0.046	0.12-0.14
White Oak Creek	0.05	0.16

3.3 Vertical Datum

All FIS reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum in use for newly created or revised FIS reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the finalization of the North American Vertical Datum of 1988 (NAVD88), many FIS reports and FIRMs are being prepared using NAVD88 as the referenced vertical datum.

All flood elevations shown in this FIS report and on the FIRM are referenced to NAVD88. Structure and ground elevations in the community must, therefore, be

referenced to NAVD88. It is important to note that adjacent communities may be referenced to NGVD29. This may result in differences in Base Flood Elevations (BFEs) across the corporate limits between the communities.

The elevations shown in the FIS report and on the FIRM for Hinds County are referenced to NAVD88. Ground, structure, and flood elevations may be compared and/or referenced to NGVD29 by applying a conversion factor. To convert elevations from NAVD88 to NGVVD29, add 0.15 feet to the NAVD88 elevation. The 0.15 feet value is an average for the entire county. The BFEs shown on the FIRM represent whole-foot rounded values. For example, a BFE of 12.4 feet will appear as 12 feet on the FIRM, and 12.6 feet as 13 feet. Users who wish to convert the elevations in this FIS report to NGVD29 should apply the stated conversion factor to elevations shown on the Flood Profiles and supporting data tables in the FIS report, which are shown at a minimum to the nearest 0.1 foot.

For more information regarding conversion between the NGVD and NAVD, see the FEMA publication entitled *Converting the National Flood Insurance Program to the North American Vertical Datum of* 1988 (FEMA, June 1992), or contact the Vertical Network Branch, National Geodetic Survey, Coast and Geodetic Survey, National Oceanic and Atmospheric Administration, Rockville, Maryland 20910 (Internet address http://www.ngs.noaa.gov).

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the Technical Support Data Notebook associated with the FIS report and FIRM. Interested individuals may contact FEMA to access this data.

4.0 FLOODPLAIN MANAGEMENT APPLICATIONS

The NFIP encourages State and local governments to adopt sound floodplain management programs. Therefore, each FIS provides 1-percent annual chance flood elevations and delineation of the 1-percent annual chance floodplain boundary to assist communities in developing floodplain management measures. This information is presented on the FIRM and in many components of the FIS report, including Flood Profiles, Floodway Data Table and Summary of Stillwater Elevations Table. Users should reference the data presented in the FIS report as well as additional information that may be available at the local map repository before making flood elevation and/or floodplain boundary determinations.

4.1 Floodplain Boundaries

To provide a national standard without regional discrimination, the 1-percent annual chance flood has been adopted by FEMA as the base flood for floodplain management purposes. The 1-percent annual chance floodplain boundary is shown on the FIRM (Exhibit 2. On this map, the 1-percent annual chance floodplain boundary corresponds to the boundary of the areas of special flood hazards (Zones A and AE). Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

For this study, a digital terrain model produced from LiDAR bare-earth points data from the State of Mississippi was used to delineate the floodplain boundaries for the detailed and approximate studies.

4.2 Floodways

Encroachment on floodplains, such as structures and fill, reduces flood-carrying capacity, increases flood heights and velocities, and increases flood hazards in areas beyond the encroachment itself. One aspect of floodplain management involves balancing the economic gain from floodplain development against the resulting increase in flood hazard. For purposes of the NFIP, a floodway is used as a tool to assist local communities in this aspect of floodplain management. Under this concept, the area of the 1-percent annual chance floodplain is divided into a floodway and a floodway fringe. The floodway is the channel of a stream, plus any adjacent floodplain areas, that must be kept free of encroachment so that the 1-percent annual chance flood can be carried without substantial increases in flood heights. Minimum Federal standards limit such increases to 1.0 foot, provided that hazardous velocities are not produced.

The results of the floodway computations have been tabulated for selected cross sections of detailed study streams (Table 5). In cases where the floodway and 1-percent annual chance floodplain boundaries are either close together or collinear, only the floodway boundary is shown.

Near the mouth of streams studied in detail, floodway computations are made without regard to flood elevations on the receiving water body. Therefore, “Without floodway” elevations presented in Table 7, “Floodway Data,” for certain downstream cross sections are lower than regulatory flood elevations in that area, which must take into account the 1-percent annual chance flooding due to backwater from other sources.

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
ALLEN CREEK								
A	2,040	413	2,252	0.60	284.1	284.1	285.1	1.0
B	3,300	111	222	5.32	285.4	285.4	286.1	0.7
C	4,950	147	522	2.24	294.8	294.8	295.8	1.0
D	6,740	32	170	5.52	302.0	302.0	302.3	0.3
E	7,430	111	586	0.60	310.0	310.0	310.0	0.0
F	7,950	10	63	5.60	310.0	310.0	310.0	0.0
G	8,480	27	76	3.40	314.4	314.4	314.6	0.2
ALLEN CREEK TRIBUTARY								
A	450	37	149	5.2	310.0	305.8[2]	305.8	0.0
B	980	32	84	9.2	310.0	308.0[2]	308.0	0.0
C	1,579	36	70	10.1	315.9	315.9[2]	315.9	0.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM ALLEN CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

ALLEN CREEK – ALLEN CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BAKERS CREEK								
E	111,440	987	5,099	2.3	205.3	205.3	206.2	0.9
F	112,440	383	2,246	5.3	207.9	207.9	207.9	0.0
G	113,090	878	6,071	2.0	208.7	208.7	209.3	0.6
H	114,305	828	4,051	3.0	209.4	209.4	210.3	0.9
I	116,705	1,633	12,196	1.0	210.8	210.8	211.7	0.9
J	119,105	2,289	4,042	0.9	211.7	211.7	212.7	1.0
K	121,928	459	11,202	2.8	216.4	216.4	216.4	0.0
L	124,475	1,499	7,309	1.0	216.9	216.9	217.3	0.4
M	127,825	1,616	18,124	1.5	217.4	217.4	218.3	0.9
N	131,975	3,104	13,762	0.6	218.6	218.6	219.5	0.9
O	134,875	2,874	9,707	0.7	219.0	219.0	220.0	1.0
P	138,775	2,048	7,783	1.0	220.7	220.7	221.5	0.8
Q	142,475	1,734	7,549	1.2	222.6	222.6	223.6	1.0
R	146,175	1,739	6,527	1.3	225.5	225.5	226.5	1.0
S	153,375	1,165	12,137	1.3	230.3	230.3	231.3	1.0
T	157,875	2,269	6,126	0.7	231.8	231.8	232.8	1.0
U	160,575	2,131	8,090	1.4	233.4	233.4	234.4	1.0
V	166,550	1,505	2,367	1.1	237.1	237.1	238.1	1.0
W	169,834	304	6,117	3.2	241.8	241.8	242.4	0.6
X	170,466	517	6,515	1.2	243.7	243.7	244.4	0.7
Y	176,016	1,059	5,322	1.1	244.7	244.7	245.6	0.9

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BAKERS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BAKERS CREEK (CONTINUED)								
Z	184,546	1,211	5,322	1.2	249.2	249.2	250.2	1.0
AA	185,371	303	2,100	3.0	251.1	251.1	251.8	0.7
AB	192,726	1,413	4,753	1.2	257.9	257.9	258.9	1.0
AC	194,266	1,055	5,344	1.0	259.2	259.2	260.2	1.0
AD	196,636	726	1,985	2.8	261.7	261.7	262.6	0.9
AE	199,886	975	5,617	0.9	264.7	264.7	265.7	1.0
AF	202,786	611	2,641	2.35	266.8	266.8	267.7	0.9
AG	206,116	457	2,363	2.62	273.8	273.8	274.7	0.9
AH	209,583	802	6,103	0.98	282.8	282.8	283.7	0.9
AI	212,061	1833	13,988	0.43	283.2	283.2	284.1	0.9
AJ	215,703	620	3,514	1.26	293.3	293.3	294.2	0.9
AK	216,723	470	2,162	2.05	294.8	294.8	295.7	0.9
AL	217,189	299	1,303	2.38	295.9	295.9	296.9	1.0
AM	217,629	262	1,528	2.03	296.5	296.5	297.5	1.0
AN	219,589	215	1,014	3.10	300.7	300.7	301.3	0.6
AO	221,189	96	588	5.30	305.5	305.5	306.2	0.7

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BAKERS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BAKERS CREEK TRIBUTARY 2								
A	7,483	508	1,973	1.2	246.2	246.2	247.2	1.0
B	9,833	46	241	8.2	248.6	248.6	248.6	0.0
C	11,009	285	789	2.5	253.0	253.0	253.9	0.9
D	12,409	291	1,336	1.3	256.1	256.1	256.8	0.7
E	13,629	164	577	2.9	257.2	257.2	258.2	1.0
F	14,149	107	519	3.3	258.8	258.8	259.7	0.9
G	15,575	113	378	3.6	262.3	262.3	262.6	0.3
H	16,204	144	385	3.5	264.7	264.7	264.9	0.2
I	18,204	60	341	4.0	269.7	269.7	269.8	0.1
J	20,454	253	326	3.3	282.6	282.6	282.6	0.0
K	21,354	152	422	2.5	289.8	289.8	290.7	0.9
L	22,385	57	262	2.9	293.6	293.6	294.1	0.5
M	23,085	80	353	2.1	294.8	294.8	295.6	0.8
BELHAVEN CREEK								
A	2,059	69	453	5.50	276.9	267.5[2]	268.4	0.9
B	3,273	228	3,004	0.83	277.5	277.5	278.3	0.8
C	4,488	117	603	3.28	278.5	278.5	279.4	0.9
D	5,016	31	124	5.81	279.6	279.6	280.5	0.9

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BAKERS CREEK TRIBUTARY 2 – BELHAVEN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BIG CREEK								
A	4,157	84	1,114	6.9	261.4	246.5[2]	246.6	0.1
B	5,115	82	1,079	7.1	261.4	249.2[2]	249.6	0.4
C	7,095	525	4,652	1.7	261.4	251.1[2]	251.8	0.7
D	8,465	346	2,542	3.0	261.4	251.7[2]	252.5	0.8
E	12,865	320	2,217	3.5	261.4	257.1[2]	258.0	0.9
F	13,405	320	1,878	4.1	261.4	258.4[2]	259.3	0.9
G	15,877	331	3,271	2.4	261.4	260.9[2]	261.8	0.9
H	18,777	246	2,180	3.5	262.9	262.9	263.9	1.0
I	20,527	227	1,737	4.4	265.2	265.2	266.1	0.9
J	21,855	252	2,391	3.2	267.8	267.8	268.7	0.9
K	23,925	365	2,709	2.8	269.4	269.4	270.2	0.8
L	28,875	545	3,005	2.6	273.3	273.3	274.1	0.8
M	31,275	329	2,243	3.0	278.4	278.4	279.2	0.8
N	32,775	334	2,389	2.3	280.7	280.7	281.4	0.7
O	34,975	500	3,528	1.5	282.1	282.1	282.4	0.3
P	37,325	459	2,552	2.1	283.4	283.4	283.4	0.0
Q	38,598	229	1,973	2.7	286.7	286.7	286.9	0.2
R	42,448	644	4,688	1.2	288.9	288.9	289.3	0.4
S	45,308	559	2,844	1.9	290.2	290.2	290.7	0.5
T	46,972	1,097	4,167	1.3	301.3	301.3	301.3	0.0
U	49,832	891	5,637	1.0	301.9	301.9	302.5	0.6
V	52,112	770	3,012	1.8	303.1	303.1	303.8	0.7

[1] FEET ABOVE CONFLUENCE WITH PEARL RIVER

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BIG CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BIG CREEK (CONTINUED)								
W	55,312	692	3,326	1.6	306.7	306.7	307.5	0.8
X	57,732	894	3,883	1.4	308.7	308.7	309.5	0.8
Y	60,382	344	1,967	2.8	312.4	312.4	312.7	0.3
Z	61,617	669	3,699	0.7	314.2	314.2	314.5	0.3
AA	64,017	309	1,083	2.5	317.5	317.5	317.9	0.4
AB	67,890	367	1,888	1.6	322.8	322.8	322.6	0.8
AC	69,510	123	459	6.7	327.1	327.1	327.1	0.0
AD	70,710	339	1,539	1.9	332.0	332.0	332.0	0.0
AE	72,650	231	472	3.1	335.9	335.9	336.3	0.4
AF	74,300	185	426	2.0	343.9	343.9	343.9	0.0
AG	76,110	242	436	2.0	351.7	351.7	351.8	0.1

[1] FEET ABOVE CONFLUENCE WITH PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BIG CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BIG CREEK TRIBUTARY 1								
A	3,763	42	443	2.6	269.5	269.5	270.1	0.6
B	4,754	56	237	4.8	276.8	276.8	276.9	0.1
C	8,158	68	572	1.9	290.8	290.8	291.1	0.3
D	9,517	35	260	4.4	295.5	295.5	296.0	0.5
E	10,989	59	478	1.8	297.8	297.8	298.2	0.4
F	12,697	18	64	11.4	302.4	302.4	302.4	0.0
G	13,421	70	192	3.5	311.8	311.8	311.9	0.1
BIG CREEK TRIBUTARY 2								
A	900	48	389	4.3	279.6	276.1[2]	276.9	0.8
B	2,760	31	296	5.6	280.4	280.4	281.4	1.0
C	5,821	212	1,150	1.4	284.6	284.6	285.5	0.9
D	7,921	124	479	3.5	285.7	285.7	286.6	0.9
E	10,631	139	517	3.2	296.6	296.6	297.4	0.8
F	12,711	187	697	2.4	302.5	302.5	303.5	1.0
G	14,965	99	522	3.2	311.4	311.4	311.5	0.1
H	17,655	224	780	2.1	315.6	315.6	316.5	0.9
I	19,525	173	643	2.6	320.7	320.7	321.6	0.9
J	21,341	193	587	1.7	325.6	325.6	326.3	0.7
K	23,122	32	146	4.7	330.0	330.0	330.0	0.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM BIG CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BIG CREEK TRIBUTARY 1 - BIG CREEK TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BIG CREEK TRIBUTARY 3								
A	2,317	196	897	2.7	314.6	314.6	315.0	0.4
B	4,017	253	857	2.7	317.8	317.8	318.4	0.6
C	5,147	149	633	2.8	322.8	322.8	323.0	0.2
D	6,997	224	715	2.4	326.4	326.4	327.3	0.9
E	8,597	162	642	2.2	328.8	328.8	329.8	1.0
F	10,063	57	269	3.2	332.4	332.4	332.6	0.2
G	11,063	56	231	3.6	334.1	334.1	334.8	0.7
H	12,513	37	241	2.9	337.2	337.2	337.9	0.7
I	14,213	78	237	2.5	344.1	344.1	344.9	0.8
J	15,213	95	180	2.8	349.8	349.8	350.0	0.2
K	16,363	66	209	1.9	353.8	353.8	354.8	1.0

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BIG CREEK TRIBUTARY 3

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BIG CREEK TRIBUTARY 5								
A	1,065	54	404	3.0	336.7	336.7	336.7	0.0
B	2,210	63	385	3.2	338.4	338.4	338.8	0.4
C	3,510	64	259	4.7	342.3	342.3	342.7	0.4
D	5,770	161	373	3.3	355.8	355.8	356.2	0.4
E	8,740	129	455	1.7	364.4	364.4	365.1	0.7
F	9,060	39	210	3.7	366.4	366.4	367.4	1.0
G	10,830	94	170	4.6	380.1	380.1	380.2	0.1
H	11,380	140	390	2.0	385.9	385.9	386.6	0.7
BIG CREEK TRIBUTARY 6								
A	1,630	57	148	4.9	365.1	365.1	365.1	0.0
B	3,550	12	37	9.6	376.5	376.5	376.5	0.0
C	6,175	70	191	1.8	402.0	402.0	403.0	1.0
BIG CREEK TRIBUTARY 7								
A	1,520	14	69	4.9	344.7	344.7	344.7	0.0
B	2,540	31	99	2.1	348.3	348.3	348.3	0.0
C	3,920	138	599	0.4	361.4	361.4	361.9	0.5

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BIG CREEK TRIBUTARY 5 – BIG CREEK TRIBUTARY 6 – BIG CREEEK TRIBUTARY 7

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BOGUE CHITTO CREEK								
J	87,758[1]	818	1936	2.3	246.2	246.2	247.2	1.0
K	92,006[1]	384	2062	2.0	254.2	254.2	254.2	0.0
L	95,887[1]	390	1426	2.2	256.9	256.9	257.8	0.9
M	97,682[1]	280	1011	3.1	260.1	260.1	261.1	1.0
N	99,107[1]	231	1402	2.2	262.8	262.8	263.7	0.9
O	100,504[1]	191	890	3.5	265.2	265.2	265.3	0.1
P	101,504[1]	195	1067	2.9	268.3	268.3	269.2	0.9
Q	103,065[1]	261	1049	3.0	276.9	276.9	277.7	0.8
R	103,867[1]	147	677	1.9	283.9	283.9	283.9	0.0
BOGUE CHITTO CREEK TRIBUTARY 1								
A	900[2]	398	1,670	1.0	253.9	253.6[3]	254.5	0.9
B	2,401[2]	380	1,064	1.6	256.1	256.1	257.0	0.9
C	4,540[2]	278	971	1.7	263.8	263.8	264.8	1.0
D	7,093[2]	308	955	1.5	271.4	271.4	271.4	0.0
E	8,151[2]	99	379	3.1	272.8	272.8	273.3	0.5
F	9,721[2]	152	574	2.0	277.3	277.3	278.0	0.7
G	11,571[2]	30	168	4.9	287.1	287.1	288.1	1.0
H	13,254[2]	25	876	0.7	302.2	302.2	302.8	0.6

[1] FEET ABOVE CONFLUENCE WITH THE COUNTY BOUNDARY
[2] FEET ABOVE CONFLUENCE WITH BOGUE CHITTO CREEK
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM BOGUE CHITTO CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BOGUE CHITTO CREEK – BOGUE CHITTO CREEK TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BOGUE CHITTO CREEK TRIBUTARY 4								
A	2,400	40	253	8.0	265.3	265.3	265.4	0.1
B	4,800	220	773	1.2	272.7	272.7	273.7	1.0
C	6,330	59	213	4.4	274.7	274.7	275.7	1.0

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BOGUE CHITTO CREEK TRIBUTARY 4

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CANY CREEK								
A	10,550	242	2,650	3.3	270.2	267.2[2]	267.3	0.1
B	11,130	300	4,790	1.8	272.9	272.9	272.9	0.0
C	13,260	400	4,880	1.8	273.1	273.1	273.4	0.3
D	15,930	484	4,012	2.0	273.6	273.6	274.0	0.4
E	18,350	353	1,710	4.2	274.8	274.8	275.3	0.5
F	20,110	450	2,875	2.5	279.2	279.2	279.5	0.3
G	21,990	480	2,099	3.4	280.8	280.8	281.7	0.9
H	23,420	474	1,951	3.3	283.5	283.5	284.5	1.0
I	26,690	240	1,010	5.6	292.5	292.5	292.7	0.2
J	28,550	240	1,286	4.4	298.8	298.8	298.8	0.0
K	30,290	160	795	5.7	302.1	302.1	302.1	0.0
L	31,780	125	851	5.3	305.3	305.3	305.3	0.0
M	33,110	76	766	4.5	307.9	307.9	308.1	0.2
N	34,090	56	395	8.7	309.3	309.3	309.4	0.1
O	34,880	64	626	4.4	314.0	314.0	314.0	0.0
P	36,770	185	546	3.7	322.5	322.5	322.7	0.2
Q	37,310	75	514	4.0	325.0	325.0	325.1	0.1
R	38,760	50	385	3.6	332.1	332.1	332.2	0.1
S	39,220	50	371	3.7	332.1	332.1	332.2	0.1
T	40,940	100	293	4.7	339.4	339.4	339.4	0.0
U	41,300	142	418	1.7	341.6	341.6	341.8	0.2

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

CANY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUBANKS CREEK								
A	3,062	150	1,594	3.76	277.9	267.2[2]	267.6	0.4
B	5,227	100	1,461	4.10	277.9	270.3[2]	270.8	0.5
C	6,230	118	1,973	2.90	277.9	271.7[2]	272.2	0.5
D	7,128	186	1,770	3.05	277.9	272.2[2]	272.7	0.5
E	8,501	79	670	6.06	277.9	273.9[2]	274.1	0.2
F	9,082	80	709	7.33	279.2	279.2	279.8	0.6
G	9,979	108	1,106	4.70	283.7	283.7	284.5	0.8
H	10,190	118	1,037	4.52	284.2	284.2	285.0	0.8
I	11,299	101	1,315	3.45	290.0	290.0	290.8	0.8
J	12,725	223	1,785	2.52	292.9	292.9	293.8	0.9
K	13,147	345	2,631	1.71	294.0	294.0	294.9	0.9
L	13,728	400	2,681	1.67	294.3	294.3	295.2	0.9
M	14,414	360	1,499	2.51	297.0	297.0	297.2	0.2
N	15,734	142	1,010	3.55	300.9	300.9	301.8	0.9
O	16,262	113	711	5.04	301.9	301.9	302.8	0.9
P	16,843	331	2,268	1.58	306.4	306.4	307.1	0.7
Q	17,107	290	2,535	1.37	306.6	306.6	307.3	0.7
R	19,536	171	1,202	2.90	311.4	311.4	311.8	0.4
S	19,800	150	1,226	2.84	312.2	312.2	312.9	0.7
T	20,486	424	2,556	0.77	314.4	314.4	314.8	0.4
U	20,750	105	689	2.57	314.6	314.6	315.1	0.5
V	21,173	175	848	1.93	316.0	316.0	316.4	0.4

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUBANKS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUBANKS CREEK (CONTINUED)								
W	21,595	105	869	1.89	318.3	318.3	319.0	0.7
X	22,018	120	870	1.89	319.0	319.0	319.5	0.5
Y	22,704	160	1,055	1.20	320.1	320.1	320.6	0.5
Z	23,126	146	688	1.47	320.5	320.5	321.2	0.7
AA	24,182	80	459	2.20	322.8	322.8	323.4	0.6
AB	25,186	36	148	2.43	325.8	325.8	326.1	0.3
AC	26,611	30	70	3.00	327.8	327.8	328.4	0.6
EUBANKS CREEK TRIBUTARY 3								
A	739	130	930	2.28	285.3	285.3	286.3	1.0
B	1,214	127	968	1.89	286.1	286.1	287.0	0.9
C	2,376	130	543	2.91	291.1	291.1	291.8	0.7
D	2,957	130	425	2.99	294.1	294.1	294.4	0.3
E	3,590	37	204	6.23	299.3	299.3	299.4	0.1
F	4,541	162	681	1.57	308.1	308.1	308.9	0.8

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUBANKS CREEK – EUBANKS CREEK TRIBUTARY 3

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUBANKS CREEK TRIBUTARY 4								
A	1,056	70	315	2.22	298.8	298.8	299.6	0.8
B	1,742	69	92	7.16	301.5	301.5	301.5	0.0
C	2,323	90	381	1.44	310.0	310.0	310.4	0.4
D	2,640	59	196	2.19	310.3	310.3	310.9	0.6
EUBANKS CREEK TRIBUTARY 5								
A	898	150	719	2.35	295.6	295.6	296.5	0.9
B	1,320	120	493	3.43	298.6	298.6	298.9	0.3
C	2,165	115	701	2.03	304.1	304.1	304.6	0.5
D	2,323	170	727	1.95	304.4	304.4	304.9	0.5
E	2,746	170	702	1.88	306.2	306.2	306.9	0.7
F	3,538	240	634	1.62	312.4	312.4	313.1	0.7
G	4,541	116	849	1.01	319.5	319.5	320.4	0.9
H	5,016	160	1229	0.64	319.6	319.6	320.5	0.9
I	5,491	160	835	0.95	319.6	319.6	320.6	1.0

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUBANKS CREEK TRIBUTARY 4 – EUBANKS CREEK TRIBUTARY 5

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUBANKS CREEK TRIBUTARY 6								
A	158	250	1,259	1.70	306.6	302.9[2]	303.8	0.9
B	1,373	130	771	2.66	307.6	307.6	308.3	0.7
C	1,954	60	331	5.83	309.3	309.3	310.1	0.8
D	4,171	140	736	2.62	320.3	320.3	321.2	0.9
E	4,752	270	1,022	1.16	323.5	323.5	324.2	0.7
F	5,438	100	476	2.50	326.7	326.7	327.3	0.6
G	6,230	100	356	1.97	329.3	329.3	330.0	0.7
EUBANKS CREEK TRIBUTARY 6-1								
A	370	71	374	1.22	323.4	323.4	324.3	0.9
B	686	39	193	1.86	323.6	323.6	324.6	1.0
C	1,320	30	121	2.23	326.2	326.2	326.6	0.4

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUBANKS CREEK TRIBUTARY 6 – EUBANKS TRIBUTARY 6-1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUBANKS CREEK TRIBUTARY 7								
A	1056	150	420	1.02	323.3	323.3	324.3	1.0
B	1795	11	36	4.44	325.4	325.4	326.2	0.8
C	2851	38	99	0.91	331.5	331.5	332.3	0.8

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUBANKS CREEK TRIBUTARY 7

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
FRENCH CREEK								
A	4,020	699	2,665	1.48	283.7	283.7	284.7	1.0
B	8,891	650	5,761	0.43	295.4	295.4	296.4	1.0
C	9,991	689	3,350	0.52	295.4	295.4	296.4	1.0
D	11,091	368	936	1.87	296.7	296.7	297.6	0.9
E	13,041	94	286	4.06	304.2	304.2	305.1	0.9
F	14,091	262	644	1.80	308.5	308.5	309.5	1.0
G	14,692	219	1,136	1.02	314.9	314.9	315.9	1.0
H	15,292	151	504	2.30	317.0	317.0	318.0	1.0
I	15,845	189	807	0.69	324.6	324.6	325.2	0.6
FRENCH CREEK TRIBUTARY 1								
A	3030	287	909	1.96	296.3	296.3	297.3	1.0
B	4300	261	859	2.07	300.6	300.6	301.6	1.0

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

FRENCH CREEK – FRENCH CREEK TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HANGING MOSS CREEK								
A	7,920	250	2,099	4.57	283.1	272.4[2]	273.4	1.0
B	11,880	258	1,800	5.33	283.1	281.4[2]	282.3	0.9
C	13,147	166	1,576	6.09	285.3	285.3	285.8	0.5
D	13,939	166	1,730	5.55	287.2	287.2	287.6	0.4
E	14,520	330	2,526	3.80	289.3	289.3	289.6	0.3
F	17,213	928	5,675	1.66	292.4	292.4	292.8	0.4
G	20,275	80	1,183	7.42	297.0	297.0	297.6	0.6
H	20,645	130	2,218	3.96	303.5	303.5	304.0	0.5
I	21,226	1,120	11,271	0.78	304.7	304.7	305.2	0.5
J	24,394	915	5,128	1.10	305.5	305.5	306.1	0.6
K	29,198	250	1,479	3.15	311.7	311.7	312.7	1.0
L	32,208	129	1,157	3.86	316.9	316.9	317.2	0.3
M	32,736	149	764	5.85	317.6	317.6	317.9	0.3
N	36,274	600	2,154	1.77	325.3	325.3	326.1	0.8
O	39,336	375	1,518	1.62	331.5	331.5	332.3	0.8
P	40,445	215	743	2.8	333.8	333.8	334.8	1.0
Q	41,554	260	914	2.2	337.5	337.5	338.5	1.0

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM HANGING MOSS CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HANGING MOSS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HANGING MOSS CREEK TRIBUTARY 4								
A	520	65	768	5.2	294.8	294.8	295.4	0.6
B	2,380	181	1,236	3.2	298.6	298.6	299.0	0.4
C	4,000	160	978	4.1	301.4	301.4	301.7	0.3
D	4,660	264	953	4.2	303.6	303.6	303.9	0.3
E	4,940	210	1,246	3.2	304.3	304.3	305.0	0.7
F	5,380	93	672	5.9	306.1	306.1	307.1	1.0
G	6,220	360	1,686	2.4	308.0	308.0	308.3	0.3
H	7,060	59	439	8.1	308.9	308.9	308.9	0.0
I	7,260	200	1,827	1.7	312.2	312.2	312.3	0.1
J	8,160	82	301	10.1	313.4	313.4	313.4	0.0
K	10,580	311	1,510	2.0	319.1	319.1	319.8	0.7
L	13,520	104	345	8.8	324.8	324.8	325.3	0.5
M	13,750	250	1,387	1.2	328.2	328.2	328.3	0.1

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HANGING MOSS CREEK TRIBUTARY 4

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HANGING MOSS CREEK TRIBUTARY 5								
A	950	407	1,805	2.51	305.5	303.4[2]	304.4	1.0
B	2,376	325	1,546	2.93	307.7	307.7	308.7	1.0
C	3,854	582	2,520	1.80	311.1	311.1	312.1	1.0
D	5,174	366	1,840	2.40	313.8	313.8	314.7	0.9
E	5,914	515	2,776	1.59	316.0	316.0	316.9	0.9
F	7,286	306	1,728	2.24	318.9	318.9	319.8	0.9
G	8,765	310	1,806	1.89	320.9	320.9	321.9	1.0
H	9,293	249	1,242	2.75	321.4	321.4	322.3	0.9
I	9,979	250	1,476	2.32	323.5	323.5	324.5	1.0
J	12,566	370	2,093	1.37	331.1	331.1	331.5	0.4

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM HANGING MOSS CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HANGING MOSS CREEK TRIBUTARY 5

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HANGING MOSS CREEK TRIBUTARY 5-2								
A	1,214	31	182	4.01	322.1	322.1	323.1	1.0
B	2,059	36	139	2.95	326.1	326.1	326.9	0.8
C	2,851	44	124	3.31	328.6	328.6	329.2	0.6
D	4,224	68	191	0.99	339.0	339.0	339.4	0.4
HANGING MOSS CREEK TRIBUTARY 6								
A	1,954	38	230	4.87	320.0	320.0	320.8	0.8
B	5,491	62	229	1.41	334.4	334.4	335.4	1.0
C	7,339	17	47	1.70	338.2	338.2	338.2	0.0
HANGING MOSS CREEK TRIBUTARY 7								
A	3,379	93	476	3.72	334.4	334.4	335.0	0.6
B	5,280	65	275	4.31	336.9	336.9	337.9	1.0
C	6,547	42	160	4.69	343.0	343.0	343.6	0.6

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HANGING MOSS CREEK TRIBUTARY 5-2 HANGING MOSS CREEK TRIBUTARY 6 – HANGING MOSS CREEK TRIBUTARY 7

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HARDY CREEK								
A	3,643	270	2344	2.16	271.4	268.8[2]	268.9	0.1
B	4,593	280	1879	2.57	271.4	269.5[2]	276.9	0.4
C	6,283	100	879	5.49	271.9	271.9	272.4	0.5
D	7,814	100	751	6.02	278.1	278.1	278.2	0.1
E	8,818	135	1173	3.65	281.0	281.0	281.9	0.9
F	10,349	100	939	4.29	286.9	286.9	287.9	1.0
G	10,771	100	852	4.73	288.1	288.1	289.0	0.9
H	11,458	100	808	4.99	290.3	290.3	291.0	0.7
I	12,144	100	585	6.27	293.7	293.7	294.1	0.4
J	13,939	100	620	5.92	304.0	304.0	304.4	0.4
K	14,678	93	593	5.18	307.5	307.5	307.9	0.4
L	15,576	100	760	3.75	314.7	314.7	315.7	1.0
M	16,315	131	1004	2.84	316.7	316.7	317.7	1.0
N	16,790	110	553	4.68	318.4	318.4	319.3	0.9
O	17,477	100	618	3.07	324.3	324.3	325.0	0.7
P	18,533	80	469	4.05	327.9	327.9	328.4	0.5
Q	19,483	60	162	5.31	332.8	332.8	333.2	0.4
R	20,434	40	149	5.77	338.7	338.7	339.0	0.3
S	21,226	60	191	2.04	349.4	349.4	350.2	0.7
T	21,859	60	208	1.88	350.6	350.6	351.6	0.9

[1] FEET ABOVE MOUTH
[2] ELEVATIONS WITHOUT CONSIDERING BACKWATER EFFECT FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HARDY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HARDY CREEK TRIBUTARY 1								
A	1,531[1]	30	123	4.15	332.1	332.1	332.1	1.0
B	2,376[1]	19	99	2.83	337.0	337.0	337.4	0.4
HARRIS CREEK								
A	2,050[2]	75	478	7.1	271.4	264.4[3]	264.9	0.5
B	2,330[2]	72	471	7.2	271.4	266.4[3]	266.7	0.3
C	2,675[2]	45	414	8.2	271.9	268.6[3]	268.7	0.1
D	2,870[2]	63	565	6.0	271.9	269.7[3]	270.1	0.4
E	3,260[2]	75	786	4.3	271.9	270.6[3]	271.2	0.6
F	4,710[2]	50	506	6.7	273.2	273.2	274.1	0.9
G	7,360[2]	116	1112	3.1	277.0	277.0	278.0	1.0
H	9,485[2]	66	542	6.3	279.4	279.4	280.3	0.9

[1] FEET ABOVE MOUTH
[2] FEET ABOVE CONFLUENCE WITH RHODES CREEK
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM RHODES CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HARDY CREEK TRIBUTARY 1 – HARRIS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HENRY CREEK								
A	250	21	124	6.05	268.0	267.8[2]	268.7	0.9
B	1,100	85	267	2.70	271.6	271.6	272.4	0.8
C	1,300	357	1,301	0.55	274.4	274.4	275.2	0.8
D	3,100	43	182	3.60	285.2	285.2	285.8	0.6
LINDSEY CREEK								
C	27,954	489	4,508	0.76	274.3	274.3	275.3	1.0
D	30,424	470	1,801	1.39	276.1	276.1	276.7	0.6
E	32,324	307	1,187	2.10	284.5	284.5	284.6	0.1
F	34,477	73	640	3.00	296.6	296.6	296.7	0.2
G	34,992	138	837	2.30	298.4	298.4	298.8	0.3
H	37,712	32	288	5.06	309.5	309.5	310.2	0.7
I	38,362	79	242	6.03	312.2	312.2	312.6	0.4
J	39,710	433	1,168	1.78	318.8	318.8	319.3	0.5
K	41,856	272	346	3.61	324.5	324.5	325.2	0.7
LITTLE BAKERS CREEK								
A	390	77	753	4.9	209.8	205.2[2]	205.2	1.0
B	1,340	141	963	3.8	209.8	207.2[2]	208.0	0.8
C	5,361	34	939	3.9	213.5	213.5	214.5	1.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM BAKERS CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HENRY CREEK – LINDSEY CREEK – LITTLE BAKERS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
LYNCH CREEK								
A	370	143	1,624	7.65	273.5	346.1[2]	247.0	0.9
B	2,059	127	1,235	10.06	273.5	258.8[2]	258.8	0.0
C	2,323	135	1,322	9.39	273.5	261.0[2]	261.0	0.0
D	2,482	153	1,732	7.17	273.5	262.9[2]	262.9	0.0
E	2,904	115	1,312	9.47	273.5	264.7[2]	264.7	0.0
F	3,485	149	1,791	6.93	273.5	267.6[2]	267.6	0.0
G	4,118	200	2,611	4.76	273.5	269.9[2]	269.9	0.0
H	5,491	105	1,265	8.70	273.8	273.8	273.8	0.0
I	7,867	99	927	11.87	274.2	274.2	274.3	0.1
J	8,554	220	1,045	7.52	278.8	278.8	278.8	0.0
K	10,402	109	1,223	6.43	280.8	280.8	281.2	0.4
L	10,718	102	1,101	7.14	280.9	280.9	281.3	0.4
M	12,355	103	856	9.18	282.9	282.9	283.3	0.4
N	14,520	130	1,336	5.90	289.6	289.6	290.0	0.4
O	15,682	117	1,199	6.56	290.4	290.4	291.1	0.7
P	15,998	117	1,215	6.47	290.9	290.9	291.5	0.6
Q	16,685	86	1,157	6.79	291.9	291.9	292.4	0.5
R	17,107	96	1,070	7.35	292.9	292.9	293.4	0.5
S	18,638	71	899	8.74	295.8	295.8	296.3	0.5
T	20,064	89	947	8.30	299.2	299.2	300.0	0.8
U	21,701	290	1,432	5.49	302.3	302.3	303.2	0.9
V	23,074	300	1,913	3.86	305.0	305.0	305.9	0.9

[1] FEET ABOVE MOUTH

[2] ELEVATIONS WITHOUT CONSIDERING BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

LYNCH CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
LYNCH CREEK (CONTINUED)								
W	23,971	180	1,017	4.96	305.9	305.9	306.7	0.8
X	25,766	180	2,355	2.12	314.3	314.3	314.8	0.5
Y	26,981	230	1,386	3.48	315.1	315.1	315.7	0.6
Z	27,984	220	1,470	3.18	319.3	319.3	320.3	1.0
AA	29,093	223	1,232	2.46	322.7	322.7	323.2	0.5
AB	30,466	400	2,126	1.37	326.5	326.5	326.9	0.4
AC	30,730	430	1,887	1.49	326.6	326.6	327.1	0.5
AD	33,000	150	937	3.00	333.5	333.5	333.6	0.1
AE	34,214	150	508	4.82	337.3	337.3	337.7	0.4
AF	36,590	150	544	3.66	353.1	353.1	353.9	0.8
AG	39,650	263	537	0.64	368.5	368.5	369.1	0.6
LYNCH CREEK TRIBUTARY 1								
A	1,637	28	110	11.27	291.2	291.2	291.2	0.0
B	3,960	45	230	2.78	306.1	306.1	306.2	0.1
C	5,597	60	84	4.29	318.2	318.2	318.3	0.1
D	6,642	77	195	4.68	331.1	331.1	331.8	0.7

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

LYNCH CREEK – LYNCH CREEK TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
LYNCH CREEK TRIBUTARY 2								
A	1,109	304	1,772	1.70	295.1	295.1	296.0	0.9
B	3,538	60	167	3.77	302.5	302.5	303.2	0.7
C	4,382	50	126	2.86	308.6	308.6	309.3	0.7
D	5,174	40	141	2.55	317.0	317.0	317.7	0.7
E	5,597	40	130	2.04	321.2	321.2	322.2	1.0
LYNCH CREEK TRIBUTARY 3								
A	2,218	105	443	2.87	307.5	307.5	308.4	0.9
B	3,115	74	195	5.03	314.5	314.5	315.0	0.5
C	3,696	310	490	1.49	318.3	318.3	318.3	0.0
D	5,386	199	1548	0.36	339.7	339.7	340.4	0.7
E	6,072	72	358	0.80	339.8	339.8	340.5	0.7

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

LYNCH CREEK TRIBUTARY 2 – LYNCH CREEK TRIBUTARY 3

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
LYNCH CREEK TRIBUTARY 4								
A	1,109	250	1,010	3.22	305.1	304.1[2]	304.7	0.6
B	2,482	309	1,241	2.62	312.0	312.0	312.9	0.9
C	5,333	478	1,674	1.94	315.8	315.8	316.8	1.0
D	5,861	192	815	3.99	316.5	316.5	317.5	1.0
E	7,286	434	1,649	1.80	322.0	322.0	322.8	0.8
F	8,554	464	1,662	1.70	324.3	324.3	325.2	0.9
G	8,765	215	967	2.90	326.5	326.5	326.6	0.1
H	10,243	202	732	3.90	328.6	328.6	329.5	0.9
I	11,458	49	403	6.00	334.3	334.3	335.2	0.9
J	11,986	105	418	5.70	337.4	337.4	337.4	0.0
K	12,461	110	476	5.00	339.3	339.3	340.2	0.9
L	13,147	128	441	5.40	345.0	345.0	345.2	0.2
M	13,464	78	302	7.90	347.9	347.9	347.9	0.0
N	13,992	194	1,668	1.40	356.7	356.7	357.1	0.4
O	14,678	115	649	3.60	359.5	359.5	359.6	0.1
P	14,995	121	801	2.90	360.2	360.2	360.9	0.7
Q	15,576	83	512	4.60	363.3	363.3	363.6	0.3
R	16,157	101	404	5.80	369.0	369.0	369.0	0.0
S	16,474	162	942	2.50	369.7	369.7	370.2	0.5
T	17,477	99	573	4.10	378.8	378.8	379.6	0.8

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM LYNCH CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

LYNCH CREEK TRIBUTARY 4

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
LYNCH CREEK TRIBUTARY 4-1								
A	720	166	604	4.7	334.1	334.1	335.0	0.9
B	1,419	366	2,439	1.2	340.3	340.3	341.1	0.8
C	2,224	121	741	3.8	340.5	340.5	341.5	1.0
D	3,092	159	941	2.4	343.3	343.3	343.4	0.1
E	3,992	57	370	6.2	345.9	345.9	346.7	0.8
F	5,112	190	1,449	1.4	350.3	350.3	351.2	0.9
G	6,322	106	502	4.1	355.1	355.1	356.1	1.0
H	8,022	153	330	6.3	373.9	373.9	374.9	1.0
LYNCH CREEK TRIBUTARY 5								
A	1,637	141	867	3.0	328.4	328.4	328.7	0.3
B	3,221	732	3,687	0.7	330.2	330.2	330.9	0.7
C	3,802	270	1,040	2.5	332.7	332.7	333.4	0.7
D	3,907	237	1,288	1.9	333.8	333.8	333.8	0.0
E	5,914	315	1,315	1.8	338.6	338.6	339.6	1.0
F	8,659	177	801	3.0	347.7	347.7	348.7	1.0
G	10,560	128	682	3.5	355.5	355.5	356.5	1.0
H	11,458	190	904	2.1	359.7	359.7	360.6	0.9
I	12,408	138	491	3.9	362.9	362.9	363.9	1.0
J	13,253	176	345	5.5	366.8	366.8	367.6	0.8

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

LYNCH CREEK TRIBUTARY 4-1 – LYNCH CREEK TRIBUTARY 5

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
LYNCH CREEK TRIBUTARY 6								
A	4,435	60	738	4.84	295.2	295.2	295.3	0.1
B	5,491	140	1,136	2.66	297.7	297.7	297.7	0.0
C	6,653	100	687	4.13	301.4	301.4	301.4	0.0
D	6,917	337	1,751	1.62	302.2	302.2	302.3	0.1
E	7,762	237	1,202	1.83	303.5	303.5	304.2	0.7
F	8,659	193	739	2.69	305.8	305.8	306.7	0.9
G	9,240	220	408	4.12	311.8	311.8	311.9	0.1
H	10,190	308	1,322	1.06	316.5	316.5	317.2	0.7
I	10,877	170	815	1.72	318.7	318.7	319.5	0.8
J	11,246	230	774	1.15	319.2	319.2	320.0	0.8
K	11,880	25	227	0.66	320.4	320.4	321.3	0.9
L	12,355	14	29	5.17	320.6	320.6	321.3	0.7

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

LYNCH CREEK TRIBUTARY 6

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PEARL RIVER								
A	254.82	6,566[2]	63,412	1.7	251.1	251.1	252.0	0.9
B	257.05	8,164[2]	80,999	1.3	253.3	253.3	254.2	0.9
C	259.27	6,754[2]	75,272	1.4	255.2	255.2	255.9	0.7
D	262.27	6,251[2]	79,341	1.3	257.2	257.2	258.0	0.8
E	264.45	6,282[2]	79,037	1.3	258.7	258.7	259.6	0.9
F	266.22	10,693[2]	121,199	0.9	260.1	260.1	261.0	0.9
G	268.87	9,021[2]	98,183	1.1	261.5	261.5	262.5	1.0
H	270.42	1,581[2]	23,612	4.5	262.6	262.6	263.6	1.0
I	270.53	1,581[2]	24,150	4.4	263.0	263.0	263.9	0.9
J	273.31	7,155[2]	78,726	1.3	265.4	265.4	266.2	0.8
K	277.11	9,491[2]	120,027	0.9	267.2	267.2	268.1	0.9
L	278.98	9,847[2]	84,388	1.3	268.1	268.1	269.1	1.0
M	282.08	8,948[2]	93,090	1.1	270.3	270.3	271.1	0.8
N	282.89	8,317[2]	76,793	1.4	270.8	270.8	271.6	0.8
O	283.61	9,261[2]	152,379	0.7	271.5	271.5	272.2	0.7
P	284.50	6,950[2]	100,976	1.0	271.6	271.6	272.4	0.8
Q	285.35	2,568[2]	27,505	3.9	272.4	272.4	273.3	0.9
R	286.63	2,087[2]	43,715	2.4	273.8	273.8	274.8	1.0
S	286.97	1,840[2]	38,293	2.8	274.1	274.1	275.0	0.9
T	287.37	2,043[2]	38,477	2.8	274.7	274.7	275.6	0.9
U	287.54	2,513[2]	53,072	2.0	275.2	275.2	276.1	0.9
V	287.82	2,823[2]	31,436	3.4	275.2	275.2	275.9	0.7
W	288.23	1,744[2]	28,323	3.7	275.4	275.4	276.3	0.9

[1] MILES ABOVE MOUTH
[2] WIDTH EXTENDS BEYOND COUNTY BOUNDARY

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PEARL RIVER								
X	288.99	2,006[2]	39,350	2.7	276.4	276.4	277.2	0.8
Y	289.46	3,349[2]	52,495	2.0	276.8	276.8	277.5	0.7
Z	290.08	3,918[2]	58,446	1.8	277.2	277.2	279.9	0.7
AA	290.46	3,513[2]	54,311	2.0	277.5	277.5	278.1	0.6
AB	291.81	5,800[2]	90,446	1.2	280.6	280.6	279.8	0.8
AC	292.34	4,700[2]	77,313	1.4	280.6	280.6	281.0	0.4
AD	292.50	2,300[2]	36,223	2.9	280.6	280.6	281.1	0.5
AE	293.79	6,512[2]	99,103	1.1	281.9	281.9	282.5	0.6
AF	295.19	9,490[2]	117,709	0.9	282.6	282.6	283.3	0.7
AG	296.69	13,890[2]	168,415	0.6	283.7	283.7	284.6	0.9
AH	298.31	10,413[2]	111,994	0.9	284.2	284.2	285.1	0.9
AI	299.80	10,203[2]	19,064	0.9	284.8	284.8	285.7	0.9
AJ	300.28	9,393[2]	83,894	1.3	285.0	285.0	285.9	0.9
AK	301.29	10,878[2]	123,278	0.9	285.9	285.9	286.8	0.9

[1] FEET ABOVE MOUTH
[2] WIDTH EXTENDS BEYOND COUNTY BOUNDARY

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PURPLE CREEK								
A	7,075	94	1,113	4.10	283.3	280.4[2]	280.7	0.3
B	8,659	93	1,004	4.54	283.3	281.1[2]	281.3	0.2
C	9,715	96	711	6.41	283.4	283.4	283.5	0.1
D	10,032	97	911	5.01	284.1	284.1	284.4	0.3
E	10,718	93	825	5.41	284.8	284.8	285.1	0.3
F	11,035	54	579	7.70	286.7	286.7	287.5	0.8
G	12,355	90	797	5.60	288.9	288.9	289.3	0.4
H	16,157	71	549	8.12	296.5	296.5	296.5	0.0
I	17,794	57	357	11.21	302.5	302.5	302.4	0.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PURPLE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
RHODES CREEK								
A	5,640	107	1,610	7.1	255.8	248.6[2]	249.1	0.5
B	9,910	371	2,597	4.4	255.8	254.7[2]	255.2	0.5
C	15,880	400	3,995	2.9	260.2	260.2	260.7	0.5
D	22,000	336	3,948	2.9	264.6	264.6	265.1	0.5
E	23,200	908	6377	1.8	267.3	267.3	267.6	0.3
F	28,730	800	4951	2.3	271.1	271.1	272.1	1.0
G	32,300	447	3861	2.0	274.4	274.4	275.4	1.0
H	32,420	220	2,240	3.5	274.4	274.4	275.4	1.0
I	32,742	603	5,212	1.5	275.0	275.0	275.9	0.9
J	36,362	174	1,552	4.8	275.6	275.6	276.5	0.9
K	39,152	425	2,293	3.2	278.8	278.8	279.5	0.7
L	41,602	265	1,658	4.5	283.7	283.7	284.2	0.5
M	44,722	507	3,012	2.5	287.8	287.8	288.6	0.8
N	47,007	472	2,452	3.0	289.9	289.9	290.9	1.0
O	52,012	621	3,525	1.8	295.3	295.3	296.3	1.0
P	54,527	438	2,546	2.0	297.5	297.5	298.5	1.0
Q	56,967	224	1,410	3.7	300.8	300.8	301.8	1.0
R	60,502	589	2,472	2.1	205.8	305.8	306.8	1.0
S	63,642	531	3,061	1.7	310.8	310.8	311.5	0.7
T	66,542	321	1,519	3.4	313.3	313.3	314.3	1.0
U	69,462	521	2,994	1.6	320.1	320.1	320.8	0.7
V	72,192	393	1,526	3.1	322.8	322.8	323.7	0.9
W	74,082	525	1,280	3.7	328.5	328.5	329.5	1.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

RHODES CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
RHODES CREEK								
X	77,942	700	4,180	1.1	335.7	335.7	336.7	1.0
Y	81,272	560	2,281	1.3	339.5	339.5	340.3	0.8
Z	83,782	331	965	3.1	344.4	344.4	345.1	0.7
AA	86,552	236	746	2.0	349.8	349.8	350.6	0.8
AB	89,482	134	213	5.3	356.8	356.8	356.8	0.0
AC	91,822	188	512	1.2	364.4	364.4	365.2	0.8
AE	94,707	61	107	5.8	379.2	379.2	379.7	0.5
AF	95,992	54	171	3.6	389.8	389.8	390.4	0.6
SCHOOL CREEK								
A	2,770	400	746	2.5	284.2	271.5[2]	271.8	0.3
B	5,370	266	819	2.3	284.2	275.4[2]	275.5	0.1
C	6,020	98	464	4.0	284.2	276.8[2]	276.8	0.0
D	6,371	106	748	2.6	284.2	283.0[2]	283.0	0.0
E	7,421	40	357	5.2	283.3	283.3	283.8	0.5
F	8,821	106	468	3.9	290.3	290.3	290.3	0.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

RHODES CREEK – SCHOOL CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SMITH CREEK								
A	246	164	1,158	3.7	254.0	254.0	254.4	0.4
B	694	114	1,009	4.2	255.6	255.6	256.2	0.6
C	1,419	267	2,554	1.7	255.8	255.8	256.7	0.9
D	4,619	401	1,313	3.0	256.7	256.7	257.4	0.7
E	6,079	594	2,114	1.7	259.3	259.3	260.3	1.0
F	7,609	242	1,282	2.8	262.0	262.0	263.0	1.0
G	9,308	96	732	4.5	266.0	266.0	266.3	0.3
H	13,148	247	650	4.1	269.9	269.9	270.9	1.0
I	15,898	703	1,793	1.1	276.3	276.3	277.3	1.0
J	17,548	62	342	4.1	280.0	280.0	280.3	0.3
K	19,298	344	1,760	0.7	285.5	285.5	286.3	0.8
L	23,098	121	396	2.9	289.2	289.2	290.0	0.8
M	24,948	51	276	4.1	297.0	297.0	297.9	0.9
N	27,548	71	291	3.3	304.5	304.5	305.1	0.6
O	29,848	26	134	6.1	312.6	312.6	313.6	1.0
P	32,058	24	173	3.8	325.6	325.6	325.7	0.1
Q	33,318	53	142	3.5	330.1	330.1	330.2	0.1

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

SMITH CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SMITH CREEK TRIBUTARY 1								
A	900	199	420	3.3	282.3	282.3	282.8	0.5
B	2,300	182	554	2.5	286.6	286.6	287.5	0.9
C	4,523	285	1,944	0.7	302.8	302.8	303.8	1.0
D	4,873	292	1,485	0.9	302.9	302.9	303.9	1.0
E	5,823	252	872	1.6	304.4	304.4	305.4	1.0
SMITH CREEK TRIBUTARY 2								
A	610	38	102	6.6	312.6	312.6	313.1	0.5
B	1,350	34	195	3.5	317.9	317.9	318.8	0.9
SMITH CREEK TRIBUTARY 3								
A	910	48	200	4.0	291.1	287.7[2]	288.6	0.9
B	2,520	56	204	3.9	297.4	297.4	298.1	0.7

[1] FEET ABOVE CONFLUENCE WITH SMITH CREEK
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM SMITH CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

SMITH CREEK TRIBUTARY 1 – SMITH CREEK TRIBUTARY 2 – SMITH CREEK TRIBUTARY 3

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SNAKE CREEK								
A	4,755	521	2,730	1.6	219.1	219.1	219.1	0.0
B	9,955	773	3,472	1.3	222.1	222.1	223.1	1.0
C	11,755	945	4,167	1.0	223.4	223.4	224.4	1.0
D	15,965	427	1,631	2.7	227.1	227.1	228.0	0.9
E	18,065	921	4,748	0.9	228.9	228.9	229.9	1.0
F	22,365	637	1,904	2.6	234.8	234.8	235.1	0.3
G	26,415	963	4,294	1.0	238.7	238.7	239.7	1.0
H	32,715	1147	5,002	0.9	240.4	240.4	241.3	0.9
I	35,115	1220	3,583	1.2	241.9	241.9	242.7	0.8
J	37,329	917	3,926	1.1	245.6	245.6	246.6	1.0
K	39,904	1040	3,727	1.1	247.0	247.0	248.0	1.0
L	44,869	1226	4,859	0.9	252.4	252.4	253.4	1.0
M	49,469	938	3,857	1.1	256.0	256.0	256.9	0.9
N	51,889	1053	3,260	1.3	257.7	257.7	258.4	0.7
O	53,554	1008	4,767	0.9	261.0	261.0	261.5	0.5
P	54,404	852	3,988	1.0	262.0	262.0	262.4	0.4
Q	56,634	668	1,775	2.2	263.2	263.2	264.0	0.8
R	60,324	666	2,581	1.5	270.9	270.9	271.8	0.9
S	63,609	364	2,143	1.9	276.3	276.3	277.2	0.9
T	65,097	467	1,857	1.8	277.9	277.9	278.9	1.0
U	66,357	372	1,326	2.6	279.2	279.2	280.2	1.0

[1] FEET ABOVE CONFLUENCE WITH BAKERS CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

SNAKE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
STRAIGHT FENCE CREEK								
H	40,318	95	617	7.0	242.9	242.9	243.7	0.8
I	41,828	842	4,344	1.0	246.6	246.6	247.3	0.7
J	44,368	501	1,171	3.1	249.4	249.4	250.1	0.7
K	47,163	687	3,516	1.0	255.0	255.0	256.0	1.0
L	48,743	280	752	3.9	257.3	257.3	258.0	0.7
M	51,018	737	1,857	1.6	262.8	262.8	263.1	0.3
N	53,038	556	970	1.9	265.5	265.5	265.9	0.4
O	54,918	159	531	3.0	273.0	273.0	273.0	0.0
P	56,748	49	394	4.7	278.6	278.6	279.5	0.9
Q	58,568	54	369	5.0	282.0	282.0	282.3	0.3
R	59,682	69	310	6.0	288.6	288.0	288.6	0.6
S	60,638	50	445	3.2	292.8	292.8	293.2	0.4
T	61,782	37	196	7.3	293.9	293.9	294.6	0.4

[1] FEET ABOVE CONFLUENCE WITH BOGUE CHITTO CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

STRAIGHT FENCE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
STREAM 1								
A	350	38	171	4.2	203.4	203.4	204.1	0.7
B	1,988	45	472	1.4	214.1	214.1	214.1	0.0
C	4,288	33	200	2.0	214.2	214.2	214.2	0.0
D	5,853	33	164	2.4	215.7	215.7	215.7	0.0
STREAM 2								
A	426	27	84	3.5	204.1	202.0[2]	203.0	1.0
B	1,448	77	140	1.6	206.4	206.4	207.0	0.6
C	2,146	25	64	3.6	209.0	209.0	209.6	0.6
D	2,667	19	55	2.7	211.3	211.3	211.6	0.3
E	3,151	30	79	1.9	214.3	214.3	214.3	0.0
F	3,908	18	40	3.8	218.7	218.7	218.8	0.1

[1] FEET ABOVE TOWN OF BOLTON CORPORATE LIMITS
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

STREAM 1 – STREAM 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
THREE MILE CREEK								
A	6,230	370	1,544	2.7	271.5	268.8[2]	269.8	1.0
B	6,600	82	952	4.4	271.5	270.1[2]	270.9	0.8
C	6,864	200	3,196	1.3	280.6	280.6	281.5	0.9
D	7,339	200	3,315	1.3	280.6	280.6	281.5	0.9
E	9,029	170	1,142	3.6	280.6	280.6	281.5	0.9
F	9,874	139	1,104	3.2	282.2	282.2	283.0	0.8
G	10,824	82	806	4.2	284.2	284.2	284.9	0.7
H	11,774	110	662	5.3	292.2	292.2	292.8	0.6
I	12,197	169	1,018	2.5	293.9	293.9	294.9	1.0
J	12,514	80	737	3.4	298.3	298.3	298.3	0.0
K	13,147	100	299	2.9	300.1	300.1	300.1	0.0
THREE MILE CREEEK TRIBUTARY 1								
A	475	100	387	4.1	300.4	298.0[3]	298.7	0.7
B	1,056	40	240	6.0	303.0	303.0	303.6	0.6
C	1,742	60	515	2.5	309.4	309.4	309.8	0.4
D	2,218	100	520	3.1	311.3	311.3	312.2	0.9
E	2,904	70	262	3.3	313.8	313.8	314.7	0.9

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM THREE MILE CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

THREE MILE CREEK – THREE MILE CREEK TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK								
A	1,480	282	1,868	3.9	274.5	260.1[2]	260.6	0.5
B	2,475	109	1,458	5.0	274.5	261.4[2]	261.7	0.3
C	3,700	111	1,296	5.6	274.5	262.8[2]	263.0	0.2
D	4,490	142	1,633	4.4	274.5	263.7[2]	264.0	0.2
E	6,250	116	1,230	5.9	274.5	267.6[2]	267.6	0.0
F	6,650	141	1,795	4.0	274.5	269.5[2]	269.5	0.0
G	9,540	99	1,032	7.0	274.5	273.8[2]	274.0	0.2
H	9,890	101	928	7.8	274.5	274.0[2]	274.2	0.2
I	10,750	131	1,443	4.7	277.7	277.7	277.8	0.1
J	10,950	113	1,215	4.6	278.3	278.3	278.5	0.2
K	12,430	67	692	8.1	281.3	281.3	281.4	0.1
L	13,690	130	1,050	5.3	286.0	286.0	286.9	0.9
M	15,850	100	1,013	5.0	287.9	287.9	288.2	0.3
N	16,820	78	721	7.0	287.9	287.9	288.3	0.4
O	18,015	60	504	10.1	288.8	288.8	289.4	0.6
P	19,340	67	527	8.4	290.5	290.5	290.8	0.3
Q	20,910	55	319	13.8	293.3	293.3	293.3	0.0
R	22,690	159	647	4.8	299.5	299.5	299.8	0.3
S	24,610	256	1,023	3.0	304.6	304.6	305.4	0.8
T	25,670	343	1,320	2.4	307.1	307.1	308.1	1.0
U	26,630	110	639	4.1	311.3	311.3	311.6	0.2
V	28,625	250	1,069	2.5	315.7	315.7	315.8	0.1
W	29,885	160	986	2.7	320.4	320.4	320.4	0.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK (CONTINUED)								
X	31,050	280	2,214	1.2	324.7	324.7	324.8	0.1
Y	32,340	275	1,058	1.8	324.8	324.8	325.2	0.4
Z	34,100	379	1,682	1.1	325.6	325.6	326.4	0.8
AA	36,890	176	771	2.5	333.1	333.1	333.1	0.0
AB	38,350	28	136	7.7	335.9	335.9	335.9	0.0
AC	39,710	376	948	1.1	339.6	339.6	340.4	0.8
AD	41,170	164	404	2.6	343.1	343.1	343.7	0.6
TOWN CREEK TRIBUTARY 2								
A	1,440	133	574	2.4	324.8	323.3[2]	324.3	1.0
B	2,400	117	477	2.5	325.9	325.9	326.8	0.9

[1] FEET ABOVE MOUTH
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM TOWN CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK – TOWN CREEK TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK TRIBUTARY 3								
A	490	52	245	11.9	283.2	273.6[2]	273.7	0.1
B	890	46	228	2.8	285.9	275.8[2]	275.8	0.0
C	1,695	63	385	7.5	286.9	279.8[2]	280.3	0.5
D	2,040	56	312	9.0	287.0	279.9[2]	280.3	0.4
E	2,590	59	442	6.4	287.1	286.3[2]	286.3	0.0
F	2,830	70	549	5.1	287.6	287.6	287.7	0.0
G	3,100	68	531	5.3	287.6	287.6	287.7	0.1
H	3,570	59	578	4.9	289.8	289.8	289.8	0.0
I	3,800	73	683	4.1	291.7	291.7	291.8	0.1
J	4,300	66	691	3.9	293.6	293.6	293.7	0.1
K	4,850	51	384	7.0	295.0	295.0	295.0	0.0
L	5,450	75	341	7.9	297.2	297.2	297.4	0.2
M	6,160	108	538	5.0	300.4	300.4	301.0	0.6
N	7,500	93	427	6.3	305.2	305.2	305.7	0.5
O	8,273	144	549	4.2	308.8	308.8	309.5	0.7
P	9,550	429	1266	1.8	312.0	312.0	312.5	0.5
Q	10,300	305	962	1.0	313.2	313.2	313.9	0.7
R	10,710	145	438	2.2	313.4	313.4	314.0	0.6
S	11,300	79	254	3.8	314.8	314.8	315.2	0.4
T	12,550	163	374	1.5	317.1	317.1	317.2	0.1
U	13,880	158	69	4.9	322.6	322.6	322.6	0.0
V	14,580	87	80	4.2	324.3	324.3	324.3	0.0
W	15,245	82	153	2.2	329.2	329.2	329.2	0.0

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM TOWN CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK TRIBUTARY 3

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK TRIBUTARY 4								
A	780	100	968	3.3	288.8	288.8	289.5	0.7
B	1,870	417	2,116	1.5	290.1	290.1	291.1	1.0
C	2,900	231	1,308	2.4	293.8	293.8	294.1	0.3
D	3,515	248	1,189	2.6	294.9	294.9	295.0	0.1
E	3,960	190	1,138	2.7	295.8	295.8	296.5	0.7
F	4,700	210	1,156	2.6	298.2	298.2	298.8	0.6
G	5,455	301	1,310	2.2	302.5	302.5	303.4	0.9
H	6,310	250	1,157	2.1	304.8	304.8	305.7	0.9
I	6,860	250	844	2.8	305.6	305.6	306.5	0.9
J	7,765	387	1,744	1.3	307.2	307.2	308.0	0.8
K	8,935	343	1,536	1.4	309.3	309.3	310.3	1.0
L	9,740	145	792	2.5	312.0	312.0	312.9	0.9
M	11,640	125	483	2.4	319.0	319.0	320.0	1.0
N	14,110	101	95	5.2	322.3	322.3	322.3	0.0
O	15,435	60	132	1.6	327.9	327.9	327.9	0.0

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK TRIBUTARY 4

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK TRIBUTARY 5								
A	780	48	320	9.5	292.7	292.7	292.8	0.1
B	2,790	46	239	12.8	299.1	299.1	299.1	0.0
C	3,710	152	1,039	2.9	306.7	306.7	307.5	0.8
D	5,110	382	1,893	1.6	309.9	309.9	310.8	0.9
E	6,530	199	640	4.3	312.9	312.9	313.6	0.4
F	7,520	218	983	2.3	318.3	318.3	318.8	0.5
G	8,690	300	1,599	1.3	323.0	323.0	323.8	0.8
H	9,540	144	421	4.9	323.9	323.9	324.1	0.2
I	10,410	100	663	3.0	329.1	329.1	330.1	1.0
J	10,800	134	645	2.9	331.0	331.0	331.4	0.4
K	11,750	135	730	2.2	333.2	333.2	334.2	1.0
L	12,580	171	735	1.9	335.0	335.0	335.6	0.6
M	13,010	235	898	1.4	336.2	336.2	337.2	1.0
N	13,440	229	75	1.2	337.9	337.9	338.7	0.8
O	14,300	86	387	2.7	340.3	340.3	340.8	0.5
P	14,920	57	194	3.4	342.8	342.8	343.8	1.0
Q	15,260	62	406	1.6	348.5	348.5	349.0	0.5
R	15,800	95	615	0.9	350.6	350.6	351.4	0.5
S	16,690	37	75	6.5	351.9	351.9	352.4	0.5
T	19,550	23	90	2.7	361.1	361.1	362.1	1.0

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK TRIBUTARY 5

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TRAHON CREEK								
A	2,166	150	1,650	3.4	264.1	246.6[2]	246.6	0.0
B	2,608	312	3,321	1.7	264.1	252.8[2]	252.8	0.0
C	3,308	127	1,253	4.5	264.1	253.2[2]	253.4	0.2
D	4,958	232	1,992	2.5	264.1	255.0[2]	255.6	0.6
E	6,108	311	3,223	1.4	264.1	255.6[2]	256.3	0.7
F	8,358	253	2,011	2.2	264.1	256.6[2]	257.5	0.9
G	11,379	324	2,880	1.6	264.4	264.4	264.7	0.3
H	12,329	312	3,547	1.3	264.6	264.6	265.0	0.4
I	14,329	379	2,238	2.0	265.4	265.4	266.1	0.7
J	15,479	438	2,811	1.6	266.7	266.7	267.7	1.0
K	16,694	253	2,726	1.7	272.7	272.7	273.3	0.6
L	17,594	261	1,650	2.7	272.8	272.8	273.4	0.6
M	19,121	274	2,230	1.8	274.9	274.9	275.5	0.6
N	19,521	333	2,081	2.0	275.2	275.2	275.8	0.6
O	20,621	462	1,307	3.1	275.8	275.8	276.6	0.8
P	21,940	135	1,106	4.0	279.1	279.1	279.6	0.5
Q	23,270	279	946	4.7	280.8	280.8	281.3	0.5
R	24,180	150	612	7.2	283.2	283.2	283.6	0.4
S	25,750	370	1,441	1.8	288.8	288.8	289.0	0.2
T	27,790	108	401	5.0	291.4	291.4	291.6	0.2
U	31,456	316	1,750	1.6	298.9	298.9	299.7	0.8
V	32,706	314	1,659	1.3	299.8	299.8	300.7	0.9
W	34,306	417	2,201	1.0	300.4	300.4	301.4	1.0

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TRAHON CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TRAHON CREEK (CONT'D)								
X	36,456	163	540	4.6	305.4	300.4	306.0	0.6
Y	36,920	202	614	3.3	311.4	311.4	312.4	1.0
Z	38,320	223	690	2.9	318.2	318.2	318.5	0.3
TRAHON CREEK TRIBUTARY 2								
A	1,330	35	157	7.9	264.4	250.3[2]	250.5	0.2
B	2,710	96	465	2.7	264.4	258.2[2]	258.9	0.7
C	4,135	42	325	3.8	264.4	260.9[2]	261.8	0.9
D	4,899	38	392	3.1	264.8	264.8	265.6	0.8
E	5,499	44	472	2.6	265.3	265.3	266.2	0.9
F	7,199	36	190	5.4	268.8	268.8	269.6	0.8
G	8,799	67	341	3.0	274.1	274.1	274.1	0.0
H	11,399	54	193	4.4	284.9	284.9	285.0	0.1
I	13,149	145	342	2.0	292.7	292.7	293.3	0.6
J	14,249	154	317	2.1	296.5	296.5	297.3	0.8
K	16,049	93	270	2.5	303.4	303.4	304.3	0.9
L	18,249	62	241	2.8	313.2	313.2	314.2	1.0
M	19,386	108	508	0.6	320.9	320.9	321.9	1.0
N	19,686	75	286	1.1	321.0	321.0	322.0	1.0
O	22,186	40	102	3.1	336.2	336.2	337.0	0.8
P	23,586	55	113	2.8	351.3	351.3	352.0	0.7

[1] FEET ABOVE MOUTH

[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM TRAHON CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TRAHON CREEK – TRAHON CREEK TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TRAHON CREEK TRIBUTARY 3								
A	2,070	193	304	2.5	296.0	296.0	296.0	0.0
B	3,200	200	398	1.9	304.1	304.1	304.5	0.3
TWIN LAKES CREEK G								
A	3,740	450	1,243	1.9	280.4	269.9[2]	270.9	1.0
B	4,920	120	533	4.5	280.4	278.3[2]	278.4	0.1
C	6,980	120	365	6.2	285.7	285.7	285.7	0.0
D	7,630	80	275	8.3	286.2	286.2	286.6	0.4
E	7,930	116	450	5.1	288.5	288.5	288.7	0.2
F	8,690	120	500	4.6	294.9	294.9	294.9	0.0
G	8,830	120	557	4.1	295.3	295.3	295.4	0.1
H	8,990	118	368	5.0	296.0	296.0	296.0	0.0
I	9,300	118	502	3.1	297.0	297.0	297.0	0.0
J	9,450	74	151	10.3	297.0	297.0	297.0	0.0
K	11,030	53	172	6.3	306.3	306.3	306.3	0.0
L	11,380	70	279	3.9	308.2	308.2	308.2	0.0
M	12,000	42	115	9.5	314.8	314.8	315.2	0.4

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TRAHON CREEK TRIBUTARY 3 – TWIN LAKES CREEK G

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TWIN LAKES CREEK H								
A	1,742	373	209	4.26	290.2	290.2	290.2	0.0
B	3,379	60	154	3.38	290.9	290.9	291.0	0.1
C	4,118	60	203	1.97	295.5	295.5	296.5	1.0
D	5,306	60	240	1.00	311.3	311.3	312.1	0.8
VAUGHN CREEK								
C	20,772	654	5,029	1.1	264.5	264.5	265.5	1.0
D	23,372	440	2,387	2.3	265.5	265.5	266.5	1.0
E	27,092	778	2,996	1.8	269.3	269.3	270.3	1.0
F	30,067	788	2,828	1.9	271.9	271.9	272.8	0.9
G	32,667	1,169	3,755	1.4	274.4	274.4	275.3	0.9
H	33,145	180	1,109	3.9	275.7	275.7	276.1	0.4
I	33,320	96	1,016	4.2	276.5	276.5	276.5	0.0
J	35,120	196	1,243	3.5	278.6	278.6	279.6	1.0
K	36,995	346	1,338	3.2	280.4	280.4	281.1	0.7
L	37,690	359	2,263	1.8	285.6	285.6	285.6	0.0
M	40,640	450	1,398	2.5	286.0	286.0	286.6	0.6

[1] FEET ABOVE MOUTH

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TWIN LAKES CREEK H – VAUGHN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
VAUGHN CREEK TRIBUTARY 2								
A	680	29	66	5.1	276.5	272.9[2]	273.1	0.2
B	967	30	219	1.4	280.7	280.7	281.2	0.5
C	1,267	20	61	5.0	280.7	280.7	281.3	0.6
D	2,117	27	71	3.3	284.8	284.8	285.6	0.8
E	2,807	24	69	3.3	288.3	288.3	288.9	0.6
WHITE OAK CREEK								
A	3,379	90	945	6.8	283.1	281.5[3]	282.5	1.0
B	6,494	401	2604	2.4	288.5	288.5	289.4	0.9
C	9,504	70	1122	5.3	296.1	296.1	296.9	0.8
D	12,619	61	853	7.0	301.3	301.3	301.8	0.5
E	13,253	78	970	6.0	302.7	302.7	303.0	0.3
F	16,368	85	508	10.2	308.1	308.1	308.5	0.4

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM VAUGHN CREEK
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM HANGING MOSS CREEK

TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

VAUGHN CREEK TRIBUTARY 2 – WHITE OAK CREEK

Encroachment into areas subject to inundation by floodwaters having hazardous velocities aggravates the risk of flood damage, and heightens potential flood hazards by further increasing velocities. In order to reduce the risk of property damage in areas where the stream velocities are high, the county may wish to restrict development in areas outside the floodway.

The area between the floodway and 1-percent annual chance floodplain boundaries is termed the floodway fringe. The floodway fringe encompasses the portion of the floodplain that could be completely obstructed without increasing the water-surface elevation of the 1-percent annual chance flood more than 1.0 foot at any point. Typical relationships between the floodway and the floodway fringe and their significance to floodplain development are shown in Figure 1--Floodway Schematic.

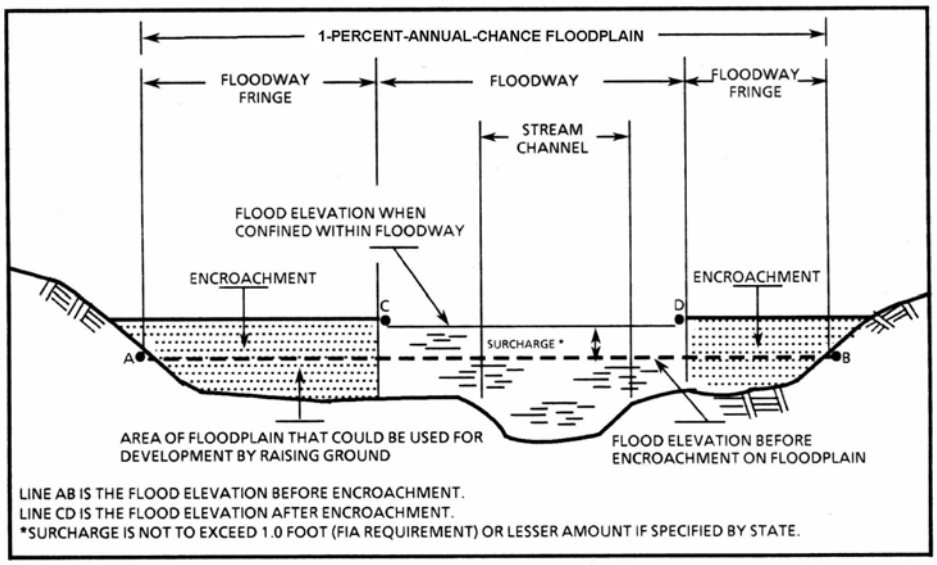

Figure 1 -- Floodway Schematic

5.0 INSURANCE APPLICATION

For flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. These zones are as follows:

Zone A

Zone A is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no base (1-percent-annual-chance) flood elevations (BFEs), or base flood depths are shown within this zone.

Zone AE

Zone AE is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by detailed methods. In most instances, whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone X

Zone X is the flood insurance risk zone that corresponds to areas outside the 0.2-percent annual chance floodplain, areas within the 0.2-percent annual chance floodplain, areas of 1-percent annual chance flooding where average depths are less than 1 foot, areas of 1-percent annual chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the base flood by levees. No BFEs or depths are shown within this zone.

Zone D

Zone D is the flood insurance rate zone that corresponds to unstudied areas where flood hazards are undetermined, but possible.

6.0 FLOOD INSURANCE RATE MAP

The FIRM is designed for flood insurance and floodplain management applications.

For flood insurance applications, the map designates flood insurance risk zones as described in Section 5.0 and, in the 1-percent annual chance floodplains that were studied by detailed methods, shows selected whole-foot BFEs or average depths. Insurance agents use the zones and BFEs in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

For floodplain management applications, the map shows by tints, screens, and symbols, the 1-percent annual chance floodplain and the locations of selected cross sections used in the hydraulic analyses and floodway computations.

The countywide FIRM presents flooding information for the entire geographic area of Hinds County. Previously, FIRMs were prepared for each incorporated community and the unincorporated areas of the County identified as flood-prone. This countywide FIRM also includes flood-hazard information that was presented separately on Flood Boundary and Floodway Maps (FBFMs), where applicable. Historical data relating to the maps prepared for each community up to and including this countywide FIS, are presented in Table 7, “Community Map History.”

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISIONS DATE	FIRM EFFECTIVE DATE	FIRM REVISIONS DATE
Bolton, Town of	April 22, 1977	----	April 3, 1978	----
Clinton, City of	June 14, 1974	November 12, 1976 July 11, 1980	August 17, 1981	----
Hinds County (Unincorporated Areas)	October 18, 1974	February 24, 1978	July 2, 1979	September 3, 1992
Jackson, City of	December 6, 1974	October 17, 1975	April 1, 1980	June 25, 1982 September 18, 1986 December 16, 1988 April 4, 1994 June 16, 1999
Raymond, Town of	November 3, 1978	----	August 1, 1986	----
Terry, Town of	February 1, 1974	February 20, 1976	April 3, 1978	November 4, 1992

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

COMMUNITY MAP HISTORY

7.0 OTHER STUDIES

This FIS report either supersedes or is compatible with all previous studies published on streams studied in this report and should be considered authoritative for the purposes of the NFIP.

8.0 LOCATION OF DATA

Information concerning the pertinent data used in the preparation of this study can be obtained by contacting Federal Insurance and Mitigation Division, FEMA Region IV, Koger-Center — Rutgers Building, 3003 Chamblee Tucker Road, Atlanta, GA 30341.

9.0 BIBLIOGRAPHY AND REFERENCES

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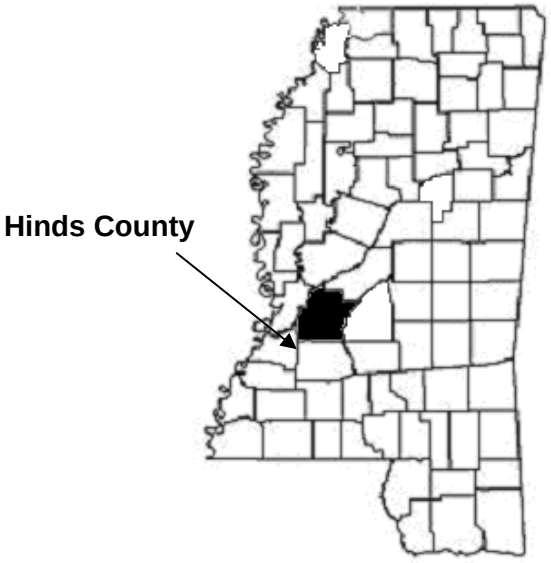
FLOOD INSURANCE STUDY

HINDS COUNTY, MISSISSIPPI
AND INCORPORATED AREAS

VOLUME 2 OF 5



COMMUNITY NAME	COMMUNITY NUMBER
BOLTON, TOWN OF	280216
CLINTON, CITY OF	280071
HINDS COUNTY (UNINCORPORATED AREAS)	280070
JACKSON, CITY OF	280072
RAYMOND, TOWN OF	280320
TERRY, TOWN OF	280073

EFFECTIVE:

Federal Emergency Management Agency
FLOOD INSURANCE STUDY NUMBER
28049CV002A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

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

Initial Countywide FIS Effective Date:

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Lindsey Creek Tributary 2	Panel 165P
Lindsey Creek Tributary 3	Panel 166P
Little Bakers Creek	Panel 167P
Little Bakers Creek Tributary 1	Panel 171P
Little Bakers Creek Tributary 2	Panel 172P
Little Bakers Creek Tributary 3	Panel 173P
Little Bakers Creek Tributary 3-1	Panel 174P
Little Bakers Creek Tributary 4	Panel 175P
Little Bakers Creek Tributary 5	Panel 176P
Little Bakers Creek Tributary 6	Panel 177P
Little Creek	Panel 178P
Lynch Creek	Panel 179P
Lynch Creek Tributary 1	Panel 186P
Lynch Creek Tributary 2	Panel 188P
Lynch Creek Tributary 3	Panel 189P
Lynch Creek Tributary 4	Panel 190P
Lynch Creek Tributary 4-1	Panel 193P
Lynch Creek Tributary 5	Panel 195P
Lynch Creek Tributary 5-1	Panel 198P
Lynch Creek Tributary 6	Panel 199P
McDonald Creek	Panel 202P
Patrol Creek	Panel 203P
Pearl River	Panel 204P
Pearl River Tributary 1	Panel 208P
Pearl River Tributary 2	Panel 210P
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Rhodes Creek Tributary 2	Panel 220P
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Rhodes Creek Tributary 5	Panel 223P
Rhodes Creek Tributary 6	Panel 224P
Robertson Creek	Panel 225P
School Creek	Panel 226P
Smith Creek	Panel 228P
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Straight Fence Creek Tributary 3	Panel 251P
Straight Fence Creek Tributary 3-1	Panel 253P
Straight Fence Creek Tributary 4	Panel 254P
Straight Fence Creek Tributary 5	Panel 255P
Straight Fence Creek Tributary 5-1	Panel 256P
Straight Fence Creek Tributary 6	Panel 257P
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Town Creek Tributary 2	Panel 277P
Town Creek Tributary 3	Panel 278P
Town Creek Tributary 4	Panel 280P
Town Creek Tributary 5	Panel 284P
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EXHIBITS – continued

Exhibit 1 - Flood Profiles - continued

Trahon Creek Tributary 2	Panel 290P
Trahon Creek Tributary 3	Panel 295P
Turkey Creek	Panel 297P
Turkey Creek Tributary 1	Panel 300P
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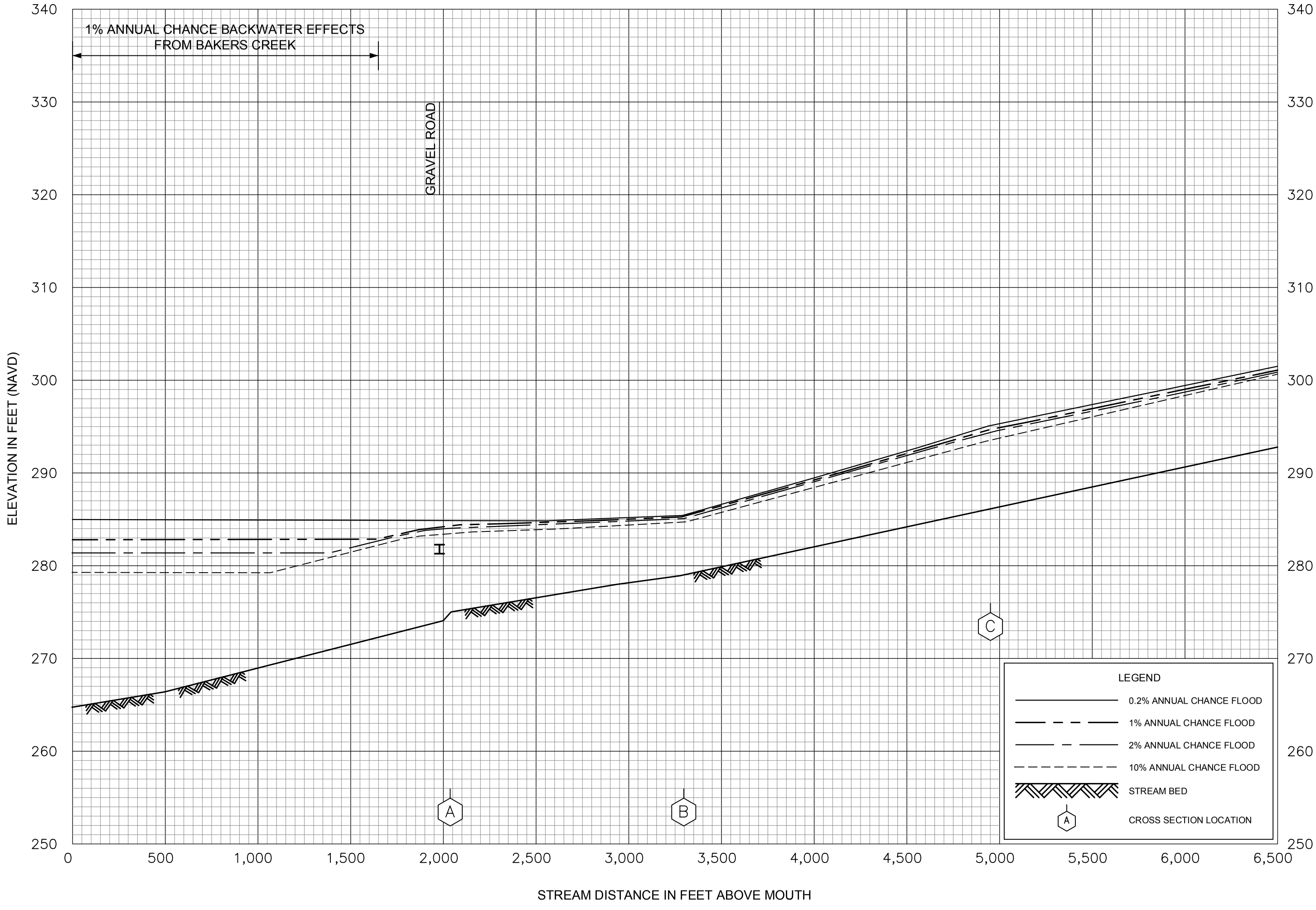
Vaughn Creek Tributary 3-1	Panel 316P
Vaughn Creek Tributary 3-2	Panel 317P
White Oak Creek (City of Jackson)	Panel 318P
White Oak Creek	Panel 321P

Exhibit 2 - Flood Insurance Rate Map Index
Flood Insurance Rate Map

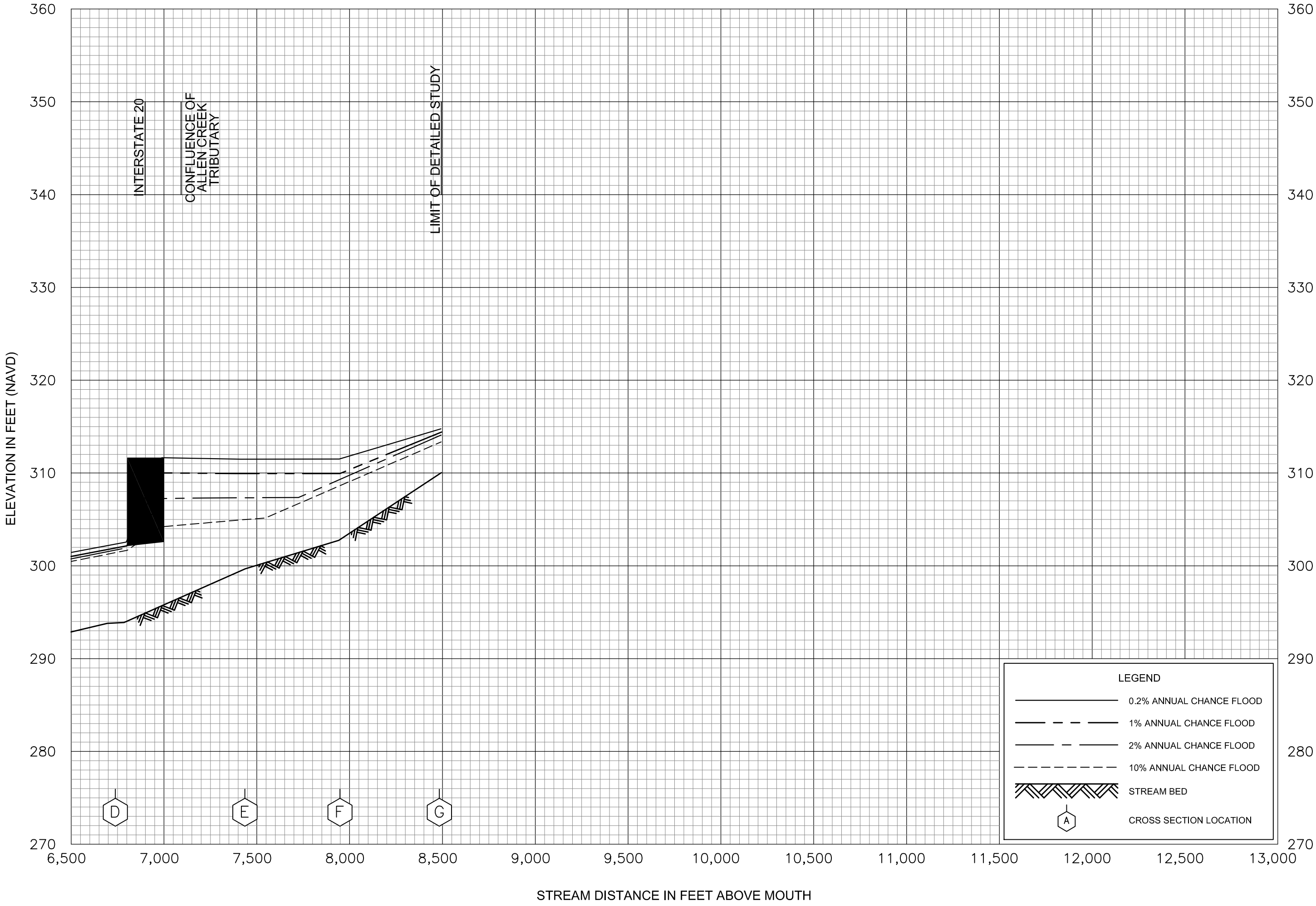


FLOOD PROFILES

ALLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

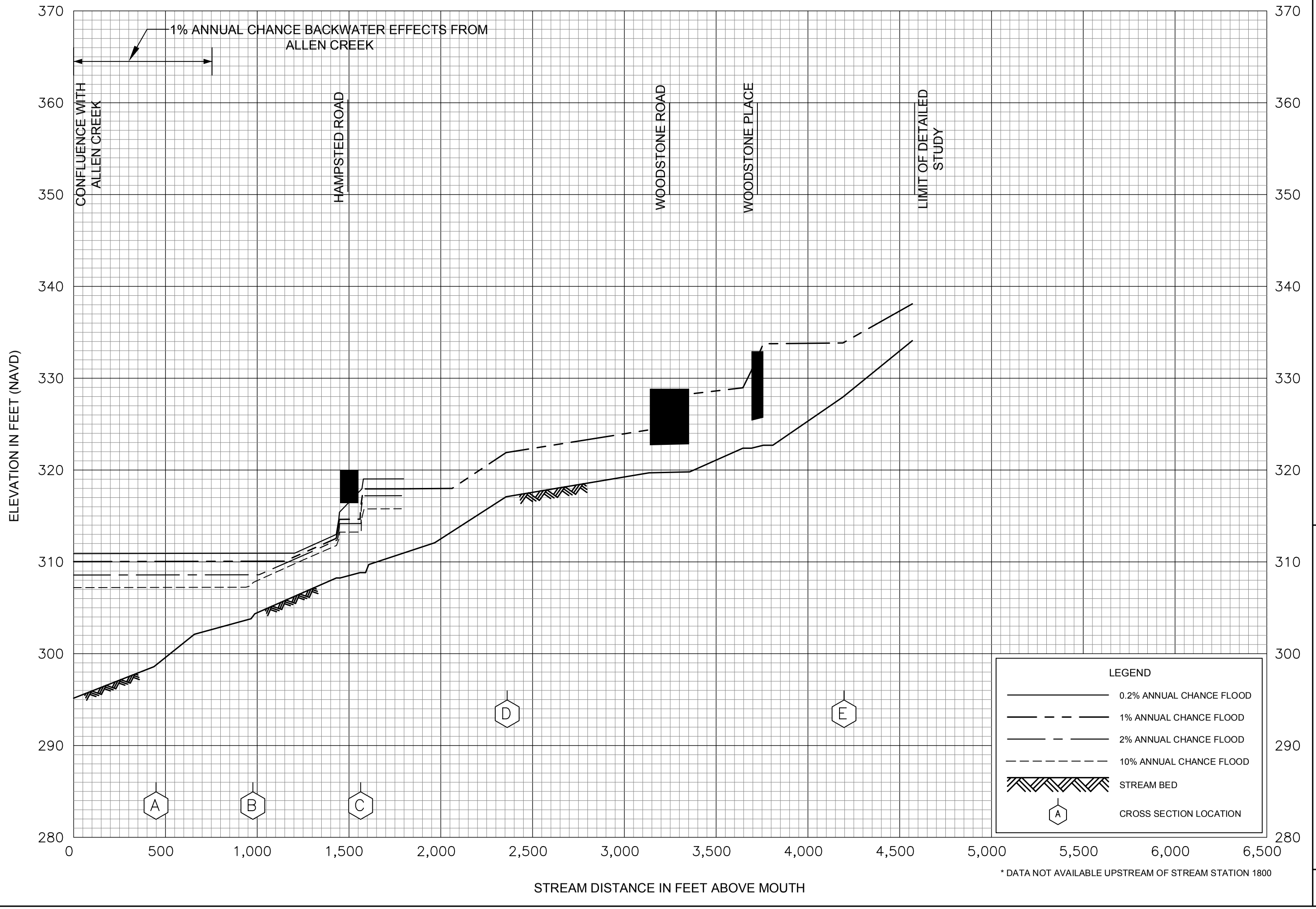


FLOOD PROFILES

ALLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



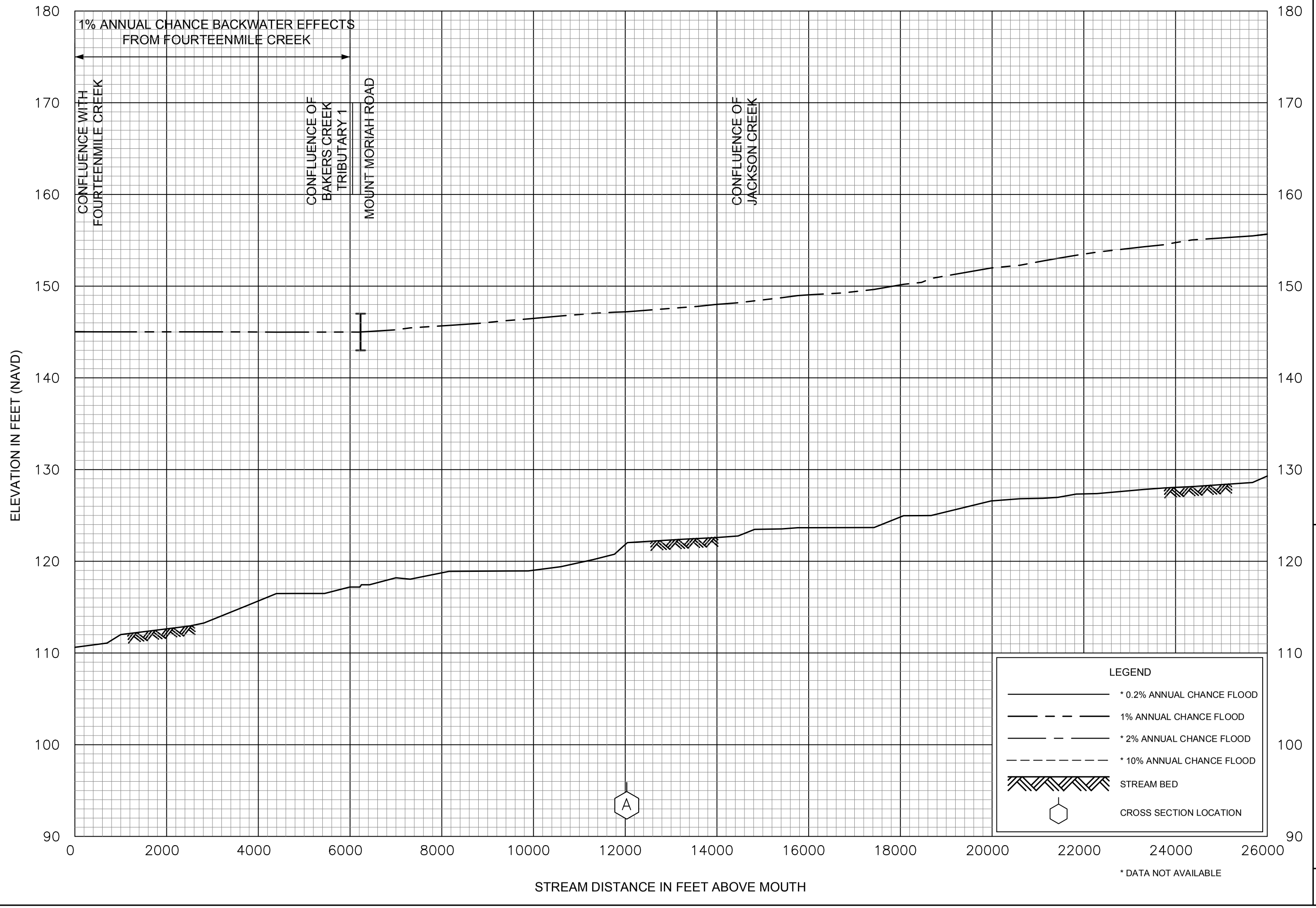
FLOOD PROFILES

ALLEN CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

3P



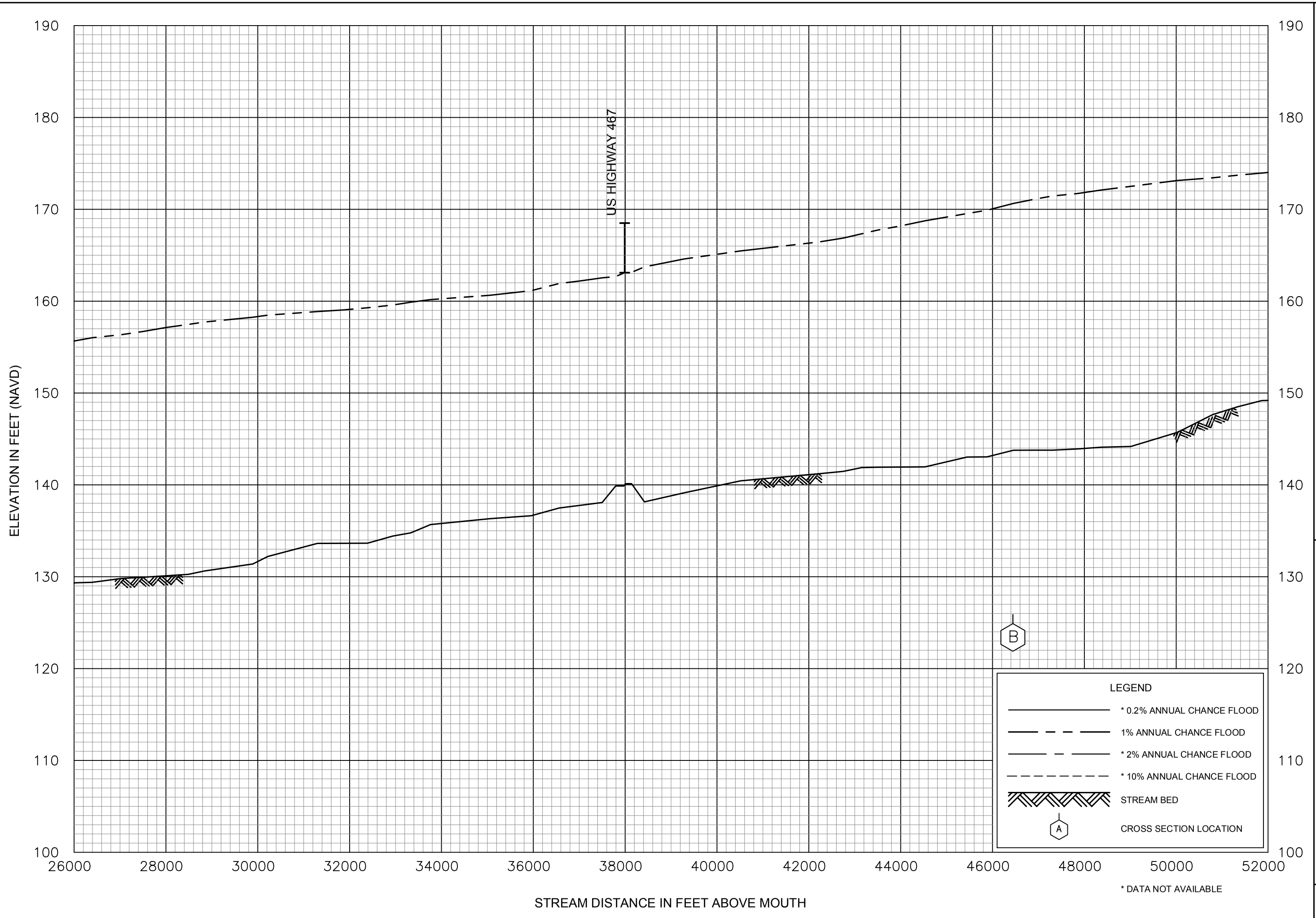
FLOOD PROFILES

BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

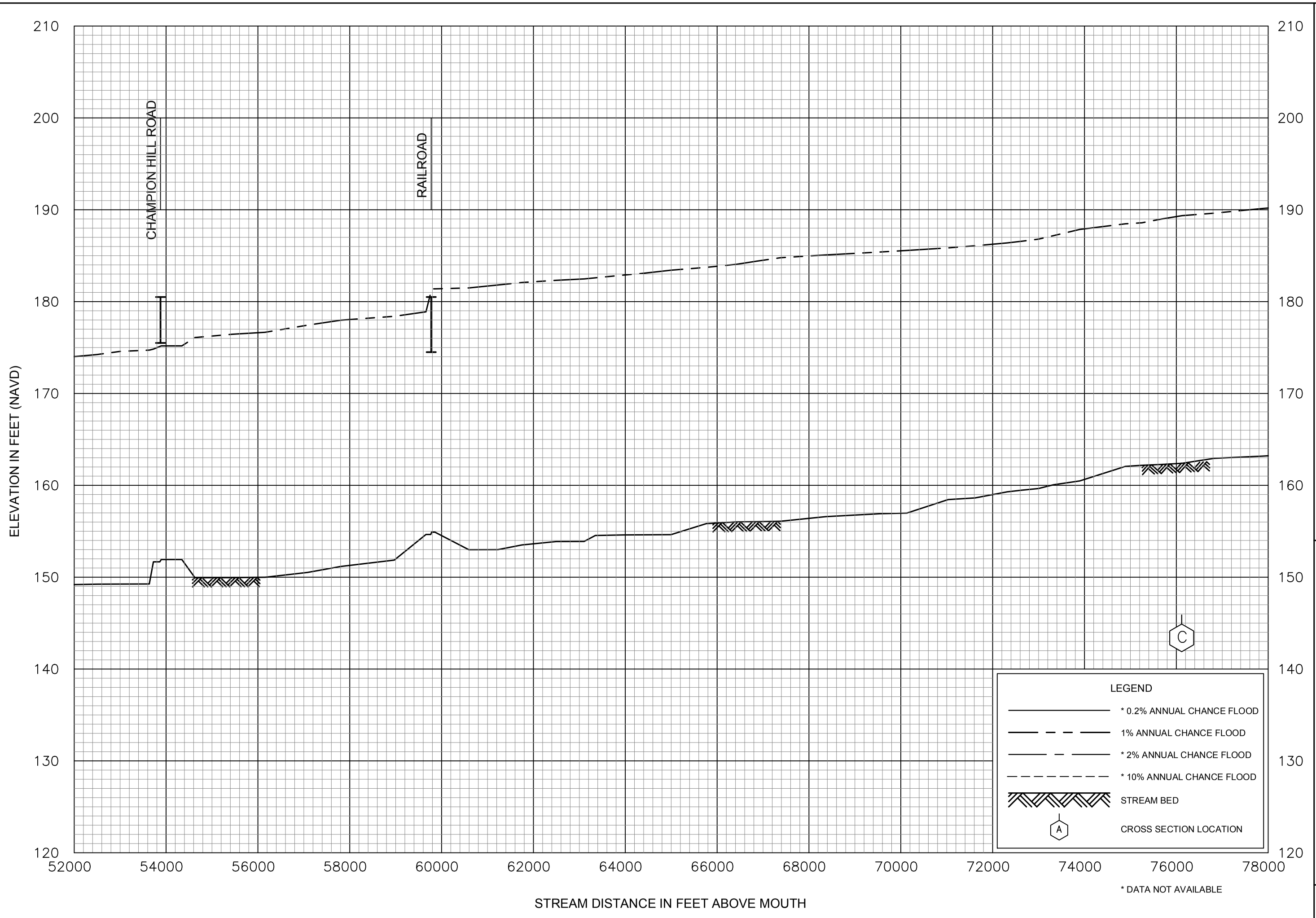
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

5P



FLOOD PROFILES

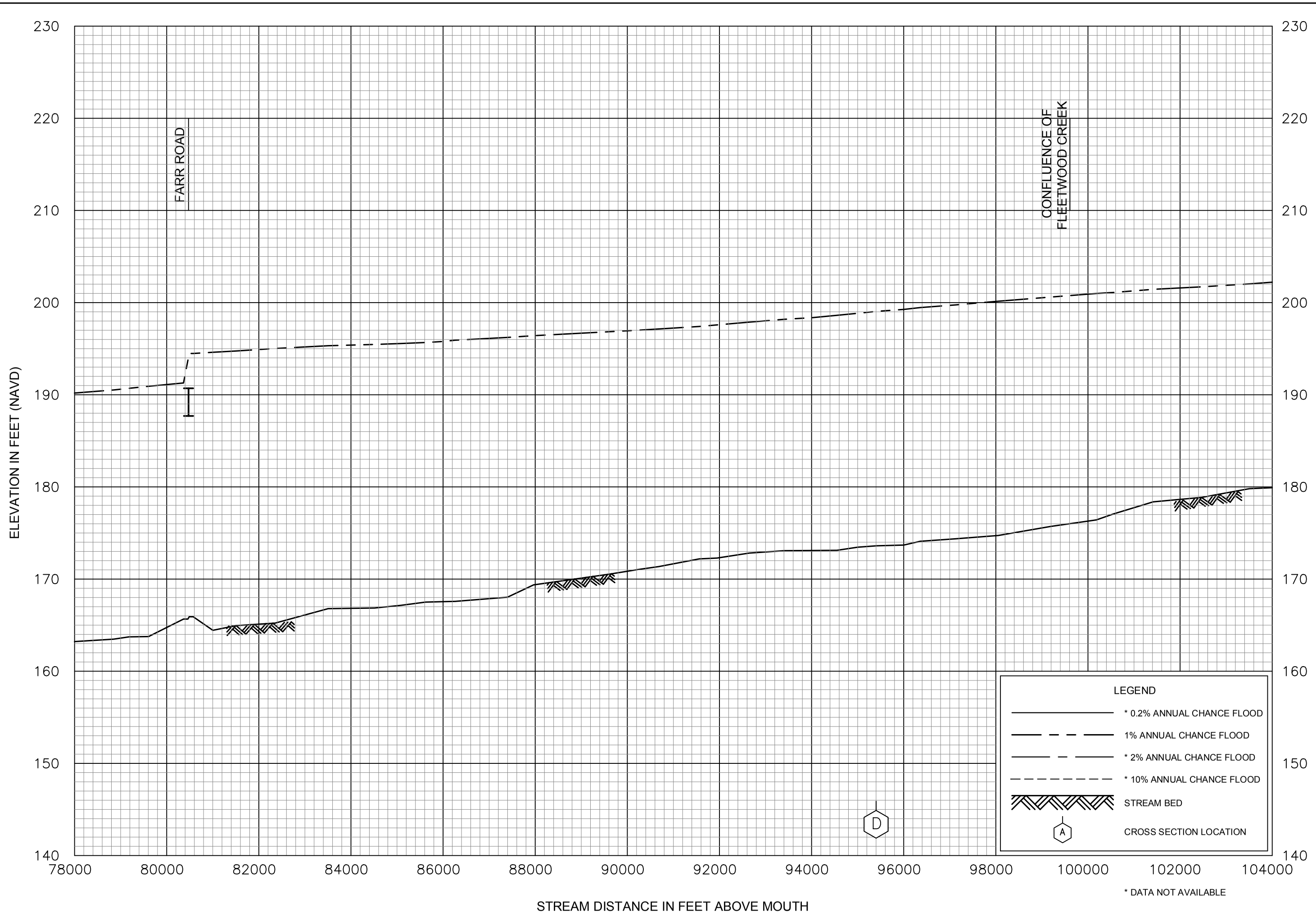
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

6P



FLOOD PROFILES

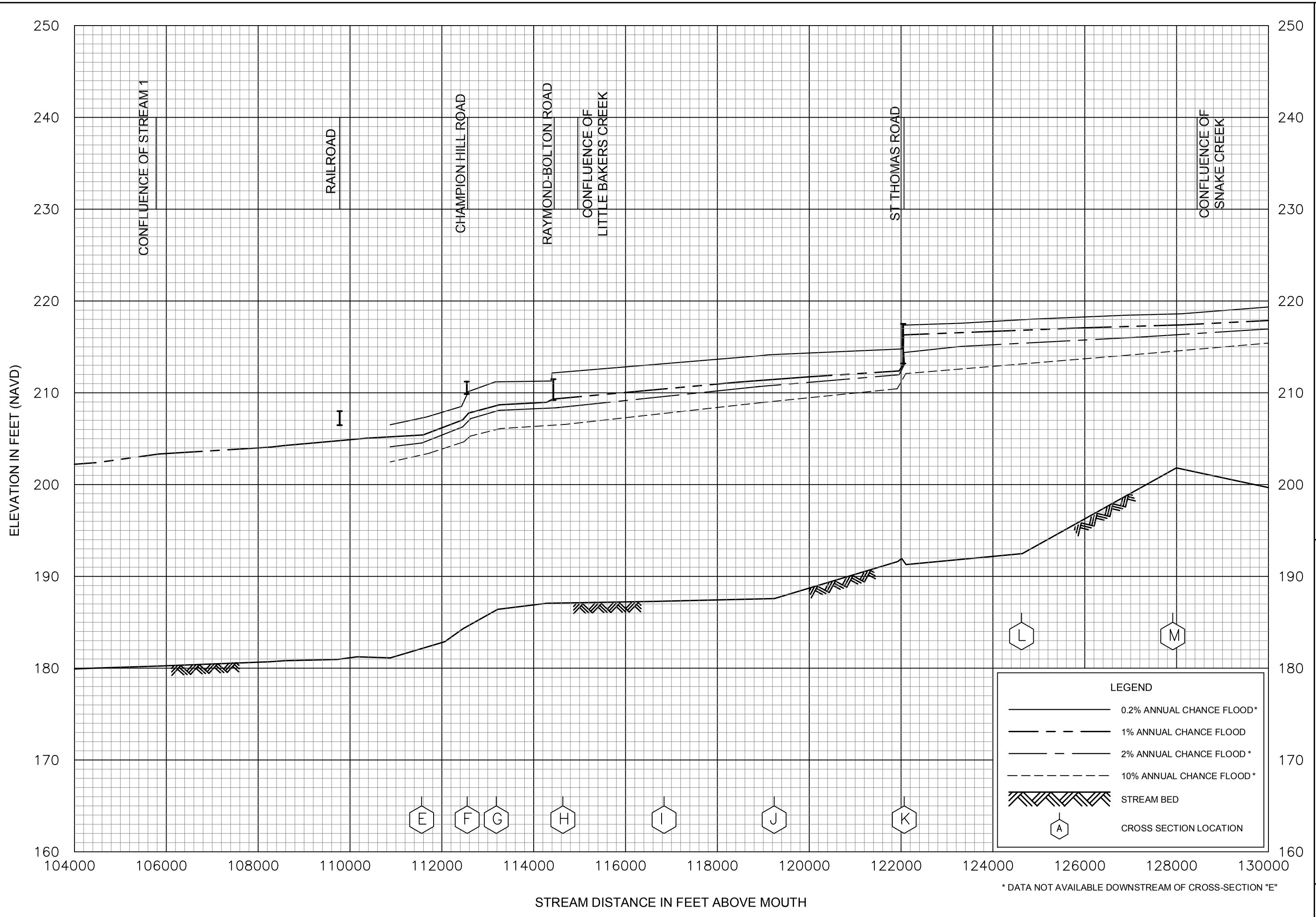
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

7P



FLOOD PROFILES

BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

8P

ELEVATION IN FEET (NAVD)

270
260
250
240
230
220
210
200
190
180

130000 132000 134000 136000 138000 140000 142000 144000 146000 148000 150000 152000 154000 156000

STREAM DISTANCE IN FEET ABOVE MOUTH

CONFLUENCE OF LINDSEY CREEK

N O P Q R S

LEGEND

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

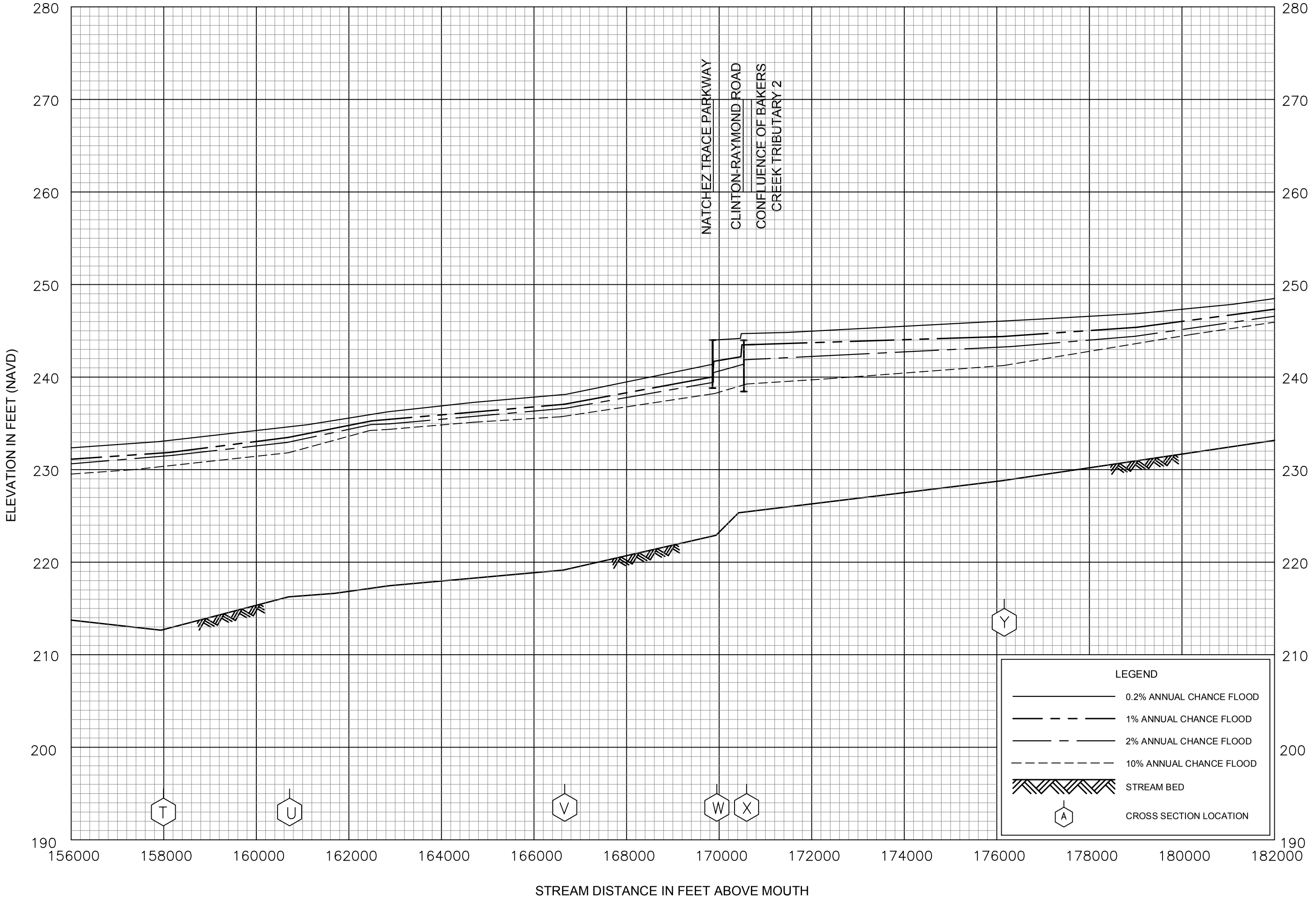
FLOOD PROFILES

BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

9P

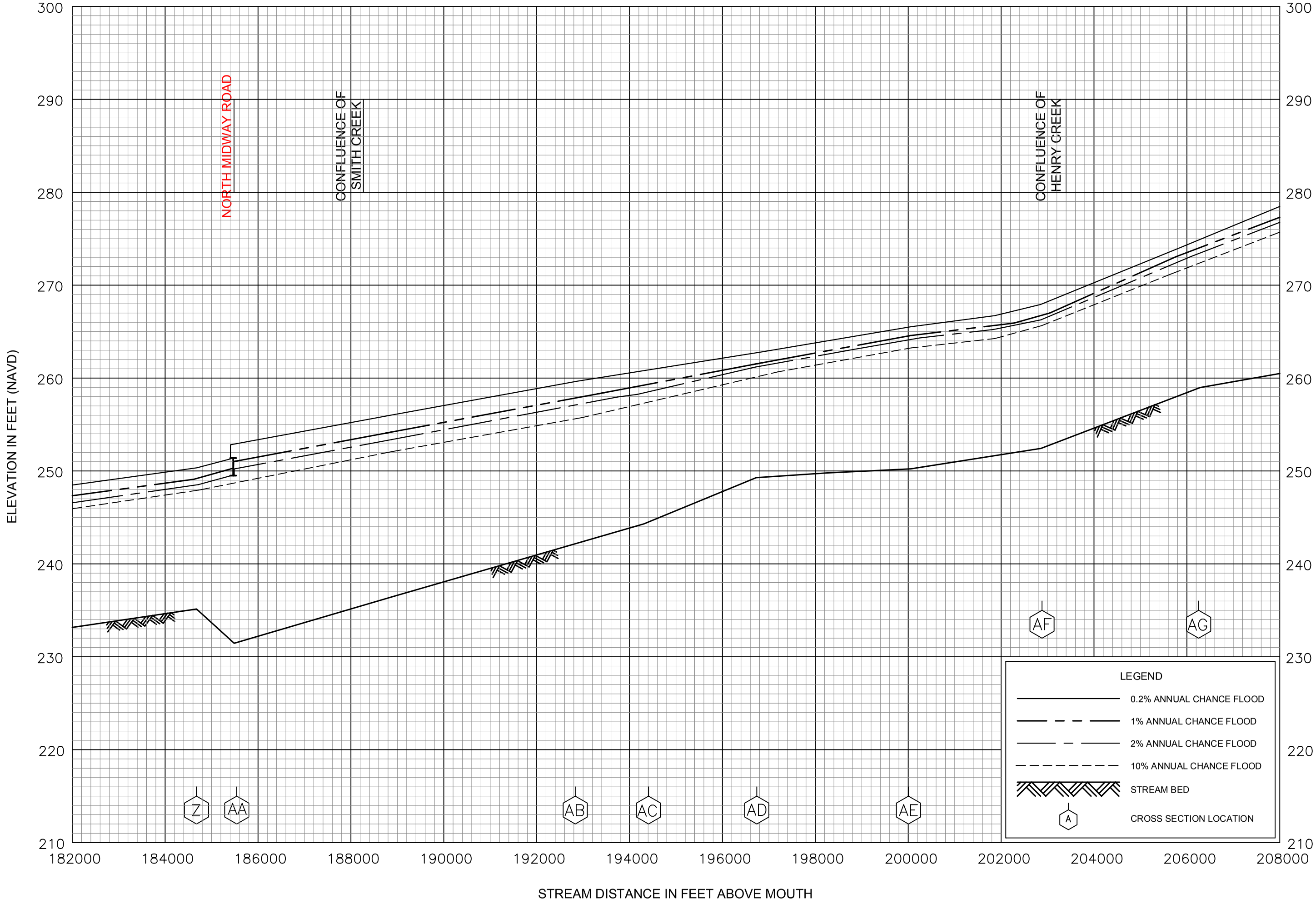


FLOOD PROFILES

BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



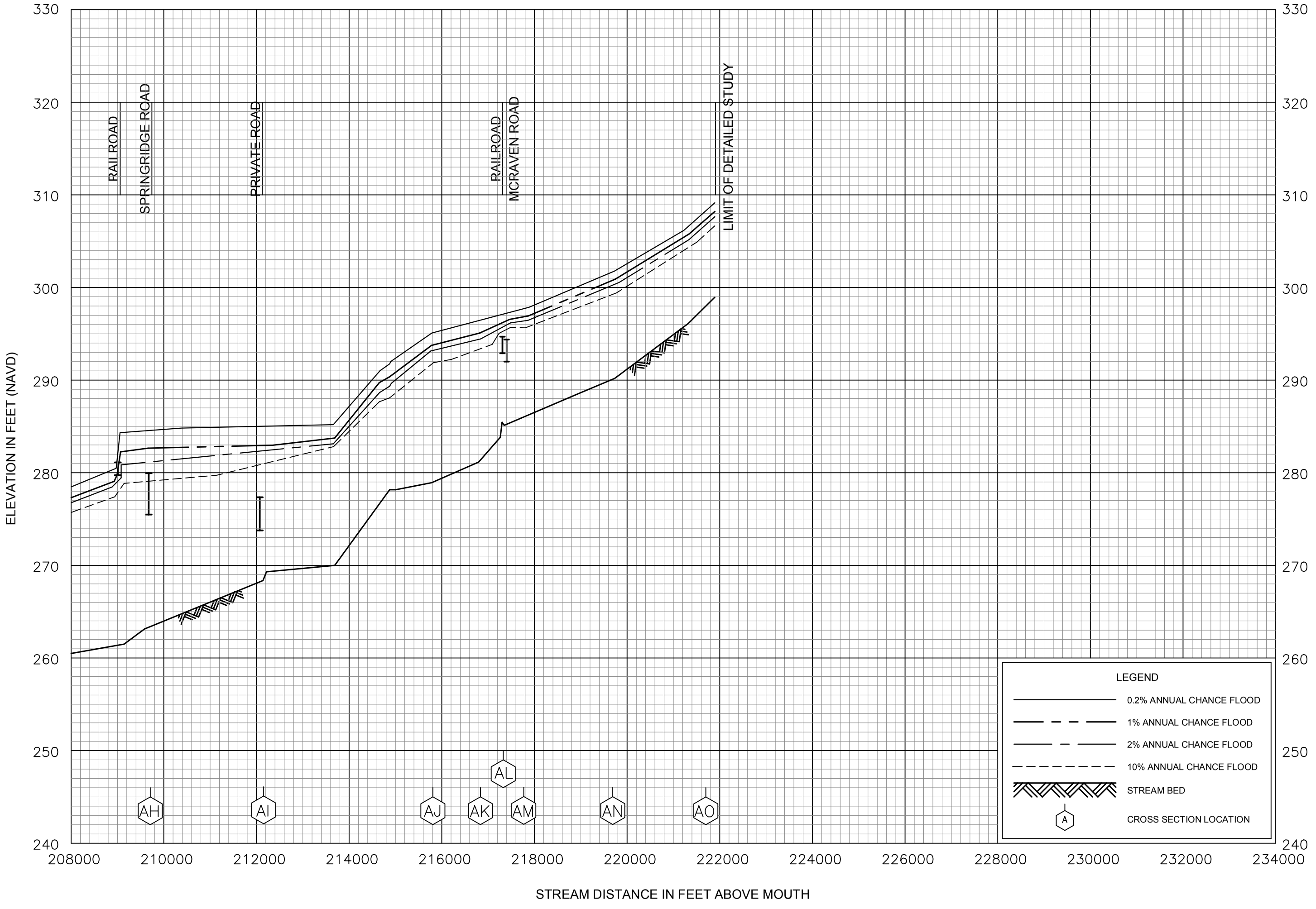
FLOOD PROFILES

BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

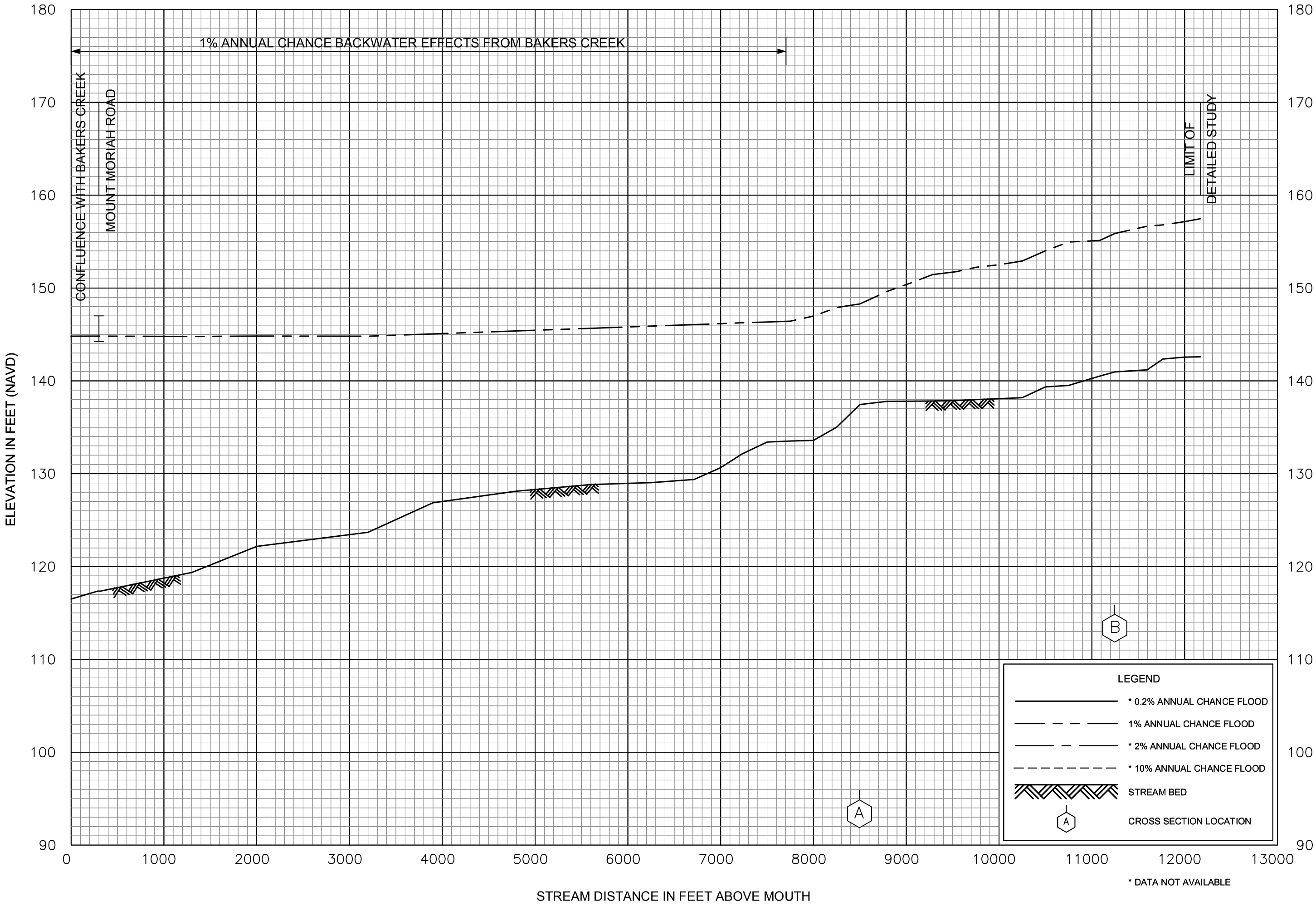


FLOOD PROFILES

BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

BAKERS CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM BAKERS CREEK

CONFLUENCE WITH BAKERS CREEK

RAILROAD

ELEVATION IN FEET (NAVD)

265
260
255
250
245
240
235
230
225
220

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

STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

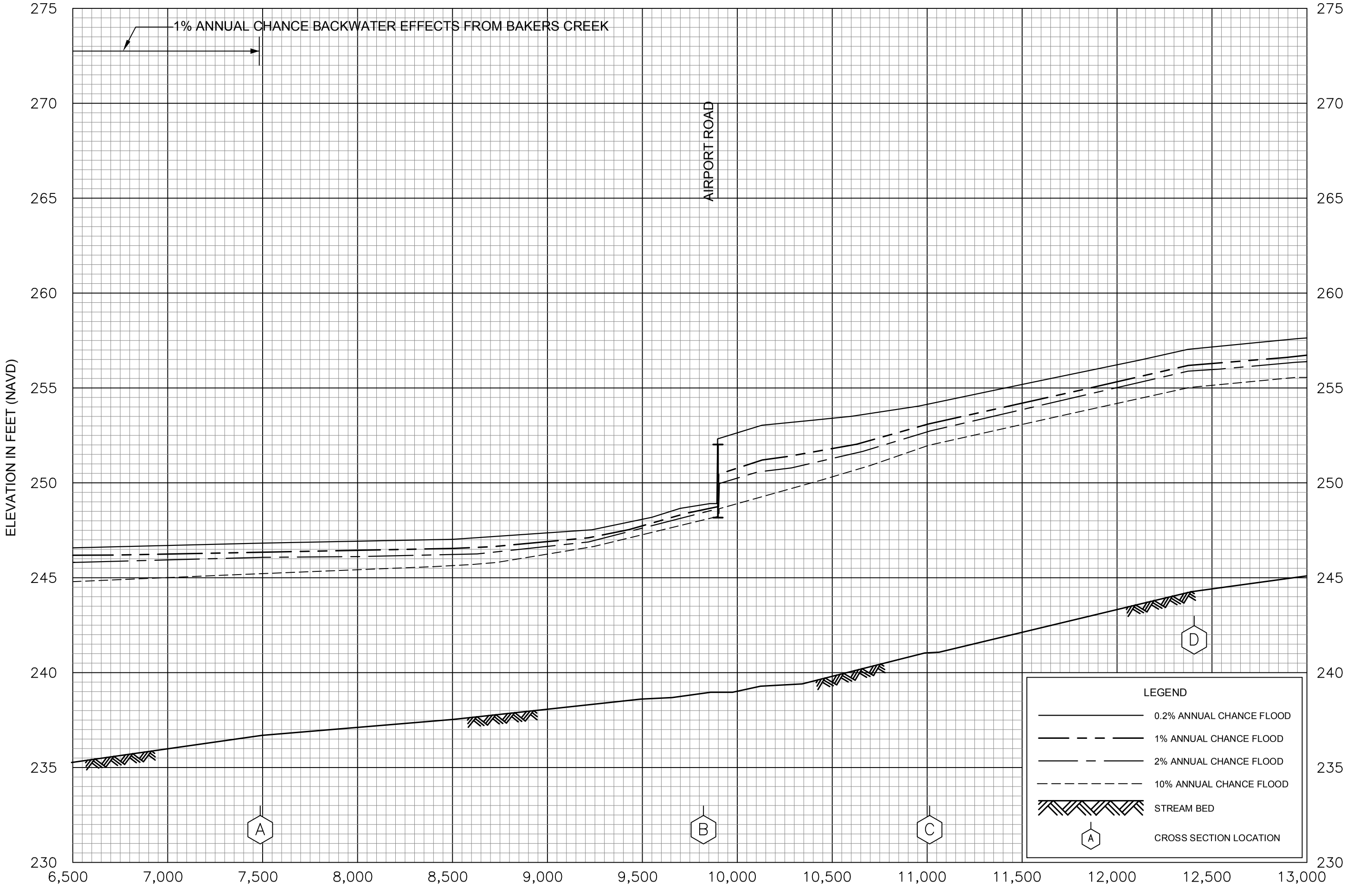
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- A — CROSS SECTION LOCATION

FLOOD PROFILES

BAKERS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

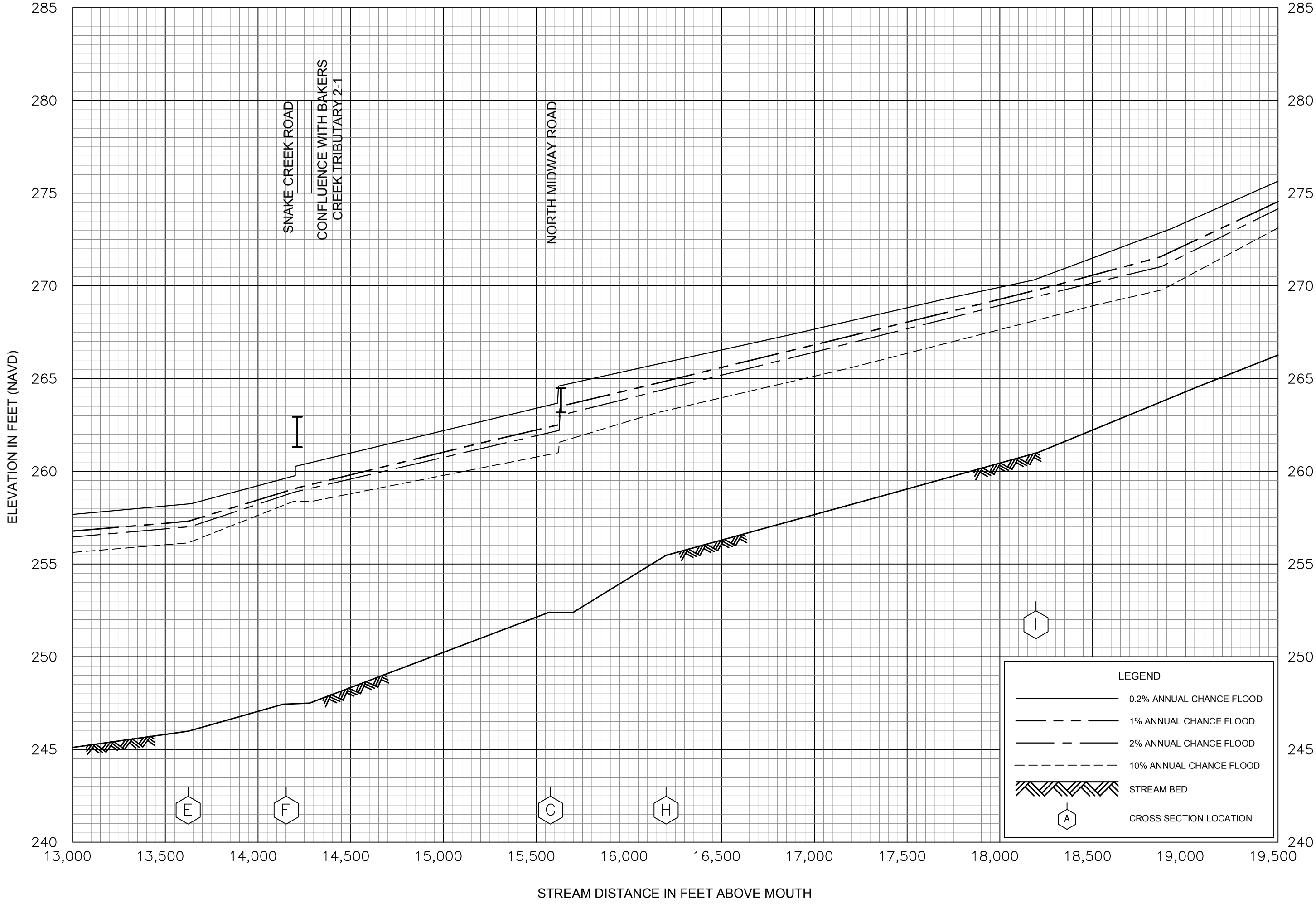


FLOOD PROFILES

BAKERS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

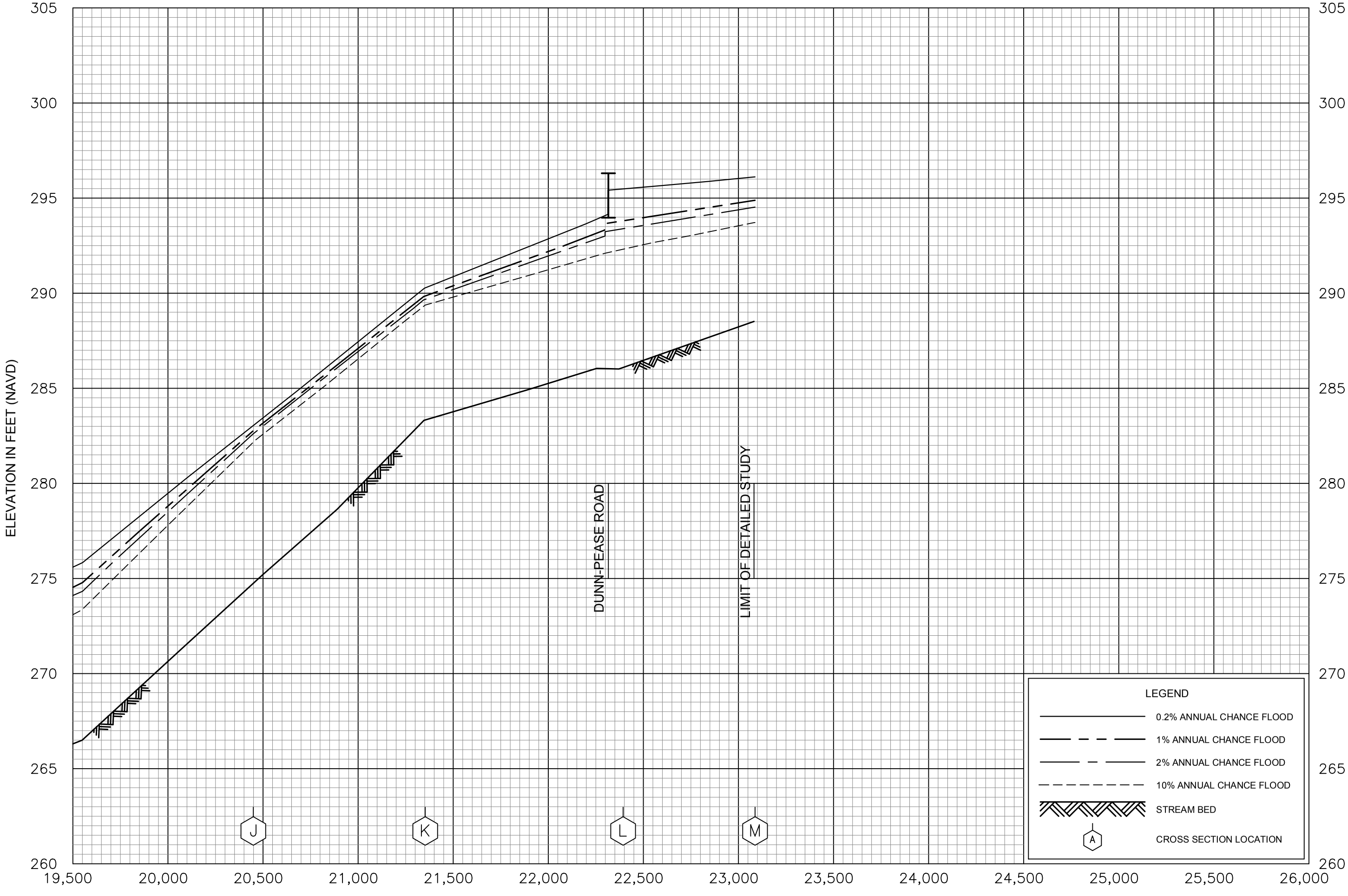


FLOOD PROFILES

BAKERS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

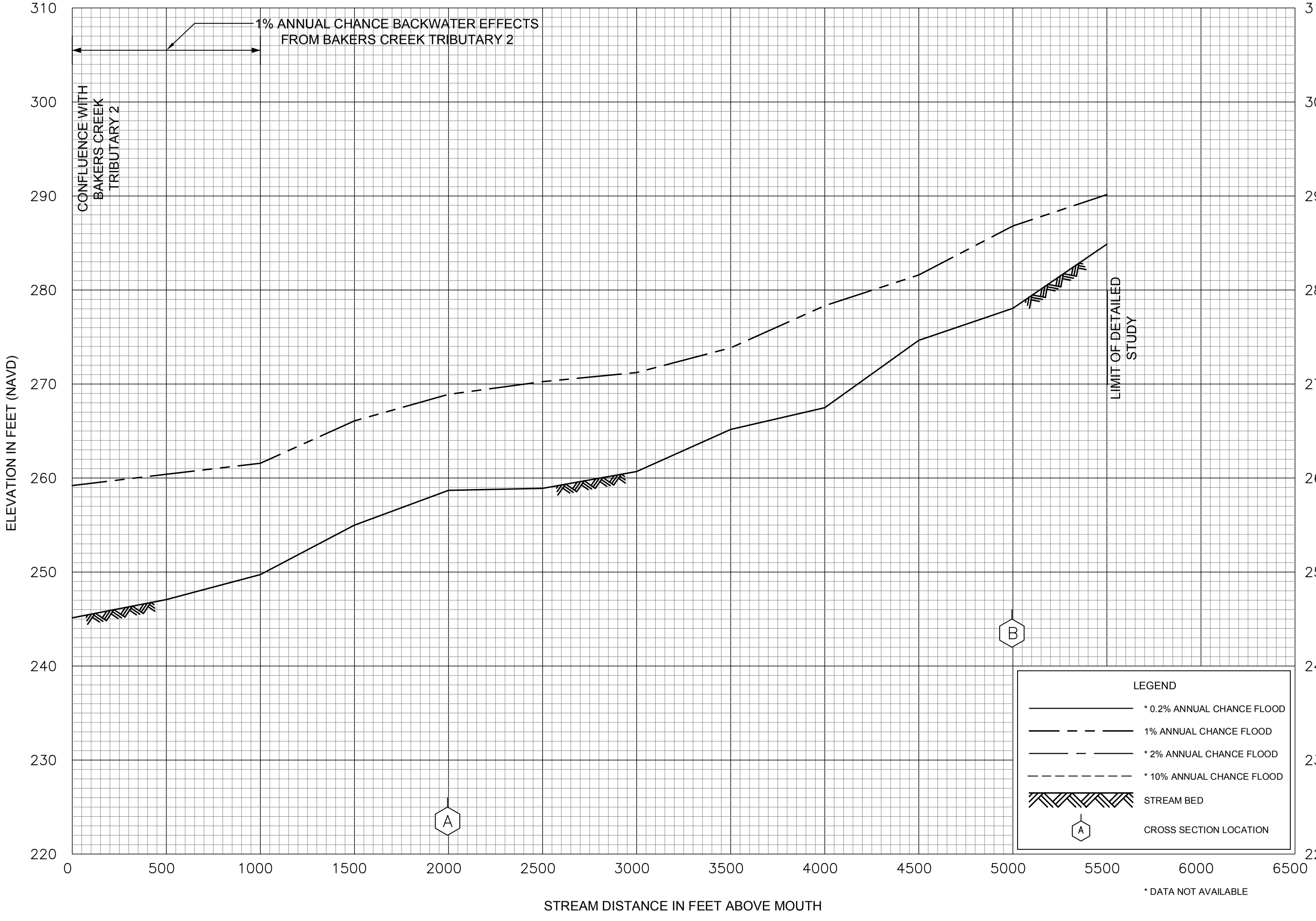


FLOOD PROFILES

BAKERS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

BAKERS CREEK TRIBTUARY 2-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

ELEVATION IN FEET (NAVD)

290
285
280
275
270
265
260
255
250
245

2000
2250
2500
2750
3000
3250
3500
3750
4000
4250
4500
4750
5000
5250

STREAM DISTANCE IN FEET ABOVE MOUTH

DOWNSTREAM FLOOD ELEVATIONS CONTROLLED BY PEARL RIVER

U.S. INTERSTATE 55

RAILROAD

LAUREL ST

LIMIT OF DETAILED STUDY

A
B
C
D

LEGEND

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

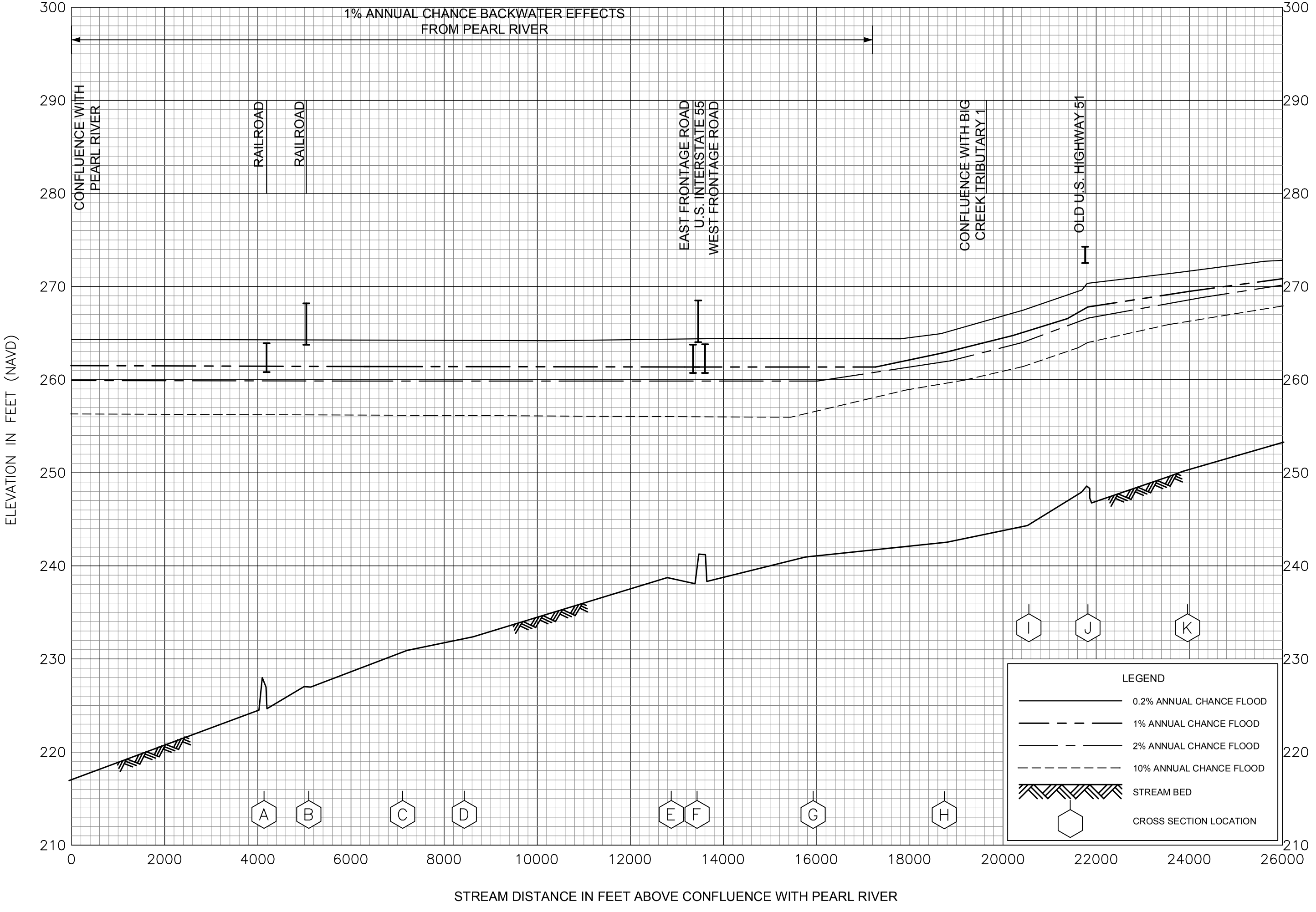
FLOOD PROFILES

BELHAVEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

19P



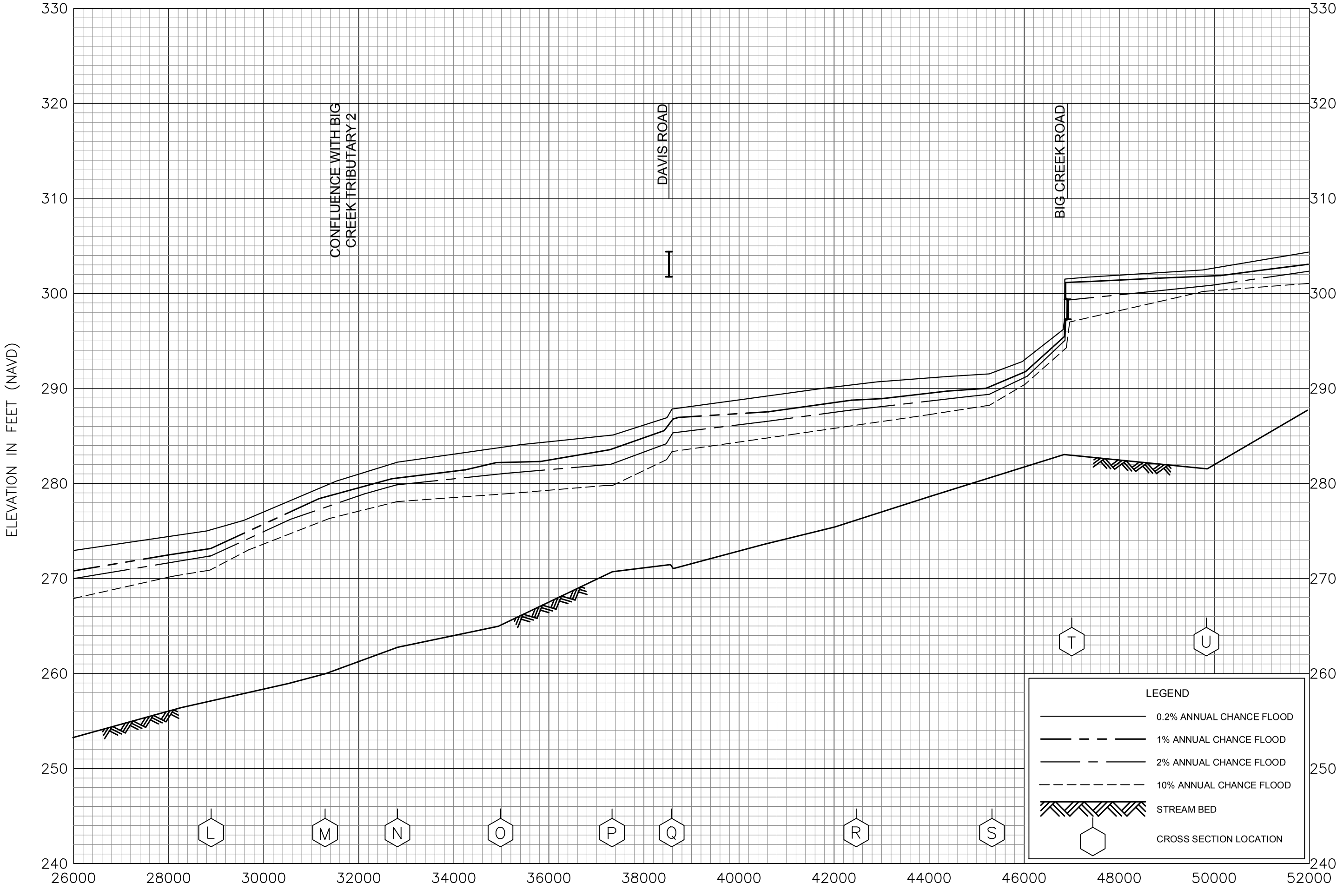
FLOOD PROFILES

BIG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

20P



FLOOD PROFILES

BIG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)

