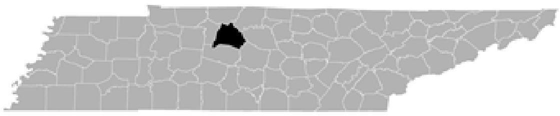
FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 1 OF 11



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV001D
Version Number 2.6.3.0

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Published Separately

Flood Insurance Rate Map (FIRM)

FLOOD INSURANCE STUDY REPORT
DAVIDSON COUNTY, TENNESSEE

SECTION 1.0 – INTRODUCTION

1.1 The National Flood Insurance Program

The National Flood Insurance Program (NFIP) is a voluntary Federal program that enables property owners in participating communities to purchase insurance protection against losses from flooding. This insurance is designed to provide an alternative to disaster assistance to meet the escalating costs of repairing damage to buildings and their contents caused by floods.

For decades, the national response to flood disasters was generally limited to constructing flood-control works such as dams, levees, sea-walls, and the like, and providing disaster relief to flood victims. This approach did not reduce losses nor did it discourage unwise development. In some instances, it may have actually encouraged additional development. To compound the problem, the public generally could not buy flood coverage from insurance companies, and building techniques to reduce flood damage were often overlooked.

In the face of mounting flood losses and escalating costs of disaster relief to the general taxpayers, the U.S. Congress created the NFIP. The intent was to reduce future flood damage through community floodplain management ordinances, and provide protection for property owners against potential losses through an insurance mechanism that requires a premium to be paid for the protection.

The U.S. Congress established the NFIP on August 1, 1968, with the passage of the National Flood Insurance Act of 1968. The NFIP was broadened and modified with the passage of the Flood Disaster Protection Act of 1973 and other legislative measures. It was further modified by the National Flood Insurance Reform Act of 1994 and the Flood Insurance Reform Act of 2004. The NFIP is administered by the Federal Emergency Management Agency (FEMA), which is a component of the Department of Homeland Security (DHS).

Participation in the NFIP is based on an agreement between local communities and the Federal Government. If a community adopts and enforces floodplain management regulations to reduce future flood risks to new construction and substantially improved structures in Special Flood Hazard Areas (SFHAs), the Federal Government will make flood insurance available within the community as a financial protection against flood losses. The community's floodplain management regulations must meet or exceed criteria established in accordance with Title 44 Code of Federal Regulations (CFR) Part 60, *Criteria for Land Management and Use*.

SFHAs are delineated on the community's Flood Insurance Rate Maps (FIRMs). Under the NFIP, buildings that were built before the flood hazard was identified on the community's FIRMs are generally referred to as "Pre-FIRM" buildings. When the NFIP was created, the U.S. Congress recognized that insurance for Pre-FIRM buildings would be prohibitively expensive if the premiums were not subsidized by the Federal Government. Congress also recognized that most of these floodprone buildings were built by individuals who did not have sufficient knowledge of the flood hazard to make informed decisions. The NFIP requires that full actuarial rates reflecting the complete flood risk be charged on all buildings constructed or substantially improved on or after the effective date of the initial FIRM for the community or after December 31, 1974, whichever is later. These buildings are generally referred to as “Post-FIRM” buildings.

1.2 Purpose of this Flood Insurance Study Report

This Flood Insurance Study (FIS) Report revises and updates information on the existence and severity of flood hazards for the study area. The studies described in this report developed flood hazard data that will be used to establish actuarial flood insurance rates and to assist communities in efforts to implement sound floodplain management.

In some states or communities, floodplain management criteria or regulations may exist that are more restrictive than the minimum Federal requirements. Contact your State NFIP Coordinator to ensure that any higher State standards are included in the community’s regulations.

1.3 Jurisdictions Included in the Flood Insurance Study Project

This FIS Report covers the entire geographic area of Davidson County, Tennessee.

The jurisdictions that are included in this project area, along with the Community Identification Number (CID) for each community and the United States Geological Survey (USGS) 8-digit Hydrologic Unit Code (HUC-8) sub-basins affecting each, are shown in Table 1. The FIRM panel numbers that affect each community are listed. If the flood hazard data for the community is not included in this FIS Report, the location of that data is identified.

Jurisdictions that have no identified SFHAs as of the effective date of this study are indicated in the table. Changed conditions in these communities (such as urbanization or annexation) or the availability of new scientific or technical data about flood hazards could make it necessary to determine SFHAs in these jurisdictions in the future.

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Belle Meade, City of	470408	05130202	47037C0351H 47037C0352H 47037C0353H	
Berry Hill, City of	470406	05130202	47037C0244J 47037C0357J	
Forest Hills, City of	470407	05130202 05130204	47037C0342J 47037C0353H 47037C0354H 47037C0358H 47037C0361J 47037C0362H	

Table 1: Listing of NFIP Jurisdictions (continued)

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Goodlettsville, City of	470287	05130202	47037C0126J 47037C0128J 47037C0129J 47037C0133J 47037C0136J 47037C0137K	
Metropolitan Government of Nashville and Davidson County	470040	05130201 05130202 05130203 05130204 05130206	47037C0018J 47037C0019J 47037C0044J 47037C0045J 47037C0050J[2] 47037C0063J 47037C0081J 47037C0082J 47037C0083J 47037C0084J 47037C0087J 47037C0088J 47037C0089J 47037C0091J 47037C0092J 47037C0093J 47037C0094J 47037C0101J 47037C0102J 47037C0103J 47037C0104J 47037C0106J 47037C0107J 47037C0108J 47037C0109J 47037C0111H 47037C0112H 47037C0113H 47037C0114H 47037C0116H 47037C0117H 47037C0118H 47037C0119H 47037C0126J 47037C0128J 47037C0129J 47037C0133J 47037C0136J 47037C0137K 47037C0138J 47037C0139H 47037C0141K	

Table 1: Listing of NFIP Jurisdictions (continued)

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Metropolitan Government of Nashville and Davidson County (continued)	470040	05130201 05130202 05130203 05130204 05130206	47037C0142H 47037C0143H 47037C0144H 47037C0163H 47037C0194H[2] 47037C0201J 47037C0202J 47037C0203J 47037C0204J 47037C0206J 47037C0207J 47037C0208J 47037C0209H 47037C0211J 47037C0212H 47037C0213J 47037C0214H 47037C0216H 47037C0217H 47037C0218H 47037C0219H 47037C0226H 47037C0227H 47037C0228H 47037C0229H 47037C0231H 47037C0232H 47037C0233H 47037C0234H 47037C0236H 47037C0237H 47037C0238J 47037C0239J 47037C0241H 47037C0242H 47037C0243H[2] 47037C0244J 47037C0251H 47037C0252H 47037C0253H 47037C0254H 47037C0256H 47037C0257H 47037C0258H 47037C0259H 47037C0261J 47037C0262H 47037C0263J 47037C0264H	

Table 1: Listing of NFIP Jurisdictions (continued)

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Metropolitan Government of Nashville and Davidson County (continued)	470040	05130201 05130202 05130203 05130204 05130206	47037C0266H 47037C0267H 47037C0268H 47037C0269J 47037C0276H 47037C0277H 47037C0278J 47037C0279H 47037C0286J 47037C0287J 47037C0290J 47037C0300J 47037C0306H 47037C0307H 47037C0308H 47037C0309H 47037C0316H 47037C0317H 47037C0318H 47037C0319H 47037C0326H 47037C0327J 47037C0328H 47037C0329H 47037C0331J 47037C0332H 47037C0333J 47037C0334H 47037C0336J 47037C0337J 47037C0338H[2] 47037C0339H[2] 47037C0341J 47037C0342J 47037C0351H 47037C0352H 47037C0353H 47037C0354H 47037C0356H 47037C0357J 47037C0358H 47037C0359J 47037C0361J 47037C0362H 47037C0366H 47037C0367J 47037C0369H 47037C0376J 47037C0377H	

Table 1: Listing of NFIP Jurisdictions (continued)

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Metropolitan Government of Nashville and Davidson County (continued)	470040	05130201 05130202 05130203 05130204 05130206	47037C0378J 47037C0379H 47037C0381H 47037C0382J 47037C0383H 47037C0384J 47037C0386J 47037C0387H 47037C0388H 47037C0389J 47037C0391H 47037C0392H 47037C0393H 47037C0394H 47037C0403J 47037C0405J 47037C0411J 47037C0412J 47037C0413J 47037C0414J 47037C0425J 47037C0431H 47037C0432H 47037C0452J 47037C0456H 47037C0457H 47037C0476H[2] 47037C0478H[2]	
Oak Hill, City of	470351	05130202 05130204	47037C0354H 47037C0356H 47037C0357J 47037C0358H 47037C0359J 47037C0366H 47037C0367J	
Ridgetop, City of[1]	470162	05130202 05130206	47037C0044J 47037C0045J	

[1] No Special Flood Hazard Areas Identified

[2] Panel Not Printed

1.4 Considerations for using this Flood Insurance Study Report

The NFIP encourages State and local governments to implement sound floodplain management programs. To assist in this endeavor, each FIS Report provides floodplain data, which may include a combination of the following: 10-, 4-, 2-, 1-, and 0.2-percent annual chance flood elevations (the 1-percent-annual-chance flood elevation is also referred to as the Base Flood Elevation (BFE)); delineations of the 1-percent-annual-chance and 0.2-percent-annual-chance floodplains; and 1-percent-annual-chance floodway. This information is presented on the FIRM and/or in many components of the FIS Report, including Flood Profiles, Floodway Data tables, Summary of Non-Coastal Stillwater Elevations tables, and Coastal Transect Parameters tables (not all components may be provided for a specific FIS).

This section presents important considerations for using the information contained in this FIS Report and the FIRM, including changes in format and content. Figures 1, 2, and 3 present information that applies to using the FIRM with the FIS Report.

- Part or all of this FIS Report may be revised and republished at any time. In addition, part of this FIS Report may be revised by a Letter of Map Revision (LOMR), which does not involve republication or redistribution of the FIS Report. Refer to Section 6.5 of this FIS Report for information about the process to revise the FIS Report and/or FIRM.

  It is, therefore, the responsibility of the user to consult with community officials by contacting the community repository to obtain the most current FIS Report components. Communities participating in the NFIP have established repositories of flood hazard data for floodplain management and flood insurance purposes. Community map repository addresses are provided in Table 30, "Map Repositories," within this FIS Report.

- New FIS Reports are frequently developed for multiple communities, such as entire counties. A countywide FIS Report incorporates previous FIS Reports for individual communities and the unincorporated area of the county (if not jurisdictional) into a single document and supersedes those documents for the purposes of the NFIP.

  The initial Countywide FIS Report for Davidson County became effective on April 20, 2001. Refer to Table 27 for information about subsequent revisions to the FIRMs.

  The CRS is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. Visit the FEMA Web site at www.fema.gov/flood-insurance/rules-legislation/community-rating-system or contact your appropriate FEMA Regional Office for more information about this program.

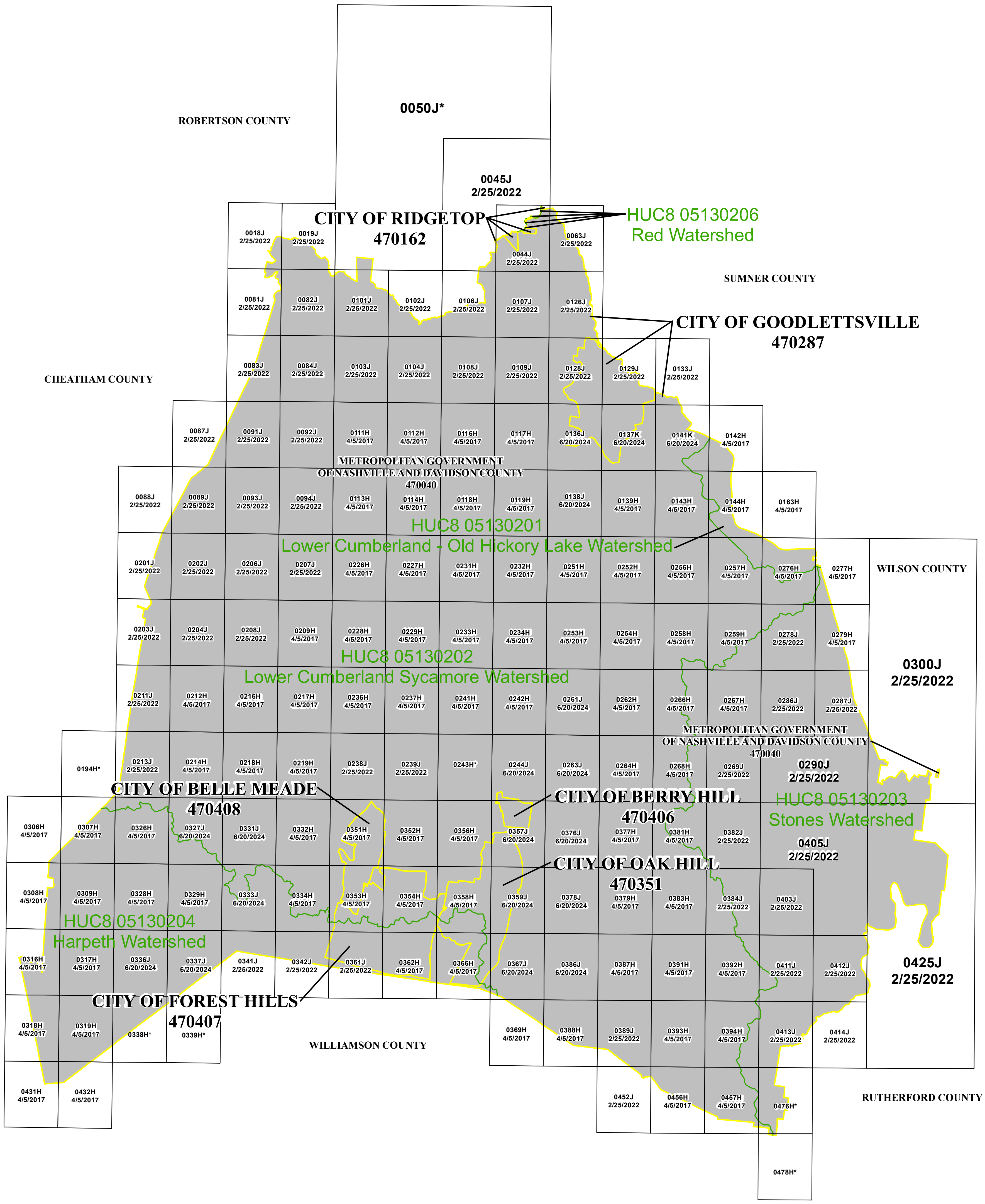
- FEMA does not design, build, inspect, operate, maintain, or certify levees. FEMA is responsible for accurately identifying flood hazards and communicating those hazards and risks to affected stakeholders. FEMA has identified one or more levee systems in this jurisdiction summarized in Table 8 of this FIS Report. For FEMA to accredit the identified levee systems, the levee systems must meet the criteria of the Code of Federal Regulations, Title 44, Section 65.10 (44 CFR 65.10), titled "Mapping of Areas Protected by Levee Systems."

Information on the levee systems in this jurisdiction can be obtained from the USACE National Levee Database (https://levees.sec.usace.army.mil/). For additional information, the user should contact the appropriate jurisdiction floodplain administrator and the levee owner or sponsor.

- FEMA has developed a *Guide to Flood Maps* (FEMA 258) and online tutorials to assist users in accessing the information contained on the FIRM. These include how to read panels and step-by-step instructions to obtain specific information. To obtain this guide and other assistance in using the FIRM, visit the FEMA Web site at www.fema.gov/flood-maps/tutorials.

The FIRM Index in Figure 1 shows the overall FIRM panel layout within Davidson County, and also displays the panel number and effective date for each FIRM panel in the county. Other information shown on the FIRM Index includes community boundaries, watershed boundaries, and USGS HUC-8 codes.

Figure 1: FIRM Index



ATTENTION: The corporate limits shown on this FIRM Index are based on the best information available at the time of publication. As such, they may be more current than those shown on FIRM panels issued before June 20, 2024

1 inch = 18,367 feet 1:220,399

0 5,000 10,000 20,000 30,000 40,000 feet

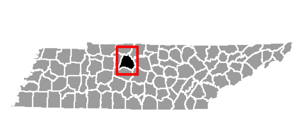
Map Projection:
State Plane Lambert Conformal Conic,
Tennessee Zone 4100; North American Datum 1983

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT
HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - NO SPECIAL FLOOD HAZARD AREAS

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP INDEX

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN and Incorporated Areas

PANELS PRINTED: 0018, 0019, 0044, 0045, 0063, 0081, 0082, 0083, 0084, 0087, 0088, 0089, 0091, 0092, 0093, 0094, 0101, 0102, 0103, 0104, 0106, 0107, 0108, 0109, 0111, 0112, 0113, 0114, 0116, 0117, 0118, 0119, 0126, 0128, 0129, 0133, 0136, 0137, 0138, 0139, 0141, 0142, 0143, 0144, 0163, 0201, 0202, 0203, 0204, 0206, 0207, 0208, 0209, 0211, 0212, 0213, 0214, 0216, 0217, 0218, 0219, 0226, 0227, 0228, 0229, 0231, 0232, 0233, 0234, 0236, 0237, 0238, 0239, 0241, 0242, 0244, 0251, 0252, 0253, 0254, 0256, 0257, 0258, 0259, 0261, 0262, 0263, 0264, 0266, 0267, 0268, 0269, 0276, 0277, 0278, 0279, 0286, 0287, 0290, 0300, 0306, 0307, 0308, 0309, 0316, 0317, 0318, 0319, 0326, 0327, 0328, 0329, 0331, 0332, 0333, 0334, 0336, 0337, 0341, 0342, 0351, 0352, 0353, 0354, 0356, 0357, 0358, 0359, 0361, 0362, 0366, 0367, 0369, 0376, 0377, 0378, 0379, 0381, 0382, 0383, 0384, 0386, 0387, 0388, 0389, 0391, 0392, 0393, 0394, 0403, 0405, 0411, 0412, 0413, 0414, 0425, 0431, 0432, 0452, 0456, 0457

FEMA

MAP NUMBER
47037CIND0D

MAP REVISED
June 20, 2024

Each FIRM panel may contain specific notes to the user that provide additional information regarding the flood hazard data shown on that map. However, the FIRM panel does not contain enough space to show all the notes that may be relevant in helping to better understand the information on the panel. Figure 2 contains the full list of these notes.

Figure 2: FIRM Notes to Users

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM including historic versions of this FIRM, how to order products, or the National Flood Insurance Program in general, please call the FEMA Mapping and Insurance eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the FEMA Flood Map Service Center website or by calling the FEMA Mapping and Insurance eXchange.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates, refer to Table 27 in this FIS Report.

To determine if flood insurance is available in the community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

The map is for use in administering the NFIP. It may not identify all areas subject to flooding, particularly from local drainage sources of small size. Consult the community map repository to find updated or additional flood hazard information.

BASE FLOOD ELEVATIONS: For more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, consult the Flood Profiles and Floodway Data and/or Summary of Non-Coastal Stillwater Elevations tables within this FIS Report. Use the flood elevation data within the FIS Report in conjunction with the FIRM for construction and/or floodplain management.

FLOODWAY INFORMATION: Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the FIS Report for this jurisdiction.

FLOOD CONTROL STRUCTURE INFORMATION: Certain areas not in Special Flood Hazard Areas may have reduced flood hazards due to flood control structures. Refer to Section 4.3 "Dams and Other Flood Hazard Reduction Measures" of this FIS Report for information on flood control structures for this jurisdiction.

Figure 2: FIRM Notes to Users

PROJECTION INFORMATION: The projection used in the preparation of the map was State Plane Lambert Conformal Conic, Tennessee Zone 4100. The horizontal datum was the North American Datum 1983; Western Hemisphere. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

ELEVATION DATUM: Flood elevations on the FIRM are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov.

Local vertical monuments may have been used to create the map. To obtain current monument information, please contact the appropriate local community listed in Table 30 of this FIS Report.

BASE MAP INFORMATION (06/20/2024): Base map information shown on this FIRM was provided by the State of Tennessee, Department of Finance & Administration, Strategic Technologies Solutions, GIS Services at https://tnmap.tn.gov/. Data was also obtained from the United States Geological Survey. Ortho imagery was originally produced by the Tennessee Department of Transportation, Office of Aerial Surveys in 2017 and has a 10 inch ground sample distance.

BASE MAP INFORMATION (02/25/2022): Base map information shown on this FIRM was provided by the State of Tennessee, Department of Finance & Administration, Office of Information Resources, Strategic Technologies Solutions, GIS Services from https://tnmap.tn.gov/. Data was also obtained from the Metro Davidson County Planning Department, and Nashville Planning Department. Ortho imagery was originally produced by the Tennessee Department of Transportation in 2013 and has a 10 inch ground sample distance.

BASE MAP INFORMATION (04/05/2017): Base map information shown on this FIRM was provided by the Metropolitan Government of Nashville and Davidson County. This information was photogrammetrically complied from aerial photography dated March 2008.

For information about base maps, refer to Section 6.2 “Base Map” in this FIS Report.

The map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables may reflect stream channel distances that differ from what is shown on the map.

Corporate limits shown on the map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Figure 2: FIRM Notes to Users

NOTES FOR FIRM INDEX

REVISIONS TO INDEX: As new studies are performed and FIRM panels are updated within Davidson County, Tennessee, corresponding revisions to the FIRM Index will be incorporated within the FIS Report to reflect the effective dates of those panels. Please refer to Table 27 of this FIS Report to determine the most recent FIRM revision date for each community. The most recent FIRM panel effective date will correspond to the most recent index date.

ATTENTION: The corporate limits shown on this FIRM Index are based on the best information available at the time of publication. As such, they may be more current than those shown on the FIRM panels issued before June 20, 2024.

SPECIAL NOTES FOR SPECIFIC FIRM PANELS

This Notes to Users section was created specifically for Davidson County, Tennessee, effective June 20, 2024.

ACCREDITED LEVEE SYSTEM: Check with your local community to obtain more information on the levee system(s) shown as providing flood hazard reduction on this panel. To mitigate flood hazards in residual risk areas, property owners and residents are encouraged to review the community's emergency preparedness plan and to consider flood insurance and floodproofing or other risk reduction measures. For more information on flood insurance, interested parties should visit www.fema.gov/flood-insurance.

FLOOD RISK REPORT: A Flood Risk Report (FRR) may be available for many of the flooding sources and communities referenced in this FIS Report. The FRR is provided to increase public awareness of flood risk by helping communities identify the areas within their jurisdictions that have the greatest risks. Although non-regulatory, the information provided within the FRR can assist communities in assessing and evaluating mitigation opportunities to reduce these risks. It can also be used by communities developing or updating flood risk mitigation plans. These plans allow communities to identify and evaluate opportunities to reduce potential loss of life and property. However, the FRR is not intended to be the final authoritative source of all flood risk data for a project area; rather, it should be used with other data sources to paint a comprehensive picture of flood risk.

Each FIRM panel contains an abbreviated legend for the features shown on the maps. However, the FIRM panel does not contain enough space to show the legend for all map features. Figure 3 shows the full legend of all map features. Note that not all of these features may appear on the FIRM panels in Davidson County.

Figure 3: Map Legend for FIRM

SPECIAL FLOOD HAZARD AREAS: The 1% annual chance flood, also known as the base flood or 100-year flood, has a 1% chance of happening or being exceeded each year. Special Flood Hazard Areas are subject to flooding by the 1% annual chance flood. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood. The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights. See note for specific types. If the floodway is too narrow to be shown, a note is shown.

	Special Flood Hazard Areas subject to inundation by the 1% annual chance flood (Zones A, AE, AH, AO, AR, A99, V and VE)
Zone A	The flood insurance rate zone that corresponds to the 1% annual chance floodplains. No base (1% annual chance) flood elevations (BFEs) or depths are shown within this zone.
Zone AE	The flood insurance rate zone that corresponds to the 1% annual chance floodplains. Base flood elevations derived from the hydraulic analyses are shown within this zone.
Zone AH	The flood insurance rate zone that corresponds to the areas of 1% annual chance shallow flooding (usually areas of ponding) where average depths are between 1 and 3 feet. Whole-foot BFEs derived from the hydraulic analyses are shown at selected intervals within this zone.
Zone AO	The flood insurance rate zone that corresponds to the areas of 1% annual chance shallow flooding (usually sheet flow on sloping terrain) where average depths are between 1 and 3 feet. Average whole-foot depths derived from the hydraulic analyses are shown within this zone.
Zone AR	The flood insurance rate zone that corresponds to areas that were formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
Zone A99	The flood insurance rate zone that corresponds to areas of the 1% annual chance floodplain that will be protected by a Federal flood protection system where construction has reached specified statutory milestones. No base flood elevations or flood depths are shown within this zone.
Zone V	The flood insurance rate zone that corresponds to the 1% annual chance coastal floodplains that have additional hazards associated with storm waves. Base flood elevations are not shown within this zone.
Zone VE	Zone VE is the flood insurance rate zone that corresponds to the 1% annual chance coastal floodplains that have additional hazards associated with storm waves. Base flood elevations derived from the coastal analyses are shown within this zone as static whole-foot elevations that apply throughout the zone.
	Regulatory Floodway determined in Zone AE.
	Non-encroachment zone (see Section 2.4 of this FIS Report for more information)

Figure 3: Map Legend for FIRM

OTHER AREAS OF FLOOD HAZARD	
	Shaded Zone X: Areas of 0.2% annual chance flood hazards and areas of 1% annual chance flood hazards with average depths of less than 1 foot or with drainage areas less than 1 square mile.
	Future Conditions 1% Annual Chance Flood Hazard – Zone X: The flood insurance rate zone that corresponds to the 1% annual chance floodplains that are determined based on future-conditions hydrology. No base flood elevations or flood depths are shown within this zone.
	Area with Reduced Flood Hazard due to Accredited or Provisionally Accredited Levee System: Area is shown as reduced flood hazard from the 1-percent-annual-chance or greater flood by a levee system. Overtopping or failure of any levee system is possible.
	Area with Undetermined Flood Hazard due to Non-Accredited Levee System: Analysis and mapping procedures for non-accredited levee systems were applied resulting in a flood insurance rate zone where flood hazards are undetermined, but possible.
OTHER AREAS	
	Zone D (Areas of Undetermined Flood Hazard): The flood insurance rate zone that corresponds to unstudied areas where flood hazards are undetermined, but possible.
NO SCREEN	Unshaded Zone X: Areas of minimal flood hazard.
FLOOD HAZARD AND OTHER BOUNDARY LINES	
(ortho) (vector)	Flood Zone Boundary (white line on ortho-photography-based mapping; gray line on vector-based mapping)
	Limit of Study
	Jurisdiction Boundary
	Limit of Moderate Wave Action (LiMWA): Indicates the inland limit of the area affected by waves greater than 1.5 feet
GENERAL STRUCTURES	
Aqueduct Channel Culvert Storm Sewer	Channel, Culvert, Aqueduct, or Storm Sewer
Dam Jetty Weir	Dam, Jetty, Weir
	Levee, Dike, or Floodwall
Bridge	Bridge

Figure 3: Map Legend for FIRM

REFERENCE MARKERS	
22.0 ●	River mile Markers
CROSS SECTION & TRANSECT INFORMATION	
(B) 20.2	Lettered Cross Section with Regulatory Water Surface Elevation (BFE)
(5280) 21.1	Numbered Cross Section with Regulatory Water Surface Elevation (BFE)
17.5	Unlettered Cross Section with Regulatory Water Surface Elevation (BFE)
(8) - - - - - - -	Coastal Transect
	Profile Baseline: Indicates the modeled flow path of a stream and is shown on FIRM panels for all valid studies with profiles or otherwise established base flood elevation.
	Coastal Transect Baseline: Used in the coastal flood hazard model to represent the 0.0-foot elevation contour and the starting point for the transect and the measuring point for the coastal mapping.
~~ 513 ~~~~	Base Flood Elevation Line
ZONE AE (EL 16)	Static Base Flood Elevation value (shown under zone label)
ZONE AO (DEPTH 2)	Zone designation with Depth
ZONE AO (DEPTH 2) (VEL 15 FPS)	Zone designation with Depth and Velocity

Figure 3: Map Legend for FIRM

BASE MAP FEATURES	
Missouri Creek	River, Stream or Other Hydrographic Feature
234	Interstate Highway
234	U.S. Highway
234	State Highway
234	County Highway
MAPLE LANE	Street, Road, Avenue Name, or Private Drive if shown on Flood Profile
RAILROAD	Railroad
	Horizontal Reference Grid Line
	Horizontal Reference Grid Ticks
+	Secondary Grid Crosshairs
Land Grant	Name of Land Grant
7	Section Number
R. 43 W. T. 22 N.	Range, Township Number
$^{42}76^{000m}$E	Horizontal Reference Grid Coordinates (UTM)
365000 FT	Horizontal Reference Grid Coordinates (State Plane)
80° 16’ 52.5”	Corner Coordinates (Latitude, Longitude)

SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS

2.1 Floodplain Boundaries

To provide a national standard without regional discrimination, the 1-percent-annual-chance (100-year) flood has been adopted by FEMA as the base flood for floodplain management purposes. The 0.2-percent-annual-chance (500-year) flood is employed to indicate additional areas of flood hazard in the community.

Each flooding source included in the project scope has been studied and mapped using professional engineering and mapping methodologies that were agreed upon by FEMA and Davidson County as appropriate to the risk level. Flood risk is evaluated based on factors such as known flood hazards and projected impact on the built environment. Engineering analyses were performed for each studied flooding source to calculate its 1-percent-annual-chance flood elevations; elevations corresponding to other floods (e.g. 10-, 4-, 2-, 0.2-percent annual chance, etc.) may have also been computed for certain flooding sources. Engineering models and methods are described in detail in Section 5.0 of this FIS Report. The modeled elevations at cross sections were used to delineate the floodplain boundaries on the FIRM; between cross sections, the boundaries were interpolated using elevation data from various sources. More information on specific mapping methods is provided in Section 6.0 of this FIS Report.

Depending on the accuracy of available topographic data (Table 22), study methodologies employed (Section 5.0), and flood risk, certain flooding sources may be mapped to show both the 1-percent and 0.2-percent-annual-chance floodplain boundaries, regulatory water surface elevations (BFEs), and/or a regulatory floodway. Similarly, other flooding sources may be mapped to show only the 1-percent-annual-chance floodplain boundary on the FIRM, without published water surface elevations. In cases where the 1-percent and 0.2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-annual-chance floodplain boundary is shown on the FIRM. Figure 3, “Map Legend for FIRM”, describes the flood zones that are used on the FIRMs to account for the varying levels of flood risk that exist along flooding sources within the project area. Table 2 and Table 3 indicate the flood zone designations for each flooding source and each community within Davidson County, respectively.

Table 2, “Flooding Sources Included in this FIS Report,” lists each flooding source, including its study limits, affected communities, mapped zone on the FIRM, and the completion date of its engineering analysis from which the flood elevations on the FIRM and in the FIS Report were derived. Descriptions and dates for the latest hydrologic and hydraulic analyses of the flooding sources are shown in Table 12. Floodplain boundaries for these flooding sources are shown on the FIRM (published separately) using the symbology described in Figure 3. On the map, the 1-percent-annual-chance floodplain corresponds to the SFHAs. The 0.2-percent-annual-chance floodplain shows areas that, although out of the regulatory floodplain, are still subject to flood hazards.

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. The procedures to remove these areas from the SFHA are described in Section 6.5 of this FIS Report.

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Apple Valley Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Woods Lake Branch	Approximately 230 feet upstream of East Campbell Road	05130202	1.1	Y	AE	09/01/2020
Bakers Fork	Metropolitan Government of Nashville and Davidson County	Confluence with Walkers Creek	Approximately 1.80 miles upstream of Private Drive	05130202	5.6	Y	AE	05/01/2019
Bakers Fork Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Bakers Fork	Approximately 150 feet upstream of Private Drive	05130202	2.1	Y	AE	05/01/2019
Barrywood Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Sevenmile Creek	Approximately 825 feet upstream of Trousdale Road	05130202	1.3	Y	AE	09/01/2020
Bear Hollow Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Earthman Fork	Approximately 425 feet upstream of Private Drive	05130202	0.7	Y	AE	11/01/2012
Belle Meade Branch	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Richland Creek	Approximately 120 feet upstream of Warner Place	05130202	0.6	Y	AE	11/01/2012
Belle Meade Branch	Belle Meade, City of; Forest Hills, City of; Metropolitan Government of Nashville and Davidson County	Approximately 120 feet upstream of Warner Place	Approximately 850 feet upstream of Harding Hill Lane	05130202	1.5	Y	AE	09/01/2013
Brentwood Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Sevenmile Creek	Approximately 515 feet upstream of Stone Box Lane	05130202	1.4	Y	AE	09/01/2020

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Browns Creek	Berry Hill, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Confluence with Middle Fork Browns Creek and West Fork Browns Creek	05130202	4.3	Y	AE	09/01/2020
Browns Lake	Metropolitan Government of Nashville and Davidson County	Approximately 4,725 feet upstream of Private Drive	Approximately 1.33 miles upstream of Private Drive	05130202	0.4	N	AE	11/01/2013
Buffalo Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Harpeth River	Approximately 150 feet upstream of Private Drive	05130204	3.0	Y	AE	11/01/2012
Bull Run	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Approximately 2,560 feet upstream of Private Drive	05130202	5.0	Y	AE	05/01/2019
Carney Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Dry Fork Creek	Approximately 660 feet upstream of Stenberg Road	05130202	0.7	Y	AE	11/01/2012
Claylick Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 2,290 feet upstream of Interstate Highway 24	05130202	2.6	Y	AE	11/01/2012
Claylick Creek Overflow	Metropolitan Government of Nashville and Davidson County	Confluence with Claylick Creek	Approximate 2,490 feet upstream of the confluence with Claylick Creek	05130202	0.5	N	AE	11/01/2012
Collins Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 1,315 feet upstream of Interstate Highway 24	05130202	1.4	Y	AE	11/01/2012
Cooper Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 170 feet upstream of Hutson Avenue	05130202	4.0	Y	AE	02/01/2015

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Cooper Creek Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Cooper Creek	Approximately 810 feet upstream of Litton Avenue	05130202	1.1	Y	AE	02/01/2015
Cooper Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Cooper Creek	Approximately 2,430 feet upstream of Kirkland Avenue	05130202	1.0	Y	AE	02/01/2015
Crocker Springs Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 90 feet upstream of Crocker Road	05130202	2.0	Y	AE	11/01/2012
Crocker Springs Branch Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Crocker Springs Branch	Approximately 470 feet upstream of Private Drive	05130202	0.5	Y	AE	11/01/2012
Cub Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 930 feet upstream of Private Drive	05130202	3.7	Y	AE	05/01/2019
Cumberland River	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Old Hickory Reservoir / Dam	05130202	51.1	Y	AE	05/01/2012
Cumberland River - Old Hickory Lake	Metropolitan Government of Nashville and Davidson County	Old Hickory Reservoir / Dam	Sumner & Wilson County boundary	05130201	6.0	N	AE	01/01/1979
Cummings Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 395 feet upstream of Private Drive	05130202	2.8	Y	AE	11/01/2012
Davidson Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 340 feet upstream of Brownlee Drive	05130202	1.7	Y	AE	02/01/2015
Drakes Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 760 feet upstream of Private Drive	05130202	1.7	Y	AE	11/01/2012

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Dry Creek	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 40 feet upstream of Private Drive	05130202	3.8	Y	AE	11/01/2015
Dry Fork	Metropolitan Government of Nashville and Davidson County	Confluence with Stoners Creek	Wilson County boundary	05130203	3.0	Y	AE	04/01/2014
Dry Fork Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 2,040 feet upstream of Private Drive	05130202	3.7	Y	AE	11/01/2012
Dry Fork Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Dry Fork	Approximately 980 feet upstream of New Hope Road	05130203	2.2	Y	AE	04/01/2014
Dry Fork Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Dry Fork Tributary 1	Approximately 540 feet upstream of Hampton Hall Way	05130203	0.4	Y	AE	04/01/2014
Earthman Fork	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 4,600 feet upstream of U.S. Highway 431 / Whites Creek Pike	05130202	5.0	Y	AE	11/01/2012
Earthman Fork Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Earthman Fork	Approximately 3,600 feet upstream of the confluence with Earthman Fork	05130202	0.7	Y	AE	11/01/2012
Earthman Fork Tributary 3	Metropolitan Government of Nashville and Davidson County	Confluence with Earthman Fork	Approximately 3,315 feet upstream of the confluence with Earthman Fork	05130202	0.6	Y	AE	11/01/2012

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Earthman Fork Tributary 4	Metropolitan Government of Nashville and Davidson County	Confluence with Earthman Fork	Approximately 2,170 feet upstream of U.S. Highway 431 / Whites Creek Pike	05130202	0.5	Y	AE	11/01/2012
East Fork Browns Creek	Berry Hill, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Browns Creek	Approximately 1,260 feet upstream of Private Drive	05130202	2.3	Y	AE	11/01/2012
East Fork Creek	Metropolitan Government of Nashville and Davidson County	Confluence with South Harpeth River	Williamson County boundary	05130204	1.2	Y	AE	11/01/2012
East Fork Hamilton Creek	Metropolitan Government of Nashville and Davidson County	Confluence with J. Percy Priest Reservoir	Approximately 755 feet upstream of Bell Road	05130203	1.8	Y	AE	05/01/2019
East Fork Hamilton Creek Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with East Fork Hamilton Creek	Approximately 1,250 feet upstream of Hamilton Church Road	05130203	1.4	Y	AE	05/01/2019
East Fork Hamilton Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with East Fork Hamilton Creek	Approximately 130 feet upstream of Anderson Road	05130203	1.4	Y	AE	05/01/2019
Eaton Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 340 feet upstream of Private Drive	05130202	3.4	Y	AE	11/01/2012
Elm Hill Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with McCrory Creek	Approximately 1,800 feet upstream of Timber Valley Drive	05130203	1.3	Y	AE	04/01/2014
Ewin Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Davidson Branch	Approximately 180 feet upstream of Private Drive	05130202	1.5	Y	AE	02/01/2015

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Ewing Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 2,800 feet upstream of Larkspur Drive	05130202	4.2	Y	AE	11/01/2012
Ewing Creek Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Ewing Creek	Approximately 550 feet upstream of Doverside Drive	05130202	1.0	Y	AE	11/01/2012
Ewing Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Ewing Creek	Approximately 730 feet upstream of Stanwych Drive	05130202	0.5	Y	AE	11/01/2012
Flat Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Harpeth River	Approximately 1,240 feet upstream of U.S. Highway 70 S / Old Harding Pike	05130204	3.7	Y	AE	11/01/2012
Flat Creek Overflow	Metropolitan Government of Nashville and Davidson County	Confluence with Flat Creek	Approximately 1,050 feet upstream of the confluence with Flat Creek	05130204	0.2	N	AE	11/01/2012
Franklin Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 185 feet upstream of Hickory Highlands Drive	05130202	2.7	Y	AE	11/01/2012
Franklin Branch Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Franklin Branch	Approximately 400 feet upstream of Edge O Lake Drive	05130202	1.7	Y	AE	11/01/2012
Franklin Branch Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Franklin Branch	Approximately 1.65 miles upstream of the confluence with Franklin Branch	05130202	1.7	Y	AE	11/01/2012
Franklin Branch Tributary 3	Metropolitan Government of Nashville and Davidson County	Confluence with Franklin Branch	Approximately 280 feet upstream of Private Drive	05130202	0.5	Y	AE	11/01/2012

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Gibson Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 250 feet upstream of E Marthona Road	05130202	2.2	Y	AE	02/01/2015
Gibson Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Gibson Creek	Approximately 175 feet upstream of Maple Street	05130202	1.0	Y	AE	02/01/2015
Gibson Creek Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Gibson Creek	Approximately 480 feet upstream of Private Drive	05130202	0.3	Y	AE	02/01/2015
Gibson Creek Tributary 1.1	Metropolitan Government of Nashville and Davidson County	Confluence with Gibson Creek Tributary	Approximately 300 feet upstream of Private Drive	05130202	0.6	Y	AE	02/01/2015
Gibson Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Gibson Creek	Approximately 440 feet upstream of Saunders Avenue	05130202	0.6	Y	AE	02/01/2015
Gizzards Branch	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 205 feet upstream of Wren Road	05130202	1.7	Y	AE	05/01/2019
Gizzards Branch Tributary 1	Goodlettsville, City of	Confluence with Gizzards Branch	Approximately 185 feet upstream of Wren Road	05130202	0.2	Y	AE	05/01/2019
Gizzards Branch Tributary 2	Goodlettsville, City of	Confluence with Gizzards Branch	Approximately 250 feet upstream of Wren Road	05130202	0.2	Y	AE	05/01/2019
Glenrose Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 600 feet upstream of Private Drive	05130202	0.9	Y	AE	09/01/2020
Harpeth River	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Approximately 580 feet downstream of the confluence of Little Harpeth River	05130204	14.5	Y	AE	10/22/2014

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Harpeth River	Metropolitan Government of Nashville and Davidson County	Approximately 580 feet downstream of the confluence of Little Harpeth River	Approximately 2,700 feet upstream of the confluence of Little Harpeth River	05130204	0.7	Y	AE	05/01/2019
Highway 100 Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with South Harpeth River	Approximately 110 feet upstream of Private Drive	05130204	1.9	Y	AE	11/01/2012
Holt Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 230 feet upstream of Edmondson Pike	05130202	2.5	Y	AE	11/01/2012
Hurricane Creek	Metropolitan Government of Nashville and Davidson County	Confluence with J. Percy Priest Reservoir	Approximately 25 feet upstream of Private Drive	05130203	4.9	Y	AE	05/01/2019
Indian Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 130 feet upstream of Fann Road	05130202	3.3	Y	AE	11/01/2012
Indian Creek (West)	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 670 feet upstream of Private Drive	05130202	3.2	Y	AE	02/01/2015
Indian Creek (West) Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Indian Creek (West)	Approximately 960 feet upstream of Private Drive	05130202	1.6	Y	AE	02/01/2015
Indian Creek (West) Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Indian Creek (West)	Approximately 1,110 feet upstream of Indian Creek Road	05130202	0.4	Y	AE	02/01/2015
J. Percy Priest Reservoir	Metropolitan Government of Nashville and Davidson County	Confluence with Stones River	Williamson / Wilson County boundary	05130203	11.8	N	AE	Data not available

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Jocelyn Hollow Branch	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Richland Creek	Approximately 1,290 feet upstream of Robin Hill Road	05130202	1.5	Y	AE	11/01/2012
Jocelyn Hollow Branch Overflow	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Jocelyn Hollow Branch	Approximately 1,610 feet upstream of the confluence with Jocelyn Hollow Branch	05130202	0.3	N	AE	11/01/2012
Johnson Hollow	Metropolitan Government of Nashville and Davidson County	Confluence with Earthman Fork	Approximately 800 feet upstream of Private Drive	05130202	1.6	Y	AE	11/01/2012
Little Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 815 feet upstream of Hunters Lane	05130202	3.9	Y	AE	11/01/2012
Little Creek Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Little Creek	Approximately 590 feet upstream of Private Drive	05130202	1.8	Y	AE	11/01/2012
Little Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Little Creek	Approximately 3,800 feet upstream of Hunters Lane	05130202	1.1	Y	AE	11/01/2012
Little East Fork Creek	Metropolitan Government of Nashville and Davidson County	Confluence with East Fork Creek	Williamson County boundary	05130204	0.7	Y	AE	11/01/2012
Little Harpeth River	Metropolitan Government of Nashville and Davidson County	Confluence with Harpeth River	Williamson County boundary	05130204	1.3	Y	AE	05/01/2019
Little Marrowbone Creek	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Approximately 2,060 feet upstream of Private Drive	05130202	6.2	Y	AE	05/01/2019

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Little Marrowbone Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Little Marrowbone Creek	Approximately 1.30 miles upstream of the confluence with Little Marrowbone Creek	05130202	1.3	Y	AE	05/01/2019
Long Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Sycamore Creek	Approximately 1.17 miles upstream of Bidwell Road	05130202	5.0	Y	AE	05/01/2019
Long Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Long Creek	Approximately 1.20 miles upstream of the confluence with Long Creek	05130202	1.2	Y	AE	05/01/2019
Long Creek Tributary A	Metropolitan Government of Nashville and Davidson County	Confluence with Long Creek	Cheatham County boundary	05130202	0.5	N	AE	10/01/2017
Long Creek Tributary A	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Cheatham County boundary	05130202	0.2	N	AE	10/01/2017
Loves Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 75 feet upstream of Private Drive	05130202	2.0	Y	AE	02/01/2015
Lumsley Fork	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Mansker Creek	Approximately 535 feet upstream of Private Drive	05130202	1.4	Y	AE	05/01/2019
Mansker Creek	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 4,630 feet upstream of Ridge Hill Road / Ridgehill Drive	05130202	10.7	Y	AE	05/01/2019
Mansker Creek Tributary 1	Goodlettsville, City of	Confluence with Mansker Creek	Approximately 2,980 feet upstream of French Street	05130202	1.4	Y	AE	05/01/2019

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Mansker Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Mansker Creek	Approximately 1,290 feet upstream of Private Drive	05130202	0.7	Y	AE	05/01/2019
Marrowbone Creek	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Approximately 80 feet upstream of Marrowbone Lake Road	05130202	1.5	Y	AE	05/01/2019
Marrowbone Lake	Metropolitan Government of Nashville and Davidson County	Approximately 80 feet upstream of Marrowbone Lake Road	Approximately 1.85 miles upstream of Marrowbone Lake Road	05130202	1.8	N	AE	11/01/2013
McCrory Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Stones River	Approximately 1,350 feet upstream of Pully Road	05130203	5.8	Y	AE	04/01/2014
Middle Fork Browns Creek	Metropolitan Government of Nashville and Davidson County; Oak Hill, City of	Confluence with Browns Creek and West Fork Browns Creek	Approximately 180 feet upstream of Tyne Boulevard	05130202	3.0	Y	AE	11/01/2012
Mill Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Williamson County boundary	05130202	21.7	Y	AE	11/01/2012
North Fork Ewing Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Ewing Creek	Approximately 490 feet upstream of Kemper Drive	05130202	3.6	Y	AE	11/01/2012
North Fork Ewing Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek	Approximately 860 feet upstream of Cheshire Drive	05130202	1.3	Y	AE	11/01/2012
North Fork Ewing Creek Tributary 3	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek Tributary 2	Approximately 1,370 feet upstream of Brick Church Pike	05130202	0.4	Y	AE	11/01/2012
North Fork Ewing Creek Tributary 4	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek	Approximately 1,740 feet upstream of Westchester Drive	05130202	0.4	Y	AE	11/01/2012

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
North Fork Ewing Creek Tributary 5	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek	Approximately 1,270 feet upstream of Westchester Drive	05130202	0.3	Y	AE	11/01/2012
North Fork Ewing Creek Tributary 6	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek	Approximately 280 feet upstream of Private Drive	05130202	0.3	Y	AE	11/01/2012
North Fork Ewing Creek Tributary 7	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek	Approximately 225 feet upstream of Dickerson Pike	05130202	0.9	Y	AE	11/01/2012
North Fork Ewing Creek Tributary 8	Metropolitan Government of Nashville and Davidson County	Confluence with North Fork Ewing Creek Tributary 7	Approximately 90 feet upstream of Private Drive	05130202	0.3	Y	AE	11/01/2012
Otter Creek	Forest Hills, City of; Metropolitan Government of Nashville and Davidson County; Oak Hill, City of	Williamson County boundary	Approximately 30 feet upstream of Radnor Lake Spillway	05130204	4.9	Y	AE	11/01/2012
Overall Creek	Metropolitan Government of Nashville and Davidson County	Approximately 1,450 feet downstream of Old Charlotte Pike	Approximately 1,470 feet upstream of Ridgelake Parkway	05130202	2.5	Y	AE	09/01/2020
Overall Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Overall Creek	Approximately 860 feet upstream of Old Charlotte Pike	05130202	1.3	Y	AE	09/01/2020
Owl Creek	Metropolitan Government of Nashville and Davidson County	At the confluence with Mill Creek	Williamson County boundary	05130202	0.3	Y	AE	10/01/2017
Pages Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 2,080 feet upstream of Oakwood Avenue	05130202	2.7	Y	AE	02/01/2015

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Pages Branch Tributary A	Metropolitan Government of Nashville and Davidson County	Confluence with Pages Branch	Approximately 780 feet upstream of Jones Avenue	05130202	1.1	Y	AE	02/01/2015
Pages Branch Tributary B	Metropolitan Government of Nashville and Davidson County	Confluence with Pages Branch	Approximately 260 feet upstream of Brick Church Pike	05130202	0.7	Y	AE	02/01/2015
Pond Creek	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Approximately 470 feet upstream of Private Drive	05130202	0.3	N	AE	10/01/2017
Poplar Creek	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Approximately 830 feet upstream of Poplar Creek Road	05130204	2.6	Y	AE	11/01/2012
Pulley Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with McCrory Creek	Approximately 1,760 feet upstream of Reyonlds Road	05130203	1.4	Y	AE	04/01/2014
Richland Creek	Belle Meade, City of; Forest Hills, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 540 feet upstream of Lynnwood Boulevard	05130202	9.5	Y	AE	11/01/2012
Richland Creek	Forest Hills, City of; Metropolitan Government of Nashville and Davidson County	Approximately 540 feet upstream of Lynnwood Boulevard	Approximately 660 feet upstream of Private Drive	05130202	2.2	Y	AE	09/01/2013
Scotts Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Stoners Creek	Wilson County boundary	05130203	1.3	Y	AE	04/01/2014
Scotts Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Scotts Creek	Wilson County boundary	05130203	0.8	Y	AE	04/01/2014

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Scotts Hollow	Metropolitan Government of Nashville and Davidson County	Confluence with Scotts Creek	Wilson County boundary	05130203	0.9	Y	AE	04/01/2014
Sevenmile Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 240 feet upstream of Church Street East	05130202	7.0	Y	AE	11/01/2012
Sevenmile Creek Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Sevenmile Creek	Wilson County boundary	05130202	1.6	Y	AE	11/01/2012
Sevenmile Creek Tributary 2	Metropolitan Government of Nashville and Davidson County	Confluence with Sevenmile Creek	Approximately 900 feet upstream of Private Drive	05130202	1.3	Y	AE	11/01/2012
Shaw Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 1,240 feet upstream of Private Drive	05130202	2.7	Y	AE	11/01/2012
Sims Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 1,050 feet upstream of Interstate Highway 40	05130202	2.1	Y	AE	11/01/2012
Sorghum Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 760 feet upstream of Raywood Lane	05130202	3.6	Y	AE	11/01/2012
Sorghum Branch Overflow	Metropolitan Government of Nashville and Davidson County	Confluence with Sorghum Branch	Approximately 989 feet upstream of the confluence with Sorghum Branch	05130202	0.2	N	AE	11/01/2012
South Fork Sycamore Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Sycamore Creek	Approximately 4,725 feet upstream of Private Drive	05130202	6.9	Y	AE	05/01/2019
South Fork Sycamore Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with South Fork Sycamore Creek	Approximately 1.47 miles upstream of Ivey Point Road	05130202	2.1	Y	AE	05/01/2019

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
South Harpeth River	Metropolitan Government of Nashville and Davidson County	Cheatham County boundary	Williamson County boundary	05130204	5.7	Y	AE	11/01/2012
Stonemeade Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Trace Creek	Approximately 120 feet upstream of Private Drive	0513204	1.6	Y	AE	09/01/2020
Stoners Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Stones River	Wilson County boundary	05130203	5.7	Y	AE	04/01/2014
Stones River	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Confluence with J. Percy Priest Reservoir	05130203	6.8	Y	AE	04/01/2014
Sugartree Creek	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County	Confluence with Richland Creek	Approximately 700 feet upstream of Seven Hills Boulevard	05130202	3.5	Y	AE	10/01/2014
Sulphur Branch	Metropolitan Government of Nashville and Davidson County	Confluence with South Fork Sycamore Creek	Approximately 980 feet upstream of Wilkinson Road	05130202	2.9	Y	AE	05/01/2019
Sulphur Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 690 feet upstream of Old Hickory Boulevard	05130202	4.5	Y	AE	05/01/2019
Sycamore Creek	Metropolitan Government of Nashville and Davidson County	Robertson County boundary	Confluence with South Fork Sycamore Creek	05130202	1.7	Y	AE	05/01/2019
Trace Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Harpeth River	Williamson County boundary	05130204	1.0	Y	AE	11/01/2012
Trantham Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 175 feet upstream of Private Drive	05130202	2.7	Y	AE	11/01/2012

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Tributary No. 1 to Overall Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Overall Creek	Approximately 500 feet upstream of Private Drive	05130202	1.0	Y	AE	02/01/2015
Tributary to Richland Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Richland Creek	Approximately 1,430 feet upstream of Bowling Avenue	05130202	1.6	Y	AE	05/01/2019
Tributary to Richland Creek Overflow	Metropolitan Government of Nashville and Davidson County	Confluence with Tributary to Richland Creek	Approximately 370 feet upstream of Private Drive	05130202	0.2	Y	AE	05/01/2019
Turkey Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 220 feet upstream of Cane Ridge Road	05130202	1.8	Y	AE	11/01/2012
Unnamed Tributary to Whittemore Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Whittemore Branch	Approximately 600 feet upstream of the confluence with Whittemore Branch	05130202	0.1	Y	AE	07/11/2008
Vaughns Gap Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Richland Creek	Approximately 420 feet upstream of Percy Warner Boulevard	05130202	2.0	Y	AE	11/01/2012
Vaughns Gap Branch Overflow	Metropolitan Government of Nashville and Davidson County	Confluence with Vaughns Gap Branch	Approximately 2,280 feet upstream of the confluence with Vaughns Gap Branch	05130202	0.4	N	AE	11/01/2012
Vhoins Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Ewing Creek	Approximately 350 feet upstream of Brick Church Lane	05130202	1.2	Y	AE	11/01/2012
Walkers Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Mansker Creek	Approximately 360 feet upstream of Private Drive	05130202	3.2	Y	AE	05/01/2019

Table 2: Flooding Sources Included in this FIS Report (continued)

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Walkers Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Walkers Creek	Approximately 180 feet upstream of Private Drive	05130202	0.7	Y	AE	05/01/2019
West Fork Browns Creek	Metropolitan Government of Nashville and Davidson County; Oak Hill, City of	Confluence with Middle Fork Browns Creek and West Fork Browns Creek	Approximately 145 feet upstream of Private Drive	05130202	3.6	Y	AE	11/01/2012
Whites Creek	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Confluence of Cummings Branch	05130202	12.8	Y	AE	11/01/2012
Whites Creek Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Whites Creek	Approximately 520 feet upstream of Moormans Arm Road	05130202	1.2	Y	AE	11/01/2012
Whittemore Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Mill Creek	Approximately 490 feet upstream of Brentwood Highlands Drive	05130202	3.5	Y	AE	11/01/2012
Whittemore Branch Tributary	Metropolitan Government of Nashville and Davidson County	Confluence with Whittemore Branch	Approximately 150 feet upstream of Ocala Court South	05130202	1.3	Y	AE	11/01/2012
Windemere Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Cumberland River	Approximately 770 feet upstream of Private Drive	05130202	1.2	Y	AE	02/01/2015
Windemere Branch Tributary 1	Metropolitan Government of Nashville and Davidson County	Confluence with Windemere Branch	Approximately 1,300 feet upstream of Brookview Drive	05130202	0.4	Y	AE	02/01/2015
Woods Lake Branch	Metropolitan Government of Nashville and Davidson County	Confluence with Dry Creek	Approximately 2,400 feet upstream of West Campbell Road	05130202	1.7	Y	AE	09/01/2020

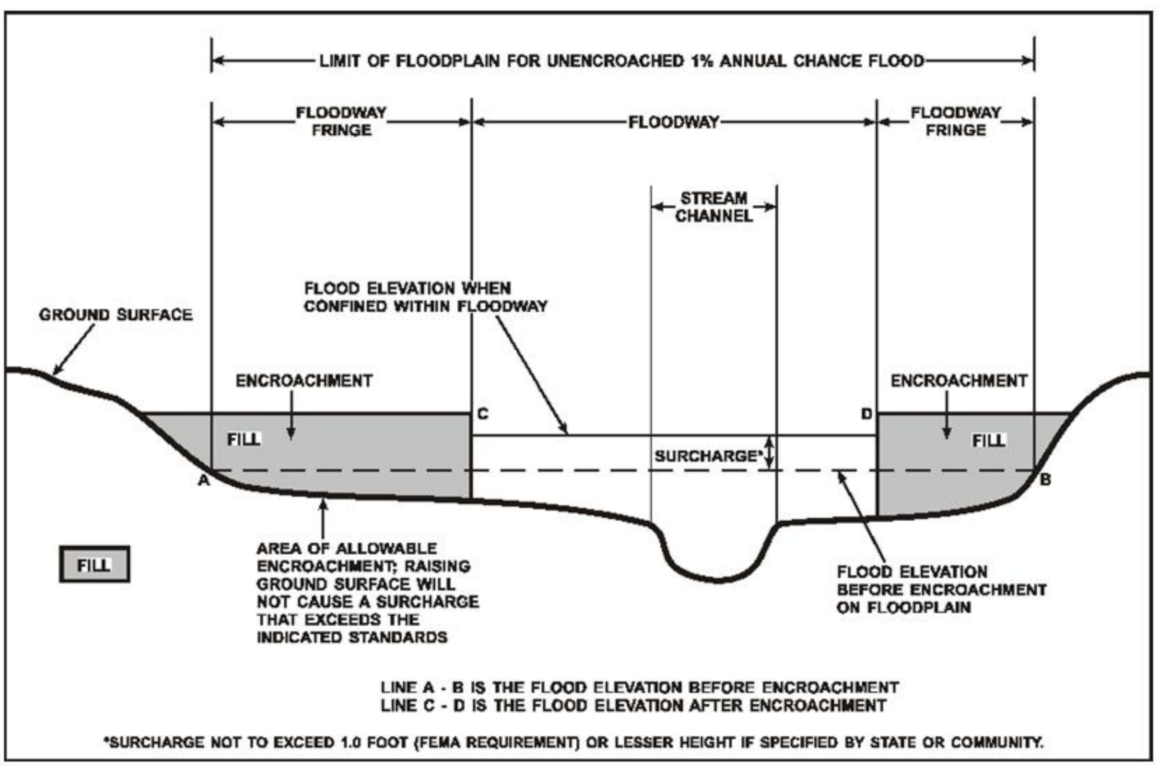
2.2 Floodways

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 balancing floodplain development against increasing flood hazard. With this approach, the area of the 1-percent-annual-chance floodplain on a river is divided into a floodway and a floodway fringe based on hydraulic modeling. The floodway is the channel of a stream, plus any adjacent floodplain areas, that must be kept free of encroachment in order to carry the 1-percent-annual-chance flood. The floodway fringe is the area between the floodway and the 1-percent-annual-chance floodplain boundaries where encroachment is permitted. The floodway must be wide enough so that the floodway fringe could be completely obstructed without increasing the water surface elevation of the 1-percent-annual-chance flood more than 1 foot at any point. Typical relationships between the floodway and the floodway fringe and their significance to floodplain development are shown in Figure 4.

To participate in the NFIP, Federal regulations require communities to limit increases caused by encroachment to 1.0 foot, provided that hazardous velocities are not produced. The floodways in this project are presented to local agencies as minimum standards that can be adopted directly or that can be used as a basis for additional floodway projects.

Figure 4: Floodway Schematic



Floodway widths presented in this FIS Report and on the FIRM were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. For certain stream segments, floodways were adjusted so that the amount of floodwaters conveyed on each side of the floodplain would be reduced equally. The results of the floodway computations have been tabulated for selected cross sections and are shown in Table 23, “Floodway Data.”

All floodways that were developed for this Flood Risk Project are shown on the FIRM using the symbology described in Figure 3. In cases where the floodway and 1-percent-annual-chance floodplain boundaries are either close together or collinear, only the floodway boundary has been shown on the FIRM. For information about the delineation of floodways on the FIRM, refer to Section 6.3.

2.3 Base Flood Elevations

The hydraulic characteristics of flooding sources were analyzed to provide estimates of the elevations of floods of the selected recurrence intervals. The BFE is the elevation of the 1-percent-annual-chance flood. These BFEs are most commonly rounded to the whole foot, as shown on the FIRM, but in certain circumstances or locations they may be rounded to 0.1 foot. Cross section lines shown on the FIRM may also be labeled with the BFE rounded to 0.1 foot. Whole-foot BFEs derived from engineering analyses that apply to coastal areas, areas of ponding, or other static areas with little elevation change may also be shown at selected intervals on the FIRM.

BFEs are primarily intended for flood insurance rating purposes. Cross sections with BFEs shown on the FIRM correspond to the cross sections shown in the Floodway Data table and Flood Profiles in this FIS Report. 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. For example, the user may use the FIRM to determine the stream station of a location of interest and then use the profile to determine the 1-percent annual chance elevation at that location. Because only selected cross sections may be shown on the FIRM for riverine areas, the profile should be used to obtain the flood elevation between mapped cross sections. Additionally, for riverine areas, whole-foot elevations shown on the FIRM may not exactly reflect the elevations derived from the hydraulic analyses; therefore, elevations obtained from the profile may more accurately reflect the results of the hydraulic analysis.

2.4 Non-Encroachment Zones

Some States and communities use non-encroachment zones to manage floodplain development. For flooding sources with medium flood risk, field surveys are often not collected and surveyed bridge and culvert geometry is not developed. Standard hydrologic and hydraulic analyses are still performed to determine BFEs in these areas. However, floodways are not typically determined, since specific channel profiles are not developed. To assist communities with managing floodplain development in these areas, a “non-encroachment zone” may be provided. While not a FEMA designated floodway, the non-encroachment zone represents that area around the stream that should be reserved to convey the 1-percent-annual-chance flood event. As with a floodway, all surcharges must fall within the acceptable range in the non-encroachment zone.

General setbacks can be used in areas of lower risk (e.g. unnumbered Zone A), but these are not considered sufficient where unnumbered Zone A is replaced by Zone AE. The NFIP requires communities to ensure that any development in a non-encroachment area causes no increase in BFEs. Communities must generally prohibit development within the area defined by the non-encroachment width to meet the NFIP requirement. Regulations for State require communities in Davidson County to limit increases caused by encroachment to 1.0 foot and several communities have adopted additional restrictions for non-encroachment areas.

Non-encroachment determinations may be delineated where it is not possible to delineate floodways because specific channel profiles with bridge and culvert geometry were not developed. Any non-encroachment determinations for this Flood Risk Project have been tabulated for selected cross sections and are shown in Table 24 “Flood Hazard and Non-Encroachment Data for Selected Streams.” Areas for which non-encroachment zones are provided show BFEs and the 1-percent-annual-chance floodplain boundaries mapped as zone AE on the FIRM but no floodways.

2.5 Coastal Flood Hazard Areas

This section is not applicable to this Flood Risk Project.

2.5.1 Water Elevations and the Effects of Waves

This section is not applicable to this Flood Risk Project.

Figure 5: Wave Runup Transect Schematic

[Not Applicable to this Flood Risk Project]

2.5.2 Floodplain Boundaries and BFEs for Coastal Areas

This section is not applicable to this Flood Risk Project.

2.5.3 Coastal High Hazard Areas

This section is not applicable to this Flood Risk Project.

Figure 6: Coastal Transect Schematic

[Not Applicable to this Flood Risk Project]

2.5.4 Limit of Moderate Wave Action

This section is not applicable to this Flood Risk Project.

SECTION 3.0 – INSURANCE APPLICATIONS

3.1 National Flood Insurance Program Insurance Zones

For flood insurance applications, the FIRM designates flood insurance rate zones as described in Figure 3, “Map Legend for FIRM.” Flood insurance zone designations are assigned to flooding sources based on the results of the hydraulic or coastal analyses. Insurance agents use the zones shown on the FIRM and depths and base flood elevations in this FIS Report in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

The 1-percent-annual-chance floodplain boundary corresponds to the boundary of the areas of special flood hazards (e.g. Zones A, AE, V, VE, etc.), and the 0.2-percent-annual-chance floodplain boundary corresponds to the boundary of areas of additional flood hazards.

Table 3 lists the flood insurance zones in Davidson County.

Table 3: Flood Zone Designations by Community

Community	Flood Zone(s)
Belle Meade, City of	AE, X
Berry Hill, City of	AE, X
Forest Hills, City of	AE, X
Goodlettsville, City of	AE, X
Metropolitan Government of Nashville and Davidson County	AE, X
Oak Hill, City of	AE, X
Ridgetop, City of	X

SECTION 4.0 – AREA STUDIED

4.1 Basin Description

Table 4 contains a description of the characteristics of the HUC-8 sub-basins within which each community falls. The table includes the main flooding sources within each basin, a brief description of the basin, and its drainage area.

Table 4: Basin Characteristics

HUC-8 Sub-Basin Name	HUC-8 Sub-Basin Number	Primary Flooding Source	Description of Affected Area	Drainage Area (square miles)[1]
Harpeth	05130204	Harpeth River	This watershed is located in the southwestern portion of the county. It has the third largest presence in Davidson County.	56.2
Lower Cumberland – Old Hickory Lake	05130201	Cumberland River	Located on the east side of the county. It is the second smallest presence in the county.	5.0

Table 4: Basin Characteristics (continued)

HUC-8 Sub-Basin Name	HUC-8 Sub-Basin Number	Primary Flooding Source	Description of Affected Area	Drainage Area (square miles)[1]
Lower Cumberland - Sycamore	05130202	Cumberland River	This watershed is located in the center of the county and encompasses the majority of the county.	386.6
Red	05130206	Red River	This watershed barely touches Davidson County and is located in the northern portion of the county.	0.0
Stones	05130203	Stones River	This watershed is located in the southeastern portion of the county. It has the second largest presence in the county.	77.6

[1] Total drain area of watershed inside the county

4.2 Principal Flood Problems

Table 5 contains a description of the principal flood problems that have been noted for Davidson County by flooding source.

Table 5: Principal Flood Problems

Flooding Source	Description of Flood Problems
All Flooding Sources	All streams within Davidson County are subject to flooding, and flooding due to backwater is a significant concern. The primary effect of flooding on these streams appears to be inundation, although velocities will become significant to persons and structures under more extreme flooding situations. Calculated floodplain velocities range from one to five feet per second, and these are generally considered to be of dangerous magnitudes (FIS 2017).
Cumberland River	The potential for flood-related damage to areas within Davidson County is greater from the Cumberland River than any other source of flooding. The type of flooding experienced from the Cumberland River is more general in nature, rather than flash flooding caused by excessive rainfall over short periods. Two historic flood events that produced maximum flood heights along the Cumberland River were those of December 1926-January 1927 and January 1937. However, the flood of March 1975 exceeded the 1-percent-annual-chance flood elevation in existence prior to this occurrence and caused over $6.6 million dollars worth of damage in Davidson County alone. The May 2010 flood, which occurred when heavy rainfall overwhelmed Cumberland River tributaries in the Nashville area and resulted in twenty-six deaths and over two billion dollars in damages, is officially reported as the largest flood event ever recorded in Davidson County (FIS 2017).

Table 5: Principal Flood Problems (continued)

Flooding Source	Description of Flood Problems
Cumberland River Tributaries	On Saturday, May 1 and Sunday, May 2, 2010, heavy rainfall occurred in the Cumberland River Valley and continued through the following day. This intense rainfall quickly overwhelmed major tributaries to the Cumberland in the Nashville area, causing widespread and serious flooding. A total of 11 people died in Nashville, and according to the document “Severe Flooding May 2010: Disaster Declaration # FEMA-1909- DR After Action Report/Improvement Plan” released on July 6, 2011 by the Mayor’s Office of Emergency Management, over a billion dollars in damage occurred as a result of the flood. For the flooding sources included in this study, stream gage records were not available for this event; however, high water mark data, collected by the USACE and Metro Water Services (MWS) is available for this event throughout the basin, as well as rainfall data collected by the MWS rain gage network. The most recent recorded flood event was in the early morning hours of Thursday, August 8, 2013. This event began around 3:00 am and was concentrated on the Madison area in northeastern Davidson County. Although the entire county received some precipitation that morning, the greatest intensities were centered in Madison, specifically over the Gibson Creek watershed. In total, 7.79 inches of rainfall were recorded in a five-hour period from 3:00 am to 8:00 am, a peak time for commuter traffic. In the one-hour period between 5:00 am and 6:00 am, six inches of rainfall were recorded at the Gibson Creek SPS, making this the most intense rainfall Davidson County has ever recorded. USACE and MWS collected high water marks for this event for the Cooper Creek, Ewing Creek, and Gibson Creek watersheds (USACE 2015-4A).
Brown Creek Watershed	Floods have occurred on Browns Creek and its tributaries during all seasons of the year. The basin is vulnerable to floods resulting from both frontal systems typically during winter and early spring, and intense thunderstorms typically during summer and fall. All streams in the basin tend to rise rapidly following intense rainfall, with rates of rise as high as nine feet per hour and peaks occurring in as short a time as one-half hour. Flooding generally last no longer than 6 to 10 hours. Historically, water levels have been maintained along Browns Creek and its three major forks. Prior to May 2010, large floods have occurred in the Browns Creek basin in March 1975 and September 1979. The majority of the flooding problems in Browns Creek Watershed occurs in four general areas; along Browns Creek main stem from Murfreesboro Pike (River Mile 1.51) to CSX Railroad (River Mile 2.15), along Browns Creek main stem from Bransford Avenue (River Mile 3.25) to just upstream of Craighead Street (River Mile 3.40), along East Fork Browns Creek from mouth to just upstream of Berry Road (River Mile 0.20), and along Middle and West Fork from their mouths (the I-65 and I-440 interchange) to one mile upstream. In these four damage reaches, approximately 250 structures can be expected to be affected by the 100-year flood event with approximately two-thirds of them having inundation in the first floor living space. Damages elsewhere throughout the watershed are less severe consisting of approximately 60 structures that may be impacted. The May 2010 flood is the flood of record along Browns Creek and its tributaries within Davidson County. On Saturday, May 1, 2010, heavy rain began falling in the Cumberland River Valley, Tennessee, and continued through the following day. 10.80 inches of rainfall was measured at the Metro Thompson Lane SCADA rainfall gage. The daily rainfall totals were 5.73 inches and 5.07 inches on May 01 and May 02, respectively. The maximum 12- hour rainfall totals were 5.24 inches and 5.05 inches on May 01 and May 02, respectively. This intensity of rainfall quickly overwhelmed tributaries to the Cumberland in the Nashville area, causing wide-spread and serious flooding. Twenty-six people died and over 2 billion dollars in damage occurred as a result of the flood. The reported Browns Creek at State Fairgrounds gage peak stage and discharge for the May 2010 event were 13.44 feet and 8,540 cfs, respectively (USACE 2012b).

Table 5: Principal Flood Problems (continued)

Flooding Source	Description of Flood Problems
Dry Creek	The May 2010 event is the flood of record along Dry Creek. On Saturday, May 1, 2010, heavy rain began falling in the Cumberland River Valley, Tennessee, and continued through the following day. Approximately 7.5 inches of rainfall was measured at the Old Hickory Dam precipitation gage, where other gages within Davidson County measured anywhere from 11-13 inches. This intensity of rainfall quickly overwhelmed tributaries to the Cumberland in the Nashville area, causing widespread and serious flooding. Twenty-six people died and over two billion dollars in damage occurred as a result of the flood. Since the USGS stream gage near Edenwold, TN (03426470) has been in service (1997-present), there have been a total of 21 storm events resulting in over 1,000 cubic feet per second (cfs) that typically range from 1,000-1,700 cfs; however, since 2010, the watershed has experienced 3 events 4,000 cfs and greater including the May 2010 event. In addition to the May 2010 event, Dry Creek experienced relatively large and damaging floods in August of 2010 and 2013 (USACE 2015-4AA).
Harpeth River	Flooding along Harpeth River and its tributaries occurs during all seasons of the year. The basins are susceptible to floods resulting from frontal systems typically occurring during the winter and early spring, and also intense thunderstorms that typically occur during summer and fall. Aside from Little Harpeth River and South Harpeth River, flooding is primarily controlled by backwater from the Harpeth River due to the small drainage size of the tributaries. Flooding from the tributaries generally peaks swiftly and passes before backwater inundation from the Harpeth River (USACE 2012h).
Harpeth River	The Harpeth River repeatedly floods in Bellevue, Franklin, Brentwood, and Williamson County, Tennessee causing widespread residential and commercial damages. Life safety is a concern during severe flood events. The Harpeth River Watershed has a well-documented history of repeated, large flood events with the most recent occurring in May 2010. In the 90 river miles from the City of Franklin to the mouth of the river, homes, schools, and businesses were inundated and destroyed. In some cases, flood depths were up to six feet above the 500-year flood stage. The direct economic damages associated with the flood were estimated in excess of $480 million in a basin of which the largest population center barely exceeds 60,000 people, as of the 2010 Census. Five lives were lost in the May 2010 event mainly due to vehicles being swept downstream by rapidly rising water. Although the recurrence frequency of the May 2010 event is relatively low, the Harpeth River Watershed has a long history of significant flood events every few decades, with previous major flooding also occurring in March 1975. The Little Harpeth River overflows its banks an average of once per year, with most floods occurring in winter and early spring. Floods on both the Harpeth River and Little Harpeth River are characterized by rapidly rising and falling flood stages. Flood velocities are high enough in the channels to sweep vehicles off the roadways. Flood depths depend on the duration and location of the precipitation event. It is possible for some subbasins to experience little, if any, flooding while other subbasins experience historical flooding during the same period (USACE 2016c).

Table 5: Principal Flood Problems (continued)

Flooding Source	Description of Flood Problems
Harpeth River	The Harpeth River watershed has a well-documented history of repeated, large flood events with the most recent occurring in May 2010 when the western part of middle Tennessee experienced a record storm event. The Harpeth River watershed had more rain over a 2-day period than anywhere else in the storm area, reaching up to 18 inches in some places. This event caused record flooding and unprecedented damages in the Lower Harpeth River basin and lesser damages in the Middle Harpeth basin and tributaries. With recent population and development growth in the basin during the last few decades, significant flood events, as well as damages associated with them, are expected to occur more frequently. The May 2010 flooding caused significant damage in portions of the basin and was responsible for four fatalities. From the City of Franklin to the mouth of the Harpeth River, homes, at least one school, (Kingston Springs Elementary School), and businesses were inundated and damaged. In the lower third of the watershed, flood depths on the Harpeth River were up to six feet above the 500-year flood stage. In Franklin, the Harpeth River crested 5 feet above flood stage. The direct economic damages associated with this flood were estimated to be in excess of $480 million. And, this in a basin of which the largest population center barely exceeds 60,000 people, as of the 2010 Census. While the May 2010 event was quite extreme, significant flood events tend to occur within the watershed every few decades, with previous major flooding also occurring in March 1975 following 7 to 9 inches of rain falling in the Harpeth River basin and leading to major flooding that impacted the Newsome Station Area ($190,350 in damages adjusted to 2011 dollars) and Franklin ($14,534,640 in damages adjusted to 2011 dollars). The March 1975 flood was estimated to have a recurrence interval of 50 years in the Franklin area. Other floods occurred in December 1969, February 1948, January 1946, January 1937, March 1929, and December 1926 - January 1927 (USACE 2016a).
Little Harpeth River	Based on available historic data, the Little Harpeth River overflows its banks an average of once per year. Past history indicates flooding may occur in the study area at any time, but most floods occur in the winter and early spring. However, intense local thunder storms often occur in the summer and can also cause flooding. Large floods has occurred in the basin in March 1902, March 1929, February 1948, March 1944, June 1960, February 1962, March 1975, May 1979, September 1979, and May 2010 (USACE 2016b).
McCrory Creek Watershed	The May 2010 event is the flood of record along McCrory. On Saturday, May 1, 2010, heavy rain began falling in the Cumberland River Valley, Tennessee, and continued through the following day. 11.53 inches of rainfall was measured at the McCrory Creek Pump Station Metro rain gage (RG09), seen in Figure 1. The daily rainfall totals were 5.03 inches and 6.50 inches on May 01 and May 02, respectively. 12.89 inches of rainfall was measured at the Hopedale WW Pump Station Metro rain gage (RG12). The daily rainfall totals were 6.38 inches and 6.51 inches on May 01 and May 02, respectively. 11.02 inches of rainfall was measured at the Smith Springs Pump Station Metro rain gage (RG13). The daily rainfall totals were 6.82 inches and 4.20 inches on May 01 and May 02, respectively. This intensity of rainfall quickly overwhelmed tributaries to the Cumberland in the Nashville area, causing wide-spread and serious flooding. Twenty-six people died and over two billion dollars in damage occurred as a result of the flood. Stream gage data was not available; however USACE and MWS collected high water marks for this event (USACE 2014a).

Table 5: Principal Flood Problems (continued)

Flooding Source	Description of Flood Problems
Mill Creek Watershed	The flood of record along Mill Creek occurred over May 1 - 2, 2010 when rain began falling heavily in the Cumberland River Valley, resulting in the Cumberland River tributaries located in the Nashville area becoming overwhelmed. This large intensity of rainfall resulted in wide-spread flooding and culminated in the death of twenty-six individuals and over two billion dollars in damages. Previous historic flood events of note along Mill Creek include the flooding event that occurred over March 20 - 21, 1955, the June 16 - 17, 1960 flood event, the February 25 -27, 1962 flood event, and the May 4, 1979 flood event, which was the previous flood of record before the May 2010 flood event. Detailed additional information about each historic flood event can be found in the USACE Report, "Mill Creek Watershed, Flood Insurance Update" (USACE 2012d).
Richland Creek Watershed	Floods have occurred on Richland Creek during all seasons, but they are more prevalent in winter or early spring. The small size and steep slopes of the stream basin make them susceptible to flash flooding. All flooding on the stream is of relatively short duration, generally several hours. There is a USGS gaging station on Richland Creek, located at Charlotte Pike (drainage area 24.3 square miles). Prior to May 2010, the maximum known flood occurred in September 1979. National Weather Service records show that on 13 September 1979, 5.17 inches of rain fell at the Nashville Airport in a 6-hour period and 6.37 inches in a 12-hour period. These were the greatest amounts of rainfall recorded in any 6-hour and 12-hour period. The reported peak stage and discharge for the September 1979 event were 15.1 feet and 9,470 cfs, respectively. The May 2010 flood is the flood of record along Richland Creek and its tributaries within Davidson County. On Saturday, May 1, 2010, heavy rain began falling in the Cumberland River Valley, Tennessee, and continued through the following day. 14.47 inches of rainfall was measured at the Metro West Park SCADA rainfall gage. The daily rainfall totals were 6.40 inches and 8.07 inches on May 1 and May 2, respectively. The maximum 12-hour rainfall totals were 5.37 inches and 8.01 inches on May 1 and May 2, respectively. This intensity of rainfall quickly overwhelmed tributaries to the Cumberland in the Nashville area, causing wide-spread and serious flooding. Twenty-six people died and over 2 billion dollars in damage occurred as a result of the flood. The reported Charlotte Avenue peak stage and discharge for the May 2010 event were 20.0 feet and 16,900 cfs, respectively (USACE 2012e).
Stoners Creek Watershed	The May 2010 event is the flood of record along Stoners Creek within Davidson County. On Saturday, May 1, 2010, heavy rain began falling in the Cumberland River Valley, Tennessee, and continued through the following day. 11.53 inches of rainfall was measured at the McCrory Creek Pump Station Metro rain gage (RG09). The daily rainfall totals were 5.03 inches and 6.50 inches on May 1 and May 2, respectively. 13.22 inches of rainfall was measured at the Woodlake Sewer Pump Station Metro rain gage (RG20). The daily rainfall totals were 4.67 inches and 8.55 inches on May 1 and May 2, respectively. This intensity of rainfall quickly overwhelmed tributaries to the Cumberland in the Nashville area, causing widespread and serious flooding. In total, twenty-six people died and over two billion dollars in damage occurred as a result of the flood. Stream gage records were not available for this event; however, the USACE and MWS collected high water marks for this event throughout the basin (USACE 2014b).

Table 5: Principal Flood Problems (continued)

Flooding Source	Description of Flood Problems
Whites Creek Watershed	Floods have occurred on Whites Creek and its tributaries during all seasons of the year. The basin is vulnerable to floods resulting from both frontal systems typically during winter and early spring, and intense thunderstorms typically during summer and fall. All flooding on the stream is of relatively short duration, generally several hours along smaller tributaries and up to 6 to 12 hours along Whites Creek. Historically, water levels were maintained at multiple locations along Whites Creek, Ewing Creek, Earthman Fork, Claylick Creek, and Cummings Branch. Prior to May 2010, large floods have occurred in the Whites Creek basin in April 1970, April 1973, March 1975, and September 1979. The majority of flooding occurs in residential neighborhoods located along Whites Creek main stem from Knight Road to Clarksville Pike and along Ewing Creek from Whites Creek Pike to Dickerson Pike. Approximately 600 homes are expected to be affected by the 100-year flood event with half of them suffering inundation of their first floor living space. The May 2010 flood is the flood of record along Whites Creek and its tributaries within Davidson County. On Saturday, May 1, 2010, heavy rain began falling in the Cumberland River Valley, Tennessee, and continued through the following day. 13.08 inches of rainfall was measured at the Metro Brick Church Lane SCADA rainfall gage. The daily rainfall totals were 5.95 inches and 7.13 inches on May 01 and May 02, respectively. The maximum 12- hour rainfall totals were 4.29 inches and 7.10 inches on May 1 and May 2, respectively. This intensity of rainfall quickly overwhelmed tributaries to the Cumberland in the Nashville area, causing wide-spread and serious flooding. Twenty-six people died and over 2 billion dollars in damage occurred as a result of the flood. The reported Whites Creek at Bordeaux gage peak stage and discharge for the May 2010 event were 25.6 feet and 21,600 cfs, respectively (USACE 2012f).

Table 6 contains information about historic flood elevations in the communities within Davidson County.

Table 6: Historic Flooding Elevations

Flooding Source	Location	Historic Peak / Discharge	Event Date	Approximate Recurrence Interval (years)	Source of Data
Browns Creek	At USGS Gage ID 03431300, Browns Creek at State Fairgrounds At Nashville, TN	11.13 feet (NGVD29) / 4,810 cfs	08/31/2017	N/A	USGS Various
Browns Creek	At USGS Gage ID 03431300, Browns Creek at State Fairgrounds At Nashville, TN	13.44 feet (NGVD29) / 8,540 cfs	05/02/2010	N/A	USGS Various
Browns Creek	At USGS Gage ID 03431300, Browns Creek at State Fairgrounds At Nashville, TN	8.40 feet (NGVD29) / 2,600 cfs	05/02/1993	N/A	USGS Various
Browns Creek	At USGS Gage ID 03431300, Browns Creek at State Fairgrounds At Nashville, TN	N/A	09/01/1979	N/A	USGS Various
Browns Creek	At USGS Gage ID 03431300, Browns Creek at State Fairgrounds At Nashville, TN	7.77 feet (NGVD29) / 1,910 cfs	03/29/1975	N/A	USGS Various

Table 6: Historic Flooding Elevations (continued)

Flooding Source	Location	Historic Peak / Discharge	Event Date	Approximate Recurrence Interval (years)	Source of Data
Cumberland River	At USGS Gage ID 03431500, Cumberland River At Nashville, TN	52.55 feet (NAVD88) / 188,000 cfs	05/03/2010	N/A	USGS Various
Dry Creek	At USGS Gage ID 03426470, Dry Creek Near Edenwold, TN	13.87 feet (NAVD88)	05/02/2010	N/A	USGS Various
Harpeth River	At USGS Gage ID 03432350, Harpeth River At Franklin, Tennessee	35.32 feet (NGVD29) / 19,200 cfs	05/02/2010	N/A	USGS Various
Harpeth River	At USGS Gage ID 03432350, Harpeth River At Franklin, Tennessee	33.65 feet (NGVD29) / 17,400 cfs	03/13/1975	50	USGS 1976
Mill Creek	At USGS Gage ID 03431060, Mill Creek at Thompson Lane Near Woodbine, TN	21.77 feet (NGVD29) / 29,900 cfs	05/01/2010	N/A	USGS Various
Mill Creek	At USGS Gage ID 03431060, Mill Creek at Thompson Lane Near Woodbine, TN	20.63 feet (NGVD29) 26,200 cfs	05/04/1979	N/A	USGS Various
Mill Creek	At USGS Gage ID 03431000, Mill Creek Near Antioch, TN	26.00 feet (NAVD88)	05/01/2010	N/A	USGS Various
Mill Creek	At USGS Gage ID 03431000, Mill Creek Near Antioch, TN	23.78 feet (NAVD88) / 30,100 cfs	05/04/1979	N/A	USGS Various
Mill Creek	At USGS Gage ID 03431000, Mill Creek Near Antioch, TN	19.15 feet (NAVD88) / 15,600 cfs	06/17/1960	N/A	USGS Various
Mill Creek	At USGS Gage ID 03431000, Mill Creek Near Antioch, TN	19.73 feet (NAVD88) / 17,000 cfs	03/21/1955	N/A	USGS Various
Richland Creek	At USGS Gage ID 03431700, Richland Creek at Charlotte Avenue at Nashville, TN	19.99 feet (NAVD88) / 16,900 cfs	05/02/2010	N/A	USGS Various
Richland Creek	USGS Gage ID 03431700, Richland Creek at Charlotte Avenue at Nashville, TN	15.13 feet (NAVD88) / 9,470 cfs	09/13/1979	N/A	USGS Various
Whites Creek	At USGS Gage ID 03431599, Whites Creek Near Bordeaux, TN	25.59 feet (NAVD88) / 14,700 cfs	05/02/2010	N/A	USGS Various
Whites Creek	At USGS Gage ID 03431599, Whites Creek Near Bordeaux, TN	19.18 feet (NAVD88) / 11,000 cfs	03/17/2002	N/A	USGS Various

4.3 Dams and Other Flood Hazard Reduction Measures

Table 7 contains information about non-levee flood protection measures within Davidson County such as dams, jetties, and or dikes. Levees are addressed in Section 4.4 of this FIS Report.

Table 7: Dams and Other Flood Hazard Reduction Measures

Flooding Source	Structure Name	Type of Measure	Location	Description of Measure
Stones River	J. Percy Priest Dam and Reservoir	Dam / Reservoir	Mile 6.8 on Stones River / Davidson, Rutherford, Wilson Counties, Tennessee	The J. Percy Priest Dam and Reservoir is located in the Cumberland River Basin on the Stones River in Davidson, Wilson, and Rutherford Counties, and controls runoff from a drainage area of 892 square miles. Operation of J. Percy Priest Dam and Reservoir, Center Hill and Dale Hollow Lakes, Wolf Creek Dam, and Lake Cumberland during floods through June 1975 resulted in reductions of as much as 13.6 feet in maximum stages in Nashville (FIS 2017).
Cumberland River	Wolf Creek Dam on Lake Cumberland	Dam / Reservoir	Wayne, Russell, Pulaski, Clinton, McCreary, Laurel, and Whitley Counties, Kentucky	Wolf Creek Dam, on Lake Cumberland, is located on the Cumberland River in Wayne, Russell, Pulaski, Clinton, McCreary, Laurel, and Whitley Counties, Kentucky. Its primary purpose is flood control and it controls runoff from a drainage area of 5,789 square miles. At the maximum controlled level the pool covers an area of 63,530 acres and extends 101 miles upstream from the dam to the vicinity of Cumberland Falls (FIS 2010; FIS 2017).
Obey River	Dale Hollow Dam and Lake	Dam / Reservoir	Approximately 7.3 miles above mouth at Celina, Tennessee	Dale Hollow Dam and Lake is in the Cumberland River Basin on the Obey River, approximately 7.3 miles above its mouth at Celina, Tennessee. The lake covers parts of Clay, Pickett, Overton, and Fentress Counties in Tennessee, and Clinton and Cumberland Counties in Kentucky. It controls the runoff from a drainage area of approximately 935 square miles. Above the spillway crest to the gates, a storage capacity of 35,300 acre-feet is available for retention of flood flows (FIS 2017).
Caney Fork River	Center Hill Dam and Lake	Dam / Reservoir	DeKalb, Putnam, White, and Warren Counties, Tennessee	Center Hill Dam and Lake is located in the Cumberland River Basin, on the Caney Fork River, and covers parts of DeKalb, Putnam, White, and Warren Counties. It controls the runoff from a drainage area of approximately 2,174 square miles. From the spillway crest to the top of the gates, a storage capacity of 762,000 acre-feet is normally held empty for temporary retention of flood flows (USACE 2017).
Cumberland River	Old Hickory Dam and Reservoir	Dam / Reservoir	Davidson and Sumner Counties, Tennessee	Old Hickory Dam is located on the Cumberland River in Davidson and Sumner Counties. However this project has no storage capacity for flood control and does not reduce peak flood flows downstream (USACE 1979; FIS 2017).

4.4 Levee Systems

For purposes of the NFIP, FEMA only recognizes levee systems that meet, and continue to meet, minimum design, operation, and maintenance standards that are consistent with comprehensive floodplain management criteria. The Code of Federal Regulations, Title 44, Section 65.10 (44 CFR 65.10) describes the information needed for FEMA to determine if a levee system reduces the risk from the 1-percent-annual-chance flood. This information must be supplied to FEMA by the community or other party when a flood risk study or restudy is conducted, when FIRMs are revised, or upon FEMA request. FEMA reviews the information for the purpose of establishing the appropriate FIRM flood zone.

Levee systems that are determined to reduce the hazard from the 1-percent-annual-chance flood are accredited by FEMA. FEMA can also grant provisional accreditation to a levee system that was previously accredited on an effective FIRM and for which FEMA is awaiting data and/or documentation to demonstrate compliance with 44 CFR 65.10. These levee systems are referred to as Provisionally Accredited Levees, or PALs. Provisional accreditation provides communities and levee owners with a specified timeframe to obtain the necessary data to confirm the levee system's accreditation status. Accredited levee systems and PALs are shown on the FIRM using the symbology shown in Figure 3. If the required information for a PAL is not submitted within the required timeframe, or if information indicates that a levee system no longer meets 44 CFR 65.10, FEMA will consider the levee system as non-accredited and issue an effective FIRM showing the levee-impacted area as a SFHA or Zone D.

FEMA coordinated with the USACE, the local communities, and other organizations to compile a list of levee systems that exist within Davidson County. Table 8, "Levee Systems," lists all accredited levee systems, PALs, and non-accredited levee systems shown on the FIRM for this FIS Report. Other categories of levees may also be included in the table. The Levee ID shown in this table may not match numbers based on other identification systems that were listed in previous FIS Reports. Levee systems identified in the table are displayed on the FIRM with notes to users to indicate their flood hazard mapping status.

Please note that the information presented in Table 8 is subject to change at any time. For that reason, the latest information regarding the levee systems presented in the table may be obtained by accessing the National Levee Database. For additional information, contact the levee owner/sponsor or the local community shown in Table 30.

The following was originally published in the FIS 2017.

Metro Center Levee

The *Metro Center Levee Operations, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R) Manual*, published by the United States Army Corps of Engineers (USACE) Nashville District and dated April 2013, contains the following overview.

The Metro Center Levee provides flood damage reduction and recreation features along a 3-mile section of the Cumberland River. The levee protects an approximate 1000-acre business community with a value of approximately $650 Million based on a 1997 valuation.

The Federal Government's participation in the levee's structural improvements from 2001 to 2003 consisted of:

- Increasing the height of the existing levee to provide flood protection up to the Standard Project Flood level (approximately the 0.2% annual-chance flood, as modeled in 1994).
- Removing harmful trees and vegetation from the levee embankment near the levee's toe.
- Repairing the riverbank with stone protection.
- Adding a secondary sluice gate in the gatewell of the existing interior drainage system.
- The removal of trees from the levee resulted in wildlife habitat loss and required mitigation that was completed prior to tree removal.
- Mitigation on the river side of the levee consisted of planting warm season grasses and installation of a bat boxes. Mitigation on the land side of the levee consisted of planting trees and placing nesting boxes along the interior lake and drainage canal system.

The Federal Government's participation in the levee's structural improvements from 2011 to 2012 consisted of:

- Removing harmful trees and vegetation from the levee embankment within 15 feet of the levee's toe subject to existing easements.
- Repair of turf grass installed on the land side of the levee.
- Re-grading, tilling, and replanting the mixture of native warm season grasses and wildflowers (no Kentucky 31 fescue) installed on the river side of the levee.
- Repairing slope damage and surface slides along the landside of the levee embankment.
- Upgrading the existing stone protection at the old Lock 1 site to make it consistent with the stone protection along the rest of the levee.

- Performed a levee shift between stations 112 and 114.

- Constructing a section of levee near the I-65 inland bridge to close a gap in flood protection.

- Replacing pervious material and filling the railroad closure structure with an impervious clay.

- Repairing the subgrade of the greenway trail with a soil-cement base material and repaving the greenway trail.

The Federal Government also stabilized the land side toe of the levee between stations 112 and 114 with a gabion retaining wall. The contract was awarded during March 2013 and construction was completed in May 2013.

Non-Federal improvements to the existing pump station are being performed in 2012-2013 under the direction of Metro Water Services, and OMRR&R related to the new pump station features are outside the scope of this Manual. The improvements consist of replacing the existing two 1973 pumps with newer electrical pumps, installing another pump house with two additional electrical pumps, and installing a backup power source.

The Federal Government's participation in the levee's recreational improvements from 2001 to 2004 consisted of:

- New side trails between the levee and the river.

- Trail head parking and plazas at both ends of the levee.

- A pavilion and several shade structures to compensate for the tree removal.

- Other public conveniences like stairs and ramps, trail head markers, benches, drinking fountains, waste receptacles and landscaping.

The Metro Center Levee improvements constructed by the Nashville Corps of Engineers between 2001 and 2003 were designed to provide the following protection from flooding of the protected area by the Cumberland River: 99% chance of protection for events up to the 100-year flood, 80% chance of protection for events up to the 0.4% annual-chance flood, and 76% chance of protection for events up to the 0.2% annual-chance flood. The stage at which the Sponsor should begin hourly monitoring of flood heights at the Shelby Street or Riverfront Park gages is 49.0 feet, which has about a 0.8% percent chance of occurring in any given year.

Opryland Levee

The Opryland levee on the Cumberland River located approximately 2.1 miles downstream of Briley Parkway meets the FEMA requirements of having a minimum of 3 feet of freeboard above the 1-percent-annual-chance flood to be considered a safe flood protection structure.

The *Operation and Maintenance Plan for the Opryland Levee System Nashville, Tennessee*, published by the Barge, Waggoner, Sumner, and Cannon, Inc. and dated May 2012, contains the following overview.

In accordance with the Jurisdictional Agreement dated 12 June 2003, by and between the Metro Government of Nashville and Davidson County, Opryland Attractions, Inc., OLH G.P., and Opry Mills Operating Company, L.L.C., the Metropolitan Government of Nashville and Davidson County assumes jurisdiction and responsibility for the operation and maintenance of the 100 year Opryland Levee System.

To the extent permissible by FEMA, the Metropolitan Government of Nashville and Davidson County will delegate this responsibility to the other parties to the Jurisdiction Agreement dated 12 June 2003.

The Opryland Levee System consists of four (4) separate levees. The first of these levees protects the Gaylord Opryland Resort Hotel & Convention Center Maintenance Complex (Lower 40). The second protects the Gaylord Opryland Resort Hotel & Convention Center and that part of Opry Mills Shopping Center which is below elevation 422 (Hotel & Mall). The protection level for these segments is to the base flood elevation or 1% annual-chance flood. The third levee protects the Opryland Resort Hotel & Convention Center to the 0.2% annual-chance flood. The fourth protects the Opry House to the 0.2% annual-chance year level.

The Lower 40 levee is generally triangular in shape and encloses the entire Lower 40 area without tying to high ground. The area is accessible through the Hotel & Mall protection via a bridge located on the south side of the Lower 40 levee. The levee is about 4,000 feet long.

The Hotel/Mall 100 year levee is generally in a U shape starting at high ground on the southeast end of the Convention Center next to Briley Parkway running south then westward then north parallel to the Cumberland River to an unnamed tributary, then in an easterly and north easterly direction tying to high ground northwest of the Hotel. The Hotel entrance drive off McGavock Pike near Briley Parkway provides access to the site. The levee is about 8,000 feet long.

The protection for the two previously described areas consists of two types of levee: earthen berm with concrete wall and a concrete wall on a graded foundation. There are four road closures and numerous other closures that are activated at varying stages of river flooding.

The Opryland Resort Hotel & Convention Center 0.2% year annual-chance flood levee is generally in a U shape starting at high ground near the magnolia entrance running west along the drainage channel then south behind the call center building then across the Lower 40 bridge continuing south along the Cumberland River and turns eastward near PS3B towards Briley Parkway then running north tying into the concrete wall along the Ryman C loading dock.

The Opry House 0.2% year annual-chance flood levee surrounds the call center building.

The J. Percy Priest Dam and Reservoir is located in the Cumberland River Basin on the Stones River in Davidson, Wilson, and Rutherford Counties, and controls runoff from a drainage area of 892 square miles. Operation of J. Percy Priest Dam and Reservoir, Center Hill and Dale Hollow Lakes, Wolf Creek Dam, and Lake Cumberland during floods through June 1975 resulted in reductions of as much as 13.6 feet in maximum stages in Nashville. Estimates of damages prevented by these projects are: (1) J. Percy Priest - $35 million, (2) Center Hill - $46.3 million, (3) Dale Hollow - $31.2 million, and Wolf Creek Dam - $129.9 thousand.

Old Hickory Dam is located on the Cumberland River in Davidson and Sumner Counties. However, this project has no flood control storage and does not reduce peak flood flows downstream (FIS 2010; FIS 2017).

Table 8: Levee Systems

Community	Flooding Source	NLD Levee System ID	NLD Levee System Name	Levee System Status on Effective FIRM	FIRM Panel(s)	Levee Owner(s) / Sponsor(s)
Metropolitan Government of Nashville and Davidson County	Cumberland River	1405000010	Cumberland River Levee	Accredited	47037C0254H	Locally Constructed, Operated, and Maintained
Metropolitan Government of Nashville and Davidson County	Cumberland River	4205000011	Nashville, TN - Metro Center	Accredited	47037C0229H 47037C0233H	Locally Constructed, Operated, and Maintained
Metropolitan Government of Nashville and Davidson County	Cumberland River	1405000013	Opryland Levee	Accredited	47037C0254H	Locally Constructed, Operated, and Maintained

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

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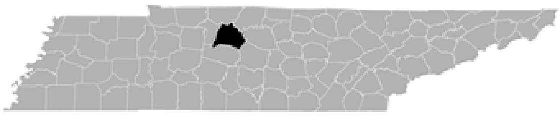

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

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Version Number 2.6.3.0

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Exhibit 1

Published Separately

SECTION 5.0 – ENGINEERING METHODS

For the flooding sources in the community, 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 at least once on the average during any 10-, 25-, 50-, 100-, or 500-year period (recurrence interval) have been selected as having special significance for floodplain management and for flood insurance rates. These events, commonly termed the 10-, 25-, 50-, 100-, and 500-year floods, have a 10-, 4-, 2-, 1-, and 0.2-percent-annual-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 100-year flood (1-percent chance of annual exceedance) during the term of a 30-year mortgage is approximately 26 percent (about 3 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.

5.1 Hydrologic Analyses

Hydrologic analyses were carried out to establish the peak elevation-frequency relationships for floods of the selected recurrence intervals for each flooding source studied. Hydrologic analyses are typically performed at the watershed level. Depending on factors such as watershed size and shape, land use and urbanization, and natural or man-made storage, various models or methodologies may be applied. A summary of the hydrologic methods applied to develop the discharges used in the hydraulic analyses for each stream is provided in Table 12. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation.

A summary of discharges is provided in Table 9. A summary of stillwater elevations developed for non-coastal flooding sources is provided in Table 10. Stream gage information is provided in Table 11.