370
360
350
340
330
320
310
300
290
280

52000 54000 56000 58000 60000 62000 64,000 66,000 68,000 70,000 72,000 74,000 76,000 78,000

BROADWATER ROAD
CONFLUENCE WITH BIG CREEK TRIBUTARY 3
RAYMOND ROAD
CONFLUENCE WITH BIG CREEK TRIBUTARY 5
CONFLUENCE WITH BIG CREEK TRIBUTARY 7

V W X Y Z AA AB AC AD AE

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

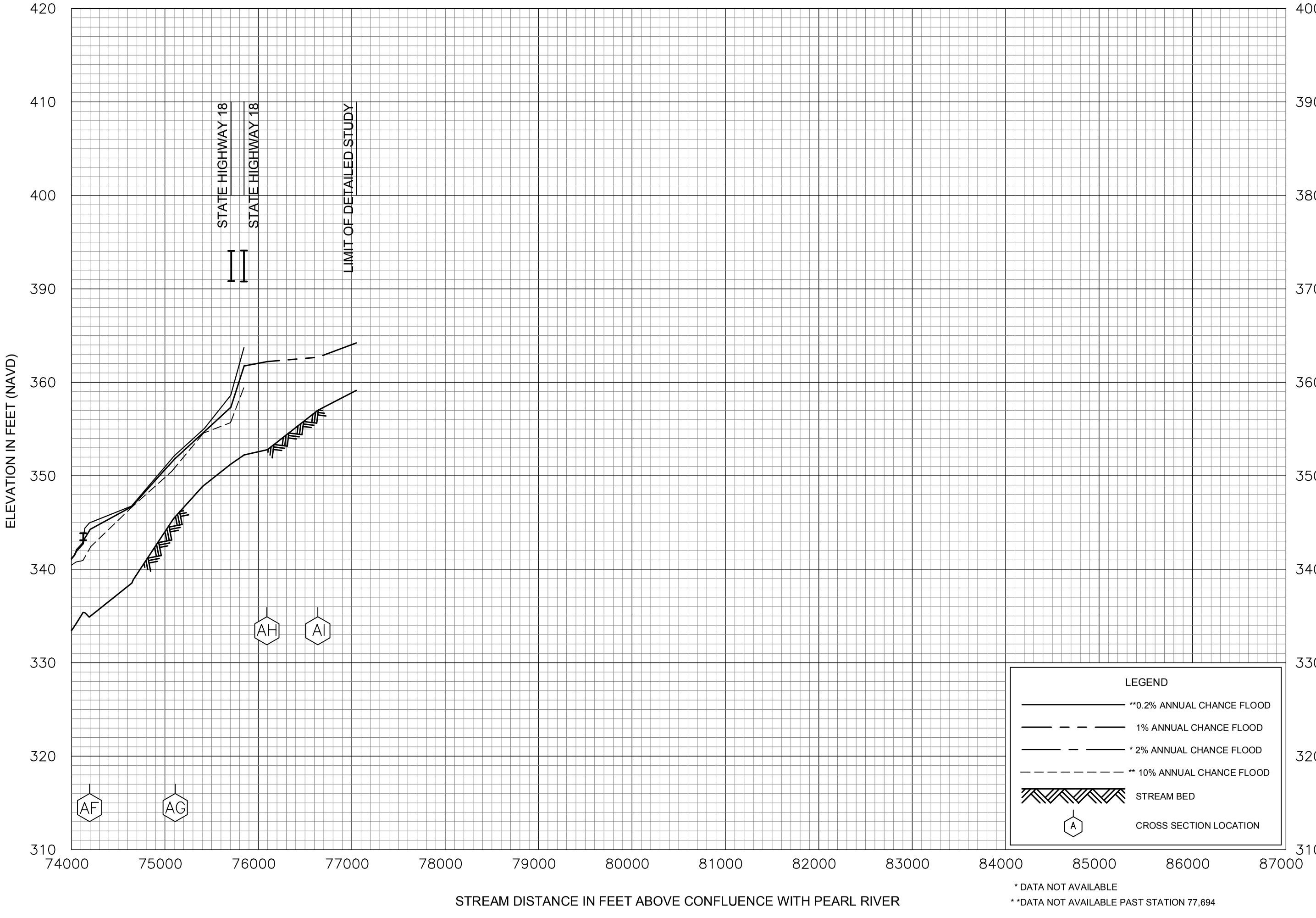
* DATA NOT AVAILABLE PAST STATION 64,200

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PEARL RIVER

FLOOD PROFILES

BIG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

BIG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM BIG CREEK

GARY ROAD

CULVERT

ELEVATION IN FEET (NAVD)

320
310
300
290
280
270
260
250
240
230

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D E F

LEGEND

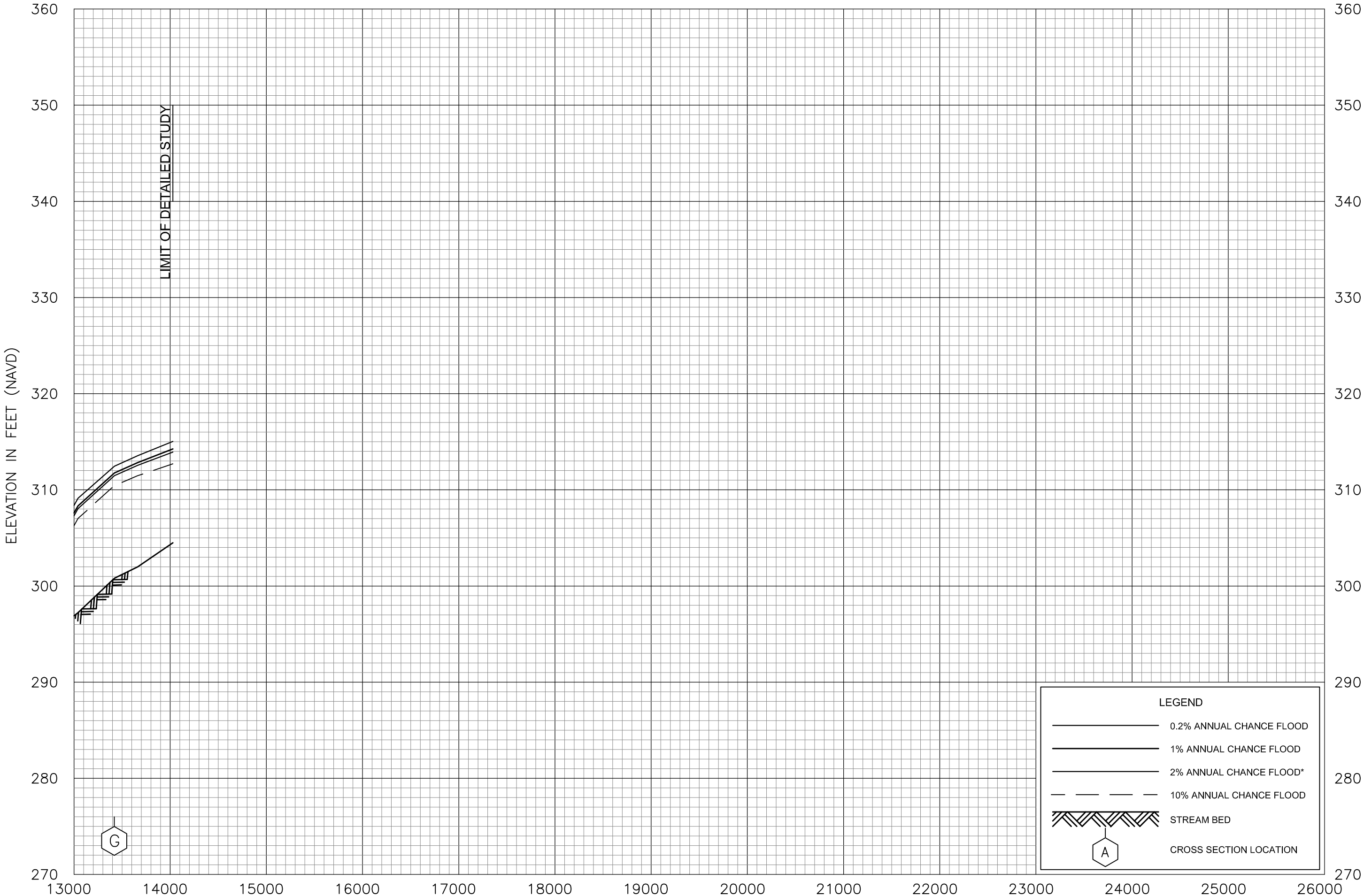
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD*
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- A — CROSS SECTION LOCATION

FLOOD PROFILES

BIG CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



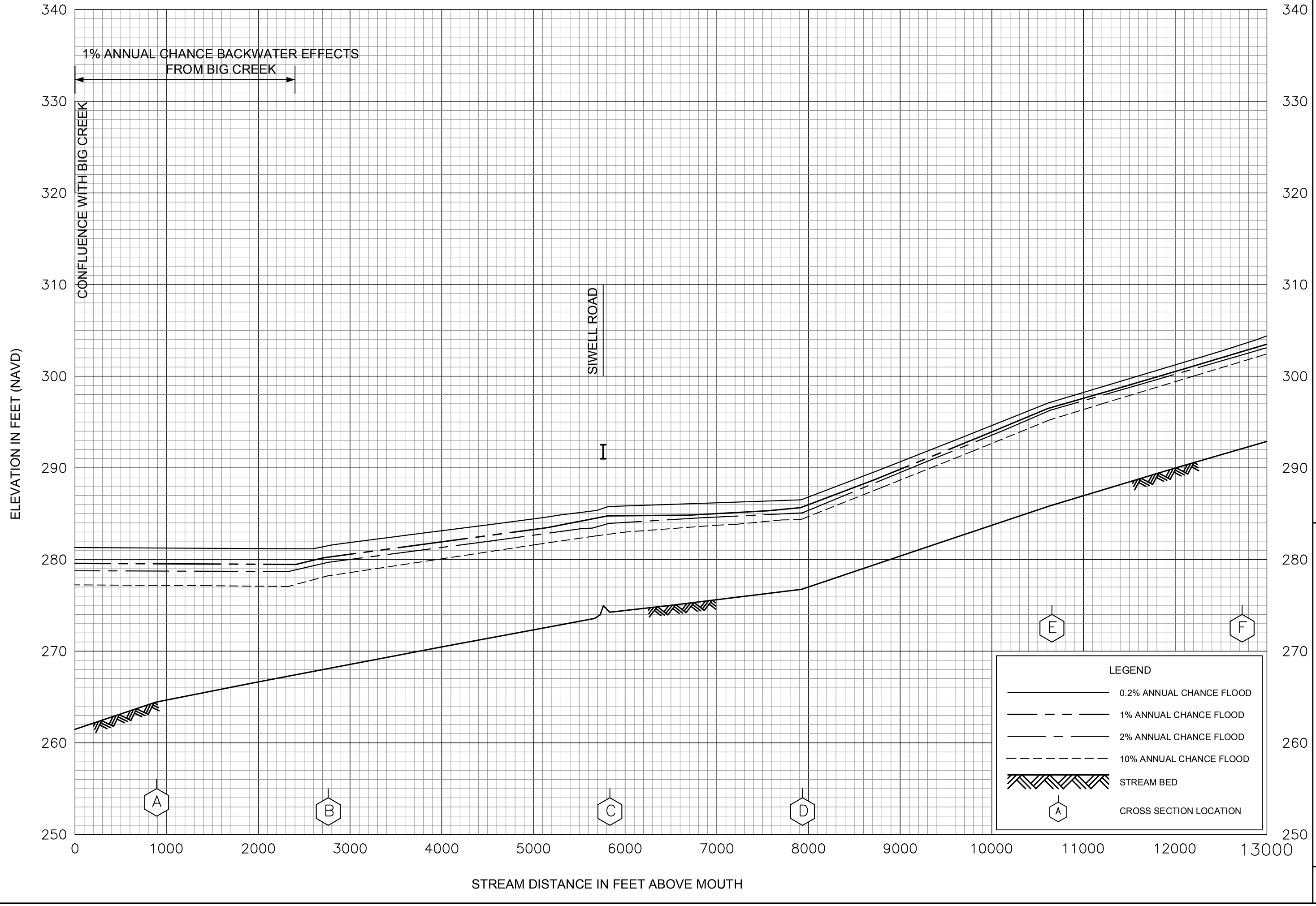
FLOOD PROFILES

BIG CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

25P

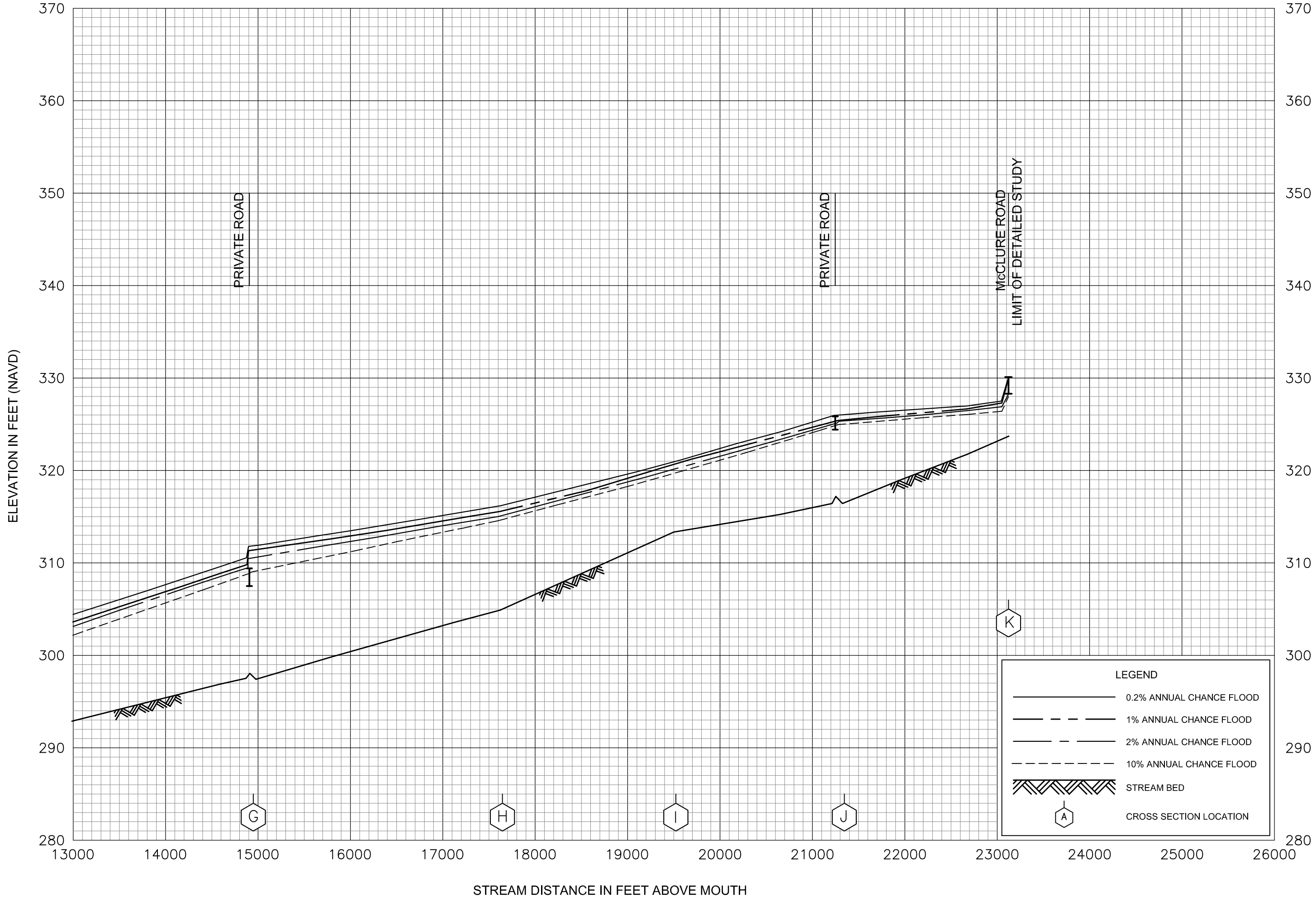


FLOOD PROFILES

BIG CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

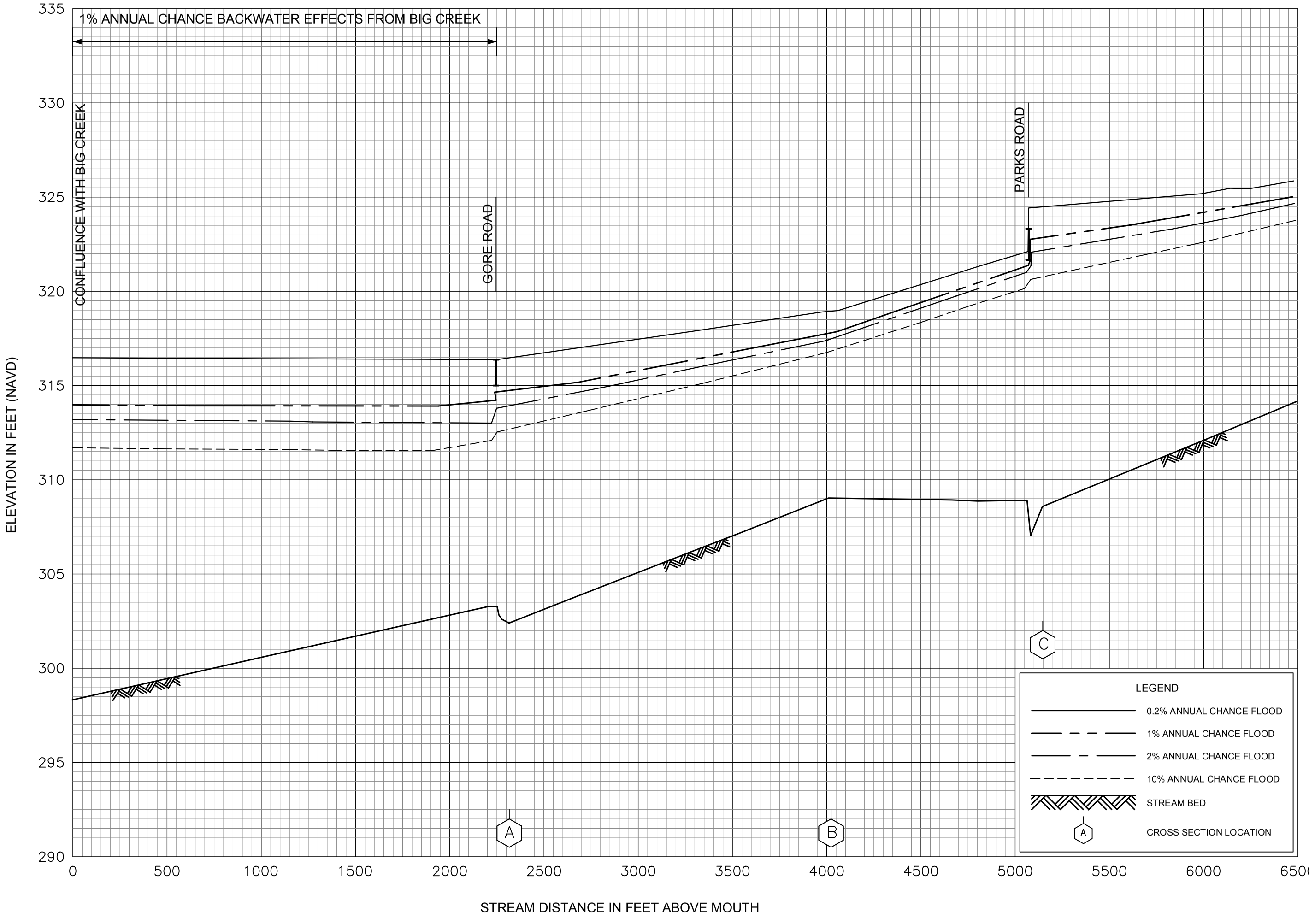


FLOOD PROFILES

BIG CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



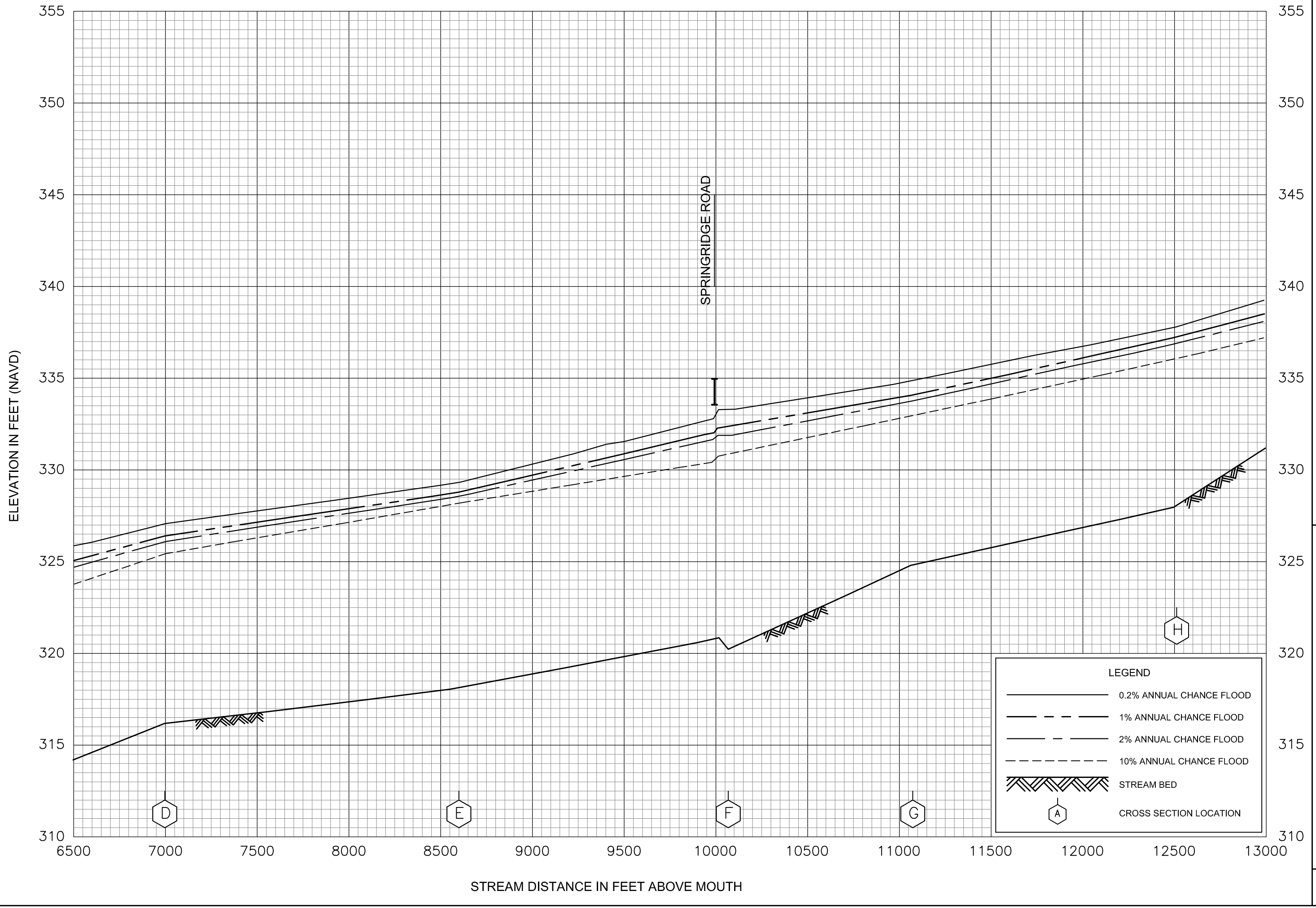
FLOOD PROFILES

BIG CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

28P



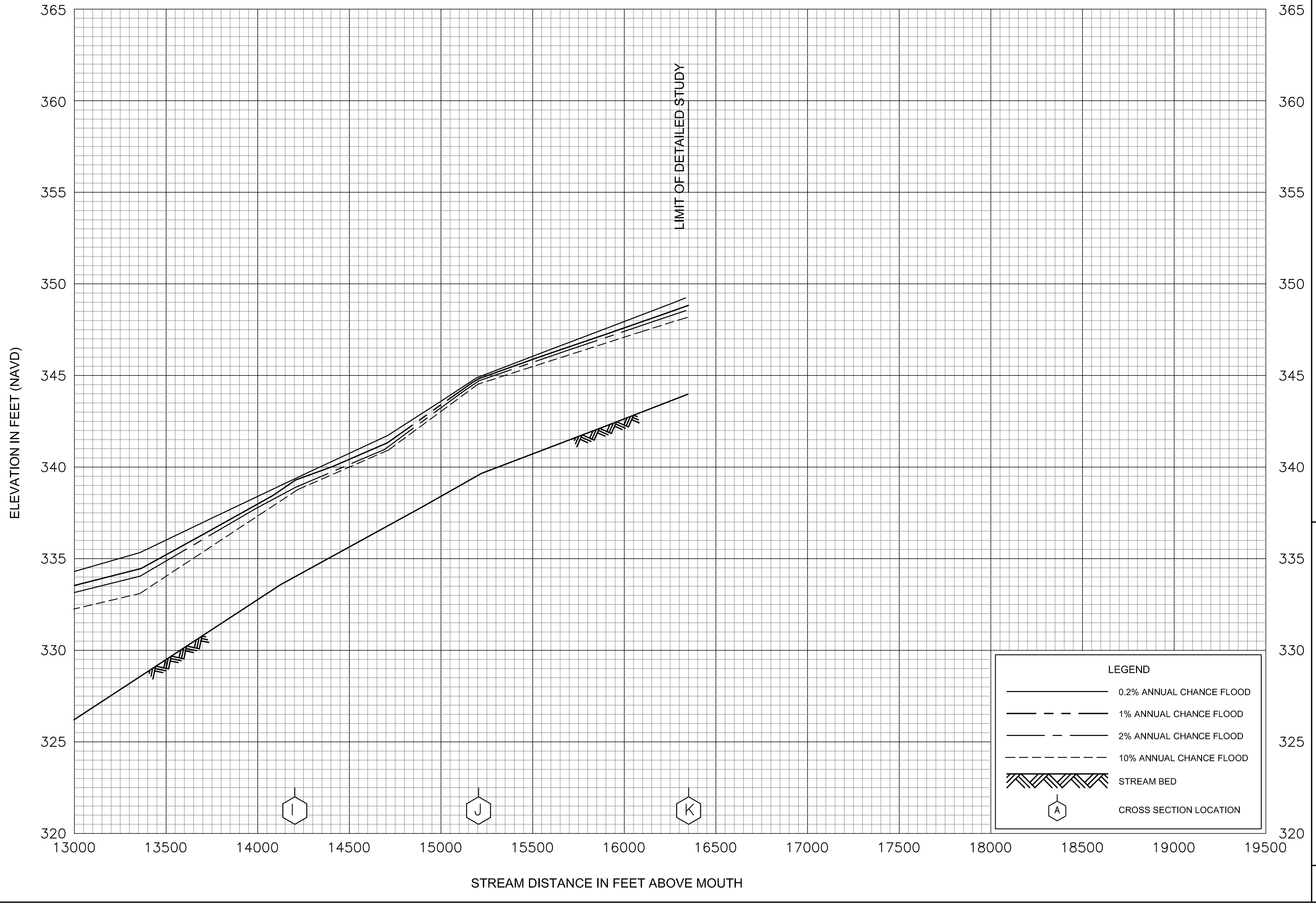
FLOOD PROFILES

BIG CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

29P

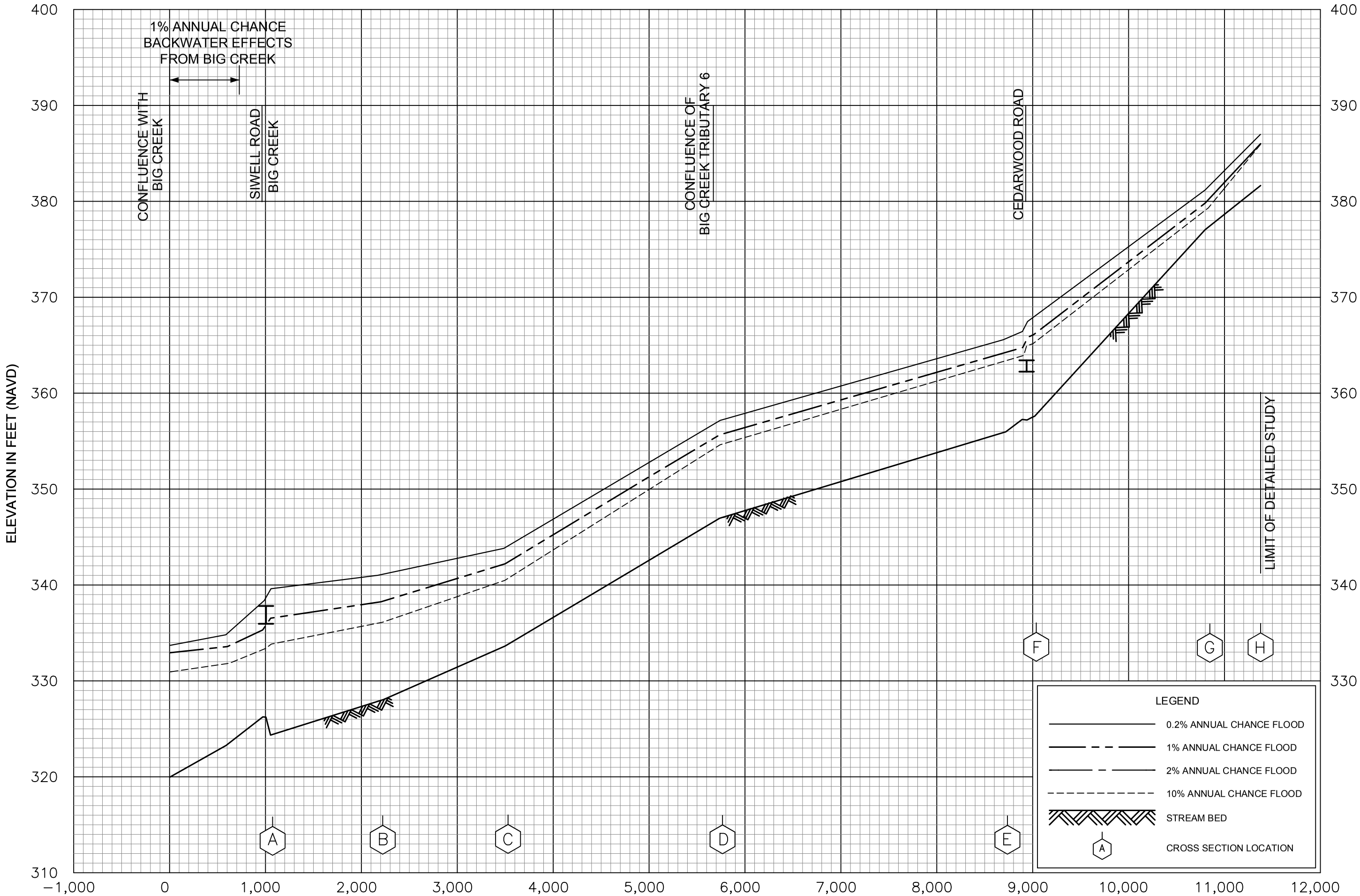


FLOOD PROFILES

BIG CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

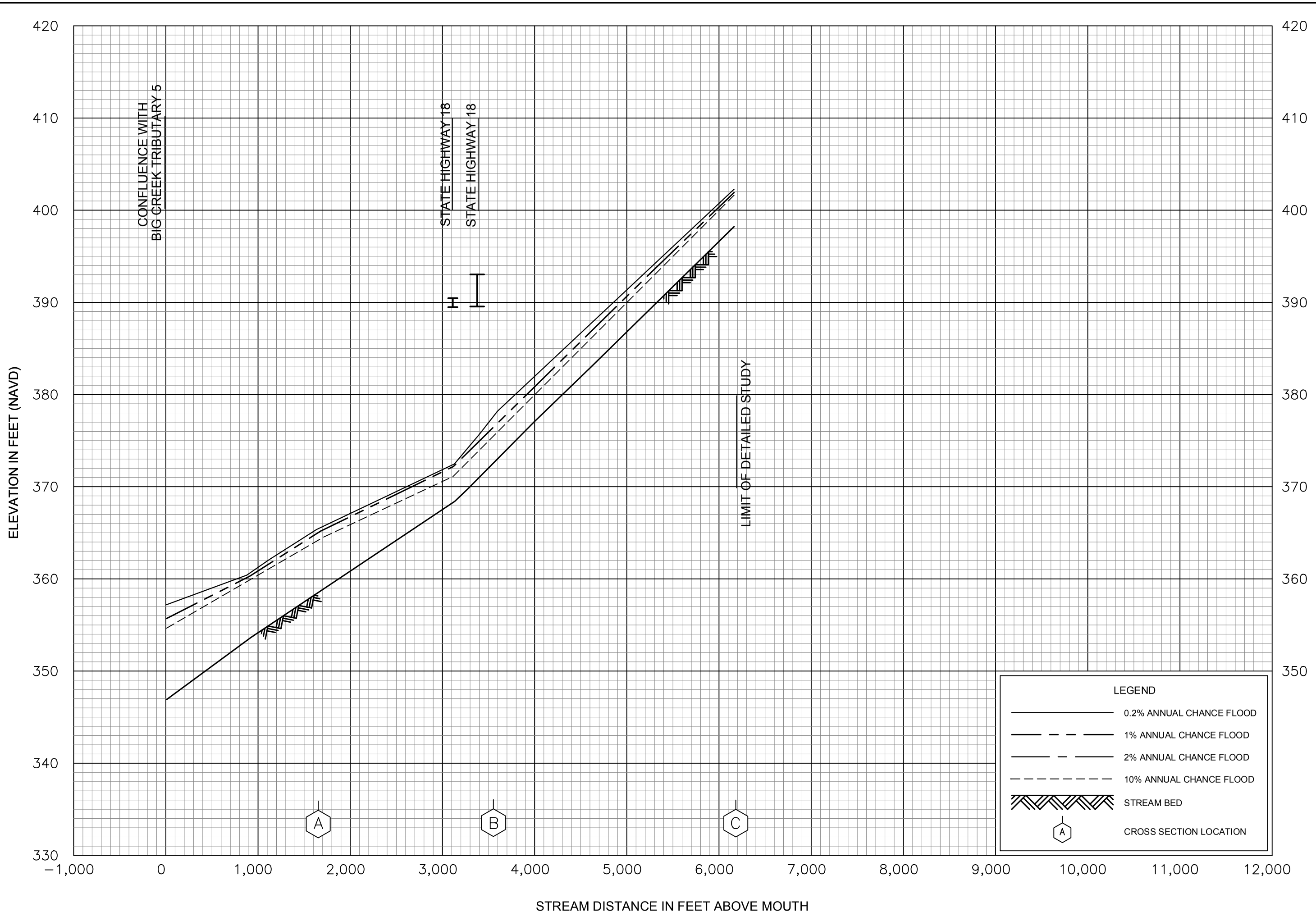


FLOOD PROFILES

BIG CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

BIG CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM BIG CREEK

CONFLUENCE WITH BIG CREEK

BROOKWELL ROAD

BROOKVIEW DRIVE

U.S. HIGHWAY 18

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD)

410
400
390
380
370
360
350
340
330
320

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

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C

LEGEND

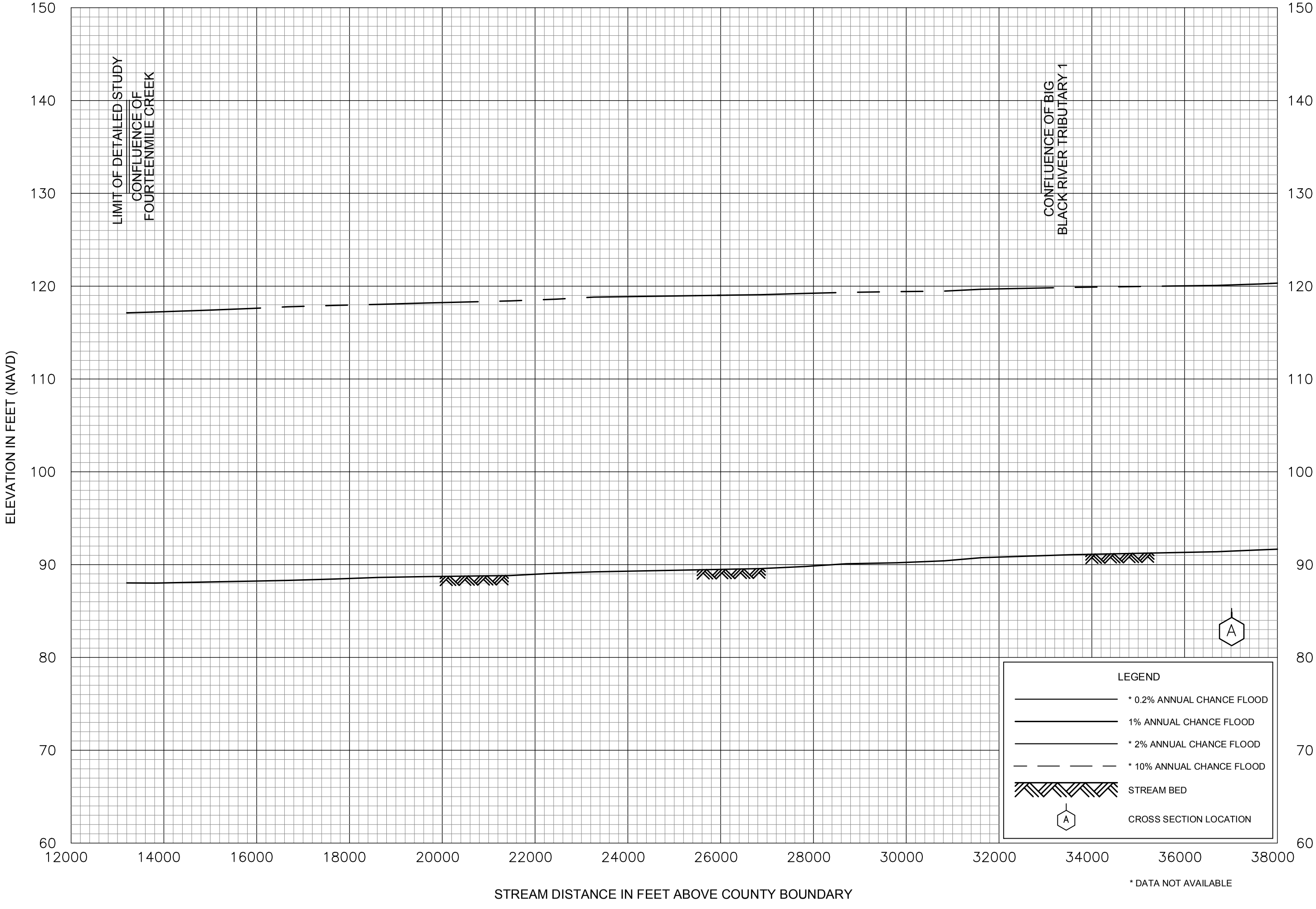
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- A — CROSS SECTION LOCATION

FLOOD PROFILES

BIG CREEK TRIBUTARY 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

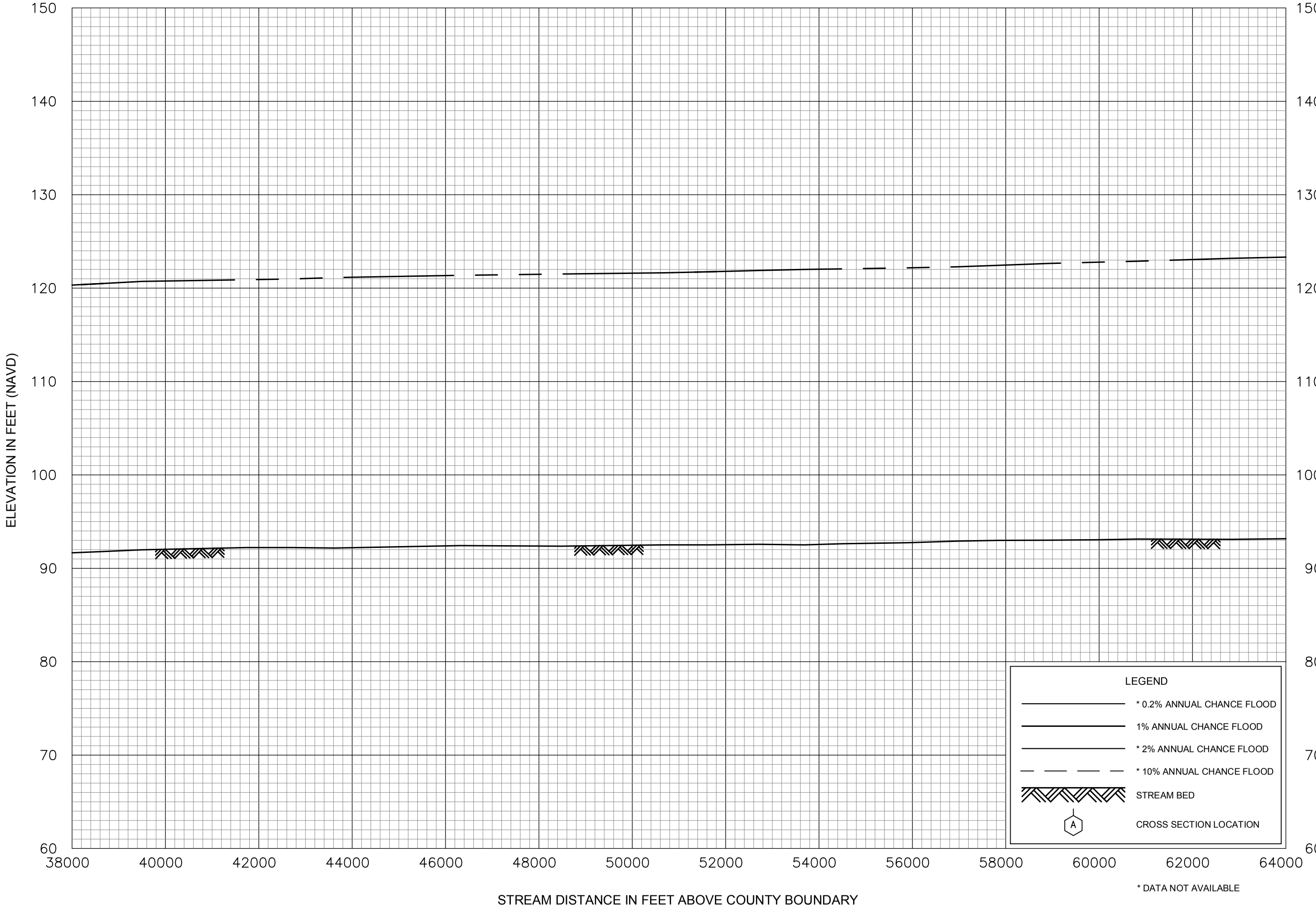


FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



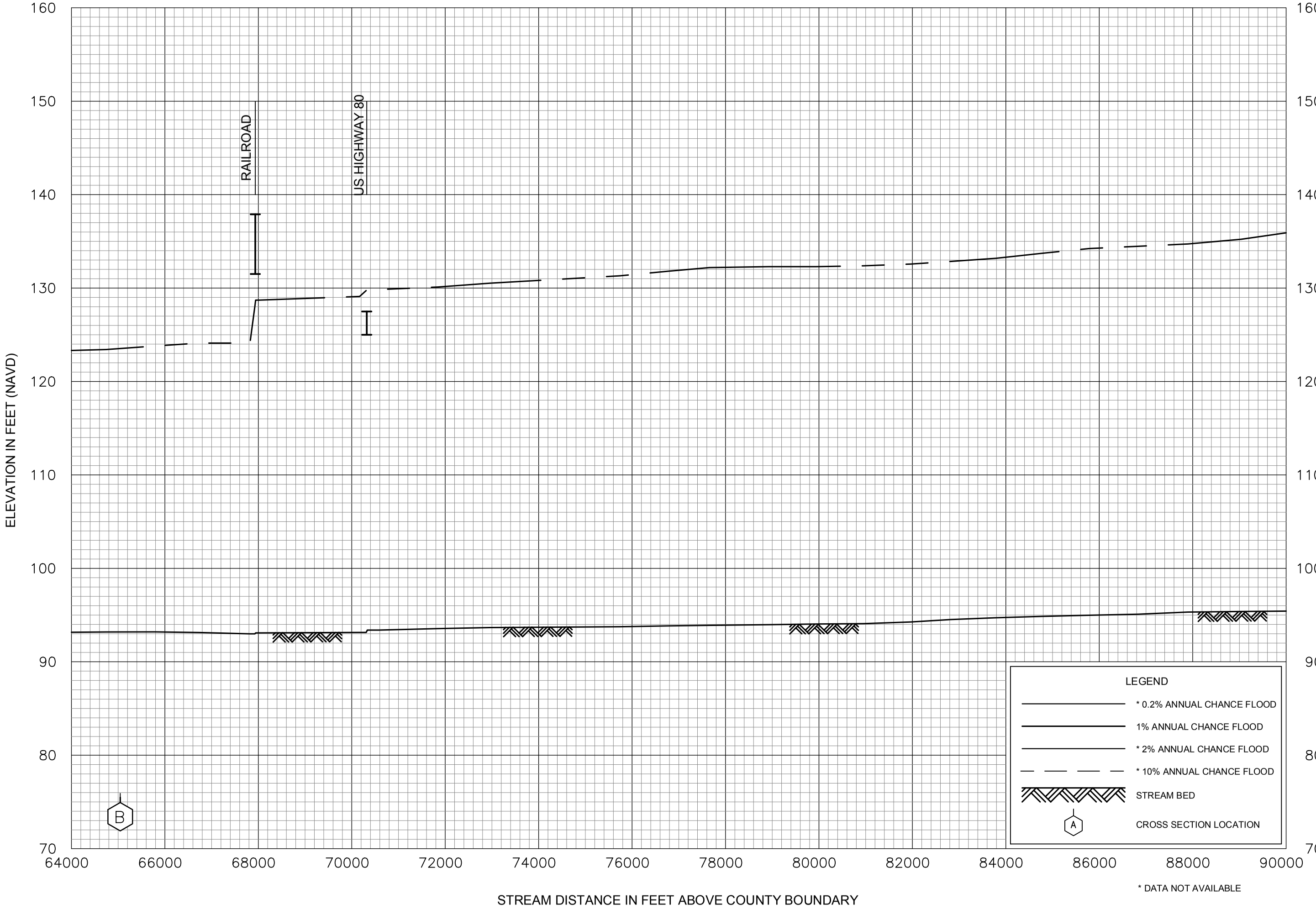
FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

35P



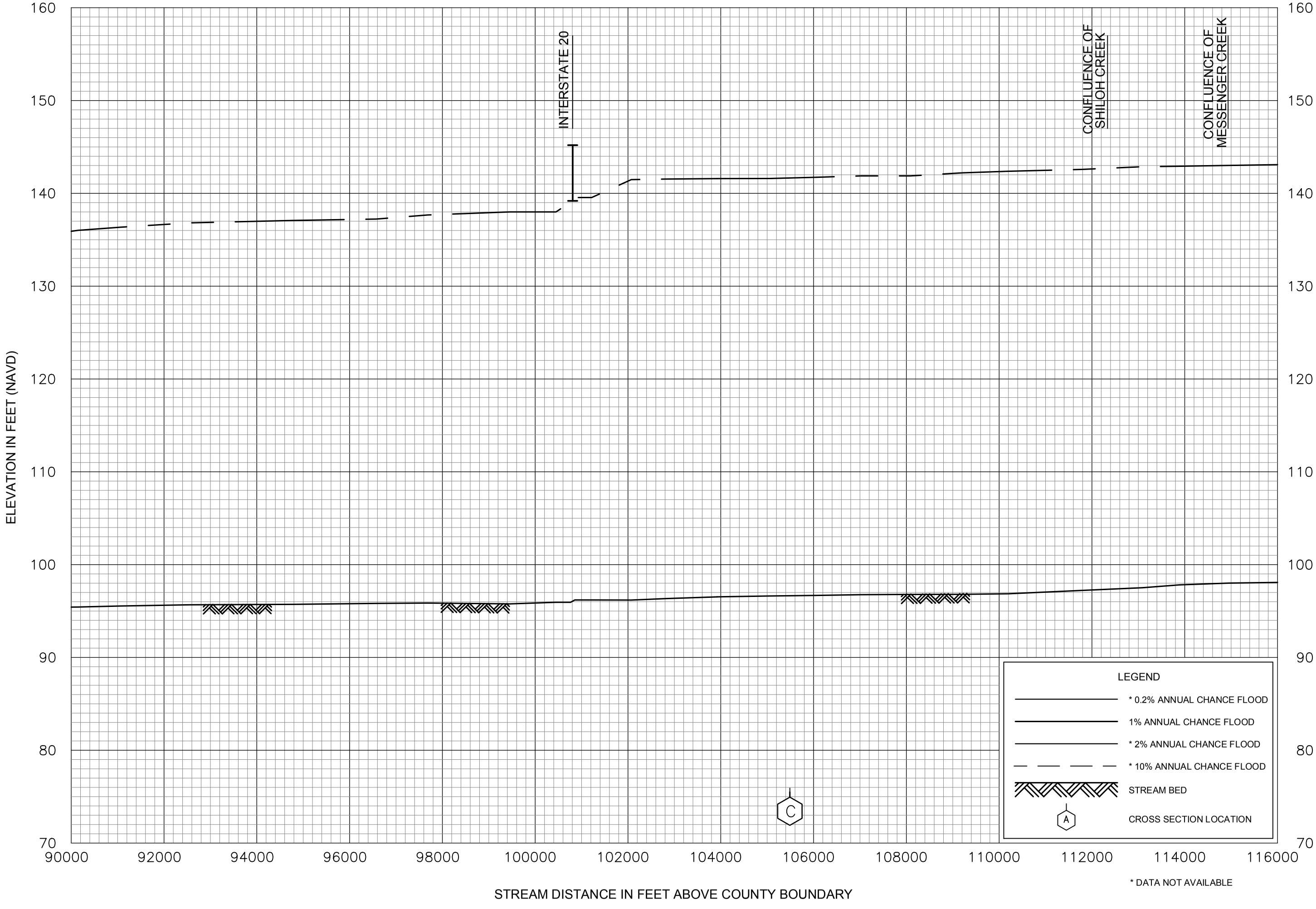
FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

36P



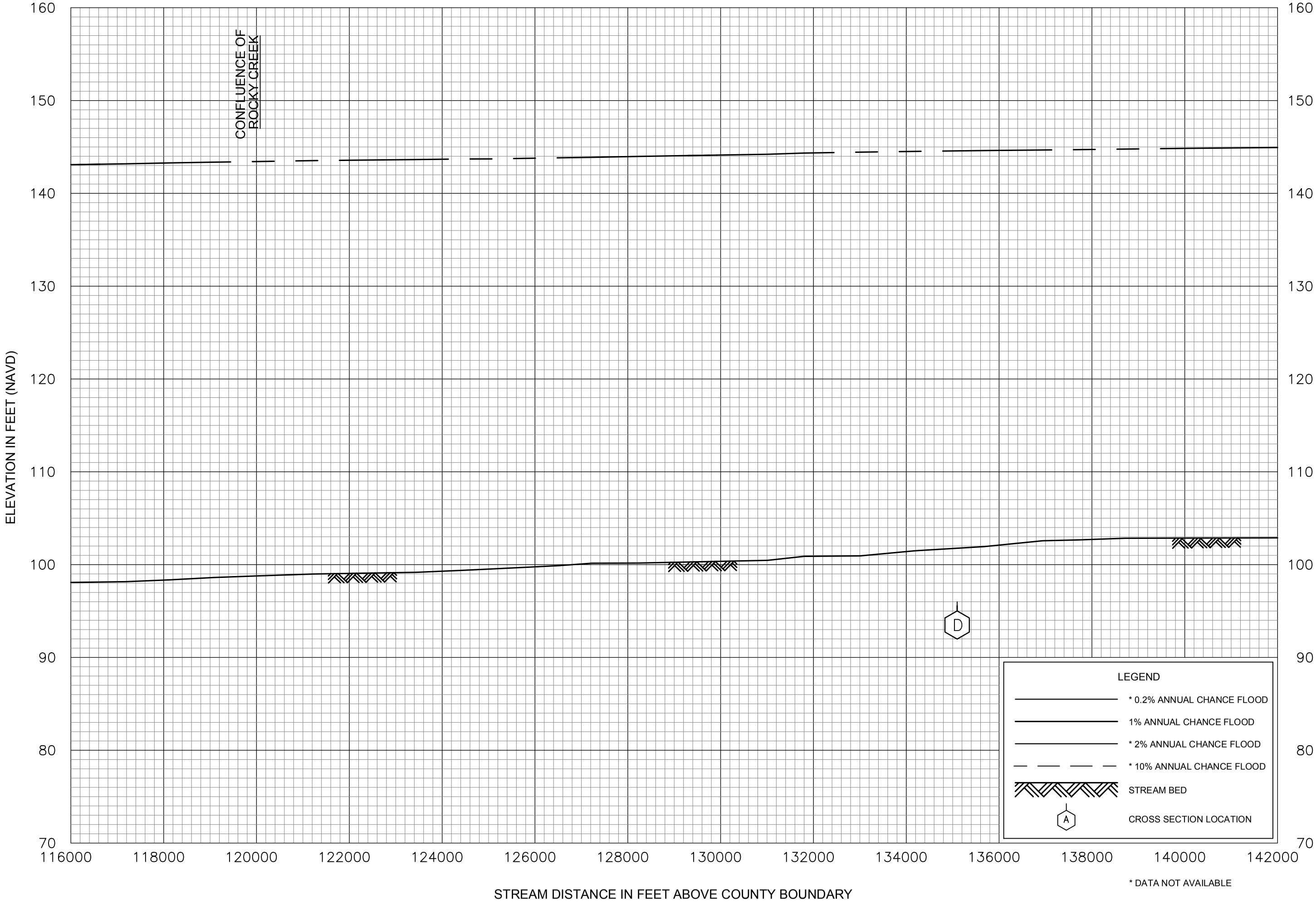
FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

37P

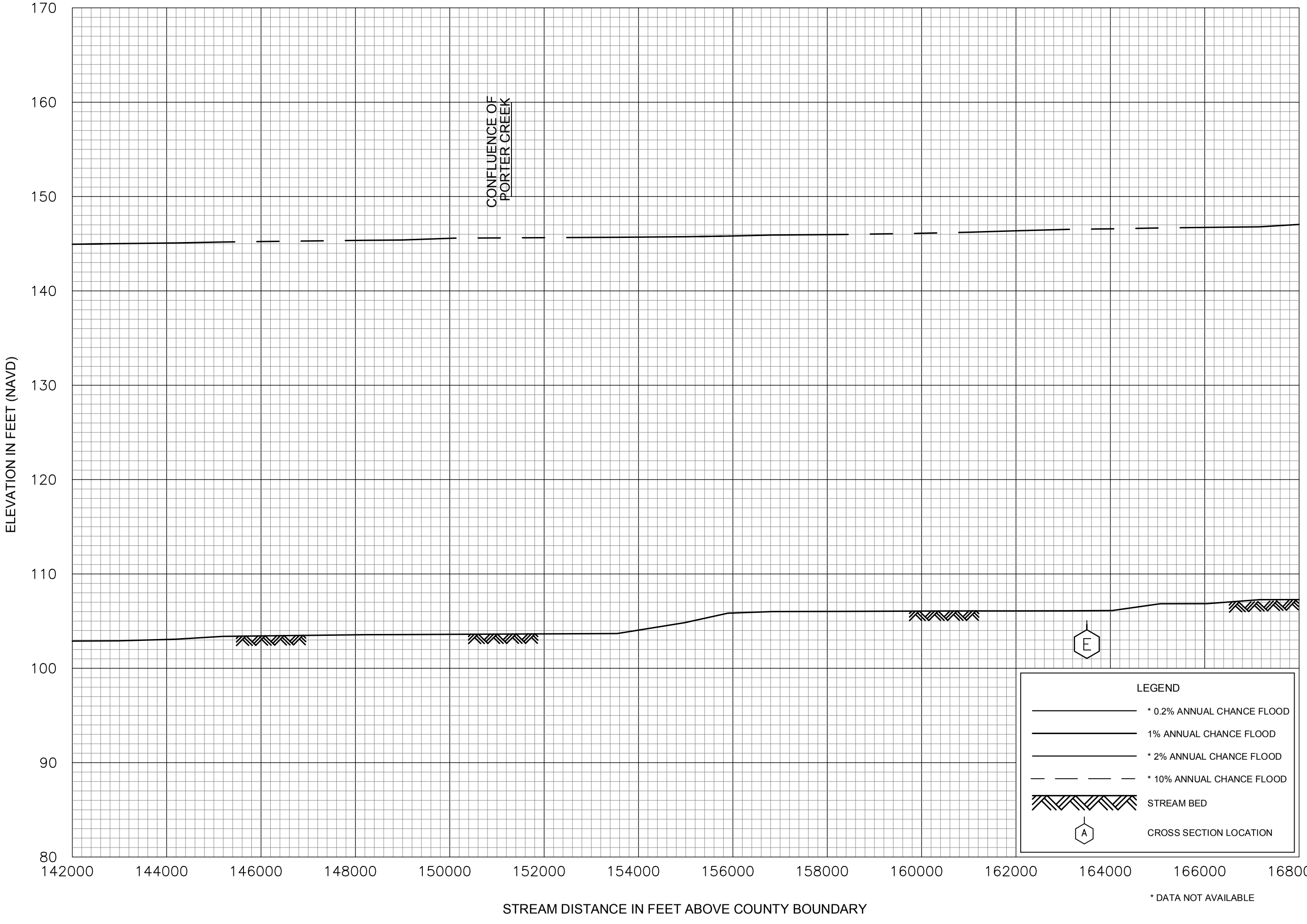


FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

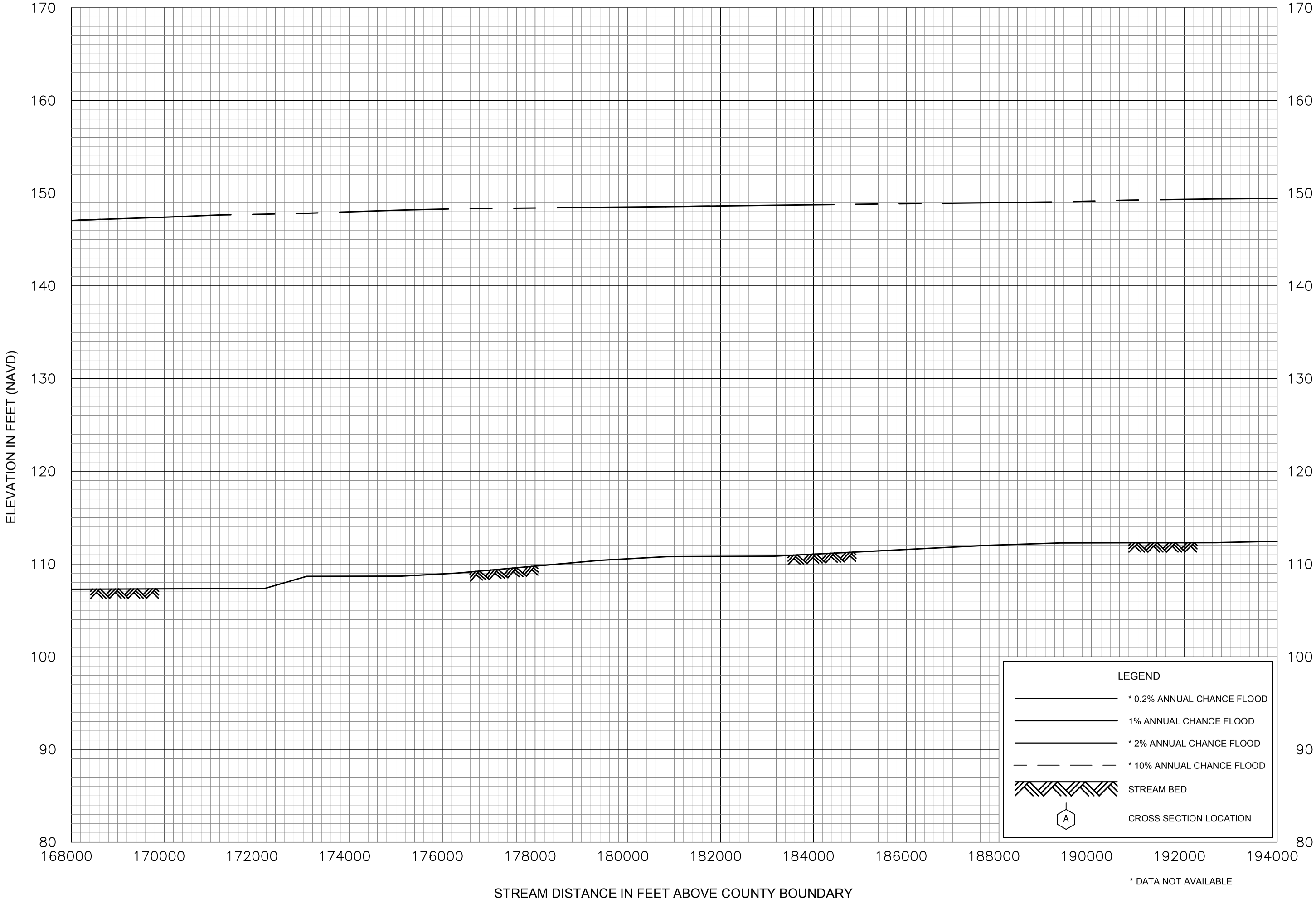


FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)

180
170
160
150
140
130
120
110
100
90

194000 196000 198000 200000 202000 204000 206000 208000 210000 212000 214000 216000 218000 220000

STREAM DISTANCE IN FEET ABOVE COUNTY BOUNDARY

F

LEGEND

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

* DATA NOT AVAILABLE

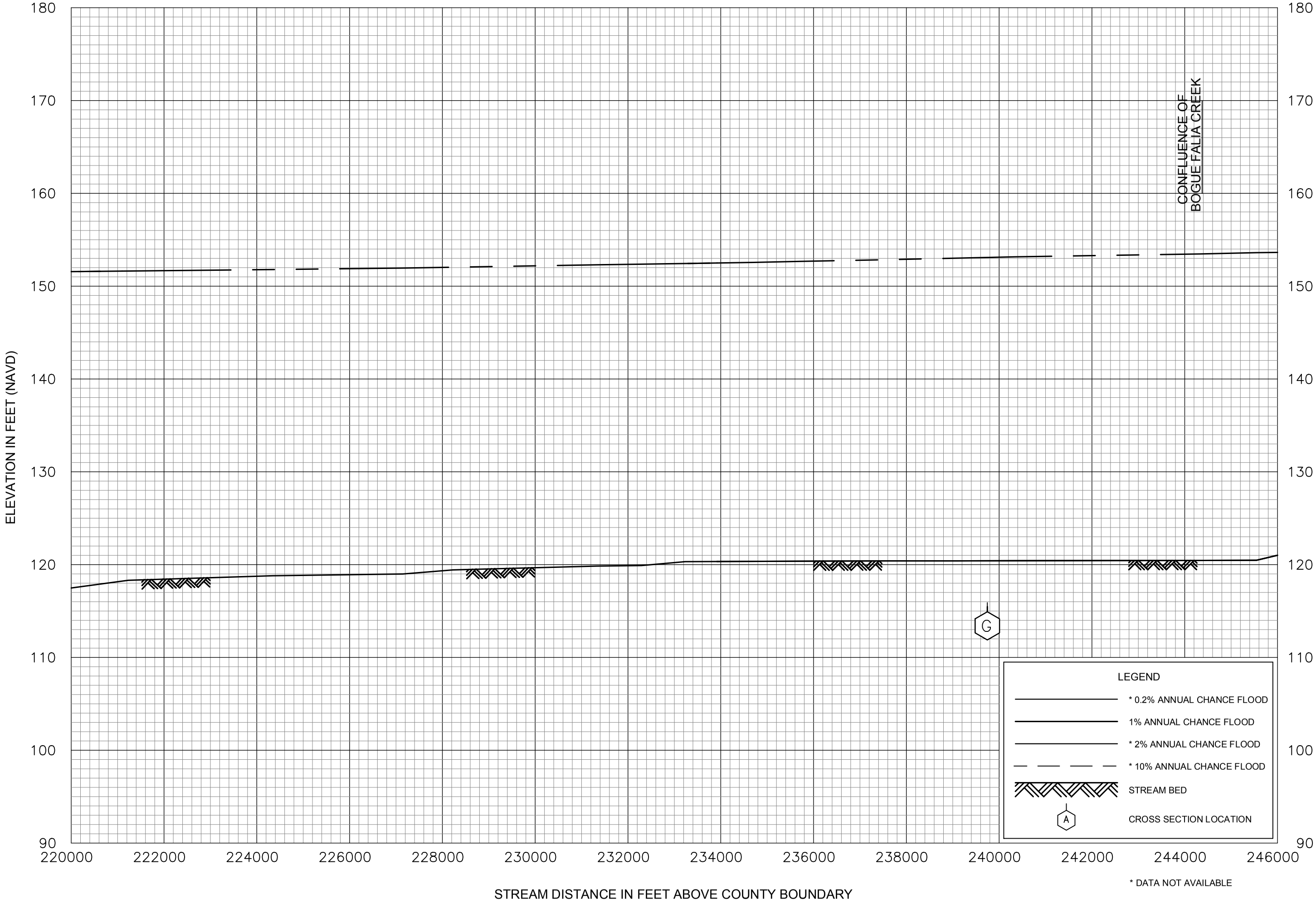
FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

41P



FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)

190
180
170
160
150
140
130
120
110
100

COUNTY BOUNDARY

246000 248000 250000 252000 254000 256000 258000 260000 262000 264000 266000 268000 270000 272000

STREAM DISTANCE IN FEET ABOVE COUNTY BOUNDARY

LEGEND

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

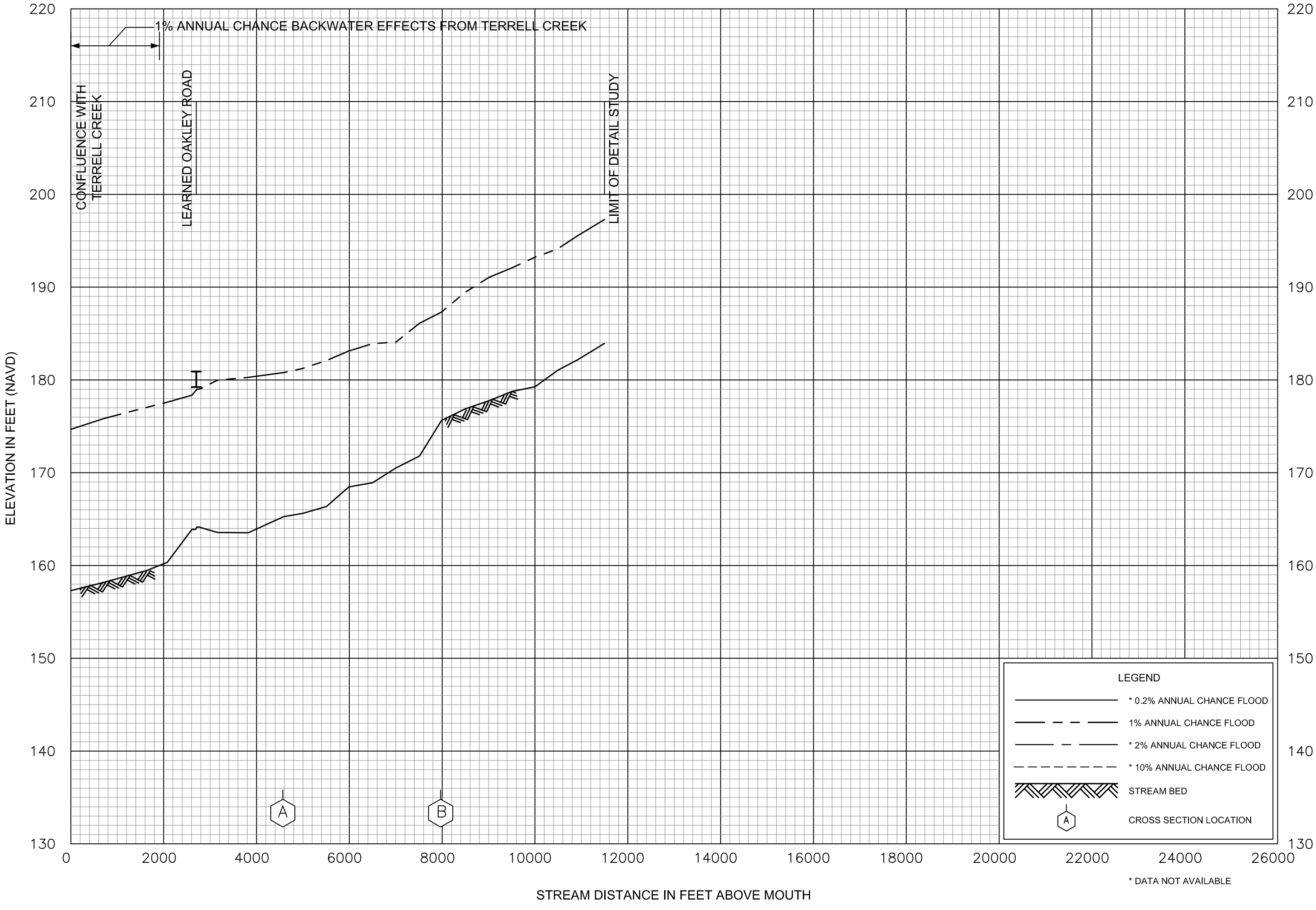
* DATA NOT AVAILABLE

FLOOD PROFILES

BIG BLACK RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

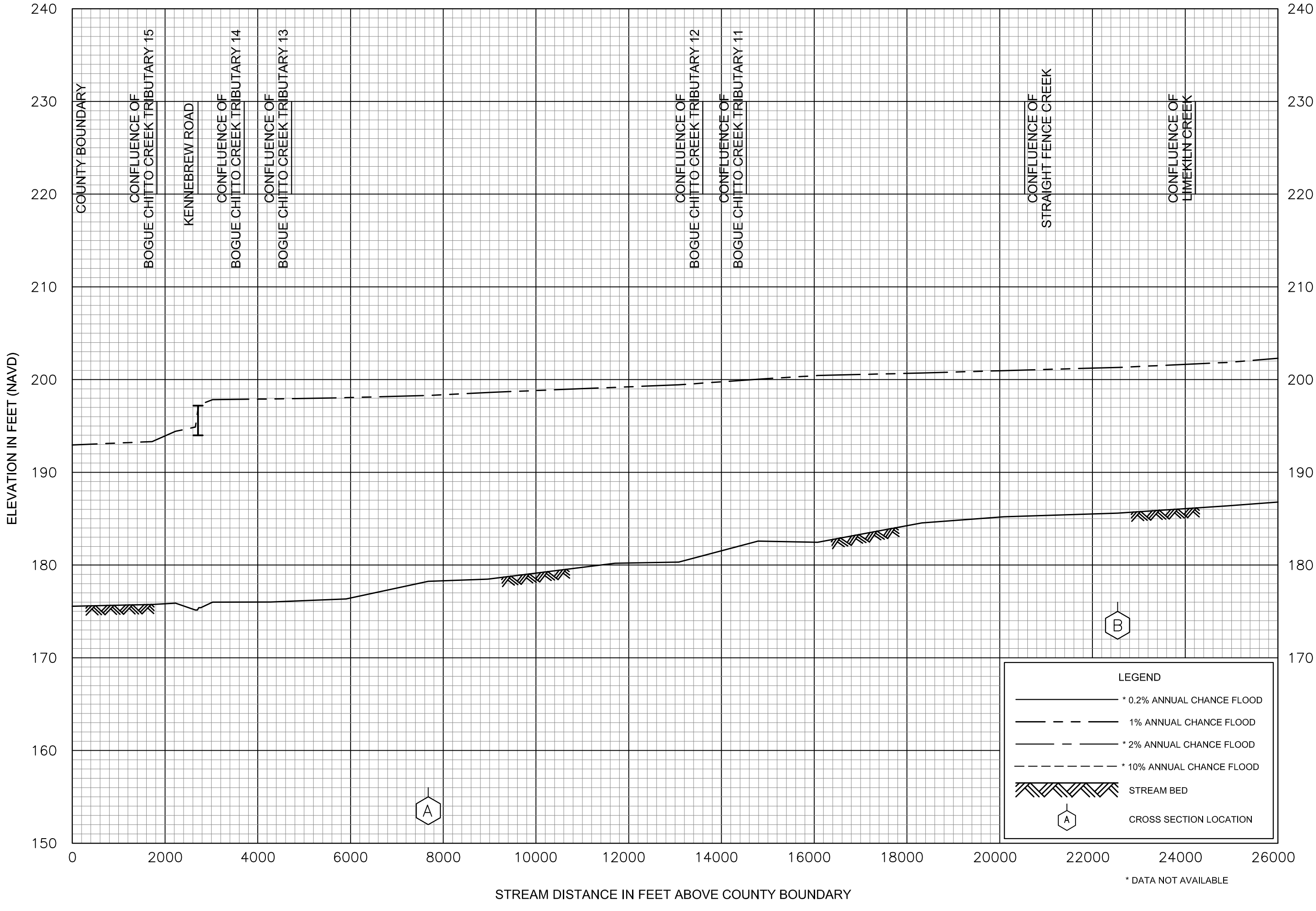


FLOOD PROFILES

BITTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



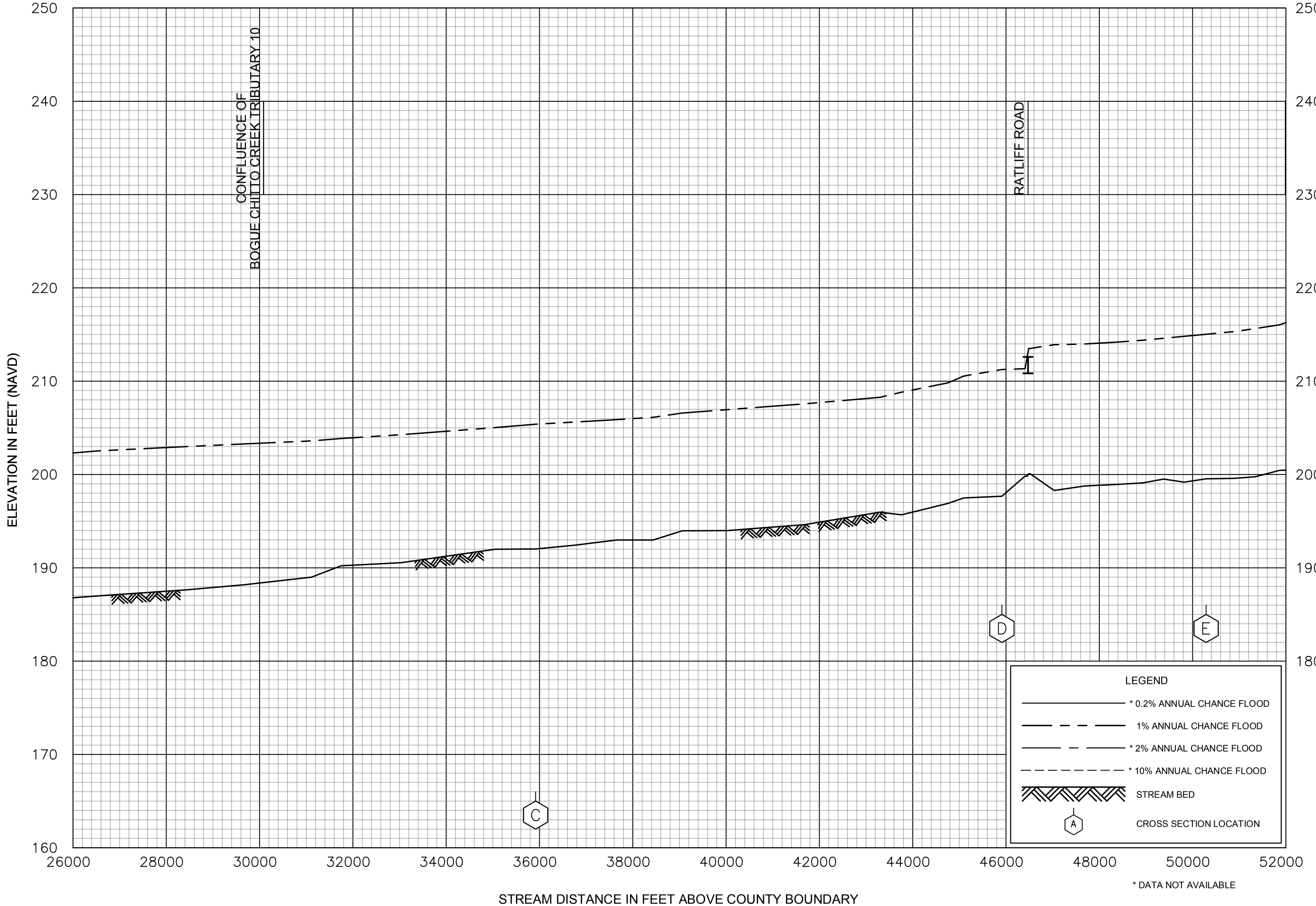
FLOOD PROFILES

BOGUE CHITTO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

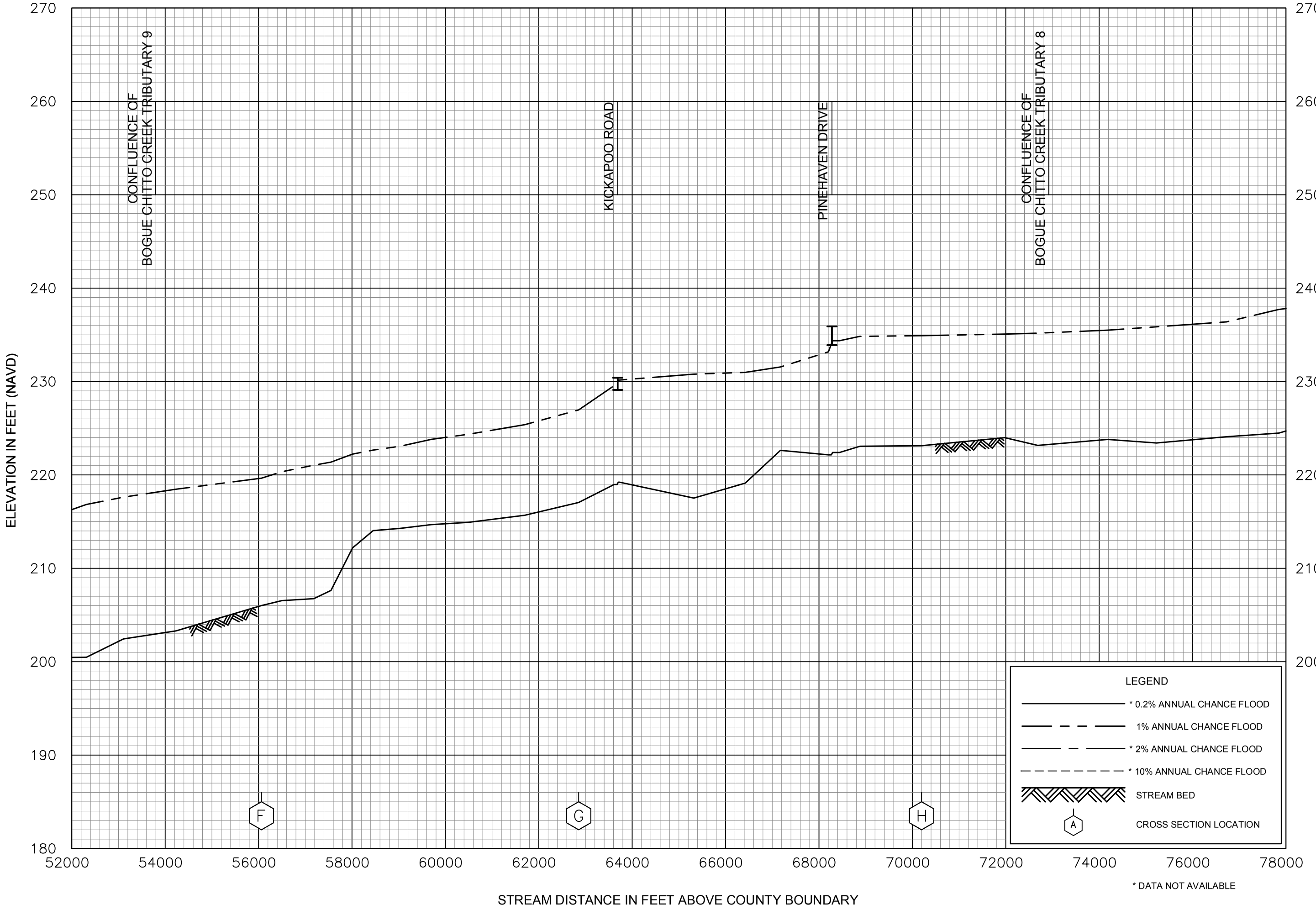


FLOOD PROFILES

BOGUE CHITTO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



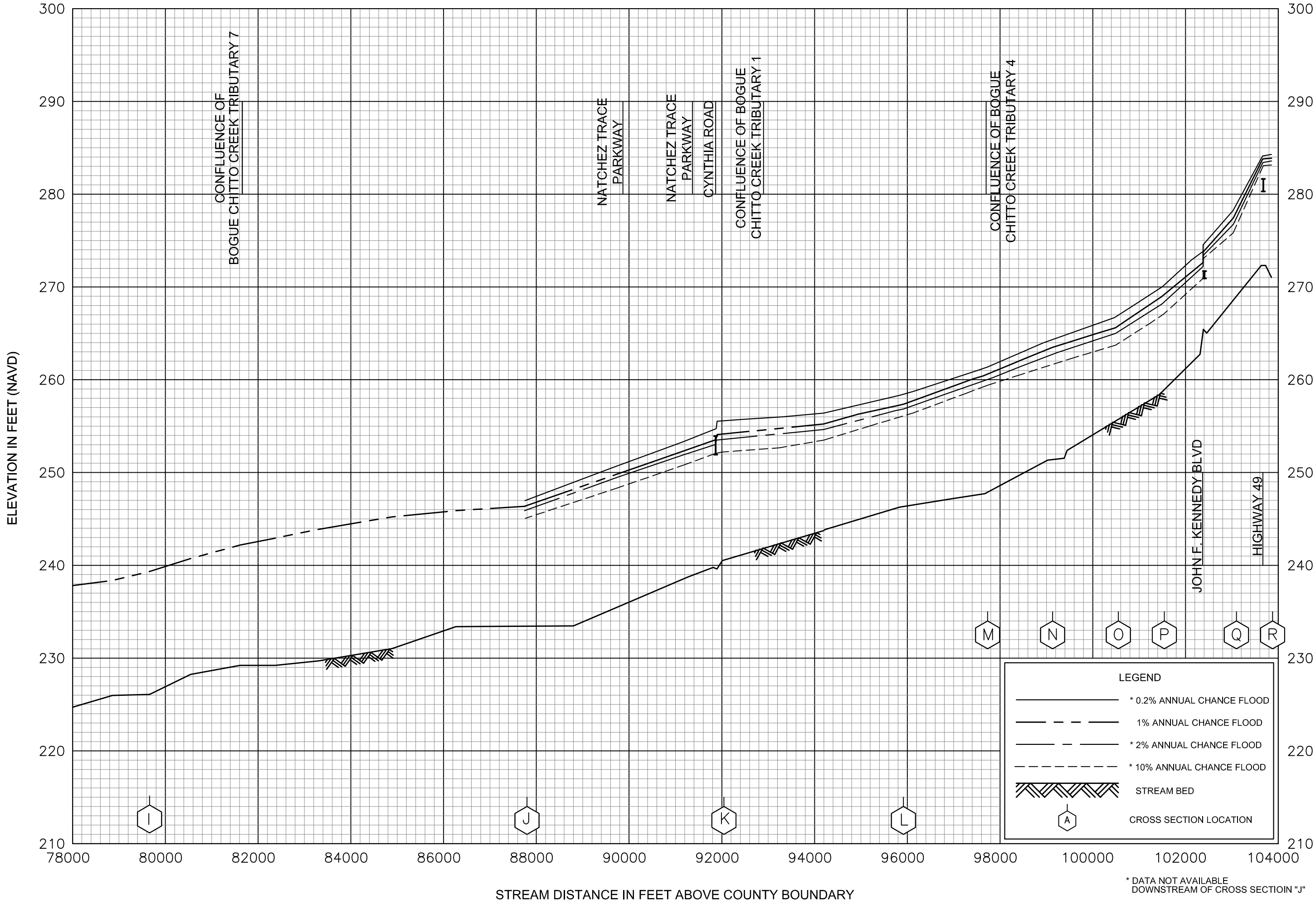
FLOOD PROFILES

BOGUE CHITTO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

47P



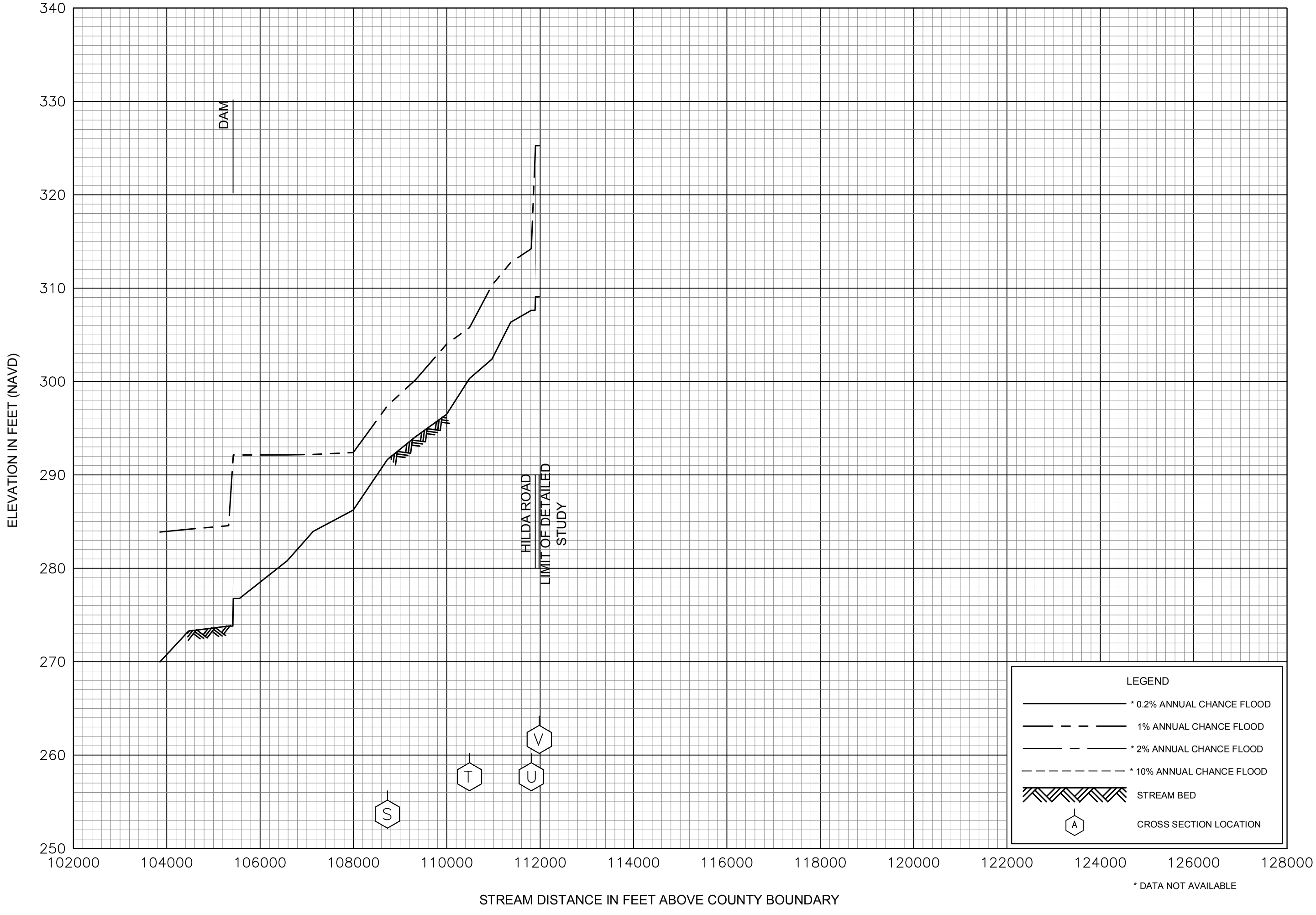
FLOOD PROFILES

BOGUE CHITTO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

48P



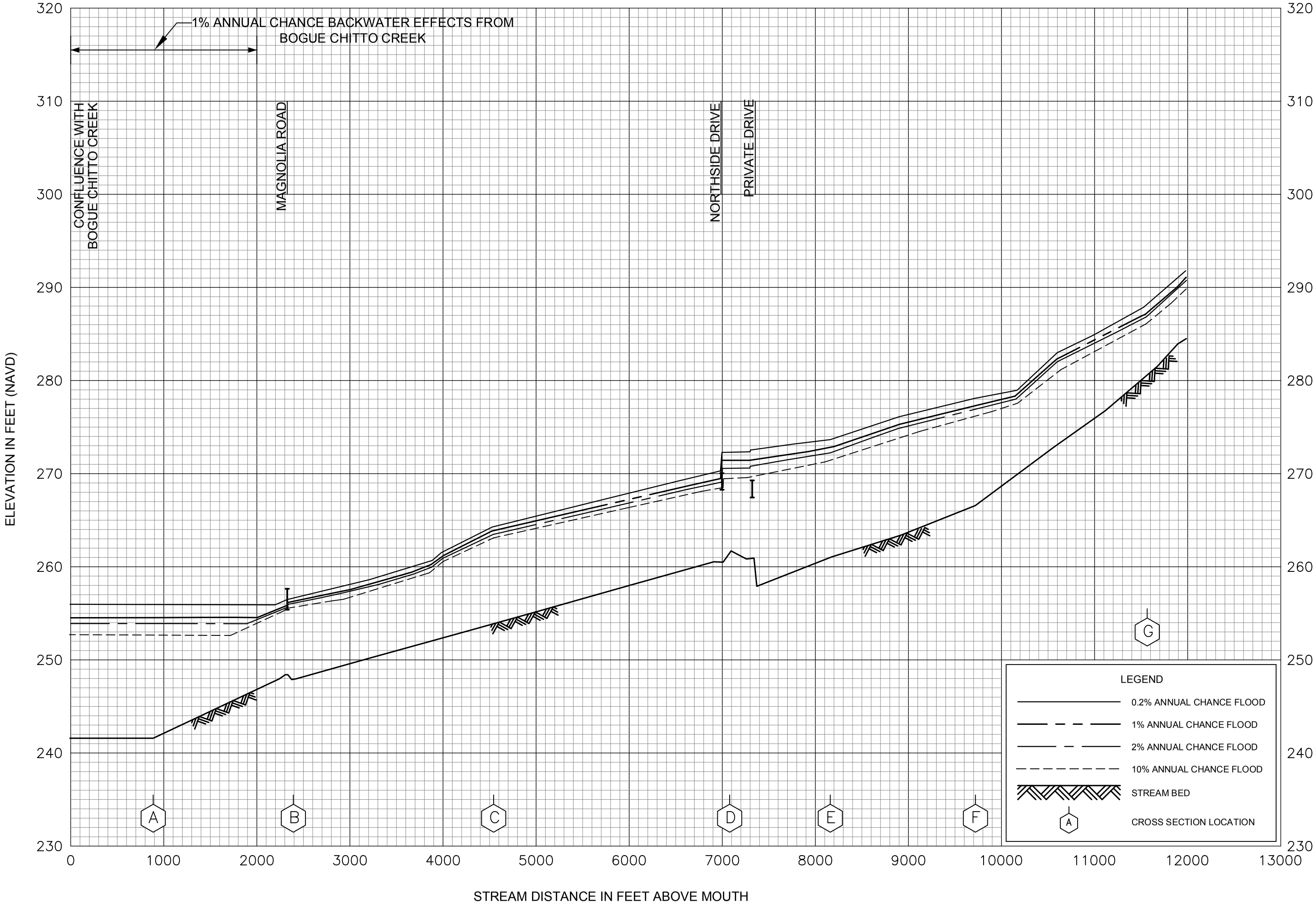
FLOOD PROFILES

BOGUE CHITTO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)

350
340
330
320
310
300
290
280
270
260

VICKSBURG ROAD

LIMIT OF DETAILED STUDY

H

12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000

STREAM DISTANCE IN FEET ABOVE MOUTH

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

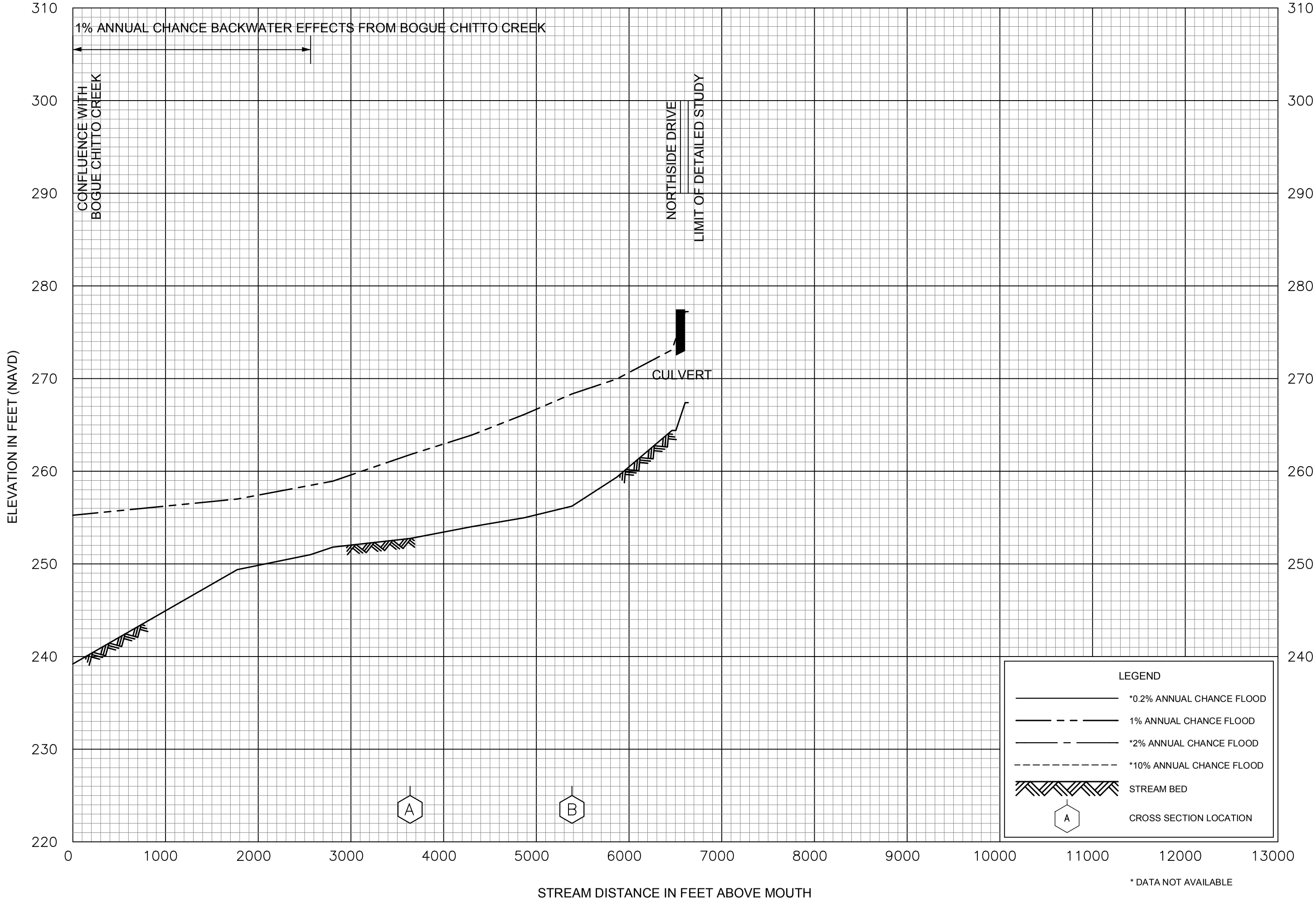
BOGUE CHITTO CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

51P

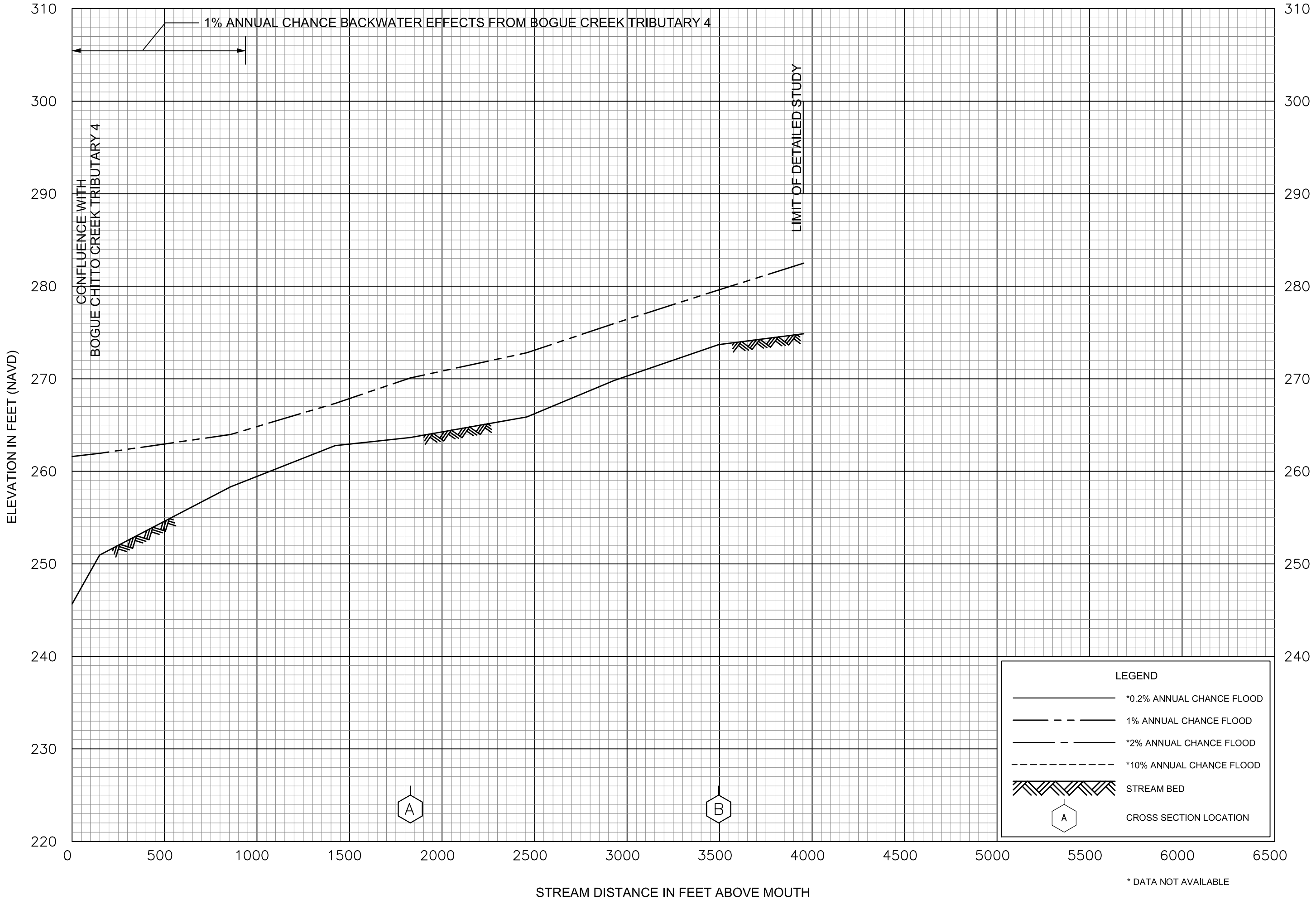


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

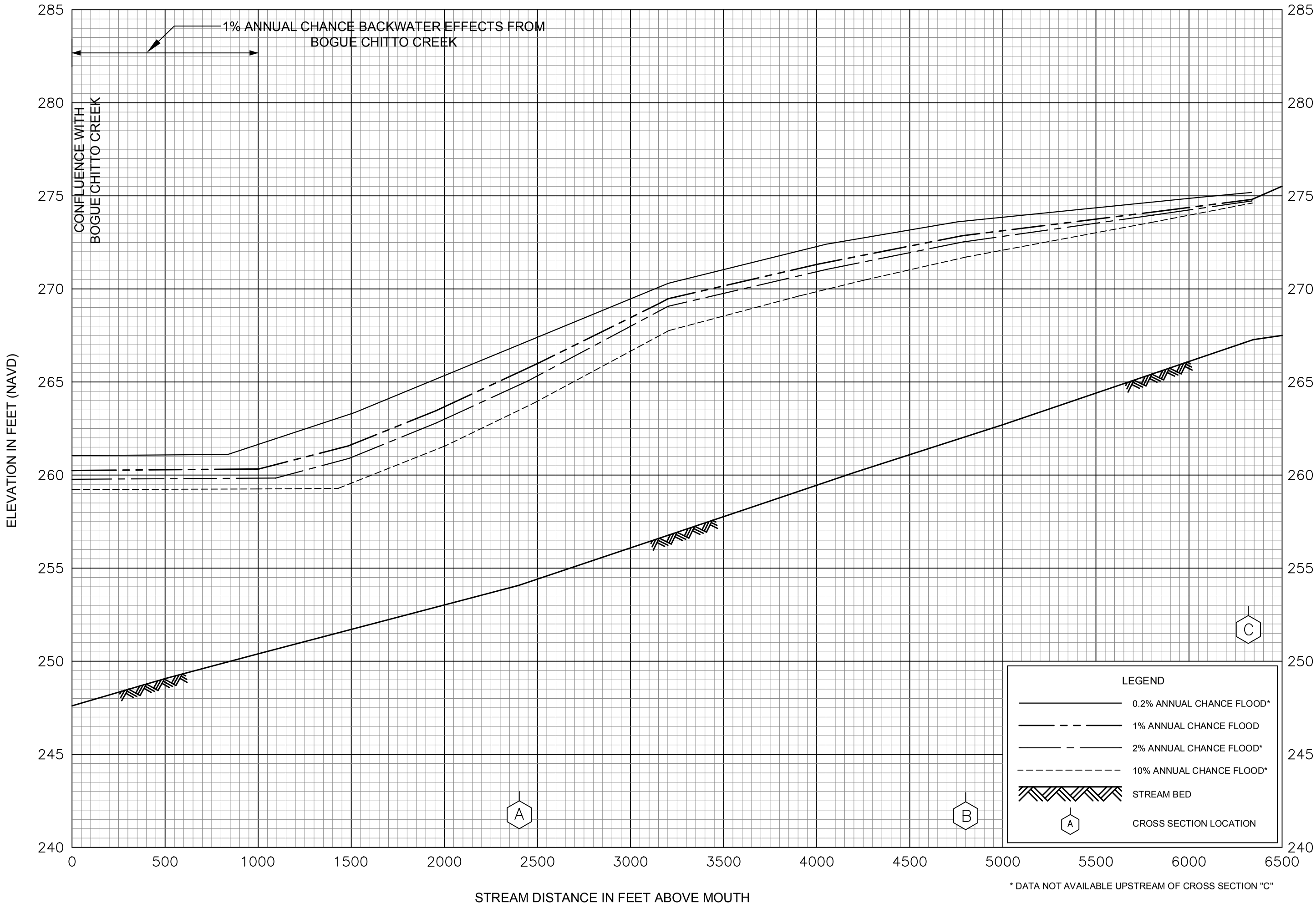


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



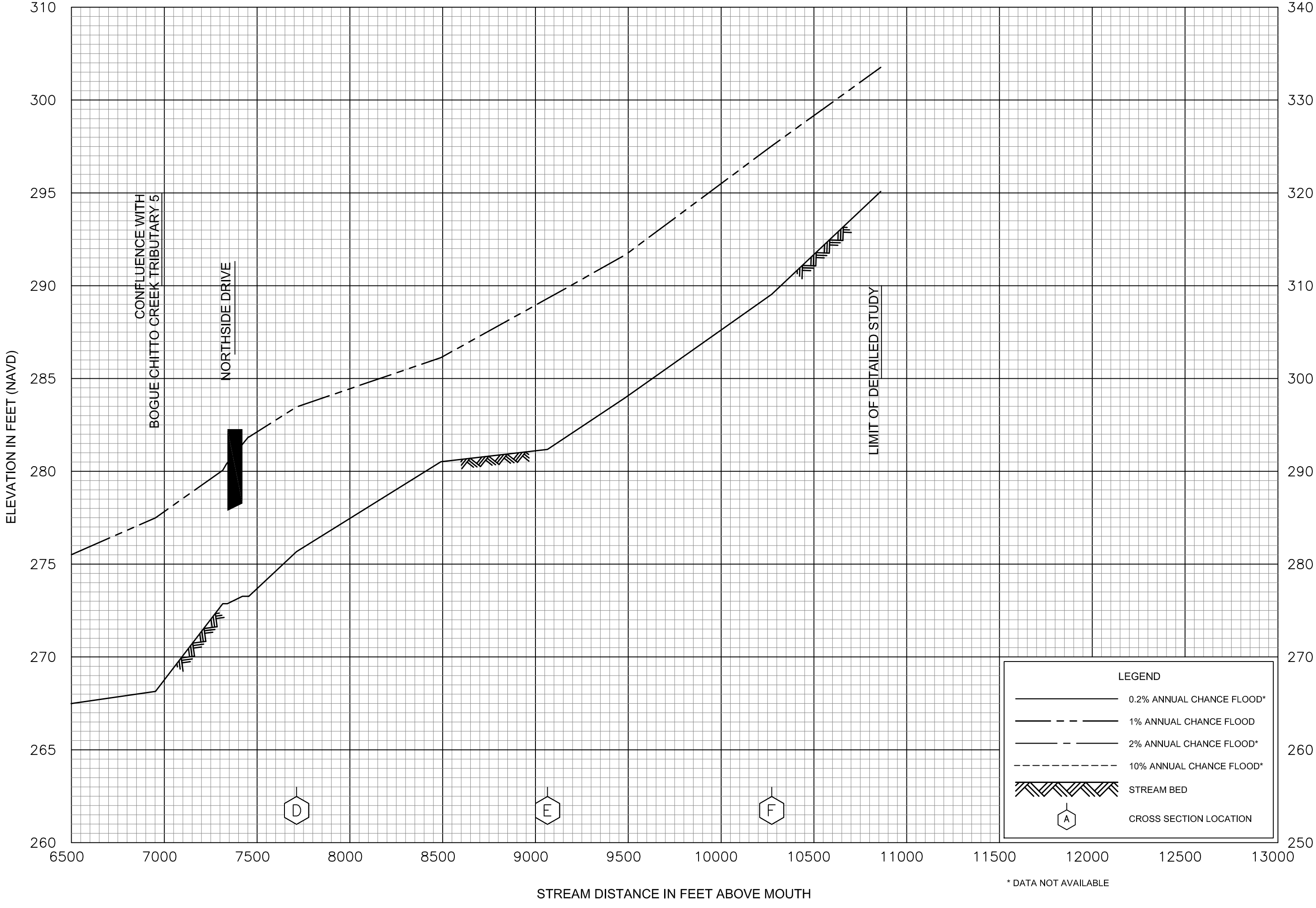
FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



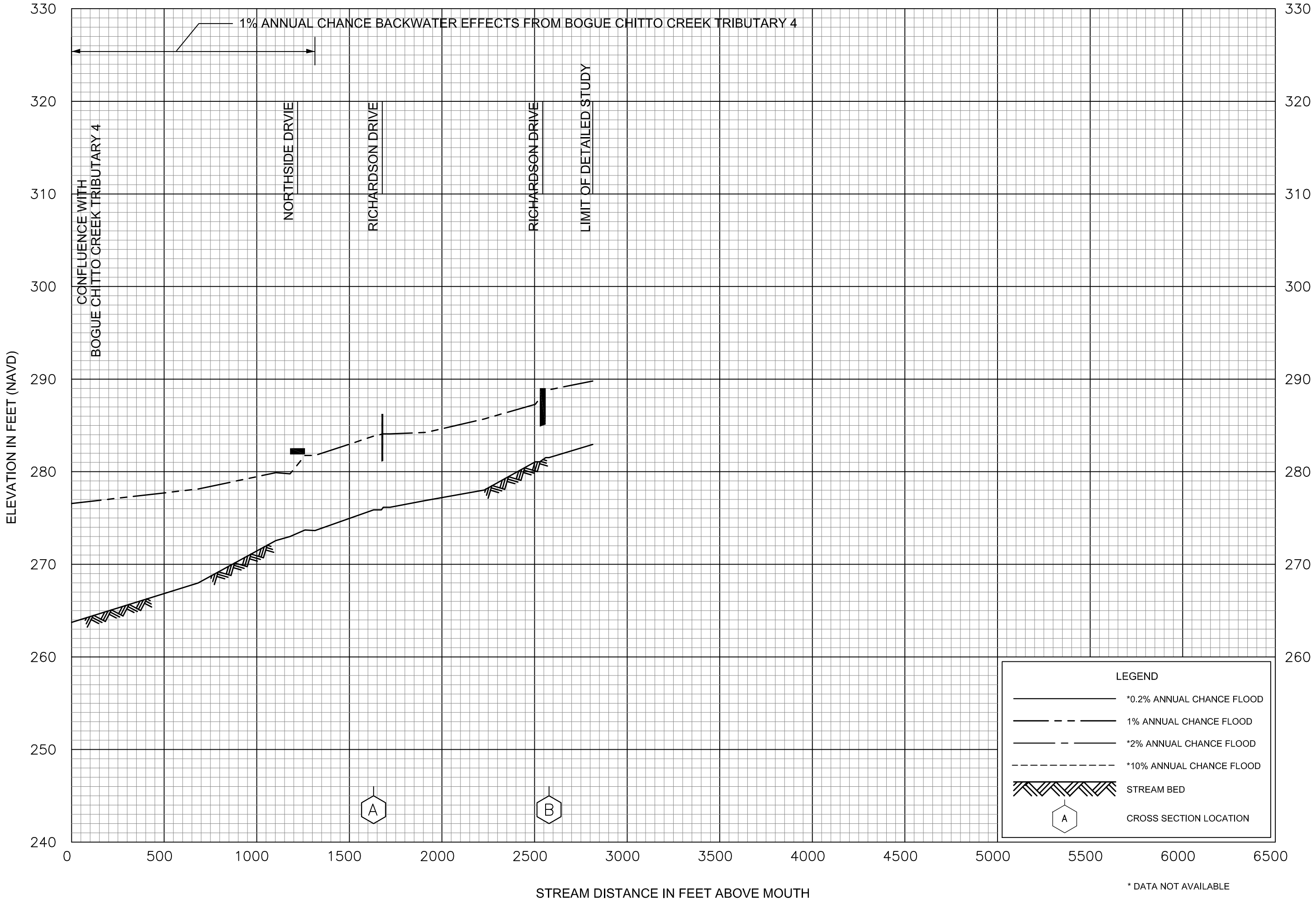
FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

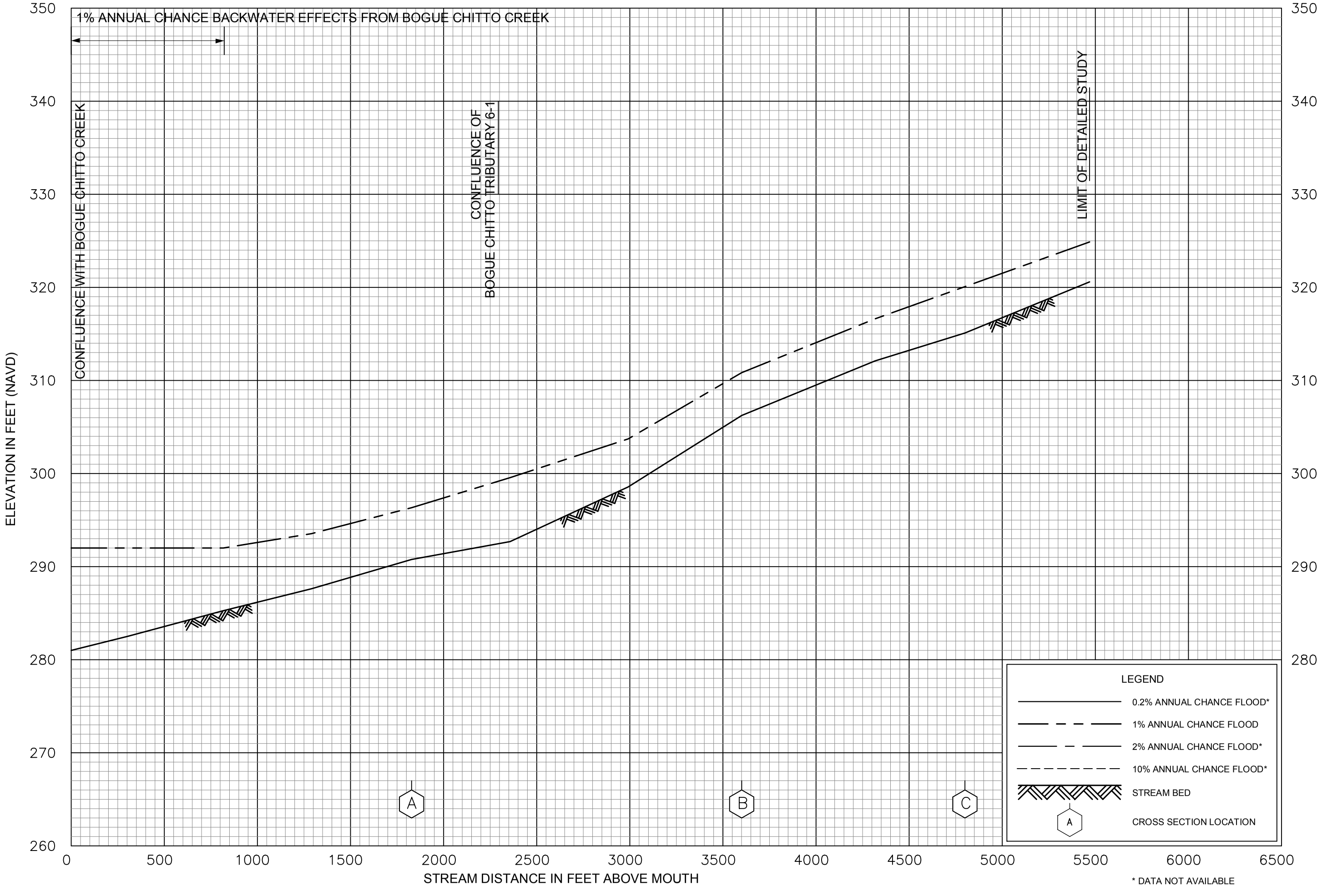


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

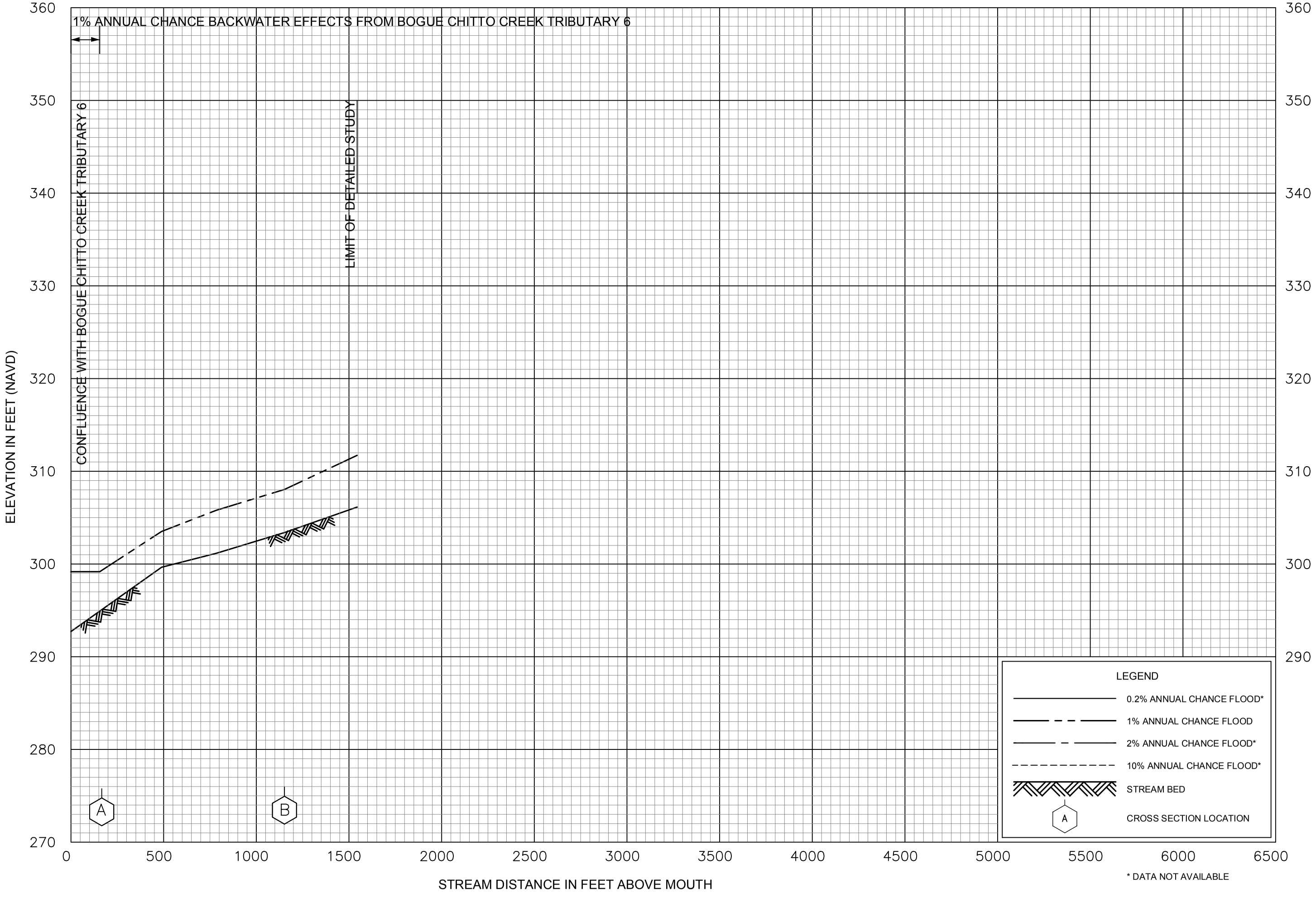


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

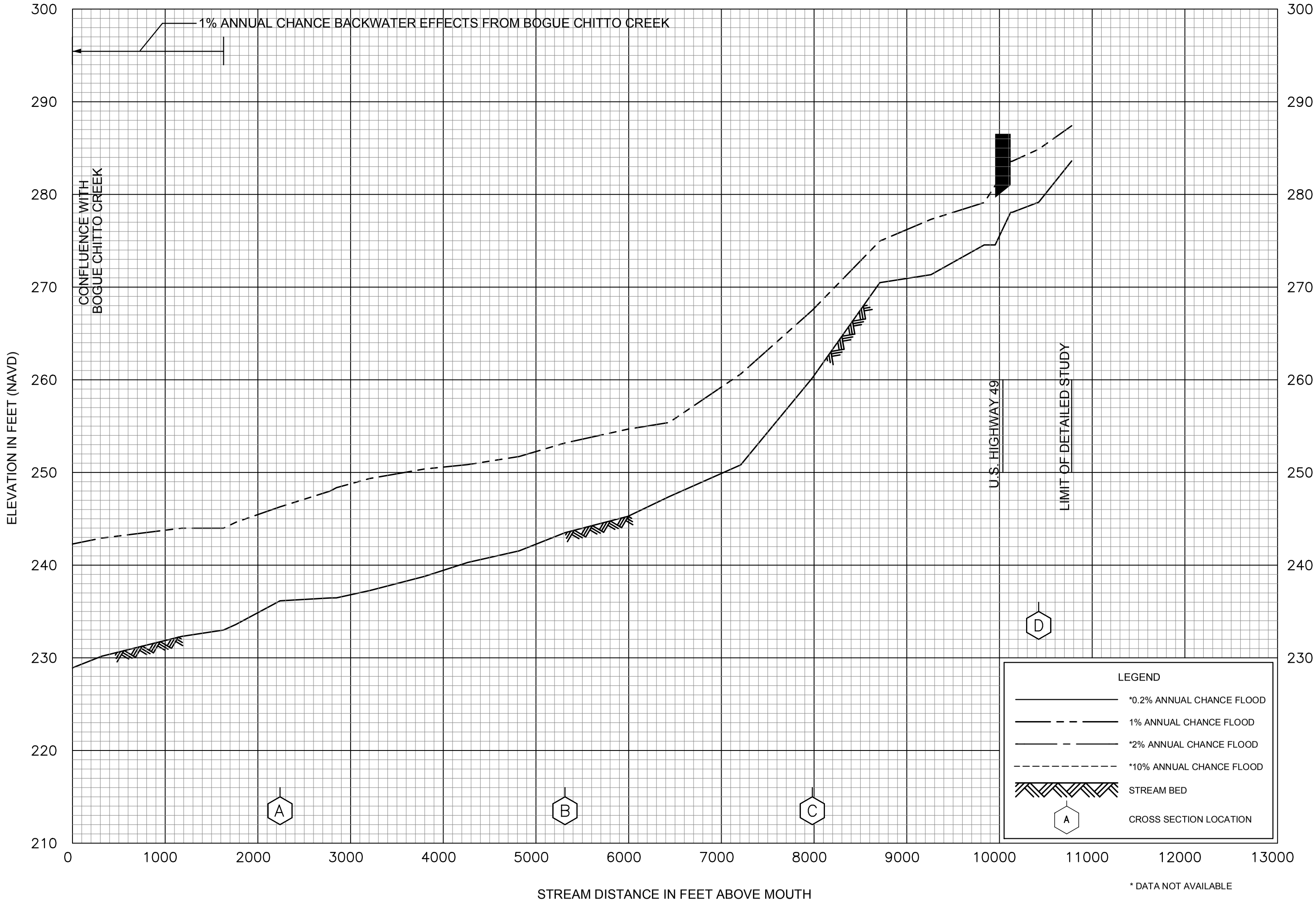


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 6-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

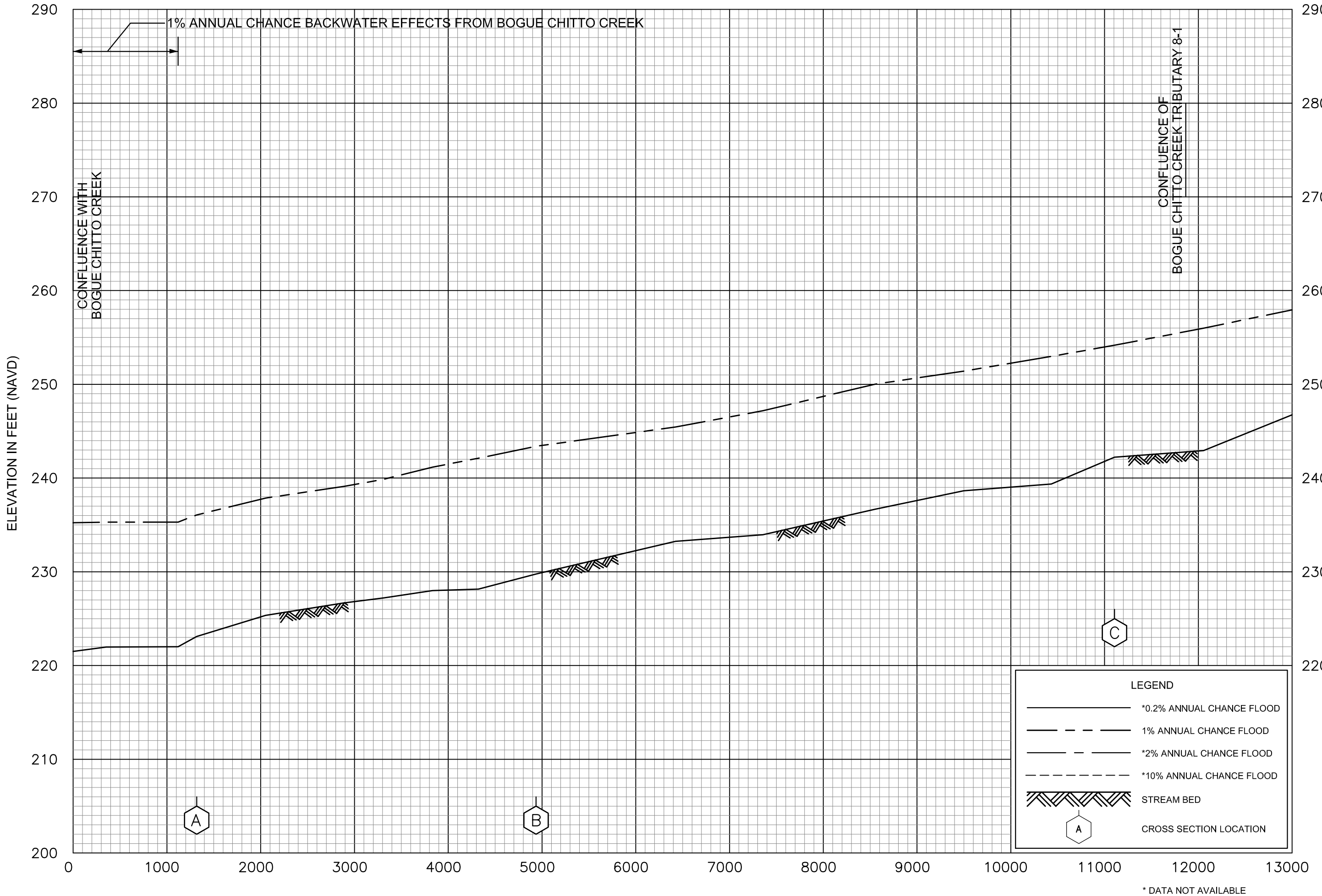


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

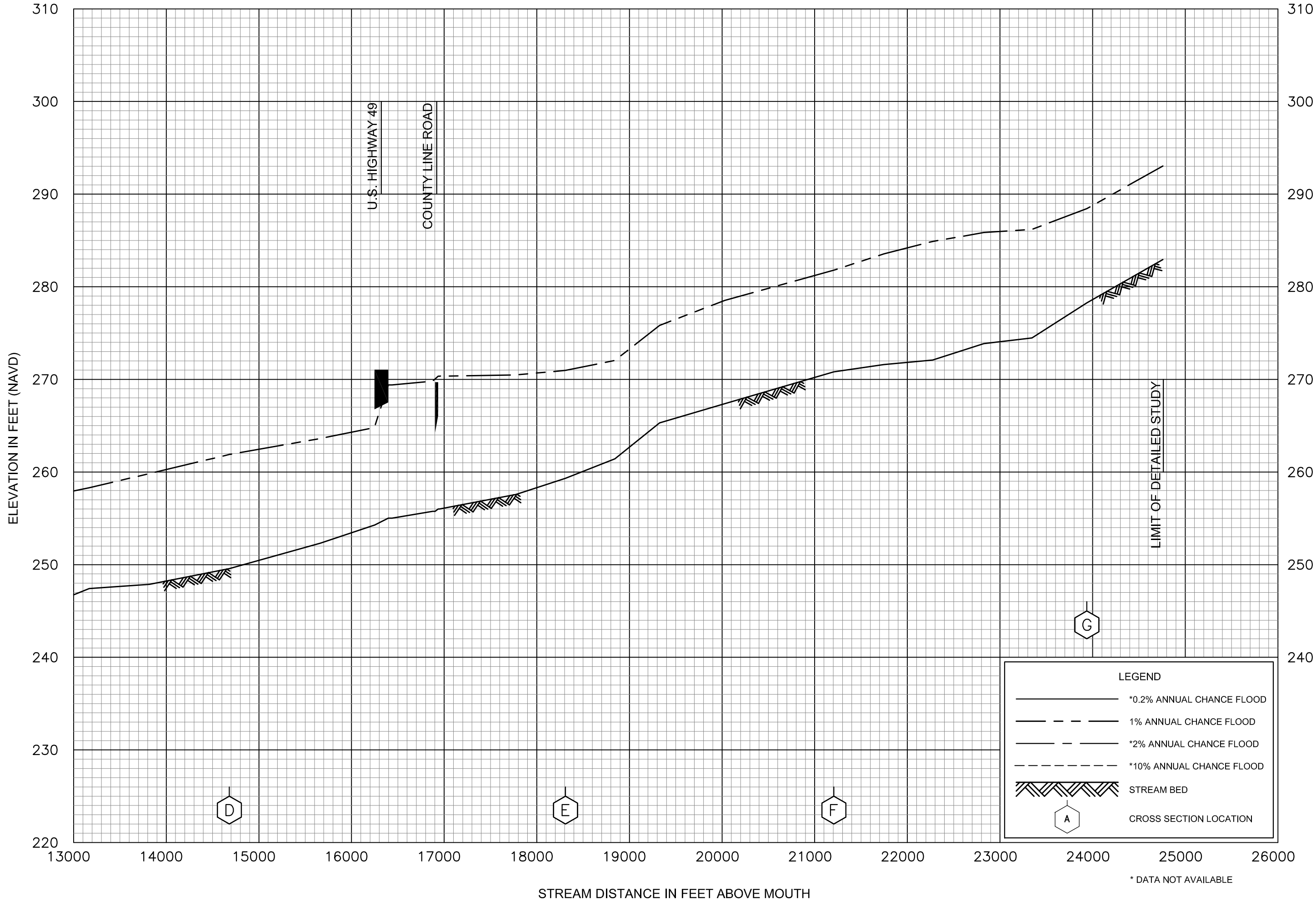


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

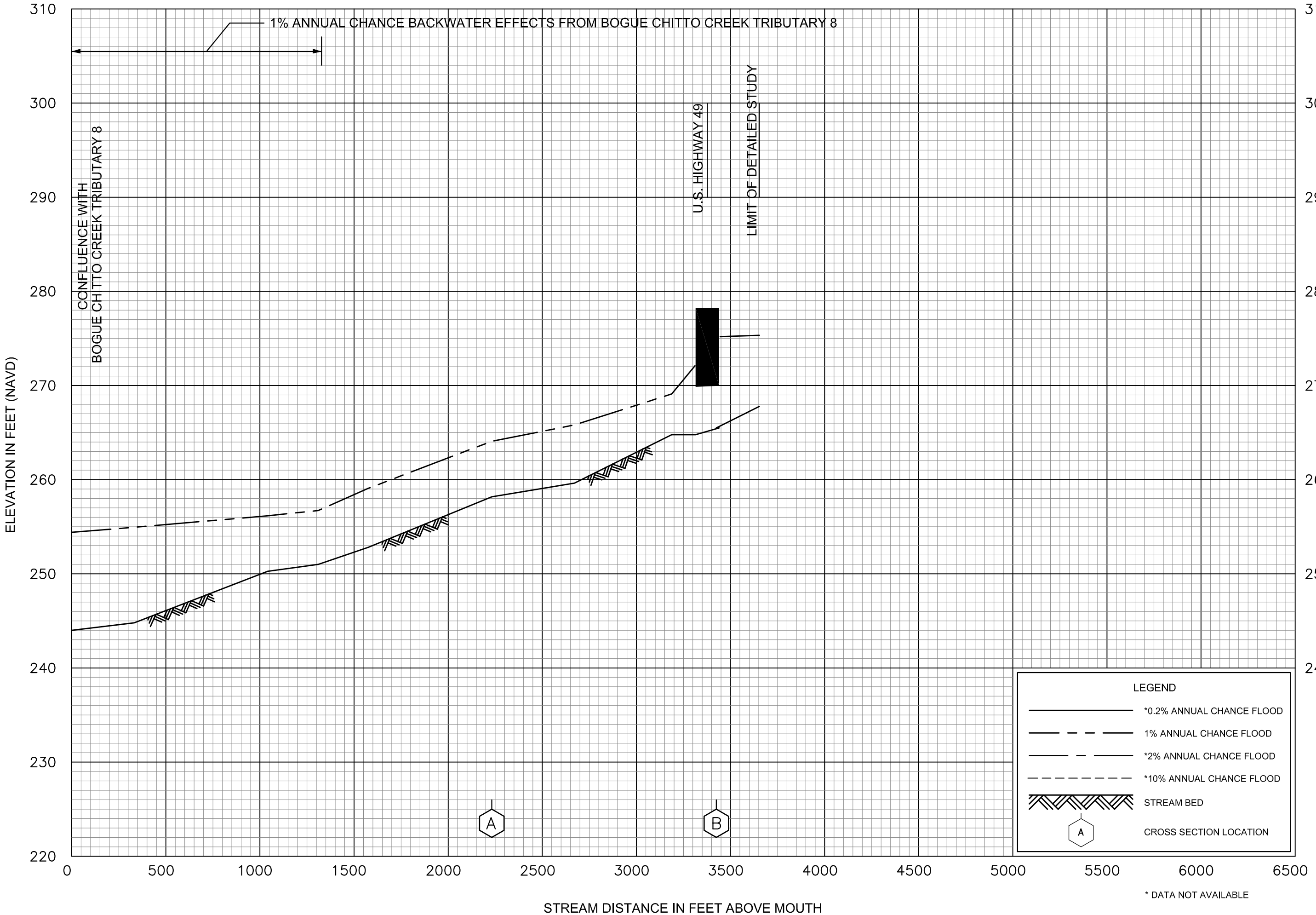


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

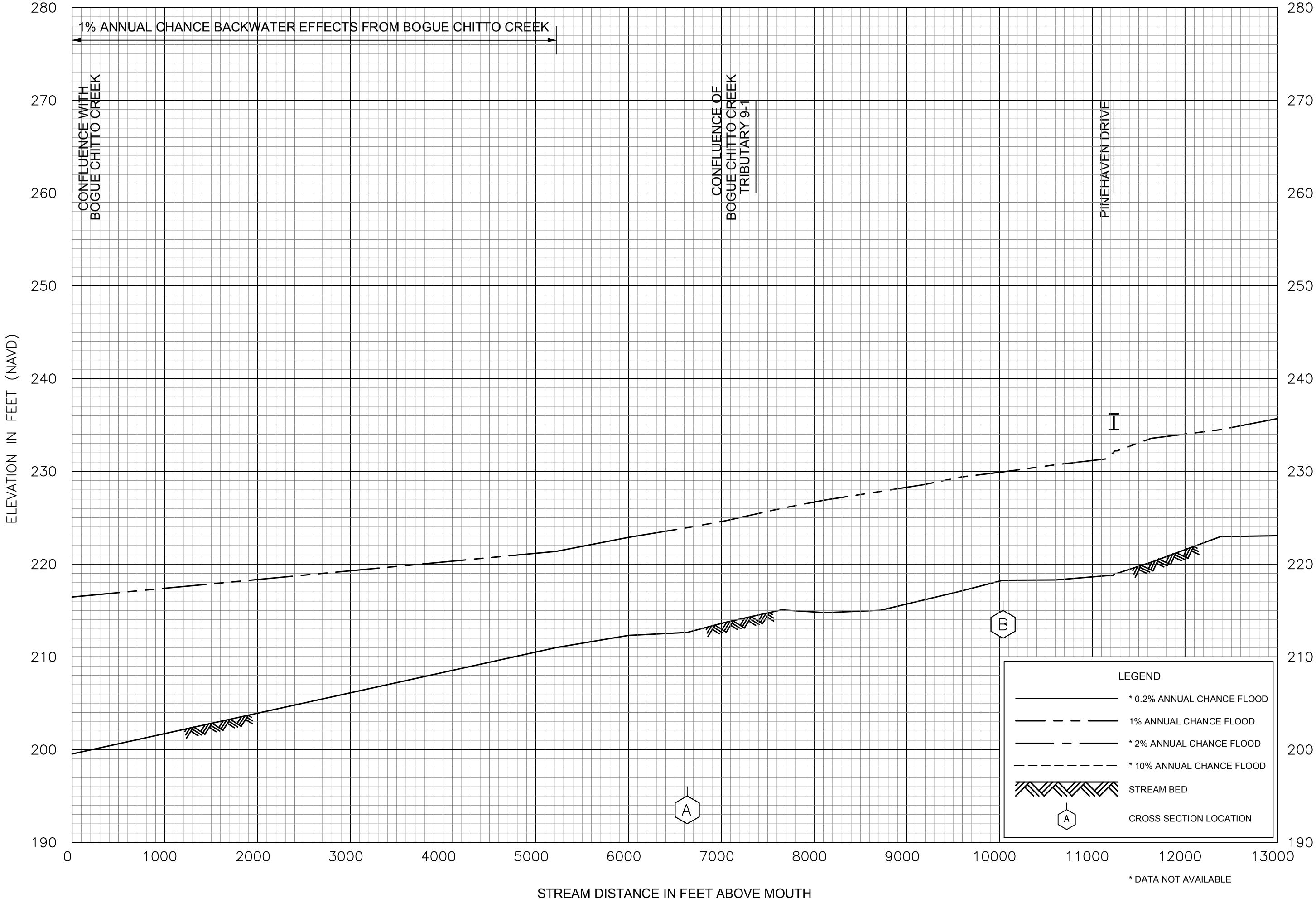


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 8-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

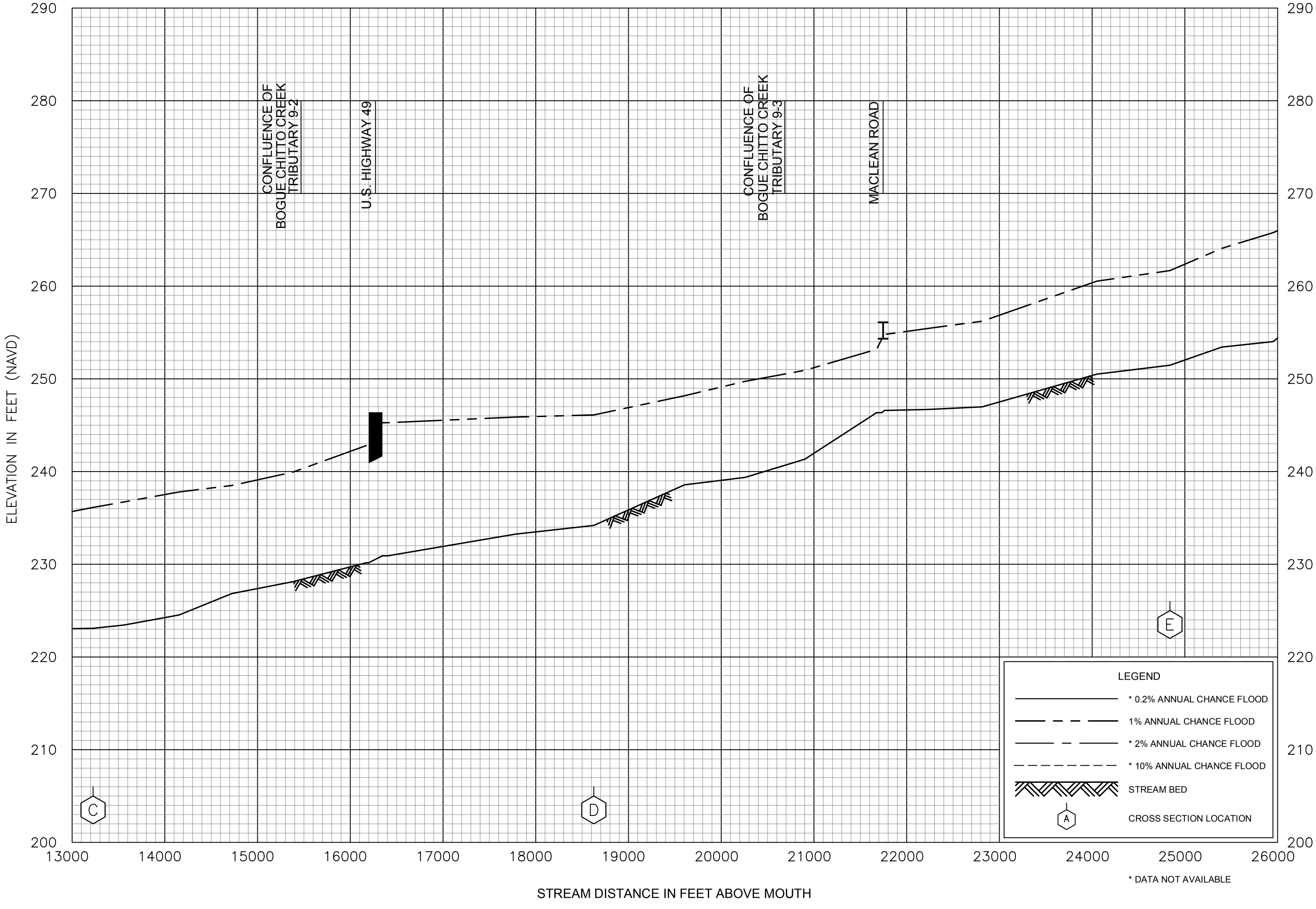


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

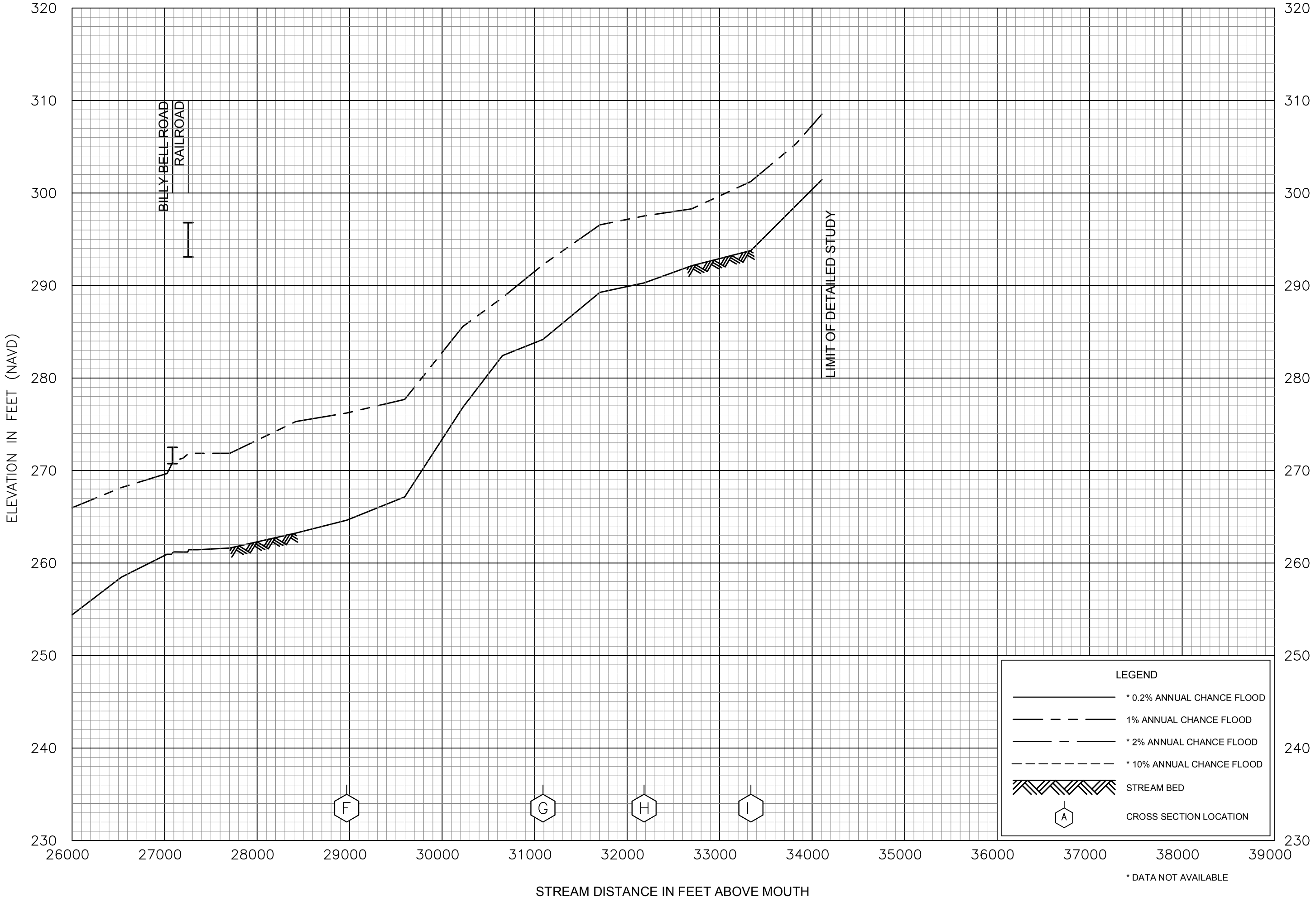
BOGUE CHITTO CREEK TRIBUTARY 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

64P



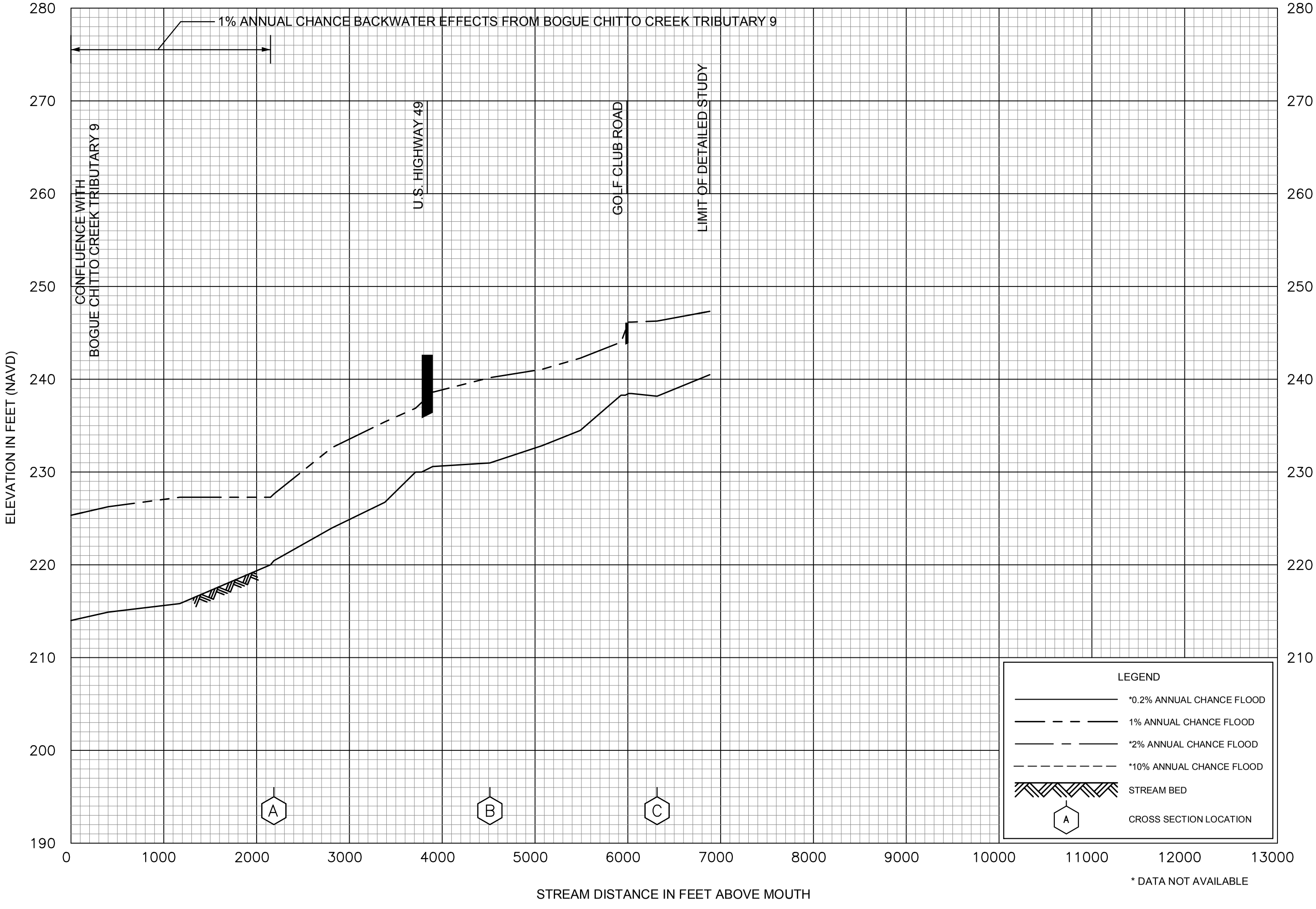
FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

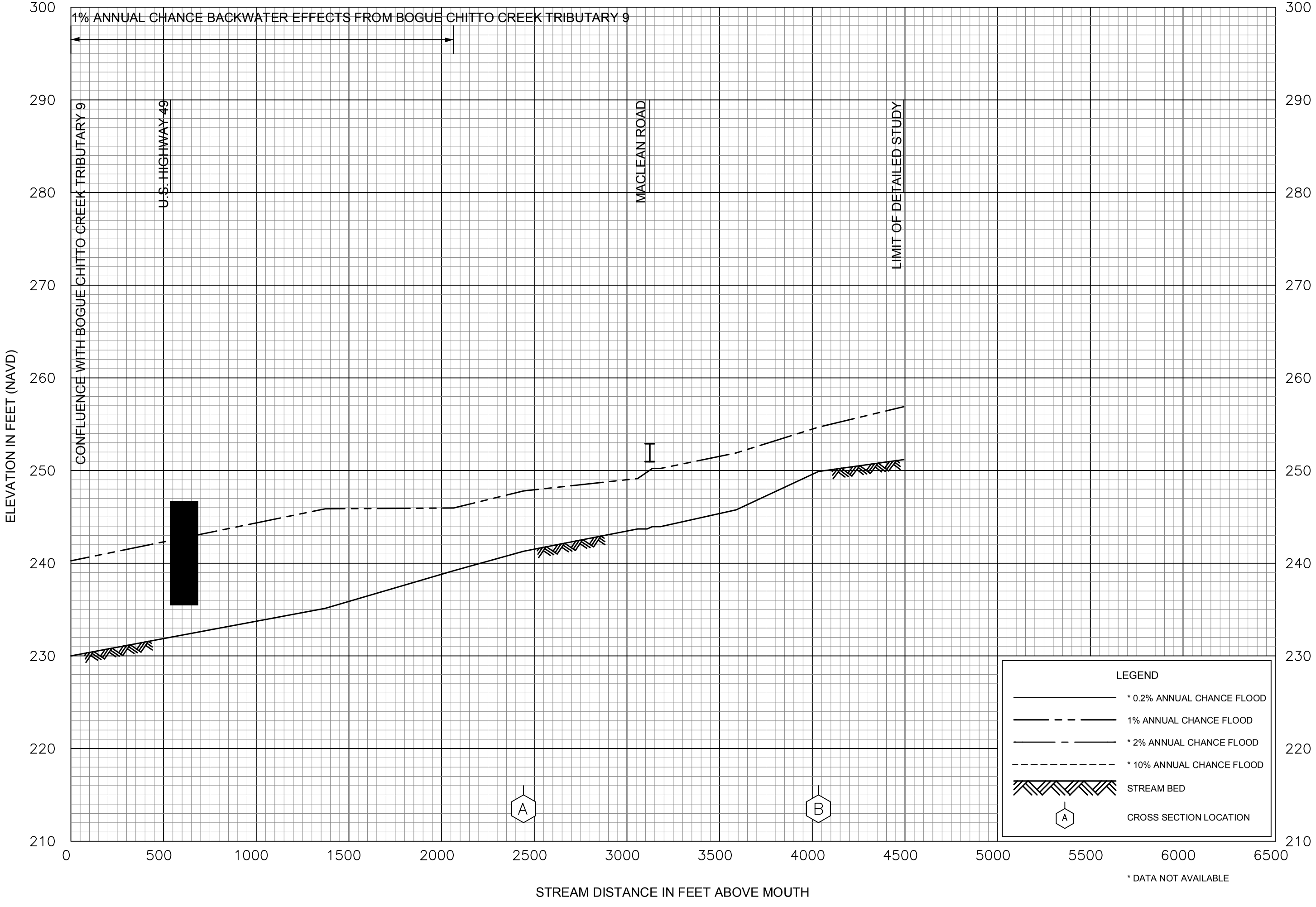


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 9-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

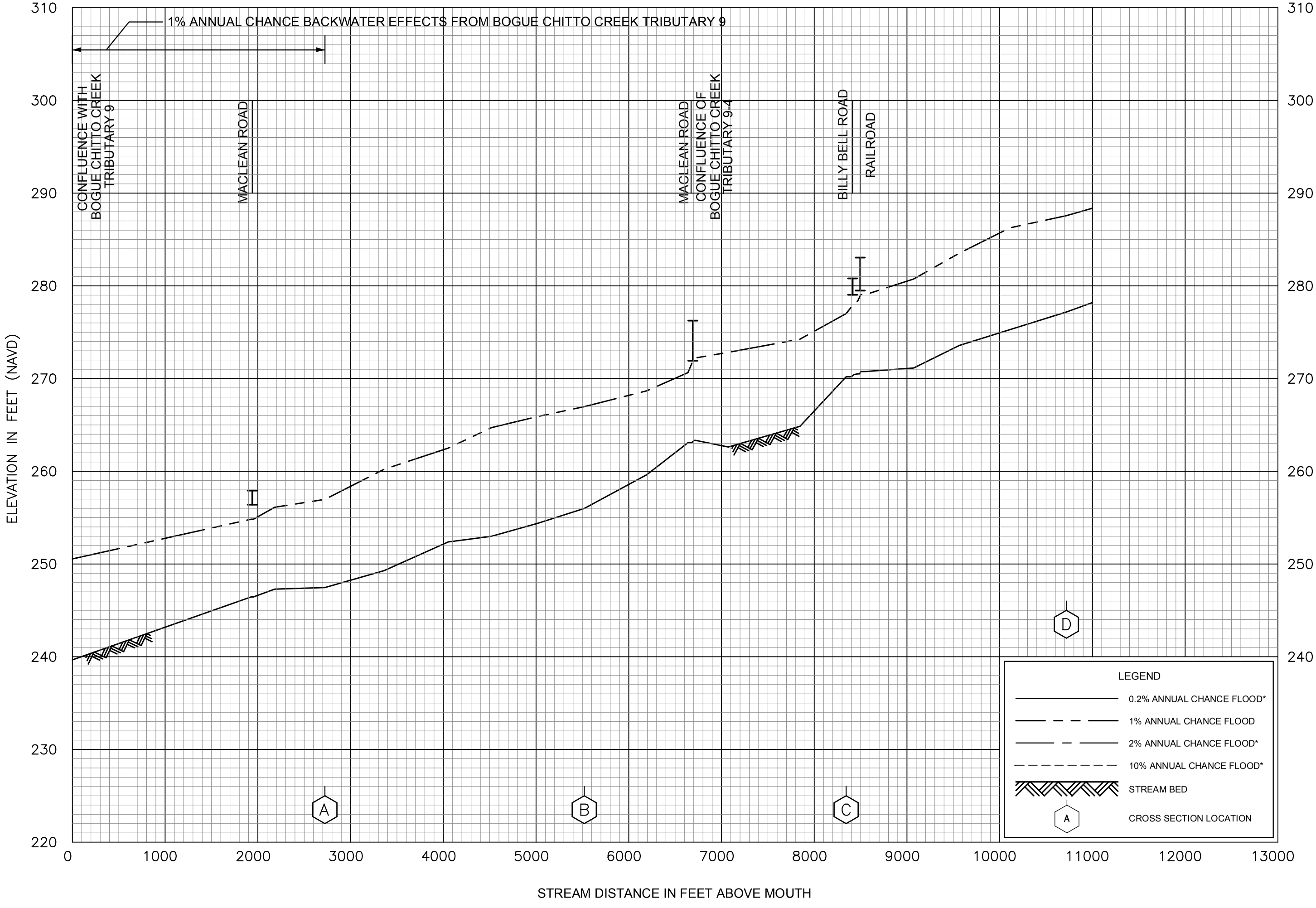


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 9-2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

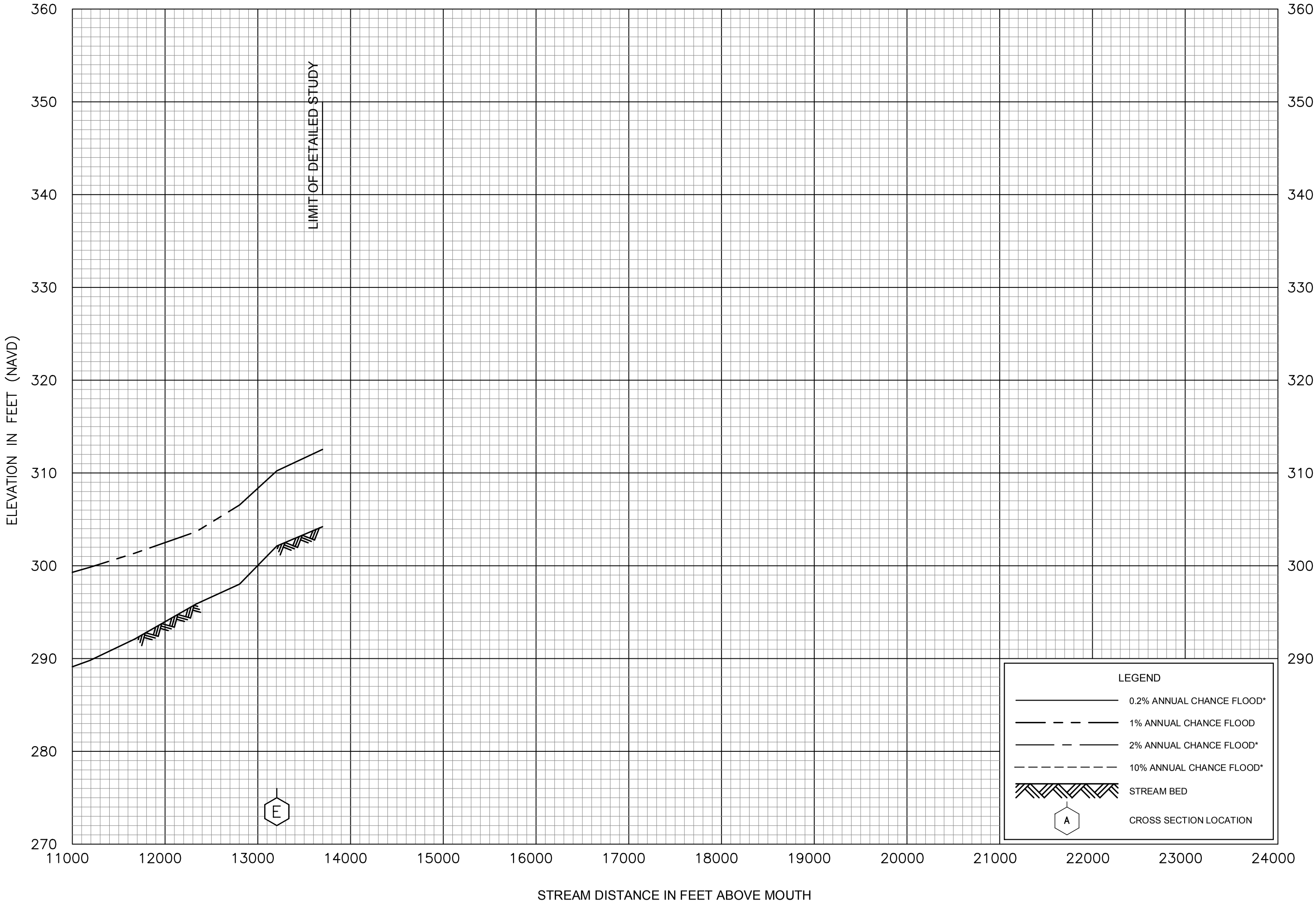
BOGUE CHITTO CREEK TRIBUTARY 9-3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

68P



FLOOD PROFILES

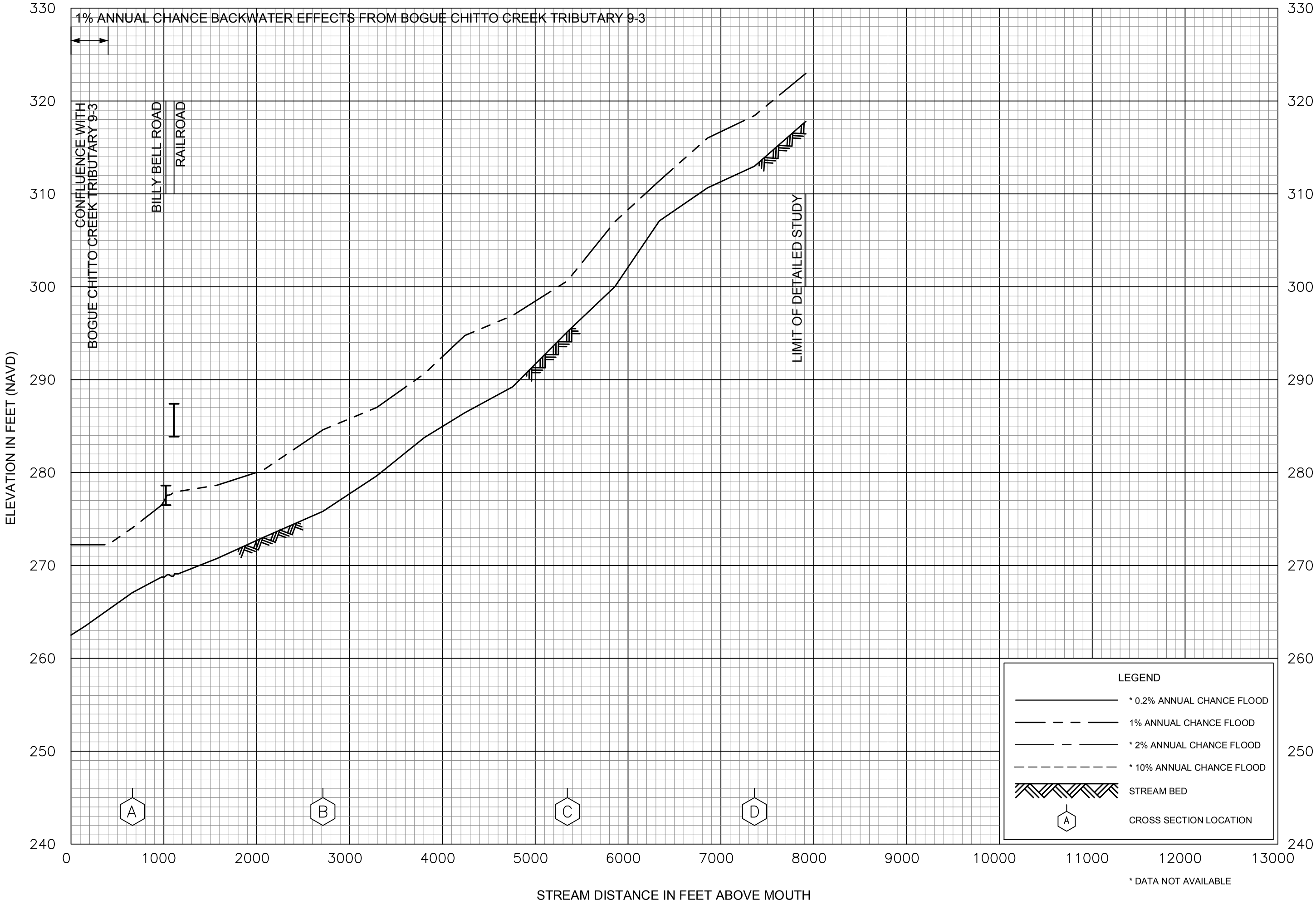
BOGUE CHITTO CREEK TRIBUTARY 9-3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

69P

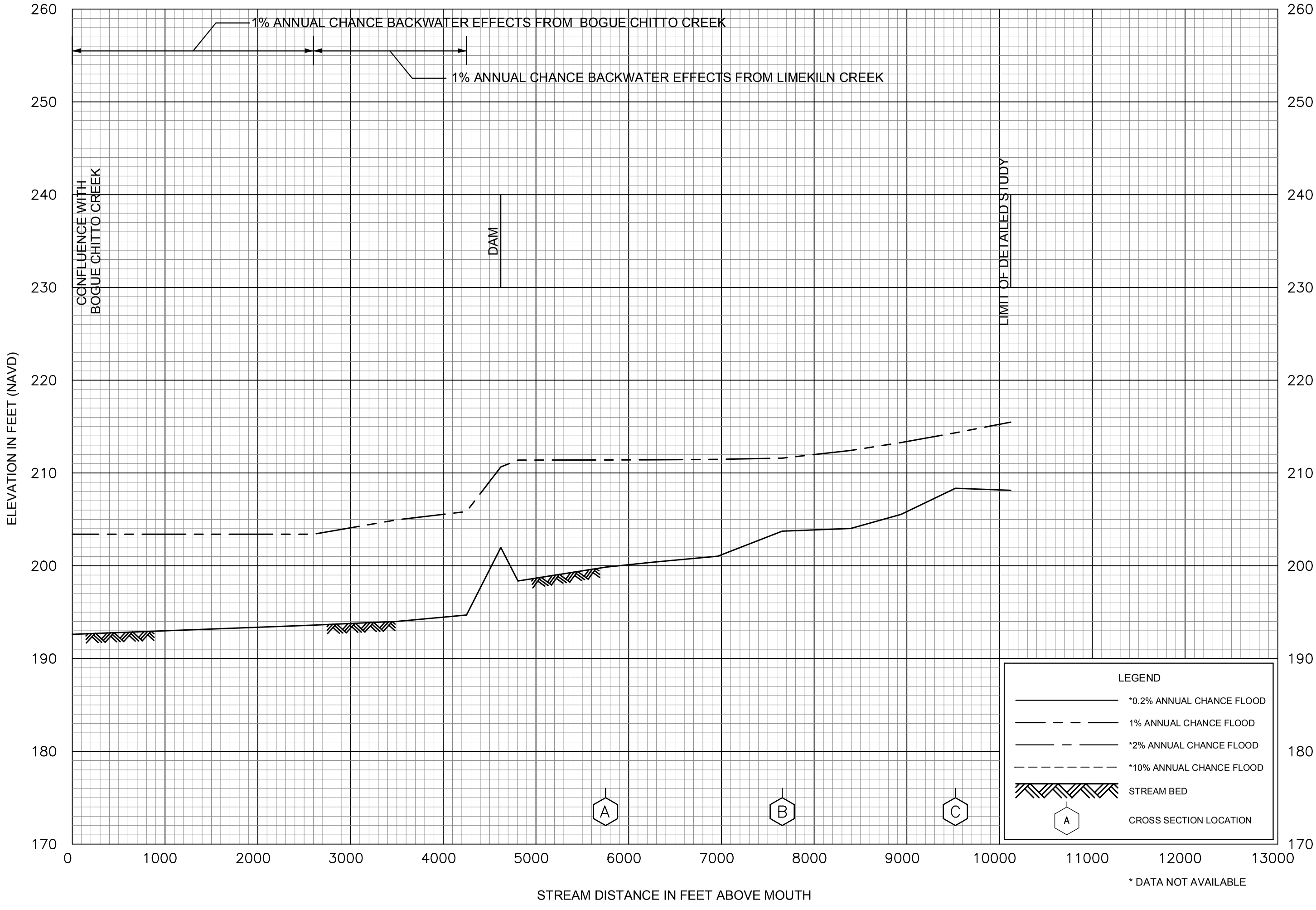


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 9-4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

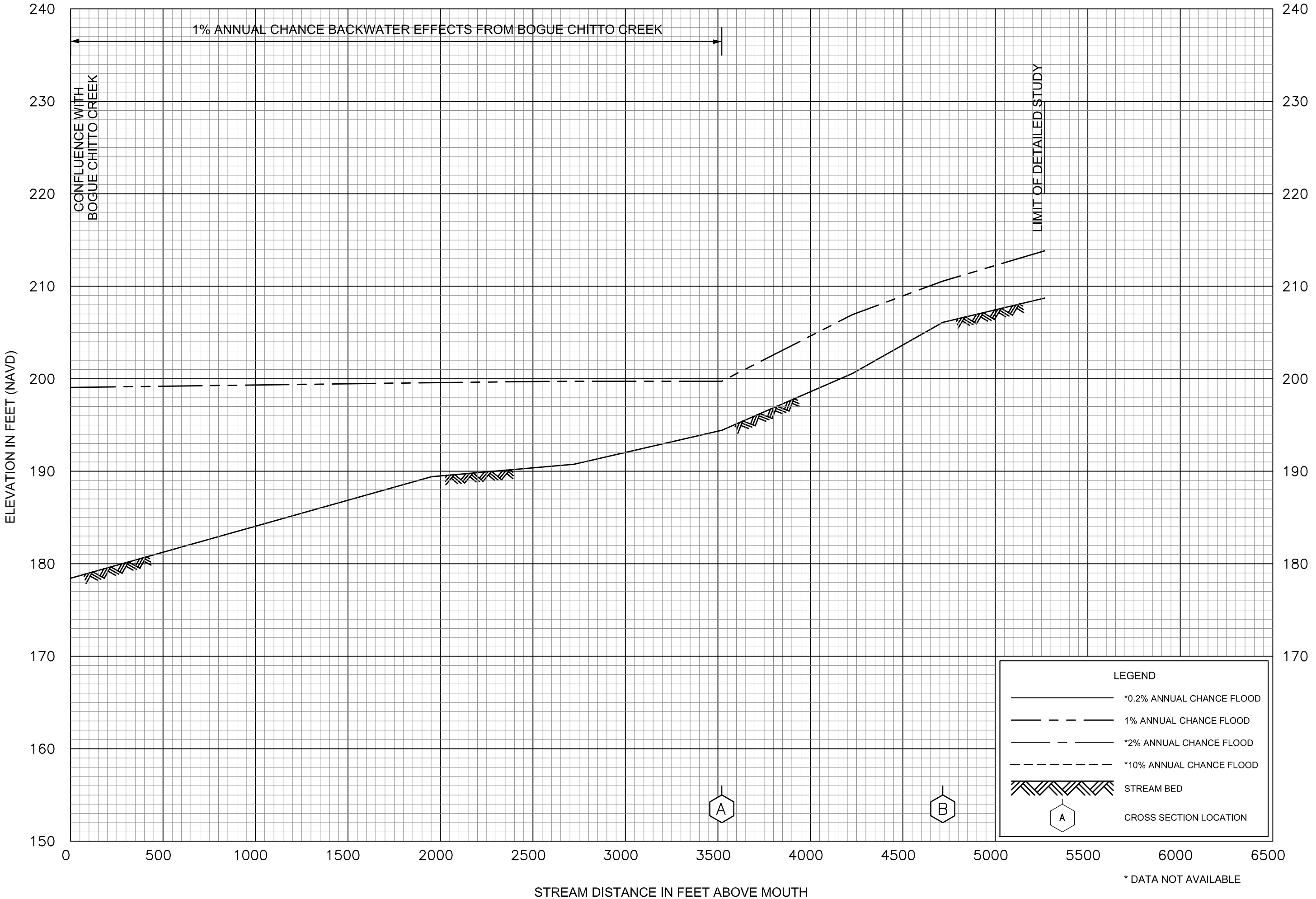


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

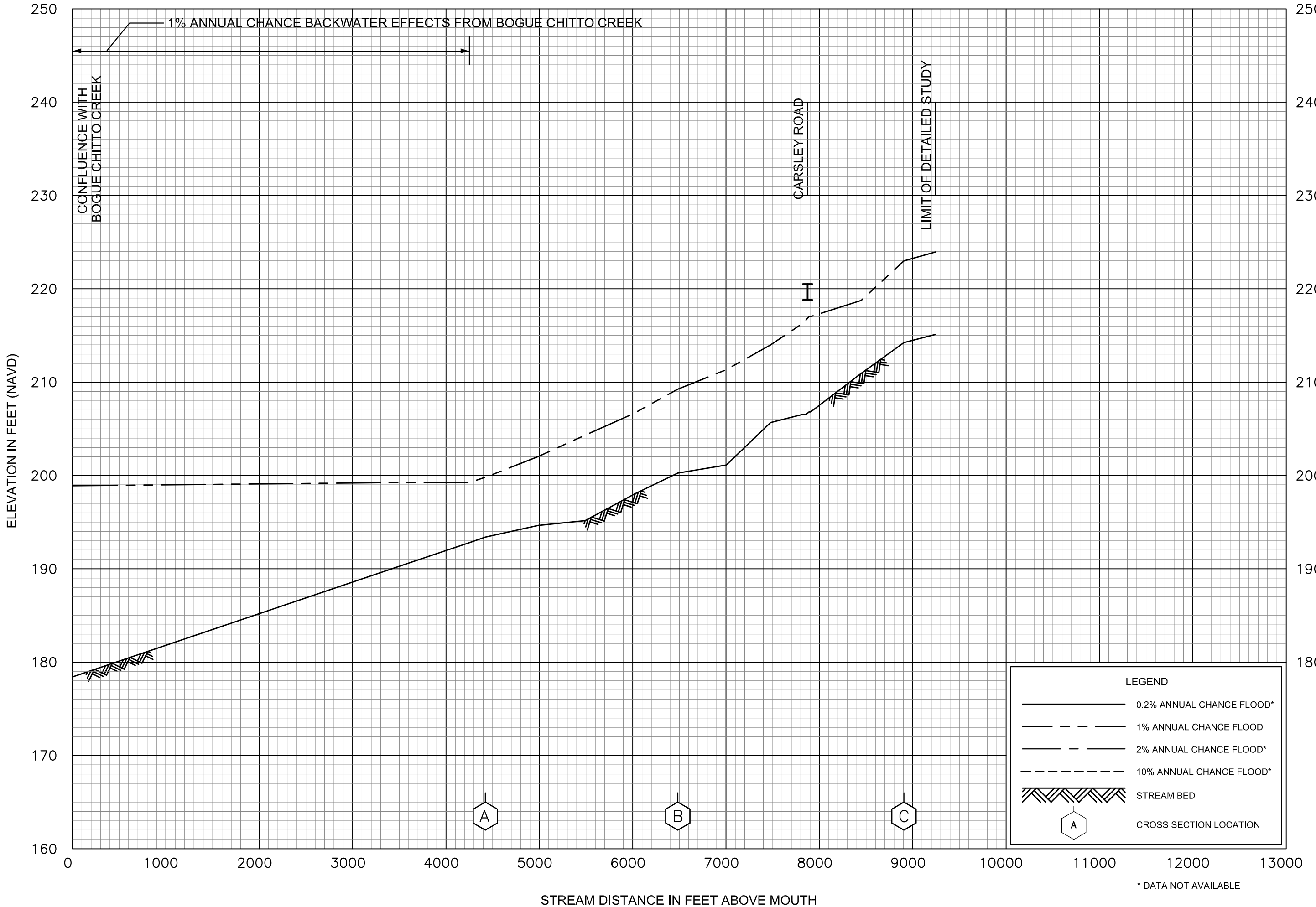


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



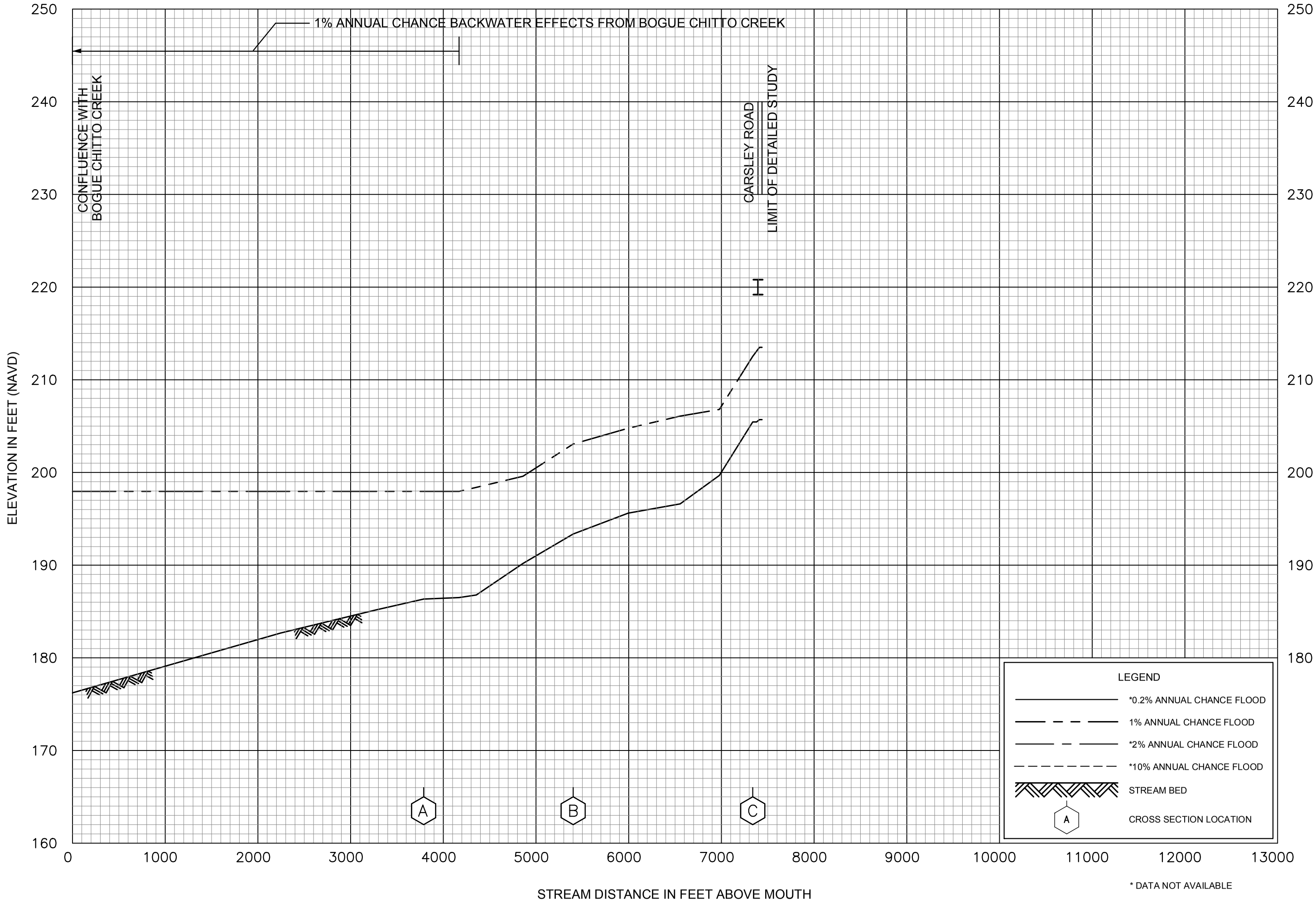
FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

73P

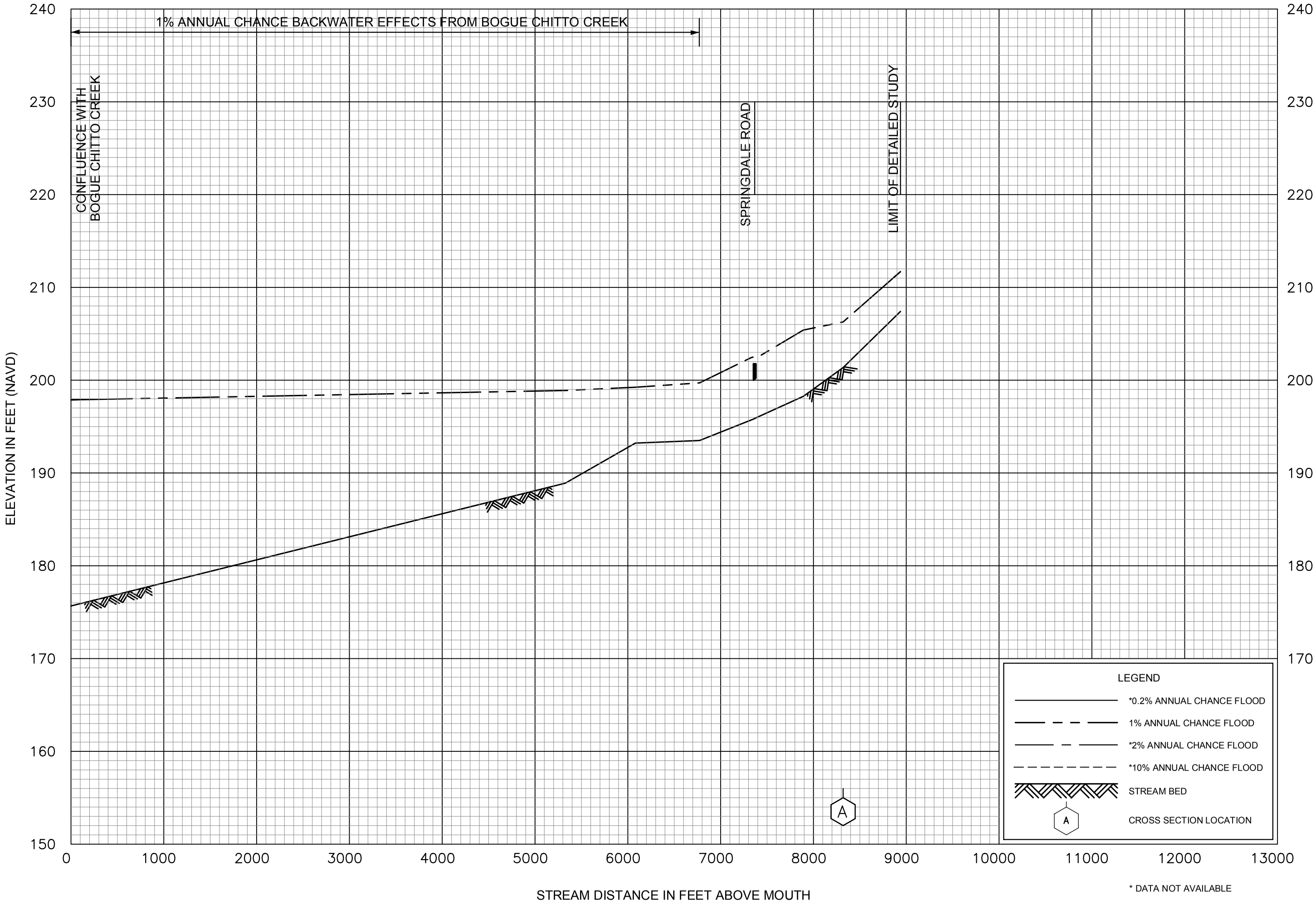


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

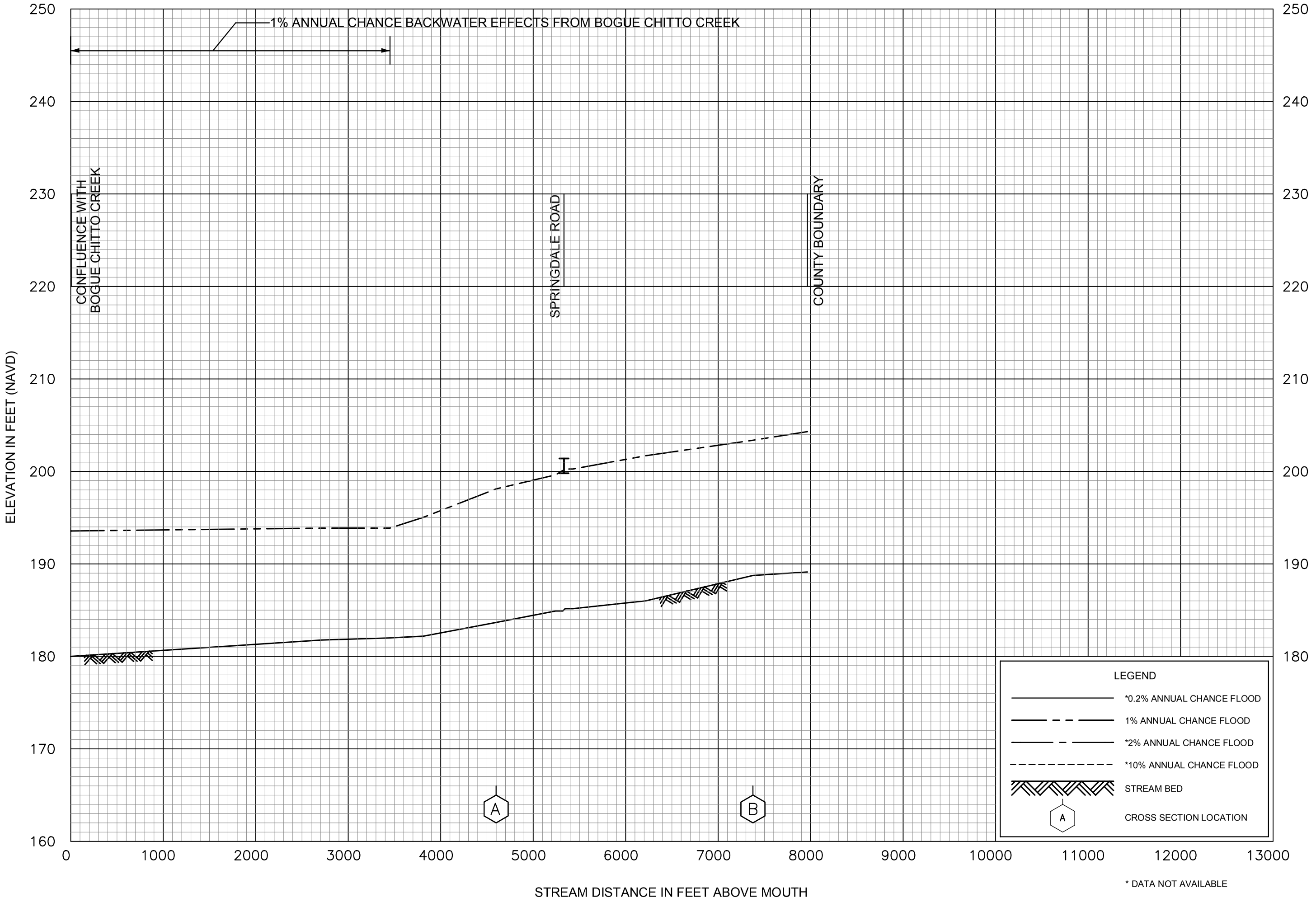


FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 14

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

BOGUE CHITTO CREEK TRIBUTARY 15

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER BACKWATER

DOWNSTREAM FLOOD ELEVATIONS CONTROLLED BY PEARL RIVER

RAILROAD

RAILROAD

FRONTAGE ROAD

FRONTAGE ROAD

U.S. INTERSTATE 55

U.S. INTERSTATE 55

TERRY ROAD

McCLUER ROAD

ELEVATION IN FEET (NAVD)

320
310
300
290
280
270
260
250
240
230

9,000
10,000
11,000
12,000
13,000
14,000
15,000
16,000
17,000
18,000
19,000
20,000
21,000
22,000

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C
D
E
F

LEGEND

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

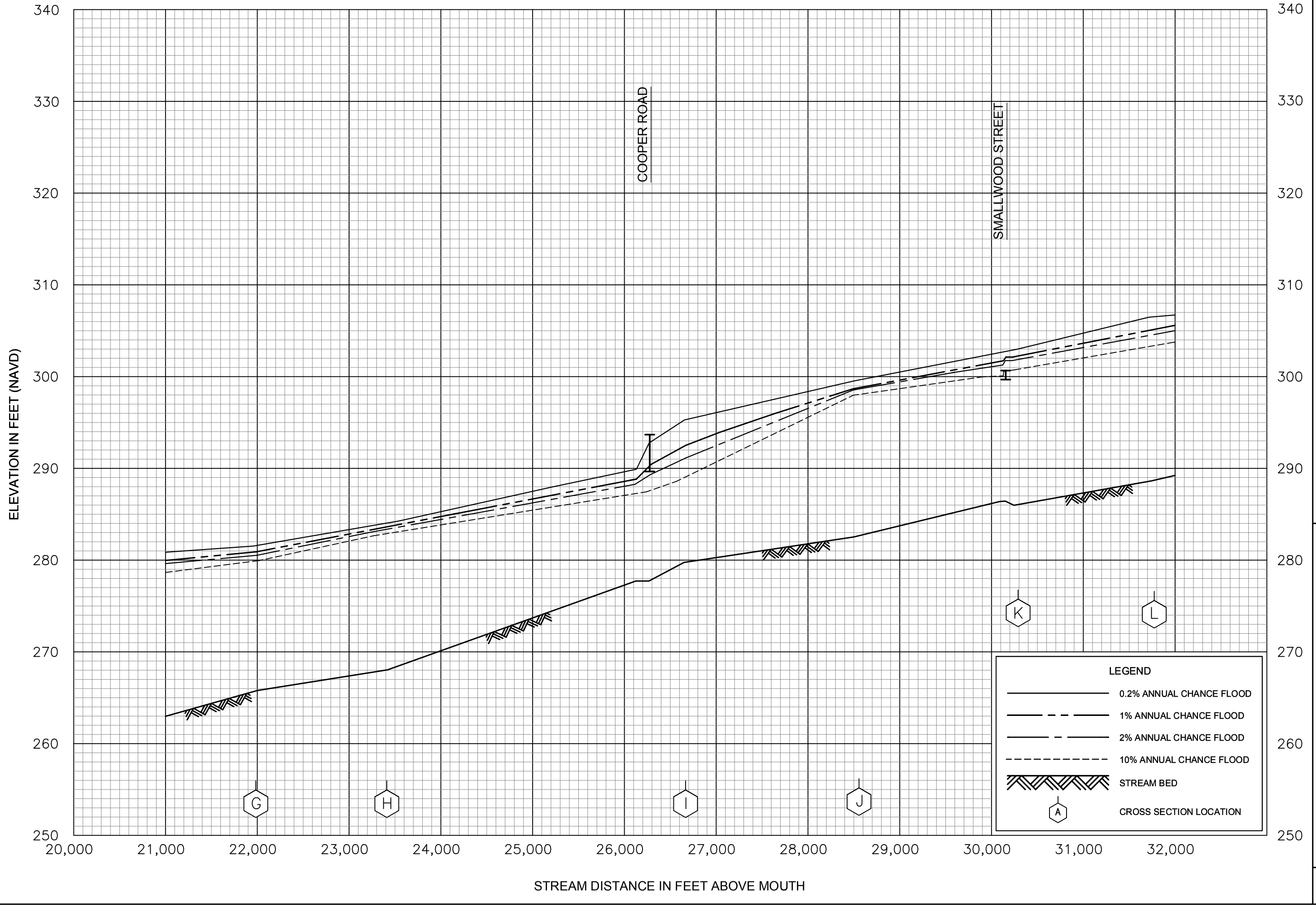
FLOOD PROFILES

CANY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

77P



FLOOD PROFILES

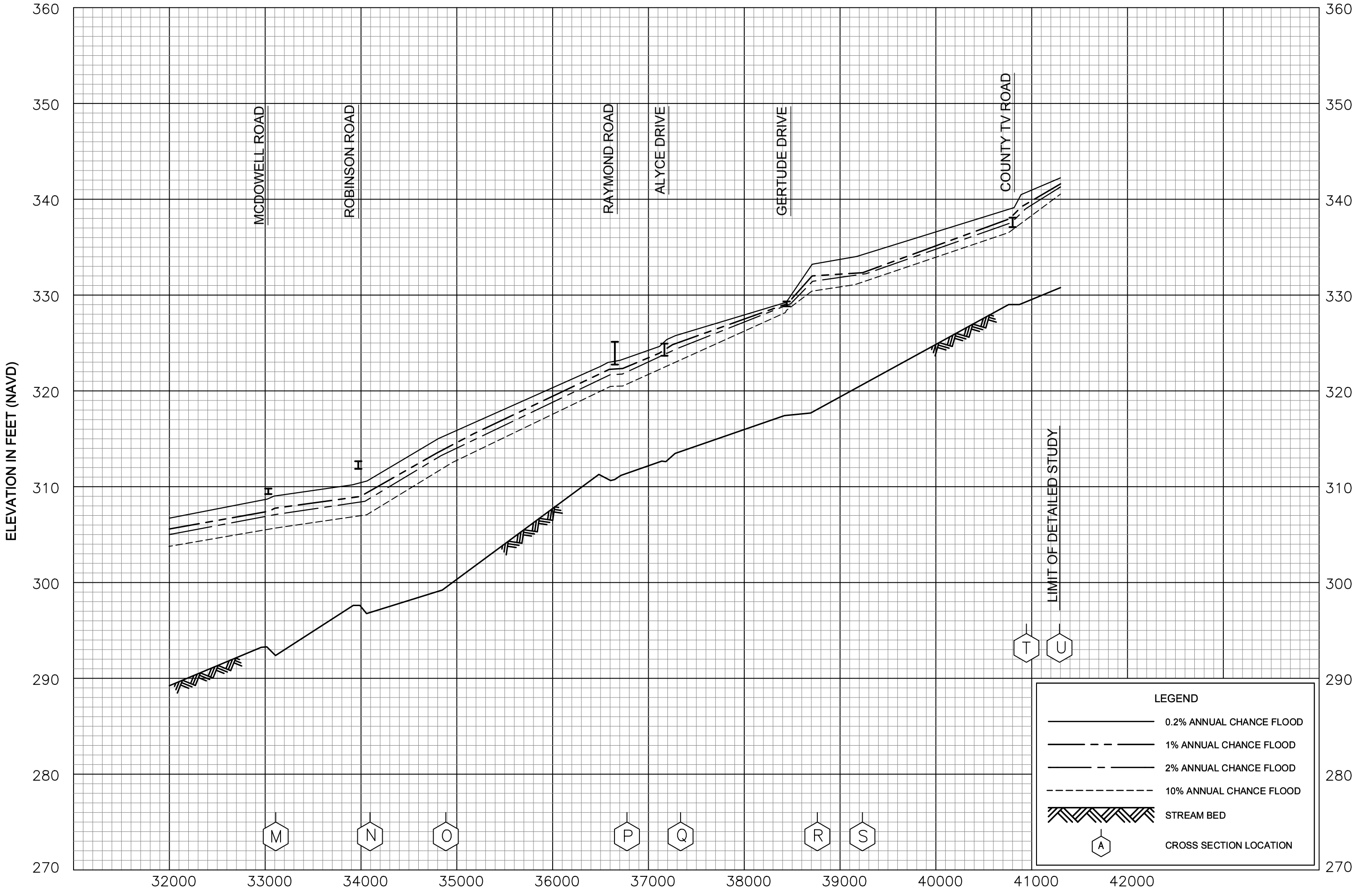
CANY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

78P



FLOOD PROFILES

CANY CREEK

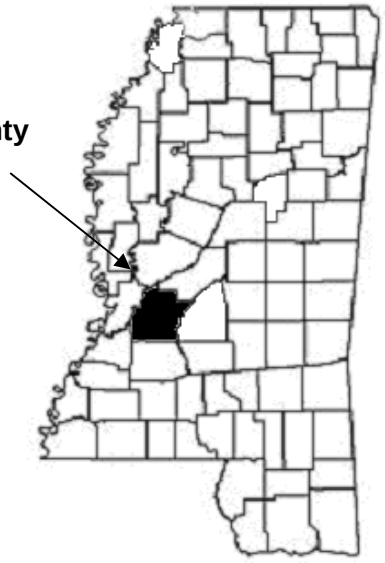
FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOOD INSURANCE STUDY

HINDS COUNTY, MISSISSIPPI
AND INCORPORATED AREAS



COMMUNITY NAME	COMMUNITY NUMBER
BOLTON, TOWN OF	280216
CLINTON, CITY OF	280071
HINDS COUNTY (UNINCORPORATED AREAS)	280070
JACKSON, CITY OF	280072
RAYMOND, TOWN OF	280320
TERRY, TOWN OF	280073

EFFECTIVE:

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
28049CV003A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

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

Initial Countywide FIS Effective Date:

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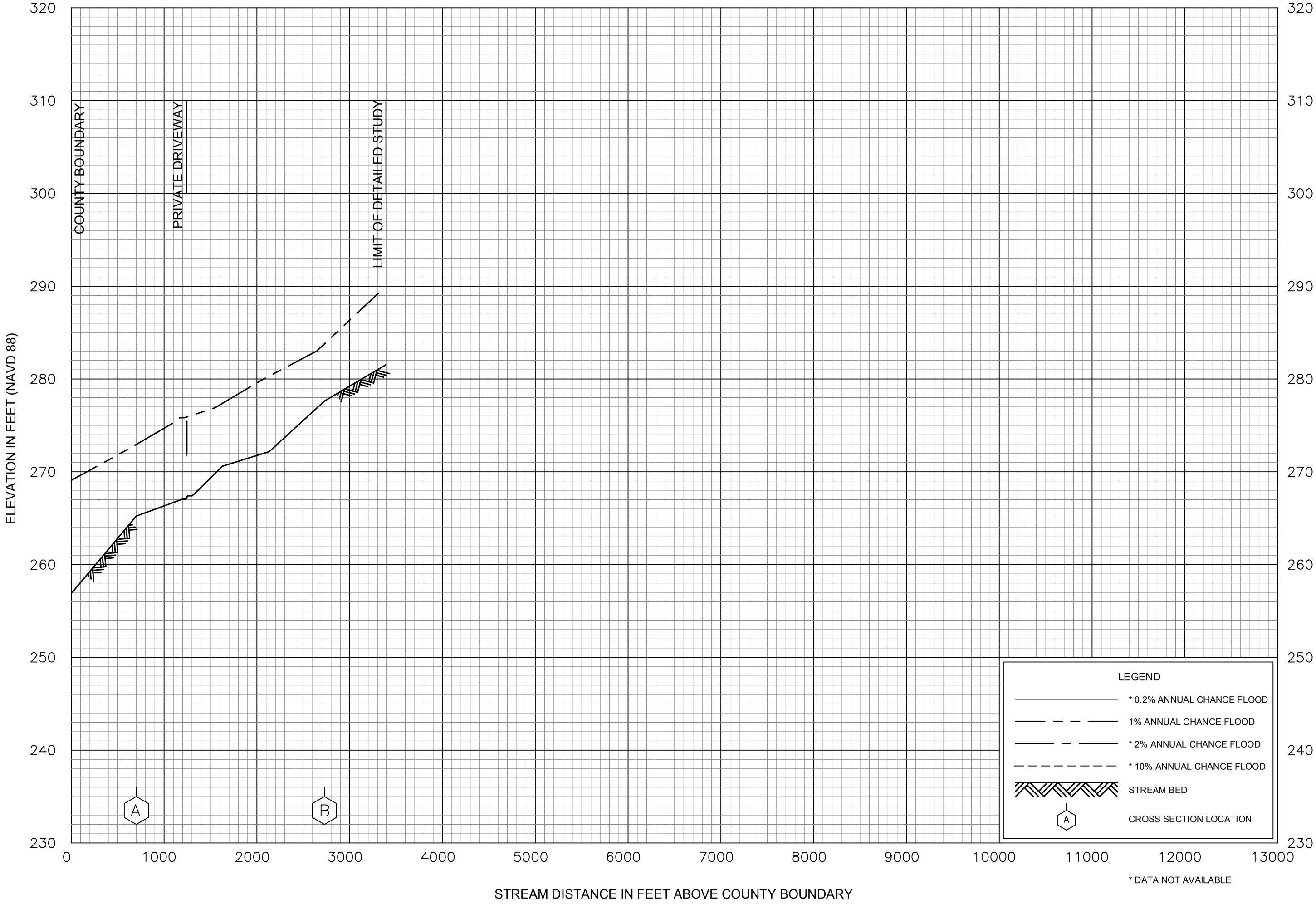
Flood Insurance Rate Map

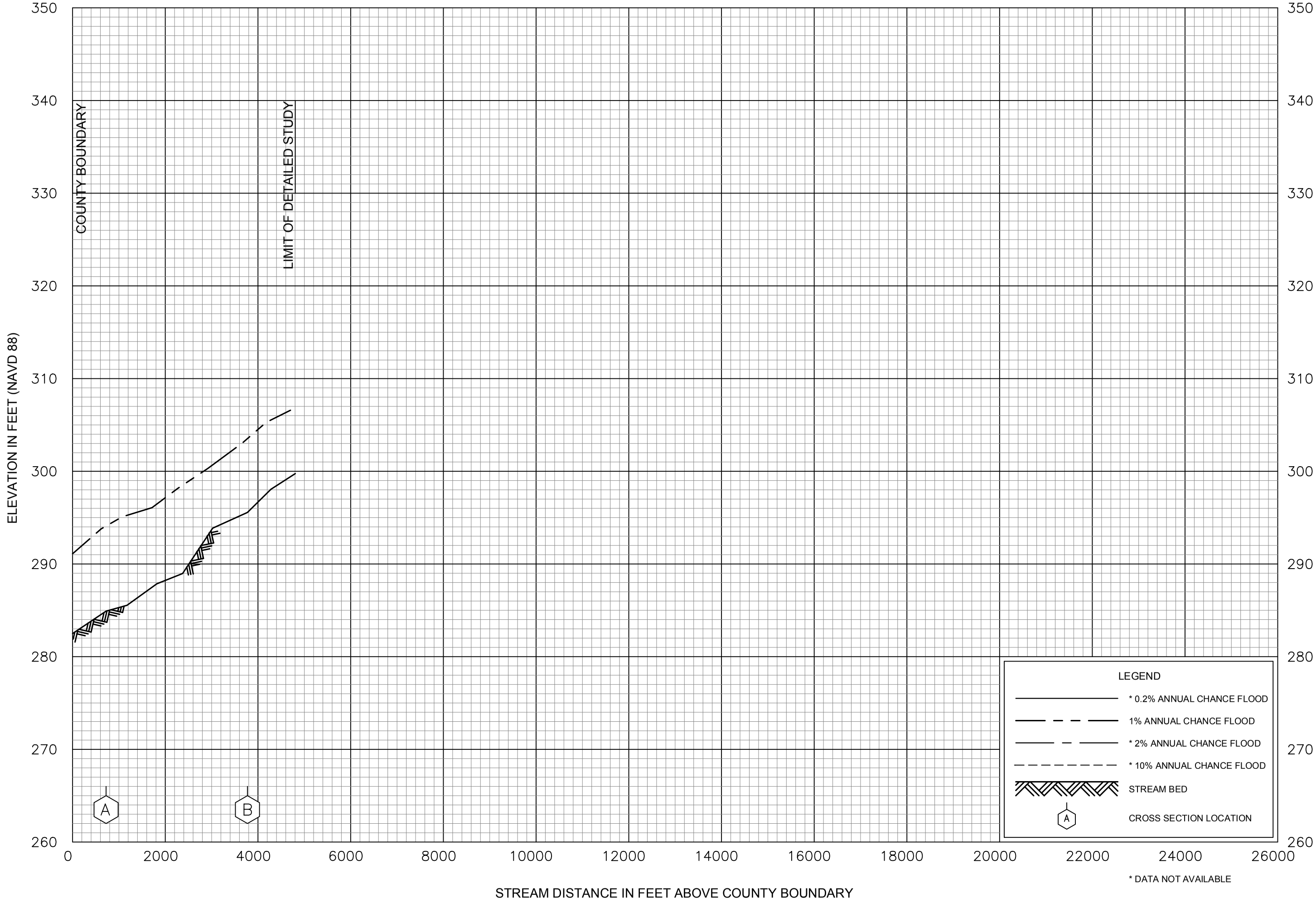


FLOOD PROFILES

CHESTNUT CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

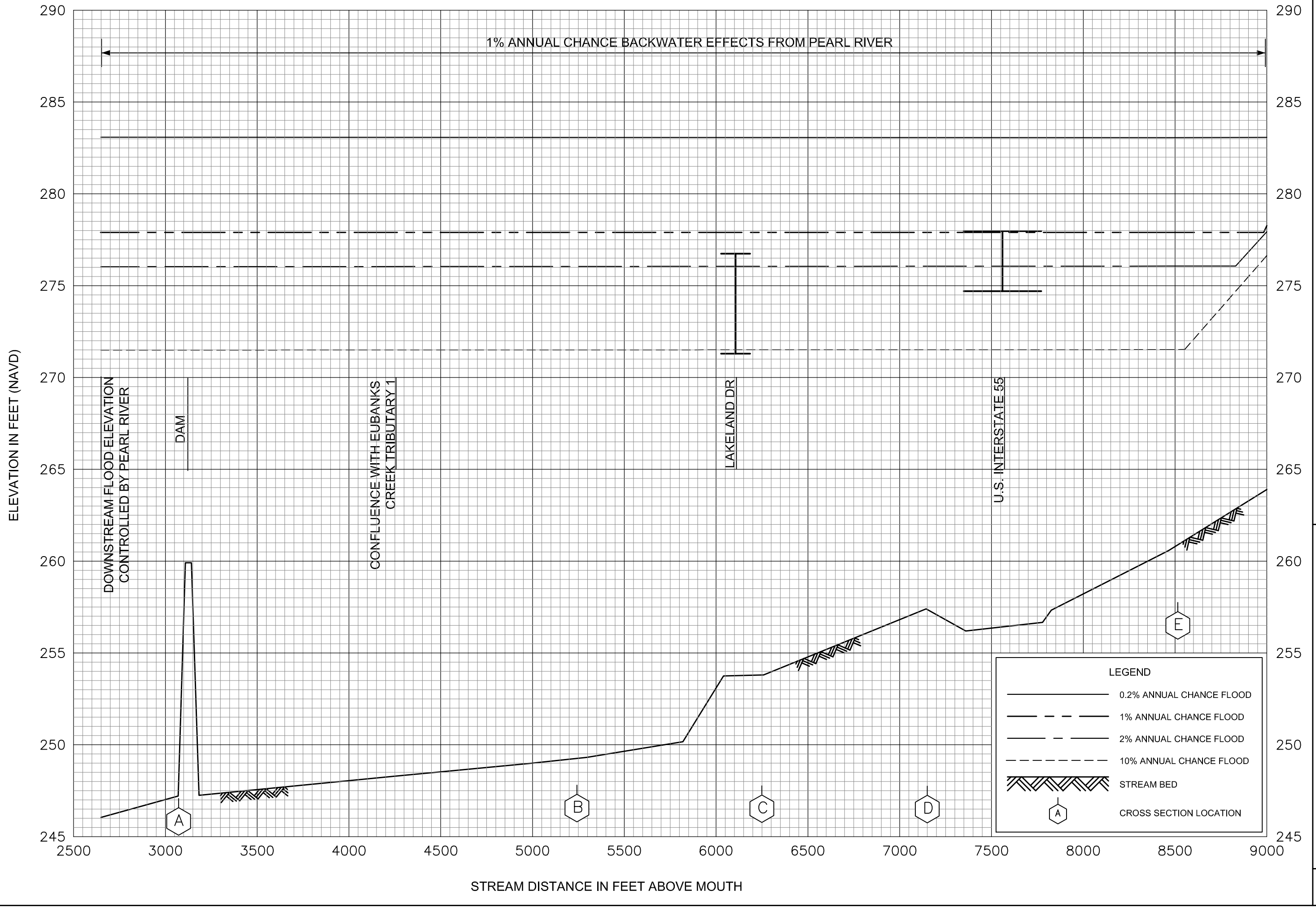


FLOOD PROFILES

CHESTNUT CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

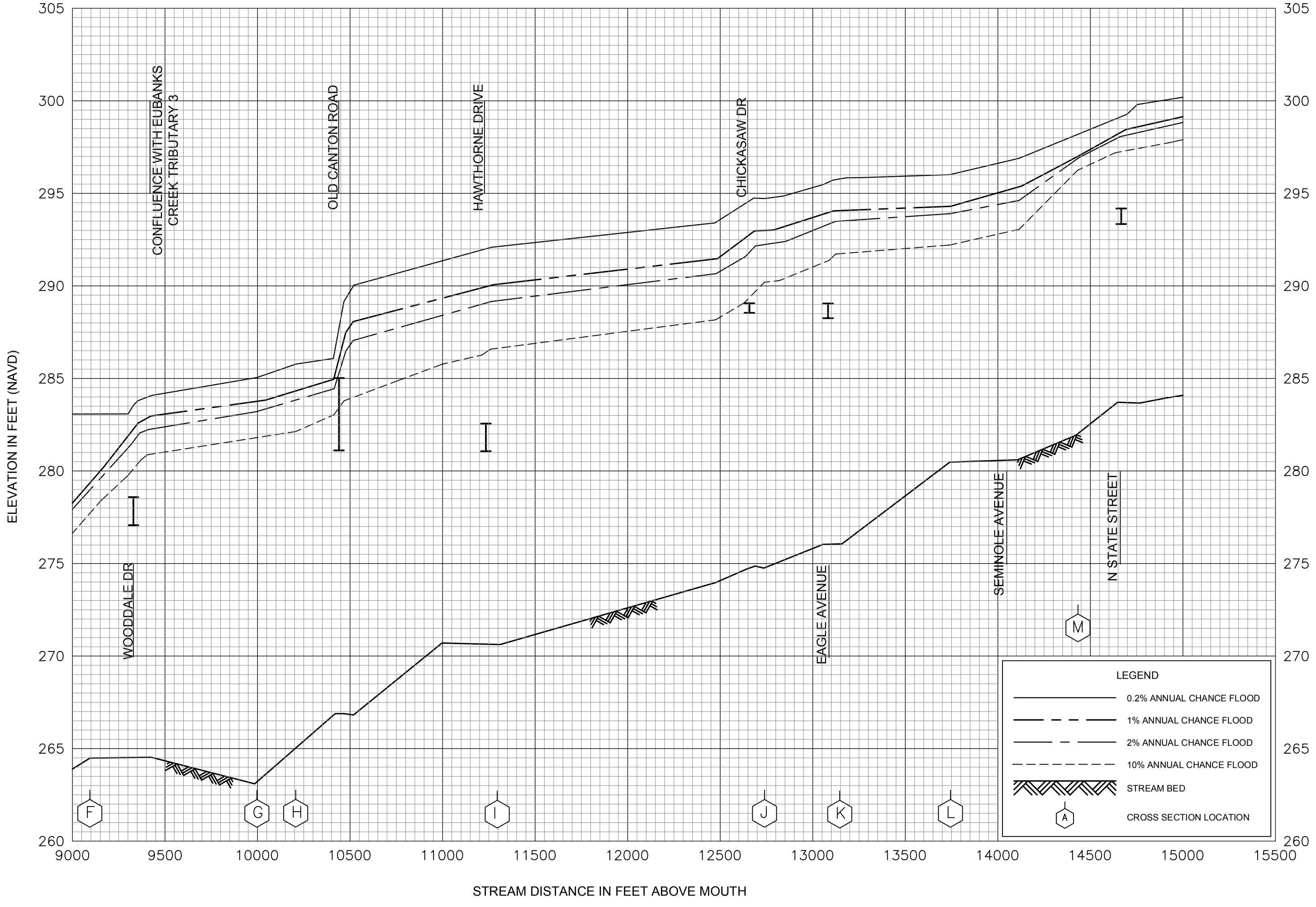
EUBANKS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

82P



FLOOD PROFILES

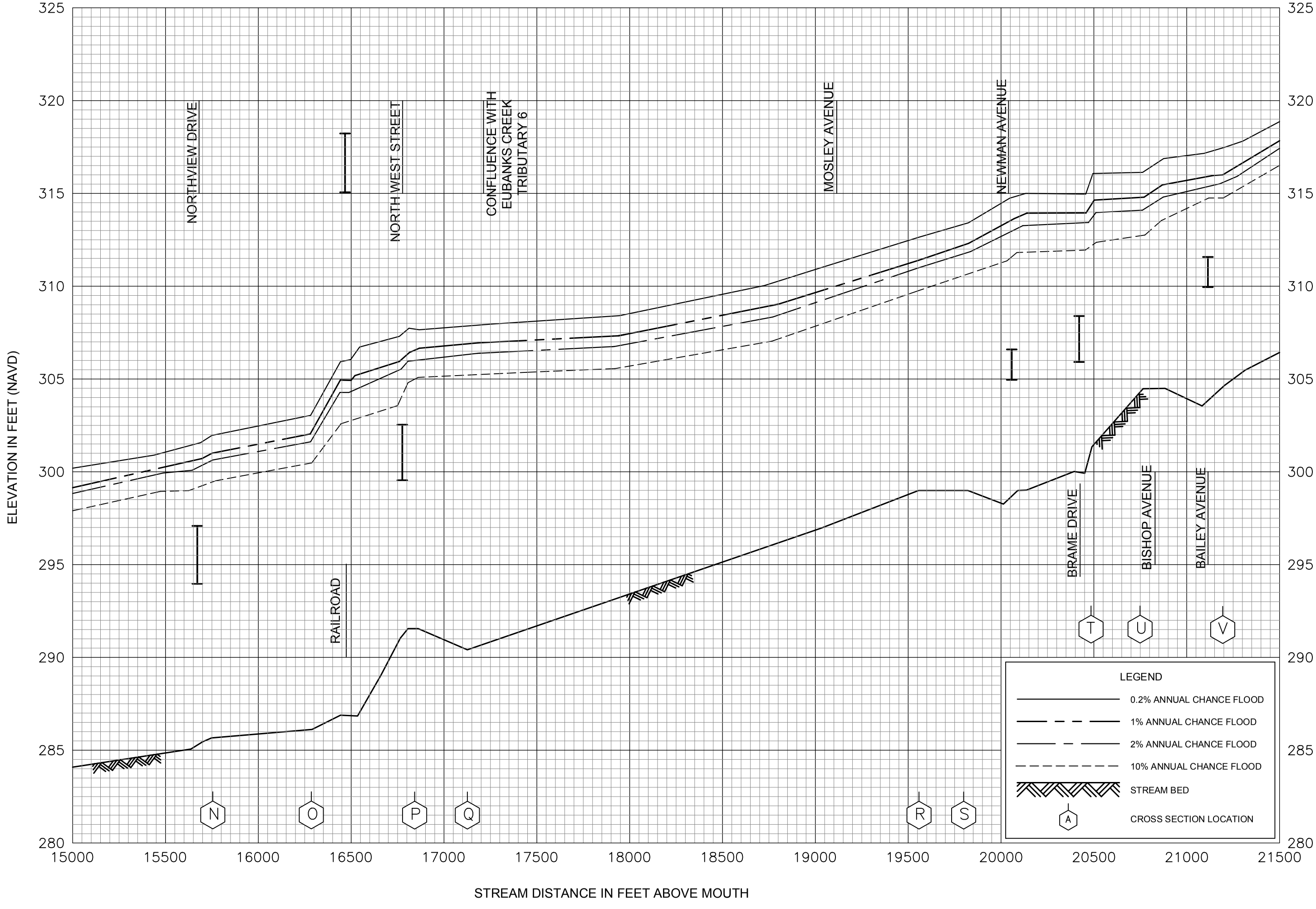
EUBANKS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

83P



FLOOD PROFILES

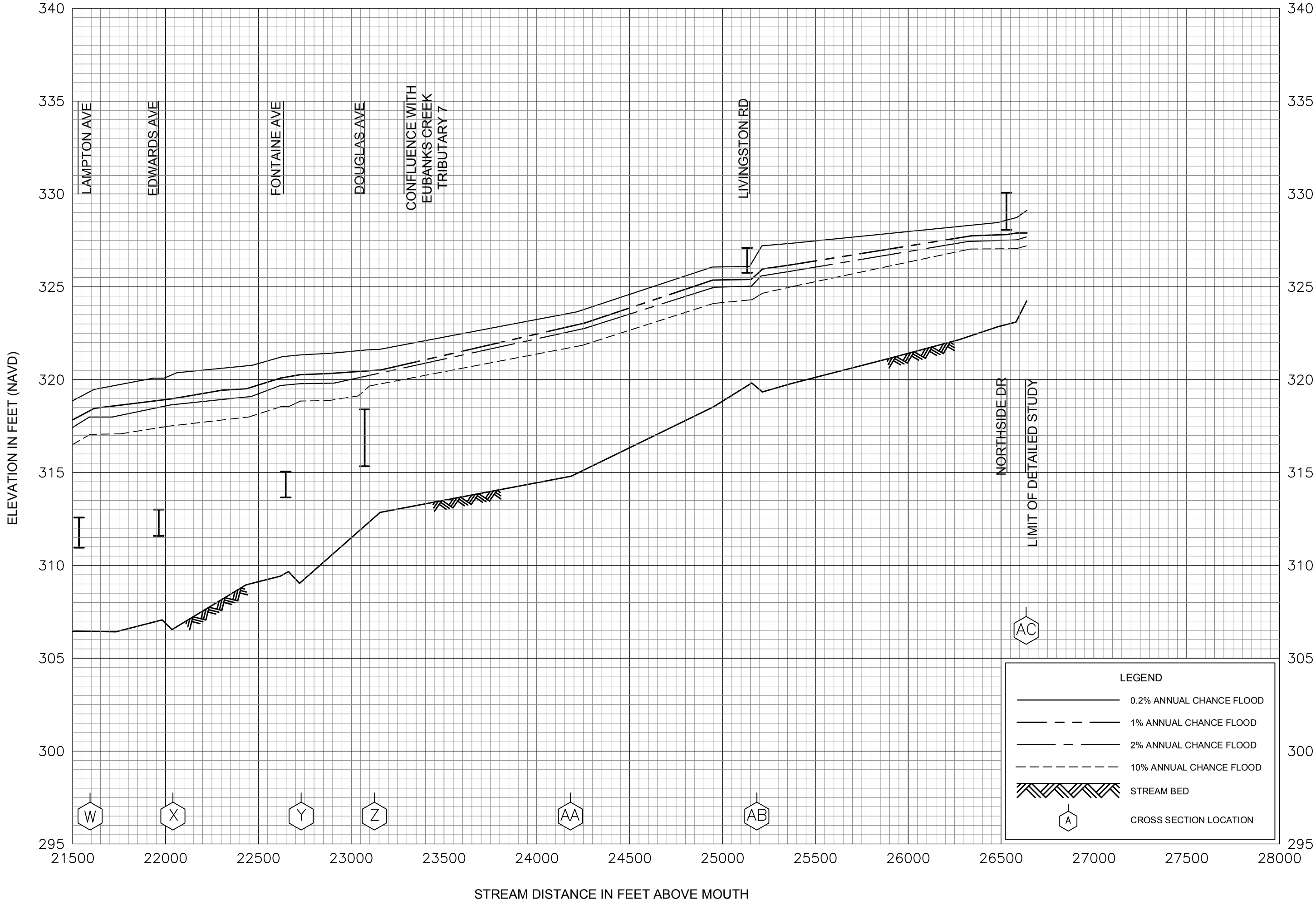
EUBANKS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

84P



FLOOD PROFILES

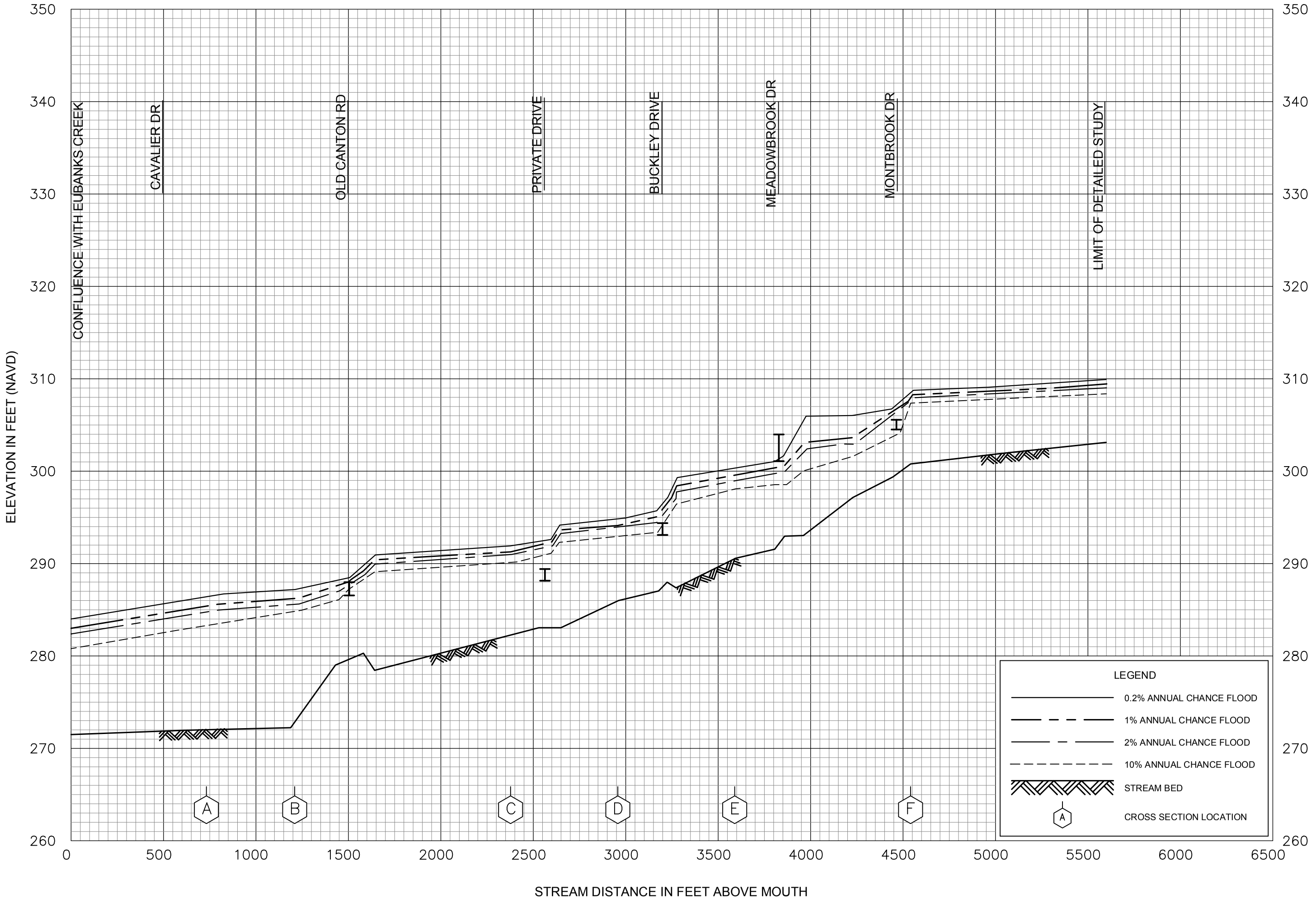
EUBANKS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

85P



FLOOD PROFILES

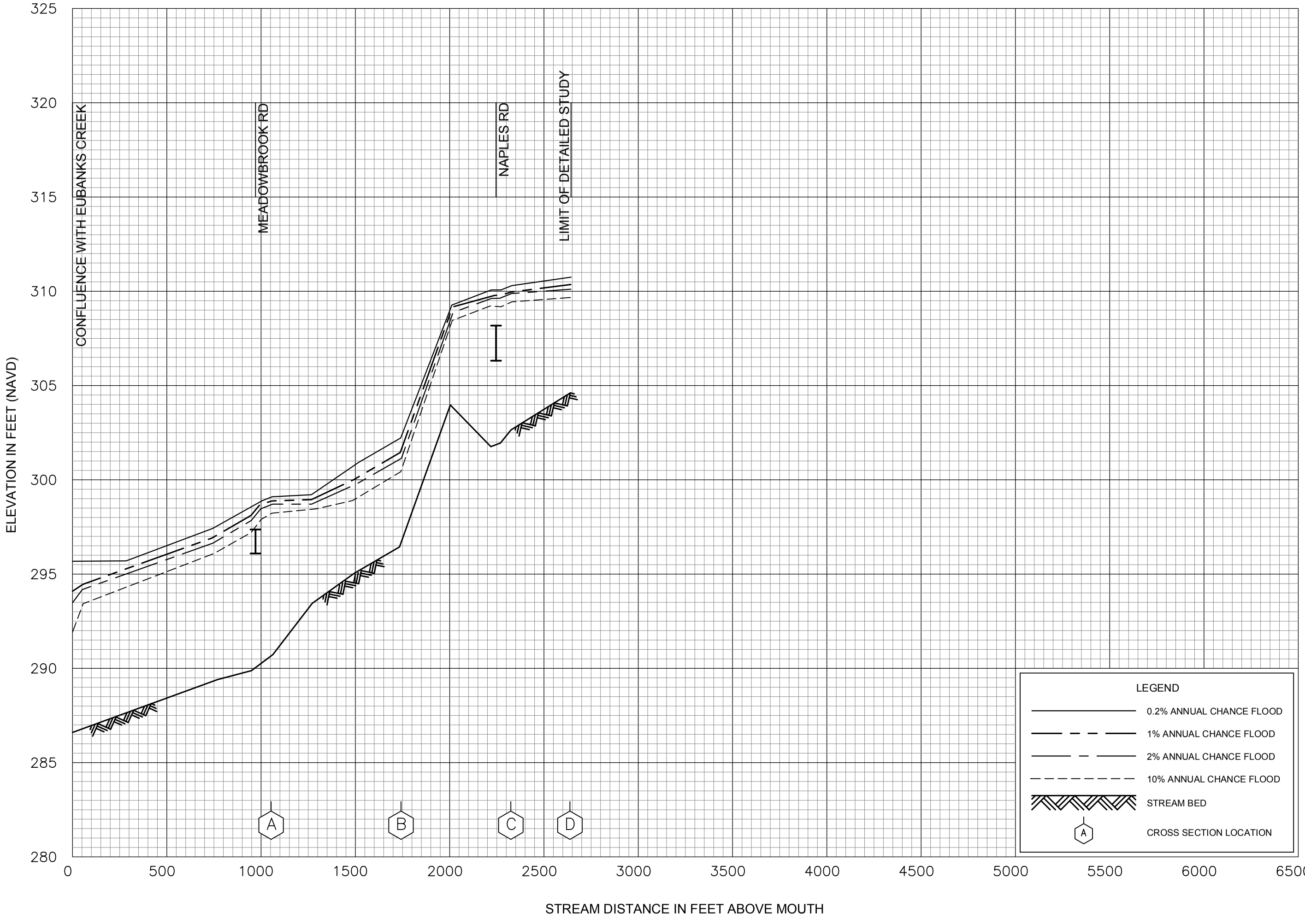
EUBANKS CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

86P



FLOOD PROFILES

EUBANKS CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

87P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM EUBANKS CREEK

CONFLUENCE WITH EUBANKS CREEK
MEADOWBROOK RD
NORTH MART PLAZA
NAPLES RD
MELBOURNE RD
NORTHSIDE DR
N STATE ST
CONFLUENCE WITH EUBANKS CREEK TRIBUTARY 6-1
RAILROAD
EL PASO ST
IRIS AVE
LIMIT OF DETAIL STUDY

ELEVATION IN FEET (NAVD)

325
320
315
310
305
300
295
290
285
280

0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C
D
E
F
G
H
I

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

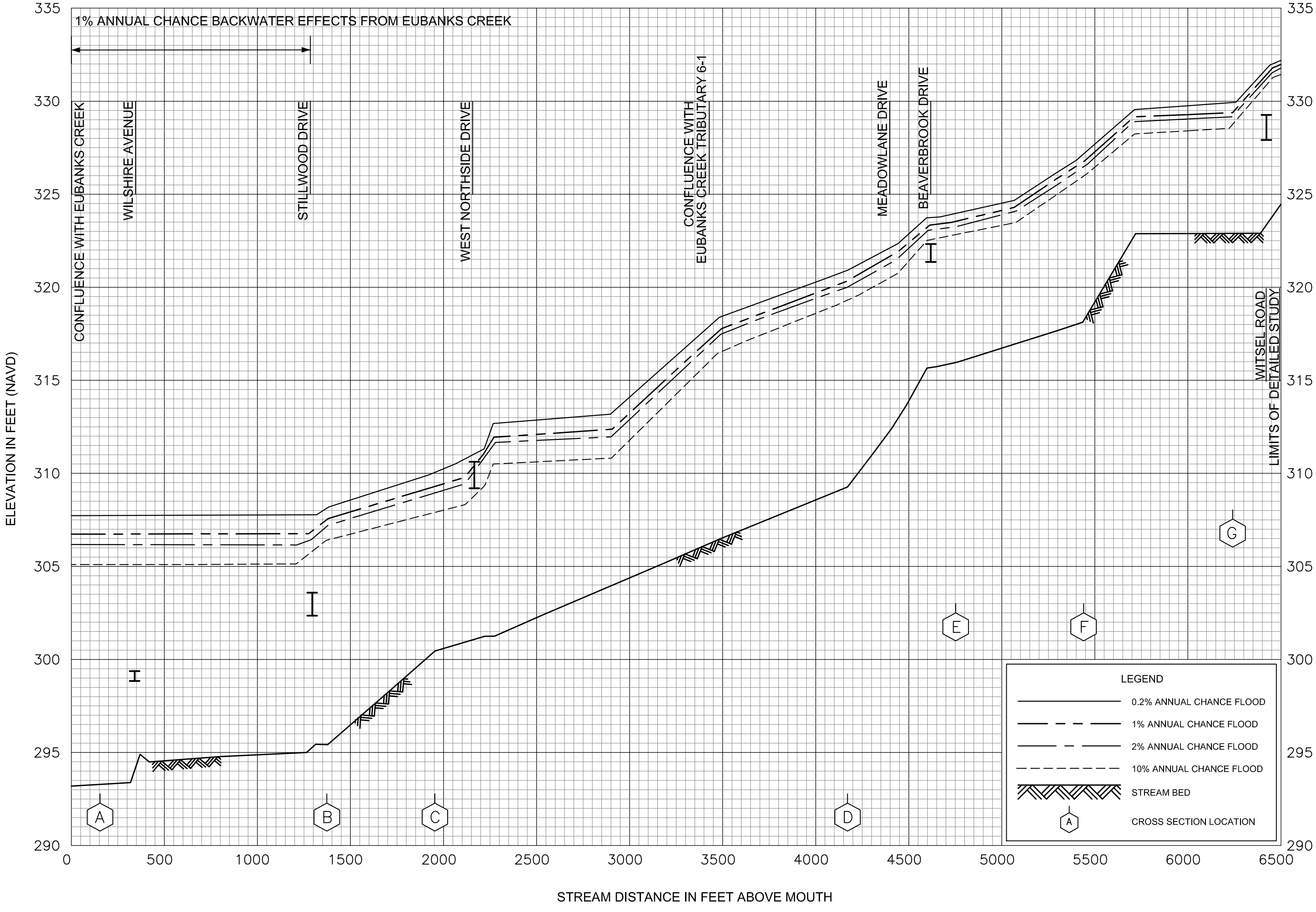
FLOOD PROFILES

EUBANKS CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

88P



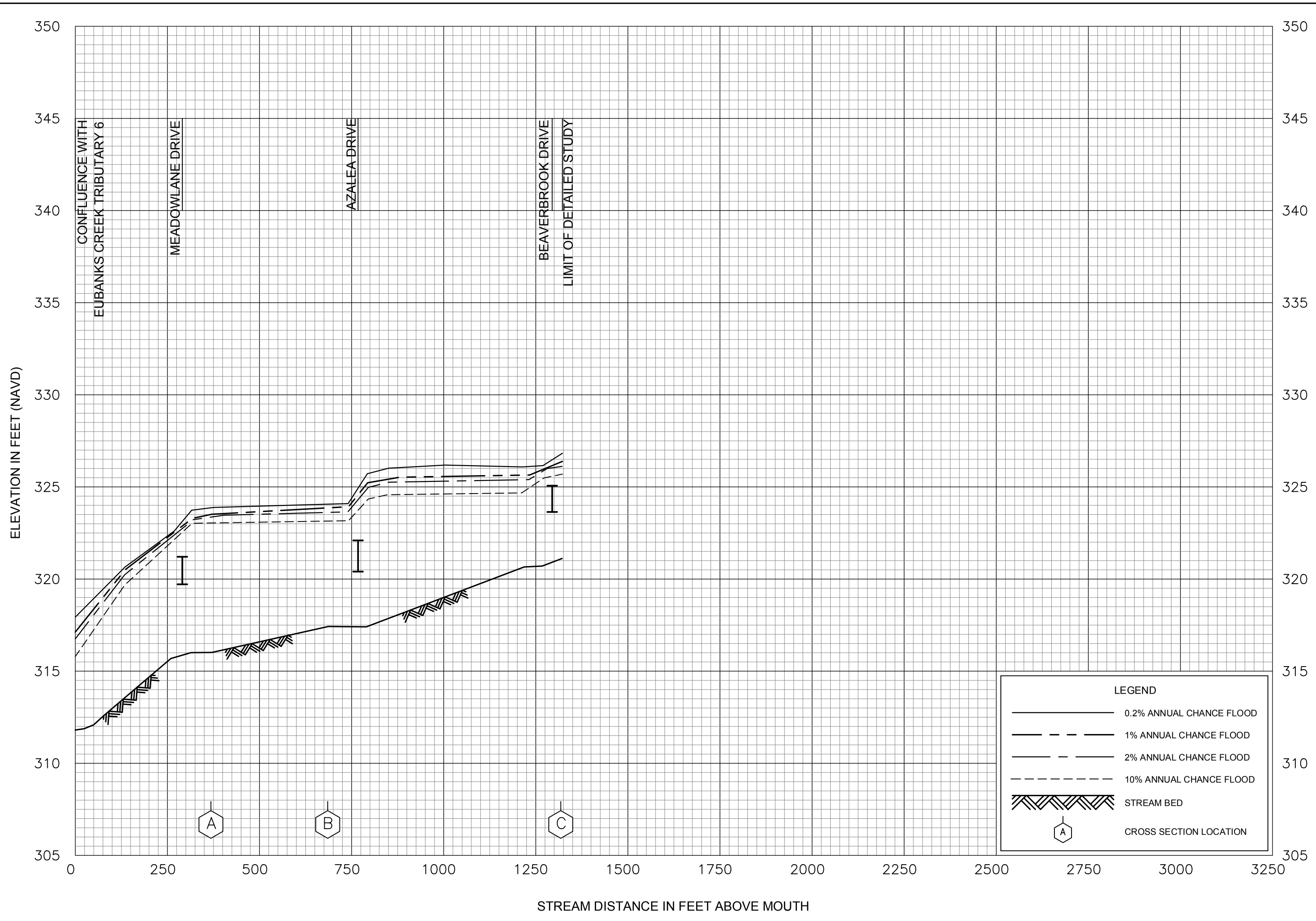
FLOOD PROFILES

EUBANKS CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

89P



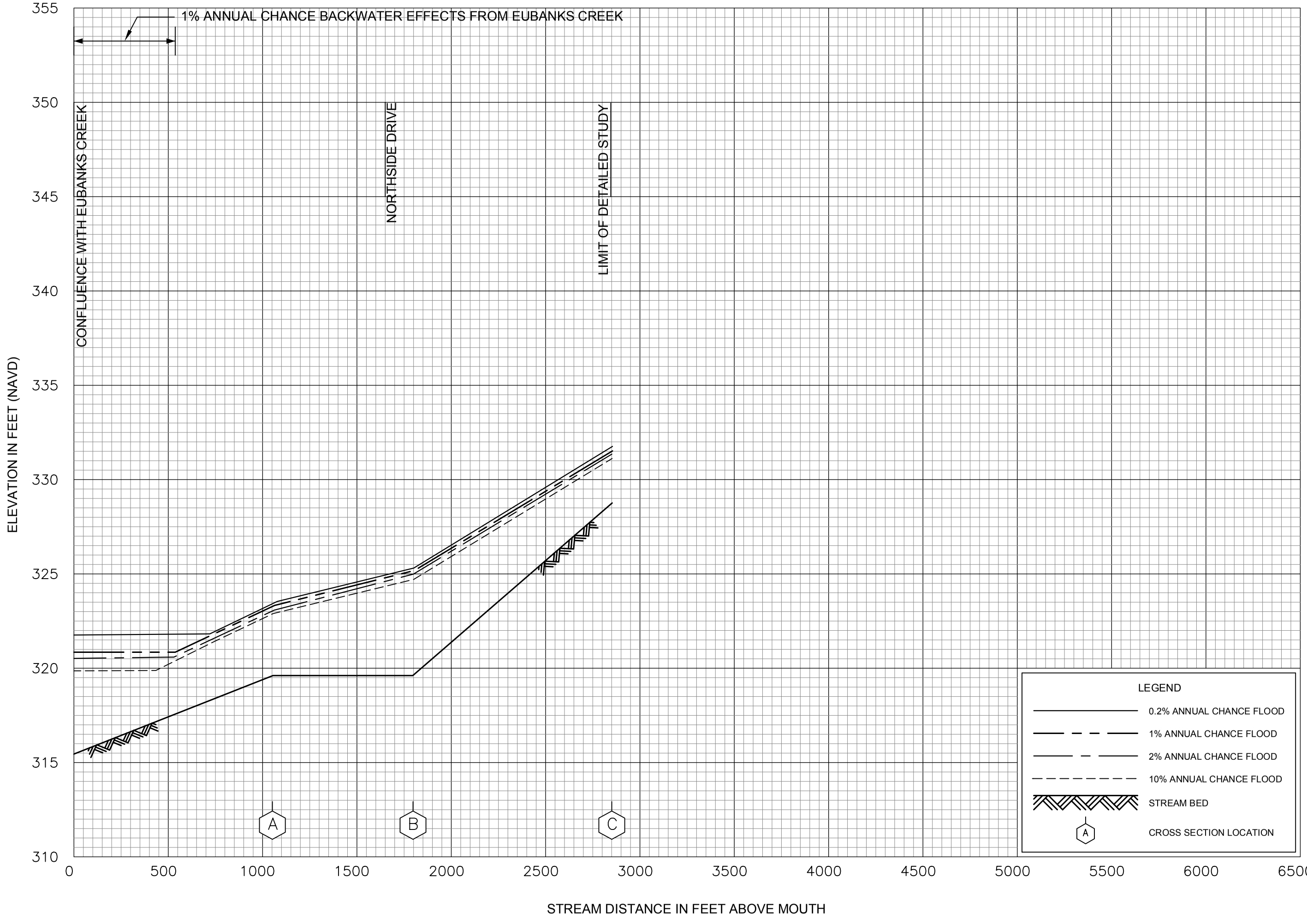
FLOOD PROFILES

EUBANKS CREEK TRIBUTARY 6-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

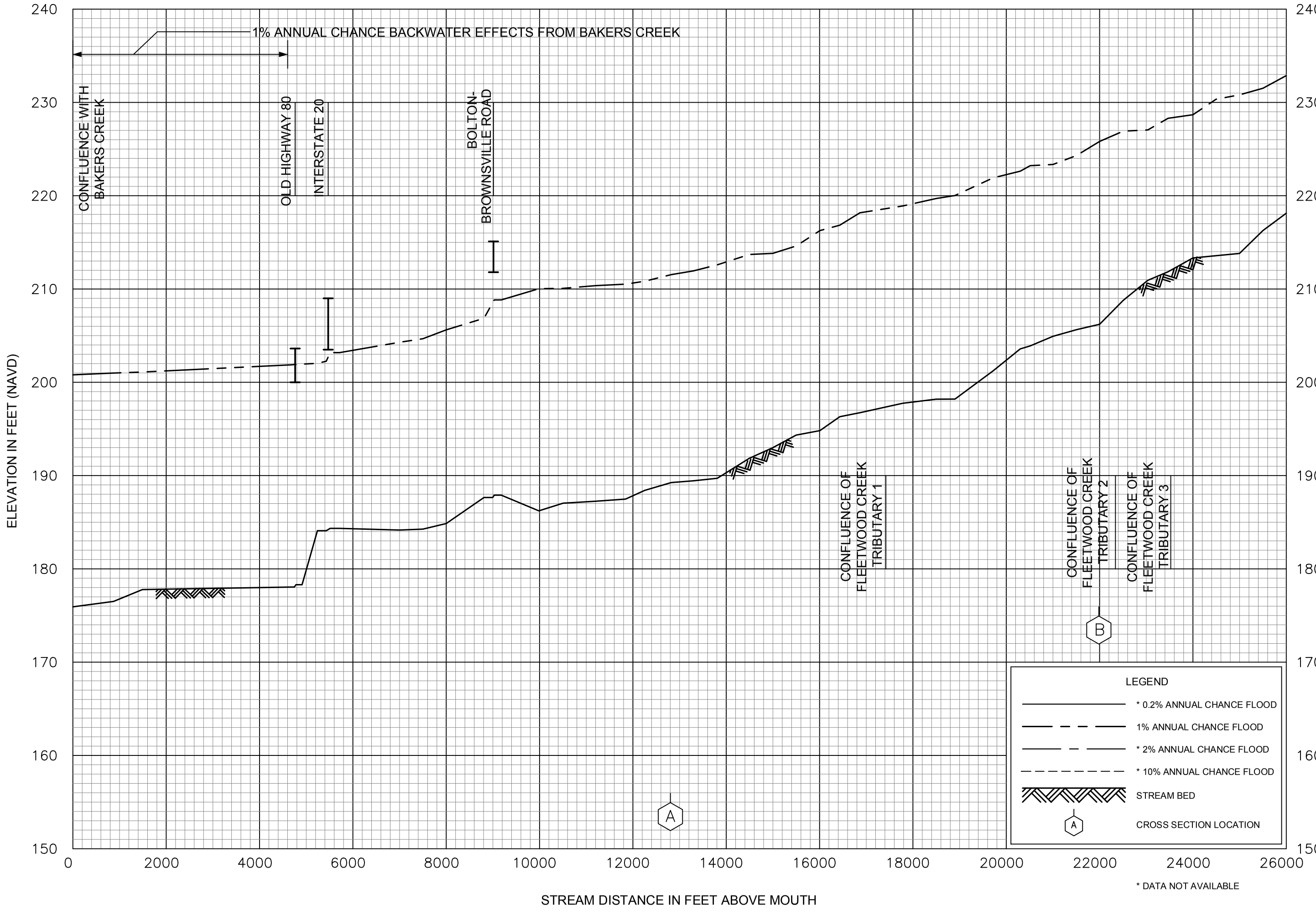


FLOOD PROFILES

EUBANKS CREEK TRIBUTARY 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



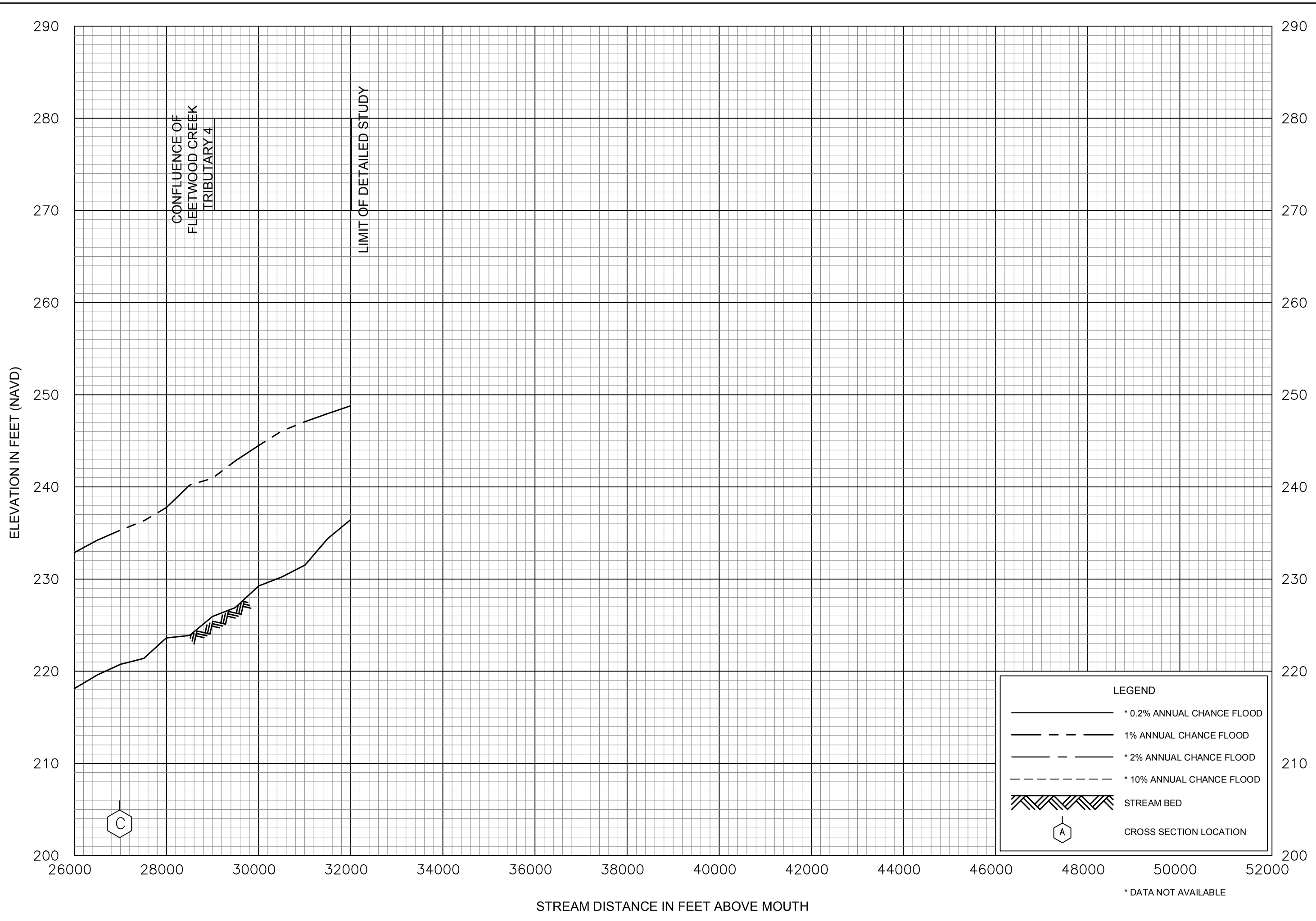
FLOOD PROFILES

FLEETWOOD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

92P



FLOOD PROFILES

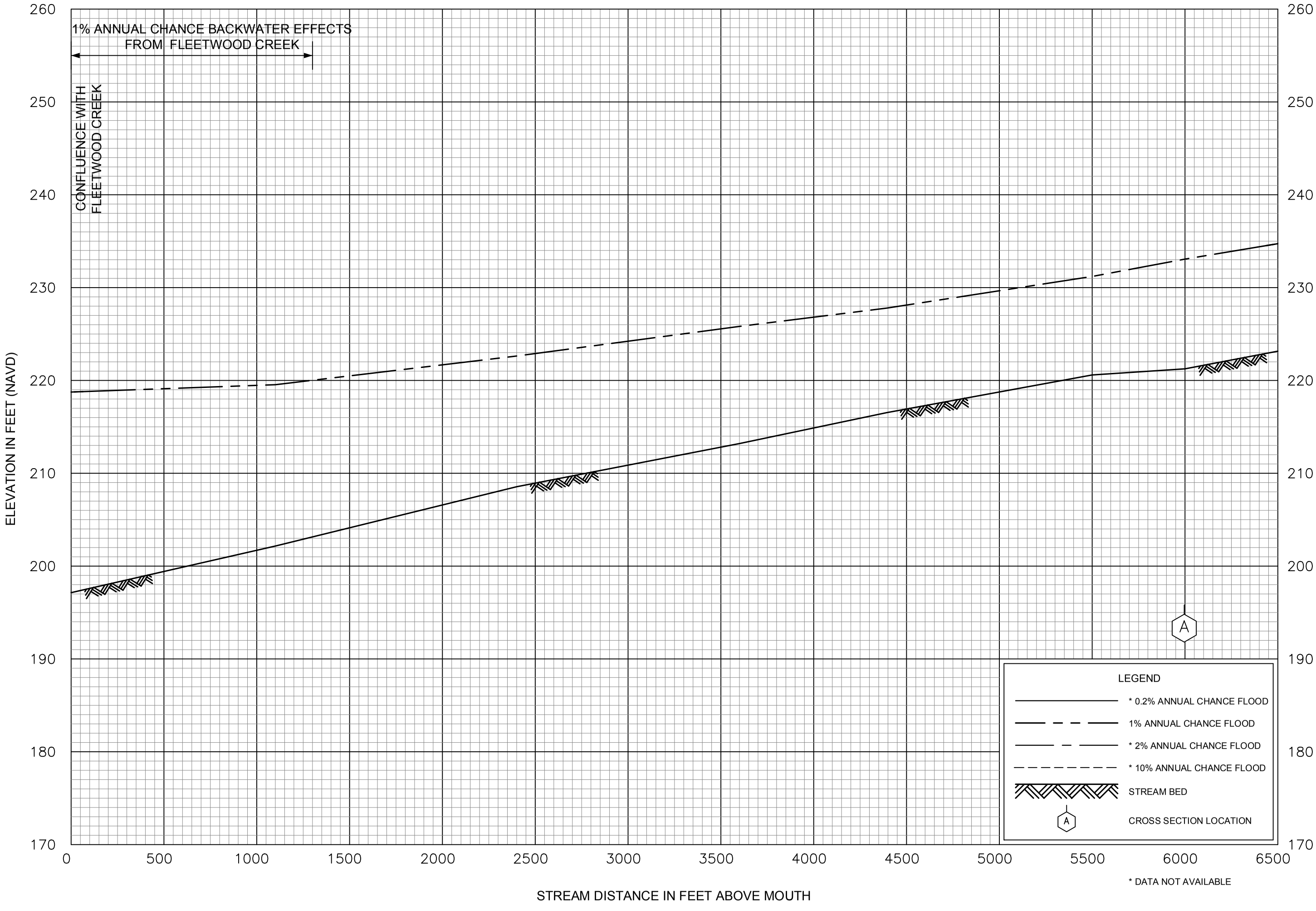
FLEETWOOD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

93P



FLOOD PROFILES

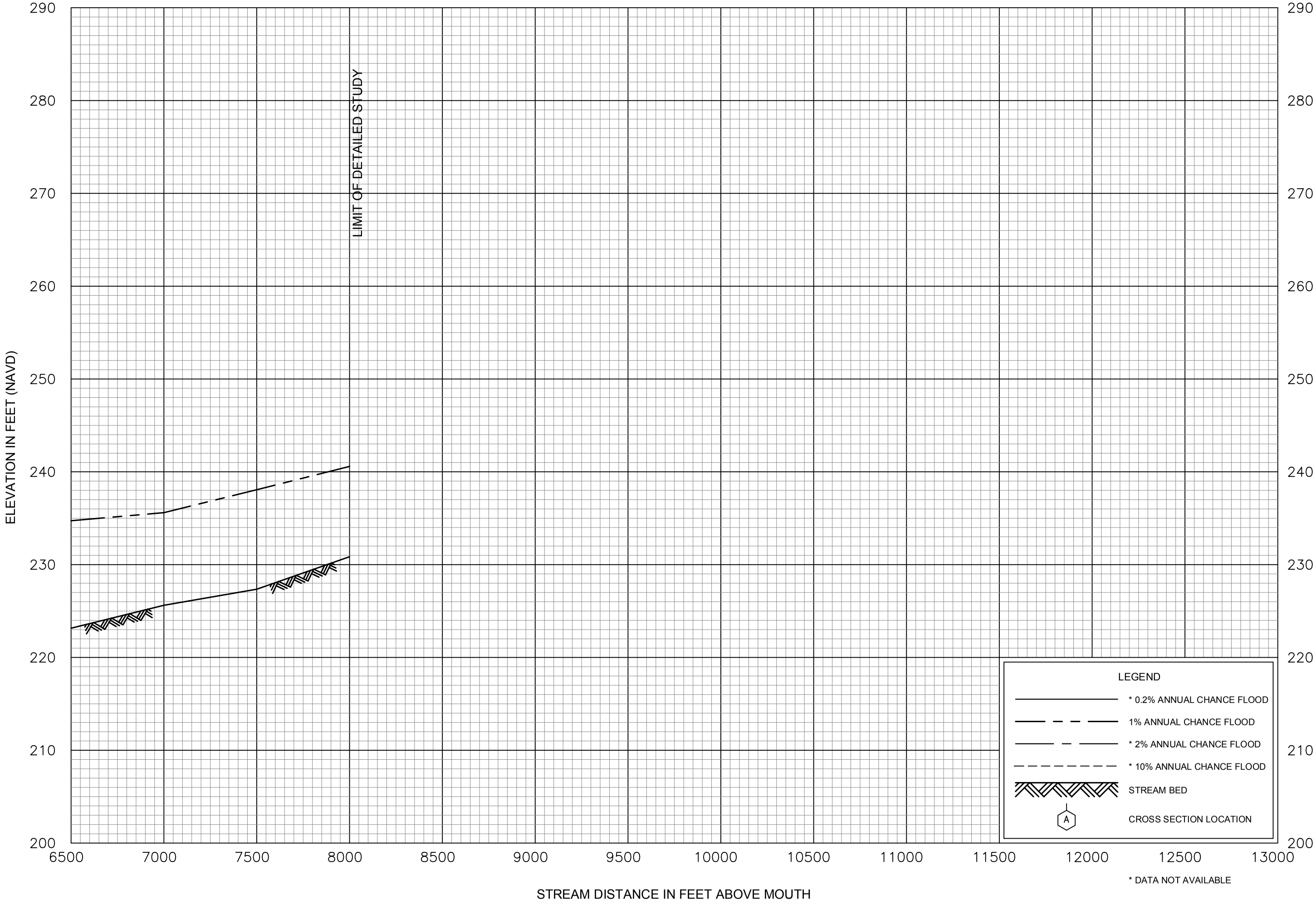
FLEETWOOD CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

94P

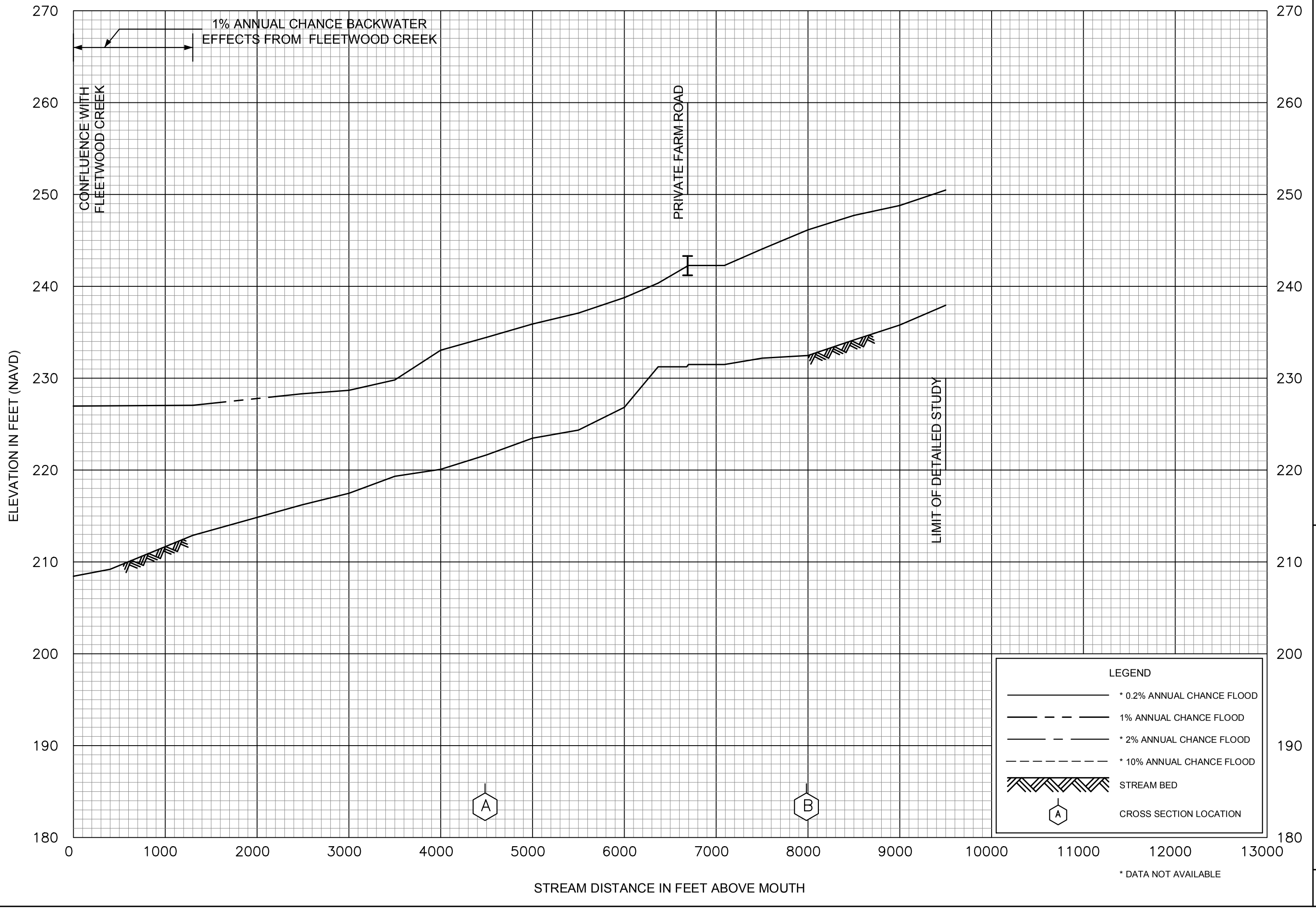


FLOOD PROFILES

FLEETWOOD CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



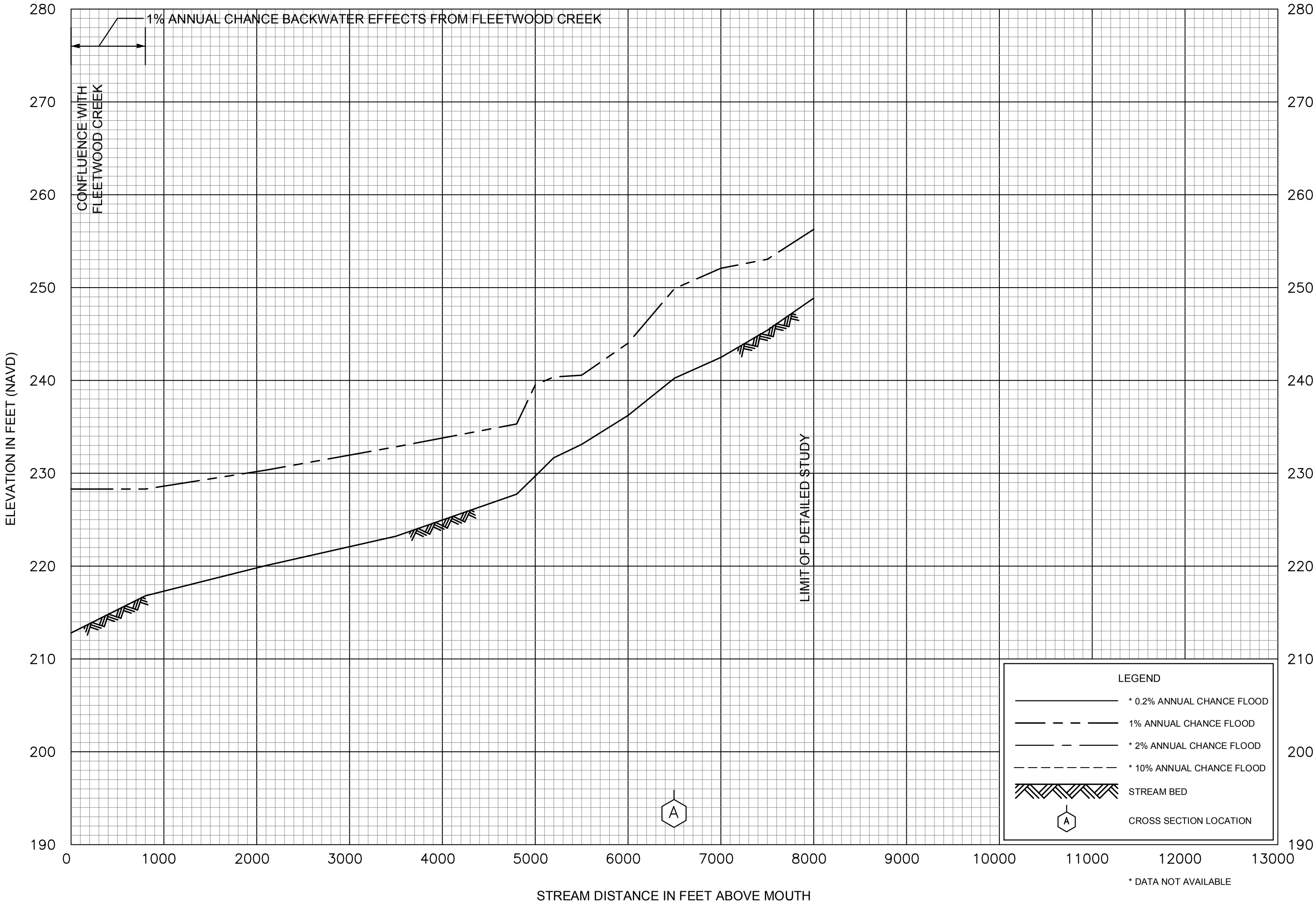
FLOOD PROFILES

FLEETWOOD CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

96P



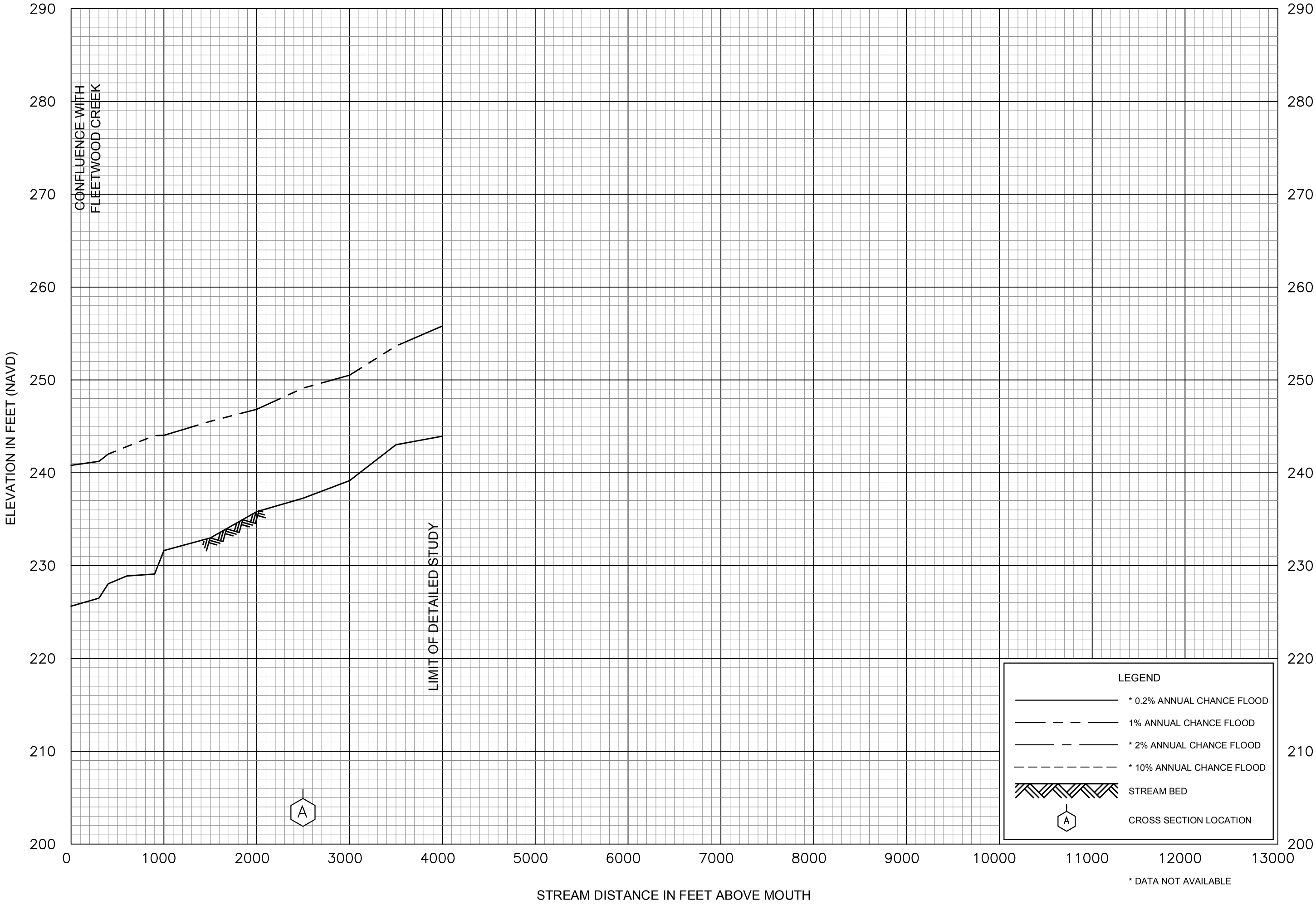
FLOOD PROFILES

FLEETWOOD CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

97P



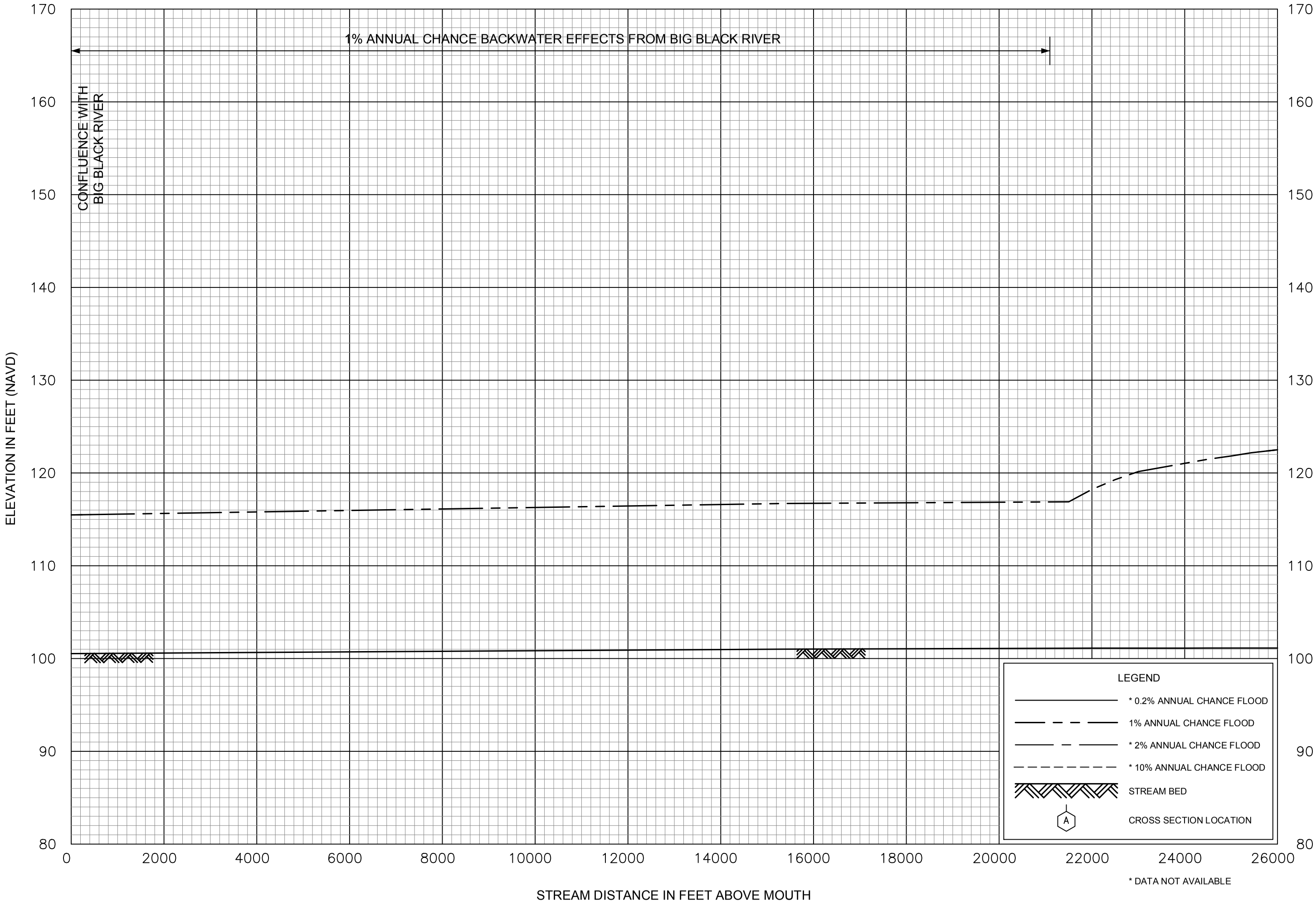
FLOOD PROFILES

FLEETWOOD CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



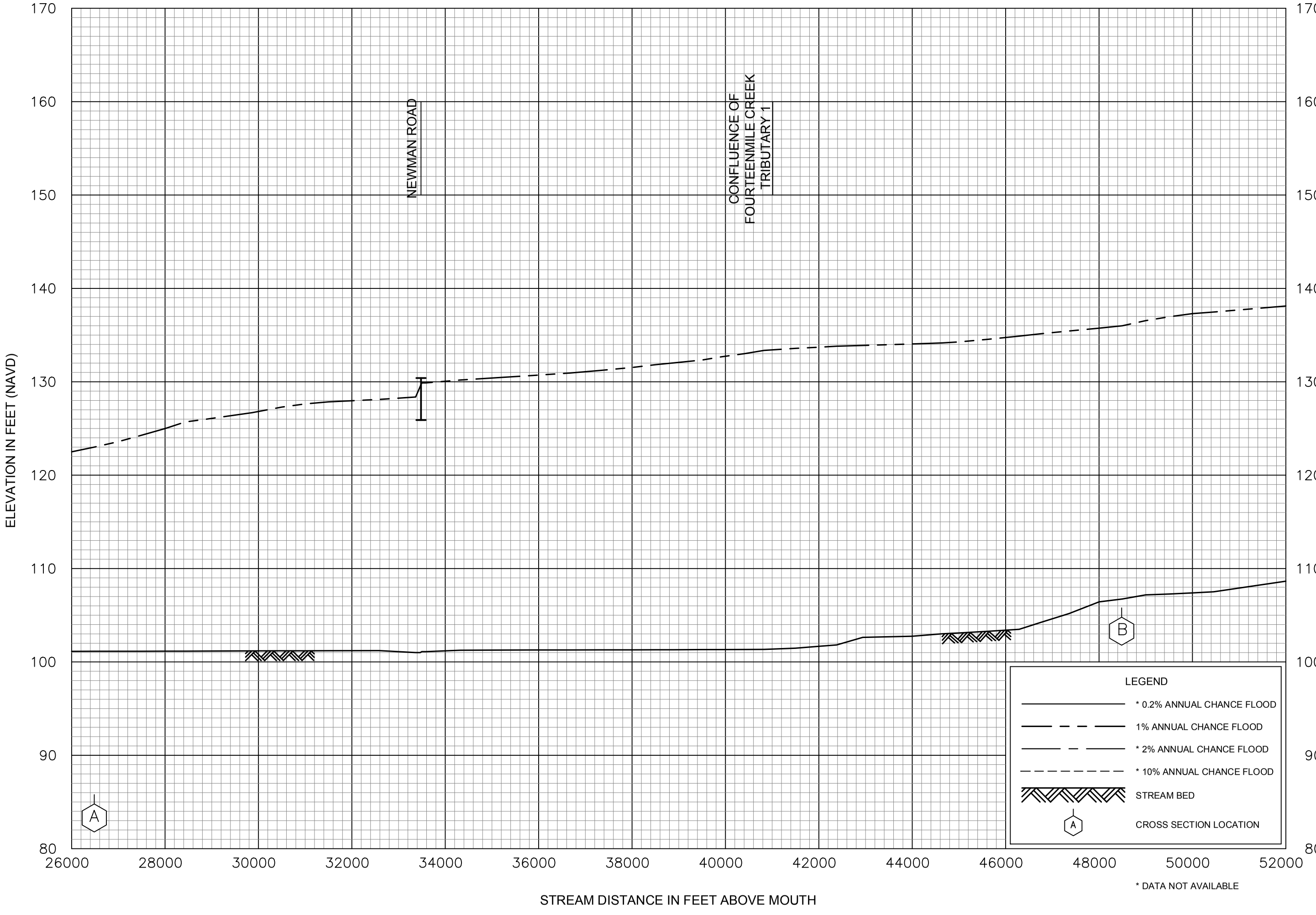
FLOOD PROFILES

FOURTEENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

99P



FLOOD PROFILES

FOURTEENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

100P

ELEVATION IN FEET (NAVD)

170
160
150
140
130
120
110
100
90
80

MIDDLE ROAD

CONFLUENCE OF BAKERS CREEK

CONFLUENCE OF TWELVEMILE CREEK

C

LEGEND

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

* DATA NOT AVAILABLE

52000 54000 56000 58000 60000 62000 64000 66000 68000 70000 72000 74000 76000 78000

STREAM DISTANCE IN FEET ABOVE MOUTH

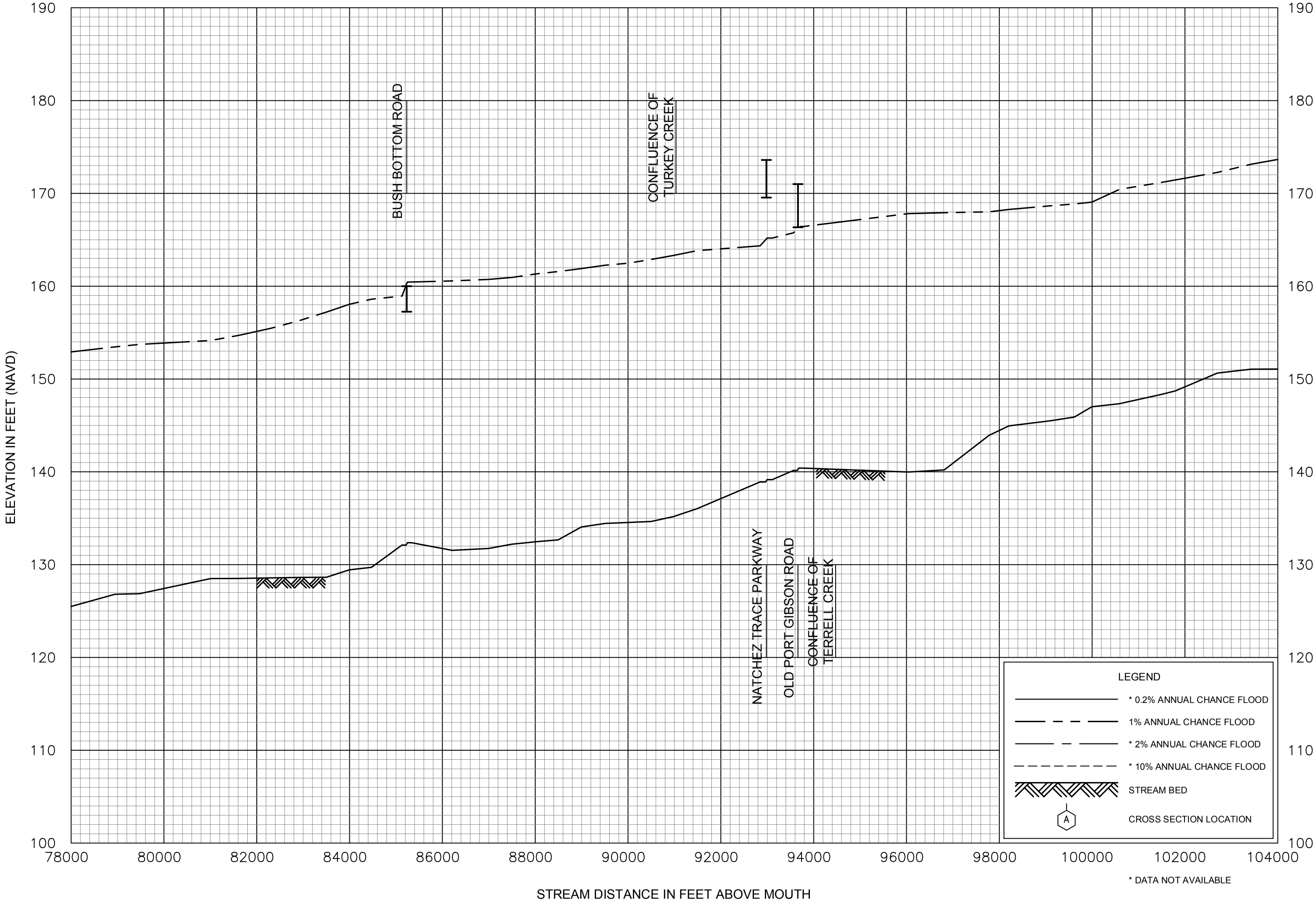
FLOOD PROFILES

FOURTEENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

101P



FLOOD PROFILES

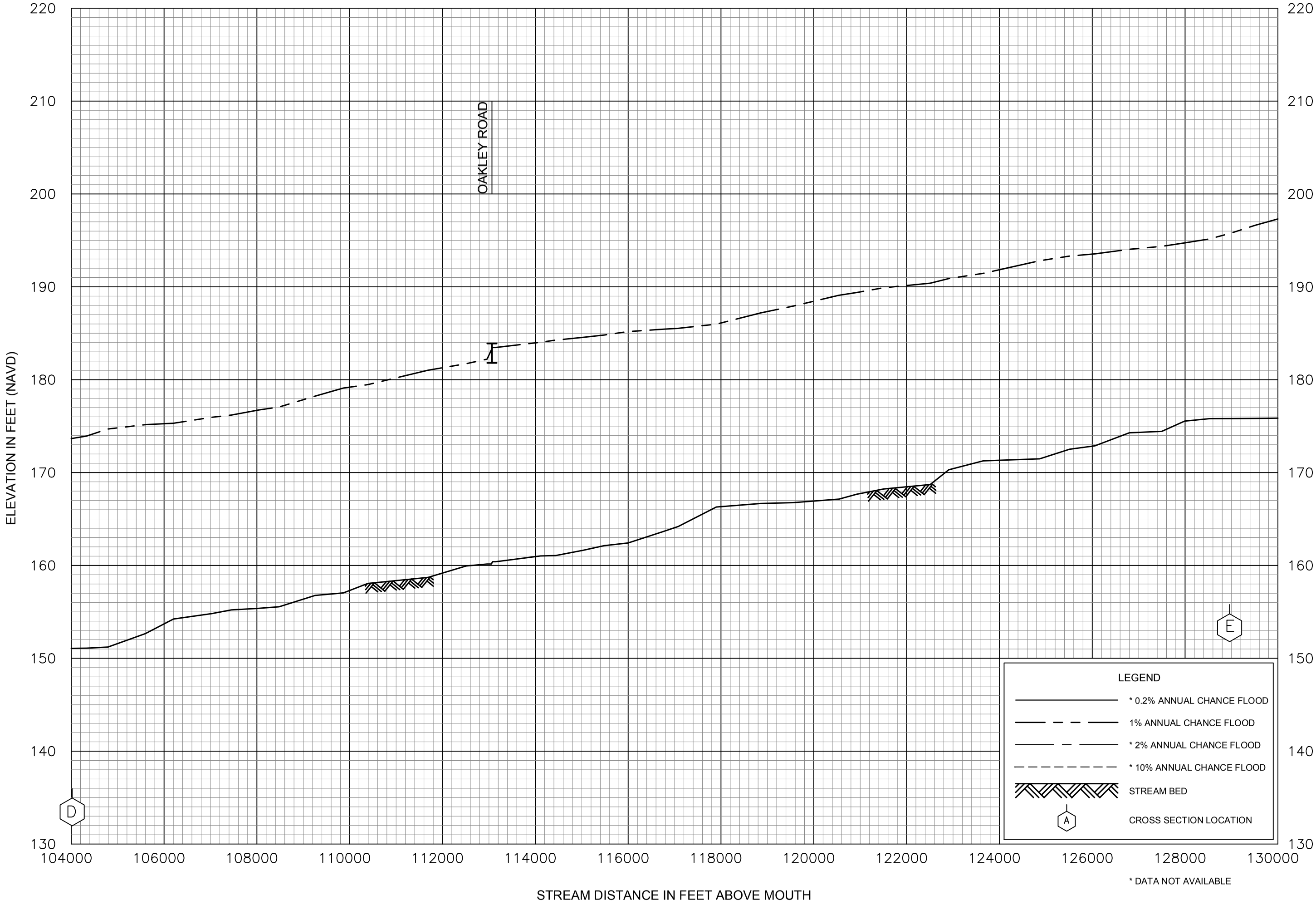
FOURTEENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

102P



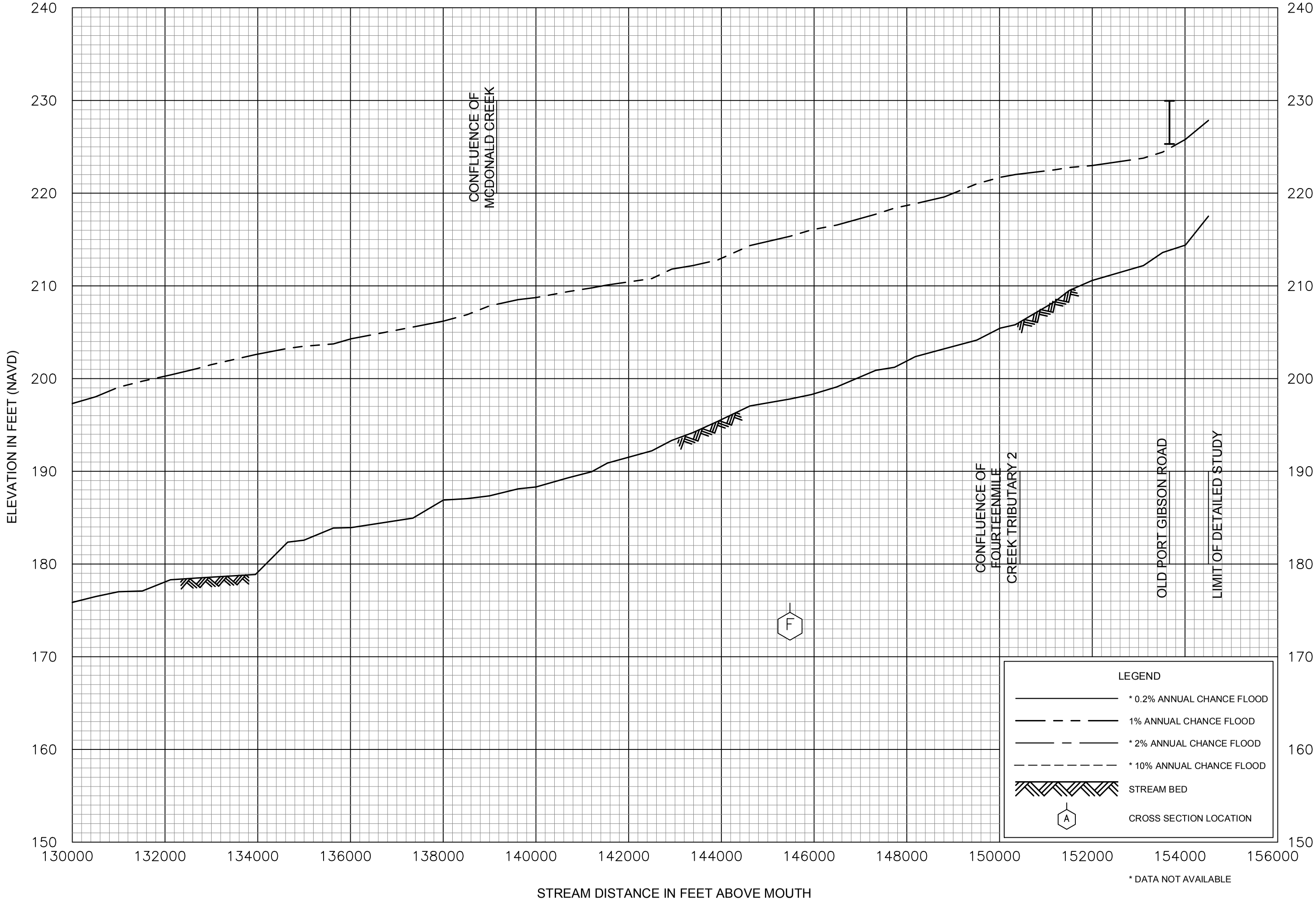
FLOOD PROFILES

FOURTEENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

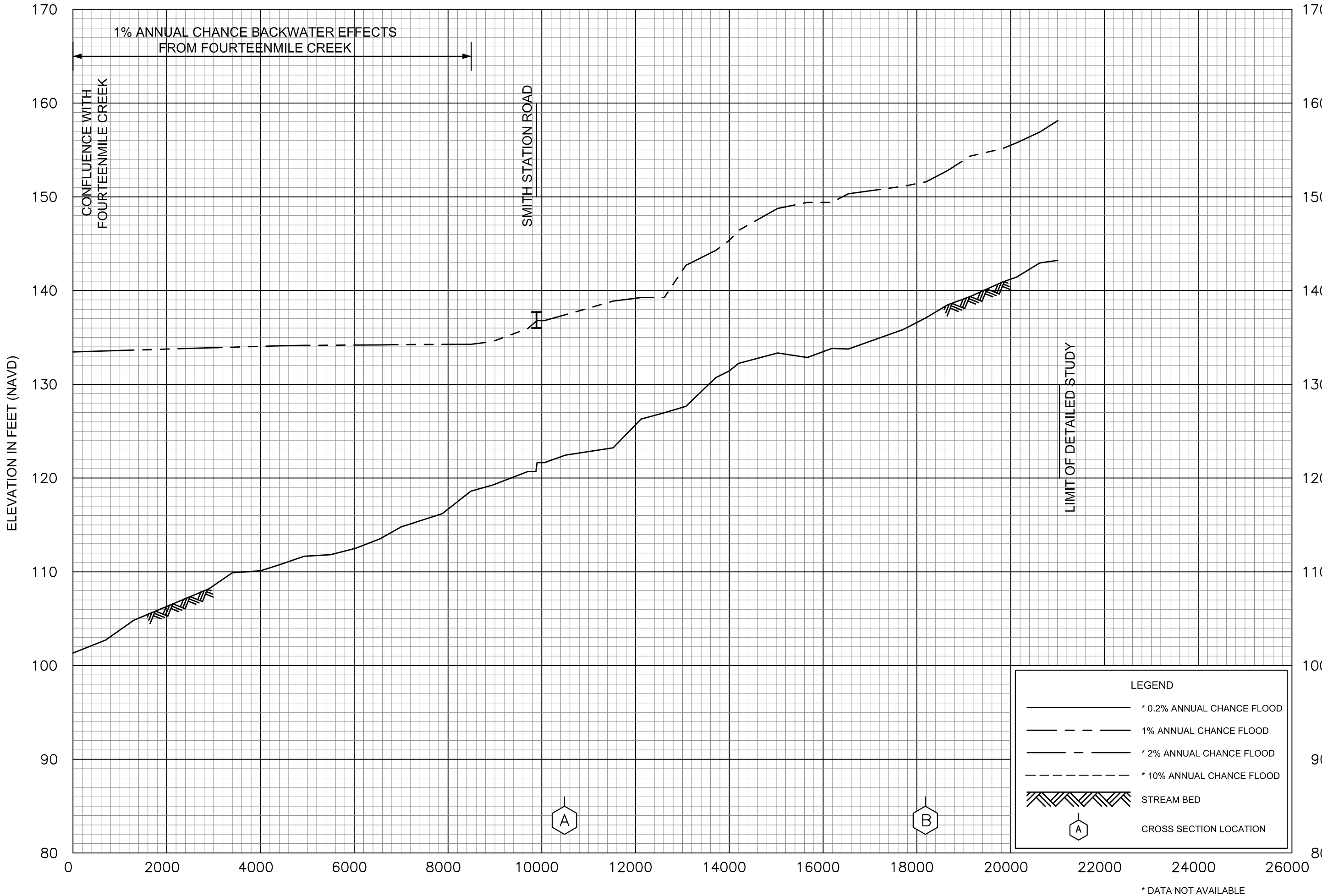


FLOOD PROFILES

FOURTEENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

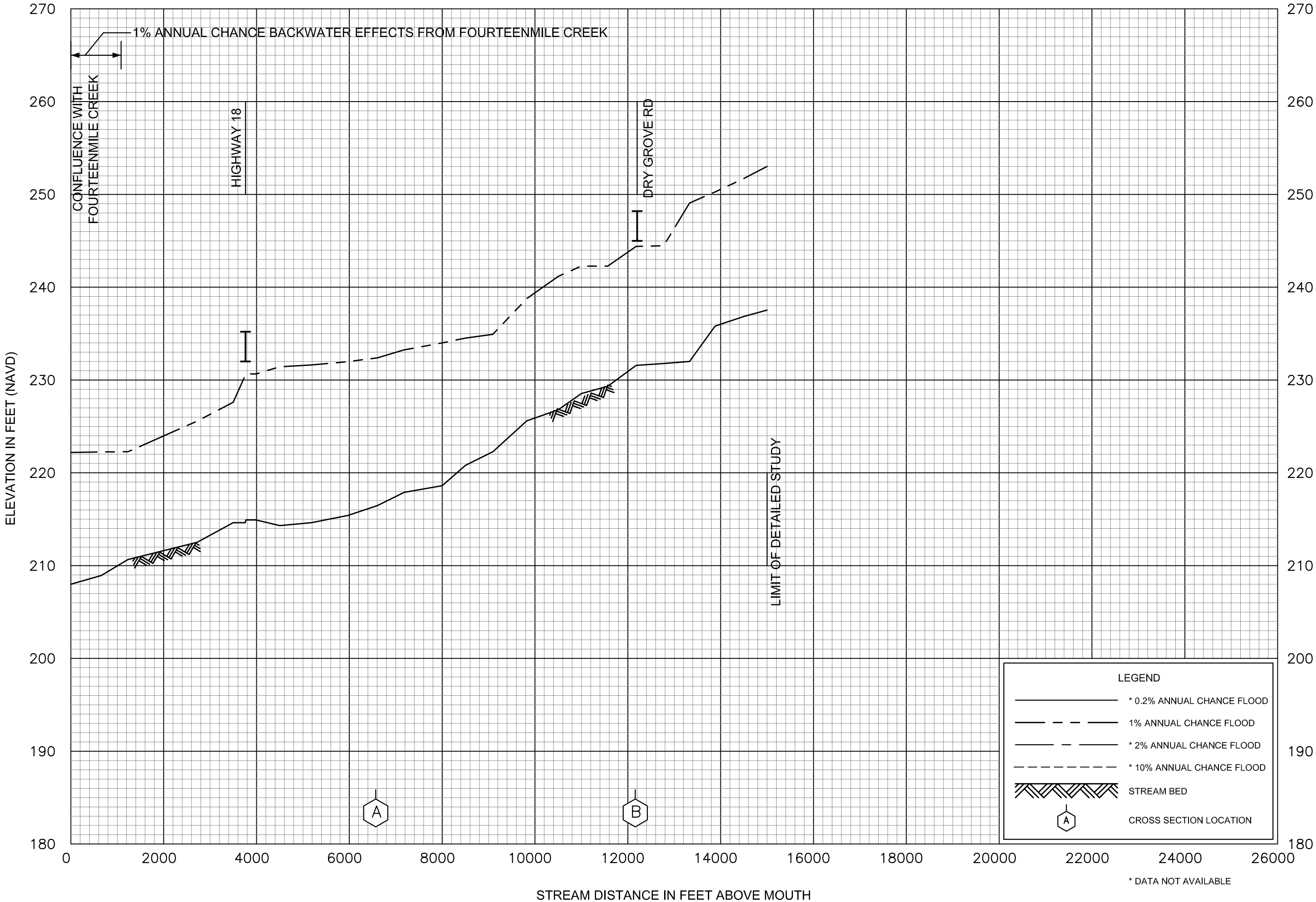
FOURTEENMILE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