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Apple Valley Branch	Approximately 280 feet upstream of Star Boulevard	1.49	1,107	1,617	1,973	2,314	3,014
Apple Valley Branch	Approximately 190 feet upstream of Hamblen Drive	1.01	797	1,158	1,416	1,660	2,126
Apple Valley Branch	Approximately 900 feet upstream of Star Boulevard	0.74	602	885	1,070	1,251	1,600
Apple Valley Branch	Approximately 230 feet upstream of East Campbell Road	0.40	358	526	639	740	936
Bakers Fork	At the confluence with Walkers Creek	6.20	2,775	3,420	3,875	4,335	5,465
Bakers Fork	At the confluence of Bakers Fork Tributary	3.40	1,655	2,035	2,300	2,570	3,235
Bakers Fork	Approximately 400 feet downstream of Freeman Hollow Road	2.00	960	1,180	1,335	1,490	1,875
Bakers Fork	Approximately 1.35 miles upstream of Freeman Hollow Road	1.30	575	705	795	890	1,120
Bakers Fork Tributary	At the confluence with Bakers Fork	2.30	910	965	1,275	1,430	1,810
Bakers Fork Tributary	Approximately 2,040 feet upstream of Old Springfield Pike	1.15	455	483	638	715	905
Barrywood Branch	At the confluence with Sevenmile Creek	3.11	2,256	2,706	3,041	3,389	4,206
Barrywood Branch	Approximately 1,170 feet upstream of the confluence with Sevenmile Creek	3.04	2,209	2,646	2,974	3,312	4,116

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Barrywood Branch	Approximately 440 feet downstream of Marchant Drive	2.52	1,871	2,239	2,514	2,799	3,478
Barrywood Branch	Approximately 425 feet downstream of Barrywood Drive	1.60	1,150	1,377	1,546	1,721	2,136
Barrywood Branch	Approximately 875 feet upstream of Trousdale Road	0.81	600	720	808	899	1,112
Bear Hollow Branch	At a the confluence with Earthman Fork	2.07	1,000	1,270	1,470	1,670	2,140
Bear Hollow Branch	Approximately 300 feet upstream of the confluence with Earthman Fork	1.14	600	770	890	1,020	1,310
Bear Hollow Branch	Approximately 560 feet upstream of the confluence with Earthman Fork	0.85	510	650	760	860	1,110
Bear Hollow Branch	Approximately 1,300 feet upstream of the confluence with Earthman Fork	0.74	460	590	690	780	1,010
Bear Hollow Branch	Approximately 3,150 feet upstream of the confluence with Earthman Fork	0.64	410	530	610	700	900
Belle Meade Branch	At the confluence with Richland Creek	1.28	985	*	*	1,780	*
Belle Meade Branch	Approximately 270 feet downstream of Warner Place	1.03	967	*	*	1,680	*
Belle Meade Branch	Approximately 375 feet downstream of Warner Place	1.12	625	*	928	1,057	1,410

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Belle Meade Branch	Approximately 360 feet downstream of Lynnwood Boulevard	1.03	587	*	873	994	1,320
Belle Meade Branch	Approximately 725 feet upstream of Harding Place	0.75	460	*	687	783	1,084
Belle Meade Branch	Approximately 300 feet upstream of Estes Road	0.52	366	*	535	618	863
Belle Meade Branch	Approximately 225 feet upstream of Odell Court	0.39	282	*	425	485	646
Belle Meade Branch	Approximately 330 feet upstream of Harding Place	0.33	246	*	371	424	549
Belle Meade Branch	Approximately 250 feet upstream of Harding Hill Lane	0.30	229	*	346	396	513
Brentwood Branch	At the confluence with Sevenmile Creek	2.78	1,701	2,015	2,284	2,565	3,226
Brentwood Branch	Approximately 565 feet upstream of San Marcos Drive	2.55	1,595	1,909	2,165	2,426	3,046
Brentwood Branch	Approximately 290 feet upstream of Stone Box Lane	1.81	1,163	1,398	1,580	1,765	2,212
Browns Creek	Approximately 2,240 feet upstream of the confluence with Cumberland River	15.89	6,960	8,234	9,108	9,993	11,917
Browns Creek	Approximately 1,030 feet upstream of Interstae Highway 440	15.06	6,727	7,922	8,757	9,600	11,402
Browns Creek	Approximately 2,120 feet upstream of Murfreesboro Pike	13.75	6,295	7,397	8,180	8,967	10,545

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Browns Creek	At USGS Gage ID 03431340 at Factory Street	13.20	6,087	7,146	7,903	8,656	10,128
Browns Creek	Approximately 155 feet upstream of Nolensville Pike	12.78	5,954	6,974	7,713	8,447	9,838
Browns Creek	At USGS Gage ID 03431300 at Fairgrounds	11.76	5,585	6,524	7,213	7,889	9,091
Browns Creek	Approximately 1,510 feet upstream of Craighead Street	10.81	5,196	6,057	6,695	7,309	8,329
Browns Creek	Approximately 100 feet downstream of Interstate Highway 65	7.92	3,952	4,505	4,957	5,325	5,849
Browns Creek	Just upstream of Interstate Highway 440	6.75	3,410	3,898	4,295	4,565	5,011
Browns Creek	Approximately 230 feet upstream of Interstate Highway 440	6.75	3,410	3,898	4,295	4,565	5,011
Buffalo Creek	At the confluence with Harpeth River	5.70	1,520	1,970	2,320	2,680	3,570
Buffalo Creek	Approximately 230 feet upstream of the confluence with Harpeth River	5.06	1,400	1,810	2,140	2,470	3,280
Buffalo Creek	Approximately 210 feet downstream of Newsom Station Road	2.29	800	1,040	1,220	1,410	1,880
Buffalo Creek	Approximately 1,160 feet downstream of U.S. Highway 70	1.96	710	930	1,090	1,260	1,690
Buffalo Creek	Approximately 350 feet upstream of U.S. Highway 70	1.55	610	790	930	1,080	1,440

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Buffalo Creek	Approximately 2,560 feet upstream of U.S. Highway 70	1.30	540	700	820	950	1,270
Buffalo Creek	Approximately 4,335 feet upstream of U.S. Highway 70	1.04	460	590	700	810	1,090
Buffalo Creek	Approximately 5,050 feet upstream of U.S. Highway 70	0.80	380	500	580	680	900
Buffalo Creek	Approximately 1.01 miles upstream of U.S. Highway 70	0.70	350	450	530	620	820
Buffalo Creek	Approximately 1.27 miles upstream of U.S. Highway 70	0.59	310	400	470	550	730
Buffalo Creek	Approximately 1.37 miles upstream of U.S. Highway 70	0.47	260	340	400	470	620
Bull Run	At the confluence with Cumberland River[1]	5.80	3,935	5,340	6,495	7,260	9,305
Bull Run	Approximately 3,360 feet upstream of the confluence with Cumberland River[1]	4.60	3,800	5,060	6,065	6,780	8,550
Bull Run	Approximately 700 feet downstream of Bull Run Road	4.37	3,800	5,060	6,025	6,715	8,435
Bull Run	Approximately 100 feet upstream of Bull Run Road	3.88	3,775	5,005	5,920	6,565	8,240
Bull Run	Approximately 1.12 miles downstream of Pine Valley Road	3.22	3,640	4,820	5,645	6,190	7,565

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Bull Run	Approximately 2,250 feet downstream of Pine Valley Road	2.68	3,405	4,385	5,035	5,485	6,680
Bull Run	Approximately 130 feet downstream of Pine Valley Road	2.03	2,845	3,540	4,065	4,435	5,375
Bull Run	Approximately 3,990 feet upstream of Pine Valley Road	1.74	2,435	3,070	3,565	3,875	4,695
Bull Run	Approximately 1.12 miles downstream of Bull Run Road	1.32	1,895	2,445	2,810	3,050	3,680
Bull Run	Approximately 2,300 feet downstream of Bull Run Road	0.84	1,275	1,645	1,880	2,055	2,465
Bull Run	Approximately 80 feet downstream of Bull Run Road	0.41	625	795	905	990	1,195
Carney Creek	At the confluence with Dry Fork Creek	0.88	520	670	780	890	1,140
Carney Creek	Approximately 180 feet upstream of Dry Fork Road	0.80	490	620	730	830	1,060
Carney Creek	Approximately 1,480 feet upstream of Dry Fork Road	0.69	440	560	650	740	960
Carney Creek	Approximately 200 feet downstream of Stenberg Road	0.44	310	400	470	530	690
Claylick Creek	At the confluence with Whites Creek	4.23	1,720	2,170	2,510	2,850	3,630

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Claylick Creek	Approximately 600 feet upstream of the confluence with Whites Creek	3.79	1,590	2,000	2,310	2,630	3,350
Claylick Creek	Approximately 3,950 feet upstream of Lickton Pike	3.32	1,440	1,820	2,100	2,380	3,040
Claylick Creek	Approximately 2,540 feet downstream of Interstate Highway 24	2.91	1,300	1,640	1,900	2,160	2,750
Claylick Creek	Approximately 420 feet downstream of Interstate Highway 24	2.53	1,170	1,480	1,710	1,950	2,490
Claylick Creek	Approximately 490 feet downstream of Clay Lick Road	2.08	1,010	1,280	1,480	1,680	2,150
Claylick Creek	Approximately 765 feet upstream of Clay Lick Road	0.99	570	730	850	970	1,250
Claylick Creek	Approximately 1,860 feet upstream of Clay Lick Road	0.86	520	660	770	870	1,120
Claylick Creek Overflow	At the confluence with Claylick Creek	**	107	228	329	457	910
Collins Creek	At the confluence with Mill Creek	4.50	3,475	4,151	4,685	5,240	6,621
Collins Creek	Approximately 460 feet downstream of Cane Ridge Road	3.56	2,739	3,276	3,696	4,136	5,225
Collins Creek	Approximately 600 feet downstream of Interstate Highway 24	2.51	1,991	2,377	2,683	3,000	3,789
Cooper Creek	At the confluence with Cumberland River	3.81	3,090	3,620	4,035	4,440	5,395

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cooper Creek	Approximately 2,800 feet upstream the confluence with Cumberland River	3.76	3,055	3,580	3,990	4,385	5,330
Cooper Creek	Approximately 1.02 miles upstream the confluence with Cumberland River	3.22	2,680	3,125	3,475	3,810	4,580
Cooper Creek	Approximately 2,900 feet downstream of Ravenwood Drive	3.01	2,560	2,975	3,305	3,615	4,330
Cooper Creek	Approximately 700 feet downstream of Ravenwood Drive	2.76	2,390	2,770	3,070	3,355	4,000
Cooper Creek	Approximately 500 feet downstream of Ravenwood Drive	2.67	2,340	2,710	3,005	3,275	3,895
Cooper Creek	Approximately 780 feet upstream of Ravenwood Drive	2.55	2,260	2,610	2,895	3,150	3,730
Cooper Creek	At the confluence of Cooper Creek Tributary 1	1.42	1,250	1,425	1,555	1,665	1,925
Cooper Creek	Approximately 450 feet upstream of McGavock Pike	1.32	1,175	1,335	1,455	1,560	1,800
Cooper Creek	Approximately 175 feet downstream of Sunnymeade Drive	1.23	1,100	1,250	1,365	1,465	1,690
Cooper Creek	Approximately 100 feet upstream of Kennedy Avenue	1.23	1,110	1,270	1,390	1,515	1,810
Cooper Creek	Approximately 300 feet upstream of Kennedy Avenue	1.00	915	1,040	1,135	1,235	1,460

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cooper Creek	Approximately 530 feet upstream of Ardee Avenue	0.90	810	920	1,005	1,090	1,265
Cooper Creek	Approximately 460 feet downstream of Gallatin Pike	0.67	595	675	740	805	890
Cooper Creek	Approximately 525 feet upstream of Gallatin Pike	0.67	640	740	815	880	1,050
Cooper Creek	Approximately 200 feet downstream of Virginia Avenue	0.40	435	495	535	575	665
Cooper Creek	Approximately 100 feet upstream of Burrus Street	0.18	225	245	260	275	305
Cooper Creek	Approximately 100 feet upstream of the Railroad	0.18	255	295	325	355	430
Cooper Creek	Approximately 430 feet upstream of Saunders Avenue	0.07	100	115	130	140	170
Cooper Creek Tributary 1	At the confluence with Cooper Creek	1.14	1,025	1,210	1,370	1,520	1,875
Cooper Creek Tributary 1	Approximately 300 feet upstream of Fernwood Avenue	1.07	965	1,135	1,290	1,430	1,760
Cooper Creek Tributary 1	Approximately 100 feet upstream of the confluence of Cooper Creek Tributary 2	0.28	285	320	385	445	570
Cooper Creek Tributary 1	Approximately 1,600 feet downstream of Berrywood Road	0.22	215	250	300	350	450
Cooper Creek Tributary 1	Approximately 350 feet downstream of Geneiva Drive	0.15	145	175	215	250	320

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cooper Creek Tributary 1	Just upstream of Branch Street	0.15	190	220	245	270	325
Cooper Creek Tributary 1	Approximately 100 feet upstream of Branch Street	0.05	75	85	95	105	125
Cooper Creek Tributary 2	At the confluence with Cooper Creek Tributary 1	0.79	695	820	915	1,010	1,240
Cooper Creek Tributary 2	Approximately 1,070 feet downstream of Riverside Drive	0.64	575	675	755	830	1,020
Cooper Creek Tributary 2	Approximately 100 feet downstream of Kirkland Avenue	0.44	390	460	510	565	695
Cooper Creek Tributary 2	Approximately 825 feet upstream of Kirkland Avenue	0.31	250	300	335	365	450
Crocker Springs Branch	At the confluence with Whites Creek	1.91	940	1,200	1,390	1,580	2,020
Crocker Springs Branch	Approximately 250 feet upstream of Lickton Pike	1.69	860	1,090	1,270	1,440	1,850
Crocker Springs Branch	Approximately 1,770 feet upstream of Crocker Springs Road	1.40	750	950	1,100	1,260	1,610
Crocker Springs Branch	At the confluence of Crocker Springs Branch Tributary	0.75	470	600	700	790	1,020
Crocker Springs Branch	Approximately 130 feet upstream of Crocker Springs Road	0.65	420	540	630	710	920
Crocker Springs Branch	Approximately 885 feet upstream of Crocker Springs Road	0.56	370	480	560	640	820

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Crocker Springs Branch Tributary	At the confluence with Crocker Springs Branch	0.60	390	500	590	670	860
Crocker Springs Branch Tributary	Approximately 380 feet upstream of the confluence with Crocker Springs Branch	0.57	380	490	570	650	840
Crocker Springs Branch Tributary	Approximately 950 feet upstream of the confluence with Crocker Springs Branch	0.40	290	380	440	500	640
Crocker Springs Branch Tributary	Approximately 1,850 feet upstream of the confluence with Crocker Springs Branch	0.23	190	250	290	330	430
Cub Creek	At the confluence with Cumberland River	2.39	2,685	3,575	4,230	4,695	5,850
Cub Creek	Approximately 1.00 mile upstream of the confluence with Cumberland River	2.06	2,605	3,375	3,930	4,375	5,380
Cub Creek	Approximately 450 feet upstream of River Road Pike	1.84	2,475	3,195	3,695	4,100	5,015
Cub Creek	Approximately 1,870 feet upstream of Private Drive	1.03	1,605	2,010	2,305	2,530	3,060
Cub Creek	Approximately 1,340 feet downstream of Private Drive	0.61	965	1,225	1,395	1,530	1,840
Cub Creek	Approximately 375 feet downstream of Private Drive	0.23	365	460	530	580	695
Cumberland River	At the confluence of Harpeth River	12,691.4	115,000	128,000	140,000	155,000	190,000

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Cumberland River	At the confluence of Stones River	11,673.9	115,000	149,000	173,000	198,000	255,000
Cummings Branch	At the confluence with Whites Creek	2.34	1,100	1,400	1,620	1,840	2,350
Cummings Branch	Approximately 950 feet upstream of Shaw Road	2.05	1,000	1,270	1,470	1,670	2,130
Cummings Branch	Approximately 3,370 feet upstream of Shaw Road	1.58	820	1,040	1,210	1,370	1,760
Cummings Branch	Approximately 1.16 miles upstream of Shaw Road	1.30	710	900	1,050	1,190	1,530
Cummings Branch	Approximately 1.30 miles upstream of Shaw Road	0.87	520	670	770	880	1,130
Cummings Branch	Approximately 1.76 miles upstream of Shaw Road	0.56	380	480	560	640	820
Cummings Branch	Approximately 1.84 miles upstream of Shaw Road	0.42	300	390	450	520	670
Cummings Branch	Approximately 2.10 miles upstream of Shaw Road	0.29	230	290	340	390	500
Cummings Branch	Approximately 2.26 miles upstream of Shaw Road	0.17	150	200	230	260	340
Davidson Branch	At the confluence with Cumberland River	3.59	3,365	3,990	4,475	4,935	6,080
Davidson Branch	At the confluence of Ewin Branch	1.97	1,850	2,190	2,450	2,700	3,300
Davidson Branch	Approximately 200 feet upstream of the confluence of Ewin Branch	1.46	1,380	1,635	1,825	2,010	2,460
Davidson Branch	Approximately 475 feet downstream of U.S. Highway 70 / Charlotte Pike	1.45	1,365	1,615	1,800	1,985	2,430

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Davidson Branch	Approximately 200 feet upstream of U.S. Highway 70 / Charlotte Pike	1.39	1,305	1,540	1,720	1,900	2,325
Davidson Branch	Approximately 175 feet downstream of Davidson Drive	1.19	1,135	1,340	1,495	1,650	2,015
Davidson Branch	Approximately 1,050 feet upstream of Davidson Drive	1.07	1,020	1,205	1,345	1,480	1,810
Davidson Branch	Approximately 2,000 feet upstream of Davidson Drive	0.83	830	975	1,090	1,200	1,465
Davidson Branch	Approximately 3,600 feet upstream of Davidson Drive	0.67	665	785	875	960	1,175
Drakes Branch	At the confluence with Whites Creek	2.07	1,700	*	*	2,980	*
Drakes Branch	Approximately 180 feet upstream of West Hamilton Road	1.74	1,420	*	*	2,520	*
Drakes Branch	Approximately 650 feet upstream of West Hamilton Road	1.53	1,170	*	*	2,150	*
Drakes Branch	Approximately 670 feet downstream of Kings Lane	1.47	1,110	*	*	2,060	*
Drakes Branch	Approximately 380 feet downstream of Kings Lane	1.02	865	*	*	1,630	*
Drakes Branch	Approximately 2,500 feet upstream of Kings Lane	1.02	865	*	*	1,630	*
Dry Creek	At the confluence with Cumberland River	8.60	2,912	4,103	5,133	6,083	8,114
Dry Creek	Approximately 500 feet upstream of Myatt Drive	8.20	2,784	3,972	4,974	5,940	7,834

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Dry Creek	Just downstream of the Railroad	8.00	2,698	3,880	4,866	5,810	7,646
Dry Creek	Approximately 1,800 feet upstream of the Railroad	7.70	2,601	3,793	4,760	5,683	7,465
Dry Creek	Approximately 200 feet downstream of U.S. Highway 31E / Gallatin Pike	7.20	2,461	3,616	4,551	5,434	7,108
Dry Creek	Approximately 300 feet downstream of the Railroad	7.00	2,398	3,566	4,490	5,360	7,010
Dry Creek	Approximately 1,400 feet upstream of the Railroad	**	2,619	3,856	5,402	6,957	10,196
Dry Creek	Approximately 2,400 feet upstream of the Railroad	6.70	881	1,701	2,292	2,932	3,783
Dry Creek	Just upstream of Interstate Highway 65	3.30	1,017	1,545	1,932	2,328	3,221
Dry Creek	Approximately 200 feet downstream of Dry Creek Road	2.30	815	1,214	1,508	1,798	2,459
Dry Creek	Approximately 1,200 upstream of Old Dickerson Pike	1.40	654	967	1,194	1,419	1,925
Dry Fork	At the confluence with Stoners Creek	5.28	3,075	3,735	4,230	4,720	5,995
Dry Fork	At the Railroad	5.12	3,020	3,670	4,150	4,630	5,885
Dry Fork	Approximately 500 feet downstream of Andrew Jackson Parkway	4.88	2,920	3,555	4,010	4,480	5,685
Dry Fork	At the confluence of Dry Fork Tributary 1	2.71	1,925	2,310	2,580	2,850	3,575

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Dry Fork	Approximately 575 feet upstream of the confluence of Dry Fork Tributary 1	2.38	1,815	2,160	2,400	2,650	3,305
Dry Fork	Approximately 400 feet upstream of Tulip Grove Road	1.93	1,590	1,895	2,095	2,300	2,840
Dry Fork	Approximately 450 feet upstream of North New Hope Road	1.23	1,110	1,310	1,445	1,585	1,945
Dry Fork Creek	At the confluence with Whites Creek	4.48	1,840	*	*	3,410	*
Dry Fork Creek	Approximately 2,700 feet upstream of Drive Fork Road	3.98	1,760	*	*	3,410	*
Dry Fork Creek	Approximately 5,020 upstream of Drive Fork Road	3.63	1,620	*	*	3,190	*
Dry Fork Creek	Approximately 1.11 miles upstream of Drive Fork Road	3.61	1,610	*	*	3,170	*
Dry Fork Creek	Approximately 1.25 miles upstream of Drive Fork Road	3.13	1,520	*	*	2,980	*
Dry Fork Creek	Approximately 2,315 feet downstream of the confluence of Carney Creek	2.31	1,090	1,380	1,600	1,820	2,320
Dry Fork Creek	At the confluence of Carney Creek	1.29	700	890	1,040	1,180	1,510
Dry Fork Creek	Approximately 130 feet upstream of Drive Fork Road	0.47	330	420	490	560	720

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Dry Fork Creek	Approximately 515 feet upstream of Drive Fork Road	0.36	270	350	400	460	590
Dry Fork Creek	Approximately 1,420 feet upstream of Drive Fork Road	0.28	220	290	330	380	490
Dry Fork Creek	Approximately 2,010 feet upstream of Drive Fork Road	0.24	200	260	300	350	450
Dry Fork Creek	Approximately 3,220 feet upstream of Drive Fork Road	0.21	180	240	270	310	410
Dry Fork Creek	Approximately 4,120 feet upstream of Drive Fork Road	0.17	150	200	230	260	340
Dry Fork Tributary 1	At the confluence with Dry Fork	2.17	935	1,130	1,355	1,720	2,180
Dry Fork Tributary 1	Approximately 120 feet downstream of Hermitage Woods Drive	1.60	665	800	965	1,235	1,575
Dry Fork Tributary 1	Approximately 120 feet downstream of Port Anadarko Trail	1.33	475	580	715	935	1,220
Dry Fork Tributary 1	At the confluence of Dry Fork Tributary 2	1.17	365	450	570	780	1,045
Dry Fork Tributary 1	Approximately 675 feet upstream of the confluence of Dry Fork Tributary 2	1.10	330	410	530	740	990
Dry Fork Tributary 1	Approximately 240 feet upstream of South New Hope Road	0.71	180	240	320	445	600

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Dry Fork Tributary 2	At the confluence with Dry Fork Tributary 1	0.16	190	220	245	265	325
Dry Fork Tributary 2	Approximately 680 feet upstream of the confluence with Dry Fork Tributary 1	0.13	160	185	205	225	270
Dry Fork Tributary 2	Approximately 150 feet upstream of South New Hope Road	0.08	90	105	115	130	155
Earthman Fork	At the confluence with Whites Creek	6.23	2,440	3,176	3,733	4,290	5,583
Earthman Fork	At the confluence of Johnson Hollow	5.17	2,130	2,898	3,479	4,060	5,409
Earthman Fork	Approximately 2,430 feet downstream of the confluence of Earthman Fork Tributary 2	4.12	1,890	2,638	3,204	3,770	5,084
Earthman Fork	Approximately 1,750 feet downstream of the confluence of Earthman Fork Tributary 2	3.94	1,760	2,220	2,580	2,940	3,790
Earthman Fork	At the confluence of Earthman Fork Tributary 2	3.45	1,540	1,950	2,260	2,570	3,290
Earthman Fork	Approximately 450 feet downstream of Seymour Hollow Road	2.59	1,190	1,510	1,740	1,980	2,530
Earthman Fork	At the confluence of Earthman Fork Tributary 4	2.07	1,000	1,270	1,470	1,670	2,140
Earthman Fork	Approximately 300 feet upstream of the confluence of Bear Hollow Branch	1.06	600	770	890	1,020	1,310

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Earthman Fork	Approximately 235 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.68	430	550	640	730	940
Earthman Fork	Approximately 230 feet downstream of U.S. Highway 431 / Whites Creek Pike	0.59	390	500	580	660	850
Earthman Fork	Approximately 240 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.51	350	450	520	600	770
Earthman Fork	Approximately 1,130 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.28	220	290	330	380	490
Earthman Fork	Approximately 1,430 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.24	200	250	300	340	440
Earthman Fork	Approximately 2,325 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.17	150	200	230	260	340
Earthman Fork Tributary 2	At the confluence with Earthman Fork	0.46	330	420	490	550	710
Earthman Fork Tributary 2	Approximately 130 feet upstream of the confluence with Earthman Fork	0.40	290	370	430	500	640
Earthman Fork Tributary 2	Approximately 2,200 feet upstream of the confluence with Earthman Fork	0.30	230	300	350	400	510
Earthman Fork Tributary 2	Approximately 2,700 feet upstream of the confluence with Earthman Fork	0.26	210	270	310	360	460
Earthman Fork Tributary 3	At the confluence with Earthman Fork	3.45	1,540	1,950	2,260	2,570	3,290

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Earthman Fork Tributary 3	Approximately 370 feet upstream of the confluence with Earthman Fork	0.68	430	550	640	730	950
Earthman Fork Tributary 3	Approximately 500 feet upstream of the confluence with Earthman Fork	0.64	410	530	610	700	900
Earthman Fork Tributary 3	Approximately 1,325 feet upstream of the confluence with Earthman Fork	0.56	370	480	560	630	820
Earthman Fork Tributary 4	At the confluence with Earthman Fork	0.49	340	440	510	580	750
Earthman Fork Tributary 4	Approximately 130 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.48	330	430	500	570	730
Earthman Fork Tributary 4	Approximately 800 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.42	300	390	450	510	660
Earthman Fork Tributary 4	Approximately 1,970 feet upstream of U.S. Highway 431 / Whites Creek Pike	0.37	270	350	410	470	660
East Fork Browns Creek	At the confluence with Browns Creek	1.85	727	*	*	1,160	*
East Fork Browns Creek	Approximately 1,000 feet upstream of Interstate Highway 440	1.67	680	*	*	1,110	*
East Fork Browns Creek	Approximately 1,250 feet downstream of Powell Place	1.58	665	*	*	1,110	*
East Fork Browns Creek	Approximately 930 feet downstream of Powell Place	1.14	544	*	*	898	*
East Fork Browns Creek	Approximately 300 feet upstream of Powell Place	0.66	405	*	*	618	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
East Fork Browns Creek	Approximately 400 feet upstream of Armory Drive	0.47	405	*	*	618	*
East Fork Creek	At the confluence with South Harpeth River	13.08	2,740	3,550	4,170	4,810	6,390
East Fork Creek	Approximately 420 feet downstream of Old Harding Pike	12.78	2,700	3,490	4,110	4,740	6,290
East Fork Creek	At the confluence of Little East Fork Creek	8.19	1,970	2,550	3,000	3,460	4,600
East Fork Hamilton Creek	At the confluence with J. Percy Priest Reservoir	3.57	3,660	4,320	4,835	5,310	6,665
East Fork Hamilton Creek	At the confluence of East Fork Hamilton Creek Tributary 2	2.23	2,565	3,070	3,410	3,700	4,590
East Fork Hamilton Creek	At the confluence of East Fork Hamilton Creek Tributary 1	0.66	890	1,030	1,145	1,260	1,575
East Fork Hamilton Creek	Approximately 1,765 feet downstream of Bell Road	0.26	380	445	495	545	665
East Fork Hamilton Creek Tributary 1	At the confluence with East Fork Hamilton Creek	1.44	1,650	2,000	2,230	2,390	2,965
East Fork Hamilton Creek Tributary 1	Approximately 110 feet downstream of Mossdale Drive	1.14	1,555	1,850	2,050	2,230	2,735
East Fork Hamilton Creek Tributary 1	Approximately 60 feet upstream of Anderson Road	0.76	1,185	1,390	1,550	1,700	2,065
East Fork Hamilton Creek Tributary 1	Approximately 730 feet downstream of Hamilton Church Road	0.54	795	935	1,045	1,150	1,405
East Fork Hamilton Creek Tributary 2	At the confluence with East Fork Hamilton Creek	0.98	1,180	1,370	1,515	1,620	1,950

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
East Fork Hamilton Creek Tributary 2	Approximately 70 feet upstream of Butler Road	0.64	870	1,030	1,145	1,250	1,525
East Fork Hamilton Creek Tributary 2	Approximately 400 feet upstream of Brantley Drive	0.21	340	400	445	485	590
Eaton Creek	At the confluence with Whites Creek	5.78	2,590	*	*	4,960	*
Eaton Creek	Approximately 300 feet downstream of Cato Road	5.24	2,500	*	*	4,800	*
Eaton Creek	Approximately 200 feet upstream of Cato Road	4.17	2,000	*	*	3,870	*
Eaton Creek	Approximately 440 feet downstream of Sulphur Creek Road	3.26	1,860	*	*	3,610	*
Eaton Creek	Approximately 300 feet upstream of Sulphur Creek Road	2.71	1,530	*	*	2,900	*
Eaton Creek	Approximately 2,020 feet upstream of Sulphur Creek Road	2.38	1,450	*	*	2,800	*
Eaton Creek	Approximately 4,170 feet upstream of Sulphur Creek Road	1.61	1,080	*	*	2,090	*
Elm Hill Tributary	At the confluence with McCrory Creek	1.33	1,740	2,020	2,260	2,490	3,040
Elm Hill Tributary	Approximately 150 feet downstream of McCrory Creek Road	0.94	1,390	1,620	1,810	1,990	2,390
Elm Hill Tributary	Approximately 190 feet downstream of Timber Valley Road	0.79	1,260	1,470	1,630	1,780	2,130

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Elm Hill Tributary	Approximately 600 feet upstream of Timber Valley Road	0.54	890	1,040	1,140	1,240	1,470
Ewin Branch	At the confluence with Davidson Branch	3.63	1,580	1,875	2,095	2,310	2,845
Ewin Branch	Just downstream of Interstate Highway 40	3.59	1,525	1,805	2,020	2,220	2,735
Ewin Branch	Approximately 450 feet upstream of Interstate Highway 40	1.62	1,305	1,540	1,720	1,895	2,335
Ewin Branch	Approximately 1,050 feet downstream of Belton Drive	1.28	1,215	1,430	1,595	1,760	2,160
Ewin Branch	Approximately 300 feet downstream of Belton Drive	1.19	1,145	1,340	1,495	1,650	2,025
Ewin Branch	Approximately 650 feet upstream of Belton Drive	1.11	1,085	1,270	1,420	1,560	1,915
Ewin Branch	Approximately 580 feet downstream of Brook Hollow Road	0.79	800	935	1,045	1,155	1,415
Ewin Branch	Approximately 300 feet downstream of Brook Hollow Road	0.65	660	770	865	950	1,165
Ewing Creek	At the confluence with Whites Creek	13.94	6,620	*	*	10,500	*
Ewing Creek	Approximately 1,260 feet downstream of Knight Road	13.60	6,580	*	*	10,400	*
Ewing Creek	Approximately 600 feet downstream of Knight Road	13.09	6,530	*	*	10,200	*
Ewing Creek	At the confluence of Vhoins Branch	10.33	5,970	*	*	8,830	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ewing Creek	Approximately 600 feet downstream of Gwynnwood Drive	9.90	5,970	*	*	8,760	*
Ewing Creek	Approximately 1,100 feet upstream of Gwynnwood Drive	9.34	5,840	*	*	8,540	*
Ewing Creek	Just downstream of the confluence of North Fork Ewing Creek	9.13	5,820	*	*	8,530	*
Ewing Creek	At the confluence of North Fork Ewing Creek	3.43	2,670	*	*	3,970	*
Ewing Creek	Approximately 500 feet downstream of Brick Church Pike	3.43	2,990	*	*	4,490	*
Ewing Creek	Just downstream of the confluence of Ewing Creek Tributary 1	2.81	2,480	*	*	3,630	*
Ewing Creek	At the confluence of Ewing Creek Tributary 1	2.23	1,960	*	*	2,730	*
Ewing Creek	At the confluence of Ewing Creek Tributary 2	1.71	1,510	*	*	2,100	*
Ewing Creek	Approximately 400 feet upstream of Interstate Highway 65	1.71	1,950	*	*	3,200	*
Ewing Creek Tributary 1	At the confluence with Ewing Creek	0.58	390	490	570	660	840
Ewing Creek Tributary 1	Approximately 130 feet upstream of the confluence with Ewing Creek	0.57	380	480	560	640	830

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Ewing Creek Tributary 1	Approximately 370 feet downstream of Richmond Hill Drive	0.44	310	400	460	530	680
Ewing Creek Tributary 1	Approximately 535 feet upstream of Richmond Hill Drive	0.38	280	360	420	480	620
Ewing Creek Tributary 1	Approximately 1,125 feet downstream of Spears Road	0.30	240	300	350	400	520
Ewing Creek Tributary 1	Approximately 220 feet downstream of Spears Road	0.26	210	270	320	360	460
Ewing Creek Tributary 1	Approximately 215 feet downstream of Briley Parkway	0.17	150	200	230	260	340
Ewing Creek Tributary 2	At the confluence with Ewing Creek	0.46	330	420	490	550	710
Ewing Creek Tributary 2	Approximately 110 feet downstream of Ewing Drive	0.43	310	400	460	530	680
Ewing Creek Tributary 2	Approximately 300 feet upstream of Interstate Highway 65	0.31	240	310	360	410	530
Ewing Creek Tributary 2	Approximately 230 feet downstream of Stanwyck Drive	0.17	150	200	230	260	340
Flat Creek	At the confluence with Harpeth River	3.26	1,020	1,330	1,570	1,810	2,410
Flat Creek	Approximately 130 feet upstream of the confluence with Harpeth River	3.22	1,010	1,320	1,550	1,790	2,390

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Flat Creek	Approximately 1,510 feet upstream of the confluence with Harpeth River	2.37	820	1,060	1,250	1,450	1,930
Flat Creek	Approximately 550 feet downstream of Bellevue Road	2.01	730	950	1,110	1,290	1,720
Flat Creek	Just upstream of Moss Creek Court	1.68	640	830	980	1,140	1,520
Flat Creek	Just downstream of Old Hickory Boulevard	0.88	410	530	620	720	970
Flat Creek	Approximately 260 feet downstream of Chimney Hill	0.74	360	470	550	640	860
Flat Creek	Approximately 470 feet downstream of U.S. Highway 70	0.54	290	380	440	510	690
Flat Creek	Approximately 435 feet upstream of U.S. Highway 70	0.47	260	340	400	470	620
Flat Creek Overflow	At the confluence with Flat Creek	**	290	380	440	510	690
Flat Creek Overflow	Just upstream of the confluence with Flat Creek	**	106	154	191	240	340
Franklin Branch	At the confluence with Mill Creek	3.13	2,635	3,149	3,557	3,977	5,026
Franklin Branch	Approximately 750 feet upstream of the confluence with Mill Creek	3.00	2,525	3,017	3,408	3,811	4,816
Franklin Branch	At the confluence of Franklin Branch Tributary 1	1.52	1,248	1,492	1,686	1,886	2,383

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Franklin Branch	Approximately 660 feet upstream of Franklin Limestone Road	1.26	1,035	1,236	1,397	1,552	1,973
Franklin Branch	Approximately 630 feet downstream of Una Antioch Pike	1.00	822	981	1,108	1,238	1,563
Franklin Branch	Approximately 3,390 feet upstream of Rader Ridge Road	0.50	411	491	554	619	782
Franklin Branch	Approximately 1,020 feet downstream of Rural Hill Road	0.37	304	363	410	458	578
Franklin Branch Tributary 1	At the confluence with Franklin Branch	1.36	1,250	*	1,895	2,175	2,820
Franklin Branch Tributary 1	At the confluence of Franklin Branch Tributary 2	1.09	1,000	*	1,510	1,730	2,240
Franklin Branch Tributary 1	Just downstream of the confluence of Franklin Branch Tributary 3	0.92	885	*	1,310	1,500	1,935
Franklin Branch Tributary 1	At the confluence of Franklin Branch Tributary 3	0.48	455	*	680	780	1,015
Franklin Branch Tributary 1	Approximately 550 feet downstream of Edge O Lake Drive	0.18	255	*	335	400	500
Franklin Branch Tributary 2	At the confluence with Franklin Branch Tributary 1	0.27	275	*	410	475	615
Franklin Branch Tributary 2	Approximately 1,350 feet upstream of the confluence with Franklin Branch Tributary 1	0.15	135	*	200	225	300

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Franklin Branch Tributary 3	At the confluence with Franklin Branch Tributary 1	0.44	395	*	575	780	935
Gibson Creek	At the confluence with Cumberland River	4.25	3,770	4,385	4,835	5,275	6,390
Gibson Creek	Just downstream of the confluence of Gibson Creek Tributary 1	4.22	3,755	4,365	4,815	5,250	6,355
Gibson Creek	At the confluence of Gibson Creek Tributary 1	4.05	3,625	4,210	4,640	5,060	6,115
Gibson Creek	Just downstream of the confluence of Gibson Creek Tributary	4.00	3,595	4,170	4,590	5,005	6,050
Gibson Creek	At the confluence of Gibson Creek Tributary	1.93	1,665	1,885	2,030	2,185	2,585
Gibson Creek	Approximately 400 feet upstream of the confluence of Gibson Creek Tributary	1.90	1,650	1,860	2,005	2,160	2,555
Gibson Creek	Approximately 1,100 feet upstream of the confluence of Gibson Creek Tributary	1.83	1,600	1,805	1,945	2,095	2,480
Gibson Creek	Approximately 1,400 feet downstream of Gallatin Pike	1.74	1,535	1,730	1,860	2,005	2,370
Gibson Creek	Approximately 500 feet downstream of Gallatin Pike	1.60	1,425	1,605	1,725	1,865	2,205
Gibson Creek	Approximately 200 feet downstream of West Webster Street	1.52	1,355	1,525	1,640	1,775	2,100
Gibson Creek	At the confluence of Gibson Creek Tributary 2	0.61	610	715	800	880	1,085
Gibson Creek	Approximately 500 feet downstream of Gibson Drive	0.58	565	670	745	825	1,010

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gibson Creek	Approximately 550 feet upstream of Gibson Drive	0.42	435	515	570	630	770
Gibson Creek	Approximately 300 feet upstream of Norman Drive	0.37	370	440	490	535	655
Gibson Creek	Approximately 370 feet upstream of Linda Lane	0.31	305	355	400	440	535
Gibson Creek Tributary	At confluence with Gibson Creek	2.07	1,930	2,295	2,570	2,845	3,525
Gibson Creek Tributary	Approximately 530 feet upstream of the confluence with Gibson Creek	2.01	1,880	2,235	2,500	2,765	3,430
Gibson Creek Tributary	Approximately 540 feet downstream of the confluence of Gibson Creek Tributary 1.1	1.88	1,790	2,125	2,375	2,625	3,245
Gibson Creek Tributary	Approximately 160 feet downstream of the confluence of Gibson Creek Tributary 1.1	1.43	1,345	1,590	1,775	1,960	2,420
Gibson Creek Tributary	Approximately 290 feet upstream of Neelys Bend Road	1.31	1,245	1,470	1,640	1,810	2,230
Gibson Creek Tributary	Approximately 220 feet downstream of Hickory Street	0.80	750	885	990	1,095	1,345
Gibson Creek Tributary	Approximately 130 feet downstream of Elm Street	0.77	725	855	960	1,055	1,300
Gibson Creek Tributary	Approximately 140 feet downstream of Maple Street	0.52	500	590	660	730	890
Gibson Creek Tributary 1	At confluence with Gibson Creek	0.17	165	195	220	240	295

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gibson Creek Tributary 1	Approximately 540 feet upstream of the confluence with Gibson Creek Tributary	0.08	80	95	105	115	140
Gibson Creek Tributary 1.1	At confluence with Gibson Creek Tributary	0.45	450	540	605	670	840
Gibson Creek Tributary 1.1	Approximately 360 feet upstream of Neelys Bend Road	0.39	400	480	540	595	745
Gibson Creek Tributary 1.1	Approximately 400 feet downstream of Forest Park Road	0.34	350	420	470	520	645
Gibson Creek Tributary 1.1	Approximately 230 feet upstream of Forest Park Road	0.31	325	385	435	480	590
Gibson Creek Tributary 1.1	Approximately 1,140 feet upstream of Forest Park Road	0.22	235	280	315	345	425
Gibson Creek Tributary 2	At confluence with Gibson Creek	0.90	900	1,045	1,180	1,310	1,615
Gibson Creek Tributary 2	Approximately 170 feet downstream of Private Drive	0.83	825	960	1,080	1,200	1,475
Gibson Creek Tributary 2	Approximately 230 feet upstream of Gibson Drive	0.69	690	805	905	1,000	1,230
Gizzards Branch	At the confluence with Cumberland River	1.27	1,845	2,130	2,345	2,540	2,995
Gizzards Branch	Approximately 1,250 feet upstream of the confluence with Cumberland River	1.20	1,785	2,060	2,260	2,450	2,890
Gizzards Branch	Approximately 80 feet downstream of the Railroad	1.10	1,670	1,920	2,105	2,275	2,675

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Gizzards Branch	Approximately 280 feet downstream of Spring Branch Drive	0.97	1,460	1,675	1,835	1,980	2,320
Gizzards Branch	Approximately 850 feet upstream of Spring Branch Drive	0.91	1,380	1,585	1,730	1,865	2,180
Gizzards Branch	Approximately 130 feet downstream of Glancy Street	0.76	1,135	1,295	1,410	1,510	1,760
Gizzards Branch	At the confluence of Gizzards Branch Tributary 2	0.58	875	1,000	1,095	1,180	1,380
Gizzards Branch	Approximately 50 feet upstream of Bluebird Drive	0.47	760	865	945	1,015	1,180
Gizzards Branch	At the confluence of Gizzards Branch Tributary 1	0.27	475	550	600	645	755
Gizzards Branch Tributary 1	At the confluence with Gizzards Branch	0.14	205	225	245	255	280
Gizzards Branch Tributary 2	At the confluence with Gizzards Branch	0.14	225	250	265	280	310
Glenrose Branch	At the confluence with Mill Creek	1.80	1,128	1,399	1,622	1,756	2,186
Glenrose Branch	At the entrance of culvert underneath railroad along Old Glenrose Avenue	1.18	759	905	1,014	1,129	1,398
Glenrose Branch	At USGS Gage ID 03431062 at Glenrose Avenue	1.00	760	908	1,018	1,133	1,405
Glenrose Branch	Approximately 600 feet upstream of Rascoe Street	0.78	530	634	710	792	982

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Harpeth River	Just downstream of State Highway 100 and USGS Gage ID 03433500 at Bellevue, TN	408.30	23,155	29,110	33,665	39,550	54,245
Harpeth River	At the confluence of Little Harpeth River	208.88	22,255	27,850	32,100	37,565	51,007
Harpeth River	Approximately 1,500 feet upstream of Riverview Drive[1]	437.00	22,268	28,807	32,810	38,036	51,904
Harpeth River	Approximately 1,630 feet upstream of McCrory Lane	433.00	22,257	28,793	32,793	38,008	52,037
Harpeth River	At the confluence of Buffalo Creek	426.00	22,320	28,867	32,870	38,392	52,371
Harpeth River	At Interstate Highway 40	416.00	22,392	28,921	32,914	38,413	52,304
Harpeth River	At the confluence of Trace Creek	408.00	22,358	28,874	32,857	38,345	52,213
Highway 100 Tributary	At the confluence with South Harpeth River	1.56	610	790	930	1,080	1,440
Highway 100 Tributary	Approximately 750 feet upstream of the confluence with South Harpeth River	1.38	560	730	860	990	1,320
Highway 100 Tributary	Approximately 200 feet downstream of South Harpeth Road	1.21	510	660	780	900	1,200
Highway 100 Tributary	At a point 235 feet upstream of State Highway 100	1.05	460	600	710	820	1,090
Highway 100 Tributary	Approximately 365 feet downstream of Old Harding Pike	0.90	410	540	630	730	980

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Highway 100 Tributary	Approximately 380 feet upstream of Old Harding Pike	0.77	370	480	570	660	880
Highway 100 Tributary	Approximately 525 feet upstream of State Highway 100	0.57	300	390	460	530	710
Holt Creek	At the confluence with Mill Creek	5.23	4,201	5,020	5,667	6,335	7,994
Holt Creek	Approximately 1,330 feet upstream of Bluff Road	4.24	3,476	4,152	4,688	5,241	6,623
Holt Creek	Approximately 450 feet downstream of Redmond Lane	2.46	2,026	2,420	2,731	3,053	3,855
Holt Creek	Approximately 750 feet upstream of Redmond Lane	1.87	1,586	1,893	2,136	2,387	3,012
Holt Creek	Approximately 2,730 feet upstream of Redmond Lane	1.04	861	1,028	1,160	1,297	1,637
Hurricane Creek	Approximately 1,584 feet upstream of the confluence of J. Percy Priest Reservoir	14.60	9,545	10,945	12,250	13,555	16,750
Hurricane Creek	Approximately 4,752 feet downstream of U.S. Highway 41 / Murfreesboro Road	13.48	9,040	10,285	11,480	12,645	15,515
Hurricane Creek	Approximately 2,640 feet downstream of U.S. Highway 41 / Murfreesboro Road	12.90	8,790	9,950	11,060	12,165	15,030
Hurricane Creek	Approximately 1,490 feet downstream of U.S. Highway 41 / Murfreesboro Road	11.00	7,780	8,395	9,255	10,075	12,245

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Hurricane Creek	Approximately 370 feet upstream of U.S. Highway 41 / Murfreesboro Road	9.93	7,465	7,795	8,535	9,315	11,345
Hurricane Creek	Approximately 300 feet upstream of the Railroad	7.60	6,250	6,725	7,445	8,280	10,420
Hurricane Creek	At the confluence of East Branch Hurricane Creek	2.74	1,890	2,095	2,250	2,405	2,725
Hurricane Creek	Approximately 70 feet downstream of Private Drive	2.20	1,730	1,920	2,050	2,155	2,360
Hurricane Creek	Approximately 400 feet upstream of Interstate Highway 24	0.97	1,490	1,750	1,960	2,165	2,665
Indian Creek	At the confluence with Mill Creek	4.94	3,977	4,766	5,389	6,034	7,628
Indian Creek	Approximately 120 feet downstream of Hidden Creek Drive	4.40	3,581	4,290	4,852	5,432	6,869
Indian Creek	Approximately 1,250 feet upstream of Old Hickory Boulevard	3.85	3,184	3,814	4,314	4,831	6,111
Indian Creek	Approximately 300 feet upstream of Pettus Road	3.28	2,706	3,241	3,664	4,102	5,187
Indian Creek	Approximately 1,695 feet upstream of Pettus Road	2.70	2,228	2,667	3,013	3,372	4,263
Indian Creek	Approximately 2,630 feet downstream of Burkitt Road	1.88	1,575	1,885	2,130	2,383	3,013
Indian Creek	Approximately 2,230 feet downstream of Burkitt Road	1.45	1,224	1,464	1,655	1,851	2,340
Indian Creek	Approximately 340 feet upstream of Burkitt Road	1.03	872	1,044	1,179	1,318	1,666

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Indian Creek (West)	At the confluence with Cumberland River	6.13	4,625	5,565	6,275	6,975	8,700
Indian Creek (West)	Approximately 2,100 feet upstream of the confluence with Cumberland River	5.24	3,875	4,650	5,245	5,830	7,265
Indian Creek (West)	Approximately 730 feet downstream of the confluence of Indian Creek (West) Tributary 1	4.96	3,685	4,420	4,980	5,535	6,895
Indian Creek (West)	Approximately 300 feet upstream of the confluence of Indian Creek (West) Tributary 1	3.34	2,400	2,865	3,225	3,585	4,445
Indian Creek (West)	Approximately 600 feet upstream of the confluence of Indian Creek (West) Tributary 1	3.24	2,345	2,800	3,150	3,500	4,335
Indian Creek (West)	Approximately 800 feet upstream of River Road Pike	3.05	2,230	2,660	2,990	3,320	4,095
Indian Creek (West)	Approximately 200 feet upstream of Private Drive	2.68	1,970	2,345	2,635	2,920	3,585
Indian Creek (West)	Approximately 1,600 feet downstream of the confluence of Indian Creek (West) Tributary 2	2.37	1,735	2,060	2,315	2,560	3,135
Indian Creek (West)	At the confluence of Indian Creek (West) Tributary 2	1.78	1,255	1,495	1,675	1,855	2,270
Indian Creek (West)	Approximately 400 feet downstream of Indian Creek Road	1.66	1,160	1,385	1,555	1,715	2,100

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Indian Creek (West)	Approximately 1,600 feet upstream of Indian Creek Road	1.32	895	1,065	1,195	1,320	1,625
Indian Creek (West)	Approximately 200 feet downstream of Indian Creek Road	0.74	520	620	695	765	940
Indian Creek (West)	Approximately 950 feet upstream of Indian Creek Road	0.63	420	500	565	625	775
Indian Creek (West) Tributary 1	At the confluence with Indian Creek (West)	1.63	1,380	1,640	1,840	2,035	2,525
Indian Creek (West) Tributary 1	Approximately 620 feet upstream of River Road Pike	1.45	1,245	1,475	1,655	1,830	2,260
Indian Creek (West) Tributary 1	Approximately 2,600 feet upstream of River Road Pike	1.20	1,025	1,215	1,360	1,505	1,855
Indian Creek (West) Tributary 1	Approximately 150 feet downstream of Private Drive	0.92	770	910	1,020	1,130	1,390
Indian Creek (West) Tributary 1	Approximately 480 feet downstream of Private Drive	0.56	470	560	625	690	850
Indian Creek (West) Tributary 2	At the confluence with Indian Creek (West)	0.59	515	610	680	755	925
Indian Creek (West) Tributary 2	Approximately 460 fee upstream of the confluence with Indian Creek (West)	0.45	385	455	505	560	690
Indian Creek (West) Tributary 2	Approximately 500 feet upstream of Indian Creek Road	0.40	330	390	435	480	595
Jocelyn Hollow Branch	At the confluence with Richland Creek	1.45	787	*	*	1,360	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Jocelyn Hollow Branch	Approximately 550 feet downstream of Brook Hollow Road	1.24	723	*	*	1,360	*
Jocelyn Hollow Branch	Approximately 300 feet upstream of Robin Hill Road	0.97	647	*	*	1,310	*
Jocelyn Hollow Branch Overflow	At the confluence with Jocelyn Hollow Branch	**	*	*	*	770	*
Johnson Hollow	At the confluence with Earthman Fork	1.00	580	740	860	980	1,250
Johnson Hollow	Approximately 140 feet upstream if the confluence with Earthman Fork	0.90	530	680	790	900	1,160
Johnson Hollow	Approximately 500 feet downstream of Old Hickory Boulevard	0.77	480	610	710	800	1,030
Johnson Hollow	Approximately 1,300 feet upstream of Old Hickory Boulevard	0.43	310	390	460	520	670
Johnson Hollow	Approximately 1,400 feet downstream of Shellbark Drive	0.37	280	350	410	470	610
Johnson Hollow	Approximately 200 feet downstream of Shellbark Drive	0.30	240	300	350	400	520
Johnson Hollow	Approximately 400 feet upstream of Shellbark Drive	0.21	180	230	270	310	400
Johnson Hollow	Approximately 990 feet upstream of Shellbark Drive	0.17	150	200	230	260	340
Little Creek	At the confluence with Whites Creek	5.58	3,640	*	*	5,200	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Creek	Approximately 190 feet upstream of the confluence with Whites Creek	5.20	3,540	*	*	4,950	*
Little Creek	Approximately 3,275 feet downstream of Interstate Highway 24	4.64	3,370	*	*	4,720	*
Little Creek	Just downstream of Interstate Highway 24	4.30	3,270	*	*	4,590	*
Little Creek	Approximately 430 feet upstream of Interstate Highway 24	4.30	3,290	*	*	5,550	*
Little Creek	Approximately 780 feet upstream of Interstate Highway 24	3.60	3,120	*	*	5,380	*
Little Creek	At the confluence of Little Creek Tributary 1	1.98	1,920	*	*	3,190	*
Little Creek	Approximately 1,100 feet downstream of Old Hickory Boulevard	1.29	1,450	*	*	2,380	*
Little Creek	Approximately 1,110 feet upstream of Old Hickory Boulevard	0.85	1,140	*	*	1,940	*
Little Creek	Just upstream of the confluence of Little Creek Tributary 2	0.30	230	300	350	400	510
Little Creek	Approximately 2,112 feet downstream of Hunters Lane	0.26	210	270	310	360	460
Little Creek	Approximately 1,130 feet downstream of Hunters Lane	0.20	170	220	260	300	390

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Creek	Approximately 850 feet downstream of Hunters Lane	0.17	150	200	230	260	340
Little Creek Tributary 1	At the confluence with Little Creek	1.64	840	1,070	1,240	1,410	1,810
Little Creek Tributary 1	Approximately 700 feet upstream of Old Hickory Boulevard	1.55	810	1,020	1,190	1,350	1,730
Little Creek Tributary 1	Approximately 165 feet downstream of Autumn Ridge Drive	1.19	660	840	980	1,110	1,430
Little Creek Tributary 1	Approximately 200 feet downstream of Hunters Lane	0.98	570	730	850	970	1,240
Little Creek Tributary 1	Approximately 1,415 feet upstream of Hunters Lane	0.74	460	590	690	780	1,010
Little Creek Tributary 1	Approximately 1,900 feet upstream of Hunters Lane	0.58	390	490	570	650	840
Little Creek Tributary 1	Approximately 3,220 feet upstream of Hunters Lane	0.45	320	410	470	540	700
Little Creek Tributary 1	Approximately 3,800 feet upstream of Hunters Lane	0.19	160	210	250	280	360
Little Creek Tributary 2	At the confluence with Little Creek	0.46	320	410	480	550	710
Little Creek Tributary 2	Approximately 500 feet upstream of the confluence with Little Creek	0.40	290	370	430	490	630
Little Creek Tributary 2	Approximately 310 feet downstream of Hunters Lane	0.33	250	320	370	430	550

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Creek Tributary 2	Approximately 210 feet upstream of Hunters Lane	0.28	220	290	330	380	490
Little Creek Tributary 2	Approximately 1,190 feet upstream of Hunters Lane	0.17	150	200	230	260	340
Little East Fork Creek	At the confluence with East Fork Creek	4.26	1,240	1,610	1,890	2,190	2,910
Little East Fork Creek	Approximately 1,530 feet upstream of the confluence with East Fork Creek	3.82	1,150	1,490	1,750	2,030	2,700
Little Harpeth River	At the confluence with Harpeth River	45.97	9,900	12,800	15,000	17,300	23,500
Little Harpeth River	Approximately 4,100 feet upstream of the confluence with Harpeth River	39.10	9,600	12,100	14,100	16,100	21,400
Little Harpeth River	Approximately 200 feet downstream of Vaughn Road	33.40	8,500	10,500	12,200	13,900	18,600
Little Marrowbone Creek	Approximately 1,120 feet downstream of Private Drive 1 Located in Cheatham County	10.70	7,230	9,560	10,990	12,255	15,905
Little Marrowbone Creek	Approximately 1,500 feet downstream of Whitlow Mountain Road	8.80	6,745	8,530	9,760	11,150	14,465
Little Marrowbone Creek	Approximately 3,250 feet upstream of Whitlow Mountain Road	7.10	5,940	7,825	9,060	10,210	12,970
Little Marrowbone Creek	At the confluence of Little Marrowbone Creek Tributary	3.80	4,825	6,025	6,770	7,455	9,035

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Little Marrowbone Creek	Approximately 1,000 feet downstream of Little Marrowbone Creek Road	1.40	2,010	2,480	2,770	3,040	3,665
Little Marrowbone Creek Tributary	At the confluence with Little Marrowbone Creek	1.20	1,870	2,275	2,530	2,755	3,325
Little Marrowbone Creek Tributary	Approximately 3,000 feet upstream of the confluence with Little Marrowbone Creek	0.50	995	1,175	1,290	1,400	1,645
Long Creek	At the confluence with Sycamore Creek	10.70	5,965	7,770	9,010	10,160	12,670
Long Creek	At the confluence of Long Creek Tributary	9.00	5,065	6,570	7,660	8,675	10,820
Long Creek	Approximately 780 feet upstream of Baxter Road	5.10	3,405	4,185	4,760	5,310	6,585
Long Creek	Approximately 1,200 feet upstream of Harper Road	2.60	1,740	2,150	2,450	2,730	3,375
Long Creek Tributary	At the confluence with Long Creek	1.70	1,190	1,440	1,625	1,800	2,225
Long Creek Tributary	Approximately 3,200 feet upstream of the confluence with Long Creek	0.80	595	720	810	900	1,115
Long Creek Tributary A	At the confluence with Long Creek	1.70	839	1,067	1,238	1,409	1,807
Long Creek Tributary A	Approximately 4,500 feet upstream of the confluence with Long Creek	1.40	757	964	1,120	1,274	1,635
Loves Branch	At the confluence with Cumberland River	2.31	1,845	2,165	2,400	2,630	3,275

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Loves Branch	Approximately 0.60 mile downstream of Briley Parkway	1.62	1,435	1,650	1,815	1,965	2,455
Loves Branch	Approximately 0.50 mile downstream of Briley Parkway	1.47	1,310	1,505	1,645	1,780	2,255
Loves Branch	Approximately 425 feet downstream of Briley Parkway	0.95	835	955	1,040	1,115	1,440
Loves Branch	At Gallatin Pike / Briley Parkway	0.95	900	1,060	1,185	1,305	1,595
Loves Branch	Approximately 450 feet downstream of the Railroad	0.76	720	850	950	1,045	1,280
Loves Branch	Approximately 350 feet downstream of Saunders Avenue	0.26	275	325	360	395	480
Loves Branch	Approximately 730 feet downstream of Gra Mar Drive	0.12	145	170	190	205	250
Lumsley Fork	At the confluence with Mansker Creek	2.70	1,320	1,620	1,830	2,045	2,560
Lumsley Fork	Approximately 90 feet downstream of Brick Church Pike	1.60	790	970	1,095	1,225	1,535
Mansker Creek	At the confluence with Cumberland River	46.85	14,715	18,375	21,020	23,710	30,270
Mansker Creek	At the confluence of Center Point Branch	45.92	14,270	17,995	20,725	23,445	30,175
Mansker Creek	At the confluence of Madison Creek	42.75	11,560	14,400	16,450	18,515	23,505

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Mansker Creek	Just upstream of the confluence of Mansker Creek Tributary 1	27.73	10,780	13,400	15,285	17,175	21,740
Mansker Creek	Just downstream of the confluence of Slaters Creek	19.95	8,310	10,320	11,740	13,175	16,660
Mansker Creek	Just downstream of the confluence of Lumsley Fork	16.54	7,010	8,715	9,905	11,110	14,035
Mansker Creek	Approximately 1,480 feet upstream of the confluence of Walkers Creek	4.99	2,535	3,105	3,505	3,915	4,915
Mansker Creek	Just downstream of U.S. Highway 41 / Springfield Highway	3.99	2,070	2,530	2,860	3,190	4,000
Mansker Creek	Approximately 1.50 miles upstream of U.S. Highway 41 / Springfield Highway	2.08	1,160	1,410	1,590	1,770	2,210
Mansker Creek	Approximately 920 feet downstream of the confluence of Mansker Creek Tributary 2	0.97	565	690	775	860	1,070
Mansker Creek	At the confluence of Mansker Creek Tributary 2	0.48	285	345	390	430	535
Mansker Creek Tributary 1	At the confluence with Mansker Creek	0.80	490	590	665	740	920
Mansker Creek Tributary 1	Approximately 200 feet upstream of U.S. Highway 41 / Dickerson Pike	0.40	255	310	345	385	480
Mansker Creek Tributary 2	At the confluence with Mansker Creek	0.50	285	345	390	430	535

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Marrowbone Creek	Approximately 4,050 feet upstream of Abernathy Road[1]	9.30	3,645	4,950	5,770	6,520	8,025
Marrowbone Creek	Approximately 3,350 feet downstream of Private Drive	5.80	2,065	2,810	3,365	4,025	5,400
McCrory Creek	Approximately 920 feet upstream of the confluence with Stones River	9.66	4,530	5,290	5,880	6,480	7,870
McCrory Creek	At the confluence with Stones River	8.65	4,150	4,840	5,400	5,970	7,410
McCrory Creek	Approximately 1,000 feet upstream of Stewarts Ferry Pike	8.23	4,010	4,680	5,210	5,750	7,100
McCrory Creek	Approximately 1,900 feet upstream of Stewarts Ferry Pike	7.32	3,520	4,070	4,520	4,950	5,990
McCrory Creek	At Ironwood Drive	6.88	3,640	4,150	4,540	4,950	5,940
McCrory Creek	At the confluence of Elm Hill Tributary	5.09	1,780	1,890	1,970	2,040	2,200
McCrory Creek	Approximately 540 feet upstream of Interstate Highway 40	4.83	1,740	1,850	1,920	1,980	2,140
McCrory Creek	Approximately 300 feet upstream of Airport Road	*	5,010	6,000	6,730	7,440	9,190
McCrory Creek	Approximately 1,730 feet upstream of Airport Road	3.81	4,240	5,010	5,600	6,160	7,550
McCrory Creek	At the confluence with Pulley Tributary	1.76	1,790	2,110	2,350	2,580	3,130
McCrory Creek	Approximately 500 feet upstream of Couchville Pike	0.85	1,560	1,830	2,020	2,220	2,690

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Middle Fork Browns Creek	At the confluence with Browns Creek	2.70	1,350	*	*	2,400	*
Middle Fork Browns Creek	Approximately 300 feet upstream of Woodmont Boulevard	2.63	1,500	*	*	2,690	*
Middle Fork Browns Creek	Just upstream of Overbrook Drive	2.03	1,500	*	*	2,690	*
Middle Fork Browns Creek	Approximately 700 feet downstream of Battery Lane	0.62	760	*	*	1,180	*
Middle Fork Browns Creek	Approximately 650 feet upstream of Battery Lane	0.45	609	*	*	902	*
Mill Creek	At the confluence with Cumberland River	107.26	19,000	22,600	26,400	31,500	43,300
Mill Creek	Approximately 2,000 feet upstream of the confluence with Cumberland River	106.41	19,000	22,500	26,300	31,500	43,300
Mill Creek	At the confluence of Sims Branch	101.00	18,200	22,000	25,900	31,000	42,800
Mill Creek	Approximately 150 feet upstream of Elm Hill Pike	98.96	18,000	22,000	25,700	30,800	42,600
Mill Creek	Approximately 1,750 upstream of Interstate Highway 40	96.89	17,700	22,000	25,500	30,600	42,500
Mill Creek	Approximately 1,112 feet downstream of U.S. Highway 41 / Murfreesboro Road	96.12	17,700	22,000	25,500	30,600	42,500
Mill Creek	Approximately 1,650 feet downstream of East Thompson Lane	93.20	17,700	22,000	25,500	30,400	42,500

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Mill Creek	Approximately 150 feet upstream of East Thompson Lane	92.18	17,700	22,000	25,400	30,200	42,400
Mill Creek	Approximately 400 feet downstream of the Railroad	91.43	17,700	22,000	25,300	30,200	42,300
Mill Creek	At the confluence of Sevenmile Creek	73.59	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Sorghum Branch	69.50	16,500	21,000	24,000	28,000	37,000
Mill Creek	Approximately 1,214 downstream of Harding Place	67.33	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Franklin Branch	64.20	16,500	21,000	24,000	28,000	37,000
Mill Creek	At Franklin Limestone Road	63.08	16,500	21,000	24,000	28,000	37,000
Mill Creek	Approximately 200 feet downstream of Antioch Pike	62.06	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Whittemore Branch	57.31	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Collins Creek	51.75	16,500	21,000	24,000	28,000	37,000
Mill Creek	Approximately 1,690 feet upstream of Bell Road	50.78	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Turkey Creek	47.95	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Indian Creek	42.30	16,500	21,000	24,000	28,000	37,000
Mill Creek	Approximately 3,700 feet upstream of Old Hickory Boulevard	40.45	16,500	21,000	24,000	28,000	37,000

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Mill Creek	At U.S. Highway 31 / Nolensville Pike	35.04	16,500	21,000	24,000	28,000	37,000
Mill Creek	At the confluence of Owl Creek	21.04	13,200	16,100	18,400	20,900	27,000
Mill Creek	Approximately 3,200 feet upstream of Concord Road	20.07	12,900	15,700	17,900	20,300	26,200
North Fork Ewing Creek	At confluence with Ewing Creek	5.70	3,590	*	*	5,470	*
North Fork Ewing Creek	At Interstate Highway 24	5.70	3,590	*	*	5,760	*
North Fork Ewing Creek	At Briley Parkway	5.70	3,640	*	*	5,860	*
North Fork Ewing Creek	At Interstate Highway 24 West On-Ramp	5.70	3,700	*	*	6,710	*
North Fork Ewing Creek	Approximately 900 feet downstream of Brick Church Pike	4.44	3,580	*	*	6,540	*
North Fork Ewing Creek	Approximately 1,950 upstream of Brick Church Pike	3.62	3,090	*	*	5,580	*
North Fork Ewing Creek	At the confluence of North Ewing Creek Tributary 2	3.17	2,990	*	*	5,340	*
North Fork Ewing Creek	Approximately 550 feet downstream of the confluence of North Ewing Creek Tributary 7	2.34	2,260	*	*	3,910	*
North Fork Ewing Creek	At the confluence of North Ewing Creek Tributary 7	1.89	2,060	*	*	3,420	*
North Fork Ewing Creek	Approximately 450 feet upstream of the confluence of North Ewing Creek Tributary 4	1.18	1,190	*	*	2,030	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
North Fork Ewing Creek	Approximately 1,000 feet downstream of U.S. Highway 31W / Dickerson Pike	1.18	1,190	*	*	2,030	*
North Fork Ewing Creek Tributary 2	At the confluence with North Fork Ewing Creek	0.83	500	640	750	850	1,090
North Fork Ewing Creek Tributary 2	Approximately 600 feet upstream of the confluence with North Fork Ewing Creek	0.80	490	620	730	830	1,060
North Fork Ewing Creek Tributary 2	Approximately 910 feet upstream of the confluence with North Fork Ewing Creek	0.70	440	560	660	750	960
North Fork Ewing Creek Tributary 2	Approximately 640 feet downstream of Bellshire Drive	0.61	400	510	590	680	870
North Fork Ewing Creek Tributary 2	At the confluence of North Fork Ewing Creek Tributary 3	0.36	270	340	400	460	590
North Fork Ewing Creek Tributary 2	Approximately 250 feet downstream of Banbury Drive	0.30	240	300	350	400	520
North Fork Ewing Creek Tributary 2	Approximately 550 feet downstream of Cheshire Drive	0.26	210	270	320	360	470
North Fork Ewing Creek Tributary 2	Approximately 255 feet downstream of Cheshire Drive	0.17	150	200	230	260	340
North Fork Ewing Creek Tributary 3	At the confluence with North Fork Ewing Creek Tributary 2	0.24	200	260	300	340	440

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
North Fork Ewing Creek Tributary 3	Approximately 80 feet upstream of the confluence with North Fork Ewing Creek Tributary 2	0.21	180	230	270	310	400
North Fork Ewing Creek Tributary 3	Approximately 655 feet upstream of Brick Church Pike	0.18	160	210	250	280	360
North Fork Ewing Creek Tributary 4	At the confluence with North Fork Ewing Creek	0.37	270	350	410	470	610
North Fork Ewing Creek Tributary 4	Approximately 340 feet upstream of the confluence with North Fork Ewing Creek	0.24	200	260	300	340	440
North Fork Ewing Creek Tributary 4	Approximately 660 feet upstream of Westchester Drive	0.21	180	230	270	310	400
North Fork Ewing Creek Tributary 5	At the confluence with North Fork Ewing Creek	0.71	450	570	660	760	970
North Fork Ewing Creek Tributary 5	Approximately 150 feet downstream of Westchester Drive	0.65	420	530	620	710	910
North Fork Ewing Creek Tributary 6	At the confluence with North Fork Ewing Creek	0.17	150	200	230	260	340
North Fork Ewing Creek Tributary 7	At the confluence with North Fork Ewing Creek	0.84	510	650	750	860	1,100
North Fork Ewing Creek Tributary 7	Approximately 220 feet downstream of Tuckahoe Drive	0.78	480	610	710	810	1,040
North Fork Ewing Creek Tributary 7	Approximately 250 feet downstream of the confluence of North Fork Ewing Creek Tributary 8	0.34	260	330	390	440	570

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
North Fork Ewing Creek Tributary 7	Approximately 700 feet downstream of Mulberry Downs Circle	0.30	230	300	350	400	520
North Fork Ewing Creek Tributary 7	Approximately 110 feet upstream of Mulberry Downs Circle	0.24	200	260	300	340	440
North Fork Ewing Creek Tributary 7	Approximately 205 feet downstream of U.S. Highway 31W / Dickerson Pike	0.17	150	200	230	260	340
North Fork Ewing Creek Tributary 8	At the confluence with North Fork Ewing Creek Tributary 7	0.38	280	360	420	480	620
North Fork Ewing Creek Tributary 8	Approximately 90 feet upstream of the confluence with North Fork Ewing Creek Tributary 7	0.36	270	350	400	460	590
North Fork Ewing Creek Tributary 8	Approximately 1,240 feet upstream of U.S. Highway 31W / Dickerson Pike	0.29	230	290	340	390	500
Otter Creek	At the confluence with Little Harpeth River[2]	6.81	1,800	2,370	2,810	3,240	4,340
Otter Creek	Approximately 770 feet downstream of Old Hickory Boulevard	5.58	1,520	2,020	2,390	2,760	3,690
Otter Creek	Approximately 490 feet downstream of Kingsbury Drive	3.57	920	1,220	1,430	1,660	2,210
Otter Creek	Approximately 150 feet downstream of General Forrest Court	2.13	370	520	640	750	1,070

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Overall Creek	At the confluence with Cumberland River	7.93	4,760	5,520	6,100	6,660	8,010
Overall Creek	Approximately 1,510 feet upstream of the confluence with Cumberland River	6.85	4,030	4,655	5,125	5,575	6,585
Overall Creek	Approximately 915 feet downstream of River Road	6.62	3,910	4,510	4,960	5,390	6,350
Overall Creek	Approximately 860 feet upstream of River Road	6.42	3,820	4,400	4,835	5,245	6,170
Overall Creek	At the confluence of Tributary No. 1 to Overall Creek	5.18	3,040	3,500	3,830	4,155	4,725
Overall Creek	Approximately 360 feet upstream of River Road Pike	5.18	3,880	4,590	5,150	5,710	7,055
Overall Creek	Approximately 1,050 feet upstream of River Road Pike	4.92	3,690	4,365	4,895	5,430	6,700
Overall Creek	Approximately 530 feet downstream of Old Charlotte Pike	4.79	3,580	4,230	4,750	5,265	6,495
Overall Creek	Approximately 900 feet upstream of Old Charlotte Pike	2.60	1,835	2,180	2,455	2,725	3,315
Overall Creek	Approximately 1,145 feet downstream of Hulan Hollow Road	2.36	1,665	1,990	2,240	2,475	2,990
Overall Creek	Approximately 400 feet downstream of Hulan Hollow Road	2.21	1,555	1,870	2,105	2,320	2,785

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Overall Creek	Approximately 840 feet downstream of U.S. Highway 70 / Charlotte Pike	2.05	1,450	1,740	1,955	2,150	2,560
Overall Creek	Approximately 590 feet upstream of U.S. Highway 70 / Charlotte Pike	1.49	1,065	1,265	1,420	1,555	1,810
Overall Creek	Approximately 450 feet downstream of Interstate Highway 40	1.27	940	1,120	1,250	1,365	1,575
Overall Creek	Just upstream of Interstate Highway 40	1.27	965	1,160	1,310	1,460	1,830
Overall Creek	Approximately 450 feet downstream of Briksberry Court	0.96	730	875	990	1,105	1,380
Overall Creek	Approximately 600 feet downstream of Ridgelake Parkway	0.83	635	755	855	950	1,185
Overall Creek	Approximately 360 feet upstream of Ridgelake Parkway	0.48	385	460	515	565	700
Overall Creek Tributary 2	At the confluence with Overall Creek	2.18	1,784	2,118	2,374	2,626	3,243
Overall Creek Tributary 2	At Sullivan Hollow Road	1.84	1,515	1,799	2,017	2,231	2,755
Overall Creek Tributary 2	Approximately 860 feet upstream of Old Charlotte Pike	0.77	671	793	887	979	1,205
Owl Creek	At the confluence with Mill Creek	13.16	7,756	9,521	10,932	12,407	16,074
Pages Branch	At the confluence with the Cumberland River	3.16	2,600	3,105	3,490	3,870	4,795

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pages Branch	Approximately 1,120 feet upstream of Baptist World Center Drive	3.00	2,540	3,030	3,405	3,770	4,660
Pages Branch	Approximately 800 feet downstream of Interstate Highway 24	2.56	2,200	2,615	2,935	3,250	4,015
Pages Branch	Approximately 100 feet upstream of the confluence of Pages Branch Tributary B	2.09	1,815	2,150	2,410	2,665	3,285
Pages Branch	Approximately 150 feet downstream of Old Trinity Lane	1.83	1,625	1,930	2,160	2,385	2,940
Pages Branch	Approximately 700 feet upstream of Old Trinity Lane	1.48	1,390	1,645	1,840	2,030	2,500
Pages Branch	Approximately 800 feet downstream of U.S. Highway 31W / Dickerson Pike	1.27	1,240	1,465	1,640	1,810	2,220
Pages Branch	Approximately 250 feet downstream of U.S. Highway 31W / Dickerson Pike	1.22	1,195	1,410	1,575	1,740	2,135
Pages Branch	Approximately 340 feet upstream of the confluence of Pages Branch Tributary A	0.61	585	695	775	855	1,050
Pages Branch	Approximately 280 feet downstream of Donald Avenue	0.48	480	565	630	695	850
Pages Branch	Approximately 1,250 feet upstream of Oakwood Avenue	0.31	310	365	405	445	545

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pages Branch	Approximately 350 feet upstream of Jones Avenue	0.19	185	220	245	270	330
Pages Branch Tributary A	At the confluence with Pages Branch	0.61	615	725	810	890	1,090
Pages Branch Tributary A	Approximately 150 feet downstream of Gordon Terrace	0.51	520	615	685	755	920
Pages Branch Tributary A	Approximately 175 feet downstream of Brunswick Drive	0.29	300	355	395	430	530
Pages Branch Tributary A	Approximately 460 feet downstream of Capitol View Avenue / Jones Avenue	0.13	140	165	185	200	245
Pages Branch Tributary B	At the confluence with Pages Branch	0.37	370	435	485	535	655
Pages Branch Tributary B	Just downstream of Interstate Highway 65	0.30	305	360	400	440	540
Pages Branch Tributary B	Approximately 350 feet downstream of Brick Church Pike	0.18	180	215	240	265	320
Pond Creek	Just downstream of Natier Drive[1]	0.90	4	16	48	118	439
Poplar Creek	At the confluence with South Harpeth River[1]	3.14	1,000	1,290	1,530	1,760	2,350
Poplar Creek	Approximately 360 feet upstream of the confluence with South Harpeth River[1]	3.04	970	1,260	1,490	1,720	2,290
Poplar Creek	Approximately 730 feet upstream of South Harpeth Road	2.59	870	1,130	1,330	1,540	2,060

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Poplar Creek	Approximately 3,170 feet upstream of South Harpeth Road	1.69	640	840	990	1,140	1,520
Poplar Creek	Approximately 1,080 feet upstream of Poplar Creek Road	1.44	570	750	880	1,020	1,360
Poplar Creek	Approximately 2,230 feet downstream of Poplar Creek Road	1.25	520	680	800	920	1,230
Poplar Creek	Approximately 250 feet downstream of Poplar Creek Road	0.78	370	490	570	660	890
Pulley Tributary	At the confluence with McCrory Creek	1.91	2,330	2,780	3,110	3,430	4,240
Pulley Tributary	Approximately 180 feet downstream of Pulley Road	1.47	1,950	2,310	2,570	2,820	3,440
Pulley Tributary	Approximately 100 feet downstream of Pulley Road	1.07	1,590	1,870	2,070	2,260	2,710
Pulley Tributary	Approximately 350 feet downstream of Reynolds Road	0.69	1,100	1,280	1,410	1,540	1,840
Richland Creek	At the confluence with the Cumberland River	28.54	11,406	14,182	16,229	18,269	23,252
Richland Creek	Approximately 1,00 feet upstream of the confluence with the Cumberland River	27.01	10,988	13,657	15,627	17,586	22,370
Richland Creek	Approximately 500 feet downstream of Briley Parkway	25.45	10,569	13,131	15,024	16,903	21,487

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Richland Creek	Approximately 300 feet downstream of Interstate Highway 40	24.27	10,331	12,832	14,673	16,505	20,967
Richland Creek	Approximately 570 feet upstream of U.S. Highway 70 / Charlotte Avenue	23.59	10,230	12,706	14,524	16,334	20,734
Richland Creek	Approximately 4,900 feet upstream of U.S. Highway 70 / Charlotte Avenue	22.91	10,040	12,473	14,257	16,031	20,343
Richland Creek	Approximately 1.01 miles upstream of U.S. Highway 70 / Charlotte Avenue	21.14	9,551	11,851	13,544	15,225	19,300
Richland Creek	Approximately 300 feet downstream of the Railroad	18.24	8,529	10,582	12,092	13,589	17,209
Richland Creek	At the confluence of Sugartree Creek	12.39	6,381	7,918	9,041	10,156	12,847
Richland Creek	Just below the U.S. Highway 70 South / Harding Pike	10.99	5,828	7,228	8,253	9,268	11,713
Richland Creek	At the confluence of Jocelyn Hollow Branch	9.44	4,999	6,196	7,071	7,942	10,041
Richland Creek	At the confluence of Vaughns Gap Branch	6.25	3,256	4,028	4,596	5,164	6,534
Richland Creek	Approximately 200 feet upstream of Harding Place	4.97	2,717	3,357	3,829	4,298	5,426
Richland Creek	At the confluence of Belle Meade Branch	3.73	1,996	2,469	2,819	3,166	4,002
Richland Creek	Approximately 500 feet upstream of Belle Meade Boulevard	2.66	1,377	1,705	1,948	2,190	2,771

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Richland Creek	Approximately 420 feet upstream of Lynnwood Boulevard	2.18	1,072	*	1,585	1,804	2,308
Richland Creek	Approximately 1,130 feet upstream of Foxwood Road	1.83	939	*	1,392	1,585	2,029
Richland Creek	Approximately 1,550 feet downstream of Hillsboro Pike	0.77	473	*	706	805	1,034
Richland Creek	Approximately 420 feet upstream of Hillsboro Pike	0.60	391	*	586	668	861
Richland Creek	Approximately 1,235 feet downstream of Tyne Boulevard	0.38	274	*	412	471	609
Richland Creek	Approximately 620 feet downstream of Tyne Boulevard	0.36	282	*	429	491	637
Richland Creek	Approximately 500 feet upstream of Tyne Boulevard	0.26	219	*	334	383	498
Scotts Creek	At the confluence with Stoners Creek	3.65	2,405	2,865	3,220	3,585	4,440
Scotts Creek	Just downstream of the confluence of Scotts Creek Tributary	3.40	2,280	2,715	3,055	3,385	4,205
Scotts Creek	At the confluence of Scotts Creek Tributary	2.64	1,715	2,040	2,295	2,545	3,165
Scotts Creek	Just upstream of the confluence of Scotts Creek Tributary	2.25	1,510	1,795	2,015	2,230	2,765
Scotts Creek	At the confluence of Scotts Hollow	1.15	740	880	990	1,095	1,360

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Scotts Creek	Approximately 800 feet downstream of Lady Nashville Drive	1.01	640	765	855	945	1,175
Scotts Creek Tributary	At the confluence with Scotts Creek	0.77	590	700	785	870	1,080
Scotts Creek Tributary	Approximately 175 feet upstream of Tulip Grove Road	0.72	565	670	750	830	1,030
Scotts Creek Tributary	Approximately 250 feet upstream of Hidden Hill Drive	0.49	395	465	520	575	705
Scotts Hollow	At the confluence with Scotts Creek	1.10	770	915	1,025	1,135	1,405
Scotts Hollow	Approximately 1,200 feet upstream of Lebanon Pike	0.88	620	735	820	910	1,125
Scotts Hollow	Approximately 800 feet upstream of Cascade Drive	0.68	495	585	660	730	900
Sevenmile Creek	At the confluence with Mill Creek	17.53	7,322	8,600	9,622	10,590	12,819
Sevenmile Creek	Approximately 430 feet upstream of Interstate Highway 24	16.43	7,018	8,255	9,240	10,204	12,393
Sevenmile Creek	Approximately 560 feet upstream of the Railroad	16.43	7,602	9,051	10,197	11,029	13,332
Sevenmile Creek	Approximately 635 feet downstream of Paragon Mills Road	15.45	7,424	8,890	10,046	11,058	14,170
Sevenmile Creek	Approximately 720 feet downstream of Welch Road	14.00	6,800	8,179	9,253	10,191	13,151

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sevenmile Creek	Approximately 375 feet upstream of U.S. Highway 31 / Nolensville Pike	13.01	6,542	7,926	8,981	9,818	13,192
Sevenmile Creek	Approximately 760 feet upstream of U.S. Highway 31 / Nolensville Pike	12.05	6,335	7,677	8,697	9,810	12,955
Sevenmile Creek	Approximately 300 feet upstream of Blackman Road	10.93	5,849	7,086	8,025	9,007	11,947
Sevenmile Creek	Approximately 2,430 feet downstream of Ellington Agricultural Center Entrance	7.28	4,845	5,843	6,600	7,383	9,390
Sevenmile Creek	Approximately 915 feet upstream of Oakley Drive	4.54	2,875	3,487	3,941	4,410	5,729
Sevenmile Creek	Approximately 1,685 feet upstream of Oakley Drive	3.72	2,483	3,467	4,211	4,969	6,552
Sevenmile Creek	Approximately 2,325 feet upstream of Oakley Drive	3.72	2,499	3,557	4,358	5,126	6,714
Sevenmile Creek	Approximately 2,220 feet downstream of Old Hickory Boulevard	3.72	2,497	3,555	4,356	5,122	6,711
Sevenmile Creek	Approximately 2,430 feet downstream of Old Hickory Boulevard	3.72	2,491	3,548	4,348	5,116	6,706
Sevenmile Creek	Approximately 2,690 feet downstream of Old Hickory Boulevard	3.42	2,333	3,288	4,010	4,696	6,110
Sevenmile Creek	Approximately 1,695 feet downstream of Old Hickory Boulevard	3.42	2,348	3,304	4,028	4,706	6,129

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sevenmile Creek	Approximately 915 feet downstream of Old Hickory Boulevard	2.82	1,929	2,668	3,227	3,779	4,893
Sevenmile Creek	Just downstream of the confluence of Sevenmile Creek Tributary 2	2.08	1,381	1,953	2,326	2,766	3,729
Sevenmile Creek	Approximately 185 feet upstream of Old Hickory Boulevard	2.08	1,454	1,919	2,331	2,789	3,745
Sevenmile Creek	Just downstream of the confluence of Sevenmile Creek Tributary 1	1.35	1,369	1,766	2,067	2,473	3,293
Sevenmile Creek	Approximately 375 feet downstream of Chadwick Lane	1.18	1,234	1,592	1,862	2,233	2,941
Sevenmile Creek	Approximately 135 feet downstream of Chadwick Lane	1.11	1,171	1,525	1,793	2,126	2,809
Sevenmile Creek	Approximately 310 feet downstream of Barrington Place Drive	0.95	1,004	1,286	1,499	1,788	2,335
Sevenmile Creek	Approximately 165 feet upstream of Barrington Place Drive	0.33	372	444	499	563	873
Sevenmile Creek	Approximately 910 feet downstream of Fredericksburg Way	0.16	171	365	239	261	510
Sevenmile Creek	Approximately 370 feet upstream of Fredericksburg Way	0.16	215	210	271	420	577

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sevenmile Creek	Approximately 145 feet upstream of Cloverland Drive	0.16	298	247	416	486	612
Sevenmile Creek	Approximately 315 feet upstream of Cloverland Drive	0.08	150	191	222	258	329
Sevenmile Creek Tributary 1	At the confluence with Sevenmile Creek	0.57	170	*	380	480	766
Sevenmile Creek Tributary 1	Approximately 2,320 feet downstream of Cloverland Drive	0.57	170	*	384	489	779
Sevenmile Creek Tributary 1	Approximately 180 feet downstream of Cloverland Drive	0.57	320	*	572	700	968
Sevenmile Creek Tributary 1	Approximately 830 feet upstream of Cloverland Drive	0.44	296	*	521	621	850
Sevenmile Creek Tributary 1	Approximately 2,675 feet upstream of Cloverland Drive	0.33	223	*	378	452	622
Sevenmile Creek Tributary 2	At the confluence with Sevenmile Creek	0.74	579	*	980	1,153	1,379
Sevenmile Creek Tributary 2	Approximately 110 feet downstream of Bonny Bridge Road	0.64	526	*	967	1,205	1,656
Sevenmile Creek Tributary 2	Approximately 230 feet downstream of Gessner Lane	0.64	540	*	973	1,215	1,710
Sevenmile Creek Tributary 2	Approximately 260 feet upstream of Gessner Lane	0.38	269	*	545	690	1,013

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sevenmile Creek Tributary 2	Approximately 700 feet downstream of Cloverland Drive	0.21	257	*	383	464	629
Sevenmile Creek Tributary 2	Approximately 480 feet upstream of Cloverland Drive	0.07	112	*	161	186	237
Shaw Branch	At the confluence with Whites Creek	2.38	1,120	1,410	1,640	1,860	2,380
Shaw Branch	Approximately 2,500 feet downstream of Shaw Road	2.09	1,010	1,280	1,480	1,690	2,160
Shaw Branch	Approximately 480 feet downstream of Shaw Road	1.83	910	1,160	1,350	1,530	1,960
Shaw Branch	Approximately 1,940 feet downstream of Brick Church Pike	1.60	830	1,050	1,220	1,390	1,770
Shaw Branch	Approximately 415 feet upstream of Brick Church Pike	1.19	660	840	980	1,110	1,430
Shaw Branch	Approximately 1,975 feet upstream of Brick Church Pike	0.91	540	690	800	910	1,170
Shaw Branch	Approximately 2,625 feet upstream of Brick Church Pike	0.57	380	490	570	650	830
Shaw Branch	Approximately 4,700 feet upstream of Brick Church Pike	0.45	320	410	470	540	700
Shaw Branch	Approximately 1.01 miles upstream of Brick Church Pike	0.25	210	270	310	350	460

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Shaw Branch	Approximately 1.13 miles upstream of Brick Church Pike	0.19	170	220	250	290	370
Sims Branch	At the confluence with Mill Creek	4.29	3,263	3,906	4,414	4,940	6,248
Sims Branch	Approximately 480 feet downstream of Briley Parkway	3.68	2,815	3,365	3,800	4,252	5,372
Sims Branch	Approximately 315 feet upstream of McGavock Pike	2.15	1,557	1,864	2,106	2,358	2,982
Sims Branch	Approximately 385 feet downstream of Perimeter Place Drive	1.01	728	868	978	1,094	1,379
Sorghum Branch	At the confluence with Mill Creek	2.72	1,100	*	1,210	1,225	1,290
Sorghum Branch	Approximately 200 feet upstream of the Railroad	2.37	1,730	*	2,360	2,550	3,080
Sorghum Branch	Approximately 290 feet upstream of Harding Place	2.02	1,645	*	2,205	2,485	3,275
Sorghum Branch	Approximately 340 feet downstream of Linbar Drive	1.69	1,425	*	1,895	2,145	2,840
Sorghum Branch	Approximately 1,020 feet downstream of Willard Drive	1.55	1,425	*	1,835	2,085	2,810
Sorghum Branch	At a point 1,285 feet downstream of Willard Drive	1.34	1,240	*	1,630	1,845	2,445
Sorghum Branch	Approximately 260 feet downstream of Haywood Lane	1.09	1,200	*	1,470	1,650	2,095
Sorghum Branch	Approximately 1,375 feet downstream of Packard Drive	0.84	1,010	*	1,205	1,340	1,660

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sorghum Branch	Approximately 105 feet upstream of Tusculum Road	0.51	685	*	775	860	1,075
Sorghum Branch	Approximately 115 feet upstream of Park Court	0.40	570	*	625	685	850
Sorghum Branch Overflow	At the confluence with Sorghum Branch	N/A	296	*	382	394	446
South Fork Sycamore Creek	At the confluence with Sycamore Creek / North Fork Sycamore Creek	14.18	7,760	10,100	11,855	13,325	16,605
South Fork Sycamore Creek	Approximately 3,640 feet upstream of Riley Adcock Road	12.01	7,490	9,575	11,165	12,390	15,020
South Fork Sycamore Creek	At the confluence of Sulfur Branch	8.37	5,350	7,025	7,960	8,970	10,845
South Fork Sycamore Creek	Approximately 4,750 upstream of the confluence of Sulfur Branch	4.78	3,470	4,180	4,705	5,210	6,430
South Fork Sycamore Creek	At the confluence of South Fork Sycamore Creek Tributary	2.54	1,845	2,220	2,495	2,765	3,415
South Fork Sycamore Creek Tributary	At the confluence with South Fork Sycamore Creek	2.20	1,625	1,960	2,210	2,445	3,020
South Fork Sycamore Creek Tributary	Approximately 2,920 feet upstream of Ivey Point Road	1.00	810	980	1,105	1,225	1,510
South Harpeth River	Approximately 660 feet upstream of Anderson Road[1]	68.91	8,940	11,530	13,500	15,520	20,500
South Harpeth River	Approximately 3,850 feet downstream of State Highway 100	59.64	8,070	10,400	12,190	14,020	18,520

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
South Harpeth River	Just downstream of the confluence of East Fork Creek	43.77	6,480	8,360	9,800	11,270	14,910
Stonemeade Branch	At the confluence with Trace Creek	2.08	965	1,138	1,268	1,432	1,813
Stonemeade Branch	Approximately 1,440 feet downstream of State Highway 100 at Chaffin Drive	2.02	940	1,109	1,235	1,395	1,764
Stonemeade Branch	Approximately 105 feet upstream of State Highway 100 at Chaffin Drive	1.73	800	944	1,053	1,187	1,499
Stonemeade Branch	Approximately 225 feet upstream of Stonemeade Drive	1.60	737	868	969	1,092	1,379
Stonemeade Branch	Approximately 20 feet upstream of Traceside Drive	1.18	543	639	716	804	1,015
Stonemeade Branch	Approximately 65 feet downstream of State Highway 100 at Westhaven Drive	0.65	403	472	529	592	745
Stonemeade Branch	Approximately 1,100 feet upstream of State Highway 100 at Westhaven Drive	0.49	310	365	409	458	575
Stoners Creek	At the confluence with Stones River	29.67	8,150	9,605	10,660	11,645	15,035
Stoners Creek	Approximately 330 feet downstream of the Railroad	29.09	8,325	9,750	10,820	11,900	15,135
Stoners Creek	Approximately 600 feet upstream of Central Pike	28.30	8,090	9,455	10,460	11,490	14,775

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Stoners Creek	Approximately 1,550 feet downstream of Old Hickory Boulevard	27.29	7,640	8,895	9,830	10,920	14,145
Stoners Creek	Approximately 600 feet downstream of Old Hickory Boulevard	27.26	7,635	8,895	9,825	10,910	14,135
Stoners Creek	Approximately 300 feet downstream of Old Hickory Boulevard	26.18	7,150	8,295	9,145	10,685	13,665
Stoners Creek	Approximately 250 feet downstream of Old Lebanon Dirt Road	20.65	5,675	6,835	8,370	9,685	13,080
Stoners Creek	Approximately 650 feet upstream of Andrew Jackson Parkway	19.79	5,615	7,055	8,300	9,525	12,855
Stoners Creek	Approximately 3,700 feet downstream of the confluence of Scotts Creek	19.03	5,555	7,000	8,225	9,430	12,695
Stoners Creek	At the confluence of Scotts Creek	15.38	4,975	6,075	7,055	7,935	10,500
Stoners Creek	Approximately 200 feet upstream of Tulip Grove Road	14.95	4,955	6,200	7,165	8,230	10,560
Stoners Creek	Approximately 600 feet upstream of Chandler Road	14.55	5,370	6,465	7,320	8,235	10,465
Stones River	At J. Percy Priest Reservoir	892.00	15,800	19,600	22,600	28,000	48,000
Sugartree Creek	At the confluence with Richland Creek	4.91	3,000	*	*	5,020	*
Sugartree Creek	Approximately 920 feet downstream of Valley Forge	4.69	2,990	*	*	5,020	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sugartree Creek	Approximately 150 feet downstream of Woodmont Lane	4.54	2,950	*	*	5,020	*
Sugartree Creek	Approximately 500 feet downstream of Estes Road	4.24	2,800	*	*	4,720	*
Sugartree Creek	Approximately 2500 feet downstream of Estes Road	3.89	2,610	*	*	4,340	*
Sugartree Creek	Approximately 800 feet upstream of Estes Road	3.68	2,590	*	*	4,330	*
Sugartree Creek	Approximately 950 feet upstream of Estes Road	3.07	2,300	*	*	3,510	*
Sugartree Creek	Approximately 2,000 feet downstream of Cross Creek Road	2.68	2,170	*	*	3,250	*
Sugartree Creek	Approximately 1,200 feet upstream of Abbott Martain Road	1.50	1,370	*	*	1,990	*
Sugartree Creek	Approximately 150 feet downstream of Hillsboro Pike	1.27	1,260	*	*	1,830	*
Sulphur Branch	At the confluence with South Fork Sycamore Creek	3.60	2,490	3,070	3,500	3,890	4,815
Sulphur Branch	Approximately 950 feet downstream of Winding Ridge Road	1.60	1,160	1,410	1,590	1,765	2,180
Sulphur Branch	Approximately 70 feet downstream of Wilkinson Road	0.80	530	705	795	885	1,090
Sulphur Creek	At the confluence with Cumberland River	5.27	5,435	7,095	8,435	9,430	11,835

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sulphur Creek	Approximately 130 feet upstream of Cleeces Ferry Road	4.70	5,190	6,775	8,075	8,960	11,150
Sulphur Creek	Approximately 1,380 feet upstream of Cleeces Ferry Road	3.95	4,645	6,140	7,260	8,055	9,930
Sulphur Creek	Approximately 910 feet upstream of Ashland City Highway	3.52	4,410	5,755	6,780	7,495	9,180
Sulphur Creek	Approximately 180 feet upstream of Private Drive	2.97	3,910	5,080	5,910	6,540	7,985
Sulphur Creek	Approximately 80 feet downstream of Private Drive	2.80	3,745	4,865	5,660	6,240	7,605
Sulphur Creek	Approximately 80 feet downstream of Private Drive	2.54	3,545	4,605	5,345	5,875	7,115
Sulphur Creek	Approximately 115 feet downstream of Private Drive	2.15	3,005	3,905	4,545	4,995	6,040
Sulphur Creek	Approximately 130 feet upstream of Private Drive	1.42	2,155	2,750	3,170	3,475	4,175
Sulphur Creek	Approximately 50 feet downstream of Sulphur Creek Road	1.32	2,040	2,600	2,975	3,260	3,905
Sulphur Creek	Approximately 130 feet upstream of Sulphur Creek Road	1.09	1,685	2,170	2,495	2,730	3,270
Sulphur Creek	Approximately 350 feet downstream of Old Hickory Boulevard	0.75	1,200	1,535	1,750	1,915	2,290
Sycamore Creek	Just upstream of the confluence of Battle Creek[1]	46.70	17,935	22,910	27,295	32,965	41,625

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Sycamore Creek	At the confluence of Long Creek	33.98	13,880	17,495	21,080	24,585	31,810
Sycamore Creek	Approximately 450 feet upstream of U.S. Highway 431 / Whites Creek Pike	27.26	11,520	14,505	17,135	20,120	25,795
Trace Creek	At the confluence with Harpeth River	6.70	1,710	2,210	2,600	3,010	4,000
Trace Creek	Approximately 640 feet upstream of the confluence with Harpeth River	6.53	1,670	2,170	2,560	2,950	3,920
Trace Creek	Approximately 870 feet downstream of Temple Road	4.20	1,220	1,590	1,870	2,160	2,880
Trantham Creek	At the confluence with Whites Creek	1.40	750	950	1,100	1,250	1,610
Trantham Creek	Approximately 1,010 feet upstream of the confluence with Whites Creek	1.31	710	900	1,050	1,190	1,530
Trantham Creek	Approximately 800 feet downstream of State Highway 45 / Old Hickory Boulevard	1.15	640	820	950	1,080	1,390
Trantham Creek	Approximately 2,430 feet upstream of State Highway 45 / Old Hickory Boulevard	1.00	580	740	860	980	1,250
Trantham Creek	Approximately 1.00 mile upstream of State Highway 45 / Old Hickory Boulevard	0.88	520	670	780	890	1,140
Trantham Creek	Approximately 3,670 feet downstream of Trantham Road	0.75	470	600	690	790	1,020

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Trantham Creek	Approximately 3,000 feet downstream of Trantham Road	0.66	420	540	630	710	920
Trantham Creek	Approximately 1,800 feet downstream of Trantham Road	0.56	370	480	550	630	810
Trantham Creek	Approximately 290 feet downstream of Trantham Road	0.48	330	420	490	560	730
Trantham Creek	Approximately 500 feet upstream of Trantham Road	0.39	290	370	430	490	630
Tributary No. 1 To Overall Creek	At the confluence with Overall Creek	1.24	1,050	1,250	1,410	1,565	1,950
Tributary No. 1 To Overall Creek	Approximately 360 feet downstream of Old Charlotte Pike	1.09	945	1,120	1,265	1,400	1,745
Tributary No. 1 To Overall Creek	Approximately 360 feet upstream of Old Charlotte Pike	0.98	865	1,030	1,160	1,285	1,600
Tributary No. 1 To Overall Creek	Approximately 700 feet downstream of Charlotte Pike	0.87	775	920	1,035	1,145	1,425
Tributary No. 1 To Overall Creek	Approximately 420 feet upstream of Charlotte Pike	0.68	595	700	785	870	1,070
Tributary to Richland Creek	At the confluence with Richland Creek	2.41	1,500	*	*	2,790	*
Tributary to Richland Creek	Approximately 1,155 feet downstream of Harding Pike	1.83	1,350	*	*	2,660	*
Tributary to Richland Creek	Approximately 425 feet downstream of Leonard Avenue	1.46	1,170	*	*	2,400	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Tributary to Richland Creek	At the confluence of Tributary to Richland Creek Overflow	1.41	1,150	*	*	1,930	*
Tributary to Richland Creek	Approximately 550 feet upstream of the confluence of Tributary to Richland Creek Overflow	1.18	1,000	*	*	1,600	*
Tributary to Richland Creek Overflow	At the confluence with Tributary to Richland Creek	N/A	*	*	*	450	*
Turkey Creek	At the confluence with Mill Creek	2.03	1,819	2,164	2,439	2,724	3,430
Turkey Creek	Approximately 390 feet upstream of the confluence with Mill Creek	1.52	1,368	1,629	1,836	2,050	2,581
Turkey Creek	Approximately 1,050 feet upstream of Pettus Road	1.00	918	1,093	1,232	1,376	1,733
Turkey Creek	At a point 575 feet downstream of Blairfield Drive	0.50	459	547	616	688	866
Unnamed Tributary to Whittemore Branch	At the confluence with Whittemore Branch	0.24	249	*	350	407	530
Vaughns Gap Branch	Approximately 200 feet upstream of the Railroad	3.05	2,070	*	*	3,740	*
Vaughns Gap Branch	Approximately 900 feet downstream of Percy Warner Boulevard	2.71	2,040	*	*	3,480	*
Vaughns Gap Branch	Approximately 225 feet upstream of Percy Warner Boulevard	2.31	1,730	*	*	3,000	*

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Vaughns Gap Branch	Approximately 515 feet downstream of Saint Henry Drive	1.59	1,190	*	*	2,030	*
Vaughns Gap Branch	At a point 1,085 feet upstream of Saint Henry Drive	1.48	1,140	*	*	2,030	*
Vaughns Gap Branch	Approximately 1,000 feet downstream of Park Lane	1.37	987	*	*	1,810	*
Vaughns Gap Branch	Approximately 600 feet upstream of Park Lane	1.22	803	*	*	1,600	*
Vaughns Gap Branch	Approximately 340 feet upstream of Vaughns Gap Road	0.94	803	*	*	1,520	*
Vaughns Gap Branch Overflow	At the confluence with Vaughns Gap Branch	N/A	*	*	*	740	*
Vhoins Branch	At the confluence with Ewing Creek	2.76	2,340	*	*	4,230	*
Vhoins Branch	Approximately 550 feet downstream of Brook Manor Drive	1.41	1,150	*	*	2,120	*
Vhoins Branch	Approximately 1,490 feet downstream of Brick Church Lane	0.59	519	*	*	965	*
Walkers Creek	At the confluence with Mansker Creek	10.80	4,745	5,850	6,615	7,395	9,320
Walkers Creek	At the confluence of Bakers Fork	2.70	1,320	1,615	1,825	2,040	2,560
Walkers Creek	At the confluence of Walkers Creek Tributary	2.10	1,020	1,250	1,410	1,575	1,980
Walkers Creek Tributary	At the confluence with Walkers Creek	0.60	310	380	425	475	595

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
West Fork Browns Creek	At the confluence with Browns Creek	3.74	1,940	*	*	3,260	*
West Fork Browns Creek	Approximately 450 feet upstream of General Bate Drive	2.67	1,900	*	*	3,180	*
West Fork Browns Creek	Approximately 200 feet downstream of Lealand Lane	1.99	1,900	*	*	3,180	*
West Fork Browns Creek	Approximately 390 feet upstream of Glendale Drive	1.39	1,670	*	*	2,570	*
West Fork Browns Creek	Approximately 200 feet upstream of Biltmore Drive	1.06	1,400	*	*	2,320	*
West Fork Browns Creek	Approximately 350 feet upstream of Battery Lane	0.71	862	*	*	1,350	*
West Fork Browns Creek	Approximately 400 feet downstream of Overton Lea Road	0.34	394	*	*	750	*
Whites Creek	At the confluence with Cumberland River	62.93	15,872	19,921	22,496	25,229	31,520
Whites Creek	Approximately 2,220 feet upstream of the confluence with Cumberland River	60.98	16,413	20,366	22,830	25,579	31,646
Whites Creek	At the confluence with Eaton Creek	54.75	15,554	19,216	21,558	24,148	29,754
Whites Creek	Just upstream of Ashland City Highway	54.75	16,322	20,159	22,764	25,596	31,613
Whites Creek	Just downstream of the confluence of Drakes Branch	52.73	15,945	19,684	22,228	24,985	30,832

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Whites Creek	Approximately 250 feet upstream of U.S. Highway 41 / Clarksville Pike	50.79	16,223	20,389	23,159	26,153	32,786
Whites Creek	Approximately 200 feet downstream of Buena Vista Pike	50.77	16,224	20,389	23,164	26,156	32,782
Whites Creek	At the confluence of Whites Creek Tributary	49.62	15,954	20,043	22,753	25,683	32,144
Whites Creek	At the confluence of Ewing Creek	35.92	11,716	14,504	16,391	18,465	23,162
Whites Creek	Approximately 800 feet downstream of State Highway / Briley Parkway	33.44	11,115	13,695	15,444	17,362	21,686
Whites Creek	At the confluence of Dry Fork Creek	28.89	10,058	12,171	13,795	15,467	19,069
Whites Creek	Approximately 1,070 feet upstream of the confluence of Dry Fork Creek	27.91	9,897	11,911	13,492	15,106	18,552
Whites Creek	At the confluence of Earthman Fork	21.01	8,085	9,614	10,831	12,074	14,457
Whites Creek	At the confluence of Trantham Creek	19.39	7,693	9,097	10,221	11,371	13,527
Whites Creek	At the confluence of Little Creek	13.72	5,988	7,116	7,986	8,639	10,168
Whites Creek	At State Highway 45 / Lickton Pike	11.98	5,454	6,474	7,250	7,785	9,119
Whites Creek	Approximately 800 feet upstream of Interstate Highway 24	11.98	5,890	7,263	8,238	9,244	11,533
Whites Creek	Just downstream of Ingram Road	11.11	5,496	6,777	7,681	8,613	10,730

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Whites Creek	At the confluence of Claylick Creek	6.92	3,424	4,213	4,772	5,344	6,652
Whites Creek	At the confluence of Crocker Springs Branch	4.86	2,370	2,918	3,304	3,697	4,603
Whites Creek Tributary	At the confluence with Whites Creek	0.74	1,007	*	*	1,665	*
Whites Creek Tributary	Approximately 630 feet upstream of Dunbar Drive	0.71	978	*	*	1,633	*
Whites Creek Tributary	Approximately 200 feet downstream of Cravath Drive	0.65	923	*	*	1,562	*
Whites Creek Tributary	Approximately 200 feet downstream of Rowan Drive	0.55	770	*	*	1,308	*
Whites Creek Tributary	Approximately 550 feet upstream of Rowan Drive	0.50	730	*	*	1,258	*
Whites Creek Tributary	Approximately 800 feet upstream of Rowan Drive	0.40	651	*	*	1,104	*
Whites Creek Tributary	Approximately 350 feet downstream of Malta Drive	0.38	642	*	*	1,091	*
Whittemore Branch	At the confluence with Mill Creek	3.62	3,142	*	4,132	4,414	4,979
Whittemore Branch	Approximately 700 feet upstream of Interstate Highway 24	3.33	3,309	*	4,624	5,145	6,110
Whittemore Branch	At the confluence of Whittemore Branch Tributary	2.24	2,266	*	3,126	3,464	4,114
Whittemore Branch	Approximately 120 feet upstream of Benzing Road	1.83	2,092	*	2,854	3,169	3,801

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Whittemore Branch	Approximately 1,640 feet upstream of Bell Road	1.35	1,758	*	2,428	2,735	3,325
Whittemore Branch	Approximately 150 feet upstream of Old Hickory Boulevard	0.90	1,296	*	1,765	1,978	2,429
Whittemore Branch	Approximately 700 feet downstream of U.S. Highway 31 / Nolensville Pike	0.50	1,060	*	1,430	1,620	2,010
Whittemore Branch	Approximately 185 feet upstream of U.S. Highway 31 / Nolensville Pike	0.39	791	*	1,080	1,230	1,520
Whittemore Branch	Approximately 450 feet upstream of Shadow Glen Drive	0.24	466	*	645	737	930
Whittemore Branch Tributary	At the confluence with Whittemore Branch	1.06	1,090	*	1,600	1,810	2,240
Whittemore Branch Tributary	Approximately 1,250 feet upstream of the confluence with Whittemore Branch	0.70	784	*	1,100	1,230	1,500
Whittemore Branch Tributary	Approximately 630 feet downstream of Brookview Estates Drive	0.58	659	*	928	1,030	1,250
Whittemore Branch Tributary	Approximately 135 feet upstream of Tusculum Court	0.41	500	*	715	811	1,010
Whittemore Branch Tributary	Approximately 140 feet upstream of Eulala Drive	0.16	218	*	314	360	457
Windemere Branch	At the confluence with Cumberland River	1.84	1,720	2,035	2,275	2,510	3,080

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Windemere Branch	At the confluence of Windemere Branch Tributary 1	1.53	1,480	1,745	1,945	2,140	2,610
Windemere Branch	Approximately 590 feet downstream of Briley Parkway	1.14	1,055	1,245	1,390	1,530	1,870
Windemere Branch	Approximately 550 feet upstream of Briley Parkway	1.07	985	1,160	1,295	1,425	1,745
Windemere Branch	Approximately 1,670 feet upstream of Briley Parkway	1.01	915	1,075	1,200	1,320	1,620
Windemere Branch	Approximately 1,800 feet upstream of Briley Parkway	0.92	820	965	1,080	1,190	1,455
Windemere Branch	Approximately 2,600 feet upstream of Briley Parkway	0.86	755	890	995	1,100	1,345
Windemere Branch	Approximately 3,400 feet upstream of Briley Parkway	0.78	670	790	885	975	1,200
Windemere Branch	Approximately 4,300 feet upstream of Briley Parkway	0.65	535	630	705	780	960
Windemere Branch Tributary 1	At the confluence with Windemere Branch	0.29	355	415	460	505	615
Windemere Branch Tributary 1	Approximately 270 feet downstream of Brookview Drive	0.27	330	385	430	470	570
Windemere Branch Tributary 1	Approximately 350 feet upstream of Brookview Drive	0.22	265	310	345	380	460
Windemere Branch Tributary 1	Approximately 850 feet upstream of Brookview Drive	0.11	135	160	175	195	235

Table 9: Summary of Discharges (continued)

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)				
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Woods Lake Branch	Approximately 490 feet upstream of the confluence of Dry Creek	3.17	2,371	3,460	4,262	4,974	6,422
Woods Lake Branch	At the confluence of Apple Valley Branch	3.12	2,370	3,466	4,245	4,978	6,404
Woods Lake Branch	At Interstate Highway 65	1.52	1,205	1,780	2,181	2,538	3,257
Woods Lake Branch	Approximately 165 feet upstream of Northbrook Road	1.22	1,056	1,542	1,871	2,170	2,749
Woods Lake Branch	Approximately 2,400 feet upstream of West Campbell Road	0.92	811	1,186	1,439	1,668	2,109

* Not calculated for this Flood Risk Project

** Data not available

[1] Located in Cheatham County

[2] Located in Williamson County

Figure 7: Frequency Discharge-Drainage Area Curves

[Not Applicable to this Flood Risk Project]

Table 10: Summary of Non-Coastal Stillwater Elevations

Flooding Source	Location	Elevations (feet NAVD88)				
		10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Browns Lake	Entire shoreline within Davidson County	724.0	724.3	724.5	724.6	724.6
J. Percy Priest Reservoir	Entire shoreline within Davidson County	502.5	*	505.9	506.3	509.9
Marrowbone Lake	Entire shoreline within Davidson County	646.7	648.2	650.2	650.4	652.6
Old Hickory Reservoir	Entire shoreline within Davidson County	449.3	*	449.8	450.0	450.1

* Not calculated for this Flood Risk Project

Table 11: Stream Gage Information used to Determine Discharges

Flooding Source	Gage Identifier	Agency that Maintains Gage	Site Name	Drainage Area (Square Miles)	Period of Record[1]	
					From	To
Browns Creek	03431300	USGS	Browns Creek at State Fairgrounds at Nashville, TN	11.8	04/03/1964	07/20/2012
Browns Creek	03431340	USGS	Browns Creek at Factory Street at Nashville, TN	13.2	04/08/1965	02/05/2004
Cumberland River	03426310	USGS	Cumberland River at Old Hickory Dam (TW), TN	11,673	12/16/1951	05/02/2010
Cumberland River	03431500	USGS	Cumberland River at Nashville, TN	12,856	01/01/1927	05/03/2010
Dry Creek	03426470	USGS	Dry Creek near Edenwold, TN	7.6	06/21/1997	04/28/2014
Earthman Fork	03431550	USGS	Earthman Fork at Whites Creek, TN	6.3	02/11/1965	08/04/2004
East Fork Browns Creek	03431240	USGS	E F Browns Creek at Baird-Ward P Co, Nashville, TN	1.6	04/08/1965	06/04/1998
Ewing Creek	03431580	USGS	Ewing Creek at Knight Rd near Bordeaux, TN	13.3	02/11/1965	09/13/1982
Harpeth River	03432100	USGS	Harpeth River at McDaniel, TN	66.6	01/05/2007	01/21/2012

Table 11: Stream Gage Information used to Determine Discharges (continued)

Flooding Source	Gage Identifier	Agency that Maintains Gage	Site Name	Drainage Area (Square Miles)	Period of Record[1]	
					From	To
Harpeth River	03432350	USGS	Harpeth River at Franklin, TN	191	03/13/1975	04/28/2013
Harpeth River	03432400	USGS	Harpeth River below Franklin, TN	210	02/04/1990	04/28/2013
Harpeth River	03433500	USGS	Harpeth River at Bellevue, TN	408	04/17/1921	04/28/2011
Harpeth River	03434500	USGS	Harpeth River at Kingston Springs, TN	681	01/22/1926	04/26/2011
Little Harpeth River	03432925	USGS	Little Harpeth River Granny White Pike, TN	22.0	03/14/1978	12/22/2006
Mansker Creek	03426385	USGS	Mansker Creek above Goodlettsville, TN	27.7	02/22/1994	05/09/2009
McCrory Creek	03430118	USGS	McCrory Creek at Ironwood Drive at Donelson, TN	7.3	04/04/1977	02/05/2004
Mill Creek	03430400	USGS	Mill Creek at Nolensville, TN	12.0	03/25/1965	02/05/2004
Mill Creek	03431000	USGS	Mill Creek near Antioch, TN	64.0	03/24/1954	10/19/2004
Mill Creek	03431060	USGS	Mill Creek at Thompson Lane, near Woodbine, TN	93.4	03/26/1965	03/01/2010
Richland Creek	03431700	USGS	Richland Creek at Charlotte Ave at Nashville, TN	24.3	04/08/1965	05/02/2010
Sevenmile Creek	03431040	USGS	Sevenmile Creek at Blackman Rd, near Nashville, TN	12.2	02/11/1965	02/05/2004
Stoners Creek	03430147	USGS	Stoners Creek near Hermitage, TN	20.6	07/03/1992	02/05/2004
Sugartree Creek	03431677	USGS	Sugartree Creek at YMCA Access Road, Green Hills, TN	1.5	08/15/1976	04/22/2004
Sycamore Creek	03431800	USGS	Sycamore Creek near Ashland City, TN	97.2	02/27/1962	04/28/2013
West Fork Browns Creek	03431120	USGS	W F Browns Creek at Gen Bates Drive, at Nashville, TN	3.3	04/08/1965	03/05/2004
Whites Creek	03431599	USGS	Whites Creek near Bordeaux, TN	51.3	04/15/1994	05/02/2010

[1] Dates used in the hydrologic calculation

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

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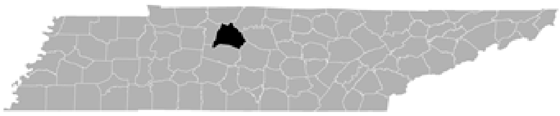

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV003D
Version Number 2.6.3.0

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Mansker Creek Tributary 1	209-210 P
Mansker Creek Tributary 2	211 P
Marrowbone Creek	212-213 P
McCrory Creek	214-218 P
Middle Fork Browns Creek	219-225 P
Mill Creek	226-230 P
North Fork Ewing Creek	231-233 P
North Fork Ewing Creek Tributary 2	234-235 P
North Fork Ewing Creek Tributary 3	236-237 P
North Fork Ewing Creek Tributary 4	238-239 P
North Fork Ewing Creek Tributary 5	240-241 P
North Fork Ewing Creek Tributary 6	242-243 P
North Fork Ewing Creek Tributary 7	244 P
North Fork Ewing Creek Tributary 8	245-246 P

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Exhibit 1

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Exhibit 1

Published Separately

Flood Insurance Rate Map (FIRM)

5.2 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. Base flood elevations on the FIRM represent the elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report. Rounded whole-foot elevations may be shown on the FIRM in coastal areas, areas of ponding, and other areas with static base flood elevations. These whole-foot elevations may not exactly reflect the elevations derived from the hydraulic analyses. 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. The hydraulic analyses for this FIS 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.