105P



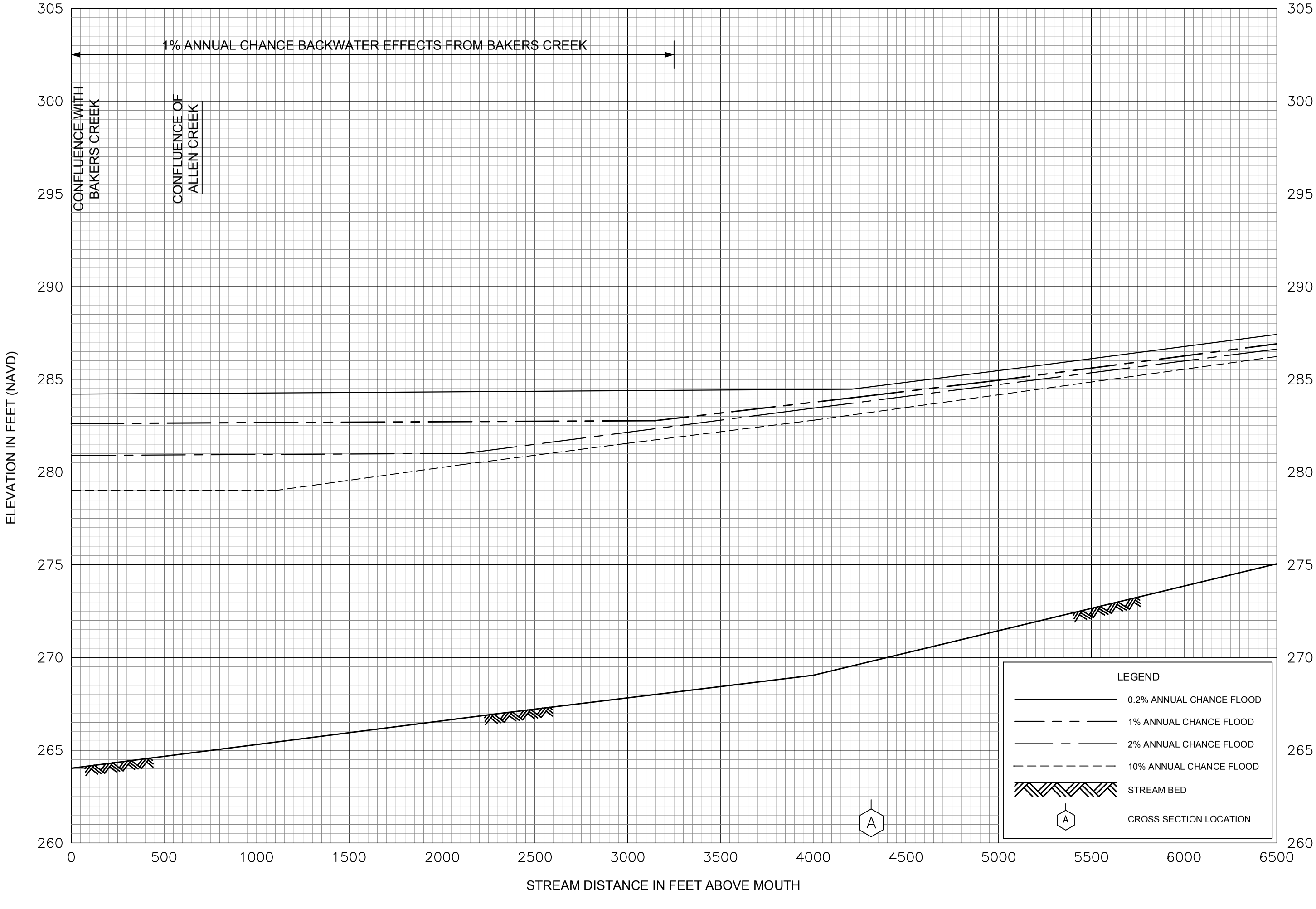
FLOOD PROFILES

FOURTEENMILE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

106P



FLOOD PROFILES

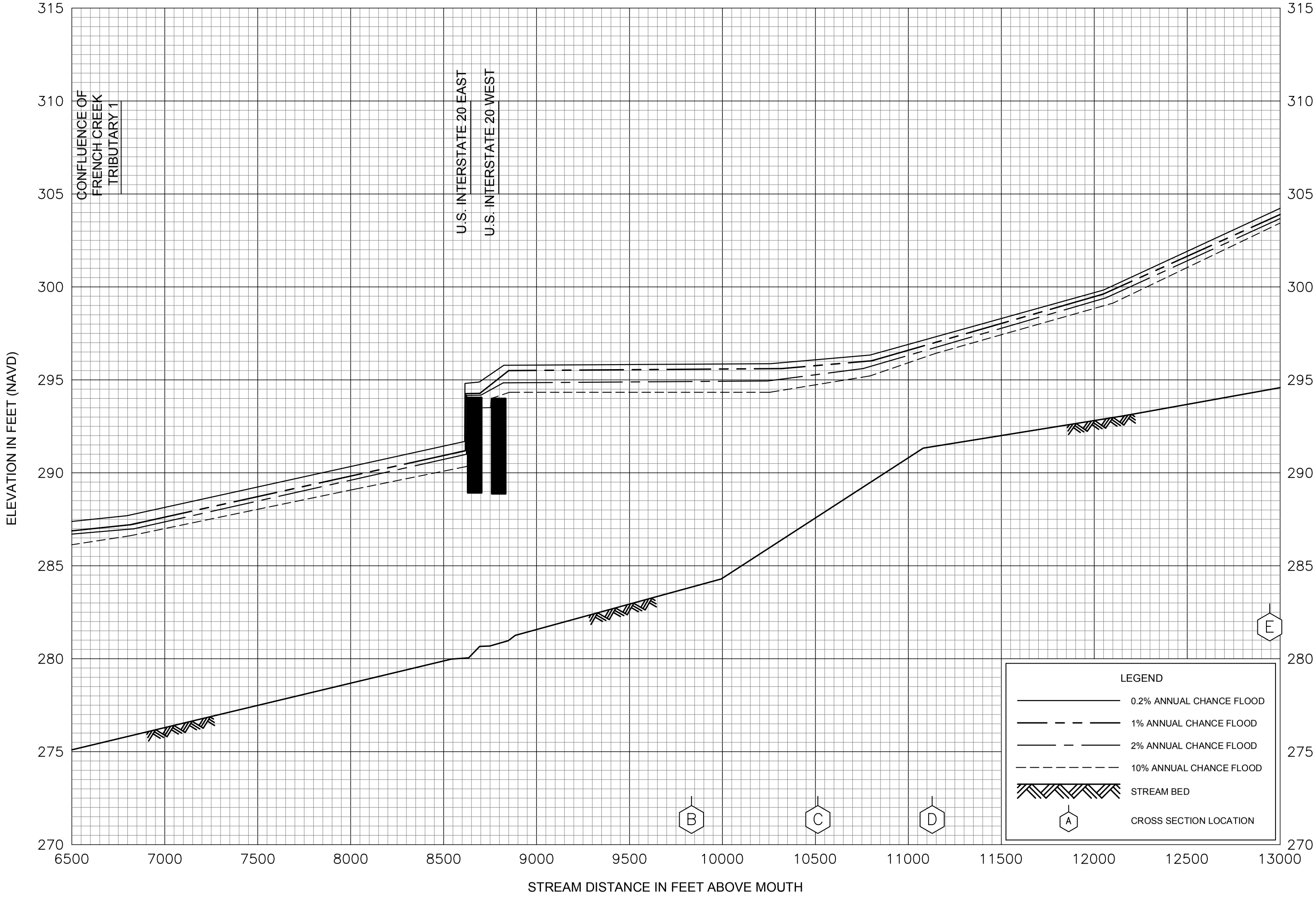
FRENCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

107P



FLOOD PROFILES

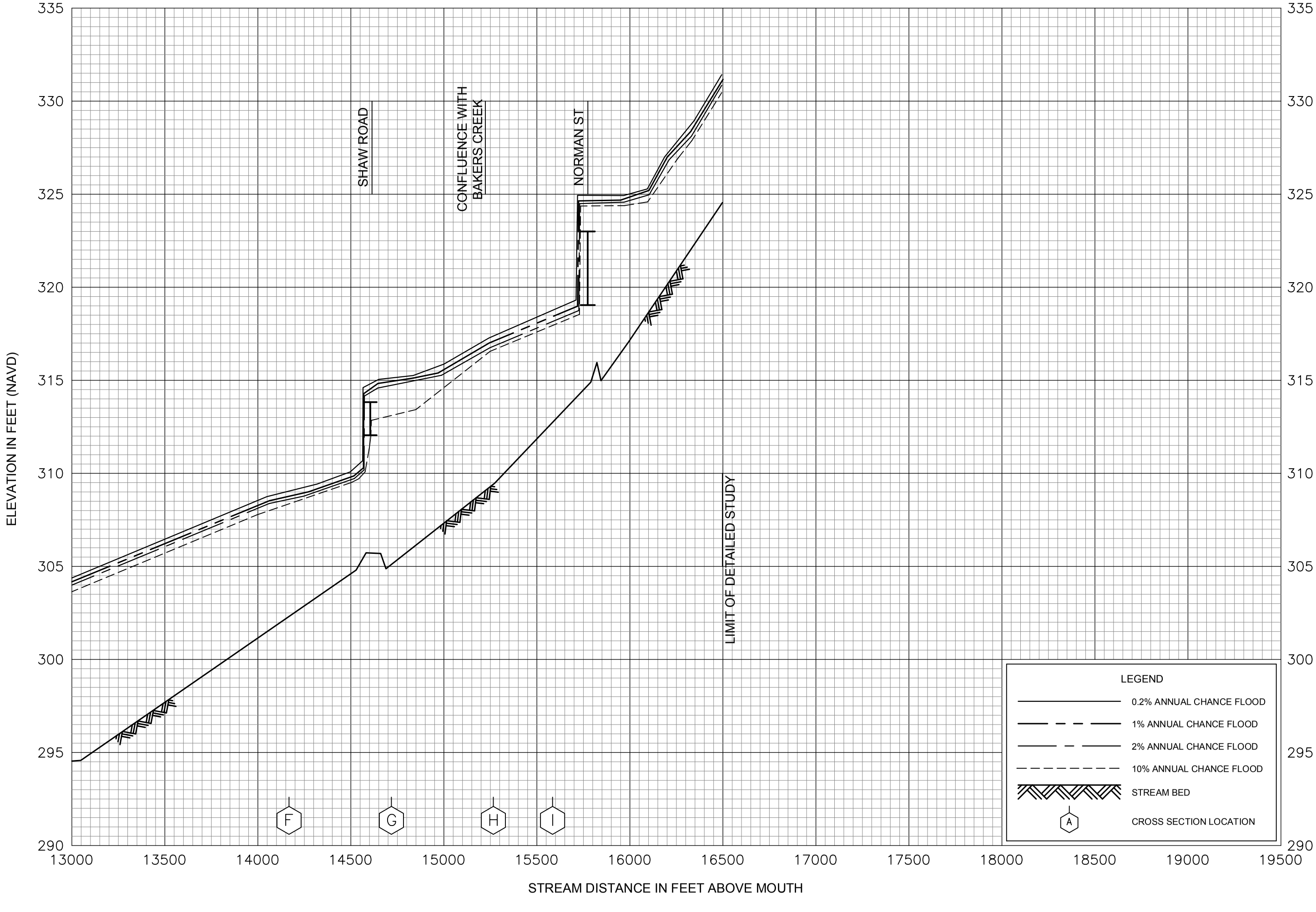
FRENCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

108P



FLOOD PROFILES

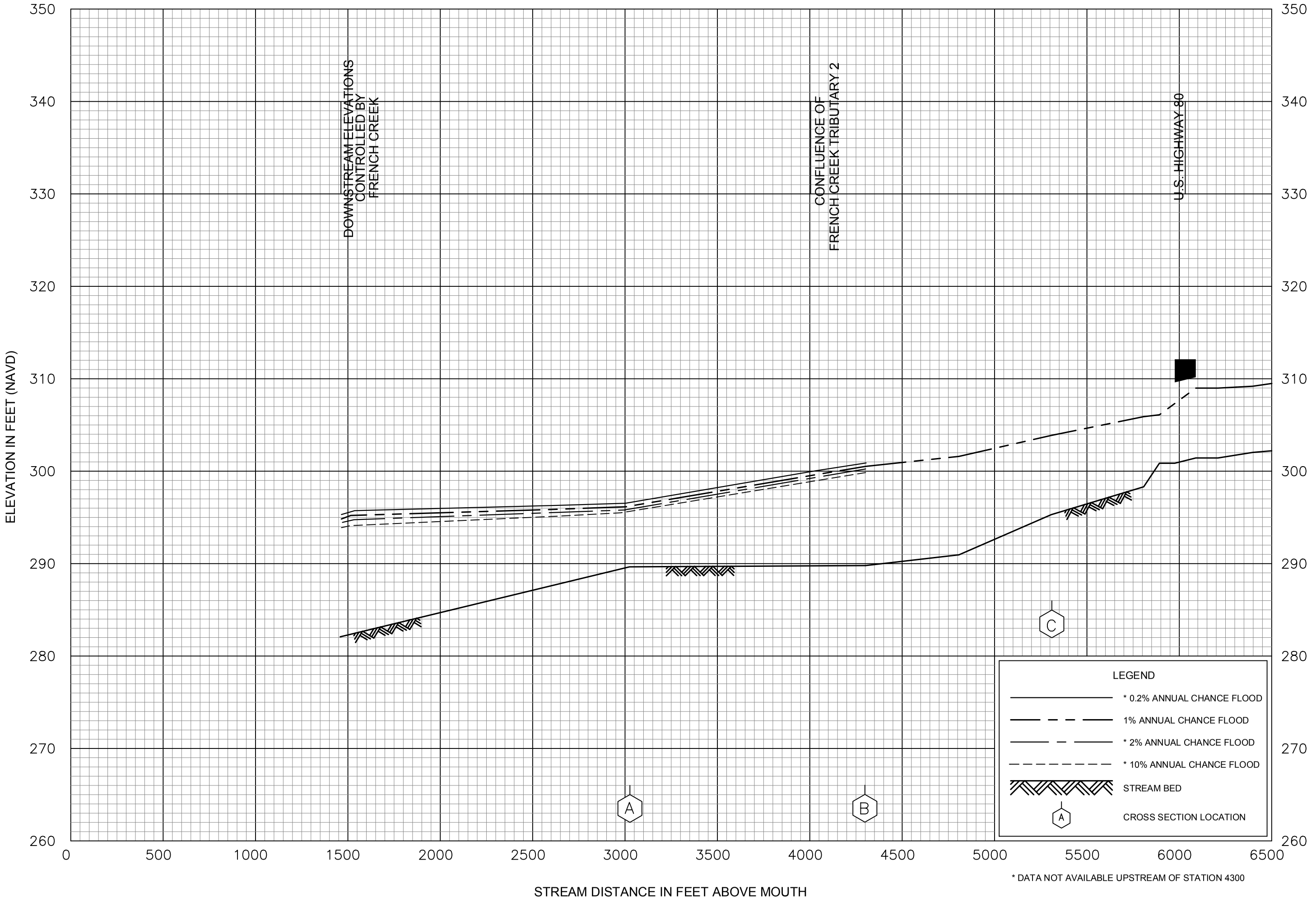
FRENCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

109P



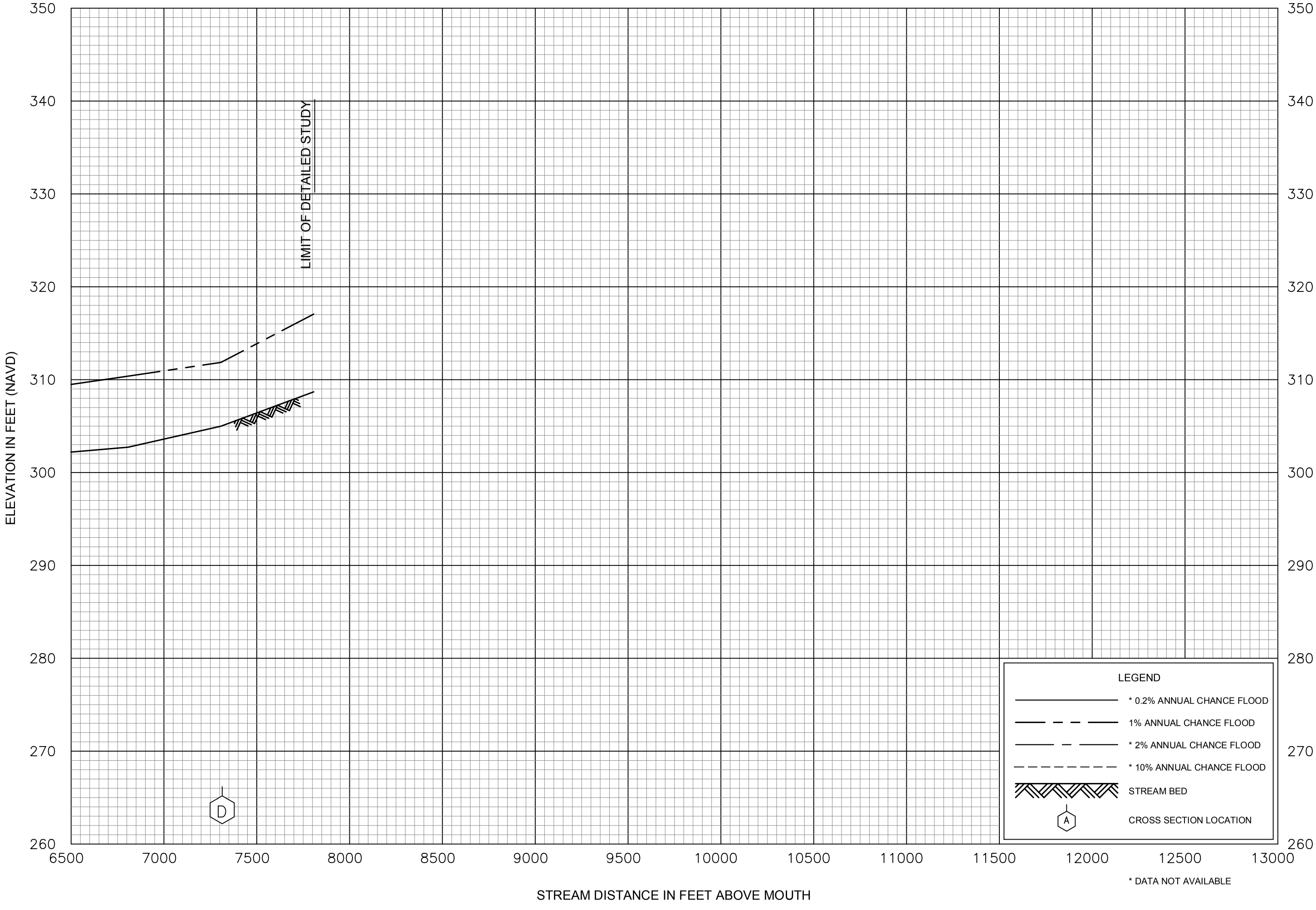
FLOOD PROFILES

FRENCH CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

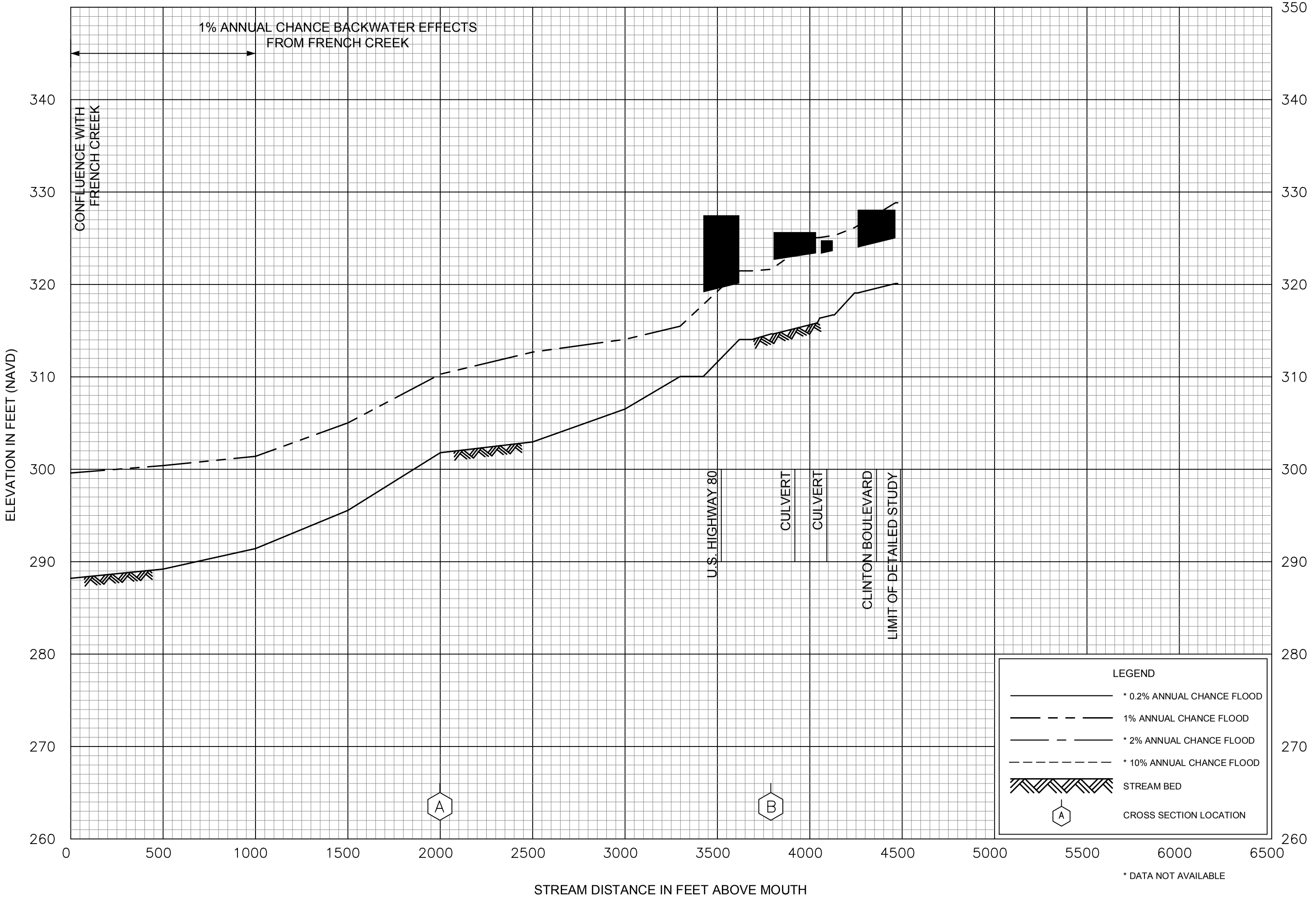
FRENCH CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

111P



* DATA NOT AVAILABLE

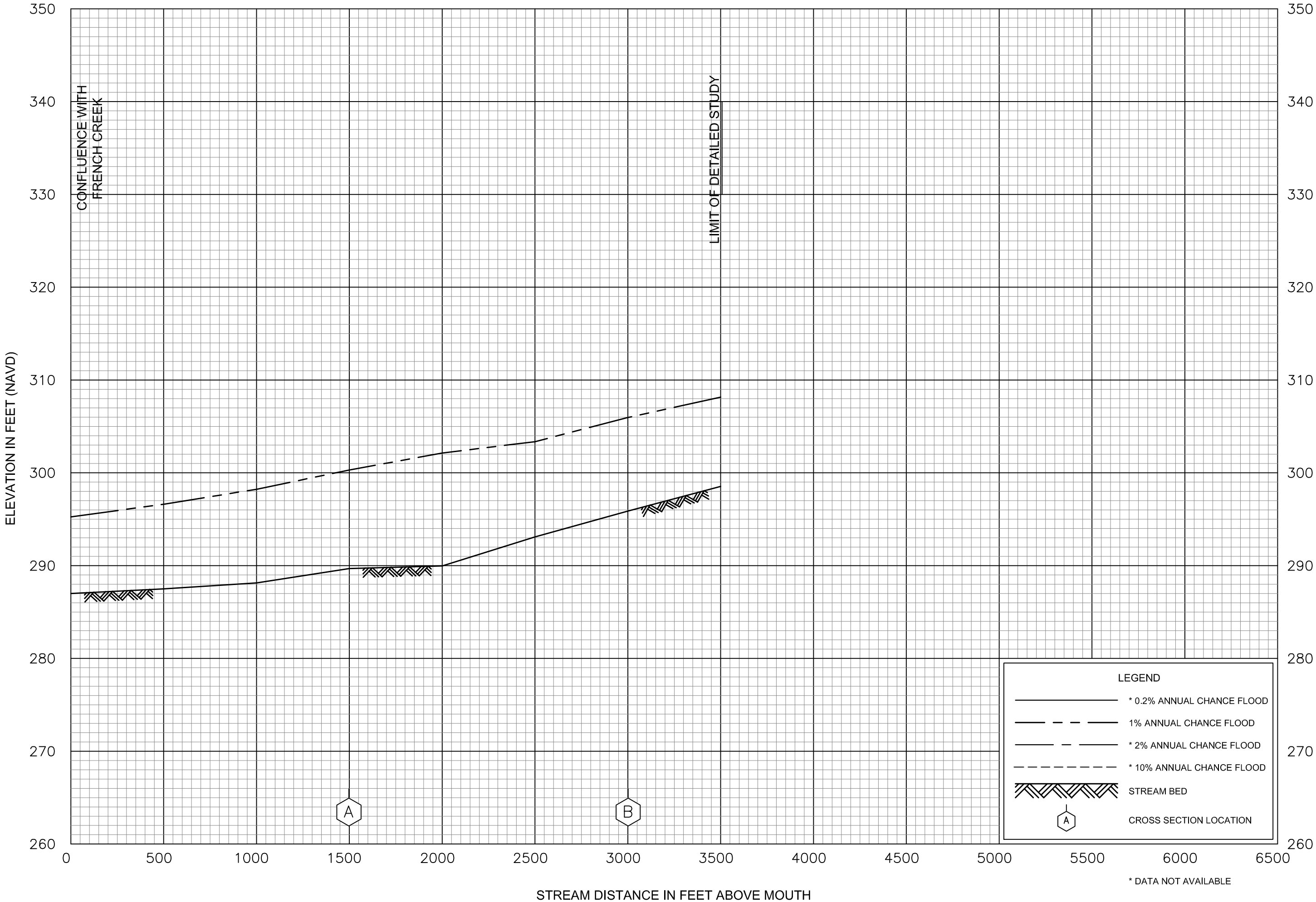
FLOOD PROFILES

FRENCH CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

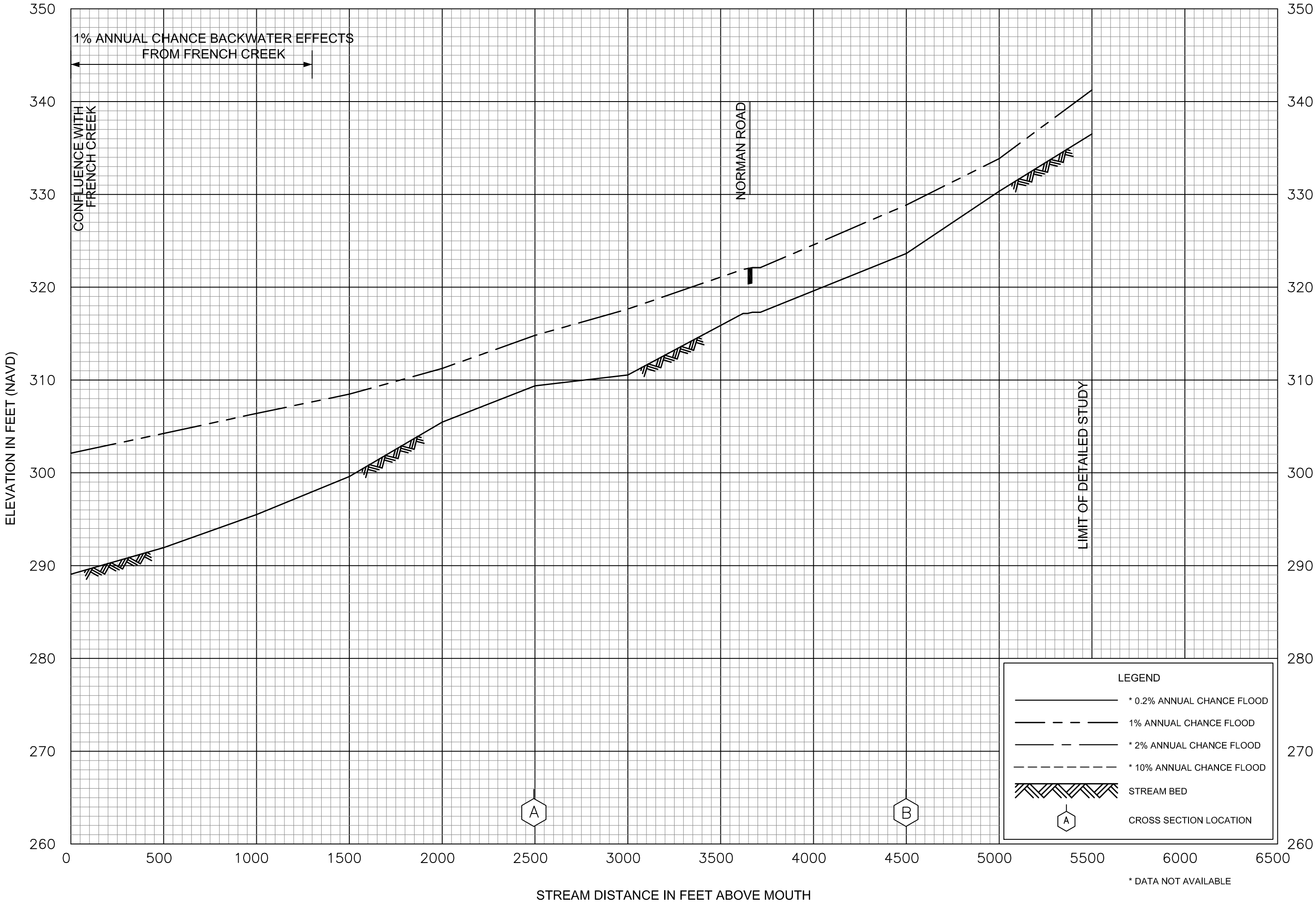


FLOOD PROFILES

FRENCH CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

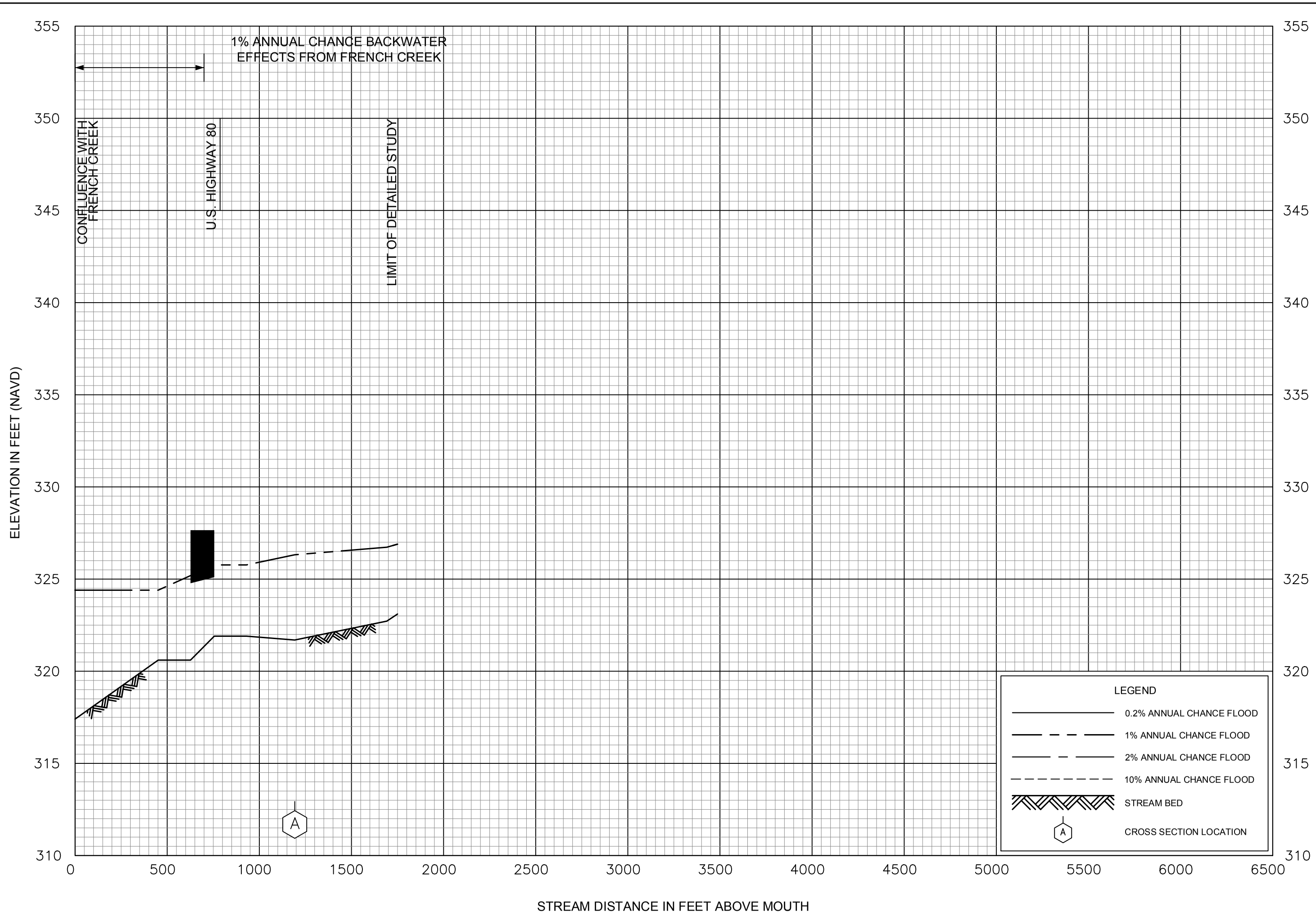


FLOOD PROFILES

FRENCH CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



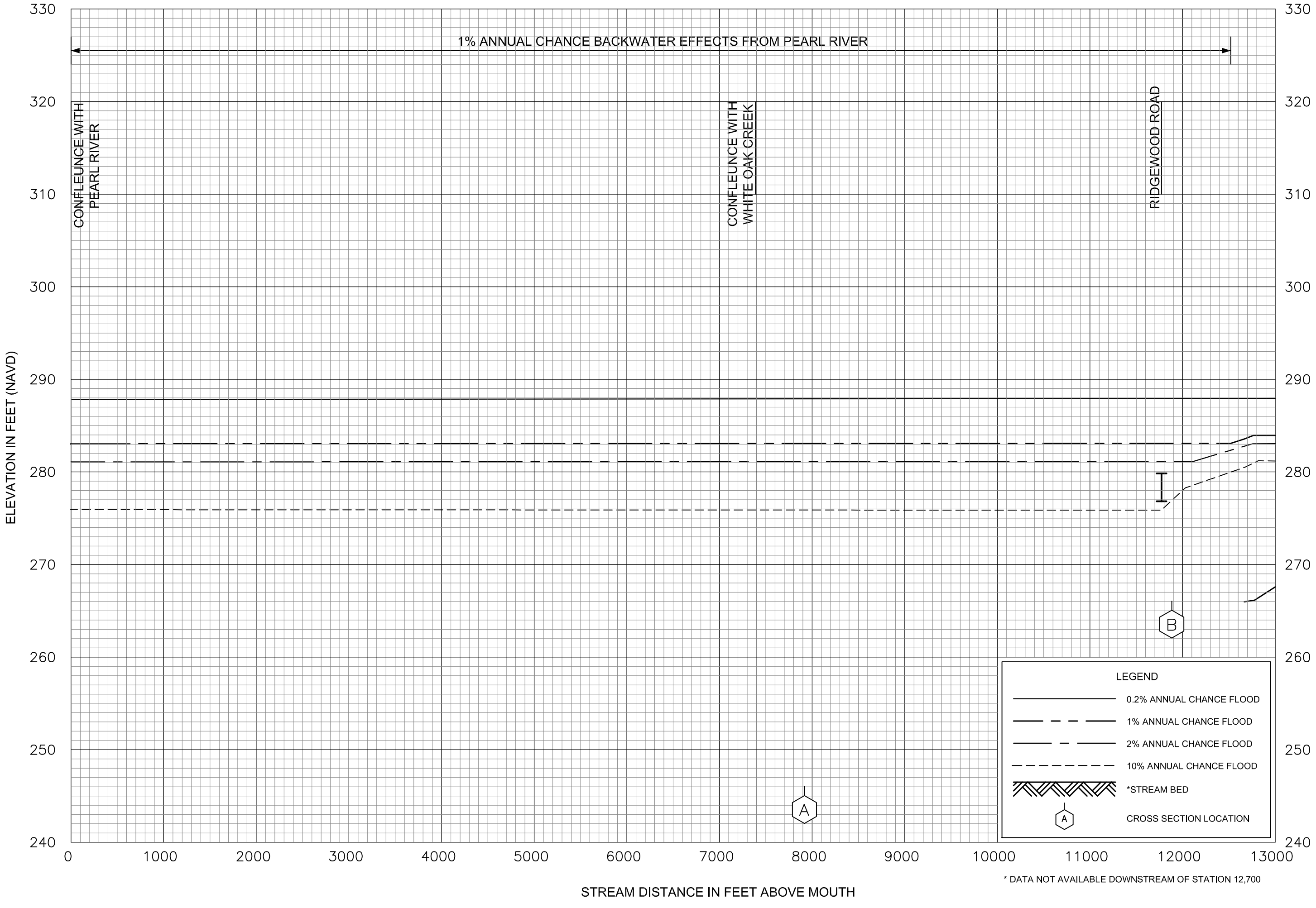
FLOOD PROFILES

FRENCH CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

115P



FLOOD PROFILES

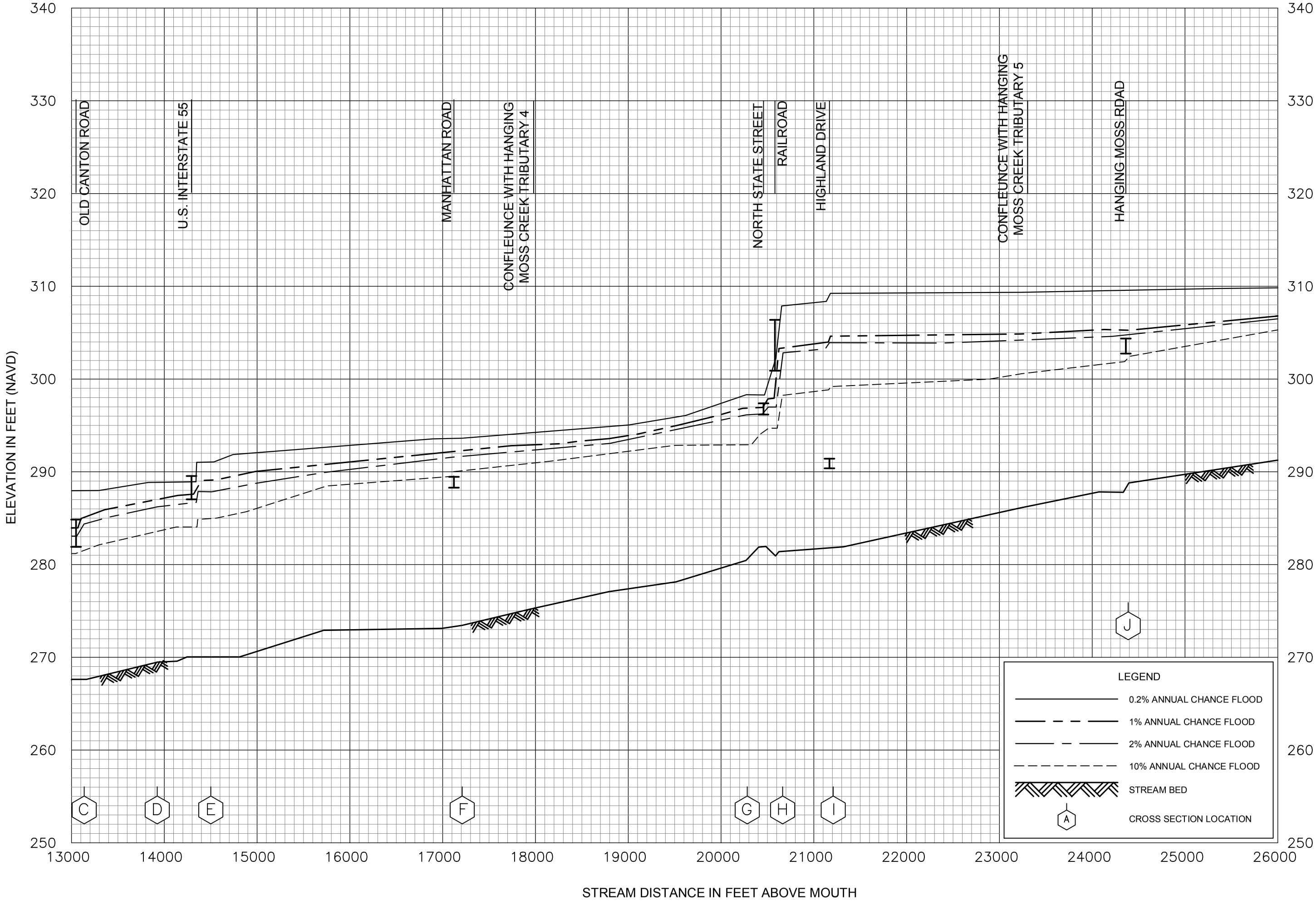
HANGING MOSS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

116P



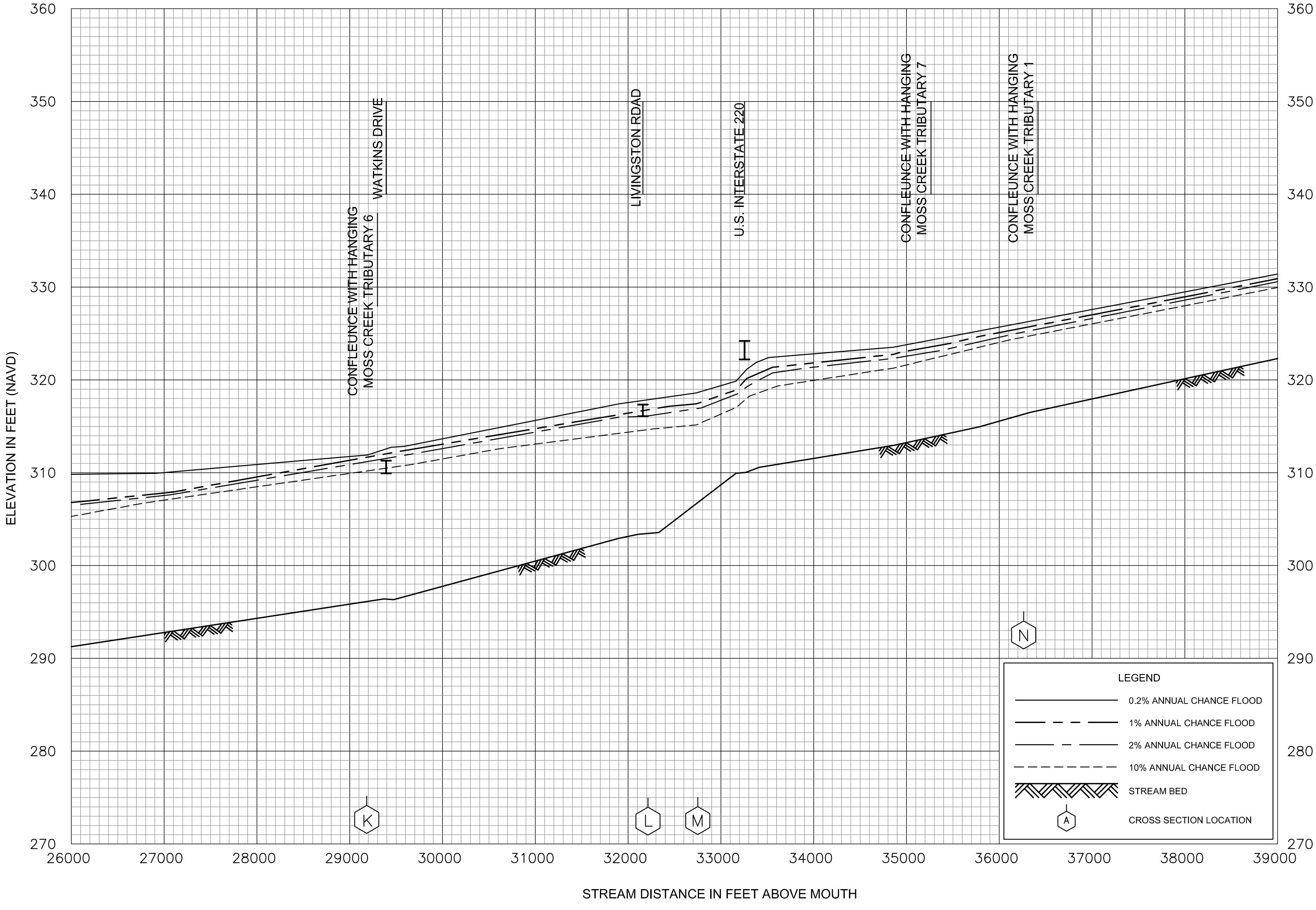
FLOOD PROFILES

HANGING MOSS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

117P



FLOOD PROFILES

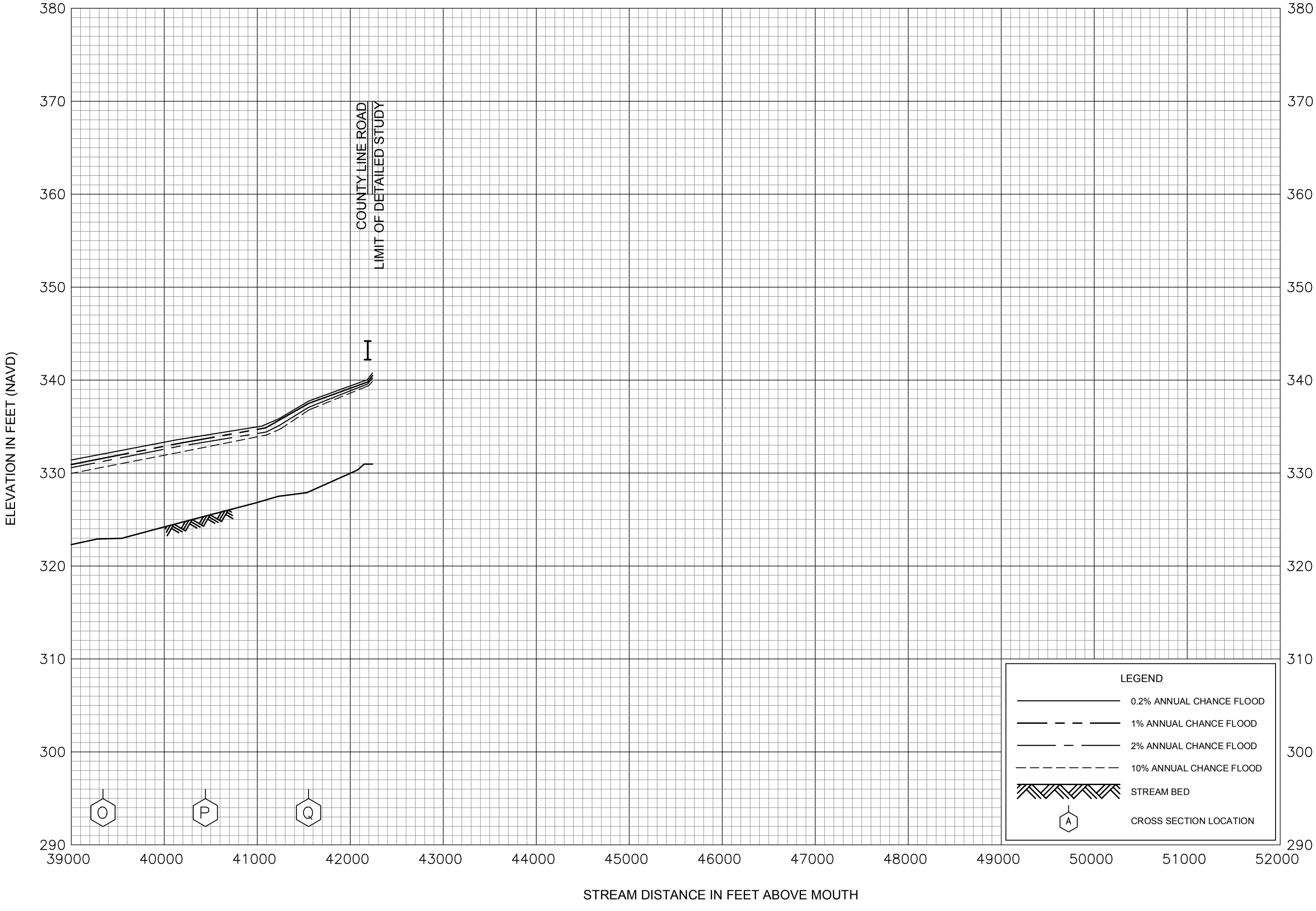
HANGING MOSS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

118P



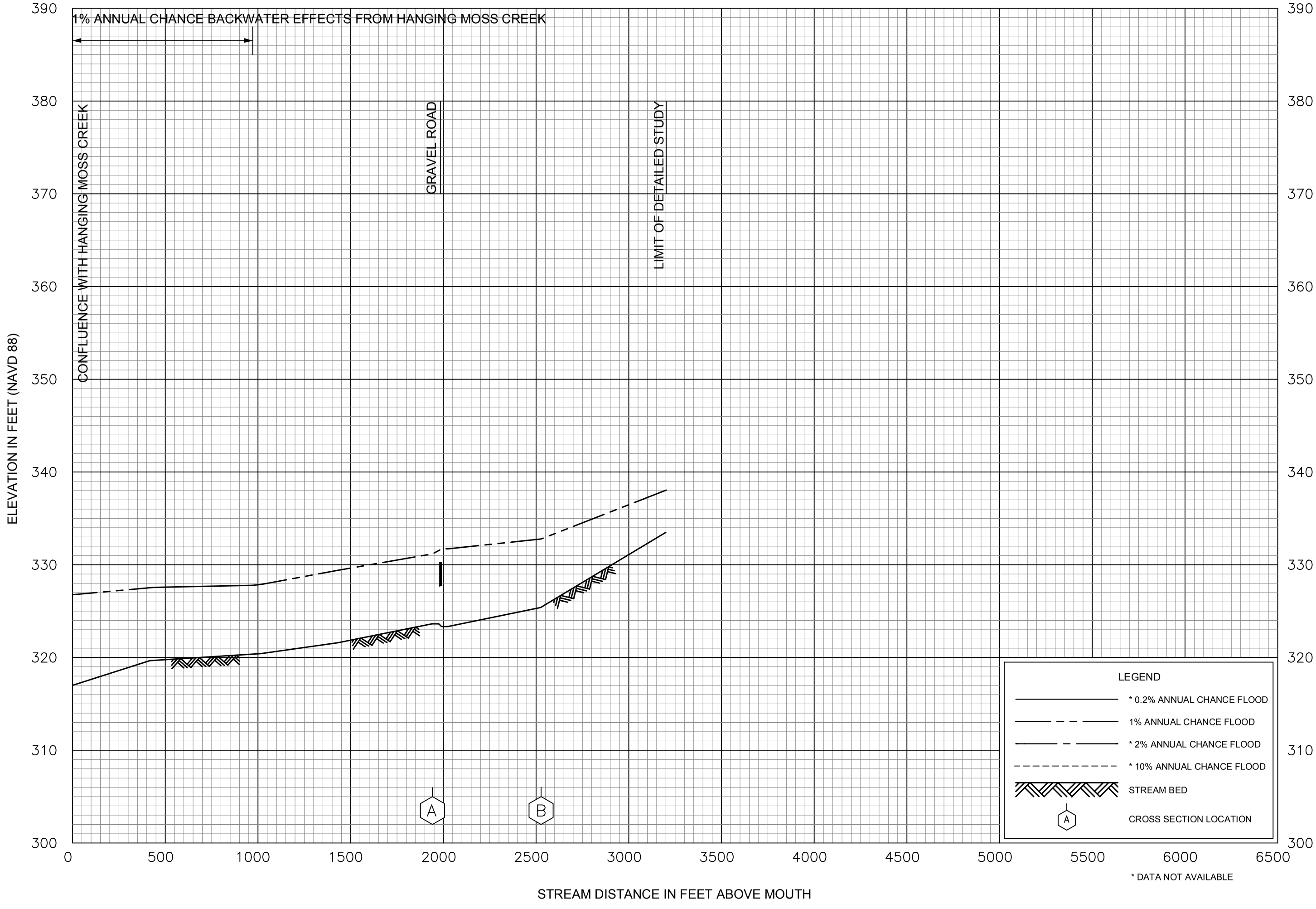
FLOOD PROFILES

HANGING MOSS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



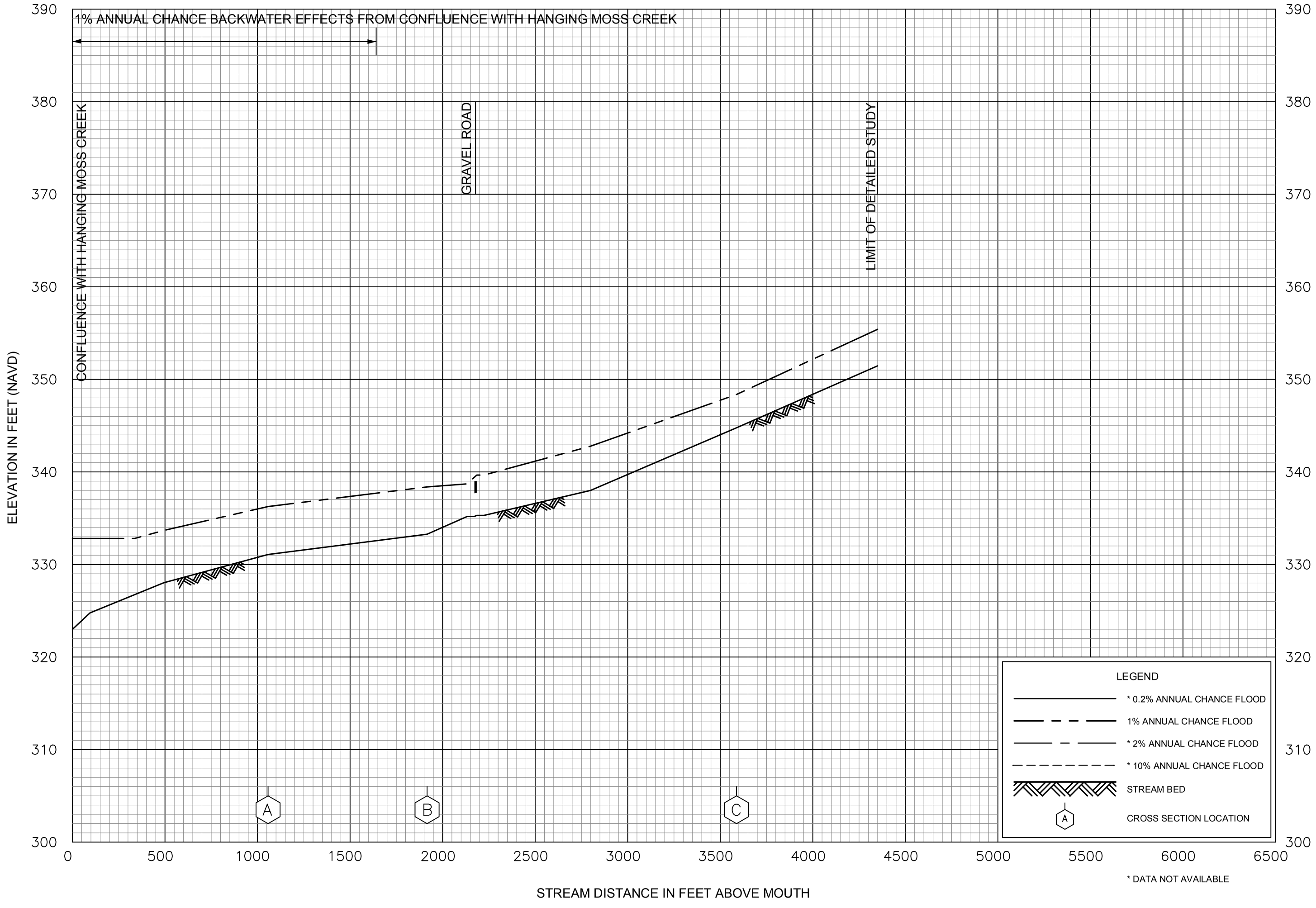
FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

120P



FLOOD PROFILES

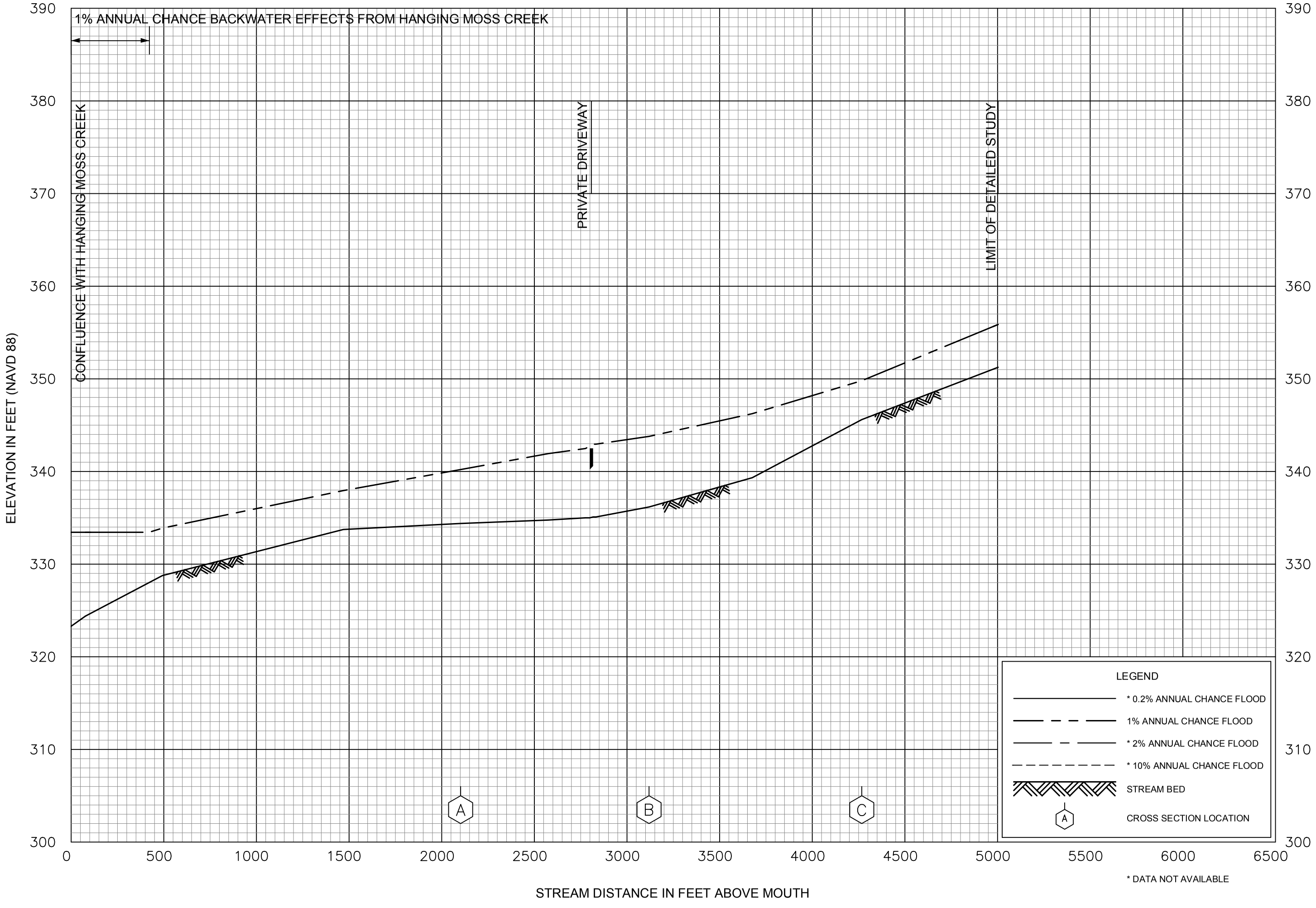
HANGING MOSS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

121P



FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HNDS COUNTY, MS
AND INCORPORATED AREAS

122P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM BIG BLACK RIVER

CONFLUENCE WITH HANGING MOSS CREEK

WOODWAY DRIVE

CEDARS OF LEBANON DRIVE

CULLEY DRIVE

BRIARWOOD DRIVE

NORTH STATE STREET

RAILROAD

BEASLEY ROAD

ELEVATION IN FEET (NAVD)

340
330
320
310
300
290
280
270
260
250

0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C
D
E
F
G
H
I
J
K

LEGEND

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

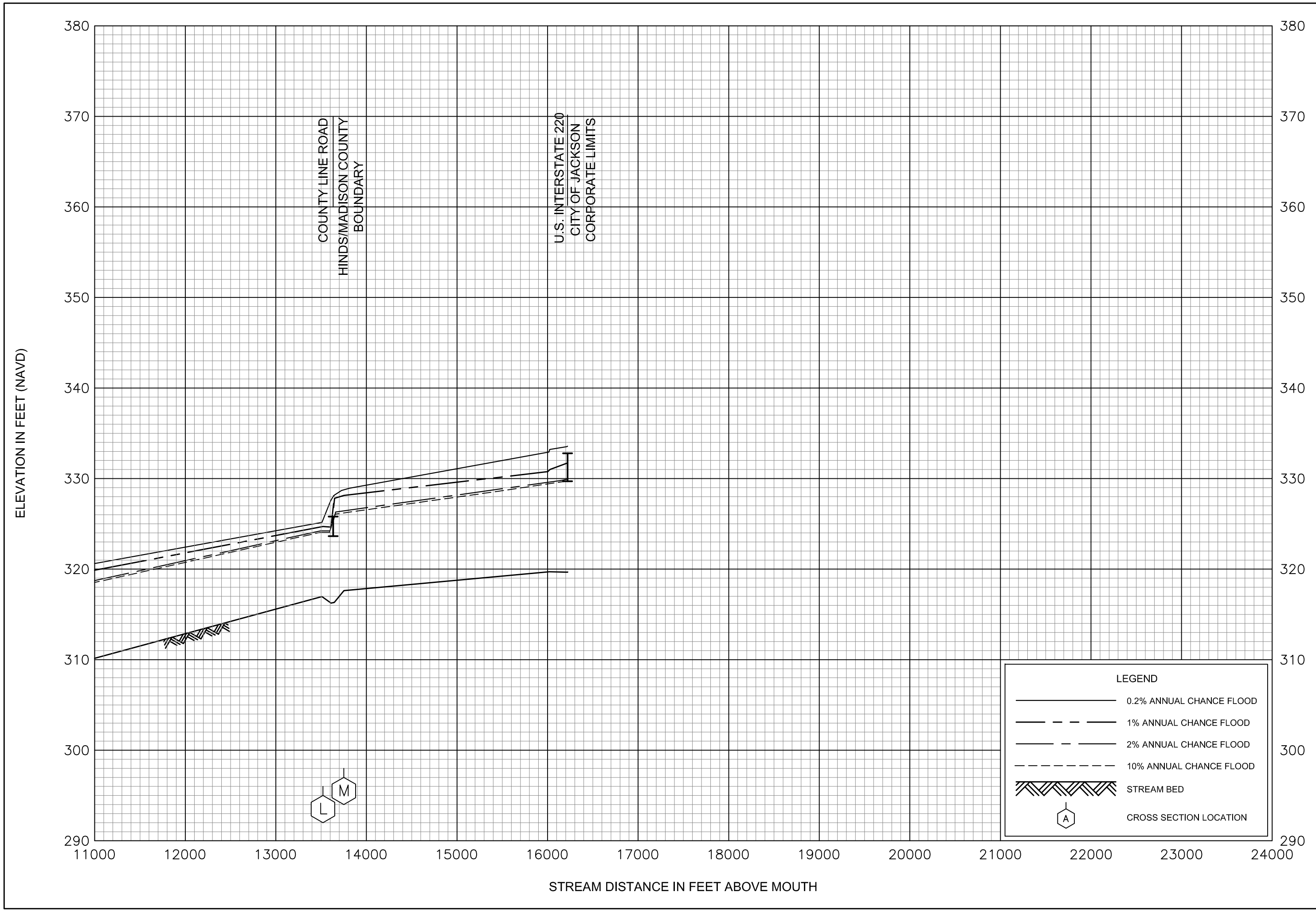
FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

123P



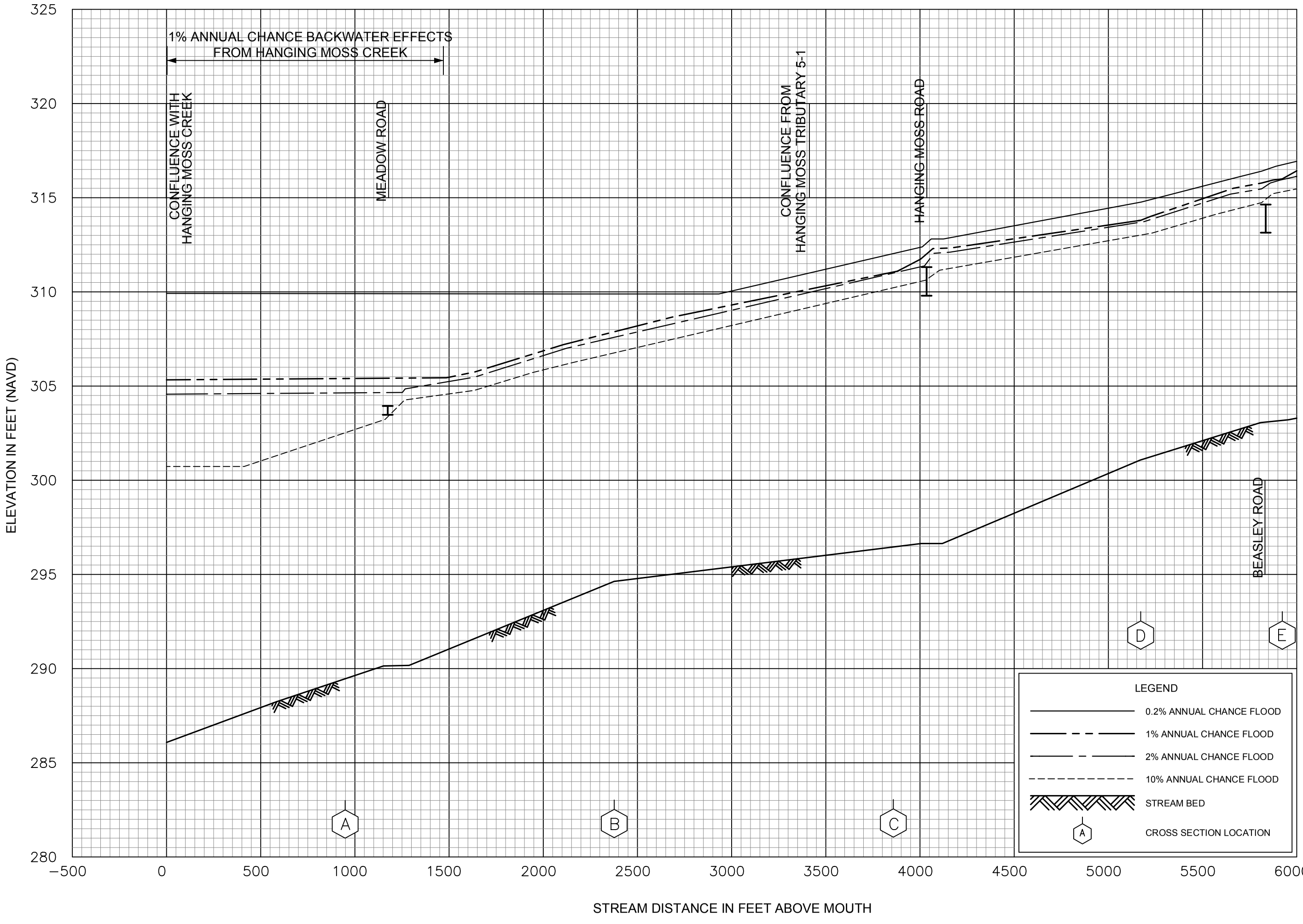
FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

124P



FLOOD PROFILES

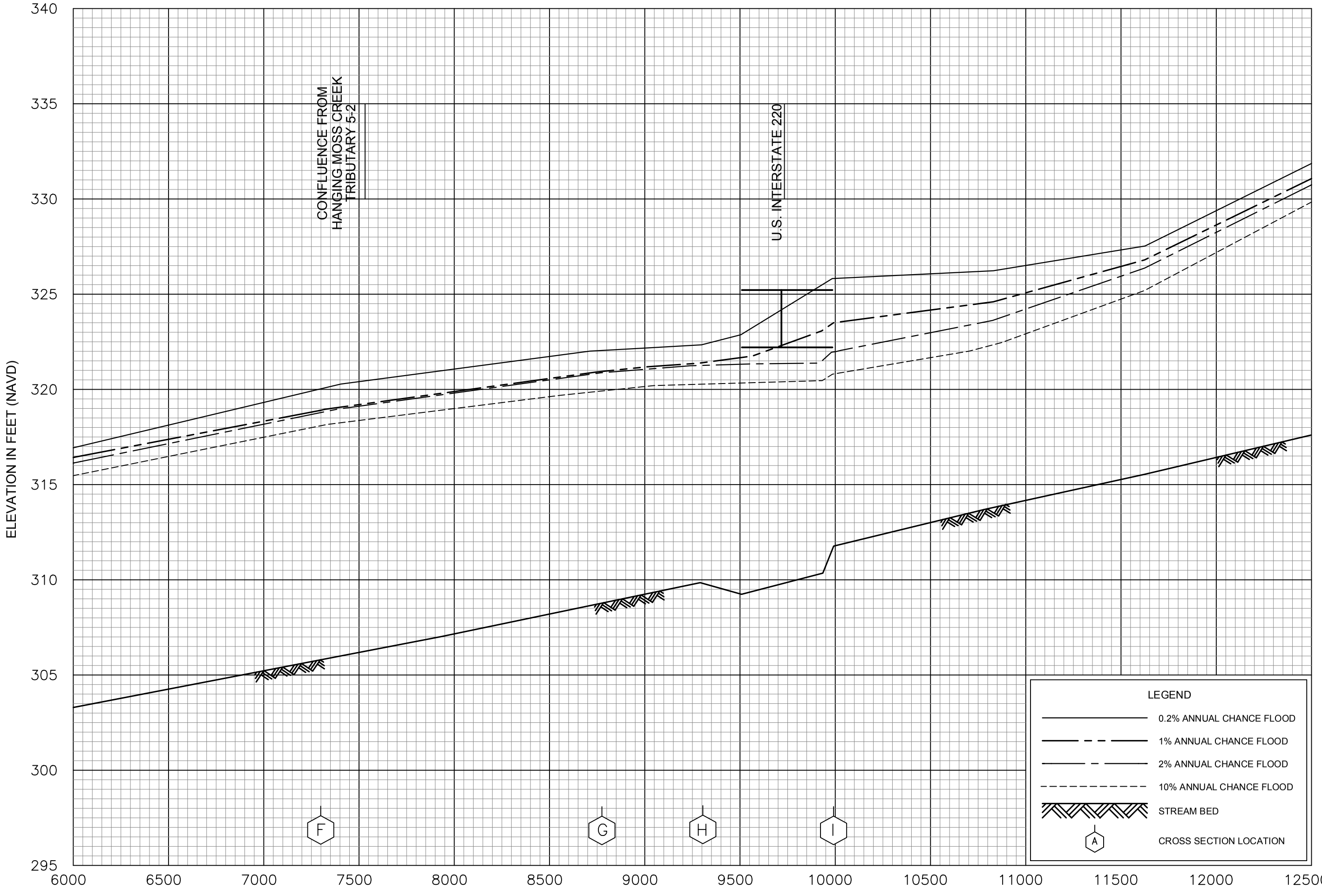
HANGING MOSS CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

125P



FLOOD PROFILES

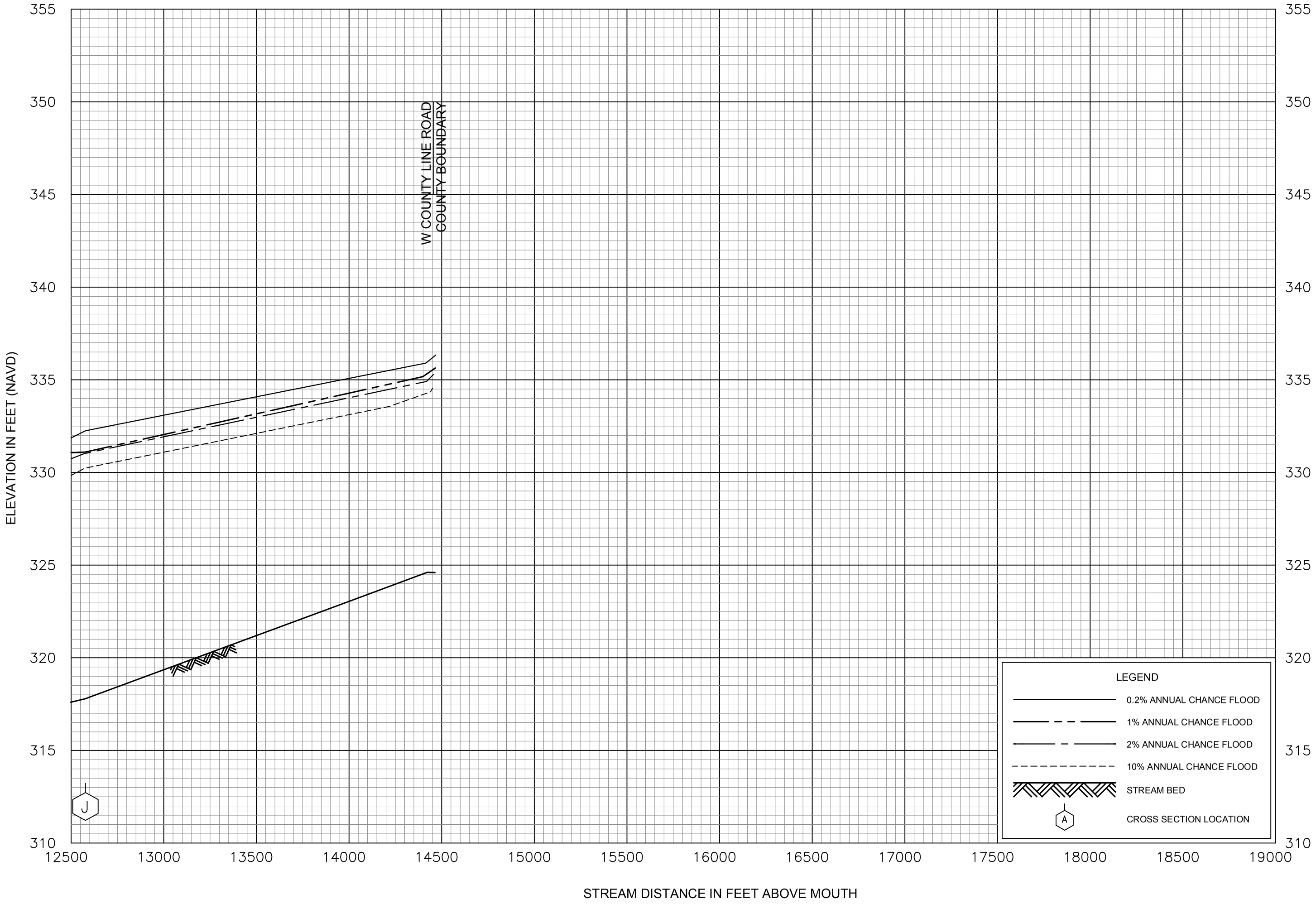
HANGING MOSS CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

126P



FLOOD PROFILES

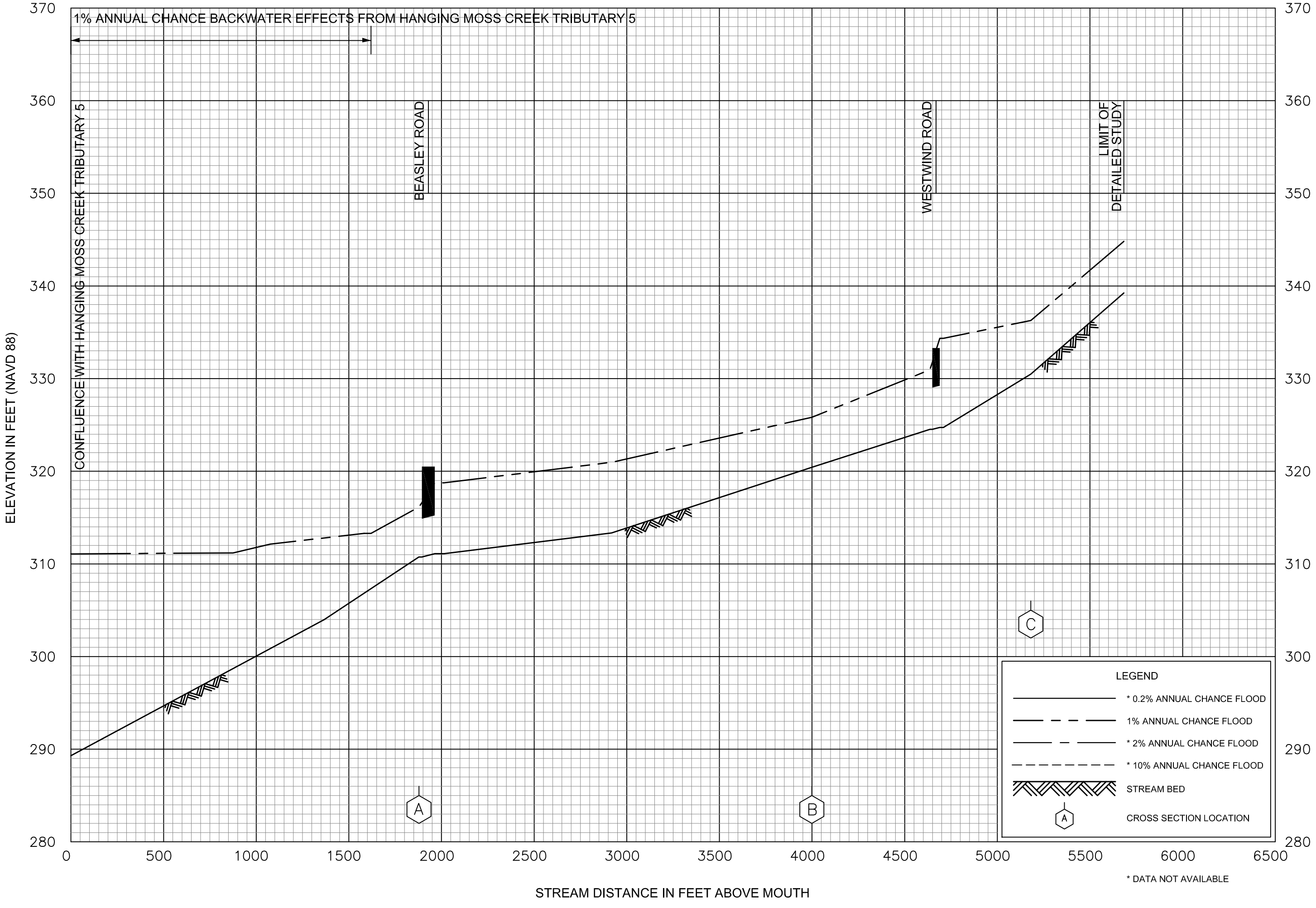
HANGING MOSS CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

127P



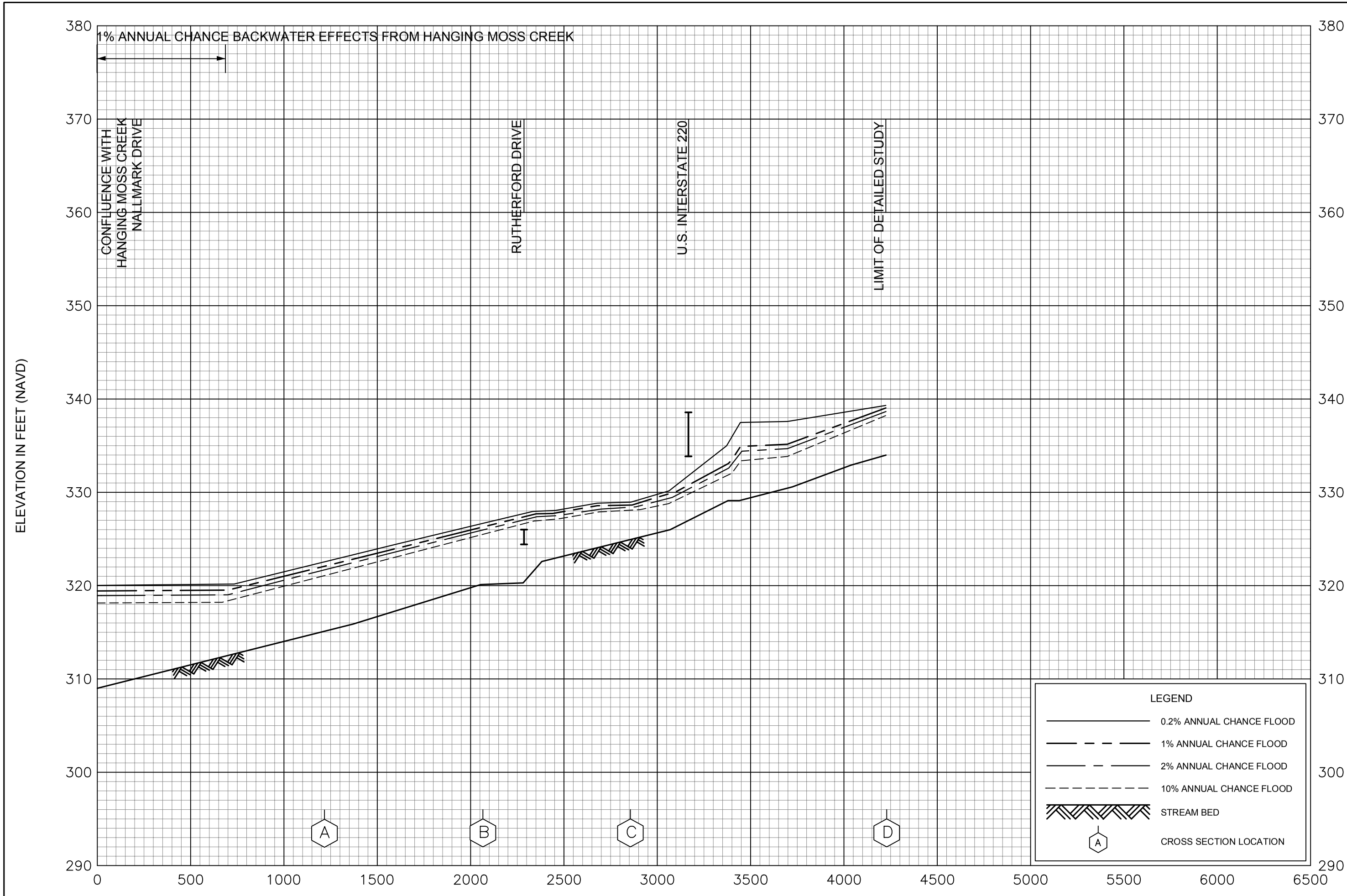
FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 5-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

128P

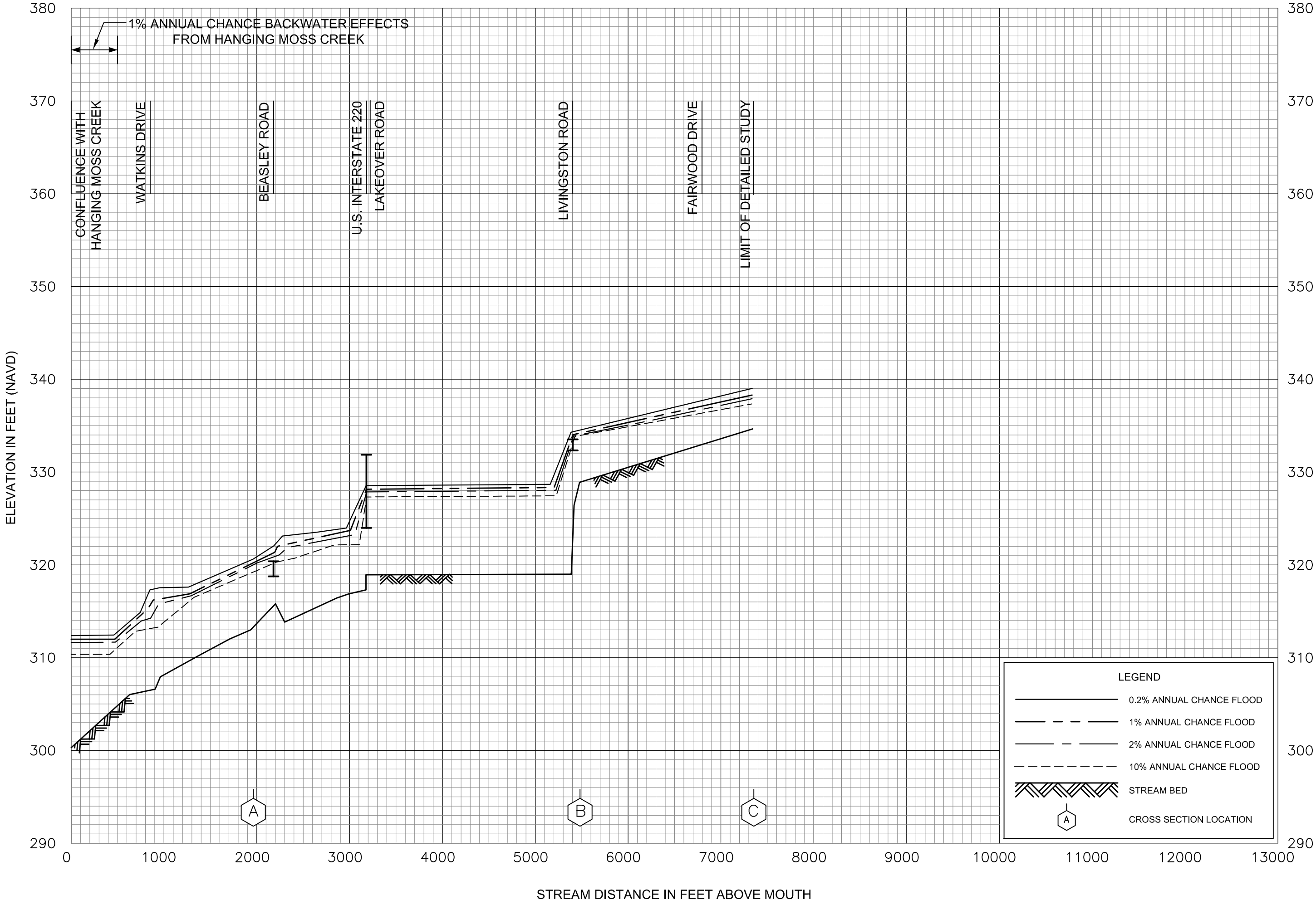


FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 5-2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



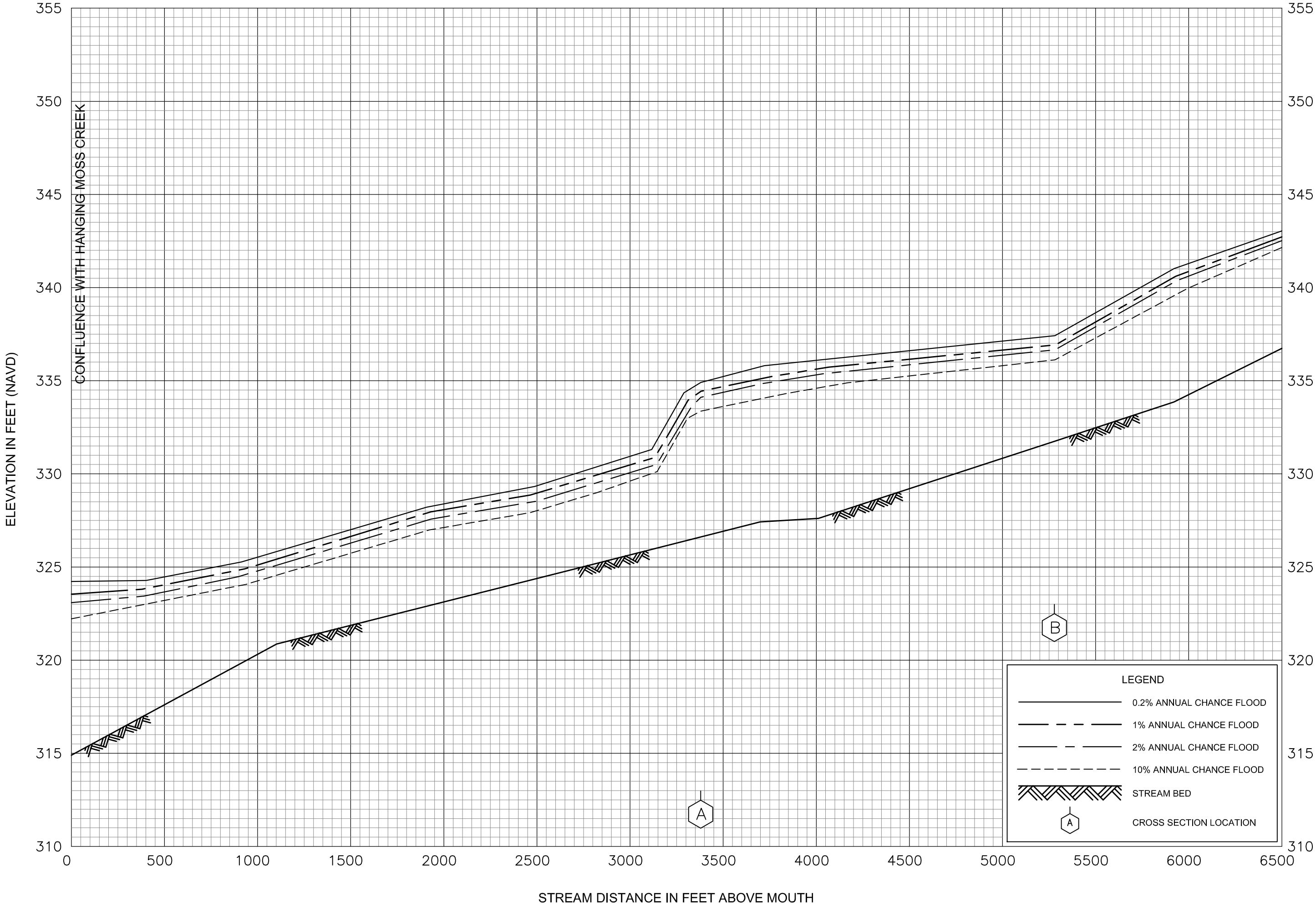
FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

130P



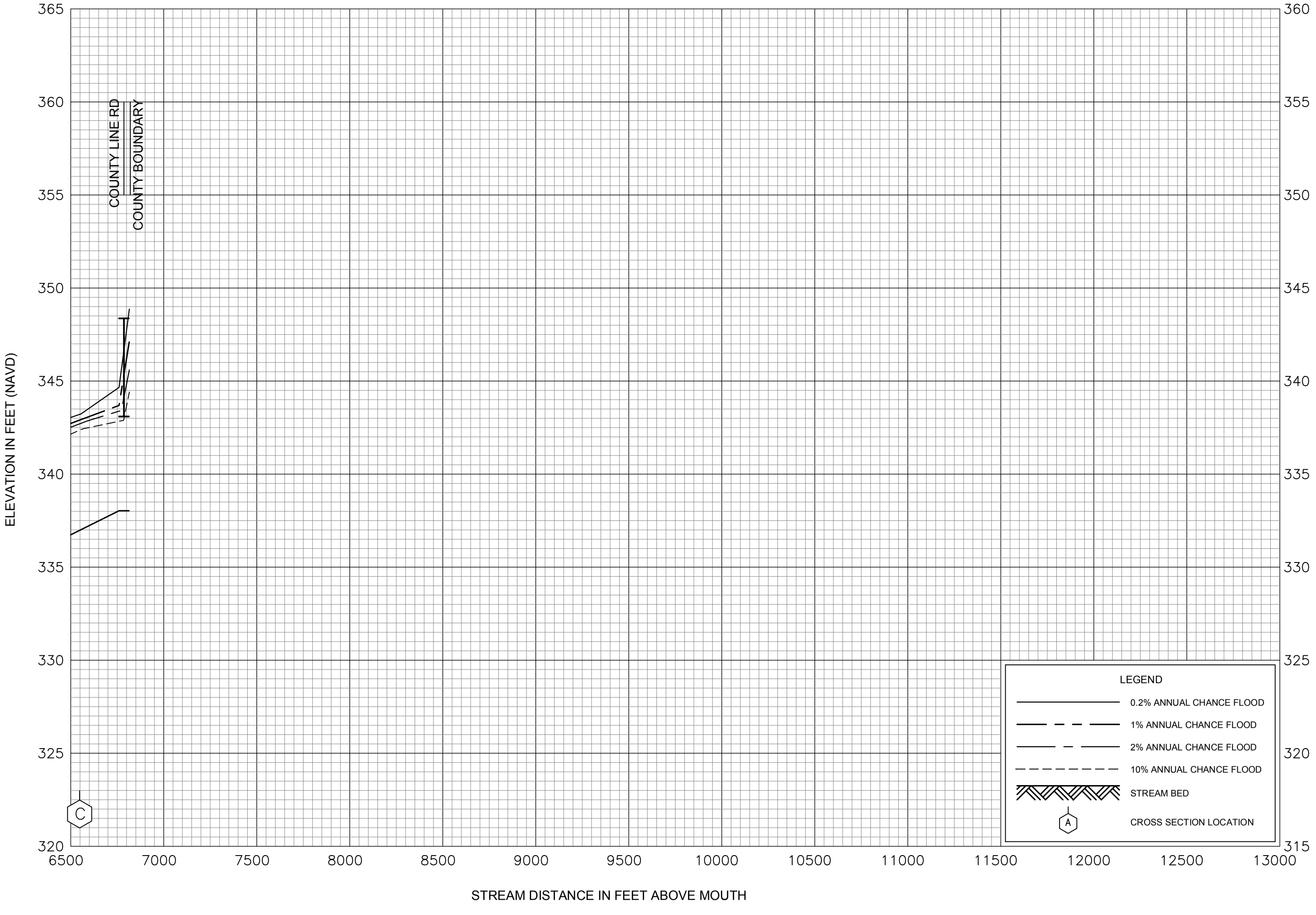
FLOOD PROFILES

HANGING MOSS CREEK TRIBUTARY 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

131P



FLOOD PROFILES

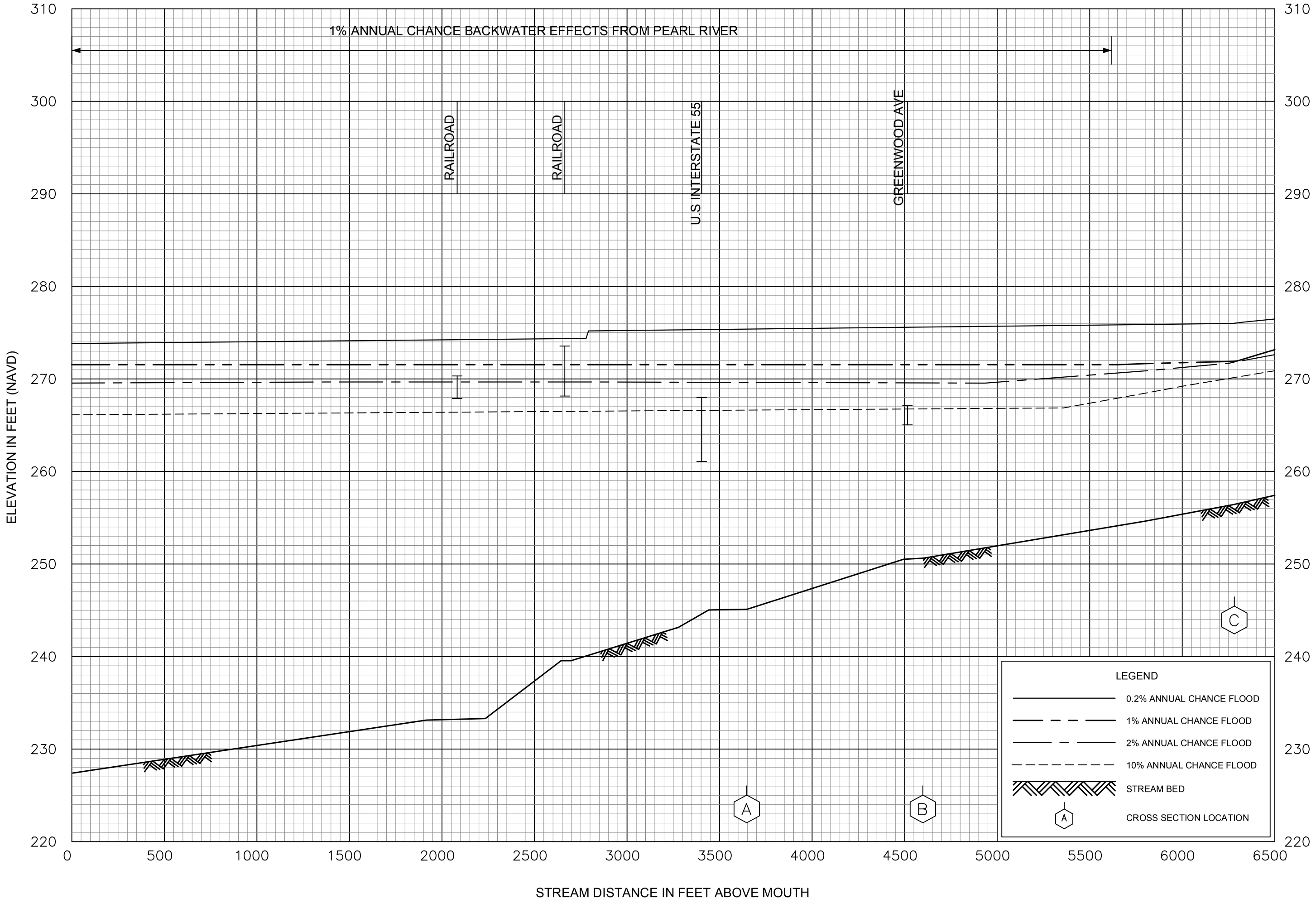
HANGING MOSS CREEK TRIBUTARY 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

132P



FLOOD PROFILES

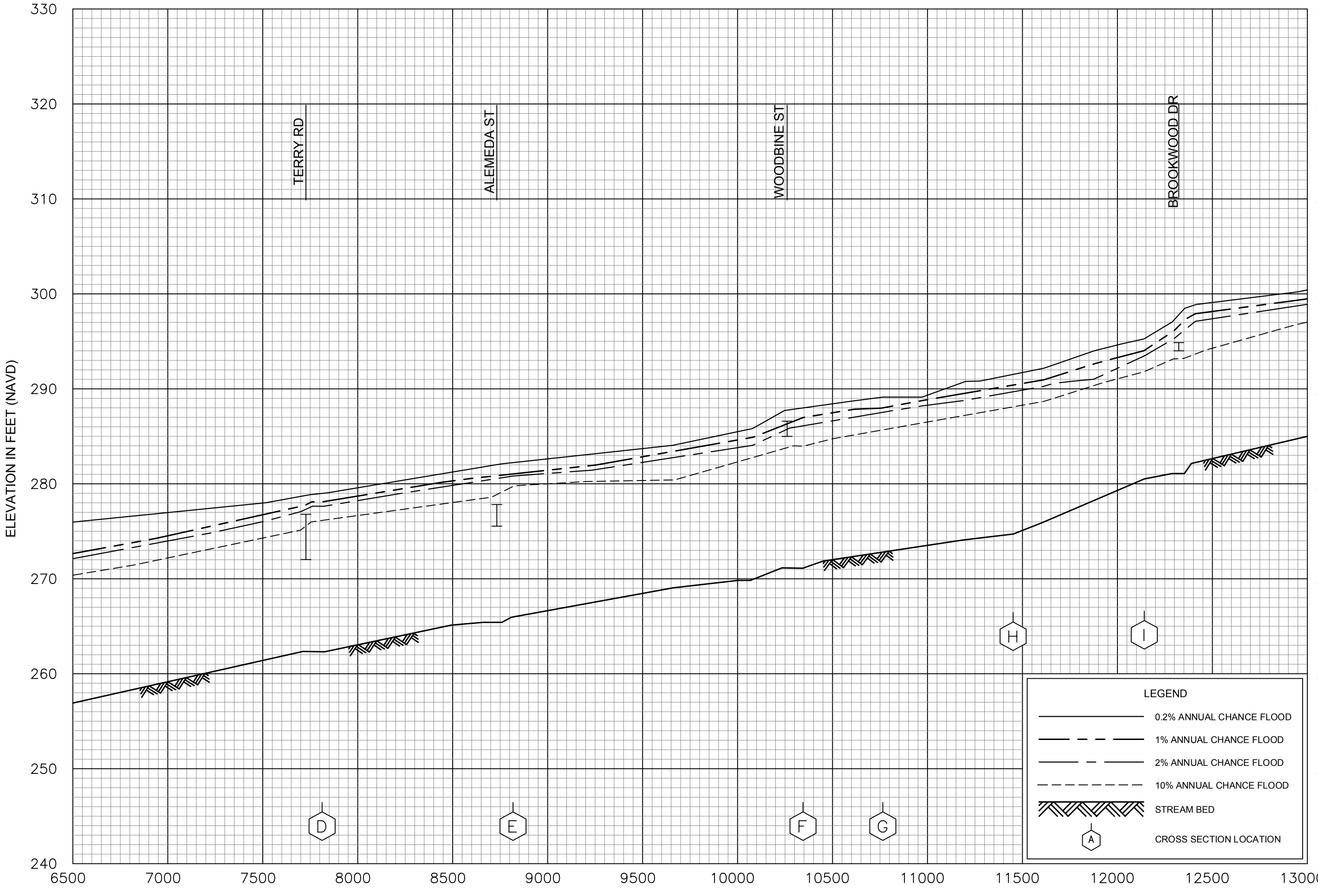
HARDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

133P



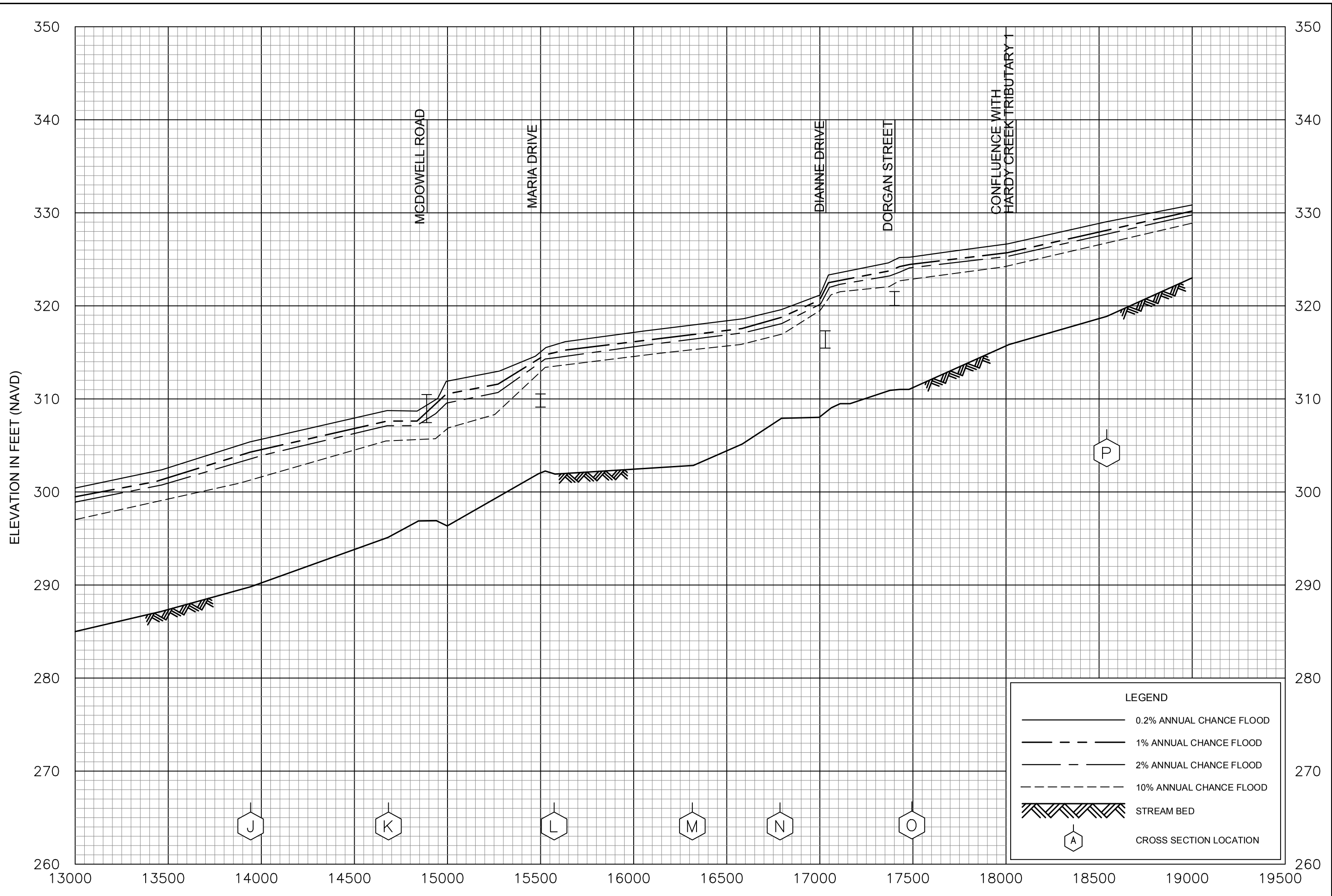
FLOOD PROFILES

HARDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

134P



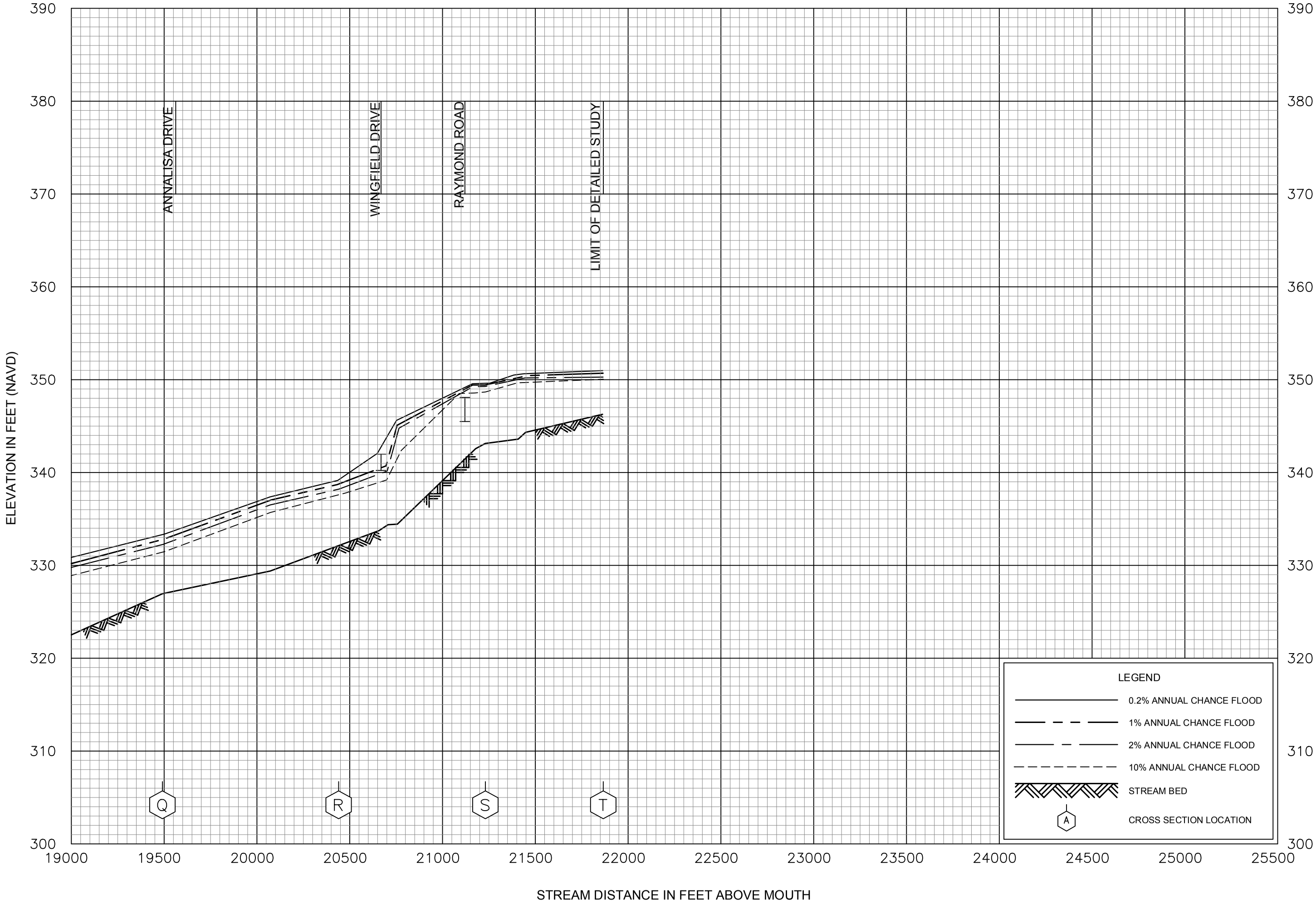
FLOOD PROFILES

HARDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

135P



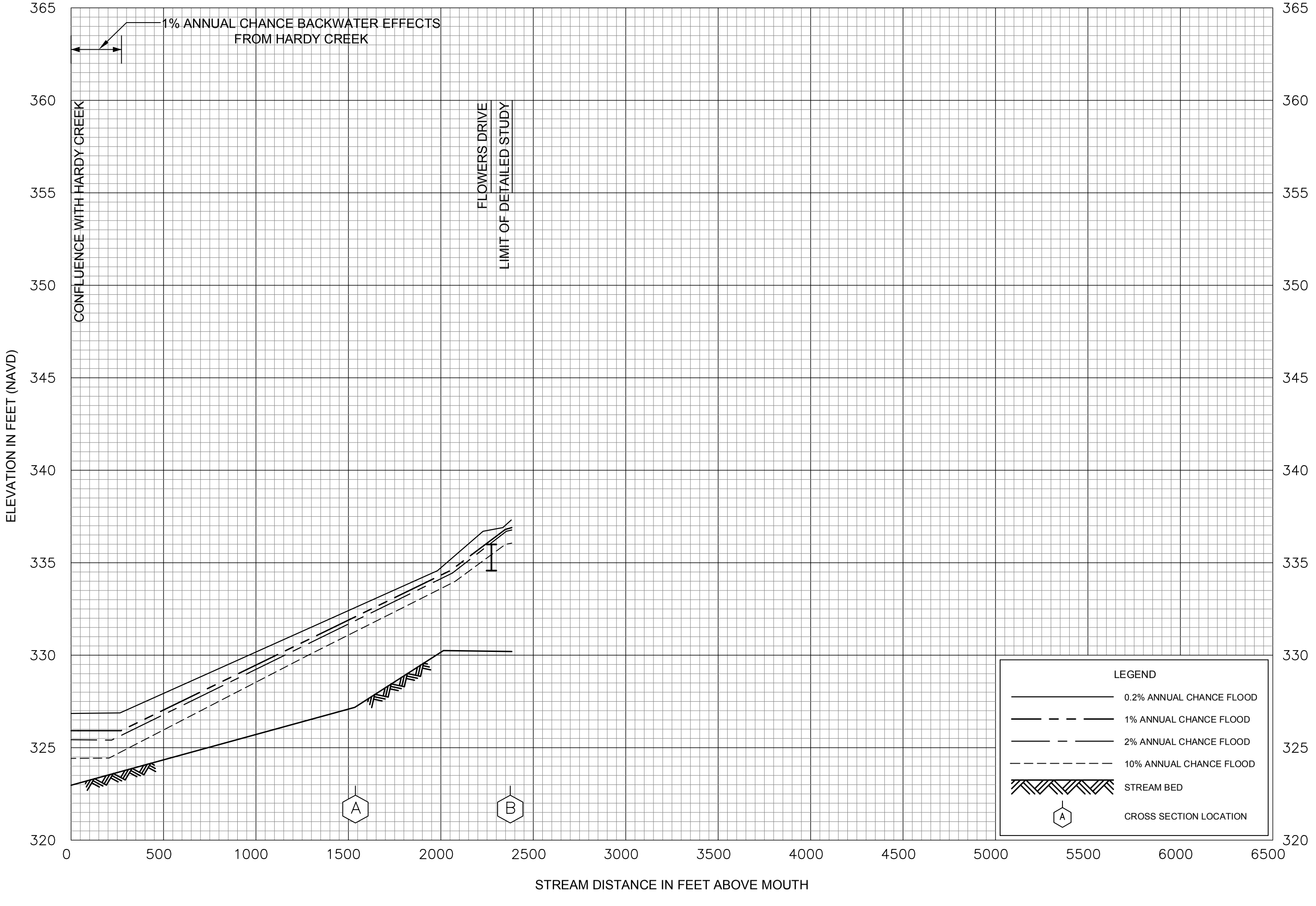
FLOOD PROFILES

HARDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

136P



FLOOD PROFILES

HARDY CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

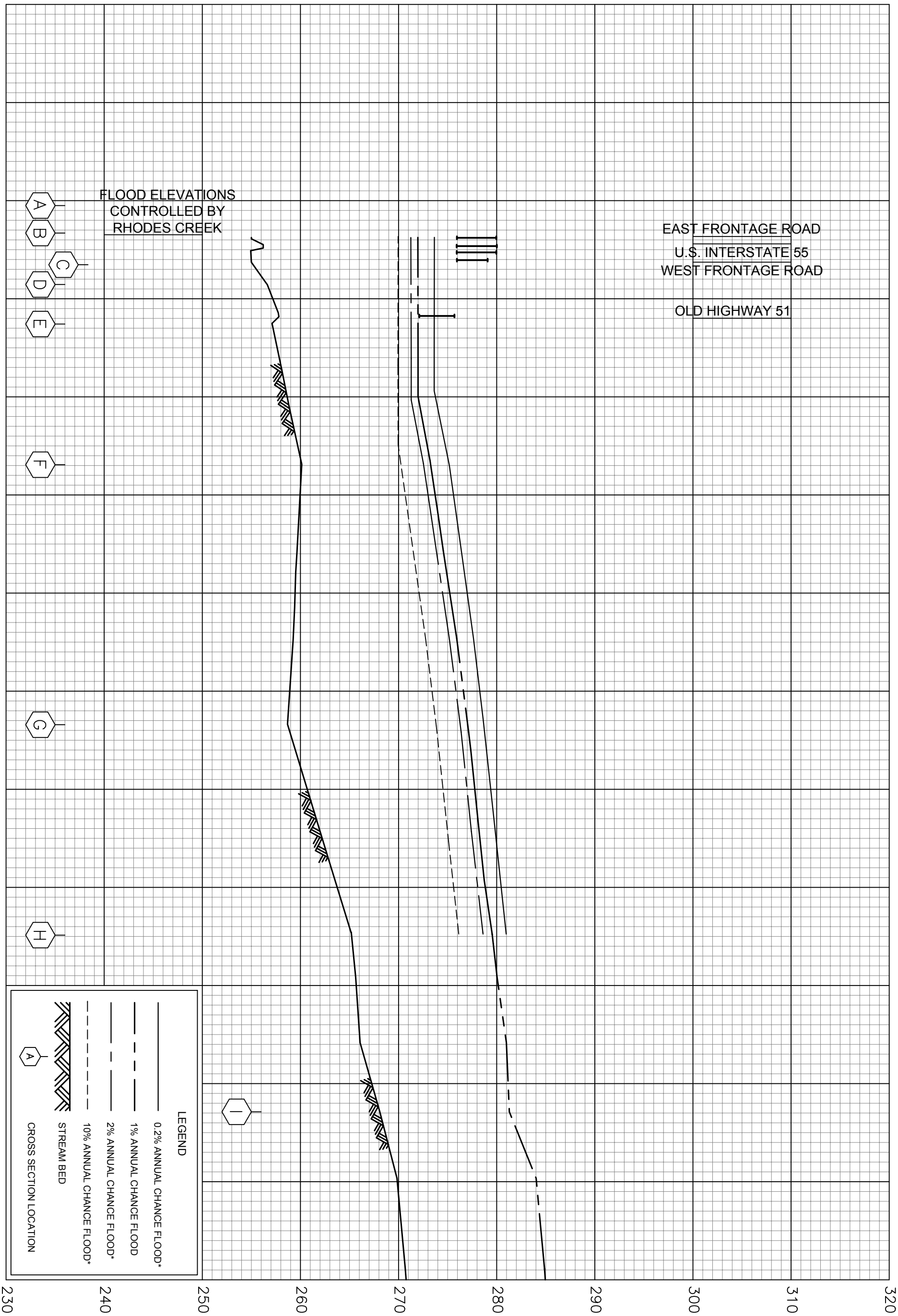
137P

ELEVATION IN FEET (NAVD 88)

230 240 250 260 270 280 290 300 310 320

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH



* DATA NOT AVAILABLE DOWNSTREAM OF STA 2375 AND UPSTREAM OF STA 9475

138P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOOD PROFILES

HARRIS CREEK

ELEVATION IN FEET (NAVD 88)

350
340
330
320
310
300
290
280
270
260

CONFLUENCE WITH HARRIS CREEK TRIBUTARY 1

STUBBS ROAD

J
K
L
M
N

LEGEND

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

15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000

STREAM DISTANCE IN FEET ABOVE MOUTH

* DATA NOT AVAILABLE

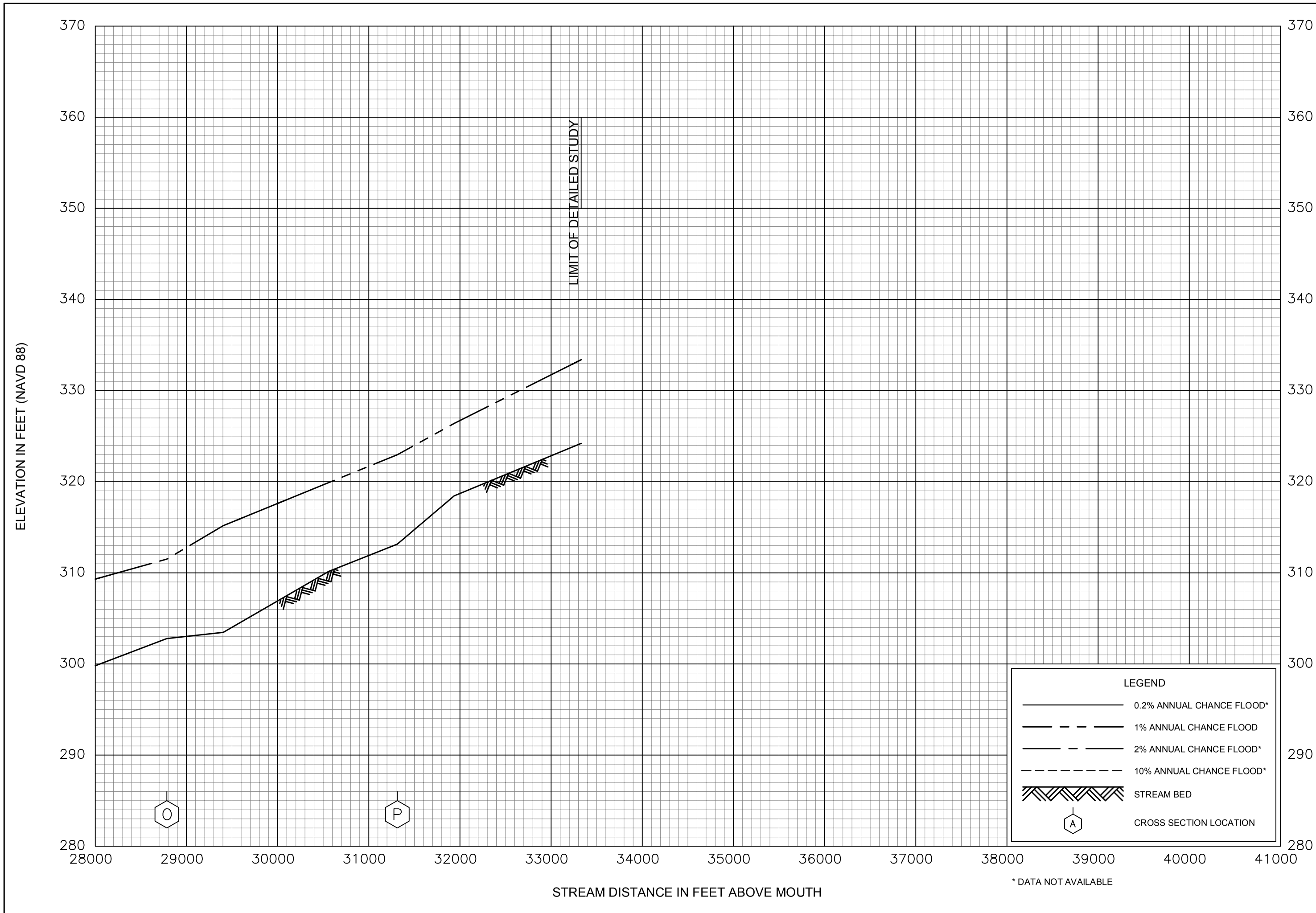
FLOOD PROFILES

HARRIS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

139P



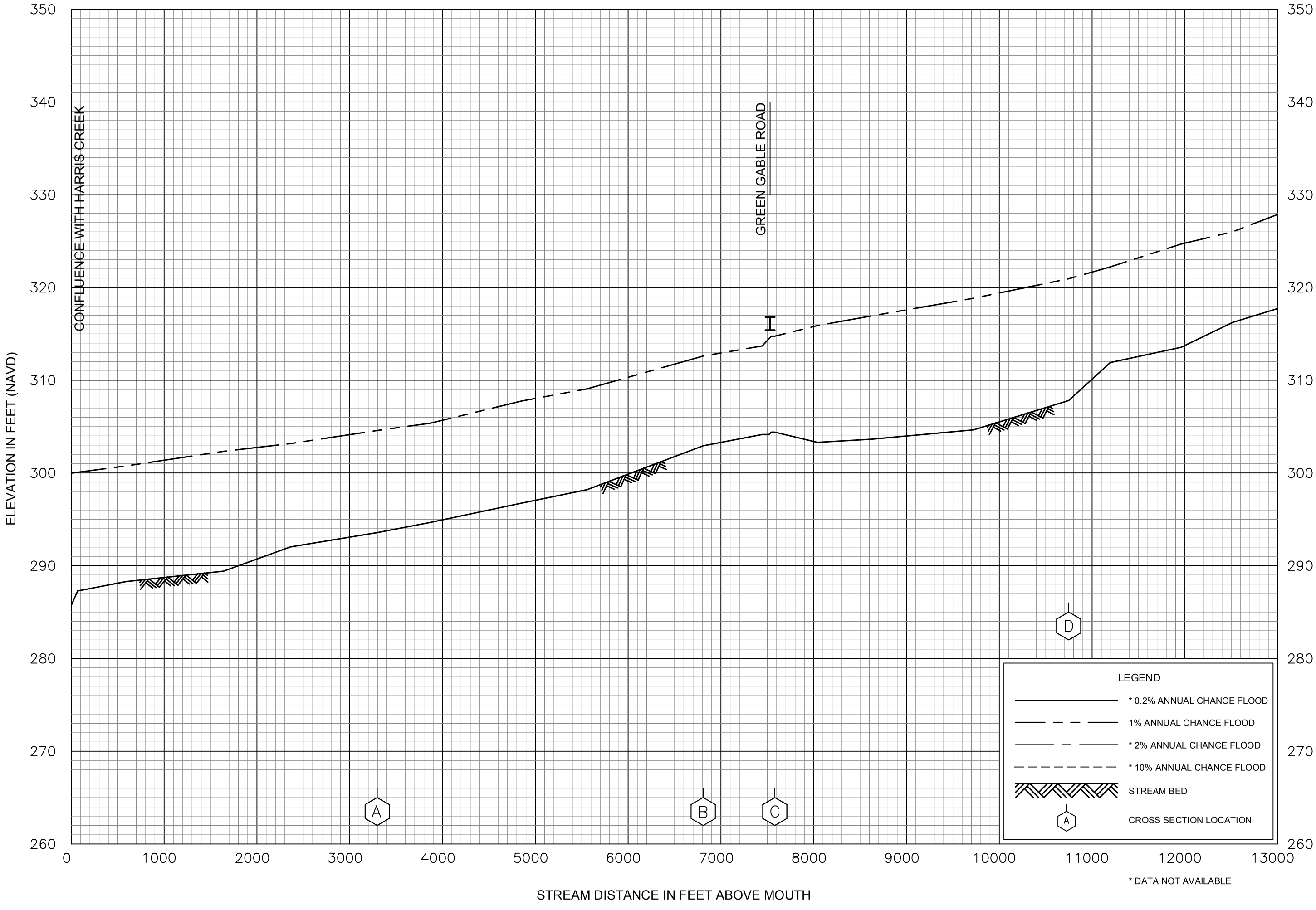
FLOOD PROFILES

HARRIS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

140P



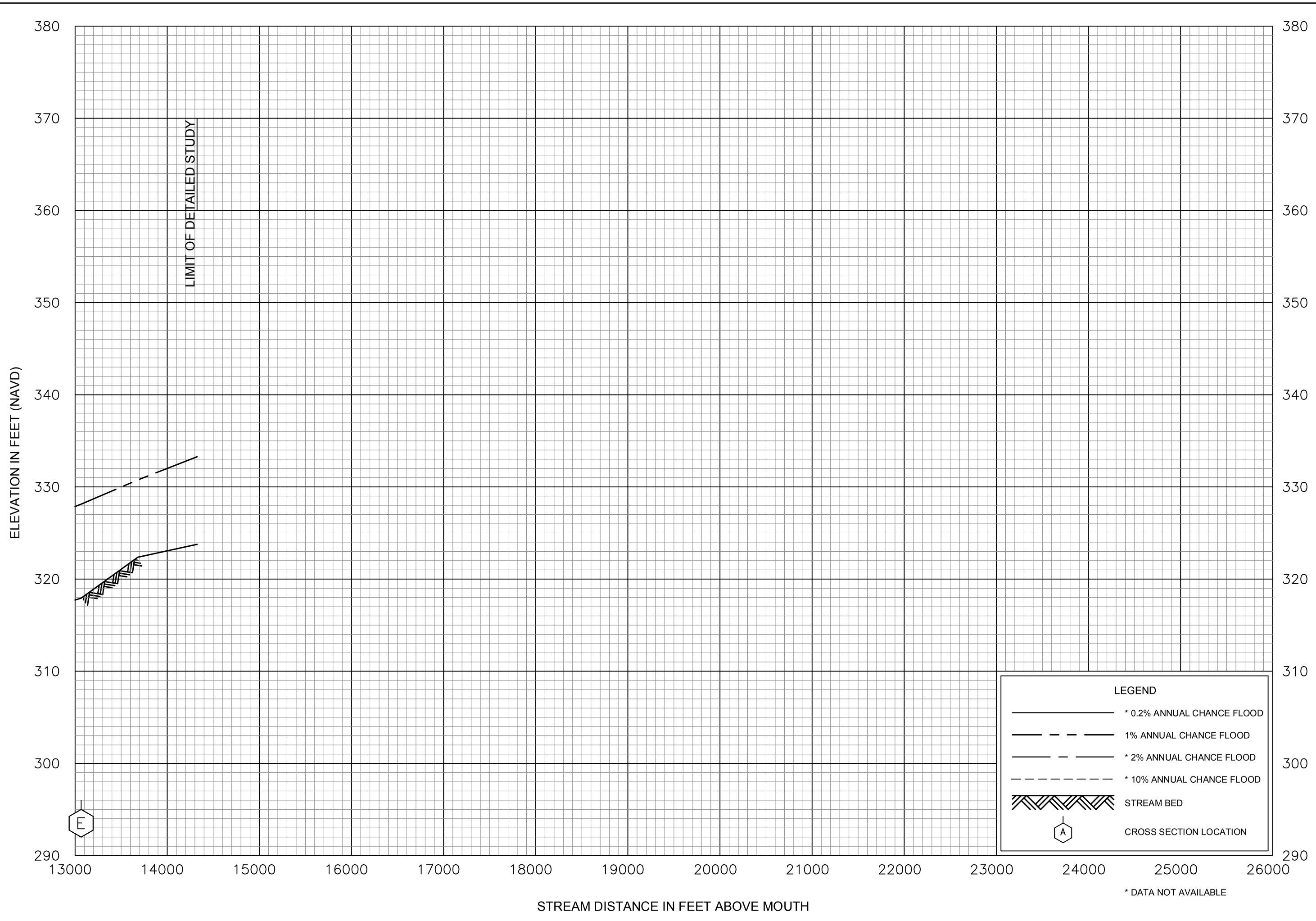
FLOOD PROFILES

HARRIS CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

141P



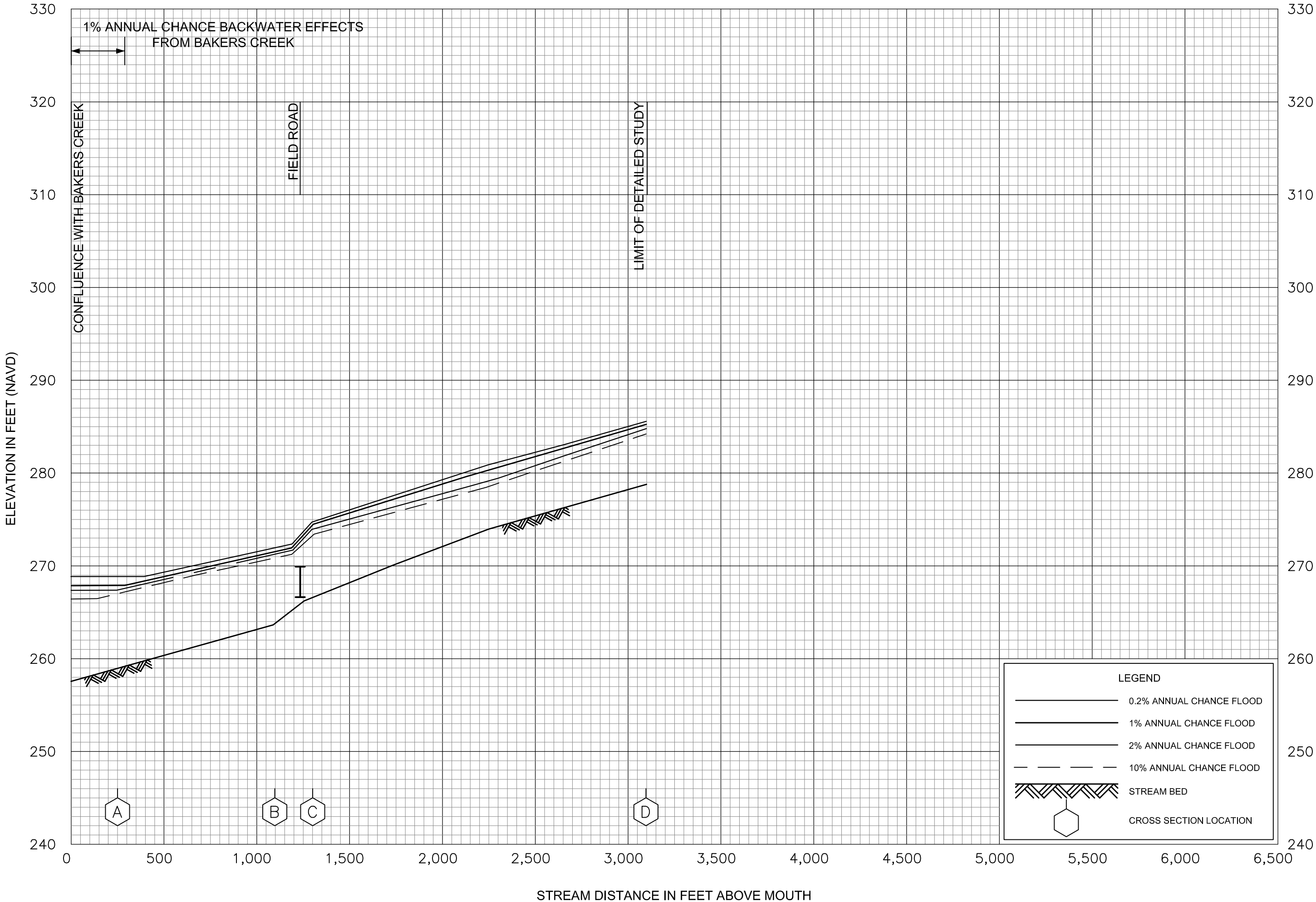
FLOOD PROFILES

HARRIS CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

142P



FLOOD PROFILES

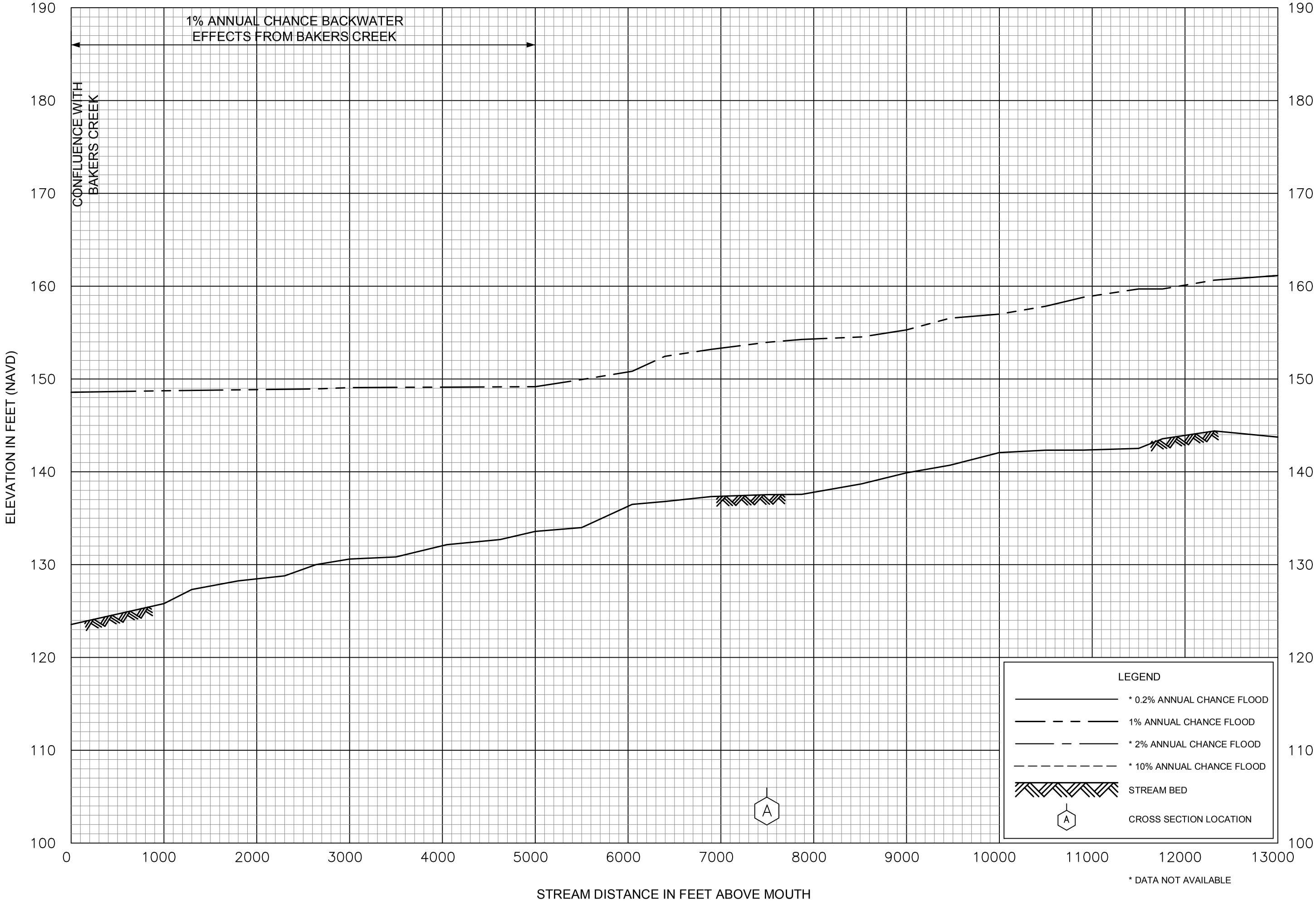
HENRY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