For streams for which hydraulic analyses were based on cross sections, locations of selected cross sections are shown on the Flood Profiles (Exhibit 1). For stream segments for which a floodway was computed (Section 6.3), selected cross sections are also listed in Table 23, “Floodway Data.”

A summary of the methods used in hydraulic analyses performed for this project is provided in Table 12. Roughness coefficients are provided in Table 13. Roughness coefficients are values representing the frictional resistance water experiences when passing overland or through a channel. They are used in the calculations to determine water surface elevations. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation.

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Apple Valley Branch	Confluence with Woods Lake Branch	Approximately 230 feet upstream of East Campbell Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 5.0.7 (USACE 2019a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 6 "Dry Creek Watershed Flood Insurance Update" (USACE 2018).
Bakers Fork	Confluence with Walkers Creek	Approximately 1.80 miles upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4C, Flood Insurance Update” (USACE 2016-4C).
Bakers Fork Tributary	Confluence with Bakers Fork	Approximately 150 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4C, Flood Insurance Update” (USACE 2016-4C).
Barrywood Branch	Confluence with Sevenmile Creek	Approximately 825 feet upstream of Trousdale Road	HEC-HMS 4.2.1 (USACE 2017)	HEC-RAS 5.0.7 (USACE 2019a)	09/1/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS – Phase 6 - Flood Insurance Update” (USACE 2019b).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Bear Hollow Branch	Confluence with Earthman Fork	Approximately 425 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Belle Meade Branch	Confluence with Richland Creek	Approximately 120 feet upstream of Warner Place	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Richland Creek Watershed, Flood Insurance Study" (USACE 2012e).
Belle Meade Branch	Approximately 120 feet upstream of Warner Place	Approximately 850 feet upstream of Harding Hill Lane	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	09/01/2013	AE w/ Floodway	
Brentwood Branch	Confluence with Sevenmile Creek	Approximately 515 feet upstream of Stone Box Lane	HEC-HMS 4.2 (USACE 2016d)	HEC-RAS 5.0.7 (USACE 2019a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS – Phase 6 - Flood Insurance Update" (USACE 2019b).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Browns Creek	Confluence with Cumberland River	Confluence with Middle Fork Browns Creek and West Fork Browns Creek	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Browns Creek - Melrose Area, Flood Insurance Update" (USACE 2019e).
Browns Lake	Approximately 4,725 feet upstream of Private Drive	Approximately 1.33 miles upstream of Private Drive	Other	Other	11/01/2019	AE	Flood Frequency Reservoir Routing
Buffalo Creek	Confluence with Harpeth River	Approximately 150 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Bull Run	Cheatham County boundary	Approximately 2,560 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4C, Flood Insurance Update” (USACE 2016-4C).
Carney Creek	Confluence with Dry Fork Creek	Approximately 660 feet upstream of Stenberg Road	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Claylick Creek	Confluence with Whites Creek	Approximately 2,290 feet upstream of Interstate Highway 24	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Claylick Creek Overflow	Confluence with Claylick Creek	Approximate 2,490 feet upstream of the confluence with Claylick Creek	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is overflow from lateral weir computations in main stem model. Pooling boundary condition used. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Collins Creek	Confluence with Mill Creek	Approximately 1,315 feet upstream of Interstate Highway 24	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Cooper Creek	Confluence with Cumberland River	Approximately 170 feet upstream of Hutson Avenue	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, "Cumberland River Tributaries, Flood Insurance Study Update" (USACE 2015-4A).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Cooper Creek Tributary 1	Confluence with Cooper Creek	Approximately 810 feet upstream of Litton Avenue	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, "Cumberland River Tributaries, Flood Insurance Study Update" (USACE 2015-4A).
Cooper Creek Tributary 2	Confluence with Cooper Creek	Approximately 2,430 feet upstream of Kirkland Avenue	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, "Cumberland River Tributaries, Flood Insurance Study Update" (USACE 2015-4A).
Crocker Springs Branch	Confluence with Whites Creek	Approximately 90 feet upstream of Crocker Road	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Crocker Springs Branch Tributary 1	Confluence with Crocker Springs Branch	Approximately 470 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Cub Creek	Confluence with Cumberland River	Approximately 930 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4B, Flood Insurance Update" (USACE 2015-4B).
Cumberland River	Cheatham County boundary	Old Hickory Reservoir / Dam	Other	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, "Cumberland River – Cheatham Pool Flood Frequency Update Report" (USACE 2012a).
Cumberland River - Old Hickory Lake	Old Hickory Reservoir / Dam	Sumner & Wilson County boundary	Other	Other	01/01/1979	AE	The Old Hickory Reservoir is controlled by the USACE, and the reservoir is essentially a run-or-river type without regulating storage other than for incidental flood control though surcharge operations and for pondage for power generation and lockages. The flood elevations were determined by performing a frequency analysis based on the USACE regulation schedule for the pool and on historical data the Old Hickory Reservoir (FIS 2017). Also see the USACE Report, "Flood Frequency Study for the Cumberland River Basin" (USACE 1979).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Cummings Branch	Confluence with Whites Creek	Approximately 395 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Davidson Branch	Confluence with Cumberland River	Approximately 340 feet upstream of Brownlee Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Drakes Branch	Confluence with Whites Creek	Approximately 760 feet upstream of Private Drive	HEC-1 (USACE 1985)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from December 1988 Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan (WMSSD 1988) which used HEC-1 (USACE 1985) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Dry Creek	Confluence with Cumberland River	Approximately 40 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4AA FIS Update, “Dry Creek Watershed, Flood Insurance Update” (USACE 2015-4AA).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Dry Fork	Confluence with Stoners Creek	Wilson County boundary	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, "Stoners Creek Basin, Flood Insurance Update" (USACE 2014b).
Dry Fork Creek	Confluence with Whites Creek	Approximately 2,040 feet upstream of Private Drive	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on USGS Regression (USGS 2000) and HEC-1 Model (USACE 1985). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Dry Fork Tributary 1	Confluence with Dry Fork	Approximately 980 feet upstream of New Hope Road	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, "Stoners Creek Basin, Flood Insurance Update" (USACE 2014b).
Dry Fork Tributary 2	Confluence with Dry Fork Tributary 1	Approximately 540 feet upstream of Hampton Hall Way	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, "Stoners Creek Basin, Flood Insurance Update" (USACE 2014b).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Earthman Fork	Confluence with Whites Creek	Approximately 4,600 feet upstream of U.S. Highway 431 / Whites Creek Pike	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on USGS Regression (USGS 2000) and HEC-1 Model (USACE 1985). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Earthman Fork Tributary 2	Confluence with Earthman Fork	Approximately 3,600 feet upstream of the confluence with Earthman Fork	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Earthman Fork Tributary 3	Confluence with Earthman Fork	Approximately 3,315 feet upstream of the confluence with Earthman Fork	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Earthman Fork Tributary 4	Confluence with Earthman Fork	Approximately 2,170 feet upstream of U.S. Highway 431 / Whites Creek Pike	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
East Fork Browns Creek	Confluence with Browns Creek	Approximately 1,260 feet upstream of Private Drive	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Browns Creek Basin Plan (MWSSD 1990a) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Browns Creek Watershed, Flood Insurance Study” (USACE 2012b).
East Fork Creek	Confluence with South Harpeth River	Williamson County boundary	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
East Fork Hamilton Creek	Confluence with J. Percy Priest Reservoir	Approximately 755 feet upstream of Bell Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4B, Flood Insurance Update” (USACE 2015-4B).
East Fork Hamilton Creek Tributary 1	Confluence with East Fork Hamilton Creek	Approximately 1,250 feet upstream of Hamilton Church Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4B, Flood Insurance Update” (USACE 2015-4B).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
East Fork Hamilton Creek Tributary 2	Confluence with East Fork Hamilton Creek	Approximately 130 feet upstream of Anderson Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4B, Flood Insurance Update" (USACE 2015-4B).
Eaton Creek	Confluence with Whites Creek	Approximately 340 feet upstream of Private Drive	HEC-1 (USACE 1985)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from December 1988 Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan (WMSSD 1988) which used HEC-1 (USACE 1985) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Elm Hill Tributary	Confluence with McCrory Creek	Approximately 1,800 feet upstream of Timber Valley Drive	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, "McCrory Creek Basin, Flood Insurance Update" (USACE 2014a).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Ewin Branch	Confluence with Davidson Branch	Approximately 180 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, "Cumberland River Tributaries, Flood Insurance Study Update" (USACE 2015-4A).
Ewing Creek	Confluence with Whites Creek	Approximately 2,800 feet upstream of Larkspur Drive	HEC-1 (USACE 1985)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from December 1988 Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan (WMSSD 1988) which used HEC-1 (USACE 1985) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Ewing Creek Tributary 1	Confluence with Ewing Creek	Approximately 550 feet upstream of Doverside Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Ewing Creek Tributary 2	Confluence with Ewing Creek	Approximately 730 feet upstream of Stanwych Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Flat Creek	Confluence with Harpeth River	Approximately 1,240 feet upstream of U.S. Highway 70 S / Old Harding Pike	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Flat Creek Overflow	Confluence with Flat Creek	Approximately 1,050 feet upstream of the confluence with Flat Creek	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Franklin Branch	Confluence with Mill Creek	Approximately 185 feet upstream of Hickory Highlands Drive	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Franklin Branch Tributary 1	Confluence with Franklin Branch	Approximately 400 feet upstream of Edge O Lake Drive	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Franklin Branch Tributary 2	Confluence with Franklin Branch	Approximately 1.65 miles upstream of the confluence with Franklin Branch	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Franklin Branch Tributary 3	Confluence with Franklin Branch	Approximately 280 feet upstream of Private Drive	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Gibson Creek	Confluence with Cumberland River	Approximately 250 feet upstream of E Marthona Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Gibson Creek Tributary	Confluence with Gibson Creek	Approximately 175 feet upstream of Maple Street	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Gibson Creek Tributary 1	Confluence with Gibson Creek	Approximately 480 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Gibson Creek Tributary 1.1	Confluence with Gibson Creek Tributary	Approximately 300 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Gibson Creek Tributary 2	Confluence with Gibson Creek	Approximately 440 feet upstream of Saunders Avenue	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Gizzards Branch	Confluence with Cumberland River	Approximately 205 feet upstream of Wren Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4B, Flood Insurance Update” (USACE 2015-4B).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Gizzards Branch Tributary 1	Confluence with Gizzards Branch	Approximately 185 feet upstream of Wren Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4B, Flood Insurance Update” (USACE 2015-4B).
Gizzards Branch Tributary 2	Confluence with Gizzards Branch	Approximately 250 feet upstream of Wren Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4B, Flood Insurance Update” (USACE 2015-4B).
Glenrose Branch	Confluence with Mill Creek	Approximately 600 feet upstream of Private Drive	HEC-HMS 4.2.1 (USACE 2017)	HEC-RAS 5.0.7 (USACE 2019a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS – Phase 6 - Flood Insurance Update” (USACE 2019b).
Harpeth River	Cheatham County boundary	Approximately 580 feet downstream of the confluence of Little Harpeth River	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	10/22/2014	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, “Harpeth River Watershed, Flood Insurance Update” (USACE 2012h) and “Harpeth River Watershed, HEC-HMS Analysis” (USACE 2012i).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Harpeth River	Approximately 580 feet downstream of the confluence of Little Harpeth River	Approximately 2,700 feet upstream of the confluence of Little Harpeth River	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Harpeth River Watershed, Flood Insurance Update” (USACE 2016a).
Highway 100 Tributary	Confluence with South Harpeth River	Approximately 110 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Holt Creek	Confluence with Mill Creek	Approximately 230 feet upstream of Edmondson Pike	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Hurricane Creek	Confluence with J. Percy Priest Reservoir	Approximately 25 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4B, Flood Insurance Update” (USACE 2015-4B).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Indian Creek	Confluence with Mill Creek	Approximately 130 feet upstream of Fann Road	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Indian Creek (West)	Confluence with Cumberland River	Approximately 670 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, "Cumberland River Tributaries, Flood Insurance Study Update" (USACE 2015-4A).
Indian Creek (West) Tributary 1	Confluence with Indian Creek (West)	Approximately 960 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Indian Creek (West) Tributary 2	Confluence with Indian Creek (West)	Approximately 1,110 feet upstream of Indian Creek Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
J. Percy Priest Reservoir	Confluence with Stones River	Williamson / Wilson County boundary	Other	Other	Data not available	AE	The J. Percy Priest Reservoir is a manually operated pool with flood elevations controlled by the USACE. The flood elevations were determined by performing a frequency analysis based on the USACE regulation schedule for the pool and on historical data for both the J. Percy Priest Reservoir and the Nashville Reservoir (FIS 2001; FIS 1989).
Jocelyn Hollow Branch	Confluence with Richland Creek	Approximately 1,290 feet upstream of Robin Hill Road	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Richland Creek Watershed, Flood Insurance Study” (USACE 2012e).
Jocelyn Hollow Branch Overflow	Confluence with Jocelyn Hollow Branch	Approximately 1,610 feet upstream of the confluence with Jocelyn Hollow Branch	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Richland Creek Watershed, Flood Insurance Study” (USACE 2012e).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Johnson Hollow	Confluence with Earthman Fork	Approximately 800 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Little Creek	Confluence with Whites Creek	Approximately 815 feet upstream of Hunters Lane	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on USGS Regression (USGS 2000) and HEC-1 Model (USACE 1985). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Little Creek Tributary 1	Confluence with Little Creek	Approximately 590 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Little Creek Tributary 2	Confluence with Little Creek	Approximately 3,800 feet upstream of Hunters Lane	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Little East Fork Creek	Confluence with East Fork Creek	Williamson County boundary	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Little Harpeth River	Confluence with Harpeth River	Williamson County boundary	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Little Harpeth River Watershed, Flood Insurance Update” (USACE 2016b).
Little Marrowbone Creek	Cheatham County boundary	Approximately 2,060 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
Little Marrowbone Creek Tributary	Confluence with Little Marrowbone Creek	Approximately 1.30 miles upstream of the confluence with Little Marrowbone Creek	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Long Creek	Confluence with Sycamore Creek	Approximately 1.17 miles upstream of Bidwell Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
Long Creek Tributary	Confluence with Long Creek	Approximately 1.20 miles upstream of the confluence with Long Creek	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
Long Creek Tributary A	Confluence with Long Creek	Cheatham County boundary	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	10/01/2017	AE	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
Long Creek Tributary A	Cheatham County boundary	Cheatham County boundary	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	10/01/2017	AE	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Loves Branch	Confluence with Cumberland River	Approximately 75 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, "Cumberland River Tributaries, Flood Insurance Study Update" (USACE 2015-4A).
Lumsley Fork	Confluence with Mansker Creek	Approximately 535 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).
Mansker Creek	Confluence with Cumberland River	Approximately 4,630 feet upstream of Ridge Hill Road / Ridgehill Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).
Mansker Creek Tributary 1	Confluence with Mansker Creek	Approximately 2,980 feet upstream of French Street	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Mansker Creek Tributary 2	Confluence with Mansker Creek	Approximately 1,290 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).
Marrowbone Creek	Cheatham County boundary	Approximately 80 feet upstream of Marrowbone Lake Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).
Marrowbone Lake	Approximately 80 feet upstream of Marrowbone Lake Road	Approximately 1.85 miles upstream of Marrowbone Lake Road	Other	Other	11/01/2019	AE	Flood Frequency Reservoir Routing
McCrory Creek	Confluence with Stones River	Approximately 1,350 feet upstream of Pully Road	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, "McCrory Creek Basin, Flood Insurance Update" (USACE 2014a).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Middle Fork Browns Creek	Confluence with Browns Creek and West Fork Browns Creek	Approximately 180 feet upstream of Tyne Boulevard	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Browns Creek Basin Plan (MWSSD 1990a) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Browns Creek Watershed, Flood Insurance Study” (USACE 2012b).
Mill Creek	Confluence with Cumberland River	Williamson County boundary	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
North Fork Ewing Creek	Confluence with Ewing Creek	Approximately 490 feet upstream of Kemper Drive	HEC-1 (USACE 1985)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from December 1988 Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan (WMSSD 1988) which used HEC-1 (USACE 1985) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
North Fork Ewing Creek Tributary 2	Confluence with North Fork Ewing Creek	Approximately 860 feet upstream of Cheshire Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
North Fork Ewing Creek Tributary 3	Confluence with North Fork Ewing Creek Tributary 2	Approximately 1,370 feet upstream of Brick Church Pike	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
North Fork Ewing Creek Tributary 4	Confluence with North Fork Ewing Creek	Approximately 1,740 feet upstream of Westchester Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
North Fork Ewing Creek Tributary 5	Confluence with North Fork Ewing Creek	Approximately 1,270 feet upstream of Westchester Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
North Fork Ewing Creek Tributary 6	Confluence with North Fork Ewing Creek	Approximately 280 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
North Fork Ewing Creek Tributary 7	Confluence with North Fork Ewing Creek	Approximately 225 feet upstream of Dickerson Pike	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
North Fork Ewing Creek Tributary 8	Confluence with North Fork Ewing Creek Tributary 7	Approximately 90 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).
Otter Creek	Williamson County boundary	Approximately 30 feet upstream of Radnor Lake Spillway	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Little Harpeth River Watershed Hydrology, Flood Insurance Update" (USACE 2012c).
Overall Creek	Approximately 1,450 feet downstream of Old Charlotte Pike	Approximately 1,470 feet upstream of Ridgelake Parkway	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4 "Overall Creek 2019 HEC-RAS Model Revision (Cedar Place Townhomes Development)" (USACE 2019c).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Overall Creek Tributary 2	Confluence with Overall Creek	Approximately 860 feet upstream of Old Charlotte Pike	HEC-HMS 4.2 (USACE 2013)	HEC-RAS 5.0.7 (USACE 2019a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 6 "Overall Creek Tributary 2 Watershed, Flood Insurance Update" (USACE 2019d).
Owl Creek	At the confluence with Mill Creek	Williamson County boundary	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	10/01/2017	AE w/ Floodway	The hydrologic was performed by USACE & AMEC and the hydraulic was performed by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Pages Branch	Confluence with Cumberland River	Approximately 2,080 feet upstream of Oakwood Avenue	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Pages Branch Tributary A	Confluence with Pages Branch	Approximately 780 feet upstream of Jones Avenue	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Pages Branch Tributary B	Confluence with Pages Branch	Approximately 260 feet upstream of Brick Church Pike	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Pond Creek	Cheatham County boundary	Approximately 470 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	10/01/2017	AE	
Poplar Creek	Cheatham County boundary	Approximately 830 feet upstream of Poplar Creek Road	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Pulley Tributary	Confluence with McCrory Creek	Approximately 1,760 feet upstream of Reyonlds Road	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, “McCrory Creek Basin, Flood Insurance Update” (USACE 2014a).
Richland Creek	Confluence with Cumberland River	Approximately 540 feet upstream of Lynnwood Boulevard	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Richland Creek Watershed, Flood Insurance Study” (USACE 2012e).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Richland Creek	Approximately 540 feet upstream of Lynnwood Boulevard	Approximately 660 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	09/01/2013	AE w/ Floodway	
Scotts Creek	Confluence with Stoners Creek	Wilson County boundary	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, “Stoners Creek Basin, Flood Insurance Update” (USACE 2014b).
Scotts Creek Tributary	Confluence with Scotts Creek	Wilson County boundary	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, “Stoners Creek Basin, Flood Insurance Update” (USACE 2014b).
Scotts Hollow	Confluence with Scotts Creek	Wilson County boundary	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, “Stoners Creek Basin, Flood Insurance Update” (USACE 2014b).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Sevenmile Creek	Confluence with Mill Creek	Approximately 240 feet upstream of Church Street East	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998) and HEC-HMS model (USACE 2009). Flow adjusted to account for non-uniform storm distribution and antecedent event as observed in May 1979 and May 2010 flood events in this section. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Sevenmile Creek Tributary 1	Confluence with Sevenmile Creek	Wilson County boundary	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Sevenmile Creek Tributary 2	Confluence with Sevenmile Creek	Approximately 900 feet upstream of Private Drive	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Shaw Branch	Confluence with Whites Creek	Approximately 1,240 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Sims Branch	Confluence with Mill Creek	Approximately 1,050 feet upstream of Interstate Highway 40	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Sorghum Branch	Confluence with Mill Creek	Approximately 760 feet upstream of Raywood Lane	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Sorghum Branch Overflow	Confluence with Sorghum Branch	Approximately 989 feet upstream of the confluence with Sorghum Branch	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
South Fork Sycamore Creek	Confluence with Sycamore Creek	Approximately 4,725 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
South Fork Sycamore Creek Tributary	Confluence with South Fork Sycamore Creek	Approximately 1.47 miles upstream of Ivey Point Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
South Harpeth River	Cheatham County boundary	Williamson County boundary	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Stonemeade Branch	Confluence with Trace Creek	Approximately 120 feet upstream of Private Drive	HEC-HMS 4.2.1 (USACE 2017)	HEC-RAS 5.0.7 (USACE 2019a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS – Phase 6 - Flood Insurance Update” (USACE 2019b).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Stoners Creek	Confluence with Stones River	Wilson County boundary	HEC-HMS 3.5 (USACE 2010b)	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, “Stoners Creek Basin, Flood Insurance Update” (USACE 2014b).
Stones River	Confluence with Cumberland River	Confluence with J. Percy Priest Reservoir	Other	HEC-RAS 4.1.0 (USACE 2010a)	04/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 3 2014 FIS Update, “Stones River, Flood Insurance Study” (USACE 2014c). Frequency Discharges were developed using Hydrologic Engineering Centers Statistical Software Package (HEC-SSP) and Hydrologic Modeling System (HMS). Procedures outlined in Bulletin 17B, “Guidelines for Determining Flood Flow Frequency” (USGS1982), were applied to compute the frequency flows for the 2-, 5-, 10-, 25-, 50-Year frequency floods. The 100-yr, 200-yr and 500-yr were developed by routing frequency flood hydrograph thru reservoir and following Nashville District Water Management Water Control manual Procedures for Emergency Operations. Starting Pool Elevation for all runs was El. 490 feet (NGVD 29) (USACE 2014c).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Sugartree Creek	Confluence with Richland Creek	Approximately 700 feet upstream of Seven Hills Boulevard	Other	HEC-RAS 4.1.0 (USACE 2010a)	10/01/2014	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Richland Creek Watershed, Flood Insurance Study" (USACE 2012e). A more complete description of the engineering methods can be found in, USACE Model Revision: Sugartree Creek (USACE 2014d).
Sulphur Branch	Confluence with South Fork Sycamore Creek	Approximately 980 feet upstream of Wilkinson Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4D, Flood Insurance Update" (USACE 2016-4D).
Sulphur Creek	Confluence with Cumberland River	Approximately 690 feet upstream of Old Hickory Boulevard	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Sycamore Creek	Robertson County boundary	Confluence with South Fork Sycamore Creek	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4D, Flood Insurance Update” (USACE 2016-4D).
Trace Creek	Confluence with Harpeth River	Williamson County boundary	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Harpeth River Tributaries, Flood Insurance Study” (USACE 2012g).
Trantham Creek	Confluence with Whites Creek	Approximately 175 feet upstream of Private Drive	Regression Equations (USGS 2000)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Tributary No. 1 to Overall Creek	Confluence with Overall Creek	Approximately 500 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Tributary to Richland Creek	Confluence with Richland Creek	Approximately 1,430 feet upstream of Bowling Avenue	Other	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE & AMEC. The hydraulic model was created by USACE and revised by AECOM. The hydrology is based on adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b). Normal depth of boundary condition used to model as open ended reach since concurrent flooding is not being modeled. The model revision takes into account the addition of the Whithworth Detention Basin and diversion channel upstream from study reach and was revised (USACE 2015) and revised the flows using HEC-HMS 3.4 (USACE 2010b).
Tributary to Richland Creek Overflow	Confluence with Tributary to Richland Creek	Approximately 370 feet upstream of Private Drive	Other	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE & AMEC. The hydraulic model was created by USACE and revised by AECOM. The hydrology is based on adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b). Normal depth of boundary condition used to model as open ended reach since concurrent flooding is not being modeled. The model revision takes into account the addition of the Whithworth Detention Basin and diversion channel upstream from study reach and was revised (USACE 2015) and revised the flows using HEC-HMS 3.4 (USACE 2010b).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Turkey Creek	Confluence with Mill Creek	Approximately 220 feet upstream of Cane Ridge Road	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Mill Creek Watershed, Flood Insurance Study" (USACE 2012d).
Unnamed Tributary to Whittemore Branch	Confluence with Whittemore Branch	Approximately 600 feet upstream of the confluence with Whittemore Branch	Regression Equations (USGS 1984)	HEC-RAS 3.1.3 (USACE 2005)	07/11/2008	AE w/ Floodway	The countywide FIS 2017 incorporated the Letter of Map Revision (LOMR) Case No. 08-04-0137P, issued for Unnamed Tributary to Whittemore Branch, final determination date July 11, 2008 (LOMR 2008; FIS 2017).
Vaughns Gap Branch	Confluence with Richland Creek	Approximately 420 feet upstream of Percy Warner Boulevard	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Richland Creek Watershed, Flood Insurance Study" (USACE 2012e).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Vaughns Gap Branch Overflow	Confluence with Vaughns Gap Branch	Approximately 2,280 feet upstream of the confluence with Vaughns Gap Branch	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE	The hydrologic and hydraulic models were performed by USACE & AMEC. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan (MWSSD 1990b) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Richland Creek Watershed, Flood Insurance Study” (USACE 2012e).
Vhoins Branch	Confluence with Ewing Creek	Approximately 350 feet upstream of Brick Church Lane	HEC-1 (USACE 1985)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from December 1988 Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan (WMSSD 1988) which used HEC-1 (USACE 1985) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Walkers Creek	Confluence with Mansker Creek	Approximately 360 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Metro Nashville PAS - Phase 4C, Flood Insurance Update” (USACE 2016-4C).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Walkers Creek Tributary	Confluence with Walkers Creek	Approximately 180 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	05/01/2019	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, "Metro Nashville PAS - Phase 4C, Flood Insurance Update" (USACE 2016-4C).
West Fork Browns Creek	Confluence with Middle Fork Browns Creek and West Fork Browns Creek	Approximately 145 feet upstream of Private Drive	Other	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from June 1990 Nashville-Davidson County Stormwater Management Study Browns Creek Basin Plan (MWSSD 1990a) and match flows used in April 2001 FIS (FIS 2001) Effective Model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Browns Creek Watershed, Flood Insurance Study" (USACE 2012b).
Whites Creek	Confluence with Cumberland River	Confluence of Cummings Branch	HEC-HMS 3.4 (USACE 2009)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 "Whites Creek Watershed, Flood Insurance Study" (USACE 2012f).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Whites Creek Tributary	Confluence with Whites Creek	Approximately 520 feet upstream of Moormans Arm Road	HEC-1 (USACE 1985)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. Adopted flows from December 1988 Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan (WMSSD 1988) which used HEC-1 (USACE 1985) and match flows used in the FIS 2001 effective model. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Whites Creek Watershed, Flood Insurance Study” (USACE 2012f).
Whittemore Branch	Confluence with Mill Creek	Approximately 490 feet upstream of Brentwood Highlands Drive	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).
Whittemore Branch Tributary	Confluence with Whittemore Branch	Approximately 150 feet upstream of Ocala Court South	HEC-1 (USACE 1998)	HEC-RAS 4.1.0 (USACE 2010a)	11/01/2012	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE & AMEC. Hydrology is based on 1998 Nashville-Davidson County Watershed Study HEC-1 Model (USACE 1998). A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 2 “Mill Creek Watershed, Flood Insurance Study” (USACE 2012d).

Table 12: Summary of Hydrologic and Hydraulic Analyses (continued)

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Windemere Branch	Confluence with Cumberland River	Approximately 770 feet upstream of Private Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Windemere Branch Tributary 1	Confluence with Windemere Branch	Approximately 1,300 feet upstream of Brookview Drive	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 4.1.0 (USACE 2010a)	02/01/2015	AE w/ Floodway	The hydrologic and hydraulic models were performed by USACE. A more complete description of the engineering methods can be found in, Nashville Flood Preparedness Phase 4A FIS Update, “Cumberland River Tributaries, Flood Insurance Study Update” (USACE 2015-4A).
Woods Lake Branch	Confluence with Dry Creek	Approximately 2,400 feet upstream of West Campbell Road	HEC-HMS 4.0 (USACE 2013)	HEC-RAS 5.0.7 (USACE 2019a)	09/01/2020	AE w/ Floodway	The hydrologic model was performed by USACE. The hydraulic model was created by USACE and revised by AECOM. A more complete description of the engineering methods can be found in, “Dry Creek Watershed, Flood Insurance Update” (USACE 2018).

Table 13: Roughness Coefficients

Flooding Source	Channel “n”	Overbank “n”
Apple Valley Branch	0.035-0.045	0.075-0.120
Bakers Fork	0.030-0.060	0.050-0.160
Bakers Fork Tributary	0.035-0.070	0.035-0.120
Barrywood Branch	0.035-0.050	0.060-0.130
Bear Hollow Branch	0.045-0.052	0.090-0.100
Belle Meade Branch	0.045	0.080-0.100
Belle Meade Branch	0.040-0.050	0.015-0.120
Brentwood Branch	0.040-0.050	0.100-0.101
Browns Creek	0.015-0.060	0.060-0.160
Browns Lake	N/A	N/A
Buffalo Creek	0.045-0.050	0.070-0.100
Bull Run	0.030-0.055	0.050-0.100
Carney Creek	0.040-0.052	0.080-0.100
Claylick Creek	0.040-0.055	0.090-0.120
Claylick Creek Overflow	0.055	0.120
Collins Creek	0.045-0.050	0.070-0.100
Cooper Creek	0.012-0.055	0.080-0.120
Cooper Creek Tributary 1	0.027-0.050	0.080-0.100
Cooper Creek Tributary 2	0.017-0.055	0.070-0.090
Crocker Springs Branch	0.045-0.050	0.080-0.120
Crocker Springs Branch Tributary 1	0.045-0.052	0.070-0.100
Cub Creek	0.035-0.050	0.060-0.120
Cumberland River	0.025-0.035	0.065-0.100
Cumberland River - Old Hickory Lake	N/A	N/A
Cummings Branch	0.035-0.050	0.070-0.120
Davidson Branch	0.020-0.048	0.070-0.100
Drakes Branch	0.035-0.050	0.070-0.090
Dry Creek	0.025-0.150	0.100-0.125
Dry Fork	0.030-0.050	0.065-0.120
Dry Fork Creek	0.040-0.055	0.070-0.120
Dry Fork Tributary 1	0.020-0.050	0.060-0.150
Dry Fork Tributary 2	0.025-0.060	0.070-0.120
Earthman Fork	0.042-0.052	0.070-0.120
Earthman Fork Tributary 2	0.050-0.055	0.070-0.120

Table 13: Roughness Coefficients (continued)

Flooding Source	Channel “n”	Overbank “n”
Earthman Fork Tributary 3	0.055	0.090-0.110
Earthman Fork Tributary 4	0.050-0.055	0.090-0.110
East Fork Browns Creek	0.020-0.050	0.070-0.130
East Fork Creek	0.045	0.080-0.100
East Fork Hamilton Creek	0.030-0.040	0.060-0.160
East Fork Hamilton Creek Tributary 1	0.040-0.060	0.060-0.080
East Fork Hamilton Creek Tributary 2	0.030-0.060	0.060-0.160
Eaton Creek	0.040-0.050	0.060-0.110
Elm Hill Tributary	0.030-0.050	0.070-0.120
Ewin Branch	0.035-0.045	0.080-0.100
Ewing Creek	0.035-0.050	0.060-0.080
Ewing Creek Tributary 1	0.020-0.050	0.065-0.100
Ewing Creek Tributary 2	0.015-0.050	0.070-0.100
Flat Creek	0.045-0.050	0.035-0.100
Flat Creek Overflow	0.040-0.045	0.070-0.100
Franklin Branch	0.040-0.055	0.070-0.120
Franklin Branch Tributary 1	0.035-0.055	0.080-0.120
Franklin Branch Tributary 2	0.055	0.120
Franklin Branch Tributary 3	0.055	0.120
Gibson Creek	0.030-0.050	0.060-0.120
Gibson Creek Tributary	0.050	0.060-0.100
Gibson Creek Tributary 1	0.040-0.050	0.060-0.120
Gibson Creek Tributary 1.1	0.035-0.050	0.080-0.100
Gibson Creek Tributary 2	0.045-0.050	0.070-0.100
Gizzards Branch	0.015-0.060	0.010-0.160
Gizzards Branch Tributary 1	0.035	0.070
Gizzards Branch Tributary 2	0.035-0.060	0.070
Glenrose Branch	0.045	0.100
Harpeth River	0.040-0.055	0.085-0.100
Harpeth River	0.045-0.150	0.030-0.180
Highway 100 Tributary	0.043-0.048	0.070-0.100
Holt Creek	0.043-0.047	0.070-0.120
Hurricane Creek	0.030-0.040	0.050-0.150
Indian Creek	0.045-0.055	0.050-0.100
Indian Creek (West)	0.035-0.050	0.070-0.110

Table 13: Roughness Coefficients (continued)

Flooding Source	Channel "n"	Overbank "n"
Indian Creek (West) Tributary 1	0.050	0.070-0.120
Indian Creek (West) Tributary 2	0.050	0.090-0.100
J. Percy Priest Reservoir	N/A	N/A
Jocelyn Hollow Branch	0.045	0.080-0.100
Jocelyn Hollow Branch Overflow	0.045	0.080-0.100
Johnson Hollow	0.045-0.055	0.070-0.110
Little Creek	0.040-0.055	0.070-0.120
Little Creek Tributary 1	0.045	0.070-0.120
Little Creek Tributary 2	0.052	0.080-0.120
Little East Fork Creek	0.045-0.050	0.070-0.120
Little Harpeth River	0.035-0.055	0.050-0.150
Little Marrowbone Creek	0.025-0.055	0.050-0.150
Little Marrowbone Creek Tributary	0.040	0.120
Long Creek	0.035-0.050	0.060-0.150
Long Creek Tributary	0.035-0.050	0.070-0.100
Long Creek Tributary A	0.045	0.100-0.130
Long Creek Tributary A	0.045	0.100-0.130
Loves Branch	0.013-0.050	0.060-0.120
Lumsley Fork	0.035-0.060	0.050-0.150
Mansker Creek	0.035-0.080	0.040-0.120
Mansker Creek Tributary 1	0.035-0.045	0.050-0.150
Mansker Creek Tributary 2	0.035-0.060	0.040-0.120
Marrowbone Creek	0.025-0.060	0.100-0.160
Marrowbone Lake	N/A	N/A
McCrory Creek	0.025-0.050	0.030-0.045
Middle Fork Browns Creek	0.025-0.060	0.065-0.110
Mill Creek	0.030-0.050	0.055-0.140
North Fork Ewing Creek	0.040-0.050	0.065-0.100
North Fork Ewing Creek Tributary 2	0.045-0.055	0.050-0.110
North Fork Ewing Creek Tributary 3	0.035-0.055	0.070-0.120
North Fork Ewing Creek Tributary 4	0.050	0.090
North Fork Ewing Creek Tributary 5	0.045	0.080-0.090

Table 13: Roughness Coefficients (continued)

Flooding Source	Channel “n”	Overbank “n”
North Fork Ewing Creek Tributary 6	0.050	0.090-0.100
North Fork Ewing Creek Tributary 7	0.042-0.049	0.060-0.120
North Fork Ewing Creek Tributary 8	0.038-0.040	0.050-0.110
Otter Creek	0.035-0.051	0.055-0.120
Overall Creek	0.035-0.060	0.035-0.160
Overall Creek Tributary 2	0.035-0.060	0.080-0.120
Owl Creek	0.035-0.055	0.060-0.120
Pages Branch	0.035-0.055	0.060-0.120
Pages Branch Tributary A	0.030-0.055	0.060-0.120
Pages Branch Tributary B	0.050-0.055	0.060-0.110
Pond Creek	0.045-0.055	0.035-0.120
Poplar Creek	0.045	0.065-0.120
Pulley Tributary	0.035-0.045	0.080-0120
Richland Creek	0.045-0.050	0.070-0.120
Richland Creek	0.045-0.050	0.015-0.120
Scotts Creek	0.030-0.055	0.050-0.120
Scotts Creek Tributary	0.033-0.045	0.070-0.120
Scotts Hollow	0.030-0.050	0.070-0.090
Sevenmile Creek	0.035-0.055	0.070-0.120
Sevenmile Creek Tributary 1	0.035-0.045	0.065-0.150
Sevenmile Creek Tributary 2	0.045-0.055	0.080-0.100
Shaw Branch	0.040-0.050	0.060-0.120
Sims Branch	0.035-0.045	0.060-0.100
Sorghum Branch	0.040-0.045	0.080-0.120
Sorghum Branch Overflow	0.040-0.045	0.080-0.120
South Fork Sycamore Creek	0.030-0.045	0.065-0.120
South Fork Sycamore Creek Tributary	0.040-0.045	0.045-0.100
South Harpeth River	0.035-0.050	0.070-0.120
Stonemeade Branch	0.045-0.050	0.080-0.120
Stoners Creek	0.030-0.055	0.060-0.125
Stones River	0.030-0.050	0.050-0.110
Sugartree Creek	0.025-0.045	0.070-0.120
Sulphur Branch	0.035-0.040	0.050-0.140

Table 13: Roughness Coefficients (continued)

Flooding Source	Channel “n”	Overbank “n”
Sulphur Creek	0.030-0.055	0.050-0.120
Sycamore Creek	0.035	0.070-0.120
Trace Creek	0.045	0.090-0.100
Trantham Creek	0.040-0.050	0.075-0.110
Tributary No. 1 to Overall Creek	0.050-0.060	0.070-0.120
Tributary to Richland Creek	0.045-0.120	0.055-0.120
Tributary to Richland Creek Overflow	0.055	0.080-0.120
Turkey Creek	0.045-0.050	0.060-0.120
Unnamed Tributary to Whittemore Branch	0.070	0.080-0.110
Vaughns Gap Branch	0.045-0.048	0.100
Vaughns Gap Branch Overflow	0.045-0.048	0.100
Vhoins Branch	0.045-0.055	0.080-0.120
Walkers Creek	0.030-0.060	0.060-0.150
Walkers Creek Tributary	0.030-0.050	0.050-0.100
West Fork Browns Creek	0.025-0.055	0.060-0.130
Whites Creek	0.045-0.050	0.060-0.100
Whites Creek Tributary	0.040-0.080	0.070-0.120
Whittemore Branch	0.045-0.075	0.080-0.120
Whittemore Branch Tributary	0.045	0.080-0.090
Windemere Branch	0.015-0.060	0.070-0.011
Windemere Branch Tributary 1	0.030-0.045	0.060-0.100
Woods Lake Branch	0.040-0.045	0.050-0.100

5.3 Coastal Analyses

This section is not applicable to this Flood Risk Project.

Table 14: Summary of Coastal Analyses

[Not Applicable to this Flood Risk Project]

5.3.1 Total Stillwater Elevations

This section is not applicable to this Flood Risk Project.

Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas

[Not Applicable to this Flood Risk Project]

Table 15: Tide Gage Analysis Specifics

[Not Applicable to this Flood Risk Project]

5.3.2 Waves

This section is not applicable to this Flood Risk Project.

5.3.3 Coastal Erosion

This section is not applicable to this Flood Risk Project.

5.3.4 Wave Hazard Analyses

This section is not applicable to this Flood Risk Project.

Table 16: Coastal Transect Parameters

[Not Applicable to this Flood Risk Project]

Figure 9: Transect Location Map

[Not applicable to this Flood Risk Project]

5.4 Alluvial Fan Analyses

This section is not applicable to this Flood Risk Project.

Table 17: Summary of Alluvial Fan Analyses

[Not Applicable to this Flood Risk Project]

Table 18: Results of Alluvial Fan Analyses

[Not Applicable to this Flood Risk Project]

SECTION 6.0 – MAPPING METHODS

6.1 Vertical and Horizontal Control

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 used for newly created or revised FIS Reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS Reports and FIRMs are now prepared using NAVD88 as the referenced vertical datum.

Flood elevations shown in this FIS Report and on the FIRMs are referenced to NAVD88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between NGVD29 and NAVD88 or other datum conversion, visit the National Geodetic Survey website at 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 archived project documentation associated with the FIS Report and the FIRMs for this community. Interested individuals may contact FEMA to access these data.

To obtain current elevation, description, and/or location information for benchmarks in the area, please visit the NGS website at www.ngs.noaa.gov.

The datum conversion locations and values that were calculated for Davidson County are provided in Table 19.

Table 19: Countywide Vertical Datum Conversion

Quadrangle Name	Quadrangle Corner	Latitude	Longitude	Conversion from NGVD29 to NAVD88 (feet)
Average Conversion from NGVD29 to NAVD88 = -0.104 ft.				

Table 20: Stream-Based Vertical Datum Conversion

[Not Applicable to this Flood Risk Project]

6.2 Base Map

The FIRMs and FIS Report for this project have been produced in a digital format. The flood hazard information was converted to a Geographic Information System (GIS) format that meets FEMA's FIRM Database specifications and geographic information standards. This information is provided in a digital format so that it can be incorporated into a local GIS and be accessed more easily by the community. The FIRM Database includes most of the tabular information contained in the FIS Report in such a way that the data can be associated with pertinent spatial features. For example, the information contained in the Floodway Data table and Flood Profiles can be linked to the cross sections that are shown on the FIRMs. Additional information about the FIRM Database and its contents can be found in FEMA's *Guidelines and Standards for Flood Risk Analysis and Mapping*, www.fema.gov/flood-maps/guidance-partners/guidelines-standards.

Base map information shown on the FIRM was derived from the sources described in Table 21.

Table 21: Base Map Sources

Data Type	Data Provider	Data Date	Data Scale	Data Description
Digital Orthophoto	Tennessee Department of Transportation (TDOT), Office of Aerial Surveys	11/01/2016	N/A	S_Base_Index. Raster imagery for study area. (TDOT 2017)
Digital Orthophoto	TDOT, Office of Aerial Surveys	08/28/2013	N/A	S_Base_Index Orthophotography. S_Base_Index table contains information about the raster data used as a base map for Davidson County, Tennessee. (TDOT 2013)
HUC Boundaries	United States Geological Survey (USGS)	01/01/1994	N/A	HUC8 boundary shapes (USGS 1994)
Political Boundaries	State of Tennessee Department of Finance and Administration GIS Department	07/03/2012	N/A	S_Pol_Ar. County Boundary (TNOIRGIS 2012)
Political Boundaries	Comptroller of the Treasury by various TN municipalities	01/17/2020	N/A	S_Pol_Ar. Incorporated Areas Boundaries. (TNOIRGIS 2020a)
Political Boundaries	State of Tennessee Department of Finance and Administration GIS Department	03/14/2011	N/A	County Boundary (TNOIRGIS 2011)
Political Boundaries	Nashville Planning Department	06/20/2018	N/A	S_POL_AR. City Boundaries (NPD 2018)
Political Boundaries and Transportation Features	Metro Davidson County Planning Department	08/15/2013	N/A	Transportation, political areas, political lines, parcels (MDCPD 2013)
Surface Water Features	State of Tennessee Department of Finance and Administration GIS Department	03/12/2014	1:24,000	Water line and attribute information. (S_WTR_LN) (TNOIRGIS 2014)
Surface Water Features	State of Tennessee Department of Finance and Administration GIS Department	04/18/2017	N/A	S_Wtr_Ln. Waterlines. (TNOIRGIS 2017)
Transportation Features	State of Tennessee Department of Finance and Administration GIS Department	10/01/2007	N/A	S_Trnsprt_Ln. Rail feature lines. (TNOIRGIS 2005)

Table 21: Base Map Sources (continued)

Data Type	Data Provider	Data Date	Data Scale	Data Description
Transportation Features	State of Tennessee Department of Finance and Administration GIS Department	04/22/2020	N/A	S_Trnsport_Ln. Road transportation lines. (TNOIRGIS 2020b)
Transportation Features	State of Tennessee Department of Finance and Administration GIS Department	06/05/2018	N/A	Roads (S_Trnsport_Ln) from Tennessee Department of Finance and Administration (TNOIRGIS 2018a)
Transportation Features	State of Tennessee Department of Finance and Administration GIS Department	06/05/2018	N/A	Railroad transportation features in S_Trnsport_Ln (TNOIRGIS 2018b)

6.3 Floodplain and Floodway Delineation

The FIRM shows tints, screens, and symbols to indicate floodplains and floodways as well as the locations of selected cross sections used in the hydraulic analyses and floodway computations.

For riverine flooding sources, the mapped floodplain boundaries shown on the FIRM have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in Table 22.

In cases where the 1-percent and 0.2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-annual-chance floodplain boundary has been shown. 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.

The floodway widths presented in this FIS Report and on the FIRM were computed for certain stream segments on the basis of equal conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. Table 2 indicates the flooding sources for which floodways have been determined. The results of the floodway computations for those flooding sources have been tabulated for selected cross sections and are shown in Table 23, "Floodway Data."

Certain flooding sources may have been studied that do not have published BFEs on the FIRMs, or for which there is a need to report the 1-percent-annual-chance flood elevations at selected cross sections because a published Flood Profile does not exist in this FIS Report. These streams may have also been studied using methods to determine non-encroachment zones rather than floodways. For these flooding sources, the 1-percent-annual-chance floodplain boundaries have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in Table 22. All topographic data used for modeling or mapping has been converted as necessary to

NAVD88. The 1-percent-annual-chance elevations for selected cross sections along these flooding sources, along with their non-encroachment widths, if calculated, are shown in Table 24, “Flood Hazard and Non-Encroachment Data for Selected Streams.”

Table 22: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Vertical Accuracy	Horizontal Accuracy	Citation
Berry Hill, City of; Metropolitan Government of Nashville and Davidson County; Ridgetop, City of	Flooding Sources studied in FIS Reports 47037CV001C and 47037CV001D	Light Detection and Ranging data (LiDAR)	0.096 meter RMSEz	1.7308 meters at 95% confidence level	Woolpert 2016
Belle Meade, City of; Forest Hills, City of; Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County; Oak Hill, City of; Ridgetop, City of	Flooding Sources studied before FIS Report 47037CV001C	Light Detection and Ranging data (LiDAR)	2.44 meters RMSEz	1.7308 meters at 95% confidence level	Photo Science Inc. 2013

BFEs shown at cross sections on the FIRM represent the 1-percent-annual-chance water surface elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report.

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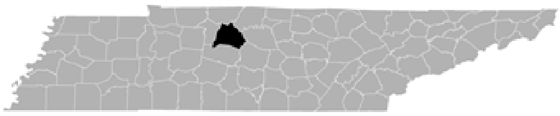

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV004D
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Apple Valley Branch	001-002 P
Bakers Fork	003-006b P
Bakers Fork Tributary	007-008 P
Barrywood Branch	009-010 P
Bear Hollow Branch	011-012 P
Belle Meade Branch	013-015 P
Brentwood Branch	016-017 P
Browns Creek	018-021 P
Buffalo Creek	021a-023 P
Bull Run	024-028 P
Carney Creek	029-030 P
Claylick Creek	031-033 P
Claylick Creek Overflow	034 P
Collins Creek	035-036 P
Cooper Creek	037-040 P
Cooper Creek Tributary 1	041-042 P
Cooper Creek Tributary 2	043 P
Crocker Springs Branch	044-045 P
Crocker Springs Branch Tributary 1	046 P
Cub Creek	047-049a P
Cumberland River	050-060 P
Cumberland River - Old Hickory Lake	061-062 P
Cummings Branch	063-065 P
Davidson Branch	066-067 P
Drakes Branch	068-069 P
Dry Creek	070-073 P
Dry Fork	074-076 P
Dry Fork Creek	077-079 P
Dry Fork Tributary 1	080-081 P
Dry Fork Tributary 2	082 P

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Published Separately

Table 23: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	437	83	525	4.4	473.8	473.8	473.8	0.0
B	2,125	95	339	4.9	489.6	489.6	490.6	1.0
C	3,713	42	156	8.0	506.4	506.4	506.8	0.4
D	5,618	53	192	3.9	539.2	539.2	540.1	0.9

[1] Feet above the confluence with Woods Lake Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: APPLE VALLEY BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	899	230	937	4.6	469.4	469.4	470.4	1.0
B	1,724	150	699	6.2	473.3	473.3	473.7	0.4
C	2,527	180	594	7.3	476.6	476.6	477.1	0.5
D	3,203	108	508	8.5	479.8	479.8	479.9	0.1
E	4,780	158	601	4.3	488.4	488.4	488.8	0.4
F	5,493	230	529	4.9	493.4	493.4	493.5	0.1
G	6,638	119	343	7.5	500.7	500.7	500.8	0.1
H	7,905	129	348	7.4	507.1	507.1	507.3	0.2
I	8,971	107	377	6.8	514.1	514.1	514.2	0.1
J	9,943	270	446	5.8	520.1	520.1	520.1	0.0
K	11,112	70	228	6.5	527.2	527.2	527.7	0.5
L	12,335	50	226	6.6	535.4	535.4	536.0	0.6
M	13,274	75	423	3.5	544.2	544.2	544.6	0.4
N	14,276	100	304	4.9	548.3	548.3	548.9	0.6
O	15,094	80	321	4.6	554.3	554.3	554.9	0.6
P	16,240	90	277	5.4	562.7	562.7	562.9	0.2
Q	17,384	60	299	5.0	574.1	574.1	574.8	0.7
R	18,190	145	195	4.6	581.6	581.6	581.6	0.0
S	18,976	43	190	4.7	589.8	589.8	590.0	0.2
T	20,137	27	130	6.8	601.7	601.7	602.0	0.3
U	21,617	21	121	7.4	619.9	619.9	620.4	0.5
V	23,456	21	107	8.3	647.2	647.2	647.7	0.5

[1] Feet above the confluence with Walkers Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BAKERS FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	25067	41	125	7.1	673.4	673.4	673.7	0.3
X	26648	25	119	7.5	701.9	701.9	702.3	0.4
Y	28141	36	105	8.5	750.3	750.3	750.3	0.0
Z	29467	23	82	10.8	798.1	798.1	798.5	0.4

[1] Feet above the confluence with Walkers Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BAKERS FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	458	40	219	6.5	484.1	484.1	484.6	0.5
B	1,592	55	211	6.8	492.5	492.5	493.1	0.6
C	2,827	69	249	5.7	500.6	500.6	501.1	0.5
D	3,761	140	378	3.8	507.2	507.2	507.5	0.3
E	4,527	70	238	3.0	512.4	512.4	512.9	0.5
F	5,836	26	101	7.1	522.1	522.1	522.6	0.5
G	7,122	30	83	8.6	531.9	531.9	531.9	0.0
H	8,012	25	123	5.8	540.1	540.1	540.7	0.6
I	9,255	24	72	9.9	552.0	552.0	552.1	0.1
J	10,951	72	180	4.0	569.2	569.2	570.2	1.0
K	11,729	19	72	10.0	578.6	578.6	578.8	0.2

[1] Feet above the confluence with Bakers Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BAKERS FORK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	586	250	1,040	3.2	521.6	521.6	522.4	0.8
B	1,879	216	545	5.1	525.5	525.5	525.5	0.0
C	3,007	175	652	2.6	531.7	531.7	532.4	0.7
D	3,860	60	254	6.8	537.6	537.6	538.2	0.6
E	4,706	105	264	6.5	545.2	545.2	545.6	0.4
F	5,602	61	225	4.0	554.2	554.2	554.6	0.4
G	6,165	95	382	2.4	560.5	560.5	560.8	0.3
H	6,869	65	166	5.4	562.5	562.5	562.9	0.4

[1] Feet above the confluence with Sevenmile Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BARRYWOOD BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	511	83	192	5.3	553.7	553.7	553.9	0.2
B	798	25	84	10.2	558.5	558.5	558.5	0.0
C	1,309	41	115	6.8	566.2	566.2	566.2	0.0
D	1,662	25	85	9.2	571.3	571.3	571.5	0.2
E	1,941	19	82	9.6	574.9	574.9	575.4	0.5
F	2,226	27	130	6.0	580.3	580.3	580.3	0.0
G	2,667	90	194	4.0	586.4	586.4	586.5	0.1
H	3,153	24	130	5.4	592.0	592.0	592.2	0.2
I	3,952	71	141	5.0	607.3	607.3	607.3	0.0

[1] Feet above the confluence with Earthman Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BEAR HOLLOW BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	230	175	524	3.4	529.7	529.7	530.4	0.7
B	1,261	157	521	3.4	539.5	539.5	539.9	0.4
C	2,808	120	412	4.1	557.2	557.2	557.6	0.4
D	3,836	30	136	7.3	566.0	566.0	566.4	0.4
E	5,355	37	120	6.5	584.7	584.7	584.9	0.2
F	6,580	90	161	4.9	602.7	602.7	603.1	0.4
G	8,270	41	102	6.1	627.4	627.4	627.7	0.3
H	9,721	17	68	6.3	648.8	648.8	649.7	0.9
I	10,792	18	48	8.2	666.8	666.8	667.0	0.2

[1] Feet above the confluence with Richland Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BELLE MEADE BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,170	204	755	3.2	545.4	545.4	546.2	0.8
B	2,546	104	575	4.2	555.8	555.8	555.9	0.1
C	3,977	67	271	6.5	563.7	563.7	564.6	0.9
D	5,193	99	490	3.6	575.1	575.1	575.9	0.8
E	6,564	71	285	6.2	588.8	588.8	589.8	1.0
F	7,225	190	855	2.1	597.2	597.2	597.6	0.4

[1] Feet above the confluence with Sevenmile Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BRENTWOOD BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,243	102	1,641	6.1	416.5	411.7[2]	412.7	1.0
B	3,623	170	2,606	3.7	417.2	417.2	417.9	0.7
C	5,405	162	2,570	3.7	418.5	418.5	419.1	0.6
D	7,334	91	1,059	8.5	419.9	419.9	420.4	0.5
E	8,190	450	2,108	4.3	428.7	428.7	429.3	0.6
F	9,664	420	4,409	2.0	430.0	430.0	430.9	0.9
G	10,718	330	2,086	4.1	432.1	432.1	433.0	0.9
H	11,495	186	2,228	3.8	443.2	443.2	443.2	0.0
I	12,568	420	2,473	3.4	444.3	444.3	444.3	0.0
J	13,170	478	2,208	3.8	445.0	445.0	445.1	0.1
K	14,700	137	981	8.0	451.2	451.2	451.3	0.1
L	16,125	336	2,129	3.4	458.0	458.0	458.9	0.9
M	17,675	565	1,747	4.2	465.0	465.0	465.4	0.4
N	19,461	85	848	8.6	472.5	472.5	472.7	0.2
O	19,933	80	799	5.7	478.7	478.7	479.6	0.9
P	22,801	85	1,180	3.9	494.0	494.0	494.2	0.2

[1] Feet above the confluence with Cumberland River
[2] Elevation computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BROWNS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,696	145	694	3.6	542.0	528.0[2]	528.0	0.0
B	3,418	53	319	4.4	542.0	534.5[2]	534.9	0.4
C	3,901	68	194	7.3	542.0	537.3[2]	537.4	0.1
D	4,879	128	270	5.2	544.4	544.4	544.8	0.4
E	6,391	32	153	8.3	553.7	553.7	554.3	0.6
F	6,640	68	373	3.4	555.8	555.8	556.1	0.3
G	7,475	85	293	4.3	560.2	560.2	560.6	0.4
H	9,060	64	213	5.1	571.3	571.3	571.5	0.2
I	10,329	90	135	7.0	580.4	580.4	580.4	0.0
J	11,376	46	134	7.1	588.7	588.7	588.9	0.2
K	12,569	25	79	8.7	600.6	600.6	600.8	0.2
L	13,087	33	105	5.9	607.4	607.4	607.6	0.2
M	13,525	80	426	1.5	616.2	616.2	616.9	0.7
N	14,038	28	96	5.7	618.0	618.0	618.6	0.6
O	14,820	16	48	9.8	627.2	627.2	627.2	0.0
P	15,137	48	73	6.4	635.9	635.9	635.9	0.0
Q	15,402	64	89	5.3	640.2	640.2	640.4	0.2
R	15,844	20	69	6.8	648.2	648.2	648.6	0.4
S	16,078	46	80	5.9	656.3	656.3	656.7	0.4

[1] Feet above the confluence with Harpeth River
[2] Elevations computed without consideration of backwater effects from Harpeth River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BUFFALO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	7,460	520	4,775	1.4	412.2	412.2	412.2	0.0
B	9,378	330	1,480	4.5	412.9	412.9	413.4	0.5
C	11,242	275	1,690	3.9	421.0	421.0	421.7	0.7
D	13,056	225	909	6.8	428.2	428.2	428.6	0.4
E	14,934	200	1,203	5.1	438.7	438.7	439.6	0.9
F	16,813	200	1,032	5.3	447.9	447.9	448.6	0.7
G	18,515	100	679	6.5	458.7	458.7	459.7	1.0
H	20,461	175	1,122	4.0	473.6	473.6	474.6	1.0
I	22,232	70	361	10.7	485.5	485.5	485.6	0.1
J	24,058	210	756	4.0	497.1	497.1	498.1	1.0
K	25,920	100	476	4.3	514.0	514.0	514.0	0.0
L	27,859	24	140	7.1	531.6	531.6	532.5	0.9
M	29,464	16	79	12.6	552.0	552.0	552.0	0.0
N	30,516	31	119	8.3	567.5	567.5	567.8	0.3

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BULL RUN

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	243	103	319	2.8	521.7	521.7	522.1	0.4
B	1,772	25	113	6.6	536.0	536.0	536.5	0.5
C	3,507	32	75	7.1	558.2	558.2	558.6	0.4

[1] Feet above the confluence with Dry Fork Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CARNEY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	614	225	636	3.8	515.5	513.9[2]	514.3	0.4
B	2,172	60	316	6.9	522.0	522.0	522.2	0.2
C	3,814	50	432	5.0	534.5	534.5	535.2	0.7
D	5,469	50	419	4.6	540.1	540.1	541.1	1.0
E	7,129	90	417	4.1	546.2	546.2	546.7	0.5
F	8,716	50	287	5.2	559.3	559.3	559.3	0.0
G	10,254	75	357	5.5	572.2	572.2	572.5	0.3
H	11,714	38	170	5.7	588.2	588.2	588.2	0.0
I	13,174	25	118	7.4	607.9	607.9	608.0	0.1

[1] Feet above the confluence with Whites Creek
[2] Elevations computed without consideration of backwater effects from Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CLAYLICK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,161	250	821	5.0	517.4	509.4[2]	510.1	0.7
B	3,963	70	598	6.9	518.0	518.0	518.6	0.6
C	5,199	69	950	4.4	528.5	528.5	528.9	0.4
D	7,451	75	604	5.0	531.7	531.7	532.6	0.9

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: COLLINS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,618	190	1,257	3.0	419.1	413.7[2]	414.4	0.7
B	7,089	240	582	6.2	419.1	417.5[2]	418.3	0.8
C	8,665	220	797	4.1	425.9	425.9	426.4	0.5
D	9,991	170	557	5.7	432.8	432.8	433.2	0.4
E	11,481	50	259	6.0	443.3	443.3	443.4	0.1
F	12,950	57	228	6.4	451.1	451.1	451.5	0.4
G	14,647	76	299	3.7	471.5	471.5	472.1	0.6
H	15,782	58	188	5.8	486.6	486.6	487.2	0.7
I	17,147	150	163	5.4	500.3	500.3	500.4	0.1
J	18,670	177	249	1.1	517.5	517.5	517.5	0.0
K	20,098	16	35	4.0	538.4	538.4	538.8	0.4
L	21,298	31	79	1.8	565.5	565.5	565.6	0.1

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: COOPER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	181	31	180	8.5	436.4	436.4	436.8	0.4
B	1,301	28	139	3.2	456.8	456.8	456.9	0.2
C	2,369	56	75	4.7	474.7	474.7	474.7	0.1
D	3,753	57	162	1.5	498.4	498.4	498.7	0.3
E	5,036	12	16	6.4	527.0	527.0	527.2	0.2
F	5,937	17	24	4.5	568.2	568.2	568.3	0.0

[1] Feet above the confluence with Cooper Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: COOPER CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	172	60	192	5.3	451.0	448.4[2]	448.5	0.1
B	1,672	128	325	2.6	465.0	465.0	465.4	0.4
C	3,140	16	83	6.8	481.8	481.8	482.5	0.7
D	4,327	23	44	8.4	494.3	494.3	494.3	0.0
E	5,382	19	44	8.3	509.6	509.6	509.7	0.0

[1] Feet above the confluence with Cooper Creek Tributary 1
[2] Elevations computed without consideration of backwater effects from Cooper Creek Tributary 1

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: COOPER CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,330	61	207	6.9	536.0	536.0	536.1	0.1
B	3,985	187	499	2.9	550.5	550.5	550.8	0.3
C	5,500	165	394	3.2	563.5	563.5	564.1	0.6
D	6,957	44	121	6.6	577.5	577.5	578.0	0.5
E	8,516	72	317	2.2	601.5	601.5	601.7	0.2
F	10,129	49	96	6.7	618.2	618.2	618.3	0.1

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CROCKER SPRINGS BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	175	42	94	7.2	577.6	577.6	577.7	0.1
B	1,278	12	60	8.3	600.1	600.1	600.5	0.4
C	2,515	54	49	6.8	626.3	626.3	626.3	0.0

[1] Feet above the confluence with Crocker Springs Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CROCKER SPRINGS BRANCH TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	7,487	325	1,171	3.7	408.6	408.6	409.6	1.0
B	9,118	325	1,919	2.3	420.5	420.5	420.8	0.3
C	10,750	150	797	5.1	427.8	427.8	428.4	0.6
D	12,109	95	348	7.3	437.2	437.2	437.6	0.4
E	13,636	95	356	7.1	448.9	448.9	449.4	0.5
F	15,089	74	258	5.9	460.3	460.3	460.3	0.0
G	16,142	50	281	5.5	474.2	474.2	475.2	1.0
H	17,360	48	239	6.4	486.8	486.8	486.8	0.0
I	18,802	24	63	9.3	507.9	507.9	507.9	0.0
J	19,600	23	71	8.2	517.5	517.5	517.5	0.0

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUB CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	850,474	1,020 / 686[2]	32,653	4.8	404.2	404.2	405.1	0.9
B	852,223	1,490	37,334	4.2	404.3	404.3	405.3	1.0
C	855,601	1,325	33,959	4.6	404.5	404.5	405.5	1.0
D	857,746	1,020	28,749	5.4	404.6	404.6	405.5	0.9
E	859,526	1,000	25,027	6.2	404.6	404.6	405.5	0.9
F	861,897	900	26,992	5.7	405.1	405.1	405.9	0.8
G	864,037	1,100	29,030	5.3	405.2	405.2	406.1	0.9
H	867,100	1,500	39,321	3.9	405.4	405.4	406.4	1.0
I	868,429	1,700	43,766	3.5	405.6	405.6	406.5	0.9
J	871,125	2,000	46,021	3.4	405.7	405.7	406.6	0.9
K	872,158	1,860	34,896	4.4	405.7	405.7	406.6	0.9
L	873,576	1,900	39,907	3.9	405.8	405.8	406.8	1.0
M	875,672	1,900	41,737	3.7	406.0	406.0	406.9	0.9
N	880,545	1,330	29,752	5.2	406.1	406.1	407.1	1.0
O	881,994	1,520	36,073	4.3	406.3	406.3	407.3	1.0
P	884,106	1,910	41,205	3.8	406.4	406.4	407.4	1.0
Q	886,503	1,600	33,023	4.7	406.5	406.5	407.5	1.0
R	888,423	1,300	33,484	4.6	406.8	406.8	407.7	0.9
S	893,429	1,600	32,148	4.8	407.2	407.2	408.0	0.8
T	895,720	1,600	30,740	5.0	407.3	407.3	408.2	0.9
U	898,293	1,990	36,822	4.2	407.6	407.6	408.6	1.0
V	900,141	2,000	36,874	4.2	407.7	407.7	408.6	0.9

[1] Feet above mouth
[2] Width extends beyond county boundary

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	903,622	2,170	33,491	4.6	407.8	407.8	408.8	1.0
X	905,239	2,250	39,848	3.9	408.4	408.4	409.2	0.8
Y	906,524	2,310	41,900	3.7	408.4	408.4	409.3	0.9
Z	907,890	2,350	37,755	4.1	408.5	408.5	409.4	0.9
AA	910,950	1,900	42,851	3.6	408.7	408.7	409.6	0.9
AB	912,860	1,600	44,523	3.5	409.0	409.0	409.8	0.8
AC	917,569	1,425	32,527	4.8	409.1	409.1	410.0	0.9
AD	921,877	1,615	34,680	4.5	409.6	409.6	410.4	0.8
AE	924,425	1,610	37,528	4.1	409.9	409.9	410.7	0.8
AF	927,233	1,640	35,508	4.4	410.2	410.2	411.0	0.8
AG	930,552	1,670	33,303	4.7	410.4	410.4	411.2	0.8
AH	932,863	1,725	54,330	2.9	410.7	410.7	411.5	0.8
AI	935,181	1,625	41,622	3.7	410.8	410.8	411.6	0.8
AJ	936,178	1,625	41,204	3.8	410.9	410.9	411.6	0.7
AK	938,092	1,300	33,530	4.6	410.9	410.9	411.7	0.8
AL	941,293	900	29,928	5.2	411.3	411.3	412.0	0.7
AM	943,837	750	28,154	5.5	411.5	411.5	412.2	0.7
AN	946,390	600	25,935	6.0	411.7	411.7	412.3	0.6
AO	949,105	530	23,698	6.5	411.7	411.7	412.5	0.8
AP	951,662	840	33,067	4.7	412.3	412.3	413.1	0.8
AQ	952,822	991	35,805	4.3	412.4	412.4	413.2	0.8
AR	953,765	930	34,375	4.5	412.4	412.4	413.2	0.8

[1] Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AS	956,159	725	30,182	5.1	412.5	412.5	413.3	0.8
AT	958,593	570	27,244	5.7	412.7	412.7	413.4	0.7
AU	960,993	600	26,314	5.9	412.8	412.8	413.6	0.8
AV	962,275	617	26,469	5.9	412.9	412.9	413.7	0.8
AW	964,679	634	26,830	5.8	413.1	413.1	413.9	0.8
AX	967,006	638	26,511	5.9	413.3	413.3	414.1	0.8
AY	969,281	667	27,994	5.5	413.7	413.7	414.3	0.6
AZ	970,779	618	25,316	6.1	413.7	413.7	414.4	0.7
BA	972,695	600	25,740	6.0	413.9	413.9	414.6	0.7
BB	976,003	710	31,436	4.9	414.3	414.3	415.1	0.8
BC	977,367	900	38,473	4.0	414.6	414.6	415.3	0.7
BD	980,619	601	26,813	5.8	414.6	414.6	415.3	0.7
BE	983,299	635	31,259	5.0	415.0	415.0	415.7	0.7
BF	985,287	558	26,401	5.9	415.0	415.0	415.7	0.7
BG	988,146	645	28,440	5.5	415.5	415.5	416.2	0.7
BH	990,483	590	27,858	5.6	415.9	415.9	416.6	0.7
BI	992,718	660	30,471	5.1	416.1	416.1	416.8	0.7
BJ	995,026	660	30,026	5.2	416.3	416.3	417.0	0.7
BK	997,722	660	27,514	5.6	416.5	416.5	417.2	0.7
BL	1,001,027	660	29,316	5.3	417.1	417.1	417.6	0.5
BM	1,002,530	1,010	37,225	4.2	417.3	417.3	417.9	0.6
BN	1,006,699	1,330	44,402	3.5	417.6	417.6	418.3	0.7

[1] Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BO	1,009,150	1,160	30,724	5.0	417.7	417.7	418.3	0.6
BP	1,012,129	1,080	31,927	4.9	418.0	418.0	418.6	0.6
BQ	1,013,413	1,169	36,461	4.3	418.0	418.0	418.7	0.7
BR	1,016,631	1,556	30,932	5.0	418.2	418.2	419.0	0.8
BS	1,018,484	1,750	34,456	4.5	418.9	418.9	419.6	0.7
BT	1,020,421	1,250	30,129	5.1	419.0	419.0	419.7	0.7
BU	1,021,722	740	28,535	5.4	419.1	419.1	419.8	0.7
BV	1,023,895	716	32,702	4.7	419.5	419.5	420.2	0.7
BW	1,026,291	521	24,639	6.3	419.5	419.5	420.2	0.7
BX	1,027,542	600	27,922	5.6	419.9	419.9	420.5	0.6
BY	1,029,882	600	28,703	5.4	420.1	420.1	420.8	0.7
BZ	1,033,905	600	24,840	6.2	420.4	420.4	421.1	0.7
CA	1,038,259	570	24,088	6.4	421.0	421.0	421.6	0.6
CB	1,040,437	770	25,522	6.1	421.3	421.3	422.0	0.7
CC	1,041,926	790	25,216	6.2	421.5	421.5	422.1	0.6
CD	1,045,554	1,030	28,083	5.5	422.0	422.0	422.7	0.7
CE	1,049,945	1,165	35,380	4.4	422.6	422.6	423.3	0.7
CF	1,051,581	1,200	33,406	4.6	422.7	422.7	423.4	0.7
CG	1,053,116	1,200	33,385	4.6	422.8	422.8	423.5	0.7
CH	1,055,212	1,250	33,226	4.7	423.0	423.0	423.7	0.7
CI	1,056,243	1,300	33,631	4.6	423.1	423.1	423.8	0.7
CJ	1,057,624	1,300	34,266	4.5	423.2	423.2	424.0	0.8

[1] Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CK	1,059,232	1,150	37,558	4.1	423.4	423.4	424.2	0.8
CL	1,061,239	1,000	35,196	4.4	423.6	423.6	424.3	0.7
CM	1,064,750	1,025	33,298	4.7	423.9	423.9	424.7	0.8
CN	1,070,896	1,100	31,657	6.3	424.5	424.5	425.3	0.8
CO	1,074,289	1,300	27,365	7.2	424.9	424.9	425.7	0.8
CP	1,075,687	1,500	30,911	6.4	425.6	425.6	426.4	0.8
CQ	1,077,405	2,100	42,594	4.7	426.4	426.4	427.2	0.8
CR	1,078,780	2,080	44,737	4.4	426.6	426.6	427.4	0.8
CS	1,080,854	2,140	47,601	4.2	427.0	427.0	427.8	0.8
CT	1,081,970	2,120	40,821	4.9	427.0	427.0	427.8	0.8
CU	1,084,534	2,005	40,858	4.9	427.3	427.3	428.1	0.8
CV	1,086,224	1,840	37,864	5.2	427.5	427.5	428.4	0.9
CW	1,088,485	1,650	40,714	4.9	428.3	428.3	429.0	0.7
CX	1,090,501	1,150	31,961	6.2	428.5	428.5	429.3	0.8
CY	1,092,343	1,820	40,625	4.9	428.7	428.7	429.5	0.8
CZ	1,093,792	1,970	48,943	4.1	429.0	429.0	429.9	0.9
DA	1,095,407	1,645	48,609	4.1	429.3	429.3	430.2	0.9
DB	1,096,855	1,500	42,392	4.7	429.4	429.4	430.3	0.9
DC	1,101,210	1,100	31,379	6.3	430.0	430.0	430.7	0.7
DD	1,103,015	1,100	31,290	6.3	430.1	430.1	430.9	0.8
DE	1,105,763	1,100	31,385	6.3	430.7	430.7	431.5	0.8
DF	1,108,089	1,100	27,090	7.3	430.8	430.8	431.8	1.0

[1] Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
DG	1,110,489	1,100	34,764	5.7	432.1	432.1	432.9	0.8
DH	1,112,431	1,100	29,522	6.7	432.1	432.1	432.9	0.8
DI	1,114,556	1,120	29,130	6.8	432.6	432.6	433.2	0.6
DJ	1,117,829	1,100 / 544[2]	39,174	5.1	433.6	433.6	434.5	0.9
DK	1,120,299	820 / 602[2]	46,642	4.3	434.1	434.1	435.1	1.0

[1] Feet above mouth
[2] Width extends beyond county boundary

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	785	93	361	5.4	535.8	535.8	536.5	0.7
B	2,241	72	279	6.0	545.4	545.4	546.2	0.8
C	3,721	60	295	5.7	557.0	557.0	557.7	0.7
D	5,252	85	385	3.6	572.9	572.9	573.4	0.5
E	6,886	157	241	5.7	588.3	588.3	588.3	0.0
F	8,155	72	148	6.0	599.9	599.9	600.0	0.1
G	9,639	74	178	4.9	615.5	615.5	616.5	1.0
H	11,021	17	52	10.1	634.8	634.8	634.8	0.0
I	12,312	37	94	4.2	654.5	654.5	654.5	0.0
J	13,829	97	205	1.3	693.5	693.5	693.5	0.0
K	14,930	39	44	5.9	766.7	766.7	766.7	0.0

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMMINGS BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	994	44	395	12.5	407.2	378.1[2]	378.8	0.7
B	2,322	44	255	7.8	407.2	395.3[2]	395.4	0.1
C	3,156	102	1,571	1.2	418.7	418.7	418.7	0.0
D	3,970	185	1,448	1.1	421.5	421.5	421.5	0.0
E	5,203	62	199	7.4	432.3	432.3	432.3	0.0
F	6,371	24	137	8.8	450.1	450.1	450.5	0.4
G	7,862	102	473	2.0	465.1	465.1	465.7	0.6
H	8,784	30	104	9.3	493.1	493.1	493.2	0.1

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DAVIDSON BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,031	155	671	4.4	417.0	412.4[2]	413.0	0.6
B	3,095	89	451	6.6	422.2	422.2	423.1	0.9
C	4,646	75	346	6.0	437.0	437.0	437.1	0.1
D	6,075	92	363	5.7	452.6	452.6	453.6	1.0
E	7,455	215	475	3.4	468.3	468.3	468.4	0.1
F	8,937	120	250	6.5	489.5	489.5	489.5	0.0

[1] Feet above the confluence with Whites Creek
[2] Elevations computed without consideration of backwater effects from Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DRAKES BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,400	86	909	6.7	431.3	408.9[2]	408.9	0.0
B	2,876	84	972	6.1	431.3	415.7[2]	415.7	0.0
C	4,991	123	803	7.2	431.3	425.4[2]	425.8	0.4
D	6,270	96	789	7.2	436.1	436.1	436.9	0.8
E	7,748	563	7,129	0.8	453.6	453.6	453.6	0.0
F	9,149	259	1,591	4.4	454.6	454.6	454.8	0.2
G	10,665	85	448	6.5	464.1	464.1	465.0	0.9
H	11,944	110	540	5.4	472.7	472.7	473.6	0.9
I	13,480	269	2,044	1.1	493.9	493.9	493.9	0.0
J	15,004	77	375	6.2	499.6	499.6	500.6	1.0
K	16,299	100	409	5.7	511.8	511.8	512.8	1.0
L	17,672	39	242	7.4	526.4	526.4	527.1	0.7
M	19,532	31	153	9.3	547.7	547.7	548.1	0.4
N	20,139	133	355	4.0	556.2	556.2	556.6	0.4

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DRY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	481	193	800	5.9	424.0	419.7[2]	420.5	0.8
B	1,475	120	685	6.8	425.3	425.3	425.6	0.3
C	3,088	59	369	12.1	440.5	440.5	440.9	0.4
D	4,512	85	426	6.2	449.8	449.8	450.8	1.0
E	6,225	92	466	5.7	462.3	462.3	463.2	0.9
F	7,637	72	394	5.8	470.2	470.2	471.0	0.8
G	9,059	88	366	6.3	479.6	479.6	480.4	0.8
H	10,751	44	281	8.2	491.8	491.8	492.2	0.4
I	11,793	144	512	4.5	495.7	495.7	496.5	0.8
J	12,808	215	1,823	0.9	506.9	506.9	506.9	0.0
K	14,538	52	200	7.9	512.7	512.7	513.3	0.6
L	15,799	38 / 35[3]	185	8.6	520.7	520.7	521.3	0.6

[1] Feet above the confluence with Stoners Creek
[2] Elevations computed without consideration of backwater effects from Stoners Creek
[3] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DRY FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,735	134	640	5.3	454.9	454.9	455.2	0.3
B	3,049	95	670	5.1	463.3	463.3	464.0	0.7
C	4,434	89	507	6.7	471.5	471.5	471.9	0.4
D	6,124	116	632	5.0	479.8	479.8	480.8	1.0
E	7,455	155	644	5.0	486.8	486.8	487.7	0.9
F	8,907	114	707	4.2	497.5	497.5	498.3	0.8
G	10,528	54	271	6.7	505.9	505.9	505.9	0.0
H	12,253	42	192	9.5	516.3	516.3	516.7	0.4
I	13,484	40	181	6.5	527.5	527.5	528.1	0.6
J	14,894	50	256	2.2	545.0	545.0	545.0	0.0
K	16,396	33	61	6.2	561.0	561.0	561.0	0.0
L	17,810	20	47	6.6	587.7	587.7	587.8	0.1
M	19,336	25	39	6.7	616.4	616.4	616.4	0.0

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DRY FORK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	972	59	184	9.3	455.7	455.7	456.0	0.3
B	2,244	40	180	6.9	470.1	470.1	470.7	0.6
C	3,746	41	122	10.2	475.0	475.0	475.0	0.0
D	5,139	70	230	5.4	487.7	487.7	488.1	0.4
E	6,863	75	787	1.6	506.8	506.8	507.0	0.2
F	8,214	27	115	8.2	512.4	512.4	513.0	0.6
G	9,663	24	94	7.9	524.6	524.6	525.5	0.9
H	10,682	51	256	1.7	535.9	535.9	536.9	1.0
I	11,577	45	343	1.3	536.1	536.1	537.0	0.9

[1] Feet above the confluence with Dry Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DRY FORK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	303	23	38	7.1	521.9	521.9	521.9	0.0
B	1,664	8	22	6.0	539.1	539.1	539.2	0.1
C	2,238	13	25	5.2	551.3	551.3	551.5	0.2

[1] Feet above the confluence with Dry Fork Tributary 1

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DRY FORK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,123	148	697	6.2	470.7	470.7	471.7	1.0
B	3,805	128	653	6.2	476.4	476.4	476.9	0.5
C	5,610	210	693	5.9	486.7	486.7	486.7	0.0
D	7,283	210	882	4.6	495.2	495.2	495.9	0.7
E	8,911	185	627	6.5	501.7	501.7	502.2	0.5
F	10,432	155	800	5.1	509.1	509.1	509.3	0.2
G	11,856	103	700	5.8	516.4	516.4	516.4	0.0
H	13,671	304	648	4.5	524.8	524.8	524.8	0.0
I	14,828	128	588	4.4	531.8	531.8	531.8	0.0
J	16,335	58	448	4.4	538.4	538.4	539.0	0.6
K	17,706	180	578	2.9	548.5	548.5	548.6	0.1
L	19,117	46	203	5.0	559.7	559.7	560.0	0.3
M	20,641	34	174	5.9	578.0	578.0	578.4	0.4
N	22,128	23	90	6.7	591.7	591.7	592.1	0.4
O	23,616	53	65	5.2	629.3	629.3	629.4	0.1
P	25,082	26	38	6.9	671.2	671.2	671.3	0.1
Q	26,247	12	47	5.6	710.2	710.2	710.9	0.7

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EARTHMAN FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	329	25	69	7.3	531.6	531.6	531.6	0.0
B	1,187	18	68	7.4	541.3	541.3	541.7	0.4
C	2,105	20	76	6.6	555.5	555.5	555.9	0.4
D	2,943	47	79	4.6	574.0	574.0	574.2	0.2
E	3,601	13	42	8.7	585.4	585.4	585.5	0.1

[1] Feet above the confluence with Earthman Fork

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY **METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE** AND INCORPORATED AREAS	**FLOODWAY DATA** **FLOODING SOURCE: EARTHMAN FORK TRIBUTARY 2**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	540	38	86	8.2	535.8	535.8	535.9	0.1
B	1,483	46	119	5.3	545.7	545.7	545.7	0.0
C	2,157	33	115	5.5	551.3	551.3	551.9	0.6
D	2,948	32	97	6.5	560.5	560.5	560.5	0.0
E	3,316	33	93	6.8	565.9	565.9	565.9	0.0

[1] Feet above the confluence with Earthman Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EARTHMAN FORK TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	135	24	73	7.8	545.6	542.4[2]	542.8	0.4
B	810	27	106	4.8	555.9	555.9	555.9	0.0
C	1,244	32	132	3.9	558.8	558.8	559.1	0.3
D	1,834	20	80	6.4	565.5	565.5	565.9	0.4
E	2,105	20	75	6.3	569.7	569.7	570.0	0.3
F	2,465	21	80	5.9	576.0	576.0	576.5	0.5

[1] Feet above the confluence with Earthman Fork
[2] Elevations computed without consideration of backwater effects from Earthman Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EARTHMAN FORK TRIBUTARY 4

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	264	69	238	4.9	474.3	473.9[2]	474.4	0.5
B	1,595	60	244	4.8	481.5	481.5	482.4	0.9
C	2,987	29	183	6.3	491.3	491.3	491.4	0.1
D	4,630	82	451	2.5	501.2	501.2	501.2	0.0
E	6,060	46	268	3.4	509.1	509.1	509.1	0.0
F	7,364	16	91	6.8	515.8	515.8	516.3	0.5
G	8,743	13	76	8.2	524.4	524.4	524.8	0.4
H	10,029	53	273	2.3	534.3	534.3	535.2	0.9
I	12,009	28	204	0.1	554.7	554.7	554.8	0.1

[1] Feet above the confluence with Browns Creek
[2] Elevations computed without consideration of backwater effects from Browns Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK BROWNS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,184	278	1,087	4.4	567.7	567.7	568.5	0.8
B	4,184	82	599	5.8	573.5	573.5	573.8	0.3
C	6,354	125	1,059	3.3	579.7	579.7	579.8	0.1

[1] Feet above the confluence with South Harpeth River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	438	335	6,760	0.8	508.9	508.9	509.7	0.8
B	2,428	260	2,505	1.5	508.9	508.9	509.8	0.9
C	3,994	160	697	5.3	518.9	518.9	518.9	0.0
D	4,738	125	311	4.1	526.7	526.7	527.4	0.7
E	5,571	85	178	7.1	532.2	532.2	532.2	0.0
F	6,486	75	197	6.4	541.4	541.4	541.4	0.0
G	7,377	45	85	6.4	546.7	546.7	546.7	0.0
H	8,388	35	69	7.9	557.9	557.9	557.9	0.0
I	8,744	40	79	6.9	561.4	561.4	561.4	0.0
J	9,299	65	97	5.6	570.7	570.7	570.8	0.1

[1] Feet above the confluence with J. Percy Priest Reservoir

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK HAMILTON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	812	115	547	4.1	526.5	526.5	527.1	0.6
B	1,482	105	407	5.5	527.8	527.8	528.8	1.0
C	2,730	90	372	4.6	535.3	535.3	536.1	0.8
D	4,612	120	319	5.3	547.4	547.4	547.4	0.0
E	5,466	120	410	2.8	552.0	552.0	552.9	0.9
F	6,261	75	242	4.8	557.8	557.8	558.7	0.9
G	7,457	45	162	7.1	567.9	567.9	568.5	0.6

[1] Feet above the confluence with East Fork Hamilton Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK HAMILTON CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,059	268	347	4.7	508.9	502.6[2]	502.9	0.3
B	1,609	185	308	4.1	509.4	509.4	509.6	0.2
C	2,706	61	200	6.2	518.7	518.7	519.1	0.4
D	3,755	42	232	5.4	530.0	530.0	530.0	0.0
E	4,568	40	180	7.0	535.3	535.3	535.4	0.1
F	5,679	132	167	2.9	545.0	545.0	545.3	0.3
G	6,625	70	92	5.3	553.6	553.6	553.9	0.3
H	7,368	38	108	4.5	564.2	564.2	564.4	0.2

[1] Feet above the confluence with East Fork Hamilton Creek
[2] Elevations computed without consideration of backwater effects from East Fork Hamilton Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK HAMILTON CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,284	364	1,307	3.8	411.4	406.3[2]	407.1	0.8
B	3,920	311	1,693	2.9	414.7	414.7	415.5	0.8
C	5,517	156	725	6.8	420.1	420.1	421.0	0.9
D	7,034	297	1,130	3.4	427.4	427.4	428.3	0.9
E	8,982	217	1,010	3.8	439.0	439.0	439.8	0.8
F	10,624	216	822	4.7	449.0	449.0	449.5	0.5
G	12,423	207	717	5.4	458.8	458.8	459.6	0.8
H	14,046	213	786	3.7	468.0	468.0	468.0	0.0
I	15,643	215	593	4.7	477.1	477.1	477.3	0.2
J	16,964	198	471	5.9	486.2	486.2	486.3	0.1
K	17,889	58	272	7.7	493.7	493.7	494.0	0.3

[1] Feet above the confluence with Whites Creek
[2] Elevations computed without consideration of backwater effects from Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EATON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,173	103	331	6.0	454.2	454.2	454.3	0.1
B	3,444	128	1,324	1.5	478.1	478.1	478.6	0.5
C	5,751	101	318	5.6	491.6	491.6	492.1	0.5
D	7,111	114	273	4.5	504.9	504.9	505.0	0.1

[1] Feet above the confluence with McCrory Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ELM HILL TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	462	69	305	7.6	407.2	386.1[2]	386.2	0.1
B	2,009	259	2,548	0.7	411.9	411.9	411.9	0.0
C	3,537	44	327	5.8	420.0	420.0	420.6	0.6
D	5,037	32	155	11.4	439.2	439.2	439.3	0.0
E	6,551	102	220	5.2	452.9	452.9	453.0	0.2
F	7,846	67	209	4.6	473.1	473.1	473.5	0.4

[1] Feet above the confluence with Davidson Branch
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EWIN BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,522	470	2,217	5.3	435.9	435.9	436.9	1.0
B	5,032	344	2,305	4.6	445.1	445.1	445.4	0.3
C	6,592	335	2,486	4.2	448.6	448.6	449.3	0.7
D	8,407	482	2,243	4.6	453.3	453.3	453.5	0.2
E	9,916	546	1,926	4.6	458.0	458.0	458.2	0.2
F	11,417	325	1,696	5.2	464.0	464.0	464.9	0.9
G	13,115	200	1,365	6.3	469.5	469.5	470.5	1.0
H	14,883	240	1,541	2.9	481.0	481.0	481.6	0.6
I	16,419	105	662	5.5	487.5	487.5	488.4	0.9
J	17,944	97	472	5.8	497.6	497.6	497.8	0.2
K	19,478	215	479	6.7	509.8	509.8	509.9	0.1
L	20,811	145	483	6.6	521.7	521.7	521.9	0.2
M	22,368	33	287	11.2	540.8	540.8	540.9	0.0

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EWING CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	640	44	137	3.9	492.6	492.6	492.8	0.2
B	2,104	57	119	4.0	509.4	509.4	509.6	0.2
C	3,650	104	156	2.3	530.9	530.9	530.9	0.0
D	5,123	40	45	5.7	554.1	554.1	554.1	0.0

[1] Feet above the confluence with Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EWING CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	553	39	136	3.9	501.3	501.3	501.3	0.0
B	1,561	25	103	4.0	509.8	508.8	509.6	0.8
C	2,767	15	31	8.3	515.5	515.5	515.5	0.0

[1] Feet above the confluence with Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EWING CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,580	198	659	2.2	558.6	546.0[2]	546.5	0.5
B	2,986	43	213	6.8	558.6	553.2[2]	553.8	0.6
C	4,191	36	196	7.4	561.5	561.5	561.6	0.1
D	5,323	50	203	7.2	569.9	569.9	570.2	0.3
E	6,927	30	187	6.9	582.8	582.8	583.2	0.4
F	8,441	33	207	6.2	594.4	594.4	594.8	0.4
G	9,916	32	162	7.9	606.3	606.3	606.7	0.4
H	11,065	57	292	3.9	615.7	615.7	616.0	0.3
I	12,586	26	154	7.4	625.7	625.7	626.3	0.6
J	13,754	19	143	5.0	639.6	639.6	639.9	0.3
K	15,280	22	72	9.9	655.8	655.8	655.9	0.1
L	16,786	29	73	8.8	671.9	671.9	671.9	0.0
M	18,308	32	45	5.2	693.5	693.5	693.5	0.0
N	19,732	19	53	8.9	716.6	716.6	716.6	0.0

[1] Feet above the confluence with Harpeth River
[2] Elevations computed without consideration of backwater effects from Harpeth River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FLAT CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,216	223	2,576	1.5	500.2	500.2	500.3	0.1
B	2,750	285	2,461	1.6	500.4	500.4	500.6	0.2
C	4,686	56	238	6.5	506.3	506.3	506.8	0.5
D	6,360	58	248	5.0	518.2	518.2	518.5	0.3
E	8,049	41	193	6.4	531.0	531.0	531.4	0.4
F	9,771	98	192	3.2	543.5	543.5	543.5	0.0
G	11,592	32	118	5.2	556.2	556.2	556.4	0.2
H	13,143	20	87	7.1	568.5	568.5	568.8	0.3
I	14,483	24	64	7.2	584.9	584.9	585.0	0.1

[1] Feet above the confluence with Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FRANKLIN BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	383	137	406	5.4	500.5	496.3[2]	496.5	0.2
B	2,070	189	1,305	1.3	510.9	510.9	511.0	0.1
C	3,581	114	357	4.8	519.2	519.2	519.2	0.0
D	5,308	46	176	4.4	529.4	529.4	529.7	0.3
E	7,003	57	190	4.1	544.4	544.4	544.4	0.0
F	8,726	46	67	6.0	569.7	569.7	569.7	0.0

[1] Feet above the confluence with Franklin Branch
[2] Elevations computed without consideration of backwater effects from Franklin Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FRANKLIN BRANCH TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	333	16	66	7.3	506.6	504.4[2]	504.4	0.0
B	1,264	15	73	6.5	521.6	521.6	522.2	0.6
C	2,510	15	36	6.2	539.1	539.1	539.2	0.1
D	3,985	12	31	7.3	568.2	568.2	568.4	0.2

[1] Feet above the confluence with Franklin Branch Tributary 1
[2] Elevations computed without consideration of backwater effects from Franklin Branch Tributary 1

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FRANKLIN BRANCH TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	196	22	87	9.0	530.7	530.7	530.7	0.0
B	1,026	30	137	5.7	538.7	538.7	538.9	0.2
C	1,766	30	145	5.4	543.3	543.3	544.1	0.8
D	2,551	50	132	5.9	549.1	549.1	549.5	0.4

[1] Feet above the confluence with Franklin Branch Tributary 1

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FRANKLIN BRANCH TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,592	155	1,699	3.0	421.2	404.0[2]	404.0	0.0
B	3,799	216	499	4.2	421.3	421.3	421.3	0.0
C	5,218	206	577	5.8	435.6	435.6	435.8	0.2
D	5,991	36	234	8.0	444.5	444.5	444.8	0.4
E	7,986	108	282	2.9	462.9	462.9	462.9	0.0
F	10,082	32	68	7.8	488.8	488.8	488.8	0.0
G	11,745	15	44	9.9	520.0	520.0	520.1	0.0

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GIBSON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	908	117	434	6.4	421.2	409.5[2]	409.6	0.1
B	2,693	116	298	6.6	424.8	424.8	424.9	0.1
C	3,977	177	362	5.0	441.2	441.2	441.5	0.3
D	5,464	94	216	3.4	458.3	458.3	458.6	0.3

[1] Feet above the confluence with Gibson Creek
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY **METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE** AND INCORPORATED AREAS	**FLOODWAY DATA** **FLOODING SOURCE: GIBSON CREEK TRIBUTARY**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	978	20	21	5.5	421.2	418.5[2]	418.5	0.0
B	1,379	16	19	5.9	428.9	428.9	428.9	0.0

[1] Feet above the confluence with Gibson Creek
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GIBSON CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	872	70	198	3.0	432.0	432.0	432.5	0.5
B	1,681	36	116	4.5	442.7	442.7	442.8	0.1
C	3,100	99	106	3.3	453.9	453.9	453.9	0.0

[1] Feet above the confluence with Gibson Creek Tributary 1

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GIBSON CREEK TRIBUTARY 1.1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	466	116	601	2.2	462.4	462.4	463.4	1.0
B	1,671	86	266	3.8	480.1	480.1	480.2	0.1
C	2,932	173	280	3.6	495.6	495.6	495.6	0.0