143P



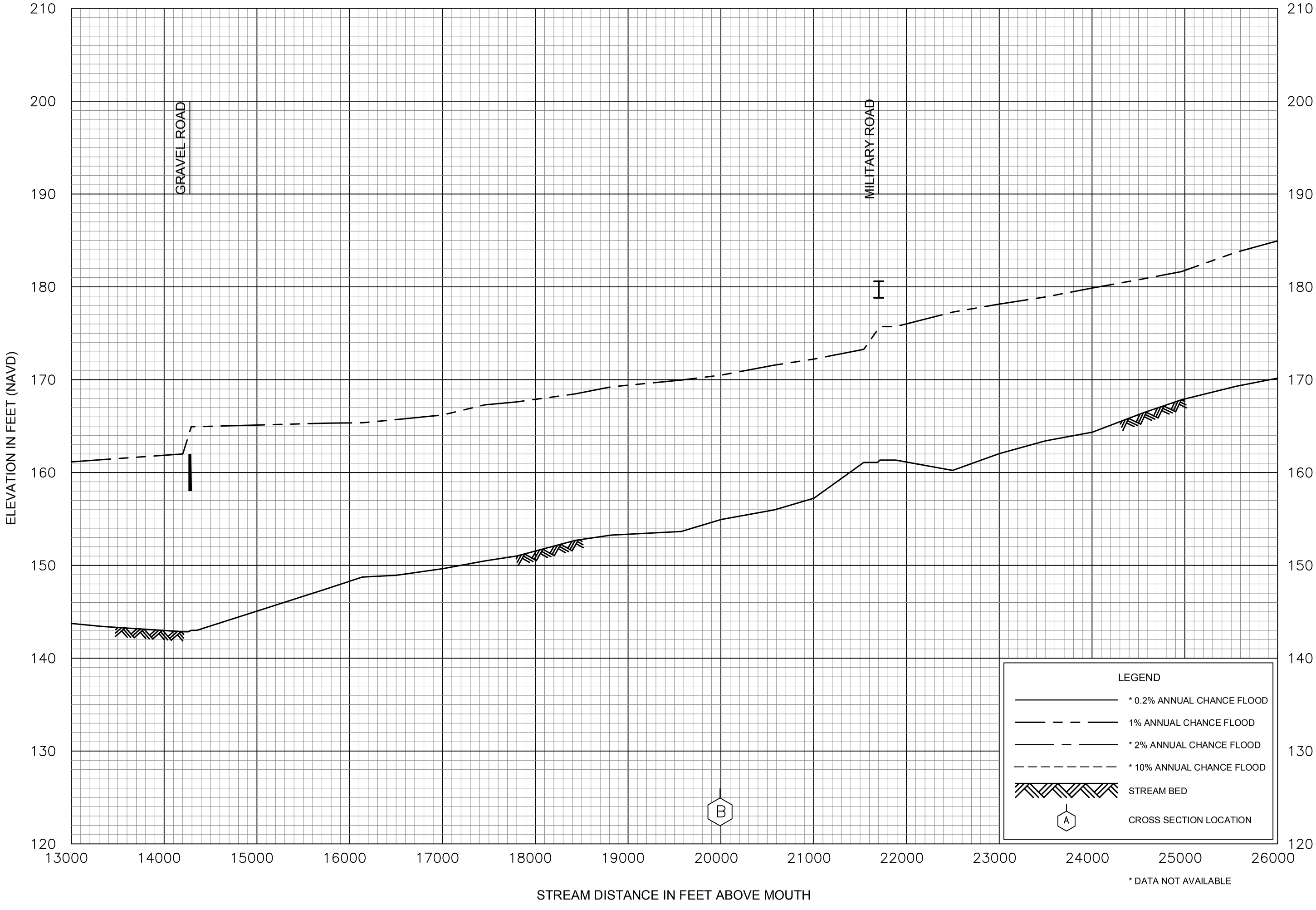
FLOOD PROFILES

JACKSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

144P



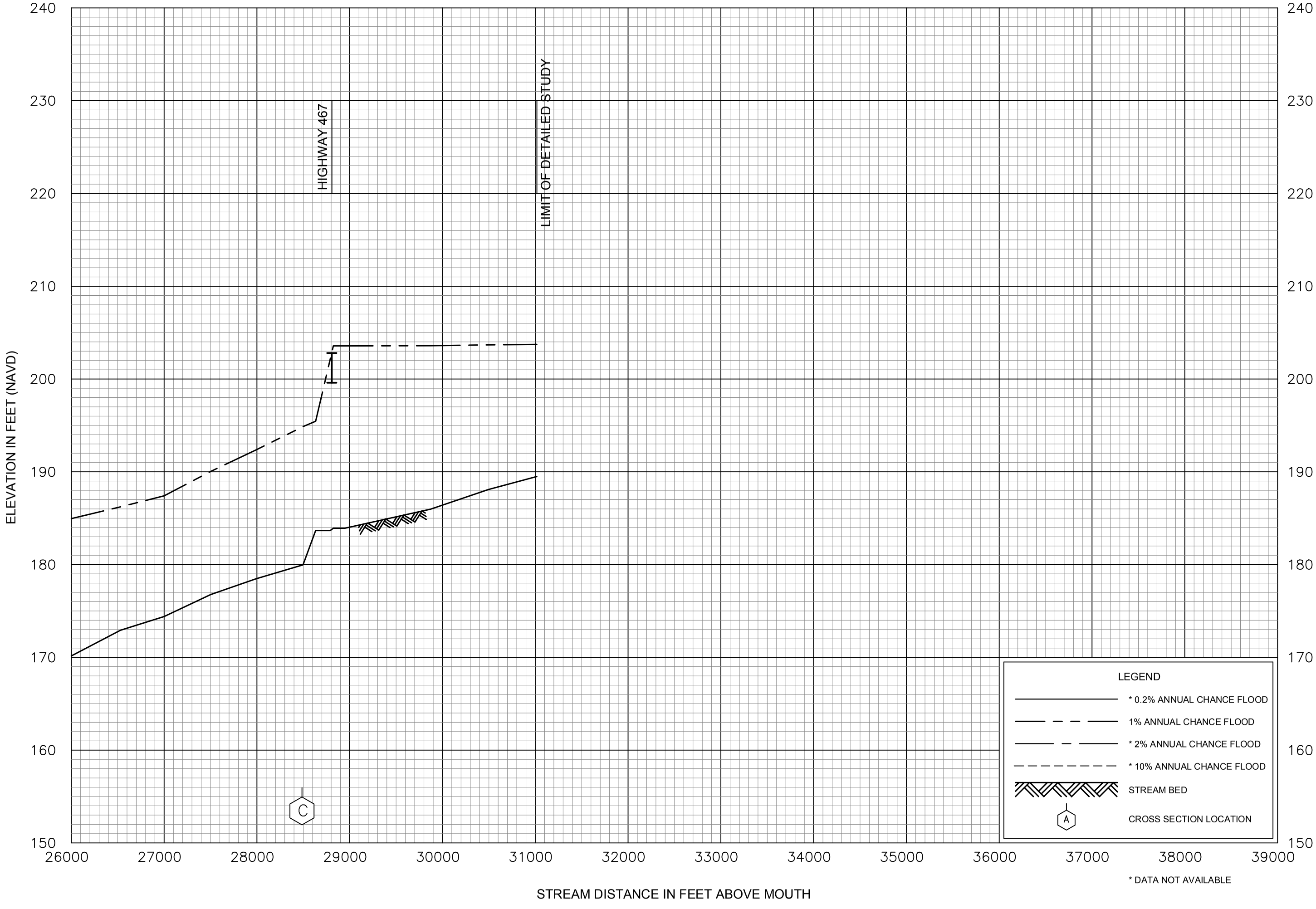
FLOOD PROFILES

JACKSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

145P



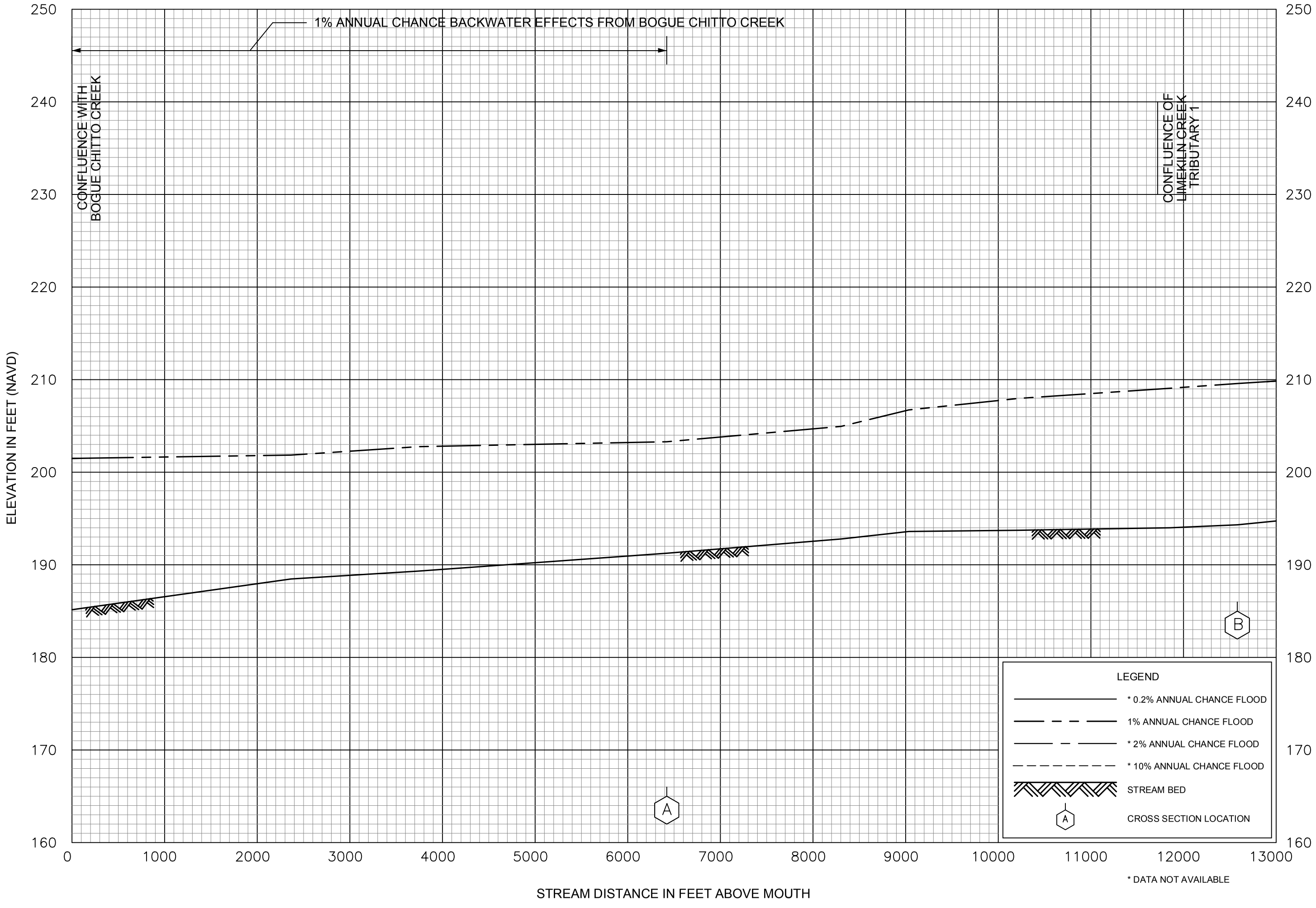
FLOOD PROFILES

JACKSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

146P



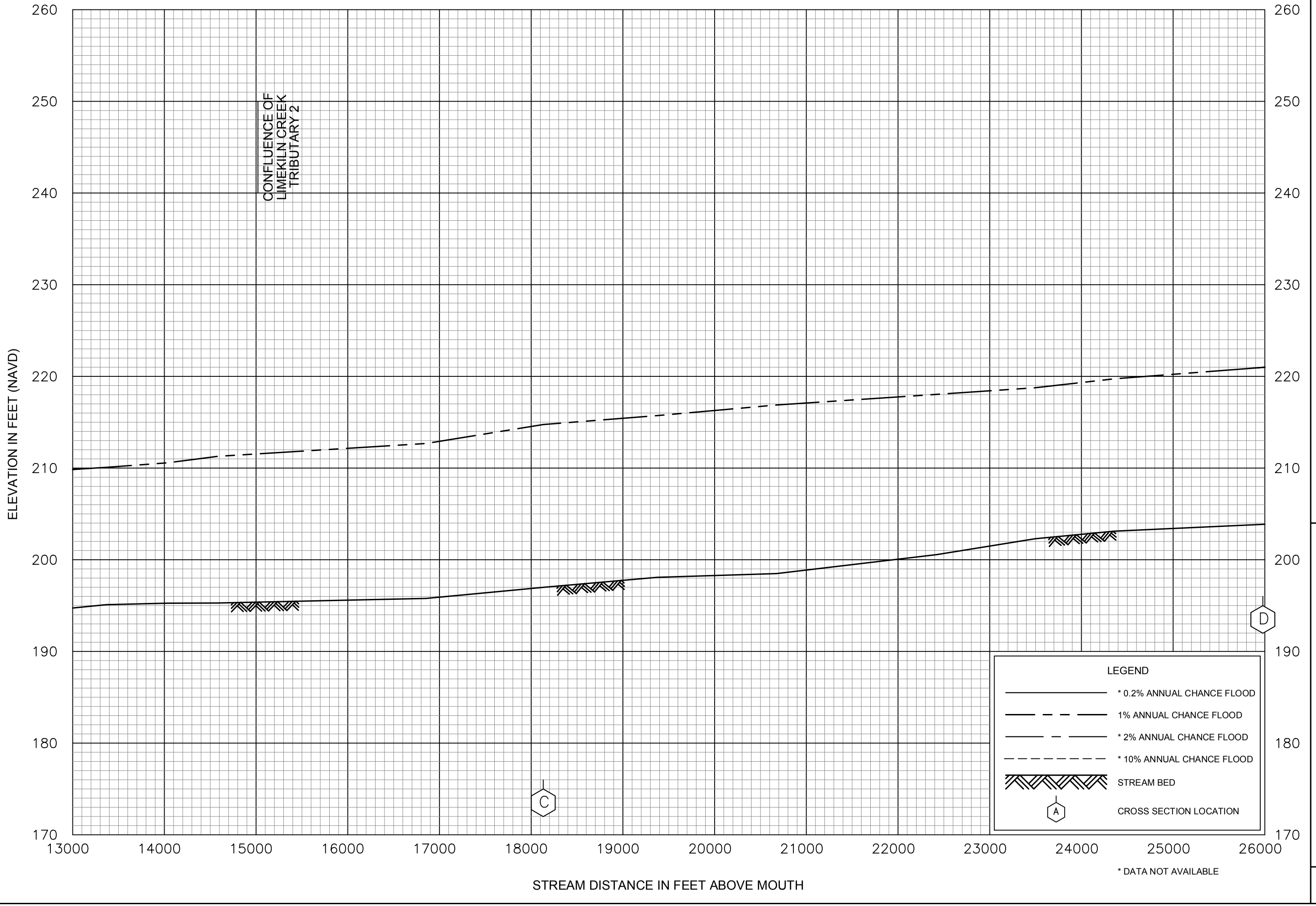
FLOOD PROFILES

LIMEKILN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

147P



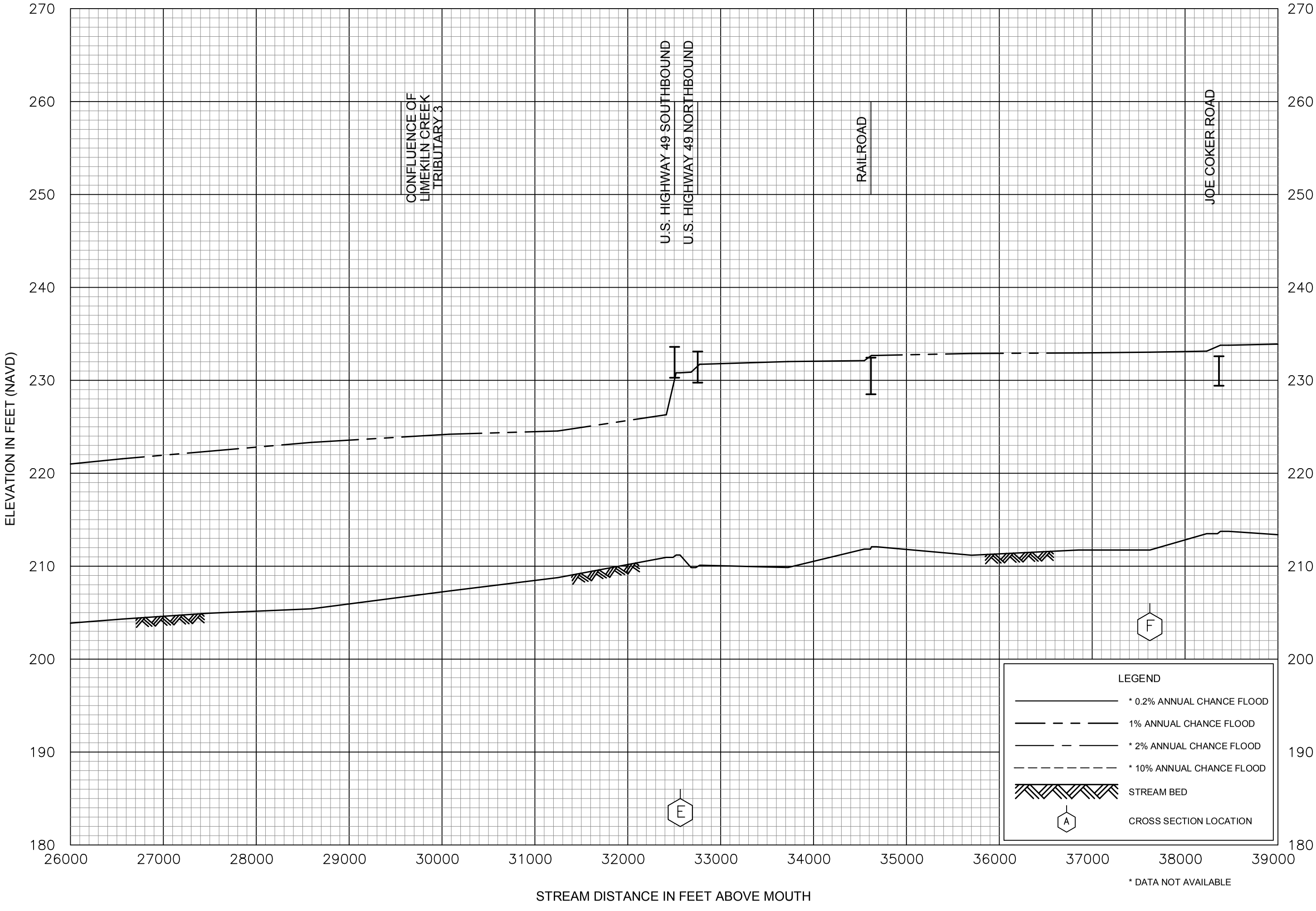
FLOOD PROFILES

LIMEKILN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

148P



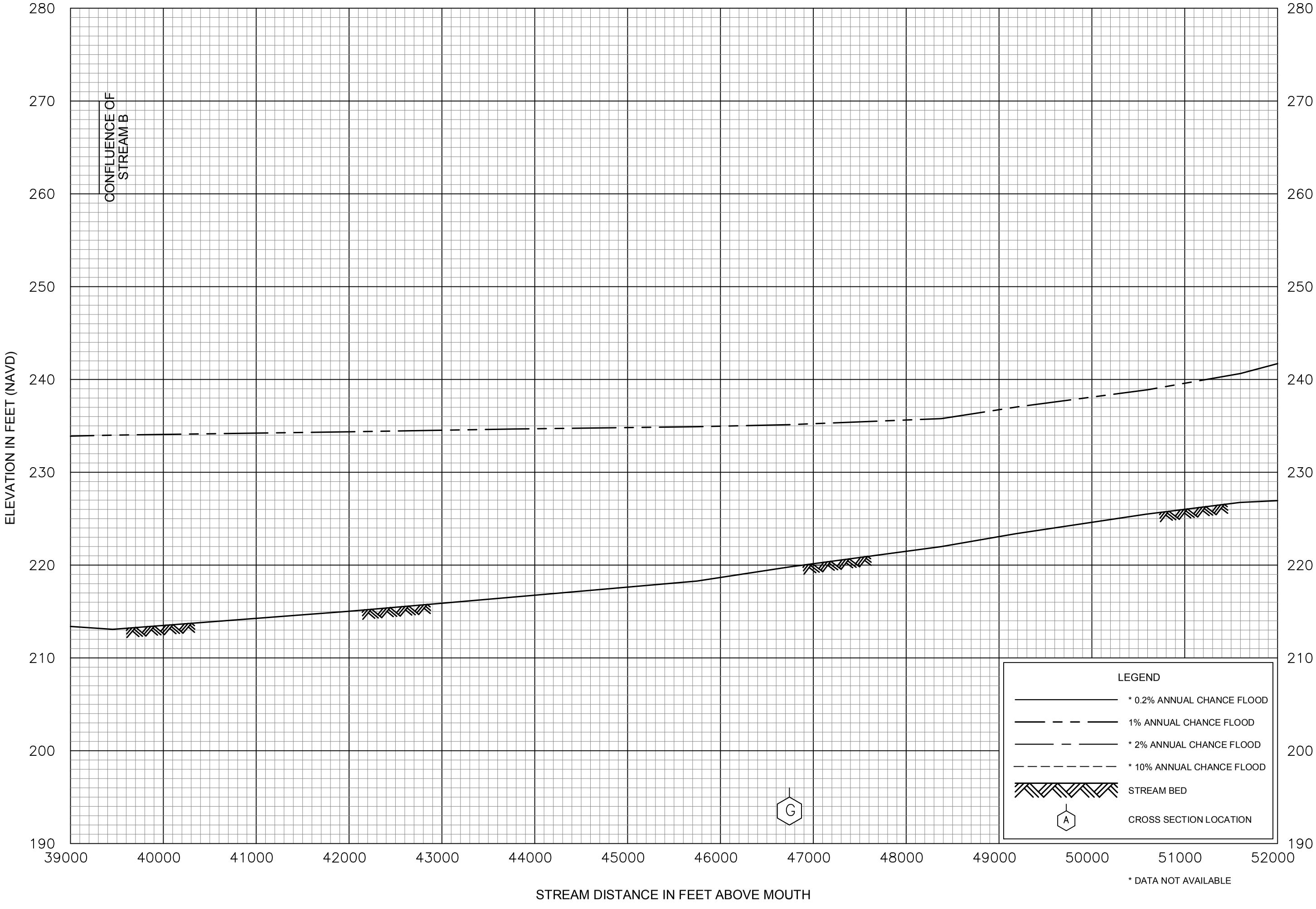
FLOOD PROFILES

LIMEKILN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

149P



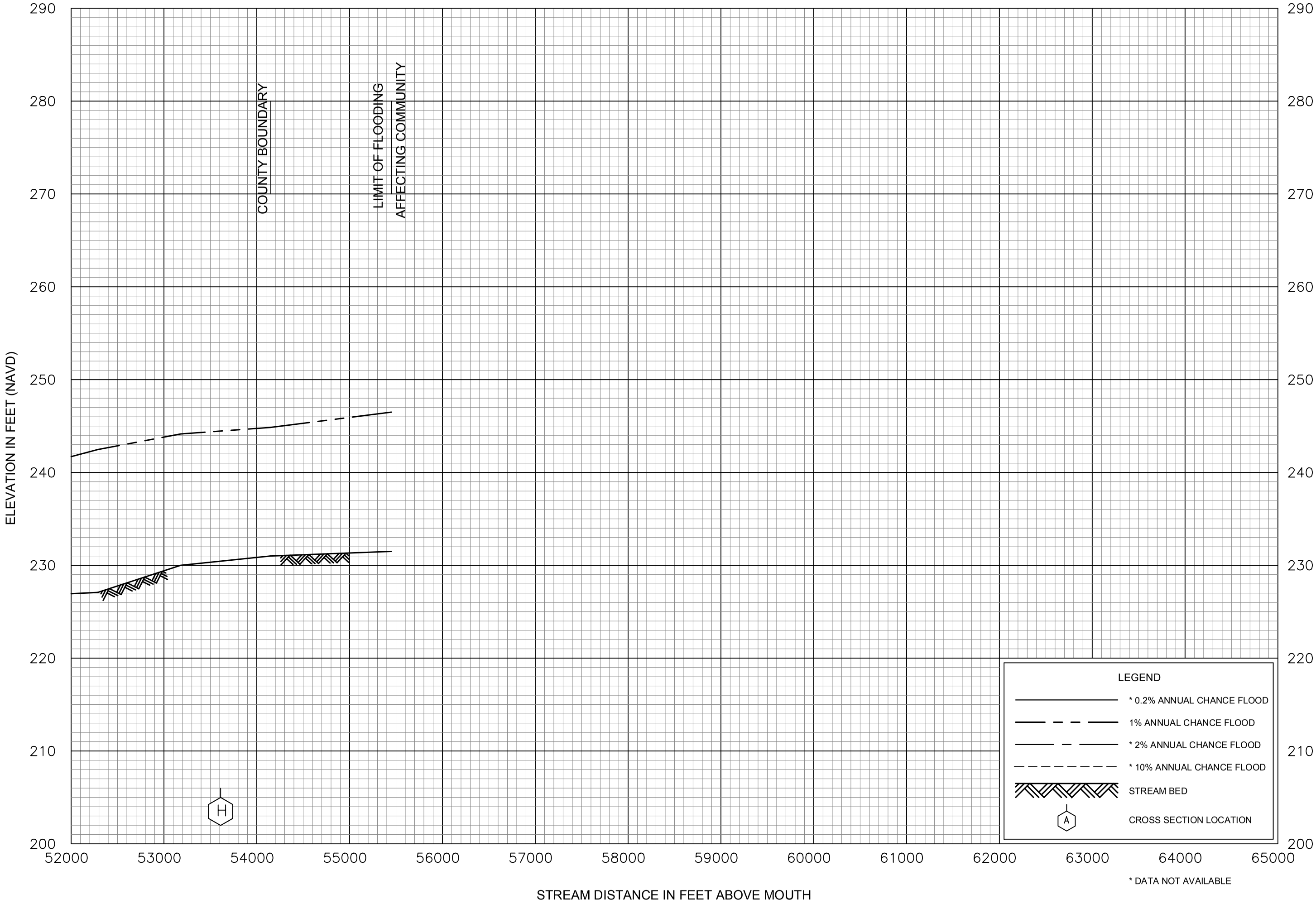
FLOOD PROFILES

LIMEKILN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

150P



* DATA NOT AVAILABLE

FLOOD PROFILES

LIMEKILN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

151P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM LIMEKILN CREEK

CONFLUENCE WITH LIMEKILN CREEK

CONFLUENCE OF LIMEKILN CREEK TRIBUTARY 1-1

ELEVATION IN FEET (NAVD)

260
250
240
230
220
210
200
190
180
170

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D

LEGEND

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

* DATA NOT AVAILABLE

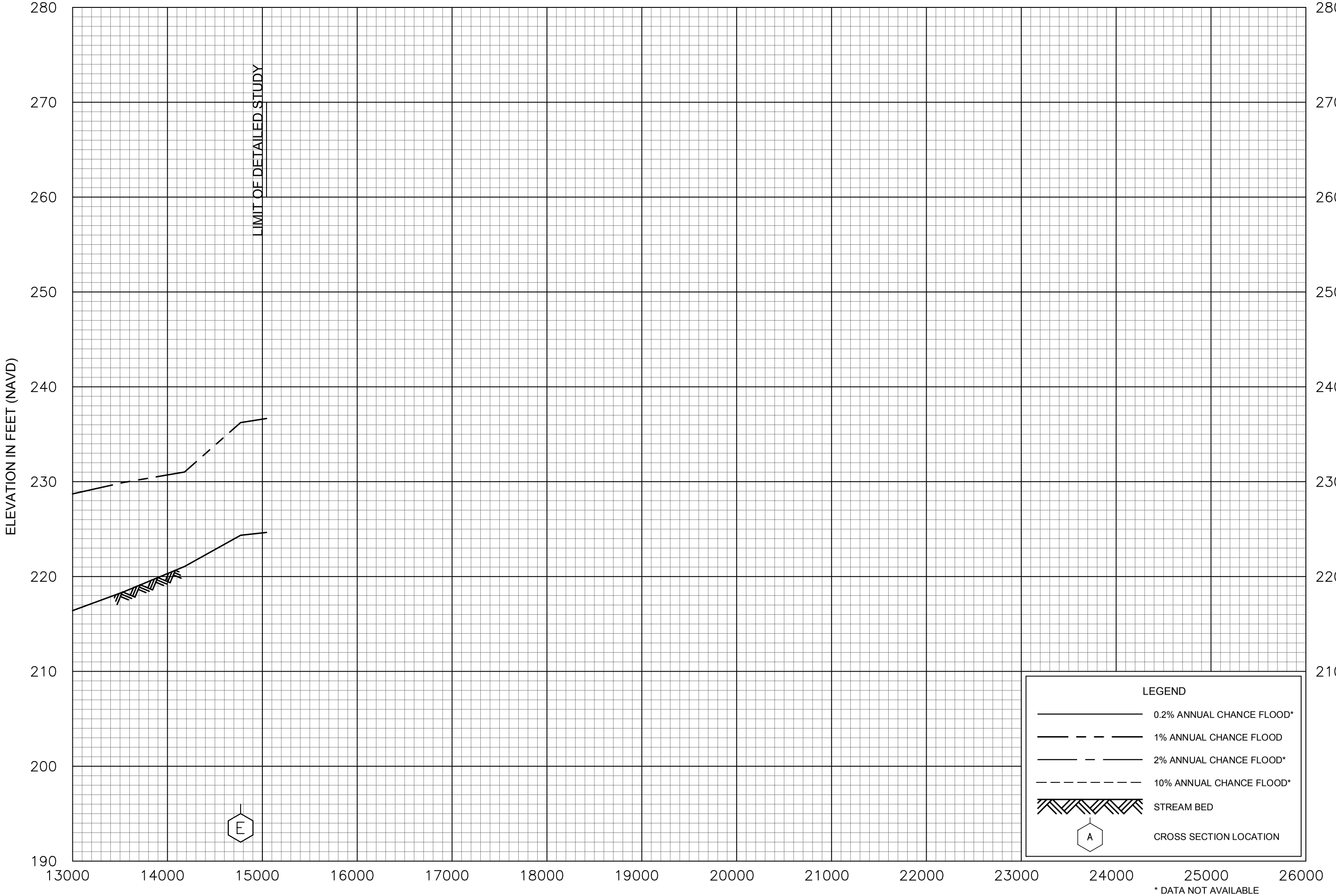
FLOOD PROFILES

LIMEKILN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

152P



FLOOD PROFILES

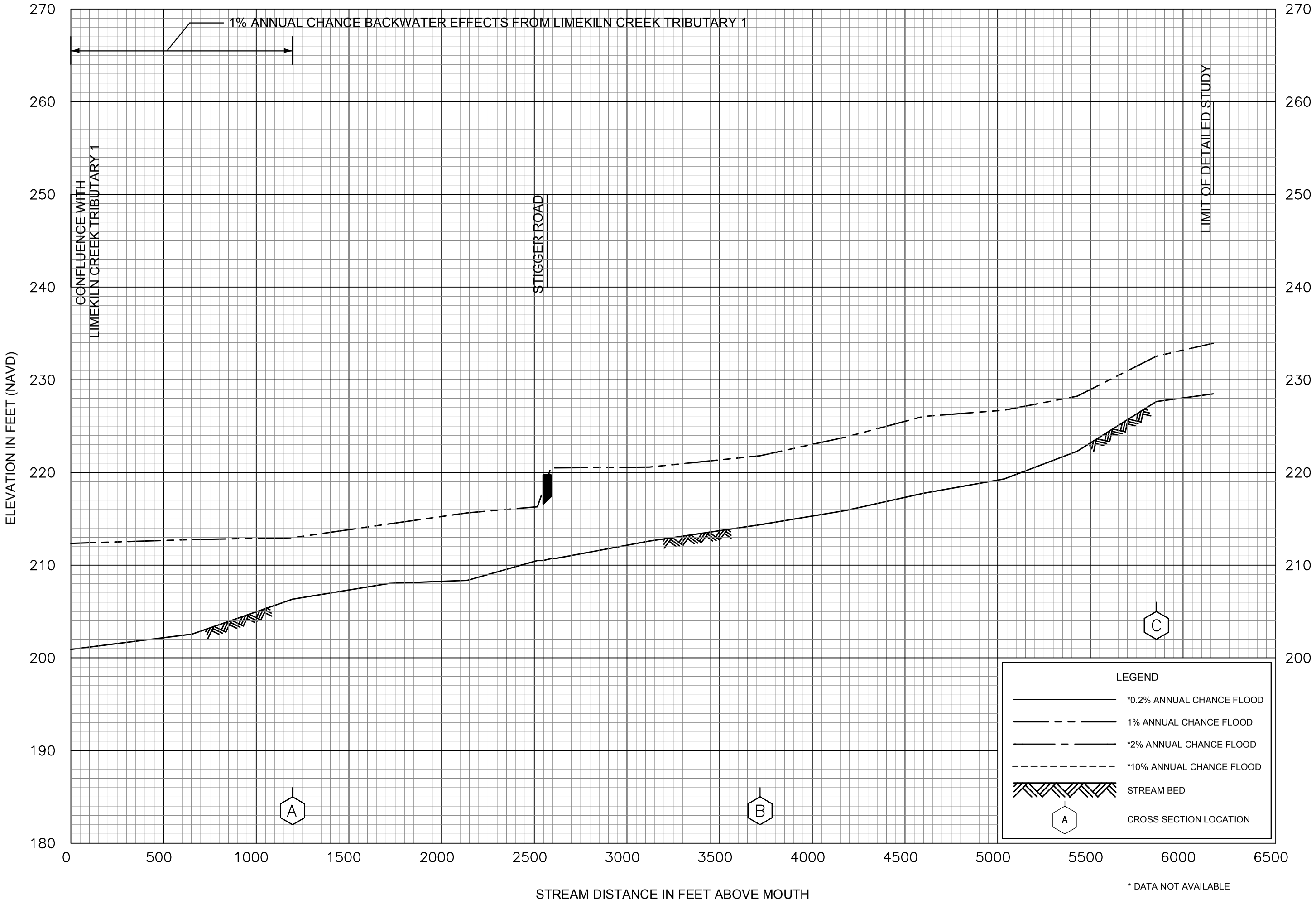
LIMEKILN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

153P



FLOOD PROFILES

LIMEKILN CREEK TRIBUTARY 1-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM LIMEKILN CREEK

CONFLUENCE WITH LIMEKILN CREEK

U.S. HIGHWAY 49

ELEVATION IN FEET (NAVD)

260
250
240
230
220
210
200
190
180
170

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A

B

LEGEND

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

* DATA NOT AVAILABLE

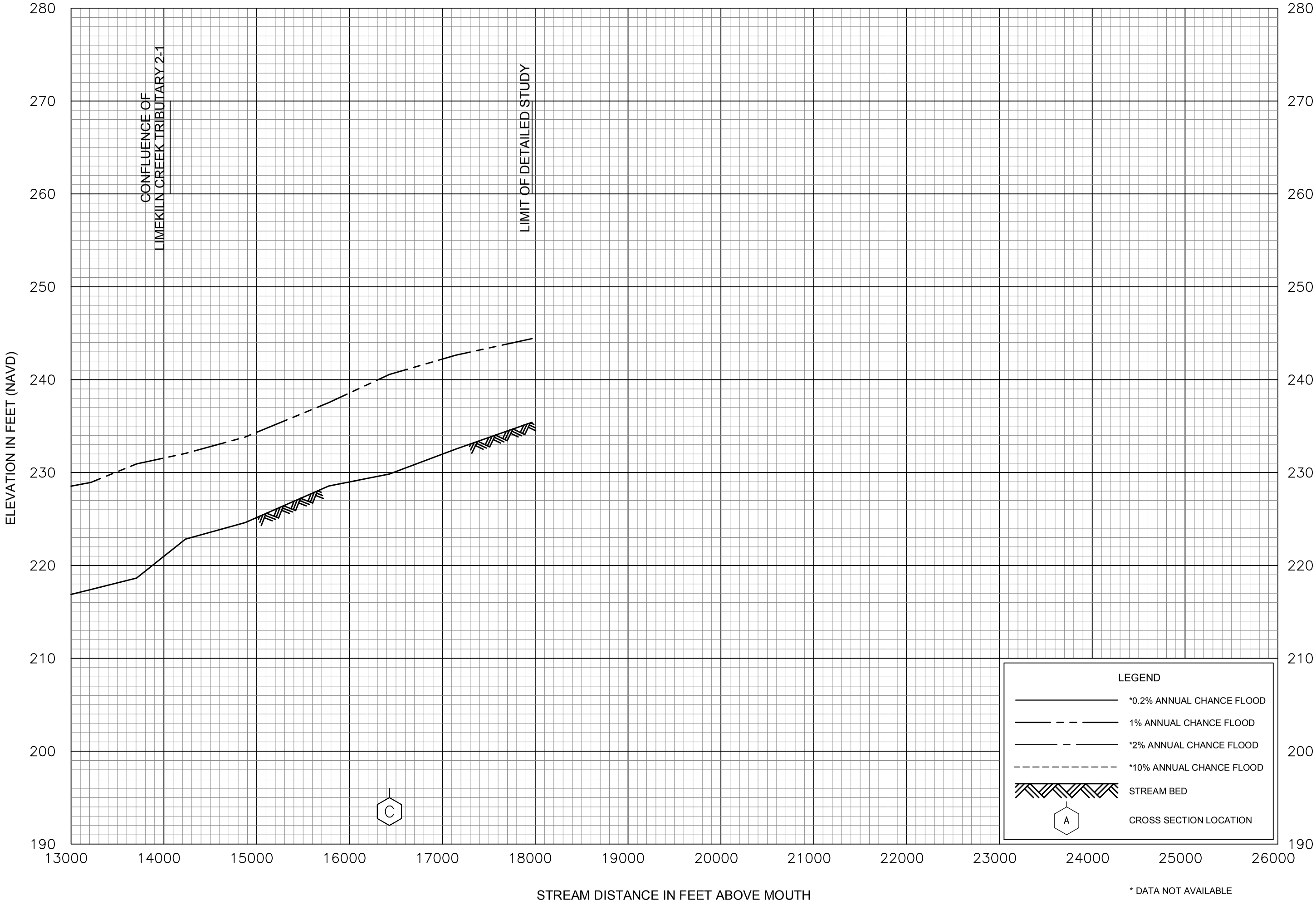
FLOOD PROFILES

LIMEKILN CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

155P



* DATA NOT AVAILABLE

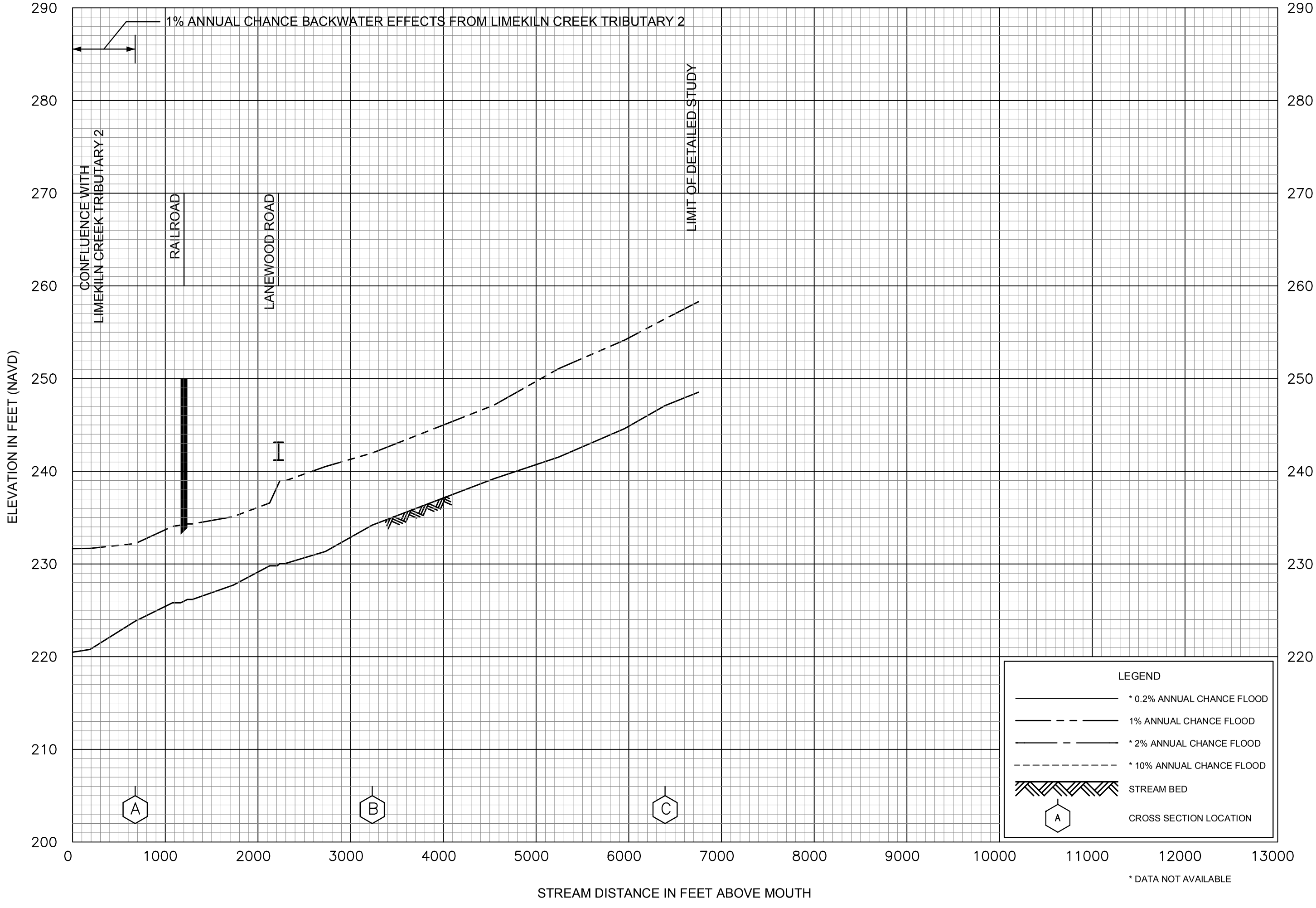
FLOOD PROFILES

LIMEKILN CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

156P

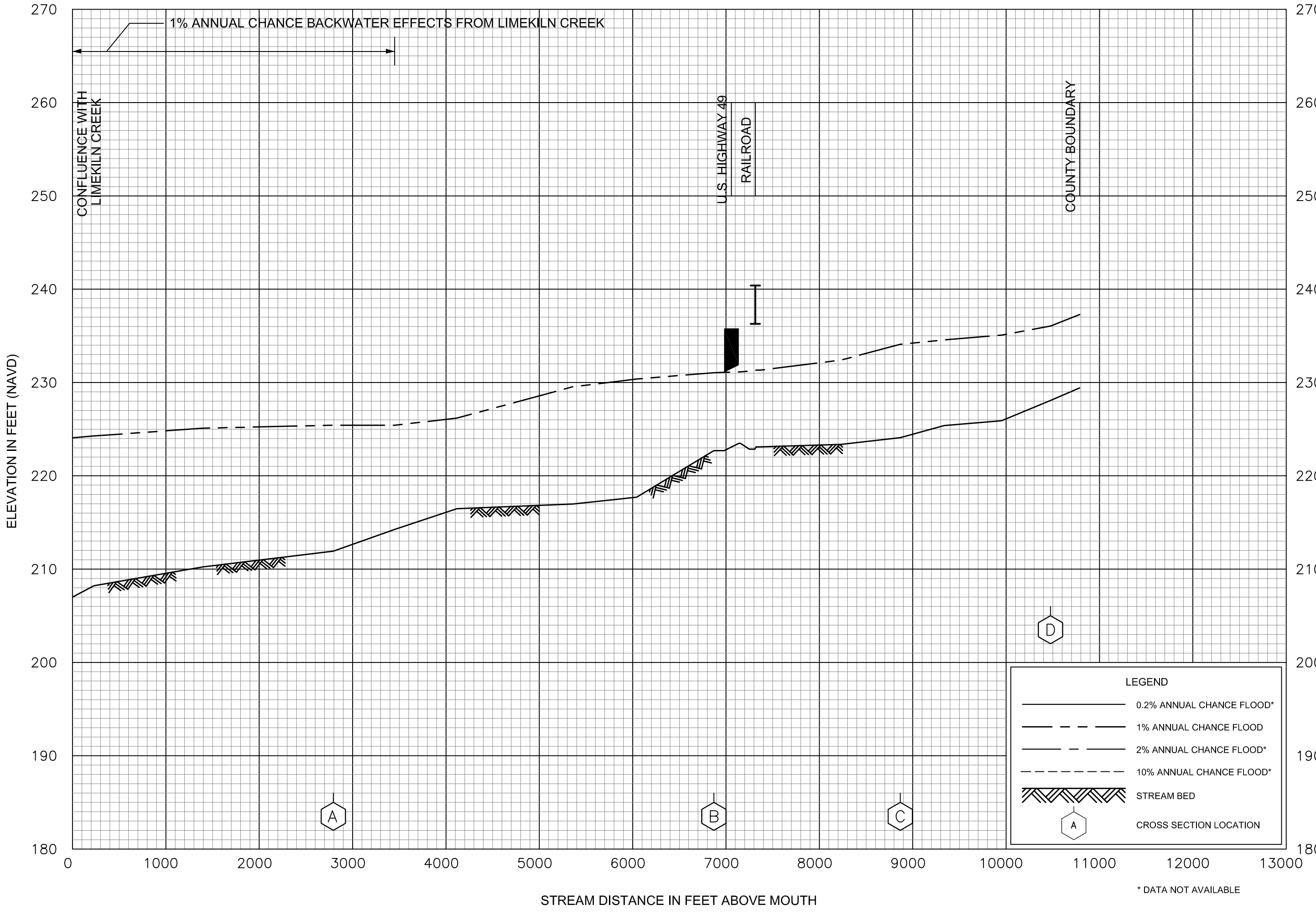


FLOOD PROFILES

LIMEKILN CREEK TRIBUTARY 2-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

LIMEKILN CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

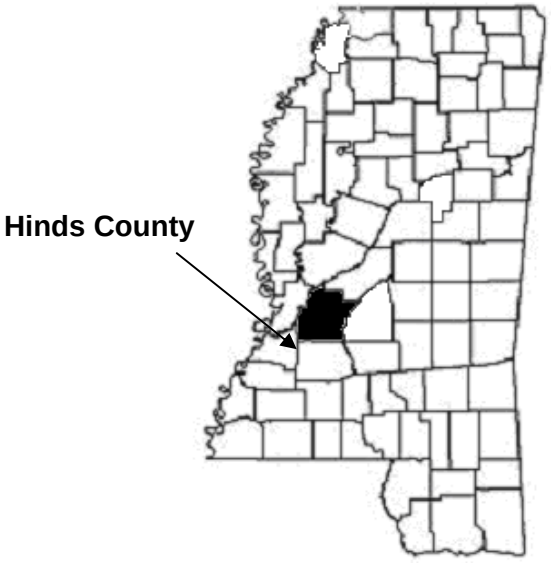
HINDS COUNTY, MS
AND INCORPORATED AREAS

158P

FLOOD INSURANCE STUDY

HINDS COUNTY, MISSISSIPPI
AND INCORPORATED AREAS

VOLUME 4 OF 5



COMMUNITY NAME	COMMUNITY NUMBER
BOLTON, TOWN OF	280216
CLINTON, CITY OF	280071
HINDS COUNTY (UNINCORPORATED AREAS)	280070
JACKSON, CITY OF	280072
RAYMOND, TOWN OF	280320
TERRY, TOWN OF	280073

EFFECTIVE:

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
28049CV004A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

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

Initial Countywide FIS Effective Date:

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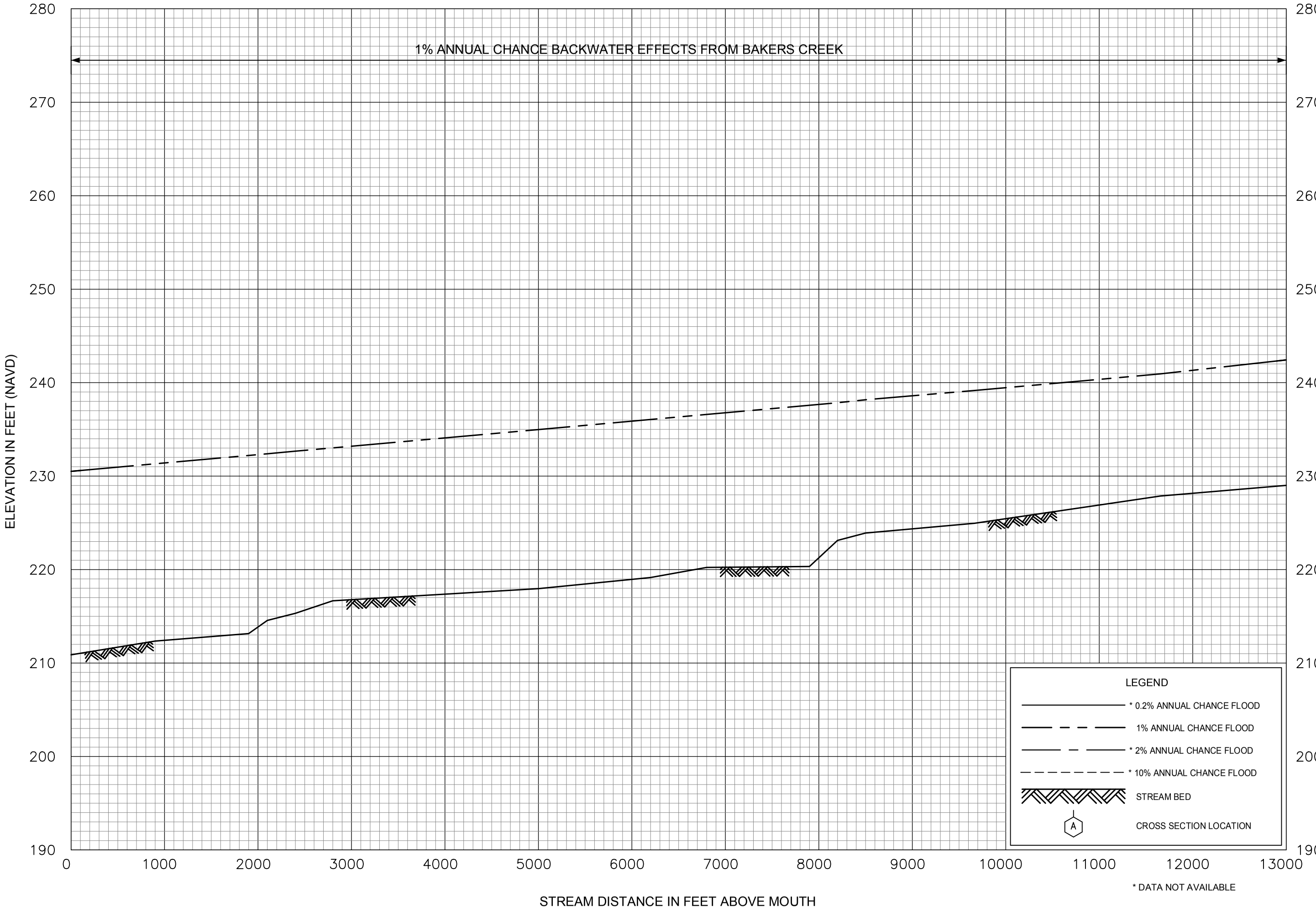
Flood Insurance Rate Map



FLOOD PROFILES

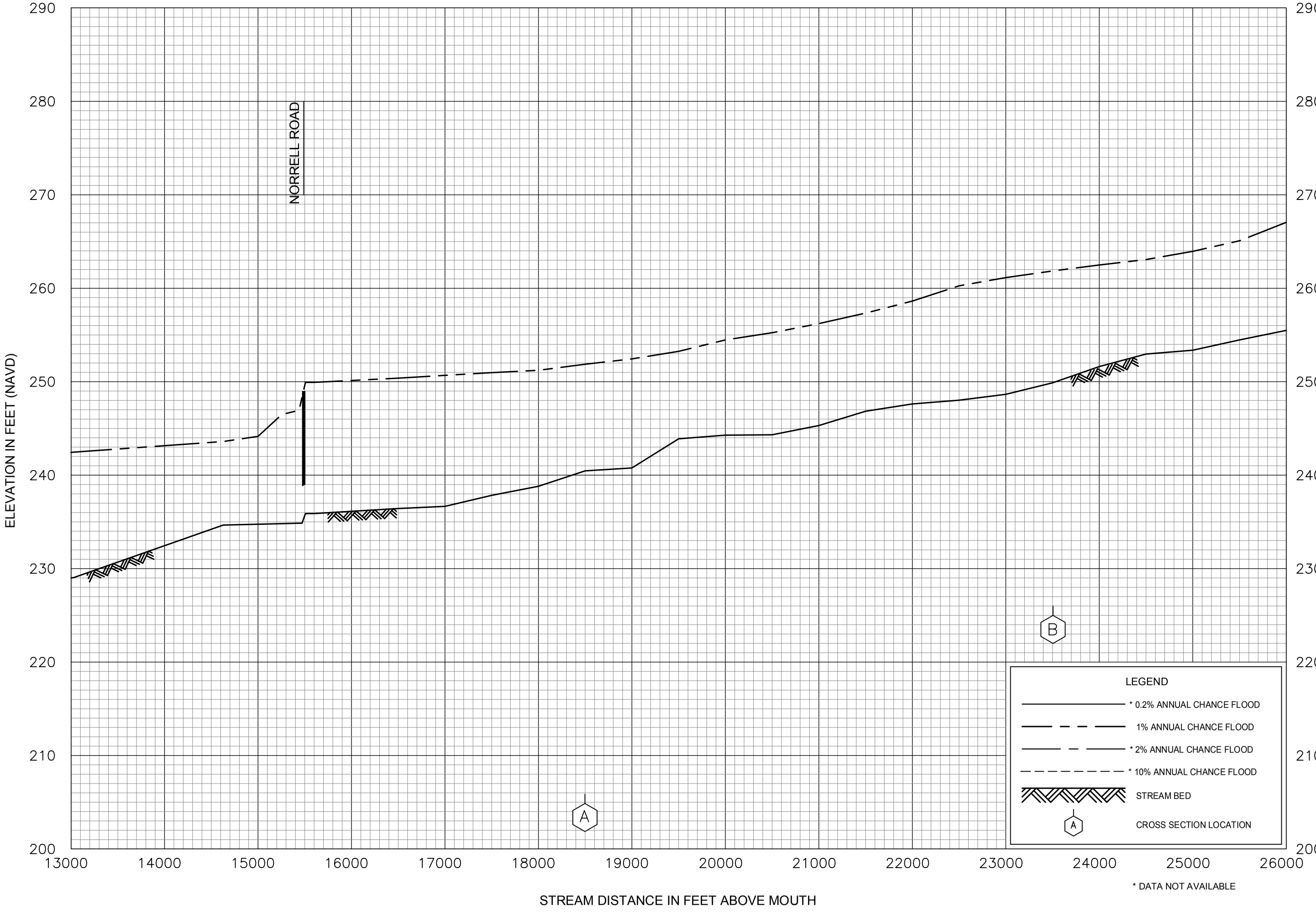
LINDSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

159P



FLOOD PROFILES

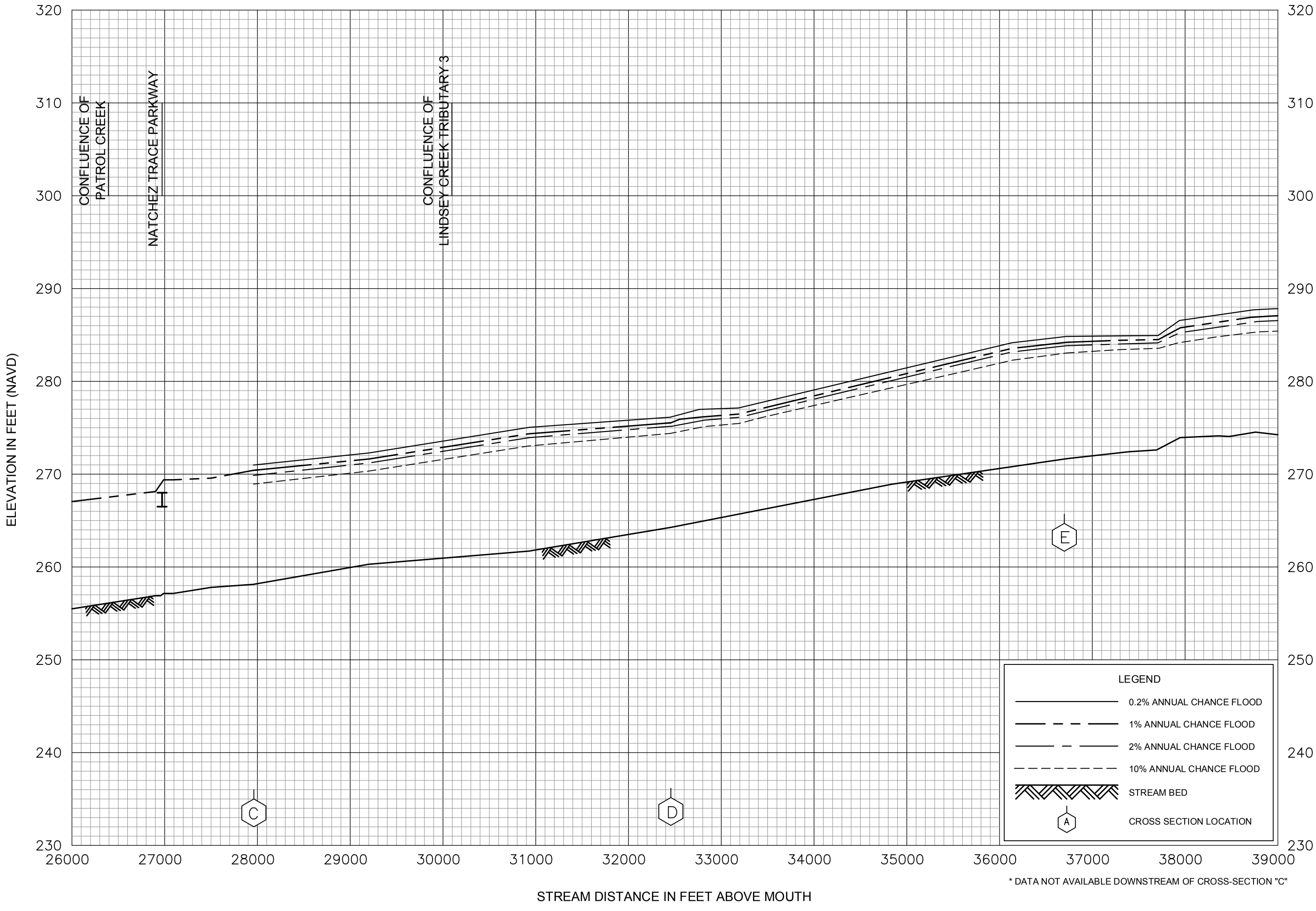
LINDSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

160P

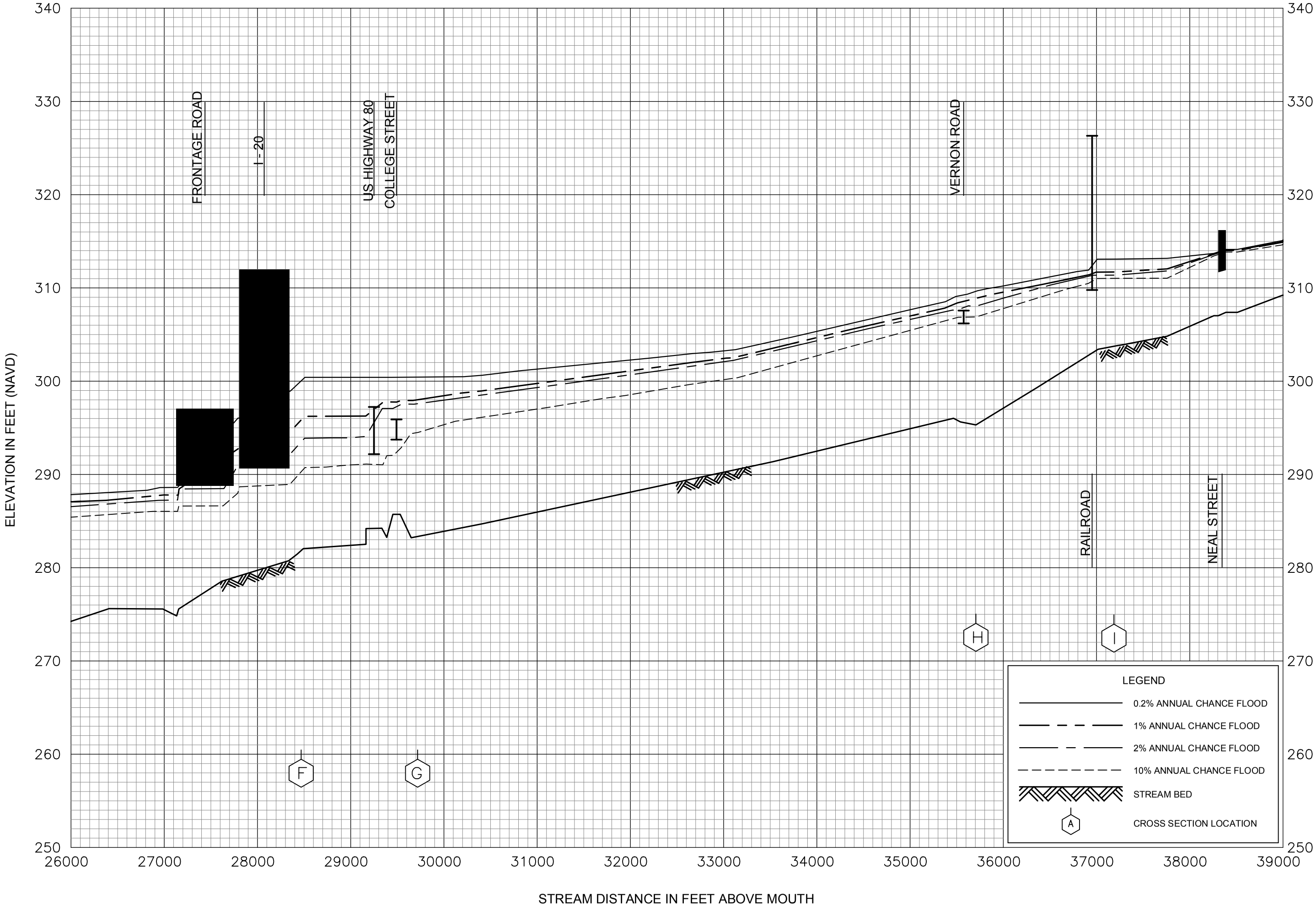


FLOOD PROFILES

LINDSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

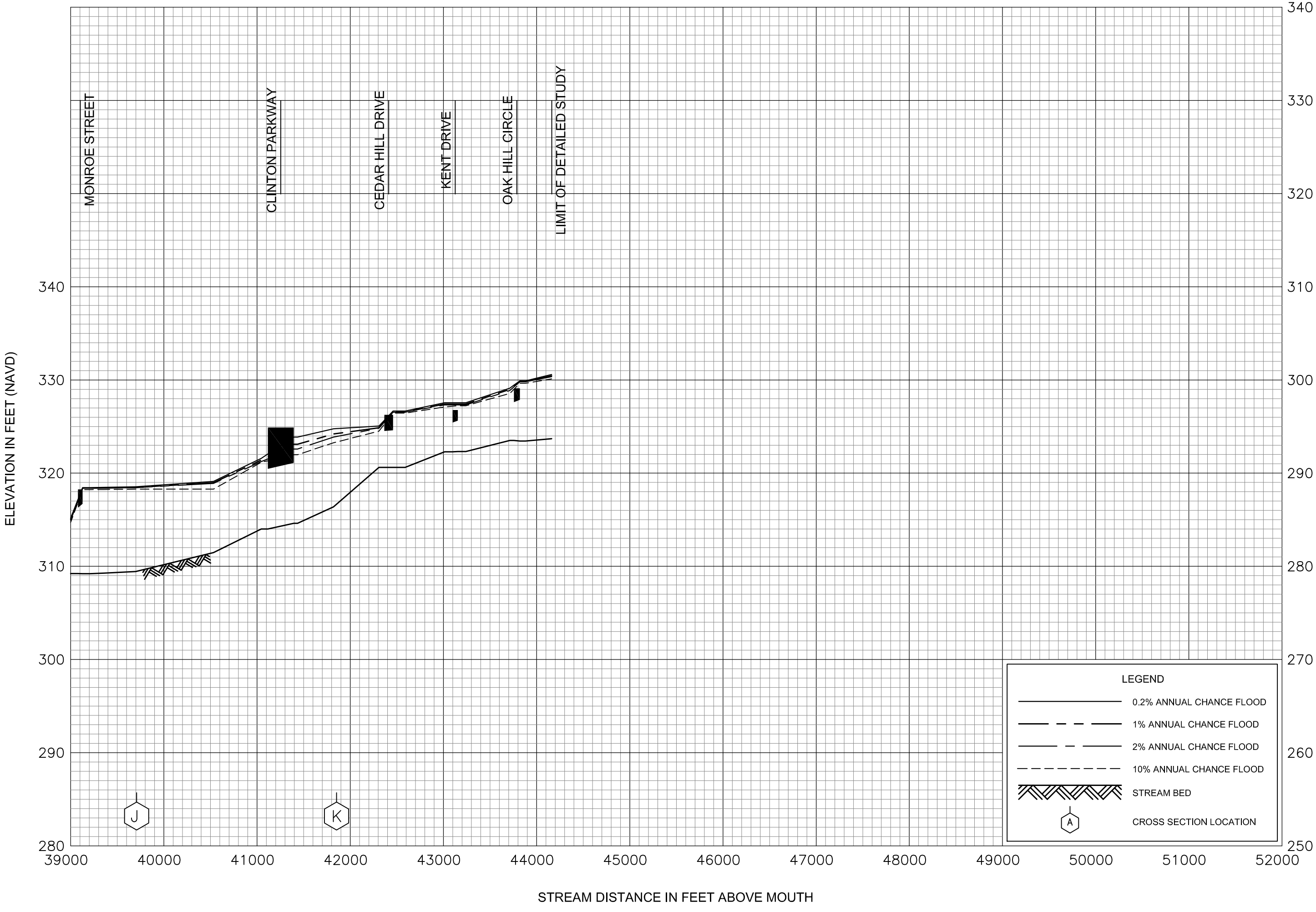


FLOOD PROFILES

LINDSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



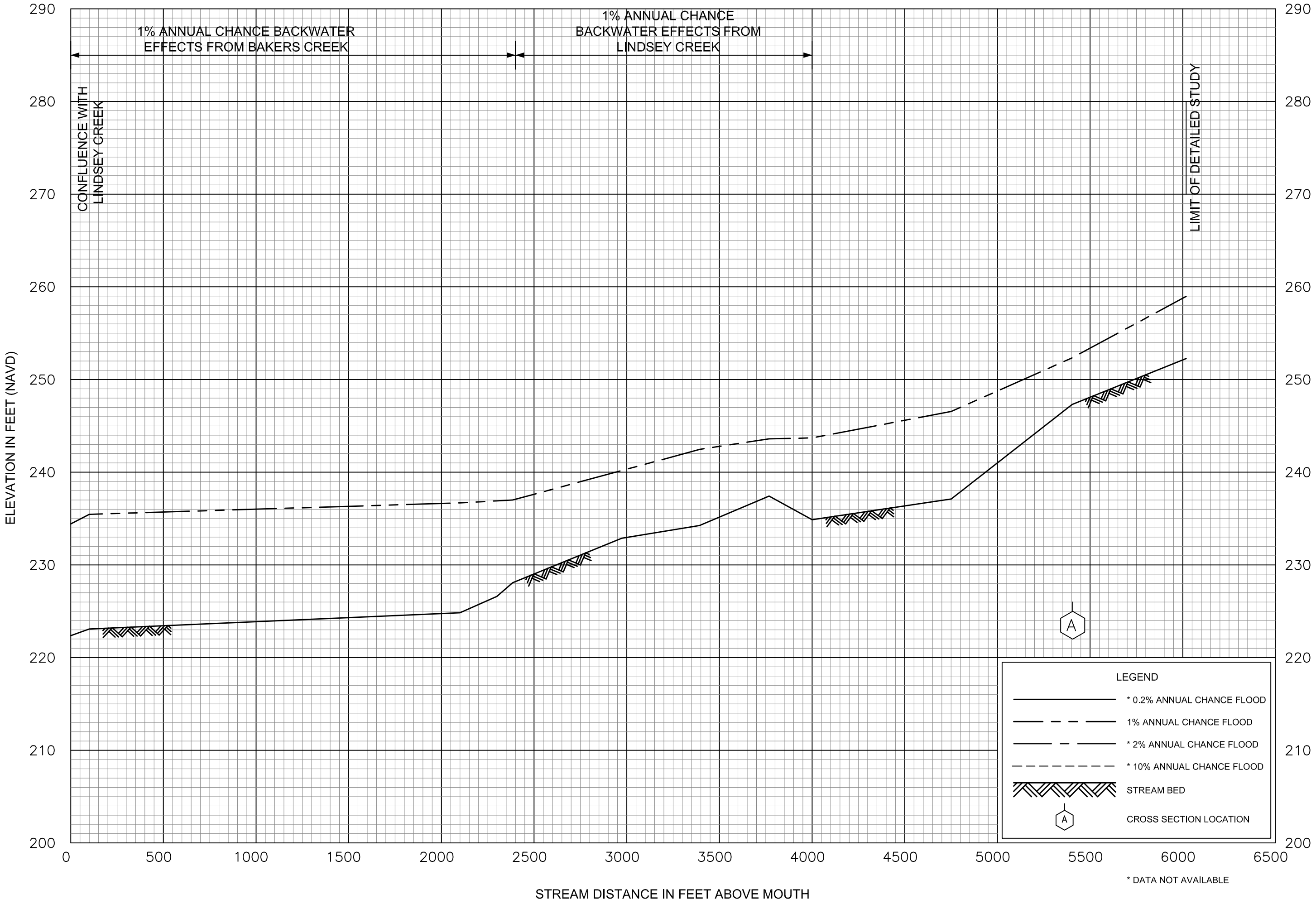
FLOOD PROFILES

LINDSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

163P



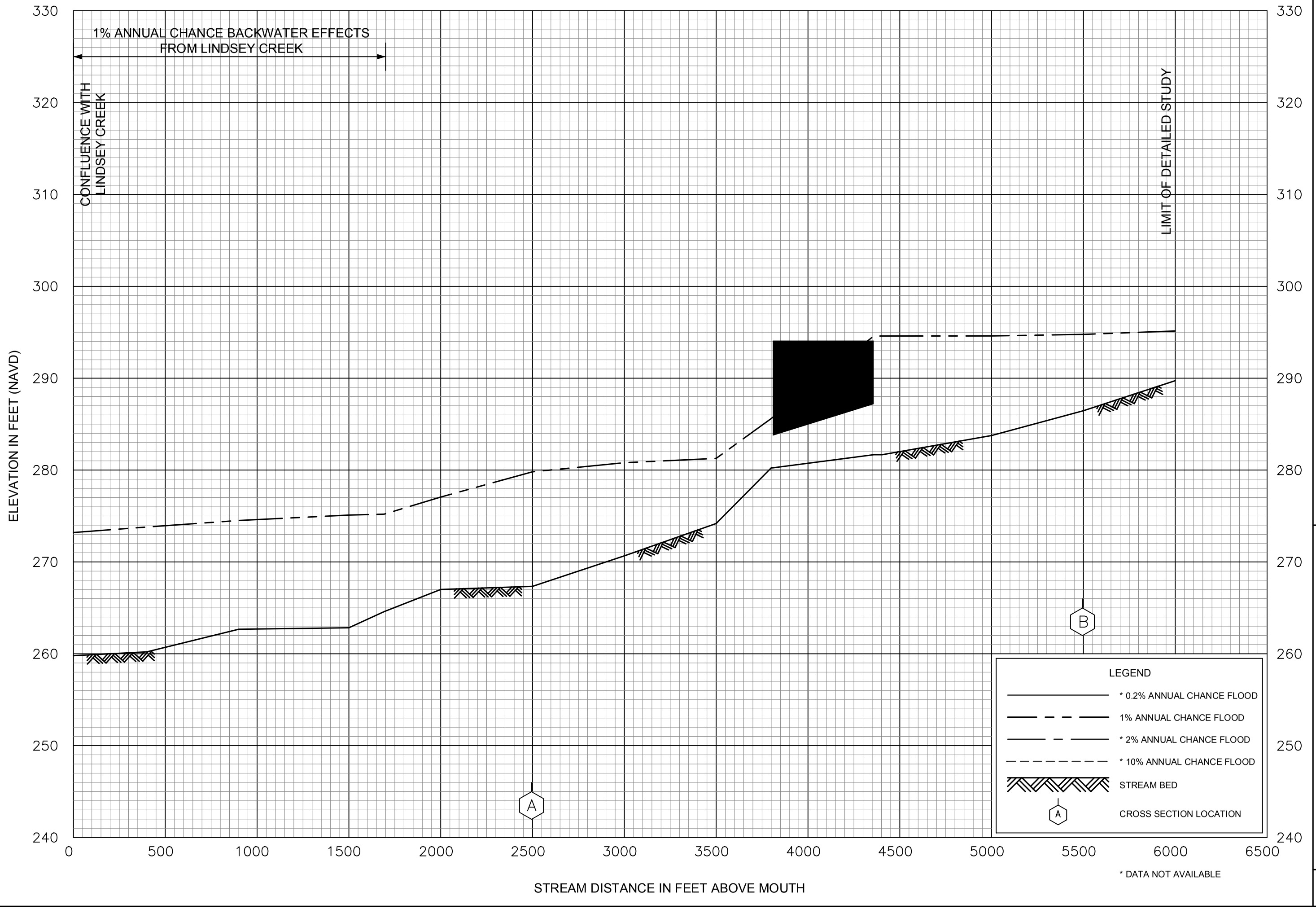
FLOOD PROFILES

LINDSEY CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

164P

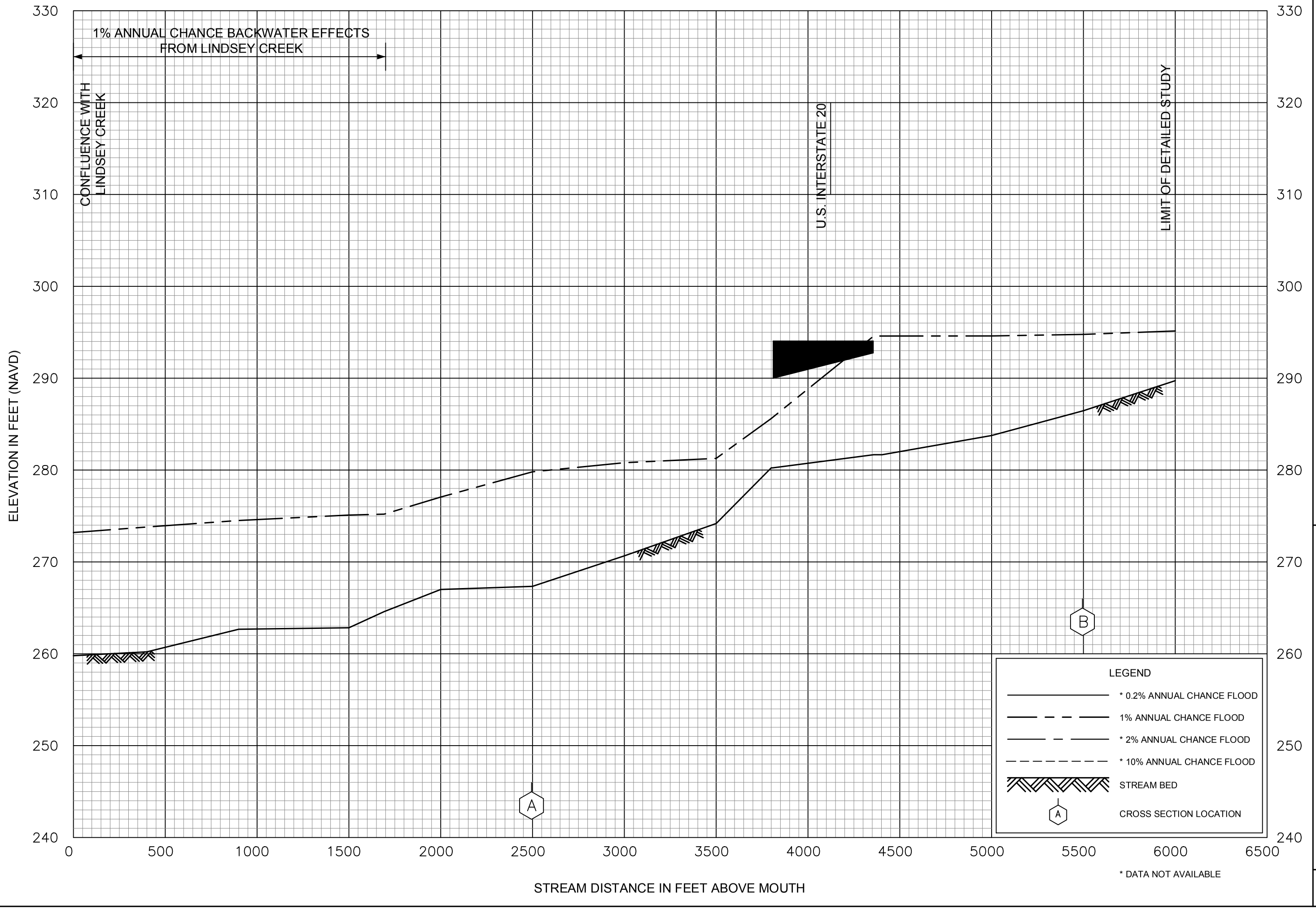


FLOOD PROFILES

LINDSEY CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



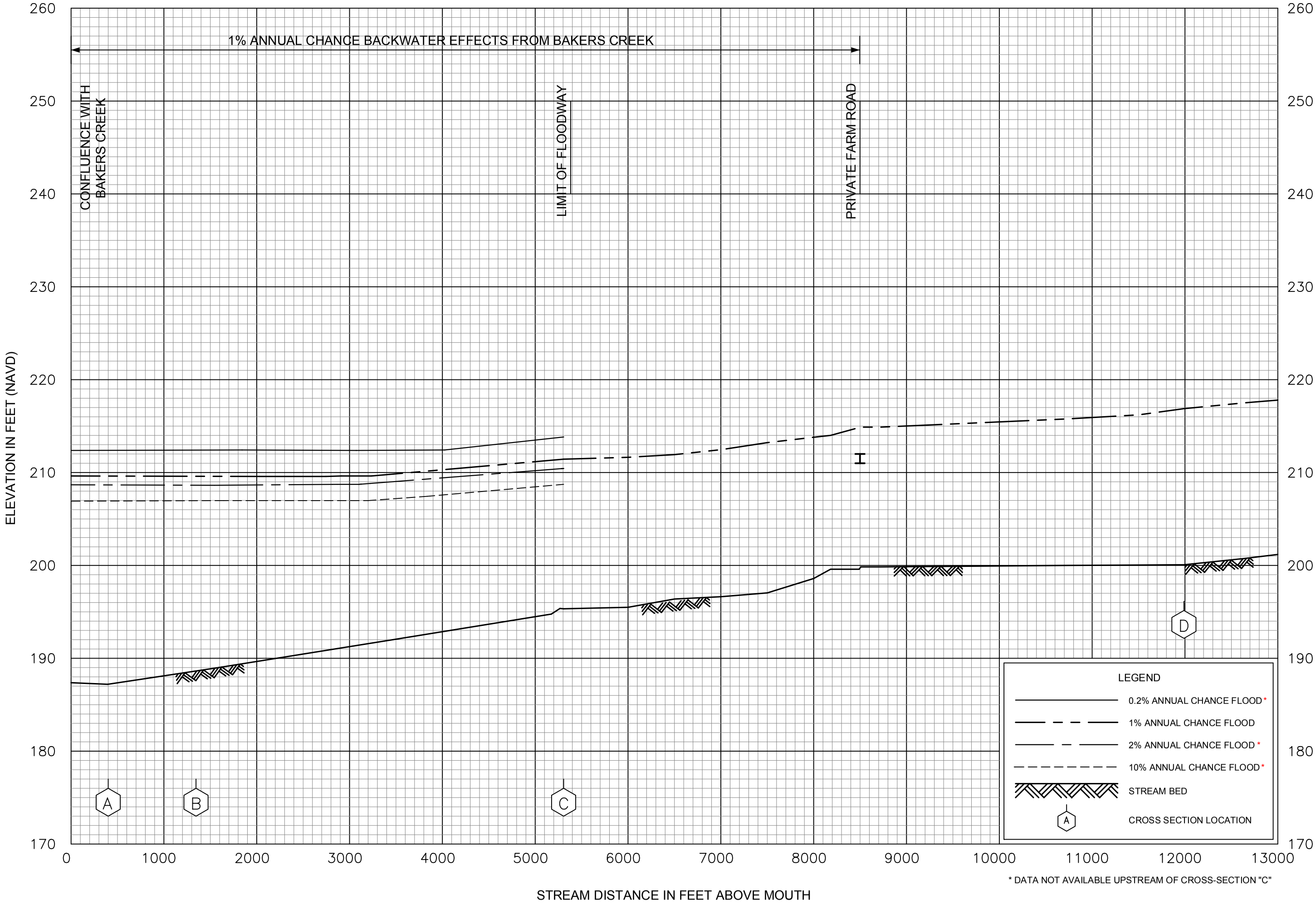
FLOOD PROFILES

LINDSEY CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

166P



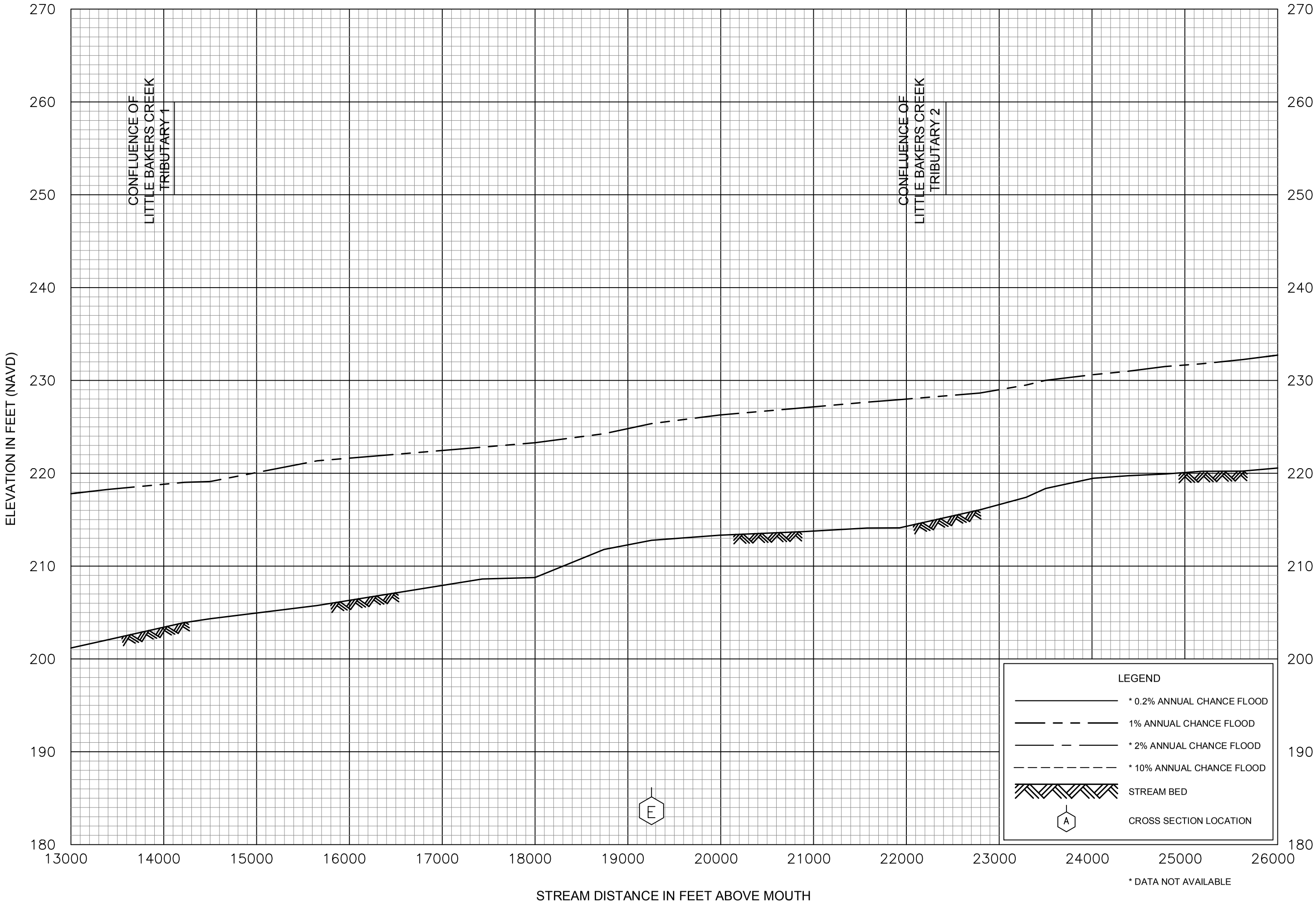
FLOOD PROFILES

LITTLE BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

167P



FLOOD PROFILES

LITTLE BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

168P

ELEVATION IN FEET (NAVD)

290
280
270
260
250
240
230
220
210
200

OLD HIGHWAY 80
I-20 EAST BOUND
I-20 WEST BOUND
RAILROAD
S NORRELL RD
CONFLUENCE OF LITTLE BAKERS CREEK TRIBUTARY 3
WILLIAMSON ROAD

F

LEGEND

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

* DATA NOT AVAILABLE

26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000

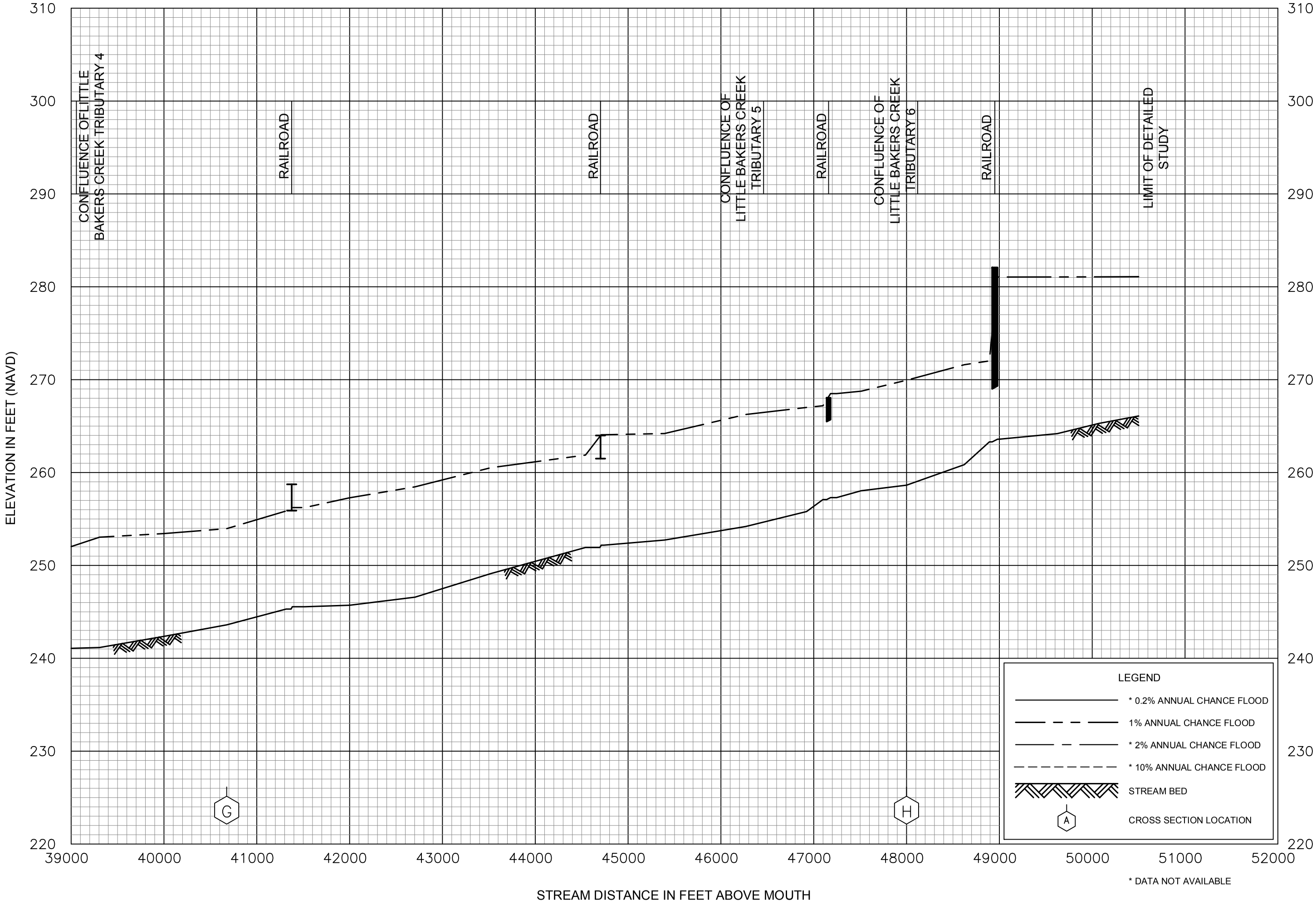
STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES

LITTLE BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

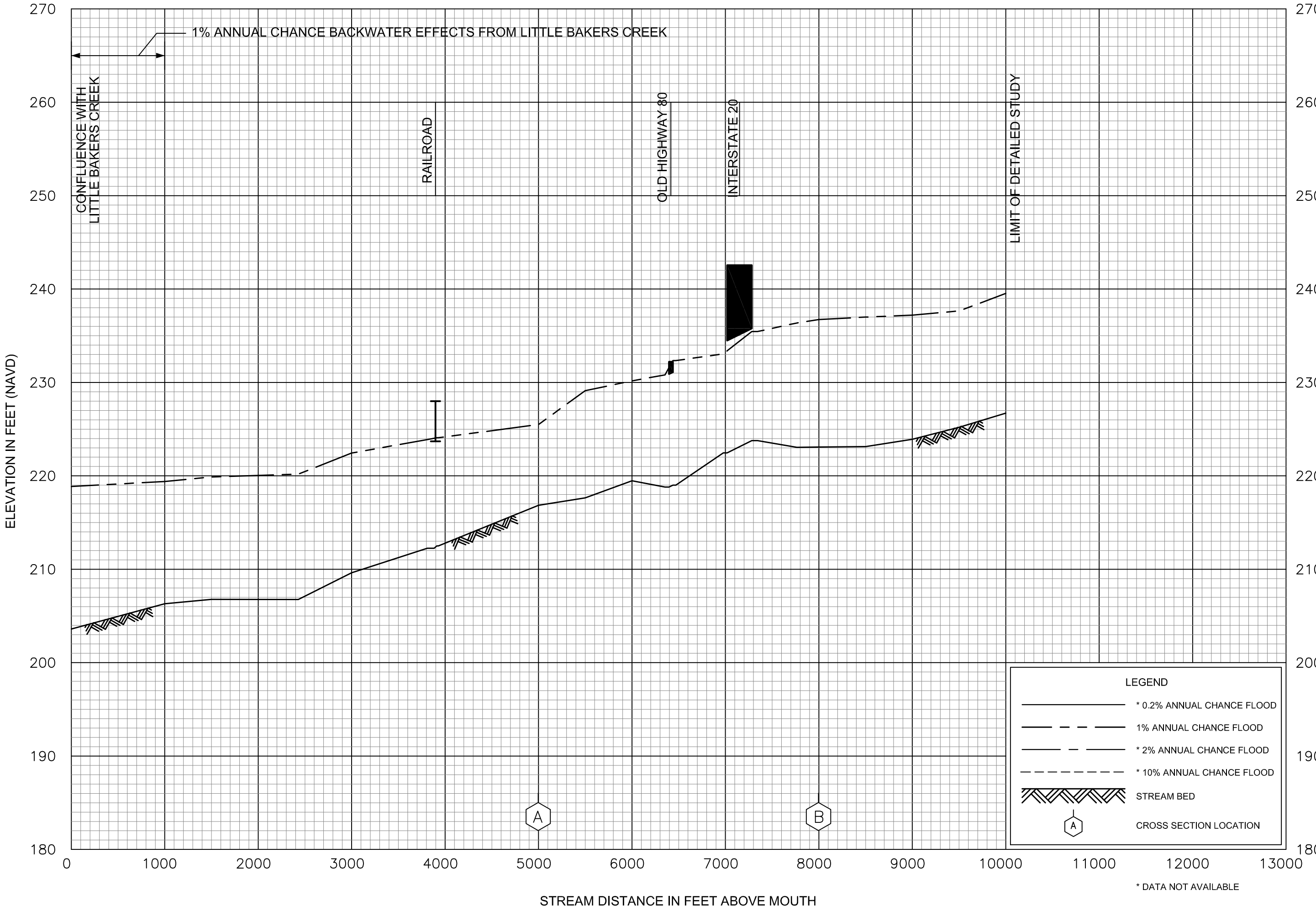
LITTLE BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

170P



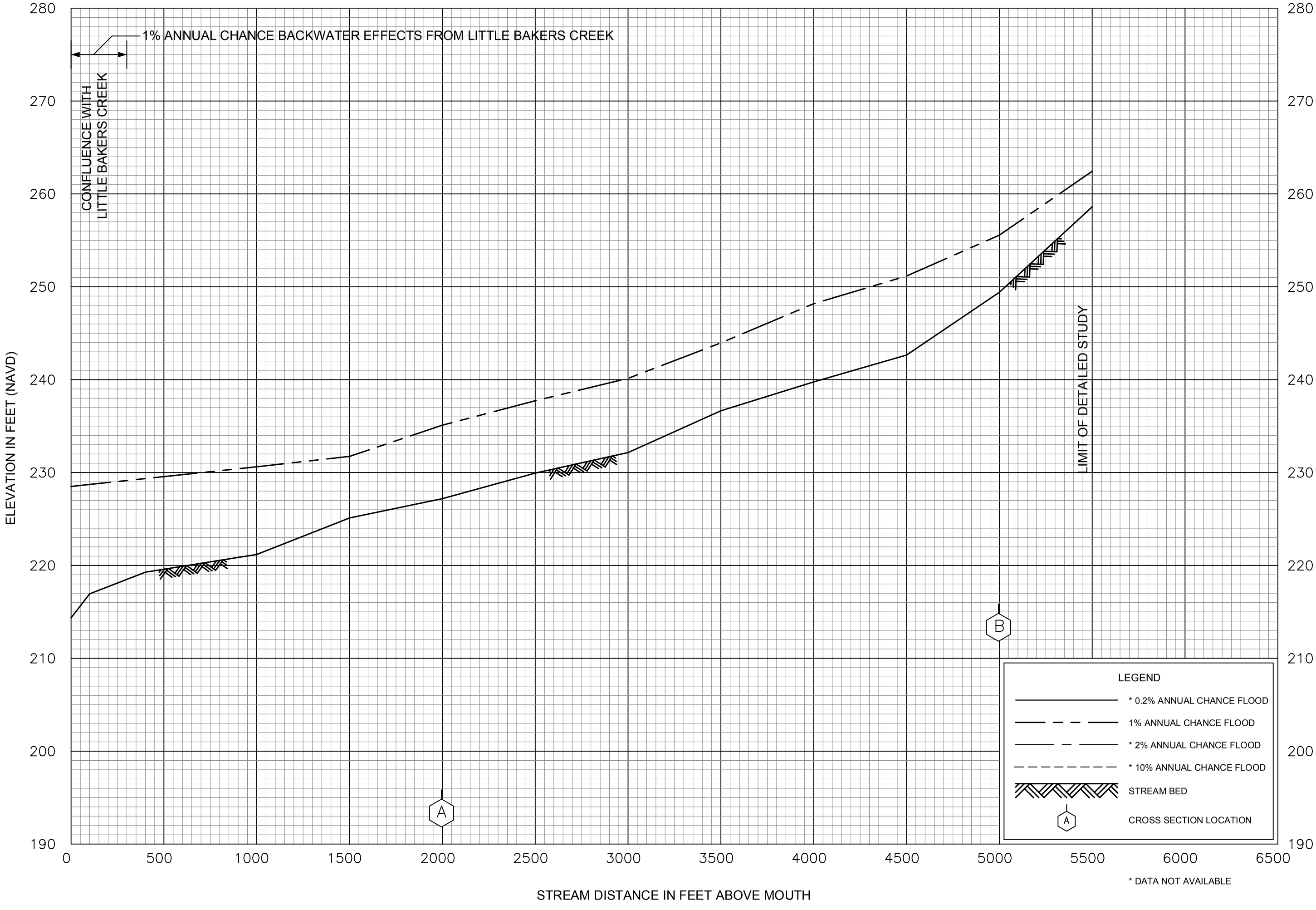
FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

171P



FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

172P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM LITTLE BAKERS CREEK

CONFLUENCE WITH LITTLE BAKERS CREEK

RAILROAD

WILLIAMSON ROAD

CONFLUENCE OF LITTLE BAKERS CREEK TRIBUTARY 3-1

I-20 N. FRONTAGE RD

I-20 WEST BOUND

I-20 EAST BOUND

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD)

310
300
290
280
270
260
250
240
230
220

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B

LEGEND

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

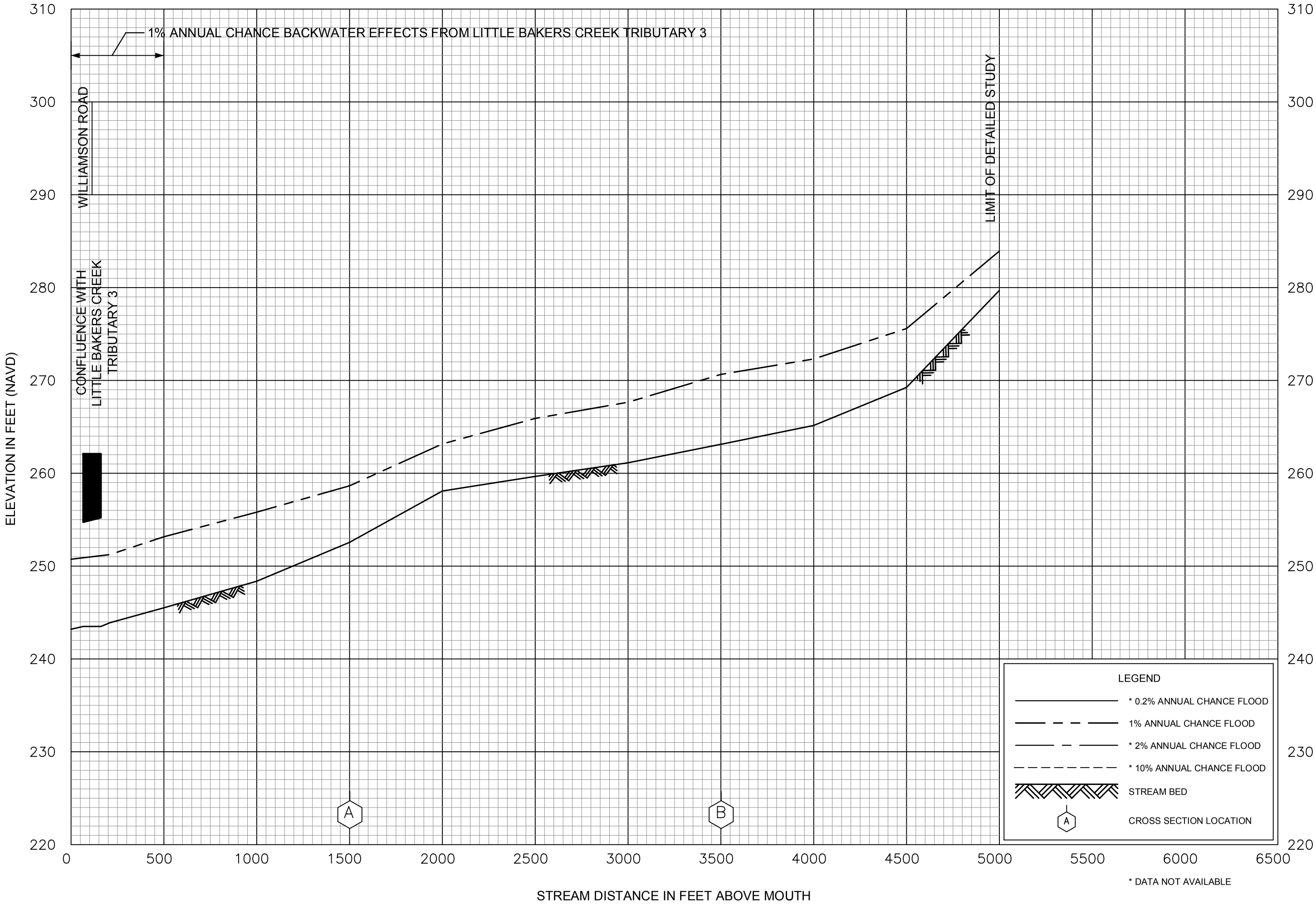
* DATA NOT AVAILABLE

FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND ICORPORATED AREAS



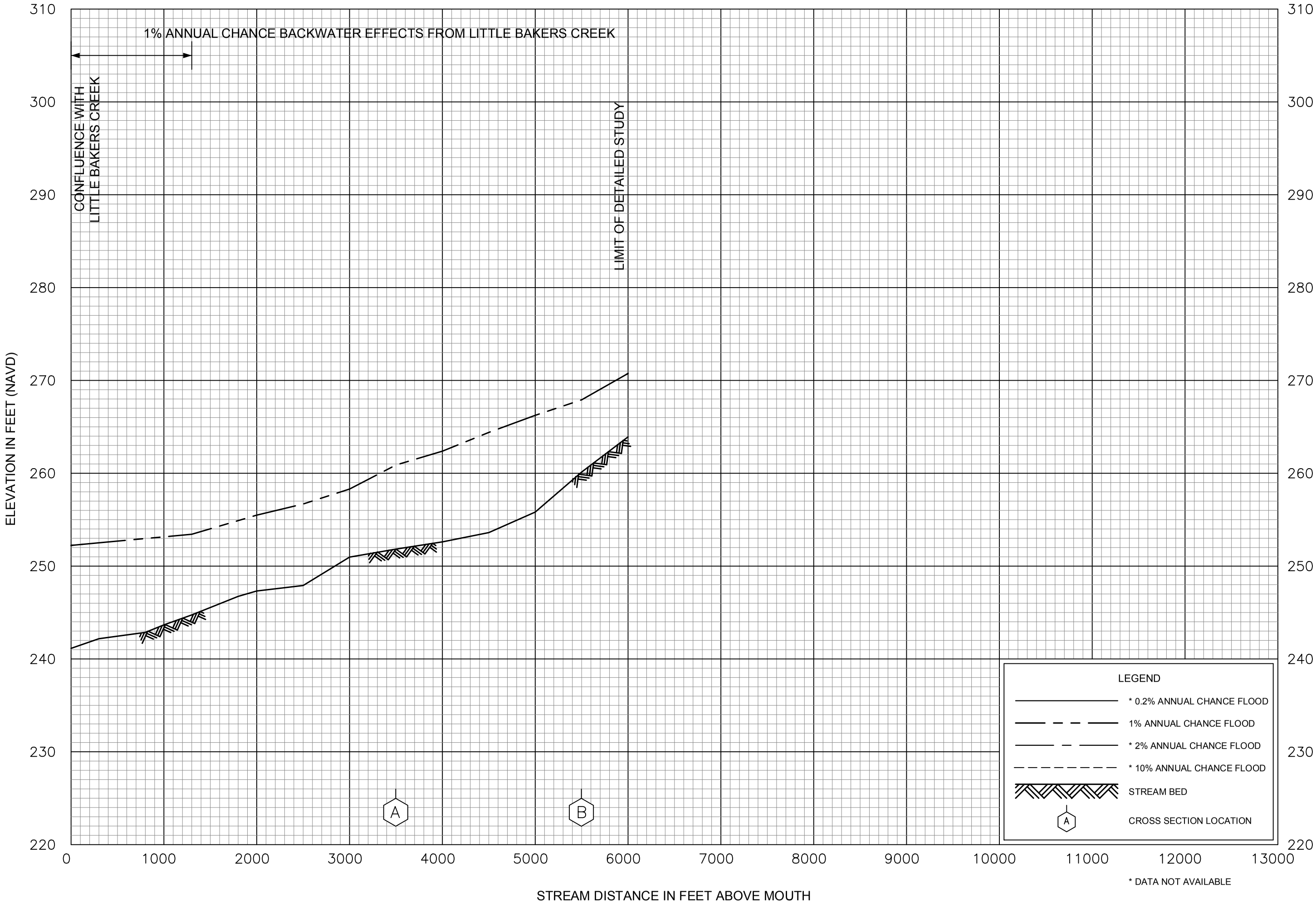
FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 3-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

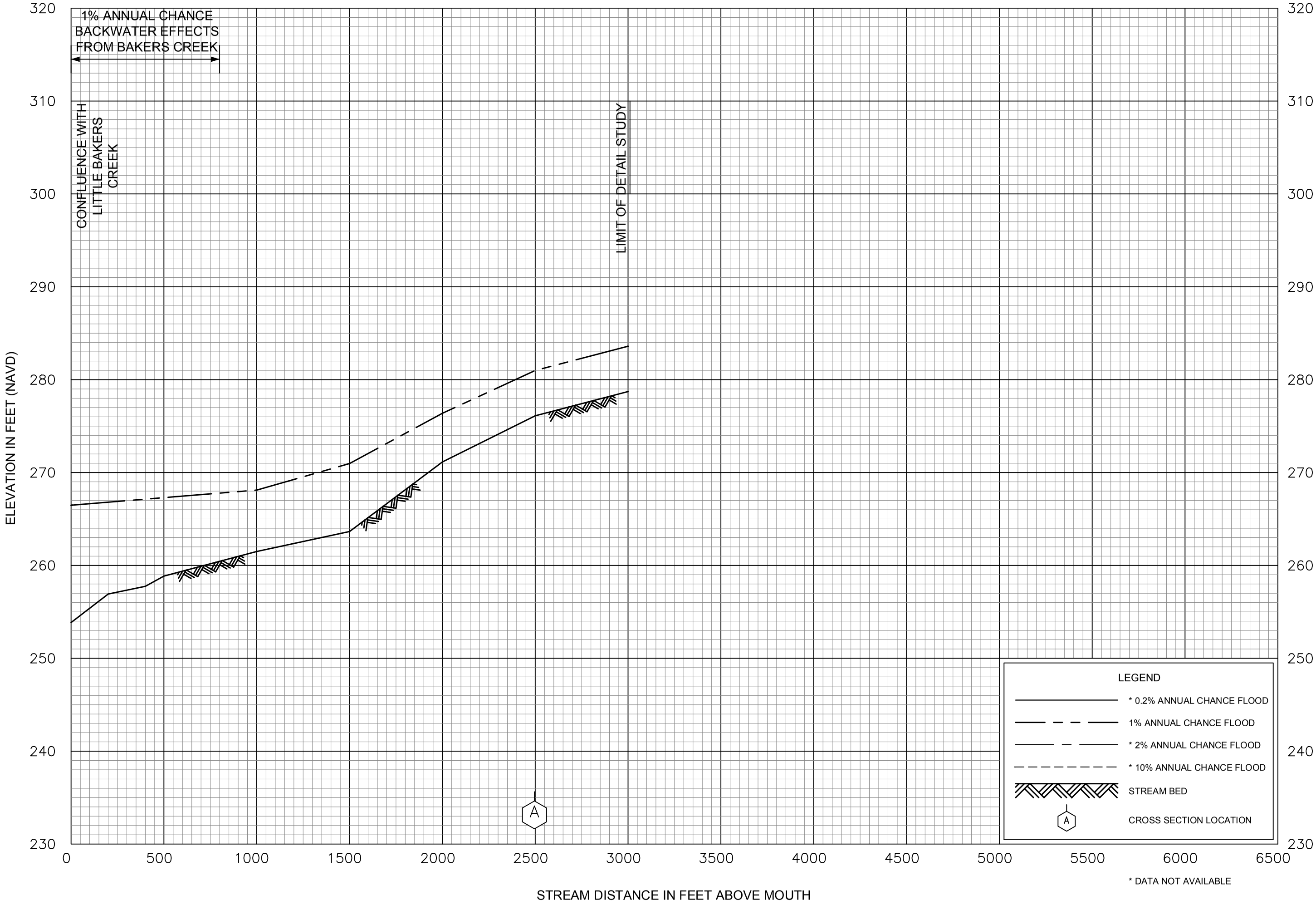


FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



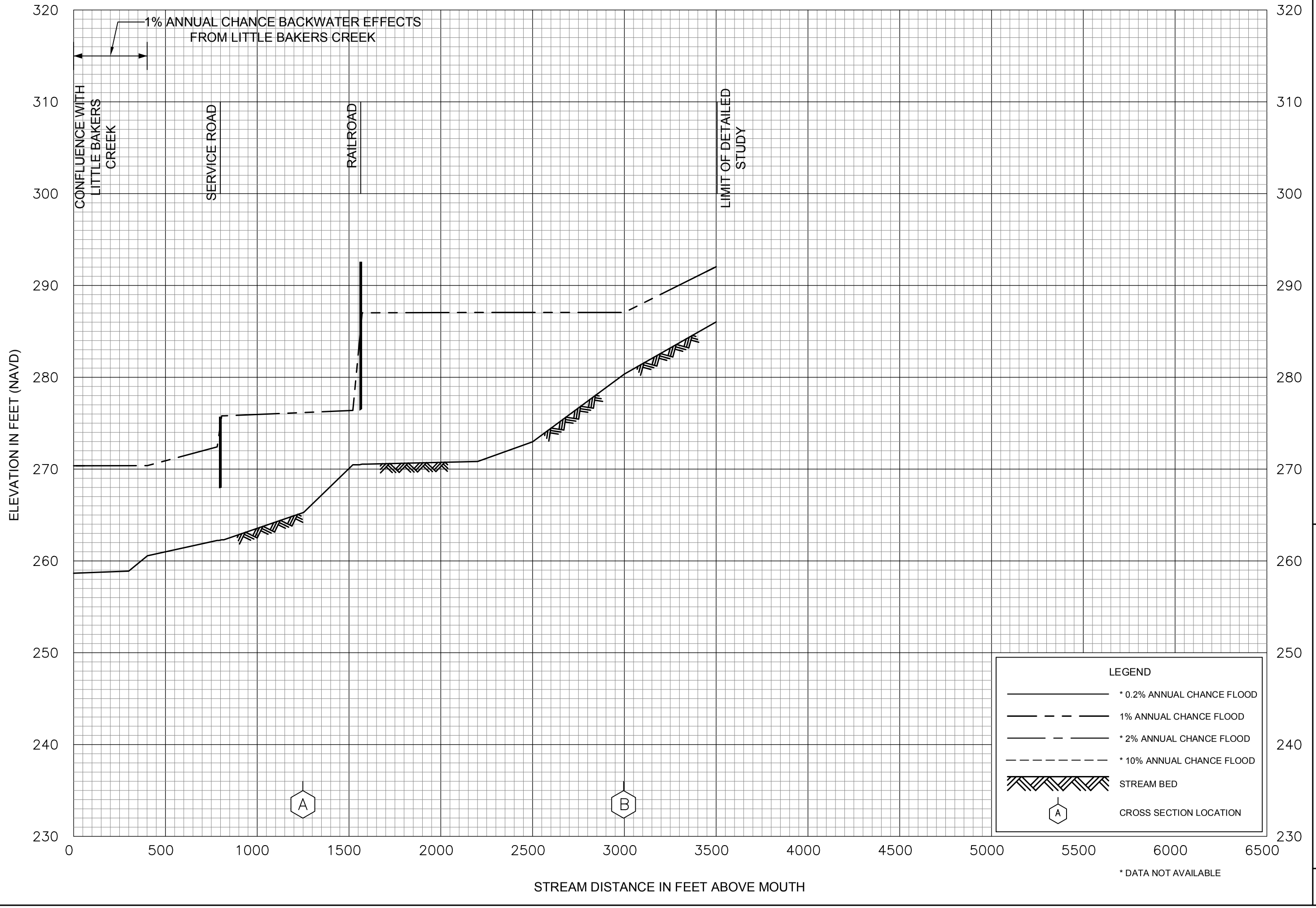
FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

176P

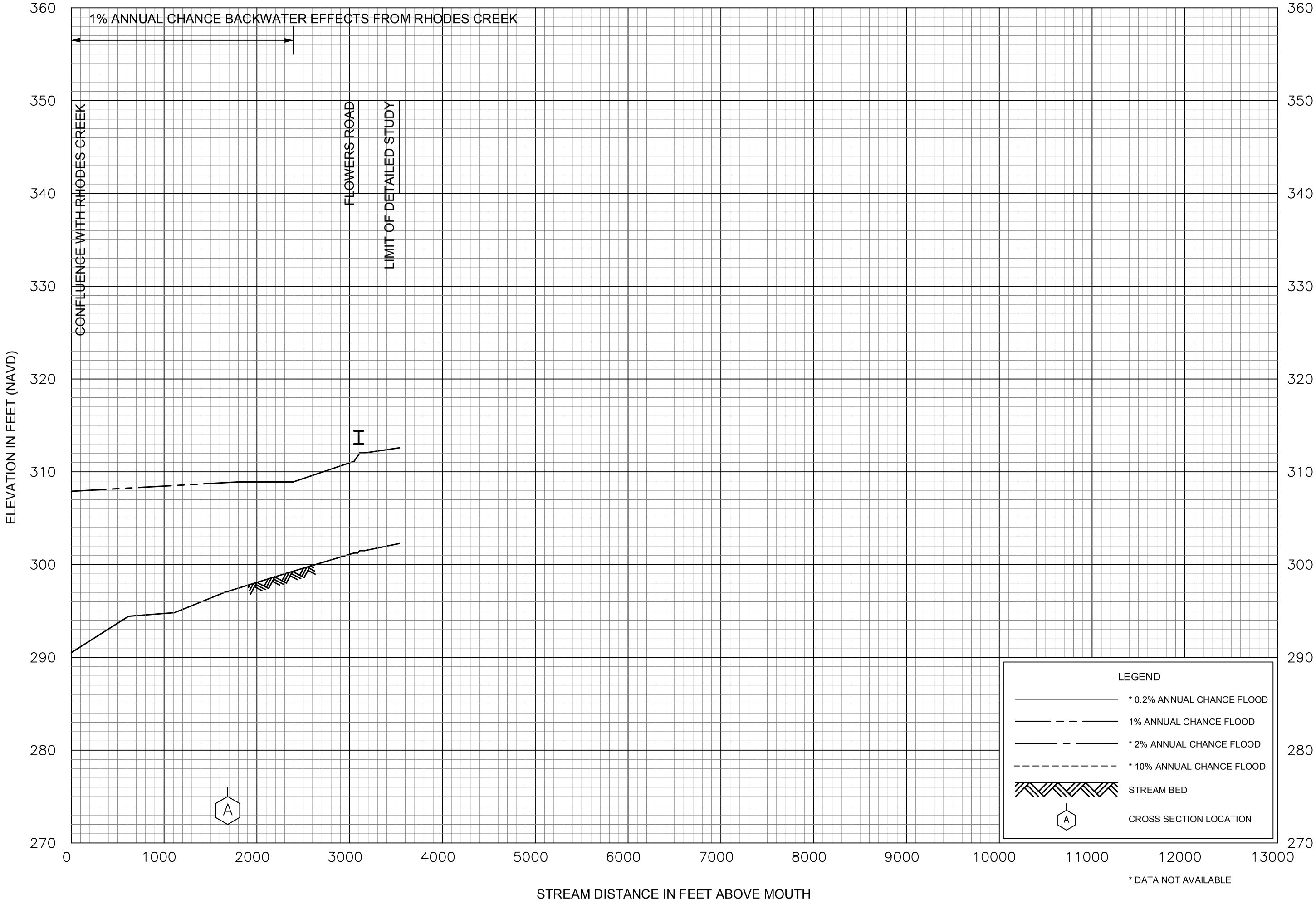


FLOOD PROFILES

LITTLE BAKERS CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



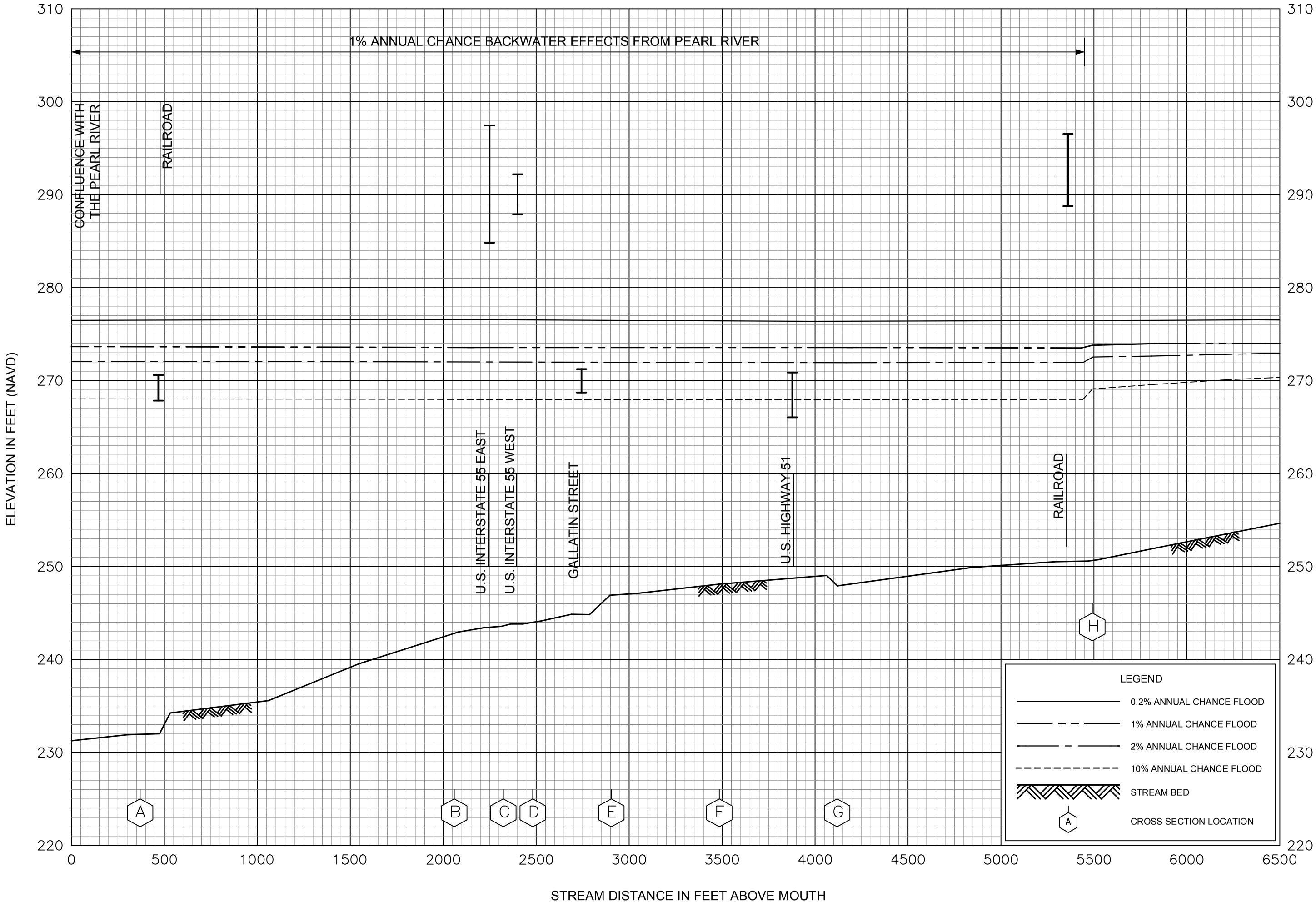
FLOOD PROFILES

LITTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

178P



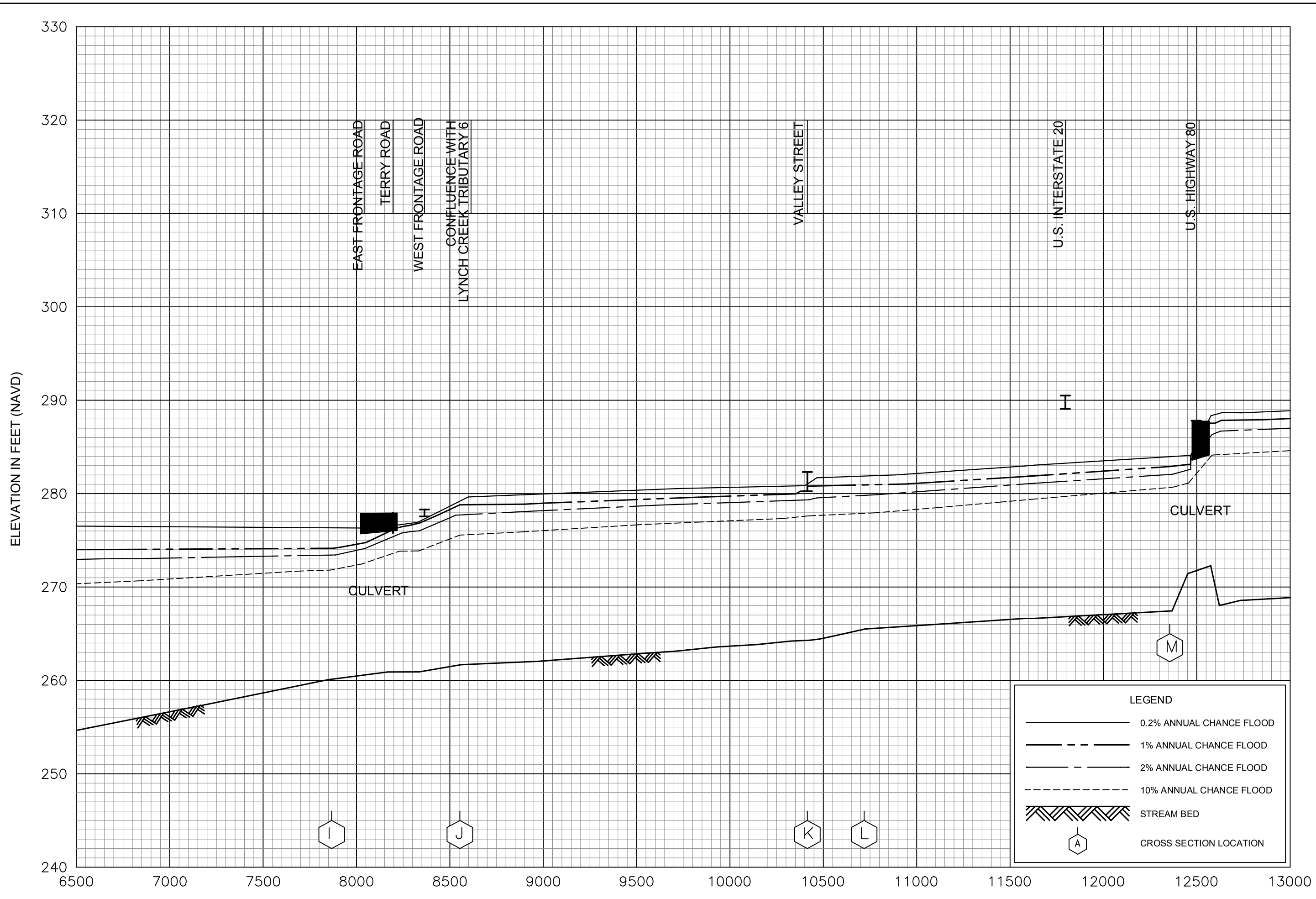
FLOOD PROFILES

LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

179P



FLOOD PROFILES

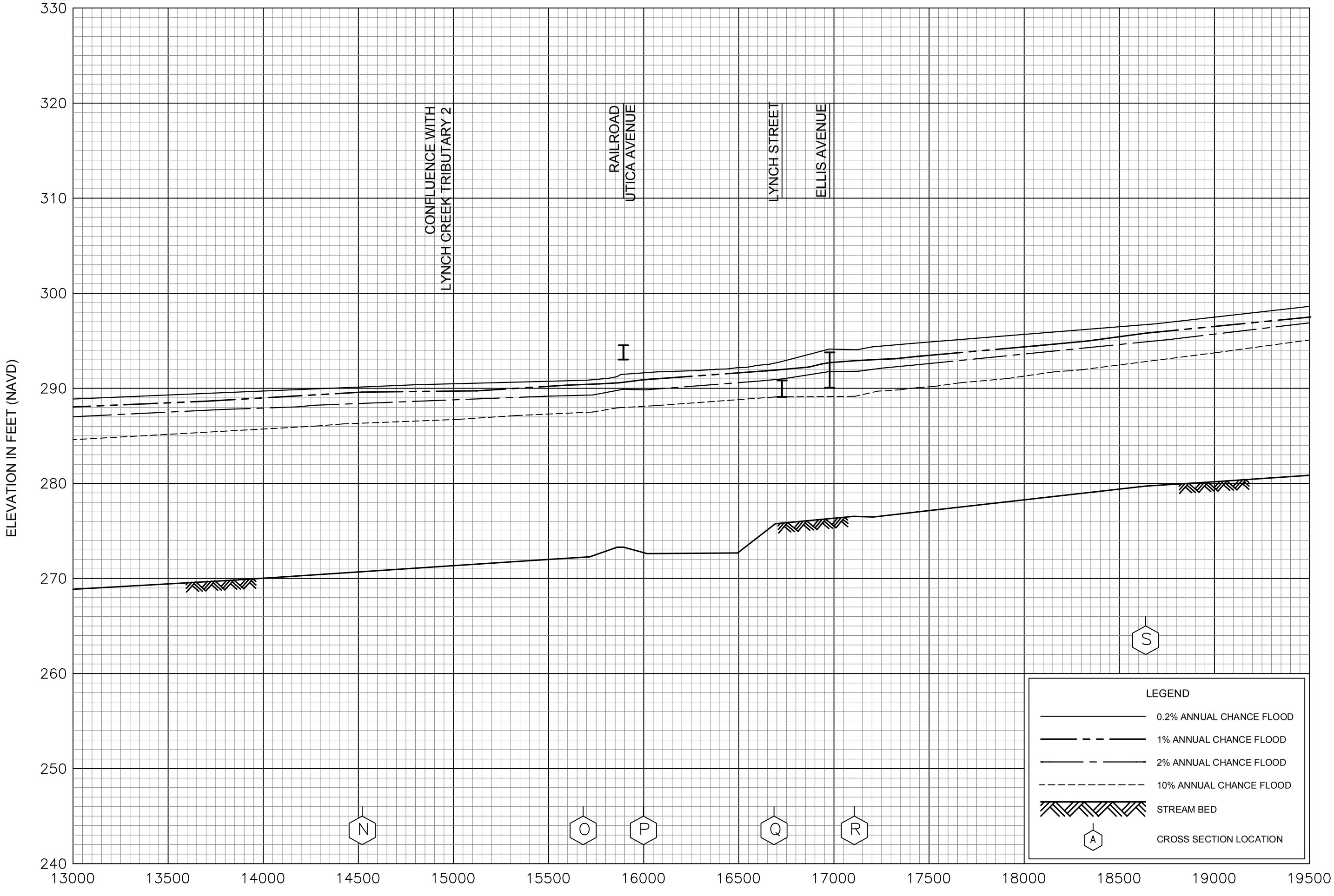
LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

180P



FLOOD PROFILES

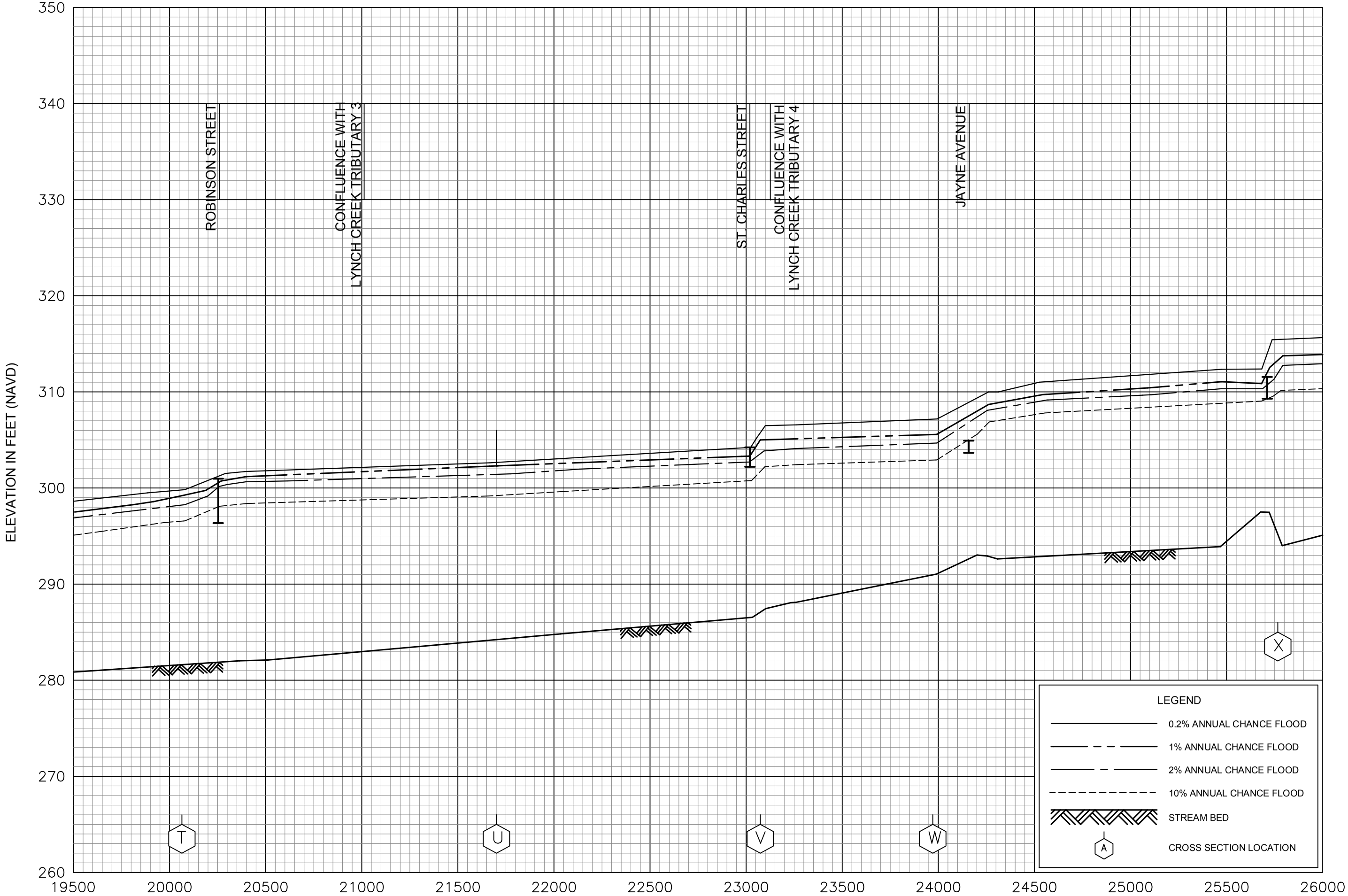
LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

181P



FLOOD PROFILES

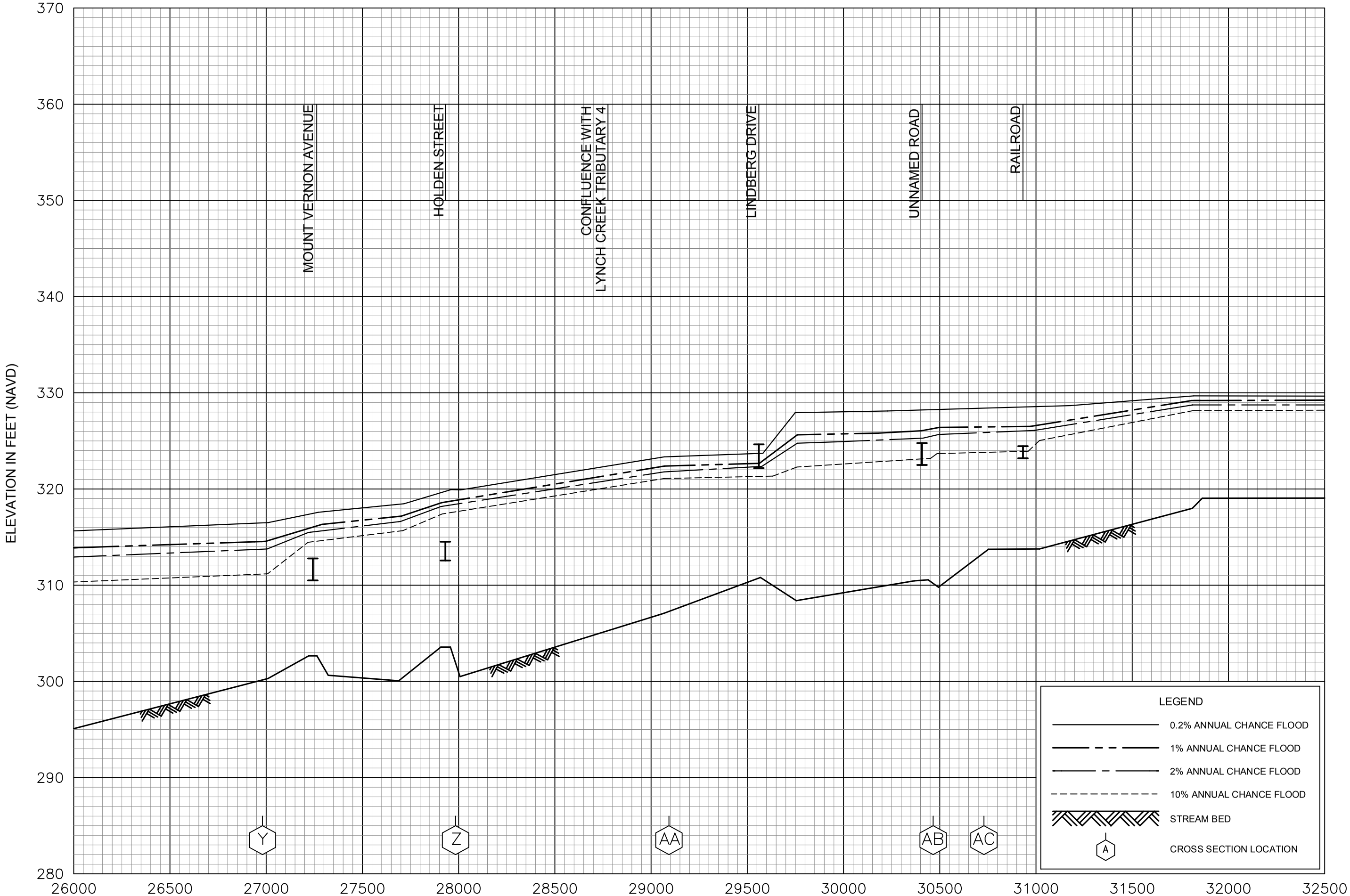
LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

182P



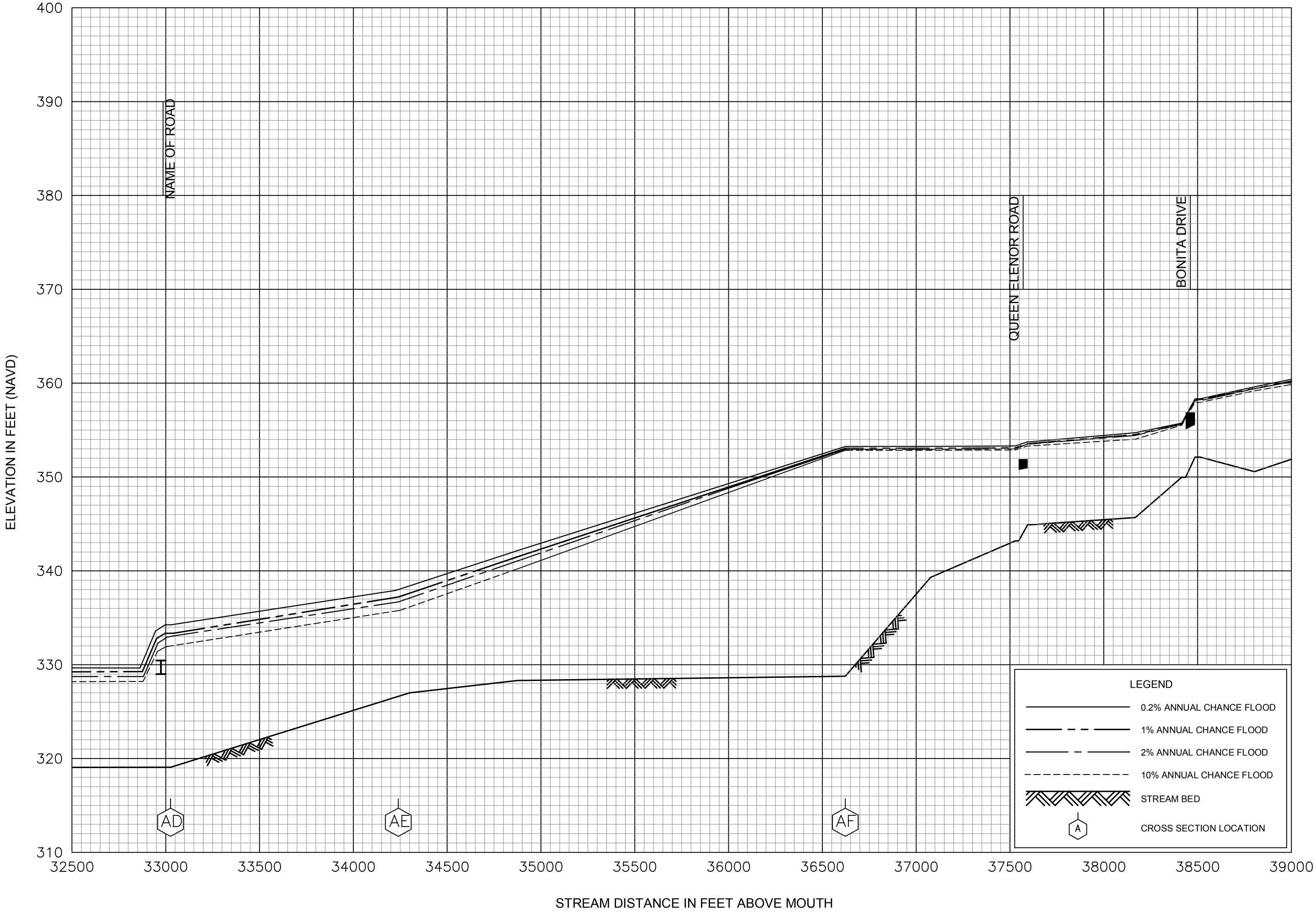
FLOOD PROFILES

LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

183P



FLOOD PROFILES

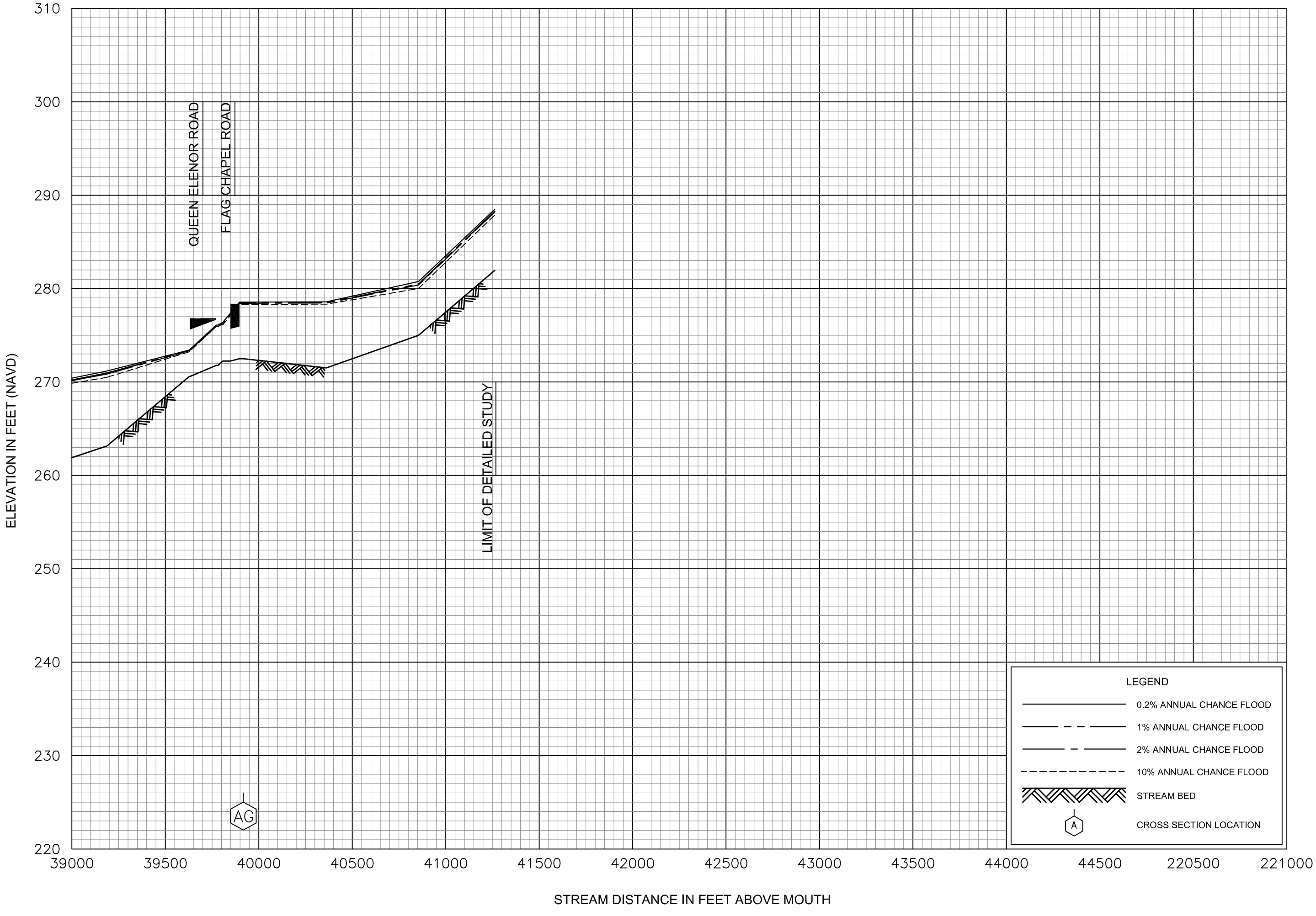
LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

184P



FLOOD PROFILES

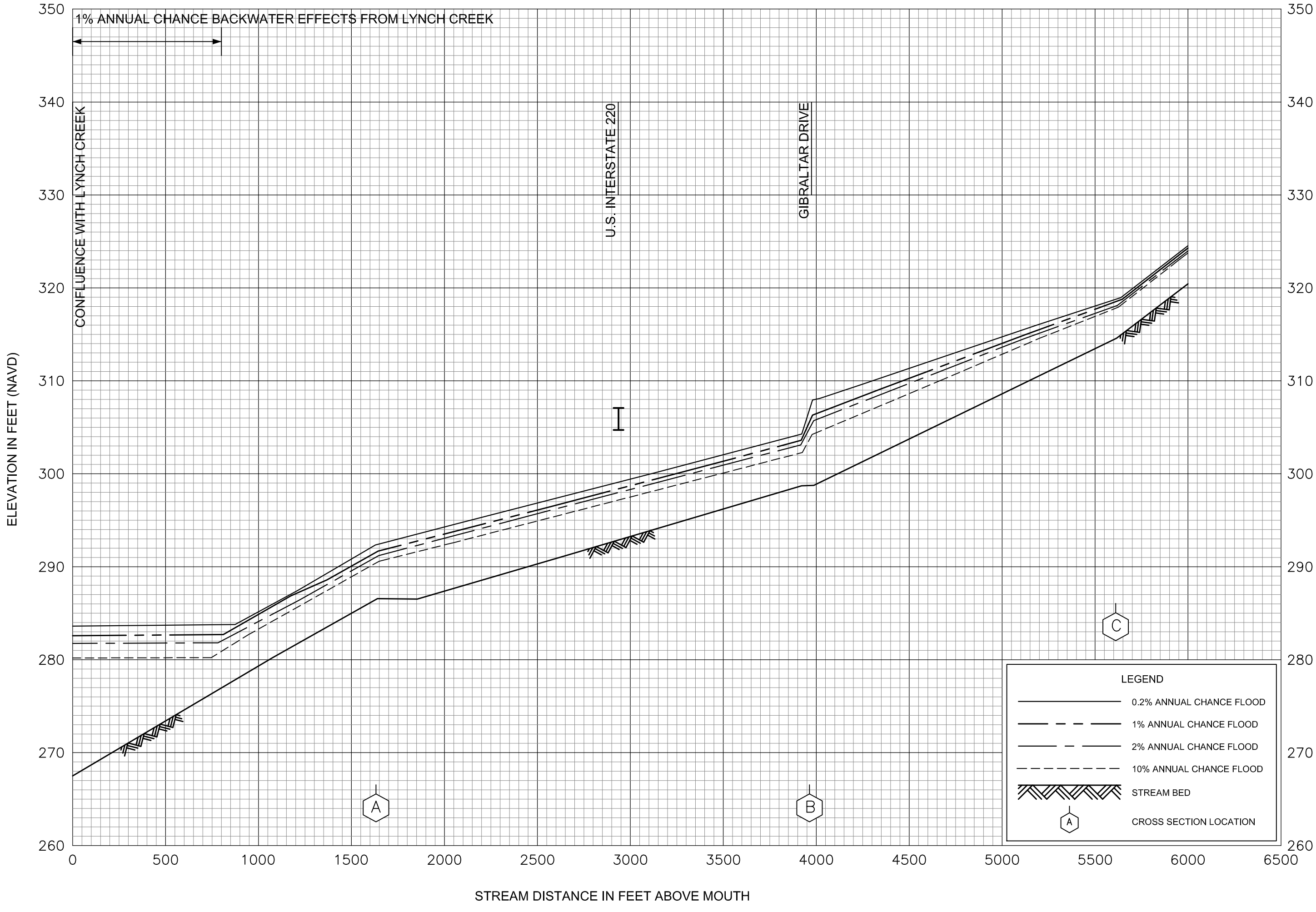
LYNCH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

185P



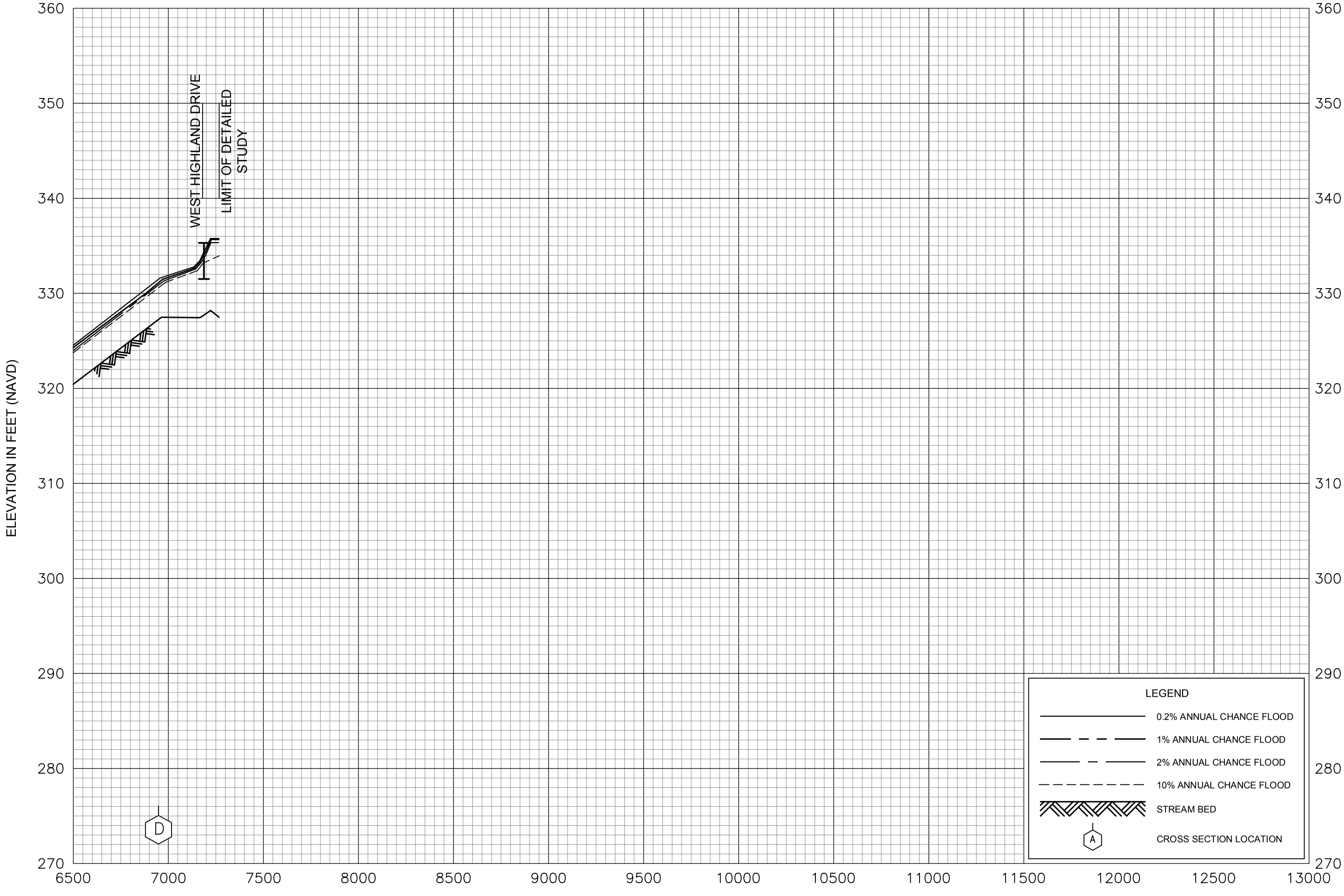
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

186P



FLOOD PROFILES

LYNCH CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

187P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM LYNCH CREEK

CONFLUENCE WITH LYNCH CREEK

ELLIS AVENUE

RAILROAD

UTICA STREET

LYNCH STREET

BURCH STREET

WASHINGTON STREET

BOOKER STREET

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD)

350
340
330
320
310
300
290
280
270
260

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D E

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

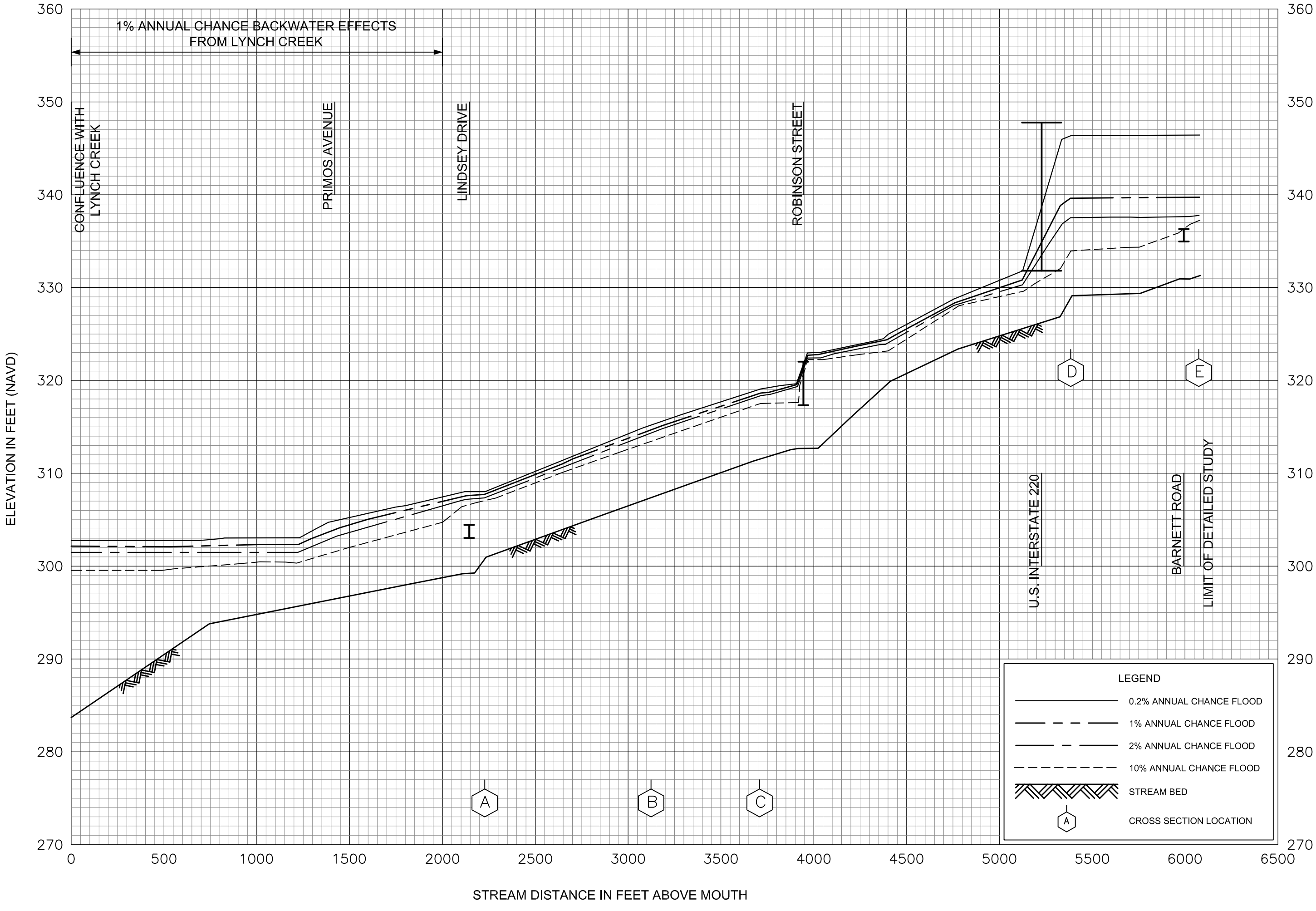
LYNCH CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

188P



FLOOD PROFILES

LYNCH CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

189P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM LYNCH CREEK

CONFLUENCE WITH LYNCH CREEK

LINDSEY DRIVE

NIMITZ STREET

U.S. INTERSTATE 220

ELEVATION IN FEET (NAVD)

335
330
325
320
315
310
305
300
295
290

0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C
D

LEGEND

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

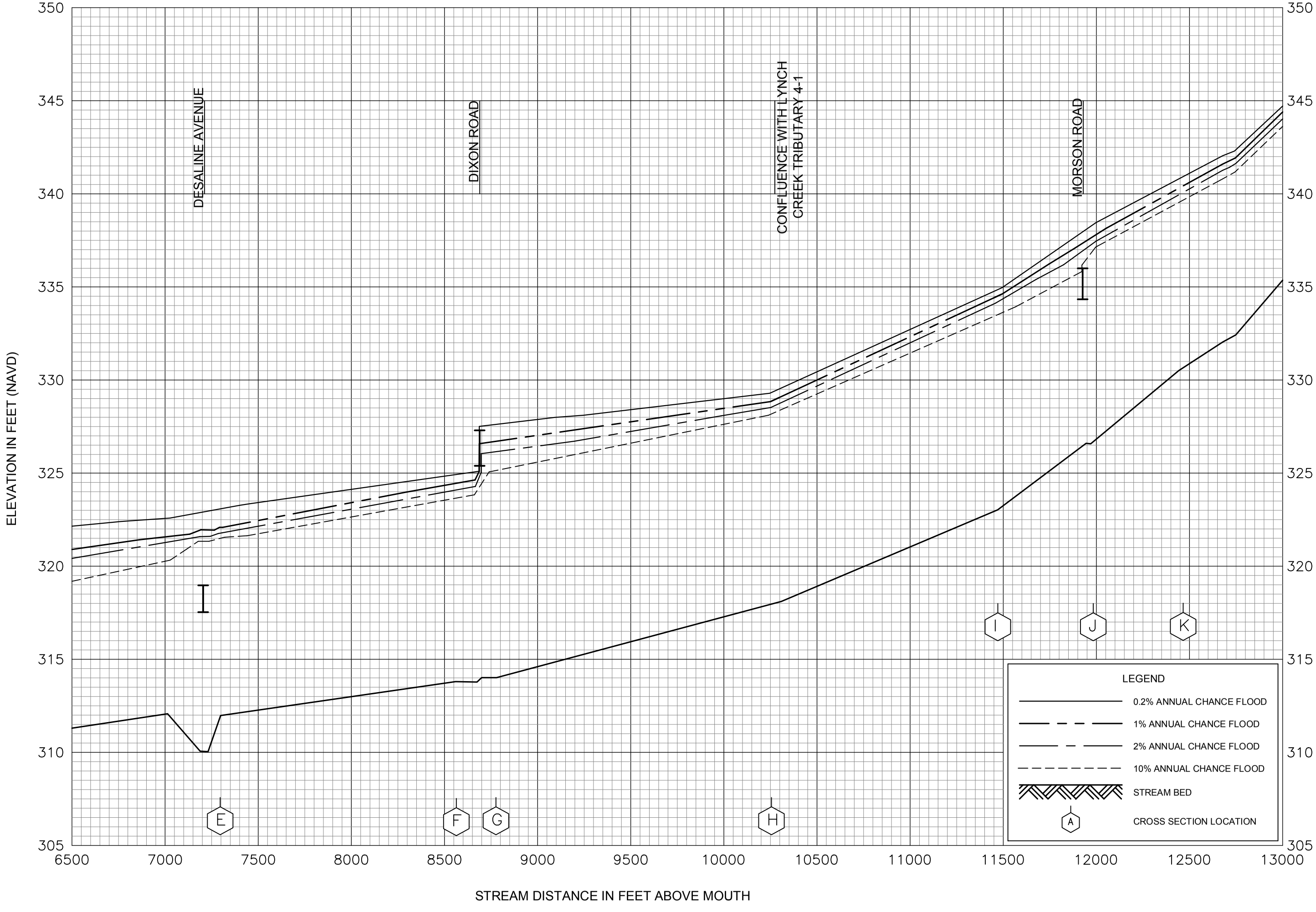
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

190P



FLOOD PROFILES

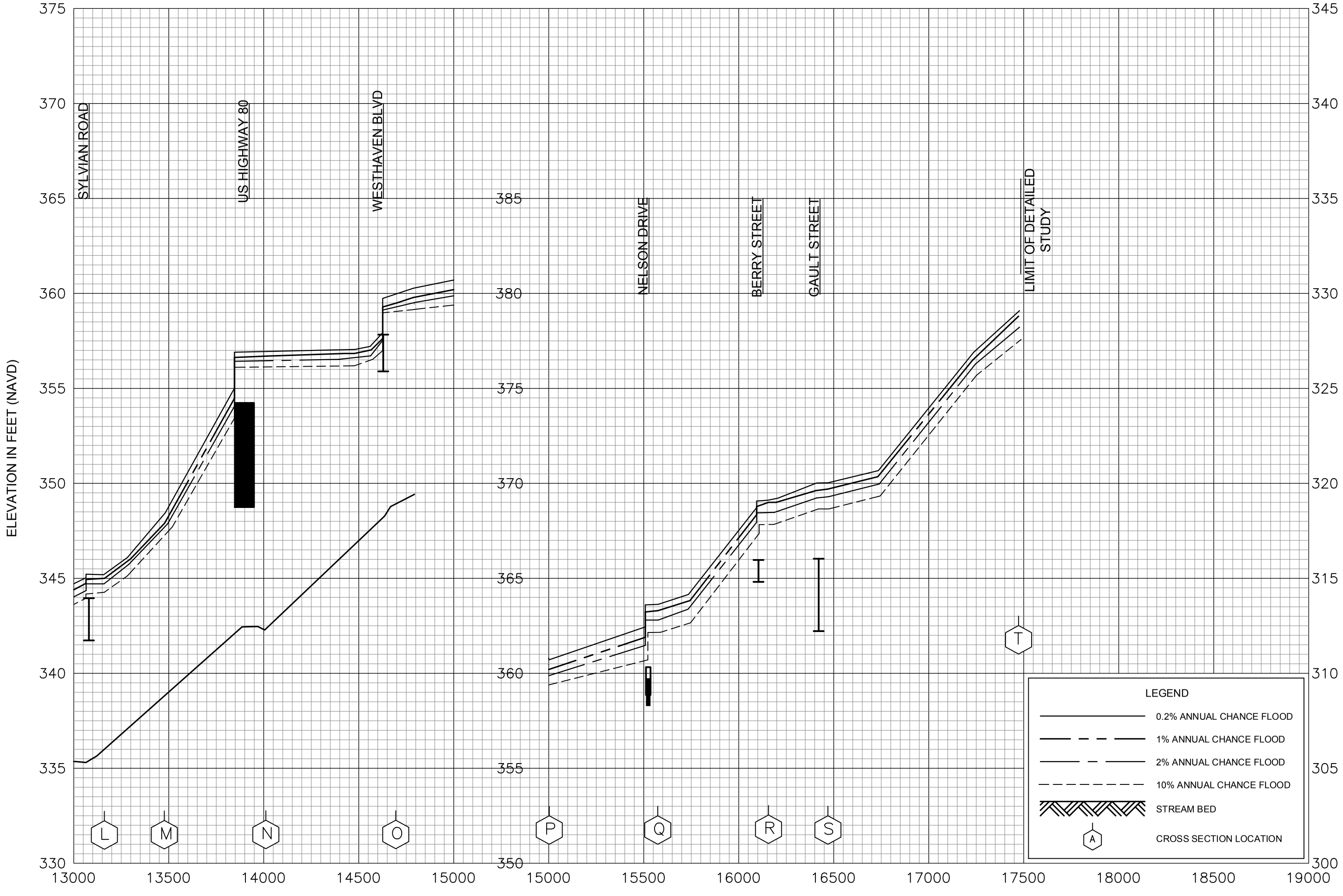
LYNCH CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

191P



FLOOD PROFILES

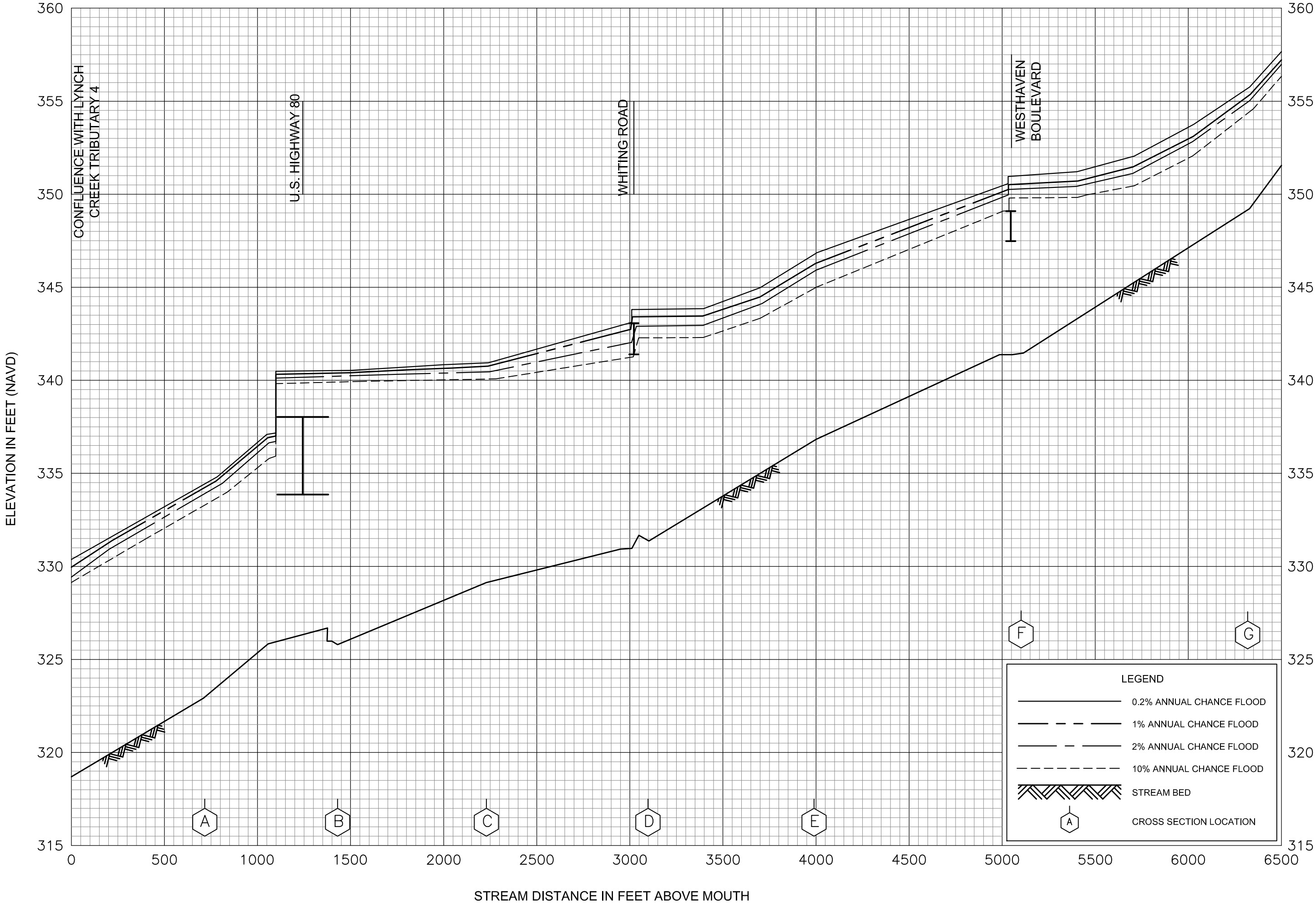
LYNCH CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

192P



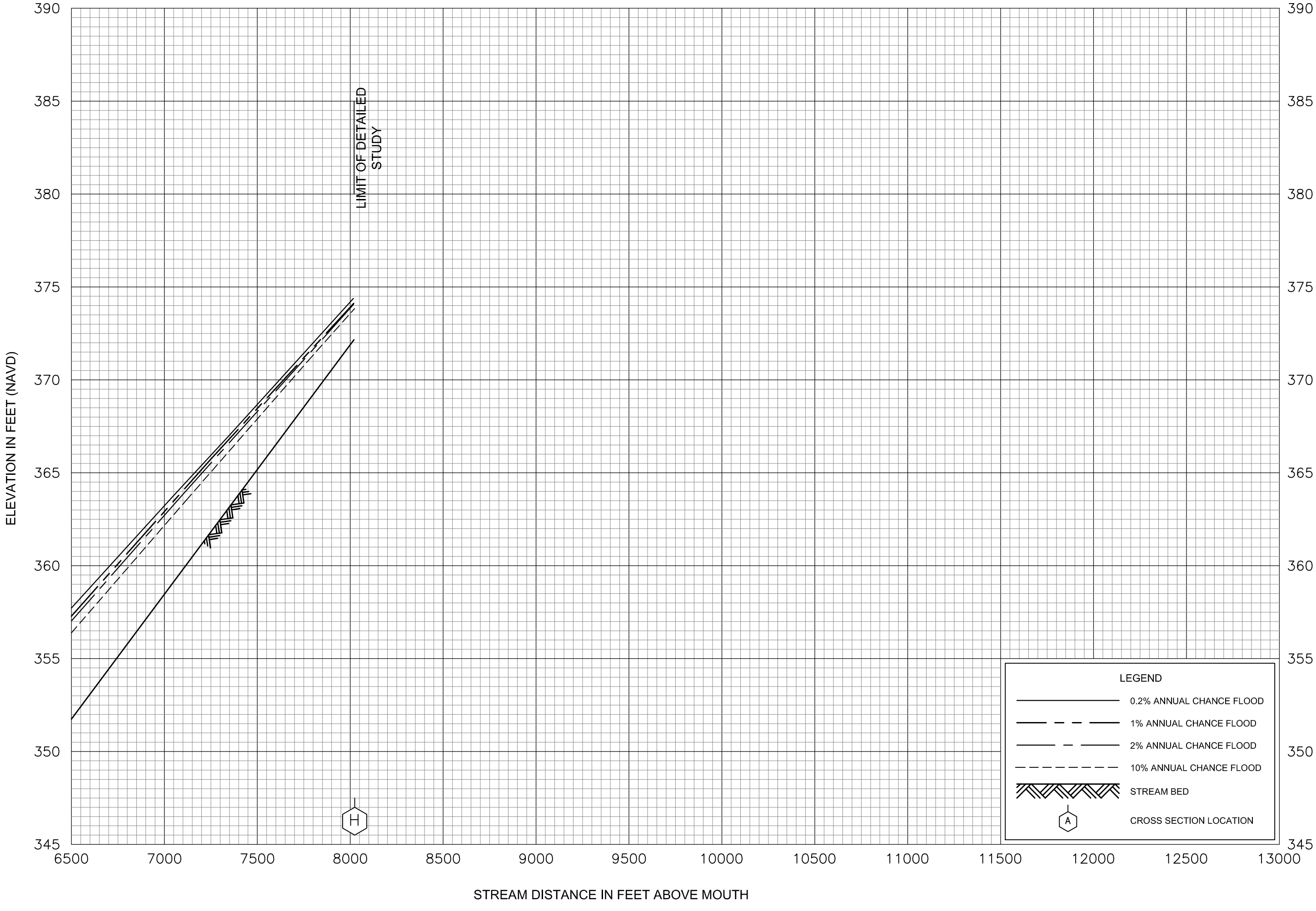
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 4-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

193P



FLOOD PROFILES

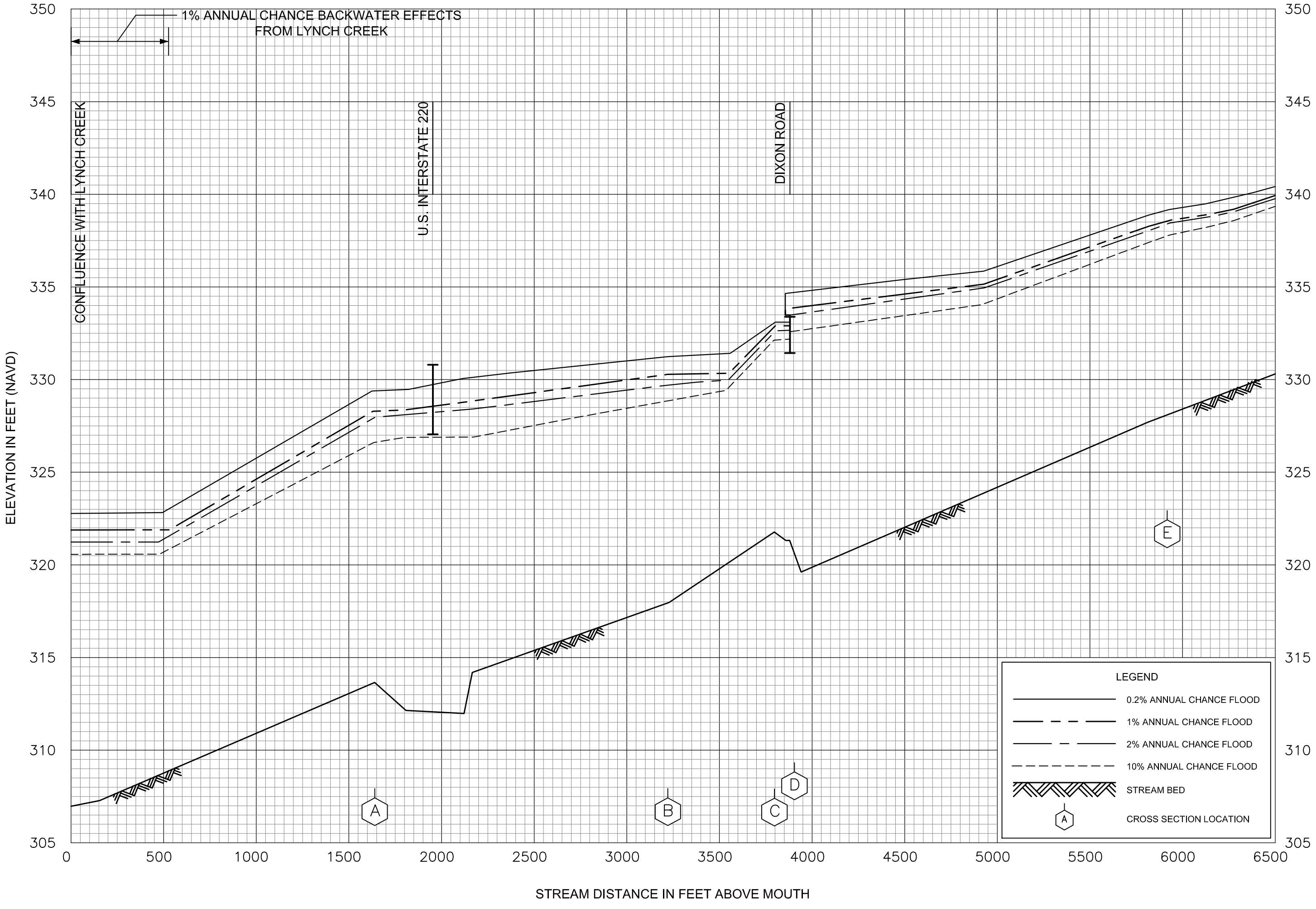
LYNCH CREEK TRIBUTARY 4-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

194P



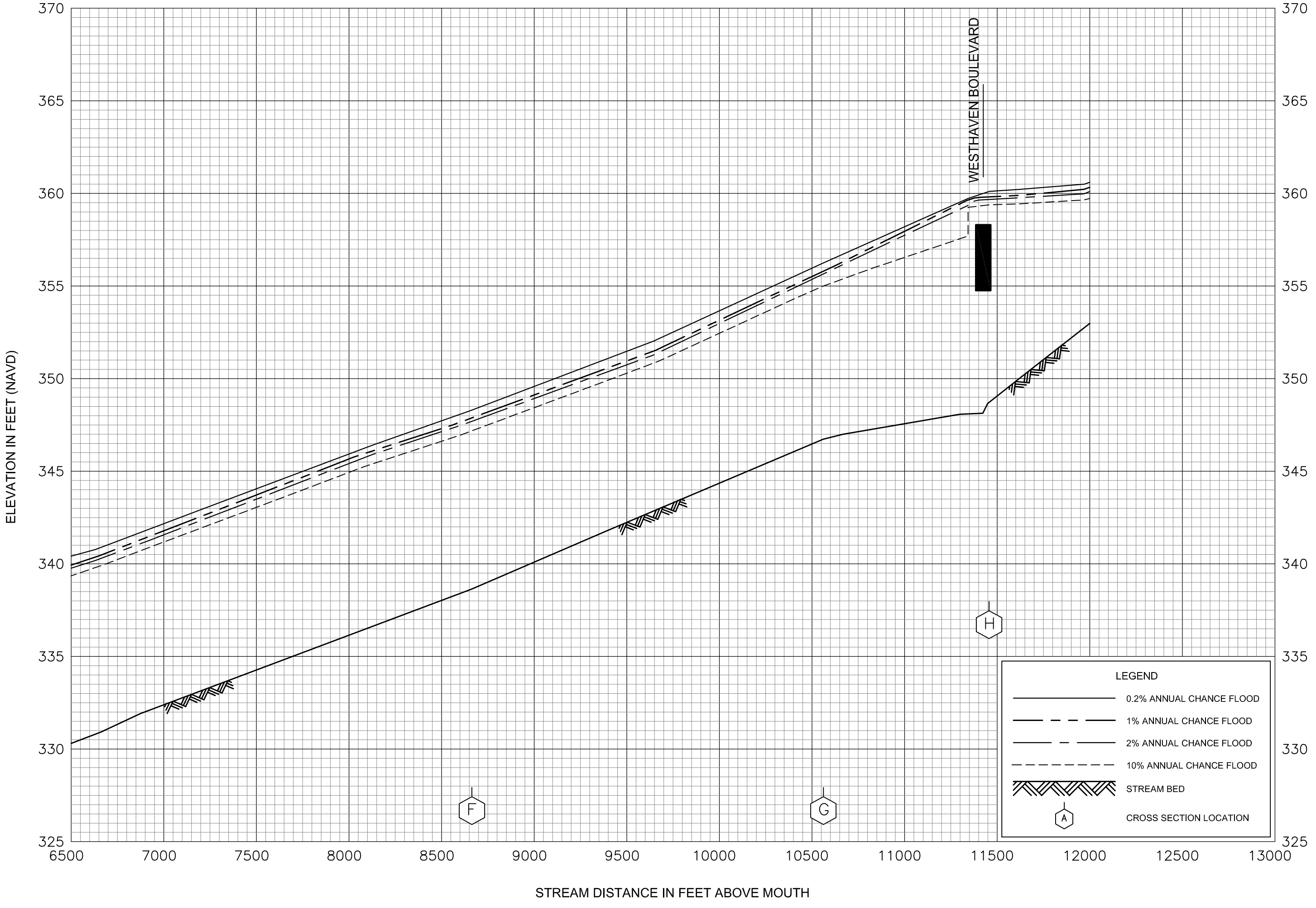
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

195P



FLOOD PROFILES

LYNCH CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

196P

ELEVATION IN FEET (NAVD)

390
385
380
375
370
365
360
355
350
345

RAILROAD

LIMIT OF DETAILED STUDY

I

J

12000 12500 13000 13500 14000 14500 15000 15500 16000 16500 17000 17500 18000 18500

STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

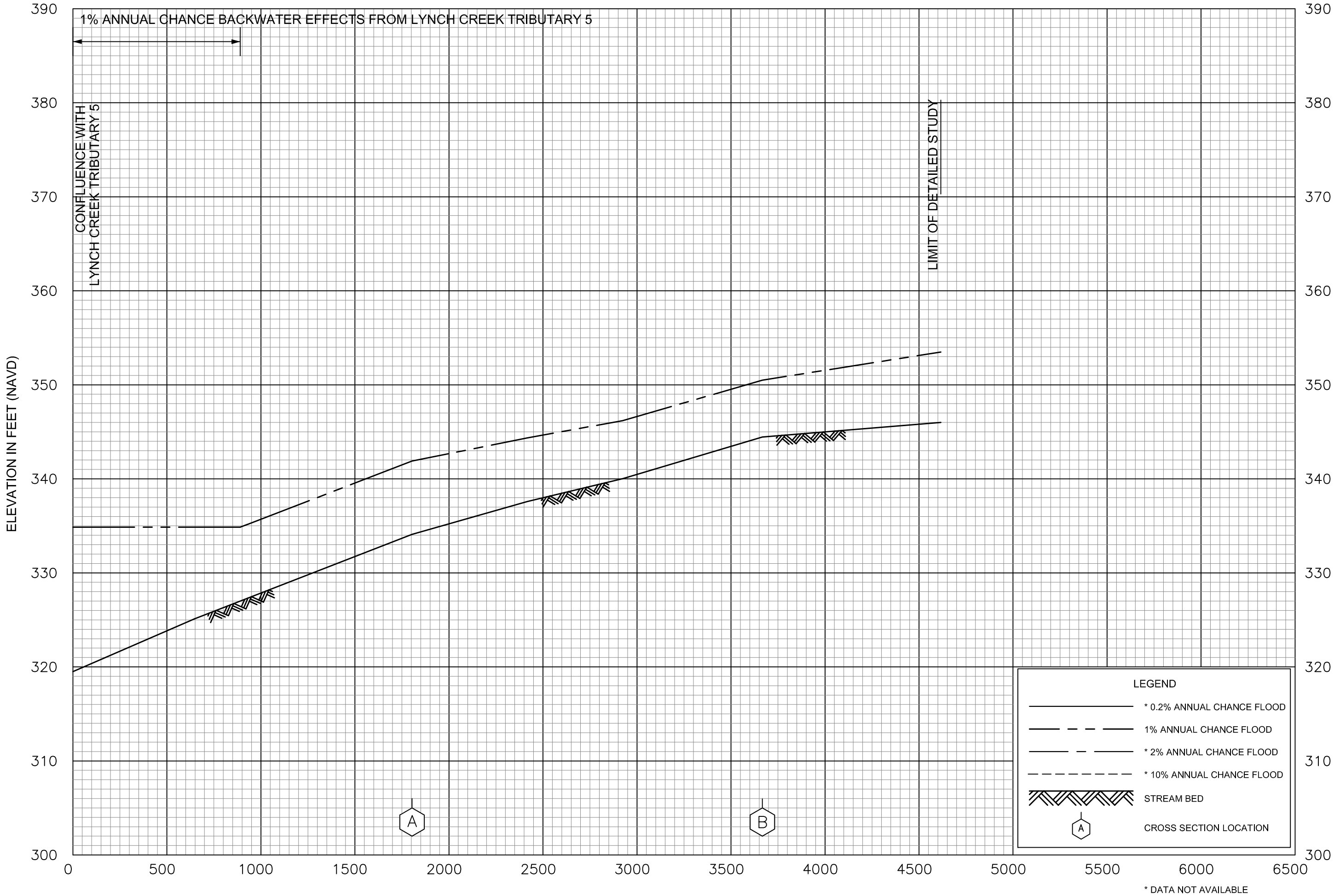
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

197P



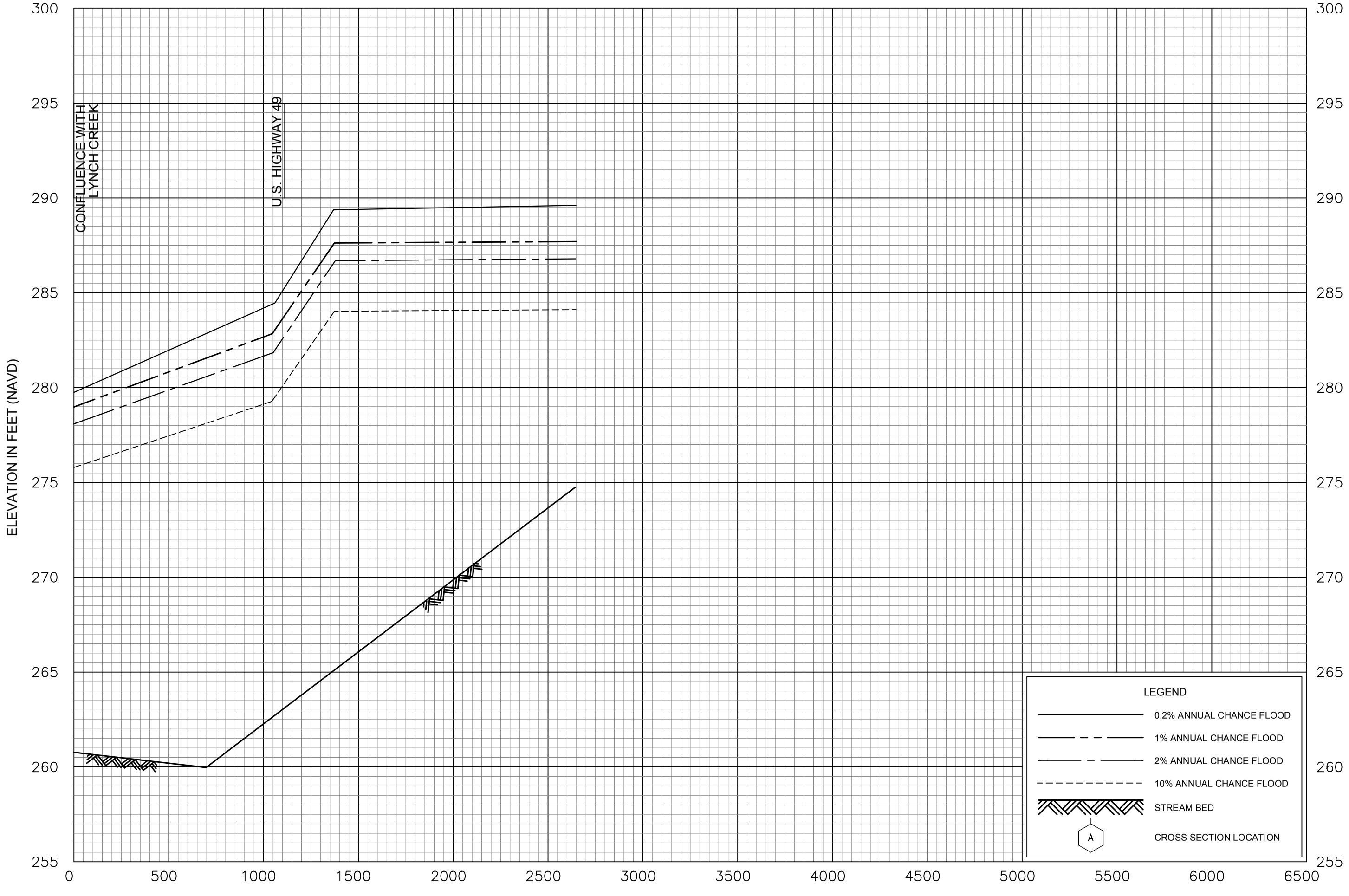
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 5-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

198P



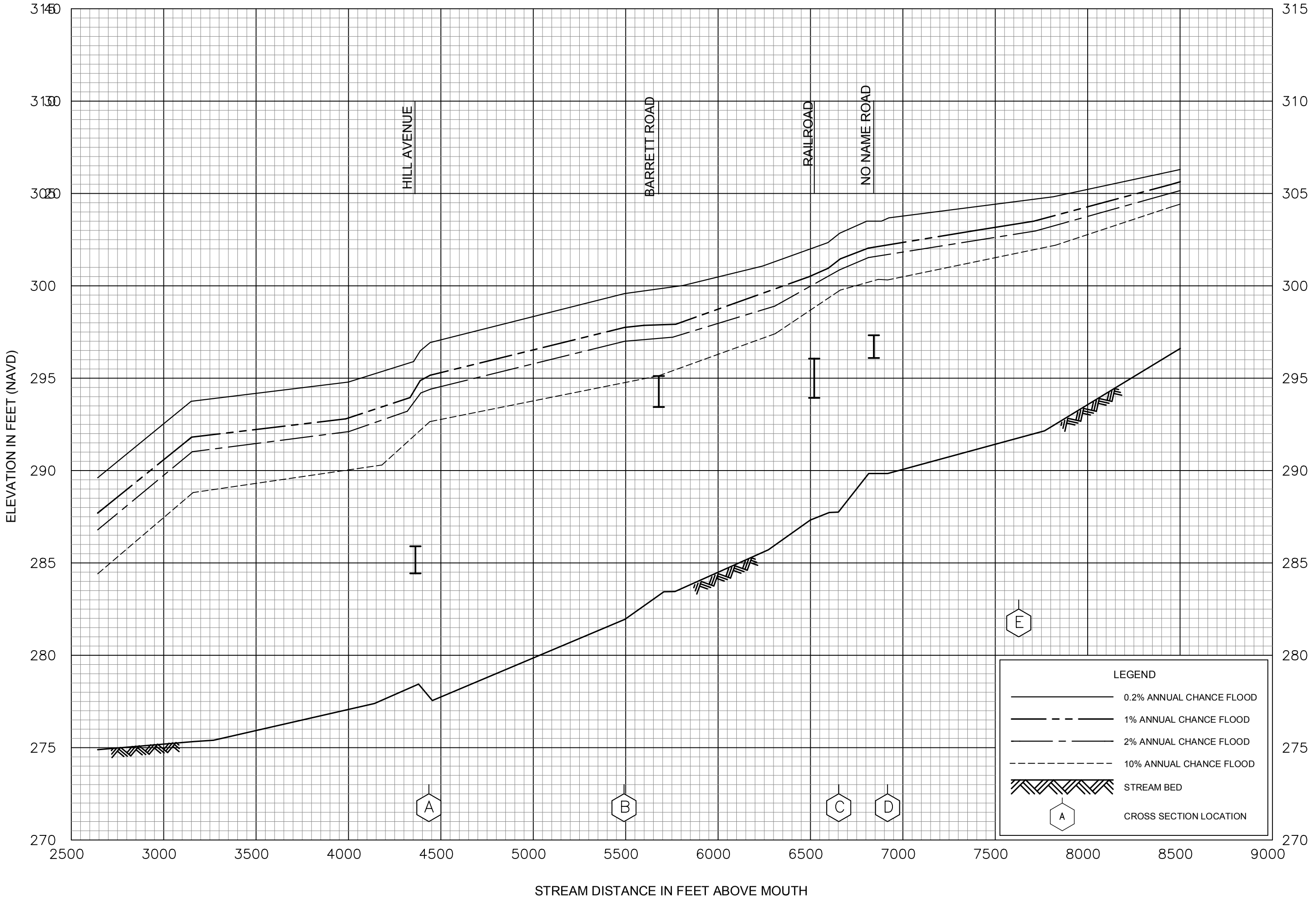
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

199P



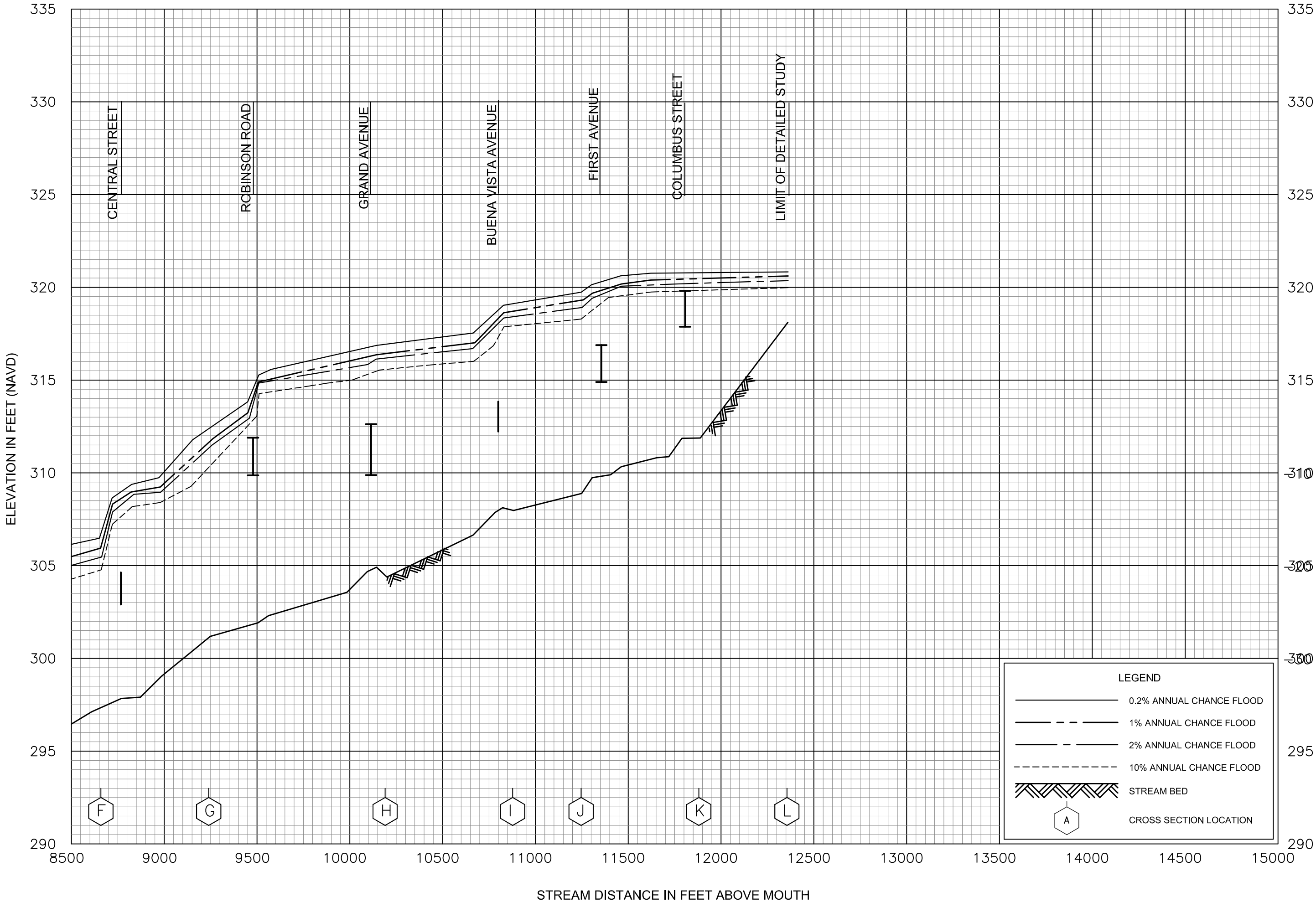
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

200P



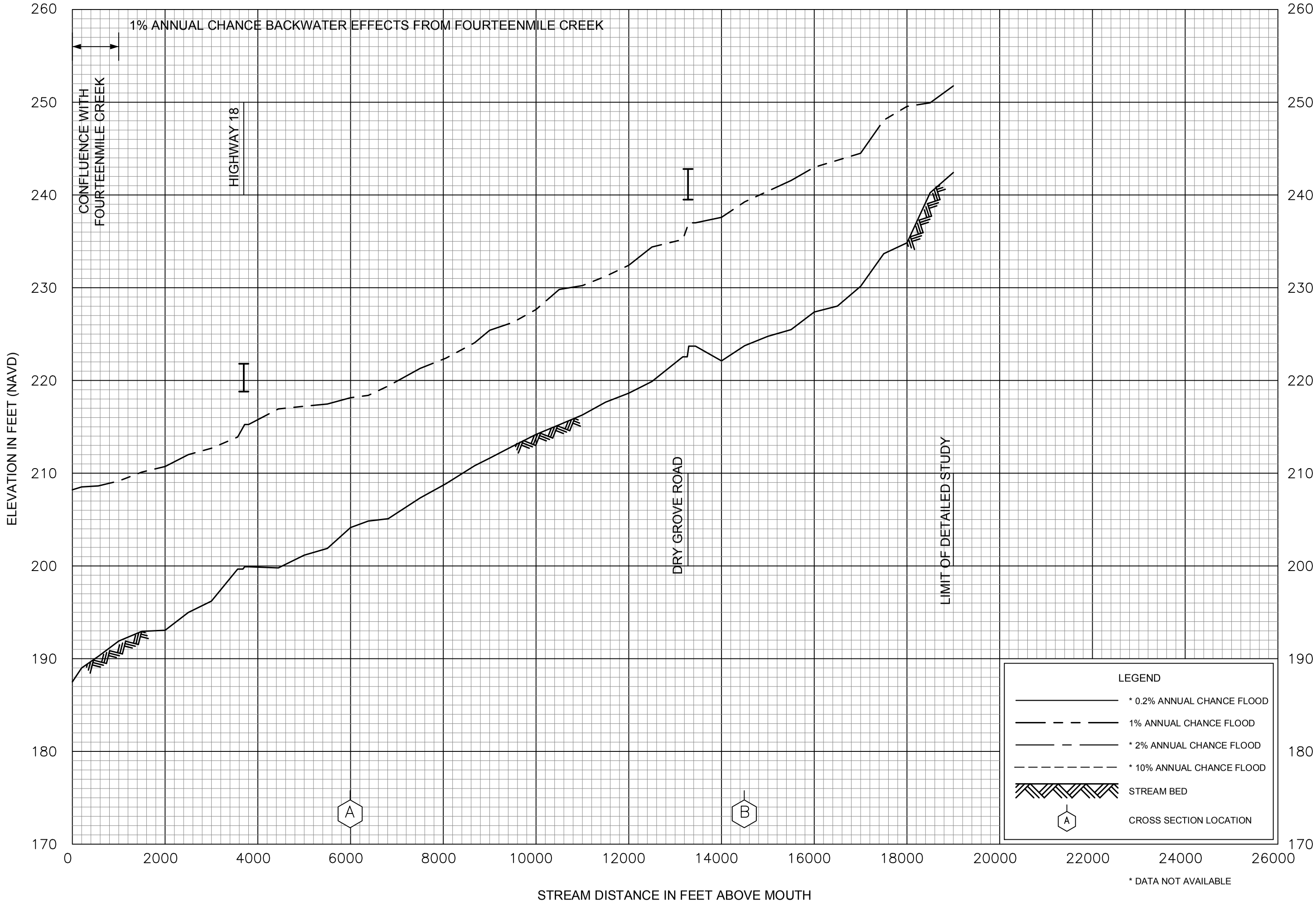
FLOOD PROFILES

LYNCH CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

201P



FLOOD PROFILES

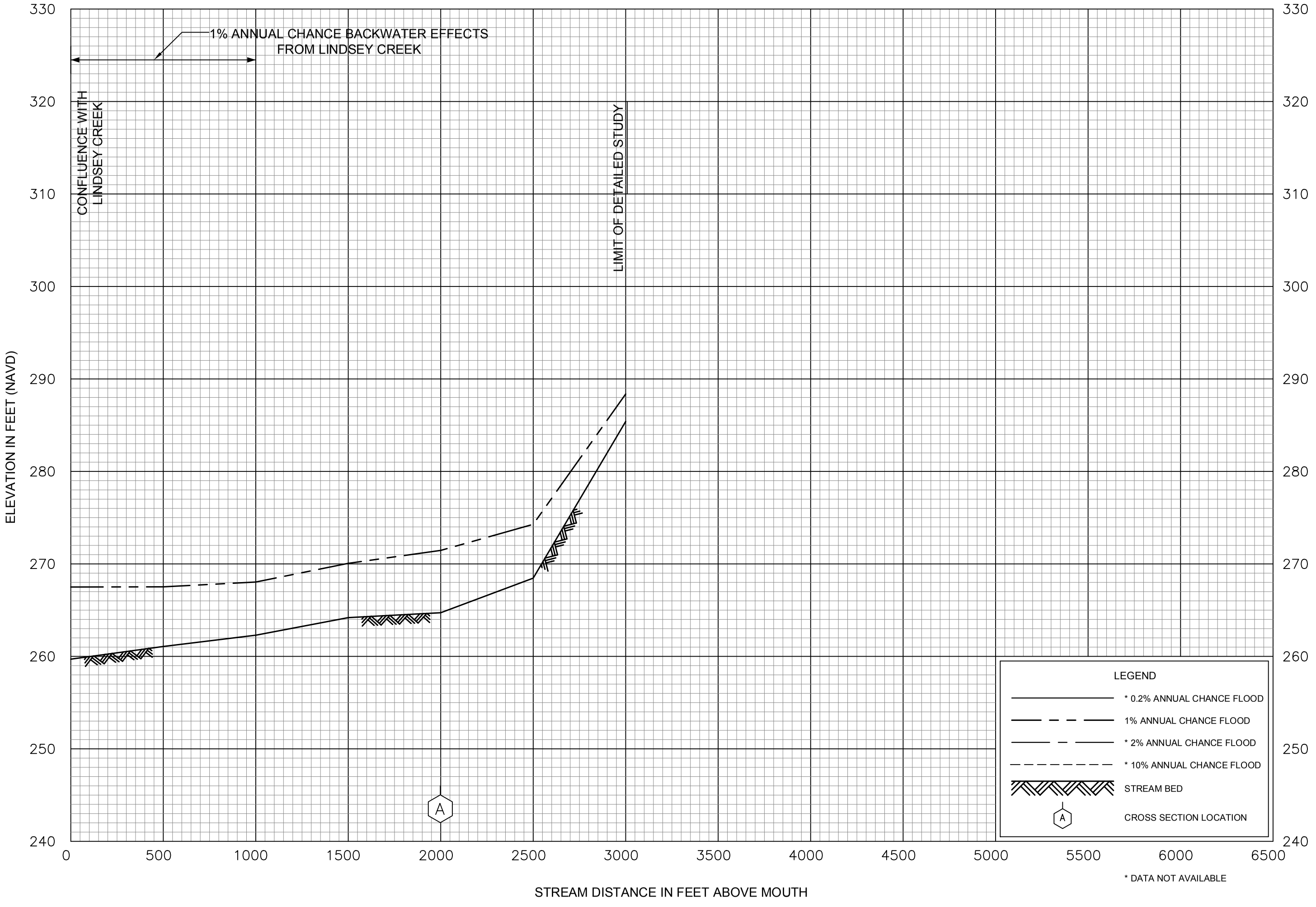
MCDONALD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

202P



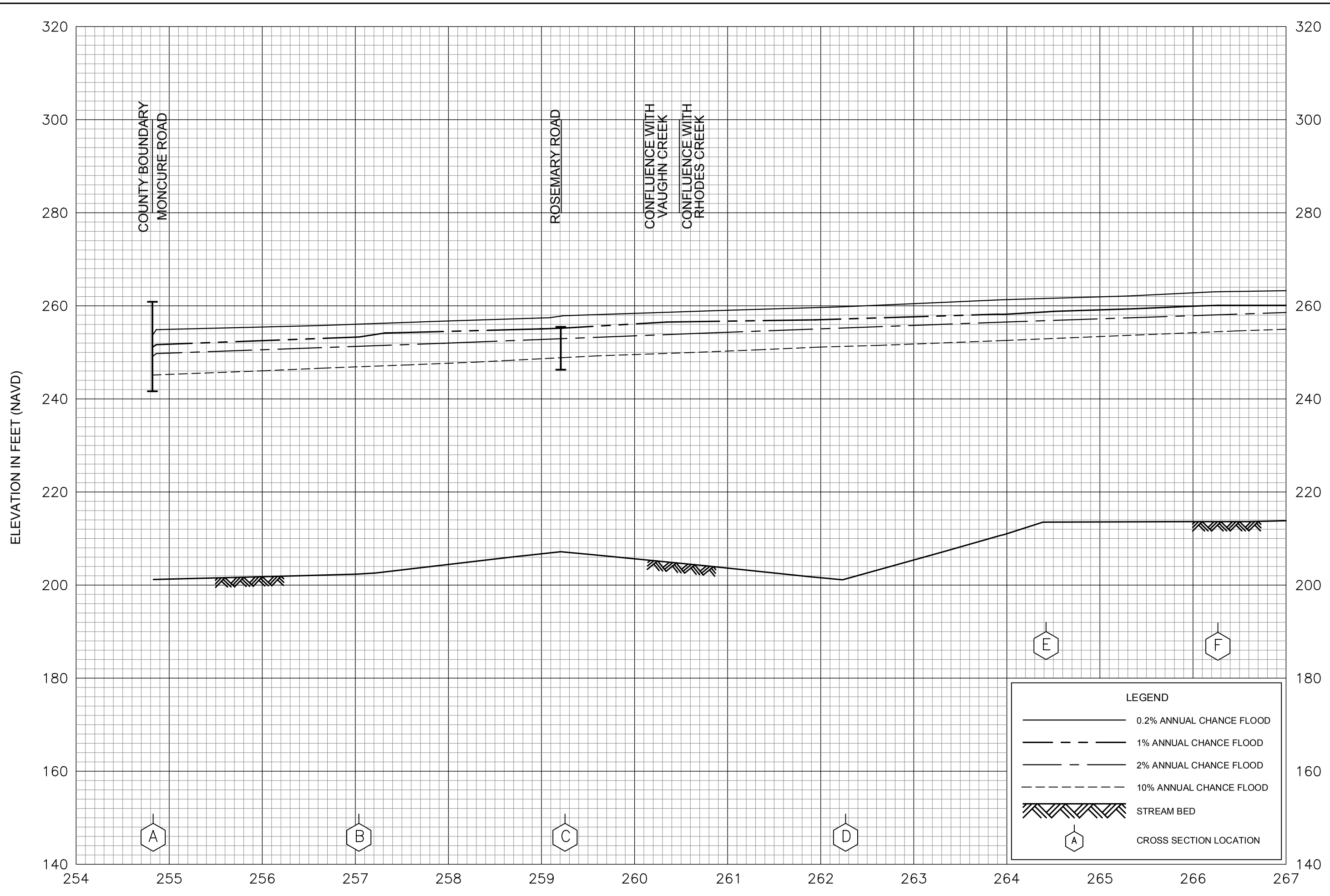
FLOOD PROFILES

PATROL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

203P



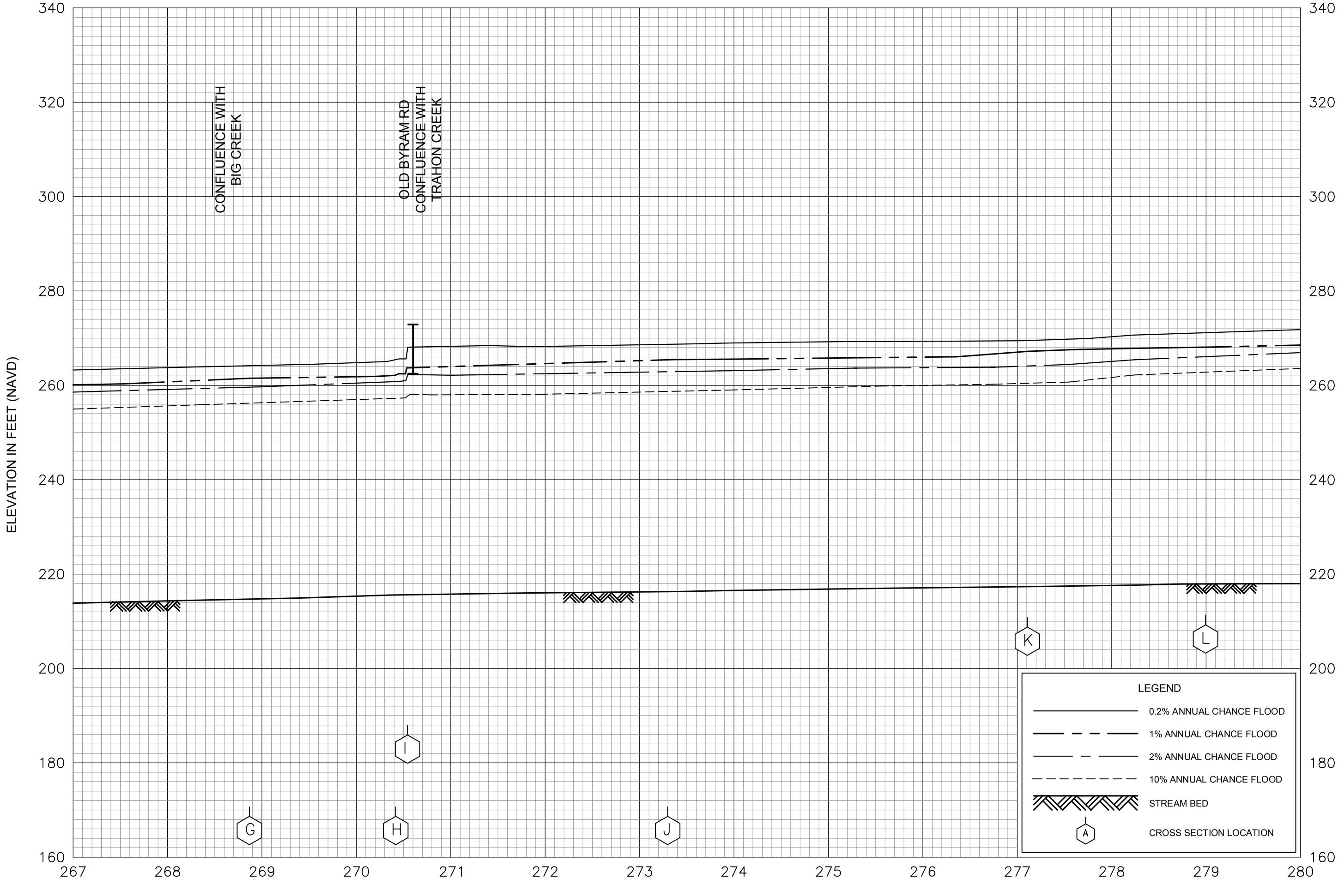
FLOOD PROFILES

PEARL RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

204P



FLOOD PROFILES

PEARL RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

205P

ELEVATION IN FEET (NAVD)

160 180 200 220 240 260 280 300 320 340

STREAM DISTANCE IN MILES ABOVE MOUTH

280 281 282 283 284 285 286 287 288 289 290 291 292 293

CONFLUENCE WITH CANY CREEK

CONFLUENCE WITH HARDY CREEK

CONFLUENCE WITH THREE MILE CREEK

CONFLUENCE WITH LYNCH CREEK

RAILROAD

OLD BYRAM RD

U.S. INTERSTATE 20

U.S.HIGHWAY 80

CONFLUENCE WITH TOWN CREEK

RAILROAD

OLD BRANDON ROAD

U.S. INTERSTATE 55

CONFLUENCE WITH BELHAVEN CREEK

RAILROAD

CONFLUENCE WITH EUBANKS CREEK

CONFLUENCE WITH TWIN LAKES CREEK G

LAKELAND DRIVE

CONFLUENCE WITH TWIN LAKES CREEK H

M N O P Q R S T U V W X Y Z AA AB AC AD

LEGEND

0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

2% ANNUAL CHANCE FLOOD

10% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

206P

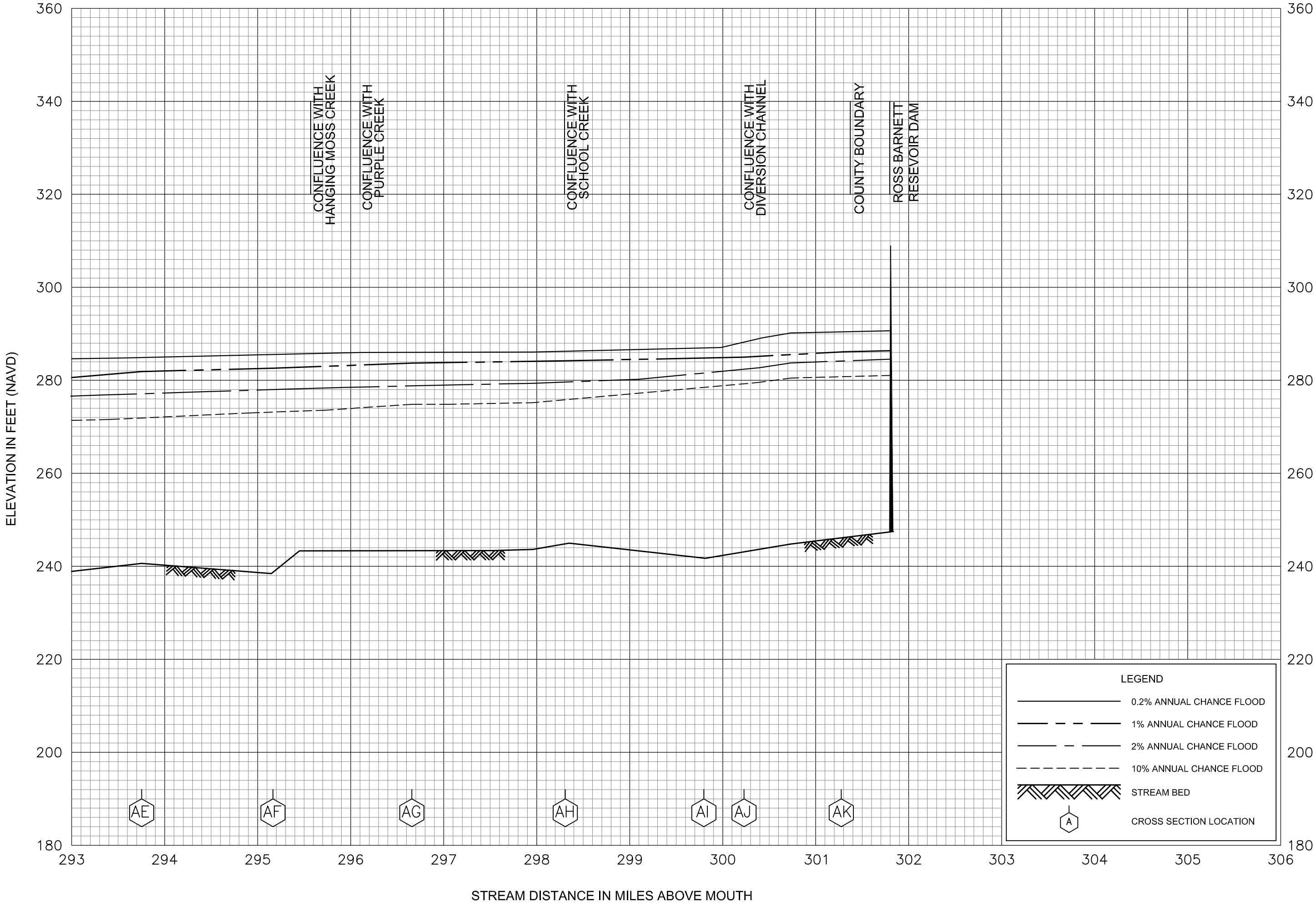
FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

FLOOD PROFILES

PEARL RIVER



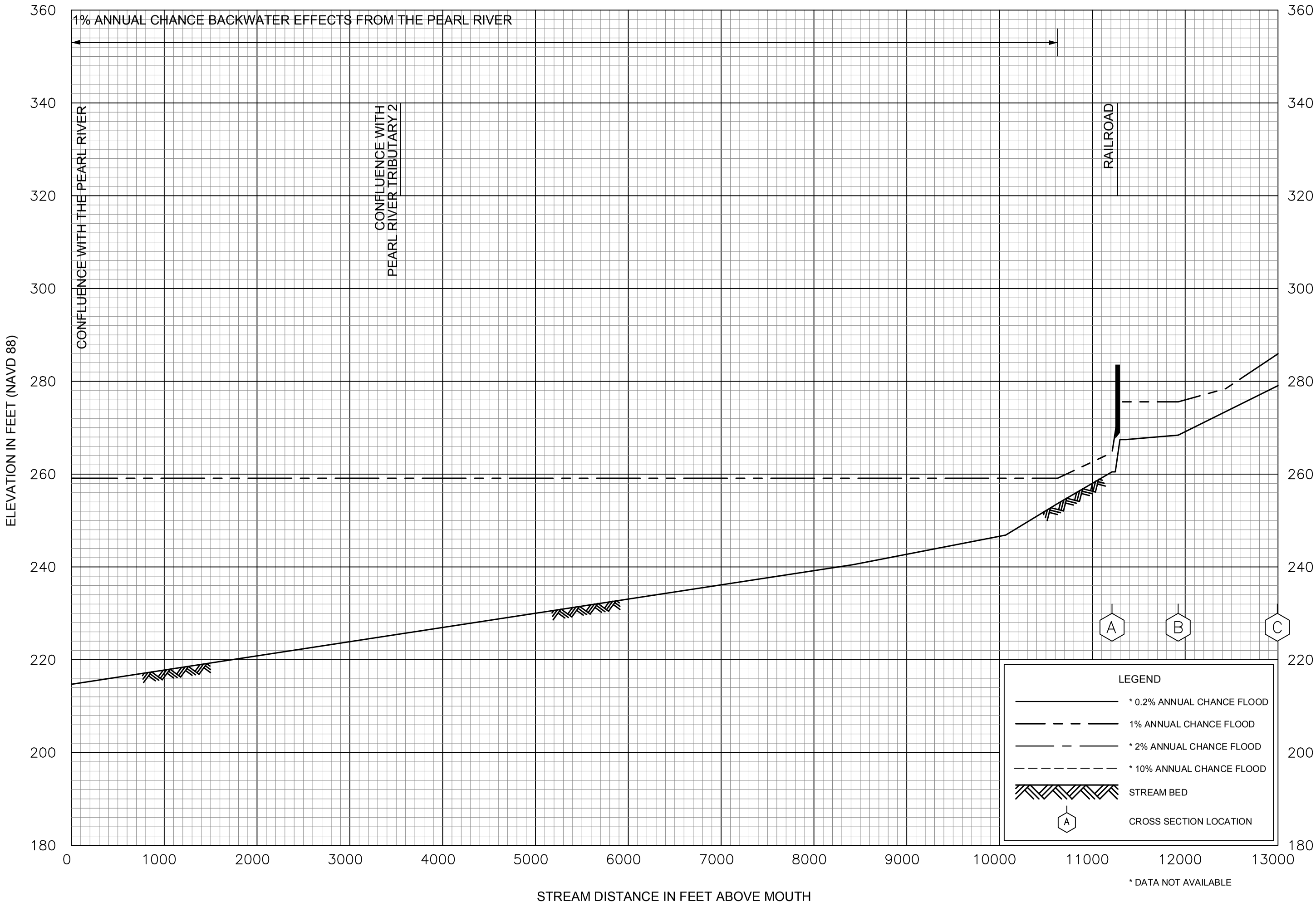
FLOOD PROFILES

PEARL RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

207P



FLOOD PROFILES

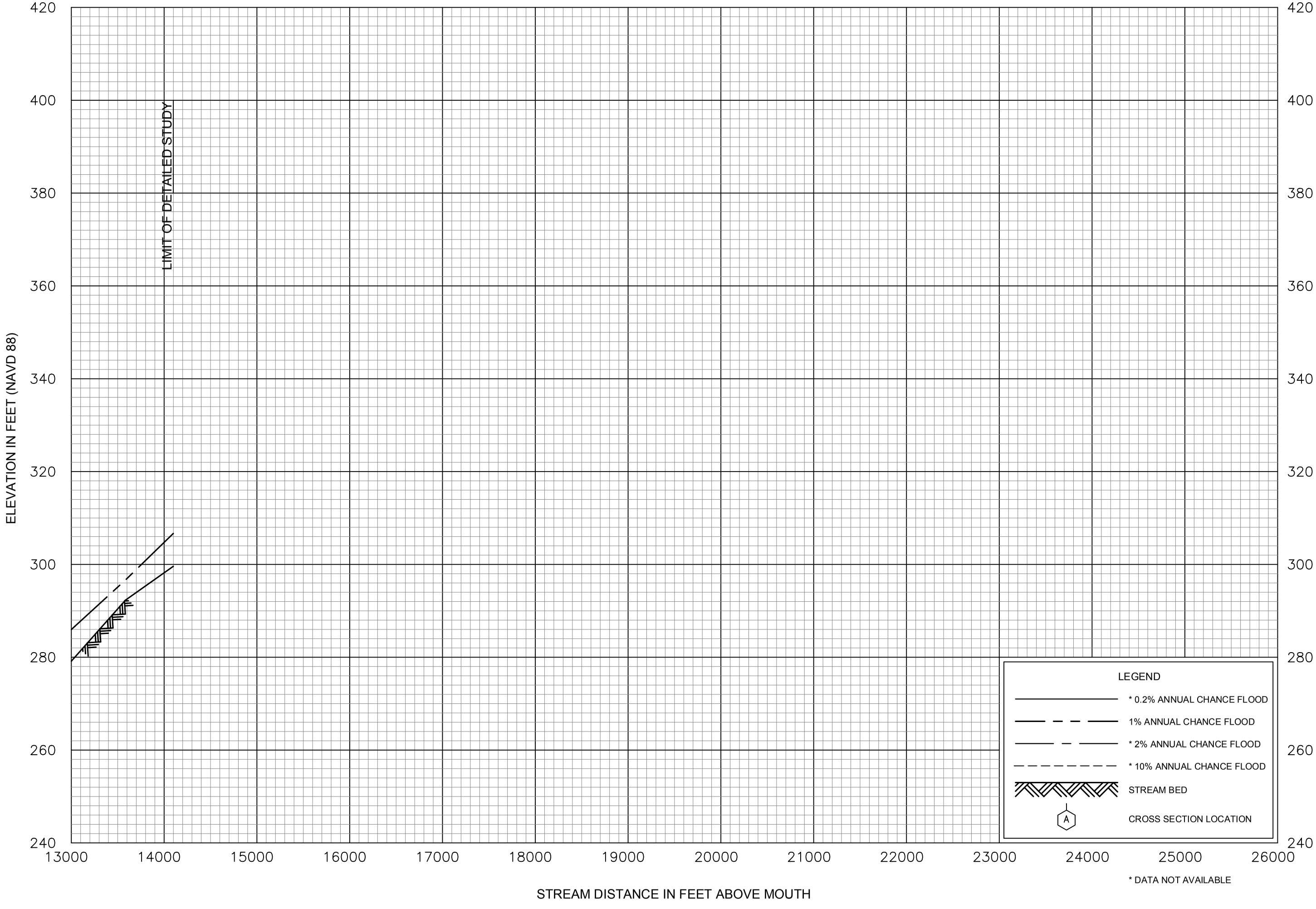
PEARL RIVER TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

208P



FLOOD PROFILES

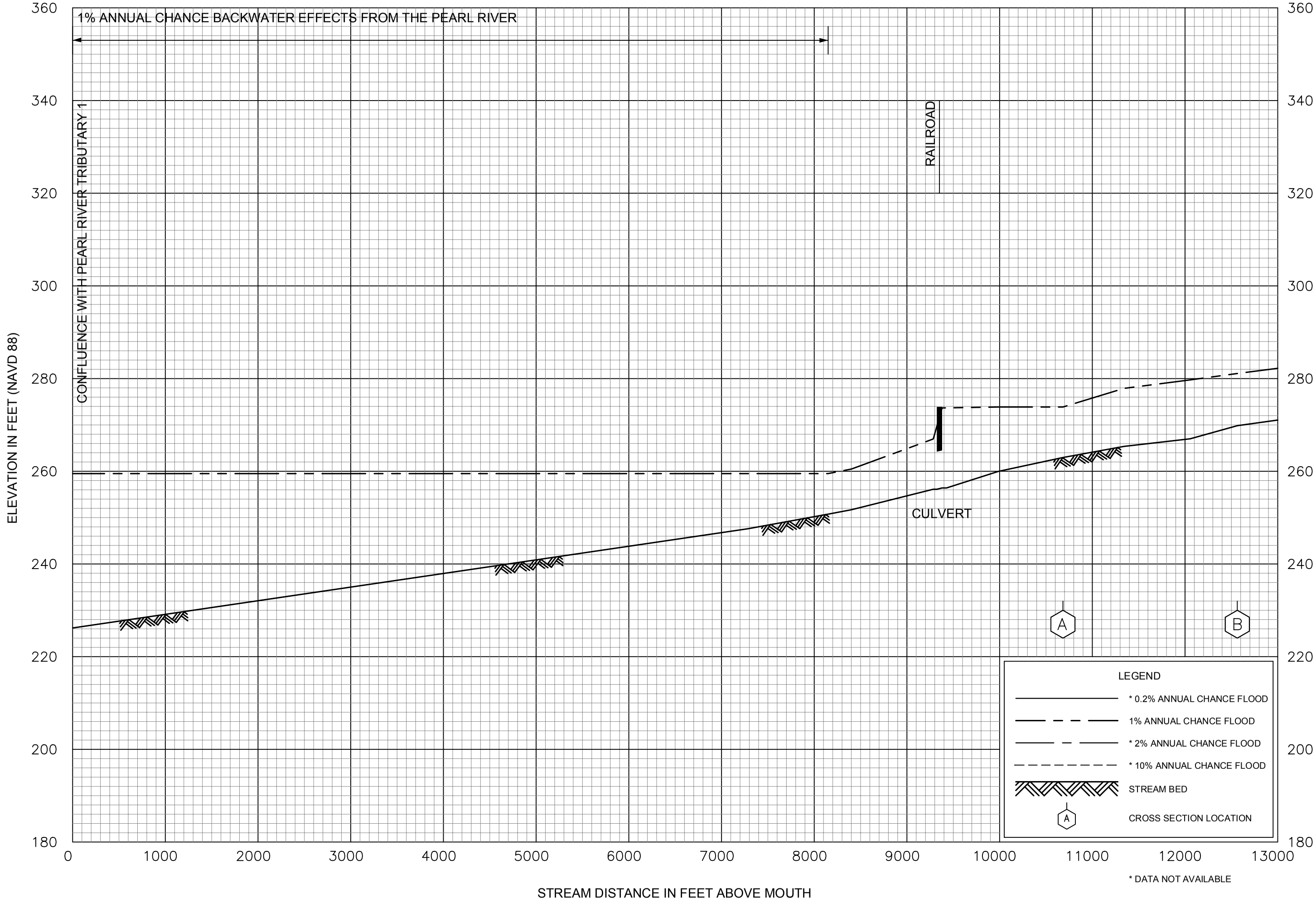
PEARL RIVER TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

209P



* DATA NOT AVAILABLE

FLOOD PROFILES

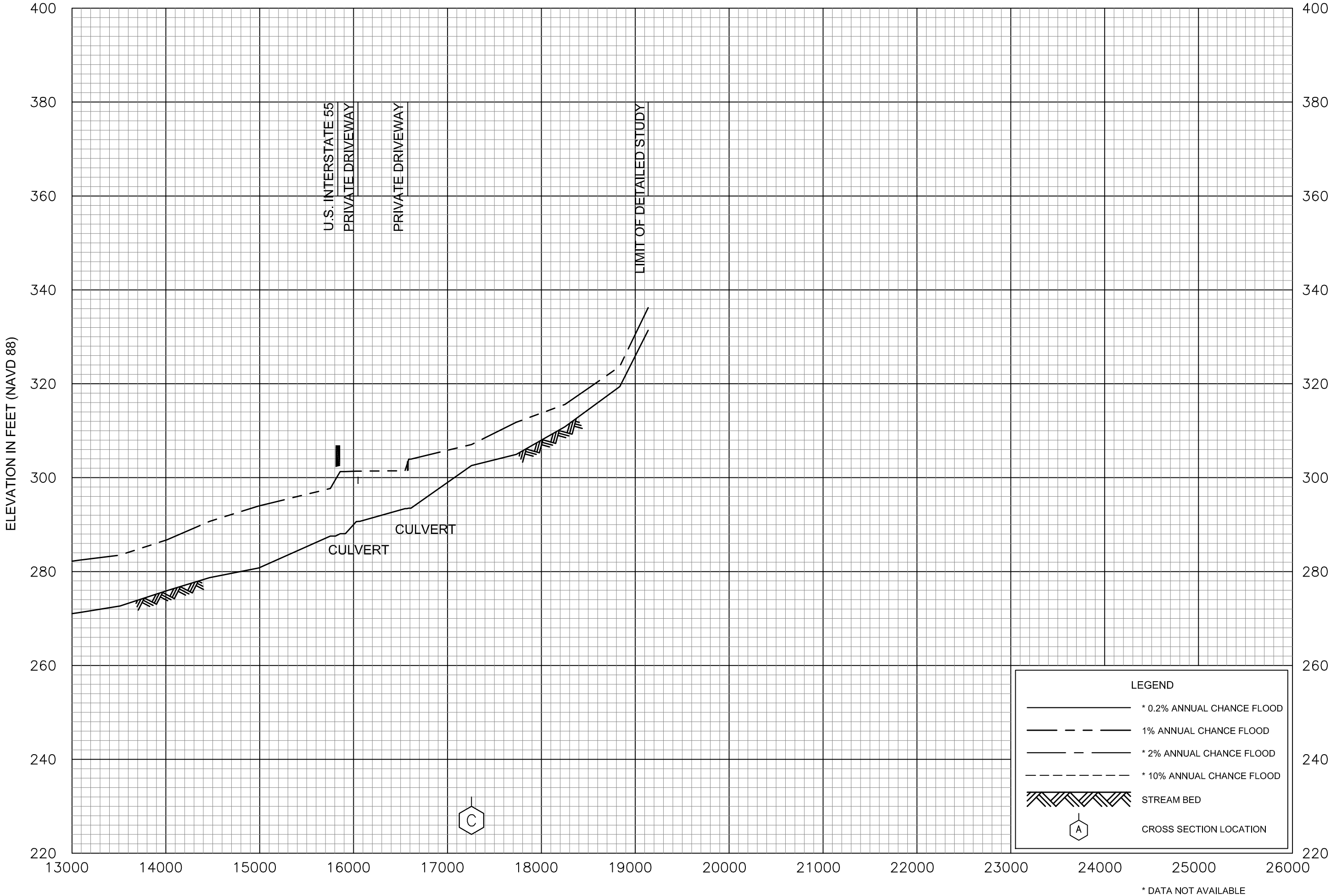
PEARL RIVER TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

210P



FLOOD PROFILES

PEARL RIVER TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

211P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

WESTBROOK ROAD

SEDGEWICK DRIVE

OLD CANTON ROAD

DOWNSTREAM FLOOD ELEVATIONS CONTROLLED BY PEARL RIVER

ELEVATION IN FEET (NAVD)

300
295
290
285
280
275
270
265
260
255

3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500

STREAM DISTANCE IN FEET ABOVE MOUTH

A

B

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

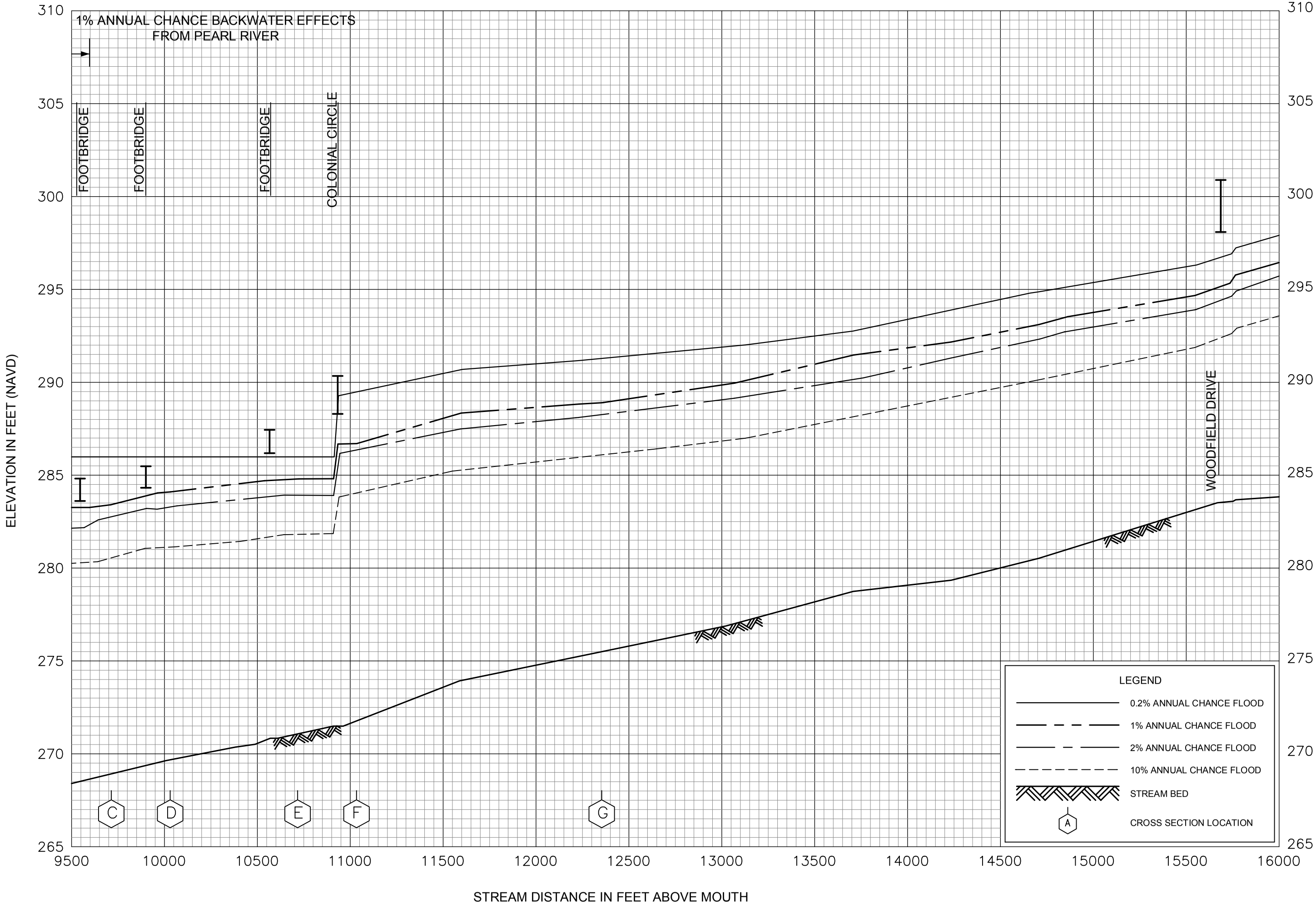
PURPLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

212P



FLOOD PROFILES

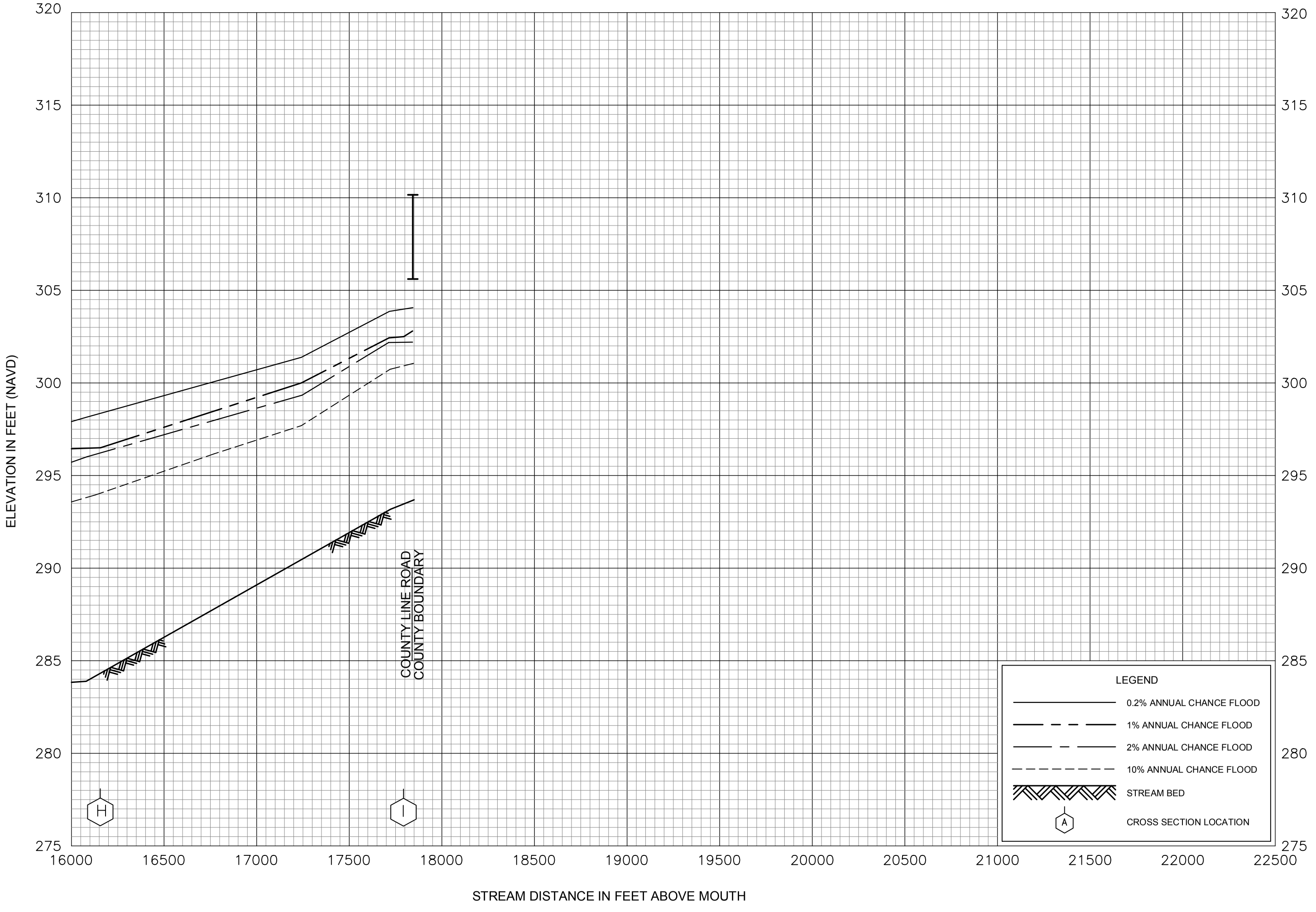
PURPLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

213P



FLOOD PROFILES

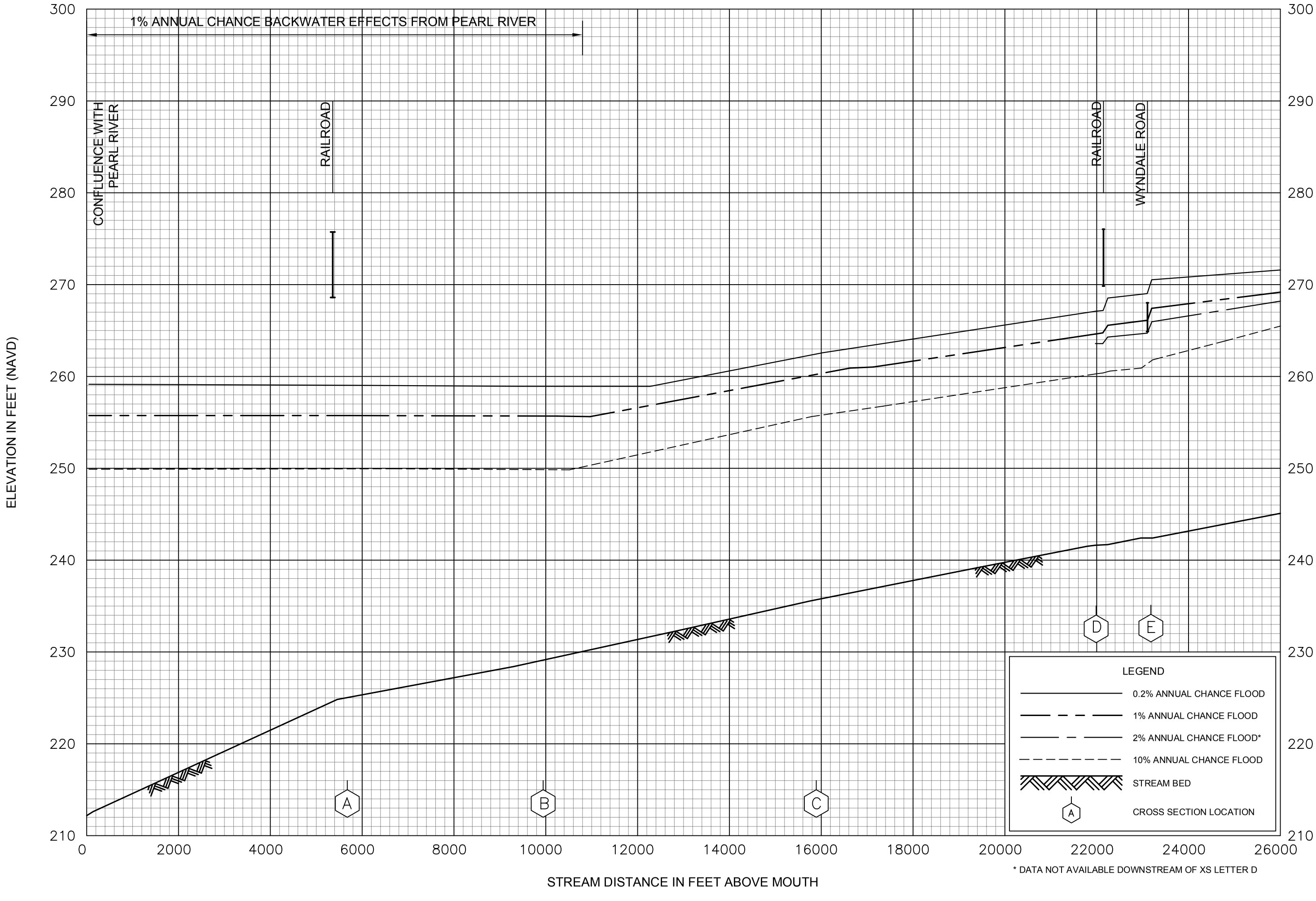
PURPLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

214P



FLOOD PROFILES

RHODES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

215P

ELEVATION IN FEET (NAVD)

320
310
300
290
280
270
260
250
240
230

CONFLUENCE WITH HARRIS CREEK

EAST FRONTAGE ROAD
U.S. INTERSTATE 55
WEST FRONTAGE ROAD

OLD HIGHWAY 51

F
G
H
I
J
K
L
M
N
O

LEGEND

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

26000 28000 30000 32000 34000 36000 38000 40000 42000 44000 46000 48000 50000 52000

STREAM DISTANCE IN FEET ABOVE MOUTH

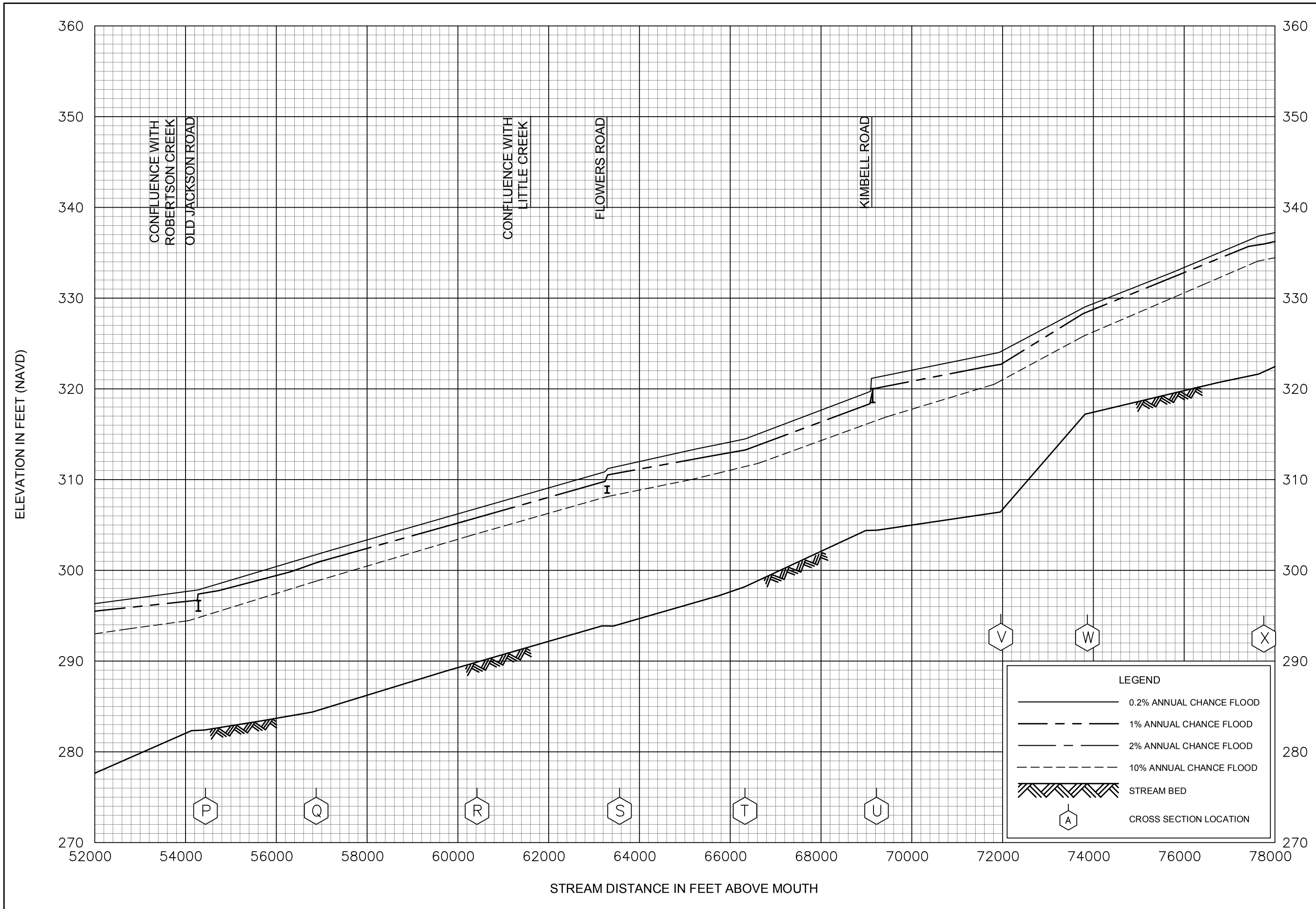
FLOOD PROFILES

RHODES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

216P



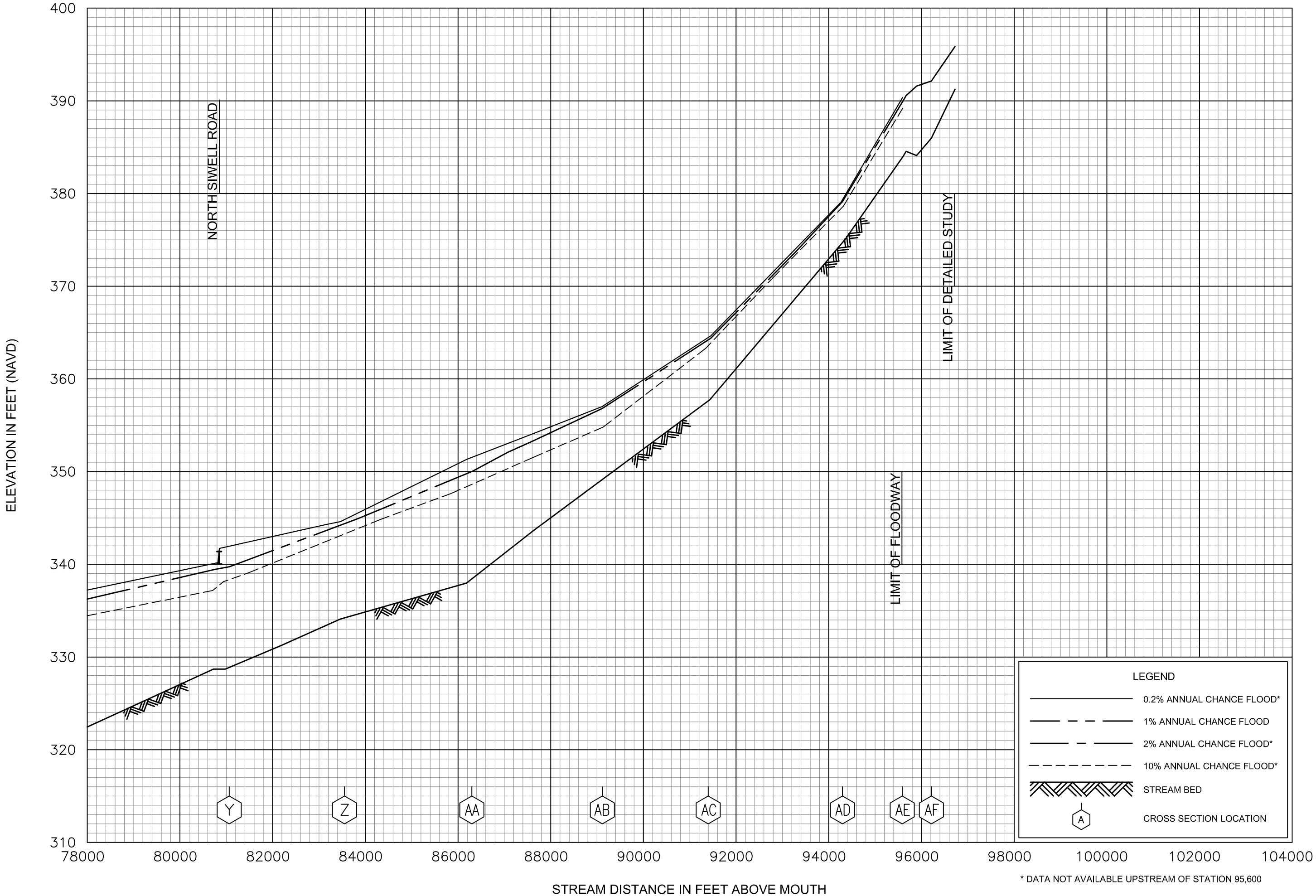
FLOOD PROFILES

RHODES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

217P



* DATA NOT AVAILABLE UPSTREAM OF STATION 95,600

FLOOD PROFILES

RHODES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

1% ANNUAL CHANCE BACKWATER EFFECTS FROM RHODES CREEK

CONFLUENCE WITH RHODES CREEK

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD 88)

300
290
280
270
260
250
240
230
220
210

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500

STREAM DISTANCE IN FEET ABOVE MOUTH

A B

LEGEND

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

* DATA NOT AVAILABLE

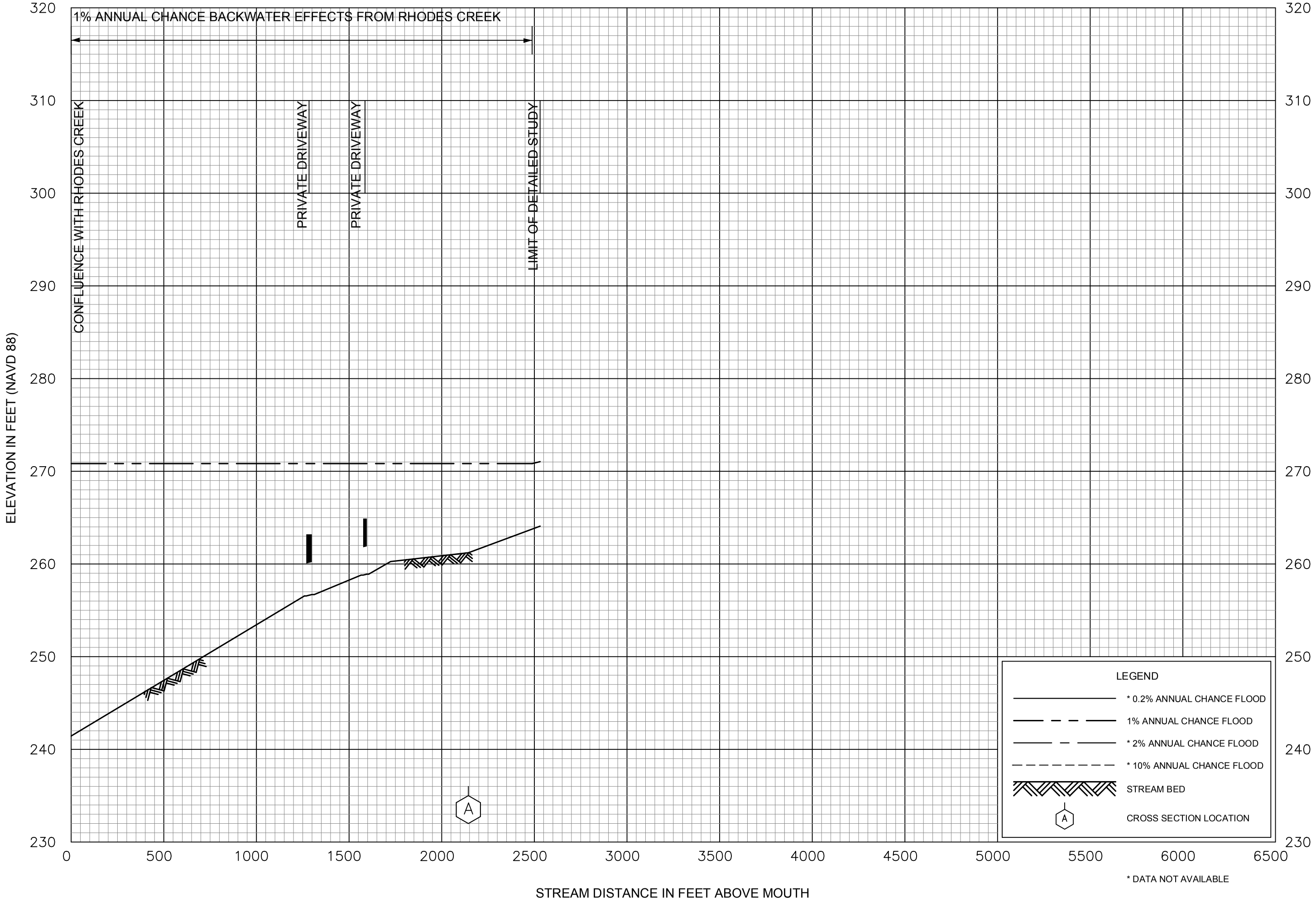
FLOOD PROFILES

RHODES CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

219P



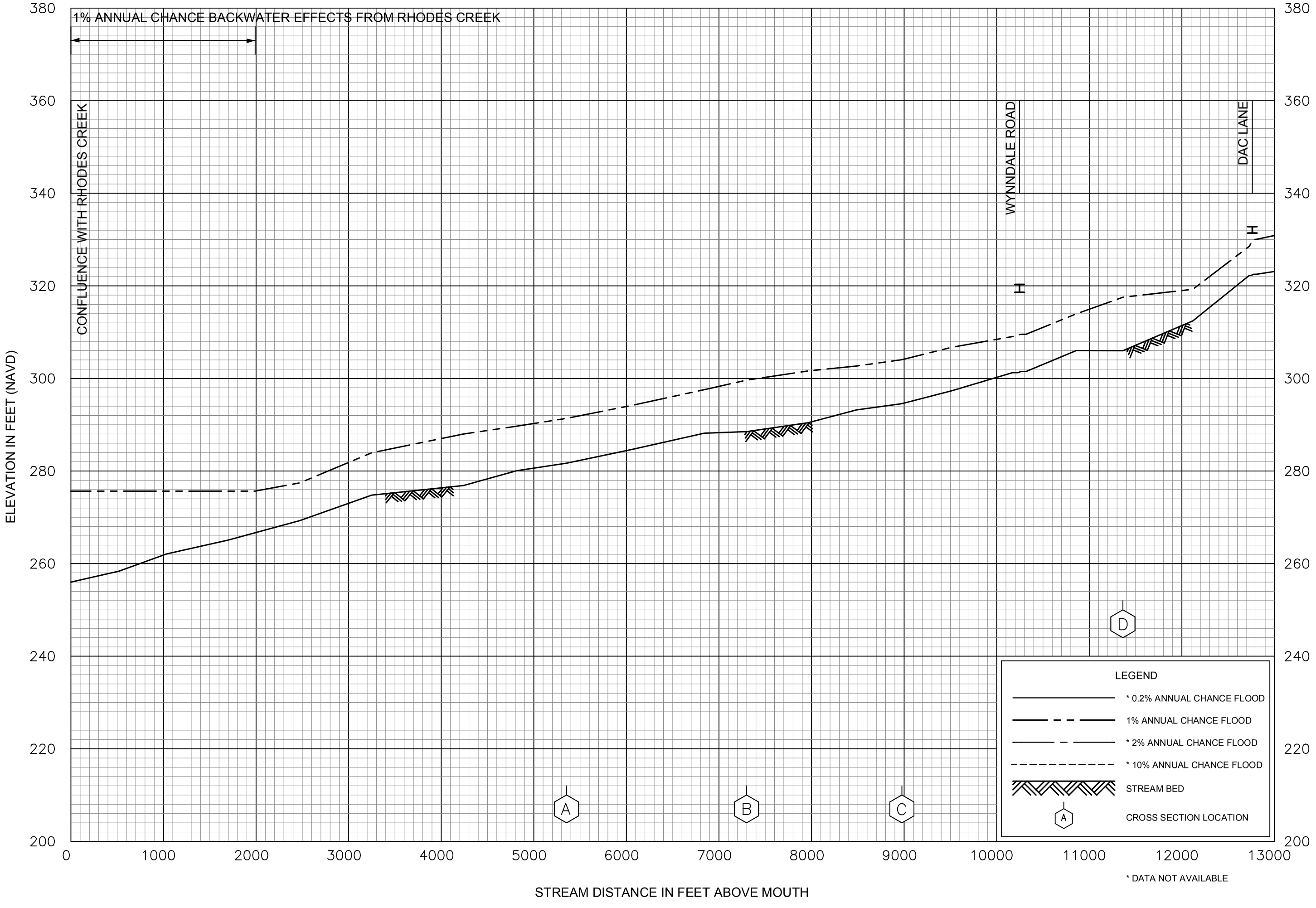
FLOOD PROFILES

RHODES CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

220P



FLOOD PROFILES

RHODES CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

221P

ELEVATION IN FEET (NAVD

460
440
420
400
380
360
340
320
300
280

LIMIT OF DETAILED STUDY

13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000

STREAM DISTANCE IN FEET ABOVE MOUTH

E

LEGEND

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

* DATA NOT AVAILABLE

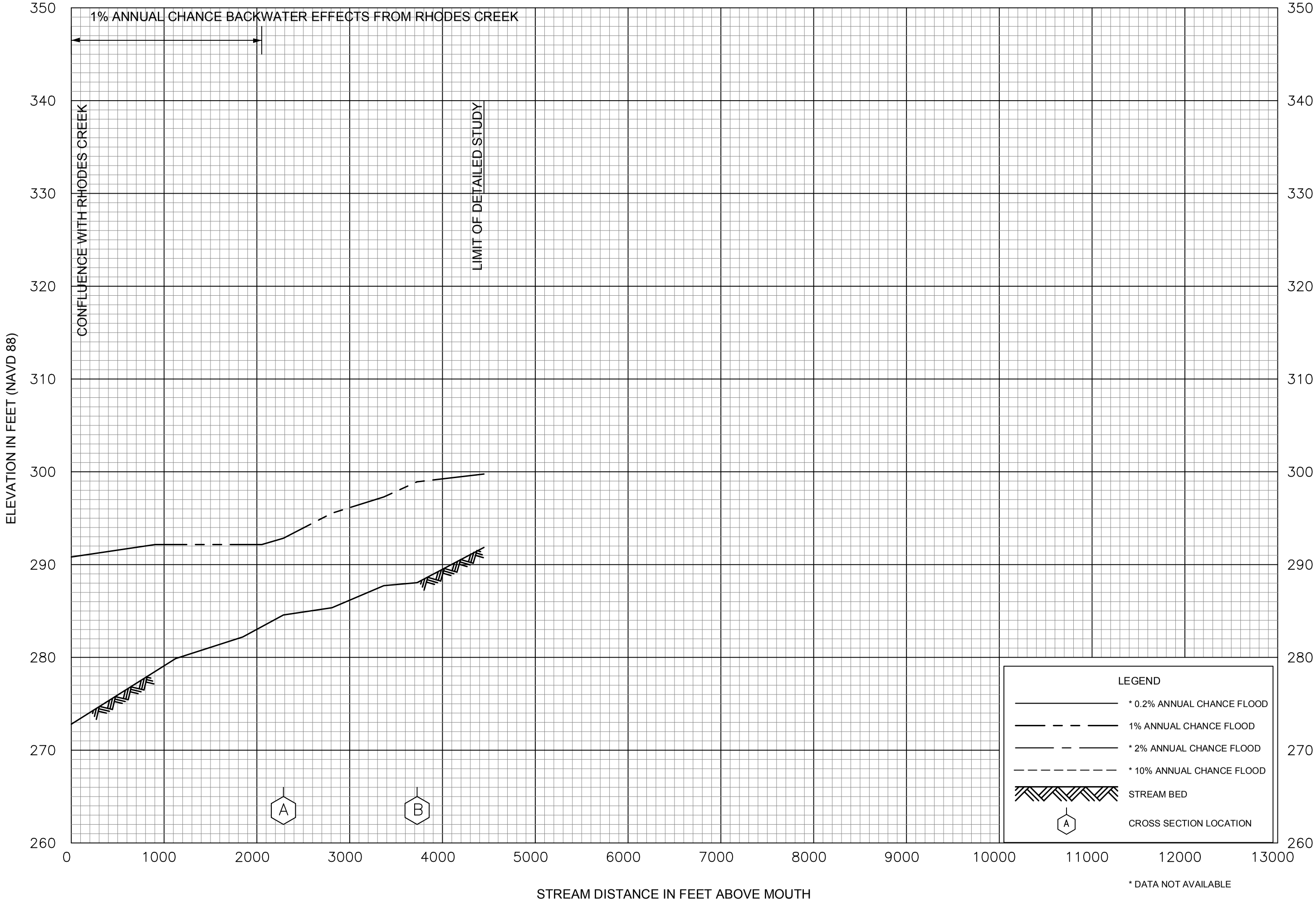
FLOOD PROFILES

RHODES CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

222P



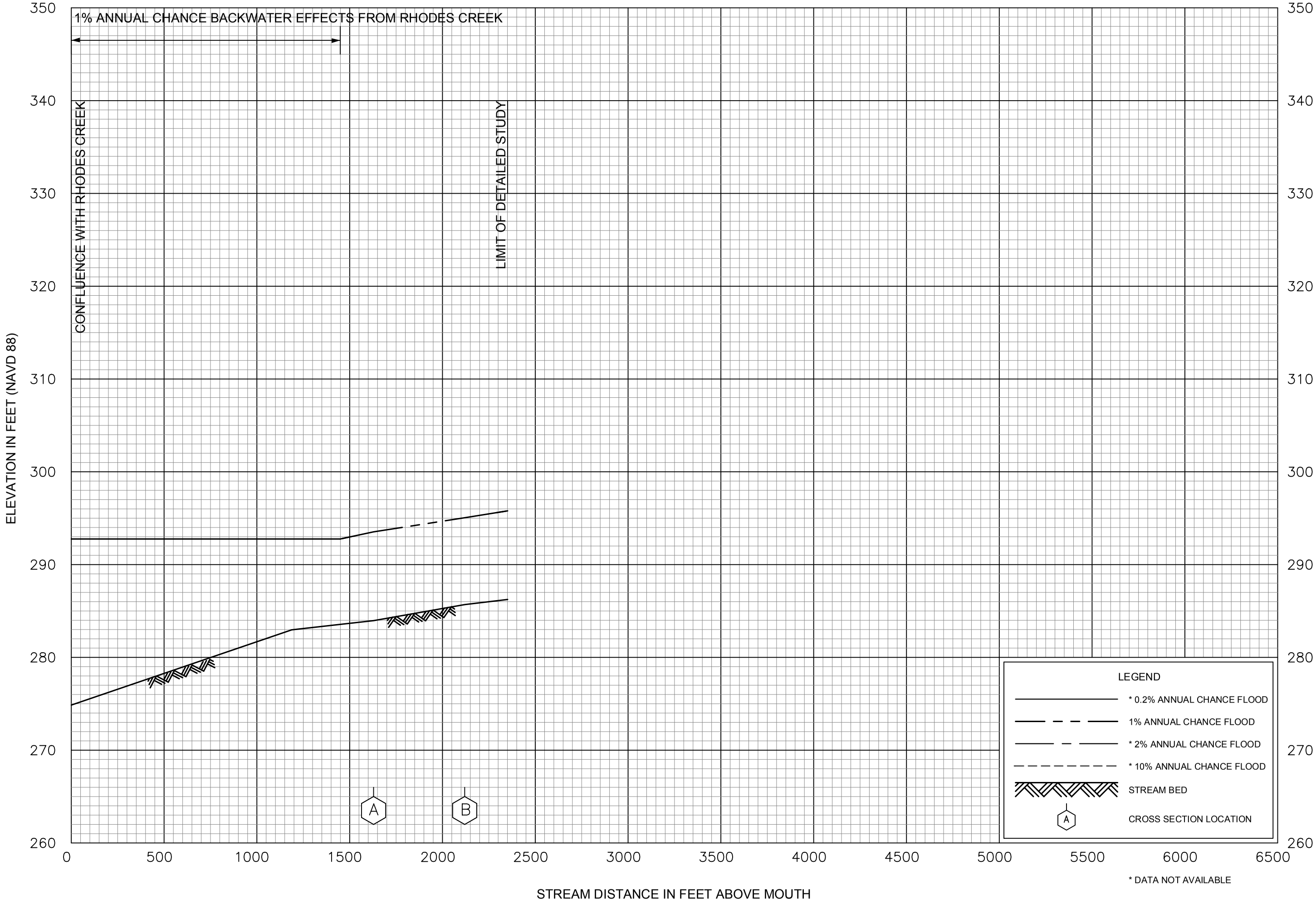
FLOOD PROFILES

RHODES CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

223P



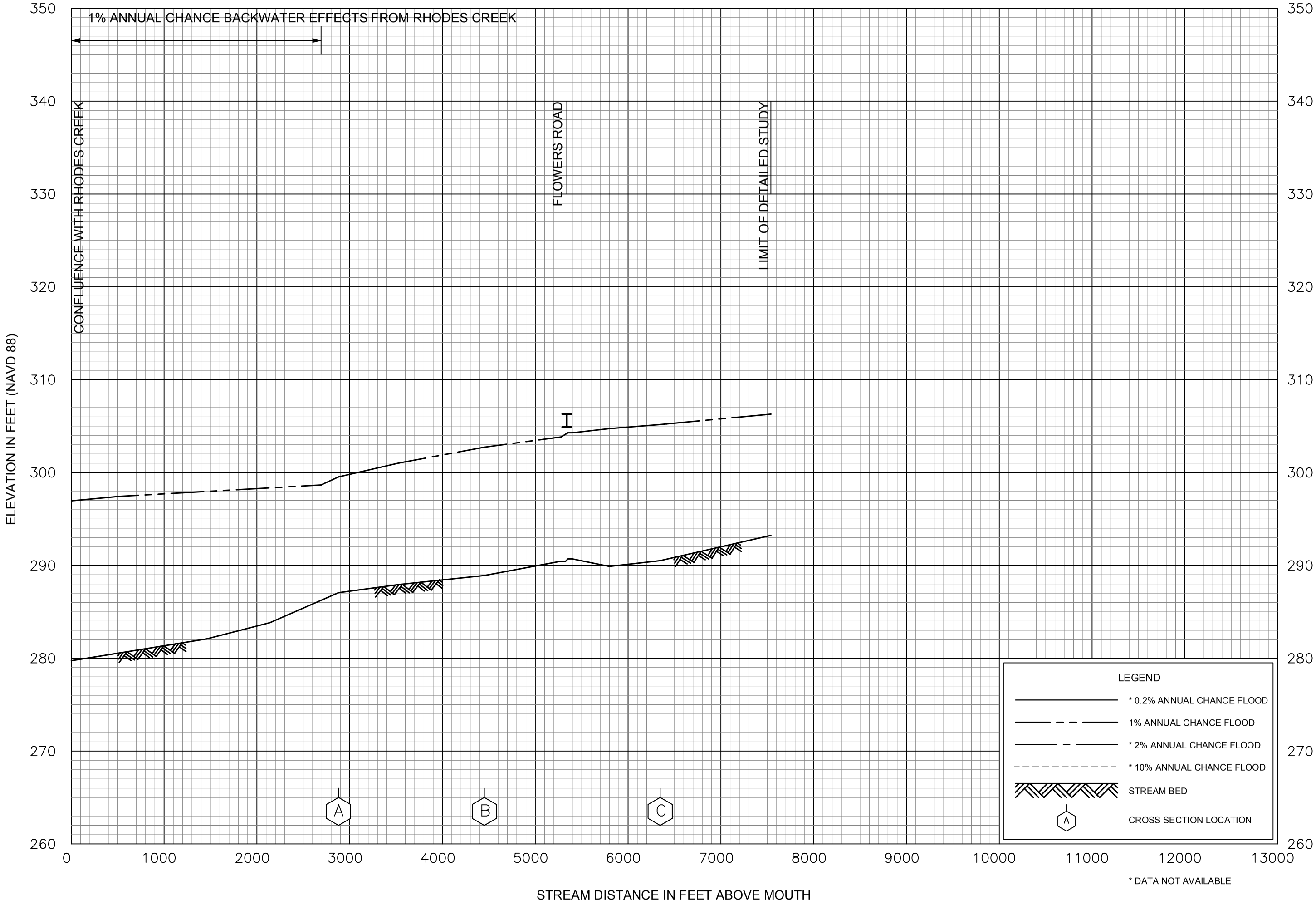
FLOOD PROFILES

RHODES CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

224P



FLOOD PROFILES

ROBERTSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

225P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

CONFLUENCE WITH THE PEARL RIVER

SAINT ANDREWS DRIVE

FIELD ROAD

ELEVATION IN FEET (NAVD)

295
290
285
280
275
270
265
260
255
250

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D

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

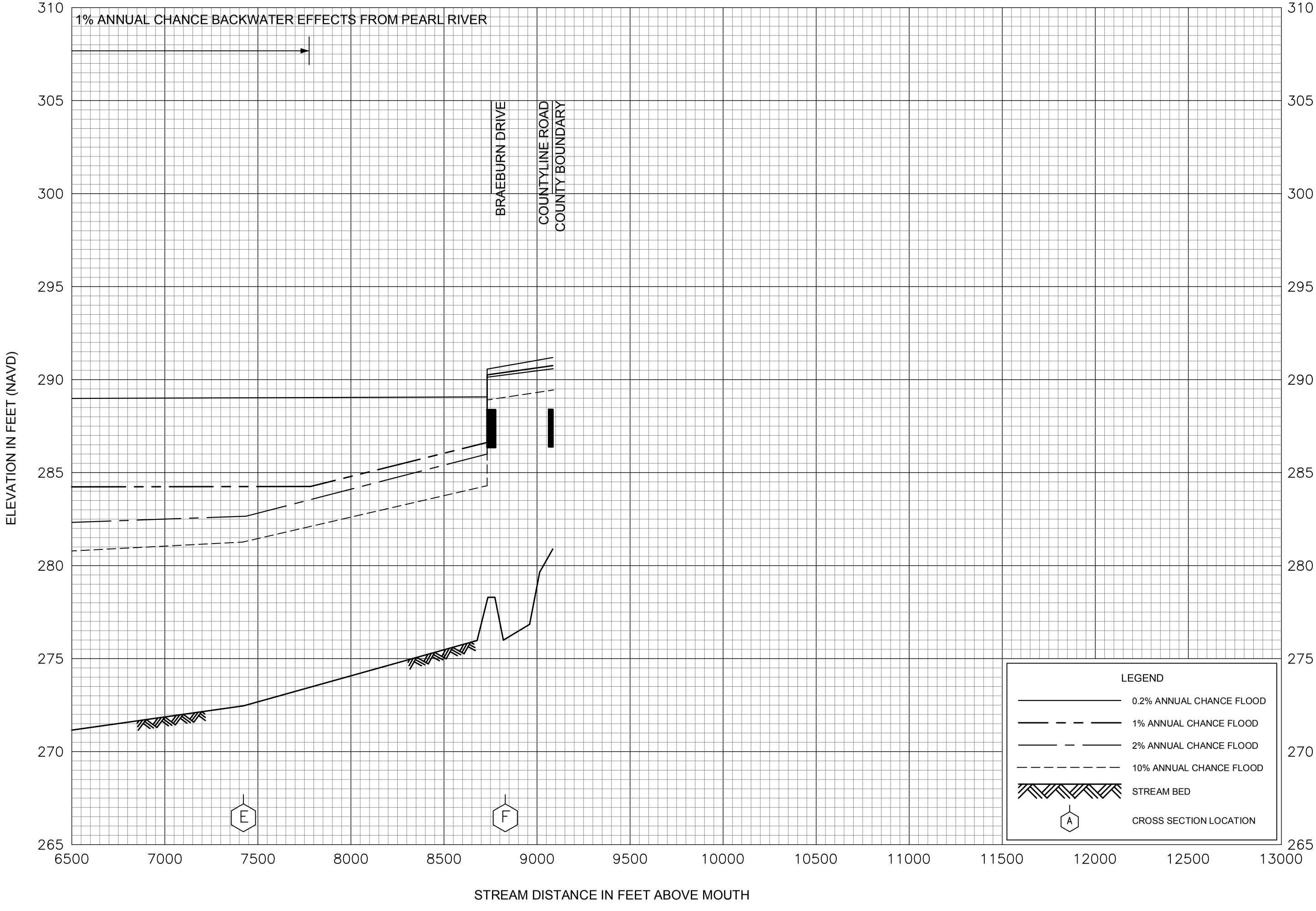
SCHOOL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

226P



FLOOD PROFILES

SCHOOL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

227P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM BAKERS CREEK

RAILROAD

McRAVEN ROAD

WELLS ROAD

SPRINGRIDGE ROAD

CONFLUENCE WITH SMITH CREEK TRIBUTARY 1

CONFLUENCE WITH BAKERS CREEK

ELEVATION IN FEET (NAVD)

320
310
300
290
280
270
260
250
240
230

0
2,000
4,000
6,000
8,000
10,000
12,000
14,000
16,000
18,000
20,000
22,000
24,000
26,000

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C
D
E
F
G
H
I
J
K
L
M

LEGEND

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

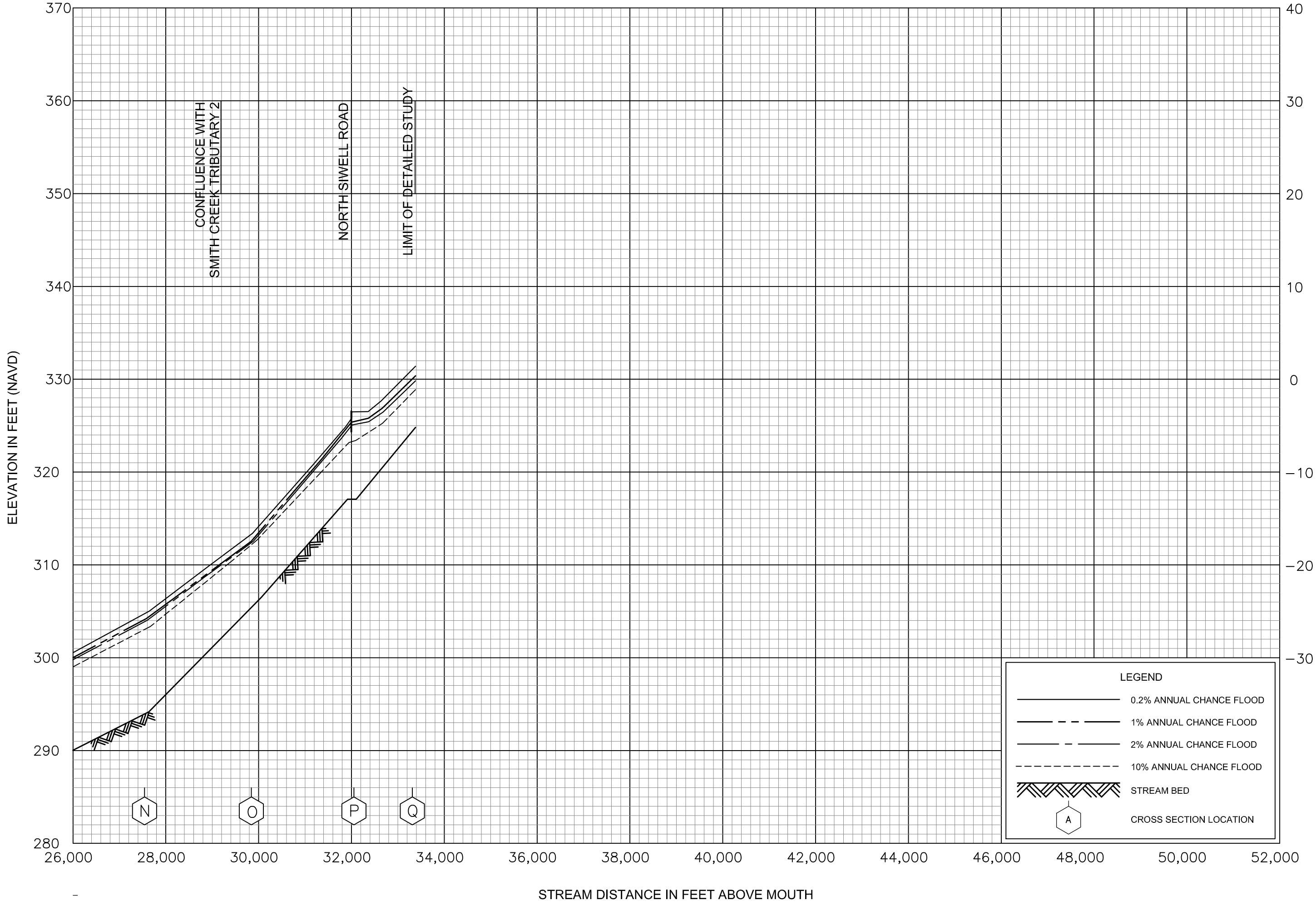
FLOOD PROFILES

SMITH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

228P



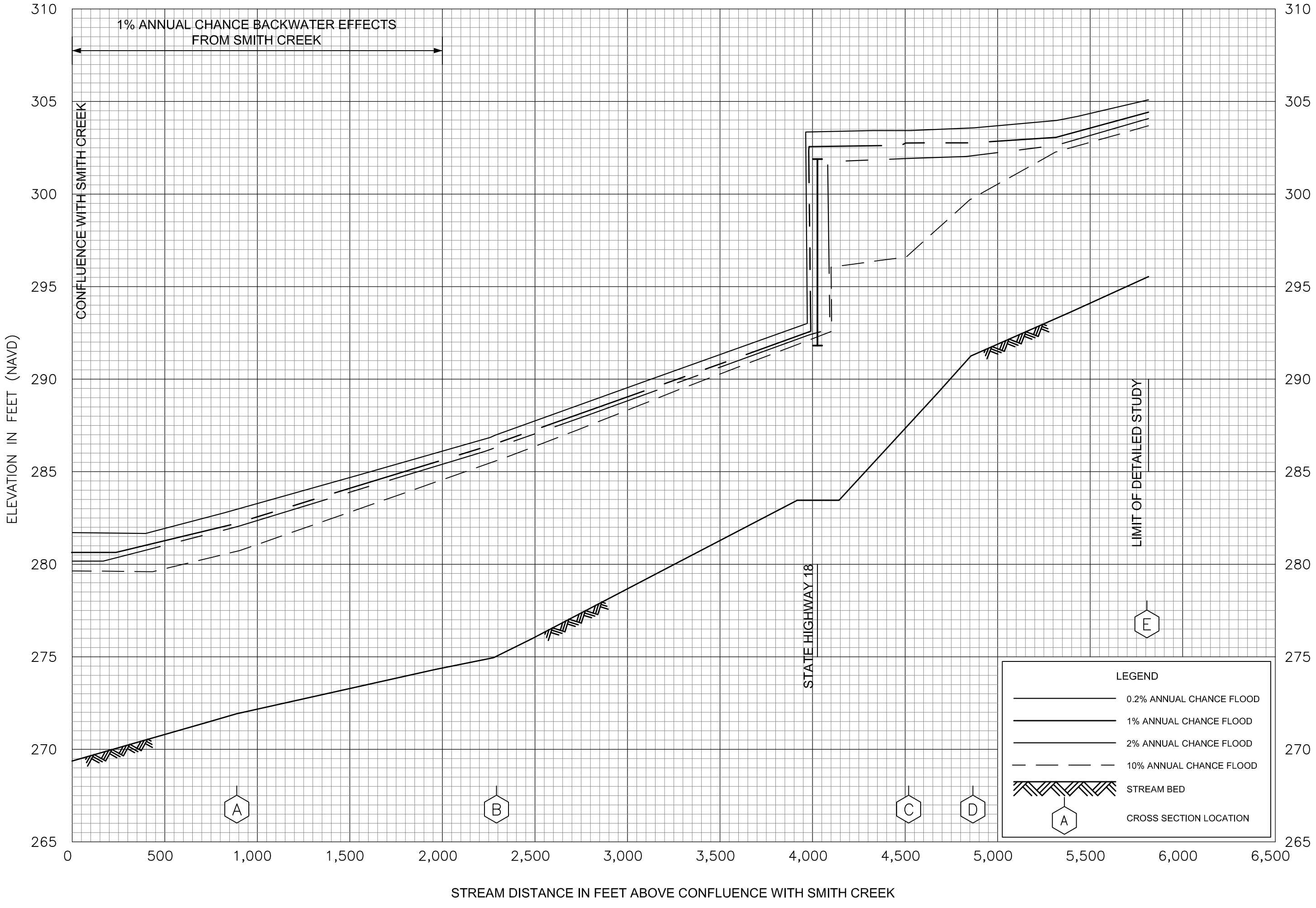
FLOOD PROFILES

SMITH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

229P



FLOOD PROFILES

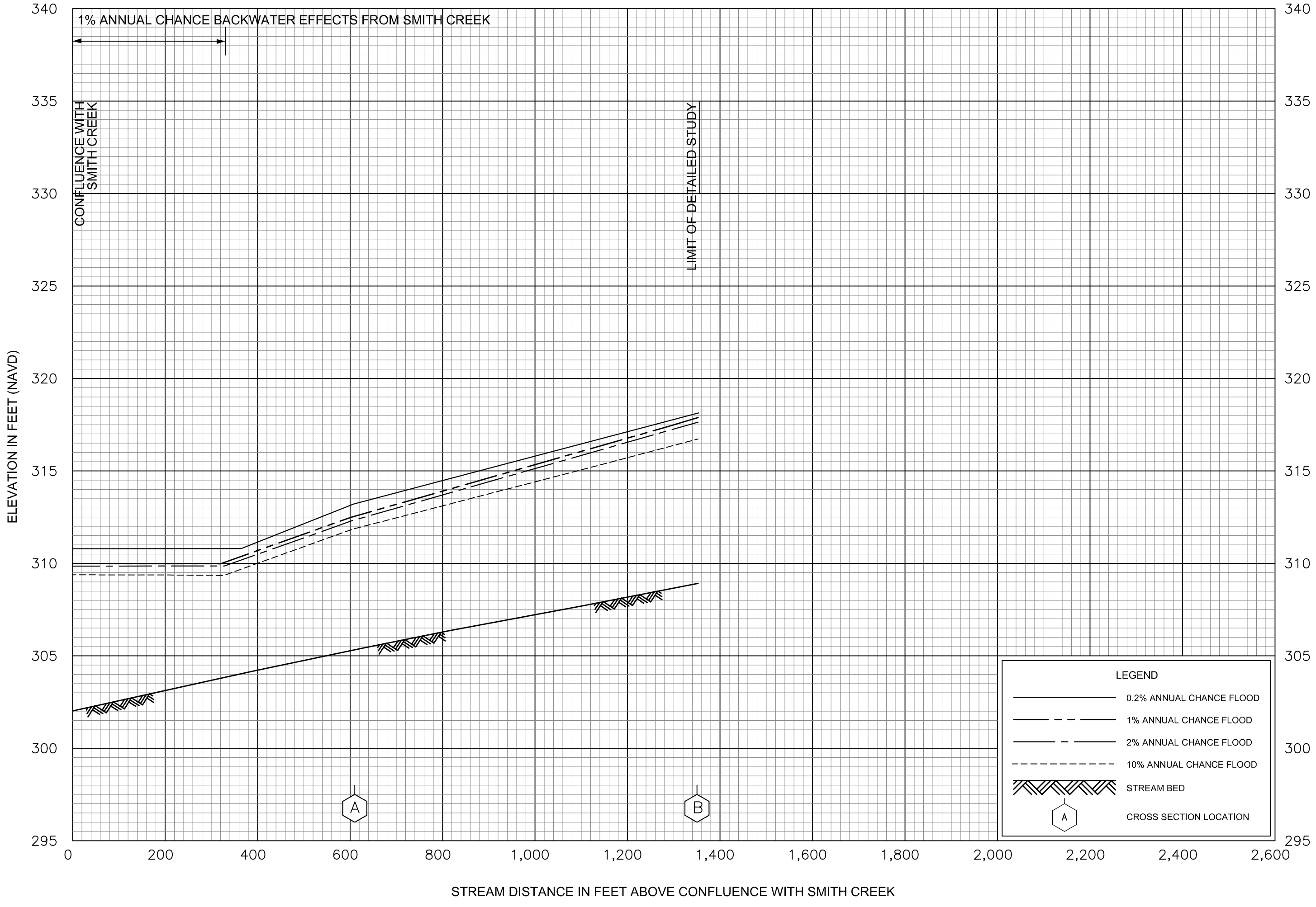
SMITH CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

230P



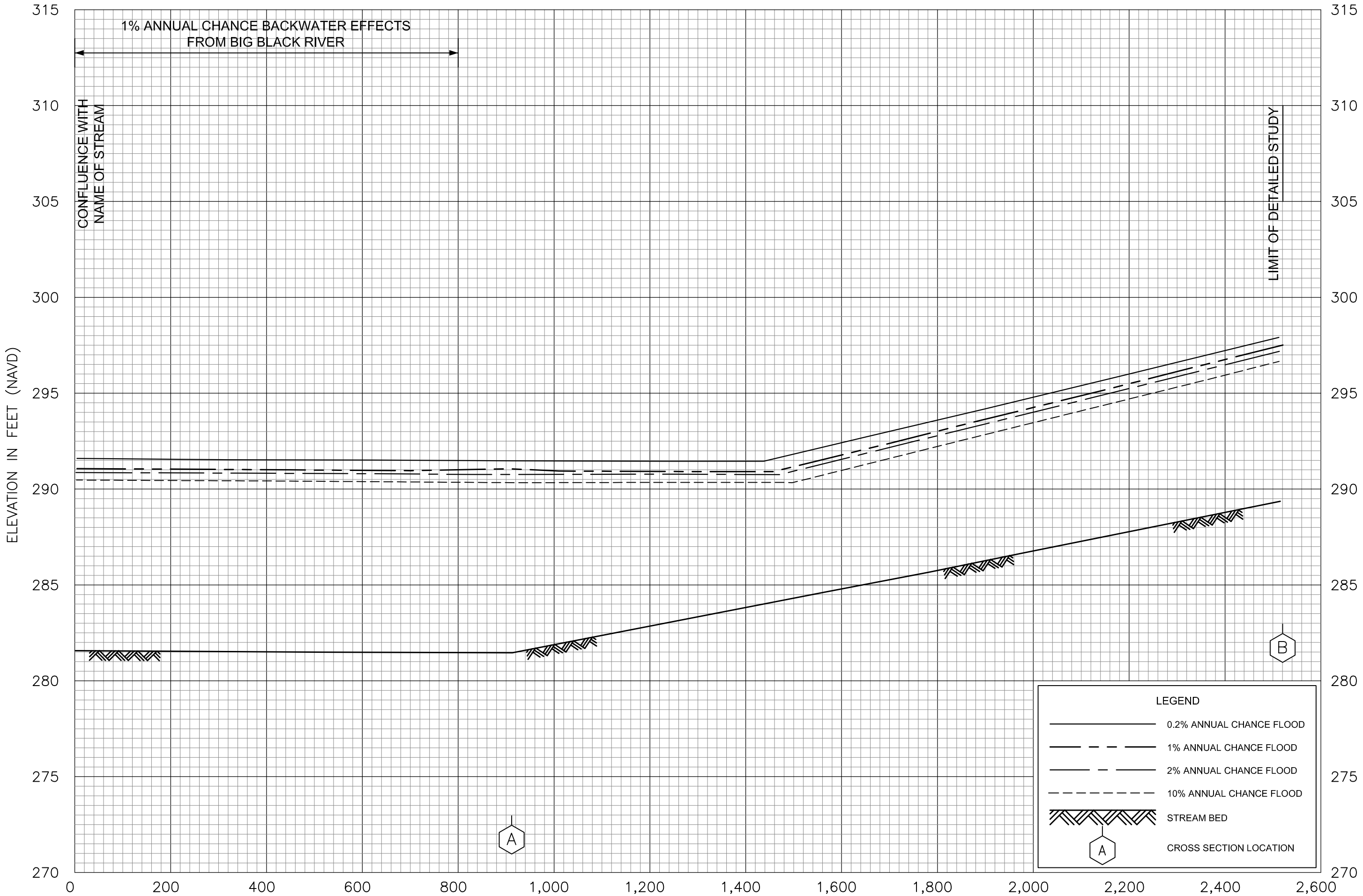
FLOOD PROFILES

SMITH CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

231P



FLOOD PROFILES

SMITH CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

232P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM SMITH CREEK

CONFLUENCE WITH SMITH CREEK

WELLS ROAD

ELEVATION IN FEET (NAVD)

310
300
290
280
270
260
250
240
230
220

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500

STREAM DISTANCE IN FEET ABOVE MOUTH

A

B

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

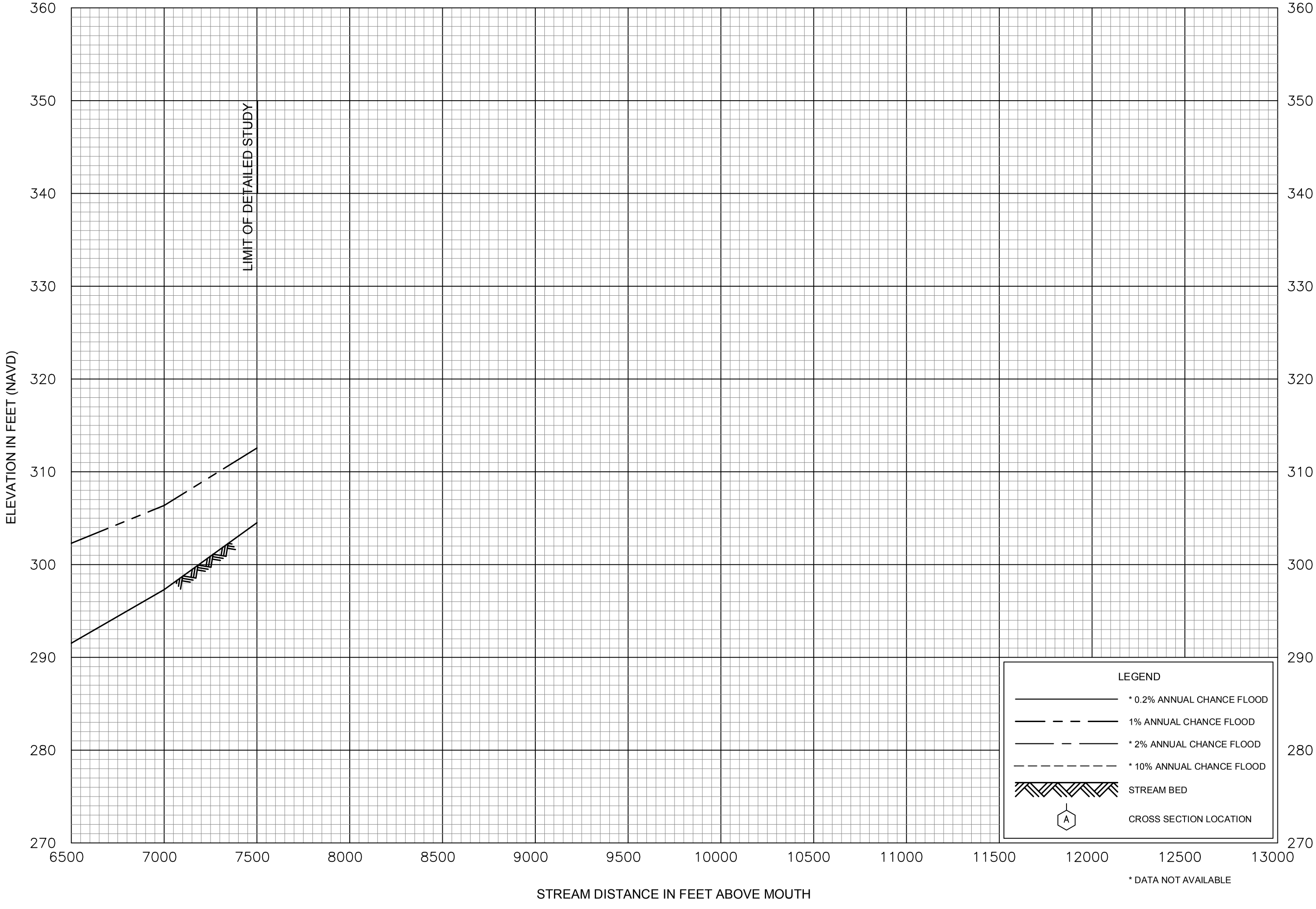
SMITH CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

233P



FLOOD PROFILES

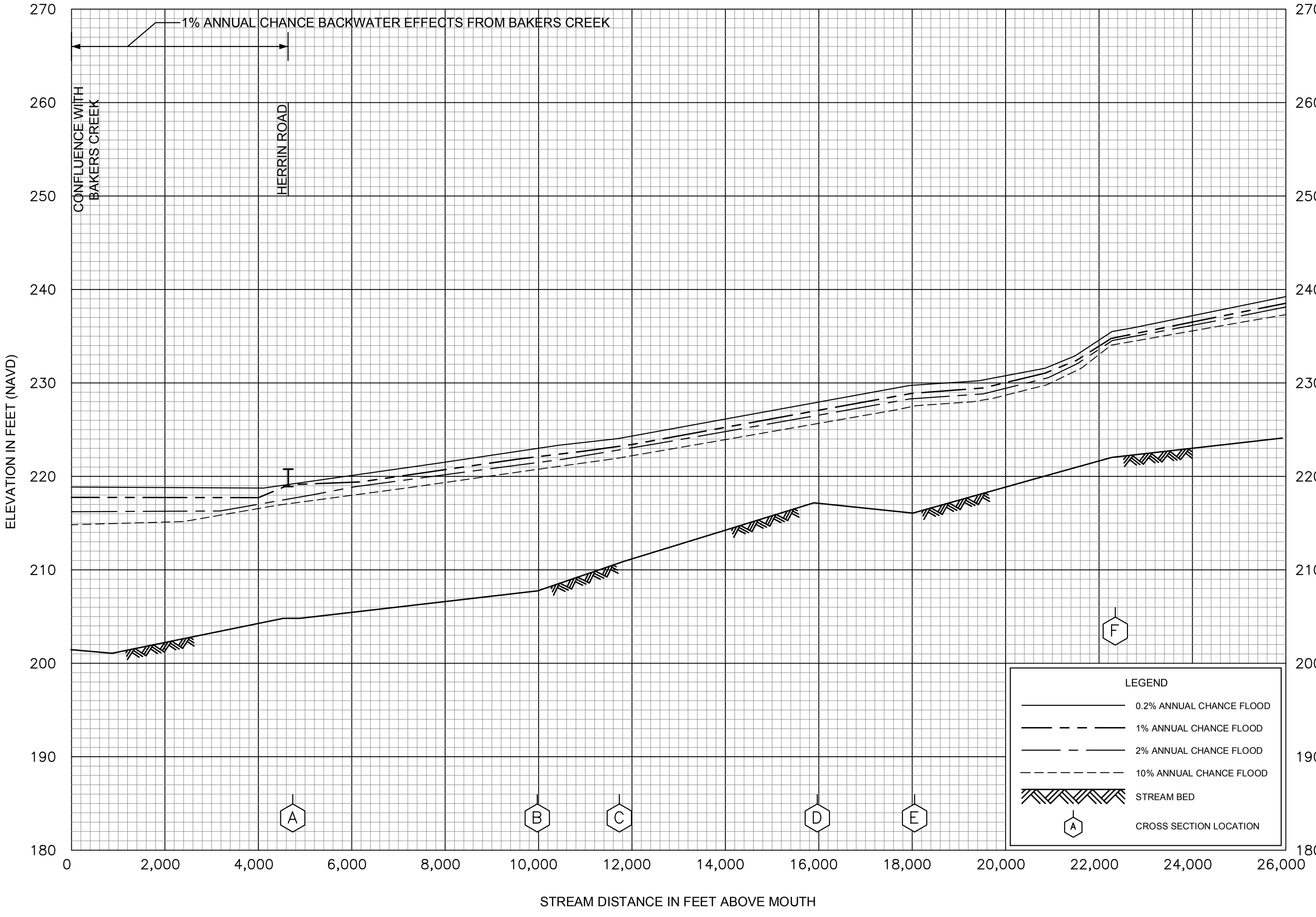
SMITH CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

234P



FLOOD PROFILES

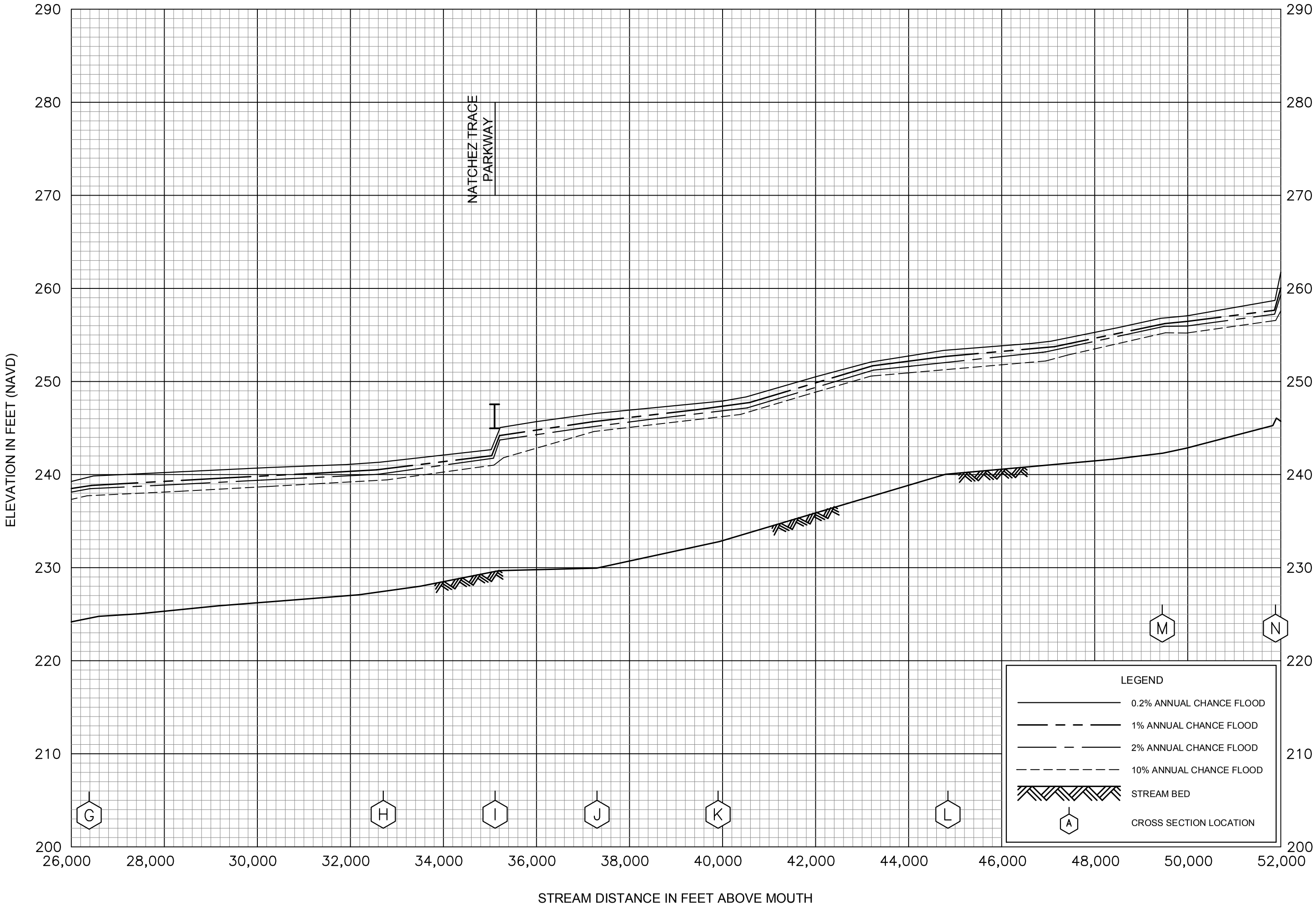
SNAKE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