[1] Feet above the confluence with Gibson Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GIBSON CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,273	82	374	6.1	431.9	431.9	431.9	0.0
B	4,905	92	487	3.8	456.0	456.0	456.0	0.0
C	6,553	75	382	4.0	477.1	477.1	478.0	0.9
D	7,814	73	146	4.4	484.9	484.9	484.9	0.0
E	8,793	70	200	3.2	490.9	490.9	491.6	0.7

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GIZZARDS BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	138	70	64	4.0	481.3	480.9[2]	480.9	0.0
B	292	40	165	1.6	486.1	486.1	487.0	0.9
C	576	29	49	5.2	486.8	486.8	487.1	0.3
D	775	36	42	6.1	490.5	490.5	490.5	0.0
E	839	40	204	1.3	495.2	495.2	495.6	0.4
F	1,059	30	38	6.7	497.1	497.1	497.1	0.0

[1] Feet above the confluence with Gizzards Branch
[2] Elevations computed without consideration of backwater effects from Gizzards Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GIZZARDS BRANCH TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	327	30	145	1.9	481.6	481.6	482.2	0.6
B	1,109	25	64	4.4	494.1	494.1	494.8	0.7

[1] Feet above the confluence with Gizzards Branch

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY **METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE** AND INCORPORATED AREAS	**FLOODWAY DATA** **FLOODING SOURCE: GIZZARDS BRANCH TRIBUTARY 2**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	683	34	389	2.9	457.1	457.1	457.2	0.1
B	2,051	123	454	2.5	464.1	464.1	465.1	1.0
C	3,358	33	148	5.4	472.5	472.5	472.5	0.0
D	4,555	30	104	7.6	484.3	484.3	484.8	0.5

[1] Feet above the confluence with Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: GLENROSE BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	252,546	440 / 352 [2]	9,593	4.0	530.1	530.1	530.4	0.3
B	254,869	370	6,841	5.6	531.2	531.2	531.5	0.3
C	256,965	545	8,829	4.3	532.9	532.9	533.1	0.2
D	260,097	630	11,417	3.3	534.7	534.7	535.0	0.3
E	261,033	465	9,133	4.2	535.0	535.0	535.3	0.3
F	262,785	383	7,459	5.1	536.3	536.3	536.6	0.3
G	263,928	437	9,434	4.0	537.3	537.3	537.5	0.2
H	265,222	300	6,740	5.6	537.7	537.7	538.0	0.3
I	266,997	380	7,212	5.3	538.8	538.8	539.0	0.2
J	268,987	430	8,767	4.3	540.0	540.0	540.3	0.3
K	269,785	330	6,874	5.5	540.3	540.3	540.6	0.3
L	273,041	650	13,201	2.9	542.0	542.0	542.3	0.3
M	275,619	300	6,498	5.9	542.4	542.4	542.8	0.4
N	280,240	520	8,474	4.5	544.4	544.4	544.8	0.4
O	282,190	511	8,299	4.6	545.7	545.7	546.2	0.5
P	284,374	678	12,896	3.0	548.2	548.2	548.8	0.6
Q	286,551	560	11,735	3.3	550.1	550.1	550.5	0.4
R	289,629	541	9,808	3.9	551.0	551.0	551.8	0.8
S	294,004	750	11,450	3.4	553.3	553.3	554.0	0.7
T	296,463	540	10,066	3.8	554.3	554.3	555.1	0.8
U	298,246	750	12,668	3.0	555.1	555.1	555.9	0.8
V	300,091	735	12,626	3.0	556.0	556.0	556.6	0.6

[1] Feet above mouth
[2] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HARPETH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	301,722	765	14,719	2.6	557.0	557.0	557.6	0.6
X	303,652	545	9,360	4.1	557.6	557.6	558.1	0.5
Y	304,737	575	10,433	3.7	558.1	558.1	558.7	0.6
Z	305,803	750	12,233	3.1	558.5	558.5	559.1	0.6
AA	307,676	780	13,862	2.8	560.4	560.4	561.2	0.8
AB	308,850	480	8,392	4.6	560.5	560.5	561.3	0.8
AC	309,686	700	17,907	2.2	561.5	561.5	562.2	0.7
AD	311,423	600	12,600	3.1	561.7	561.7	562.4	0.7
AE	312,225	470	10,877	3.5	561.9	561.9	562.5	0.6
AF	312,956	636	15,065	2.6	562.2	562.2	562.9	0.7
AG	315,029	1,728	23,842	1.6	563.4	563.4	563.9	0.5
AH	317,674	850	14,561	2.6	563.9	563.9	564.4	0.5
AI	318,385	1318	19,825	1.9	564.2	564.2	564.8	0.6
AJ	322,140	1,068	15,751	2.4	564.9	564.9	565.7	0.8
AK	323,308	1,075	15,603	2.5	565.2	565.2	566.1	0.9
AL	325,233	1,275	15,289	2.5	565.9	565.9	566.7	0.8
AM	327,579	1,910	21,852	1.8	566.8	566.8	567.7	0.9
AN	328,919	1,093 / 723[2]	12,748	3.0	567.5	567.5	568.3	0.8
AO	330,770	653 / 367[2]	8,545	4.4	568.0	568.0	568.9	0.9

[1] Feet above mouth
[2] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HARPETH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,440	74	145	6.8	558.5	558.5	559.0	0.5
B	2,765	46	153	5.9	568.9	568.9	569.0	0.1
C	4,544	19	89	10.1	584.1	584.1	584.3	0.2
D	5,968	28	131	6.3	602.6	602.6	602.8	0.2
E	7,363	46	130	5.6	616.7	616.7	616.7	0.0
F	8,756	51	153	4.3	632.3	632.3	632.3	0.0
G	10,157	98	113	4.7	649.3	649.3	649.3	0.0

[1] Feet above the confluence with South Harpeth River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HIGHWAY 100 TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	288	352	1,315	4.8	551.7	544.8[2]	545.3	0.5
B	1,899	220	1,092	4.8	551.7	550.5[2]	551.0	0.5
C	3,761	350	936	5.6	561.4	561.4	561.5	0.1
D	5,437	270	1,143	2.7	569.2	569.2	569.9	0.7
E	6,975	113	534	4.5	579.8	579.8	579.8	0.0
F	8,610	173	576	2.3	593.4	593.4	593.7	0.3
G	10,448	129	211	6.1	605.9	605.9	606.1	0.2
H	11,526	66	237	5.5	613.5	613.5	613.7	0.2
I	12,972	123	320	4.1	622.0	622.0	622.6	0.6

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HOLT CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,136	320 / 231[2]	2,370	5.3	509.3	509.3	510.1	0.8
B	5,206	320 / 116[2]	2,616	4.8	514.6	514.6	515.2	0.6
C	6,497	430 / 255[2]	2,323	5.4	519.6	519.6	520.2	0.6
D	7,711	423 / 92[2]	2,223	5.5	524.9	524.9	525.5	0.6
E	9,480	425 / 51[2]	2,686	4.5	532.3	532.3	532.6	0.3
F	10,879	210 / 133[2]	1,653	6.1	539.8	539.8	540.0	0.2
G	12,023	260 / 137[2]	2,093	4.8	547.0	547.0	547.8	0.8
H	13,429	260 / 111[2]	1,401	6.7	550.3	550.3	550.9	0.6
I	14,905	385 / 299[2]	4,451	2.1	562.2	562.2	562.2	0.0
J	16,306	235 / 225[2]	1,823	4.5	562.9	562.9	562.9	0.0
K	17,968	250 / 0[2]	1,601	5.2	565.9	565.9	566.5	0.6
L	19,737	230 / 142[2]	1,909	1.3	577.0	577.0	577.8	0.8
M	21,060	65	320	6.7	577.8	577.8	578.6	0.8
N	22,837	84	529	4.1	590.2	590.2	591.0	0.8
O	24,215	591	2,978	0.7	597.4	597.4	598.1	0.7
P	25,644	150	520	4.2	602.7	602.7	603.5	0.8
Q	26,049	150	538	4.0	604.7	604.7	605.2	0.5

[1] Feet above the confluence with J. Percy Priest Reservoir
[2] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HURRICANE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	939	282	1,574	3.5	534.5	534.5	534.8	0.3
B	2,172	330	1,464	3.7	538.8	538.8	539.2	0.4
C	3,742	343	1,594	3.4	544.8	544.8	545.7	0.9
D	5,105	333	1,335	3.6	549.8	549.8	550.4	0.6
E	6,763	371	1,473	3.3	556.4	556.4	557.0	0.6
F	8,279	340	1,756	2.3	564.4	564.4	565.1	0.7
G	9,965	144	526	6.4	571.5	571.5	572.2	0.7
H	11,810	170	601	3.5	582.5	582.5	583.2	0.7
I	13,438	253	605	3.1	594.6	594.6	595.3	0.7
J	15,183	47	215	6.1	605.4	605.4	605.9	0.5
K	17,183	30	201	6.5	621.5	621.5	621.6	0.1

[1] Feet above the confluence with Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: INDIAN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,882	404	3,815	1.5	406.0	397.6[2]	397.7	0.1
B	5,028	180	849	4.1	406.0	402.3[2]	402.9	0.6
C	6,710	179	588	5.7	413.5	413.5	413.5	0.0
D	8,274	108	437	6.7	424.0	424.0	424.4	0.5
E	9,817	229	599	4.3	435.9	435.9	435.9	0.0
F	11,180	194	677	3.8	444.9	444.9	445.4	0.5
G	12,622	50	223	7.7	458.4	458.4	458.4	0.0
H	14,199	33	161	8.2	472.4	472.4	472.5	0.2
I	15,698	23	75	10.1	487.4	487.4	487.4	0.0
J	16,839	126	153	4.1	504.3	504.3	504.4	0.0

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: INDIAN CREEK (WEST)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	649	254	1,418	1.4	407.6	407.6	408.1	0.5
B	2,185	65	361	5.1	415.6	415.6	416.1	0.5
C	3,600	51	248	6.1	426.1	426.1	426.6	0.5
D	4,309	85	331	4.5	433.6	433.6	433.9	0.3
E	5,968	90	343	3.3	452.1	452.1	452.7	0.6
F	7,416	44	131	5.3	468.9	468.9	469.1	0.2
G	8,461	29	81	8.5	485.8	485.8	485.8	0.1

[1] Feet above the confluence with Indian Creek (West)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: INDIAN CREEK (WEST) TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	661	49	95	5.9	451.8	451.8	451.9	0.1
B	1,931	31	73	6.6	470.0	470.0	470.1	0.1

[1] Feet above the confluence with Indian Creek (West)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: INDIAN CREEK (WEST) TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	842	52	356	3.8	500.0	500.0	500.8	0.8
B	2,597	50	178	7.7	517.4	517.4	517.4	0.0
C	4,189	39	144	9.4	534.9	534.9	534.9	0.0
D	6,128	114	210	6.5	559.4	559.4	559.4	0.0
E	8,181	40	153	8.6	580.4	580.4	580.5	0.1

[1] Feet above the confluence with Richland Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JOCELYN HOLLOW BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	753	32	119	7.6	474.7	474.7	475.1	0.4
B	1,026	38	225	4.0	481.0	481.0	481.5	0.5
C	1,931	31	155	5.8	486.7	486.7	487.5	0.8
D	2,457	43	143	5.6	491.2	491.2	491.3	0.1
E	2,630	30	170	4.7	494.7	494.7	494.7	0.0
F	2,951	68	360	2.2	499.2	499.2	499.2	0.0
G	3,241	65	348	2.3	502.2	502.2	502.2	0.0
H	3,996	32	96	5.4	511.9	511.9	511.9	0.0
I	5,398	26	84	5.6	527.4	527.4	527.5	0.1
J	6,394	22	75	5.3	540.4	540.4	540.6	0.2
K	6,585	68	185	2.2	547.4	547.4	547.4	0.0
L	7,189	67	91	3.4	557.1	557.1	557.1	0.0
M	7,284	62	139	2.2	559.2	559.2	560.0	0.8
N	7,666	48	133	2.0	568.5	568.5	568.5	0.0
O	8,333	19	43	6.1	579.6	579.6	579.7	0.1

[1] Feet above the confluence with Earthman Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JOHNSON HOLLOW

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

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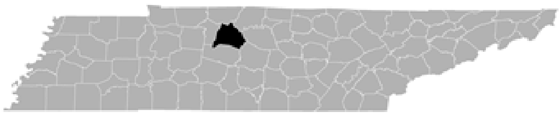

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV005D
Version Number 2.6.3.0

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Published Separately

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	428	326	1,423	3.5	477.7	477.7	478.2	0.5
B	1,972	190	936	5.3	484.2	484.2	484.6	0.4
C	3,558	141	881	5.4	495.1	495.1	495.7	0.6
D	5,251	113	732	6.5	504.5	504.5	505.3	0.8
E	6,860	326	2,346	2.4	519.8	519.8	520.1	0.3
F	8,713	158	904	6.0	526.2	526.2	526.9	0.7
G	10,455	122	604	5.3	535.7	535.7	536.6	0.9
H	12,484	91	563	5.7	549.8	549.8	550.4	0.6
I	14,210	119	562	4.2	560.7	560.7	561.2	0.5
J	15,832	95	401	4.8	574.8	574.8	575.3	0.5
K	17,647	52	119	3.4	591.2	591.2	591.2	0.0
L	19,042	79	106	2.8	608.6	608.6	608.8	0.2
M	20,754	24	51	5.1	632.7	632.7	632.7	0.0

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	556	83	216	6.5	531.7	531.7	532.0	0.3
B	1,747	103	332	4.1	542.4	542.4	542.5	0.1
C	3,218	32	153	7.3	555.1	555.1	555.2	0.1
D	4,514	46	165	5.9	566.9	566.9	567.2	0.3
E	5,992	24	106	9.1	583.0	583.0	583.2	0.2
F	7,462	113	787	0.8	606.5	606.5	606.5	0.0
G	8,509	38	167	1.7	617.1	617.1	618.0	0.9
H	9,572	22	52	5.4	640.5	640.5	641.1	0.6

[1] Feet above the confluence with Little Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	272	27	83	6.6	582.9	582.9	583.2	0.3
B	1,466	15	67	7.3	598.8	598.8	599.3	0.5
C	2,601	15	53	7.2	612.3	612.3	612.7	0.4
D	3,601	12	36	7.3	628.9	628.9	629.0	0.1
E	4,892	12	41	6.3	662.5	662.5	663.3	0.8
F	5,608	8	27	9.7	686.4	686.4	686.5	0.1

[1] Feet above the confluence with Little Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	793	55	317	6.9	574.4	574.4	574.5	0.1
B	1,359	56	418	5.2	577.6	577.6	577.9	0.3
C	2,407	55	353	5.8	580.2	580.2	580.6	0.4
D	3,379	36	216	9.4	585.1	585.1	585.4	0.3

[1] Feet above the confluence with East Fork Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE EAST FORK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)[2]	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,072	475 / 189	3,722	4.3	567.8	567.8	568.3	0.5
B	6,516	743 / 397	3,157	5.1	570.7	570.7	571.1	0.4
C	8,383	720 / 0	4,740	3.4	575.3	575.3	576.1	0.8
D	9,698	669 / 0	4,290	3.8	577.2	577.2	578.2	1.0
E	10,215	700 / 0	5,119	2.7	580.0	580.0	580.5	0.5
F	26,110	541 / 0	2,909	3.3	610.1	610.1	610.5	0.4

[1] Feet above the confluence with Harpeth River
[2] Total width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE HARPETH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	9,903	430 / 55[2]	2,515	4.9	461.8	461.8	462.7	0.9
B	11,023	200	1,538	8.0	464.9	464.9	465.3	0.4
C	12,553	300	1,555	7.2	469.0	469.0	469.6	0.6
D	14,209	250	2,134	5.2	477.4	477.4	478.1	0.7
E	15,415	95	718	15.5	481.3	481.3	481.5	0.2
F	17,132	150	1,082	9.4	490.8	490.8	491.4	0.6
G	18,438	165	1,482	6.9	497.0	497.0	497.9	0.9
H	20,205	160	1,379	7.4	505.5	505.5	505.5	0.0
I	21,871	305	1,889	5.4	511.3	511.3	512.2	0.9
J	23,290	200	1,447	7.1	518.0	518.0	518.9	0.9
K	24,917	250	1,587	4.7	525.9	525.9	526.8	0.9
L	26,331	170	1,109	6.7	533.9	533.9	534.2	0.3
M	27,784	216	1,439	5.2	539.7	539.7	540.3	0.6
N	29,160	200	1,453	5.1	546.4	546.4	547.2	0.8
O	30,779	170	970	7.7	553.9	553.9	554.3	0.4
P	32,270	200	1,165	6.4	562.5	562.5	562.8	0.3
Q	33,702	170	893	8.4	571.4	571.4	571.9	0.5
R	35,276	70	522	5.8	584.9	584.9	585.6	0.7
S	36,662	48	241	12.6	597.3	597.3	597.4	0.1
T	38,036	45	368	8.3	613.3	613.3	613.8	0.5
U	39,551	115	767	4.0	638.9	638.9	639.5	0.6
V	41,051	115	1,257	2.4	659.4	659.4	660.2	0.8
W	42,541	84	446	6.8	678.8	678.8	679.0	0.2

[1] Feet above the confluence with Marrowbone Creek
[2] Total width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MARROWBONE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	621	65	277	10.0	526.3	526.3	526.8	0.5
B	2,215	63	350	7.9	542.7	542.7	543.5	0.8
C	3,746	34	126	11.1	561.7	561.7	561.7	0.0
D	5,186	37	142	9.9	583.5	583.5	583.7	0.2
E	6,803	20	106	13.2	614.4	614.4	614.4	0.0

[1] Feet above the confluence with Little Marrowbone Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MARROWBONE CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,989	209 / 31[2]	1,479	6.9	553.4	553.4	553.9	0.5
B	2,684	215	1,663	6.1	556.5	556.5	557.1	0.6
C	3,948	202	1,843	4.7	561.6	561.6	562.1	0.5
D	5,085	258 / 186[2]	1,430	6.1	565.8	565.8	565.8	0.0
E	6,735	405 / 75[2]	2,816	3.1	571.5	571.5	572.2	0.7
F	7,939	470 / 14[2]	2,727	3.2	576.0	576.0	576.4	0.4
G	9,090	216 / 178[2]	1,592	5.5	580.8	580.8	581.1	0.3
H	10,478	230 / 111[2]	1,264	6.9	584.5	584.5	584.8	0.3
I	11,588	184	1,405	3.8	589.2	589.2	590.1	0.9
J	12,591	175	752	7.1	591.2	591.2	591.4	0.2
K	13,961	236	1,030	5.2	597.9	597.9	598.5	0.6
L	15,068	172	784	6.8	604.6	604.6	605.0	0.4
M	16,015	87	526	10.1	610.1	610.1	611.1	1.0
N	17,250	90	640	4.3	619.6	619.6	620.4	0.8
O	18,724	133	396	6.9	625.6	625.6	625.7	0.1
P	19,731	105	420	6.5	633.0	633.0	633.2	0.2
Q	21,005	158	411	6.6	641.3	641.3	641.5	0.2
R	22,583	150	409	6.7	654.6	654.6	654.6	0.0
S	24,070	53	292	9.3	667.3	667.3	667.6	0.3
T	25,277	53	231	11.8	681.5	681.5	681.5	0.0
U	26,476	186	561	4.9	698.9	698.9	698.9	0.0

[1] Feet above the confluence with Sycamore Creek
[2] Total width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LONG CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	577	93	235	7.7	561.8	561.8	561.8	0.0
B	1,784	50	195	9.2	570.6	570.6	570.8	0.2
C	3,198	44	174	10.3	583.7	583.7	583.8	0.1
D	4,677	35	119	7.6	598.1	598.1	598.7	0.6
E	6,194	37	101	8.9	615.1	615.1	615.1	0.0

[1] Feet above the confluence with Long Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LONG CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,026	133	1,875	1.4	420.8	415.4[2]	416.3	0.9
B	2,879	73	302	5.9	420.8	419.7[2]	420.2	0.5
C	4,317	49	157	7.1	438.1	438.1	438.1	0.0
D	5,943	103	730	1.8	472.6	472.6	472.6	0.0
E	7,767	36	61	6.4	495.7	495.7	495.7	0.0
F	9,137	60	166	1.2	526.2	526.2	526.4	0.1
G	10,336	23	79	2.6	547.8	547.8	548.3	0.5

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LOVES BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	780	54	263	7.8	453.7	453.7	453.9	0.2
B	2,224	70	268	7.6	463.4	463.4	464.0	0.6
C	3,782	90	272	7.5	475.7	475.7	475.7	0.0
D	5,513	28	113	10.9	494.6	494.6	495.1	0.5
E	7,176	45	177	6.9	513.5	513.5	513.9	0.4

[1] Feet above the confluence with Mansker Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LUMSLEY FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,546	195 / 111[2]	3,401	7.0	433.1	415.8[3]	415.8	0.0
B	5,905	705 / 353[2]	14,637	1.6	433.1	424.4[3]	424.7	0.3
C	9,544	620 / 200[2]	9,292	2.0	433.1	424.7[3]	425.2	0.5
D	13,150	295 / 100[2]	3,721	5.0	433.1	426.7[3]	427.2	0.5
E	16,544	265 / 227[2]	2,716	6.8	433.3	433.3	433.3	0.0
F	18,429	556 / 68[2]	6,481	2.9	438.7	438.7	438.7	0.0
G	20,415	440 / 141[2]	3,716	4.6	440.1	440.1	440.1	0.0
H	21,834	380 / 214[2]	3,492	4.9	442.7	442.7	442.9	0.2
I	23,471	610 / 81[2]	4,040	4.3	448.8	448.8	449.0	0.2
J	24,959	810 / 83[2]	4,447	3.9	450.3	450.3	451.1	0.8
K	26,265	385 / 220[2]	2,970	3.7	456.4	456.4	456.5	0.1
L	28,063	335 / 349[2]	2,425	4.6	458.5	458.5	459.1	0.6
M	29,767	95	516	7.6	461.3	461.3	462.1	0.8
N	31,908	185 / 152[2]	908	4.3	470.7	470.7	470.7	0.0
O	33,424	60 / 46[2]	367	10.7	477.0	477.0	477.2	0.2
P	34,604	135 / 32[2]	563	5.7	481.6	481.6	481.8	0.2
Q	36,363	185 / 143[2]	636	5.0	489.1	489.1	489.5	0.4
R	37,908	145 / 72[2]	721	4.4	497.5	497.5	498.0	0.5
S	39,619	75 / 25[2]	371	8.6	505.8	505.8	506.0	0.2
T	42,818	82 / 36[2]	235	7.5	522.8	522.8	522.9	0.1
U	44,329	70 / 62[2]	299	5.9	533.2	533.2	533.3	0.1
V	45,804	159 / 126[2]	612	2.9	542.9	542.9	543.8	0.9

[1] Feet above the confluence with Cumberland River
[2] Total width / width within jurisdiction
[3] Elevation computed with consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MANSKER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	47,034	93 / 42[2]	323	5.5	549.3	549.3	550.1	0.8
X	48,658	59 / 12[2]	289	6.1	561.7	561.7	561.9	0.2
Y	50,259	56	319	5.6	570.0	570.0	570.2	0.2
Z	51,814	32 / 29[2]	120	7.2	582.8	582.8	583.0	0.2
AA	53,465	24	56	7.6	607.0	607.0	607.1	0.1
AB	54,931	16	61	7.1	630.0	630.0	630.2	0.2
AC	56,570	17 / 13[2]	46	9.3	710.6	710.6	710.6	0.0

[1] Feet above the confluence with Cumberland River
[2] Total width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MANSKER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,120	38	136	5.4	438.9	438.9	439.2	0.3
B	3,239	24	77	9.6	453.5	453.5	453.5	0.0
C	4,402	22	70	5.5	464.9	464.9	464.9	0.0
D	5,787	24	48	8.0	485.4	485.4	485.4	0.0
E	7,616	29	51	7.5	529.8	529.8	529.8	0.0

[1] Feet above the confluence with Mansker Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MANSKER CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	255	24	55	7.8	585.7	585.7	585.7	0.0
B	1,121	24	90	4.8	600.8	600.8	601.4	0.6
C	1,941	26	77	5.6	612.5	612.5	612.5	0.0
D	2,774	20	49	8.8	625.5	625.5	625.5	0.0
E	3,831	31	59	7.4	644.9	644.9	644.9	0.0

[1] Feet above the confluence with Mansker Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MANSKER CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	77,458	200	1,232	5.3	572.8	572.8	573.4	0.6
B	78,829	140	1,143	5.7	579.2	579.2	579.9	0.7
C	80,325	130	868	4.6	585.1	585.1	585.6	0.5
D	81,985	100	519	7.8	591.9	591.9	592.0	0.1
E	83,441	200	1,246	3.2	611.0	611.0	611.9	0.9
F	84,958	53	297	13.6	645.9	645.9	645.9	0.0

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MARROWBONE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,648	51	515	11.6	423.9	409.2[2]	409.3	0.1
B	3,418	42	491	12.2	423.9	416.4[2]	416.6	0.2
C	4,258	68	647	9.2	423.9	420.6[2]	420.7	0.1
D	5,979	102	845	7.1	427.8	427.8	427.9	0.1
E	7,835	100	783	7.6	432.3	432.3	432.6	0.3
F	9,555	282	2,573	2.2	437.7	437.7	438.4	0.7
G	12,211	189	1,704	2.9	441.4	441.4	442.2	0.8
H	14,023	295	1,966	2.5	443.7	443.7	444.7	1.0
I	16,176	211	1,143	4.3	448.5	448.5	449.0	0.5
J	18,561	68	307	6.6	454.2	454.2	454.2	0.0
K	19,888	166	720	2.8	460.6	460.6	460.7	0.1
L	21,295	394 / 160[3]	3,814	2.0	477.8	477.8	477.8	0.0
M	23,637	530	1,534	4.0	478.3	478.3	478.3	0.0
N	25,209	313	1,790	3.4	483.9	483.9	484.0	0.1
O	26,640	370	1,944	3.2	487.8	487.8	488.8	1.0
P	27,588	42	267	9.7	490.9	490.9	491.7	0.8
Q	28,479	44	287	9.0	497.4	497.4	497.6	0.2
R	30,764	39	383	5.8	508.0	508.0	508.9	0.9

[1] Feet above the confluence with Stones River
[2] Elevations computed without consideration of backwater effects from Stones River
[3] Total floodway width / width within jurisdiction

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY **METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE** AND INCORPORATED AREAS	**FLOODWAY DATA** **FLOODING SOURCE: McCRORY CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	867	731	3,669	0.7	494.6	494.6	494.6	0.0
B	2,305	164	954	2.8	502.0	502.0	502.0	0.0
C	3,851	248	804	3.4	508.4	508.4	509.2	0.8
D	5,255	149	648	4.2	517.8	517.8	518.8	1.0
E	6,722	80	359	7.5	531.0	531.0	531.5	0.5
F	8,406	126	578	4.7	546.2	546.2	546.7	0.5
G	9,867	99	457	5.9	560.3	560.3	561.3	1.0
H	11,378	101	218	5.4	578.7	578.7	578.9	0.2
I	12,908	67	129	7.0	600.0	600.0	600.0	0.0
J	14,077	45	212	4.3	619.0	619.0	619.9	0.9
K	15,583	60	134	6.7	647.0	647.0	647.1	0.1
L	15,940	32	174	5.2	656.7	656.7	657.6	0.9

[1] Feet above the confluence with Browns Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MIDDLE FORK BROWNS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,654	270	4,096	7.7	417.6	412.6[2]	412.7	0.1
B	10,750	374	4,761	6.5	419.7	419.7	419.8	0.1
C	12,387	205	4,105	7.6	422.1	422.1	422.1	0.0
D	13,707	240	5,580	5.6	423.3	423.3	423.5	0.2
E	16,225	215	2,901	10.7	425.7	425.7	425.9	0.2
F	17,508	410	8,887	3.5	431.4	431.4	432.2	0.8
G	20,096	935	15,236	2.0	433.1	433.1	434.0	0.9
H	22,773	421	3,181	9.6	434.6	434.6	435.3	0.7
I	24,668	375	4,323	7.1	439.9	439.9	440.0	0.1
J	26,558	782	10,400	2.9	446.9	446.9	447.6	0.7
K	28,639	400	5,002	6.1	448.1	448.1	448.8	0.7
L	30,693	424	4,570	6.7	451.3	451.3	451.6	0.3
M	32,303	600	6,466	4.7	454.0	454.0	454.1	0.1
N	33,829	295	3,830	7.9	457.0	457.0	457.7	0.7
O	35,413	610	10,208	3.0	460.1	460.1	460.4	0.3
P	37,657	313	4,887	6.2	463.2	463.2	463.4	0.2
Q	39,252	375	5,796	5.2	466.5	466.5	466.8	0.3
R	40,756	455	5,328	5.7	468.1	468.1	468.3	0.2
S	42,483	680	4,413	6.4	469.0	469.0	469.8	0.8
T	43,729	230	2,945	9.5	472.0	472.0	472.0	0.0
U	46,475	430	5,466	5.1	479.4	479.4	479.7	0.3
V	48,460	446	6,572	4.3	483.1	483.1	483.4	0.3

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MILL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	51,792	400	5,926	4.7	489.1	489.1	489.4	0.3
X	54,173	365	6,160	4.6	490.7	490.7	491.5	0.8
Y	55,741	435	4,642	6.0	491.5	491.5	492.4	0.9
Z	58,154	472	7,138	3.9	497.3	497.3	497.8	0.5
AA	59,785	430	4,481	6.3	498.7	498.7	499.4	0.7
AB	63,175	320	4,634	6.0	503.7	503.7	504.5	0.8
AC	65,261	450	6,284	4.5	507.5	507.5	508.2	0.7
AD	66,935	695	9,138	3.1	509.1	509.1	509.7	0.6
AE	68,688	670	10,078	2.8	510.2	510.2	510.9	0.7
AF	70,250	905	10,836	2.6	510.7	510.7	511.5	0.8
AG	72,241	523	6,865	4.1	512.6	512.6	513.0	0.4
AH	75,182	875	13,742	2.0	517.6	517.6	518.5	0.9
AI	76,824	1,100	13,631	2.1	518.5	518.5	519.4	0.9
AJ	80,842	410	5,118	5.5	524.0	524.0	524.3	0.3
AK	82,991	630	7,954	3.5	526.3	526.3	526.8	0.5
AL	84,813	935	10,416	2.7	527.4	527.4	527.9	0.5
AM	86,655	1,128	9,822	2.9	528.3	528.3	528.9	0.6
AN	88,994	476	4,513	6.2	529.9	529.9	530.6	0.7
AO	91,017	610	6,211	4.5	533.6	533.6	534.2	0.6
AP	92,574	845	7,990	3.5	536.9	536.9	537.8	0.9
AQ	94,665	485	4,858	5.8	539.6	539.6	540.3	0.7
AR	96,635	665	5,617	5.0	542.8	542.8	543.5	0.7

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MILL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AS	99,412	520	5,776	4.9	545.9	545.9	546.7	0.8
AT	101,825	524	5,221	5.4	548.3	548.3	549.0	0.7
AU	103,921	505	5,361	5.2	552.2	552.2	552.6	0.4
AV	106,440	1,050	9,388	2.2	554.2	554.2	554.8	0.6
AW	108,456	685	6,009	3.5	557.1	557.1	557.3	0.2
AX	109,507	605 / 539[2]	5,738	3.6	557.8	557.8	558.2	0.4
AY	112,057	550	5,085	4.1	560.7	560.7	561.5	0.8
AZ	113,805	614	4,834	4.2	563.7	563.7	564.4	0.7

[1] Feet above the confluence with Cumberland River
[2] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MILL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,477	392	2,994	2.0	483.2	483.2	483.2	0.0
B	2,765	325	2,172	3.0	484.6	484.6	485.2	0.6
C	4,694	290	1,515	4.3	492.3	492.3	492.9	0.6
D	6,275	280	1,482	4.4	498.4	498.4	499.4	1.0
E	7,944	245	1,239	4.5	508.5	508.5	509.0	0.5
F	10,360	200	1,031	5.2	518.0	518.0	519.0	1.0
G	11,895	189	1,231	4.3	525.0	525.0	525.8	0.8
H	13,671	250	904	3.8	532.4	532.4	533.3	0.9
I	15,004	200	717	2.8	537.6	537.6	538.0	0.4
J	16,904	125	426	4.8	548.3	548.3	548.5	0.2
K	18,845	100	404	5.0	562.6	562.6	563.5	0.9

[1] Feet above the confluence with Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,077	74	133	5.6	519.2	519.2	519.3	0.1
B	2,383	36	157	4.8	532.7	532.7	532.8	0.1
C	3,804	46	134	5.1	544.6	544.6	545.2	0.6
D	5,395	27	75	5.4	562.2	562.2	562.6	0.4
E	6,820	15	47	5.6	579.8	579.8	579.9	0.1

[1] Feet above the confluence with North Fork Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	763	16	49	6.3	562.2	562.2	562.6	0.4
B	2,267	10	52	5.4	590.8	590.8	591.2	0.4

[1] Feet above the confluence with North Fork Ewing Creek Tributary 2

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	737	42	190	1.8	538.4	538.4	539.2	0.8
B	2,092	23	56	5.6	546.9	546.9	546.9	0.0

[1] Feet above the confluence with North Fork Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 4

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	531	93	294	2.4	541.5	541.5	541.7	0.2
B	1,670	34	109	6.5	548.2	548.2	548.2	0.0

[1] Feet above the confluence with North Fork Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 5

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	382	41	115	2.3	560.0	560.0	560.4	0.4
B	1,538	29	72	3.6	575.9	575.9	576.3	0.4

[1] Feet above the confluence with North Fork Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 6

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	530	78	102	8.0	533.0	533.0	533.0	0.0
B	1,866	36	180	4.5	546.4	546.4	547.1	0.7
C	3,378	37	135	3.3	564.4	564.4	564.4	0.0
D	4,869	24	40	6.4	582.1	582.1	582.2	0.1

[1] Feet above the confluence with North Fork Ewing Creek

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY **METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE** AND INCORPORATED AREAS	**FLOODWAY DATA** **FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 7**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	92	21	51	9.1	551.8	551.8	551.8	0.0
B	1,507	31	53	7.4	570.5	570.5	570.5	0.0

[1] Feet above the confluence with North Fork Ewing Creek Tributary 7

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH FORK EWING CREEK TRIBUTARY 8

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,302	364	1,065	3.0	607.0	607.0	607.9	0.9
B	3,613	162	802	3.4	611.2	611.2	612.0	0.8
C	4,889	325	918	3.0	616.4	616.4	616.6	0.2
D	6,271	545	1,946	1.4	624.6	624.6	625.6	1.0
E	7,472	198	684	4.0	631.1	631.1	631.2	0.1
F	8,970	172	893	3.1	638.5	638.5	638.8	0.3
G	10,441	155	806	3.4	646.4	646.4	646.7	0.3
H	11,842	114	310	5.4	652.4	652.4	652.6	0.2
I	13,349	194	531	3.1	660.5	660.5	661.0	0.5
J	14,549	222	621	2.7	668.0	668.0	668.4	0.4
K	15,854	256	611	2.7	675.8	675.8	675.8	0.0
L	17,986	102	361	4.6	687.9	687.9	688.0	0.1
M	19,699	40	200	3.8	697.2	697.2	697.9	0.7
N	21,361	150	291	2.6	706.3	706.3	706.5	0.2
O	22,866	87	238	3.2	718.1	718.1	718.6	0.5
P	24,325	20	119	6.3	728.2	728.2	728.4	0.2
Q	25,665	95	1,745	0.4	776.3	776.3	776.3	0.0

[1] Feet above the confluence with Little Harpeth River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: OTTER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,288	585	5,549	1.7	406.8	398.3[2]	398.3	0.0
B	5,180	310	4,285	1.3	413.0	413.0	413.0	0.0
C	6,683	268	1,835	3.0	413.6	413.6	413.6	0.0
D	8,198	143	933	5.6	421.0	421.0	422.0	1.0
E	9,657	76	327	7.6	431.0	431.0	431.4	0.4
F	11,176	120	453	5.1	445.7	445.7	446.3	0.6
G	12,802	92	218	7.1	458.4	458.4	458.6	0.2
H	14,873	135	755	1.9	482.1	482.1	482.1	0.0
I	16,268	40	191	5.8	495.5	495.5	495.6	0.1
J	17,497	112	597	1.6	523.1	523.1	523.6	0.5
K	19,183	35	95	6.0	538.1	538.1	538.1	0.0

[1] Feet above the confluence with Cumberland River
[2] Elevation computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: OVERALL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	600	71	344	7.6	421.5	421.5	422.5	1.0
B	2,089	88	301	7.4	433.6	433.6	434.2	0.6
C	3,698	145	624	3.6	449.0	449.0	449.5	0.5
D	5,028	48	181	5.4	464.0	464.0	465.0	1.0
E	6,638	28	148	6.6	484.2	484.2	485.1	0.9

[1] Feet above the confluence with Overall Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: OVERALL CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	610	146	1,896	2.0	414.4	392.3[2]	392.3	0.0
B	2,378	92	2,408	1.6	424.7	424.7	425.0	0.3
C	4,326	131	851	3.8	426.8	426.8	427.1	0.3
D	5,954	85	399	6.0	440.9	440.9	441.9	1.0
E	7,381	84	237	7.6	455.8	455.8	456.6	0.9
F	9,177	84	140	6.1	479.6	479.6	479.7	0.1
G	10,564	83	213	3.3	498.4	498.4	499.0	0.7
H	12,300	29	58	7.7	530.7	530.7	530.7	0.0
I	14,180	36	67	4.0	568.5	568.5	568.8	0.3

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PAGES BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	651	68	199	4.5	472.0	472.0	472.0	0.0
B	1,889	42	116	6.5	485.4	485.4	485.4	0.0
C	3,322	141	137	3.1	517.9	517.9	517.9	0.0
D	4,634	43	48	4.2	544.9	544.9	545.1	0.2
E	5,778	35	40	5.0	584.3	584.3	584.3	0.1

[1] Feet above the confluence with Pages Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PAGES BRANCH TRIBUTARY A

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	893	27	96	5.6	444.1	444.1	444.1	0.0
B	2,553	23	75	5.8	480.7	480.7	480.7	0.0
C	3,857	57	85	3.1	513.6	513.6	514.4	0.8

[1] Feet above the confluence with Pages Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PAGES BRANCH TRIBUTARY B

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,635	41	281	5.5	546.8	546.8	547.4	0.6
B	4,144	41	272	5.7	556.2	556.2	556.9	0.7
C	5,489	30	188	6.1	566.8	566.8	567.7	0.9
D	7,023	41	158	7.2	579.6	579.6	580.2	0.6
E	8,565	39	133	7.7	593.2	593.2	593.3	0.1
F	10,043	31	122	8.4	607.9	607.9	608.1	0.2
G	11,300	26	110	8.3	620.2	620.2	620.4	0.2
H	12,432	35	182	5.1	630.0	630.0	630.3	0.3
I	13,630	42	87	7.6	644.7	644.7	644.8	0.1

[1] Feet above the confluence with South Harpeth River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY **METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE** AND INCORPORATED AREAS	**FLOODWAY DATA** **FLOODING SOURCE: POPLAR CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	802	185	783	4.4	489.9	489.9	490.4	0.5
B	1,911	133	363	6.2	495.8	495.8	496.4	0.6
C	4,187	162	712	3.2	510.3	510.3	511.1	0.8
D	6,287	50	156	9.9	526.9	526.9	527.4	0.5
E	7,316	40	161	9.6	539.2	539.2	539.9	0.7

[1] Feet above the confluence with McCrory Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PULLEY TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,529	566	6,408	2.7	408.4	402.8[2]	403.6	0.8
B	7,959	625	8,576	2.1	408.4	407.2[2]	408.2	1.0
C	10,865	462	4,315	3.9	412.2	412.2	412.2	0.0
D	12,642	735	7,098	2.4	414.6	414.6	414.7	0.1
E	14,054	472	3,222	5.4	415.5	415.5	415.6	0.1
F	16,111	638	4,728	3.6	420.3	420.3	420.3	0.0
G	17,436	141	1,758	9.4	426.0	426.0	426.7	0.7
H	19,171	375	4,167	3.9	431.8	431.8	432.7	0.9
I	21,329	482	4,624	3.5	435.1	435.1	435.6	0.5
J	22,907	390	3,162	5.1	439.5	439.5	440.1	0.6
K	24,435	445	4,161	3.7	443.8	443.8	444.5	0.7
L	26,394	487	3,415	4.5	447.4	447.4	447.9	0.5
M	27,481	410	3,693	3.7	453.6	453.6	453.9	0.3
N	29,449	432	5,380	2.5	463.1	463.1	463.1	0.0
O	30,907	545	3,607	2.8	464.8	464.8	464.8	0.0
P	32,338	375	2,749	3.7	469.0	469.0	469.7	0.7
Q	33,478	330	1,750	6.1	471.2	471.2	472.0	0.8
R	34,778	329	1,778	5.2	479.4	479.4	480.4	1.0
S	36,400	235	1,843	5.0	486.6	486.6	487.4	0.8
T	38,054	294	1,905	4.9	491.9	491.9	492.3	0.4
U	39,675	226	1,507	5.3	500.3	500.3	500.9	0.6
V	41,654	370	1,478	2.9	506.6	506.6	507.1	0.5

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RICHLAND CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	43,609	132	536	8.0	515.2	515.2	515.7	0.5
X	45,309	205	785	5.5	527.2	527.2	527.7	0.5
Y	47,074	194	549	4.0	540.7	540.7	541.4	0.7
Z	48,702	165	384	5.7	552.8	552.8	552.9	0.1
AA	49,971	117	499	4.4	563.6	563.6	564.5	0.9
AB	51,775	106	358	4.4	579.0	579.0	580.0	1.0
AC	54,106	33	111	7.3	607.4	607.4	608.1	0.7
AD	55,462	57	118	6.8	623.8	623.8	624.2	0.4
AE	56,926	55	91	7.4	645.3	645.3	645.4	0.1
AF	58,658	22	55	9.0	670.1	670.1	670.1	0.0
AG	59,806	16	44	8.7	696.3	696.3	696.4	0.1
AH	61,419	21	49	7.8	757.6	757.6	758.4	0.8

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RICHLAND CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	945	150	460	7.8	444.5	444.0[2]	444.1	0.1
B	2,321	105	358	6.2	453.6	453.6	453.6	0.0
C	3,827	231	503	4.4	464.8	464.8	464.8	0.0
D	4,859	168	337	6.6	472.3	472.3	472.5	0.2
E	6,133	83	177	5.3	481.2	481.2	481.3	0.1
F	6,995	26	191	4.9	490.7	490.7	490.9	0.2

[1] Feet above the confluence with Stoners Creek
[2] Elevations computed without consideration of backwater effects from Stoners Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SCOTTS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	509	61	145	5.7	448.5	448.5	448.5	0.0
B	1,961	58	194	4.3	462.3	462.3	463.3	1.0
C	2,821	23	69	8.4	468.0	468.0	468.7	0.7
D	4,060	28	91	6.4	480.1	480.1	480.2	0.1

[1] Feet above the confluence with Scotts Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SCOTTS CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,215	88	312	2.9	482.0	482.0	482.6	0.6
B	2,465	15	73	10.0	486.4	486.4	487.0	0.6
C	3,744	68	344	2.1	497.7	497.7	498.6	0.9
D	4,891	27	88	8.3	504.0	504.0	504.5	0.5

[1] Feet above the confluence with Stoners Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SCOTTS HOLLOW

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,483	576	1,242	8.2	468.3	467.8[2]	467.8	0.0
B	2,931	555	4,076	2.7	476.8	476.8	476.8	0.0
C	4,567	482	2,794	4.0	479.5	479.5	479.5	0.0
D	6,070	233	2,025	5.5	485.7	485.7	486.3	0.6
E	7,529	296	1,792	5.7	489.1	489.1	490.0	0.9
F	8,974	263	2,130	4.8	500.7	500.7	501.1	0.4
G	10,684	702	6,692	1.5	506.9	506.9	506.9	0.0
H	12,207	474	3,358	2.9	507.6	507.6	507.8	0.2
I	13,460	392	1,602	6.1	509.8	509.8	510.1	0.3
J	14,862	403	1,534	5.9	513.7	513.7	513.7	0.0
K	16,452	580	1,659	5.4	519.7	519.7	520.3	0.6
L	17,802	508	3,000	2.5	521.8	521.8	522.5	0.7
M	19,119	449	1,882	3.9	525.6	525.6	525.7	0.1
N	20,624	427	1,881	3.9	532.9	532.9	533.2	0.3
O	22,566	717	5,347	1.4	544.4	544.4	544.6	0.2
P	24,000	269	845	5.9	546.9	546.9	547.0	0.1
Q	25,481	241	1,117	4.6	553.6	553.6	554.4	0.8
R	26,787	157	619	7.6	559.6	559.6	560.1	0.5
S	27,971	114	647	4.3	569.2	569.2	569.9	0.7
T	29,437	124	652	3.3	579.6	579.6	579.6	0.0
U	31,019	19	87	6.5	589.0	589.0	589.1	0.1
V	32,591	29	134	4.2	605.8	605.8	605.8	0.0

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SEVENMILE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	33,844	35	67	3.9	622.6	622.6	622.6	0.0
X	34,829	24	58	7.2	643.5	643.5	643.5	0.0
Y	35,852	49	201	1.3	670.8	670.8	670.8	0.0
Z	37,112	43	48	5.4	727.9	727.9	727.9	0.0

[1] Feet above the confluence with Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SEVENMILE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	744	28	77	6.3	571.5	571.5	571.6	0.1
B	2,346	22	72	6.8	587.4	587.4	587.5	0.1
C	3,874	72	103	4.7	599.8	599.8	600.5	0.7
D	4,945	245	2,483	0.3	620.5	620.5	620.9	0.4
E	6,519	24	72	8.6	626.9	626.9	627.1	0.2
F	7,605	17	78	5.8	642.1	642.1	642.5	0.4
G	8,541	44	71	6.4	653.1	653.1	653.1	0.0

[1] Feet above the confluence with Sevenmile Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SEVENMILE CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	328	41	184	6.3	567.0	567.0	567.0	0.0
B	1,905	62	264	4.6	587.4	587.4	587.5	0.1
C	3,263	118	328	2.1	597.3	597.3	597.5	0.2
D	4,638	134	1,038	0.8	619.3	619.3	620.2	0.9
E	6,013	40	160	1.2	632.9	632.9	633.3	0.4
F	6,582	24	29	6.5	642.8	642.8	642.8	0.0

[1] Feet above the confluence with Sevenmile Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SEVENMMILE CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,761	147	372	5.0	536.0	536.0	536.8	0.8
B	3,131	100	315	5.4	548.2	548.2	548.9	0.7
C	4,551	50	195	7.9	562.9	562.9	563.5	0.6
D	6,039	112	329	4.2	576.1	576.1	577.0	0.9
E	7,565	92	205	6.8	593.2	593.2	593.4	0.2
F	9,069	45	135	8.2	608.6	608.6	608.6	0.0
G	10,415	32	96	9.4	625.4	625.4	625.5	0.1
H	11,477	50	99	6.6	643.2	643.2	643.2	0.0
I	12,930	25	74	7.3	664.2	664.2	664.2	0.0
J	14,101	13	32	8.9	688.5	688.5	688.5	0.0

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SHAW BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,634	145	671	7.4	417.6	410.8[2]	410.8[2]	0.0
B	3,583	131	910	4.7	423.7	423.7	423.7	0.0
C	4,913	191	1,700	2.5	430.9	430.9	431.3	0.4
D	6,359	44	272	8.7	434.5	434.5	434.7	0.2
E	7,872	217	397	2.8	443.4	443.4	443.4	0.0
F	9,013	100	235	4.7	446.6	446.6	447.1	0.5
G	10,988	45	116	9.4	458.8	458.8	458.8	0.0

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SIMS BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,352	110	553	4.6	475.4	474.6[2]	474.7	0.1
B	2,093	194	779	3.3	478.8	478.8	479.1	0.3
C	2,887	130	401	6.4	480.4	480.4	480.9	0.5
D	3,746	45	375	6.8	486.3	486.3	486.7	0.4
E	4,643	140	566	4.5	492.3	492.3	492.5	0.2
F	5,521	75	520	4.8	501.1	501.1	501.1	0.0
G	6,257	114	677	3.7	507.8	507.8	507.9	0.1
H	7,657	85	349	6.1	514.7	514.7	514.7	0.0
I	8,833	112	371	5.6	519.1	519.1	519.5	0.4
J	10,081	95	389	4.7	528.8	528.8	529.3	0.5
K	11,197	105	339	5.4	537.7	537.7	537.9	0.2
L	12,815	113	285	5.8	546.8	546.8	546.9	0.1
M	14,357	51	179	7.5	561.9	561.9	561.9	0.0
N	16,097	77	173	7.8	581.0	581.0	581.1	0.1
O	17,425	19	84	8.2	594.6	594.6	594.9	0.3
P	18,332	16	70	9.8	605.5	605.5	605.6	0.1
Q	19,254	22	68	10.0	617.2	617.2	617.2	0.0

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SORGHUM BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,163	285 / 198[2]	2,541	5.2	571.4	571.4	571.8	0.4
B	3,867	431 / 54[2]	3,493	3.8	577.8	577.8	578.2	0.4
C	6,342	315 / 212[2]	2,326	5.7	581.9	581.9	582.9	1.0
D	8,428	562 / 43[2]	3,911	3.4	588.1	588.1	588.7	0.6
E	10,273	392 / 348[2]	2,519	5.3	593.7	593.7	594.1	0.4
F	12,271	323 / 69[2]	2,024	6.1	599.6	599.6	599.8	0.2
G	13,618	378 / 12[2]	2,715	4.6	604.3	604.3	605.0	0.7
H	15,009	510	7,284	1.7	615.9	615.9	616.2	0.3
I	16,997	310 / 213[2]	2,320	3.9	616.5	616.5	616.8	0.3
J	19,117	249 / 205[2]	1,253	7.2	621.1	621.1	621.4	0.3
K	21,143	191 / 18[2]	1,151	4.5	630.2	630.2	630.9	0.7
L	23,462	190 / 45[2]	1,033	5.0	638.4	638.4	638.6	0.2
M	25,995	227 / 39[2]	907	5.8	646.4	646.4	646.7	0.3
N	27,369	220	1,213	4.3	653.1	653.1	653.1	0.0
O	29,556	255	1,399	3.7	660.6	660.6	661.3	0.7
P	31,175	159 / 92[2]	397	7.0	668.0	668.0	668.0	0.0
Q	32,481	64 / 0[2]	288	9.6	678.3	678.3	679.0	0.7
R	34,300	144 / 0[2]	514	5.4	689.4	689.4	690.1	0.7
S	36,259	170	414	6.7	705.8	705.8	706.7	0.9

[1] Feet above the confluence with Sycamore Creek
[2] Total width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SOUTH FORK SYCAMORE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	452	102	309	7.9	664.8	664.8	665.6	0.8
B	1,715	105	346	7.1	673.0	673.0	673.3	0.3
C	3,304	260	1,278	1.9	687.5	687.5	688.4	0.9
D	5,010	122	463	5.3	699.5	699.5	700.4	0.9
E	7,406	55	141	8.7	724.1	724.1	724.2	0.1
F	9,330	36	125	9.8	748.4	748.4	748.5	0.1
G	10,916	20	107	11.4	771.4	771.4	772.0	0.6

[1] Feet above the confluence with South Fork Sycamore Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SOUTH FORK SYCAMORE CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	23,944	855 / 220[2]	4,930	3.2	533.6	533.6	534.2	0.6
B	25,480	674	3,531	4.4	535.0	535.0	535.5	0.5
C	27,245	653 / 237[2]	3,239	4.8	537.5	537.5	537.9	0.4
D	29,155	902	5,221	3.0	541.8	541.8	542.3	0.5
E	30,584	462	3,235	4.8	543.5	543.5	544.0	0.5
F	32,318	472	3,777	4.1	546.8	546.8	546.8	0.0
G	33,865	927	6,020	2.6	548.4	548.4	548.5	0.1
H	36,149	908	4,002	3.5	550.0	550.0	550.1	0.1
I	37,476	584	3,581	3.9	551.8	551.8	552.0	0.2
J	39,356	675	3,532	4.0	554.0	554.0	554.8	0.8
K	41,045	644	4,189	3.4	558.4	558.4	558.6	0.2
L	42,580	330	2,520	5.6	559.3	559.3	560.1	0.8
M	44,088	376	2,892	4.9	561.1	561.1	562.1	1.0
N	45,966	734	4,810	2.9	563.6	563.6	564.2	0.6
O	47,998	463	3,154	4.5	565.5	565.5	565.9	0.4
P	49,740	700	4,323	2.6	567.9	567.9	568.3	0.4
Q	51,418	508	2,484	4.5	569.6	569.6	570.0	0.4

[1] Feet above mouth
[2] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SOUTH HARPETH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,082	58	328	4.3	565.2	565.2	565.4	0.2
B	2,608	43	173	6.9	577.9	577.9	577.9	0.0
C	3,710	88	399	2.7	591.3	591.3	591.3	0.0
D	5,267	45	201	3.0	606.6	606.6	606.7	0.1
E	6,735	49	141	4.2	624.1	624.1	624.2	0.1
F	8,315	188	151	3.0	641.4	641.4	642.0	0.6

[1] Feet above the confluence with Trace Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: STONEMEADE BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,171	95	1,861	6.4	423.9	411.0[2]	411.1	0.1
B	4,237	124	1,153	9.5	423.9	412.9[2]	413.9	1.0
C	5,218	88	1,265	9.4	423.9	416.3[2]	416.7	0.4
D	6,817	189	2,290	5.2	423.9	420.1[2]	420.6	0.5
E	8,650	278	3,329	3.5	423.9	422.0[2]	422.3	0.3
F	10,101	176	2,443	4.5	423.9	422.5[2]	423.0	0.5
G	11,411	394	3,620	3.0	424.3	424.3	424.8	0.5
H	13,655	509	3,898	2.5	425.8	425.8	426.6	0.8
I	15,525	577	9,236	1.1	437.7	437.7	437.7	0.0
J	17,871	294	3,724	2.6	438.6	438.6	438.6	0.0
K	20,380	130	1,161	8.1	440.3	440.3	440.7	0.4
L	22,117	367	3,285	2.9	444.2	444.2	444.8	0.6
M	23,600	190	1,362	6.0	445.3	445.3	446.1	0.8
N	25,617	403	2,448	3.4	450.9	450.9	451.2	0.3
O	28,112	409	3,385	2.4	459.5	459.5	460.1	0.6
P	29,906	320 / 48[3]	1,486	5.5	460.3	460.3	460.9	0.6

[1] Feet above the confluence with Stones River
[2] Elevations computed without consideration of backwater effects from Stones River
[3] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: STONERS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY[2]	WITH FLOODWAY	INCREASE
A	536	190	3,680	7.6	423.9	385.0	385.3	0.3
B	2,428	175	2,067	13.6	423.9	388.1	388.3	0.2
C	4,416	157	2,791	10.0	423.9	396.4	396.8	0.4
D	7,999	188	3,463	8.1	423.9	400.8	401.2	0.4
E	10,656	192	3,614	7.8	423.9	403.1	403.5	0.4
F	13,245	201	4,764	5.9	423.9	405.0	405.4	0.4
G	15,046	200	4,293	6.5	423.9	405.6	406.0	0.4
H	17,443	183	4,018	7.0	423.9	406.6	407.0	0.4
I	19,755	186	4,287	6.5	423.9	407.7	408.0	0.3
J	21,911	184	4,344	6.5	423.9	408.8	409.1	0.3
K	24,336	246	4,713	5.9	423.9	410.1	410.3	0.2
L	26,620	191	3,783	7.4	423.9	410.8	411.0	0.2
M	28,137	342	6,641	4.2	423.9	412.1	412.4	0.3
N	30,654	269	4,786	5.9	423.9	412.7	413.0	0.3
O	32,887	243	5,237	5.4	423.9	413.7	413.9	0.2
P	36,149	383	8,361	3.4	423.9	414.8	415.1	0.3

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: STONES RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,182	124	557	9.0	466.5	466.5	466.5	0.0
B	3,045	105	618	8.1	473.8	473.8	474.2	0.4
C	4,750	252	1,215	4.1	484.0	484.0	484.9	0.9
D	6,275	345	1,629	2.7	494.5	494.5	494.8	0.3
E	7,753	170	675	5.2	505.0	505.0	505.0	0.0
F	9,144	130	555	5.9	512.0	512.0	512.9	0.9
G	10,657	140	578	5.6	523.6	523.6	524.2	0.6
H	12,150	125	578	5.6	536.6	536.6	537.2	0.6
I	13,719	58	198	10.1	553.4	553.4	553.5	0.1
J	15,521	80	214	8.6	571.9	571.9	571.9	0.0
K	16,765	104	479	3.8	592.2	592.2	592.3	0.1
L	18,231	120	299	6.1	611.5	611.5	611.5	0.0

[1] Feet above the confluence with Richland Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SUGARTREE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,973	178	913	4.3	616.5	616.5	617.1	0.6
B	3,520	95	493	7.9	624.2	624.2	624.2	0.0
C	5,278	154	773	5.0	634.0	634.0	634.5	0.5
D	7,007	55	190	9.3	643.0	643.0	643.1	0.1
E	8,460	92	349	5.1	653.8	653.8	653.8	0.0
F	10,037	32	147	12.0	664.1	664.1	664.2	0.1
G	11,140	60	255	3.5	676.5	676.5	676.6	0.1
H	12,349	33	122	7.2	686.4	686.4	686.4	0.0
I	13,634	20	81	11.0	703.0	703.0	703.1	0.1
J	15,178	21	82	10.8	724.8	724.8	724.8	0.0

[1] Feet above the confluence with South Fork Sycamore Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SULPHUR BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	6,034	213	1,372	6.9	405.3	405.3	405.4	0.1
B	7,791	149	901	8.9	415.0	415.0	415.0	0.0
C	9,133	250	1,118	7.2	423.8	423.8	423.8	0.0
D	10,752	195	1,699	4.7	438.8	438.8	439.6	0.8
E	12,254	140	898	8.3	447.4	447.4	447.9	0.5
F	13,998	232	1,218	5.4	459.6	459.6	460.2	0.6
G	15,457	145	829	7.9	469.7	469.7	470.4	0.7
H	16,856	140	663	8.9	480.4	480.4	480.5	0.1
I	18,266	145	583	6.0	489.5	489.5	490.1	0.6
J	19,806	55	354	9.8	503.1	503.1	503.9	0.8
K	21,246	32	248	14.0	515.1	515.1	515.8	0.7
L	22,592	175	749	3.7	529.1	529.1	529.1	0.0
M	23,799	40	176	10.9	541.5	541.5	541.9	0.4

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SULPHUR CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)[2]	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	124,988	520 / 388	5,530	4.5	553.0	553.0	553.5	0.5
B	127,788	500 / 17	5,539	4.4	558.8	558.8	559.5	0.7
C	129,927	550 / 386	5,138	4.8	562.2	562.2	563.0	0.8
D	132,759	365 / 73	3,289	6.1	569.0	569.0	569.9	0.9

[1] Feet above the confluence with Cumberland River
[2] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SYCAMORE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	652	48	326	9.1	564.6	548.7[2]	548.7	0.0
B	1,703	54	356	8.3	564.6	552.3[2]	552.3	0.0
C	3,376	167	465	4.7	564.6	560.4[2]	560.6	0.2
D	4,952	149 / 75[3]	372	5.8	571.0	571.0	571.0	0.0

[1] Feet above the confluence with Harpeth River
[2] Elevations computed without consideration of backwater effects from Harpeth River
[3] Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRACE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,035	63	254	4.3	484.8	484.8	485.5	0.7
B	5,613	201	210	6.1	498.5	498.5	498.8	0.3
C	7,159	138	366	2.7	512.8	512.8	513.1	0.3
D	8,668	25	100	8.9	525.4	525.4	526.0	0.6
E	10,286	33	94	7.6	543.5	543.5	543.6	0.1
F	11,858	27	79	8.0	559.5	559.5	559.6	0.1
G	13,367	22	71	7.8	574.2	574.2	574.2	0.0
H	14,488	28	66	7.5	591.0	591.0	591.1	0.1

[1] Feet above the confluence with Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRANTHAM CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	561	83	256	6.1	406.8	402.5[2]	402.6	0.1
B	1,959	85	237	5.9	423.1	423.1	423.4	0.3
C	3,063	61	213	6.0	440.1	440.1	440.6	0.5
D	4,210	87	204	5.6	454.7	454.7	454.7	0.0
E	5,235	91	193	4.5	467.9	467.9	468.2	0.3

[1] Feet above the confluence with Overall Creek
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRIBUTARY NO. 1 TO OVERALL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	947	46	369	7.6	455.7	455.7	455.8	0.1
B	2,618	200	859	3.1	462.5	462.5	463.2	0.7
C	4,048	105	486	5.5	474.9	474.9	475.0	0.1
D	5,778	93	422	5.7	488.3	488.3	488.7	0.4
E	7,279	137	768	3.1	503.6	503.6	503.6	0.0
F	8,354	43	252	6.4	517.6	517.6	517.6	0.0

[1] Feet above the confluence with Richland Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRIBUTARY TO RICHLAND CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	657	46	194	2.3	507.4	507.4	508.2	0.8
B	1,070	23	59	7.7	509.3	509.3	509.6	0.3

[1] Feet above the confluence with Tributary to Richland Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRIBUTARY TO RICHLAND CREEK OVERFLOW

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	995	69	248	8.3	528.3	524.7[2]	525.1	0.4
B	2,403	87	295	4.7	536.2	536.2	537.0	0.8
C	4,248	70	206	6.7	549.2	549.2	549.7	0.5
D	5,624	50	161	8.6	561.4	561.4	561.6	0.2
E	6,894	40	110	6.3	572.2	572.2	572.2	0.0
F	8,280	33	102	6.8	588.0	588.0	588.0	0.0
G	9,527	44	143	4.8	601.8	601.8	602.3	0.5

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TURKEY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	158	20	70	5.8	607.3	607.3	607.4	0.1
B	581	20	96	4.3	615.4	615.4	615.7	0.3

[1] Feet above the confluence with Whittemore Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: UNNAMED TRIBUTARY TO WHITTEMORE BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,188	216	799	4.7	513.0	513.0	513.4	0.4
B	3,784	114	564	6.2	523.3	523.3	523.5	0.2
C	5,187	225	567	5.3	532.7	532.7	532.7	0.0
D	7,352	75	316	6.4	552.1	552.1	552.3	0.2
E	8,830	65	299	6.1	568.8	568.8	569.2	0.4
F	10,327	21	137	11.1	586.1	586.1	586.3	0.2

[1] Feet above the confluence with Richland Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: VAUGHNS GAP BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	647	340	2,746	1.5	460.9	460.9	460.9	0.0
B	2,049	149	517	4.1	465.9	465.9	466.0	0.1
C	3,599	121	424	5.0	480.6	480.6	481.4	0.8
D	4,903	118	383	2.5	495.8	495.8	496.3	0.5
E	6,504	215	620	3.4	512.3	512.3	512.5	0.2

[1] Feet above the confluence with Ewing Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: VHOINS BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,365	415	2,241	3.3	460.5	460.5	461.5	1.0
B	3,028	355	2,208	3.4	467.0	467.0	467.6	0.6
C	4,228	145	745	2.7	469.2	469.2	470.0	0.8
D	5,287	105	418	4.9	477.4	477.4	478.2	0.8
E	6,467	90	300	6.8	483.2	483.2	483.7	0.5
F	7,865	53	267	7.6	492.1	492.1	492.6	0.5
G	9,141	131	493	4.1	501.6	501.6	502.5	0.9
H	10,192	45	236	8.7	508.2	508.2	508.8	0.6
I	11,311	120	676	3.0	519.3	519.3	520.2	0.9
J	12,123	51	259	6.1	523.1	523.1	523.5	0.4
K	13,403	38	145	10.8	534.8	534.8	534.9	0.1
L	14,654	47	234	6.7	547.0	547.0	547.3	0.3
M	15,787	28	129	12.2	561.7	561.7	561.9	0.2
N	16,820	27	131	12.0	578.1	578.1	578.3	0.2

[1] Feet above the confluence with Mansker Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WALKERS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	376	36	68	7.0	522.2	522.2	522.3	0.1
B	1,380	29	61	7.8	539.7	539.7	539.8	0.1
C	2,514	40	70	6.8	561.9	561.9	561.9	0.0
D	3,454	50	80	5.9	582.2	582.2	582.3	0.1

[1] Feet above the confluence with Walkers Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WALKERS CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	575	669	3,211	1.0	494.6	494.6	494.6	0.0
B	2,226	110	499	6.5	498.2	498.2	498.2	0.0
C	3,556	255	523	6.2	506.0	506.0	506.0	0.0
D	4,995	165	488	6.5	515.0	515.0	515.7	0.7
E	6,453	210	712	4.5	525.8	525.8	525.8	0.0
F	7,934	197	709	4.5	534.9	534.9	535.7	0.8
G	9,605	93	442	7.2	548.4	548.4	548.7	0.3
H	11,145	135	449	5.7	561.3	561.3	561.6	0.3
I	12,657	91	315	7.4	577.7	577.7	577.7	0.0
J	14,285	116	398	3.4	605.0	605.0	605.3	0.3
K	15,824	58	170	8.0	630.2	630.2	630.2	0.0
L	17,303	115	196	3.8	656.4	656.4	656.7	0.3
M	18,858	55	120	6.2	691.0	691.0	691.2	0.2

[1] Feet above the confluence with Browns Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WEST FORK BROWNS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,924	1,500	23,127	1.1	411.4	408.1[2]	408.2	0.1
B	12,555	1,310	16,476	1.6	411.4	408.7[2]	408.8	0.1
C	17,368	128	2,013	12.0	411.4	410.2[2]	410.4	0.2
D	18,761	760	14,266	1.8	417.0	417.0	417.2	0.2
E	20,747	510	8,697	2.9	417.2	417.2	417.8	0.6
F	22,437	553	7,971	3.3	419.4	419.4	420.0	0.6
G	24,414	630	7,194	3.6	420.5	420.5	421.3	0.8
H	26,255	965	10,201	2.6	422.1	422.1	422.7	0.6
I	27,398	1,180	7,783	3.4	422.9	422.9	423.4	0.5
J	29,080	685	5,460	4.8	426.7	426.7	426.8	0.1
K	30,435	850	8,427	3.1	431.0	431.0	431.5	0.5
L	32,353	705	9,216	2.0	432.1	432.1	432.6	0.5
M	34,694	764	5,626	3.1	433.4	433.4	434.0	0.6
N	36,506	307	3,106	5.6	438.5	438.5	438.7	0.2
O	38,129	405	3,798	4.6	441.0	441.0	441.6	0.6
P	39,522	575	4,961	3.5	444.1	444.1	444.7	0.6
Q	41,062	500	3,851	4.5	446.8	446.8	447.4	0.6
R	42,726	548	3,840	4.0	450.2	450.2	450.7	0.5
S	44,445	602	5,197	2.9	456.1	456.1	456.5	0.4
T	46,161	743	4,382	3.5	458.1	458.1	458.4	0.3
U	47,672	580	3,628	4.2	461.8	461.8	462.0	0.2
V	49,300	614	3,166	3.8	464.7	464.7	464.7	0.0

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WHITES CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	52,368	543	2,763	4.1	473.7	473.7	474.1	0.4
T	46,161	743	4,382	3.5	458.1	458.1	458.4	0.3
U	47,672	580	3,628	4.2	461.8	461.8	462.0	0.2
V	49,300	614	3,166	3.8	464.7	464.7	464.7	0.0
W	52,368	543	2,763	4.1	473.7	473.7	474.1	0.4
X	53,814	605	1,102	7.1	477.6	477.6	478.3	0.7
Y	55,221	320	1,958	4.0	484.7	484.7	484.8	0.1
Z	56,857	456	2,438	3.2	487.5	487.5	487.8	0.3
AA	58,014	479	1,690	4.6	489.1	489.1	489.9	0.8
AB	59,096	350	1,608	4.8	494.5	494.5	494.8	0.3
AC	60,772	320	1,222	6.4	498.9	498.9	499.5	0.6
AD	62,114	350	3,689	2.1	510.8	510.8	511.2	0.4
AE	63,790	220	1,221	7.1	512.0	512.0	512.7	0.7
AF	65,379	315	1,385	3.9	517.2	517.2	517.9	0.7
AG	66,706	195	551	6.7	523.1	523.1	523.3	0.2

[1] Feet above the confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WHITES CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	824	63	306	5.5	431.3	428.0[2]	428.2	0.2
B	1,684	230	306	5.3	439.1	439.1	439.1	0.0
C	3,164	68	268	4.9	455.4	455.4	456.3	0.9
D	4,651	45	124	8.8	475.9	475.9	476.3	0.4
E	6,090	86	359	3.0	500.6	500.6	501.3	0.7

[1] Feet above the confluence with Whites Creek
[2] Elevations computed without consideration of backwater effects from Whites Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WHITES CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,869	203	813	5.4	510.5	505.8[2]	506.1	0.3
B	3,706	141	802	6.4	515.3	515.3	515.5	0.2
C	5,340	282	1,059	4.9	526.7	526.7	527.7	1.0
D	6,889	161	688	5.0	535.8	535.8	536.0	0.2
E	8,535	239	601	5.8	547.3	547.3	547.4	0.1
F	9,986	174	892	3.6	559.1	559.1	559.5	0.4
G	11,539	160	683	4.0	567.7	567.7	568.0	0.3
H	13,040	135	327	6.0	585.3	585.3	585.6	0.3
I	14,496	133	400	5.0	597.3	597.3	597.5	0.2
J	16,009	108	284	5.7	612.1	612.1	612.2	0.1
K	17,118	38	185	6.7	626.4	626.4	626.8	0.4
L	18,589	16	96	7.7	642.9	642.9	643.1	0.2

[1] Feet above the confluence with Mill Creek
[2] Elevations computed without consideration of backwater effects from Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WHITTEMORE BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	955	53	206	8.8	534.0	534.0	534.1	0.1
B	2,460	26	140	8.8	553.2	553.2	553.6	0.4
C	4,067	33	174	5.9	568.1	568.1	568.5	0.4
D	5,419	32	101	8.1	585.1	585.1	585.1	0.0
E	6,903	14	56	6.5	610.6	610.6	610.9	0.3

[1] Feet above the confluence with Whittemore Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WHITTEMORE BRANCH TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	822	168	1,687	1.5	418.0	409.5[2]	409.6	0.1
B	3,147	91	514	2.8	418.1	418.1	418.6	0.5
C	4,228	106	432	2.8	431.0	431.0	431.0	0.0
D	5,497	95	348	3.2	442.6	442.6	443.0	0.4
E	6,519	30	96	8.1	450.5	450.5	450.5	0.0

[1] Feet above the confluence with Cumberland River
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WINDEMERE BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	437	54	127	3.7	418.0	412.6[2]	412.6	0.0
B	924	107	937	0.5	421.7	421.7	422.6	0.9
C	2,002	27	33	5.9	431.2	431.2	431.2	0.0

[1] Feet above the confluence with Windemere Branch
[2] Elevations computed without consideration of backwater effects from Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WINDEMERE BRANCH TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	644	285	1,404	3.5	464.0	464.0	464.5	0.5
B	2,123	155	599	4.2	471.4	471.4	472.3	0.9
C	3,513	160	528	4.8	485.2	485.2	486.0	0.8
D	5,154	150	1,205	1.8	503.6	503.6	503.6	0.0
E	6,711	100	536	3.1	514.2	514.2	514.3	0.1
F	8,959	77	252	6.6	537.4	537.4	538.1	0.7

[1] Feet above the confluence with Dry Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WOODS LAKE BRANCH

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

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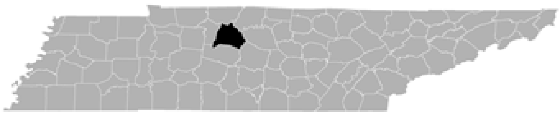

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV006D
Version Number 2.6.3.0

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Flood Insurance Rate Map (FIRM)

Non-encroachment areas may be delineated where it is not possible to delineate floodways because specific channel profiles with bridge and culvert geometry were not developed. Any non-encroachment determinations for this Flood Risk Project have been tabulated for selected cross sections and are shown in Table 24. The non-encroachment width indicates the measured distance left and right (looking downstream) from the mapped center of the stream to the non-encroachment boundary based on a surcharge of 1.0 foot or less.

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Long Creek Tributary A		326	1,409	592.0	20	118
Long Creek Tributary A	A	1,000	1,409	597.7	49	59
Long Creek Tributary A		1,500	1,409	601.7	115	7
Long Creek Tributary A		2,000	1,409	605.0	33	74
Long Creek Tributary A	B	5,500	1,274	650.4	110	2
Long Creek Tributary A		6,000	1,274	658.2	70	2
Long Creek Tributary A	C	6,500	1,274	664.6	23	31
Pond Creek		33,804	118	552.4	10	10
Pond Creek	A	33,931	118	553.0	4	4
Pond Creek		33,980	118	554.3	7	7
Pond Creek		34,083	118	555.1	7	7
Pond Creek		34,213	118	556.6	9	9
Pond Creek		34,230	118	559.1	9	9
Pond Creek		34,249	118	559.1	9	9
Pond Creek		34,335	118	559.2	4	6
Pond Creek		34,383	118	560.2	8	6
Pond Creek		34,439	118	560.2	6	6
Pond Creek		34,576	118	562.8	9	9
Pond Creek		34,595	118	565.0	9	9
Pond Creek		34,614	118	565.0	9	9
Pond Creek		34,700	118	565.3	2	7
Pond Creek		34,777	118	566.6	12	6
Pond Creek		34,853	118	567.1	6	6
Pond Creek		34,975	118	568.6	6	6

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams (continued)

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Pond Creek		34,989	118	571.3	8	8
Pond Creek		35,003	118	571.3	8	8
Pond Creek		35,084	118	572.0	4	4
Pond Creek		35,320	118	574.5	5	5
Pond Creek	B	35,441	118	578.4	4	5

[1] Elevation shown with consideration of backwater effects

6.4 Coastal Flood Hazard Mapping

This section is not applicable to this Flood Risk Project.

Table 25: Summary of Coastal Transect Mapping Considerations

[Not Applicable to this Flood Risk Project]

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 30, "Map Repositories").

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA.

To obtain an application for a LOMA, visit www.fema.gov/flood-maps/change-your-flood-zone and download the form "MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill". Visit the "Flood Map-Related Fees" section to determine the cost, if any, of applying for a LOMA.

FEMA offers a tutorial on how to apply for a LOMA. The LOMA Tutorial Series can be accessed at www.fema.gov/flood-maps/tutorials.

For more information about how to apply for a LOMA, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627).

6.5.2 Letters of Map Revision Based on Fill

A LOMR-F is an official revision by letter to an effective NFIP map. A LOMR-F states FEMA's determination concerning whether a structure or parcel has been elevated on fill above the base flood elevation and is, therefore, excluded from the SFHA.

Information about obtaining an application for a LOMR-F can be obtained in the same manner as that for a LOMA, by visiting www.fema.gov/flood-maps/change-your-flood-zone for the "MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill" or by calling the FEMA

Mapping and Insurance eXchange, toll free, at 1-877-FEMA MAP (1-877-336-2627). Fees for applying for a LOMR-F, if any, are listed in the "Flood Map-Related Fees" section.

A tutorial for LOMR-F is available at www.fema.gov/flood-maps/tutorials.

6.5.3 Letters of Map Revision

A LOMR is an official revision to the currently effective FEMA map. It is used to change flood zones, floodplain and floodway delineations, flood elevations and planimetric features. All requests for LOMRs should be made to FEMA through the chief executive officer of the community, since it is the community that must adopt any changes and revisions to the map. If the request for a LOMR is not submitted through the chief executive officer of the community, evidence must be submitted that the community has been notified of the request.

To obtain an application for a LOMR, visit www.fema.gov/flood-maps/change-your-flood-zone and download the form "MT-2 Application Forms and Instructions for Conditional Letters of Map Revision and Letters of Map Revision". Visit the "Flood Map-Related Fees" section to determine the cost of applying for a LOMR. For more information about how to apply for a LOMR, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627) to speak to a Map Specialist.

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Davidson County FIRM are listed in Table 26.

Table 26: Incorporated Letters of Map Change

[Not Applicable to this Flood Risk Project]

6.5.4 Physical Map Revisions

A Physical Map Revisions (PMR) is an official republication of a community's NFIP map to effect changes to base flood elevations, floodplain boundary delineations, regulatory floodways and planimetric features. These changes typically occur as a result of structural works or improvements, annexations resulting in additional flood hazard areas or correction to base flood elevations or SFHAs.

The community's chief executive officer must submit scientific and technical data to FEMA to support the request for a PMR. The data will be analyzed and the map will be revised if warranted. The community is provided with copies of the revised information and is afforded a review period. When the base flood elevations are changed, a 90-day appeal period is provided. A 6-month adoption period for formal approval of the revised map(s) is also provided.

For more information about the PMR process, please visit www.fema.gov and visit the Floods & Maps "Change Your Flood Zone Designation" section.

6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit www.fema.gov to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Davidson County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBMs) and/or Flood Boundary and Floodway Maps (FBFMs) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 27, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.

- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 27 but not identified on the map, the community is treated as if it were unmapped.

- *Initial FHBM Effective Date* is the effective date of the first FHBM. This date may be the same date as the Initial NFIP Map Date.

- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.

- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community.

- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as PMRs of FIRM panels within the county are completed, the FIRM Revision Dates in the table for each community affected by the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Davidson County FIRMs in countywide format was 04/20/2001.

Table 27: Community Map History

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Belle Meade, City of[1]	12/27/1974	12/27/1974	10/01/1976	06/15/1982	04/05/2017 11/21/2002 04/20/2001 06/02/1993 01/17/1990 05/15/1984
Berry Hill, City of[1]	12/27/1974	12/27/1974	10/01/1976	06/15/1982	06/20/2024 04/05/2017 11/21/2002 04/20/2001 06/02/1993 01/17/1990 05/15/1984
Forest Hills, City of[1]	12/27/1974	12/27/1974	10/01/1976	06/15/1982	02/25/2022 04/05/2017 04/20/2001 06/02/1993 01/17/1990 05/15/1984
Goodlettsville, City of	10/10/1975	10/10/1975	N/A	06/15/1981	06/20/2024 02/25/2022 04/05/2017 11/21/2002 04/20/2001
Metropolitan Government of Nashville and Davidson County	12/27/1974	12/27/1974	10/01/1976	06/15/1982	06/20/2024 02/25/2022 04/05/2017 11/21/2002 04/20/2001 06/02/1993 01/17/1990 05/15/1984
Oak Hill, City of	10/27/1972	10/27/1972	N/A	04/01/1980	06/20/2024 04/05/2017 04/20/2001
Ridgetop, City of[2]	04/16/2008	N/A	N/A	04/16/2008	02/25/2022 02/26/2021 04/05/2017

[1] This community did not have its own FIRM prior to the Countywide FIS. The land area for this community was previously shown on the FIRM for the Metropolitan Government of the City of Nashville and Davidson County, but was not identified as a separate NFIP community. Therefore, the dates for this community were taken from the FIRM for Nashville and Davidson County.

[2] Special flood hazard areas have been identified in this community; however, none exist within the portion of the community located in Davidson County.

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

Table 28 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 28: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Apple Valley Branch	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County
Bakers Fork	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Bakers Fork Tributary	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Barrywood Branch	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County
Bear Hollow Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Belle Meade Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County
Belle Meade Branch	04/05/2017	BakerAECOM, LLC	HSFEHQ-09-D-0368	09/01/2013	Belle Meade, City of; Forest Hills, City of; Metropolitan Government of Nashville and Davidson County
Brentwood Branch	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Browns Creek	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Berry Hill, City of; Metropolitan Government of Nashville and Davidson County
Browns Lake	02/25/2022	AECOM	HSEFE60-15-D-0003	11/01/2019	Metropolitan Government of Nashville and Davidson County
Buffalo Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Bull Run	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Carney Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Claylick Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Claylick Creek Overflow	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Collins Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Cooper Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Cooper Creek Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Cooper Creek Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Crocker Springs Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Crocker Springs Branch Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Cub Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Cumberland River	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	05/01/2012	Metropolitan Government of Nashville and Davidson County
Cumberland River - Old Hickory Lake	04/05/2017	USACE, Nashville District	N/A	01/01/1979	Metropolitan Government of Nashville and Davidson County
Cummings Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Davidson Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Drakes Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Dry Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2015	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County
Dry Fork	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Dry Fork Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Dry Fork Tributary 1	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Dry Fork Tributary 2	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Earthman Fork	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Earthman Fork Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Earthman Fork Tributary 3	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Earthman Fork Tributary 4	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
East Fork Browns Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Berry Hill, City of; Metropolitan Government of Nashville and Davidson County
East Fork Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
East Fork Hamilton Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
East Fork Hamilton Creek Tributary 1	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
East Fork Hamilton Creek Tributary 2	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Eaton Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Elm Hill Tributary	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Ewin Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Ewing Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Ewing Creek Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Ewing Creek Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Flat Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Flat Creek Overflow	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Franklin Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Franklin Branch Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Franklin Branch Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Franklin Branch Tributary 3	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Gibson Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Gibson Creek Tributary	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Gibson Creek Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Gibson Creek Tributary 1.1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Gibson Creek Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Gizzards Branch	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County
Gizzards Branch Tributary 1	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Goodlettsville, City of
Gizzards Branch Tributary 2	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Goodlettsville, City of
Glenrose Branch	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County
Harpeth River	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	10/22/2014	Metropolitan Government of Nashville and Davidson County
Harpeth River	02/25/2022	AECOM	HSEFE60-15-D-00033	05/01/2019	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Highway 100 Tributary	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Holt Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Hurricane Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Indian Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Indian Creek (West)	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Indian Creek (West) Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Indian Creek (West) Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
J. Percy Priest Reservoir	04/05/2017	USACE, Nashville District	N/A	Data not available	Metropolitan Government of Nashville and Davidson County
Jocelyn Hollow Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County
Jocelyn Hollow Branch Overflow	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County
Johnson Hollow	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Little Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Little Creek Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Little Creek Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Little East Fork Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Little Harpeth River	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Little Marrowbone Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Little Marrowbone Creek Tributary	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Long Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Long Creek Tributary	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Long Creek Tributary A	02/25/2022	AECOM	HSFE04-15-J0067	10/01/2017	Metropolitan Government of Nashville and Davidson County
Long Creek Tributary A	02/25/2022	AECOM	HSFE04-15-J0067	10/01/2017	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Loves Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Lumsley Fork	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County
Mansker Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Goodlettsville, City of; Metropolitan Government of Nashville and Davidson County
Mansker Creek Tributary 1	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Goodlettsville, City of
Mansker Creek Tributary 2	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Marrowbone Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Marrowbone Lake	02/25/2022	AECOM	HSEFE60-15-D-0003	11/01/2019	Metropolitan Government of Nashville and Davidson County
McCrory Creek	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Middle Fork Browns Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County; Oak Hill, City of
Mill Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
North Fork Ewing Creek Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek Tributary 3	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek Tributary 4	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek Tributary 5	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek Tributary 6	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek Tributary 7	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
North Fork Ewing Creek Tributary 8	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Otter Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Forest Hills, City of; Metropolitan Government of Nashville and Davidson County; Oak Hill, City of
Overall Creek	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County
Overall Creek Tributary 2	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County
Owl Creek	02/25/2022	AECOM	HSFE04-15-J0067	10/01/2017	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Pages Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Pages Branch Tributary A	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Pages Branch Tributary B	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Pond Creek	02/25/2022	AECOM	HSFE04-15-J0067	10/01/2017	Metropolitan Government of Nashville and Davidson County
Poplar Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Pulley Tributary	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Richland Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Belle Meade, City of; Forest Hills, City of; Metropolitan Government of Nashville and Davidson County
Richland Creek	04/05/2017	BakerAECOM, LLC	HSFEHQ-09-D-0368	09/01/2013	Forest Hills, City of; Metropolitan Government of Nashville and Davidson County
Scotts Creek	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Scotts Creek Tributary	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Scotts Hollow	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Sevenmile Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Sevenmile Creek Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Sevenmile Creek Tributary 2	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Shaw Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Sims Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Sorghum Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Sorghum Branch Overflow	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
South Fork Sycamore Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
South Fork Sycamore Creek Tributary	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
South Harpeth River	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Stonemeade Branch	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County
Stoners Creek	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Stones River	04/05/2017	AECOM	HSFEHQ-09-D-0368	04/01/2014	Metropolitan Government of Nashville and Davidson County
Sugartree Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	10/01/2014	Belle Meade, City of; Metropolitan Government of Nashville and Davidson County
Sulphur Branch	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Sulphur Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Sycamore Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Trace Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Trantham Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Tributary No. 1 to Overall Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Tributary to Richland Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tributary to Richland Creek Overflow	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Turkey Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Unnamed Tributary to Whittemore Branch	04/05/2017	Gresham Smith and Partners	See LOMR Case Number 08-04-0137P	07/11/2008	Metropolitan Government of Nashville and Davidson County
Vaughns Gap Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Vaughns Gap Branch Overflow	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Vhoins Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Walkers Creek	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
Walkers Creek Tributary	02/25/2022	AECOM	HSEFE60-15-D-0003	05/01/2019	Metropolitan Government of Nashville and Davidson County
West Fork Browns Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County; Oak Hill, City of
Whites Creek	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Whites Creek Tributary	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Whittemore Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Whittemore Branch Tributary	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	11/01/2012	Metropolitan Government of Nashville and Davidson County
Windemere Branch	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Windemere Branch Tributary 1	04/05/2017	USACE, Nashville District	HSFEHQ-09-D-0368	02/01/2015	Metropolitan Government of Nashville and Davidson County
Woods Lake Branch	06/20/2024	AECOM	HSEFE60-15-D-0003	09/01/2020	Metropolitan Government of Nashville and Davidson County

7.2 Community Meetings

The dates of the community meetings held for this Flood Risk Project and previous Flood Risk Projects are shown in Table 29. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Belle Meade, City of	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the Tennessee Economic and Community Development (TN ECD) Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.
Berry Hill, City of	06/20/2024	01/21/2021	Flood Risk Review (FRR)	FEMA, AECOM, USACE, study contractors, and the community
		06/02/2021	Final CCO	FEMA, AECOM, USACE, study contractors, and the community
	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the TN ECD Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.
Forest Hills, City of	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the TN ECD Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Goodlettsville, City of	06/20/2024	01/21/2021	Flood Risk Review (FRR)	FEMA, TEMA AECOM, USACE, study contractors, and the community
		06/02/2021	Final CCO	FEMA, AECOM, USACE, study contractors, and the community
	02/25/2022	09/23/2019	Flood Risk Review (FRR)	FEMA, AECOM, USACE, study contractors, and the community
		06/03/2020	Final CCO	Metropolitan Government of Nashville and Davidson County, City of Forest Hills, City of Goodlettesville, State of Tennessee, FEMA, and AECOM
		06/21/2021	Resilience	FEMA, AECOM, USACE, study contractors, and the community
	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the TN ECD Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.
Metropolitan Government of Nashville and Davidson County	06/20/2024	01/21/2021	Flood Risk Review (FRR)	FEMA, TEMA AECOM, USACE, study contractors, and the community
		06/02/2021	Final CCO	FEMA, AECOM, USACE, study contractors, and the community

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Metropolitan Government of Nashville and Davidson County (continued)	02/25/2022	09/23/2019	Flood Risk Review (FRR)	FEMA, AECOM, USACE, study contractors, and the community
		06/03/2020	Final CCO	Metropolitan Government of Nashville and Davidson County, City of Forest Hills, City of Goodlettesville, State of Tennessee, FEMA, and AECOM
		06/21/2021	Resilience	FEMA, AECOM, USACE, study contractors, and the community
	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the TN ECD Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.
Oak Hill, City of	06/20/2024	01/21/2021	Flood Risk Review (FRR)	FEMA, TEMA AECOM, USACE, study contractors, and the community
		06/02/2021	Final CCO	FEMA, AECOM, USACE, study contractors, and the community
	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the TN ECD Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Ridgetop, City of	04/05/2017	10/14/2009	Initial CCO	Representatives of FEMA, BakerAECOM, LLC, Metro Government of Nashville and Davidson County, City of Goodlettsville, City of Berry Hill, City of Belle Meade, City of Forest Hills, and the TN ECD Local Planning Assistance Office.
		02/26/2014	Final CCO	Representatives of BakerAECOM, LLC, FEMA, and the communities.

SECTION 8.0 – ADDITIONAL INFORMATION

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see www.fema.gov.

Table 30 is a list of the locations where FIRMs for Davidson County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Table 30: Map Repositories

Community	Address	City	State	Zip Code
Belle Meade, City of	City Hall 4705 Harding Road	Belle Meade	TN	37205
Berry Hill, City of	Berry Hill City Hall 698 Thompson Lane	Nashville	TN	37204
Forest Hills, City of	Forest Hills City Hall 6300 Hillsboro Pike	Nashville	TN	37215
Goodlettsville, City of	Community Development Services 318 North Main Street	Goodlettsville	TN	37072
Metropolitan Government of Nashville and Davidson County	Nashville-Davidson County Metro Water and Sewage Service 1600 2nd Avenue North	Nashville	TN	37208
Oak Hill, City of	Oak Hill City Hall 5548 Franklin Pike, Suite 101	Nashville	TN	37220
Ridgetop, City of[1]	City Hall 1730 Highway 41 South	Ridgetop	TN	37152

[1] No Special Flood Hazard Areas Identified

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM Databases and LOMCs. Together they create a GIS data layer for a State or Territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 31.

Table 31 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the State NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of State or territorial government to coordinate that State's or territory's NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of State and local GIS data in their state.

Table 31: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	www.fema.gov/flood-maps/products-tools/know-your-risk/engineers-surveyors-architects
NFIP website	www.fema.gov/flood-insurance
NFHL Dataset	msc.fema.gov
FEMA Region IV	Federal Emergency Management Agency 3005 Chamblee Tucker Road Atlanta, GA 30341 (770) 220-5200
Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Amy J. Miller Tennessee Emergency Management Agency 3041 Sidco Drive Nashville, TN 37204 (615) 532-6683 Amy.J.Miller@tn.gov
State GIS Coordinator	Dennis Pedersen, Division Director Office for Information Resources, GIS Services Tennessee Tower, 16th Floor 312 8th Avenue, North Nashville, TN 37243 (615) 741-9356 Dennis.Pedersen@tn.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

Table 32 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 32: Bibliography and References

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
FIS 1989	Federal Emergency Management Agency	Flood Insurance Study, Rutherford County, Tennessee, Unincorporated Areas		Washington, D.C.	October 17, 1989	FEMA Flood Map Service Center msc.fema.gov
FIS 2001	Federal Emergency Management Agency	Flood Insurance Study, Metropolitan Government of Nashville and Davidson County, Tennessee and Incorporated Areas		Washington, D.C.	April 20, 2001	FEMA Flood Map Service Center msc.fema.gov
FIS 2002	Federal Emergency Management Agency	Flood Insurance Study, Metropolitan Government of Nashville and Davidson County, Tennessee and Incorporated Areas (47037CV001A)		Washington, D.C.	November 21, 2002	FEMA Flood Map Service Center msc.fema.gov
FIS 2010	Federal Emergency Management Agency	Flood Insurance Study, Cheatham County, Tennessee and Incorporated Areas (47021CV000A)		Washington, D.C.	September 17, 2010	FEMA Flood Map Service Center msc.fema.gov
FIS 2017	Federal Emergency Management Agency	Flood Insurance Study, Metropolitan Government of Nashville and Davidson County, Tennessee and Incorporated Areas (47037CV001B)		Washington, D.C.	April 5, 2017	FEMA Flood Map Service Center msc.fema.gov
FIS 2022	Federal Emergency Management Agency	Flood Insurance Study, Metropolitan Govenerment of Nashville and Davidson County, Tennessee and Incorporated Areas		Washington, D.C.	February 25, 2022	FEMA Flood Map Service Center msc.fema.gov
LOMR 2008	Federal Emergency Management Agency	LOMR Case Number 08-04-0256PP for McCrory Creek		Washington, D.C.	September 15, 2008	FEMA Flood Map Service Center msc.fema.gov
MDCPD 2013	Metro Davidson County Planning Department	Base Data		Nashville, Tennessee	August 15, 2013	https://www.nashville.gov/
MWSSD 1988	Metro Water Services Stormwater Division	"Nashville-Davidson County Stormwater Management Study Whites Creek Basin Plan"		Nashville, Tennessee	December 1988	FEMA Mapping Information Platform hazards.fema.gov
MWSSD 1990a	Metro Water Services Stormwater Division	"Nashville-Davidson County Stormwater Management Study Browns Creek Basin Plan"		Nashville, Tennessee	June 1990	FEMA Mapping Information Platform hazards.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
MWSSD 1990b	Metro Water Services Stormwater Division	"Nashville-Davidson County Stormwater Management Study Richland Creek Basin Plan"		Nashville, Tennessee	June 1990	FEMA Mapping Information Platform hazards.fema.gov
NPD 2018	Nashville Planning Department	Incorporated Boundaries		Nashville, Tennessee	June 20, 2018	https://www.nashville.gov/
PSI 2013	Photo Science Incorporated	DEM generated from 2013 LiDAR collected by Photo Science Inc.			2013	FEMA Mapping Information Platform hazards.fema.gov
TDOT 2013	Tennessee Department of Transportation (TDOT), Office of Aerial Surveys	Davidson County Aerial Imagery 2013		Nashville, Tennessee	August 28, 2013	https://www.tn.gov/tdot/
TDOT 2017	TDOT, Office of Aerial Surveys	Davidson County 2017 Aerial Imagery		Nashville, Tennessee	November 1, 2016	https://www.tn.gov/tdot/
TNOIRGIS 2005	State of Tennessee Department of Finance and Administration GIS Department	Railroads	Tele Atlas	Nashville, Tennessee	October 1, 2007	https://tnmap.tn.gov/
TNOIRGIS 2011	State of Tennessee Department of Finance and Administration GIS Department	County Boundary		Nashville, Tennessee	March 14, 2011	https://gis.tn.gov/
TNOIRGIS 2012	State of Tennessee Department of Finance and Administration GIS Department	County Boundary		Nashville, Tennessee	July 3, 2012	https://tnmap.tn.gov/
TNOIRGIS 2014	State of Tennessee Department of Finance and Administration GIS Department	Hydro lines		Nashville, Tennessee	March 12, 2014	https://tnmap.tn.gov/
TNOIRGIS 2017	State of Tennessee Department of Finance and Administration GIS Department	Tennessee Hydro Lines		Nashville, Tennessee	April 18, 2017	https://tnmap.tn.gov/

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
TNOIRGIS 2018a	State of Tennessee Department of Finance and Administration GIS Department	Transportation, Roads		Nashville, Tennessee	June 5, 2018	https://gis.tn.gov/
TNOIRGIS 2018b	State of Tennessee Department of Finance and Administration GIS Department	Transportation, Railroads		Nashville, Tennessee	June 5, 2018	https://gis.tn.gov/
TNOIRGIS 2020a	Comptroller of the Treasury by various TN municipalities	Administrative Boundaries	State of Tennessee Department of Finance and Administrat-ion GIS Department	Nashville, Tennessee	January 17, 2020	https://tnmap.tn.gov/
TNOIRGIS 2020b	State of Tennessee Department of Finance and Administration GIS Department	Roads		Nashville, Tennessee	April 22, 2020	https://tnmap.tn.gov/
USACE 1979	U.S. Army Corps of Engineers, Nashville District	"Flood Frequency Study for the Cumberland River Basin"			January 1979	FEMA Mapping Information Platform hazards.fema.gov
USACE 1985	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-1 Flood Hydrograph Package, Computer Program 723-X6-L2010, Davis, California,		Davis, California	September 1981, revised January 1985	FEMA Mapping Information Platform hazards.fema.gov
USACE 1998	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-1, Flood Hydrograph Package, User's Manual, Version 4.1		Davis, California	June 1998	FEMA Mapping Information Platform hazards.fema.gov
USACE 2005	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS 3.1.3, River Analysis System, Version 3.1.3, Computer Software		Davis, California	May 2005	FEMA Mapping Information Platform hazards.fema.gov
USACE 2009	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS 3.4, Hydrologic Modeling System, Version 3.4		Davis, California	August 2009	FEMA Mapping Information Platform hazards.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
USACE 2010a	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS 4.1.0, River Analysis System, Version 4.1.0, Computer Software		Davis, California	January 2010	FEMA Mapping Information Platform hazards.fema.gov
USACE 2010b	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS 3.5, Hydrologic Modeling System, Version 3.5		Davis, California	August 2010	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012a	U.S. Army Corps of Engineers, Nashville District	"Cumberland River - Cheatham Pool Flood Frequency Update Report"		Nashville, Tennessee	June 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012b	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Browns Creek Watershed, Flood Insurance Update"		Nashville, Tennessee	November 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012c	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Little Harpeth River Watershed Hydrology, Flood Insurance Update"		Nashville, Tennessee	November 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012d	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Mill Creek Watershed, Flood Insurance Update"		Nashville, Tennessee	November 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012e	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Richland Creek Watershed, Flood Insurance Update"		Nashville, Tennessee	November 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012f	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Whites Creek Watershed, Flood Insurance Update""		Nashville, Tennessee	November 2012	FEMA Mapping Information Platform hazards.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
USACE 2012g	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Harpeth River Tributaries, Flood Insurance Update"		Nashville, Tennessee	December 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012h	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Harpeth River Watershed, Flood Insurance Update"		Nashville, Tennessee	December 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2012i	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Harpeth River Watershed, HEC-HMS Analysis"		Nashville, Tennessee	December 2012	FEMA Mapping Information Platform hazards.fema.gov
USACE 2013	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS 4.0, Hydrologic Modeling System, Version 4.0		Davis, California	December 2013	FEMA Mapping Information Platform hazards.fema.gov
USACE 2014a	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"McCrory Creek Watershed, Flood Insurance Update"		Nashville, Tennessee	April 2014	FEMA Mapping Information Platform hazards.fema.gov
USACE 2014b	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Stoners Creek Basin, Flood Insurance Study"		Nashville, Tennessee	April 2014	FEMA Mapping Information Platform hazards.fema.gov
USACE 2014c	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	"Stones River, Flood Insurance Study"		Nashville, Tennessee	April 2014	FEMA Mapping Information Platform hazards.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, “Article,” Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
USACE 2014d	USACE Model Revision: Sugartree Creek	USACE Model Revision: Sugartree Creek			April 18, 2014	FEMA Mapping Information Platform hazards.fema.gov
USACE 2015-4A	U.S. Army Corps of Engineers, Nashville District & AMEC Environmental & Infrastructure, Inc.	“Cumberland River Tributaries, Flood Insurance Study Update”		Nashville, Tennessee	February 2015	FEMA Mapping Information Platform hazards.fema.gov
USACE 2015-4AA	U.S. Army Corps of Engineers, Nashville District	“Dry Creek Watershed, Flood Insurance Update”		Nashville, Tennessee	November 2015	FEMA Mapping Information Platform hazards.fema.gov
USACE 2015-4B	U.S. Army Corps of Engineers, Nashville District	“Metro Nashville PAS - Phase 4B - Flood Insurance Update”		Nashville, Tennessee	July 2015	FEMA Mapping Information Platform hazards.fema.gov
USACE 2016-4C	U.S. Army Corps of Engineers, Nashville District	“Metro Nashville PAS - Phase 4C - Flood Insurance Update”		Nashville, Tennessee	May 2016	FEMA Mapping Information Platform hazards.fema.gov
USACE 2016-4D	U.S. Army Corps of Engineers, Nashville District	“Metro Nashville PAS - Phase 4D - Flood Insurance Update”		Nashville, Tennessee	October 2016	FEMA Mapping Information Platform hazards.fema.gov
USACE 2016a	U.S. Army Corps of Engineers, Nashville District	“Harpeth River Watershed, Flood Insurance Update”		Nashville, Tennessee	April 2016	FEMA Mapping Information Platform hazards.fema.gov
USACE 2016b	U.S. Army Corps of Engineers, Nashville District	“Little Harpeth River Watershed, Flood Insurance Update”		Nashville, Tennessee	April 2016	FEMA Mapping Information Platform hazards.fema.gov
USACE 2016c	U.S. Army Corps of Engineers, Nashville District	“Harpeth River Watershed Feasibility”		Nashville, Tennessee	March 2016	FEMA Mapping Information Platform hazards.fema.gov
USACE 2016d	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS 4.2, Hydrologic Modeling System, Version 4.2		Davis, California	August 2016	FEMA Mapping Information Platform hazards.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
USACE 2017	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS 4.2.1, Hydrologic Modeling System, Version 4.2.1		Davis, California	March 2017	FEMA Mapping Information Platform hazards.fema.gov
USACE 2018	U.S. Army Corps of Engineers, Nashville District	"Dry Creek Watershed, Flood Insurance Update" Draft Preliminary		Nashville, Tennessee	March 2018	FEMA Mapping Information Platform hazards.fema.gov
USACE 2019a	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS 5.0.7, River Analysis System, Version 4.0.7, Computer Software		Davis, California	March 2019	FEMA Mapping Information Platform hazards.fema.gov
USACE 2019b	U.S. Army Corps of Engineers, Nashville District	"Metro Nashville PAS - Phase 6 - Flood Insurance Update" Draft Preliminary		Nashville, Tennessee	March 2019	FEMA Mapping Information Platform hazards.fema.gov
USACE 2019c	U.S. Army Corps of Engineers, Nashville District	"Overall Creek 2019 HEC-RAS Model Revision (Cedar Place Town homes Development)"		Nashville, Tennessee	April 5, 2019	FEMA Mapping Information Platform hazards.fema.gov
USACE 2019d	U.S. Army Corps of Engineers, Nashville District	"Overall Creek Tributary 2 Watershed, Flood Insurance Update"		Nashville, Tennessee	March 2019	FEMA Mapping Information Platform hazards.fema.gov
USACE 2019e	U.S. Army Corps of Engineers, Nashville District	"Browns Creek - Melrose Area, Flood Insurance Update" Draft Preliminary		Nashville, Tennessee	April 2019	FEMA Mapping Information Platform hazards.fema.gov
USGS 1976	U.S. Geological Survey, for Tennessee Department of Transportation	"Techniques for Estimating Magnitude and Frequency of Floods in Tennessee"		Washington, D.C.	1976	
USGS 1982	U.S. Department of Interior, Geological Survey	"Guidelines for Determining Flood Frequency", Bulletin 17B of the Hydrology Sub Committee		Reston, Virginia	Revised September 1981, Editorial Corrections March 1982	
USGS 1984	U.S. Geological Survey, for Tennessee Department of Transportation	"Synthesized Flood Frequency for small Urban Streams in Tennessee" Water-Resources Investigations Report 84-4182	C. Robbins		1984	

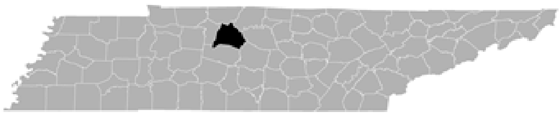
Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher / Issuer	Publication Title, "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date / Date of Issuance	Link
USGS 1994	United States Geological Survey (USGS)	HUC8 Boundaries		Washington, DC	1994	https://water.usgs.gov/
USGS 2000	U.S. Department of Interior, Geological Survey	"Flood-Frequency Prediction Methods for Unregulated Streams of Tennessee, 2000" Water-Resources Investigations Report 03-4176, WIR 03-4176		Nashville, Tennessee	2000	
USGS Various	U.S. Department of Interior, Geological Survey	National Water Information System (NWIS) Site Information for USA: Site Inventory for USGS Gages		N/A	Various	https://waterdata.usgs.gov/nwis/inventory
Woolpert 2016	Woolpert, Inc.	TN 27 County QL2 Lidar (Cumberland Plateau) DEM IMG 2015 TN 27 County QL2 Lidar (Cumberland Plateau) project was used as the data source for creating 5ft resolution DEMs		Dayton, Ohio	June 30, 2016	

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 7 OF 11



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV007D
Version Number 2.6.3.0

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Volume 11
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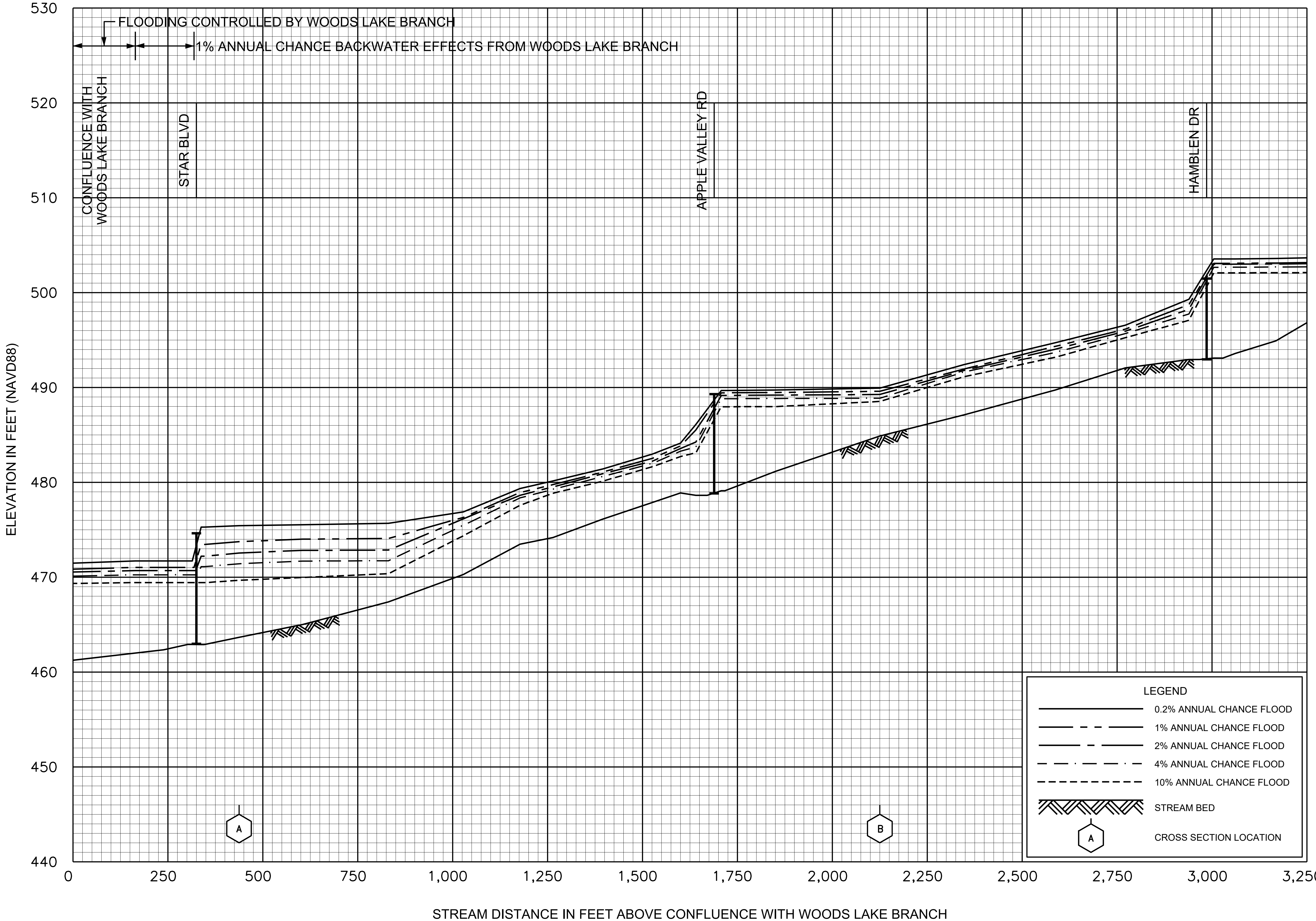
Published Separately

Flood Insurance Rate Map (FIRM)



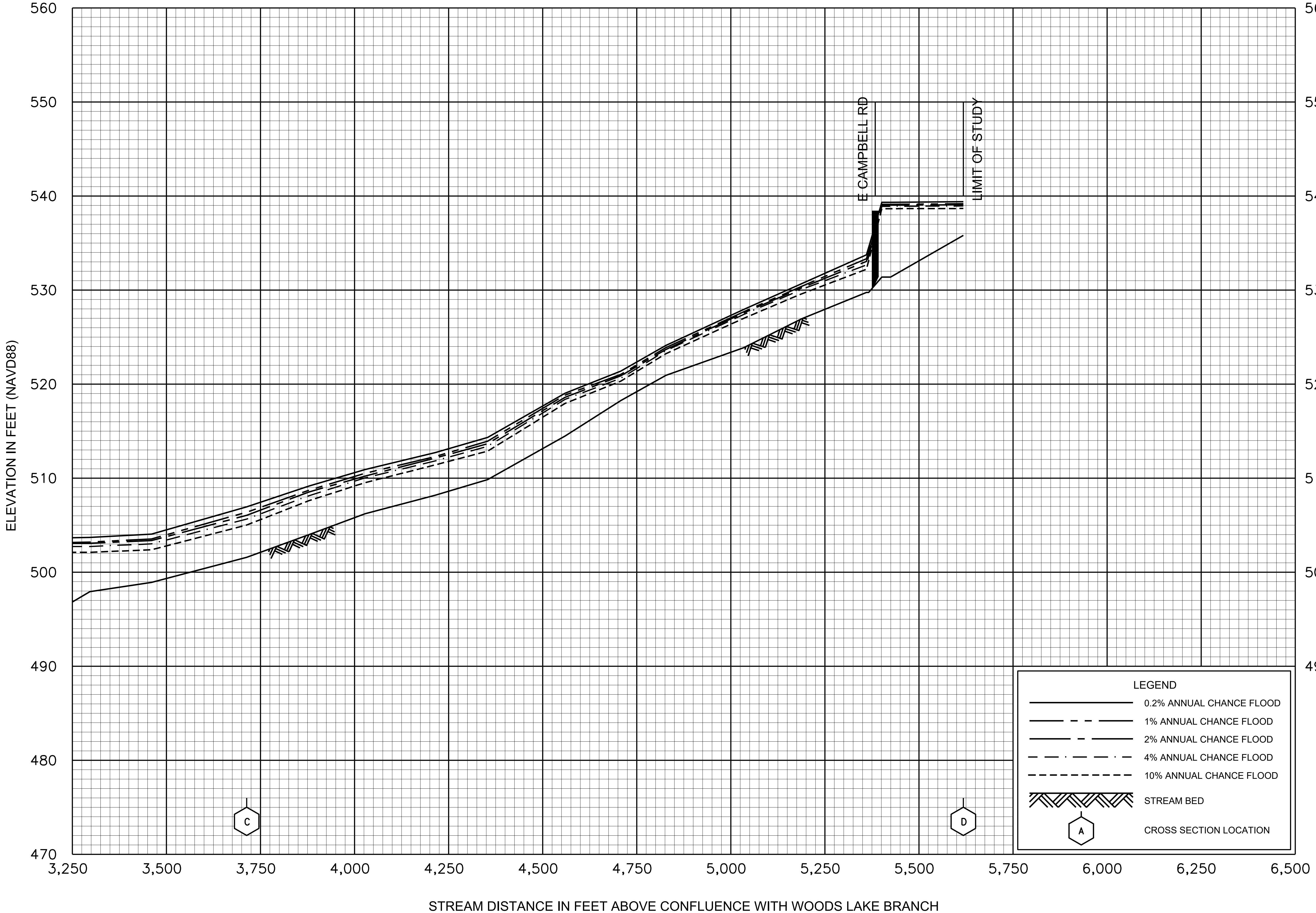
FLOOD PROFILES

APPLE VALLEY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



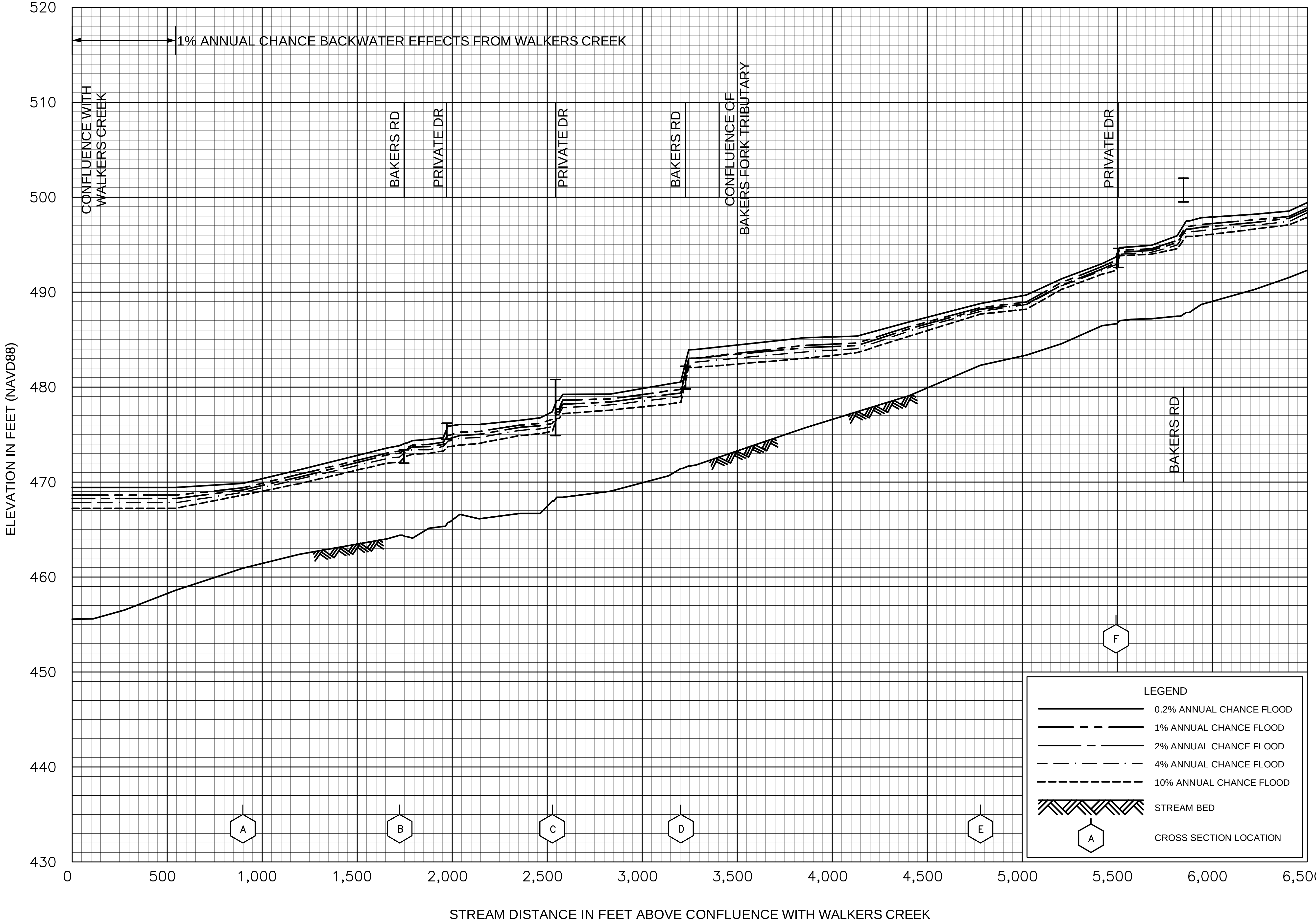
FLOOD PROFILES

APPLE VALLEY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

002P

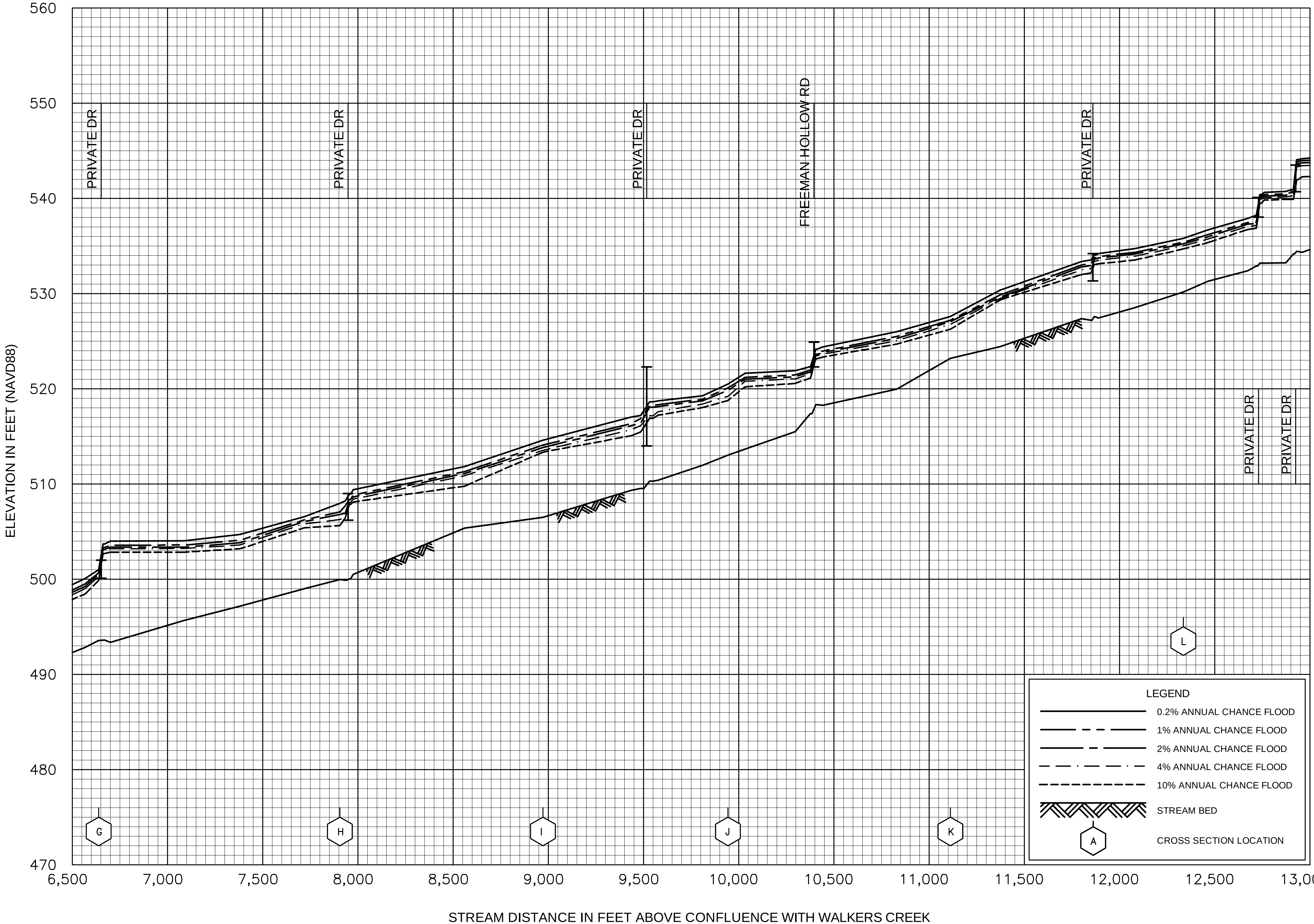


FLOOD PROFILES

BAKERS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

003P



FLOOD PROFILES

BAKERS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
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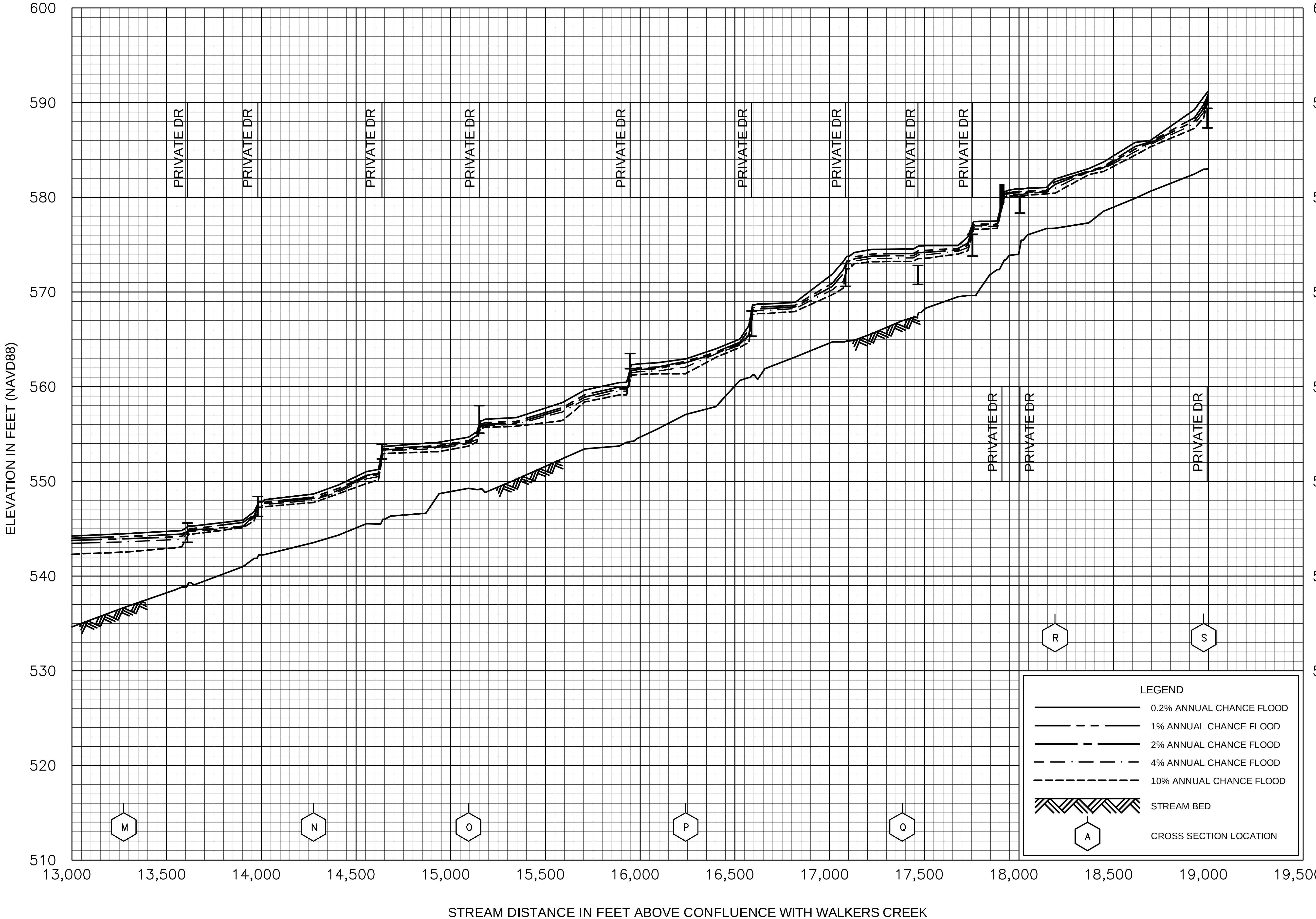
004P

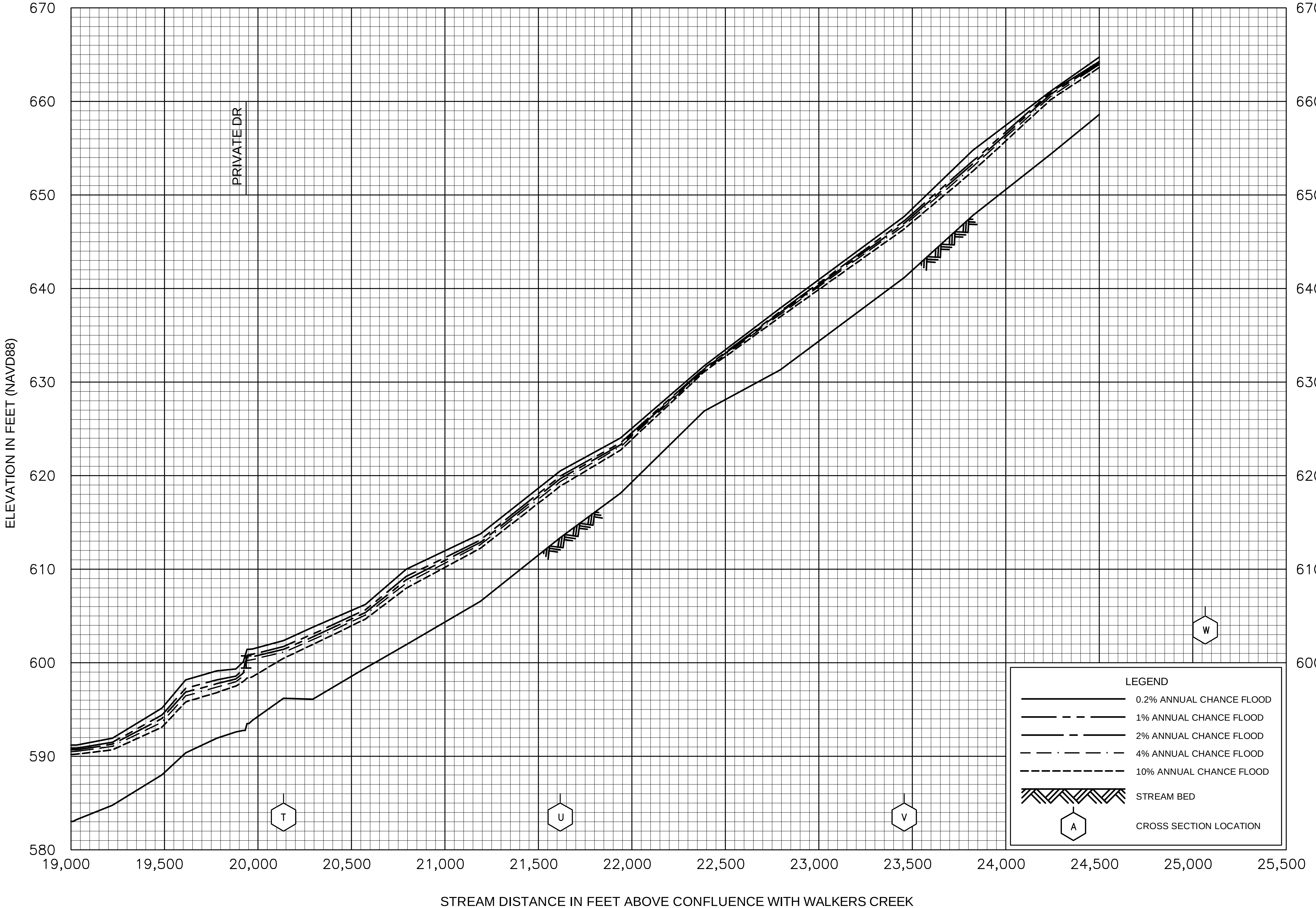


FLOOD PROFILES

BAKERS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

005P



FLOOD PROFILES

BAKERS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

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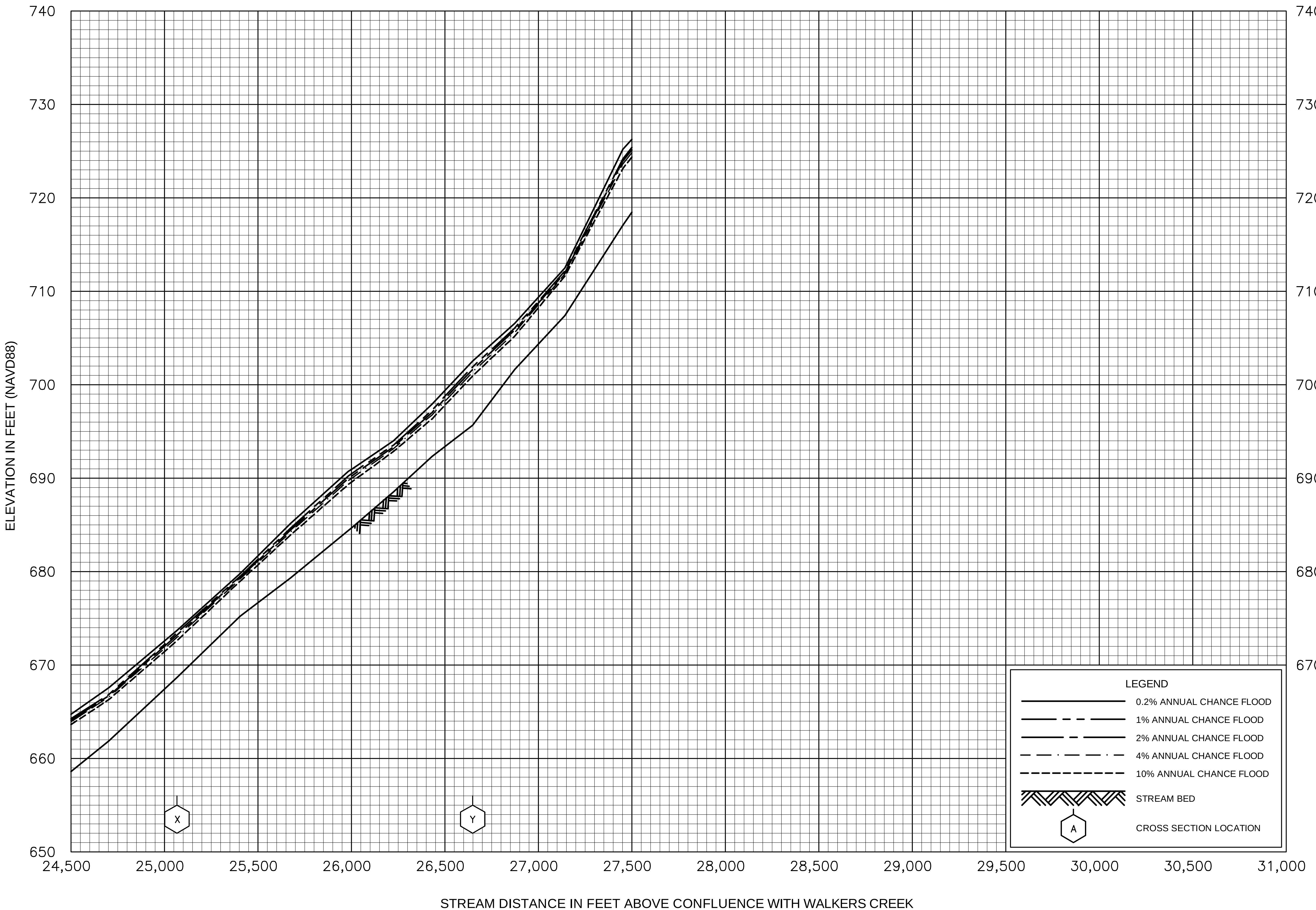

FLOOD PROFILES

BAKERS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

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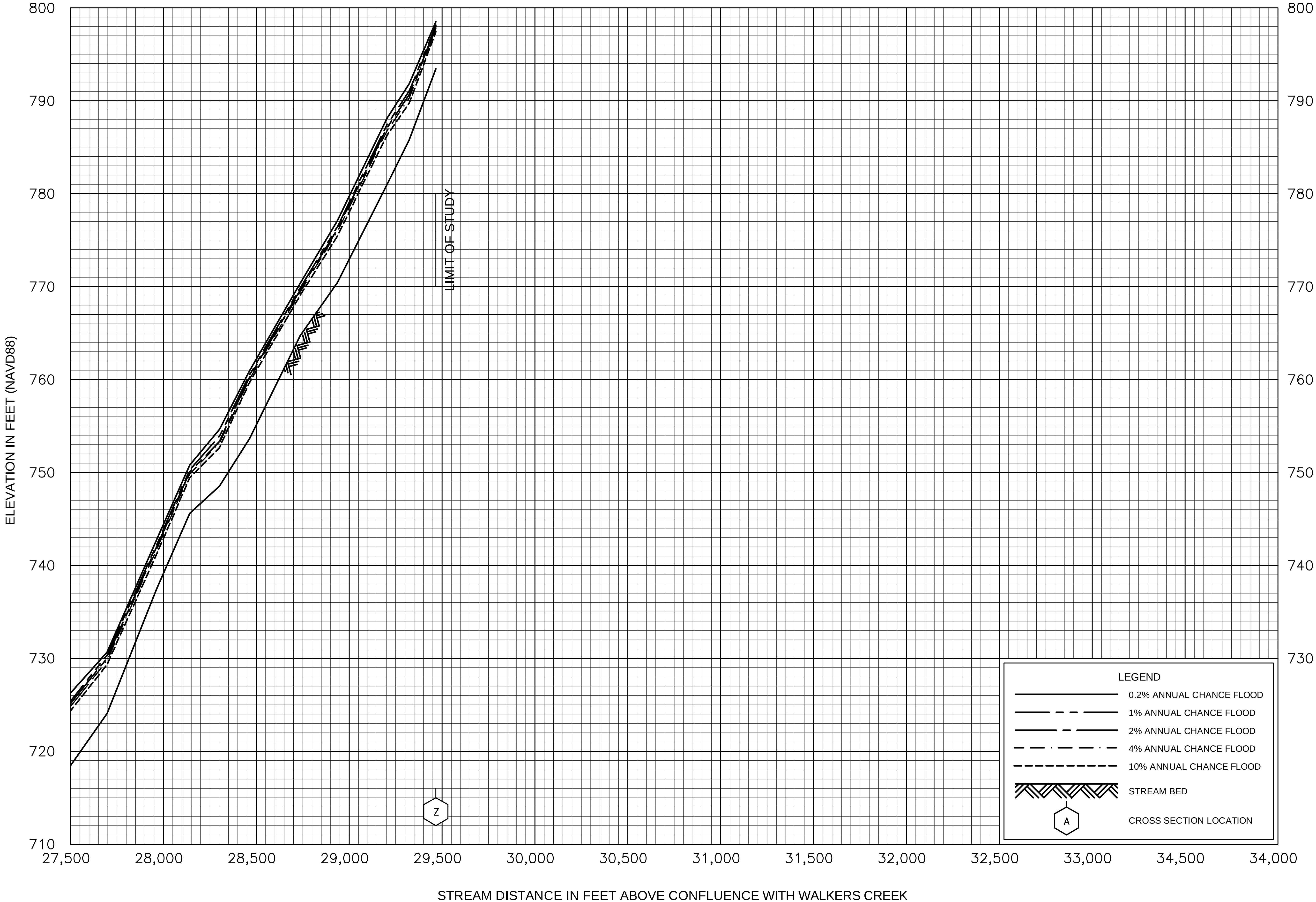

FLOOD PROFILES

BAKERS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

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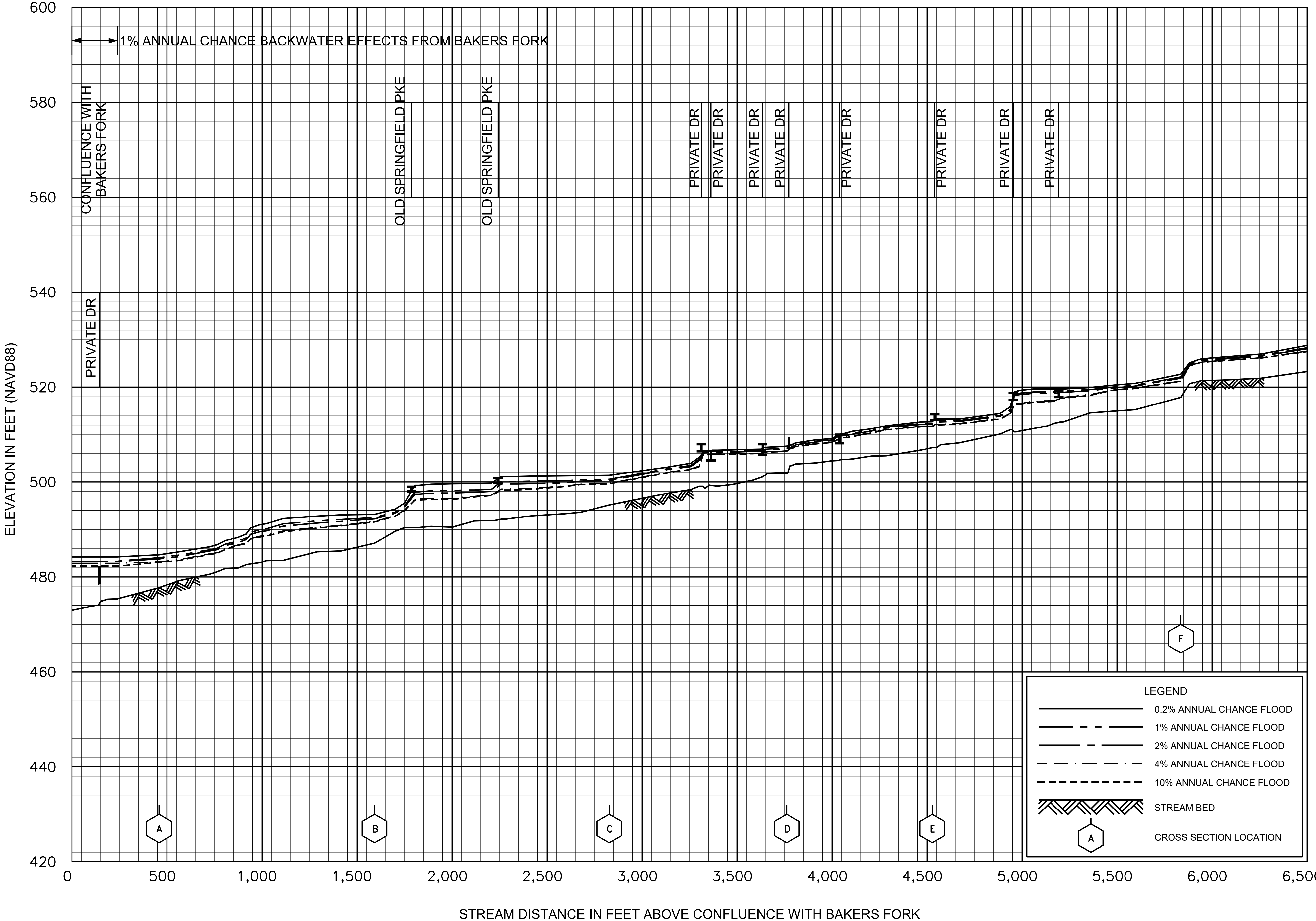
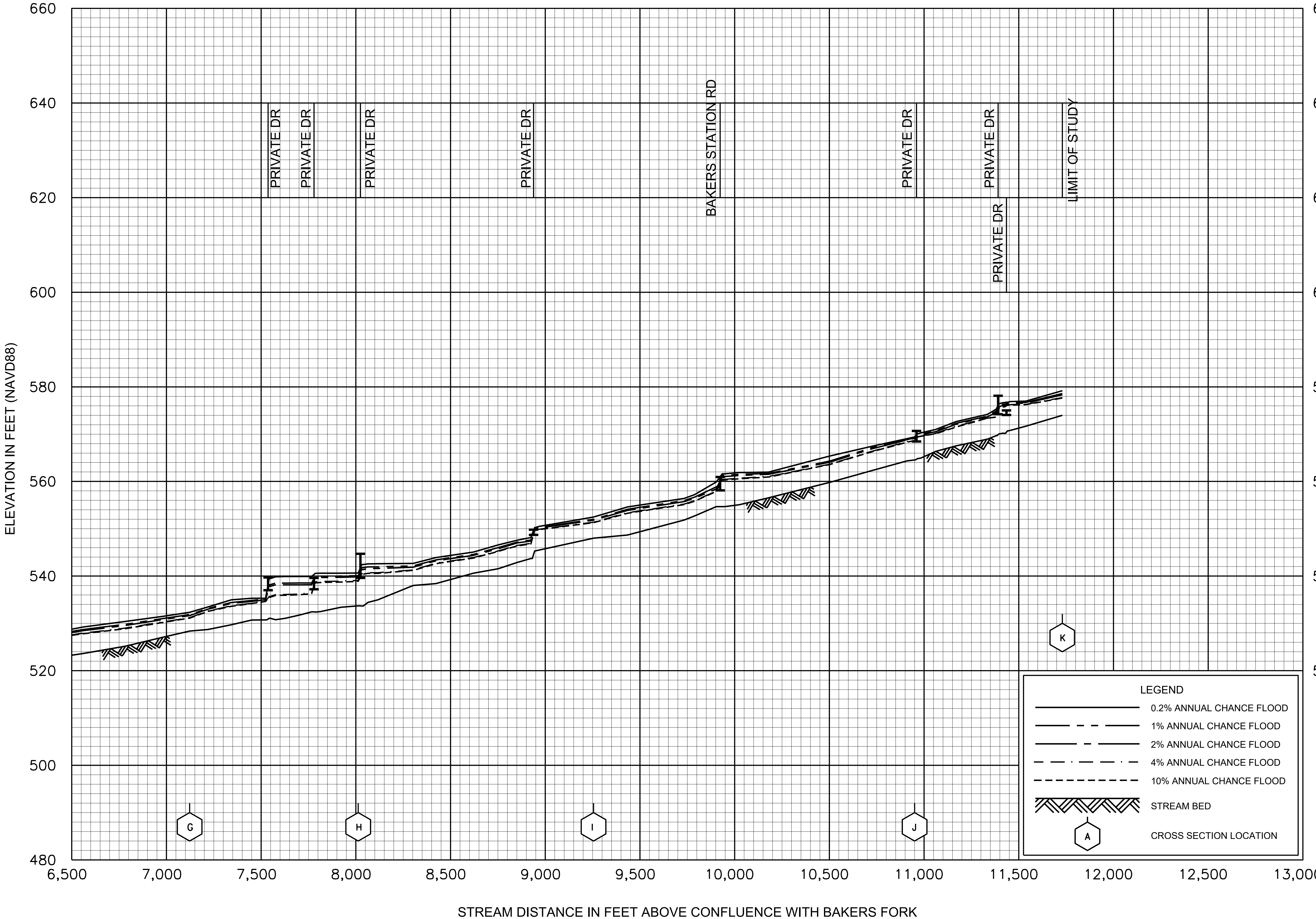


FLOOD PROFILES

BAKERS FORK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

007P



FLOOD PROFILES

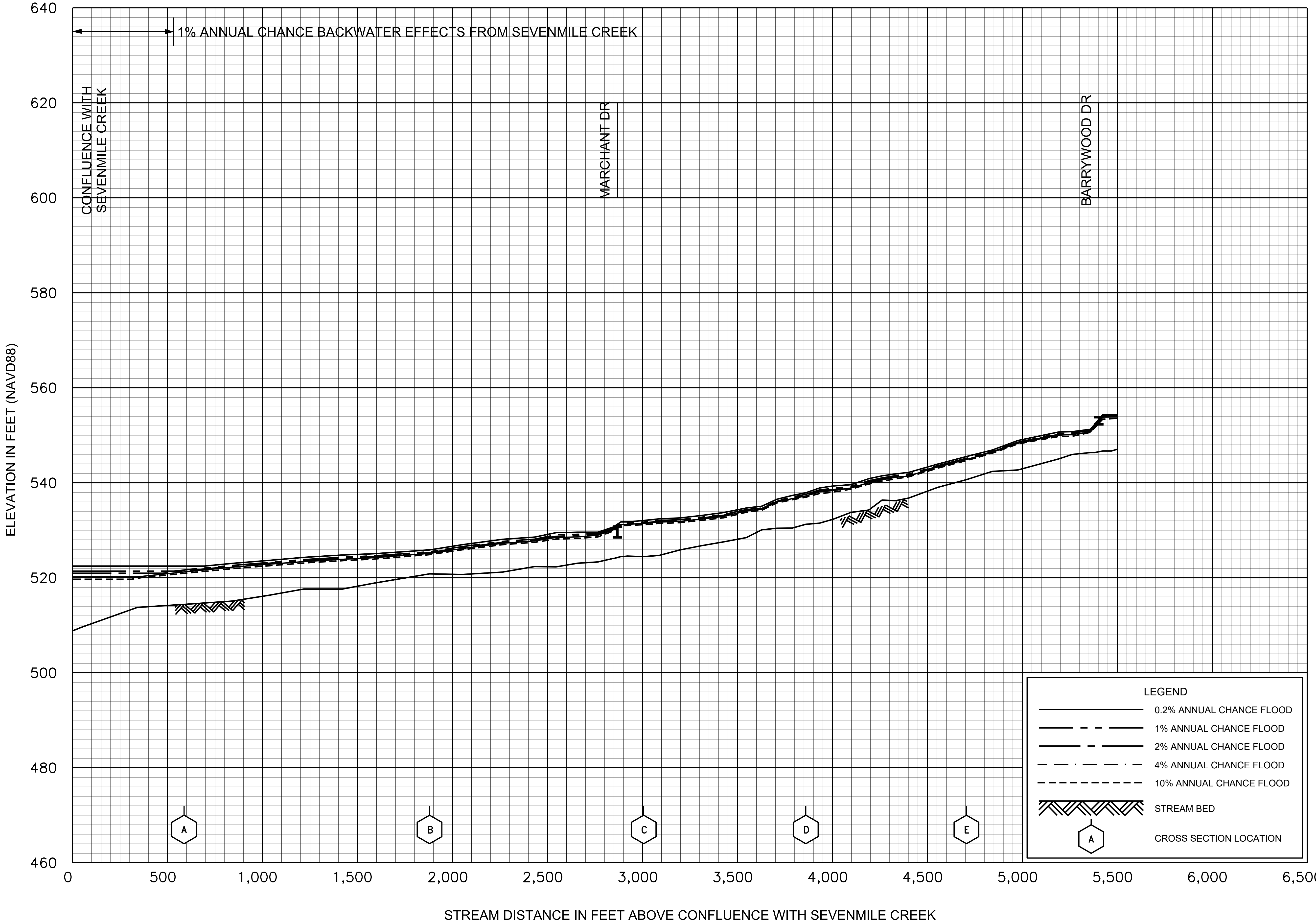
BAKERS FORK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

008P

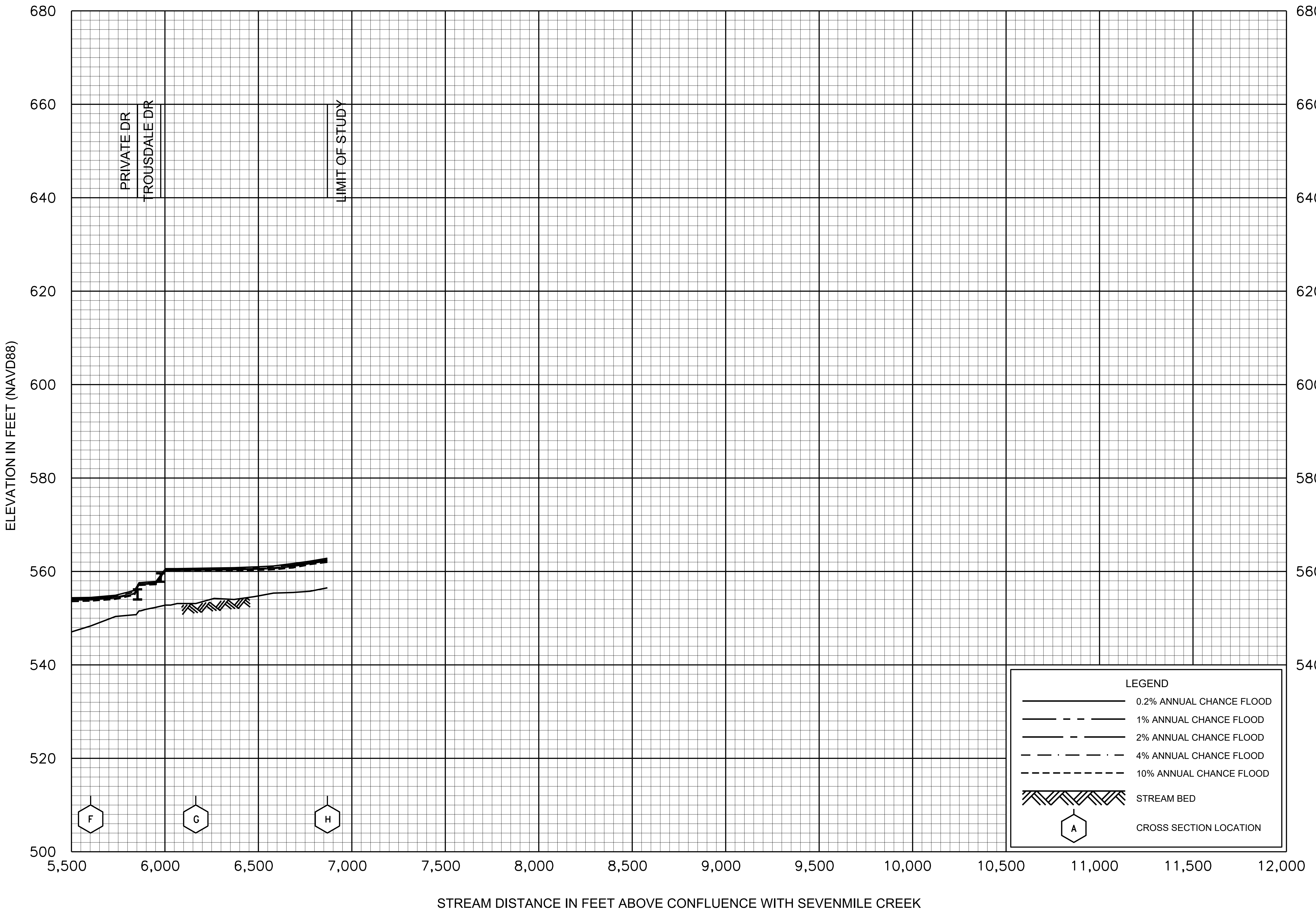


FLOOD PROFILES

BARRYWOOD BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

009P



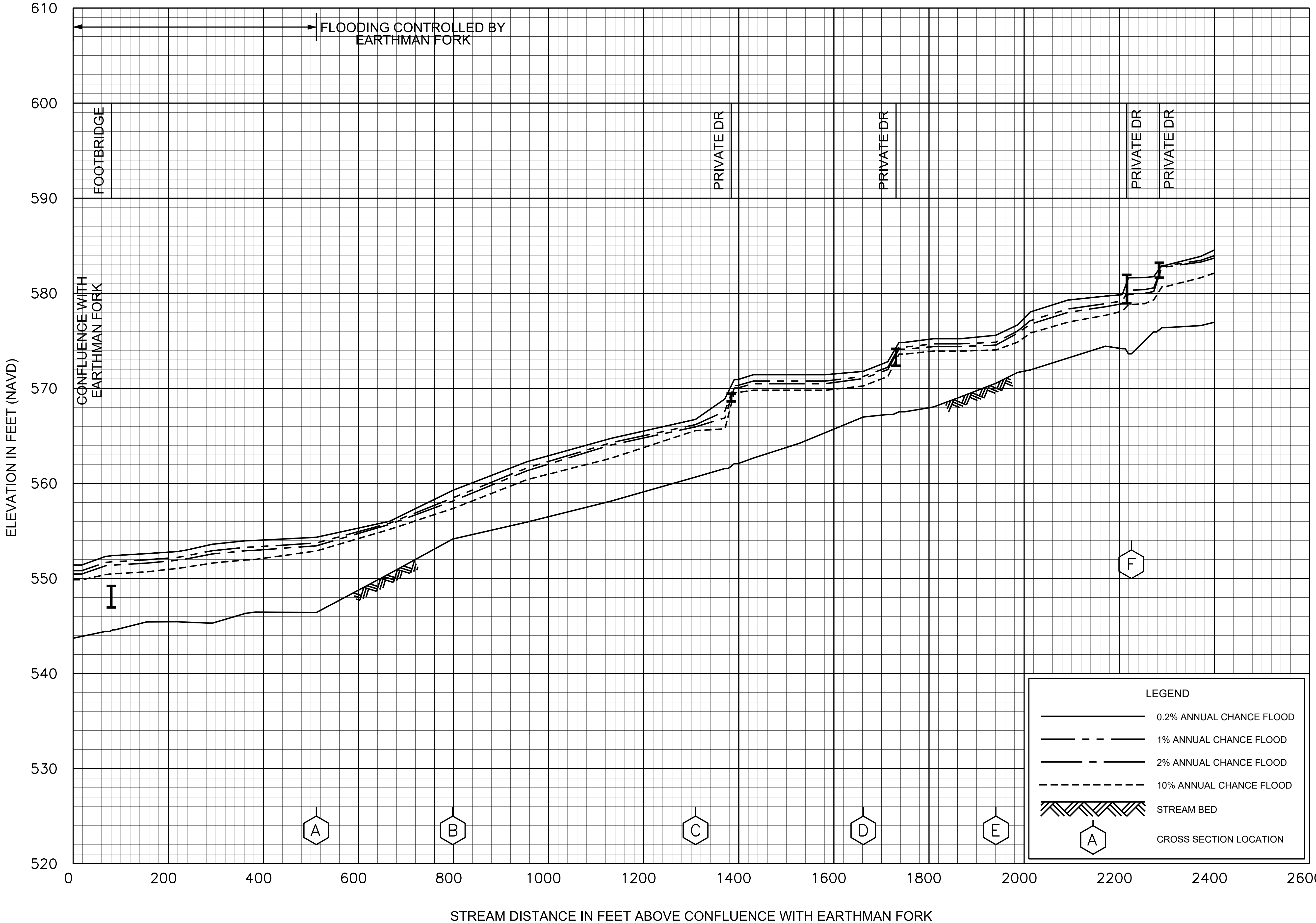
FLOOD PROFILES

BARRYWOOD BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

010P



FLOOD PROFILES

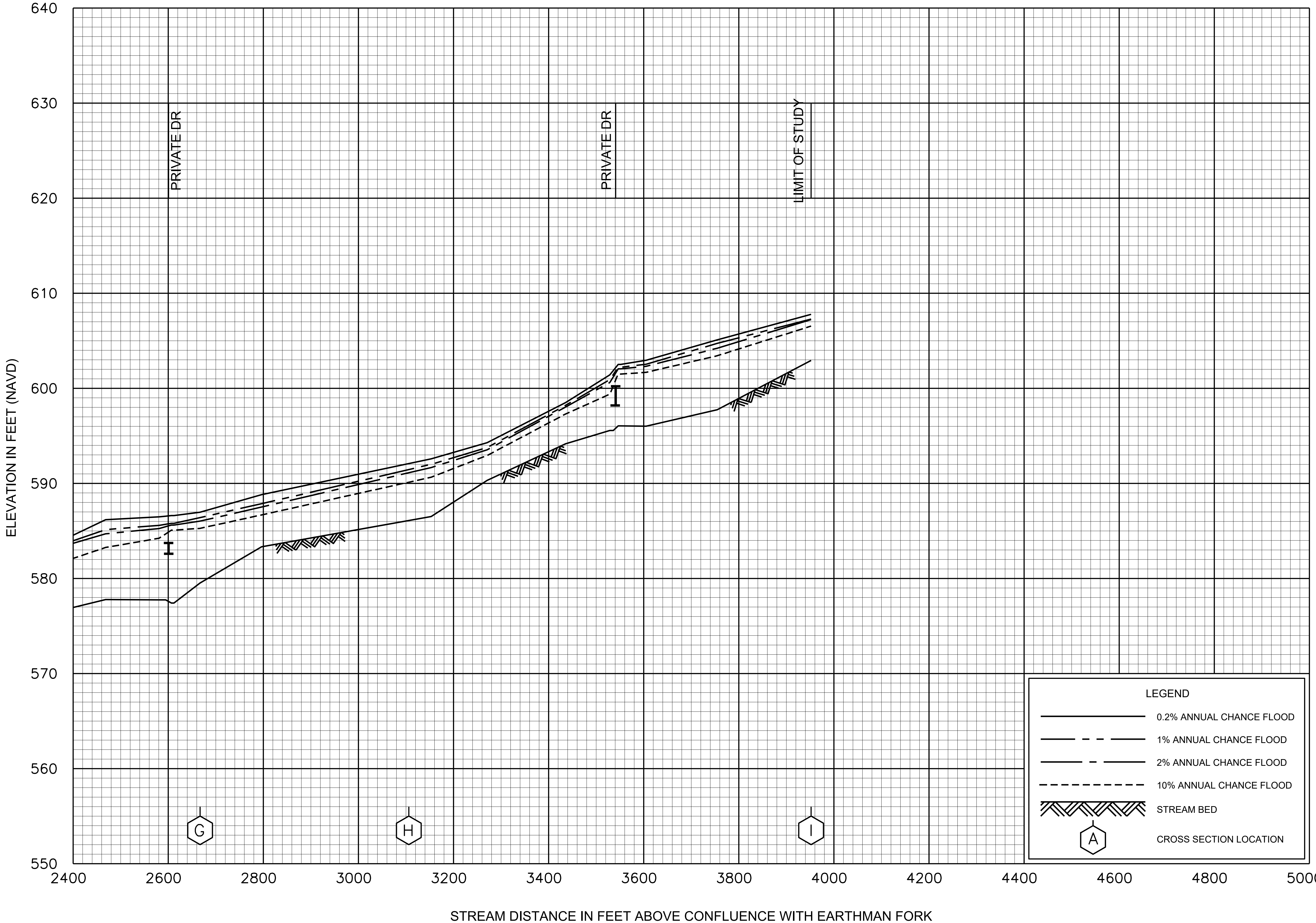
BEAR HOLLOW BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

011P

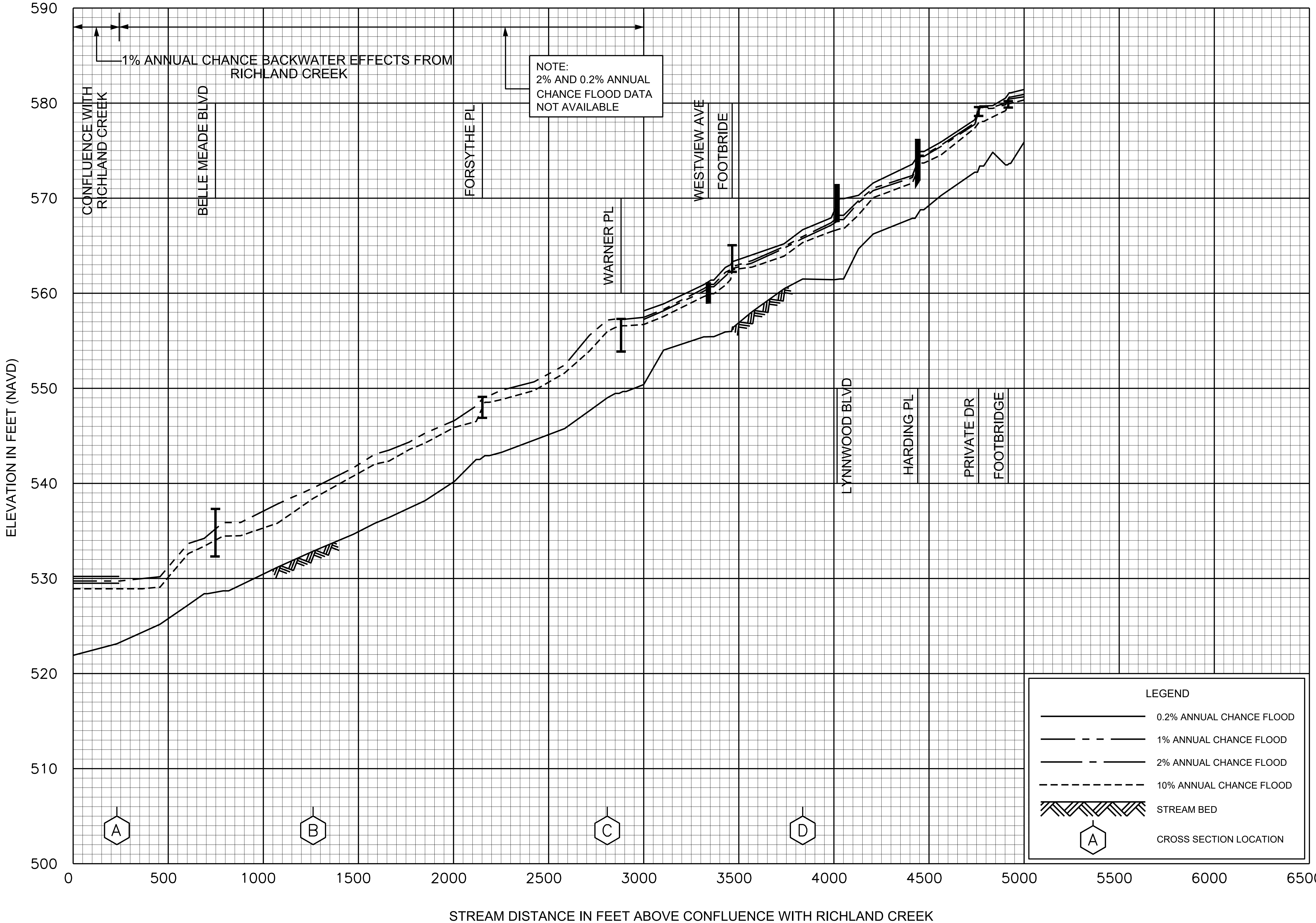


FLOOD PROFILES

BEAR HOLLOW BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

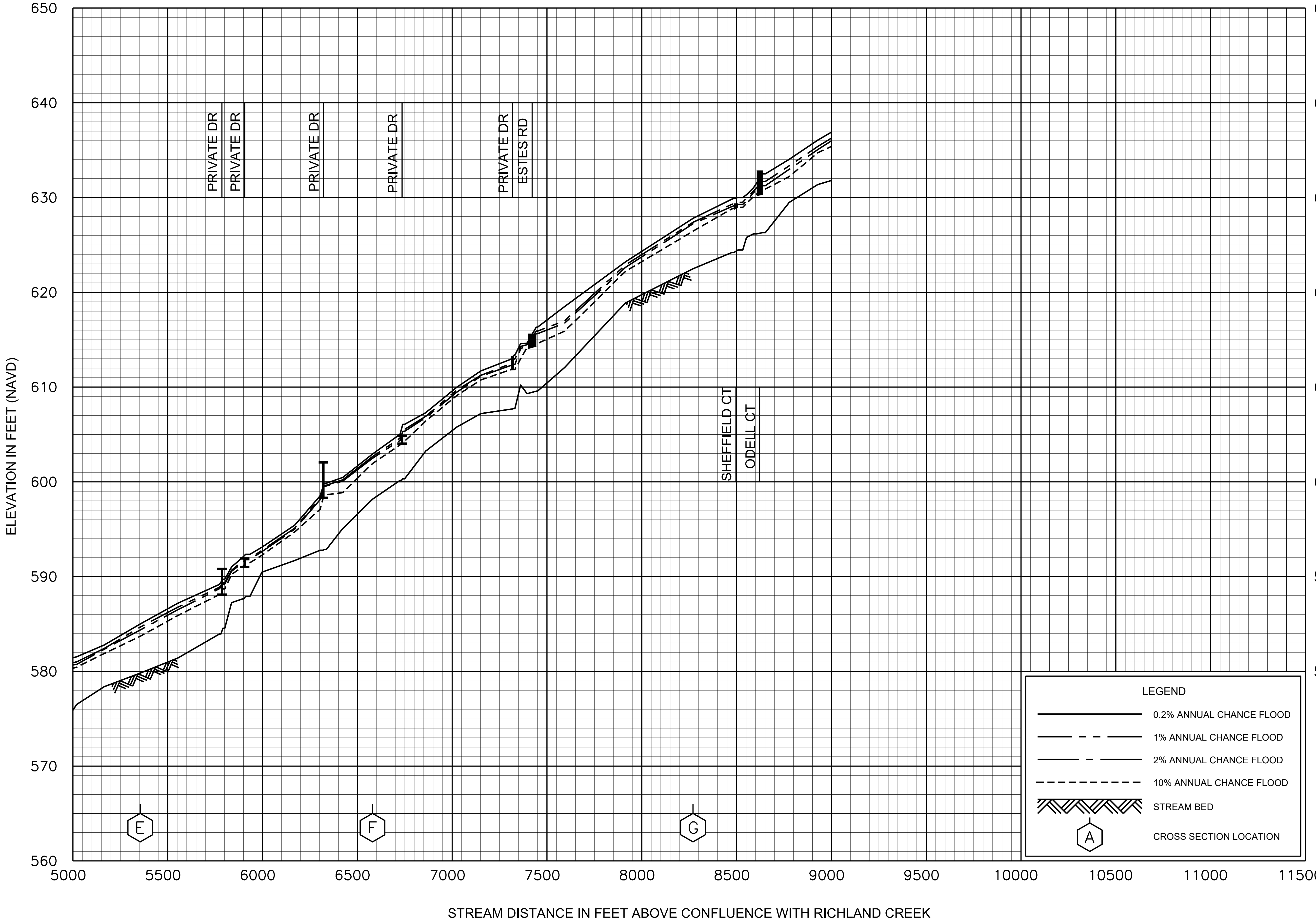


FLOOD PROFILES

BELLE MEADE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

013P

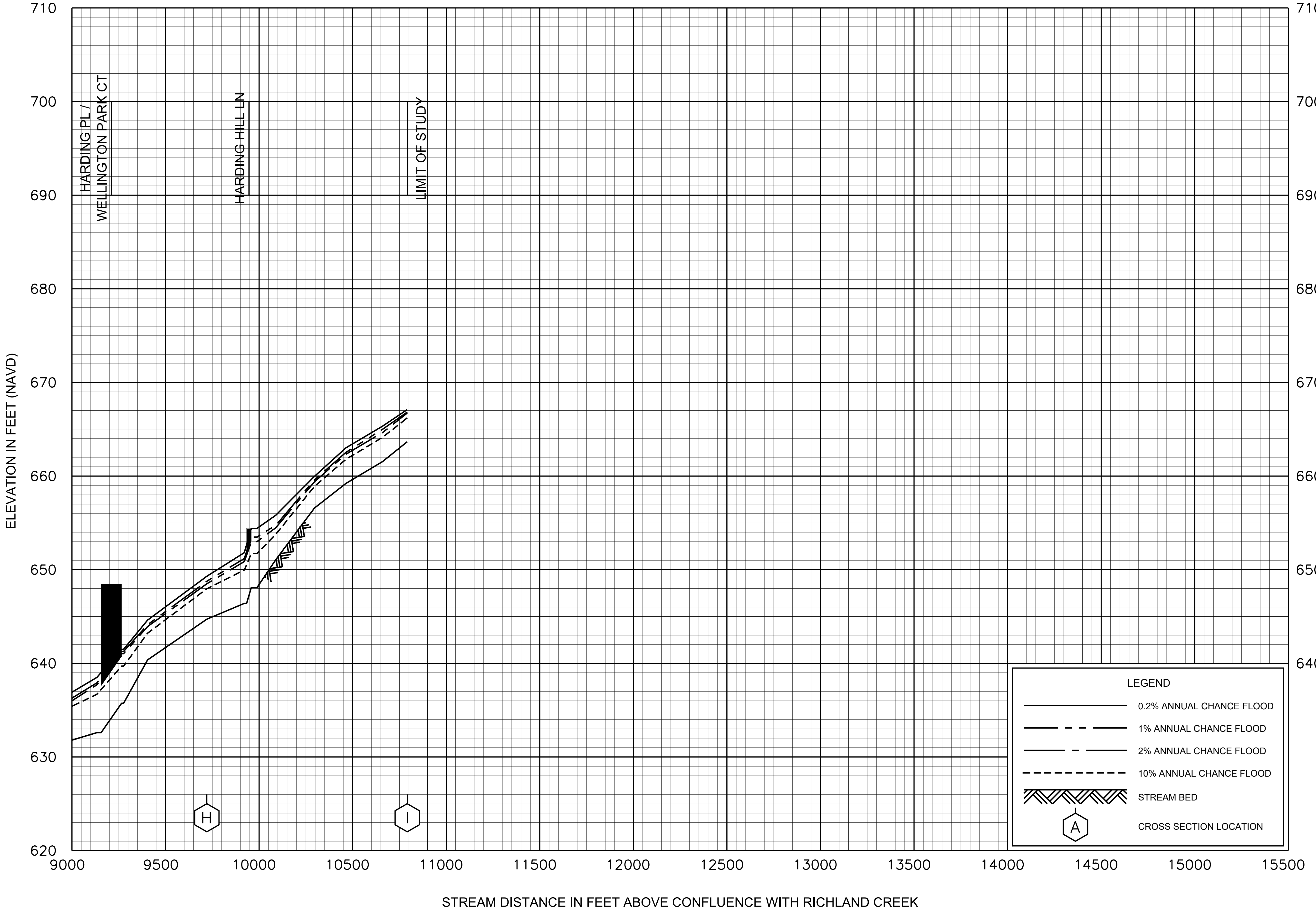


FLOOD PROFILES

BELLE MEADE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

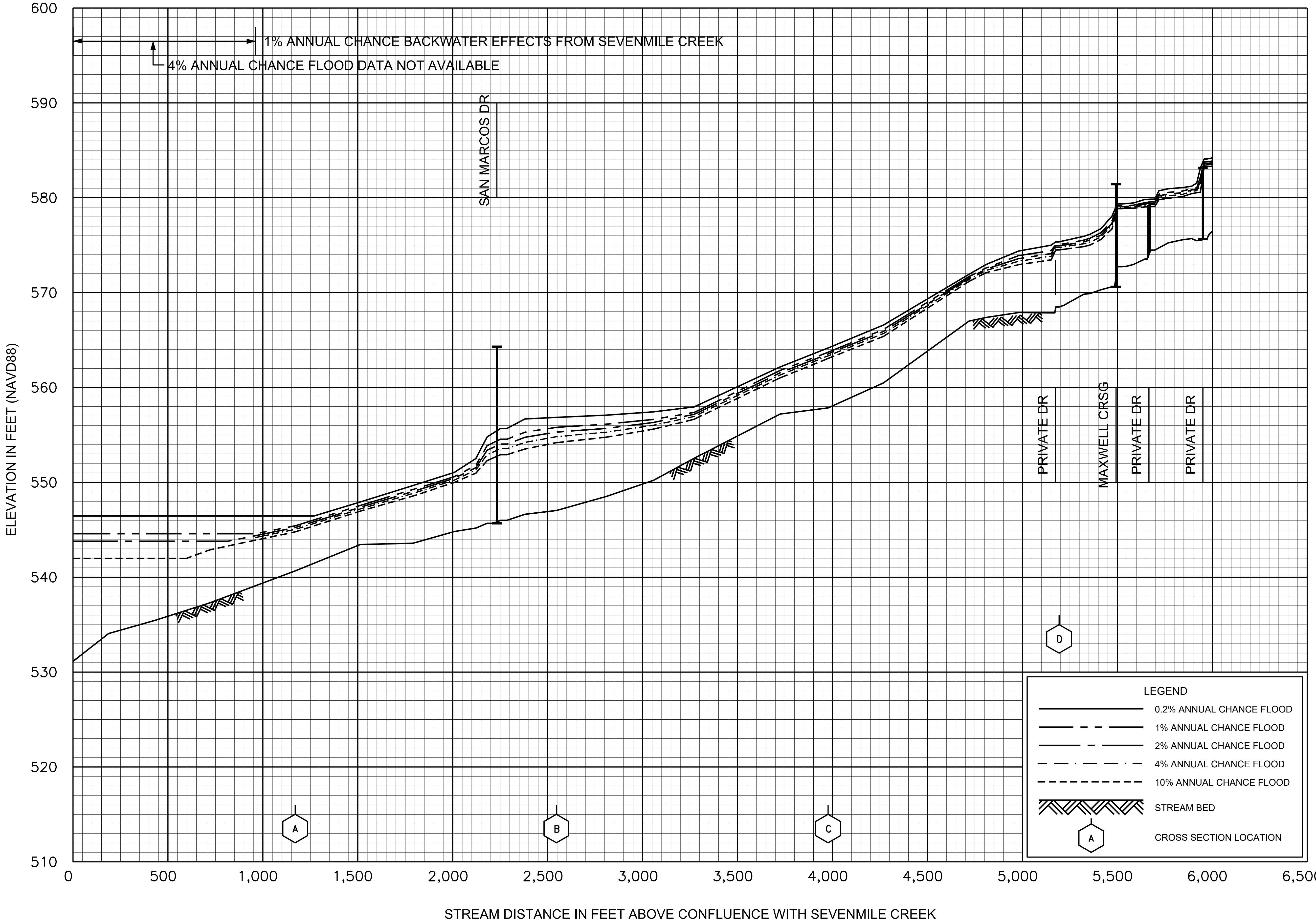
014P



FLOOD PROFILES

BELLE MEADE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

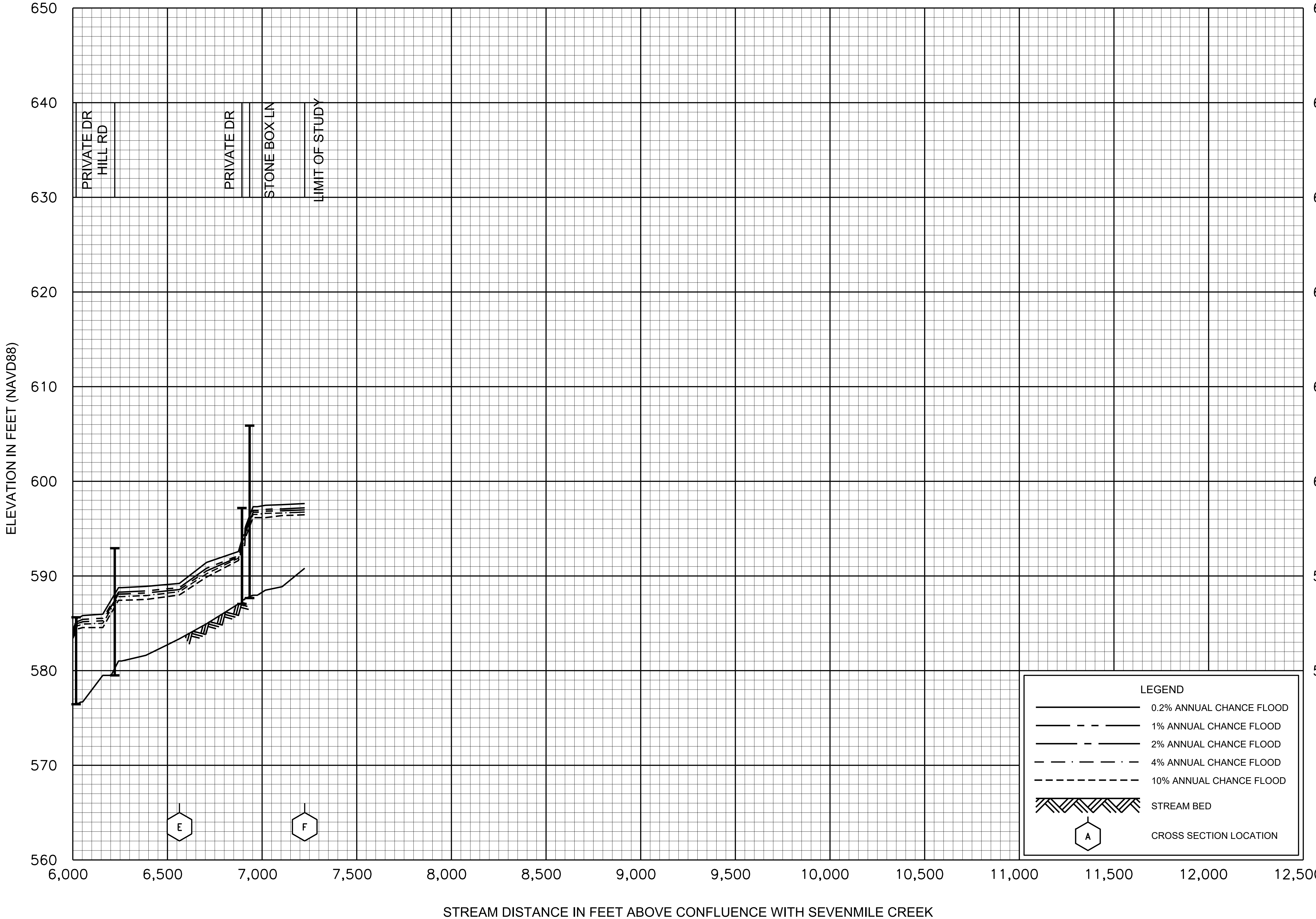


FLOOD PROFILES

BRENTWOOD BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

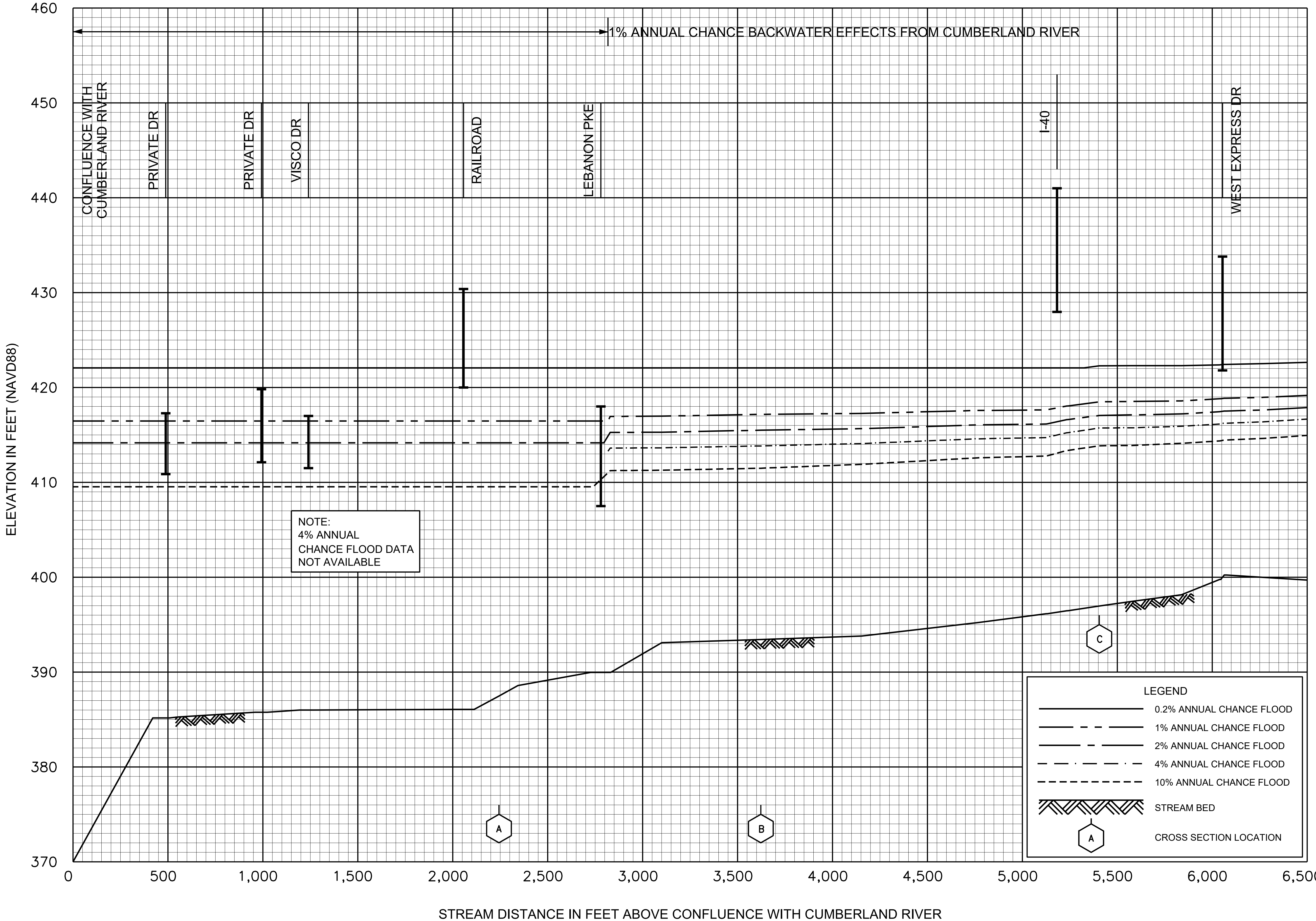
016P



FLOOD PROFILES

BRENTWOOD BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

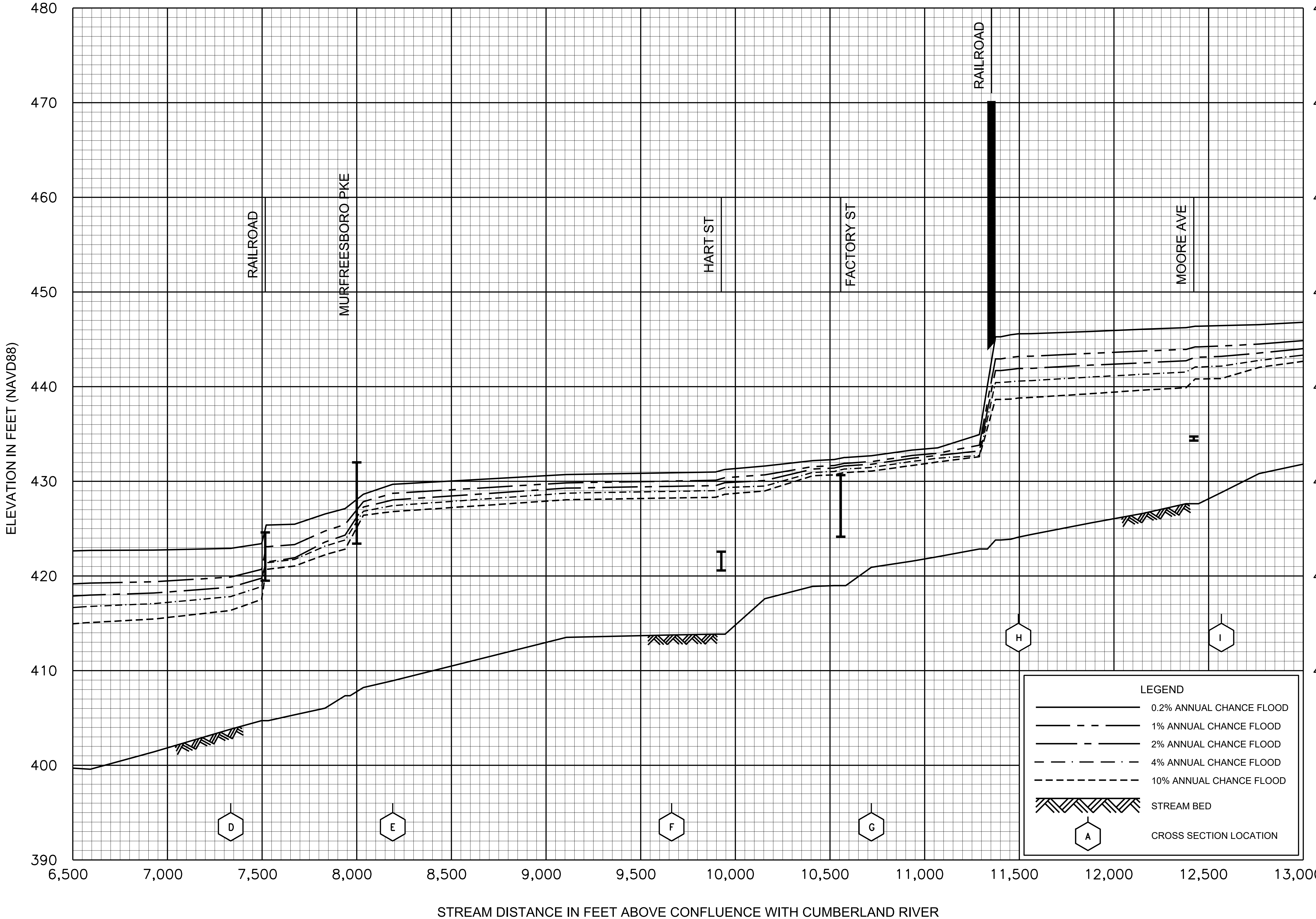


FLOOD PROFILES

BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

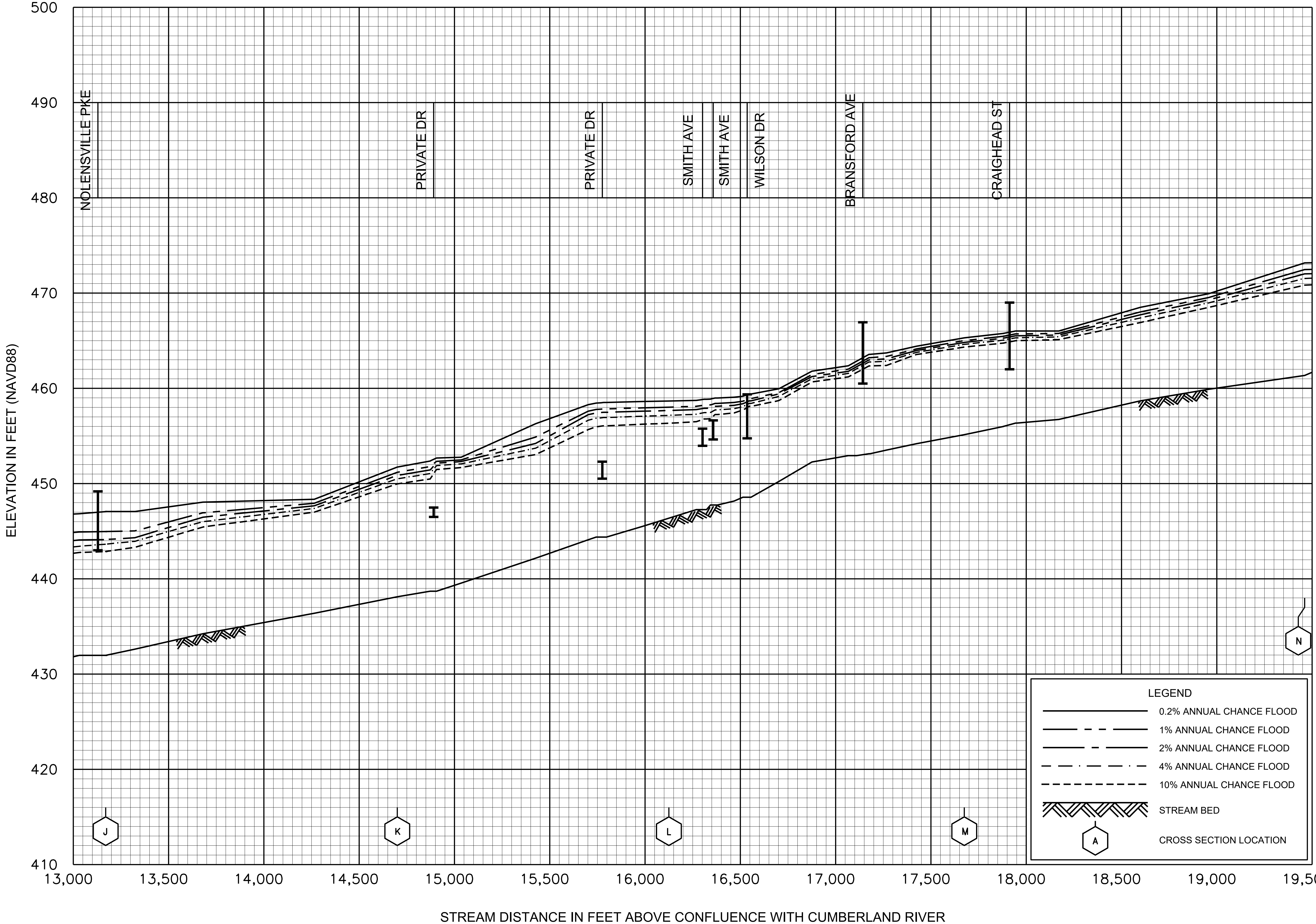


FLOOD PROFILES

BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

019P



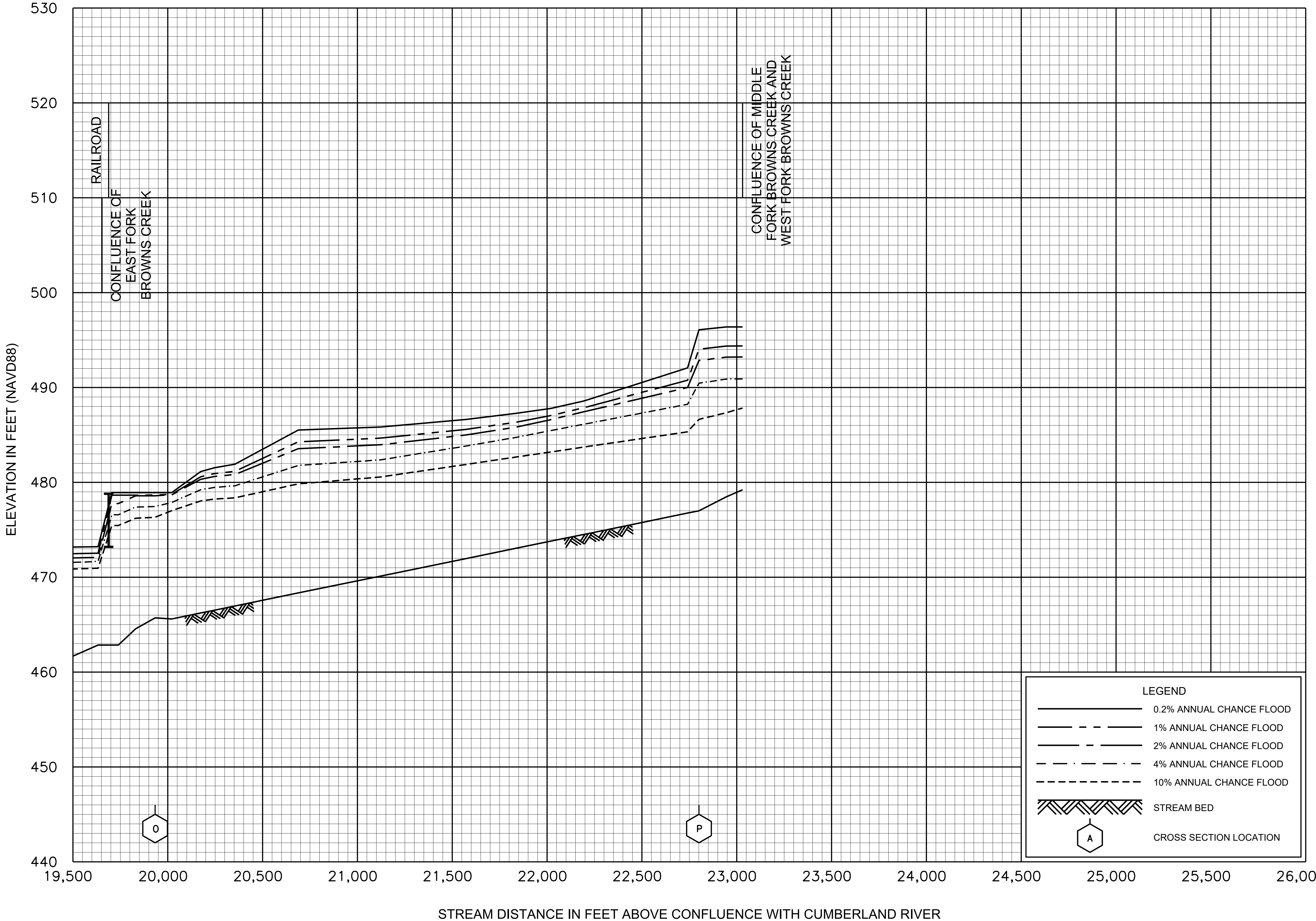
FLOOD PROFILES

BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

020P

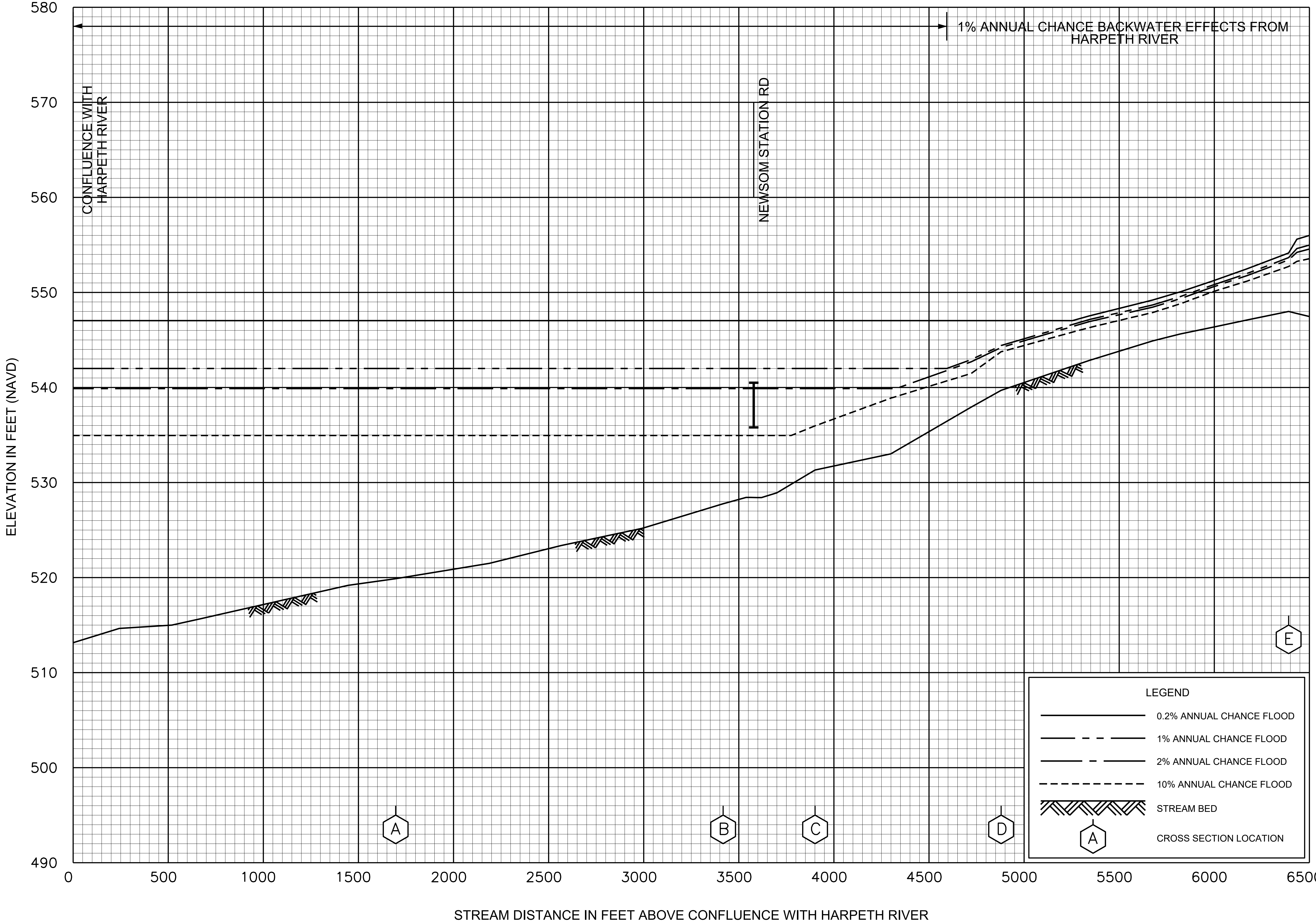


FLOOD PROFILES

BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

021P



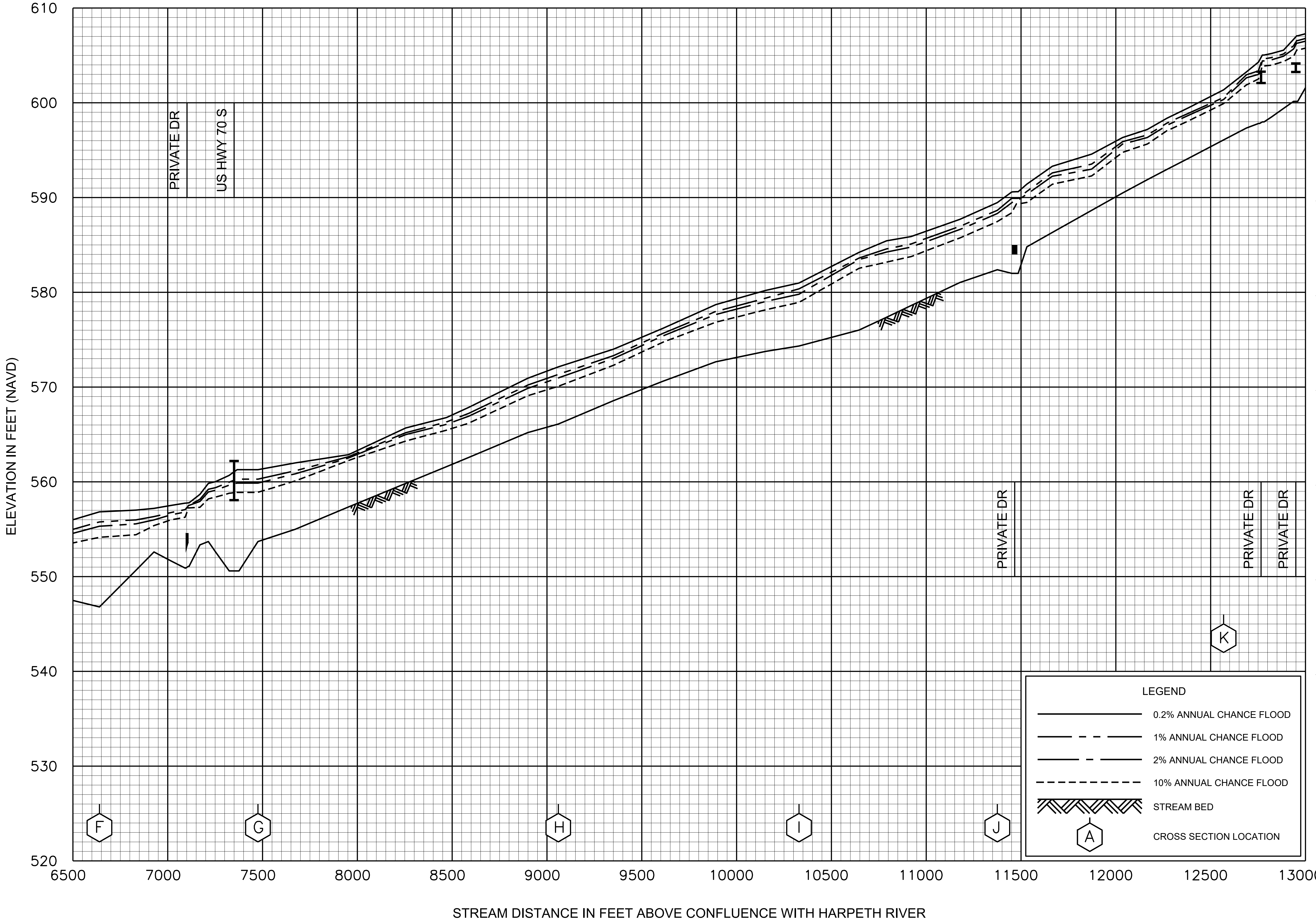
FLOOD PROFILES

BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

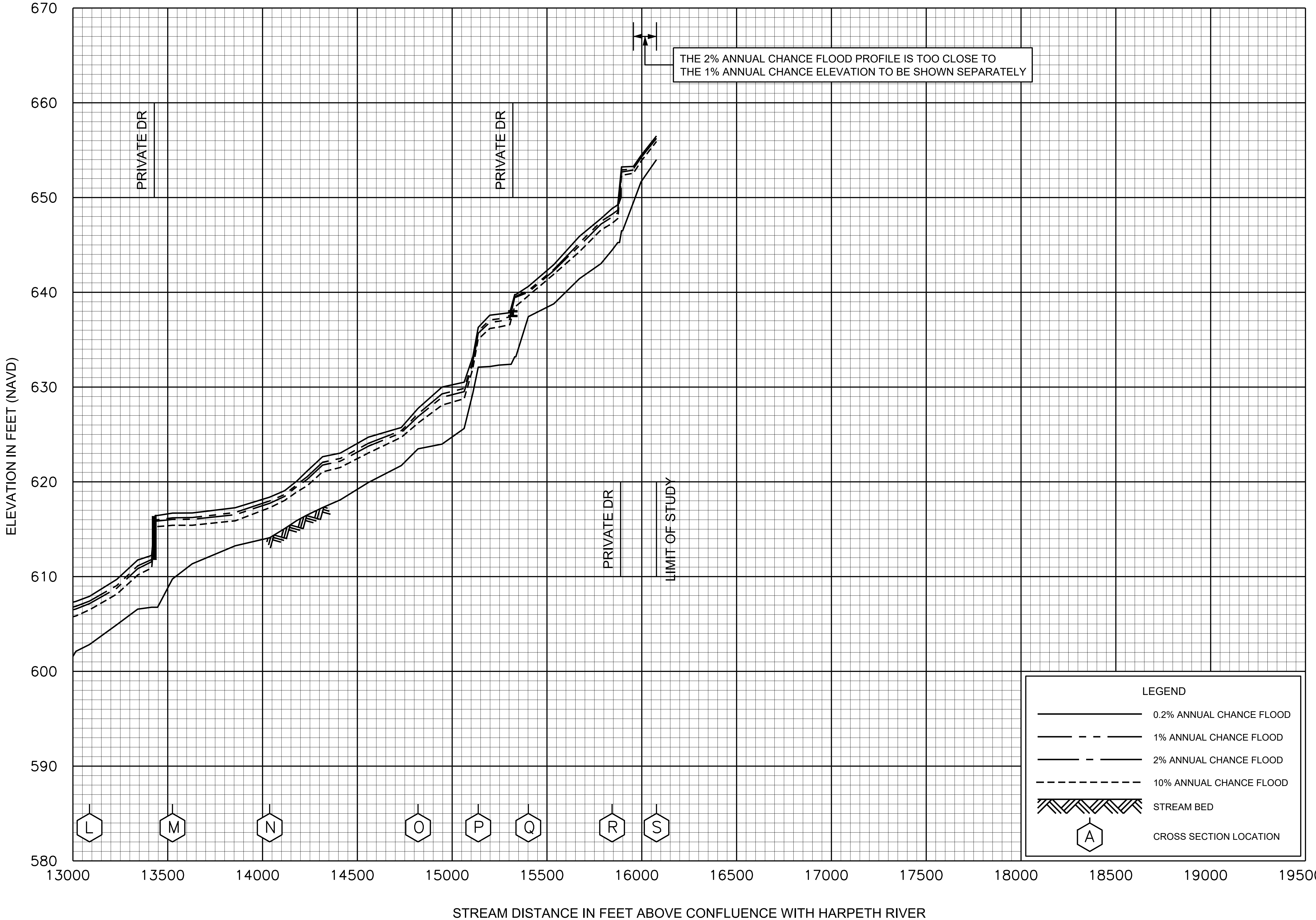


FLOOD PROFILES

BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



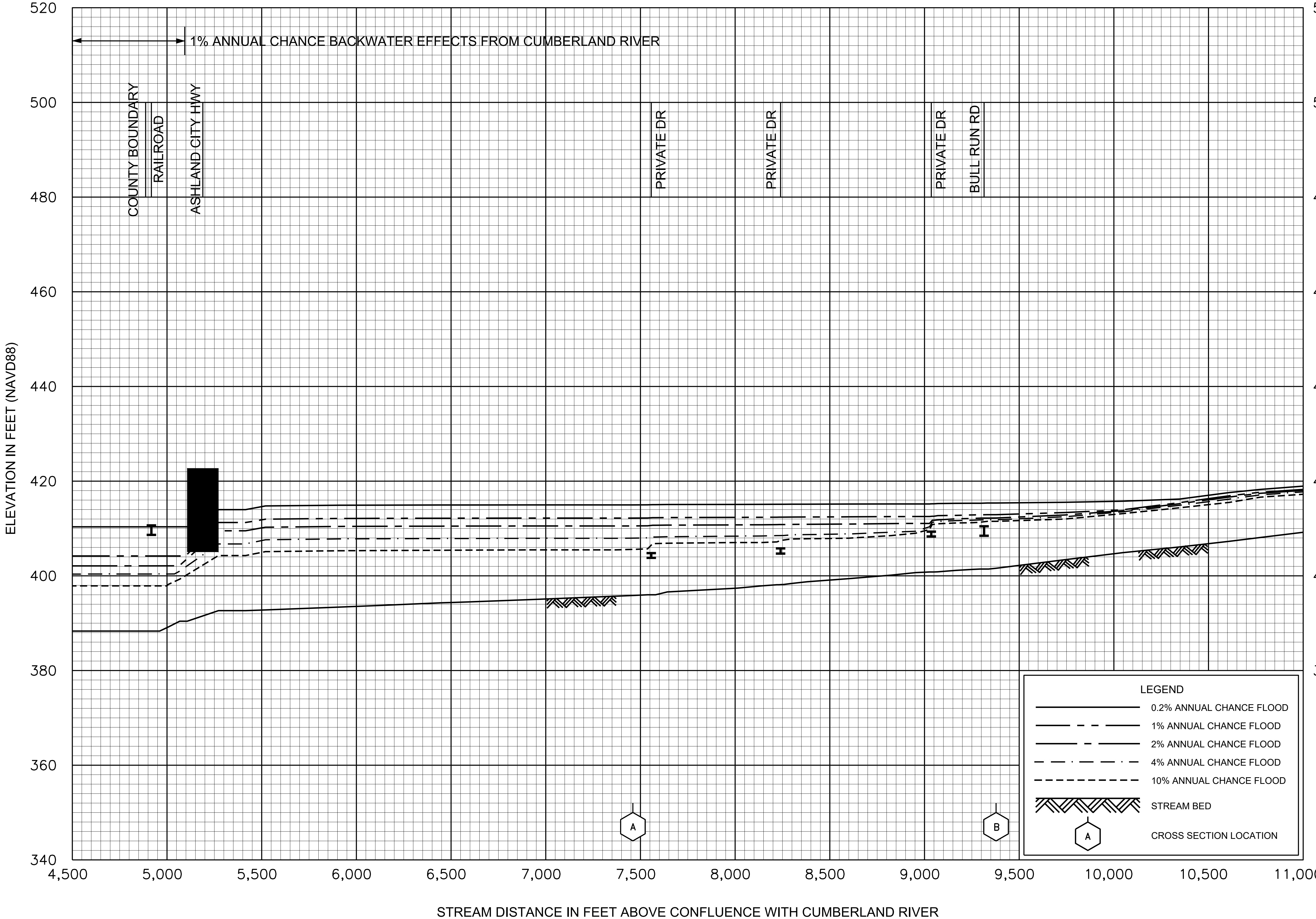
FLOOD PROFILES

BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

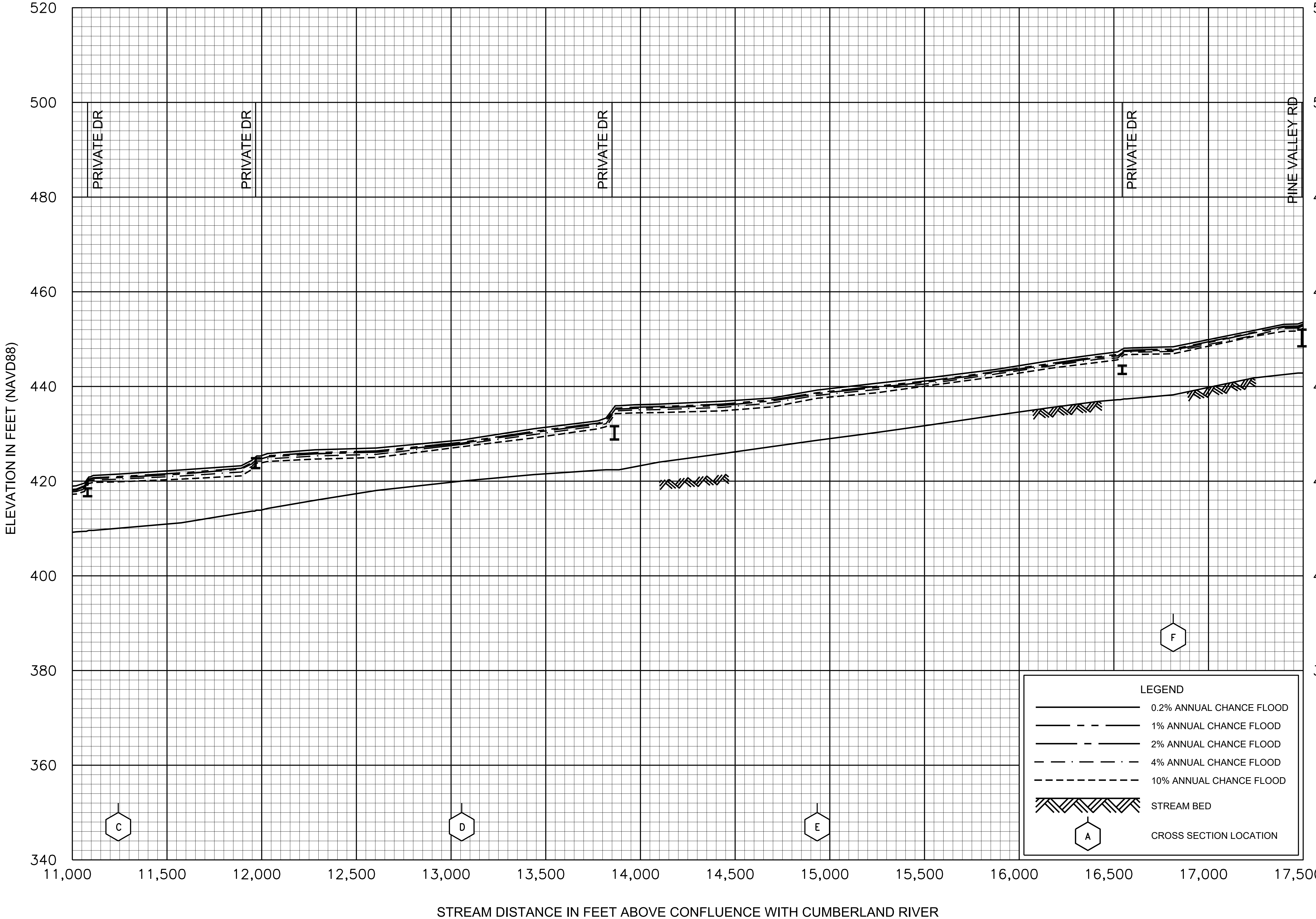
023P



FLOOD PROFILES

BULL RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

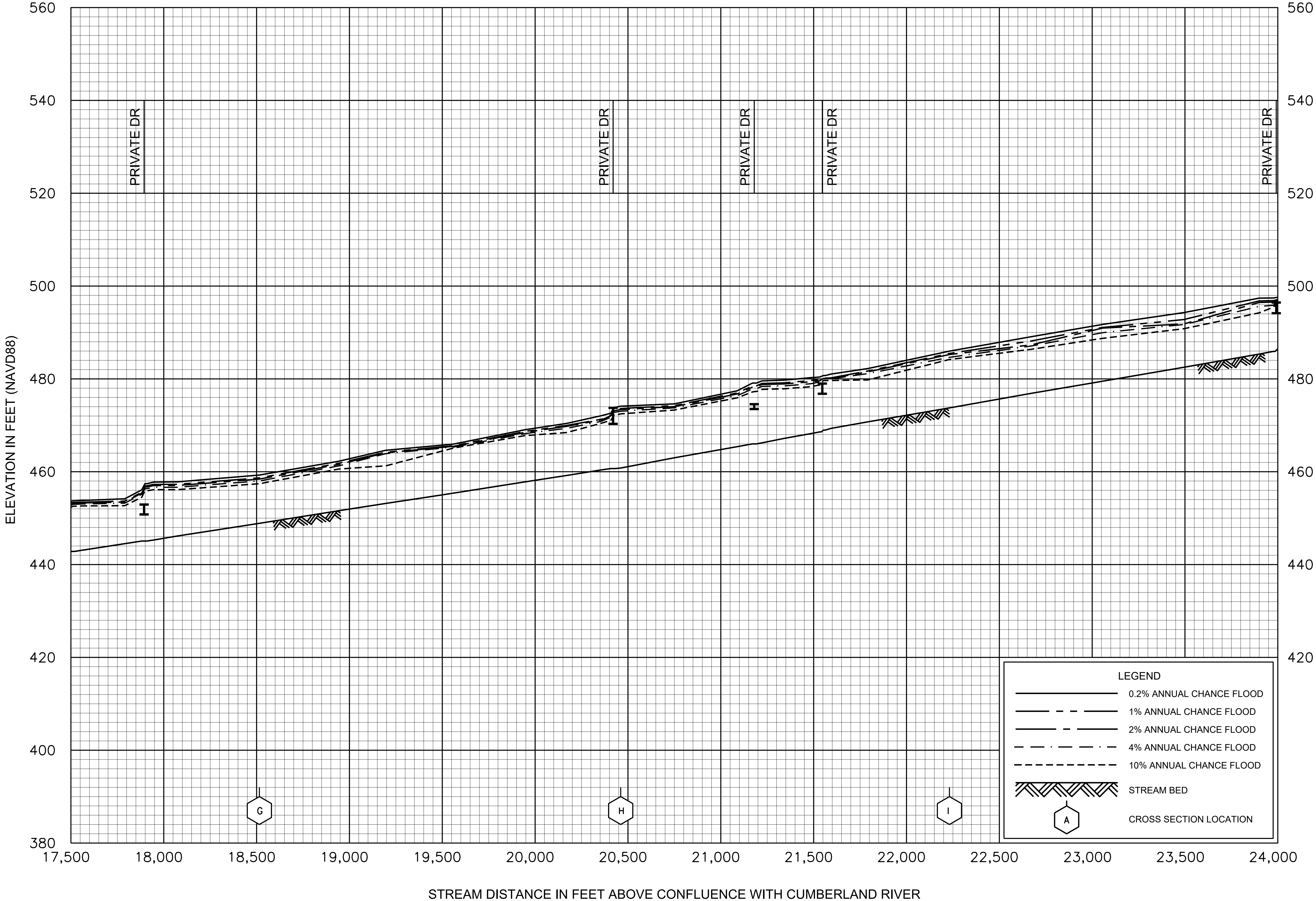


FLOOD PROFILES

BULL RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

025P



FLOOD PROFILES

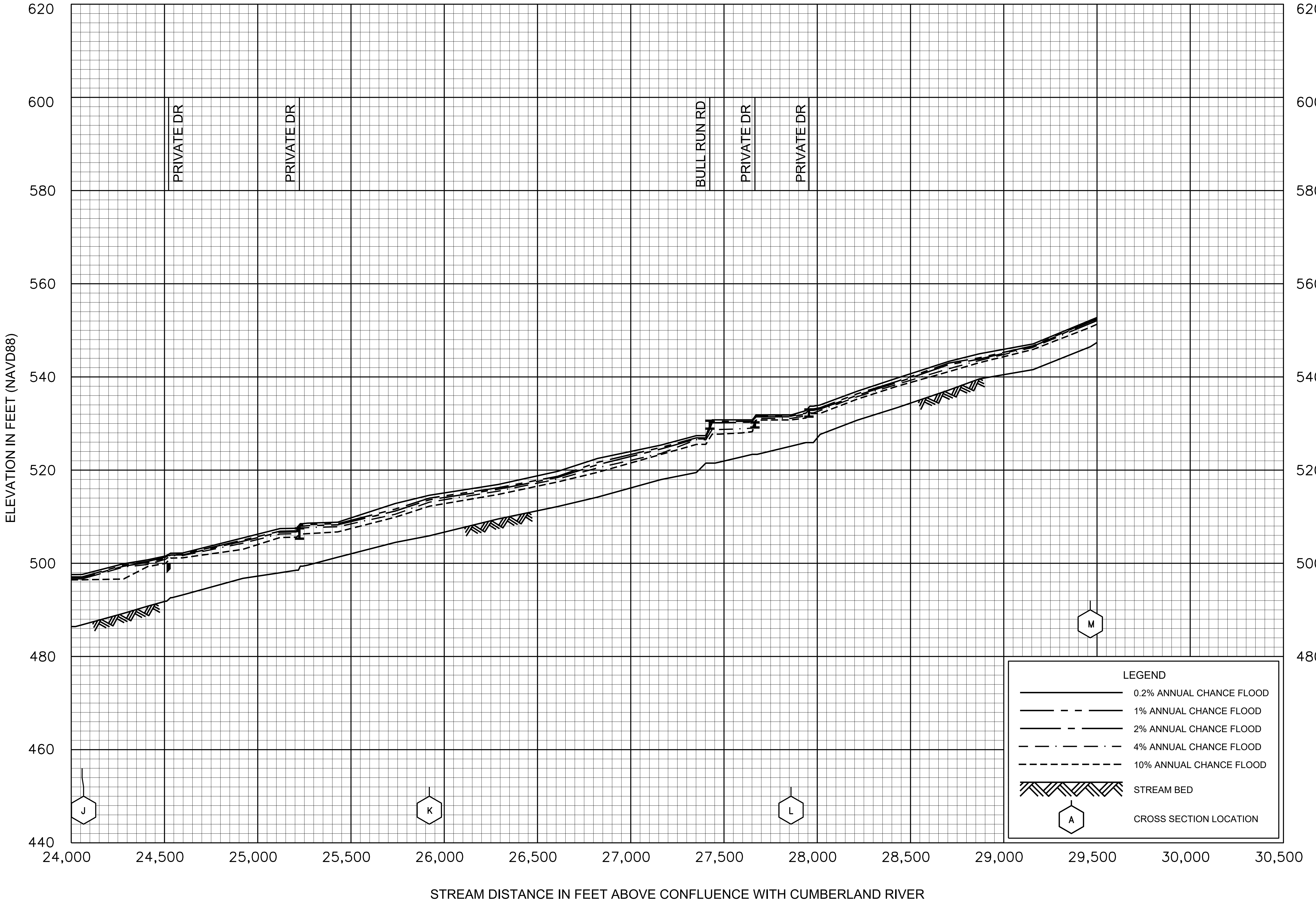
BULL RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