235P



FLOOD PROFILES

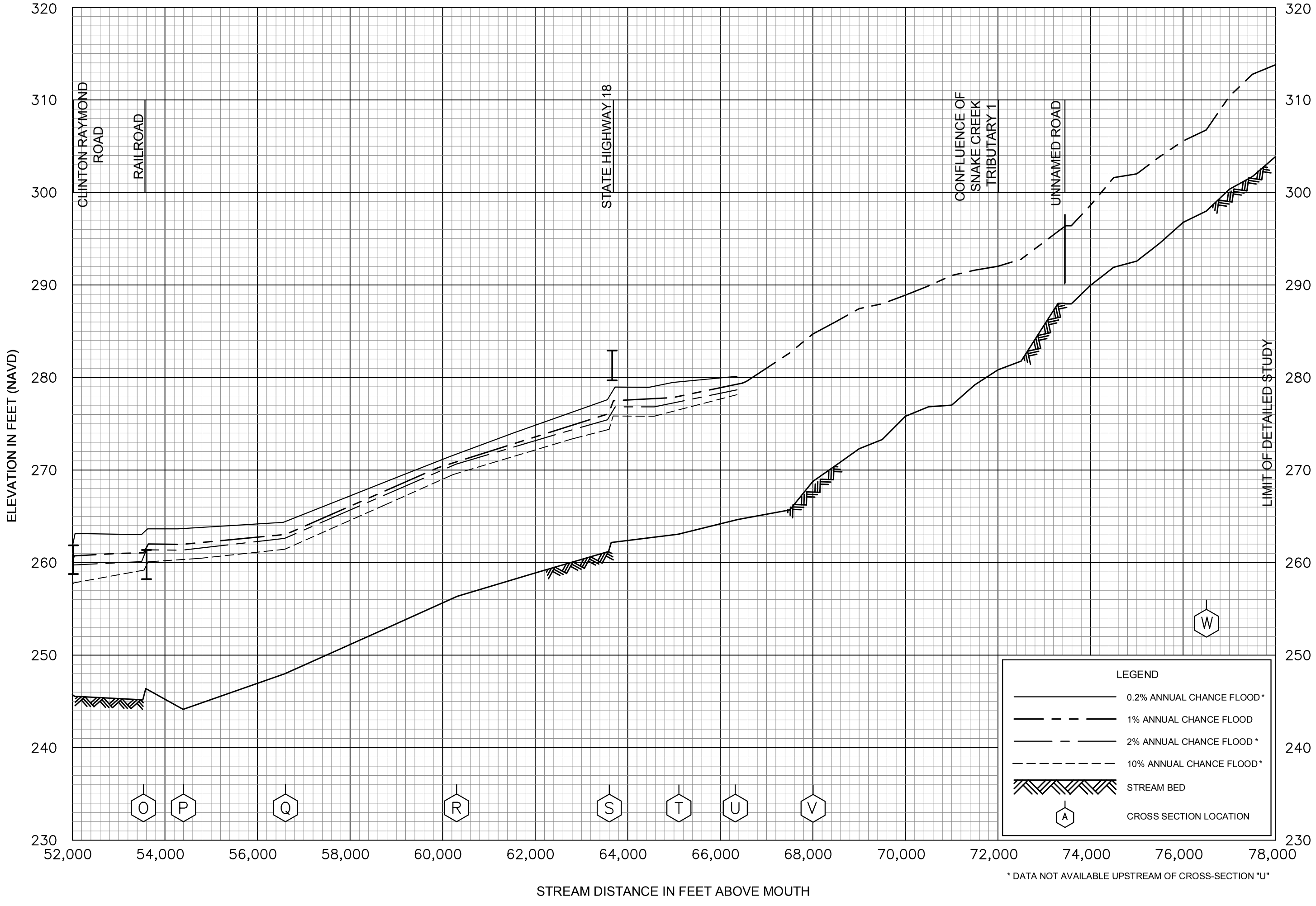
SNAKE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

236P



FLOOD PROFILES

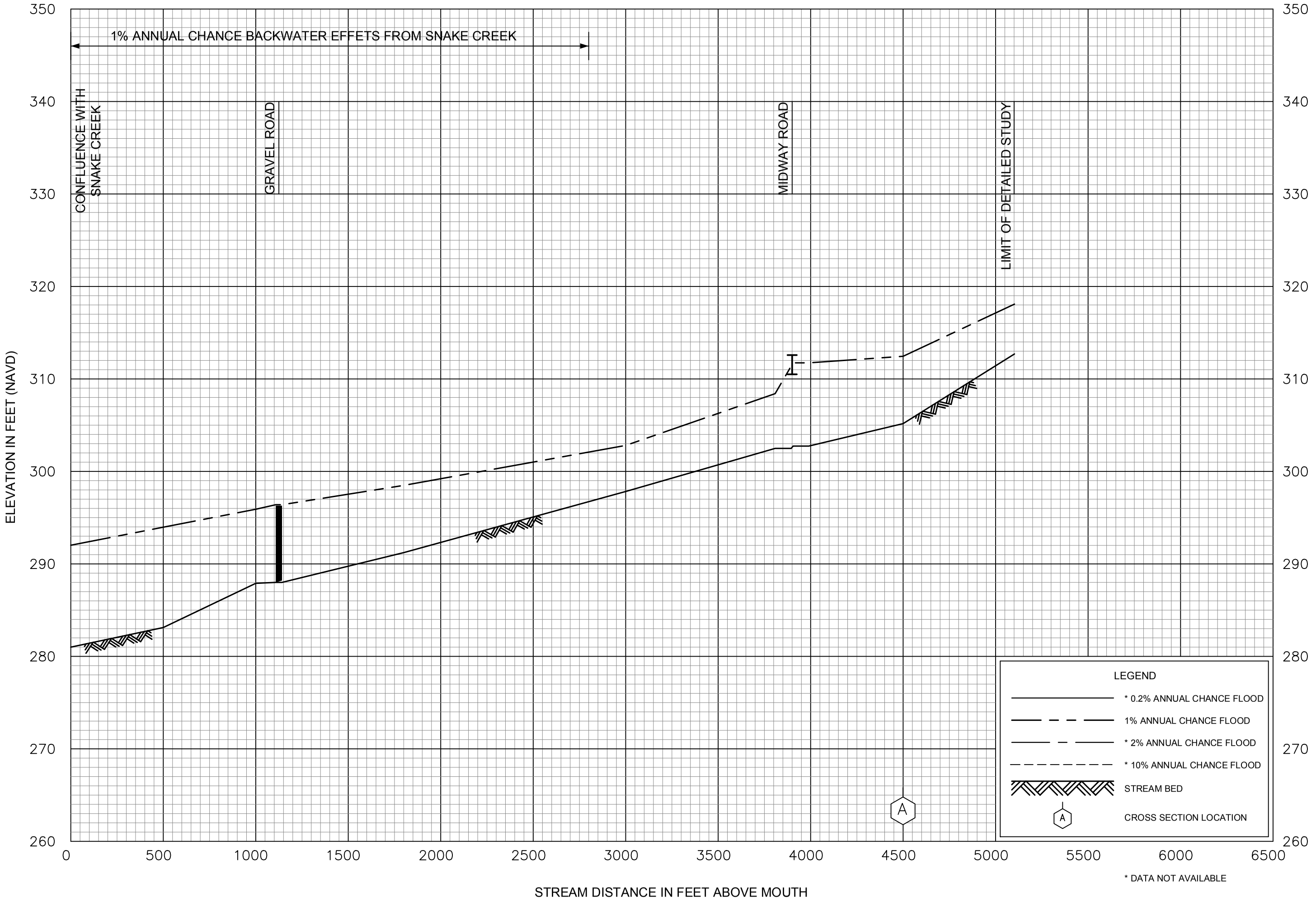
SNAKE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

237P



FLOOD PROFILES

SNAKE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

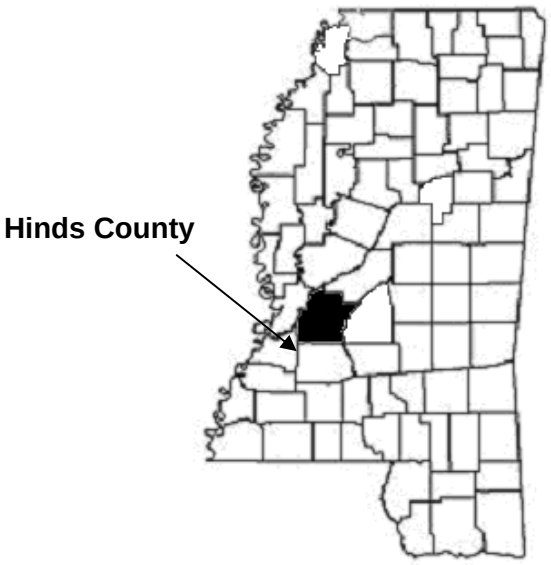
AND INCORPORATED AREAS

238P

FLOOD INSURANCE STUDY

HINDS COUNTY, MISSISSIPPI
AND INCORPORATED AREAS

VOLUME 5 OF 5



COMMUNITY NAME	COMMUNITY NUMBER
BOLTON, TOWN OF	280216
CLINTON, CITY OF	280071
HINDS COUNTY (UNINCORPORATED AREAS)	280070
JACKSON, CITY OF	280072
RAYMOND, TOWN OF	280320
TERRY, TOWN OF	280073

EFFECTIVE:

Federal Emergency Management Agency
FLOOD INSURANCE STUDY NUMBER
28049CV005A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

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

Initial Countywide FIS Effective Date:

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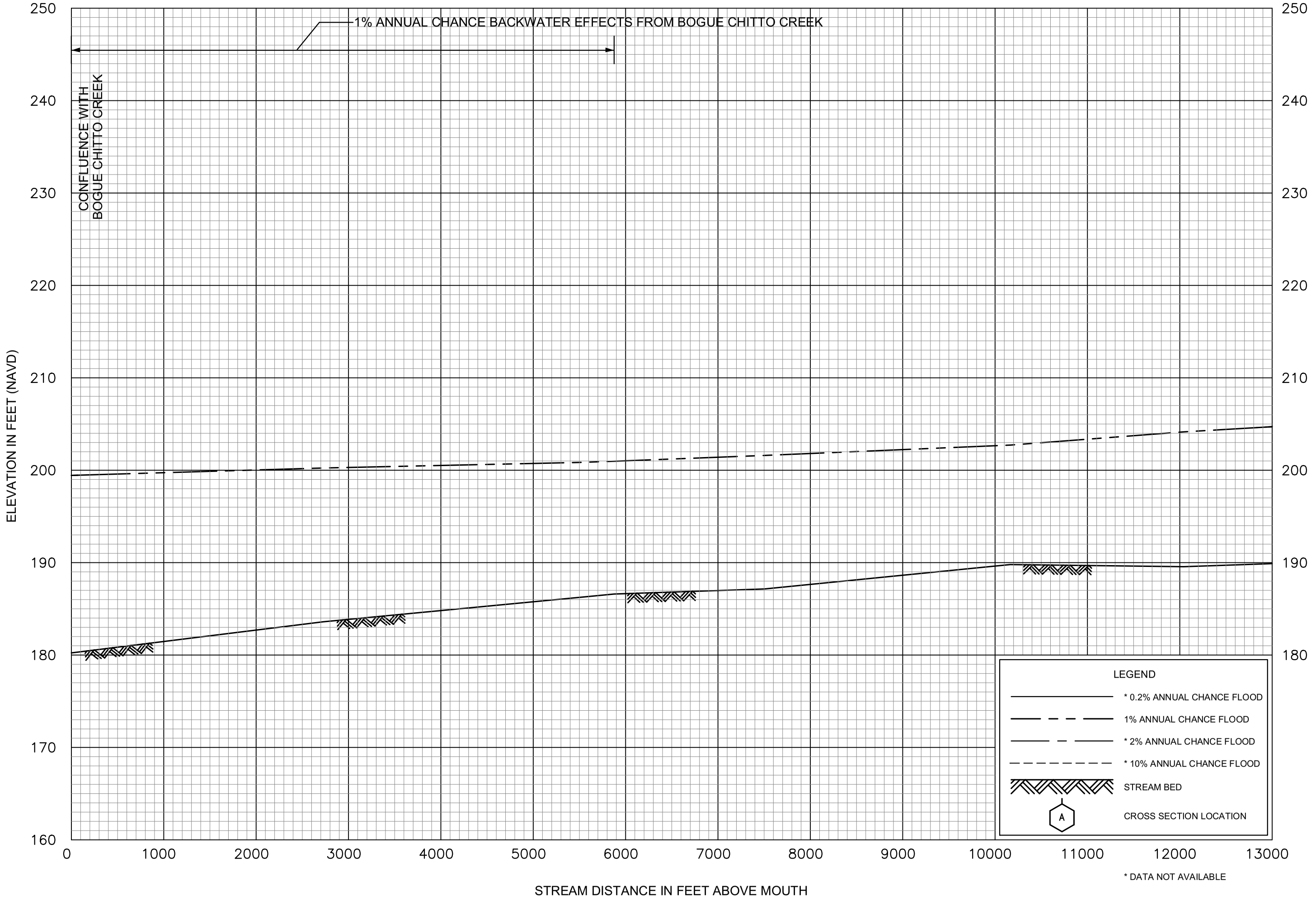


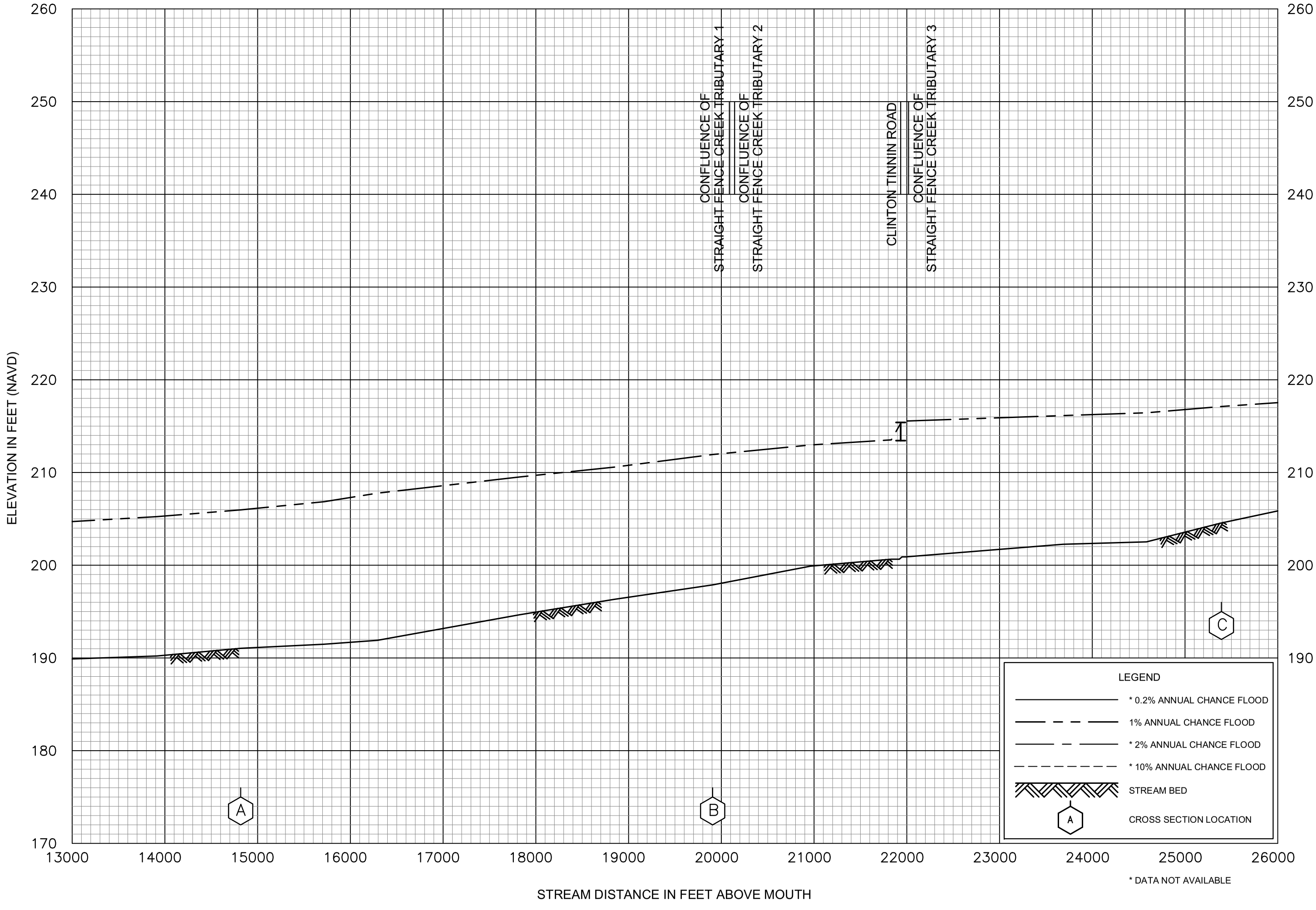
FLOOD PROFILES

STRAIGHT FENCE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

239P



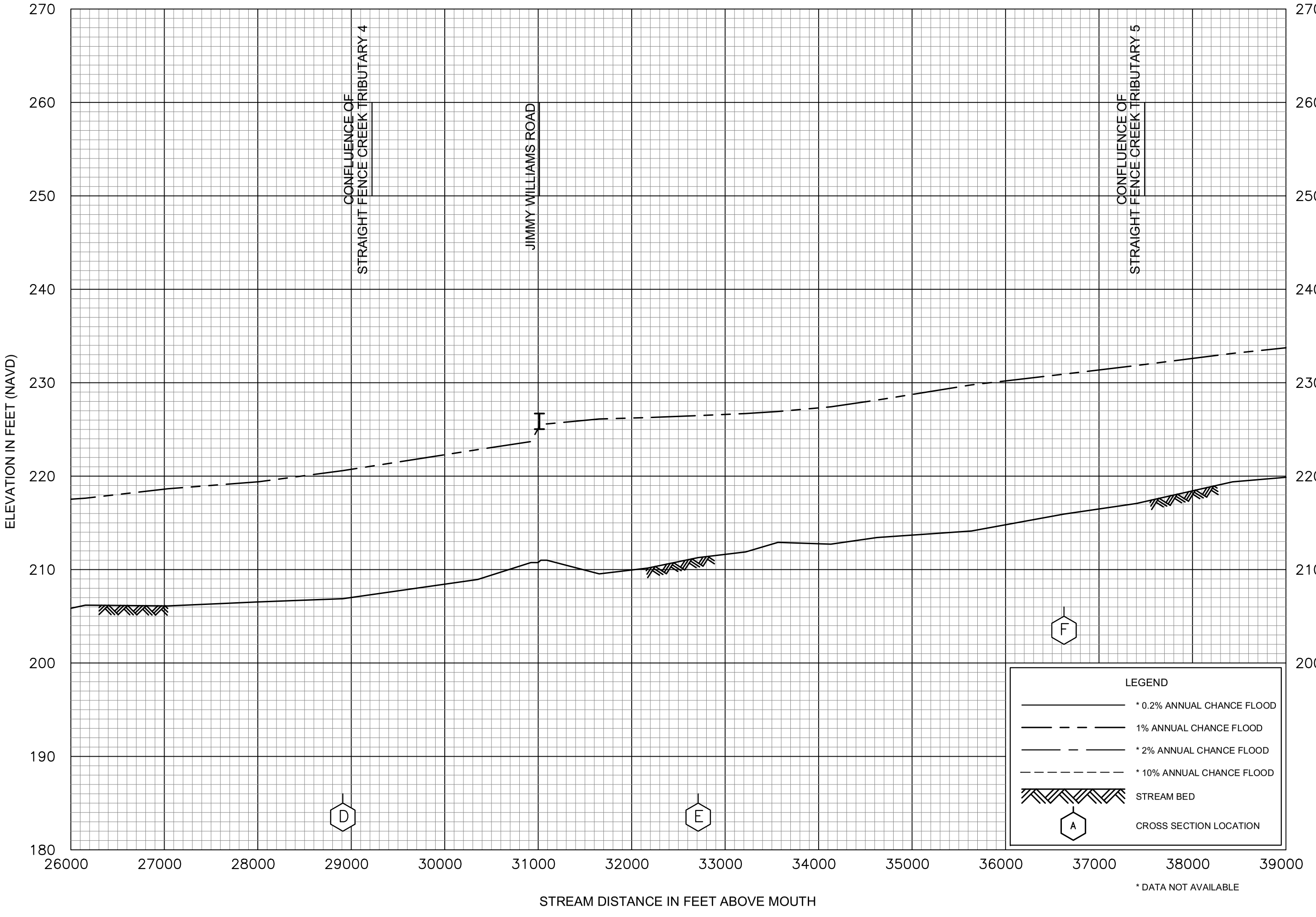
FLOOD PROFILES

STRAIGHT FENCE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

240P



FLOOD PROFILES

STRAIGHT FENCE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

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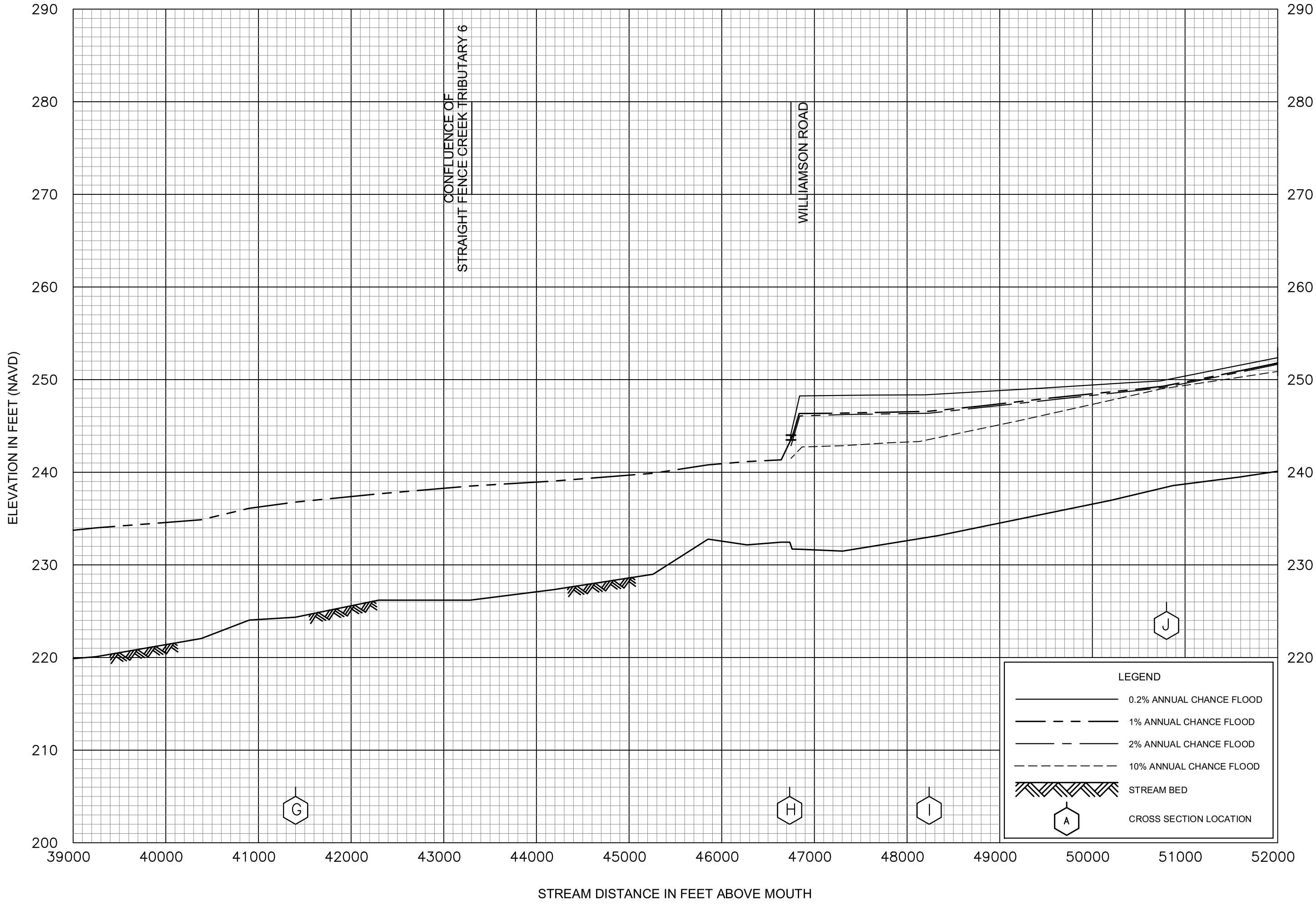


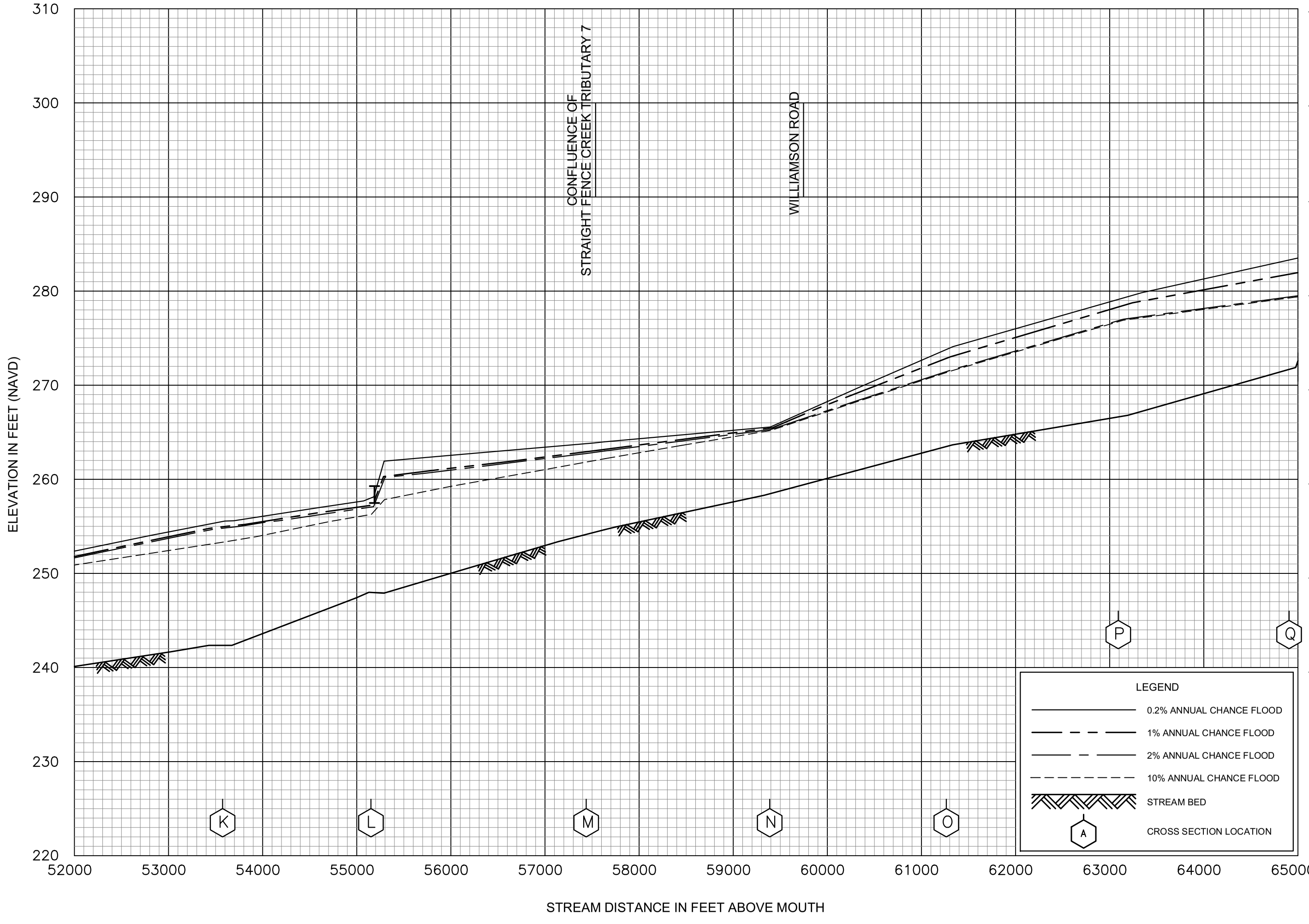
FLOOD PROFILES

STRAIGHT FENCE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

242P



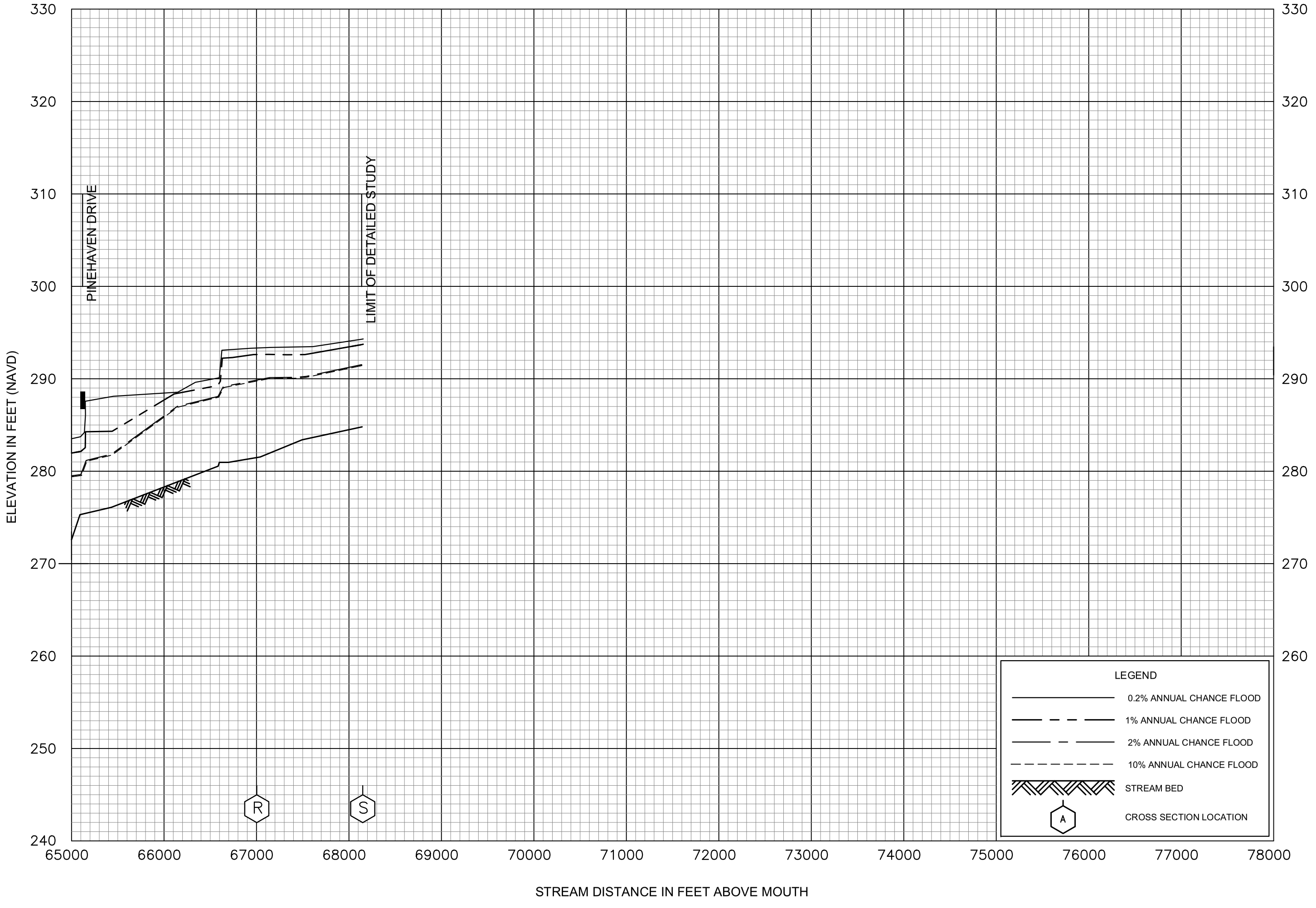
FLOOD PROFILES

STRAIGHT FENCE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

243P



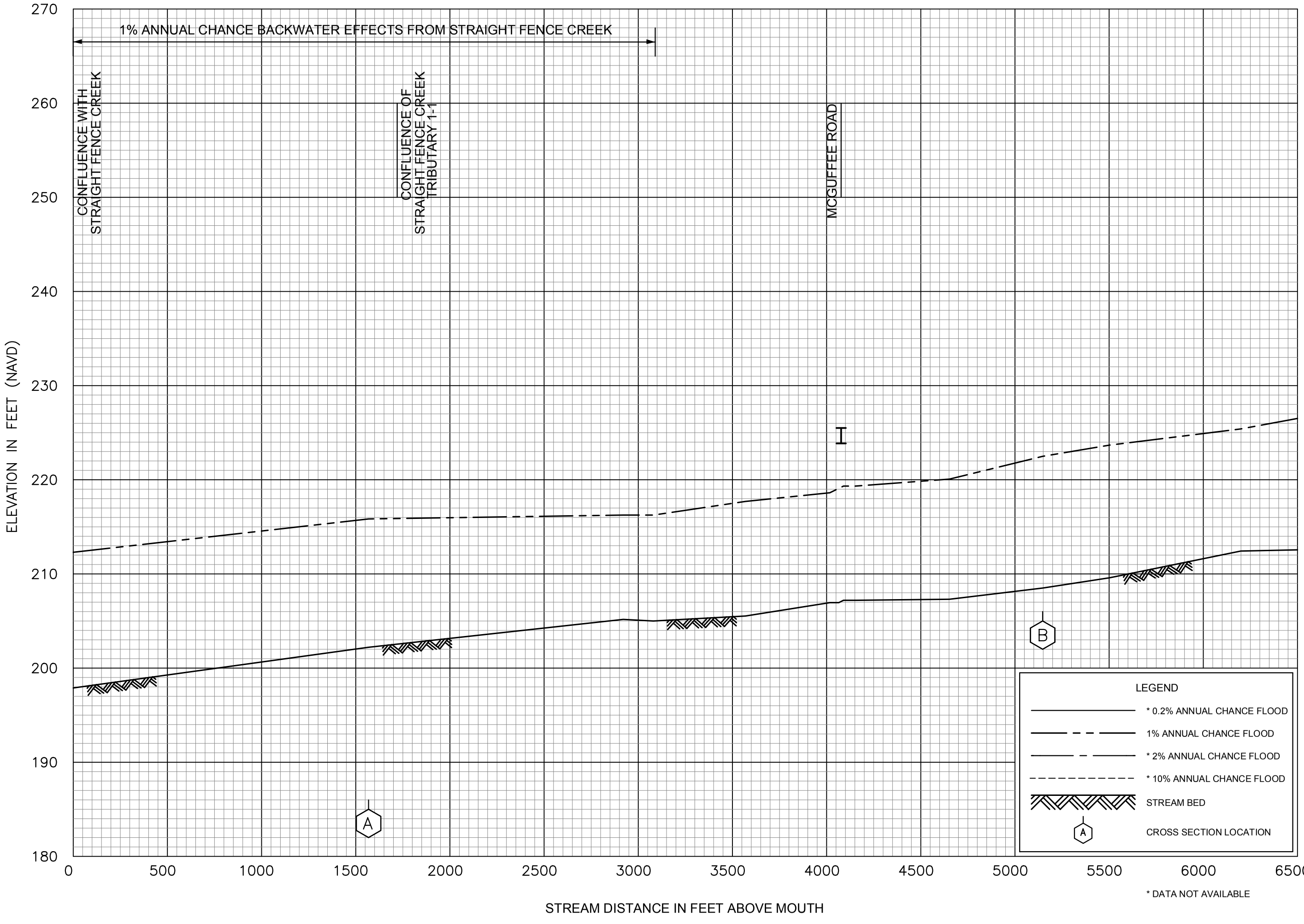
FLOOD PROFILES

STRAIGHT FENCE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

244P



FLOOD PROFILES

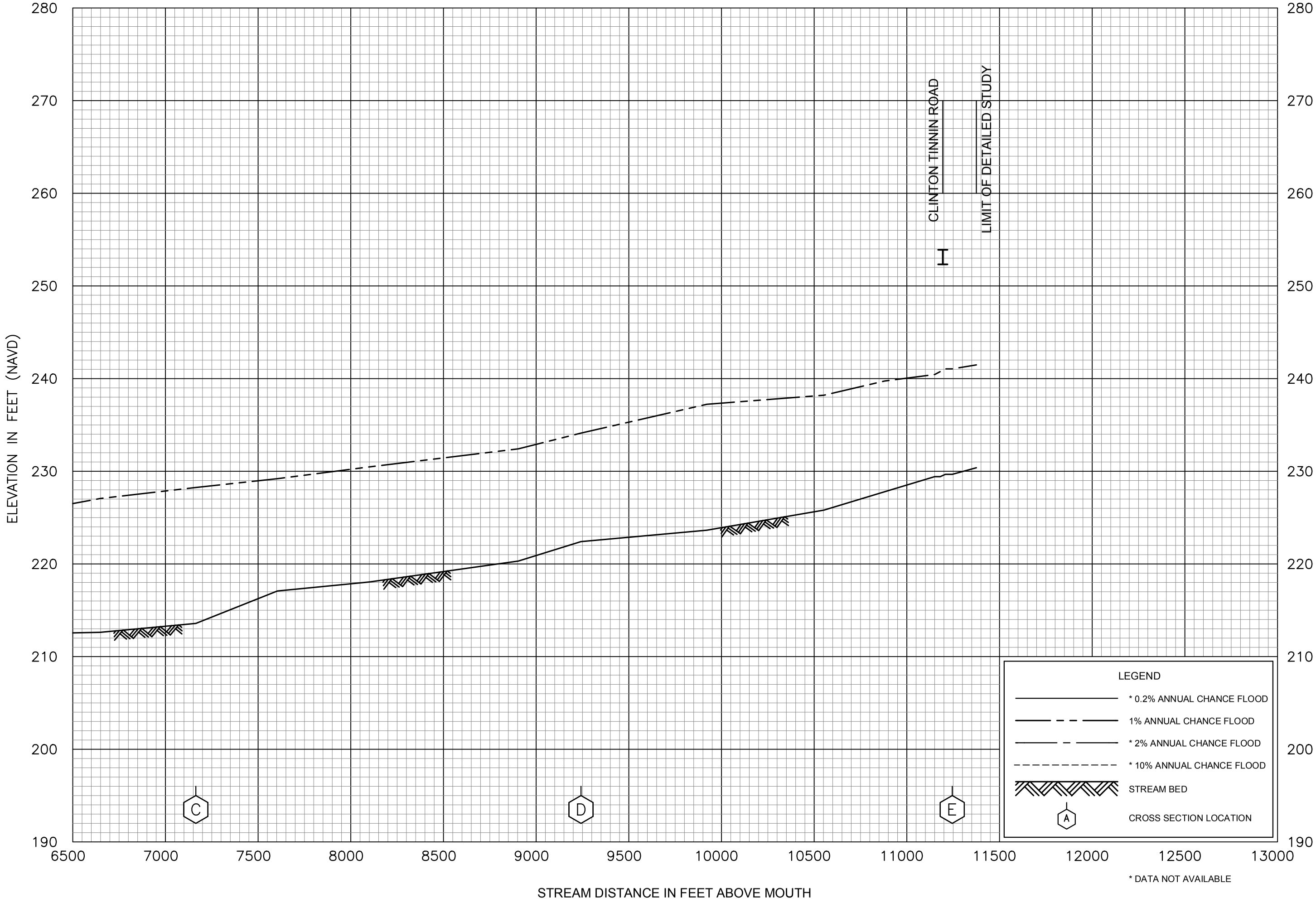
STRAIGHT FENCE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

245P



FLOOD PROFILES

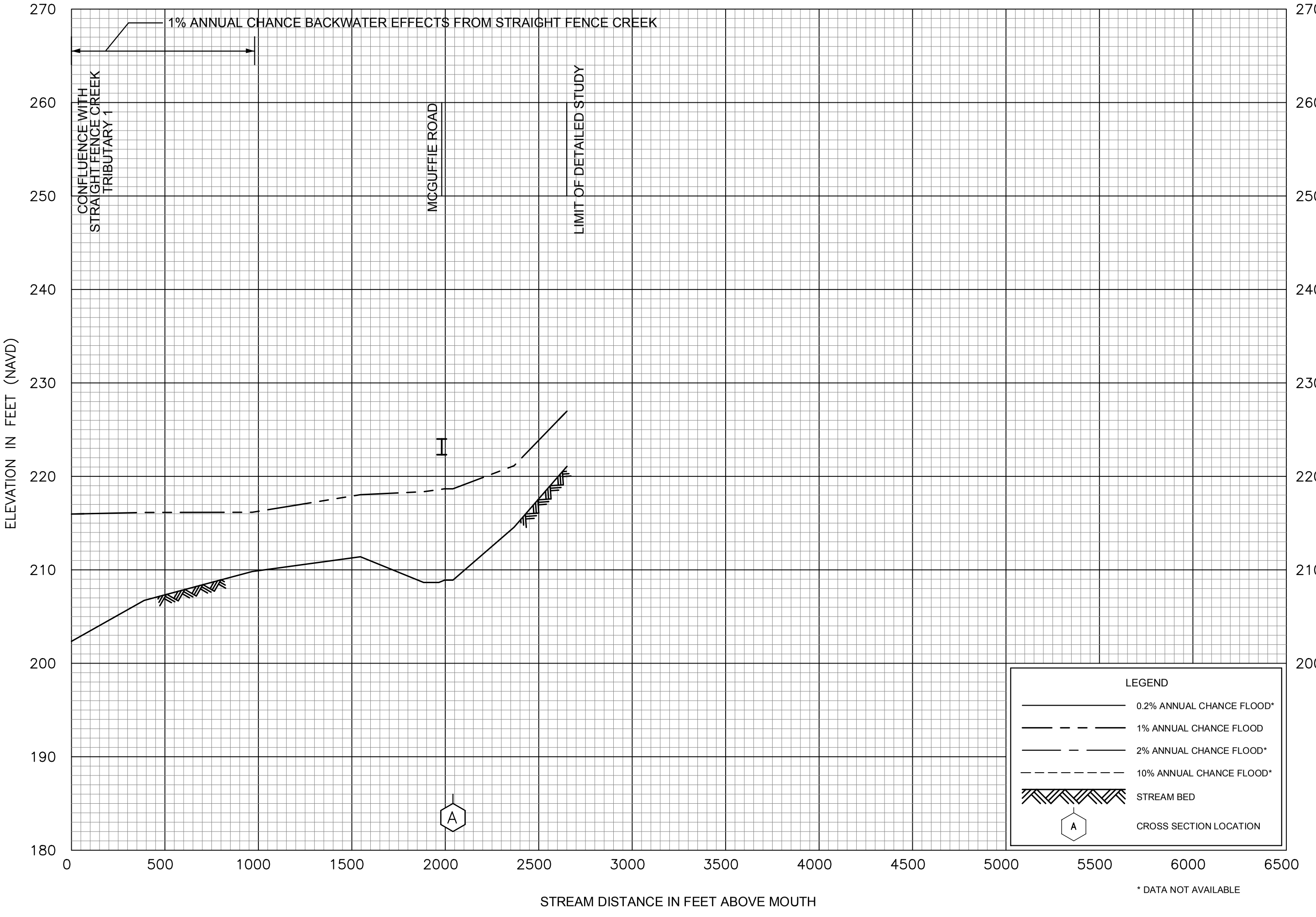
STRAIGHT FENCE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

246P



FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 1-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

247P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM STRAIGHT FENCE CREEK

CONFLUENCE WITH STRAIGHT FENCE CREEK

CLINTON TINNON ROAD

MCGUFFEE ROAD

ELEVATION IN FEET (NAVD)

260
250
240
230
220
210
200
190
180
170

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

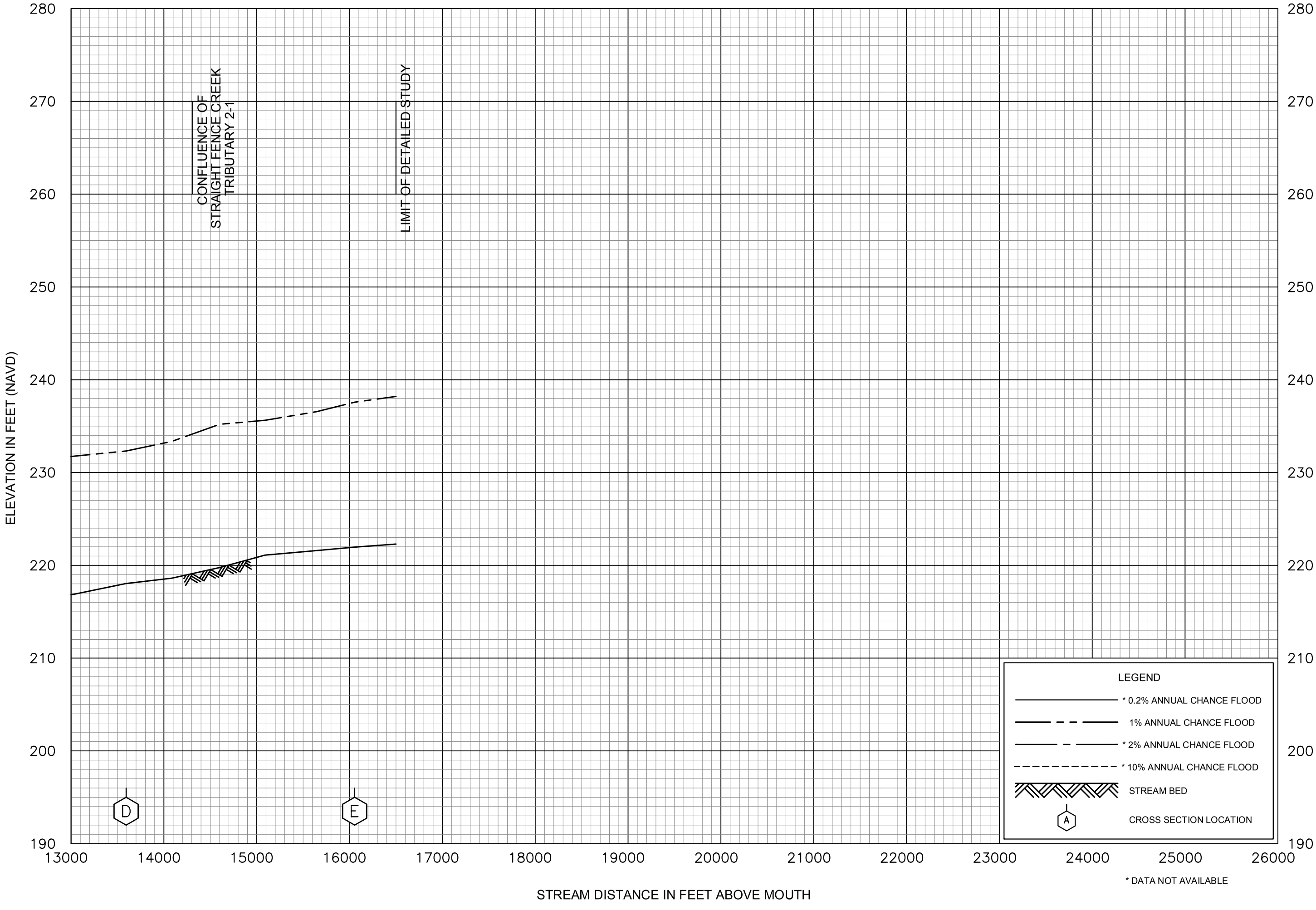
STRAIGHT FENCE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

248P



FLOOD PROFILES

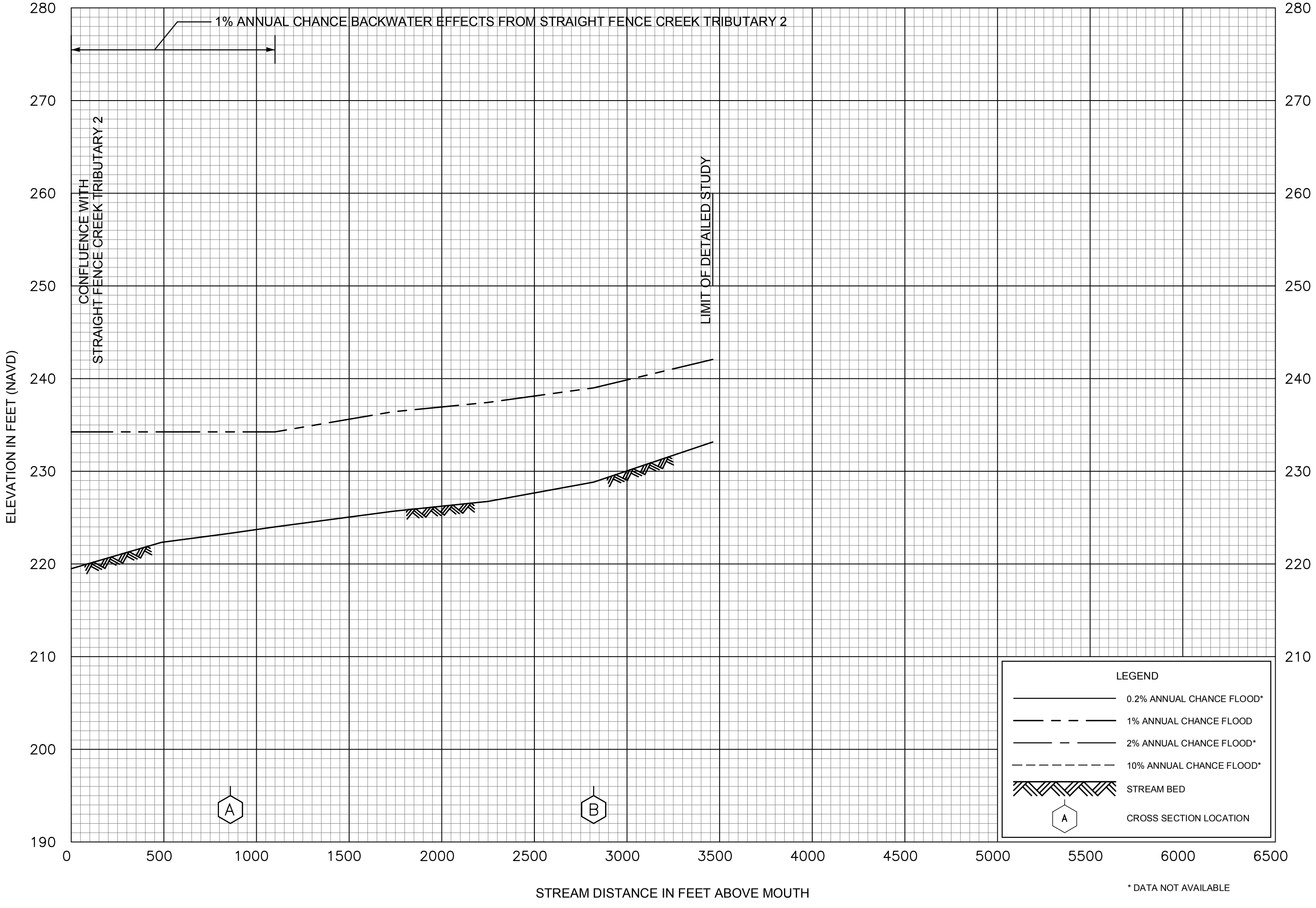
STRAIGHT FENCE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

249P



* DATA NOT AVAILABLE

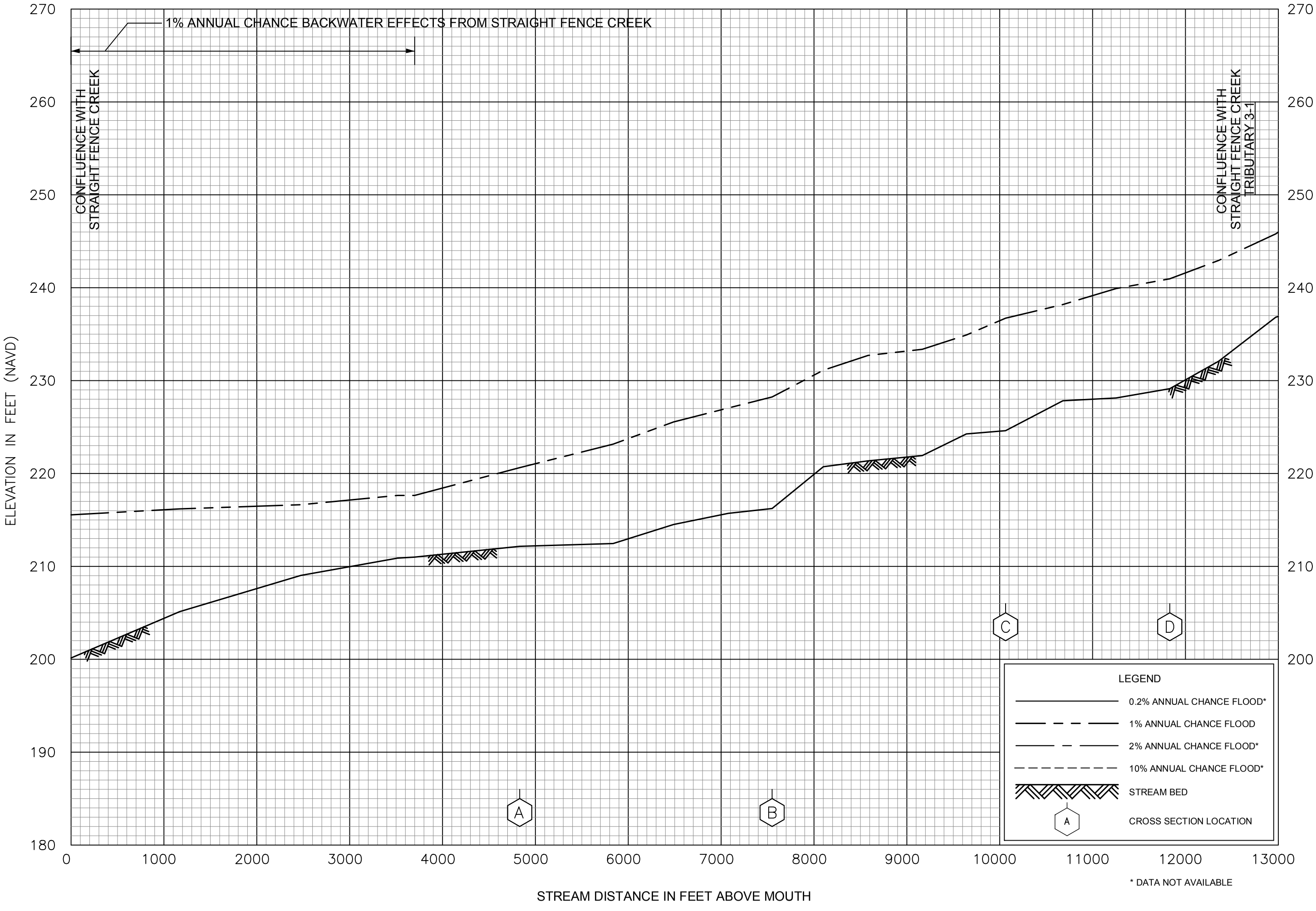
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 2-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

250P



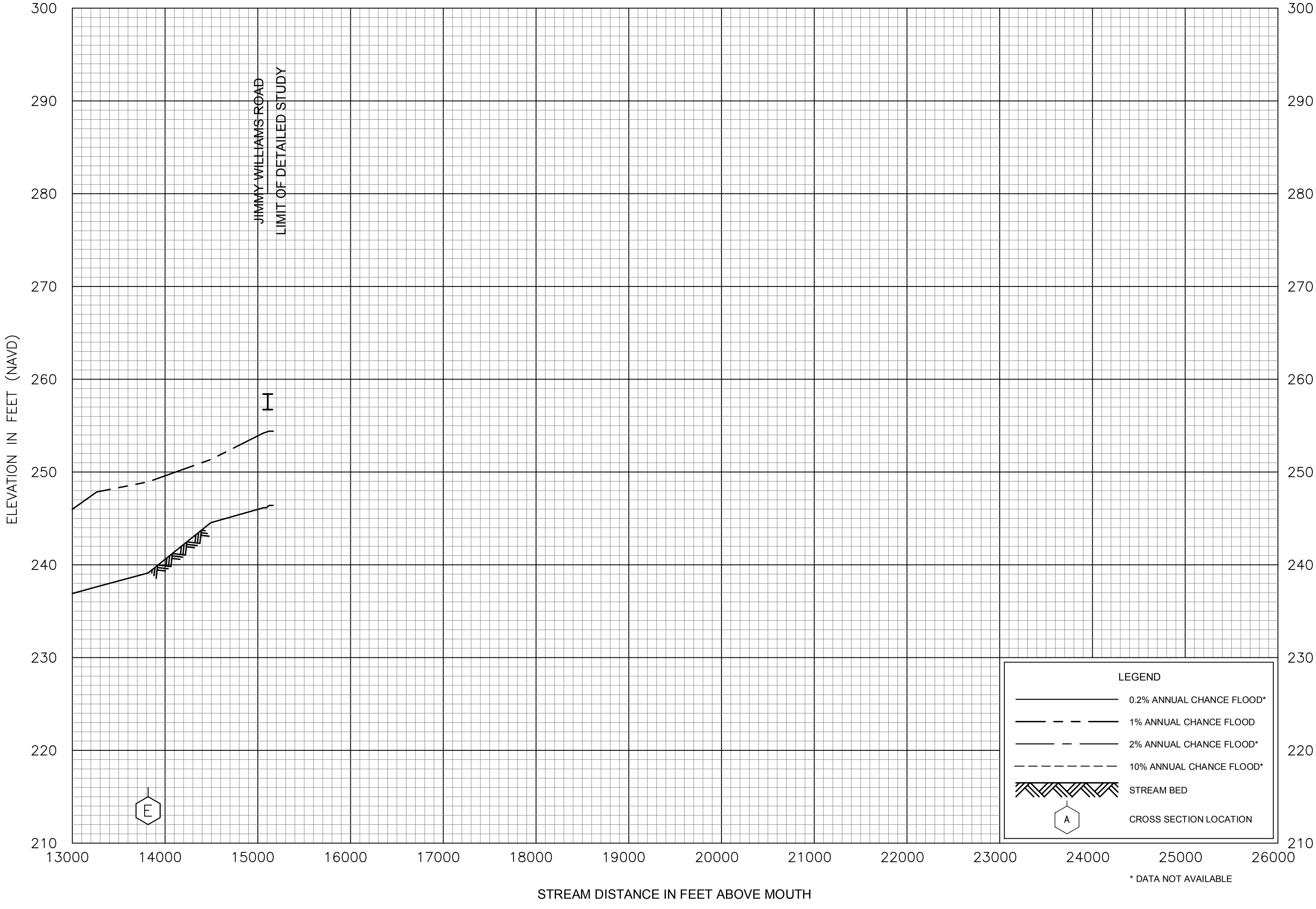
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

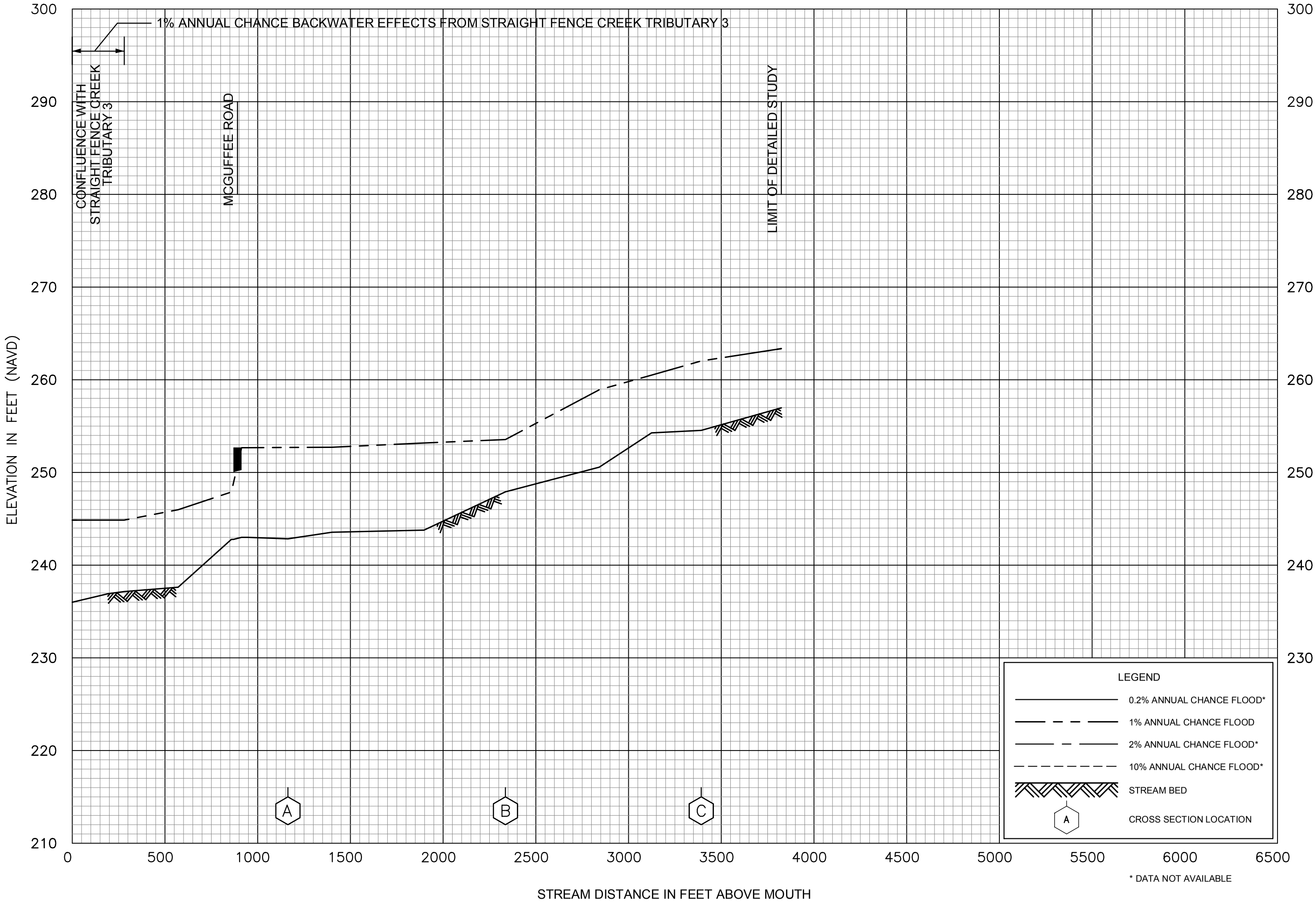
STRAIGHT FENCE CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

252P



FLOOD PROFILES

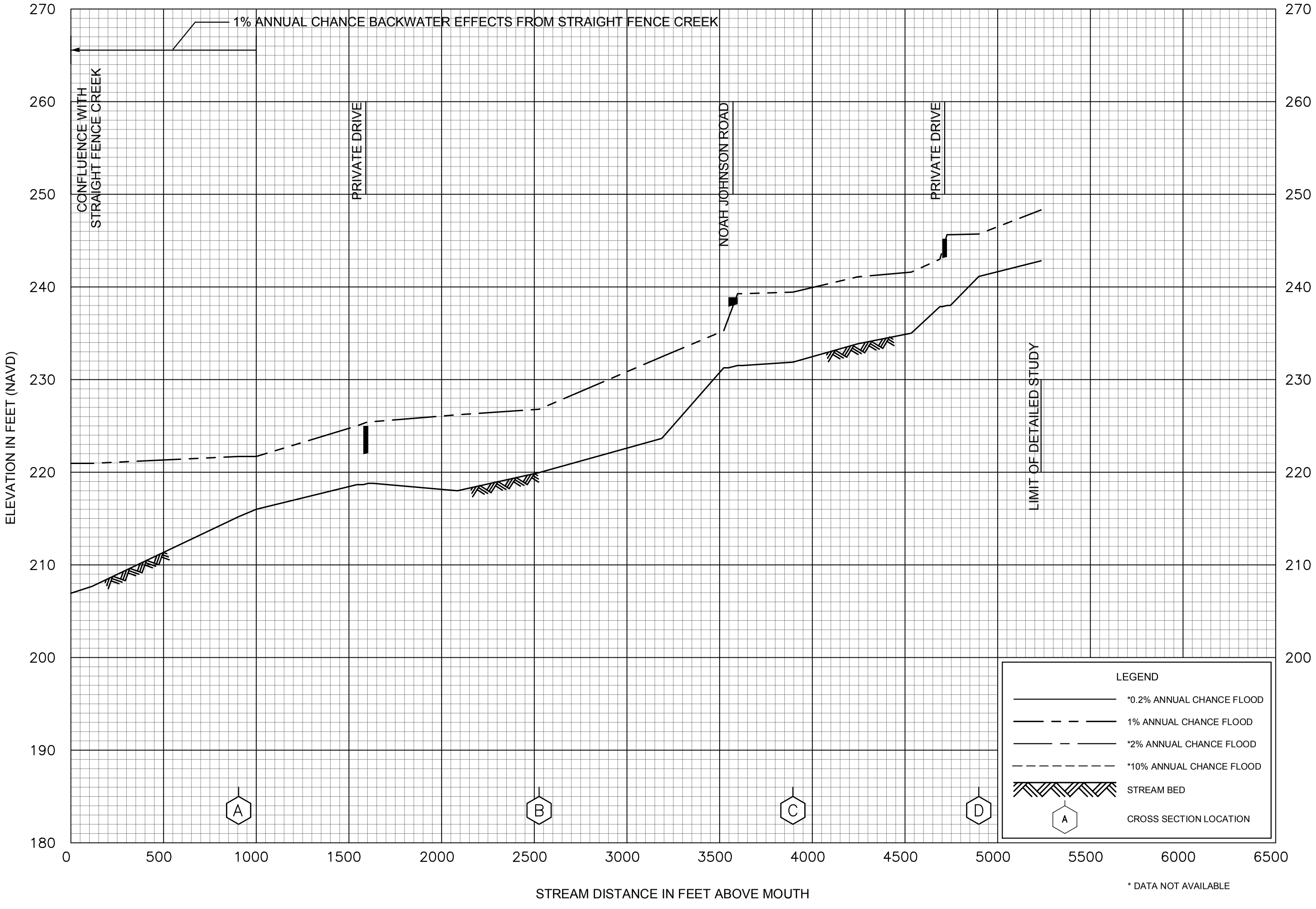
STRAIGHT FENCE CREEK TRIBUTARY 3-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

253P



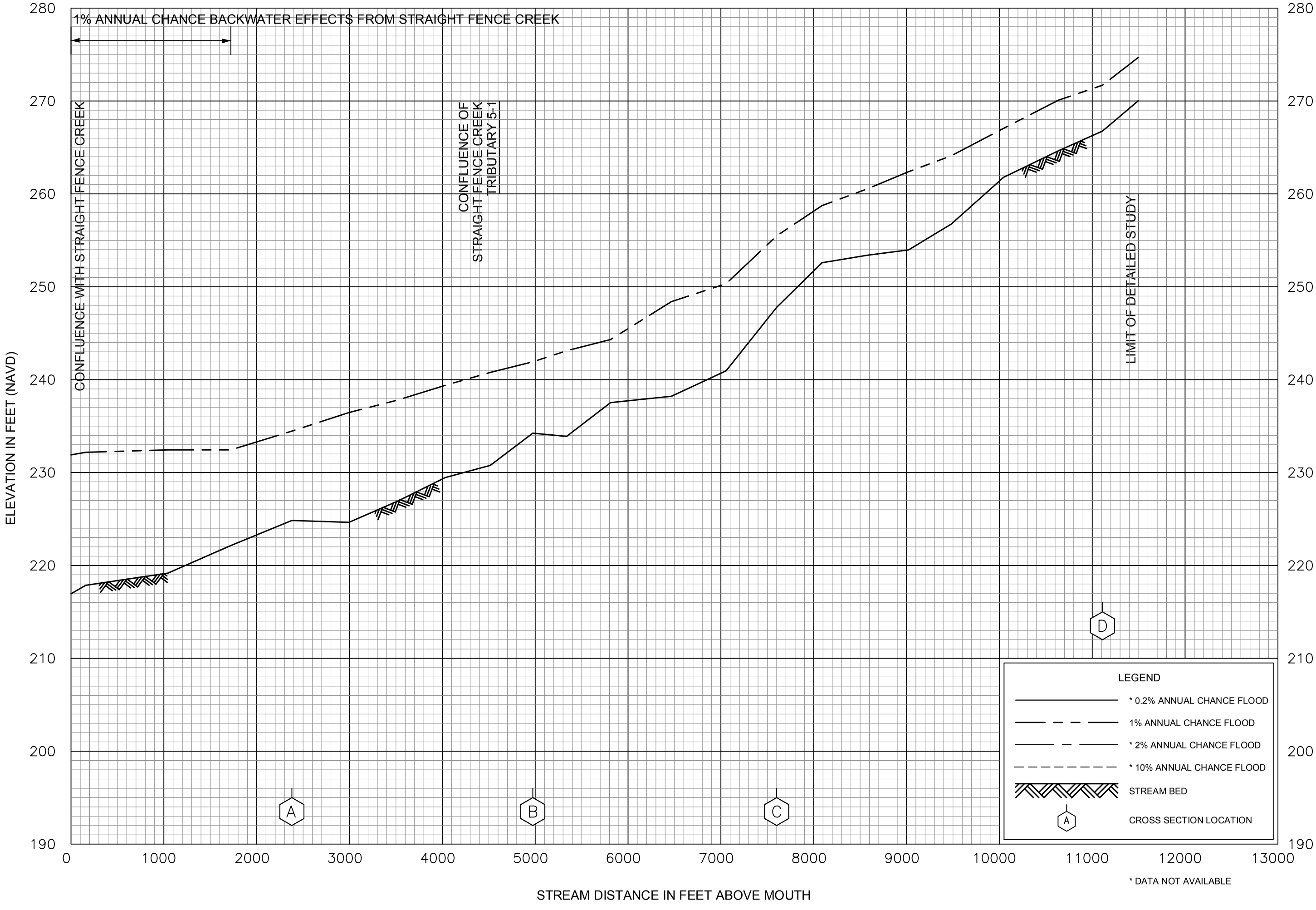
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

254P



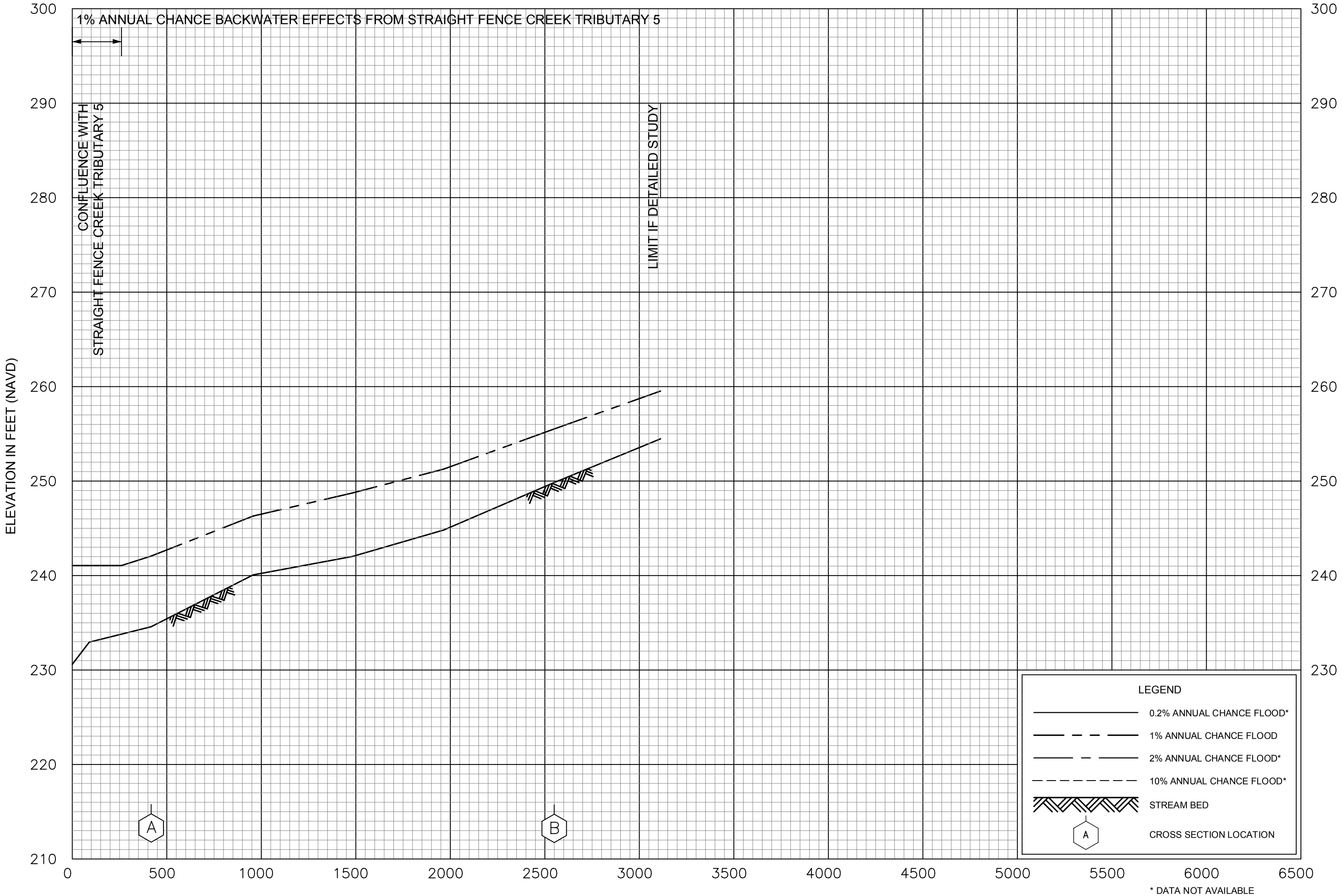
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

255P



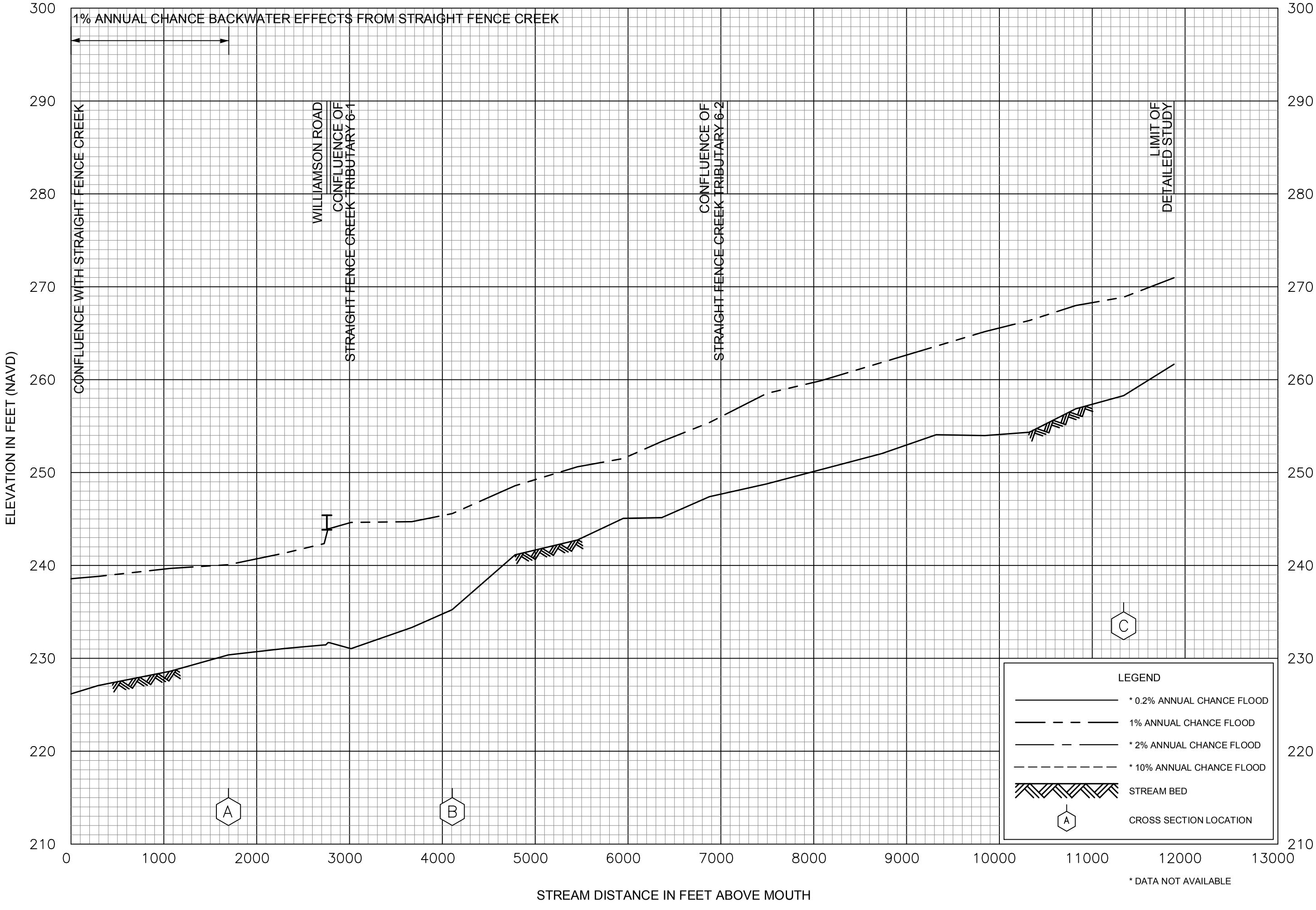
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 5-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

256P



FLOOD PROFILES

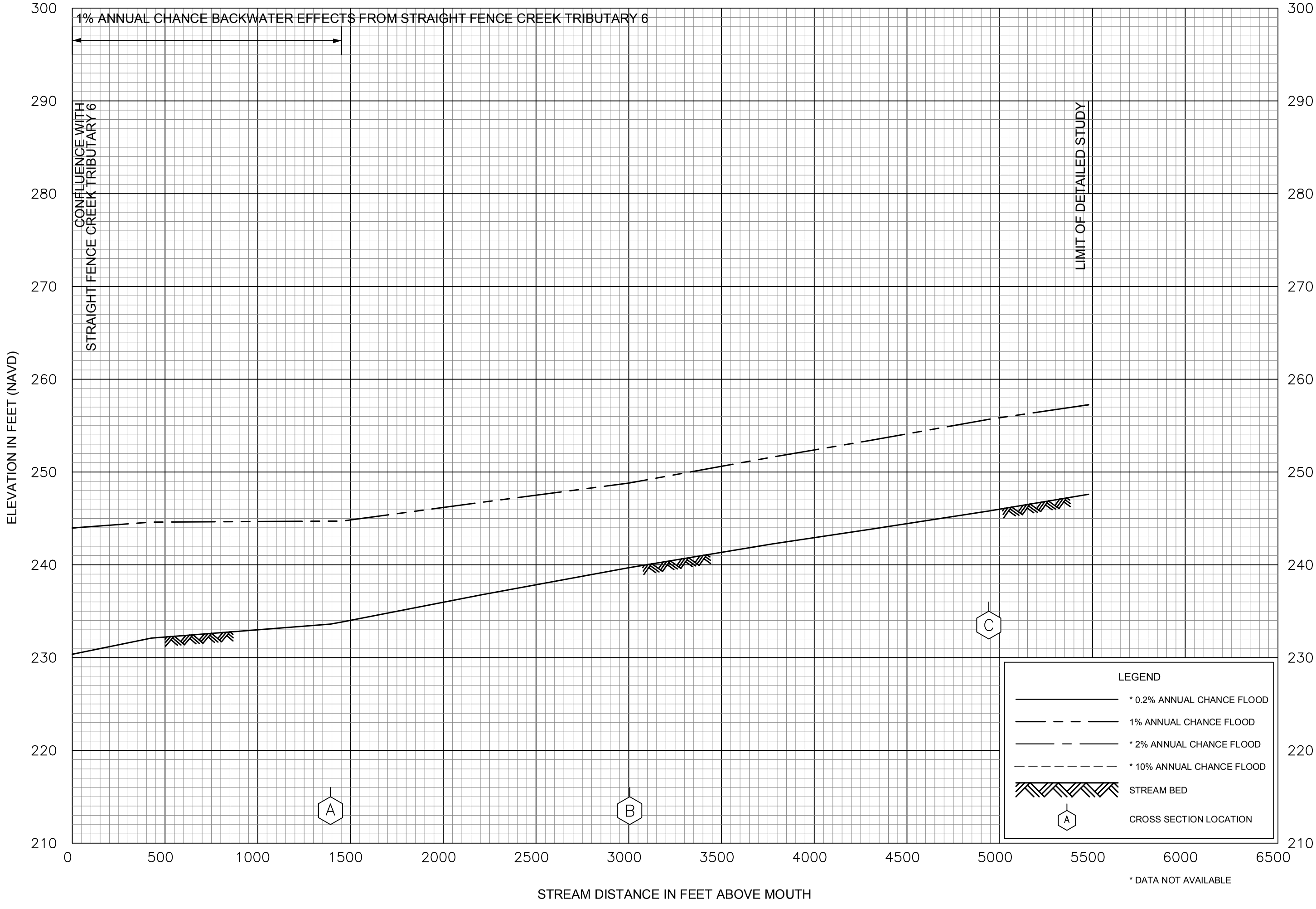
STRAIGHT FENCE CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

257P

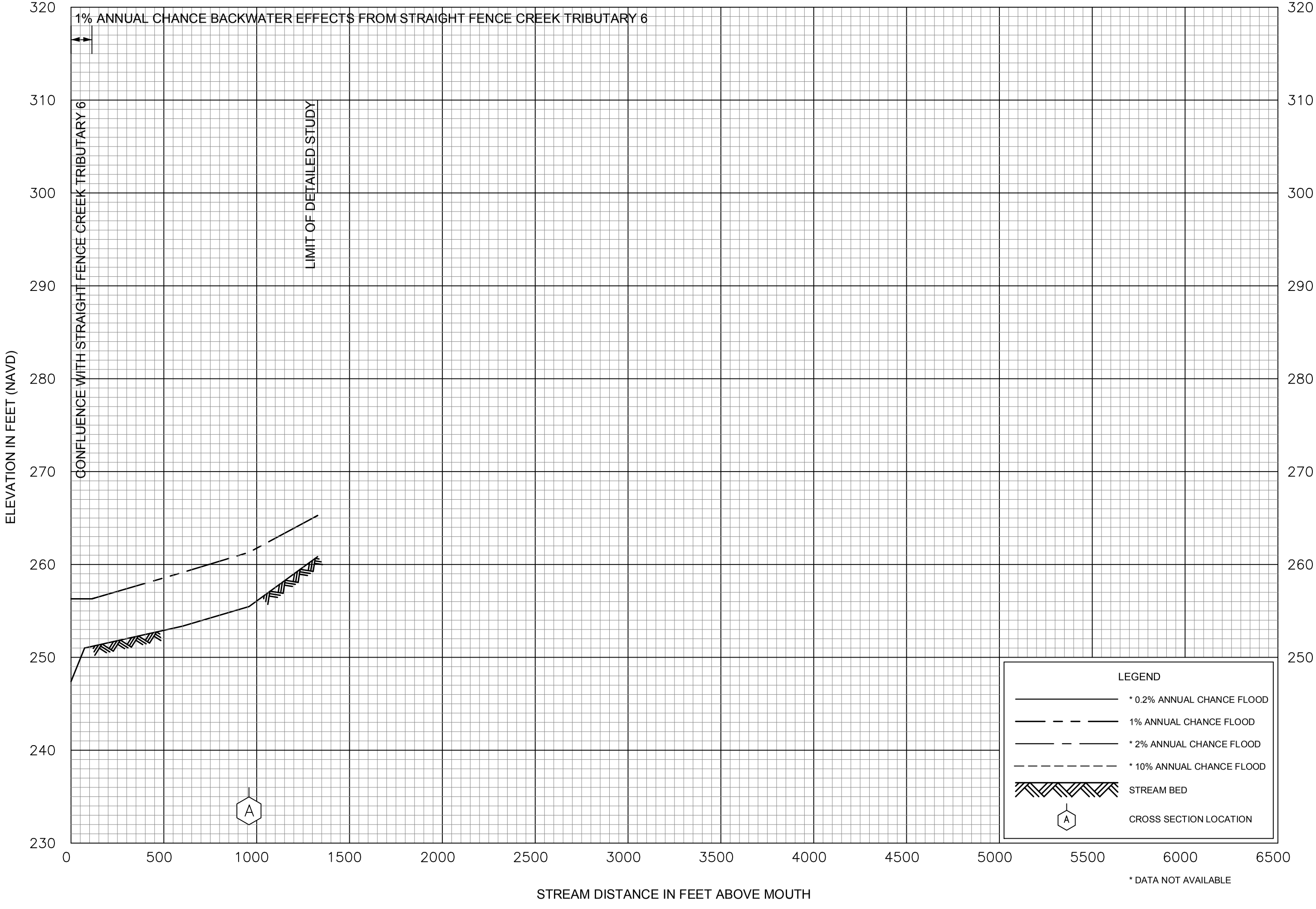


FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 6-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



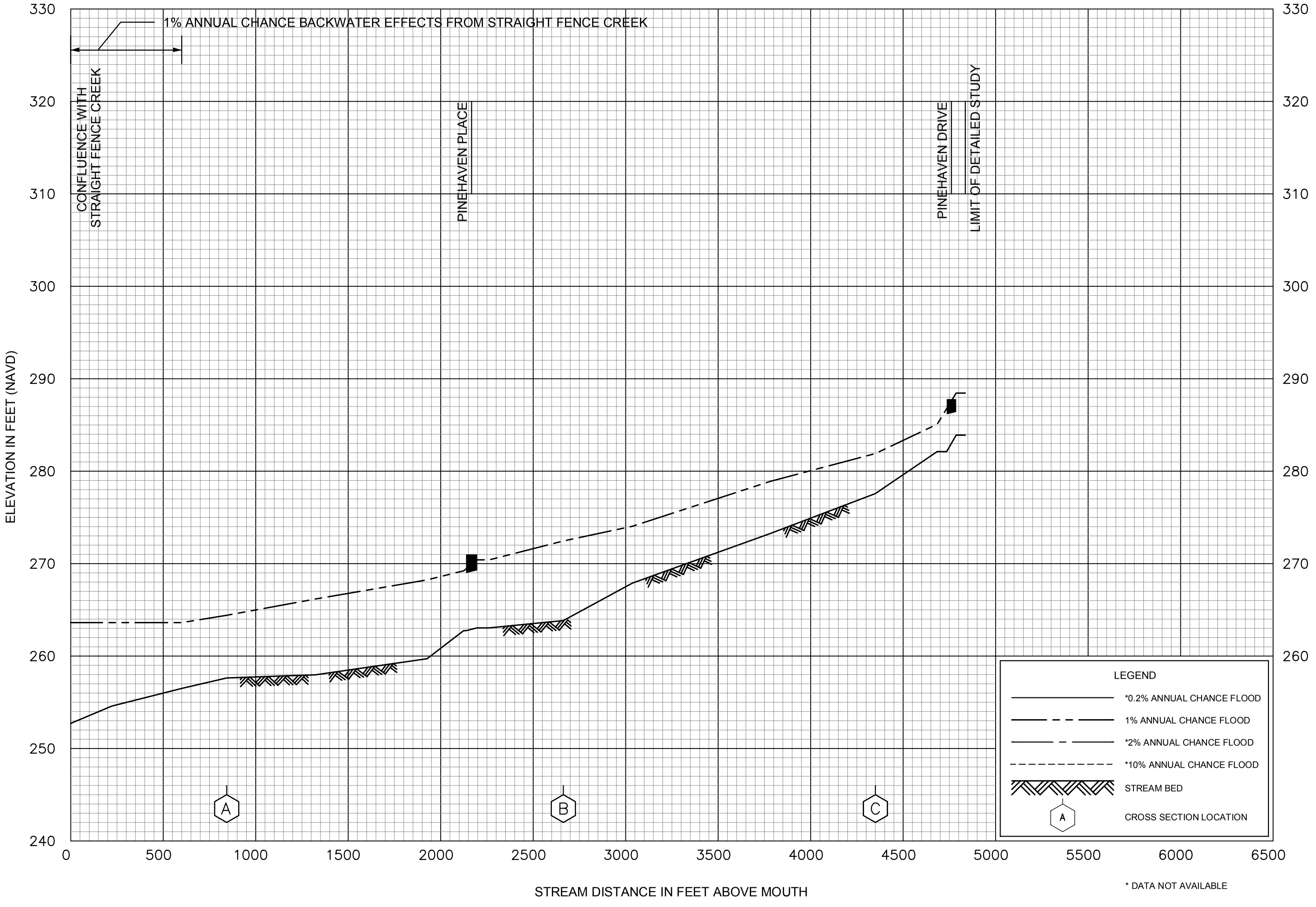
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 6-2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

259P



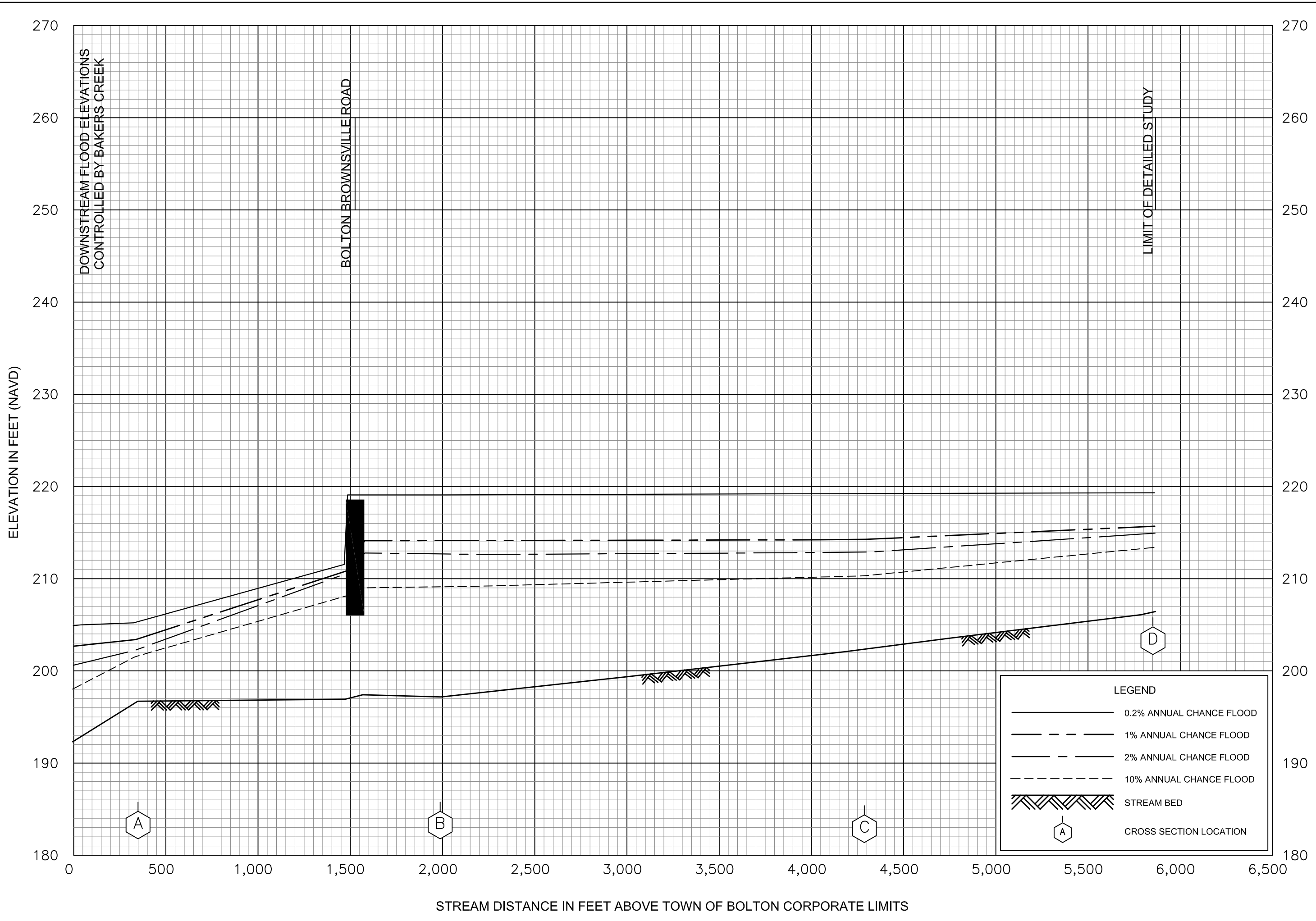
FLOOD PROFILES

STRAIGHT FENCE CREEK TRIBUTARY 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

260P



FLOOD PROFILES

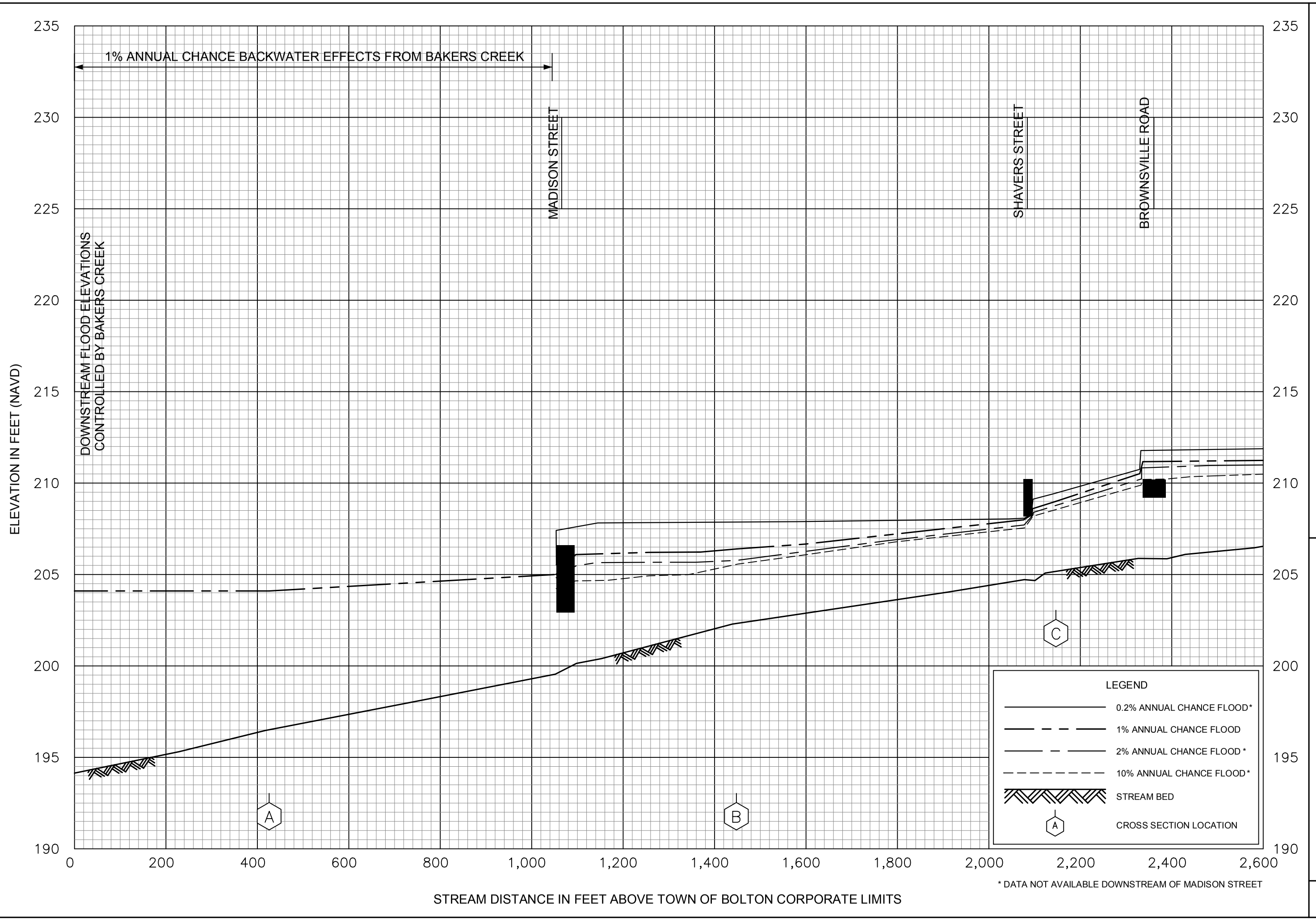
STREAM 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

261P



FLOOD PROFILES

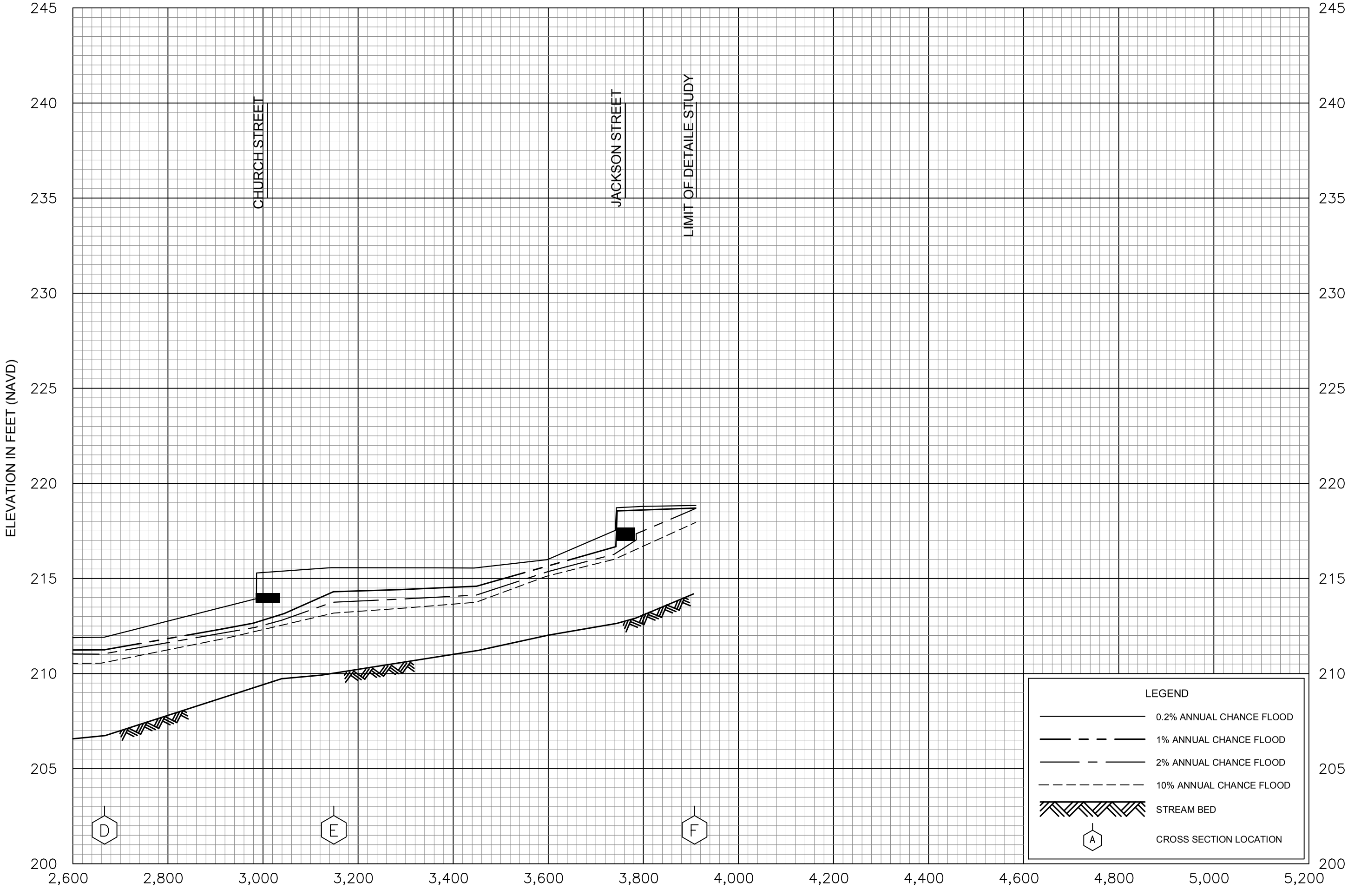
STREAM 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

262P



FLOOD PROFILES

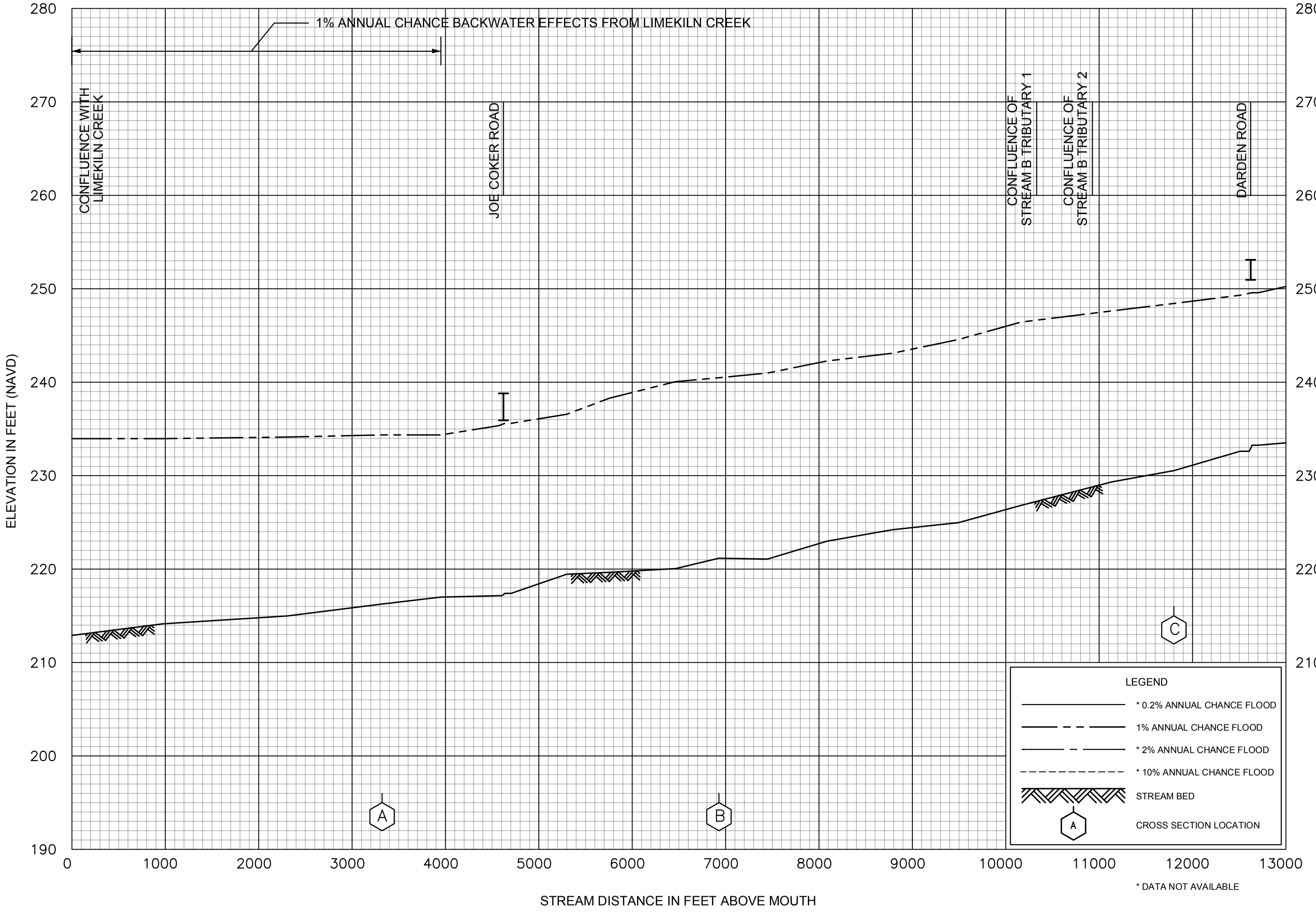
STREAM 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

263P



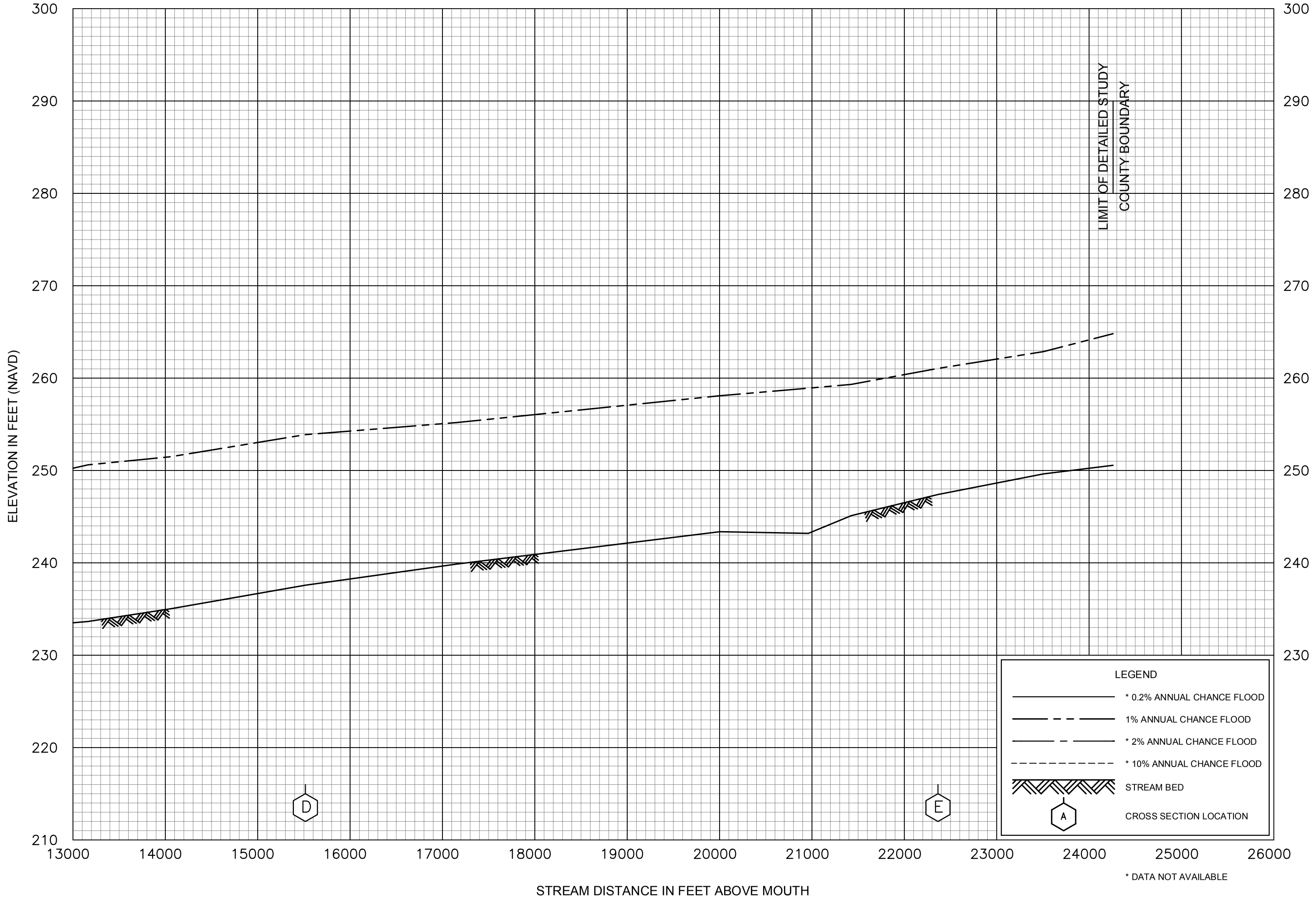
FLOOD PROFILES

STREAM B

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

264P

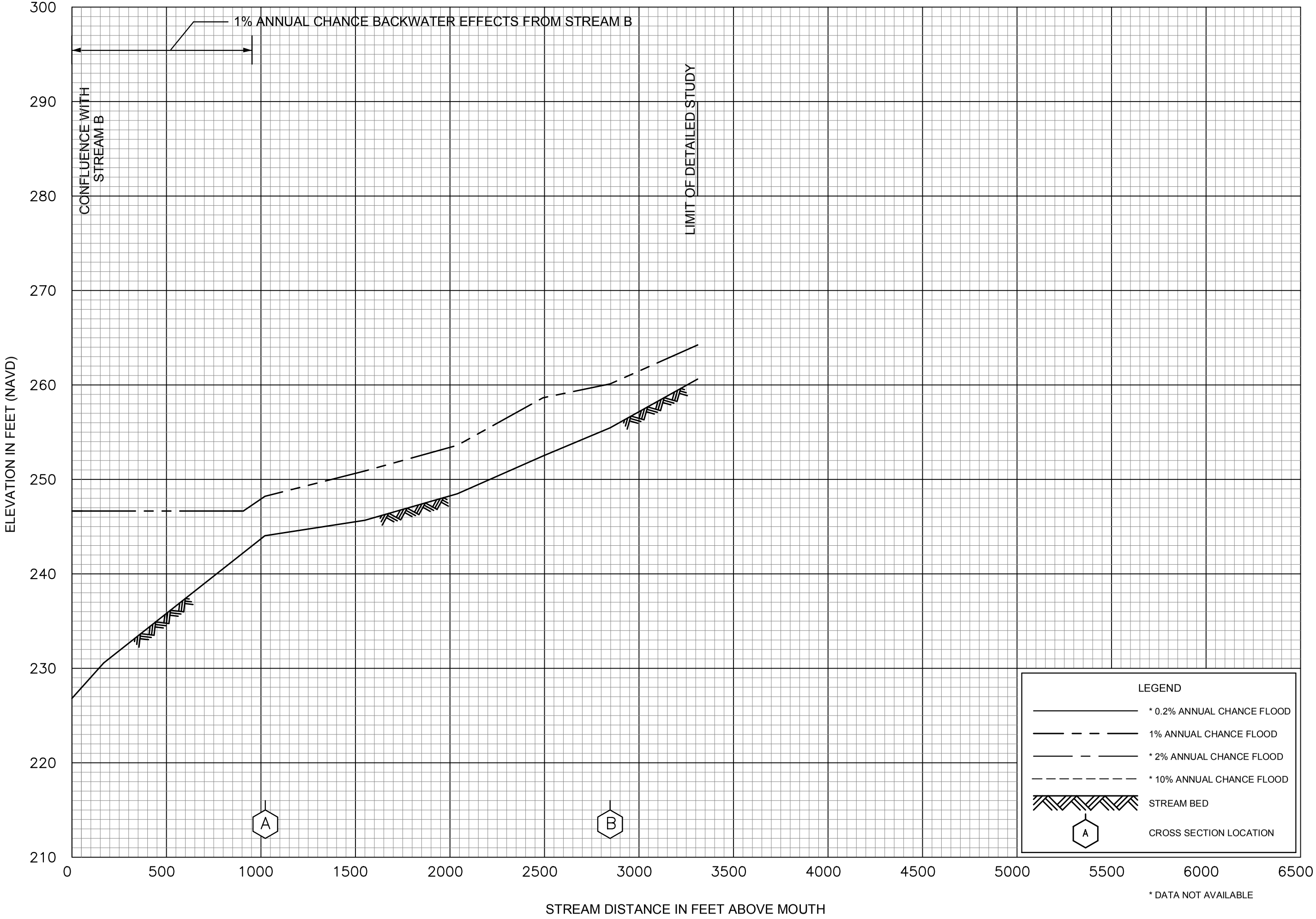


FLOOD PROFILES

STREAM B

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

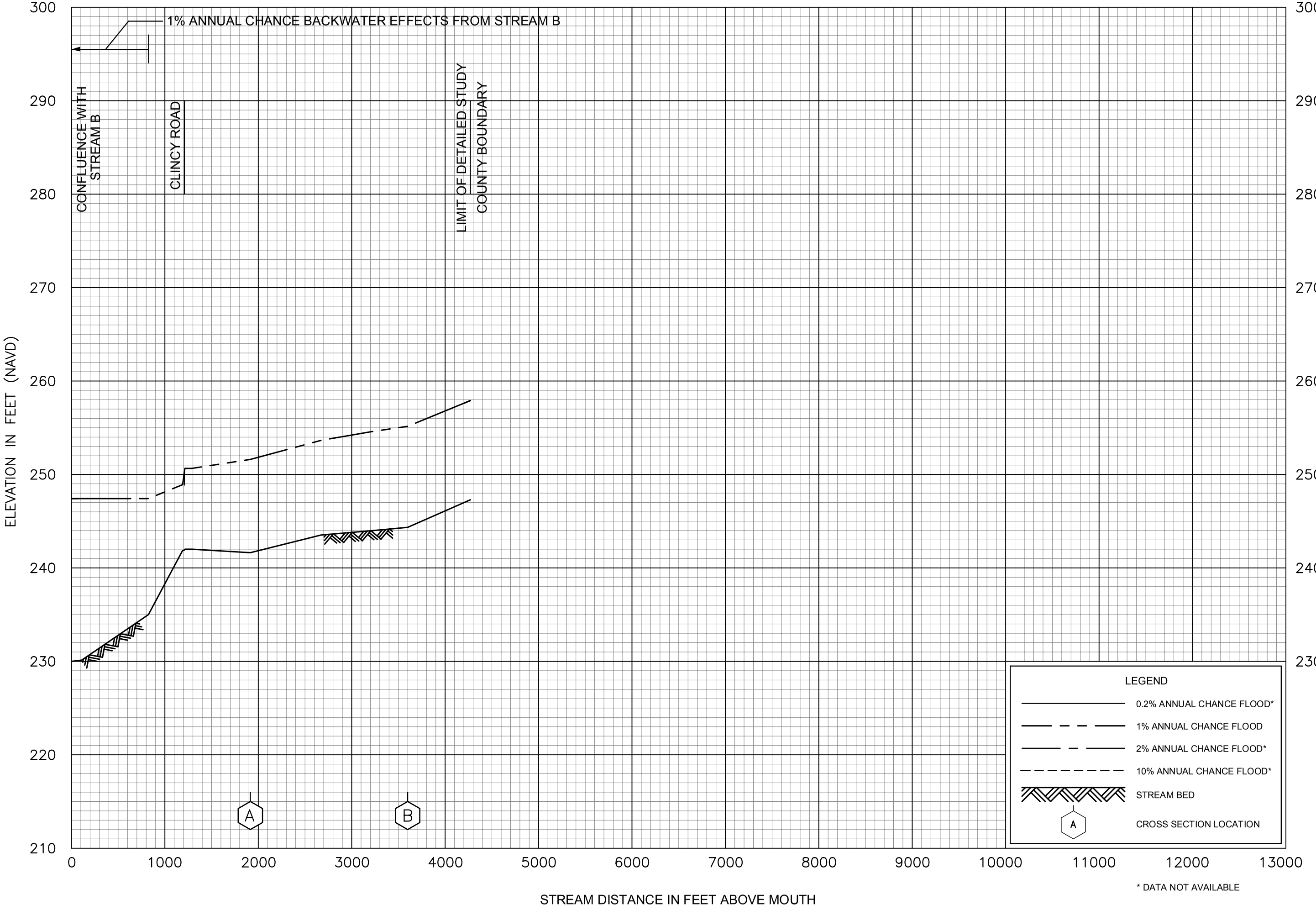


FLOOD PROFILES

STREAM B TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS



FLOOD PROFILES

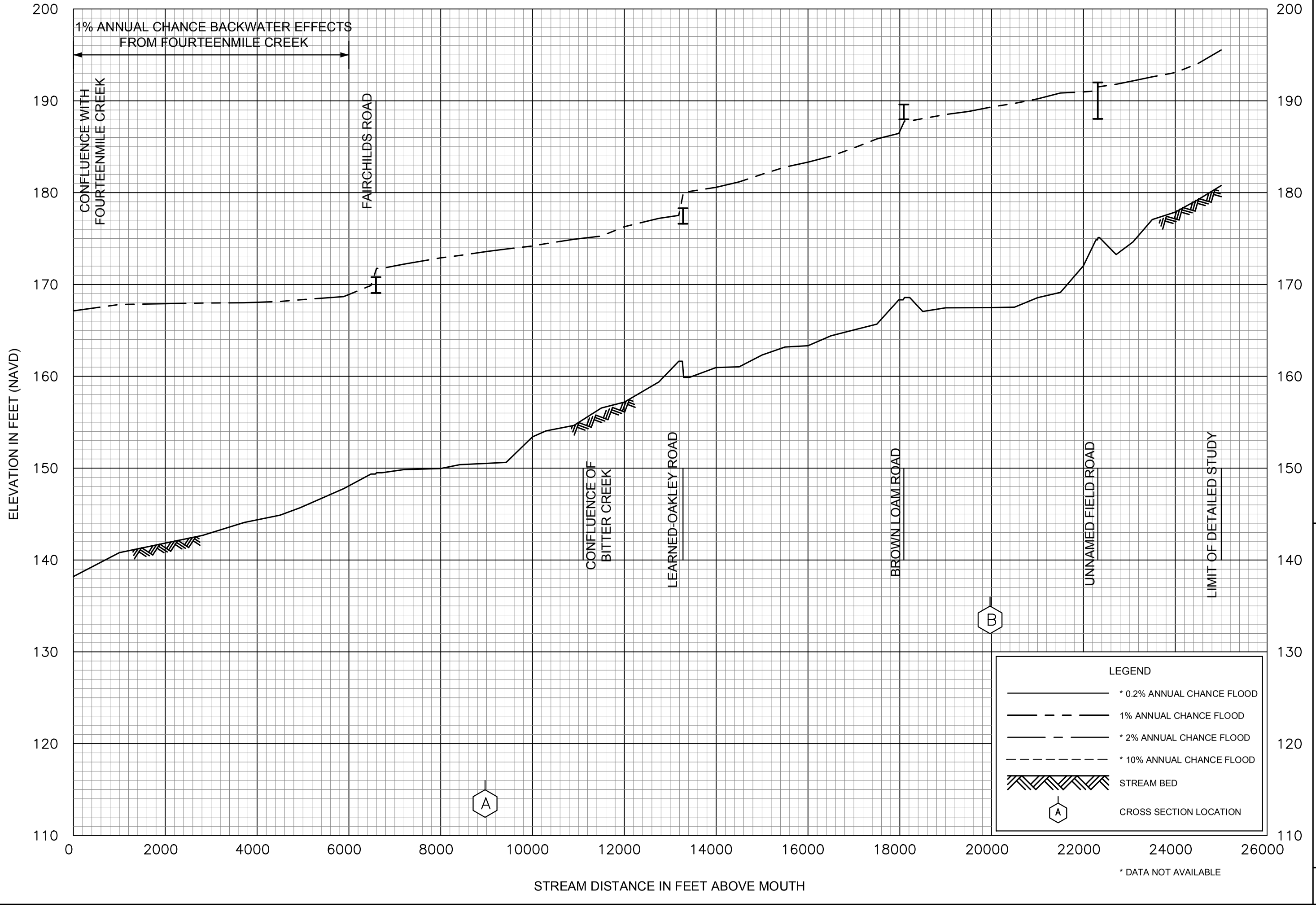
STREAM B TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

267P



FLOOD PROFILES

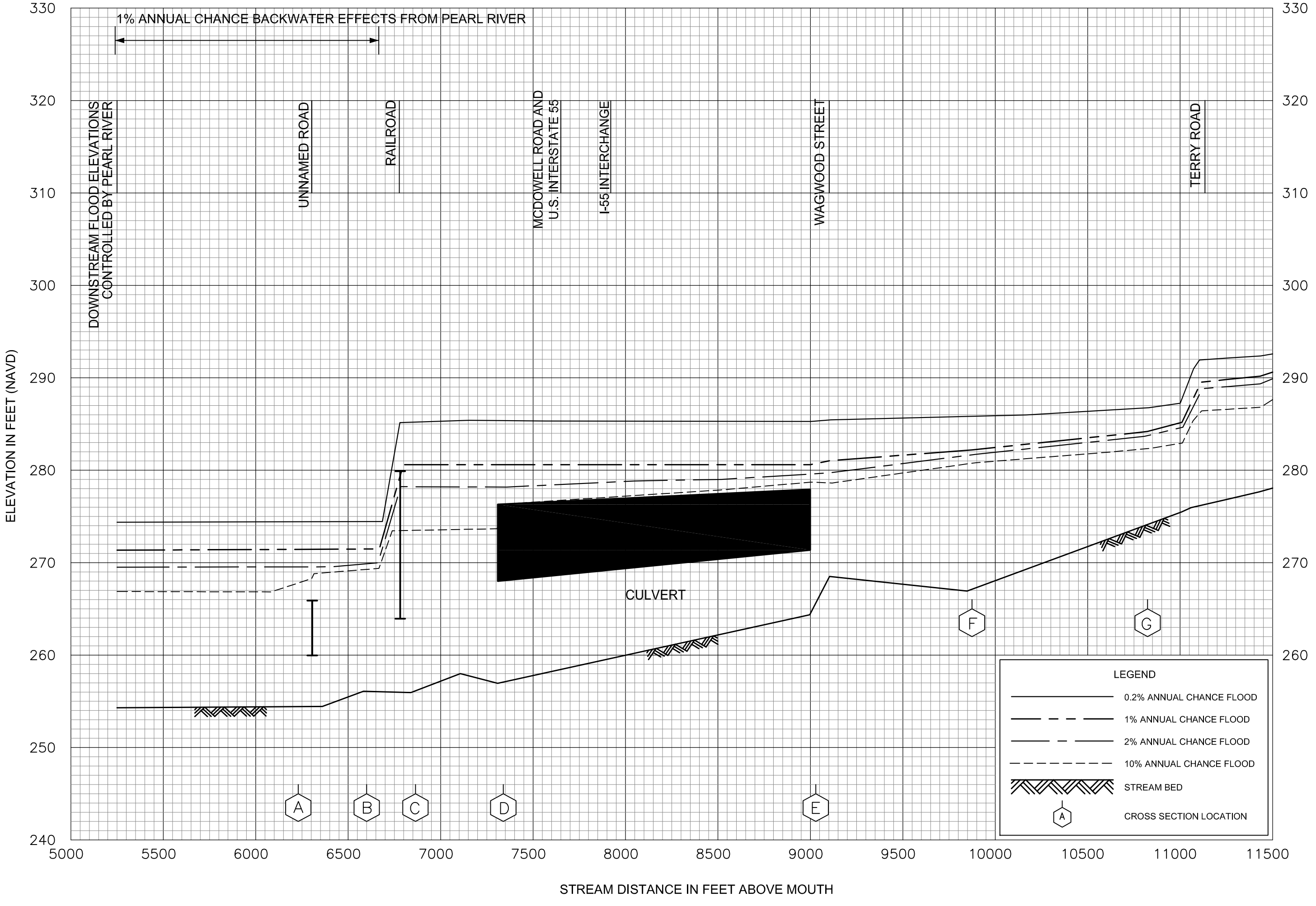
TERRELL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

268P



FLOOD PROFILES

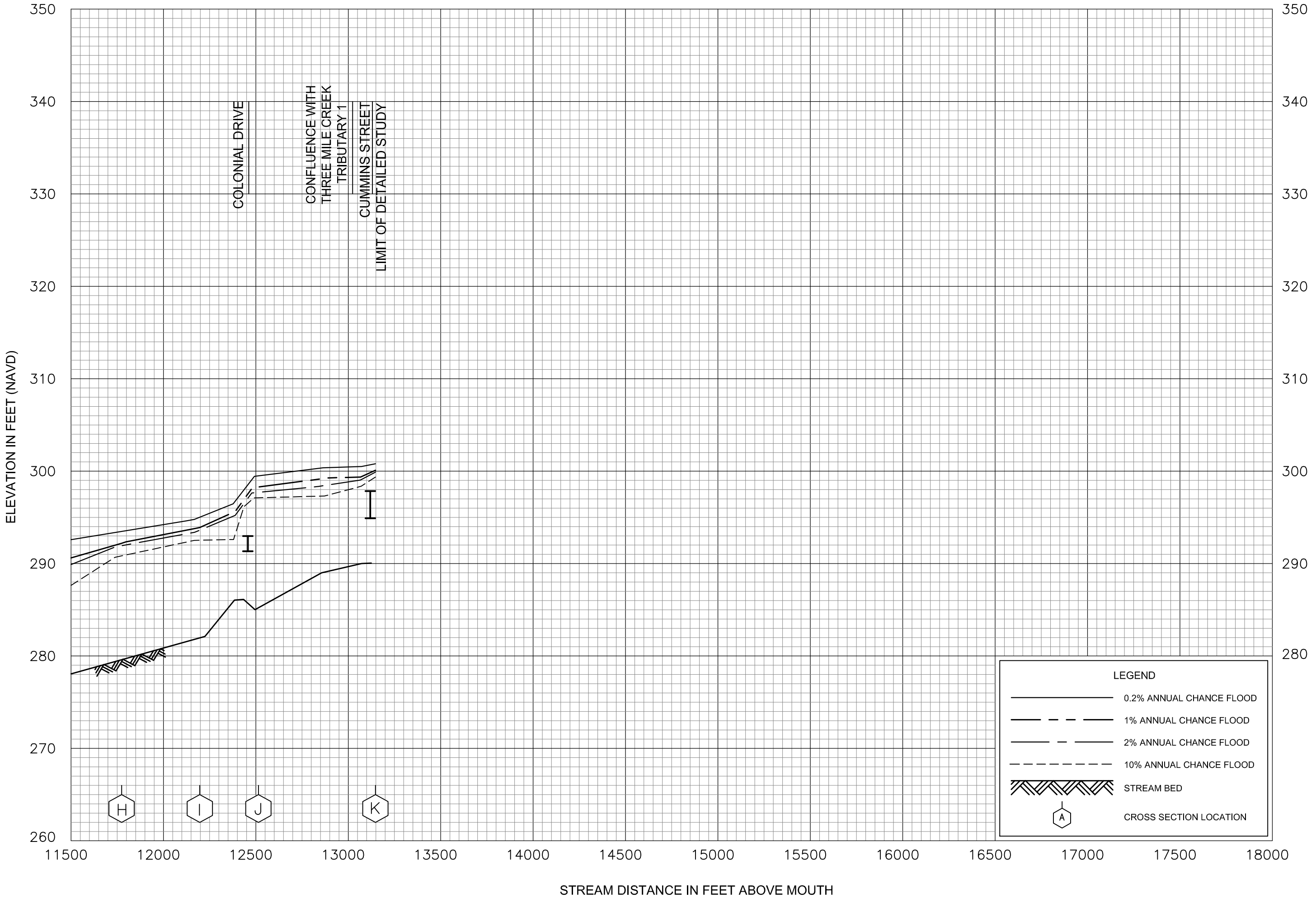
THREE MILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

269P



FLOOD PROFILES

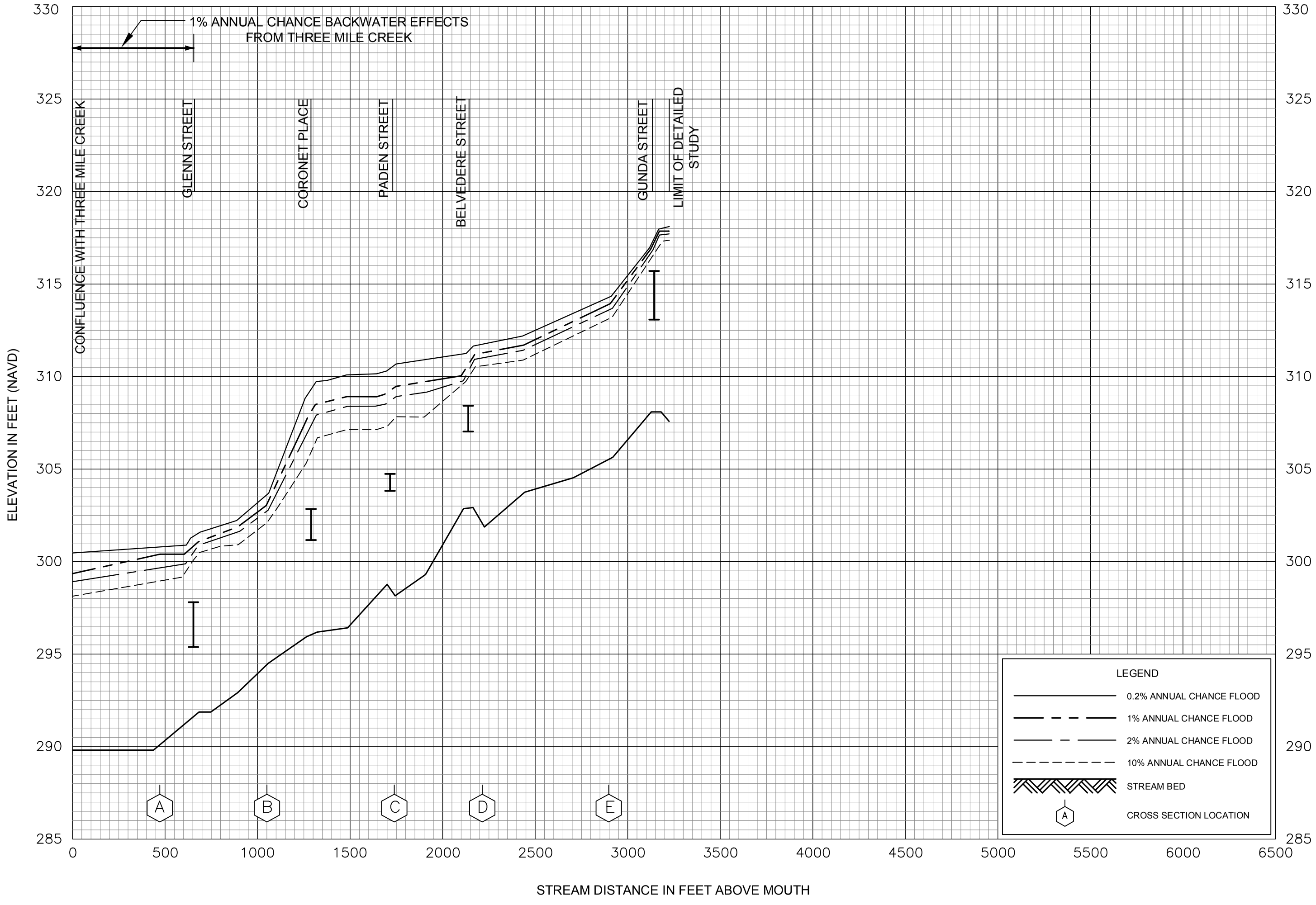
THREE MILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

270P



FLOOD PROFILES

THREE MILE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

271P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

CONFLUENCE WITH THE PEARL RIVER
RAILROAD
SOUTH STATE STREET
UNNAMED ROAD
RANKIN STREET
WEST STREET
RAILROAD
SOUTH STREET
COURT STREET
NORTH LAMAR STREET
SOUTH FARISH STREET
EAST PASCAGOULA STREET
PEARL STREET
CAPITOL STREET
ROACH STREET
AMITE STREET
GRIFFITH STREET
MILL STREET
RAILROAD
GALLATIN STREET

ELEVATION IN FEET (NAVD)

310
300
290
280
270
260
250
240
230
220

−1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000 11,000 12,000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D E F G H I J