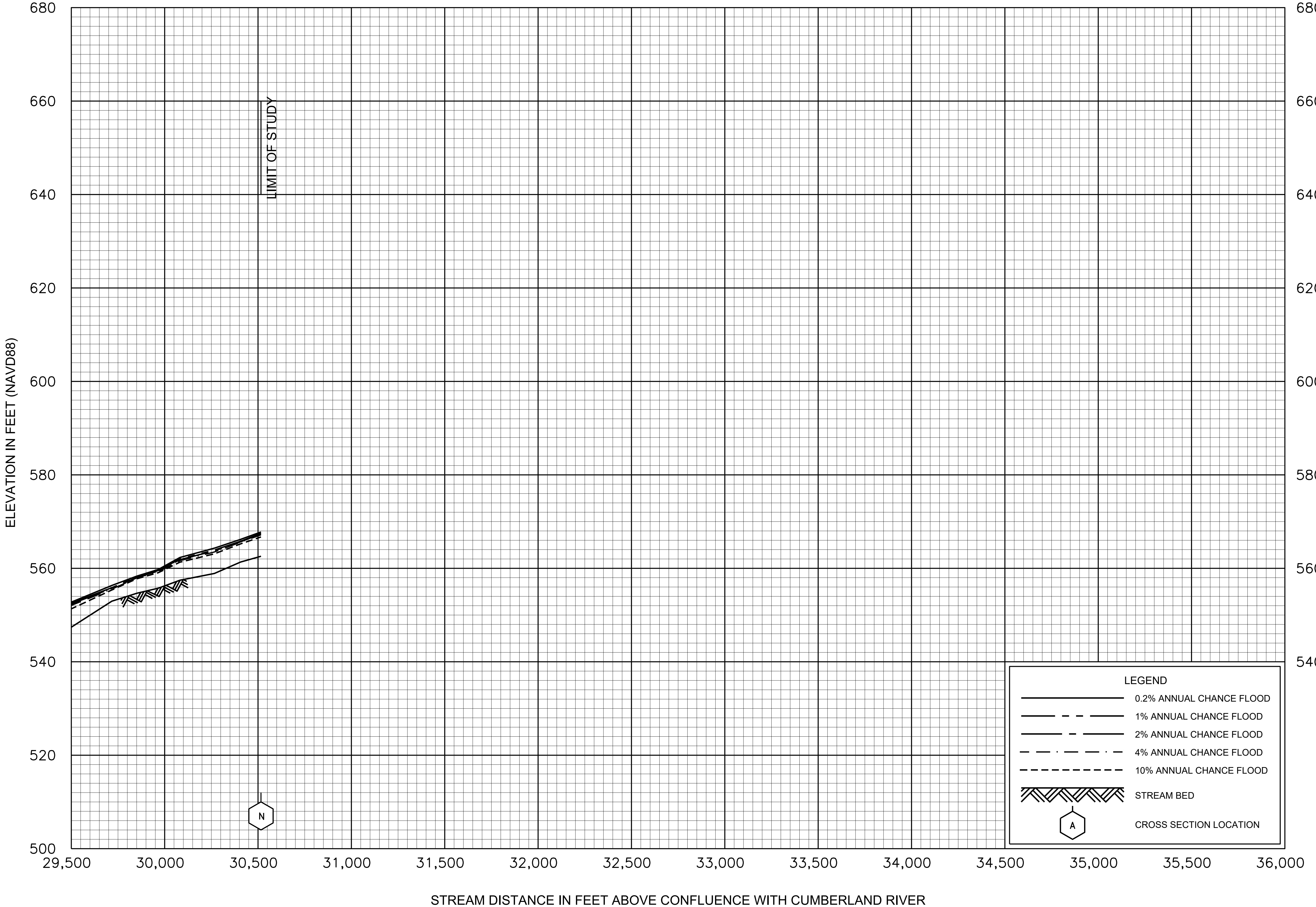
026P



FLOOD PROFILES

BULL RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



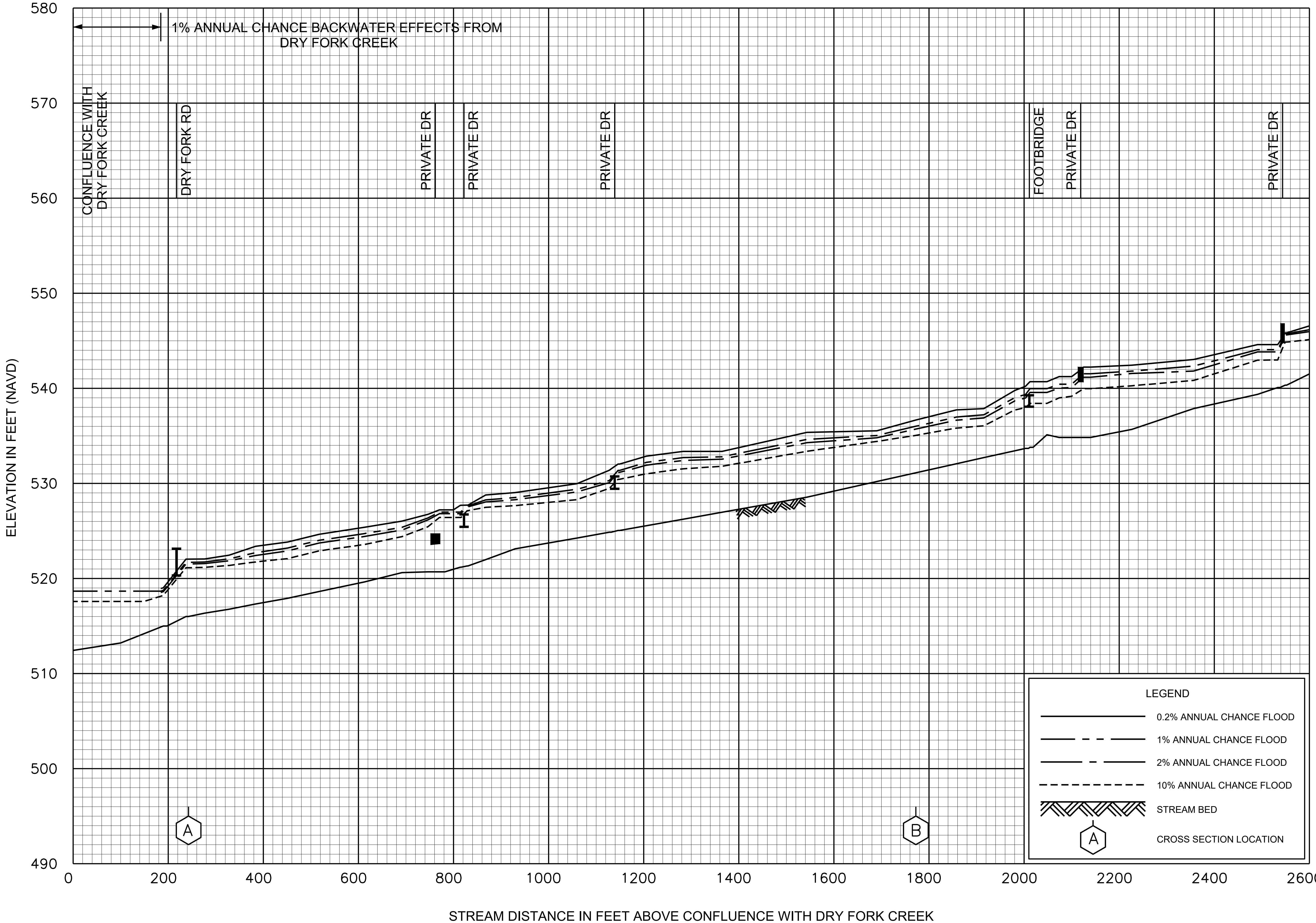
FLOOD PROFILES

BULL RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

028P



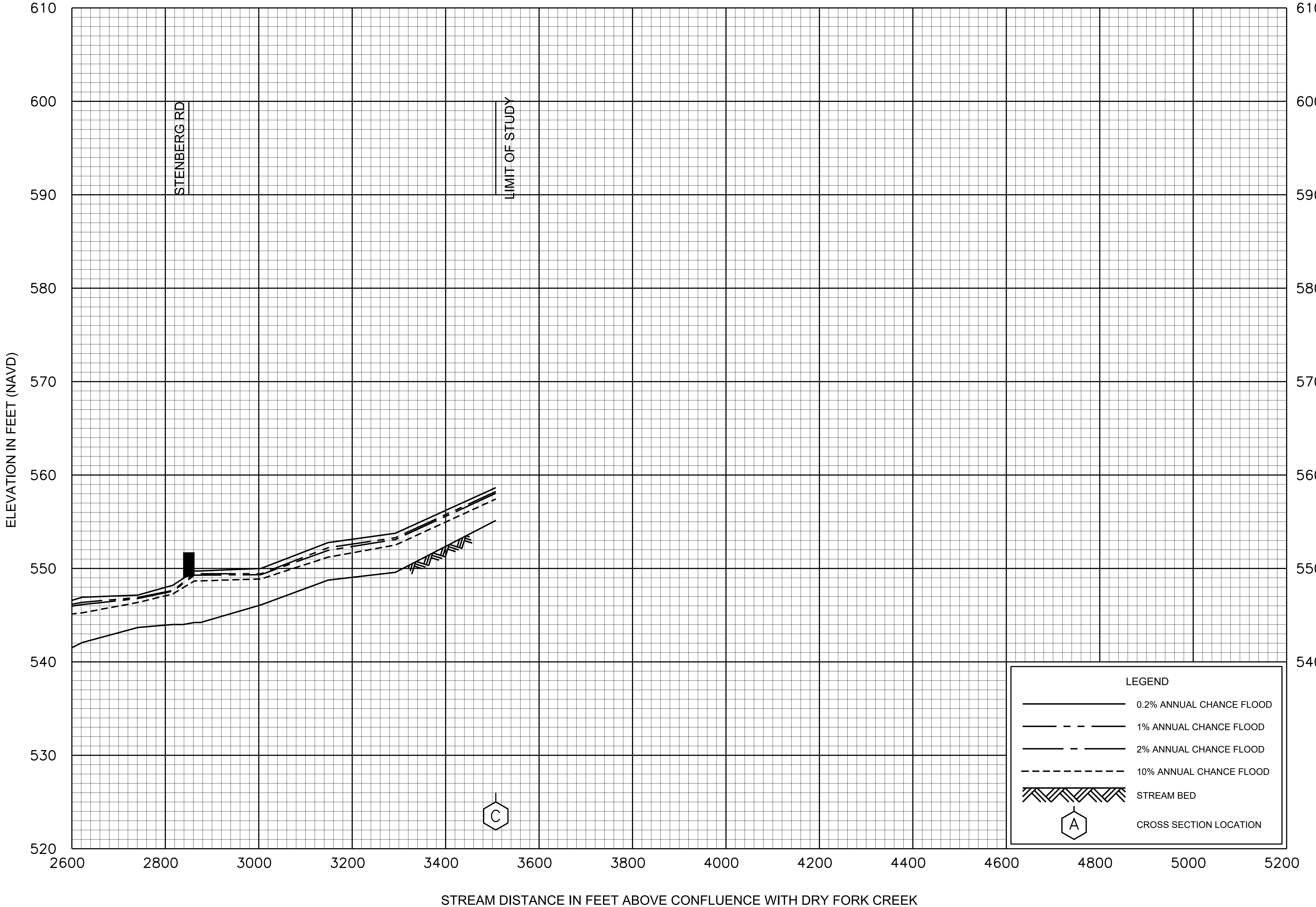
FLOOD PROFILES

CARNEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

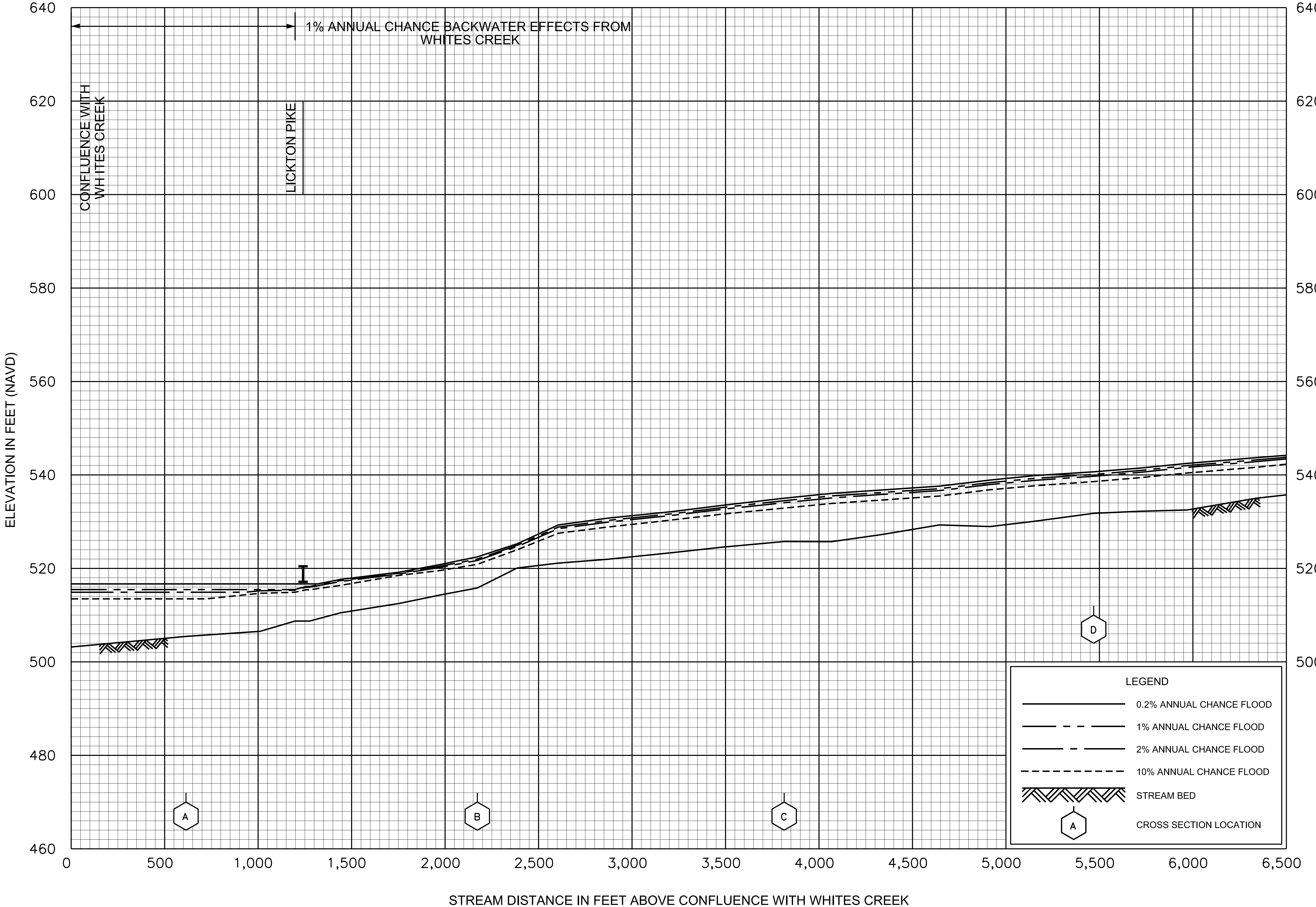
029P



FLOOD PROFILES

CARNEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

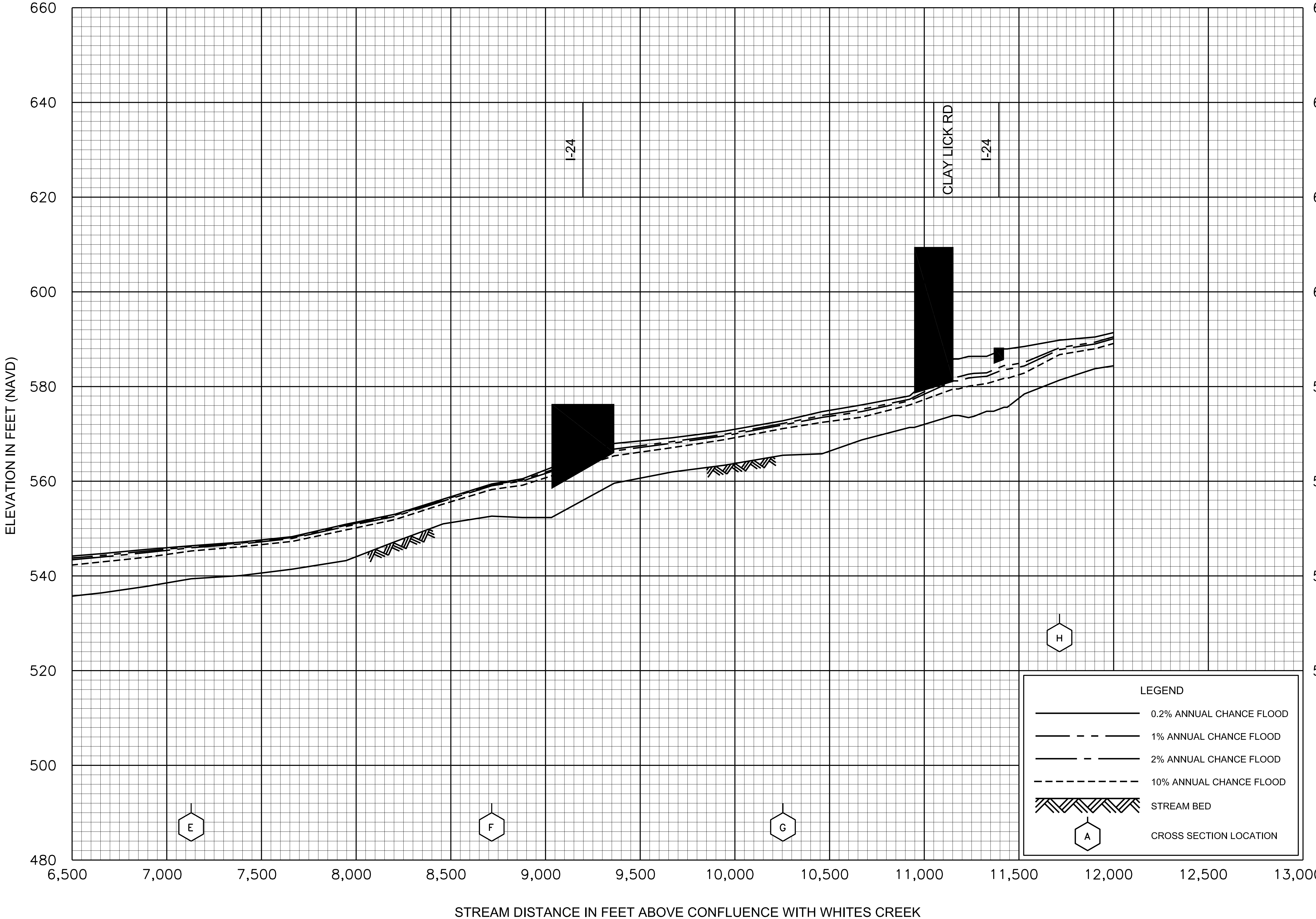


FLOOD PROFILES

CLAYLICK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

031P



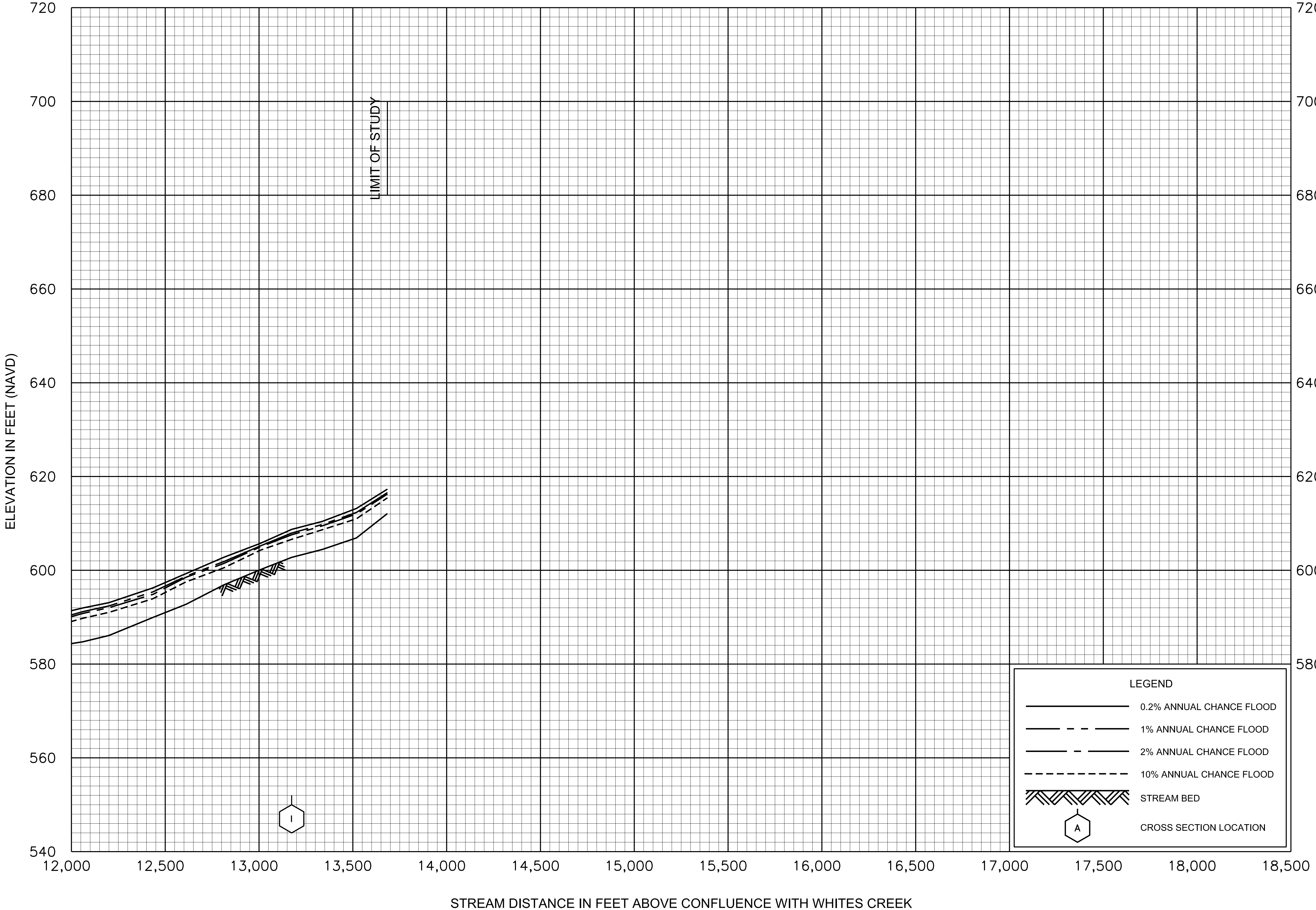
FLOOD PROFILES

CLAYLICK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



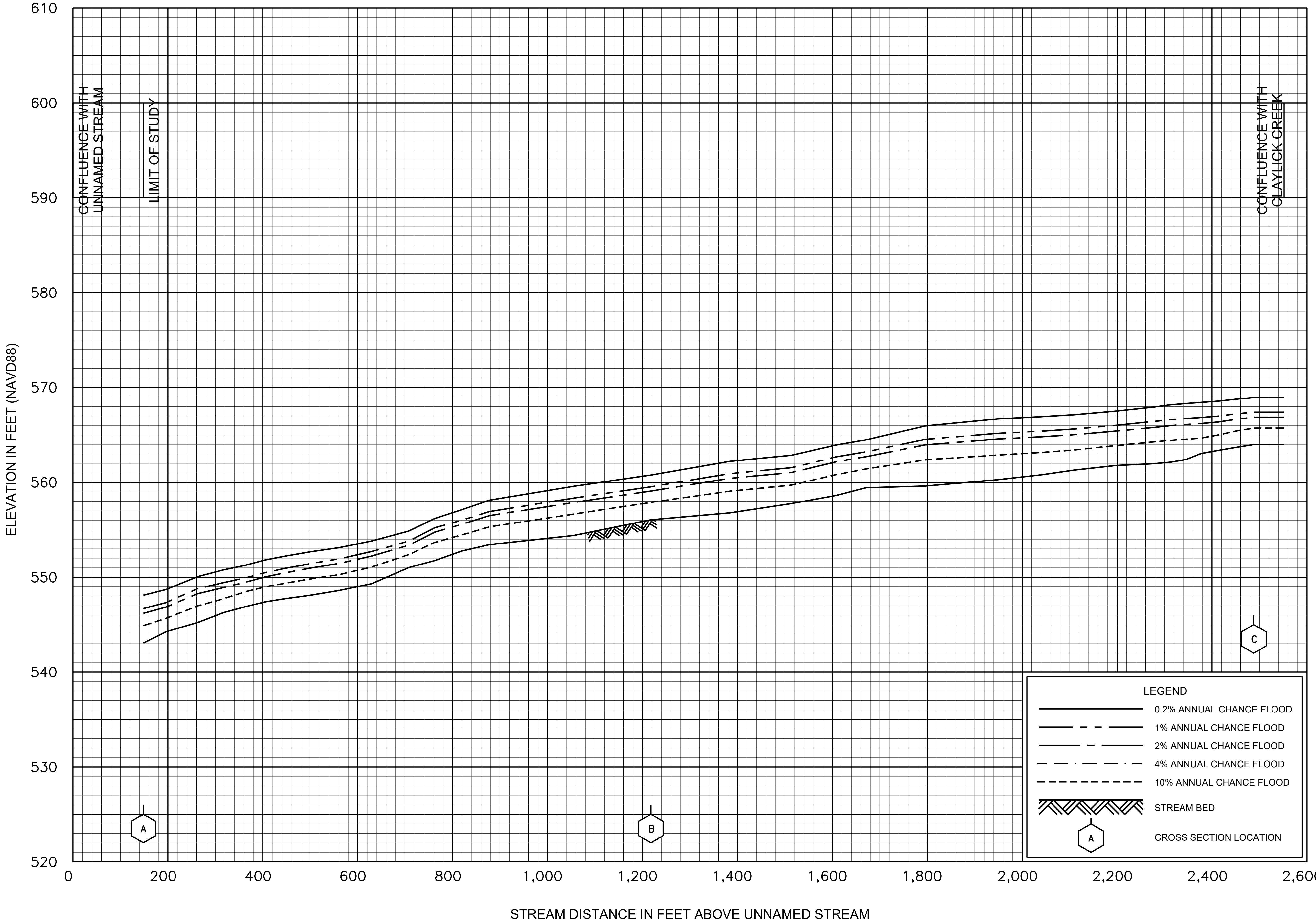
FLOOD PROFILES

CLAYLICK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

033P

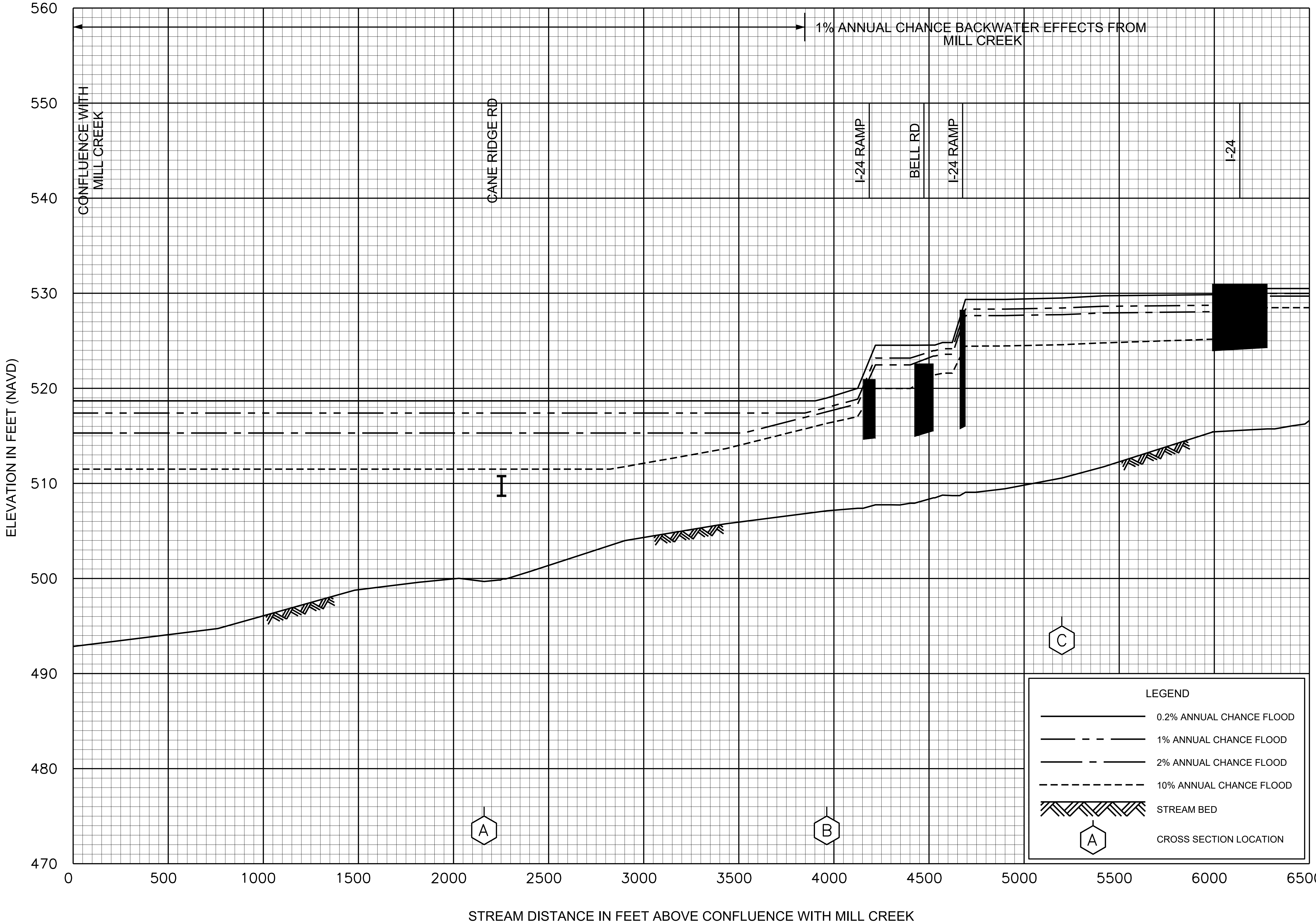


FLOOD PROFILES

CLAYLICK CREEK OVERFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

034P

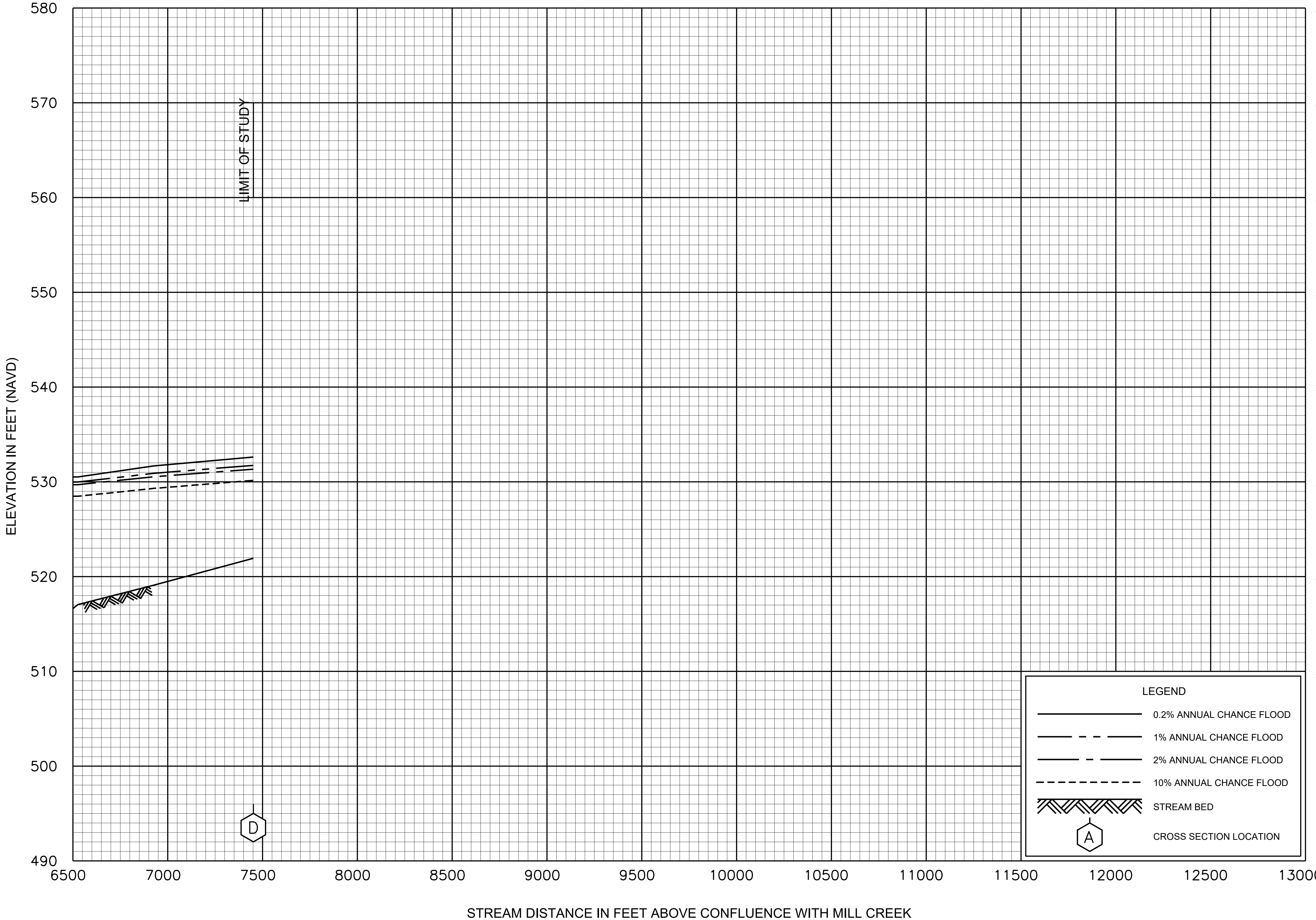


FLOOD PROFILES

COLLINS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

035P



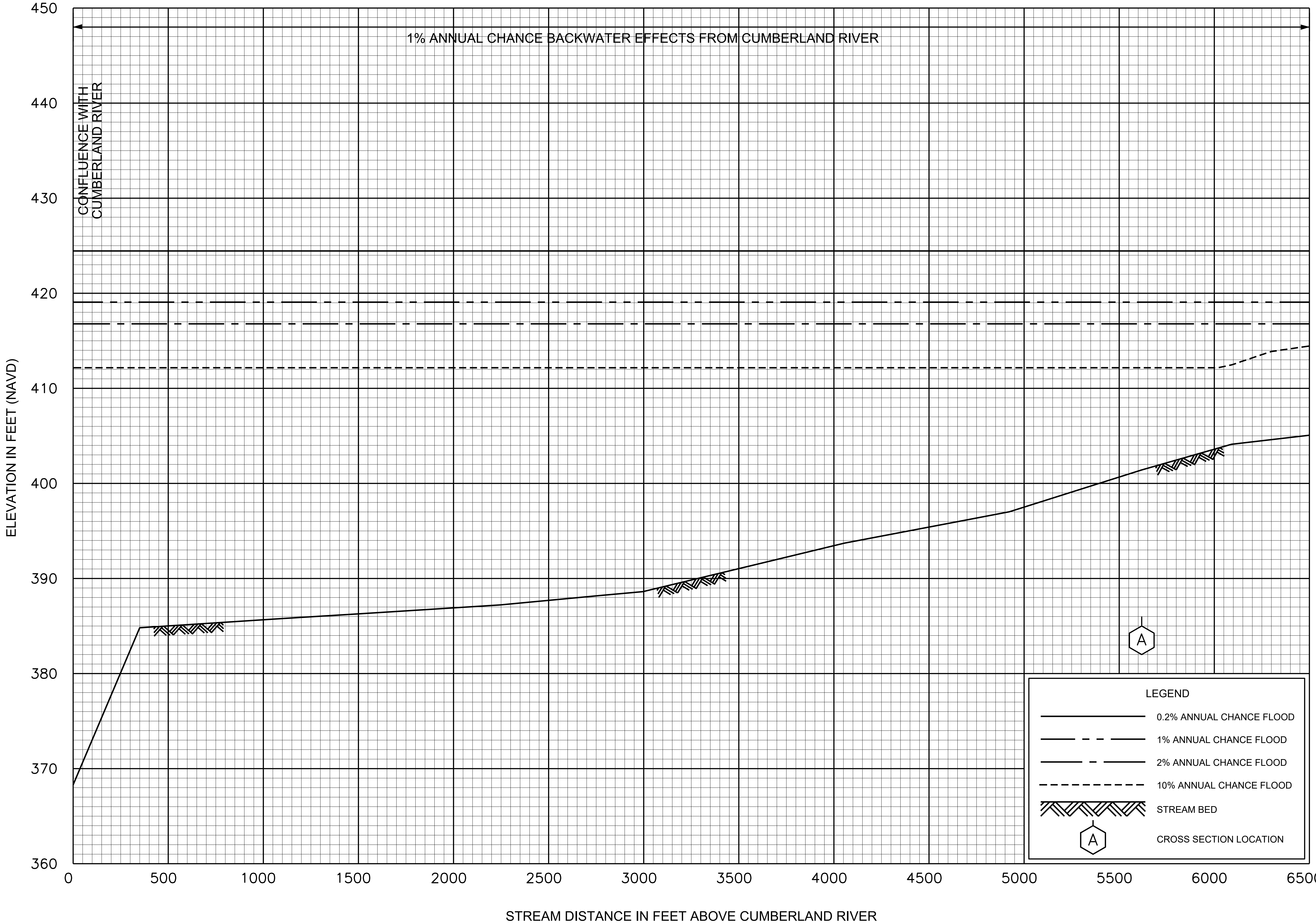
FLOOD PROFILES

COLLINS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

036P



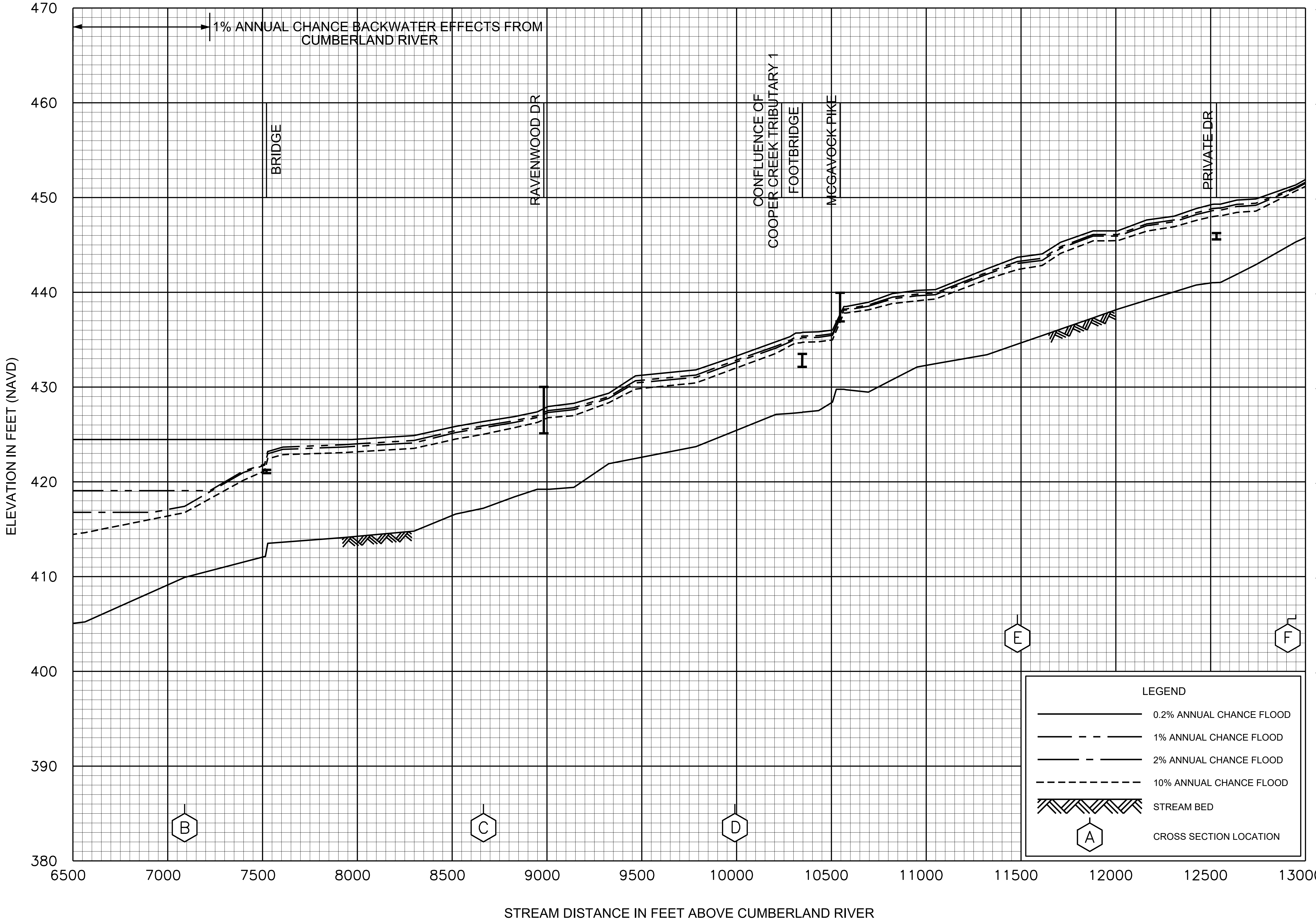
FLOOD PROFILES

COOPER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

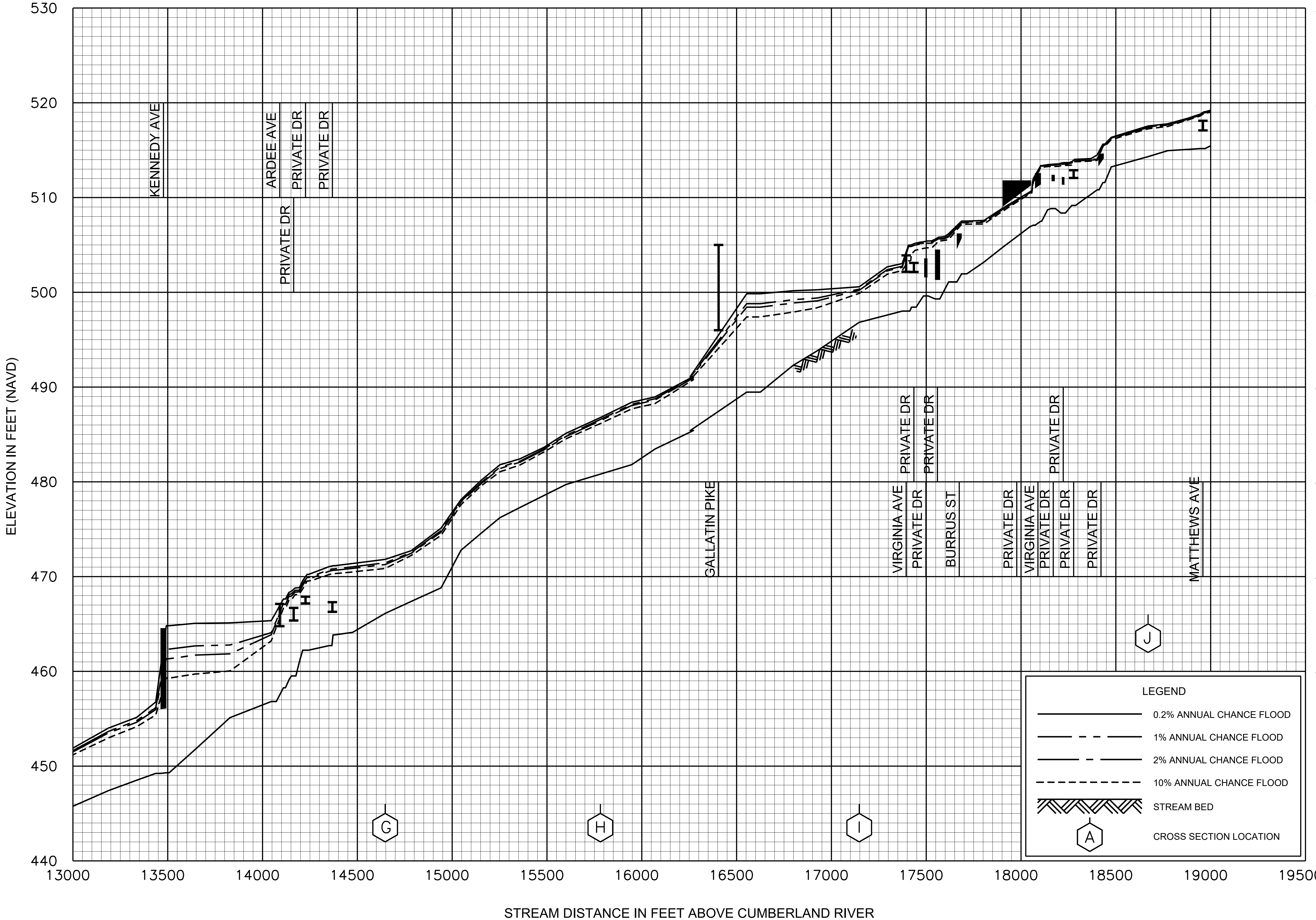
037P



FLOOD PROFILES

COOPER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

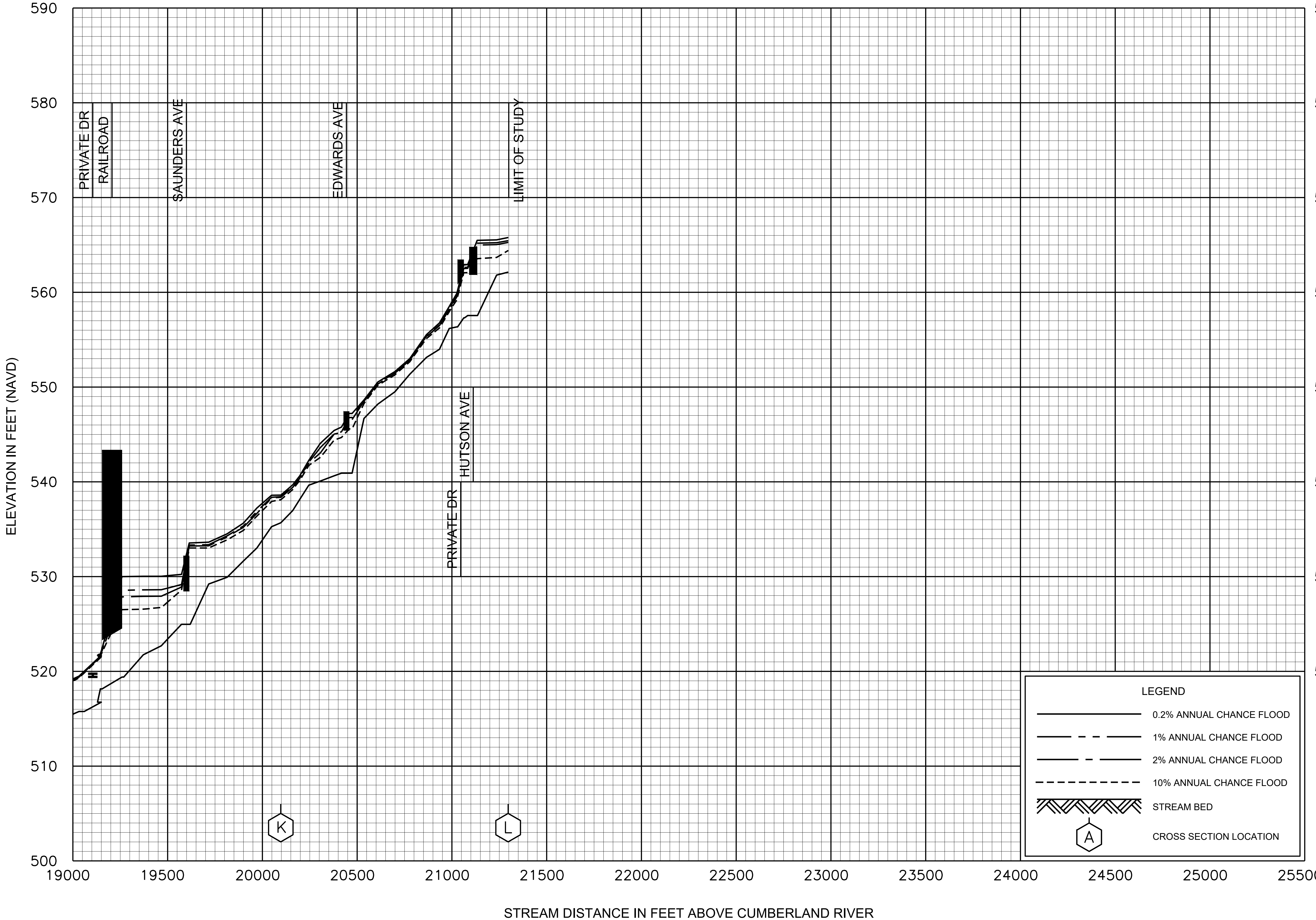


FLOOD PROFILES

COOPER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

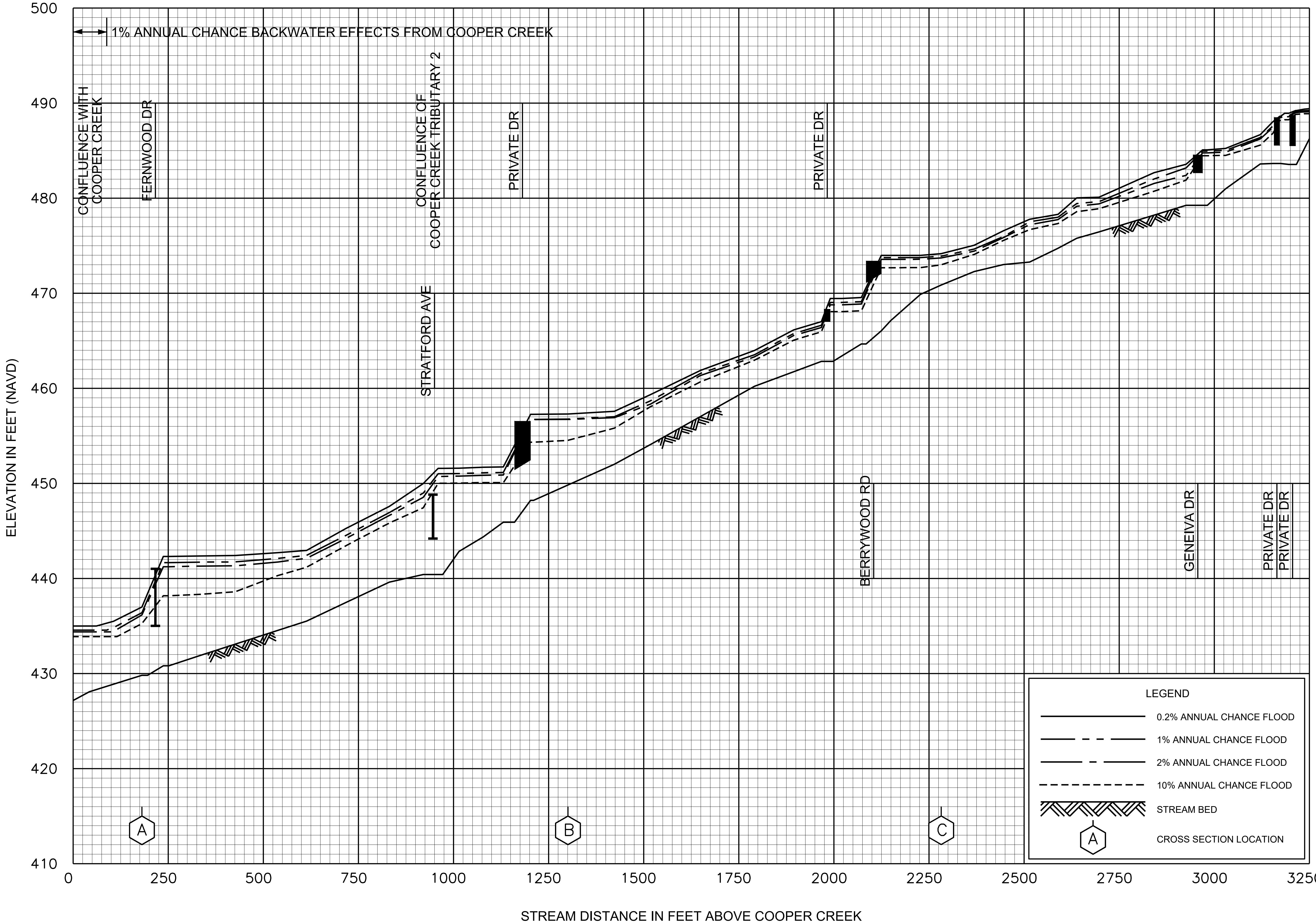
039P



FLOOD PROFILES

COOPER CREEK

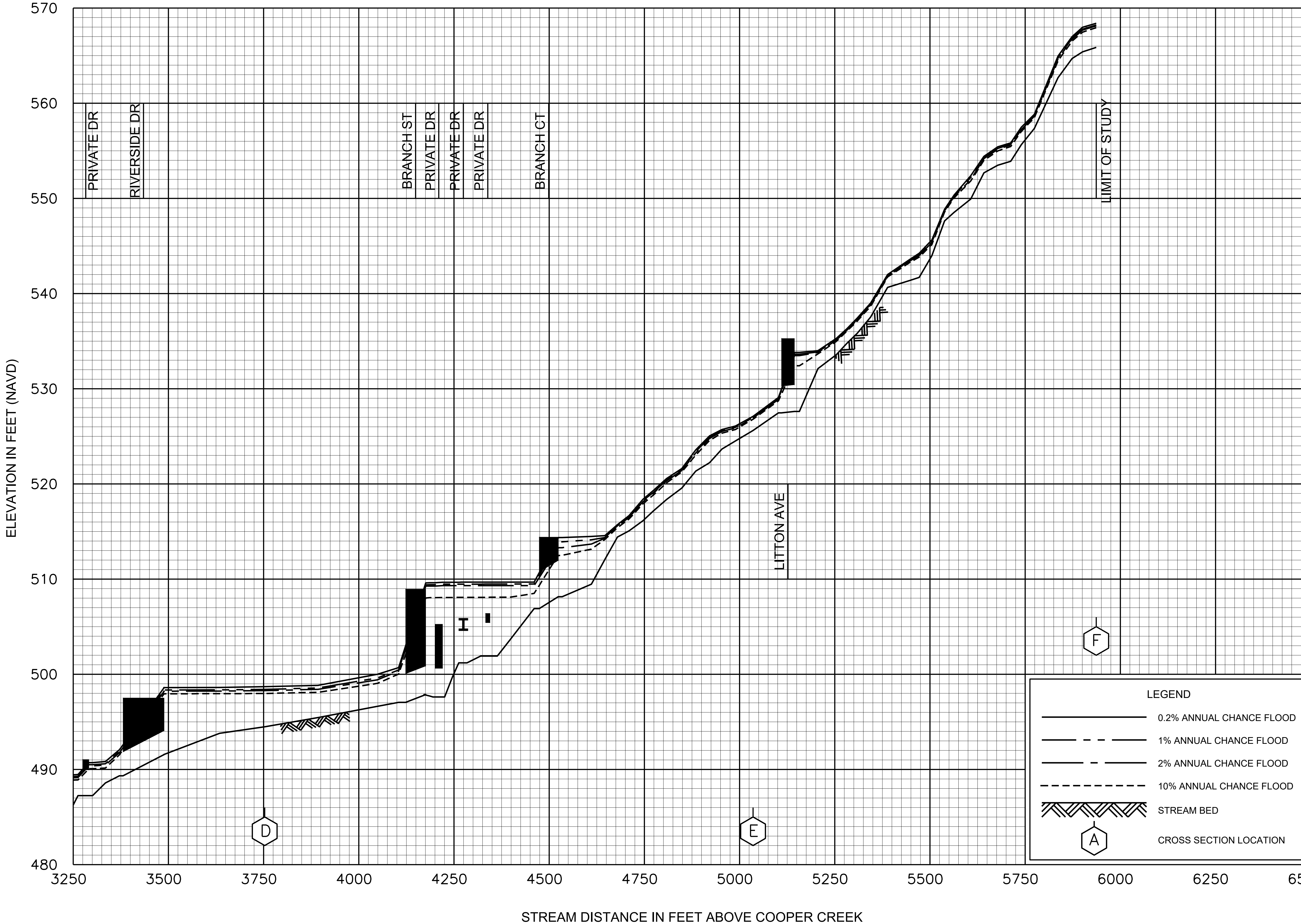
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

COOPER CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

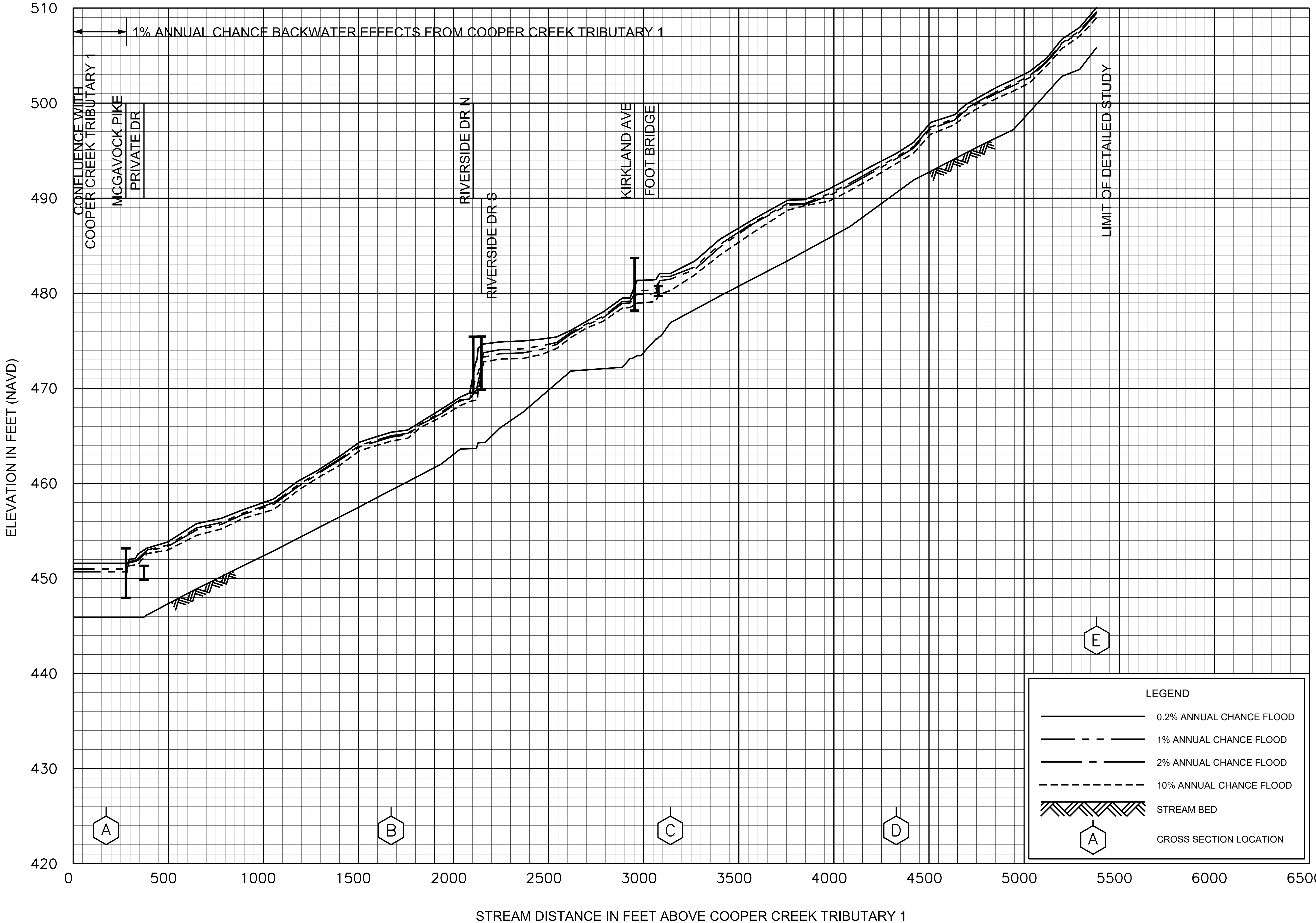


FLOOD PROFILES

COOPER CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

042P



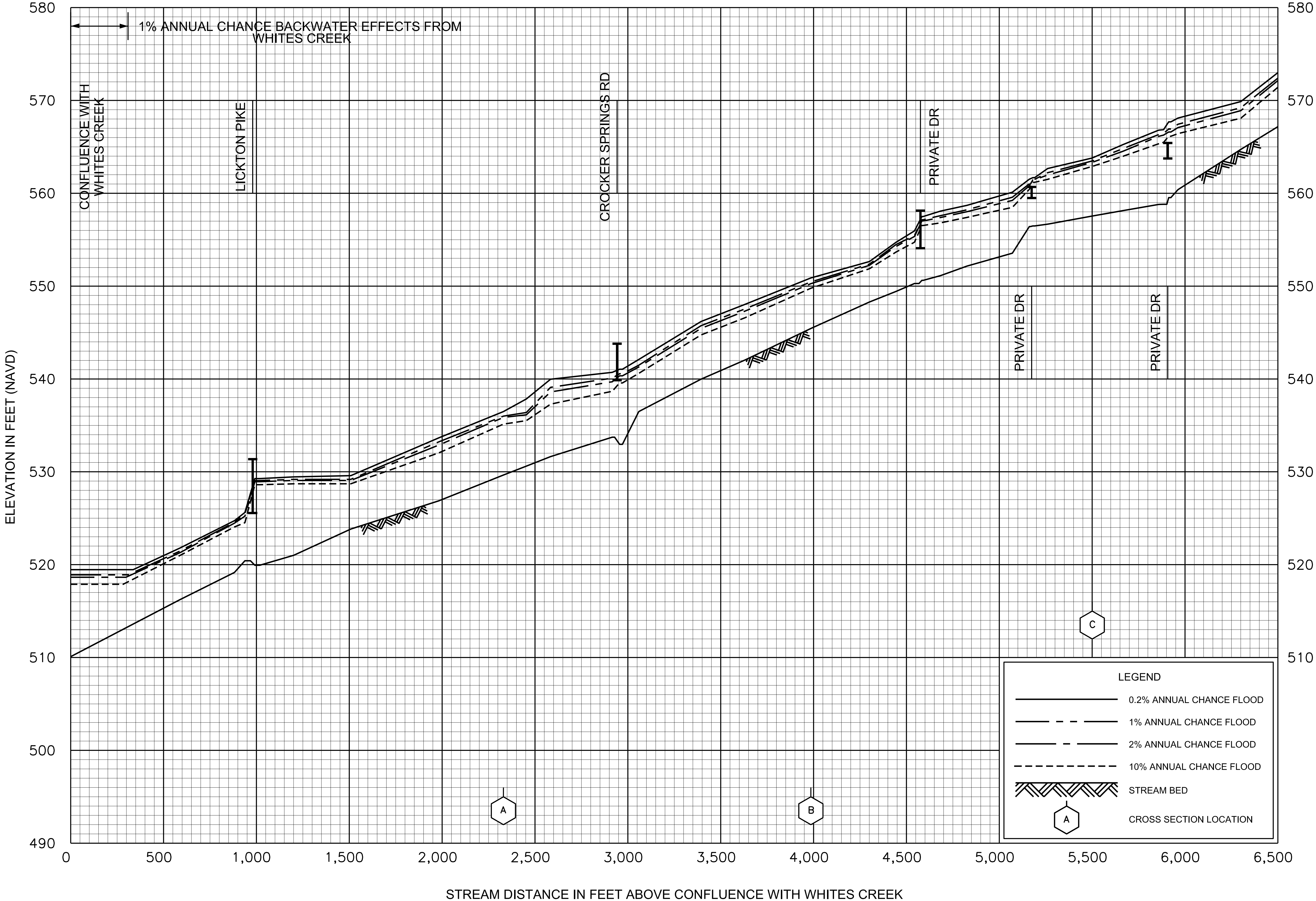
FLOOD PROFILES

COOPER CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

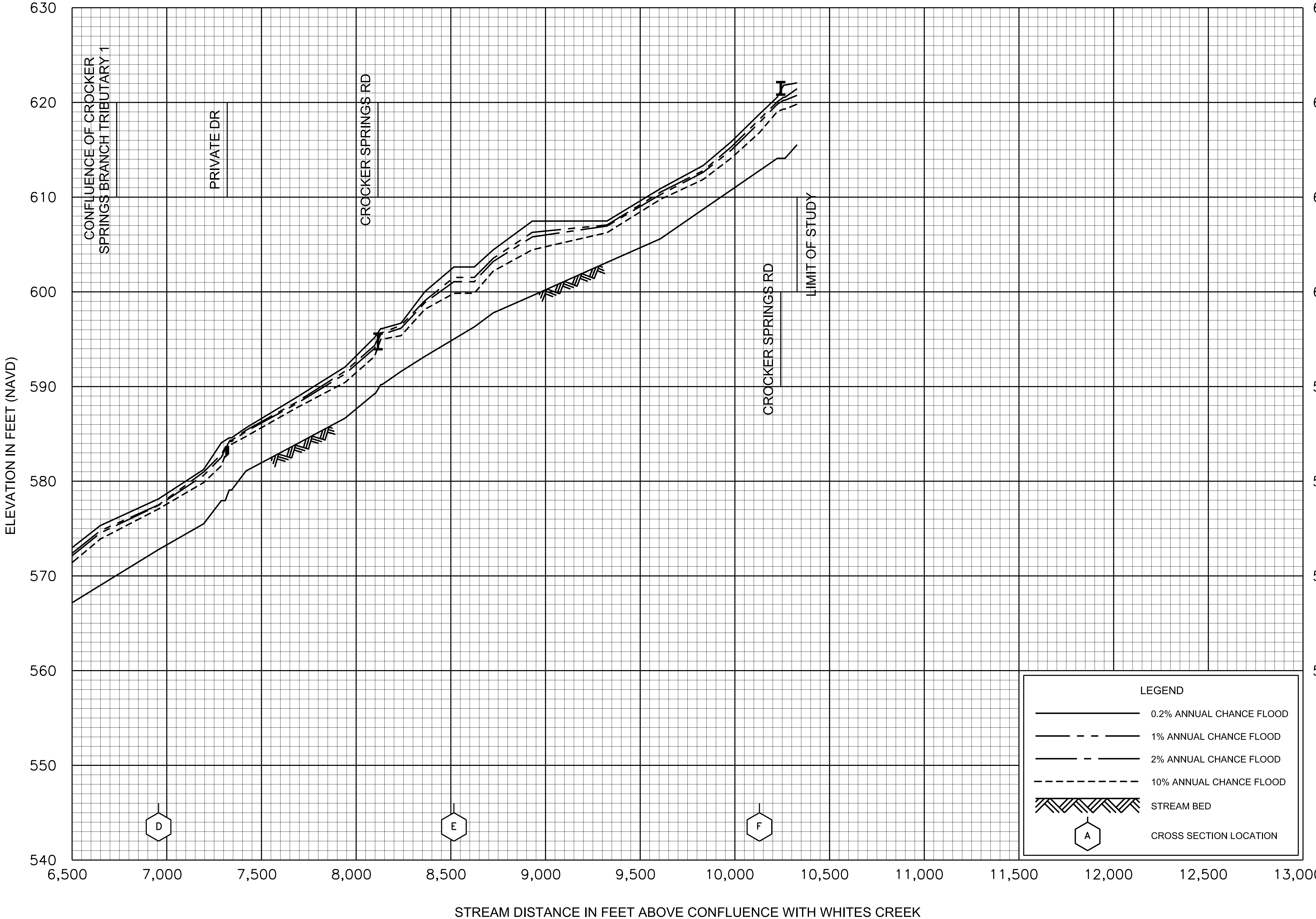
043P



FLOOD PROFILES

CROCKER SPRINGS BRANCH

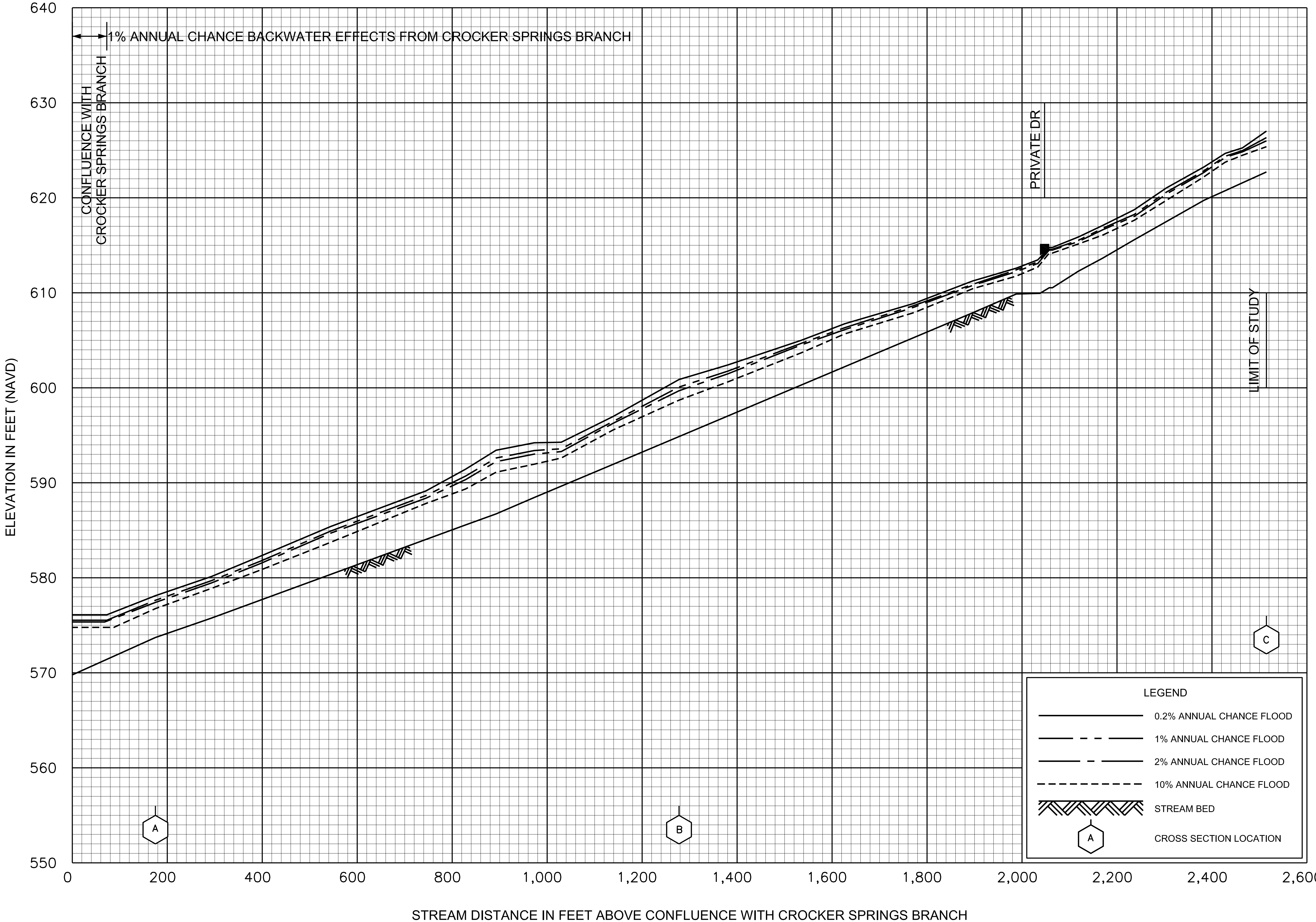
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

CROCKER SPRINGS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



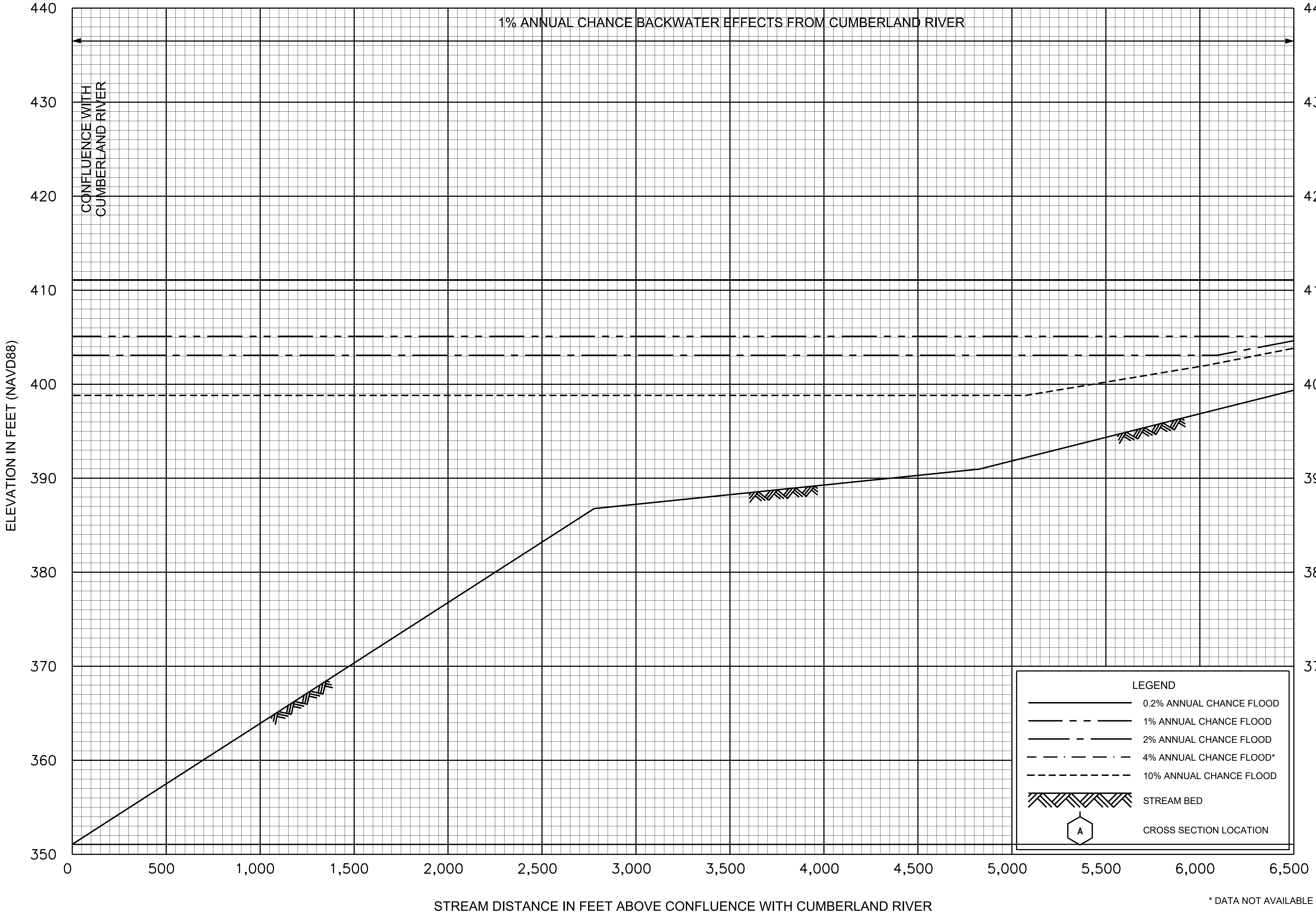
FLOOD PROFILES

CROCKER SPRINGS BRANCH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

046P

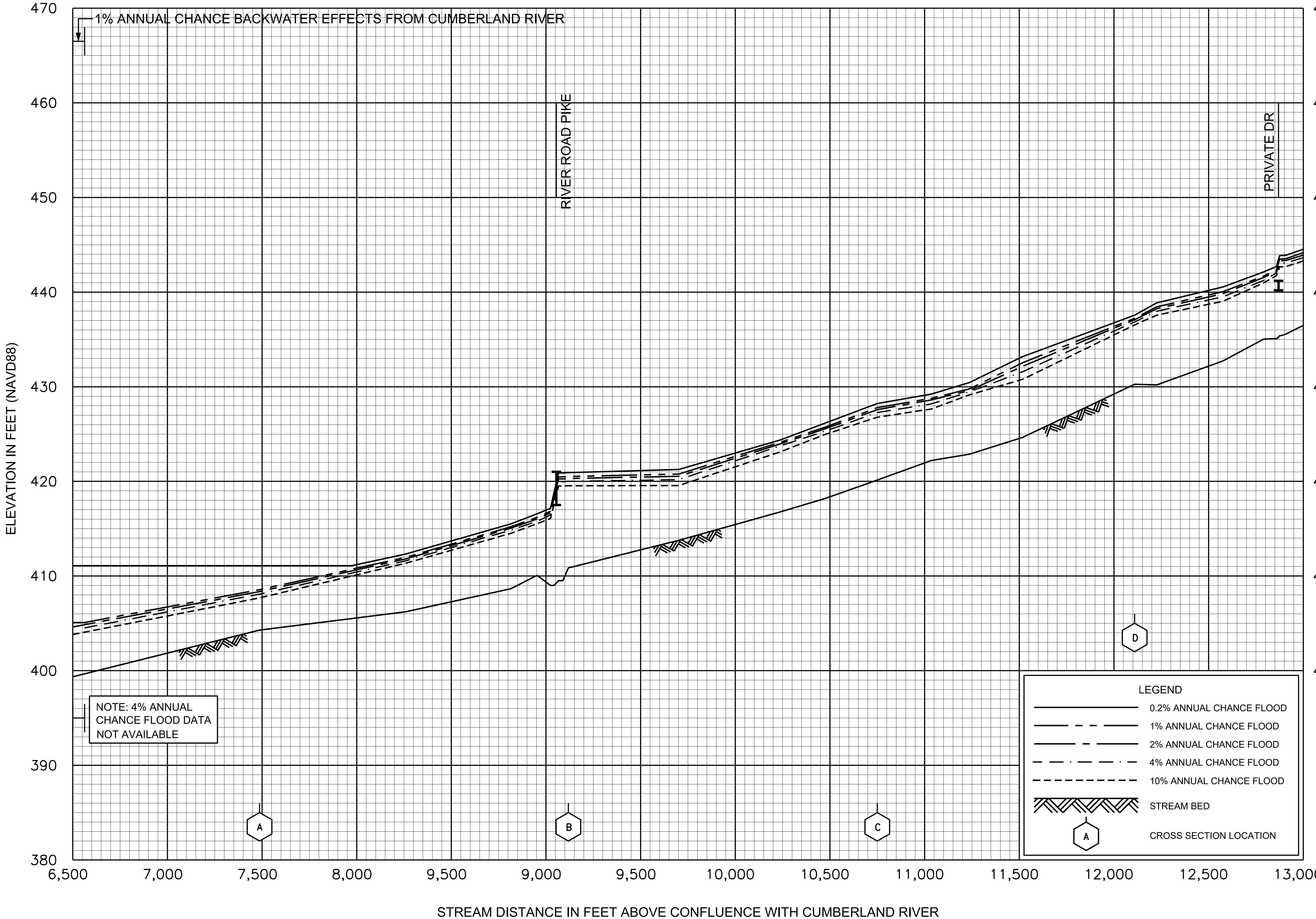


FLOOD PROFILES

CUB CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

047P



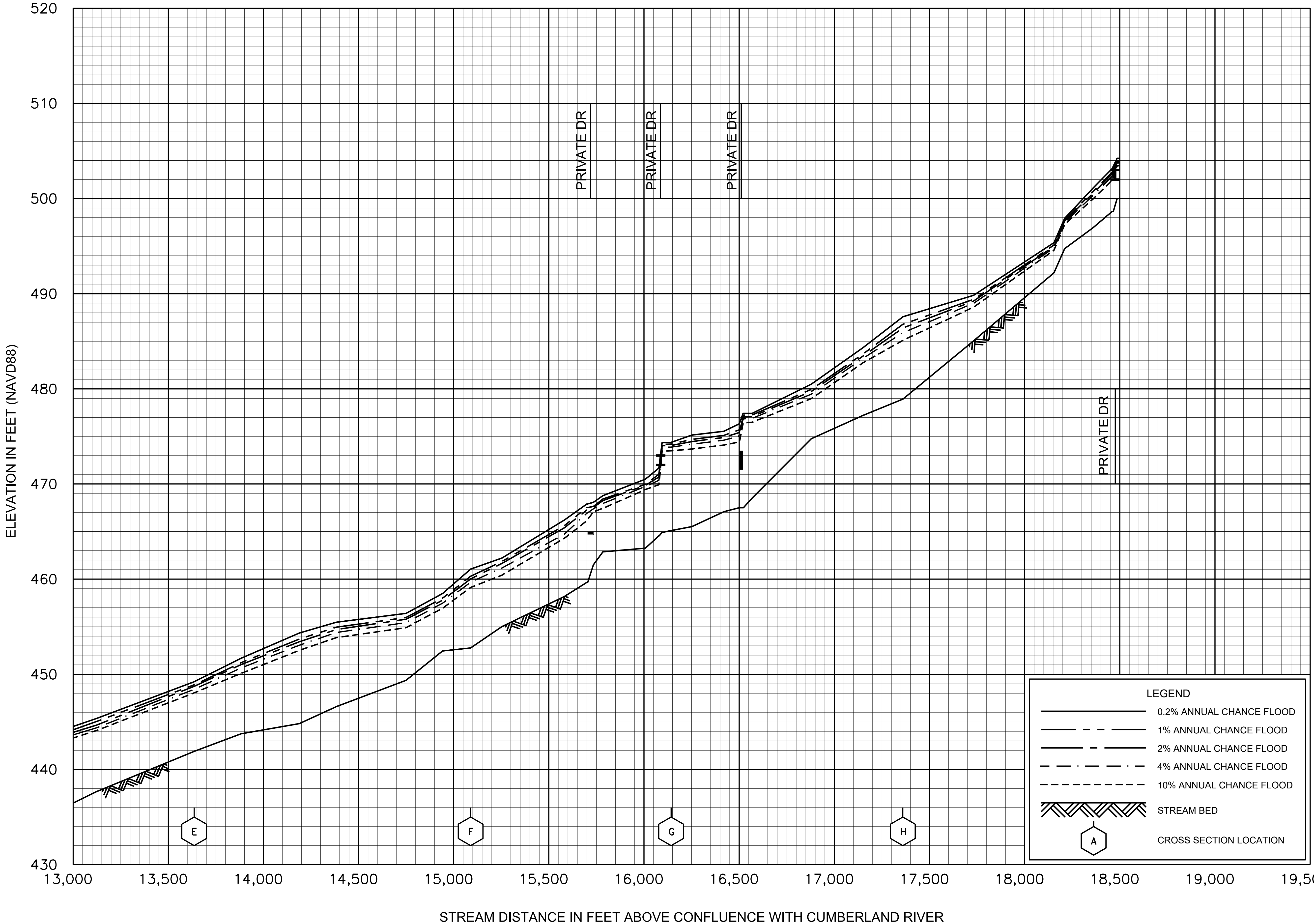
FLOOD PROFILES

CUB CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

048P



FLOOD PROFILES

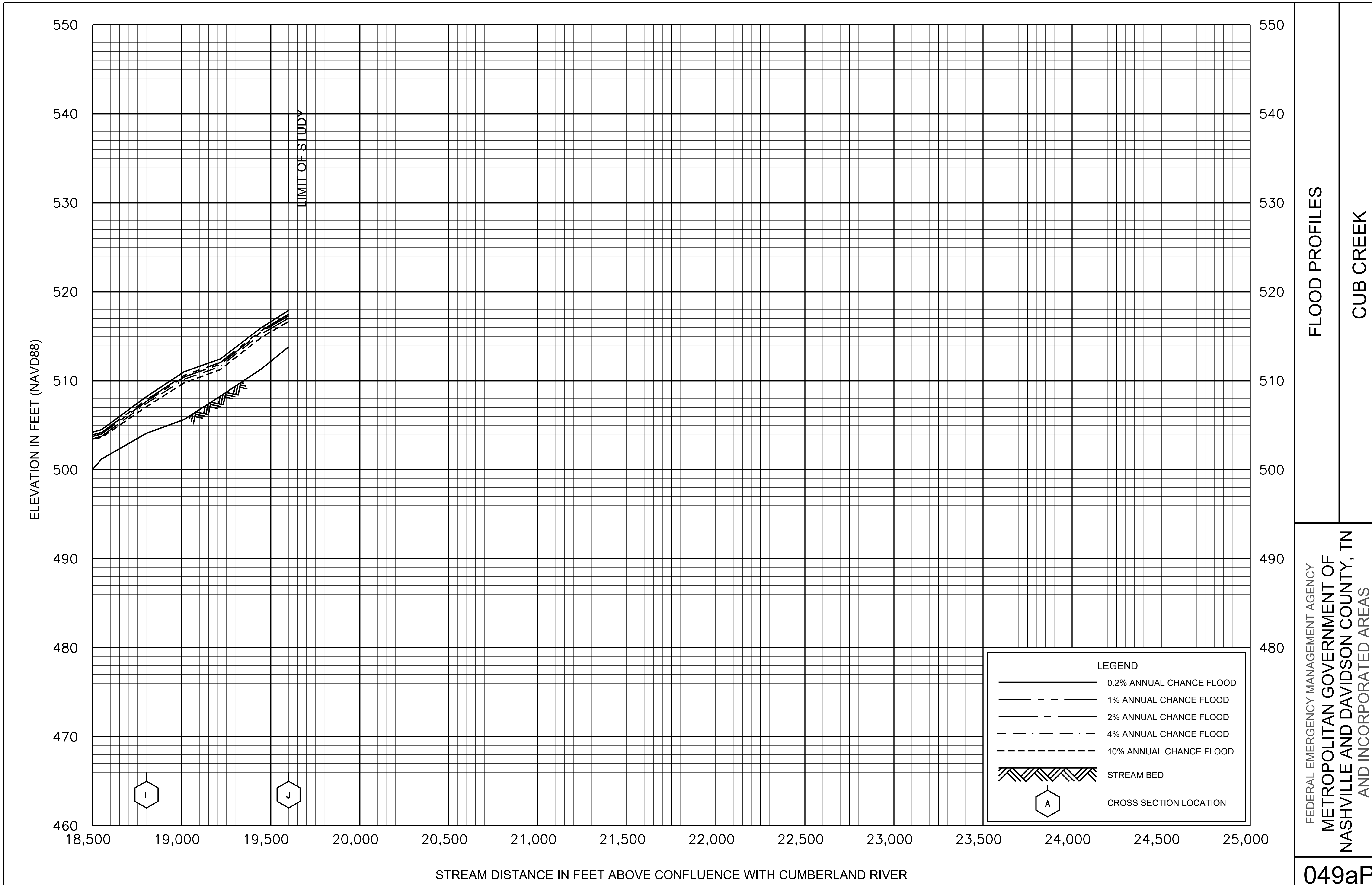
CUB CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

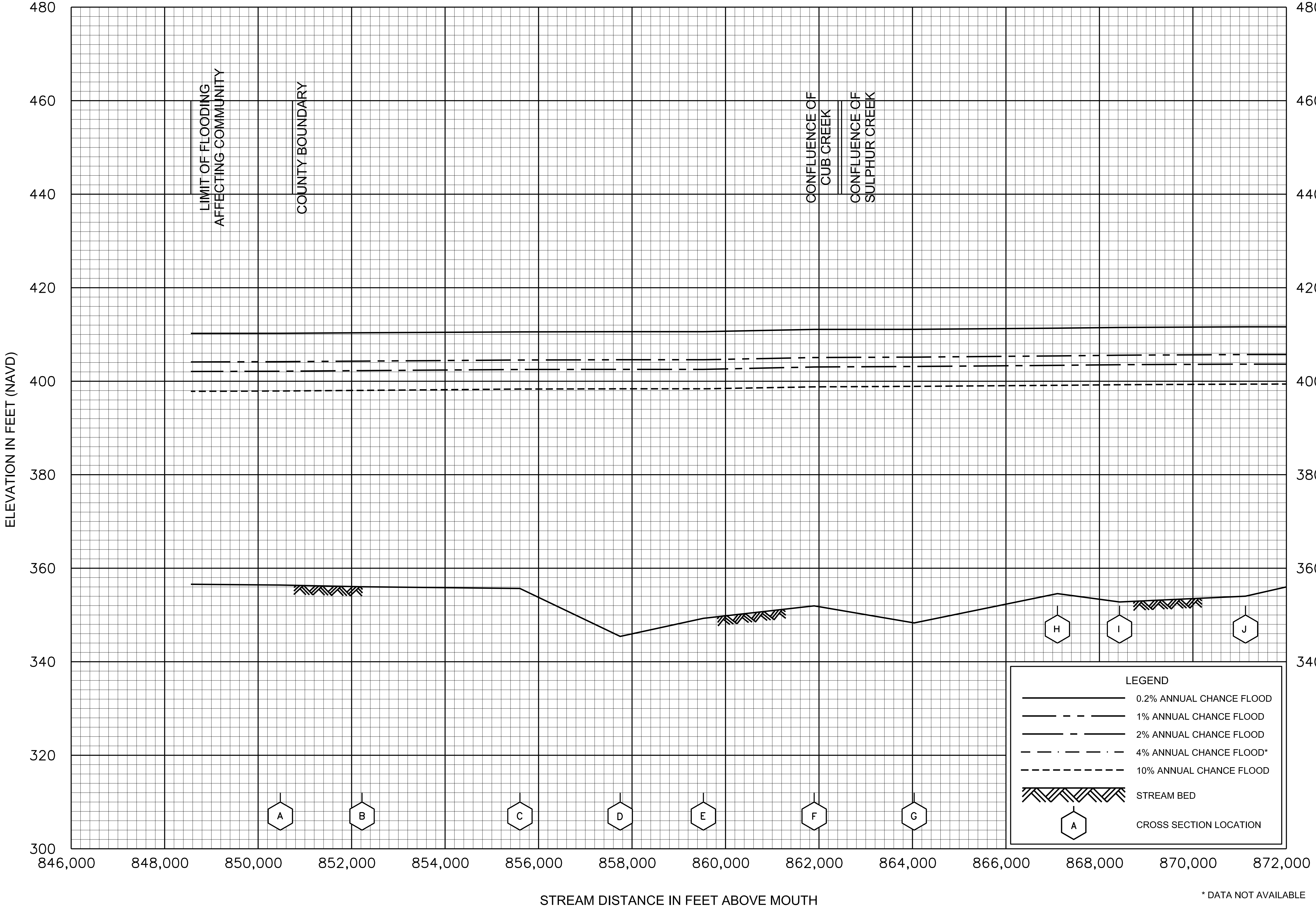
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

049P



550
540
530
520
510
500
490
480
470
460
ELEVATION IN FEET (NAVD88)
LIMIT OF STUDY
I
J
18,500
19,000
19,500
20,000
20,500
21,000
21,500
22,000
22,500
23,000
23,500
24,000
24,500
25,000
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CUMBERLAND RIVER
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
4% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
A
CROSS SECTION LOCATION
FLOOD PROFILES
CUB CREEK
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS
049aP



FLOOD PROFILES

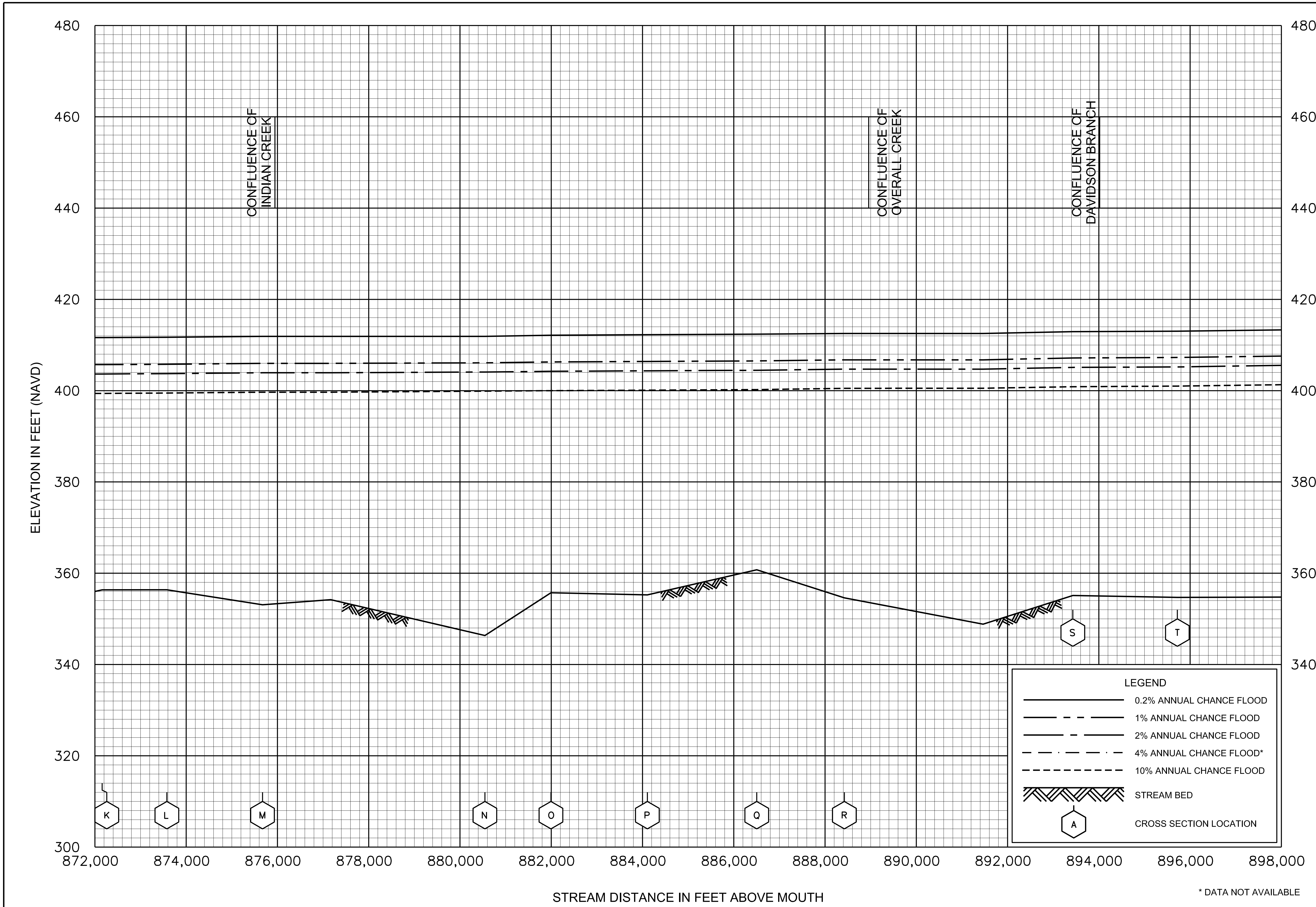
CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

050P

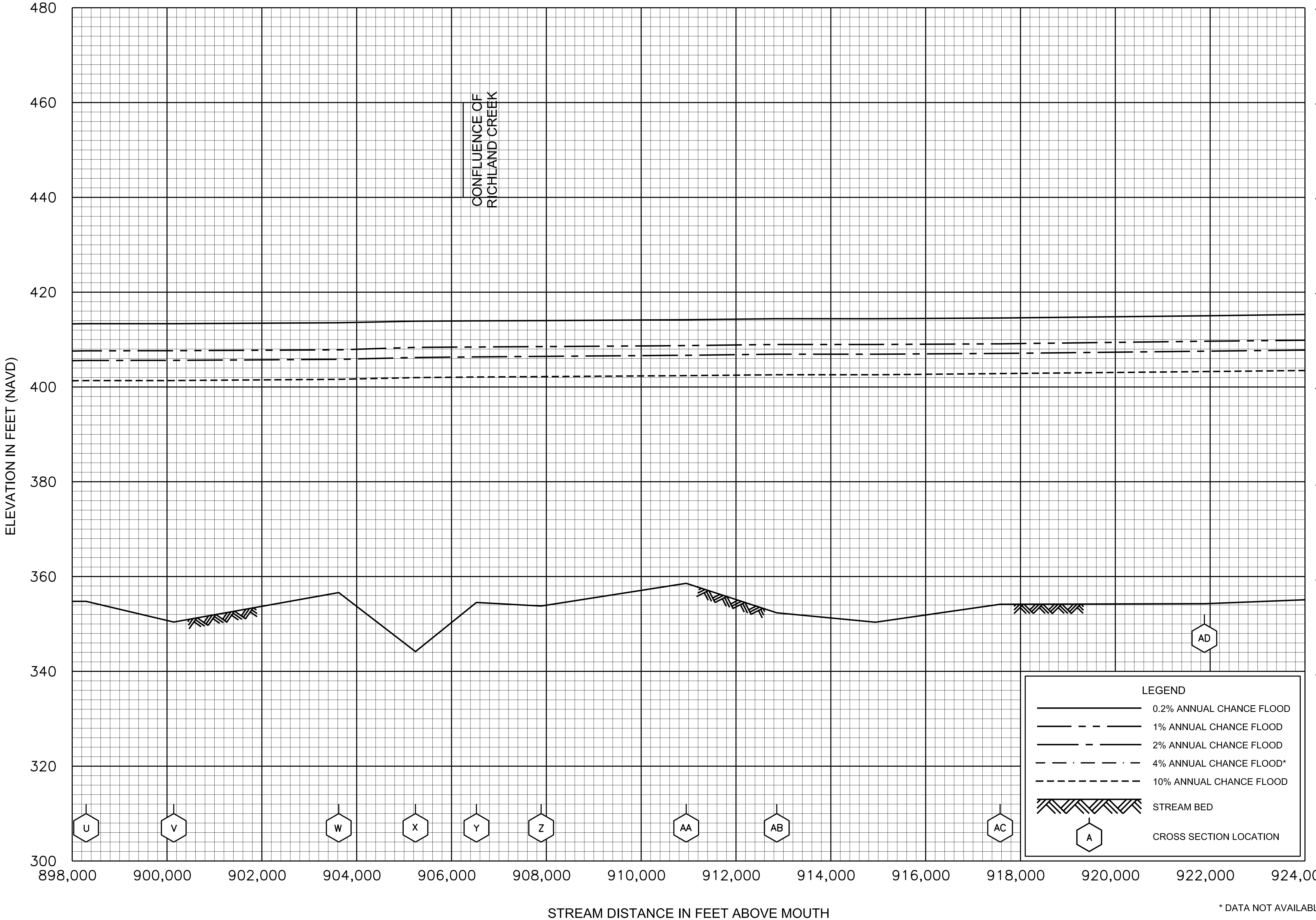


FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

051P



* DATA NOT AVAILABLE

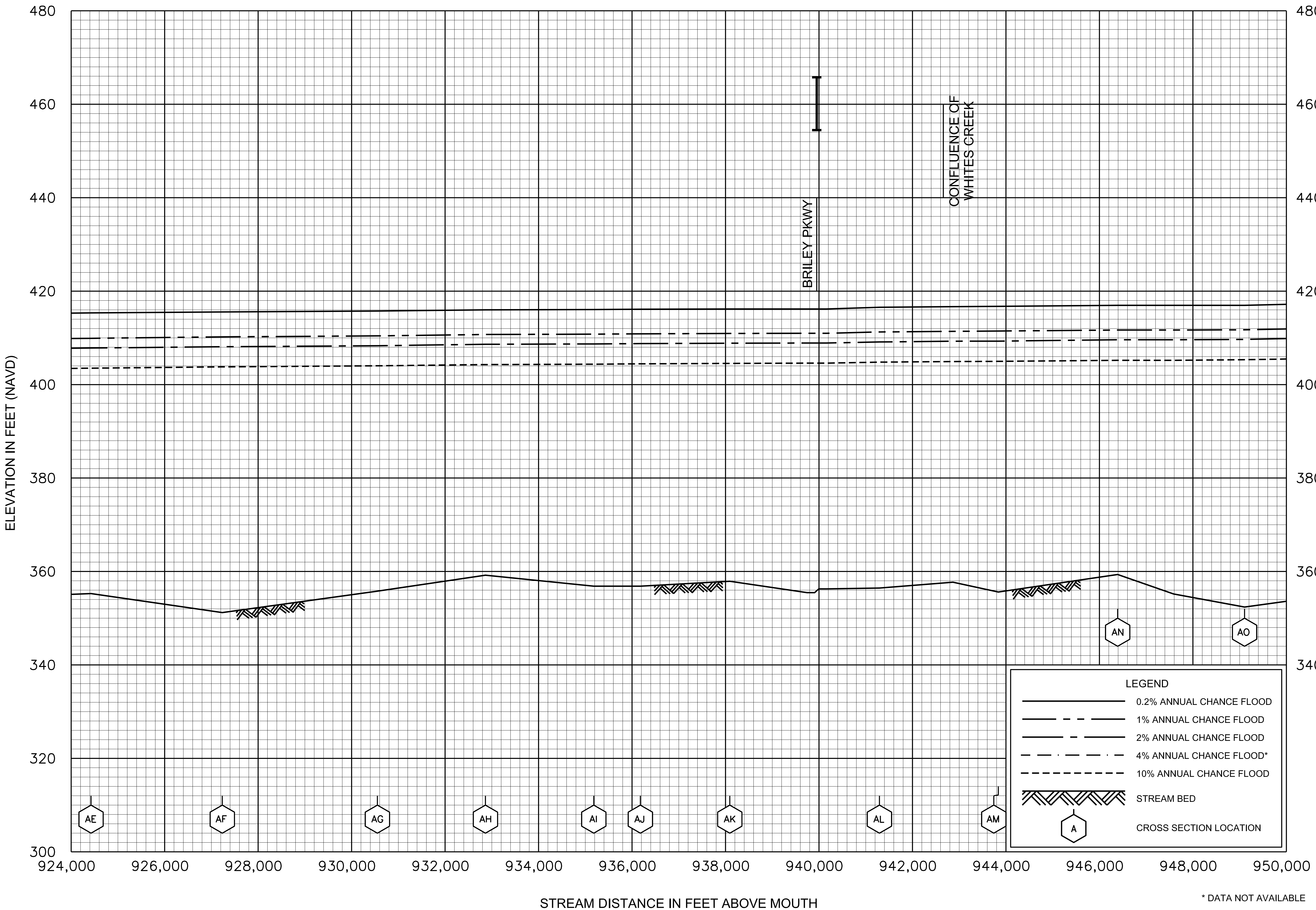
FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

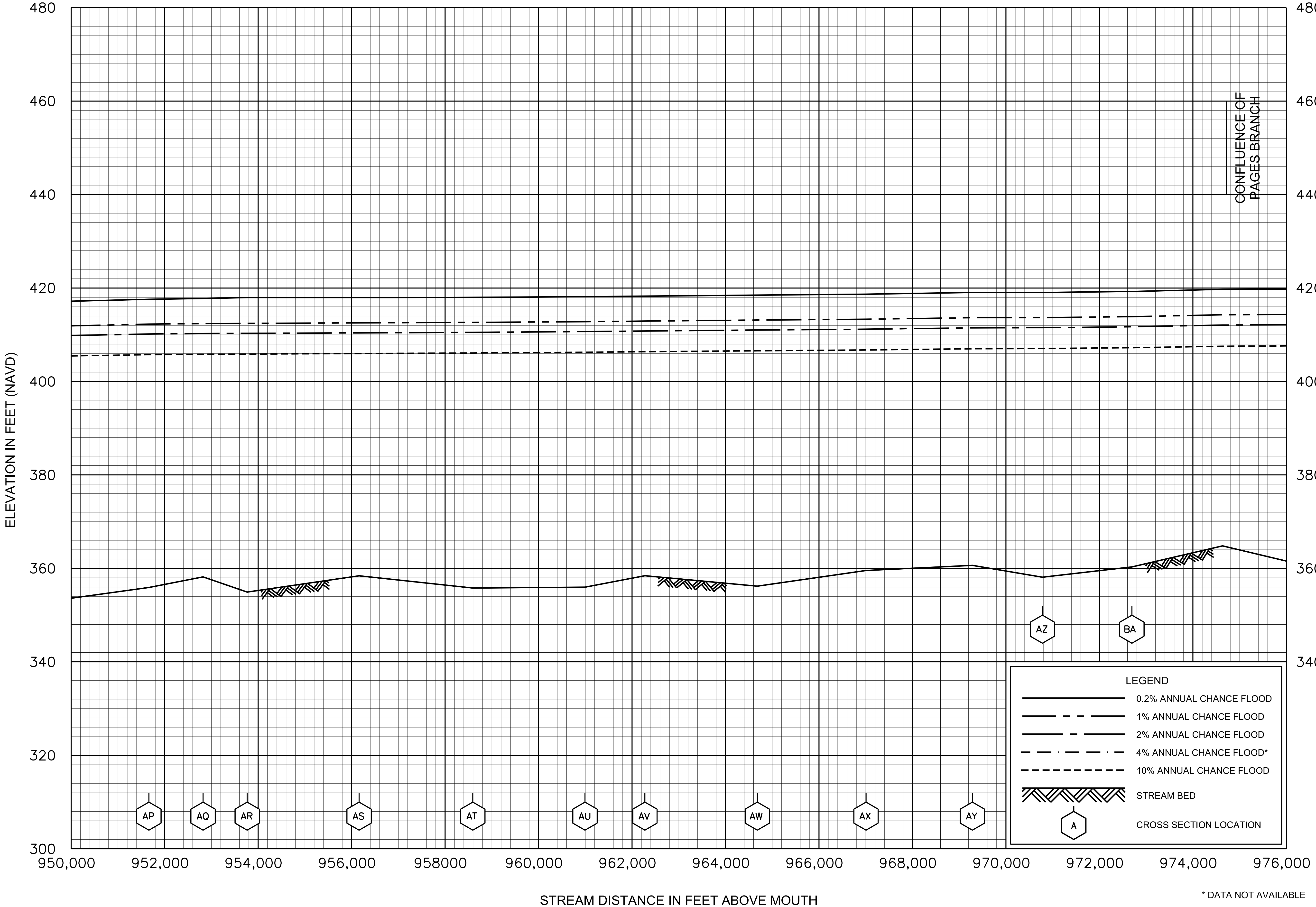


FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

053P



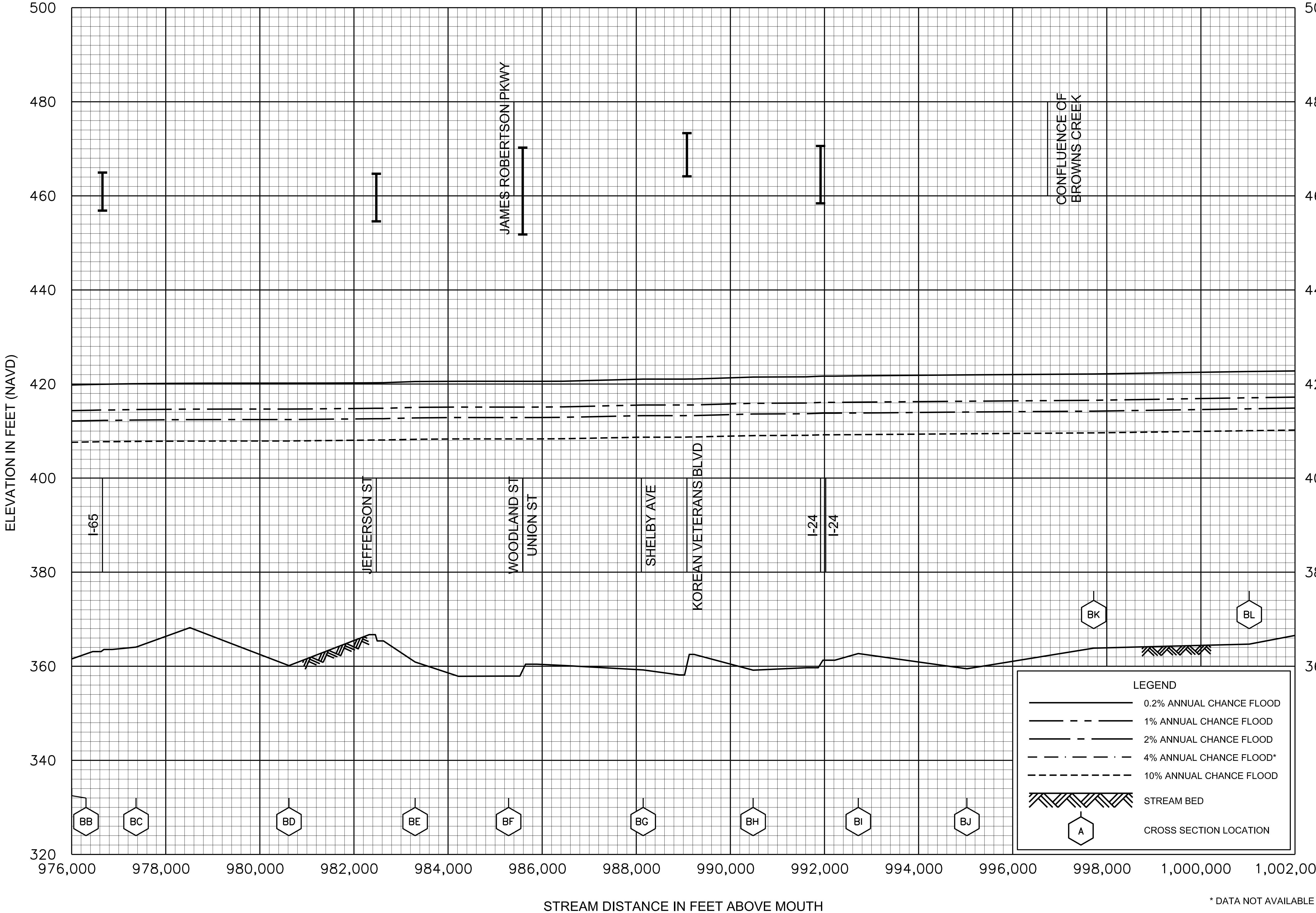
FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

054P



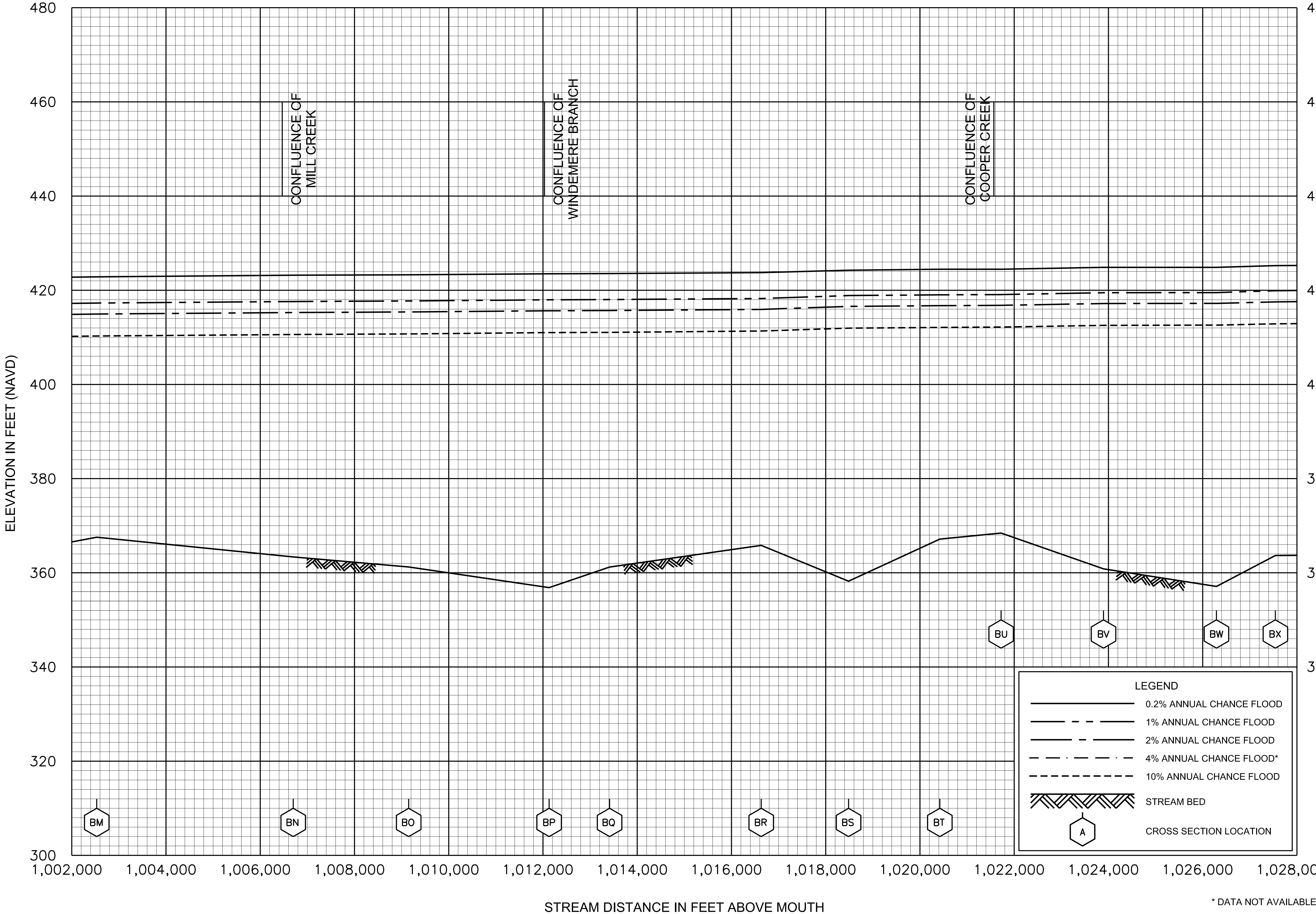
* DATA NOT AVAILABLE

FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

055P



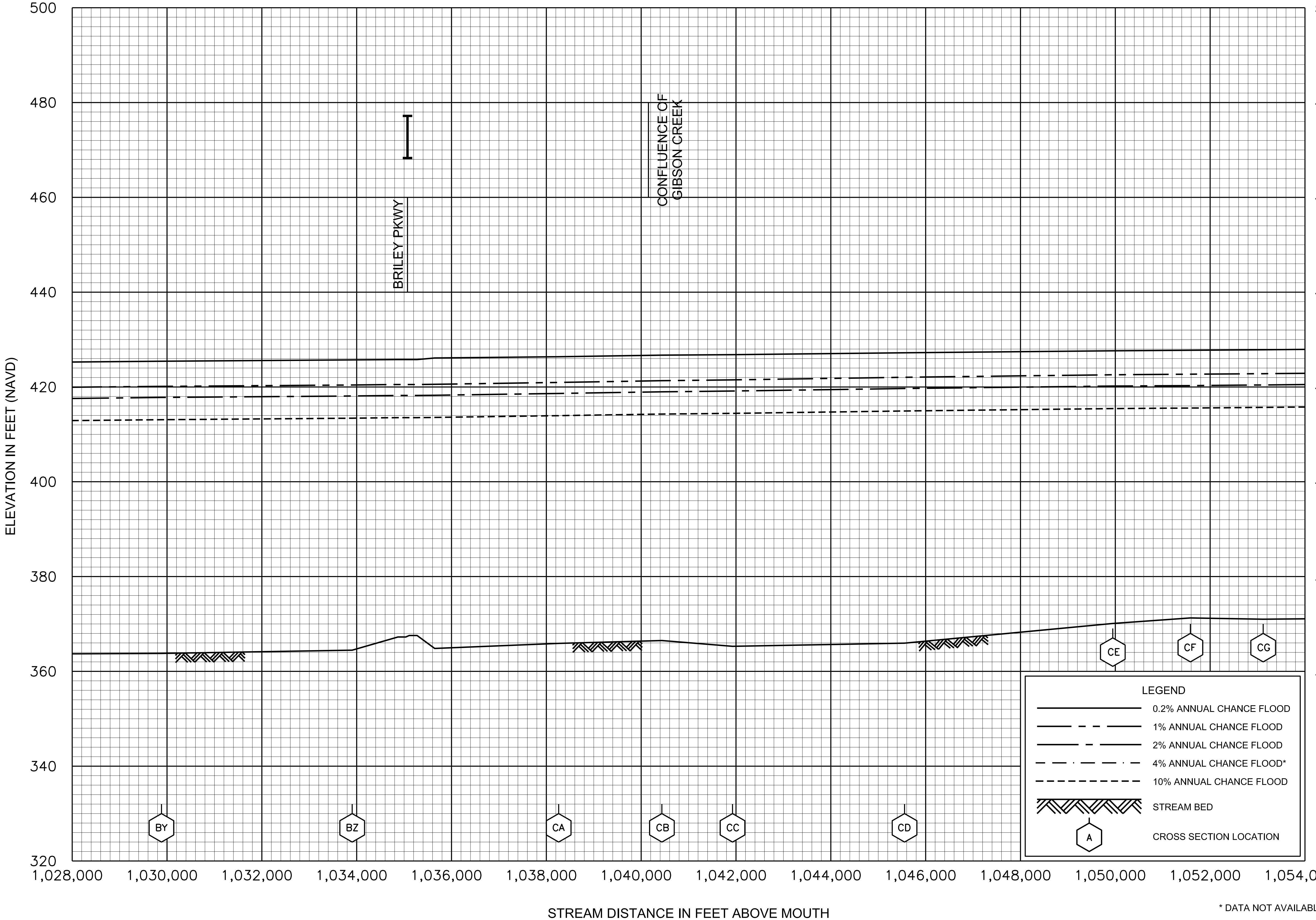
* DATA NOT AVAILABLE

FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

056P



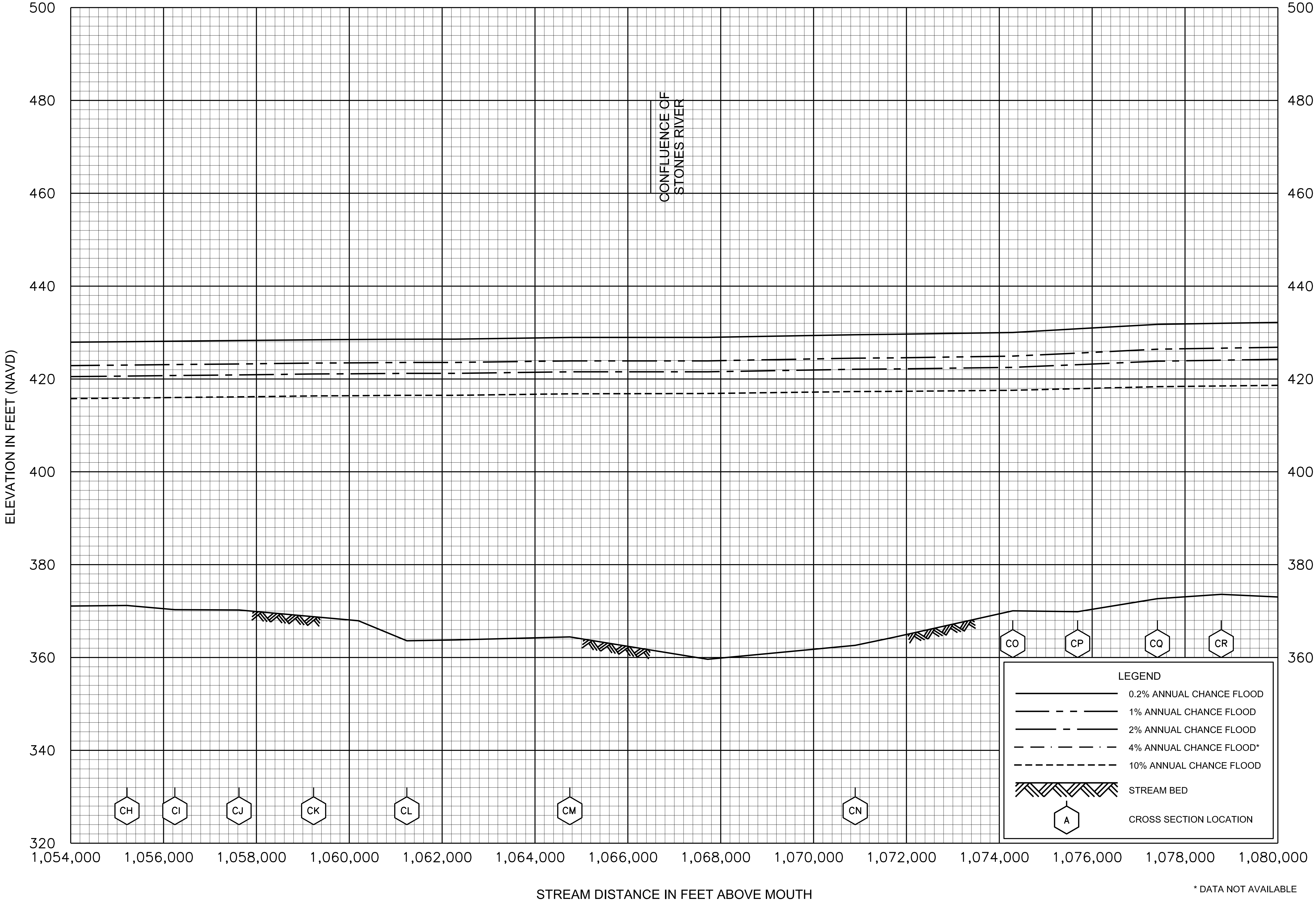
FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



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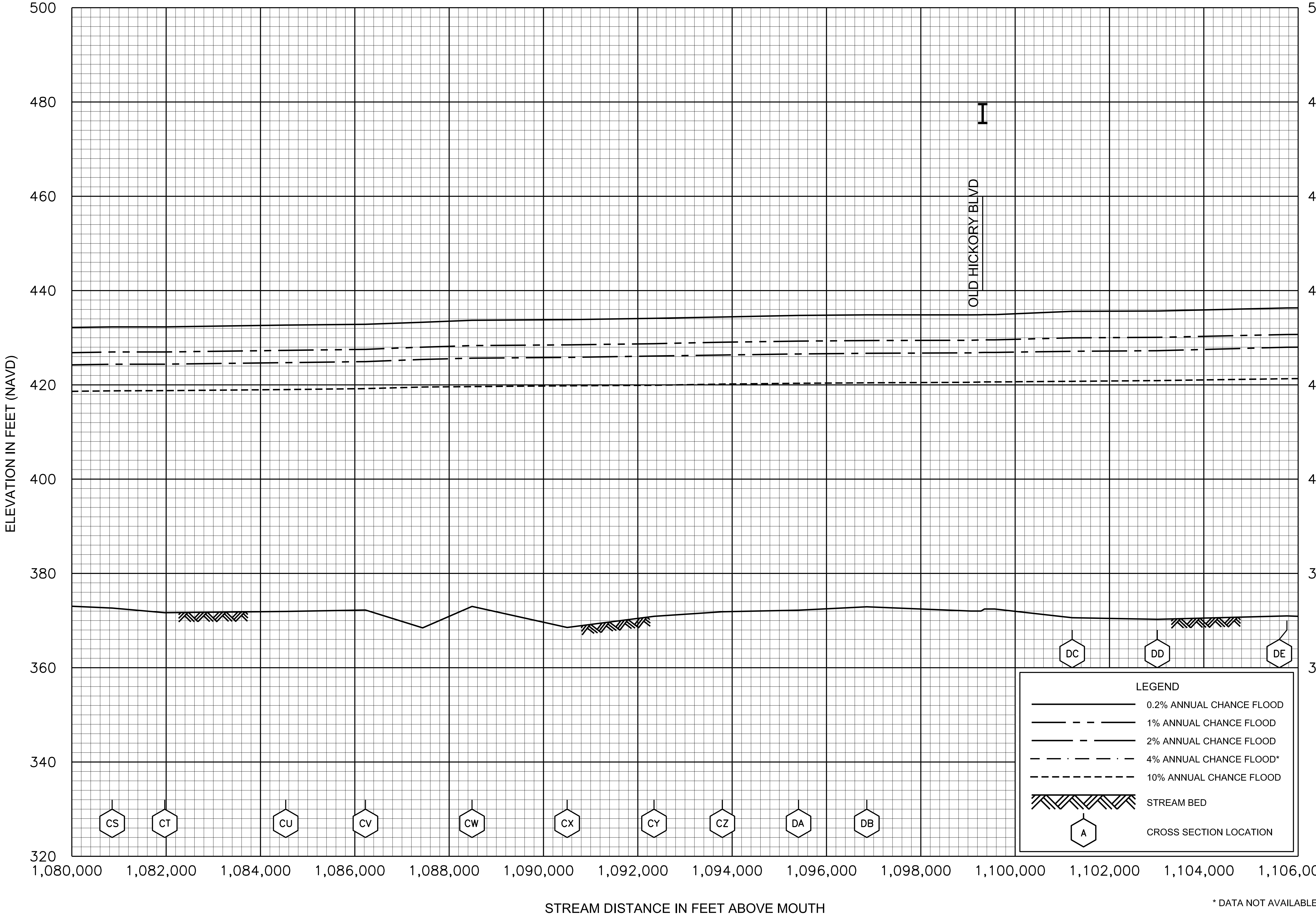
CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

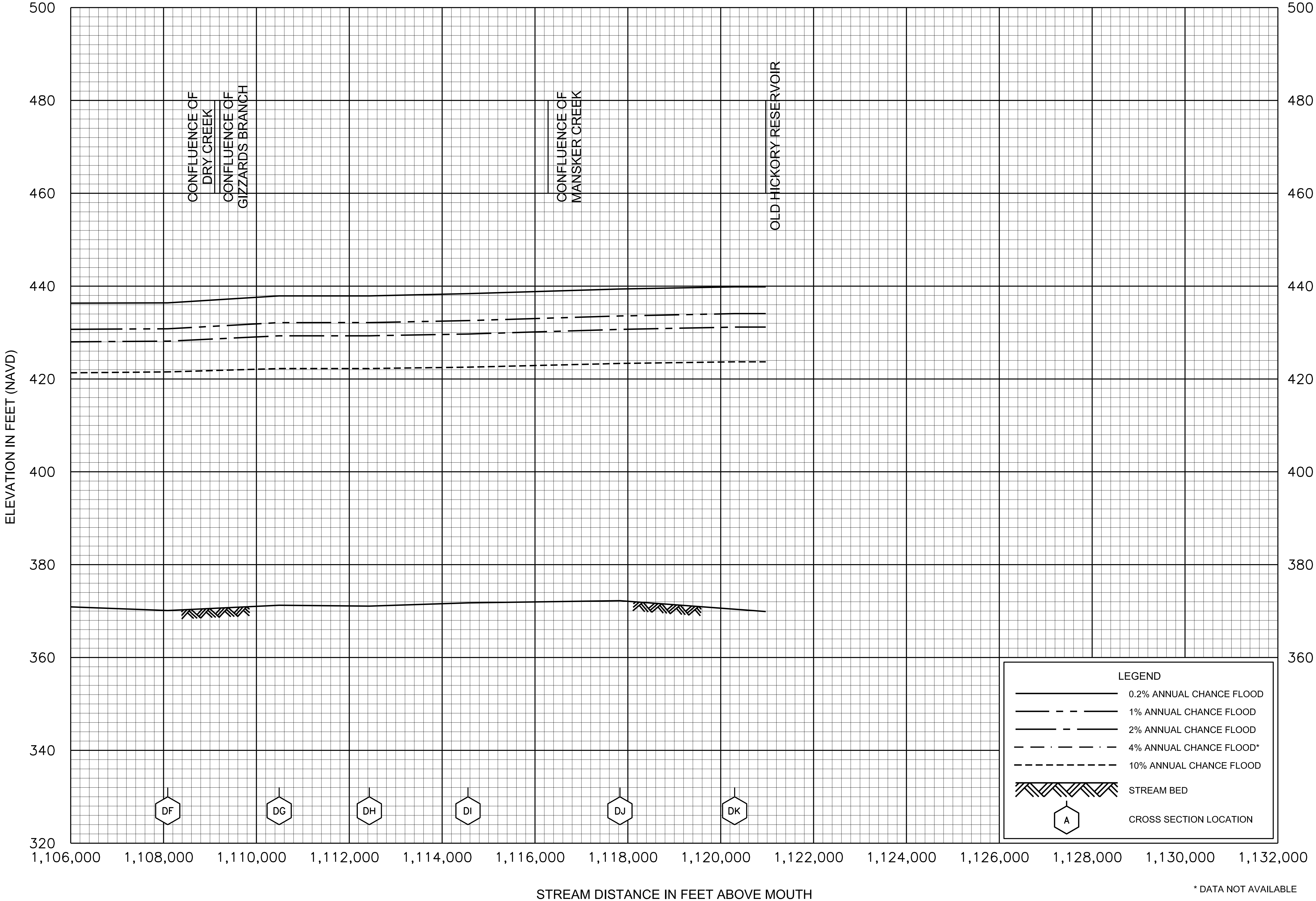


FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



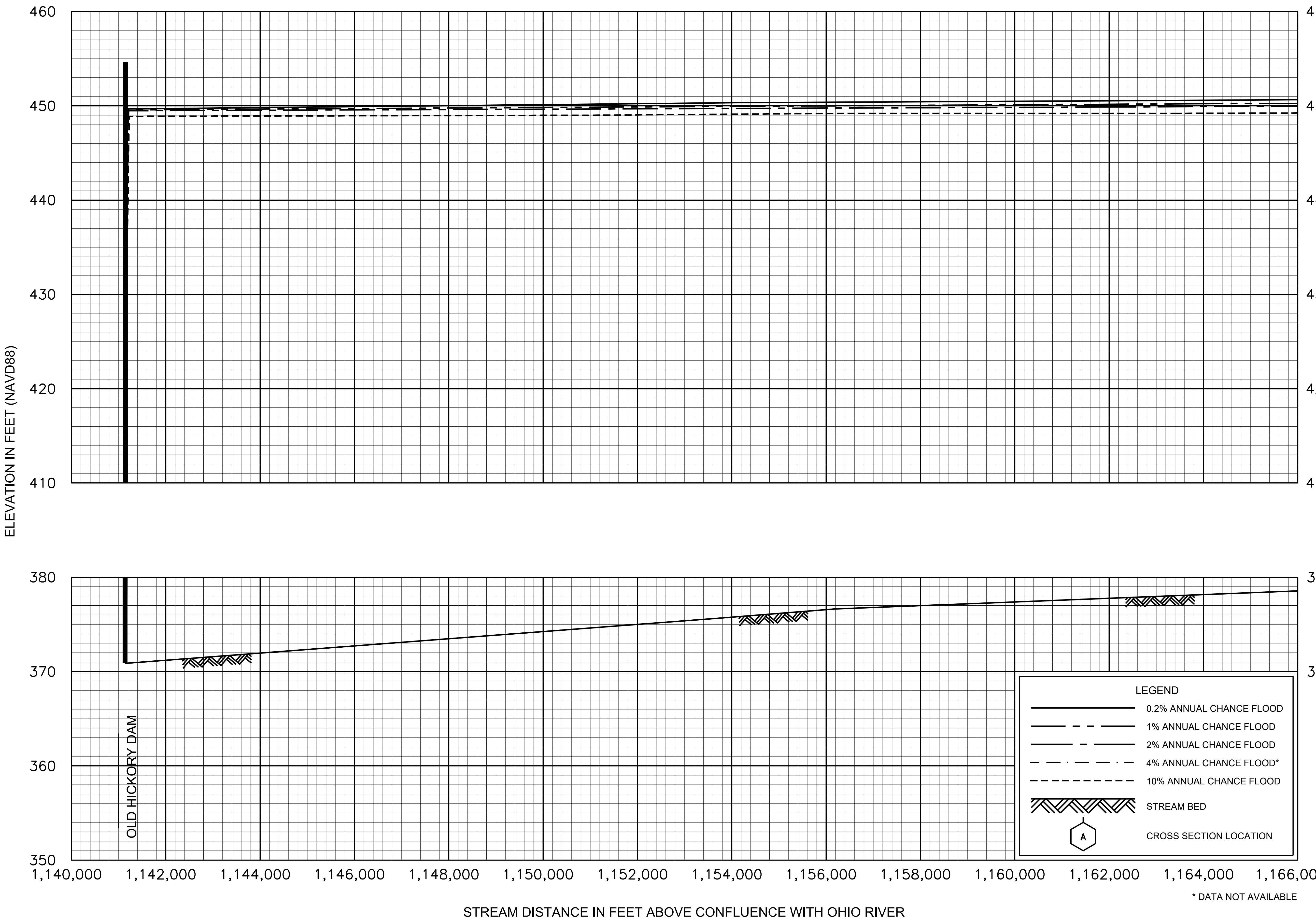
FLOOD PROFILES

CUMBERLAND RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

060P

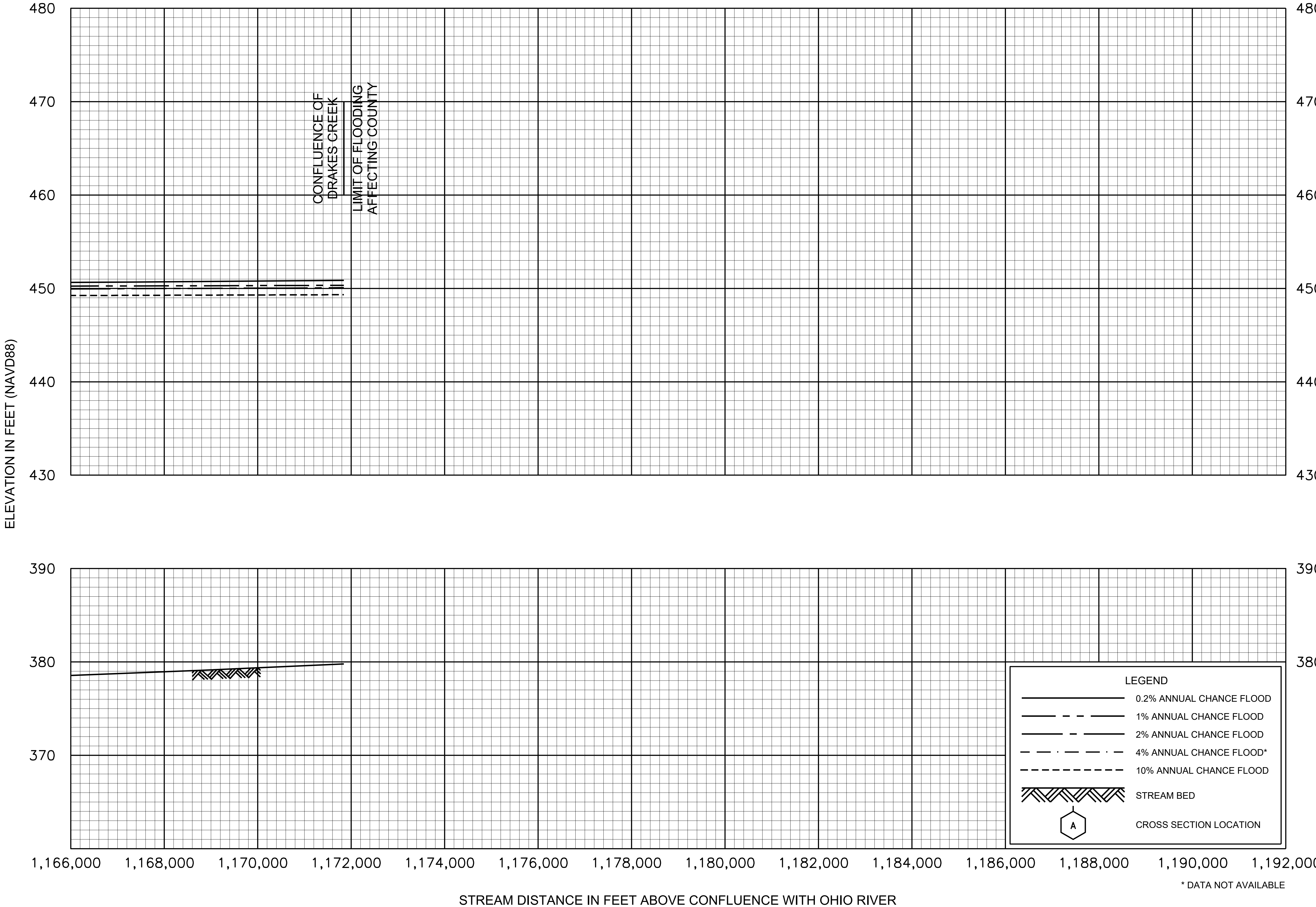


FLOOD PROFILES

CUMBERLAND RIVER - OLD HICKORY LAKE

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

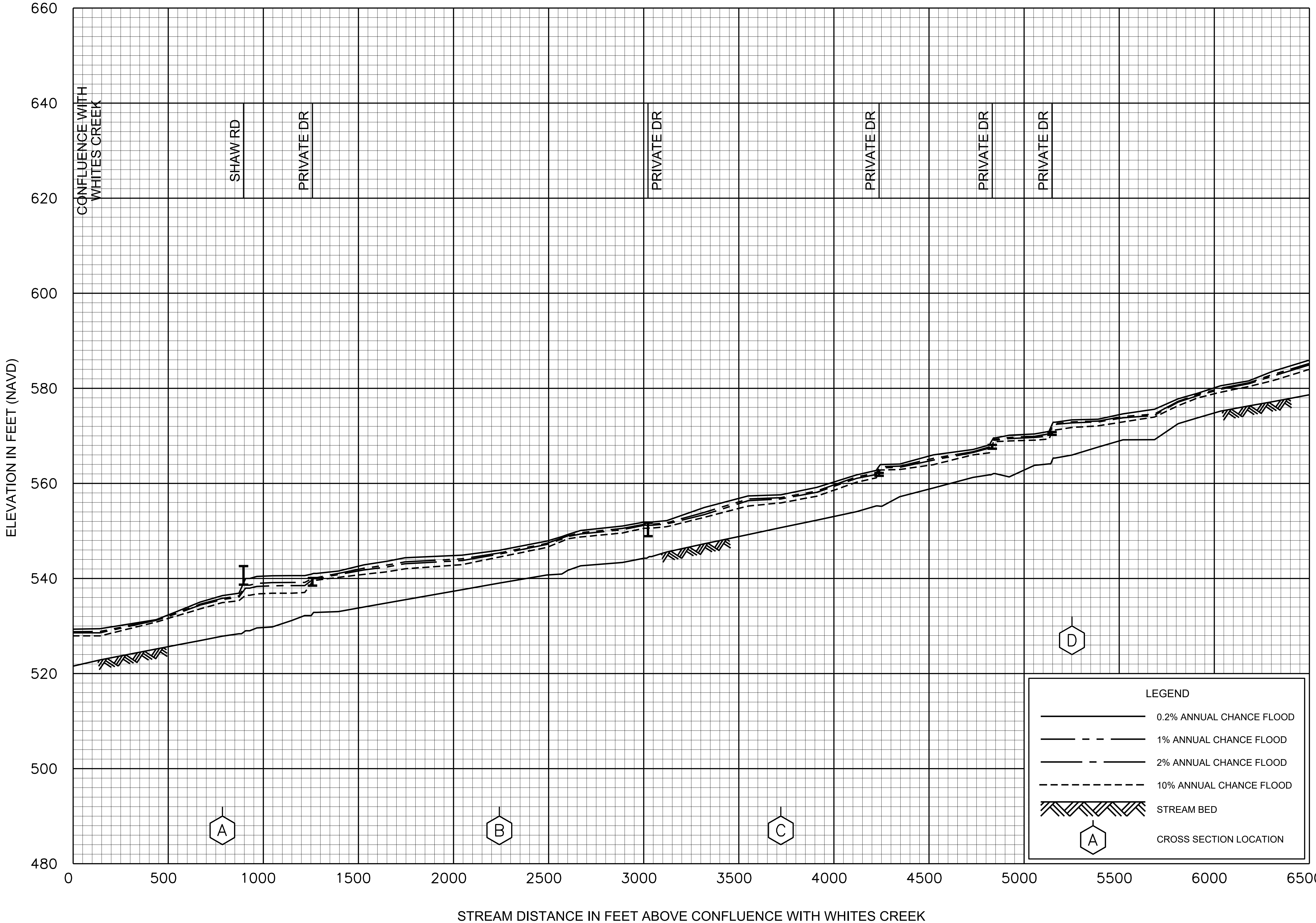


FLOOD PROFILES

CUMBERLAND RIVER - OLD HICKORY LAKE

FEDERAL EMERGENCY MANAGEMENT AGENCY

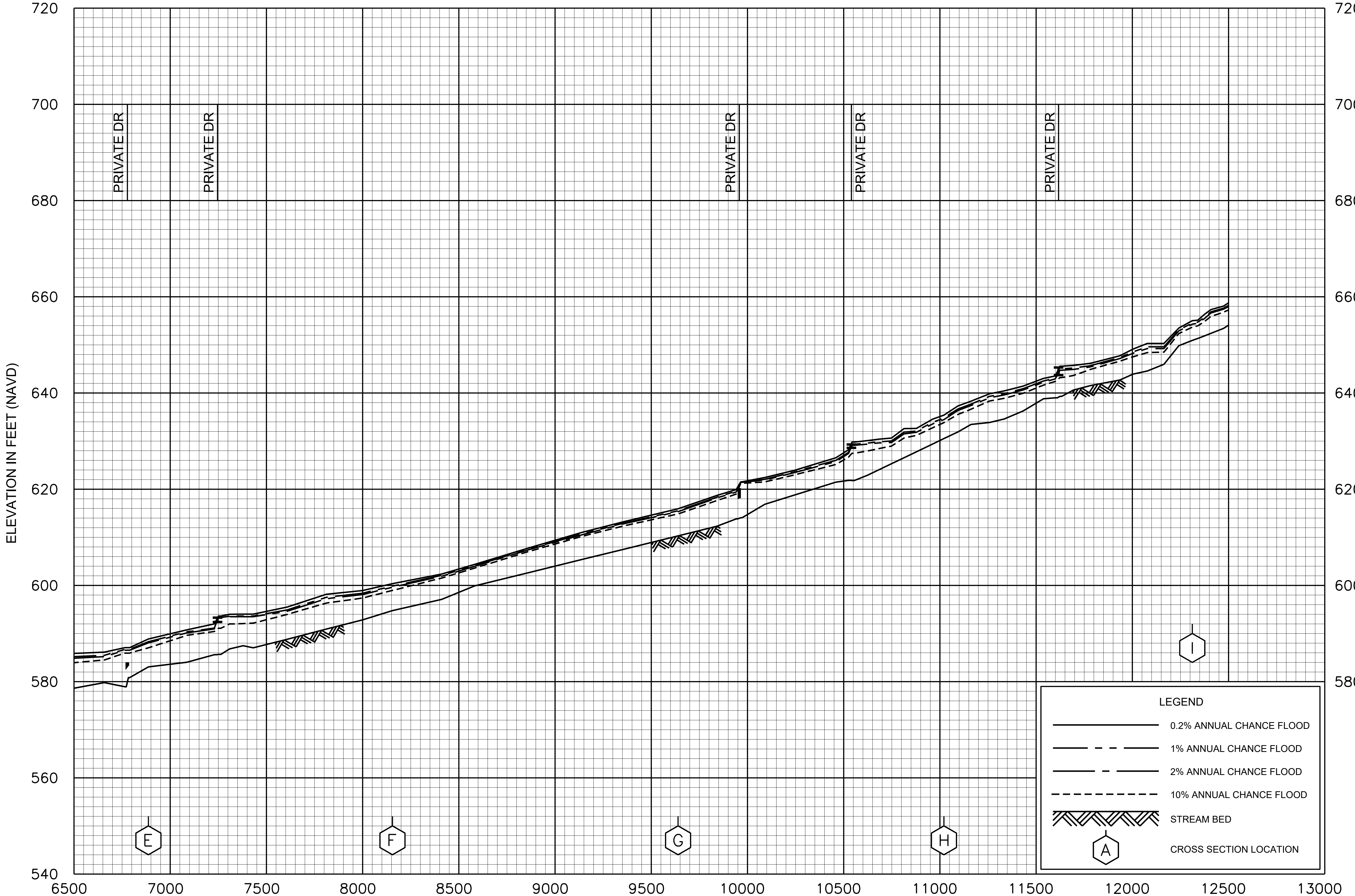
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

CUMMINGS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

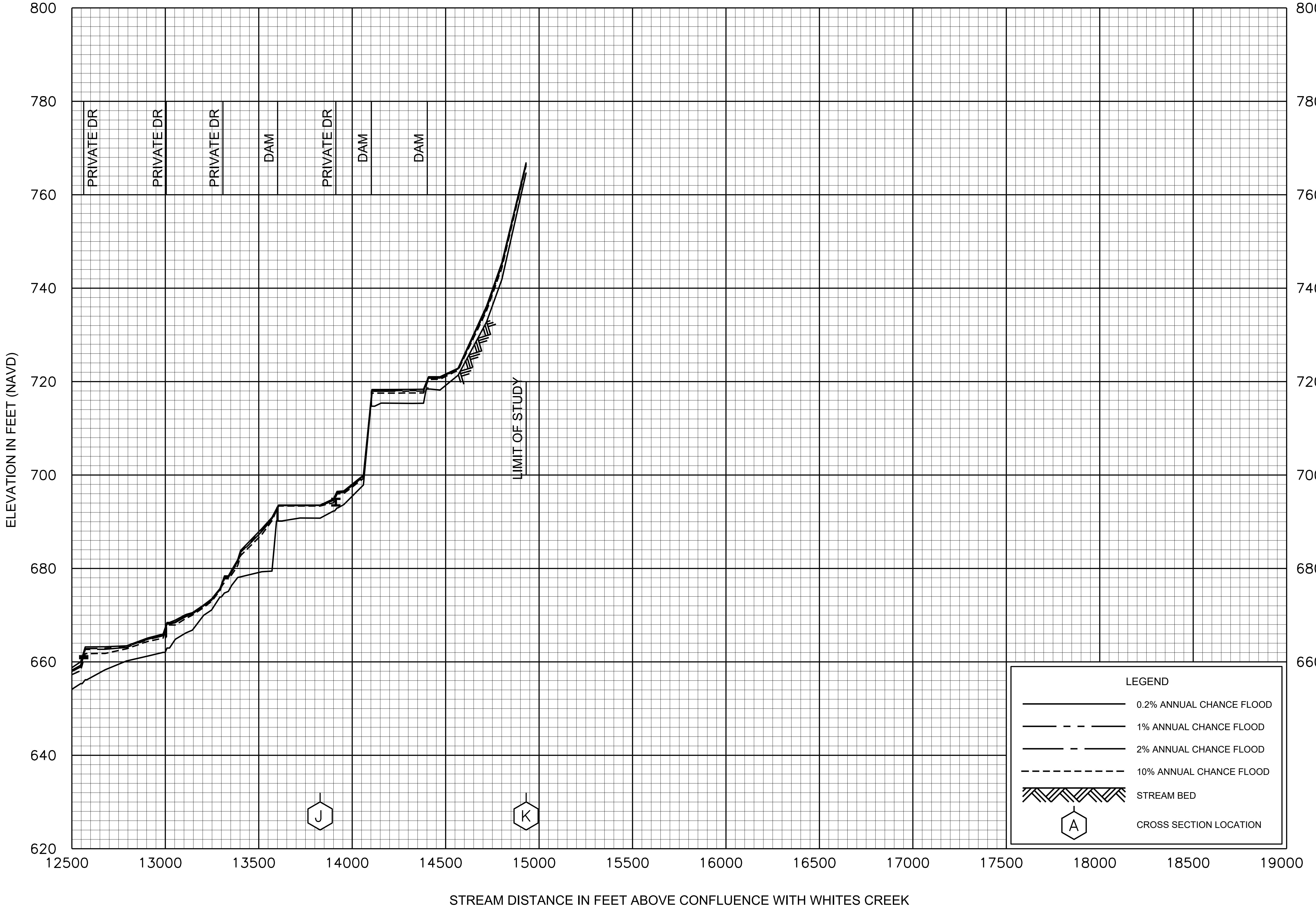


FLOOD PROFILES

CUMMINGS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

064P



FLOOD PROFILES

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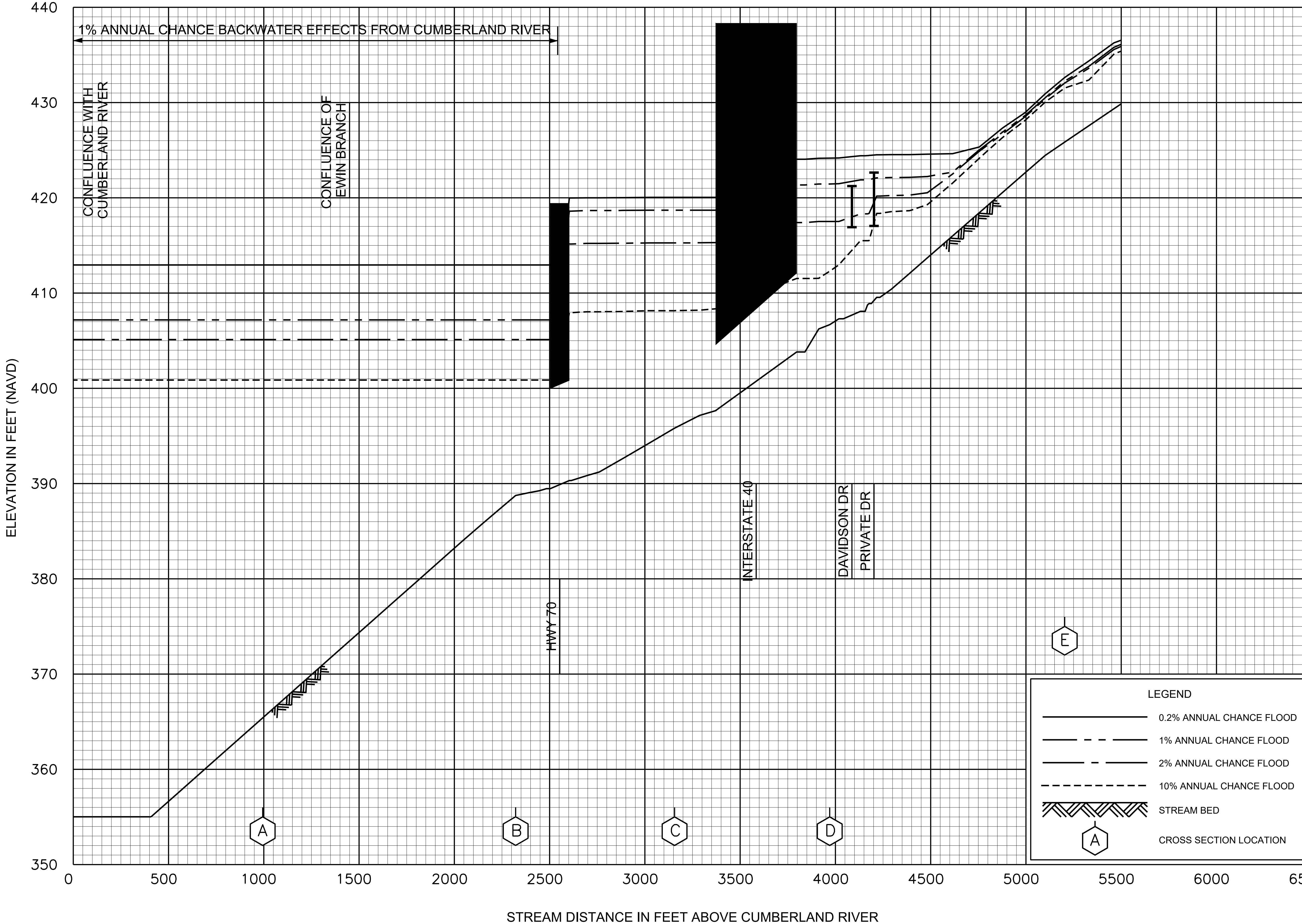
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

065P

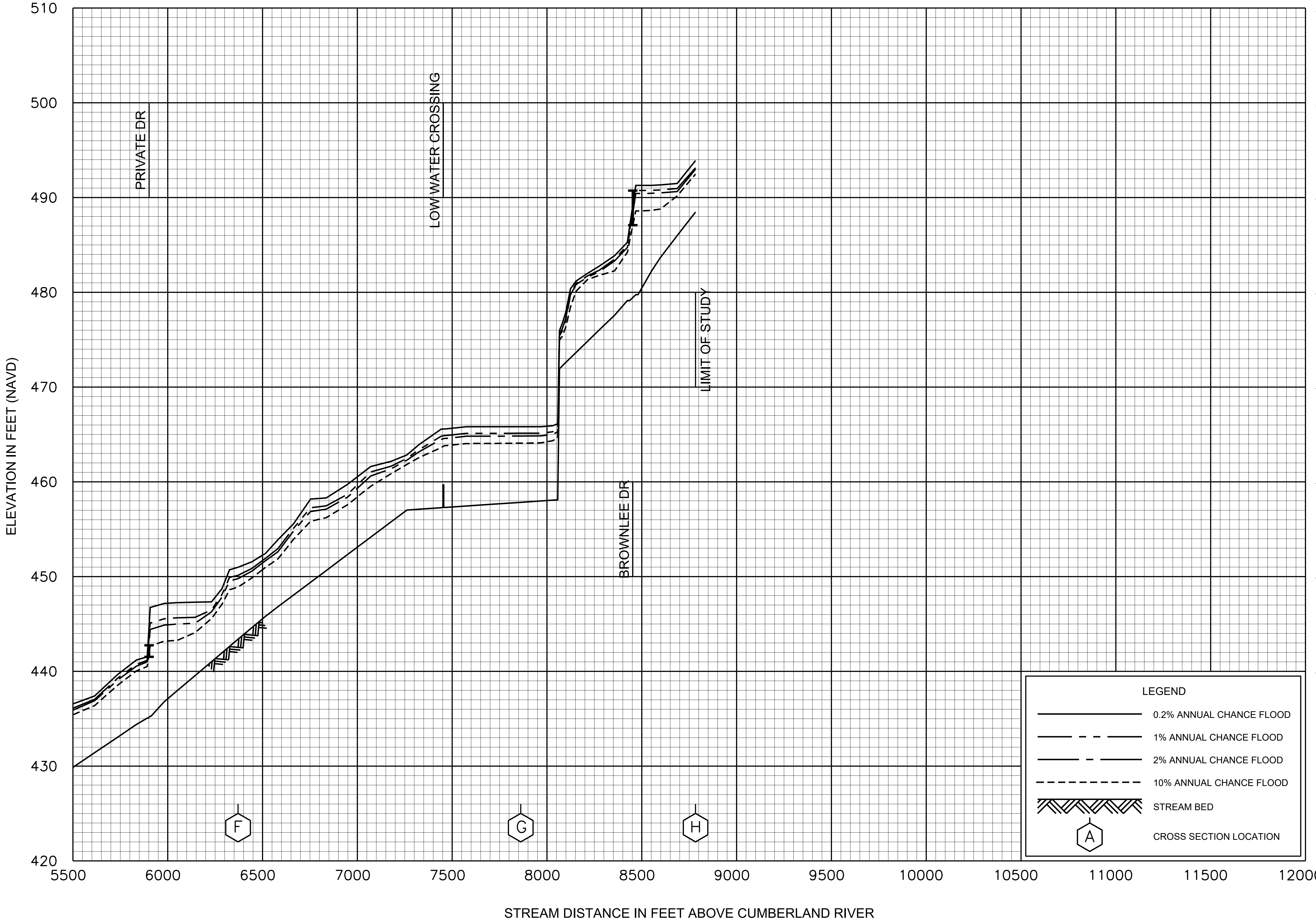


FLOOD PROFILES

DAVIDSON BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

066P



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DAVIDSON BRANCH

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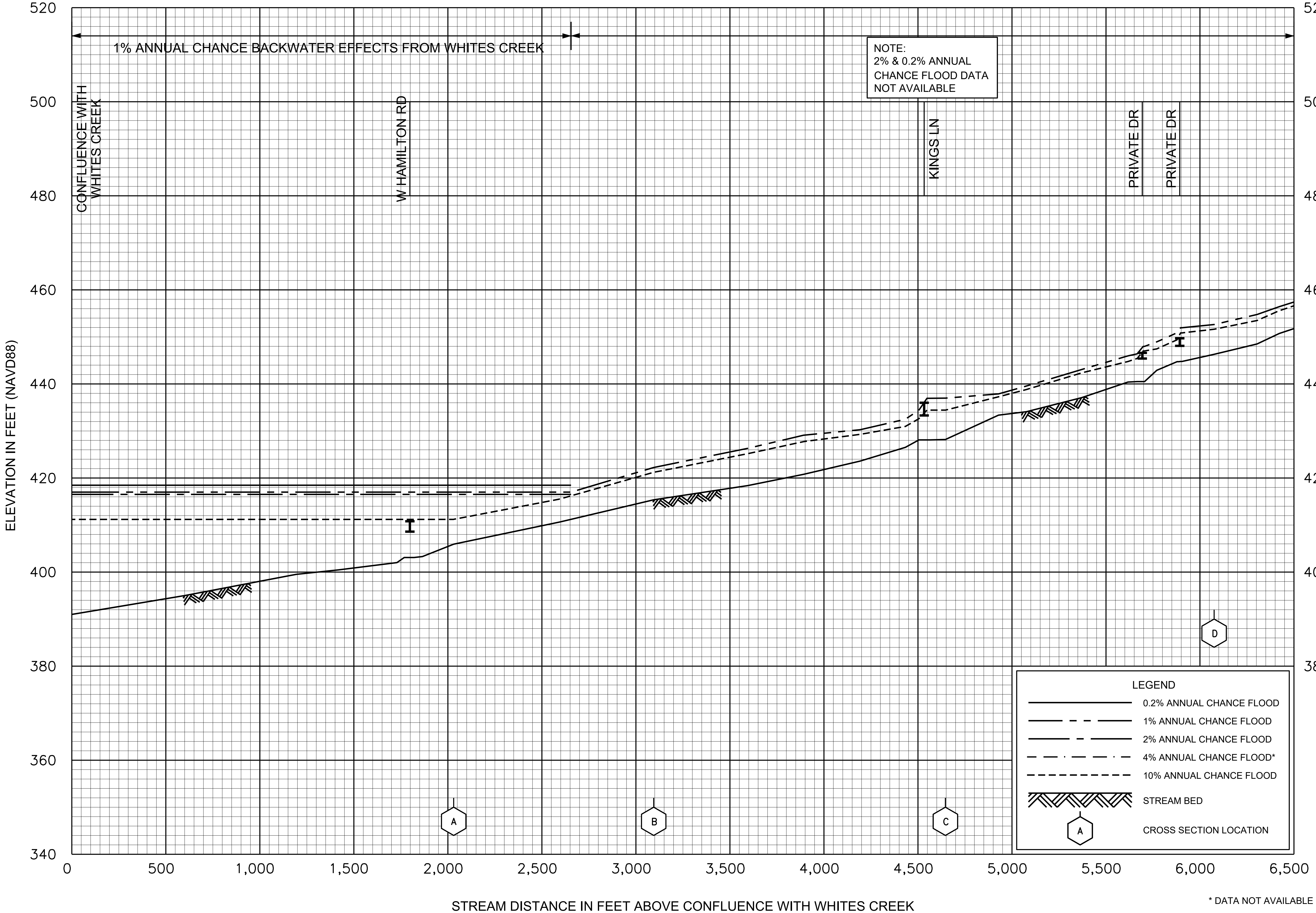
AND INCORPORATED AREAS

067P



FLOOD PROFILES

DRAKE BRANCH

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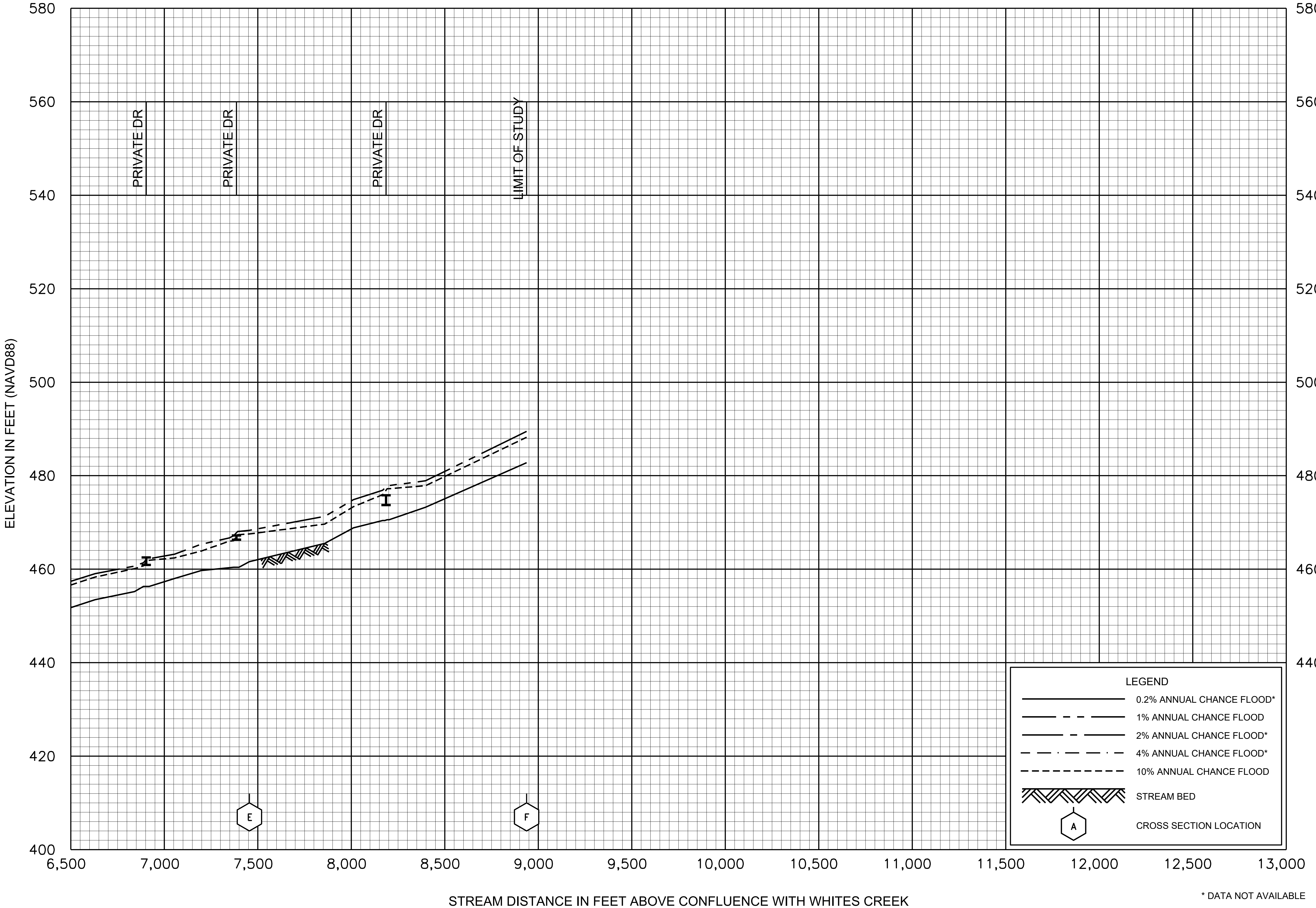
AND INCORPORATED AREAS



* DATA NOT AVAILABLE

FLOOD PROFILES

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FEDERAL EMERGENCY MANAGEMENT AGENCY

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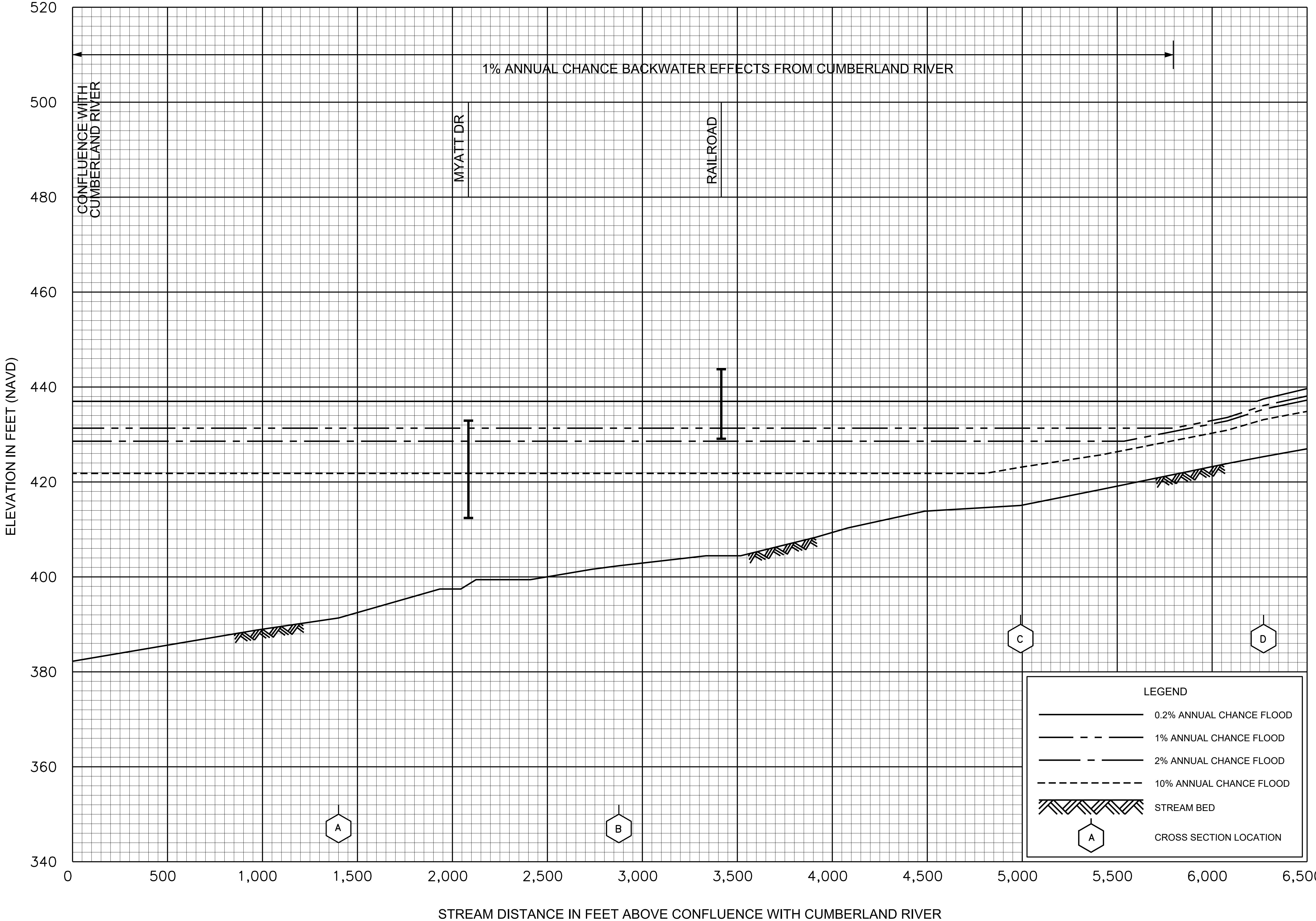


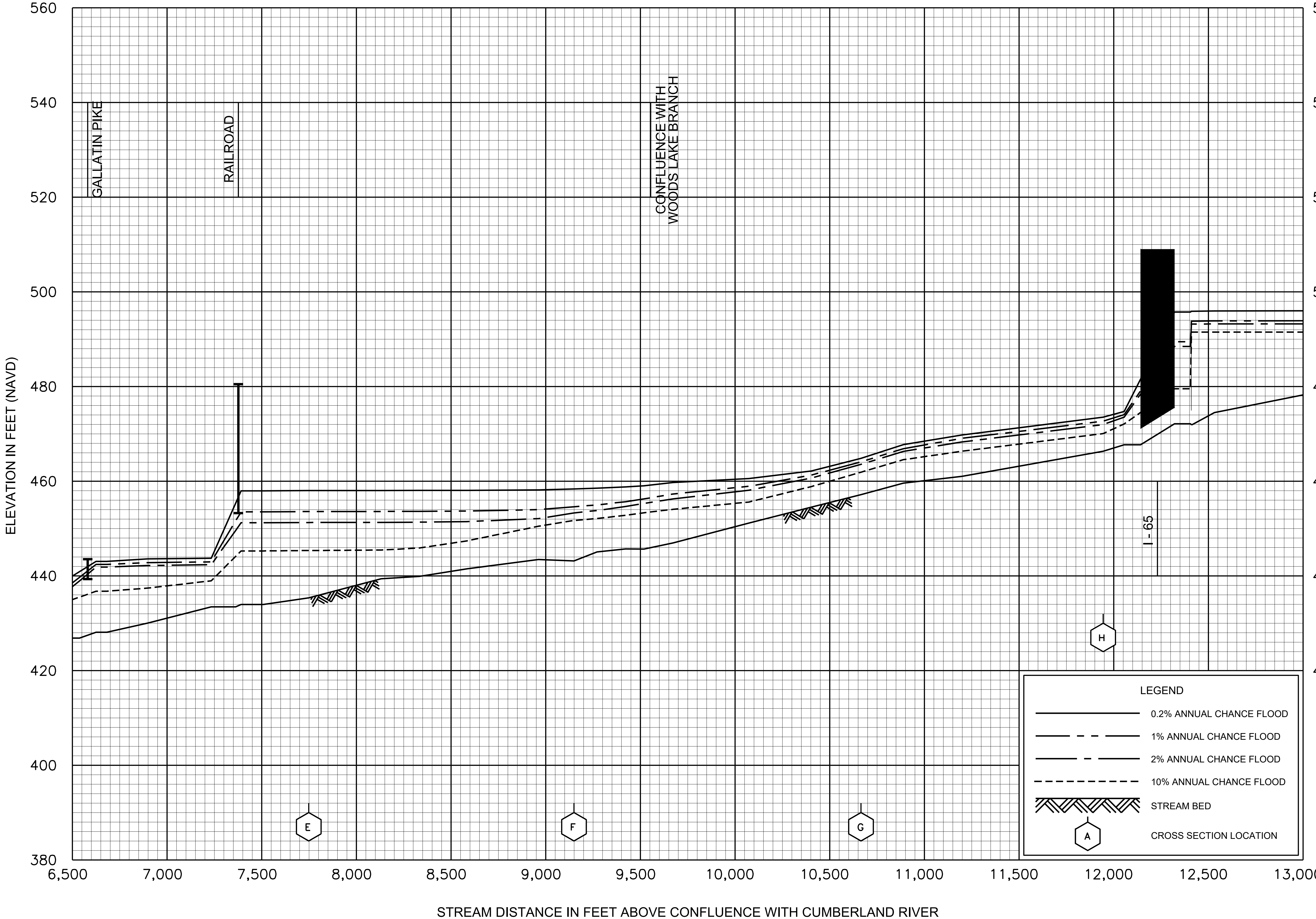
FLOOD PROFILES

DRY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

070P



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DRY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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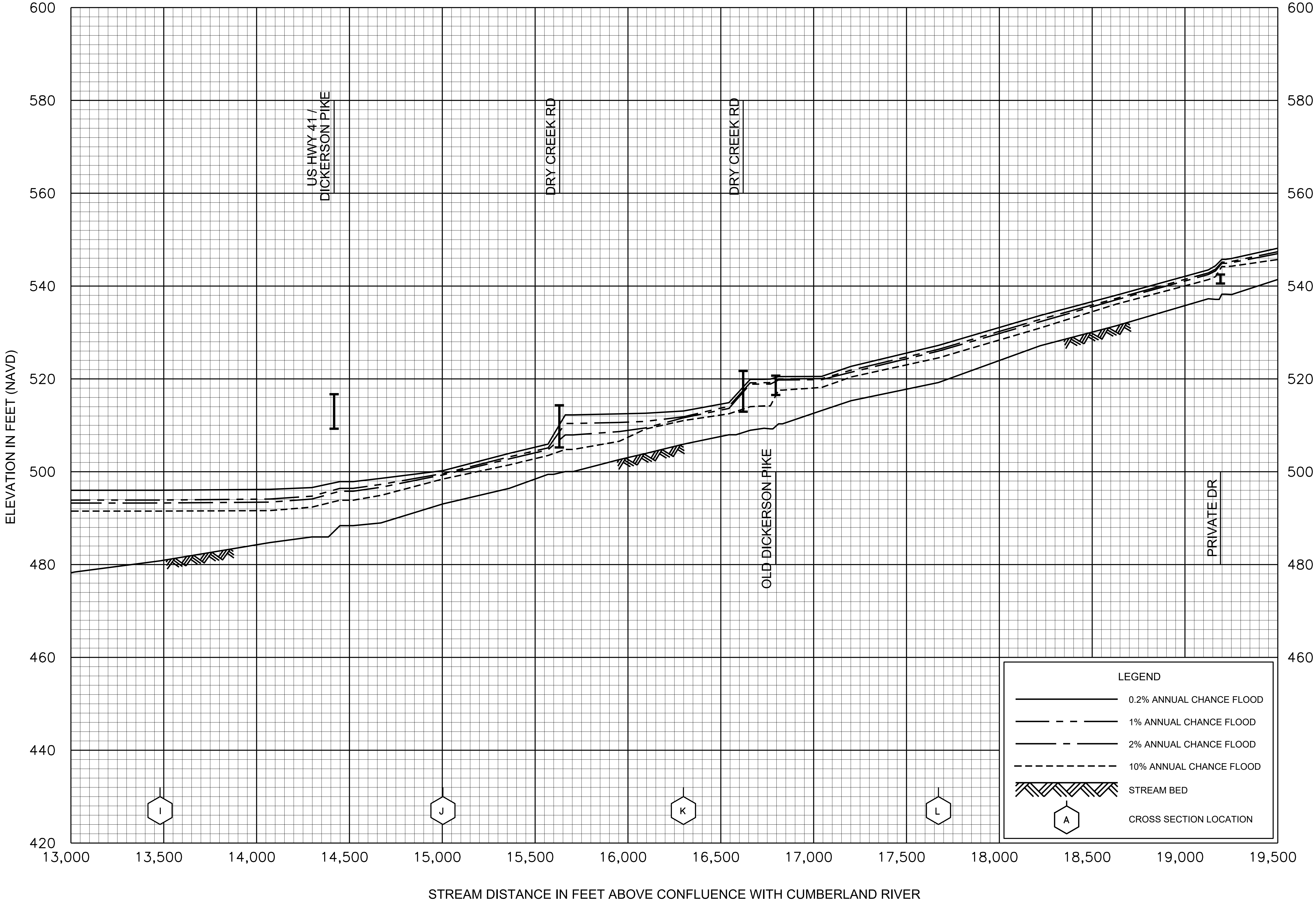

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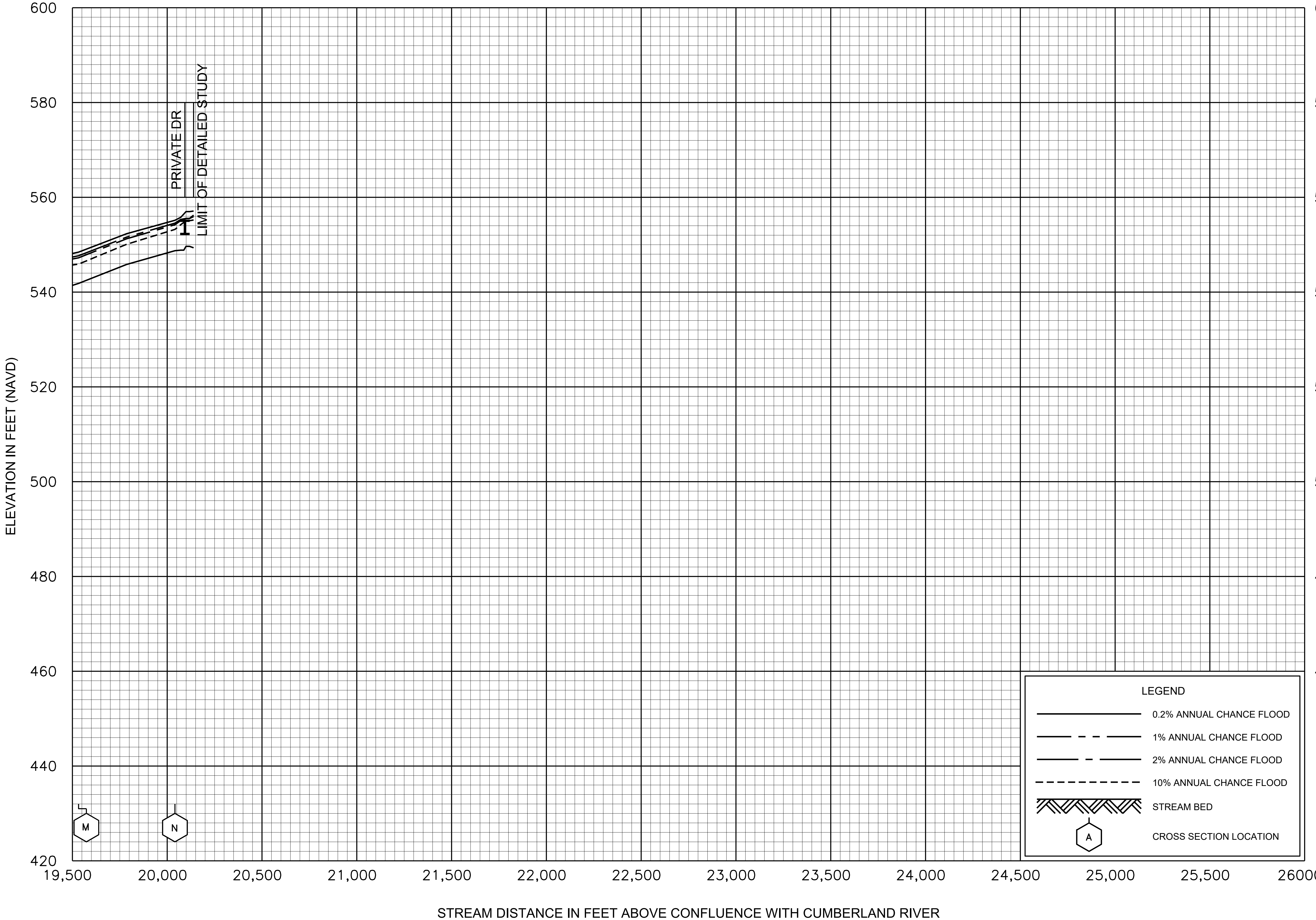

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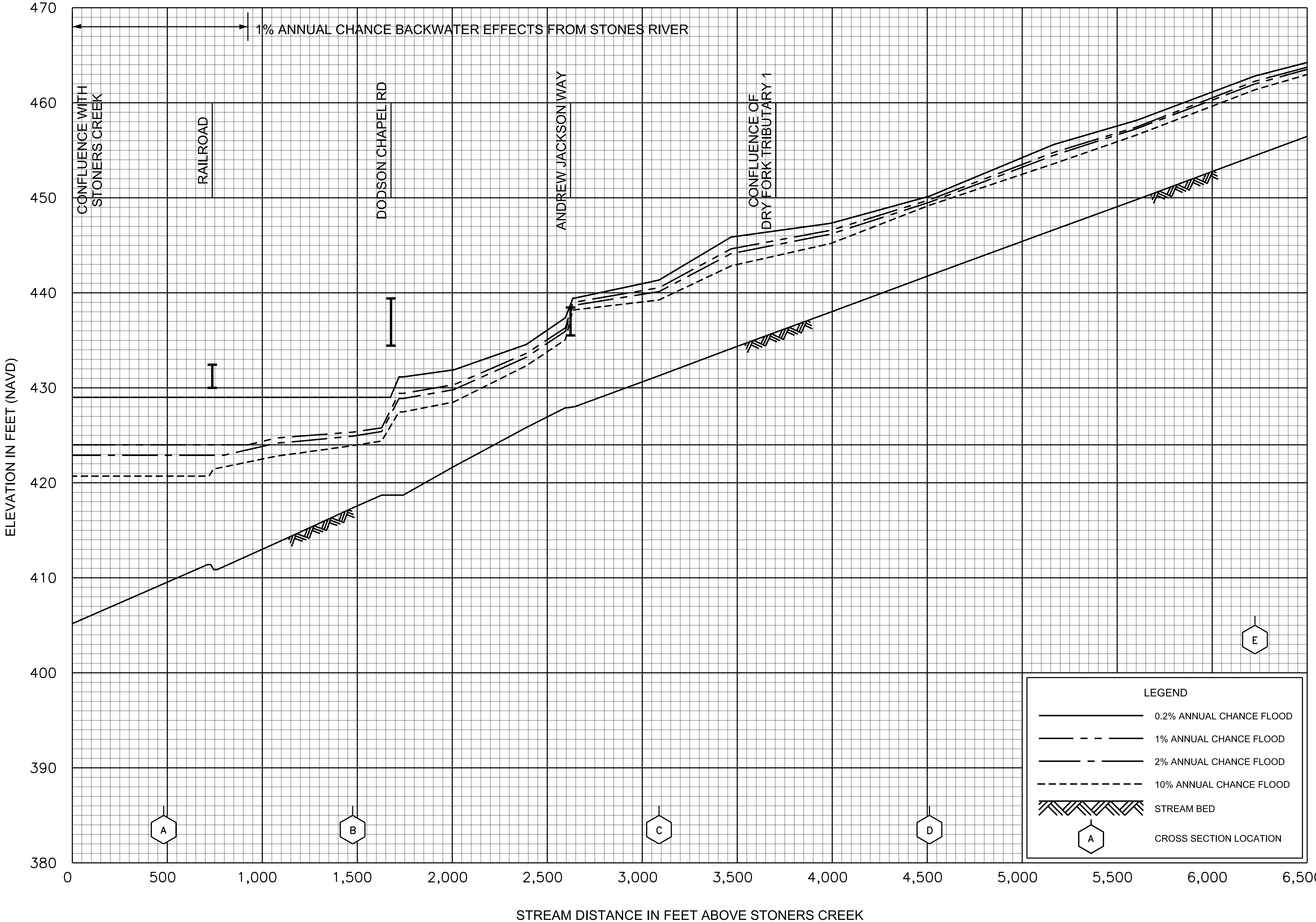

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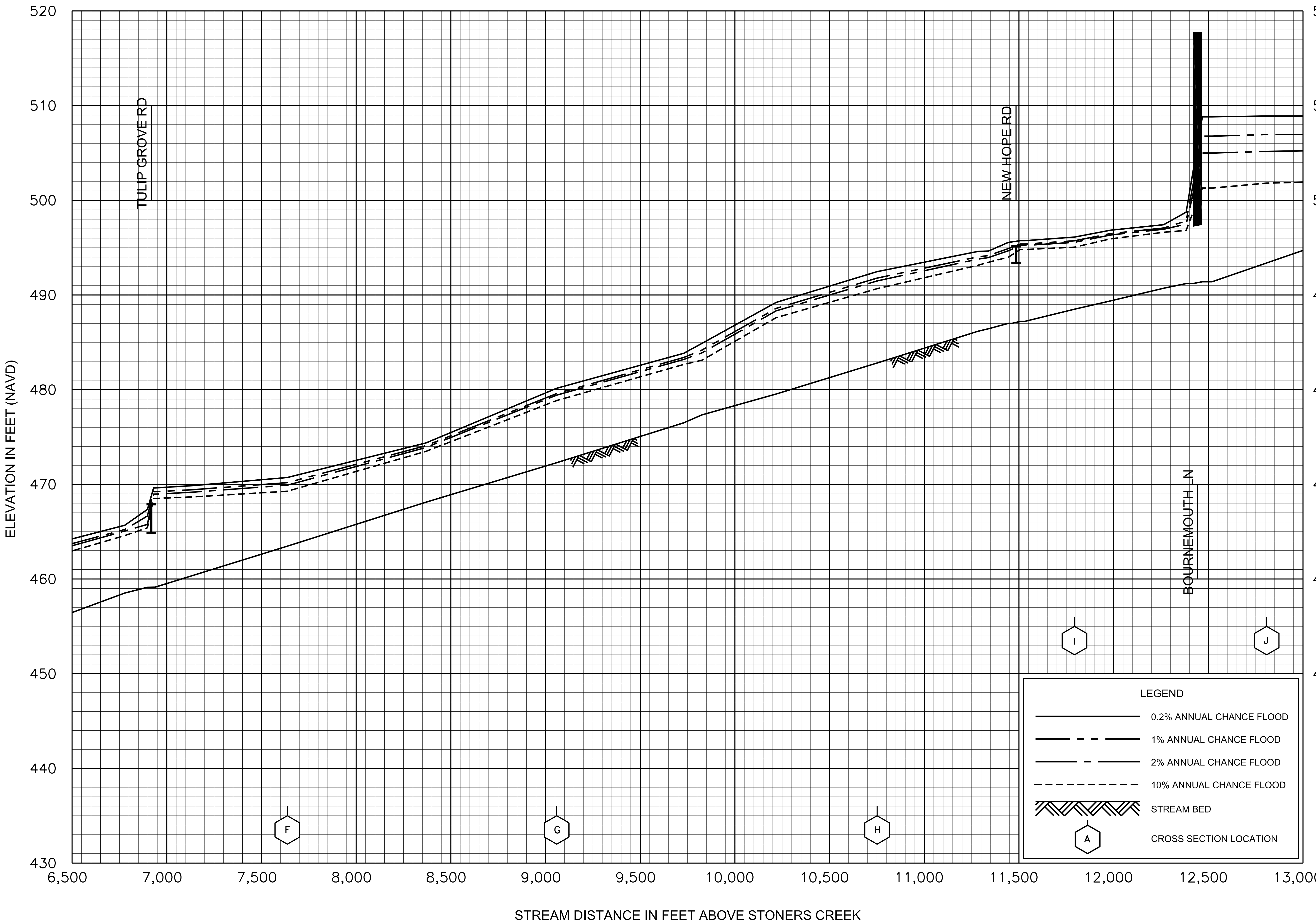

FLOOD PROFILES

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FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

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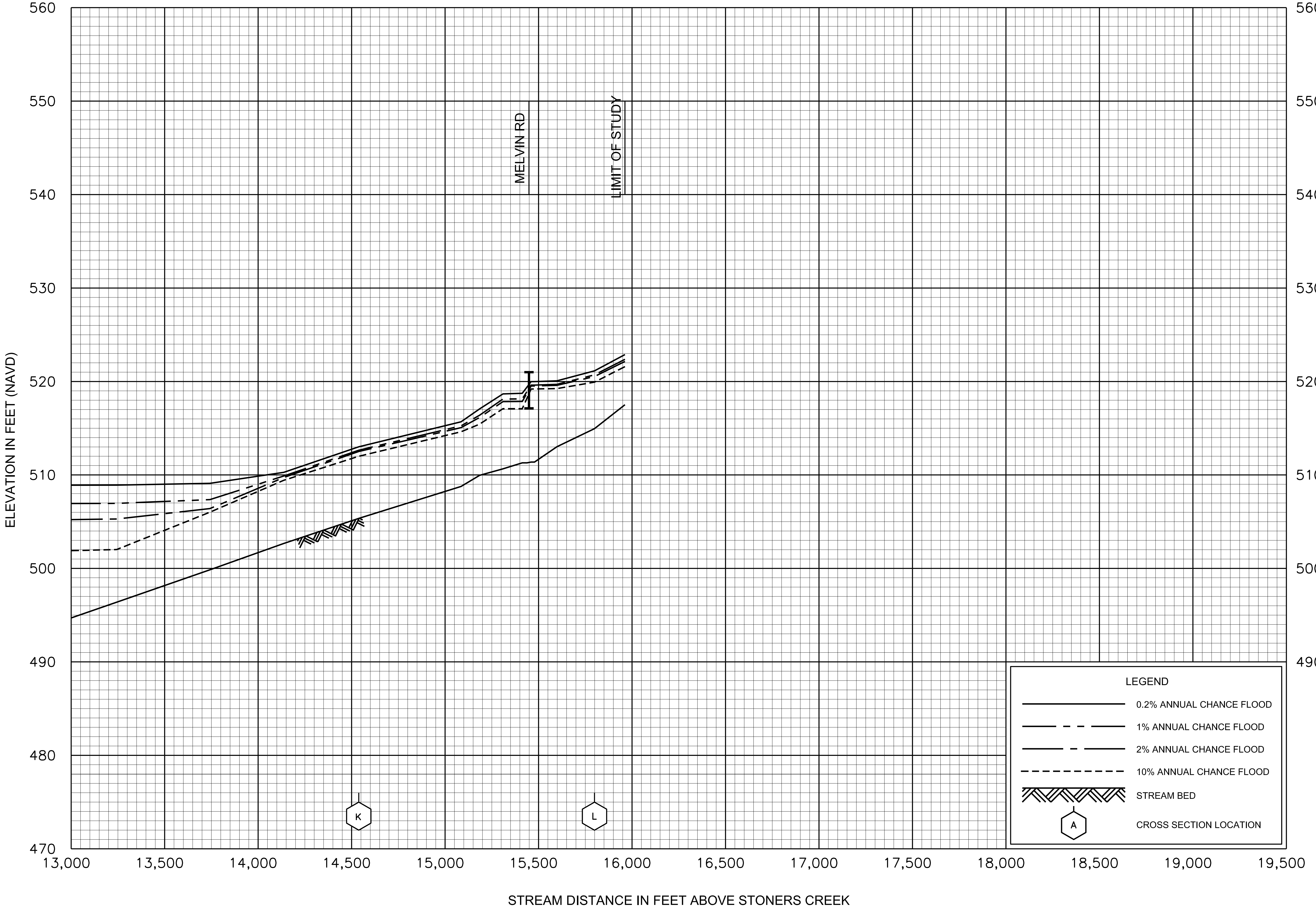

FLOOD PROFILES

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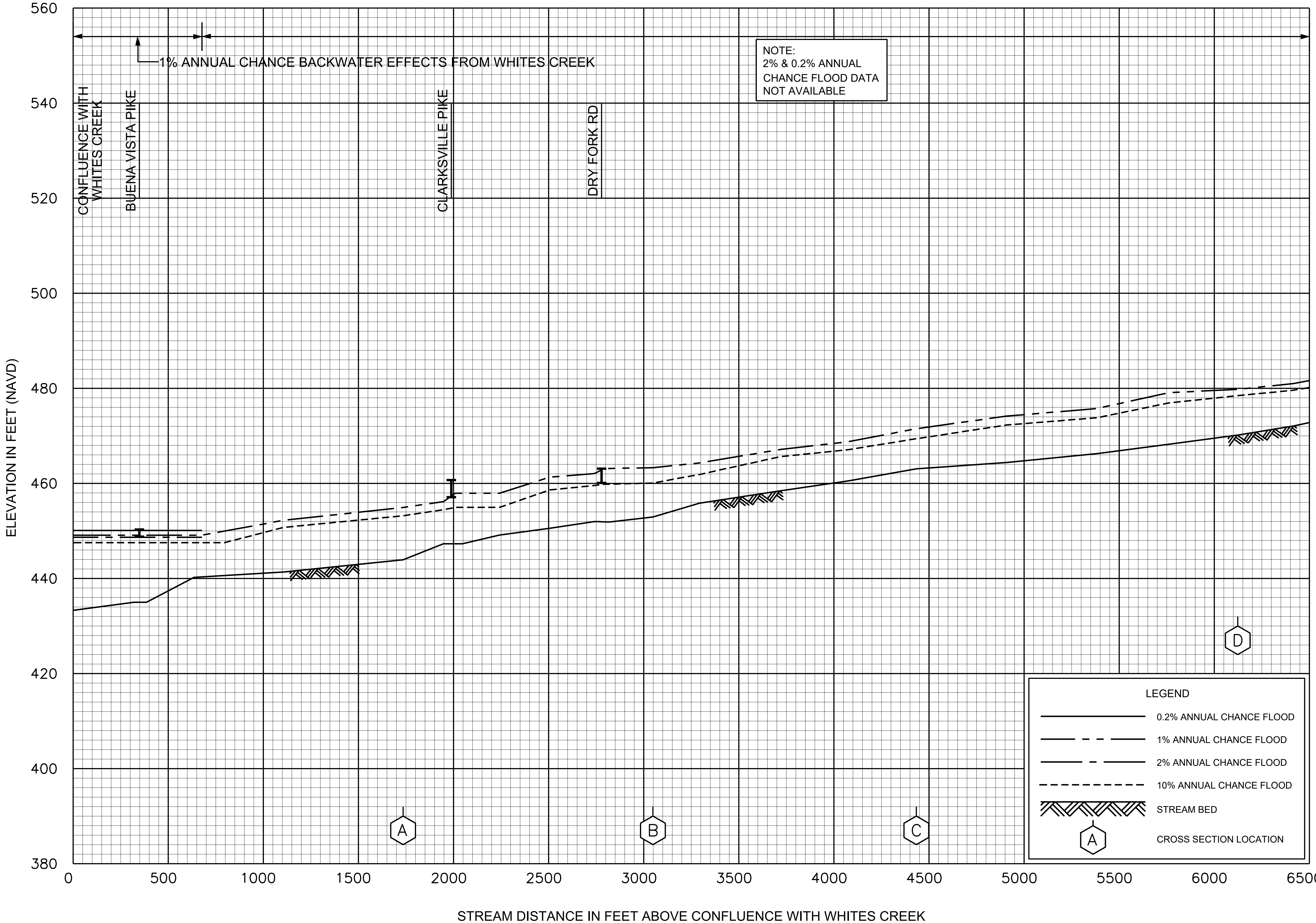
FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