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

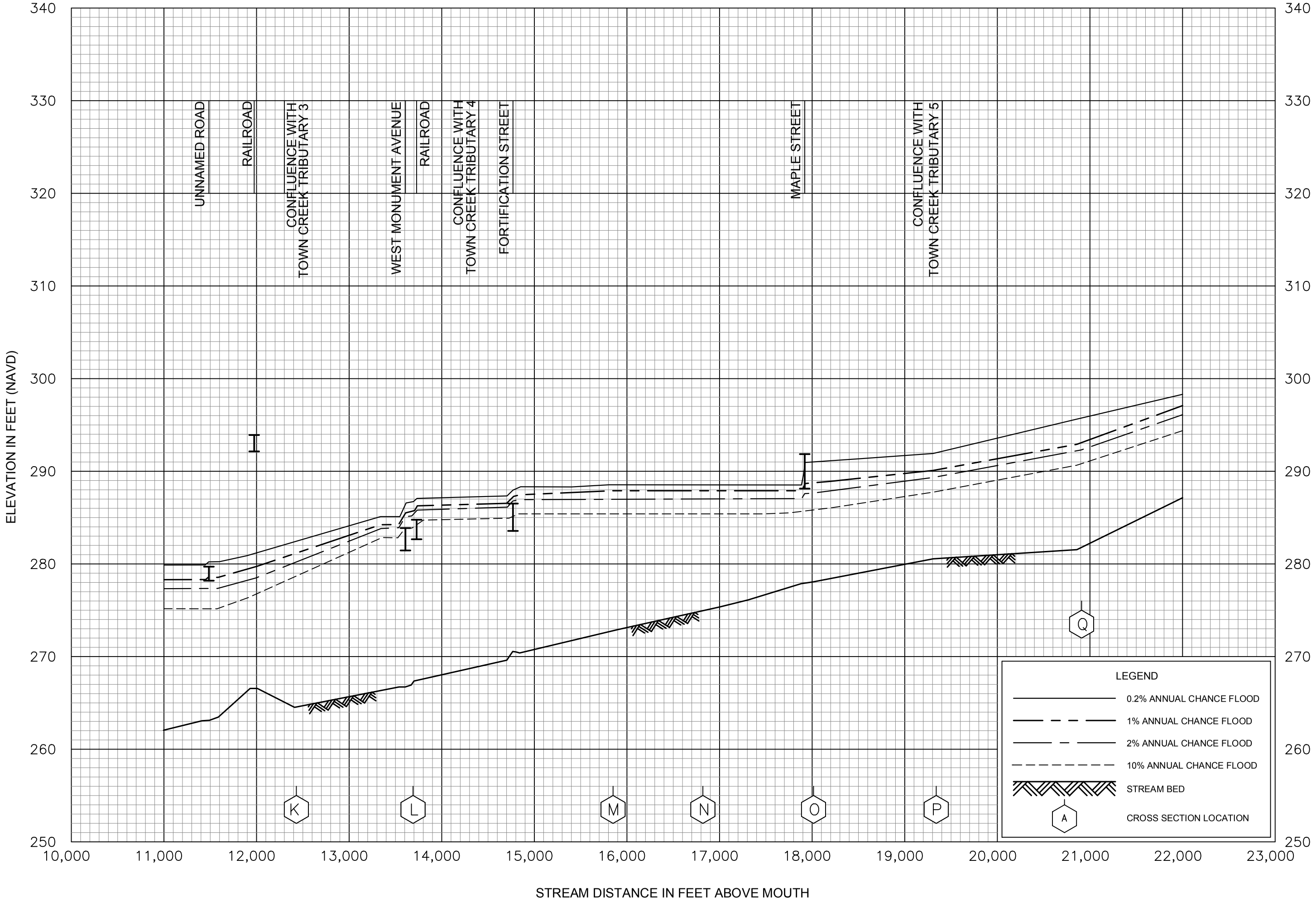
FLOOD PROFILES

TOWN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

272P



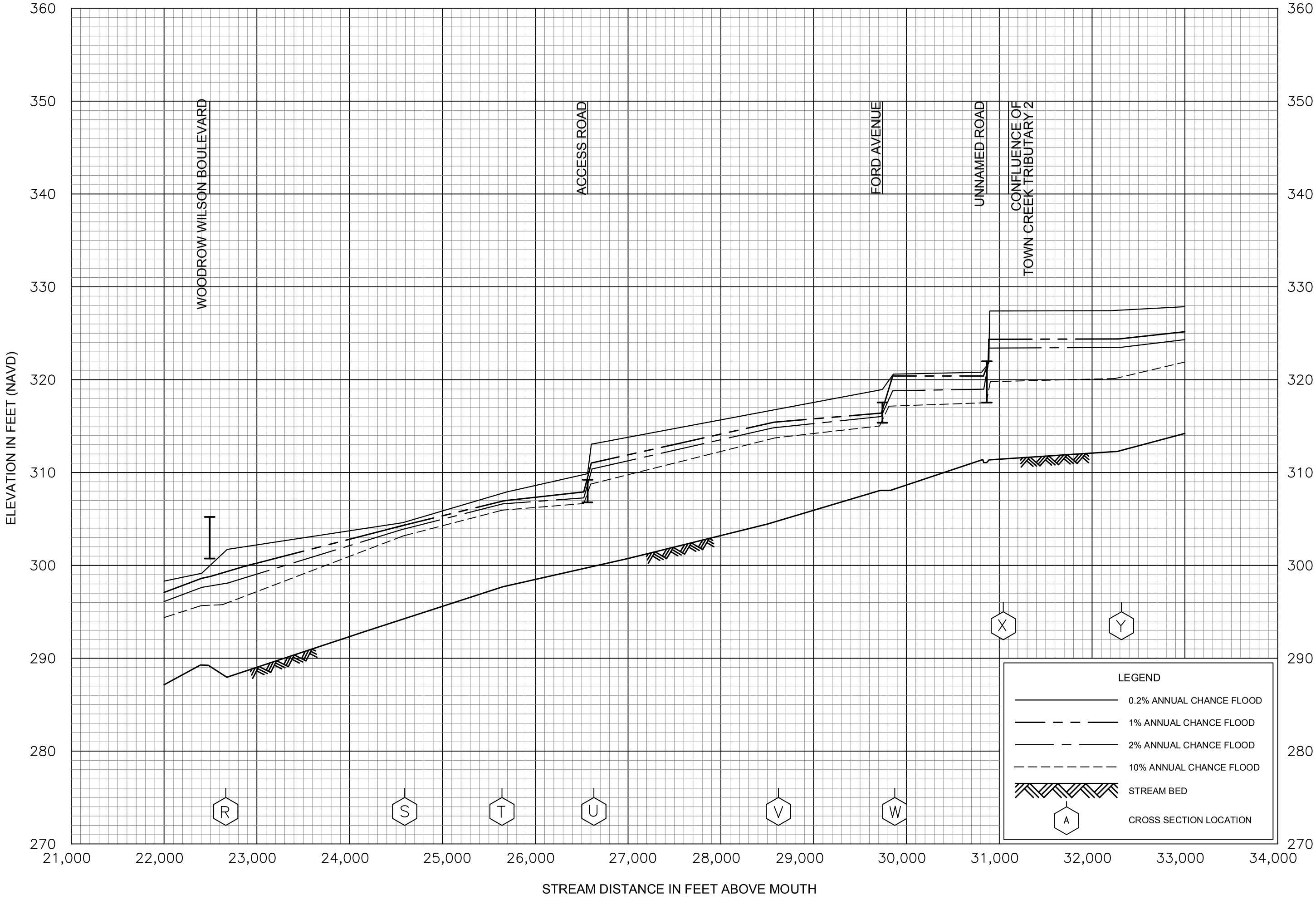
FLOOD PROFILES

TOWN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

273P



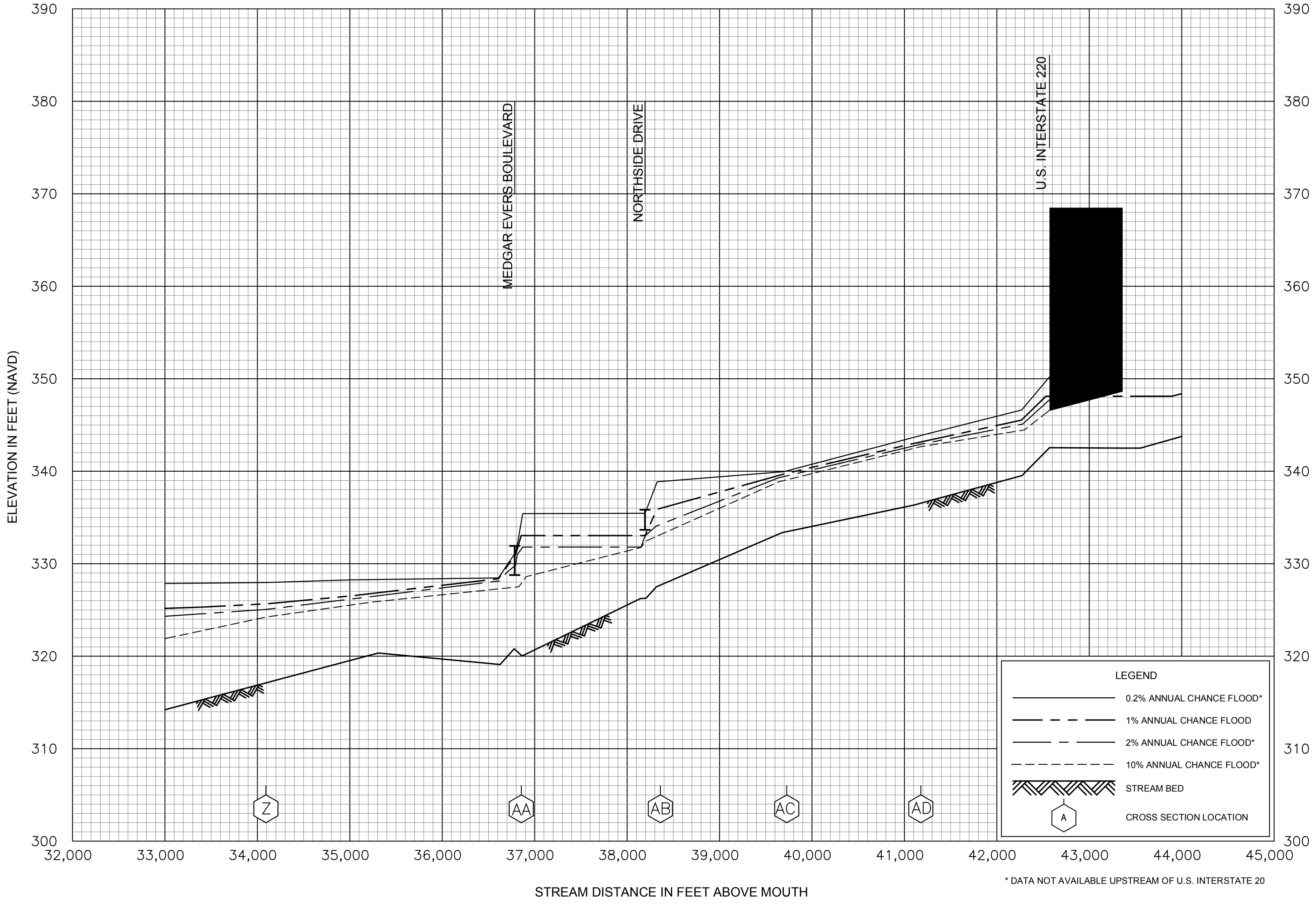
FLOOD PROFILES

TOWN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

274P



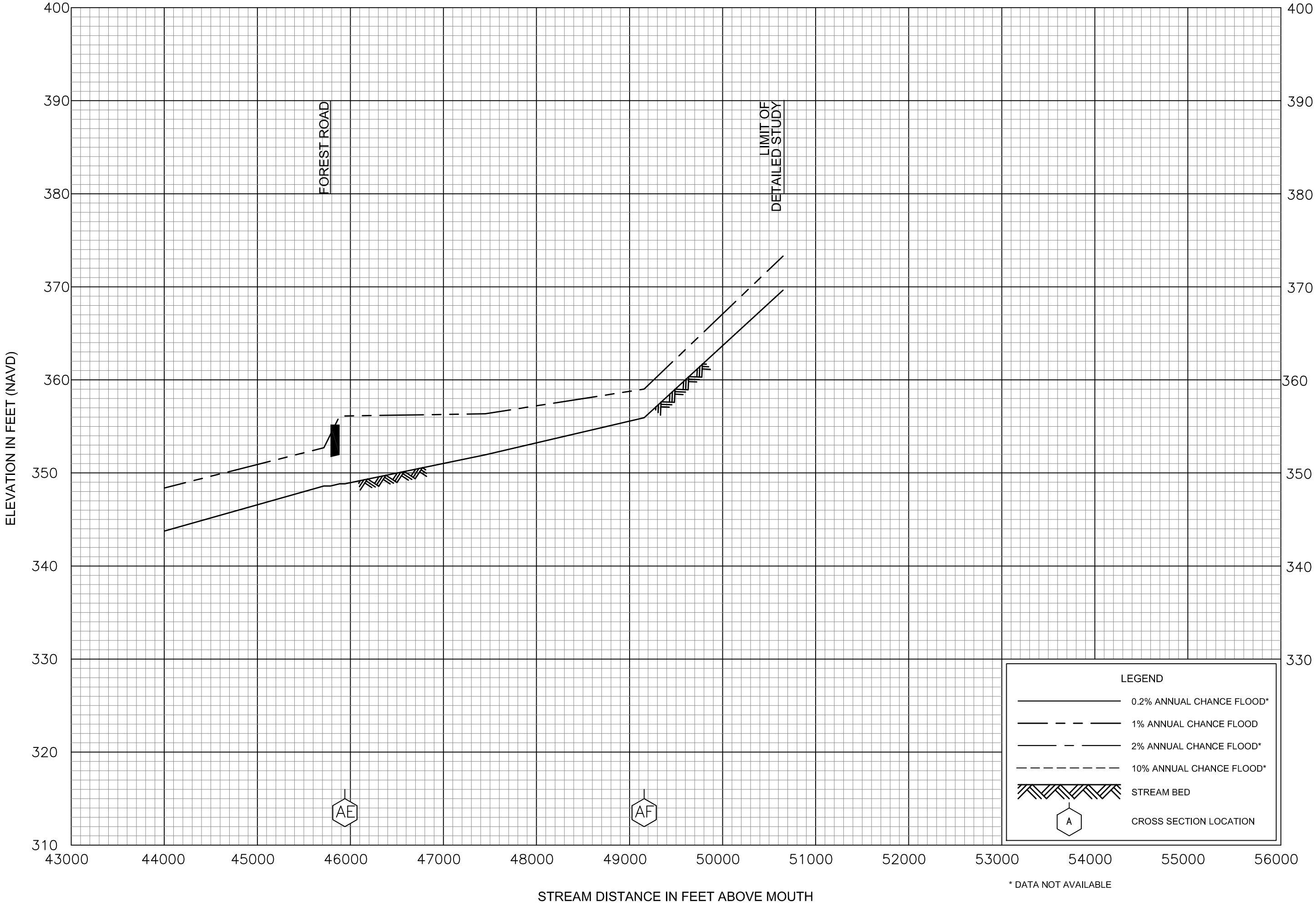
FLOOD PROFILES

TOWN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

275P



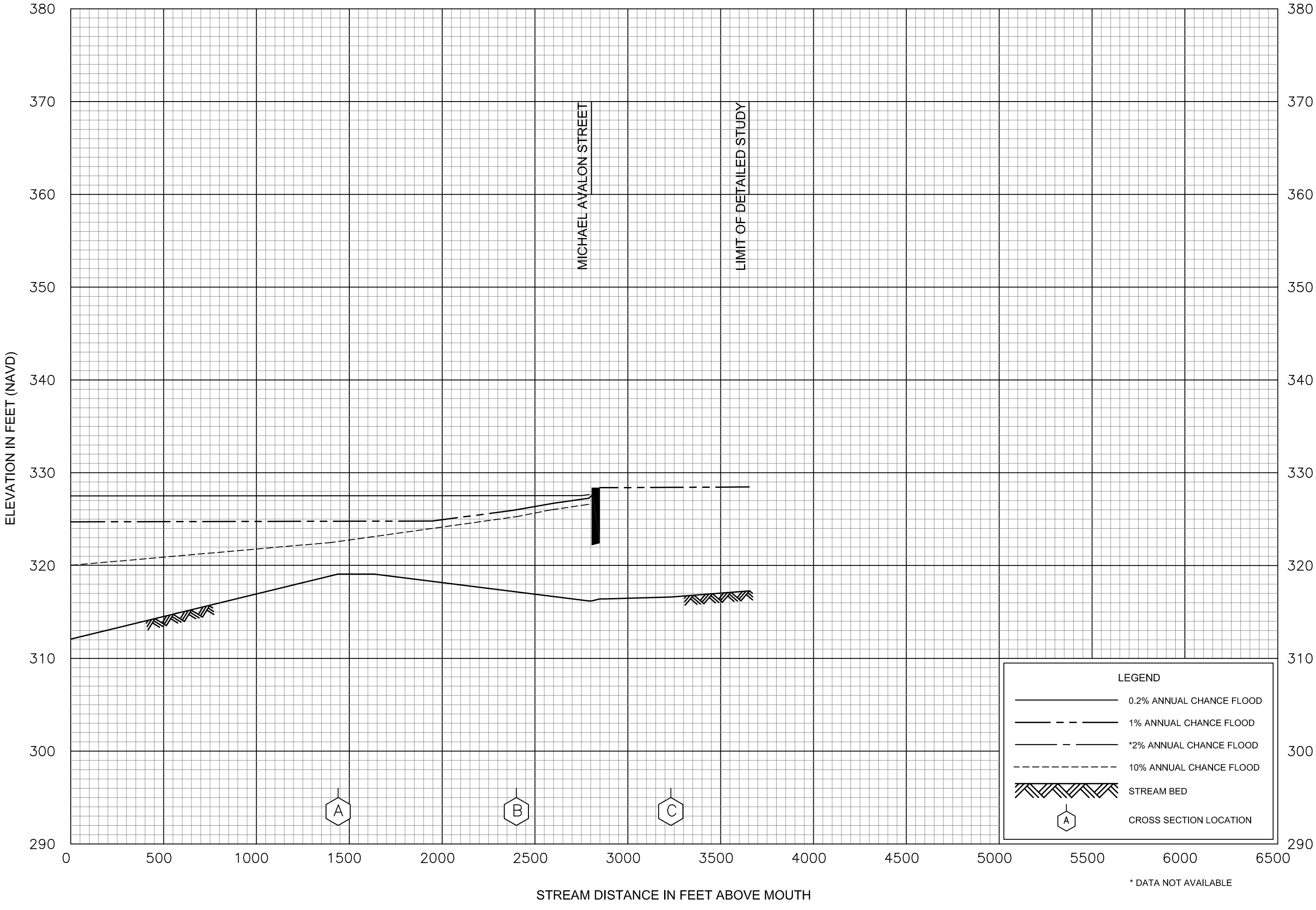
FLOOD PROFILES

TOWN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

276P



* DATA NOT AVAILABLE

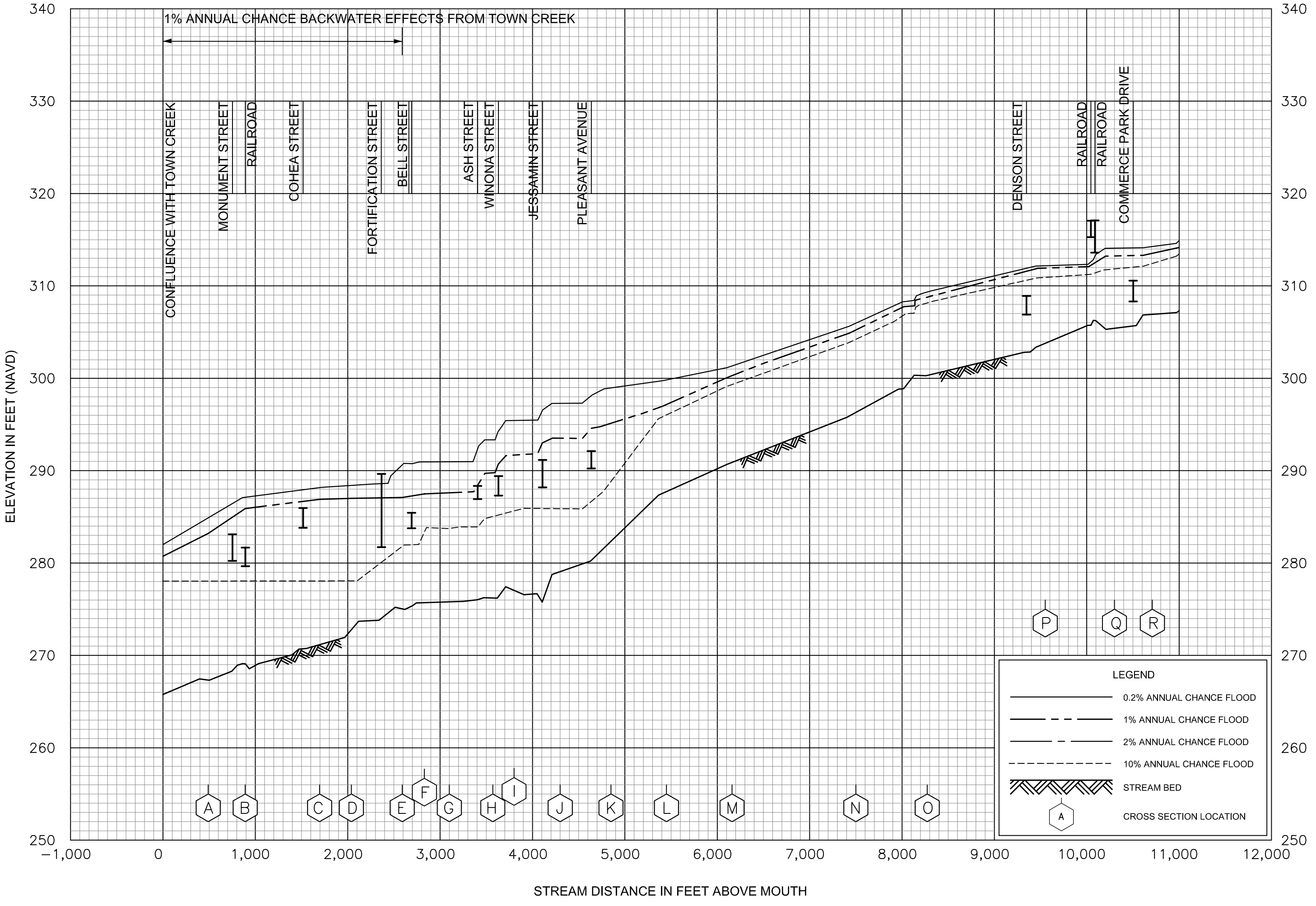
FLOOD PROFILES

TOWN CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

277P



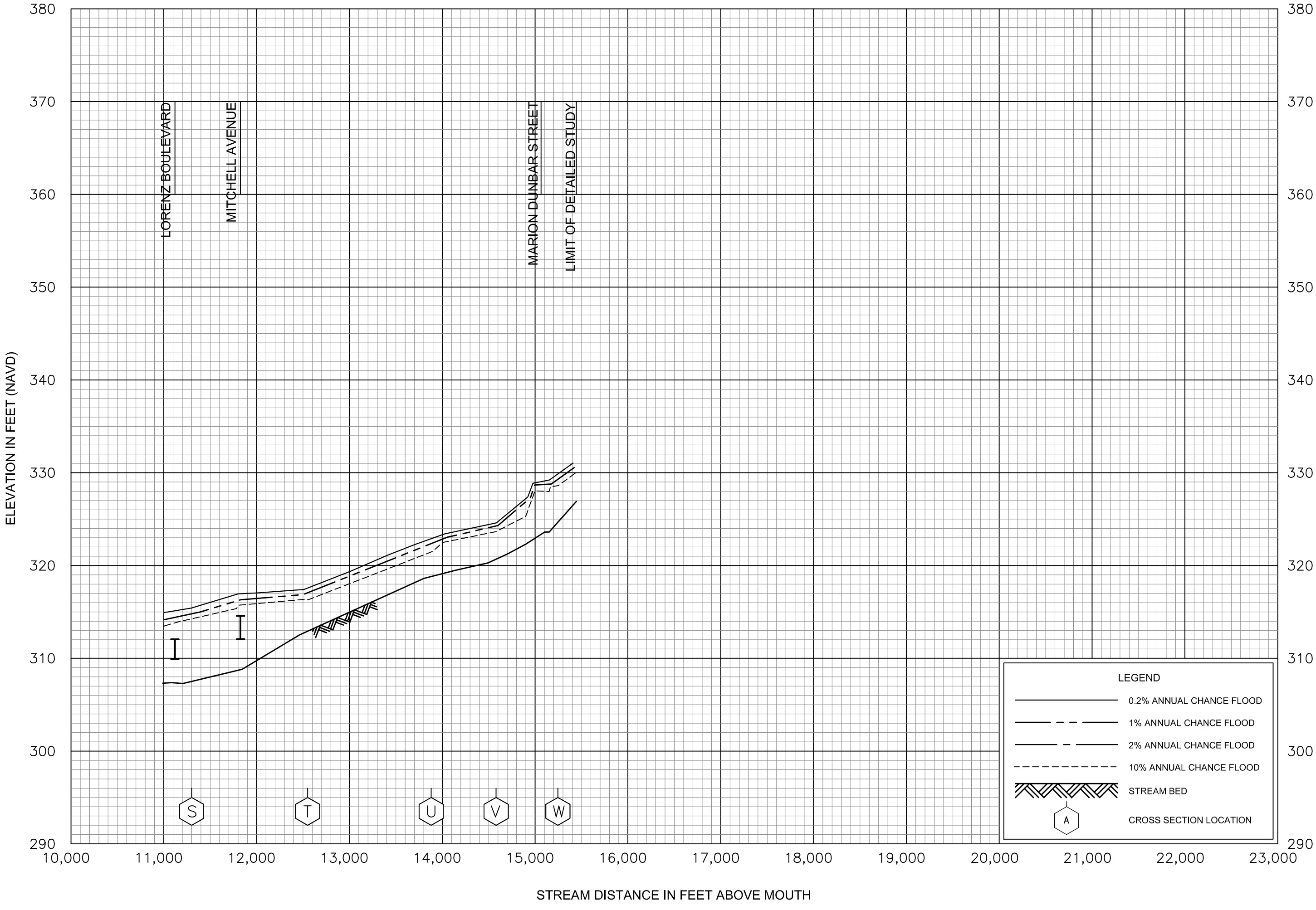
FLOOD PROFILES

TOWN CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

278P



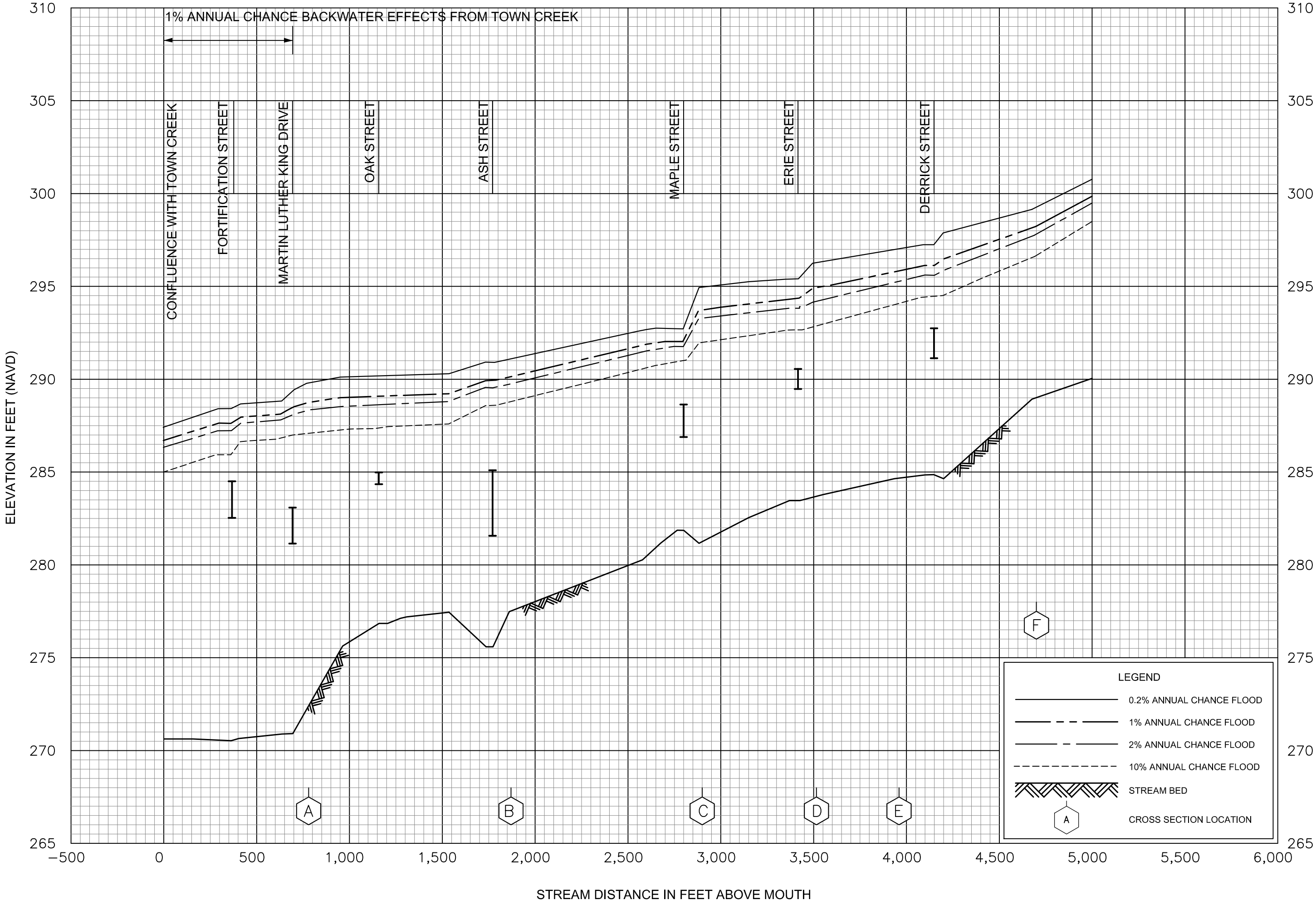
FLOOD PROFILES

TOWN CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

279P



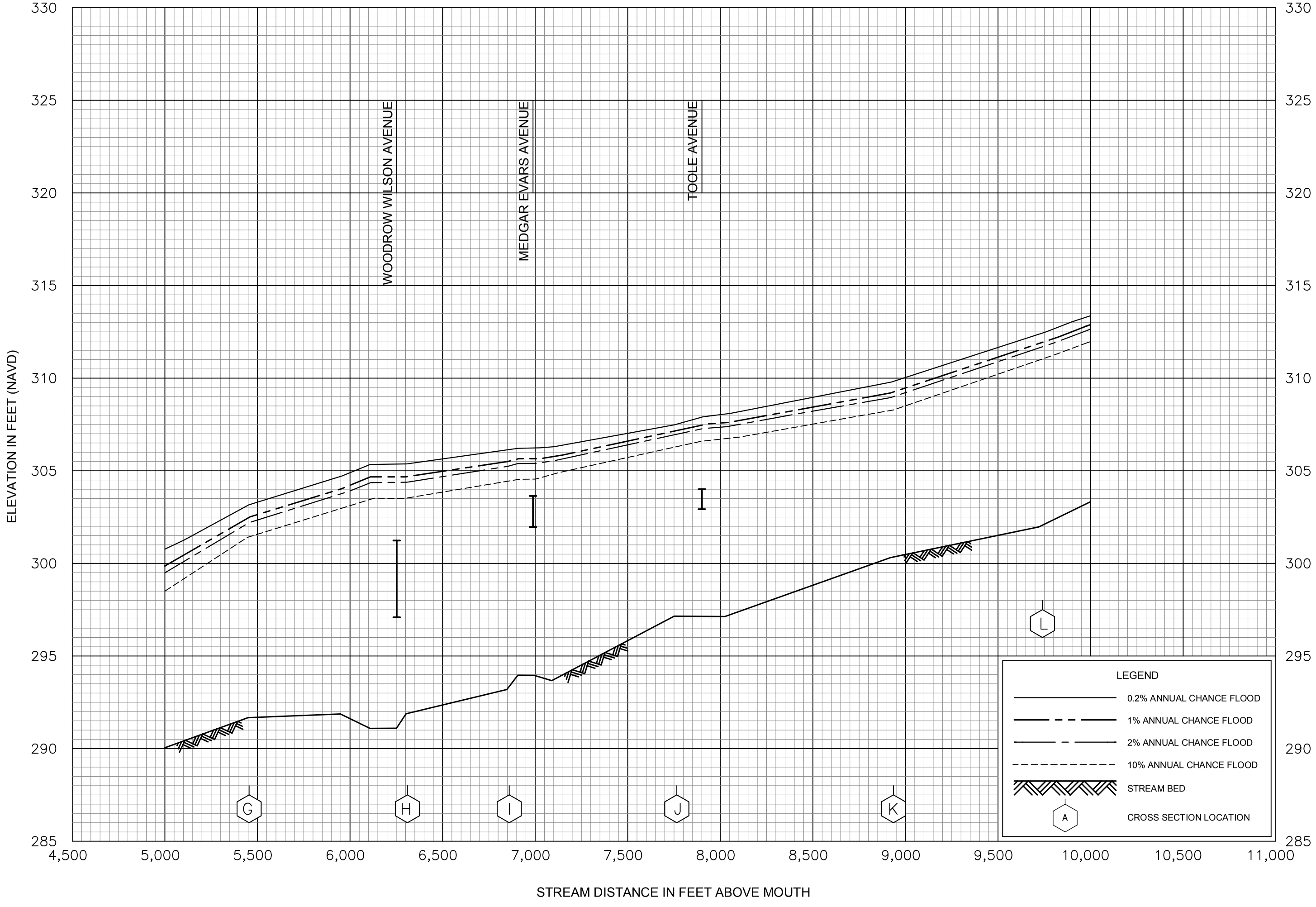
FLOOD PROFILES

TOWN CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

280P



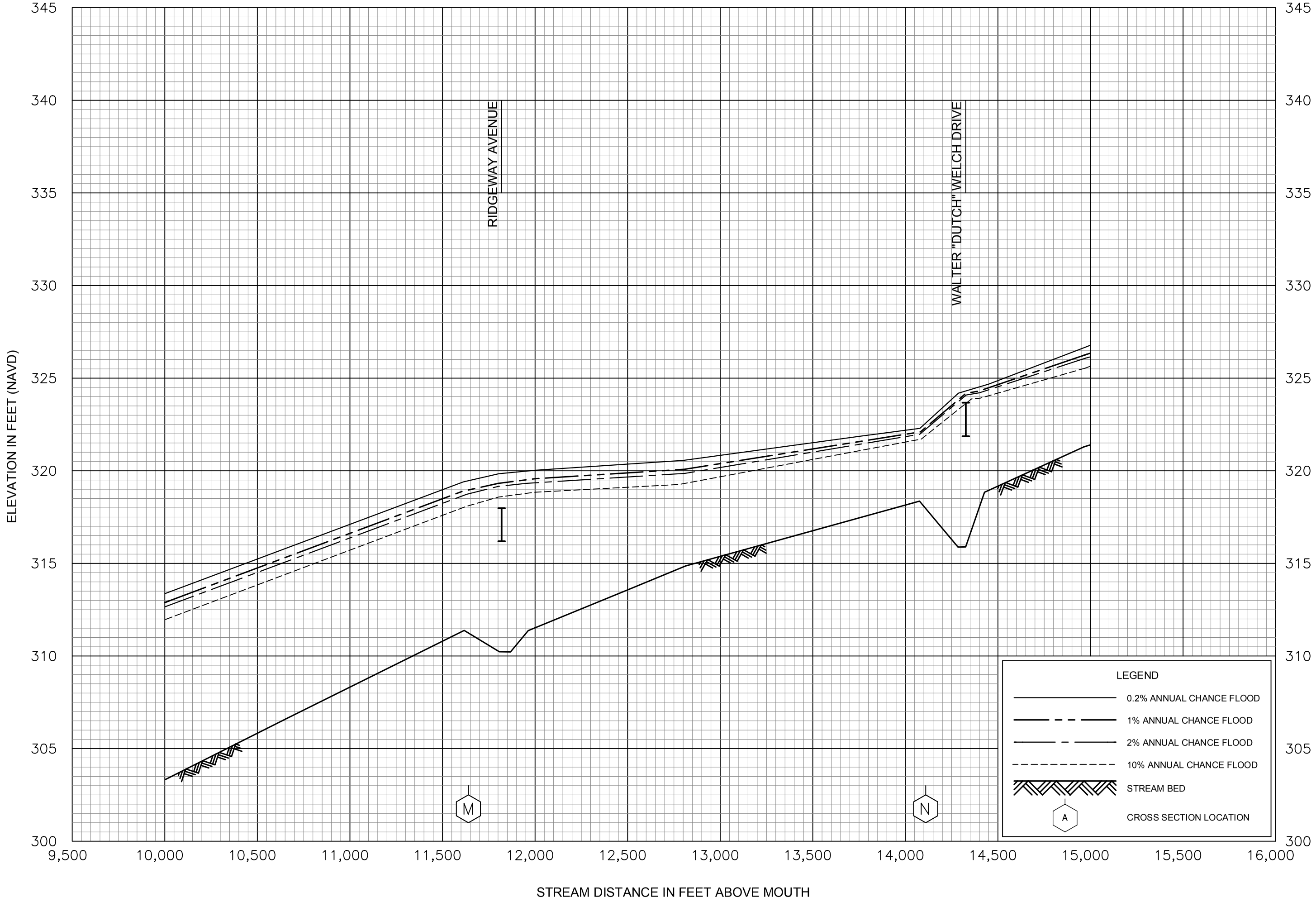
FLOOD PROFILES

TOWN CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

281P



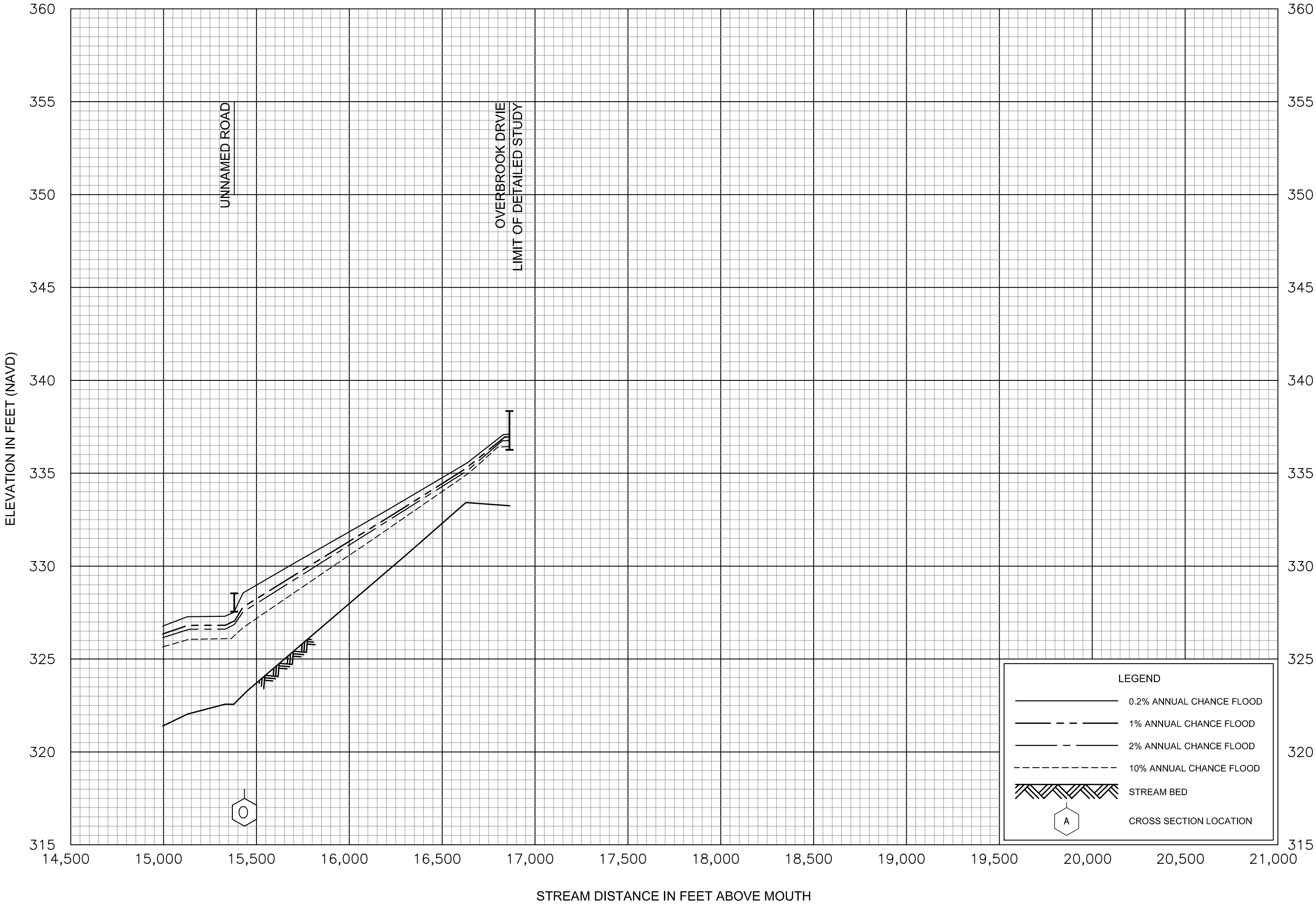
FLOOD PROFILES

TOWN CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

282P



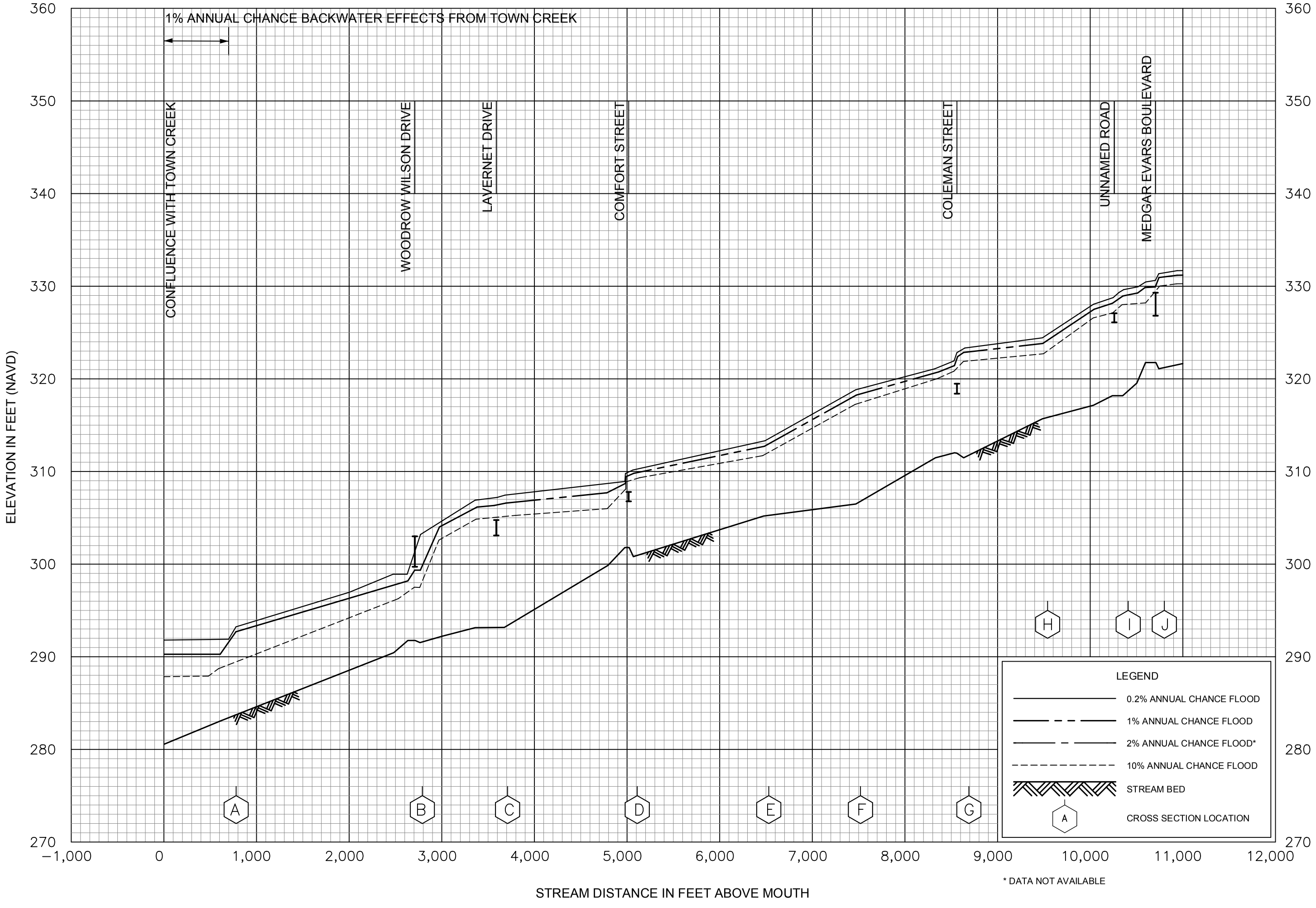
FLOOD PROFILES

TOWN CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

283P



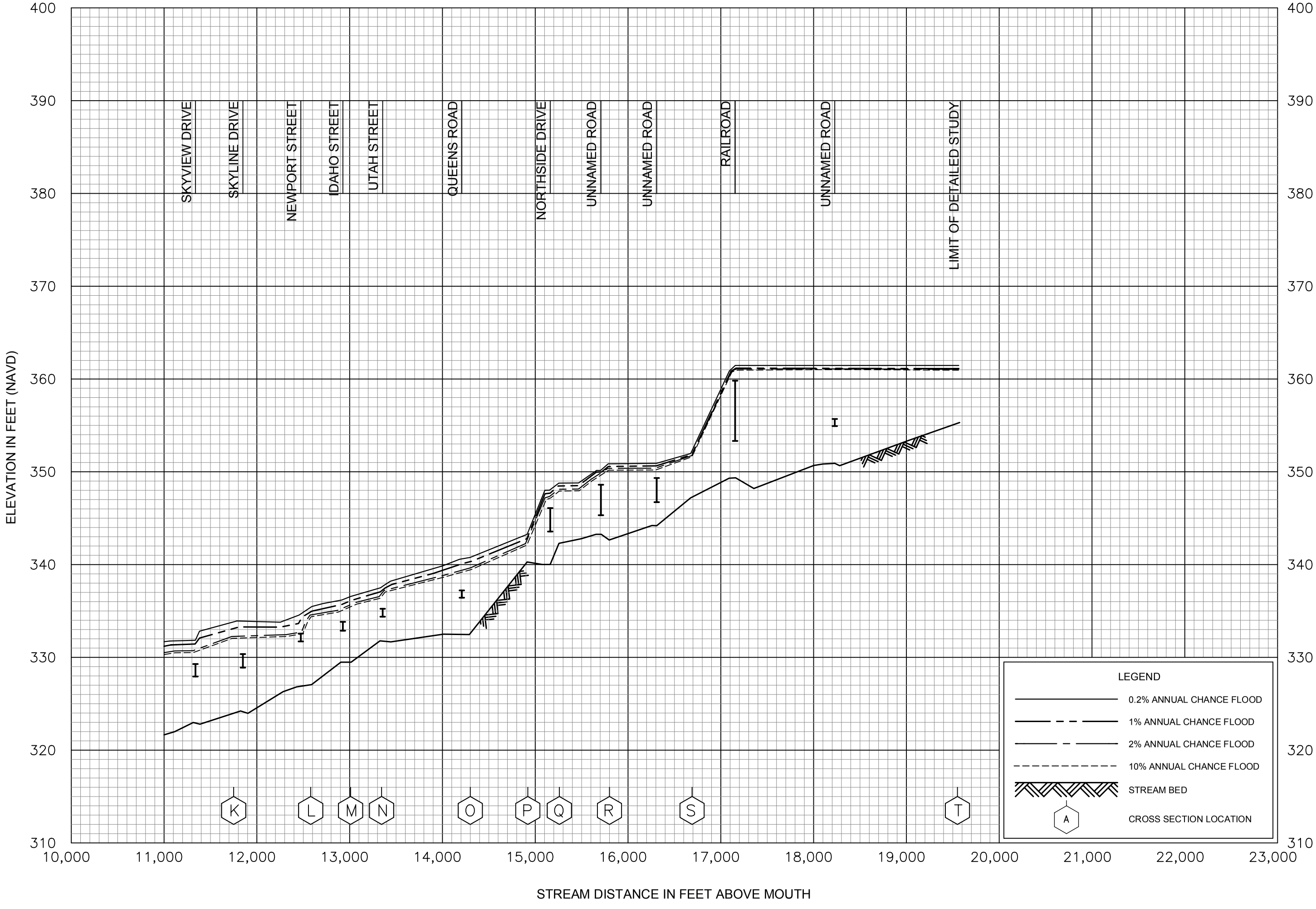
FLOOD PROFILES

TOWN CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

284P



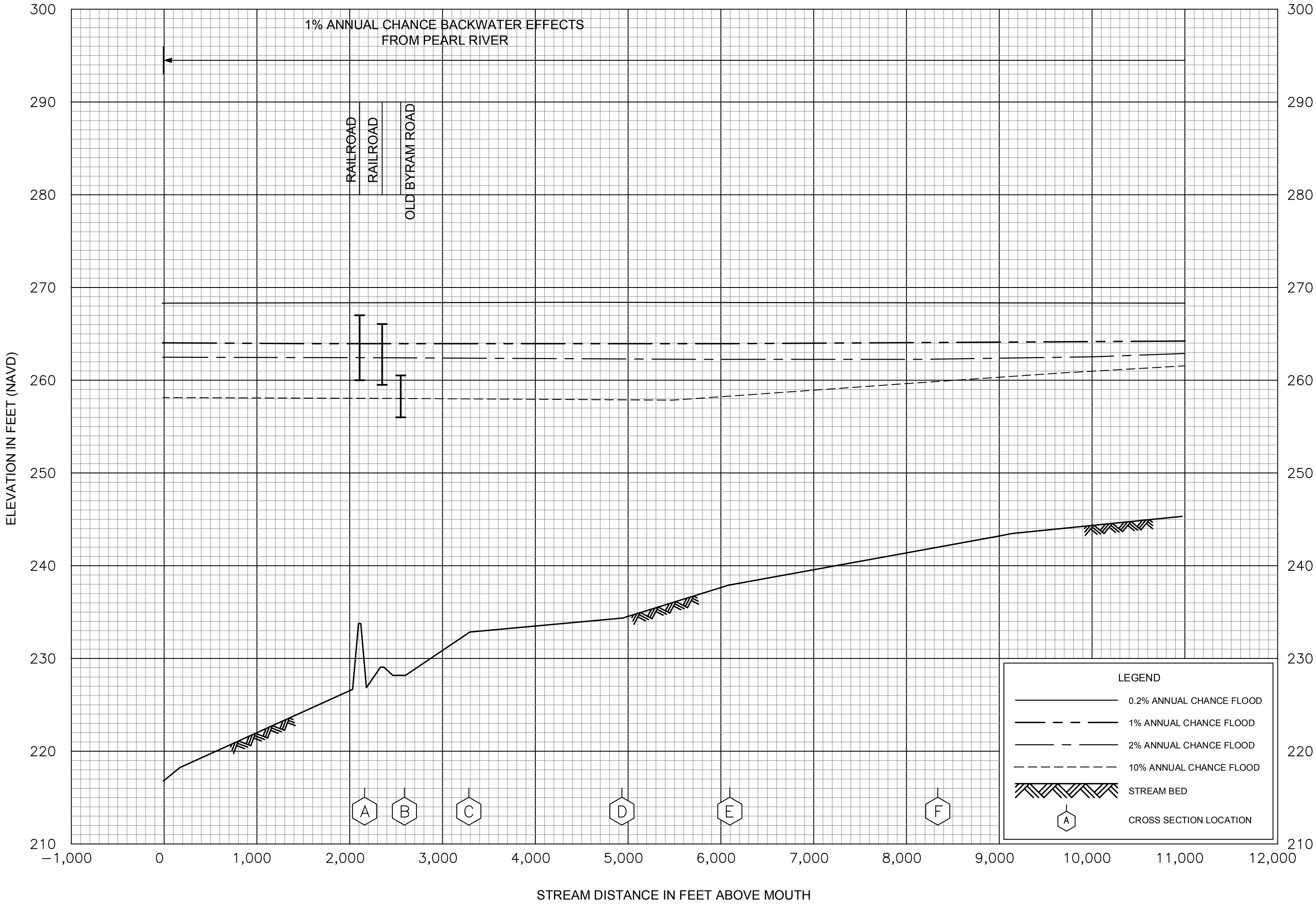
FLOOD PROFILES

TOWN CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

285P



FLOOD PROFILES

TRAHON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

286P

1% ANNUAL CHANCE BACKWATER EFFECTS
FROM PEARL RIVER

BOUNDS ROAD

EAST FRONTAGE ROAD

INTERSTATE 55

WEST FRONTAGE ROAD

TERRY ROAD

ELEVATION IN FEET (NAVD)

300
290
280
270
260
250
240
230
220
210

10,000 11,000 12,000 13,000 14,000 15,000 16,000 17,000 18,000 19,000 20,000 21,000 22,000 23,000

STREAM DISTANCE IN FEET ABOVE MOUTH

G H I J K L M N O

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

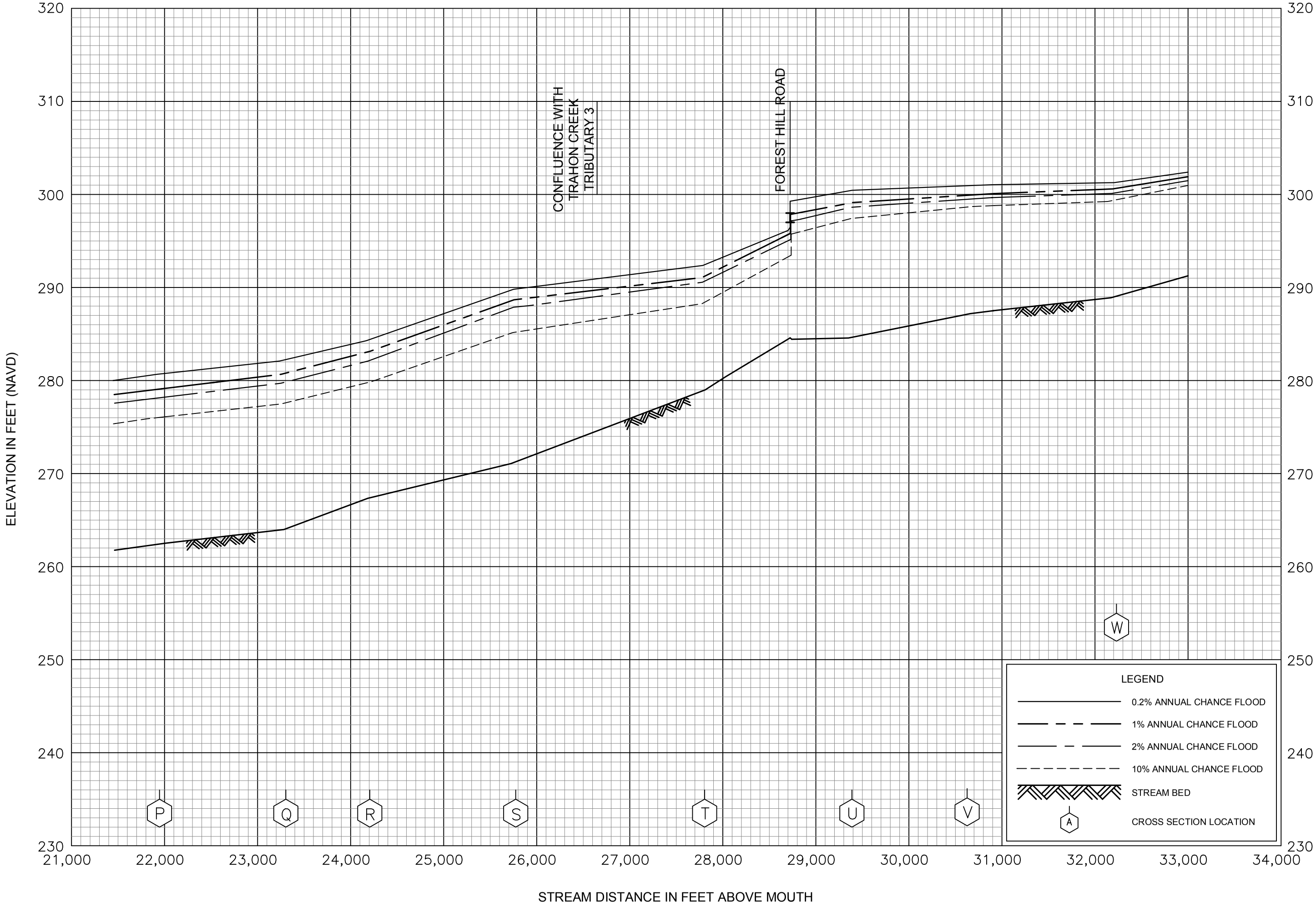
TRAHON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

287P



FLOOD PROFILES

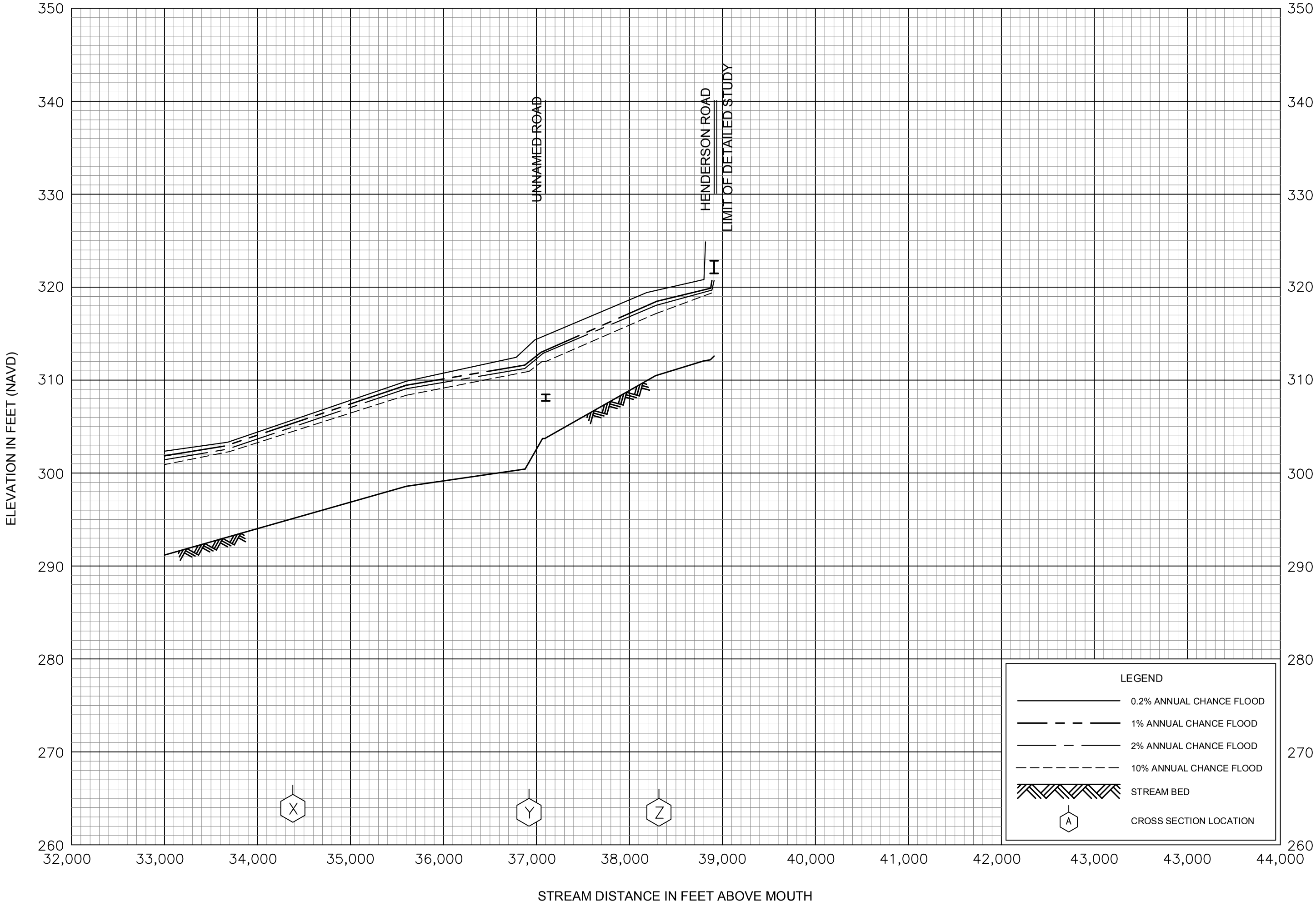
TRAHON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

288P



FLOOD PROFILES

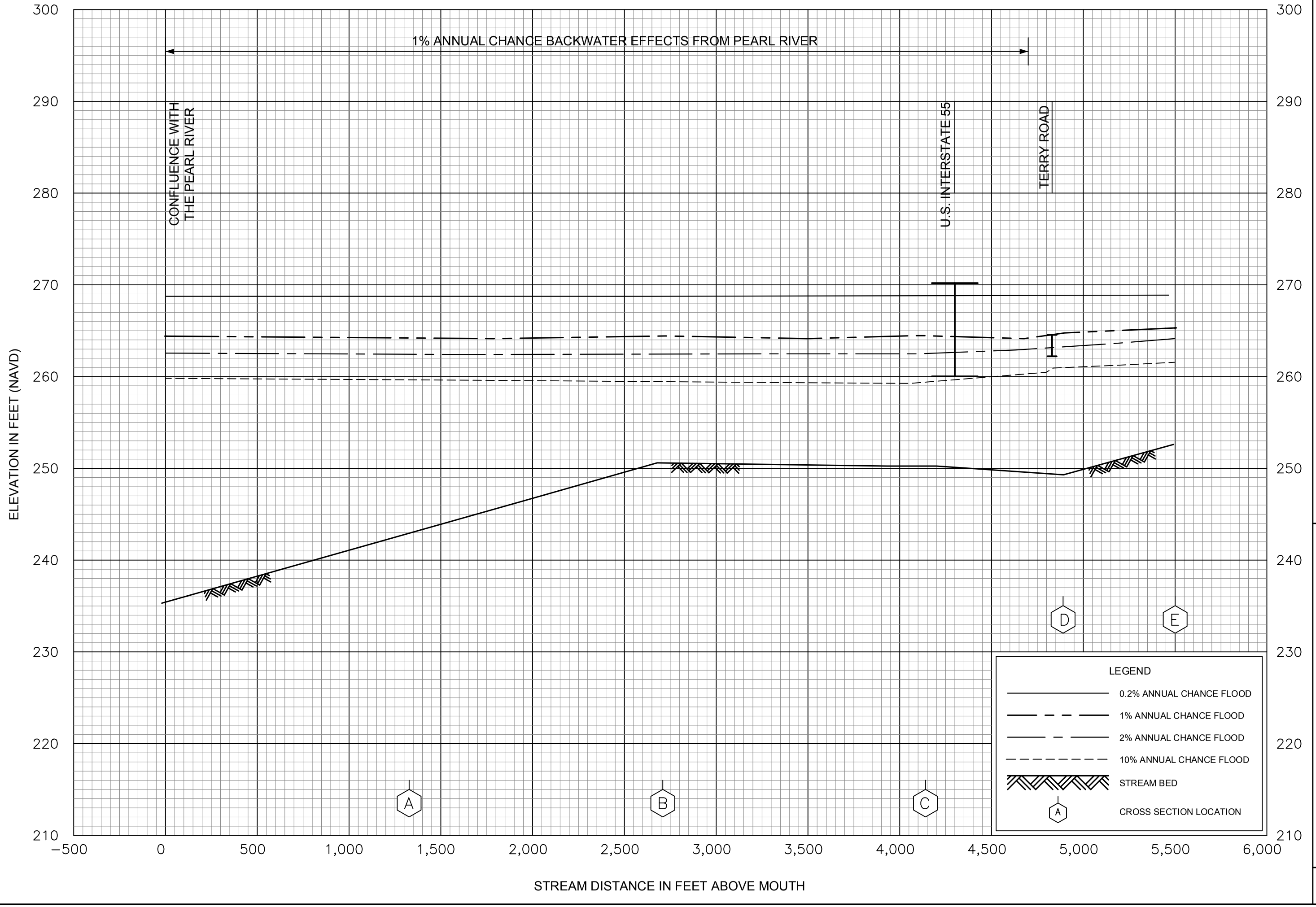
TRAHON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

289P



FLOOD PROFILES

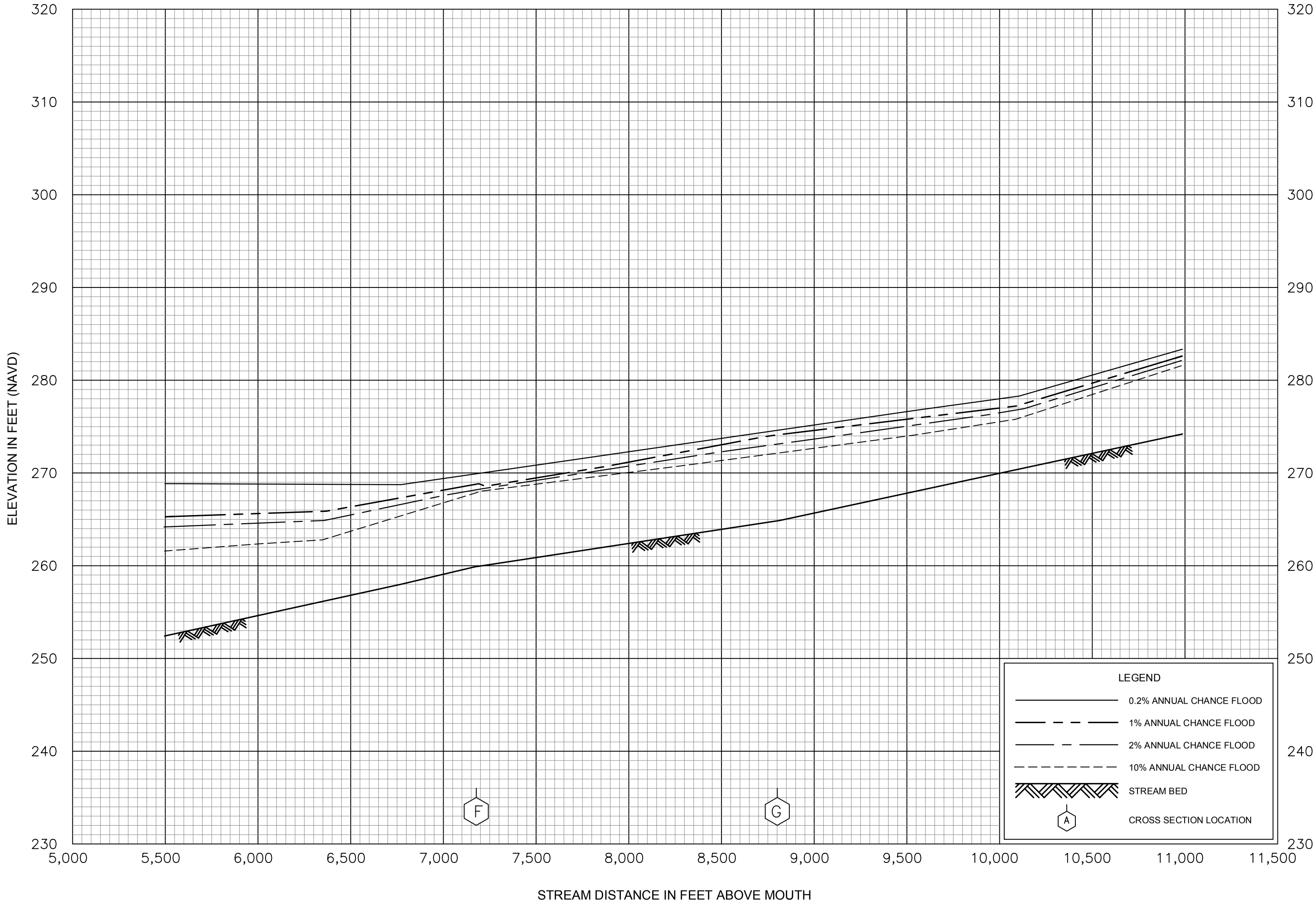
TRAHON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

290P



FLOOD PROFILES

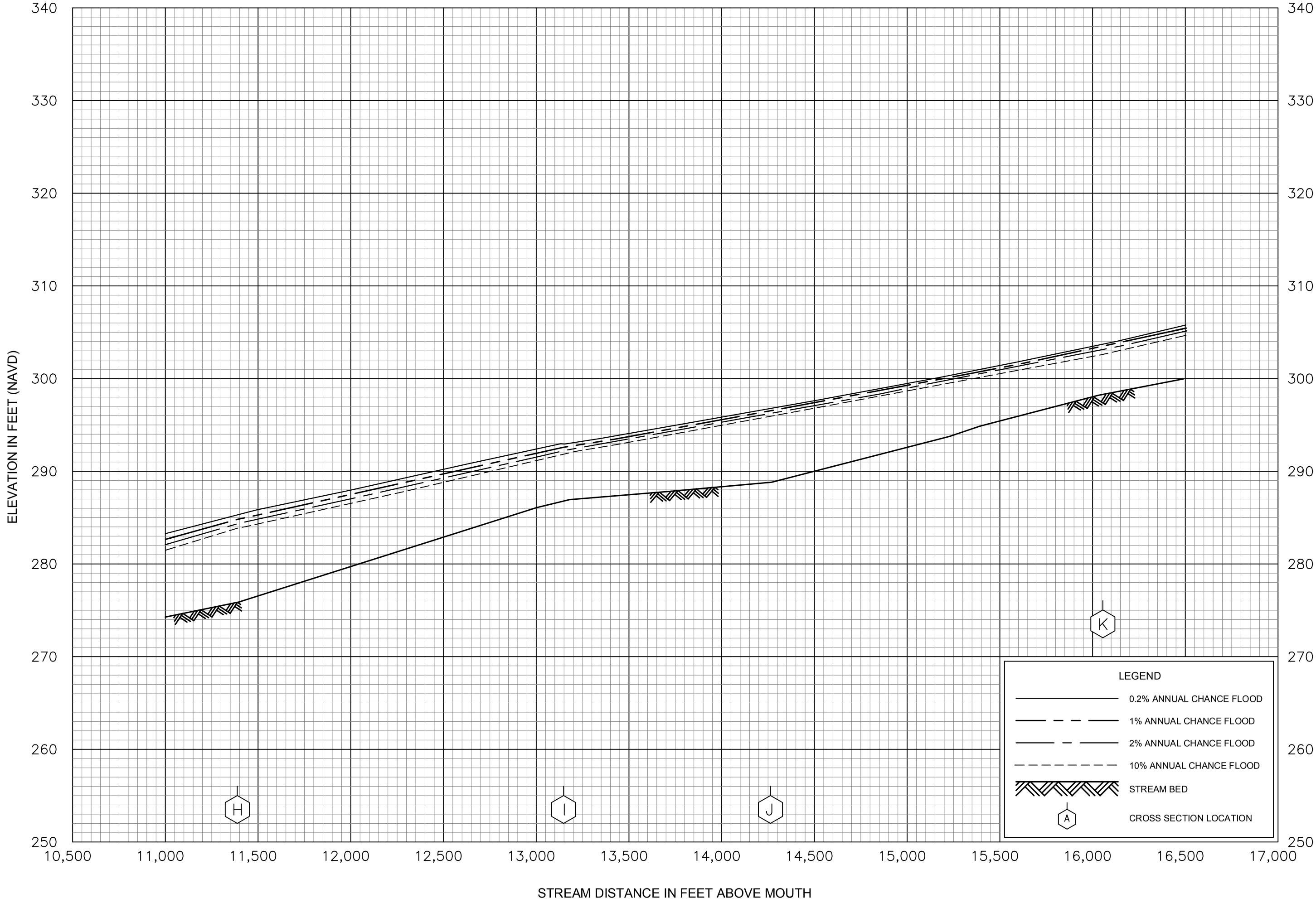
TRAHON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

291P



FLOOD PROFILES

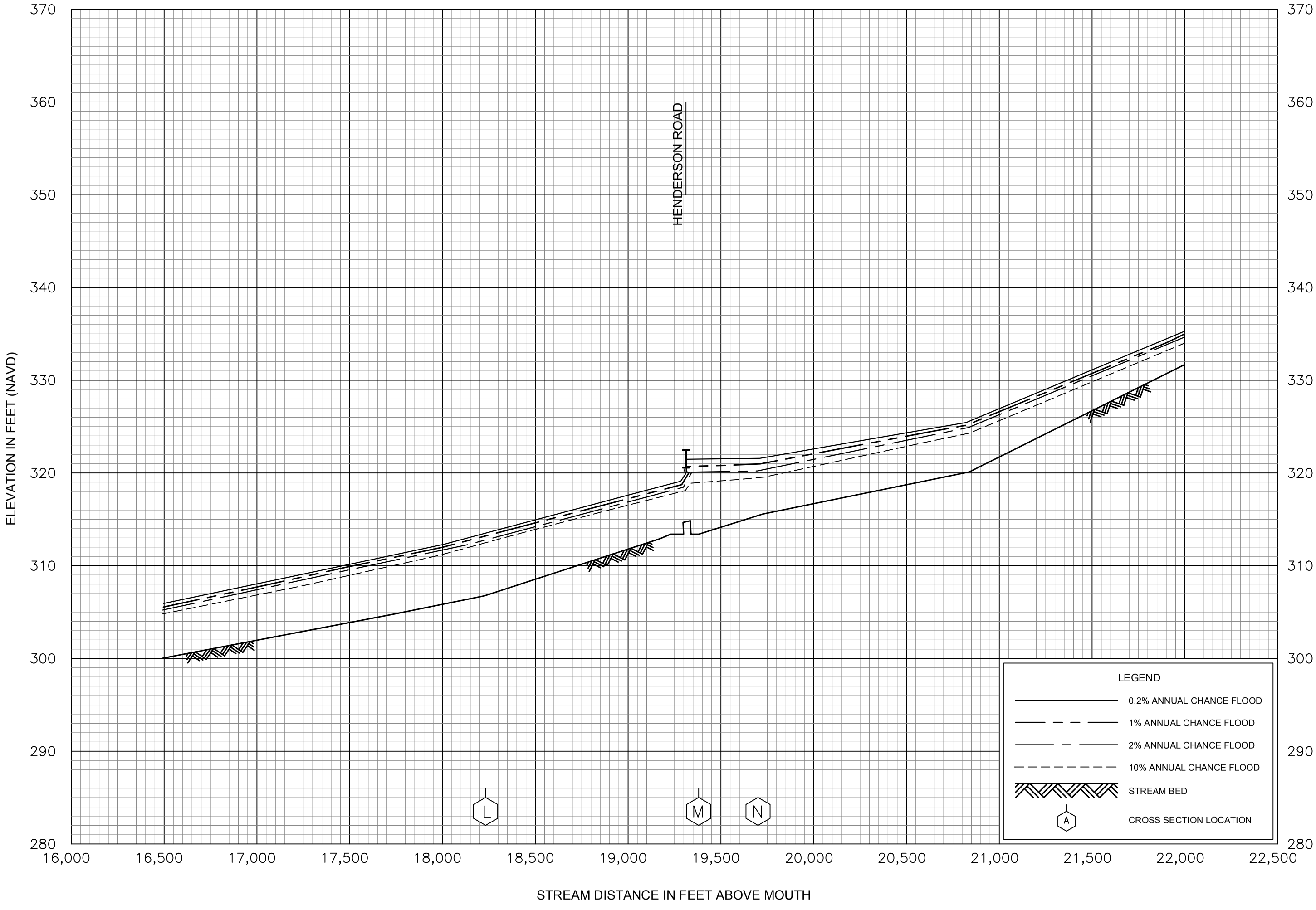
TRAHON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

292P



FLOOD PROFILES

TRAHON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

293P

ELEVATION IN FEET (NAVD)

410
400
390
380
370
360
350
340
330
320

LIMIT OF DETAILED STUDY

21,500 22,000 22,500 23,000 23,500 24,000 24,500 25,000 25,500 26,000 26,500 27,000 27,500 28,000

STREAM DISTANCE IN FEET ABOVE MOUTH

O

P

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

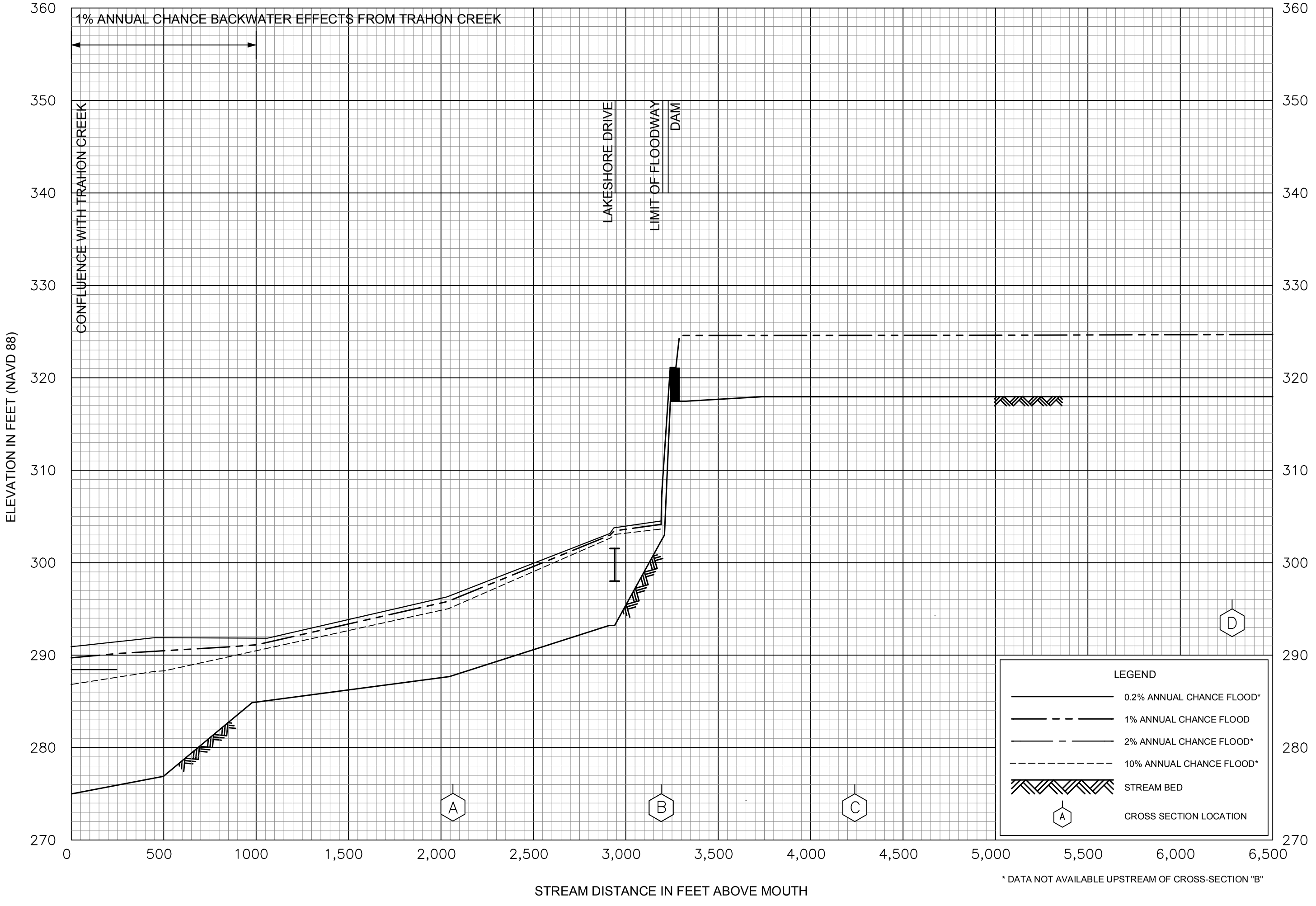
TRAHON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

294P



FLOOD PROFILES

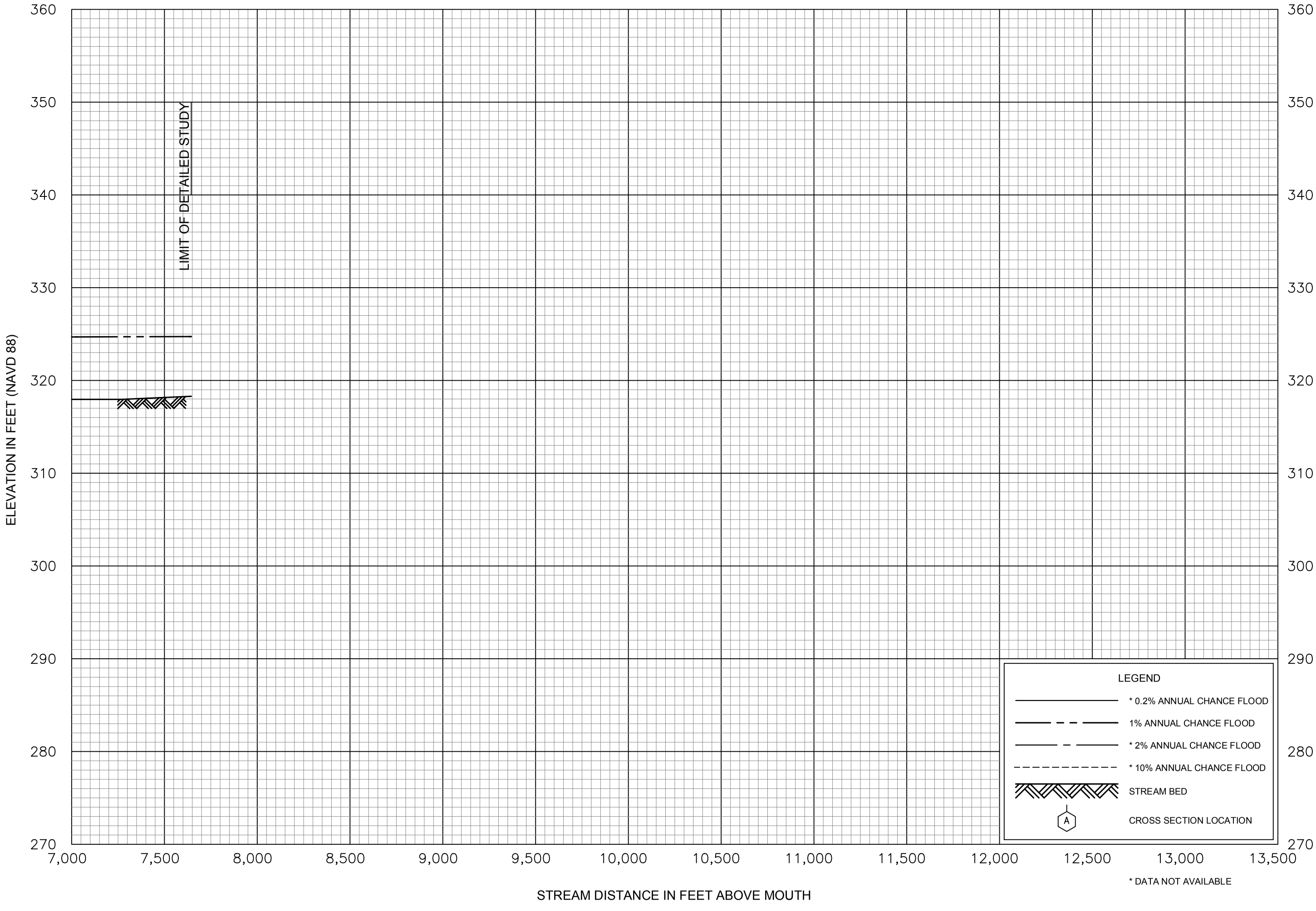
TRAHON CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

295P



FLOOD PROFILES

TRAHON CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

296P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM FOURTEENMILE CREEK

CONFLUENCE WITH FOURTEENMILE CREEK

MOUNT MORIAH ROAD

ELEVATION IN FEET (NAVD)

200
190
180
170
160
150
140
130
120
110

0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000 26000

STREAM DISTANCE IN FEET ABOVE MOUTH

A

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

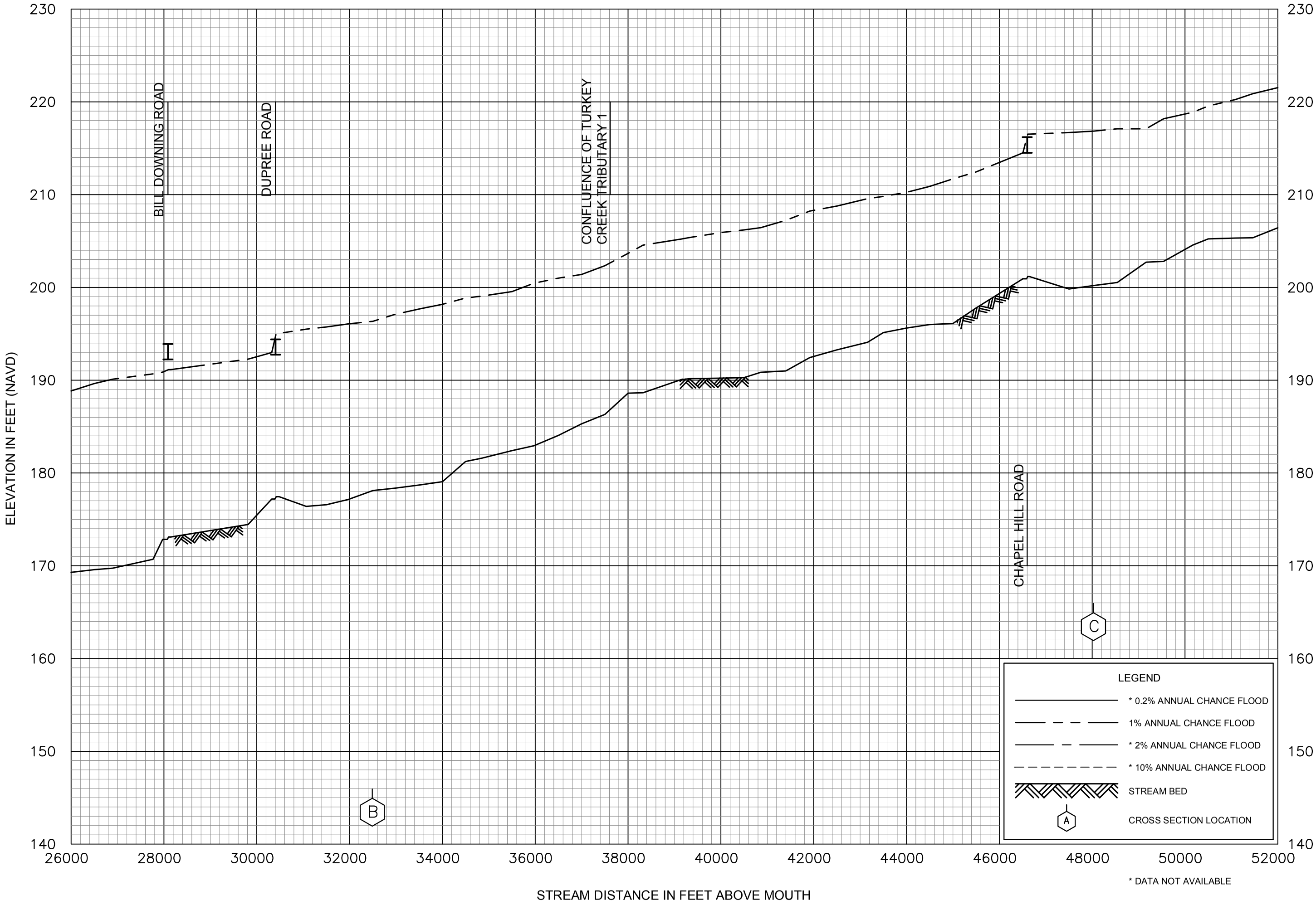
TURKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

297P



FLOOD PROFILES

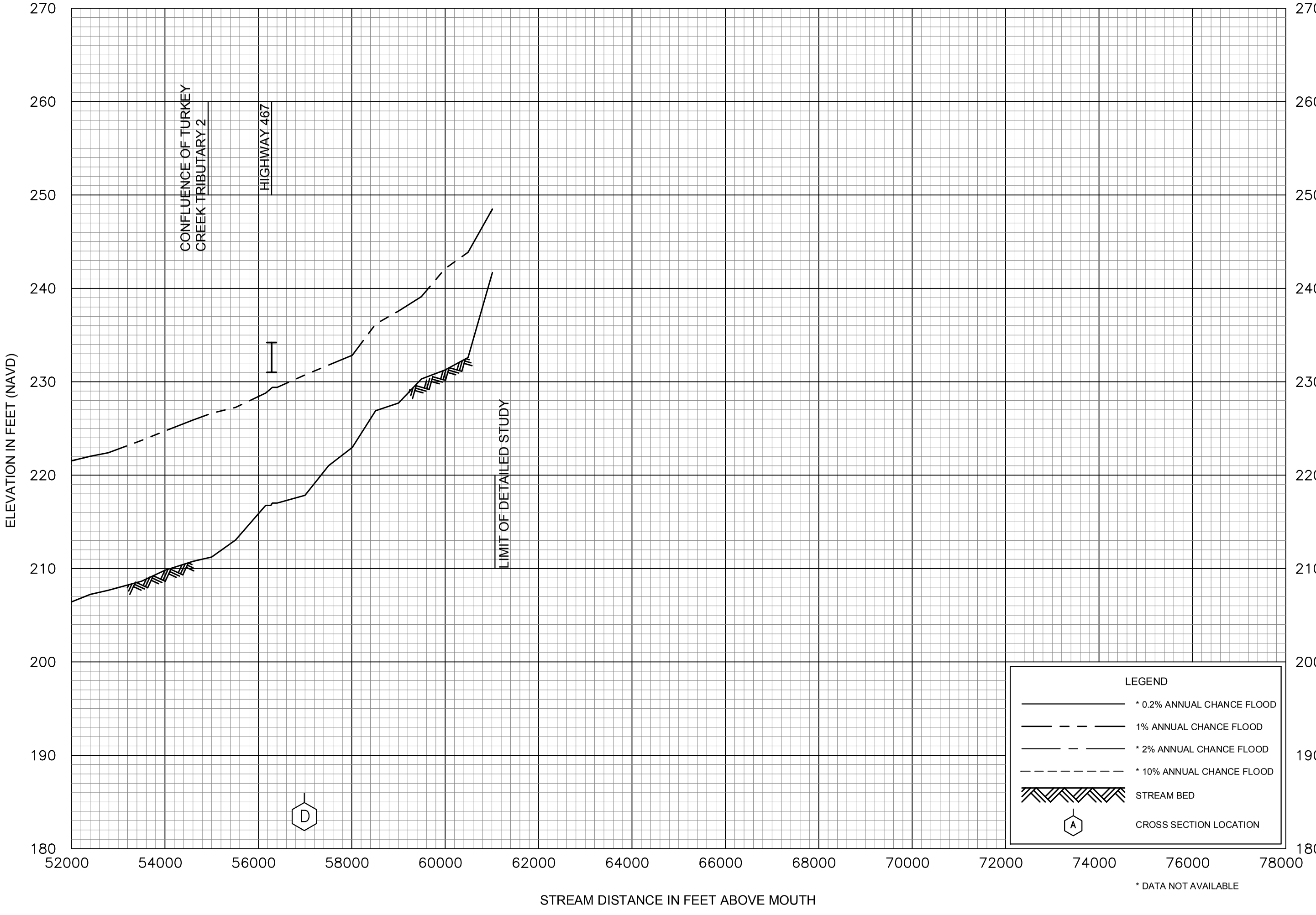
TURKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

298P



FLOOD PROFILES

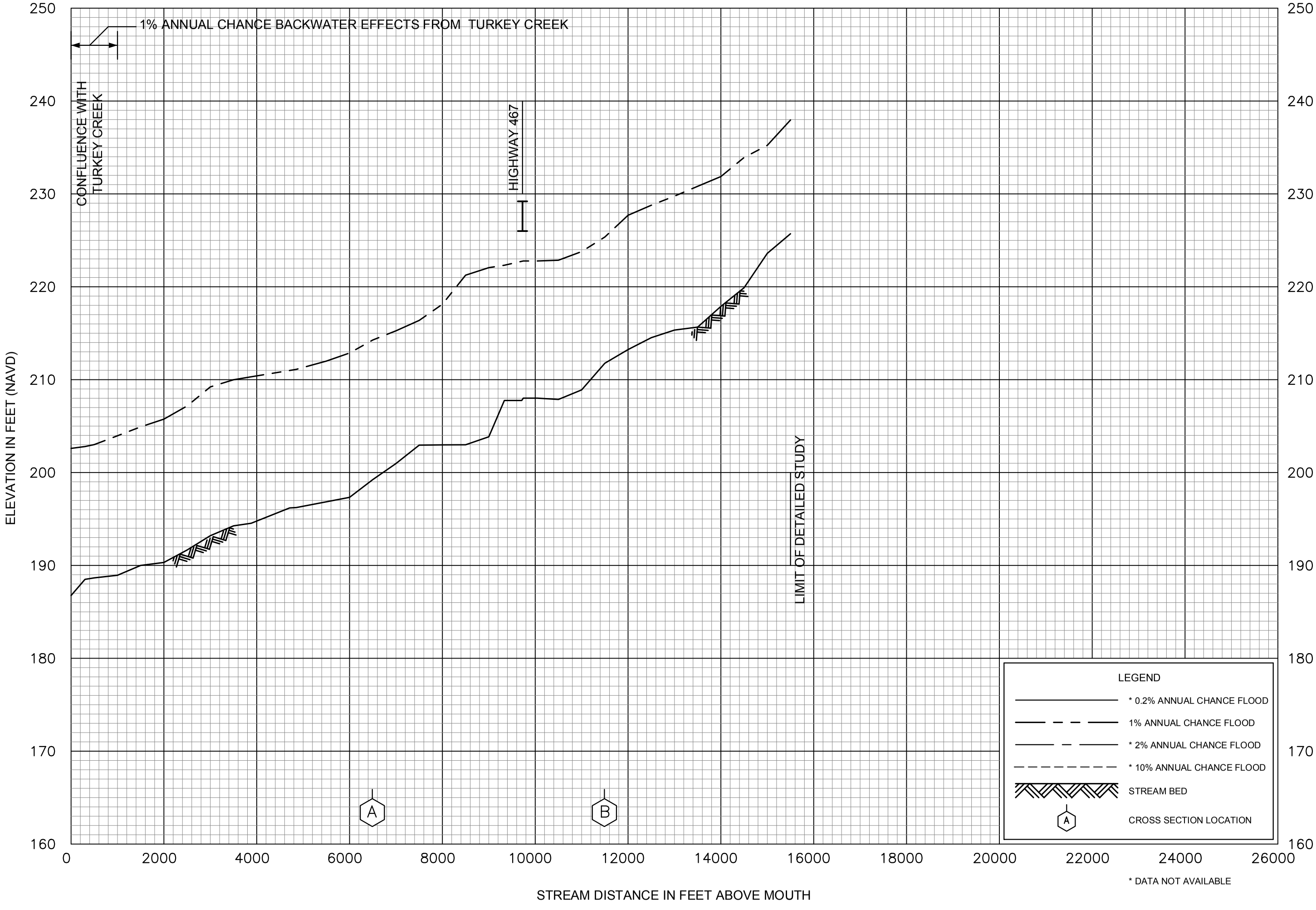
TURKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

299P



FLOOD PROFILES

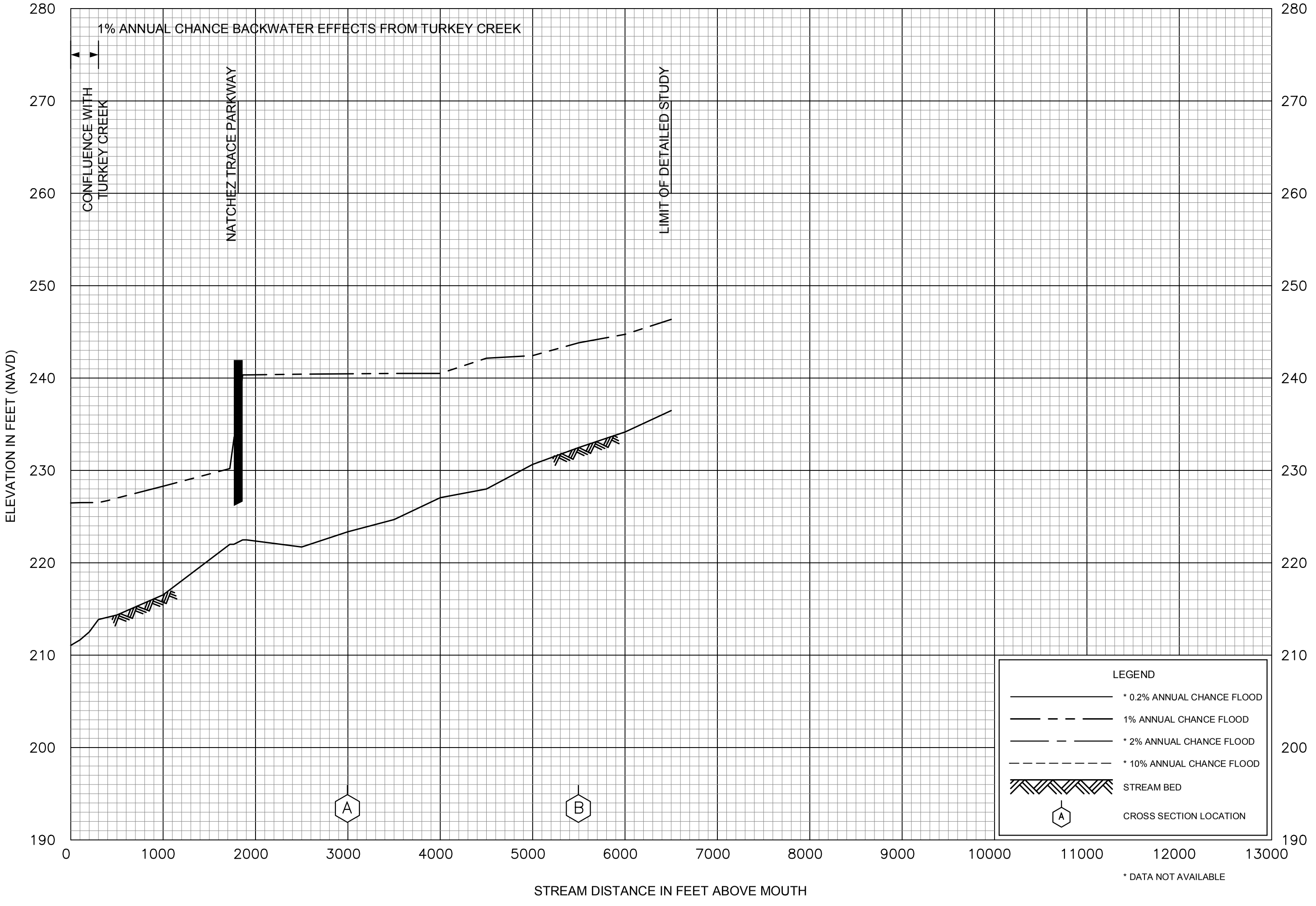
TURKEY CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

300P



FLOOD PROFILES

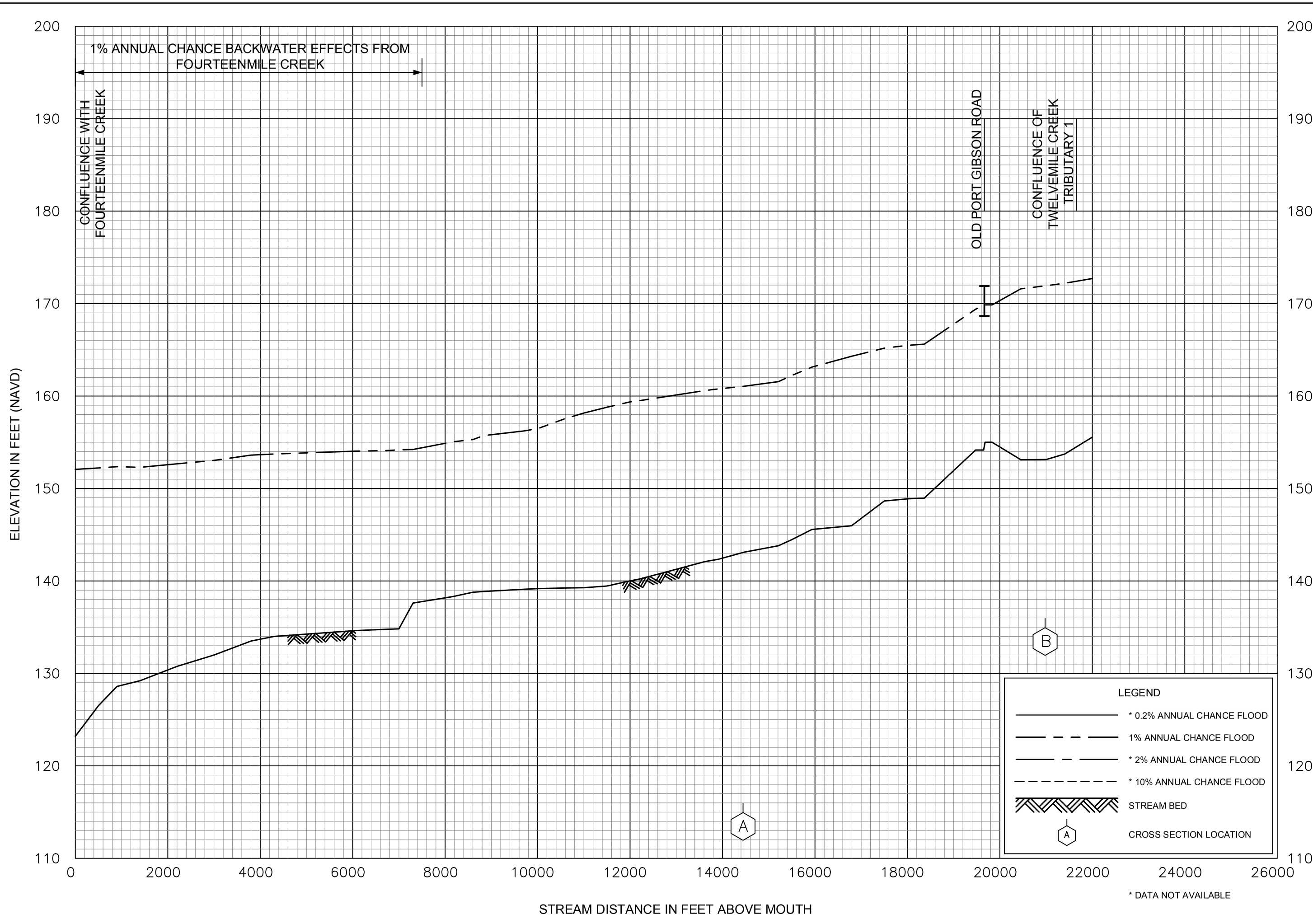
TURKEY CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

301P



FLOOD PROFILES

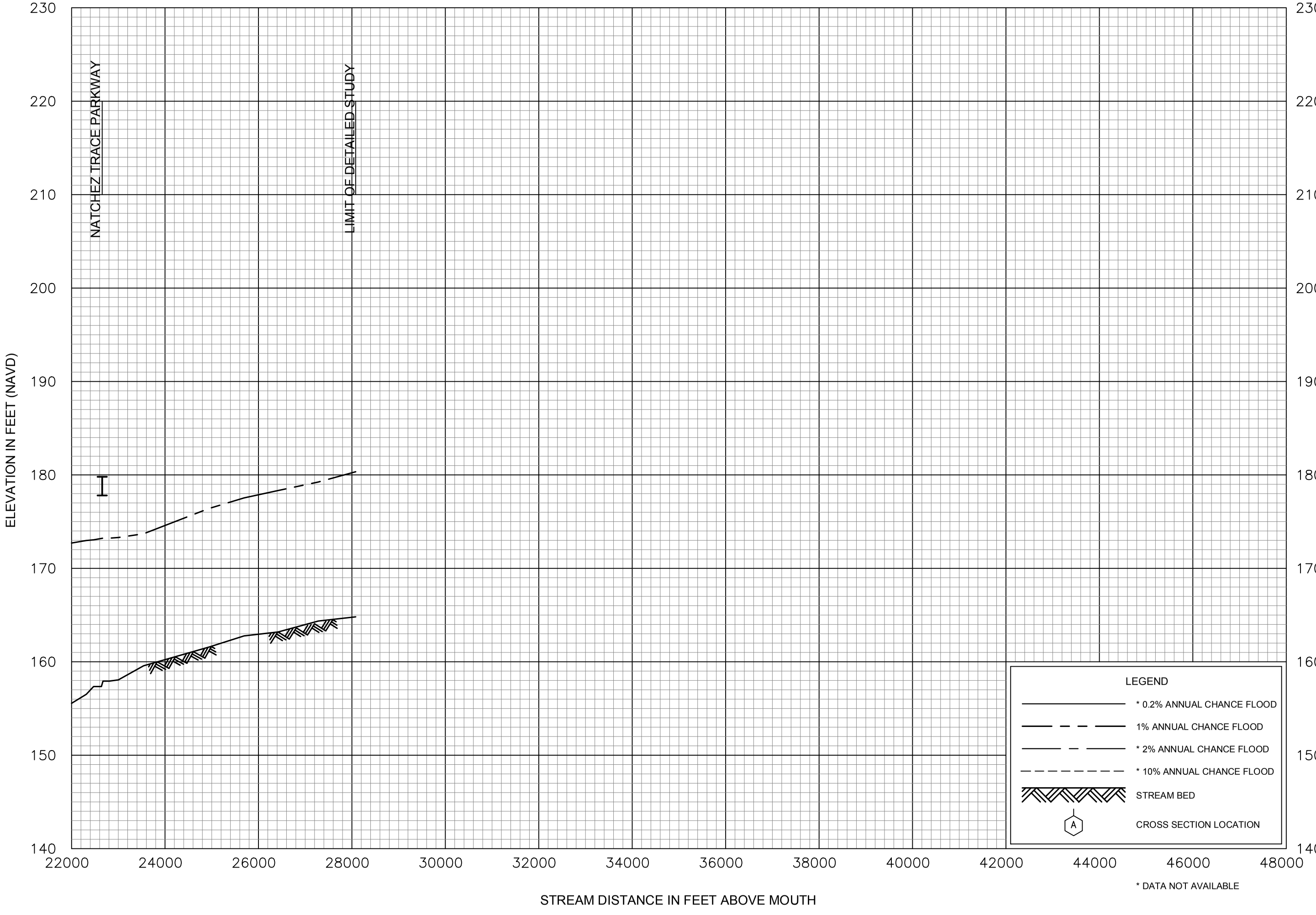
TWELVEMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

302P



FLOOD PROFILES

TWELVEMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

303P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

CONFLUENCE WITH PEARL RIVER

EASTOVER DRIVE

LAKE CIRCLE

AZTEC DRIVE

NAVAJO DRIVE

MEADOWBROOK DRIVE

PARKSIDE DRIVE

RIDGEWOOD DRIVE

KIMWOOD DRIVE

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD)

330
320
310
300
290
280
270
260
250
240

0
1,000
2,000
3,000
4,000
5,000
6,000
7,000
8,000
9,000
10,000
11,000
12,000
13,000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D E F G H I J K L M

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

TWIN LAKES CREEK G

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

304P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

CONFLUENCE WITH PEARL RIVER

LAKE CIRCLE DRIVE

EASTOVER DRIVE

HONEY SUCKLE LANE

MEADOWBROOK ROAD

LIMIT OF DETAILED STUDY

DAM

ELEVATION IN FEET (NAVD)

STREAM DISTANCE IN FEET ABOVE MOUTH

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

TWIN LAKES CREEK H

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY
AND INCORPORATED AREAS

305P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM THE PEARL RIVER

CONFLUENCE WITH THE PEARL RIVER

ELEVATION IN FEET (NAVD 88)

290
280
270
260
250
240
230
220
210
200

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000

STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

* DATA NOT AVAILABLE

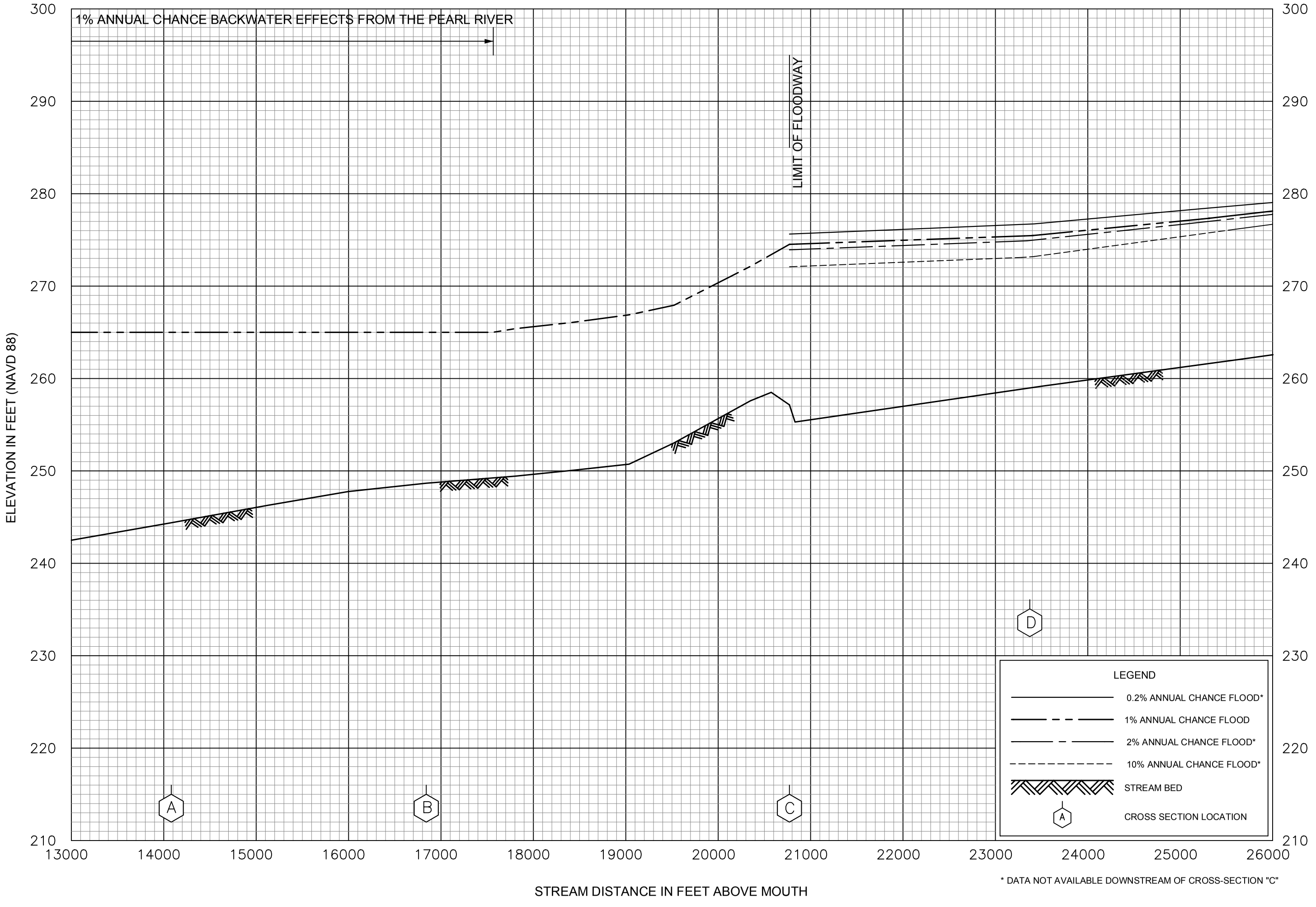
FLOOD PROFILES

VAUGHN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

306P



* DATA NOT AVAILABLE DOWNSTREAM OF CROSS-SECTION "C"

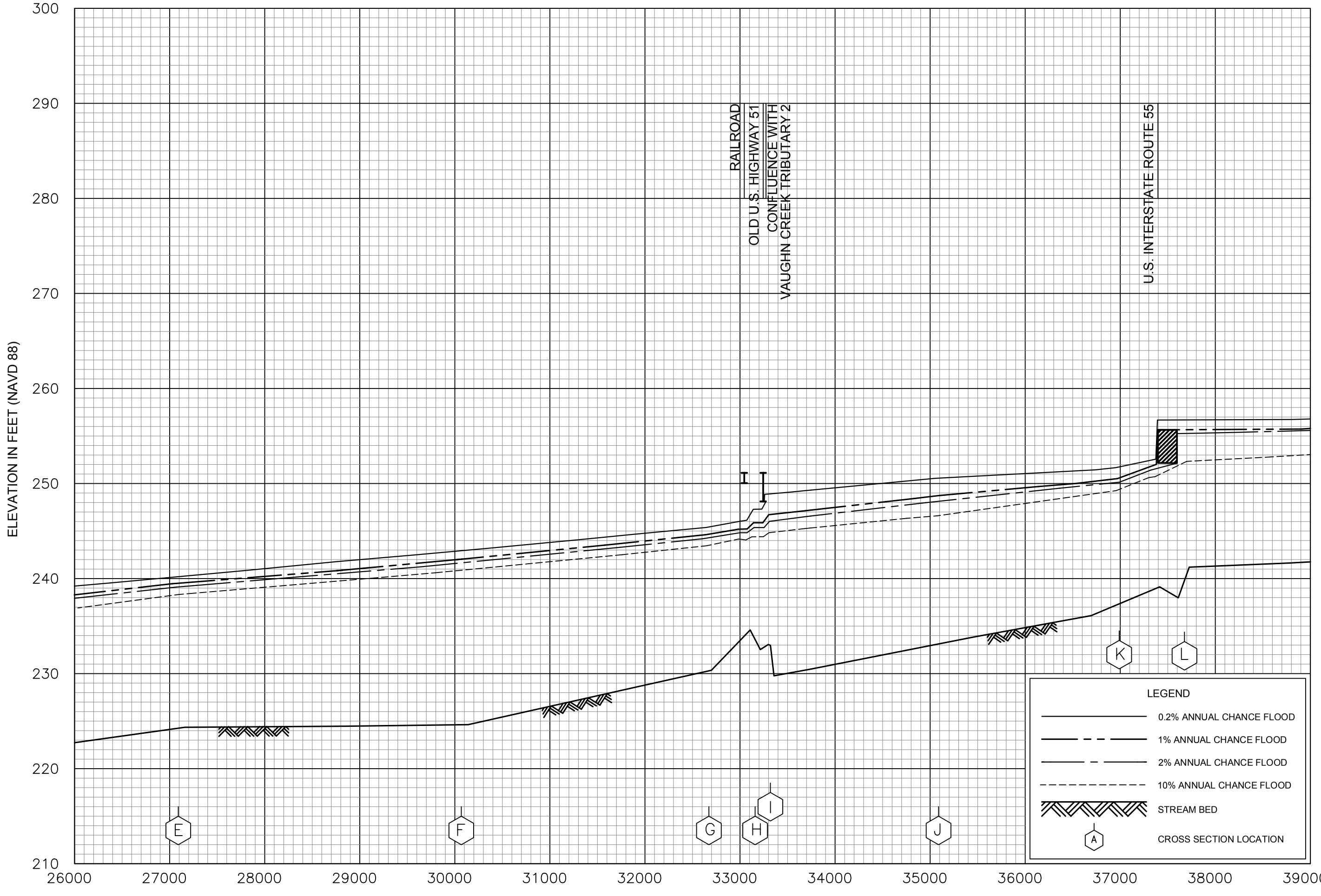
FLOOD PROFILES

VAUGHN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

307P



FLOOD PROFILES

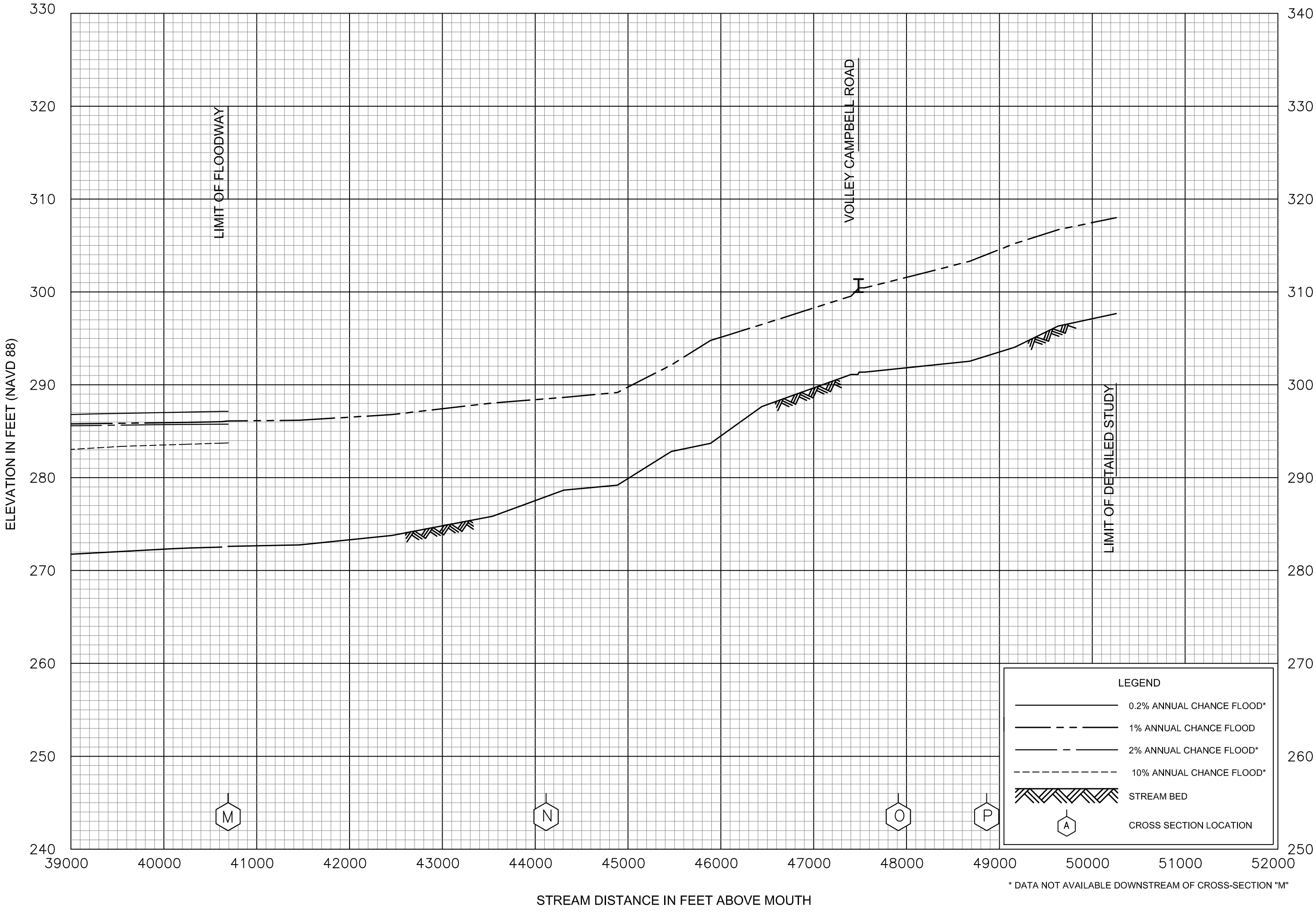
VAUGHN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

308P



* DATA NOT AVAILABLE DOWNSTREAM OF CROSS-SECTION "M"

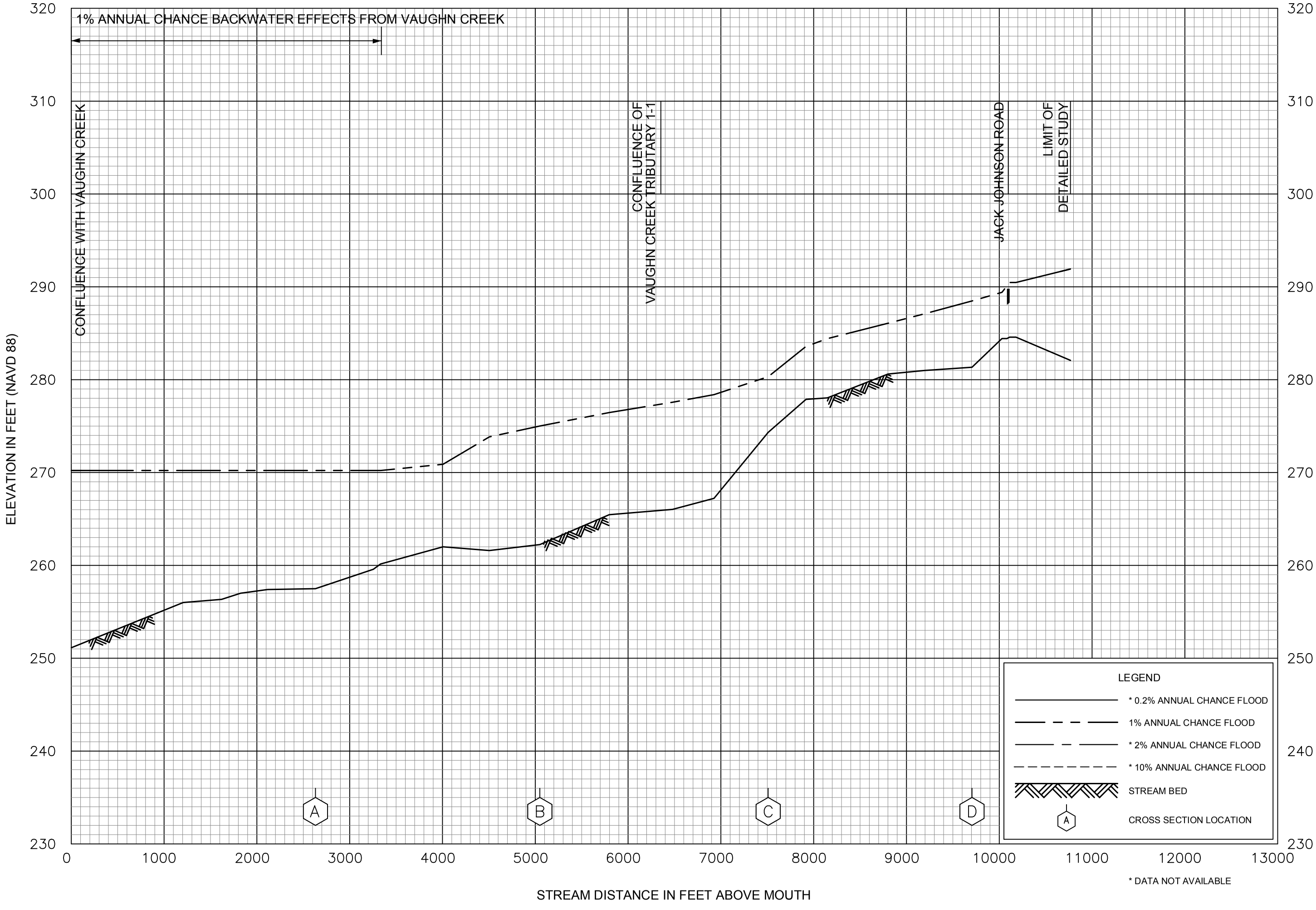
FLOOD PROFILES

VAUGHN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

309P



FLOOD PROFILES

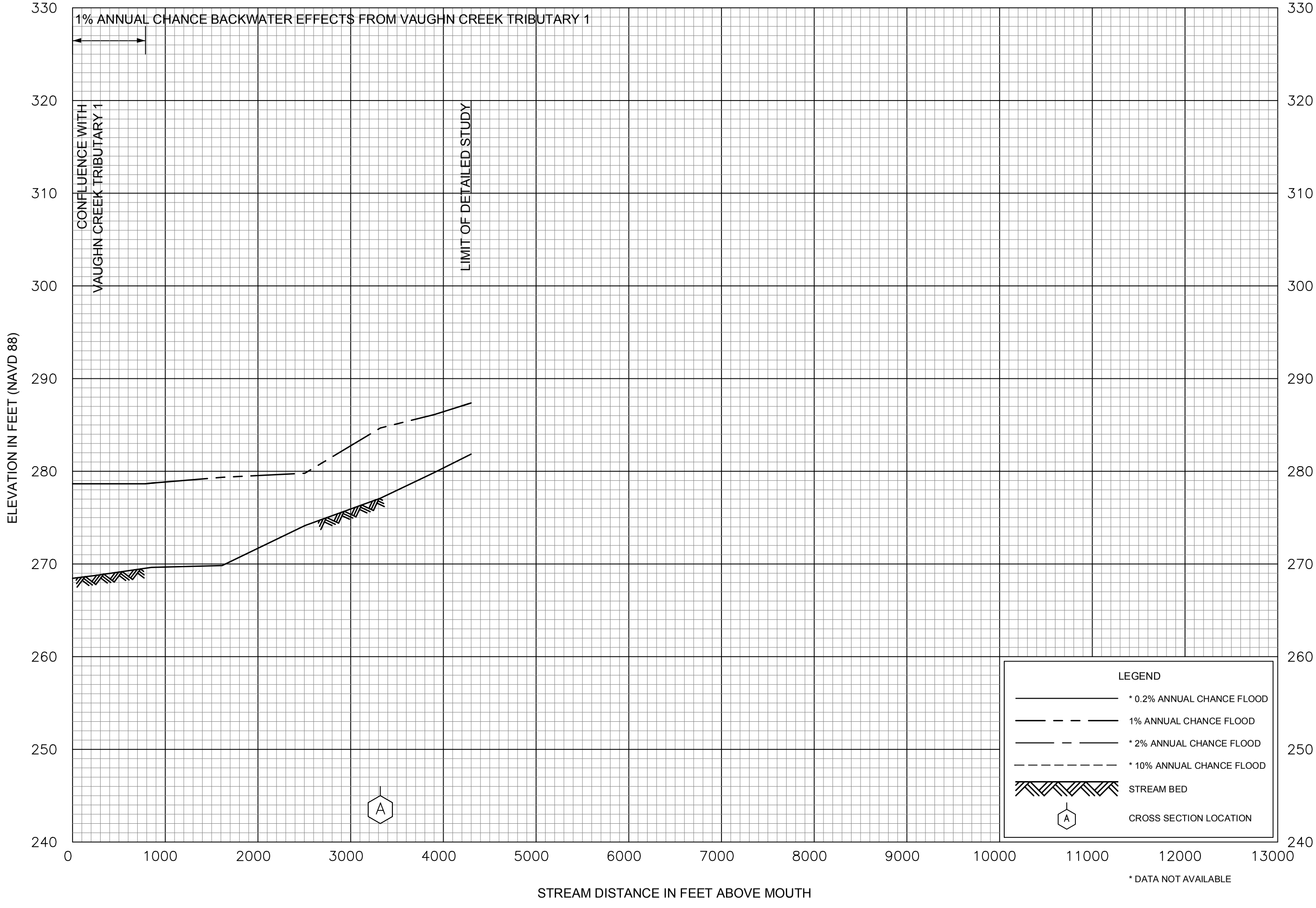
VAUGHN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

310P



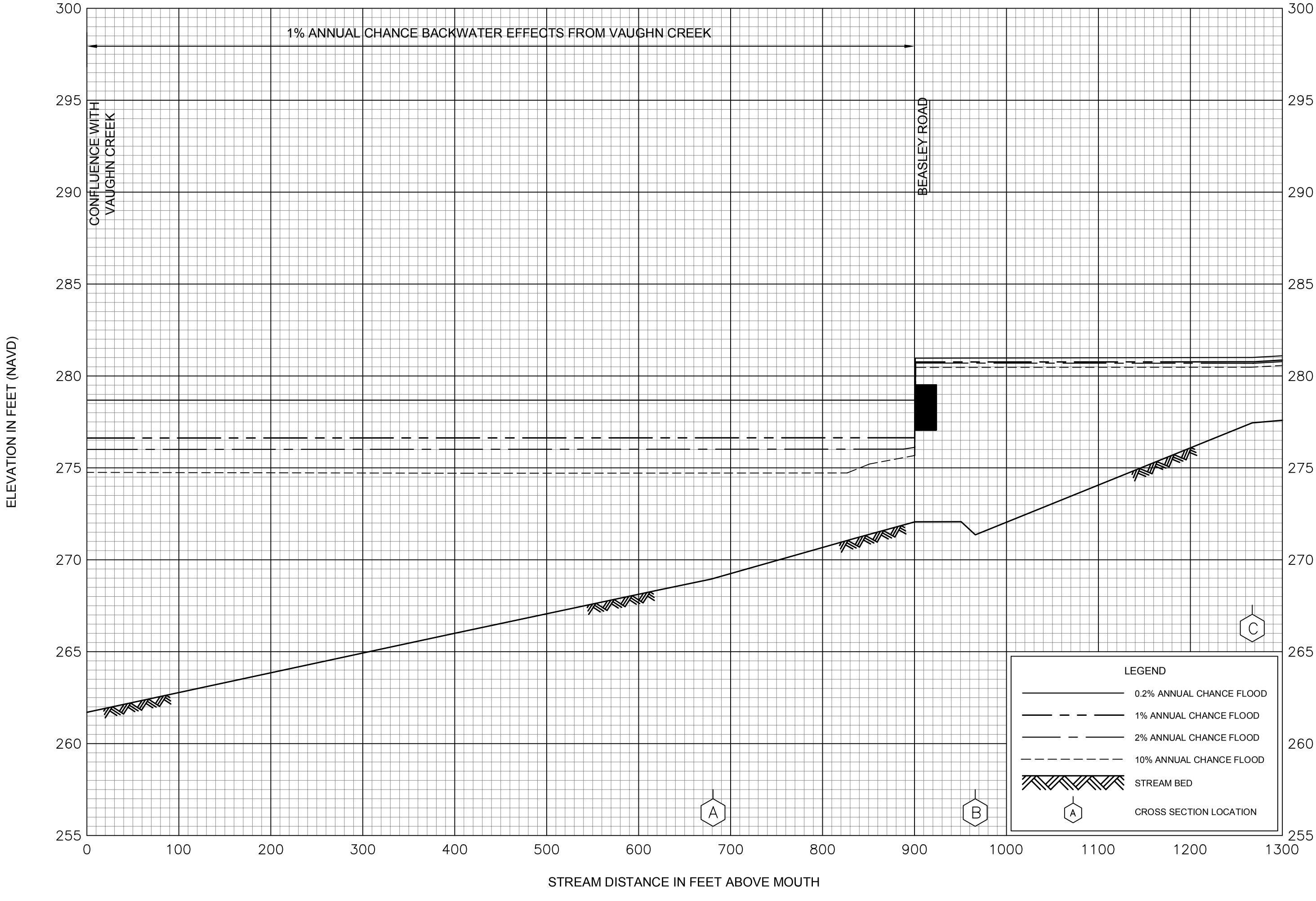
FLOOD PROFILES

VAUGHN CREEK TRIBUTARY 1-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

311P



FLOOD PROFILES

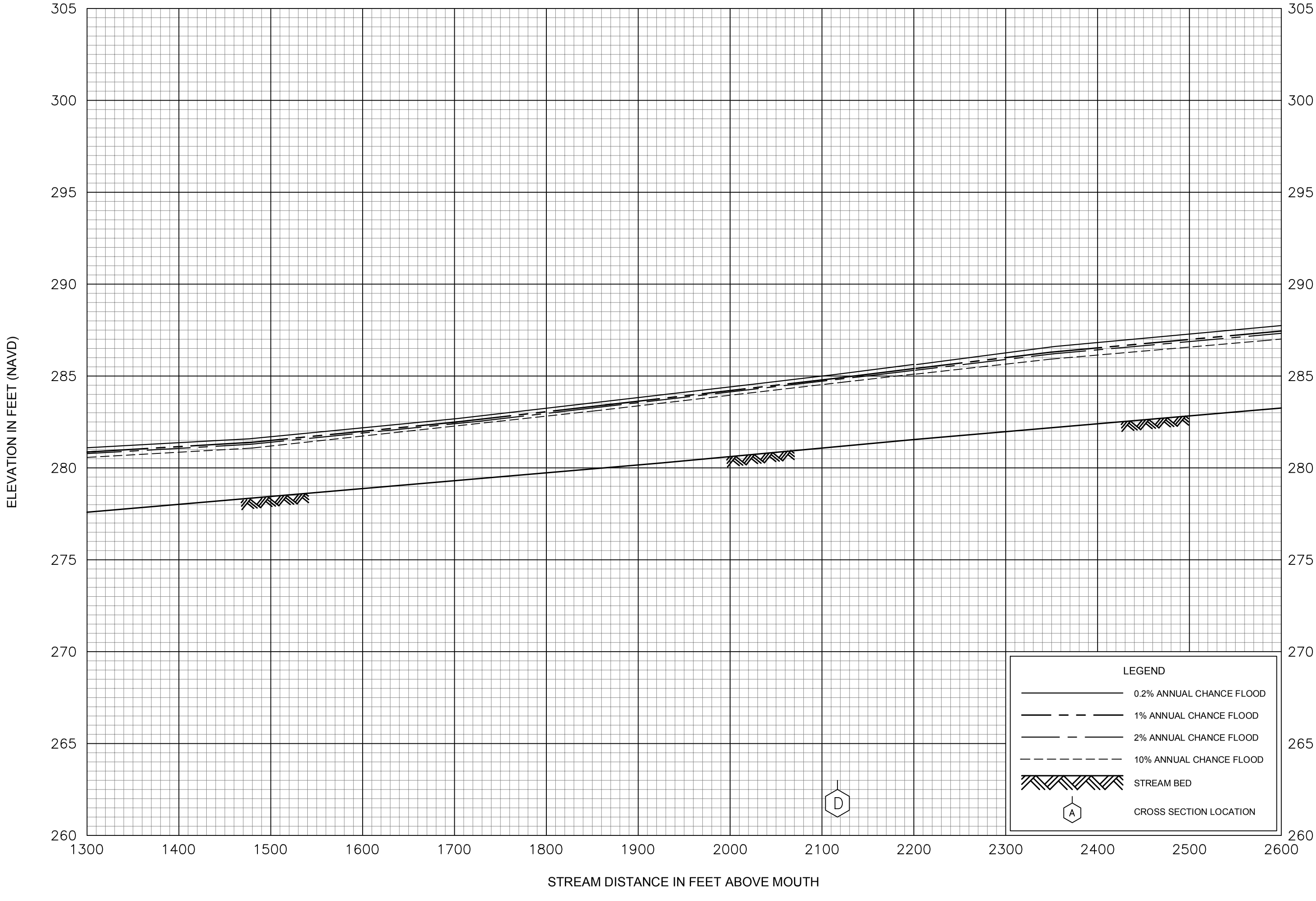
VAUGHN CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

312P



FLOOD PROFILES

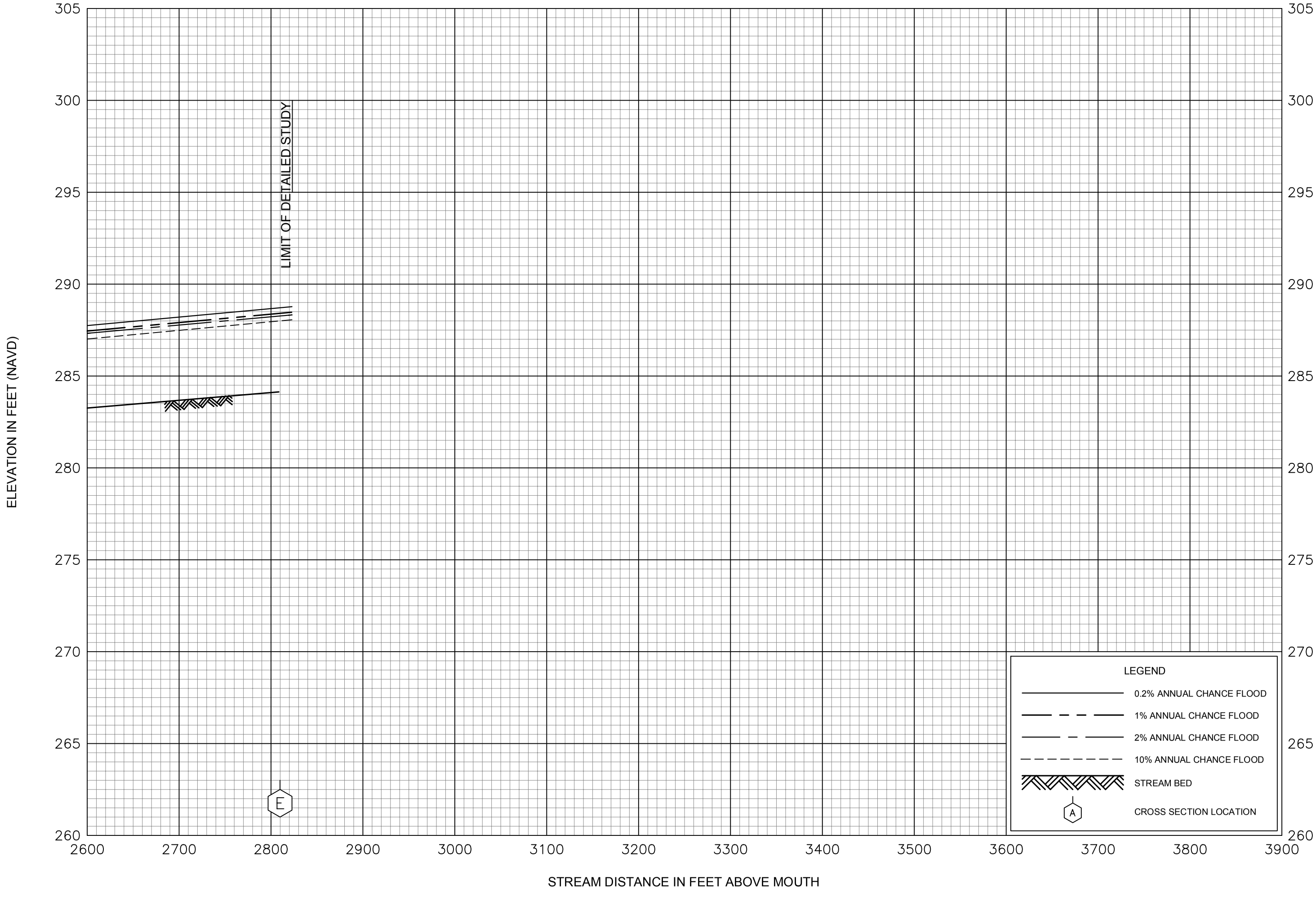
VAUGHN CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

313P



FLOOD PROFILES

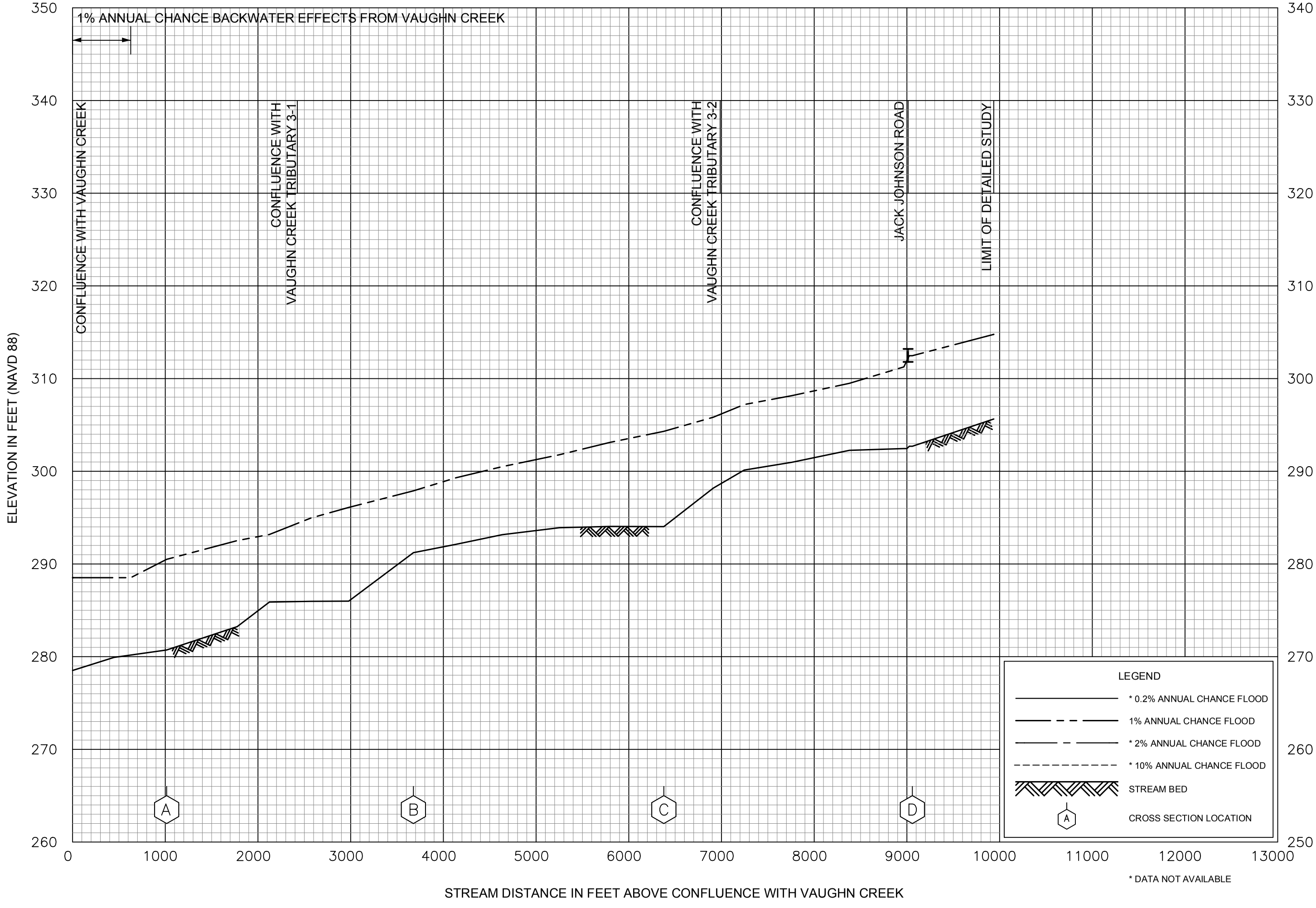
VAUGHN CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

314P



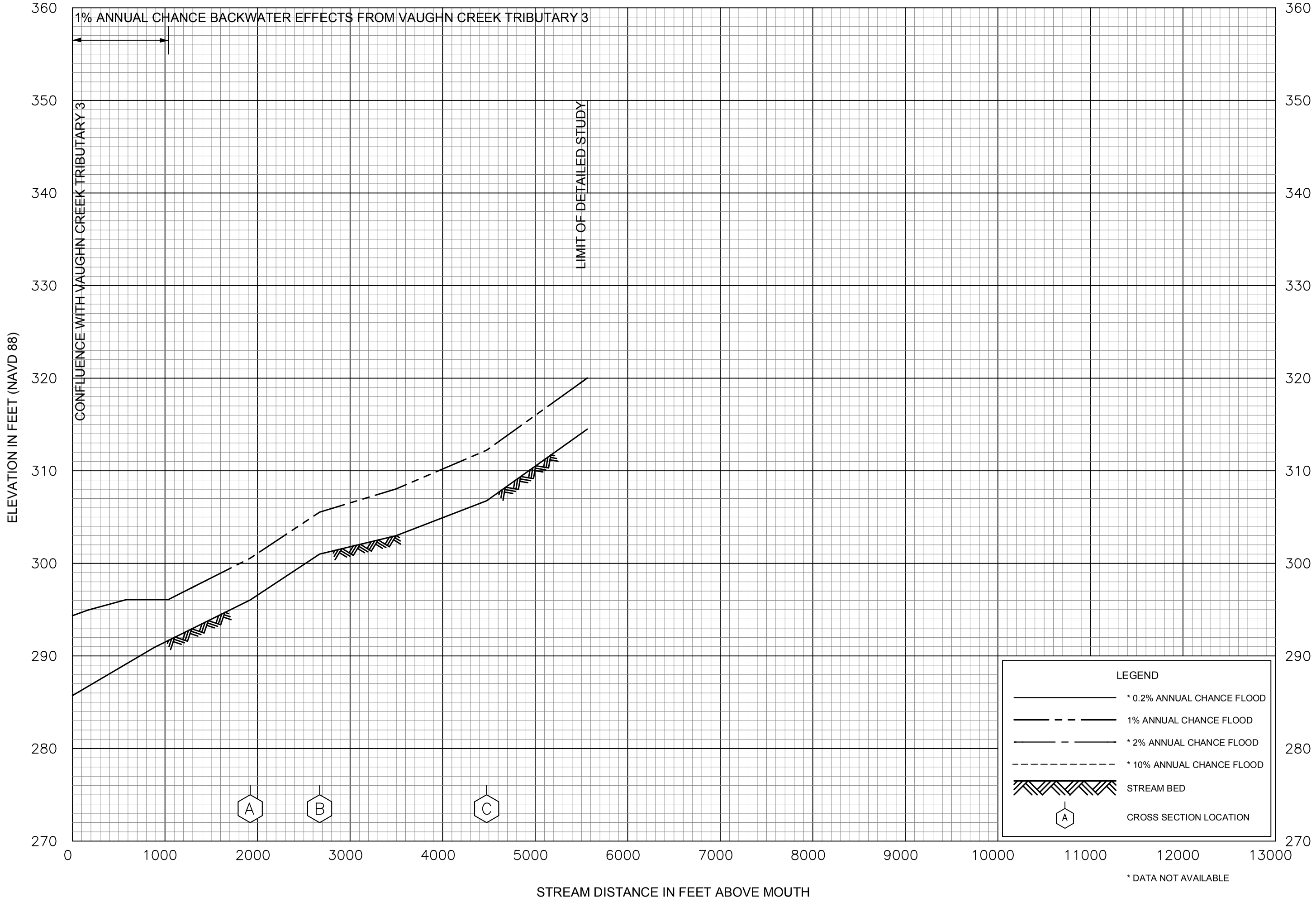
FLOOD PROFILES

VAUGHN CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

315P



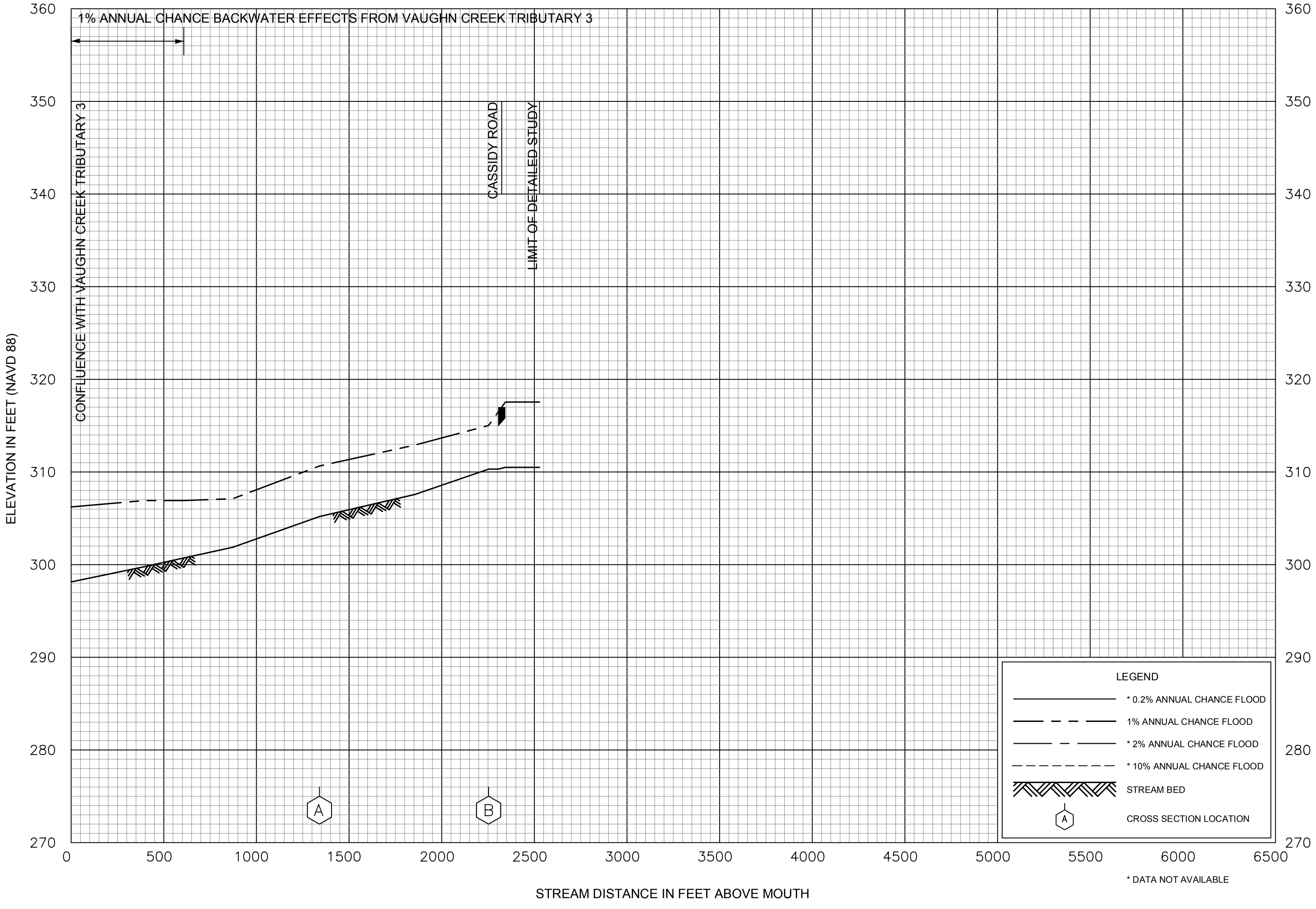
FLOOD PROFILES

VAUGHN CREEK TRIBUTARY 3-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

316P



FLOOD PROFILES

VAUGHN CREEK TRIBUTARY 3-2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS
AND INCORPORATED AREAS

317P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PEARL RIVER

CONFUENCE WITH HANGING MOSS CREEK

WESTBROOK RD

OLD CANTON RD

RIDGEWOOD RD

ADKINS BLVD

ELEVATION IN FEET (NAVD)

330
320
310
300
290
280
270
260
250
240

0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
13000

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C

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

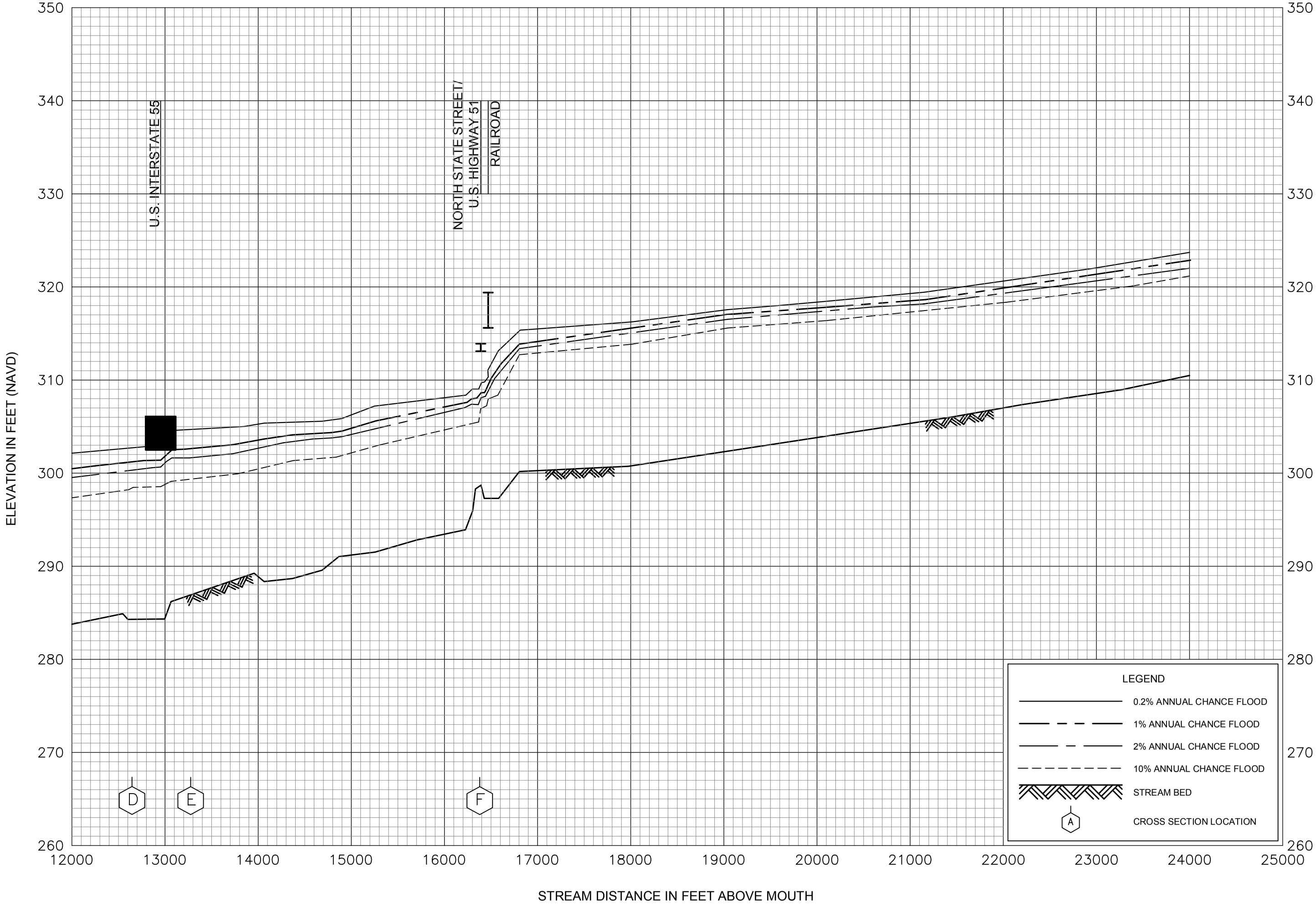
WHITE OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

318P



FLOOD PROFILES

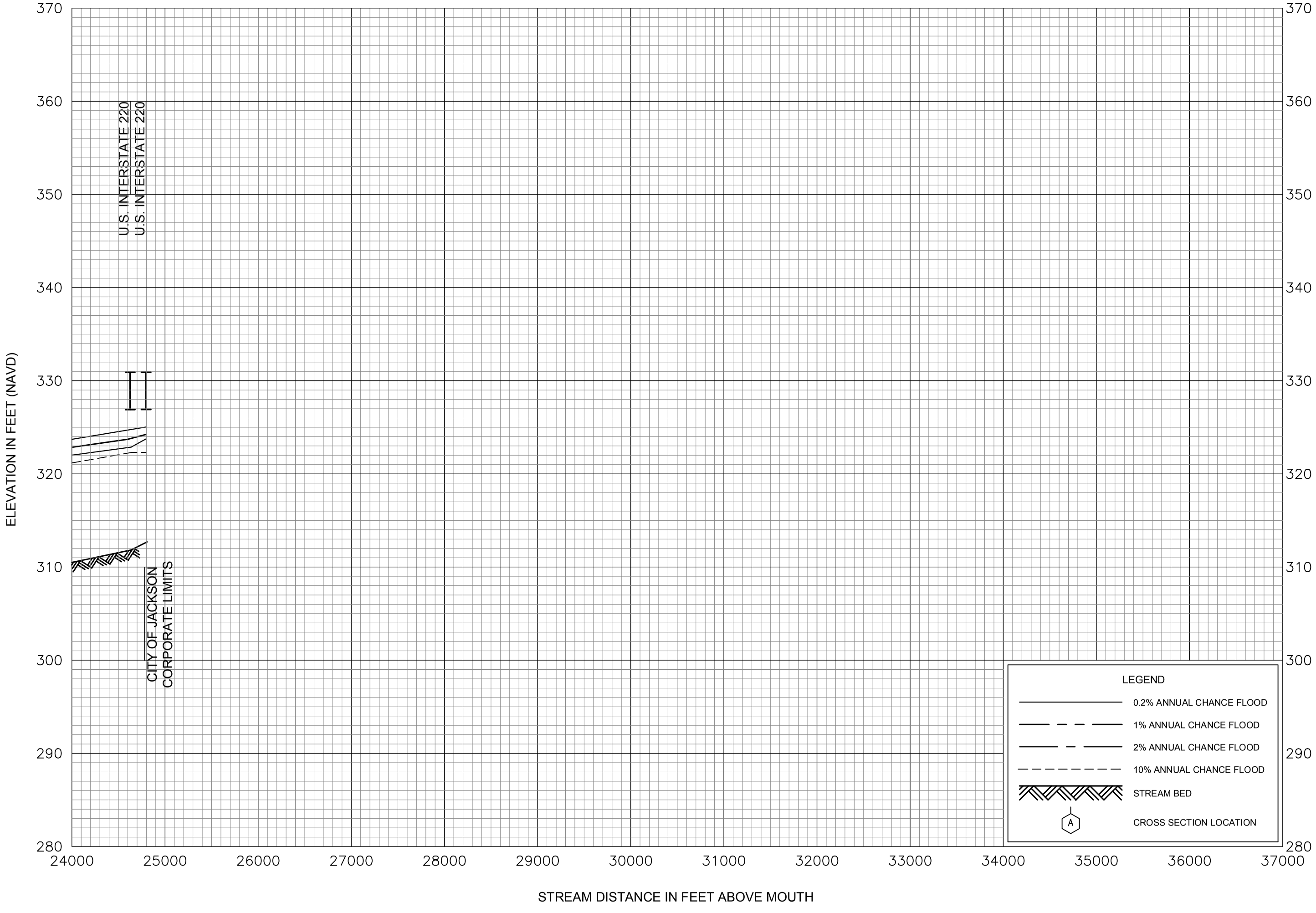
WHITE OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

319P



FLOOD PROFILES

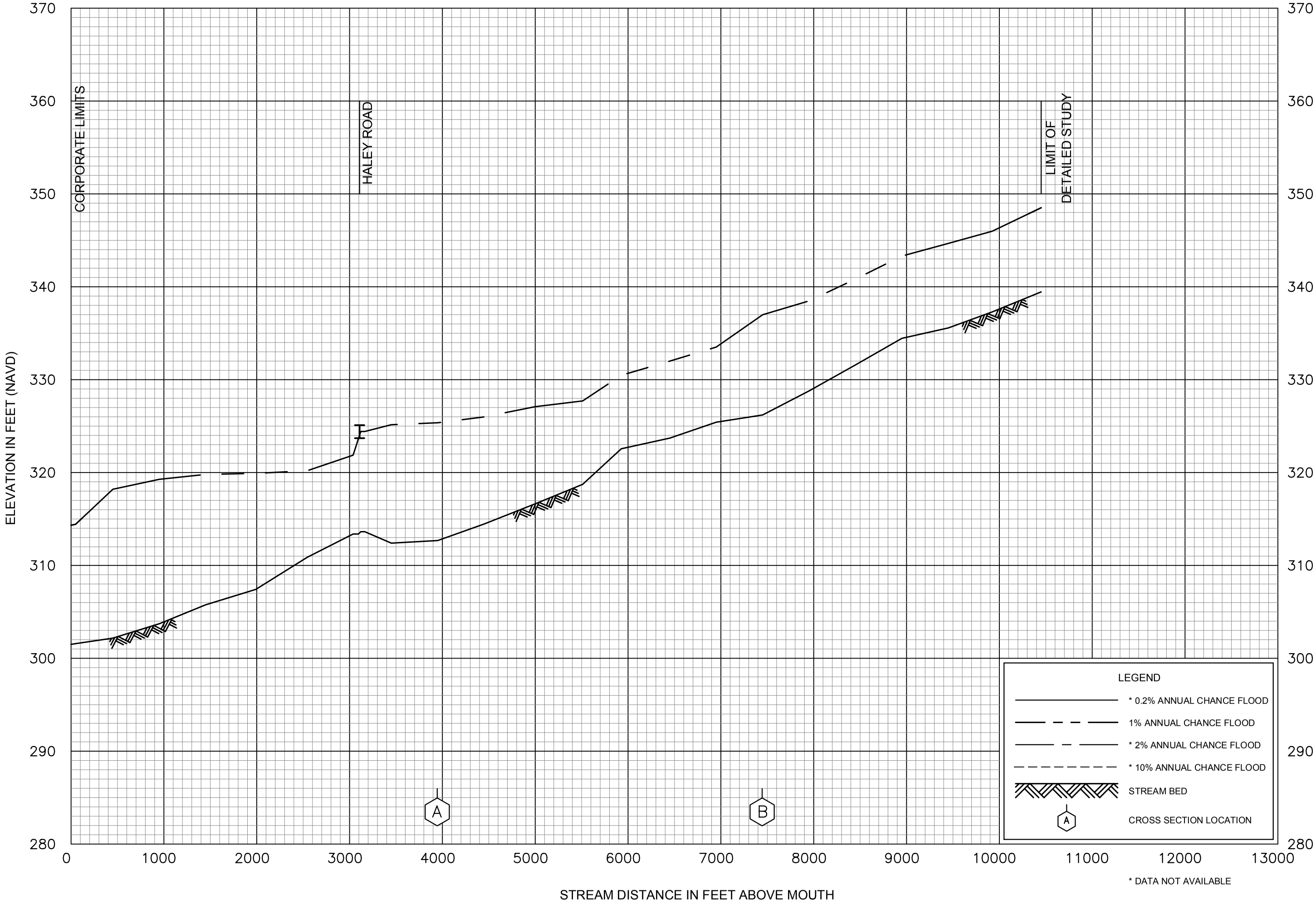
WHITE OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

320P



FLOOD PROFILES

WHITE OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HINDS COUNTY, MS

AND INCORPORATED AREAS

321P