076P

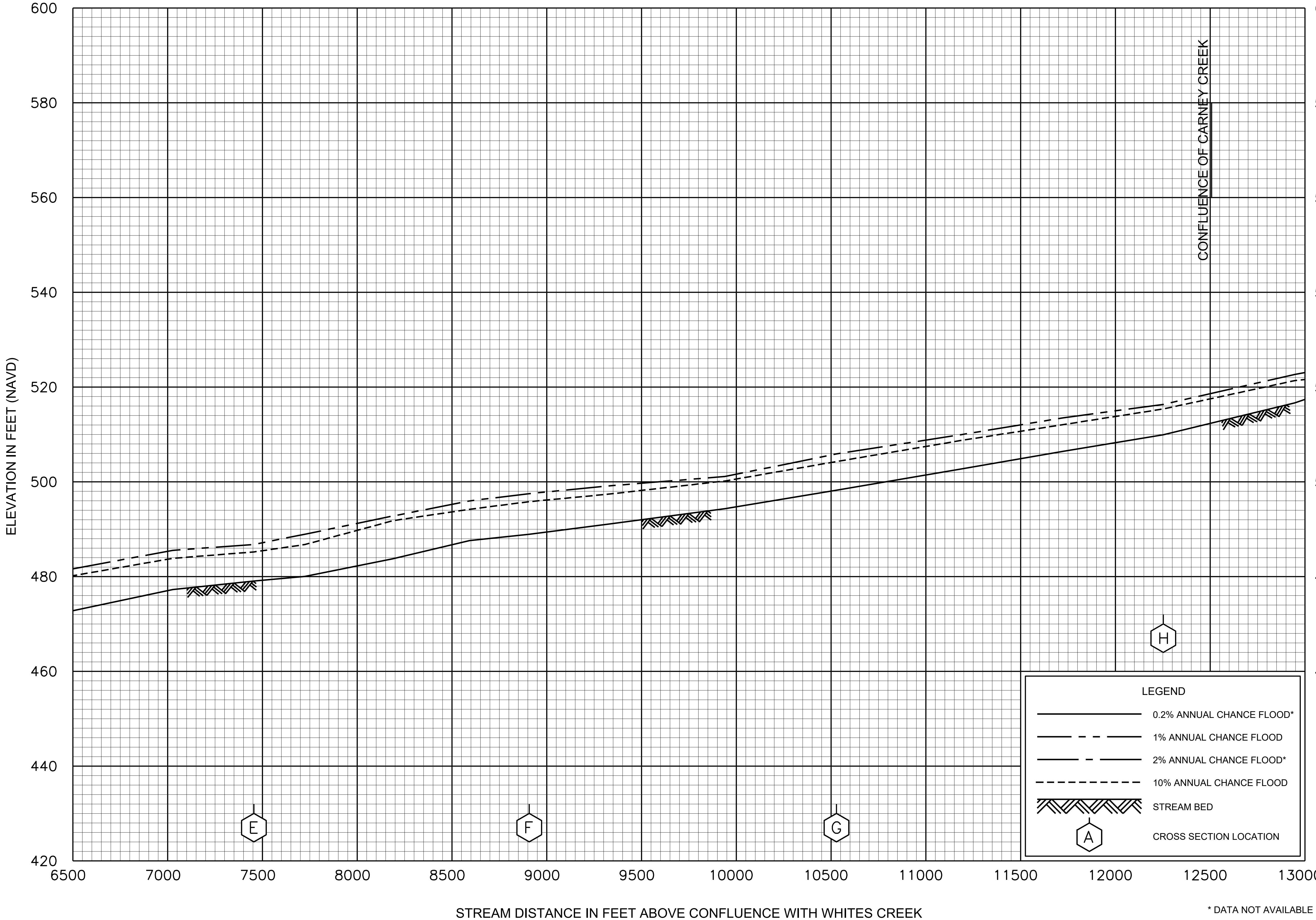


FLOOD PROFILES

DRY FORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

077P



FLOOD PROFILES

DRY FORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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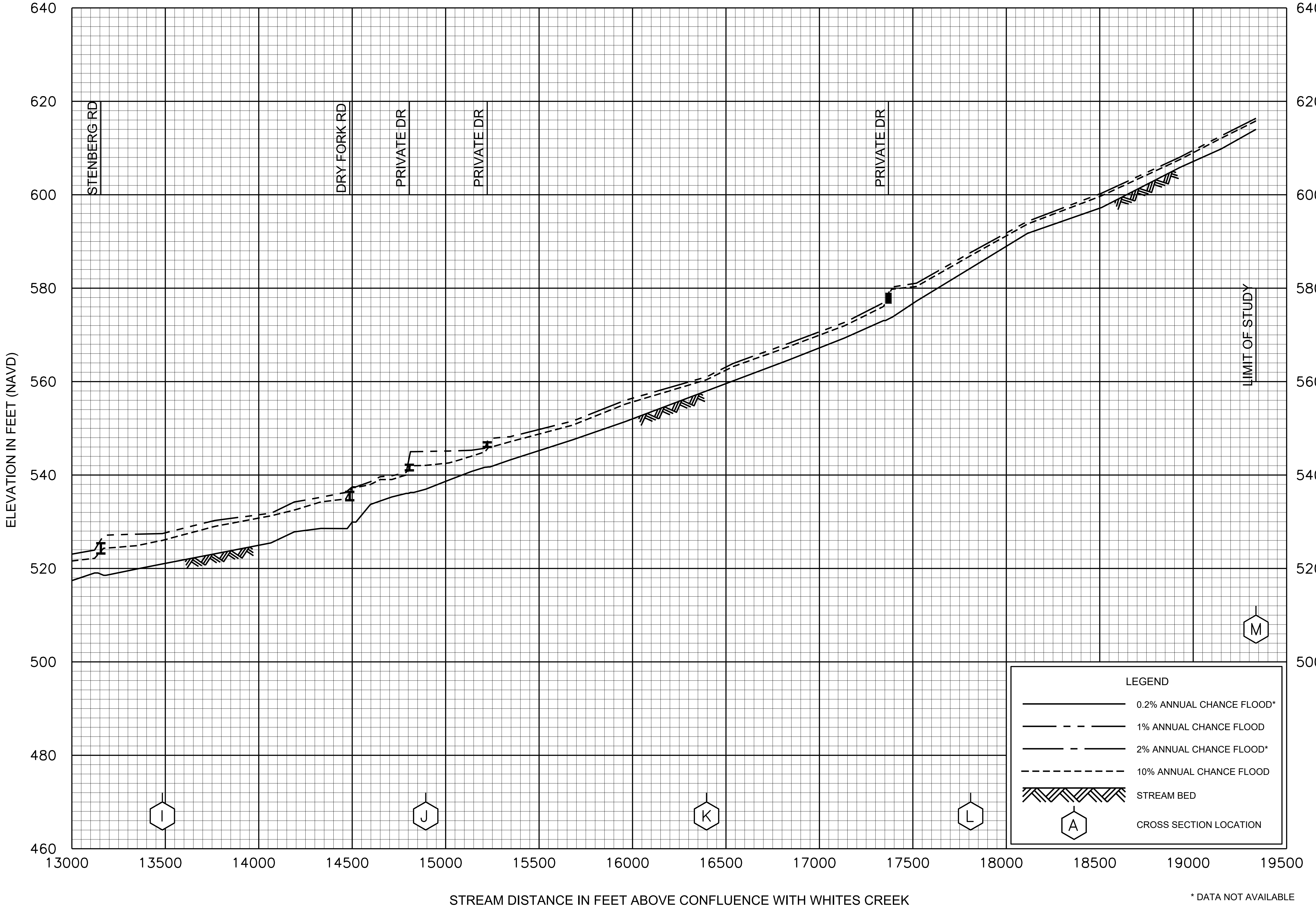


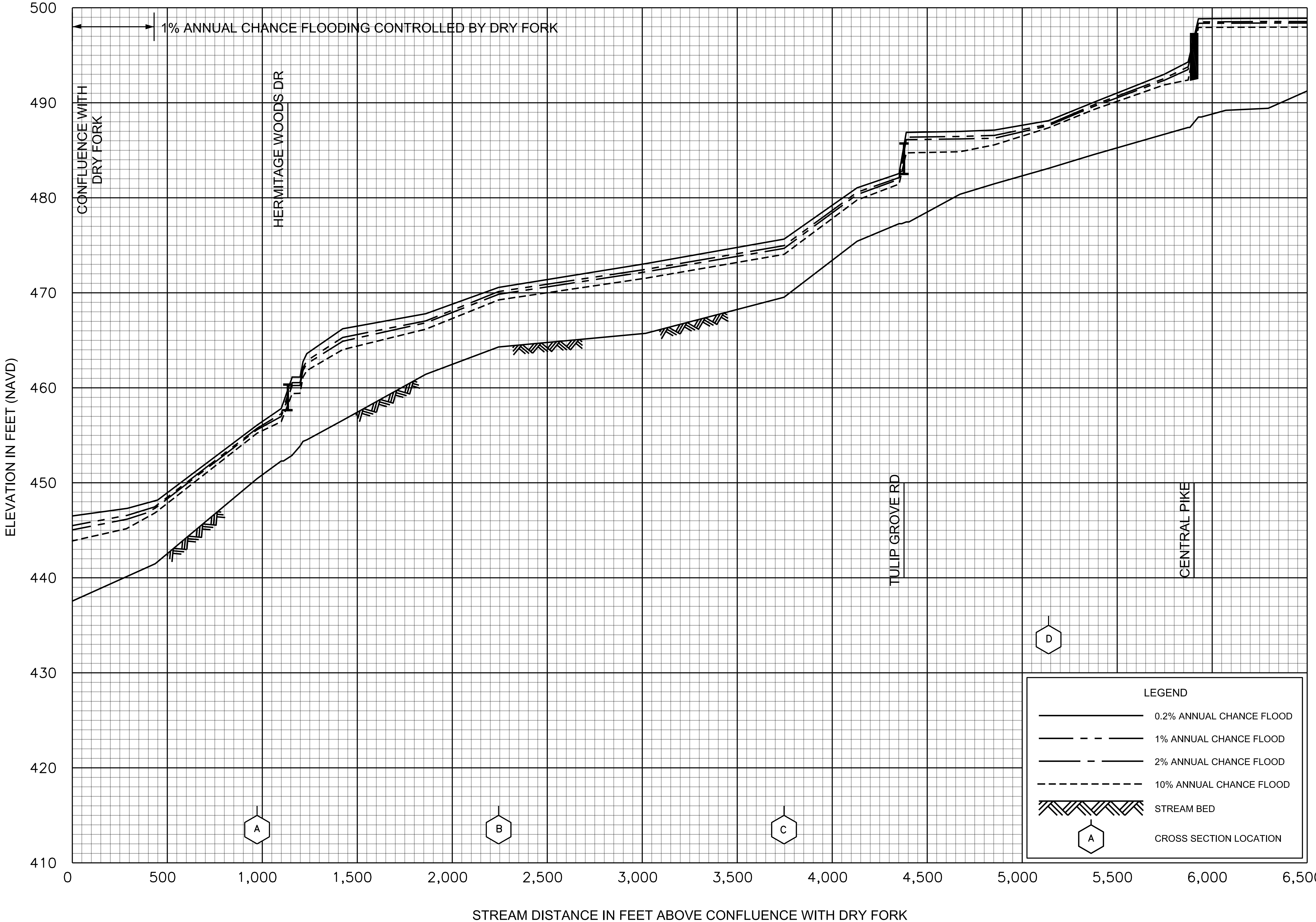
FLOOD PROFILES

DRY FORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

079P



FLOOD PROFILES

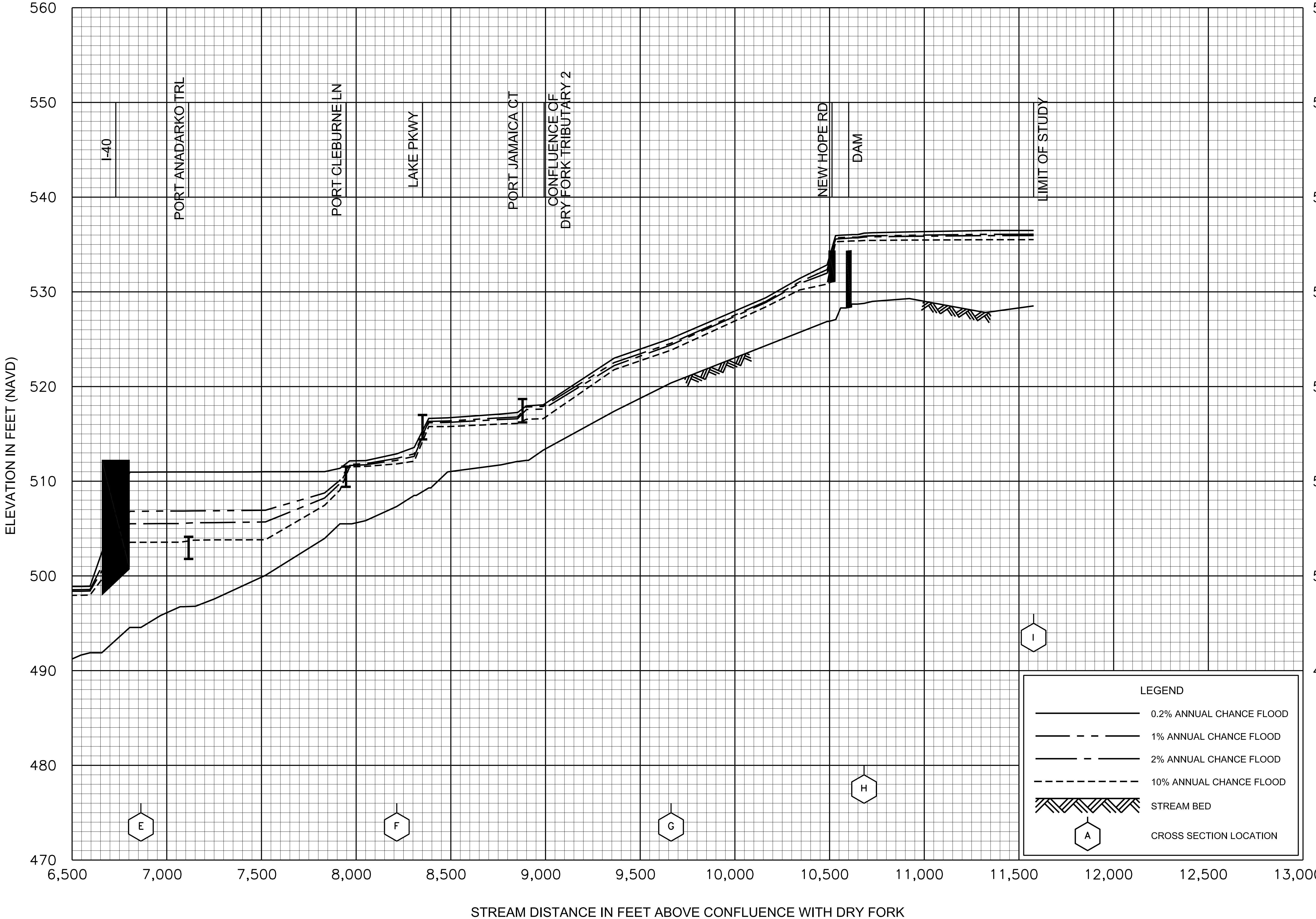
DRY FORK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

080P



FLOOD PROFILES

DRY FORK TRIBUTARY 1

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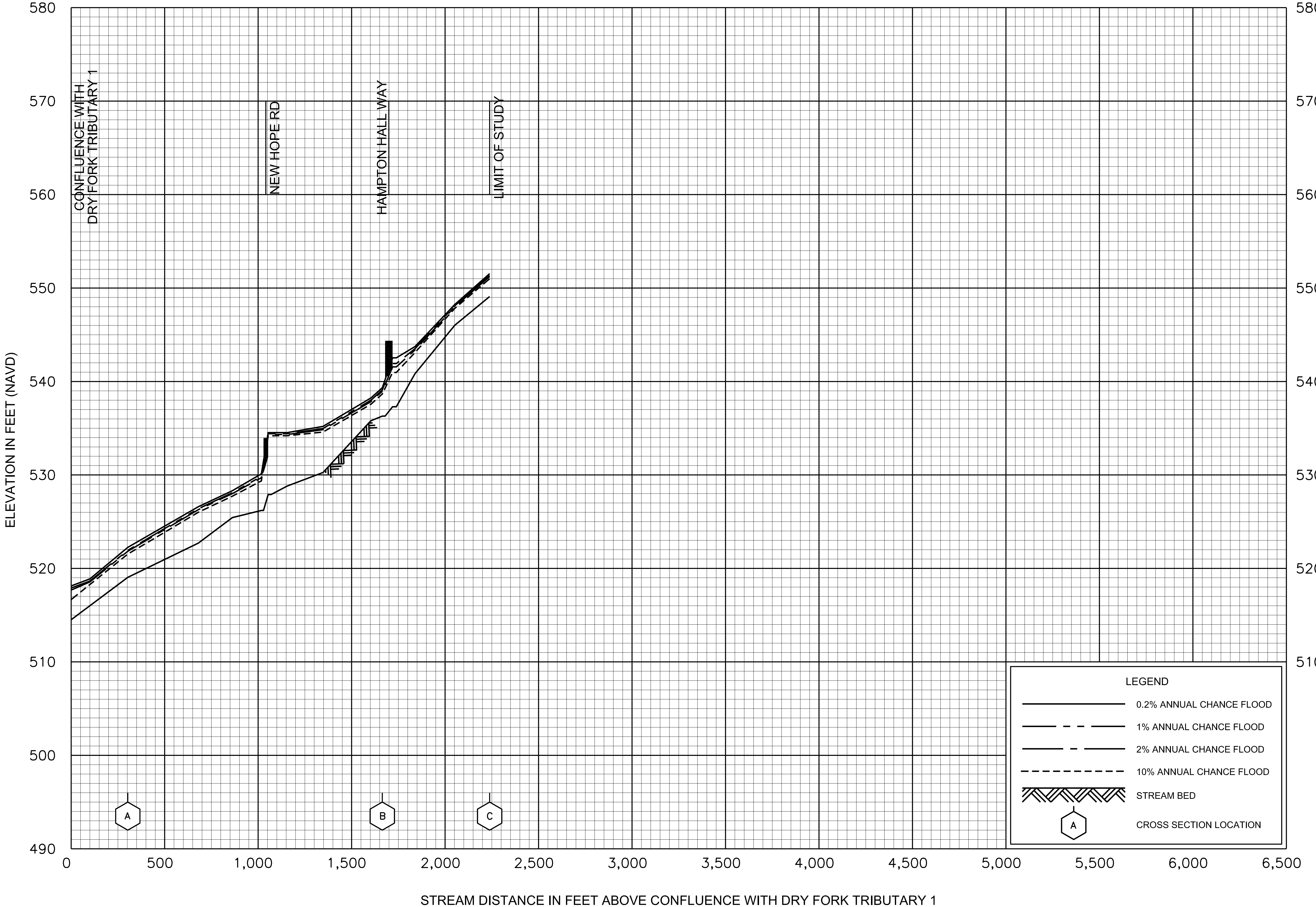
AND INCORPORATED AREAS



FLOOD PROFILES

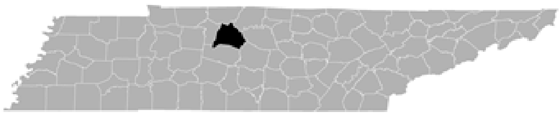
DRY FORK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 8 OF 11



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV008D
Version Number 2.6.3.0

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Exhibit 1

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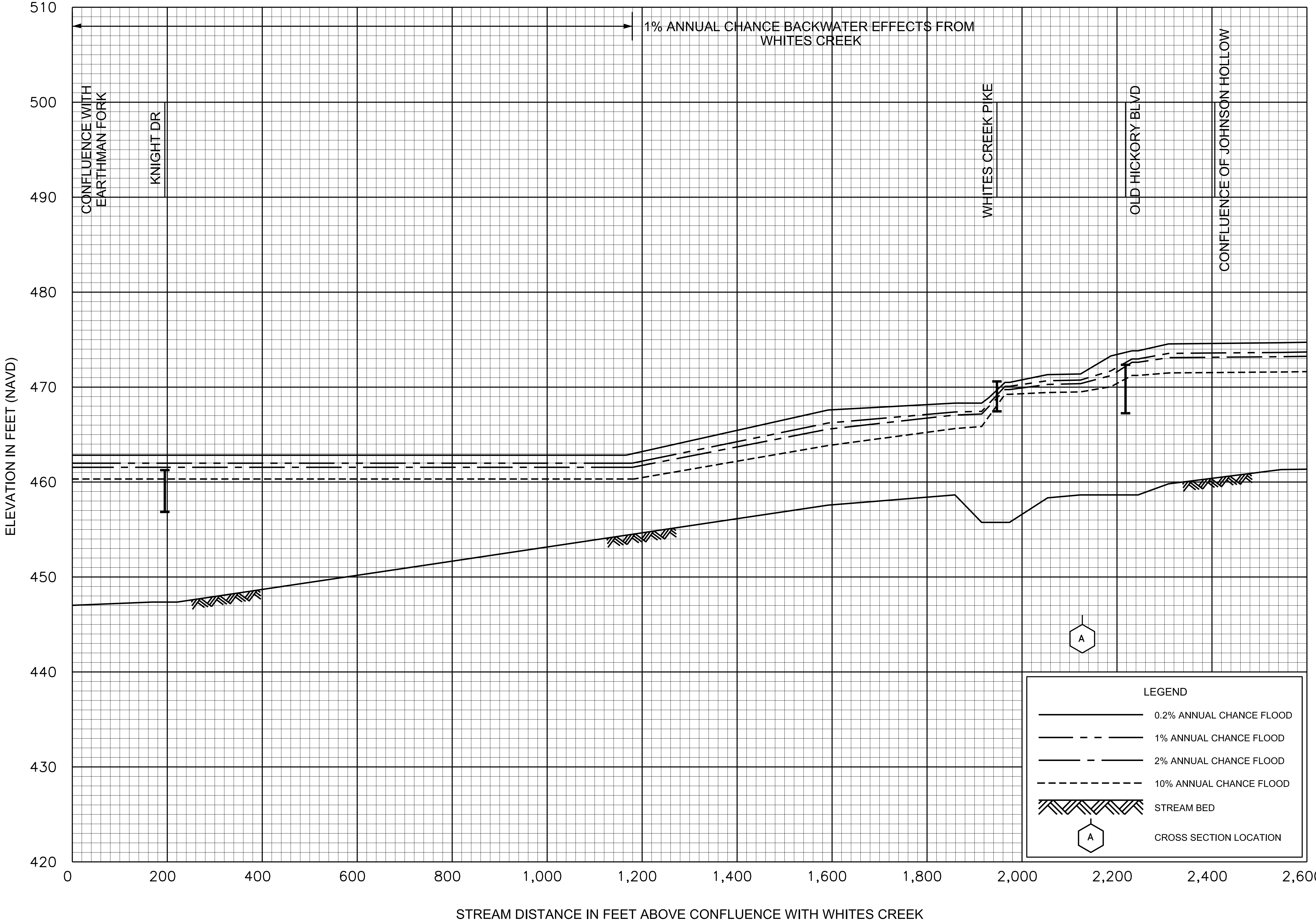
Exhibit 1

Published Separately

Flood Insurance Rate Map (FIRM)

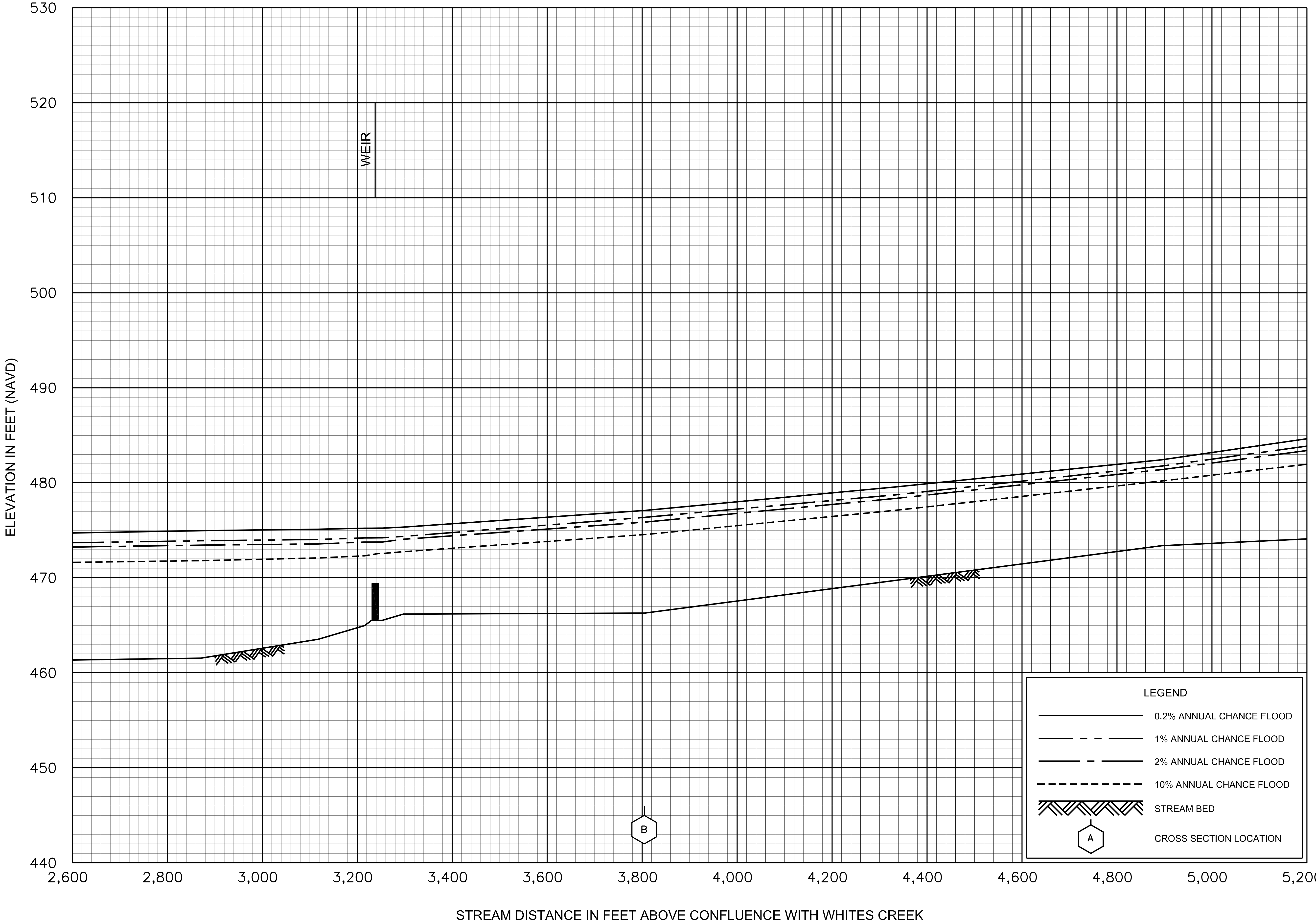


FLOOD PROFILES

EARTHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

083P



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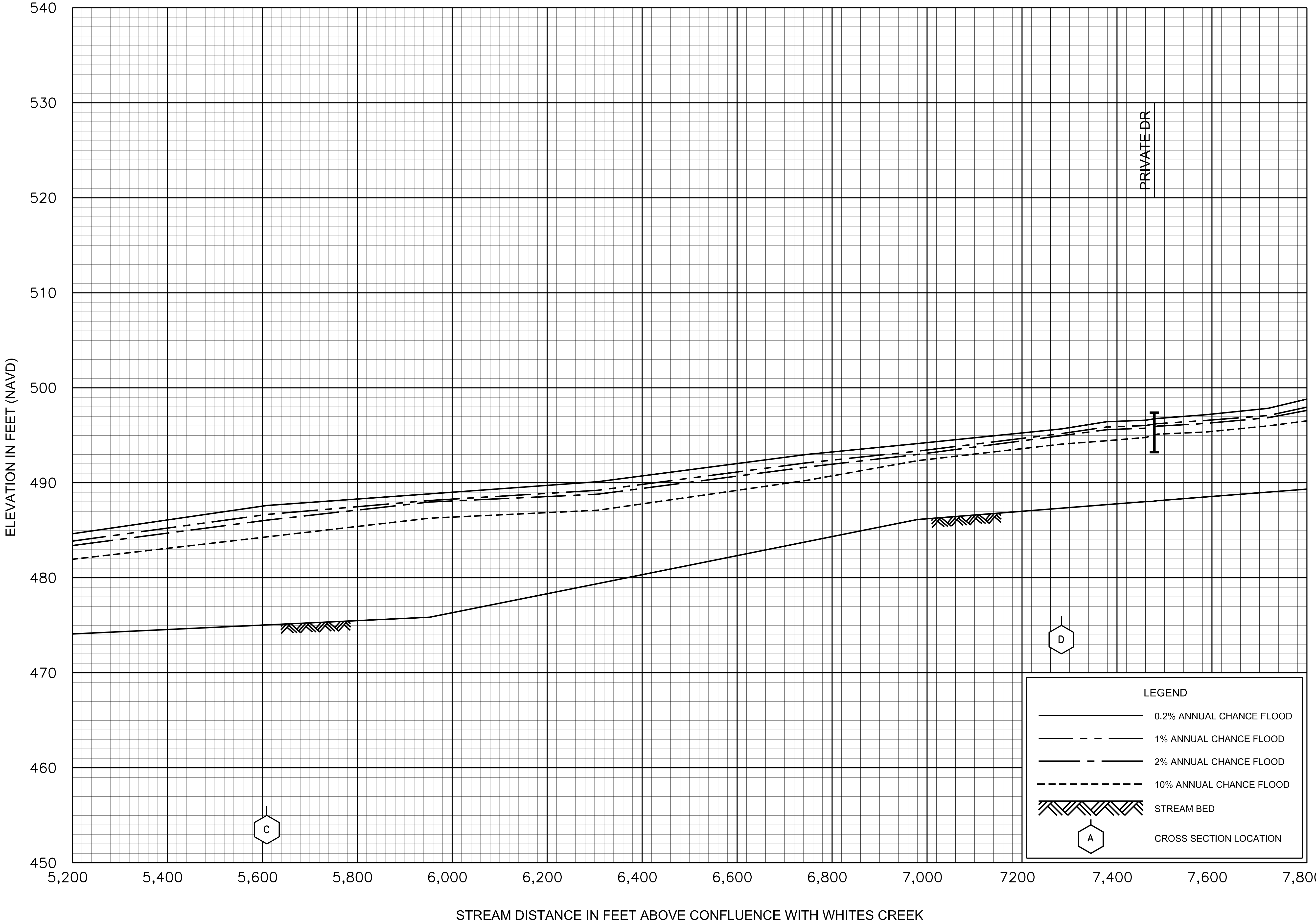
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

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FEDERAL EMERGENCY MANAGEMENT AGENCY
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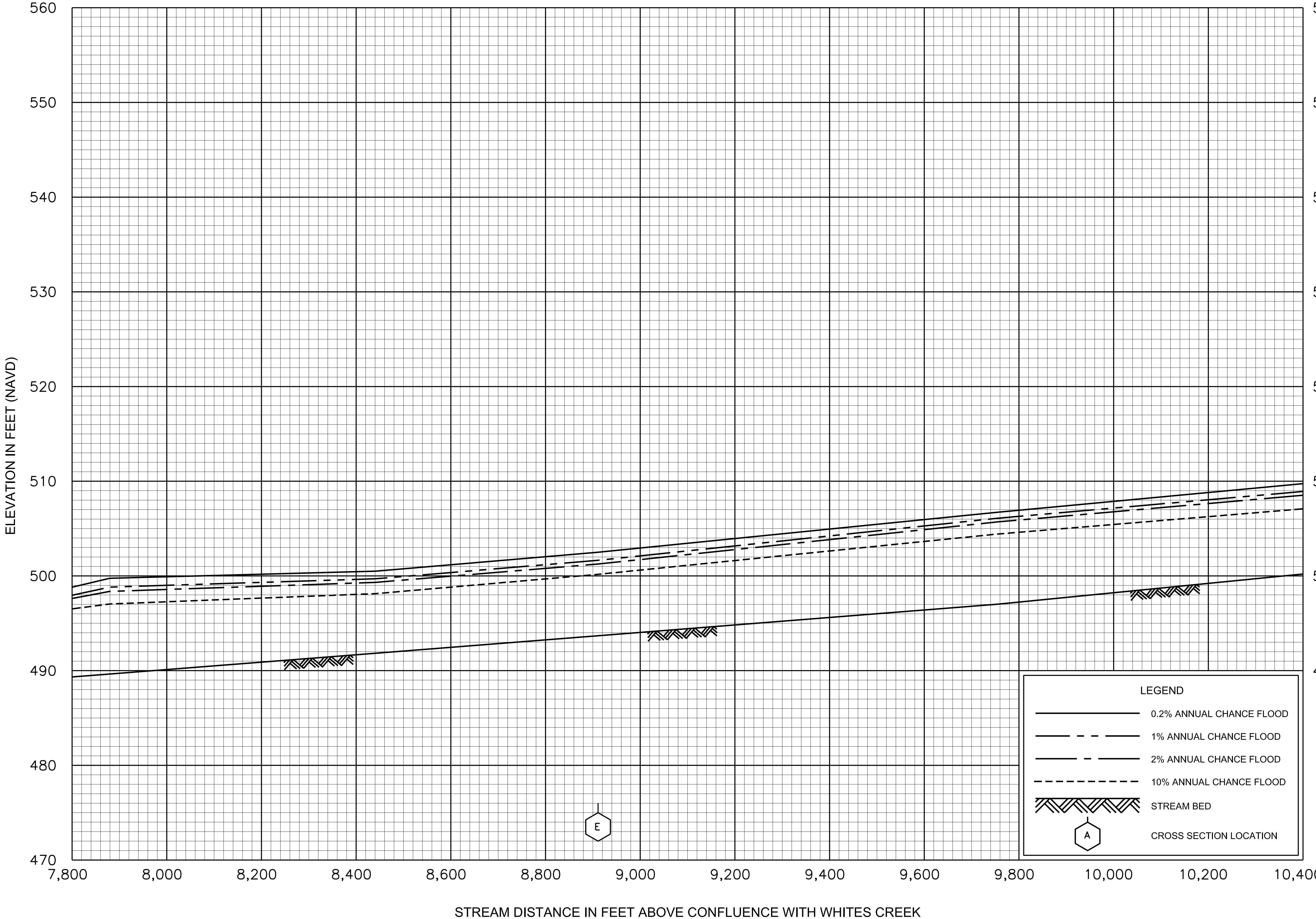
AND INCORPORATED AREAS

085P

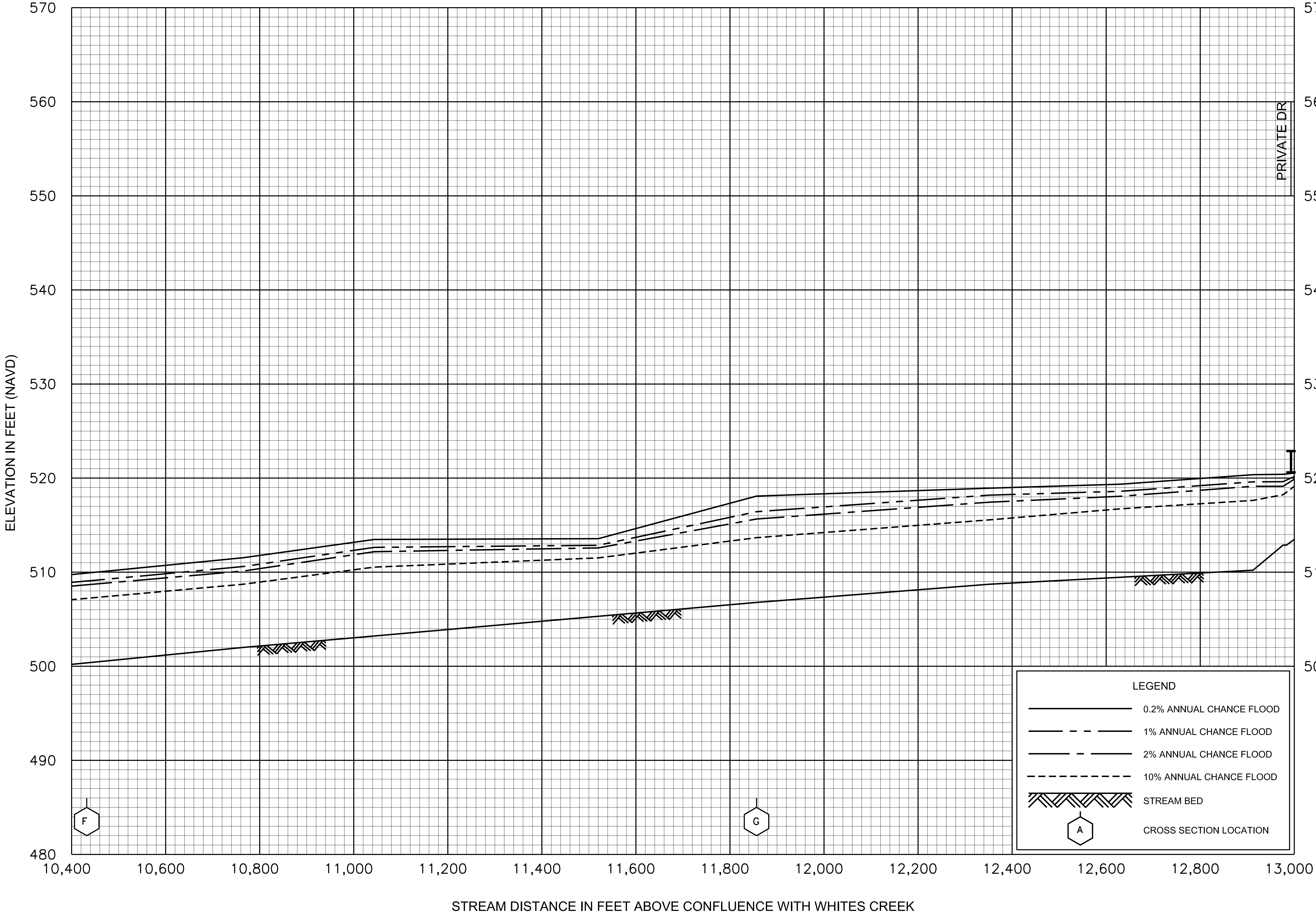


FLOOD PROFILES

EARTHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

086P



FLOOD PROFILES

EARTHMAN FORK

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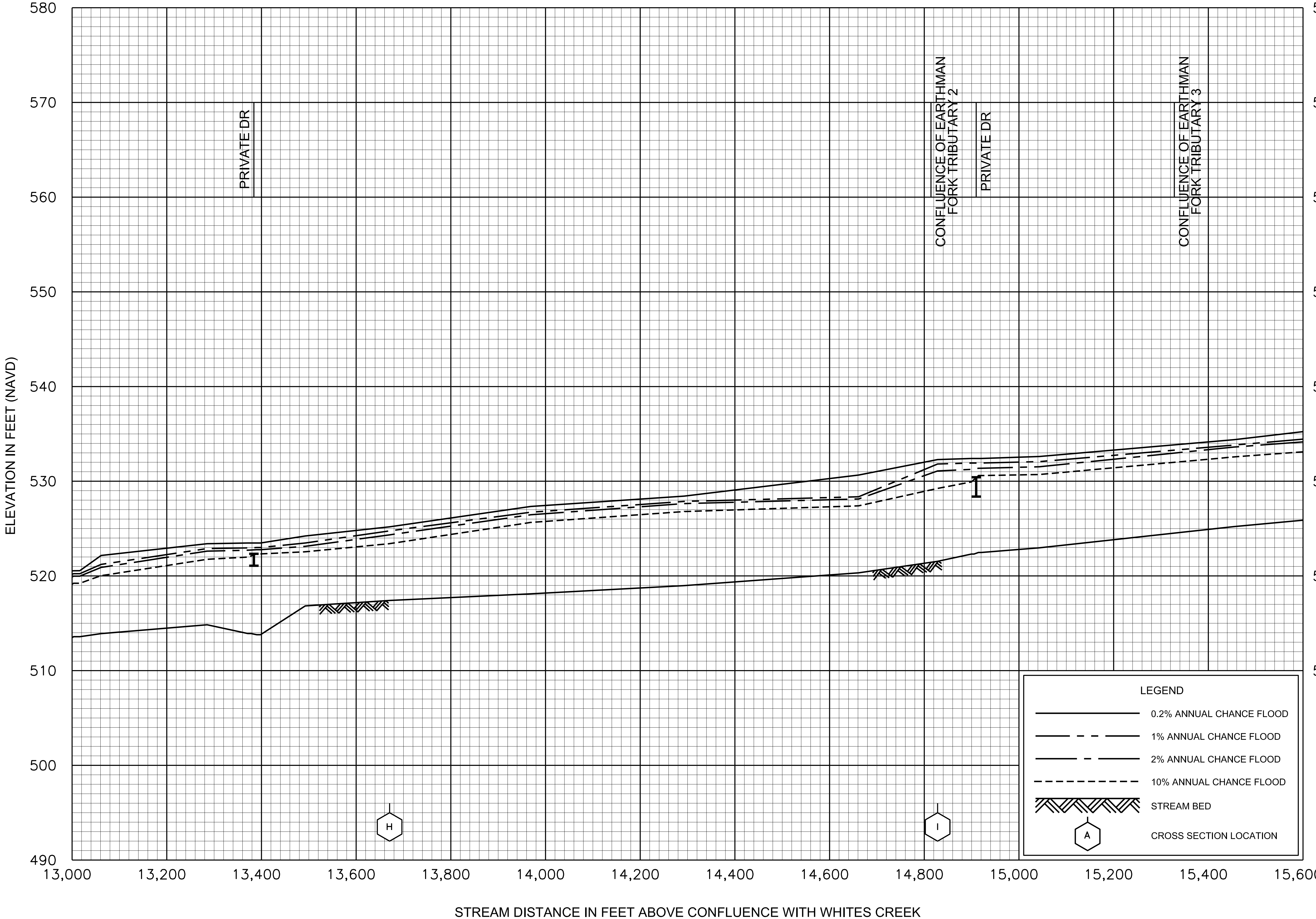
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



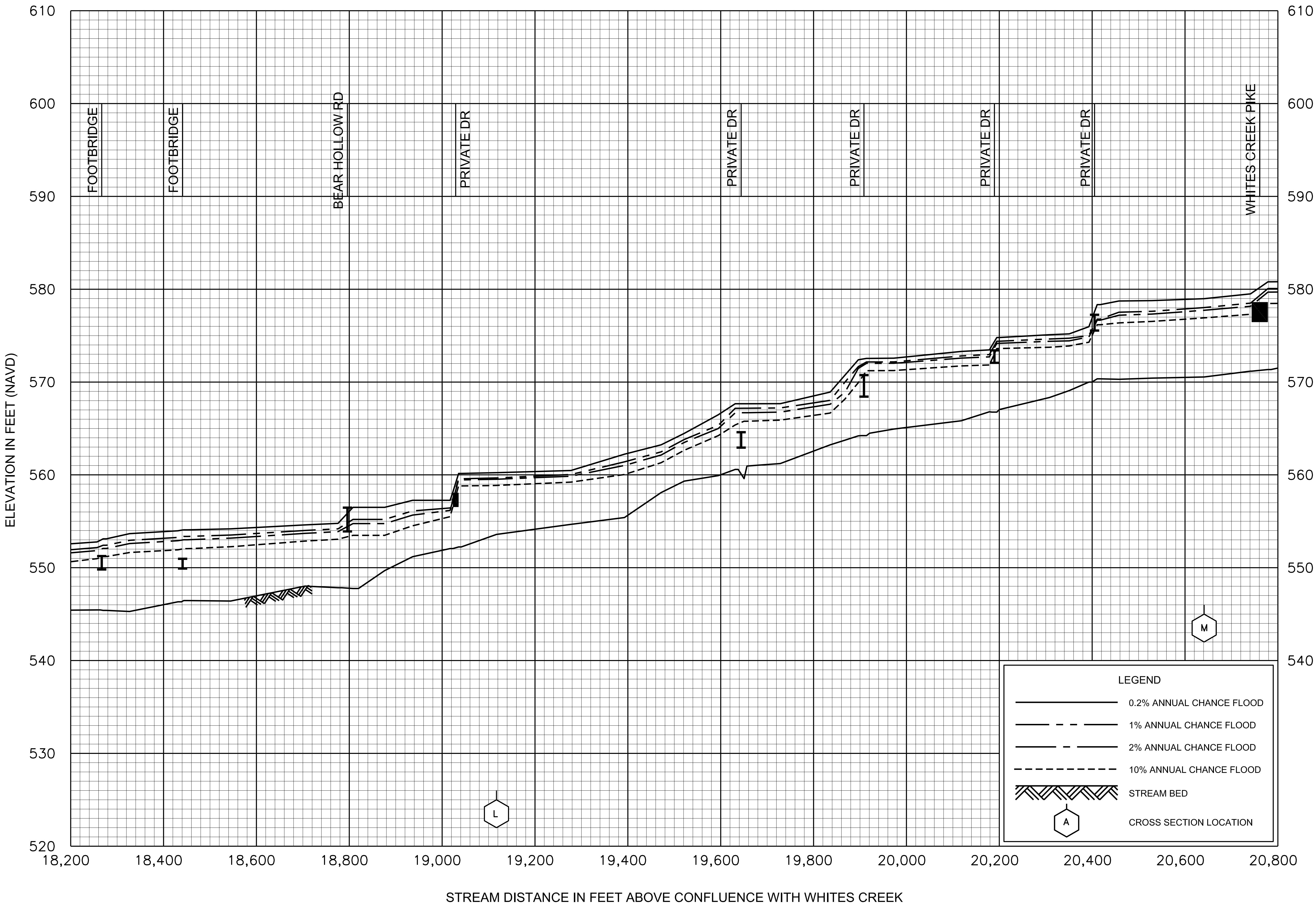
FLOOD PROFILES

EARTHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



FLOOD PROFILES

EARTHMAN FORK

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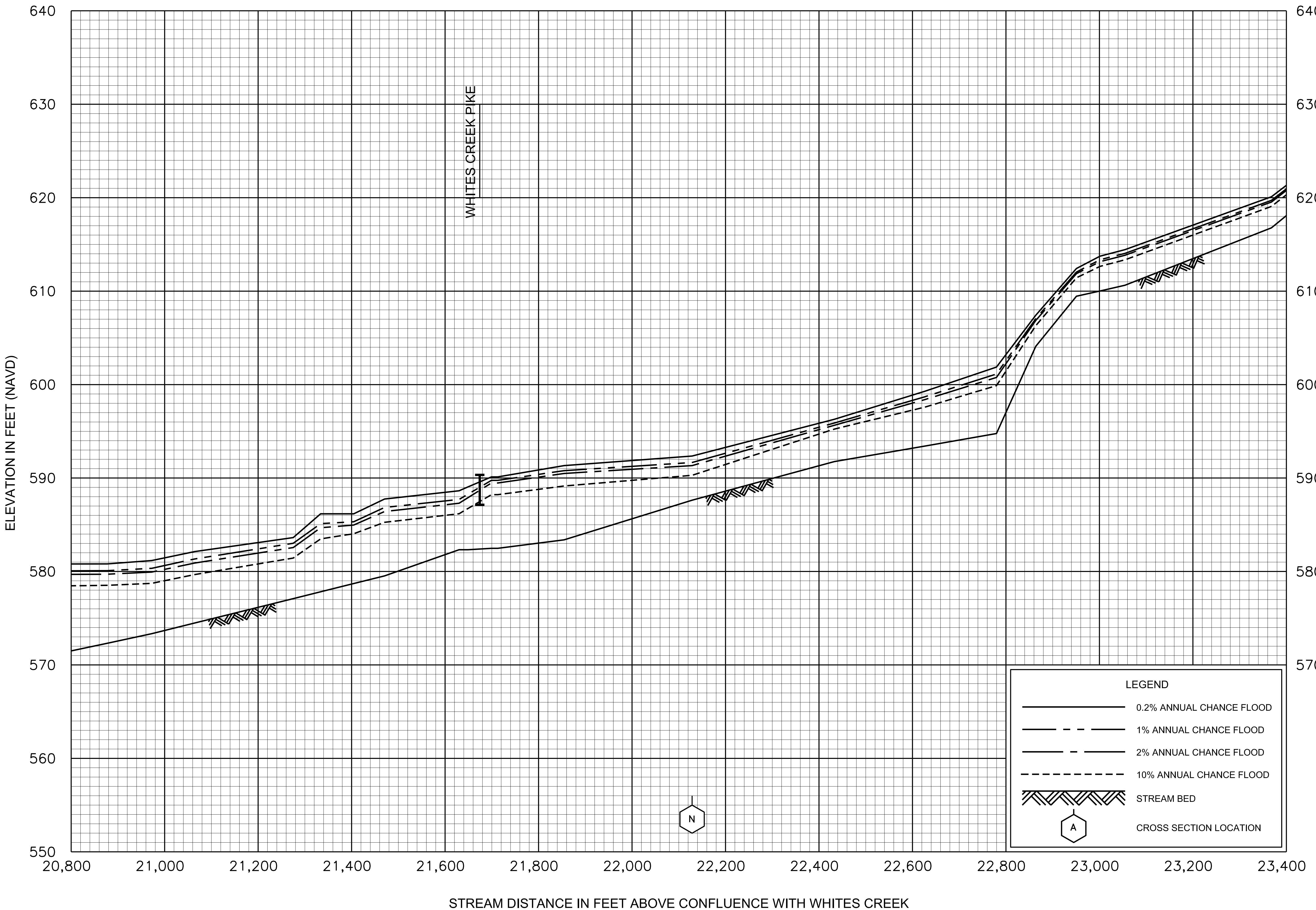
AND INCORPORATED AREAS



FLOOD PROFILES

EARTHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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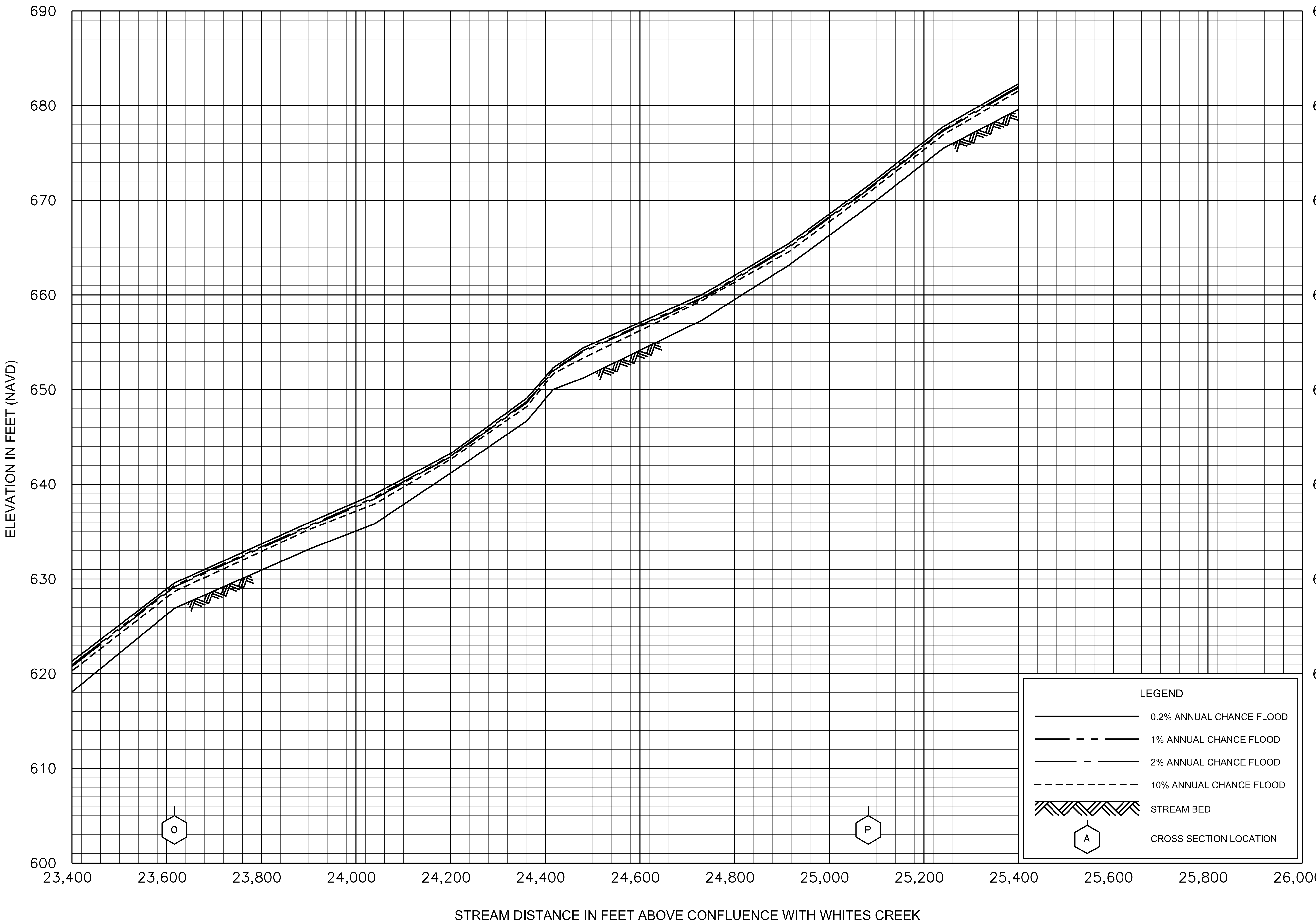
090P



FLOOD PROFILES

EARTHMAN FORK

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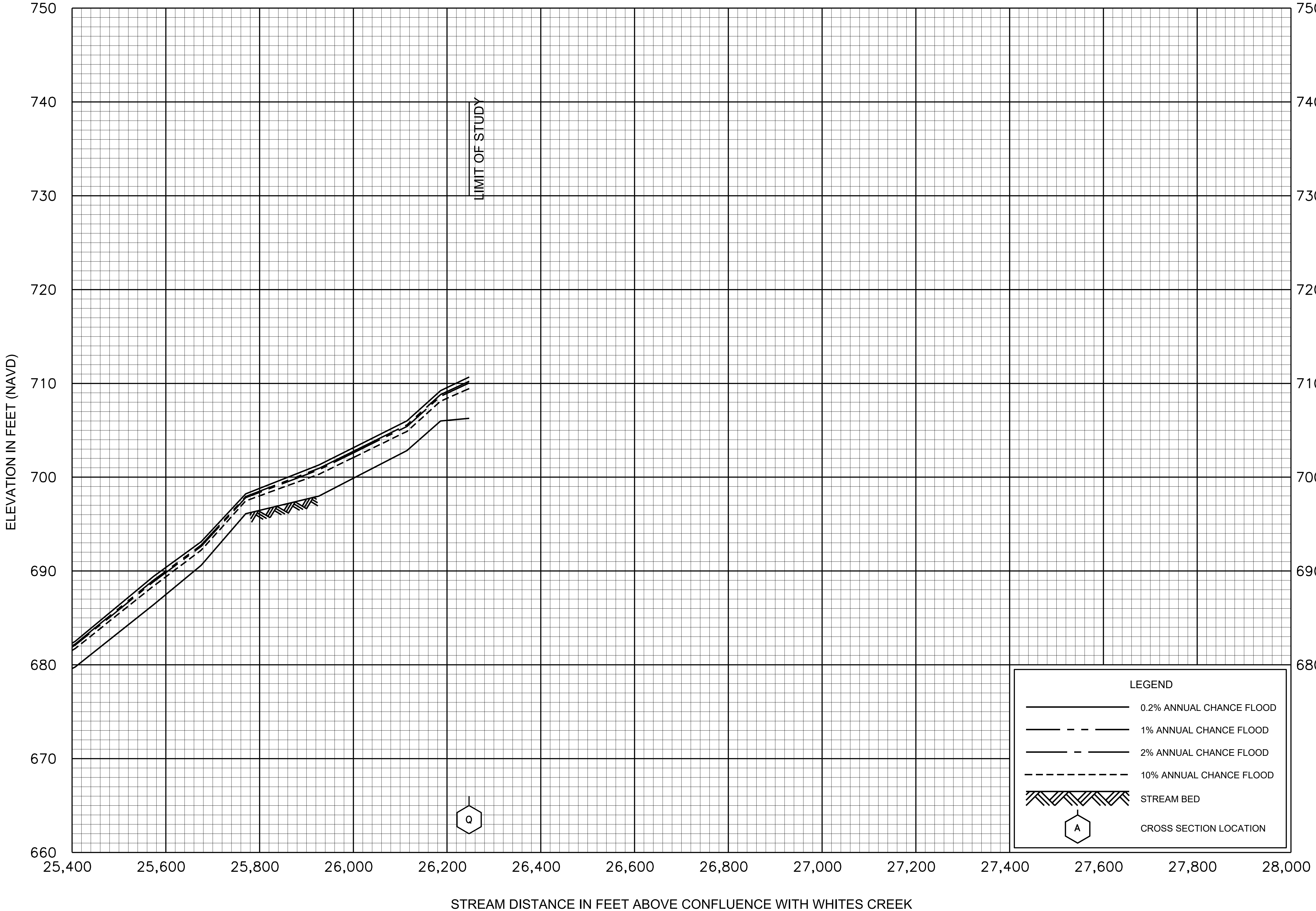


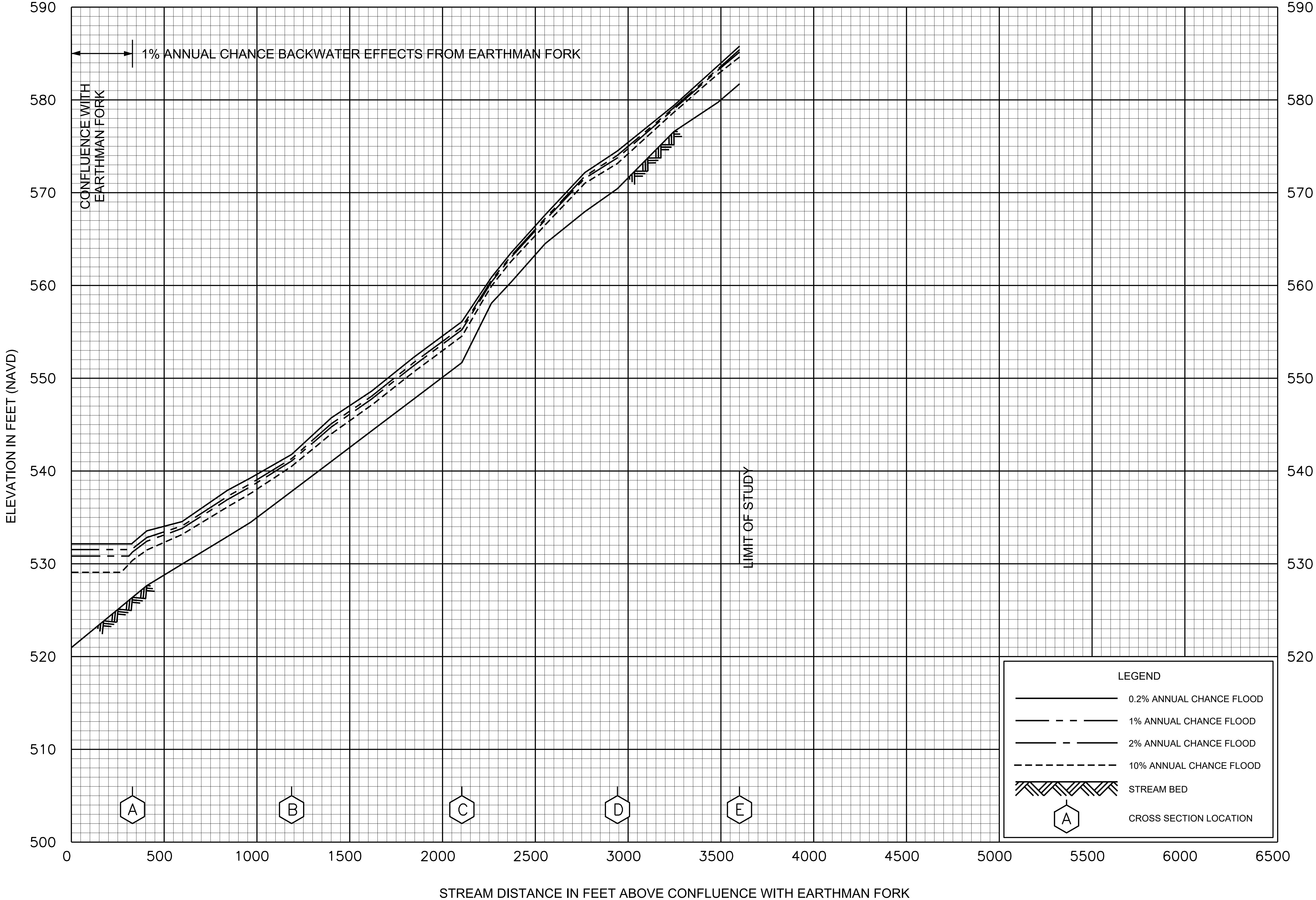
FLOOD PROFILES

EARTHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



FLOOD PROFILES

EARTHMAN FORK TRIBUTARY 2

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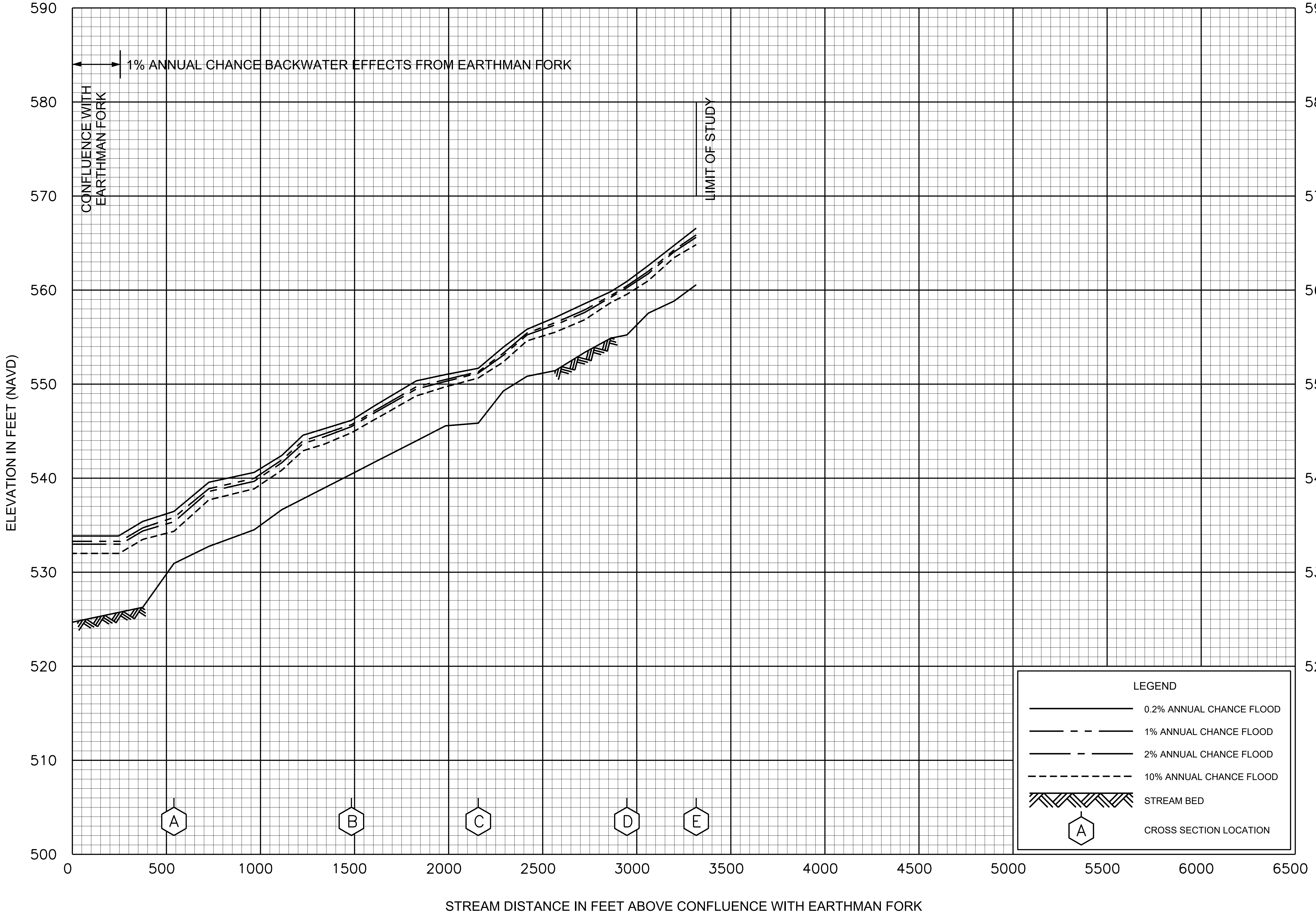
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

093P



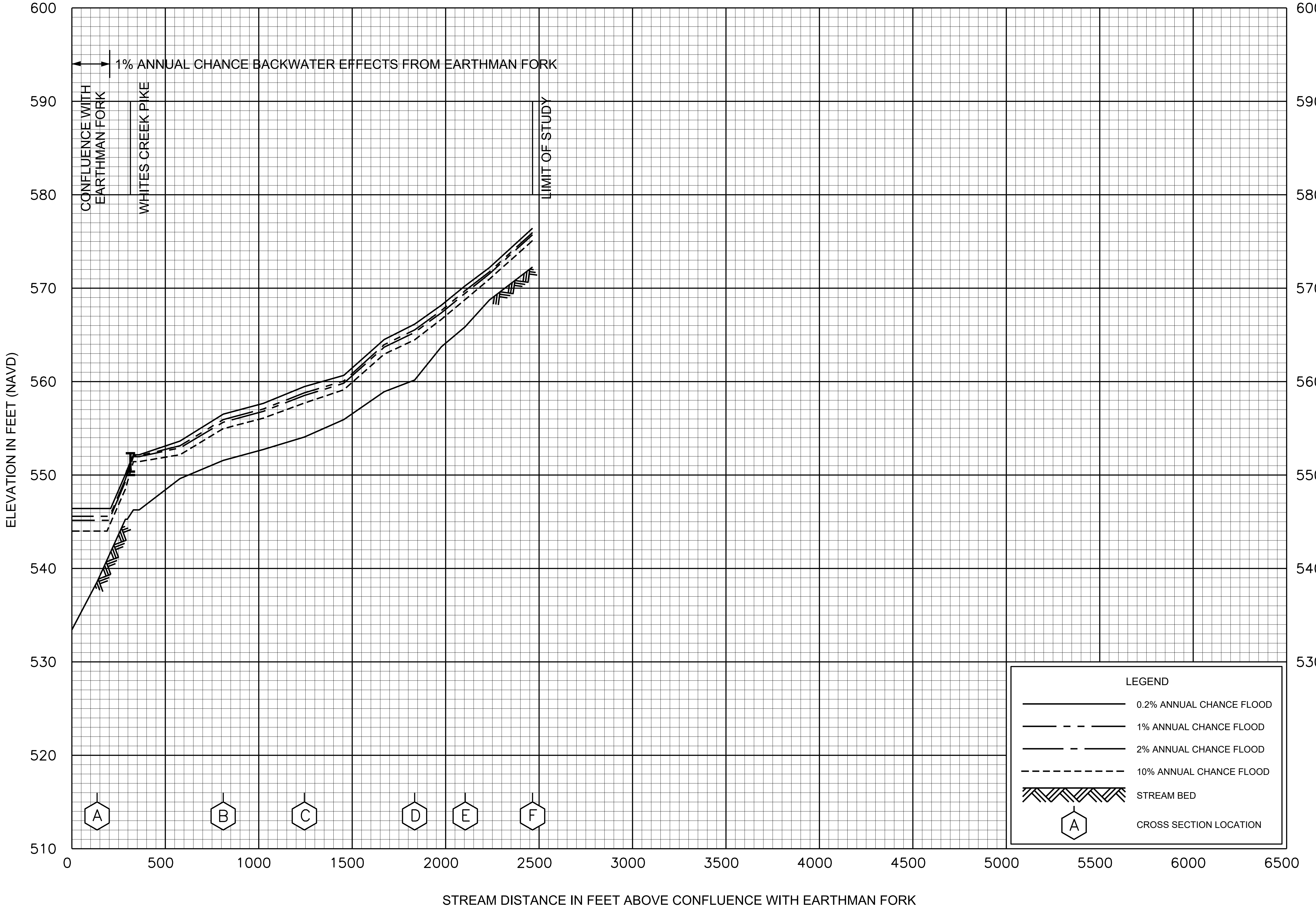
FLOOD PROFILES

EARTHMAN FORK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

094P



FLOOD PROFILES

EARTHMAN FORK TRIBUTARY 4

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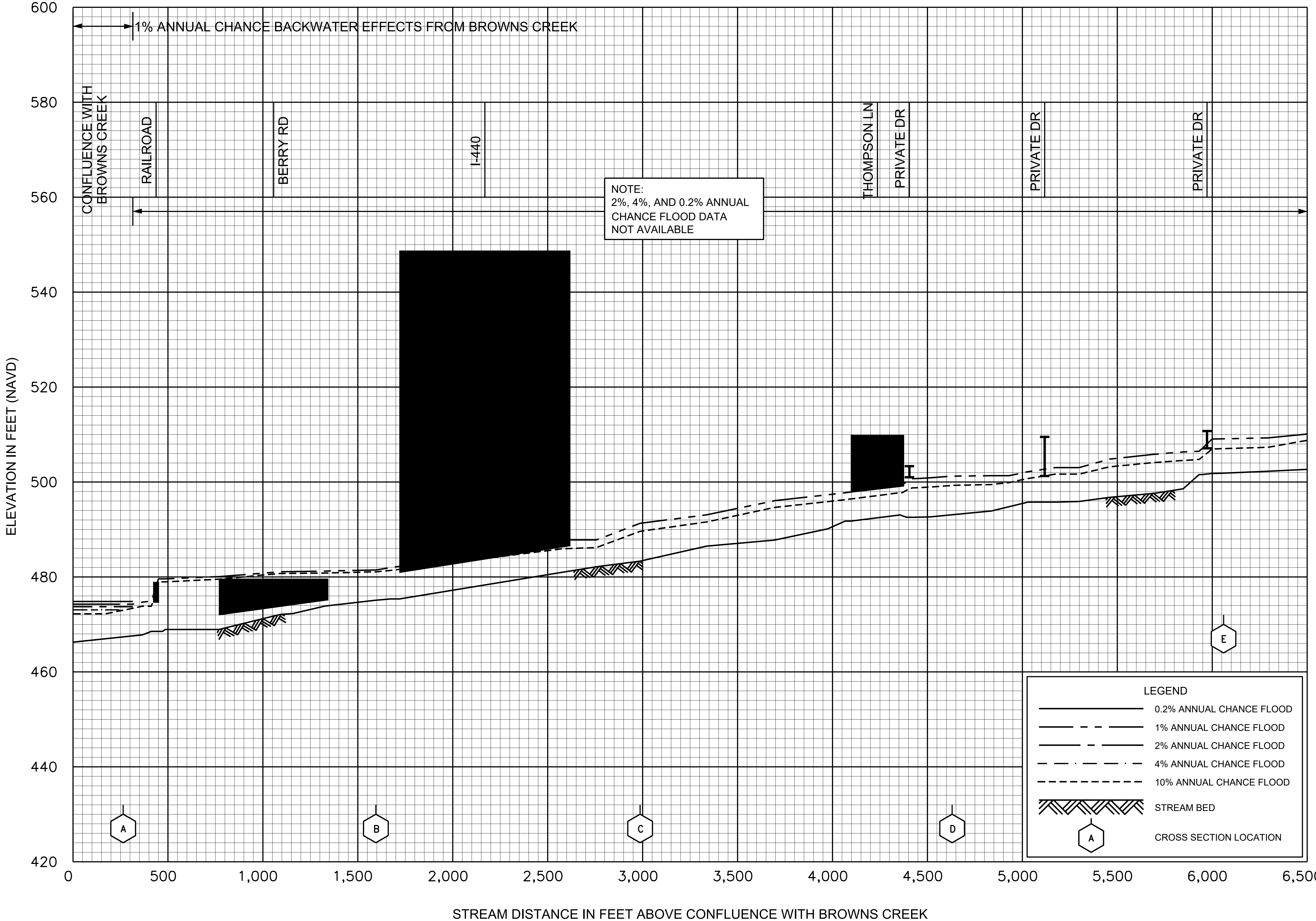
095P

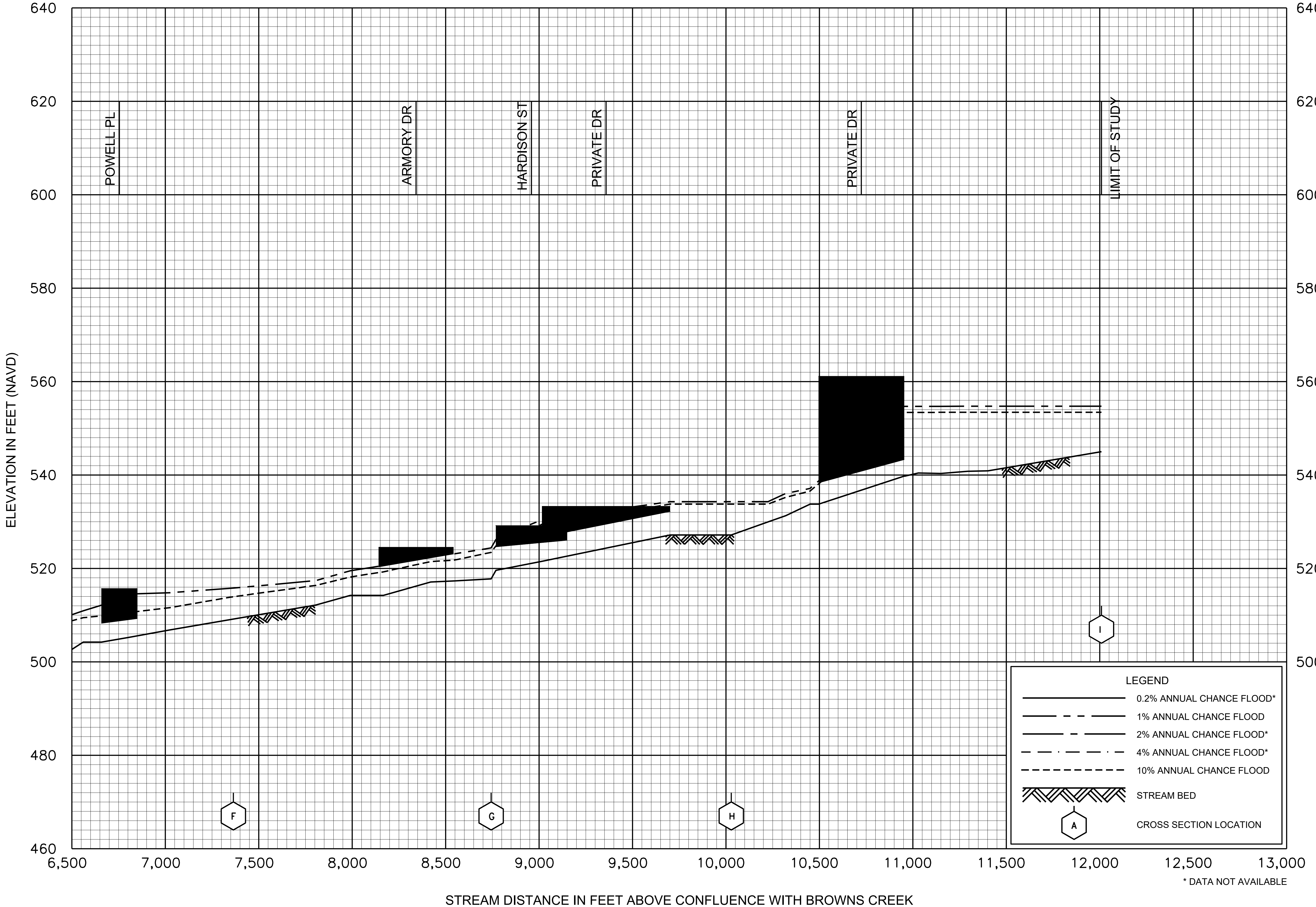


FLOOD PROFILES

EAST FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

096P

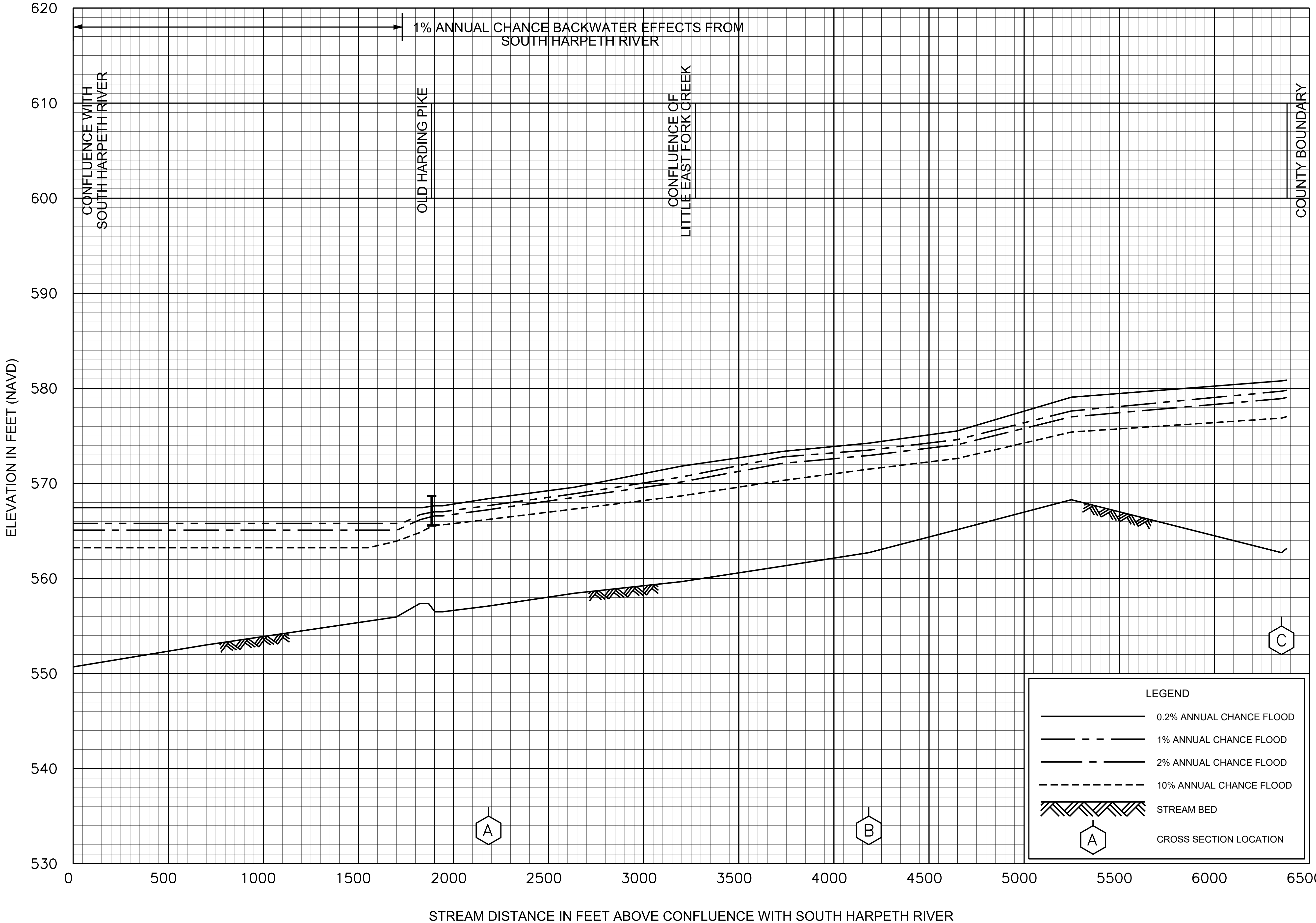


FLOOD PROFILES

EAST FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

EAST FORK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

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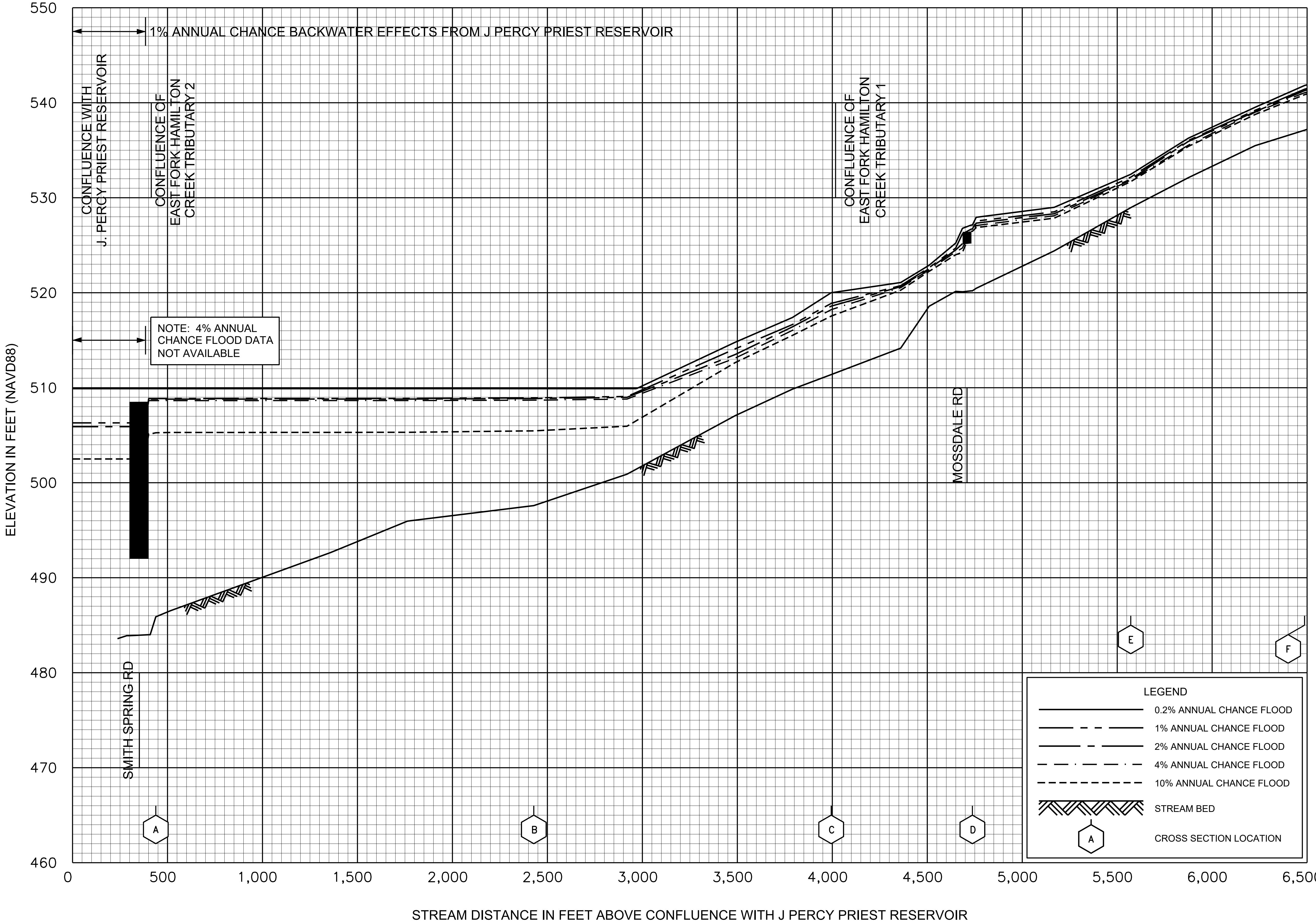

FLOOD PROFILES

EAST FORK HAMILTON CREEK

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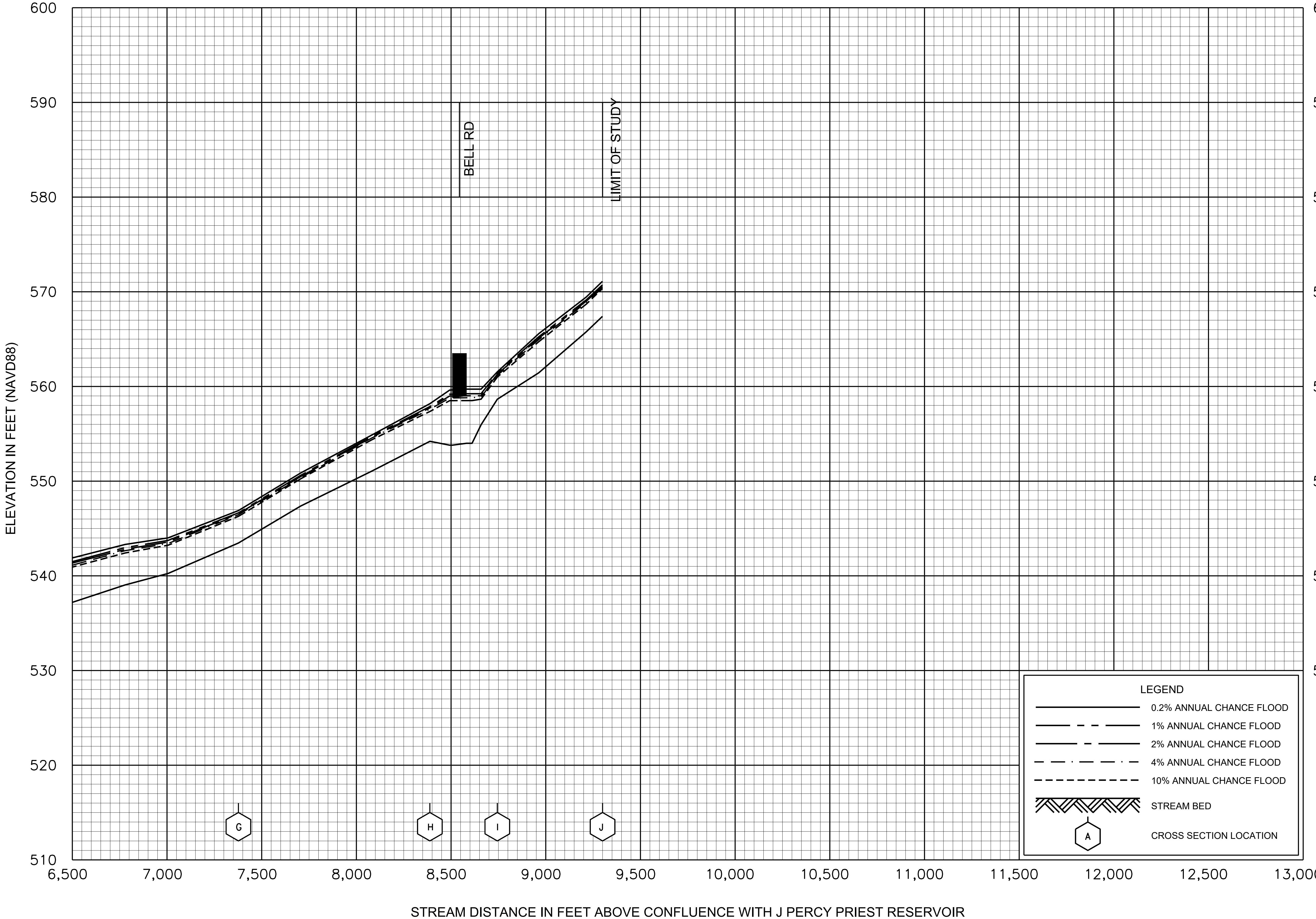


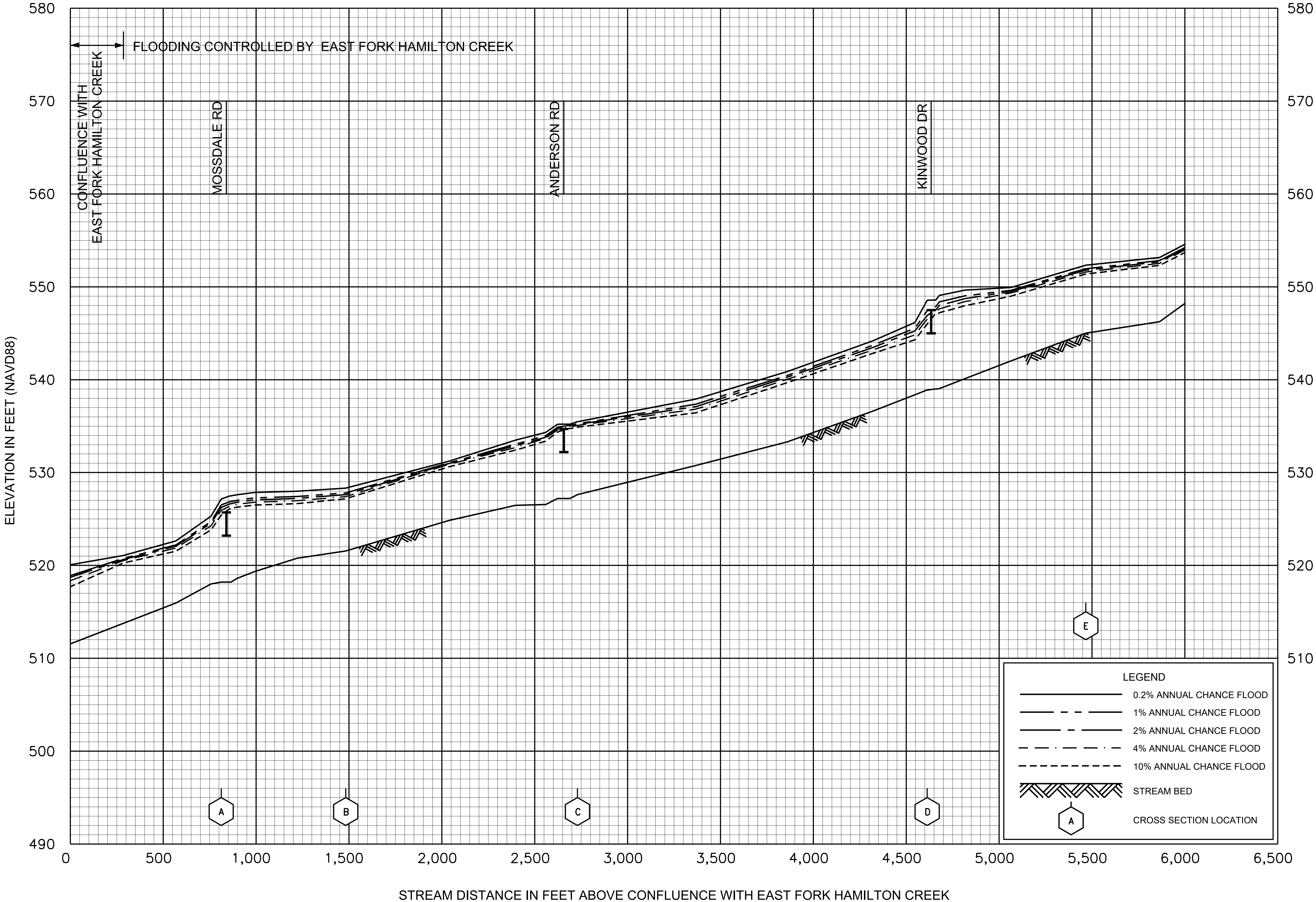
FLOOD PROFILES

EAST FORK HAMILTON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



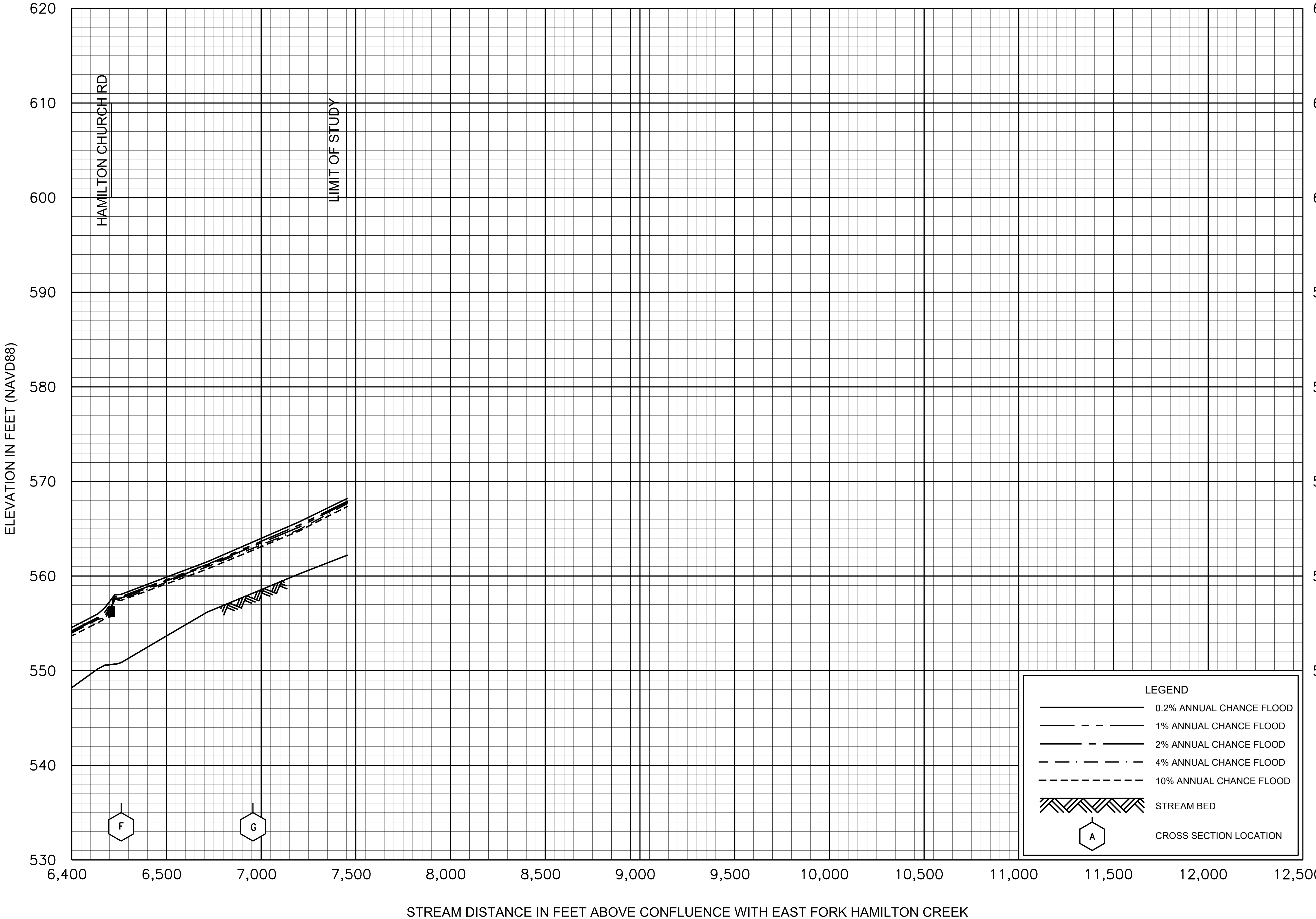
FLOOD PROFILES

EAST FORK HAMILTON CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

101P

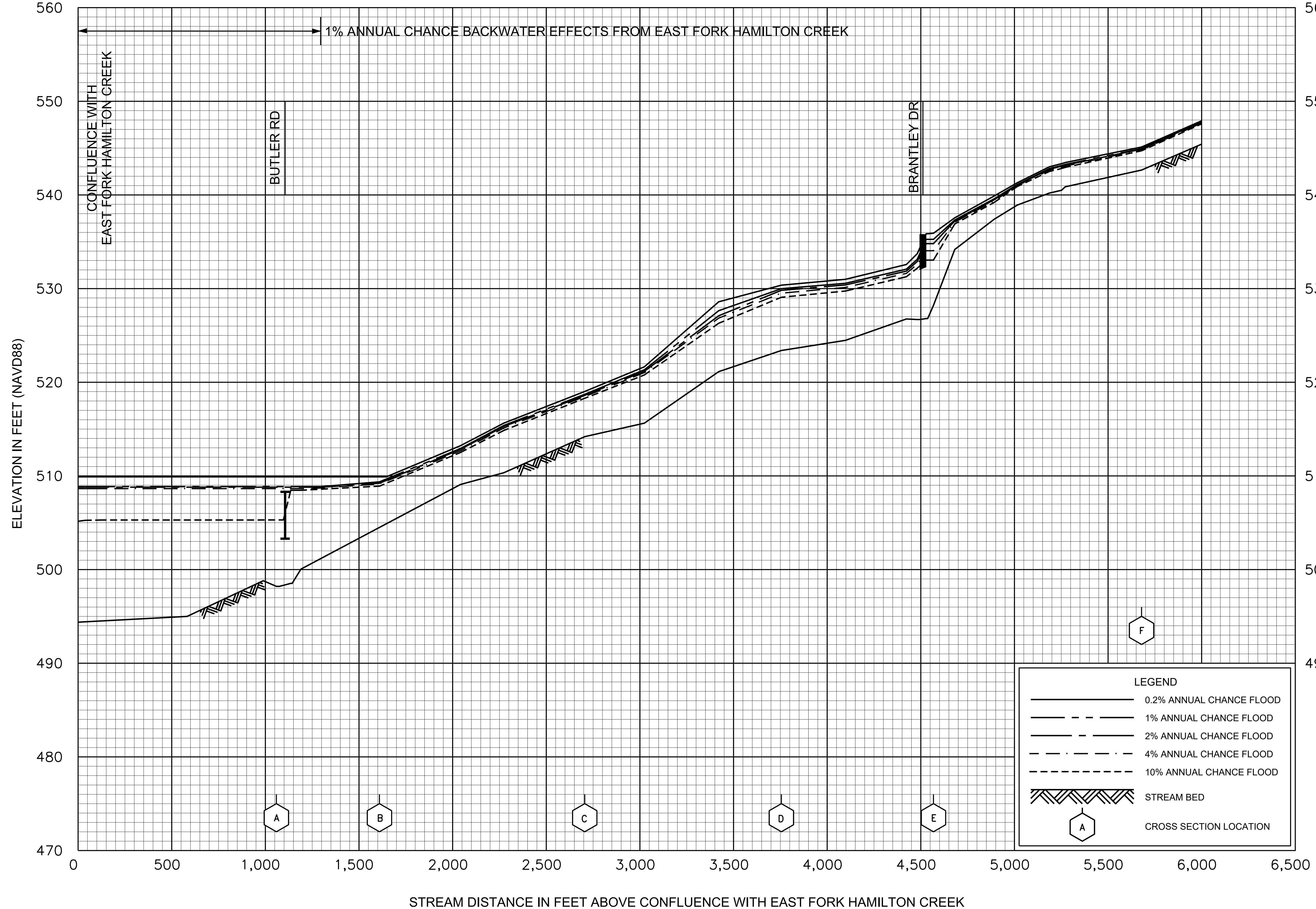


FLOOD PROFILES

EAST FORK HAMILTON CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

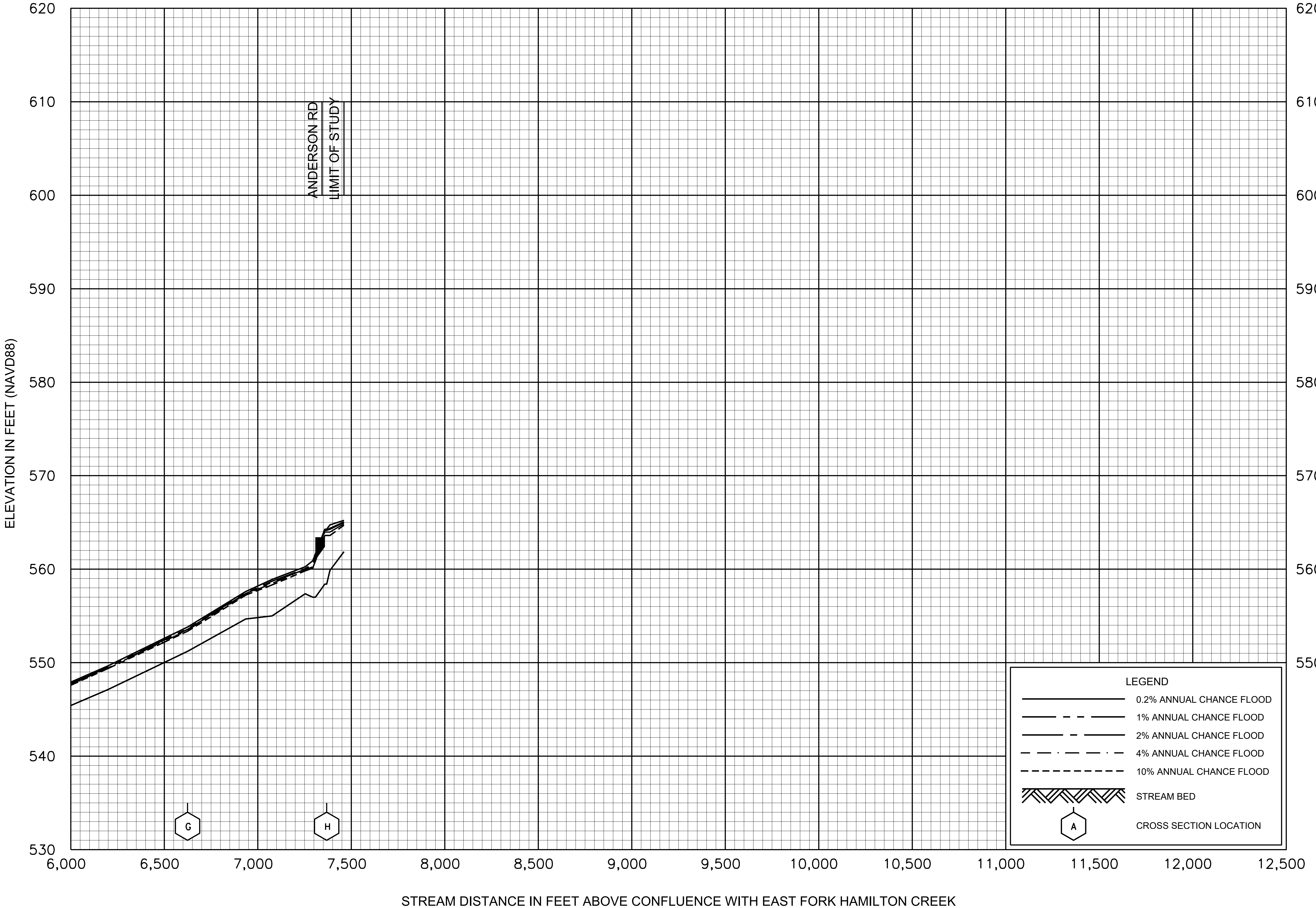


FLOOD PROFILES

EAST FORK HAMILTON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



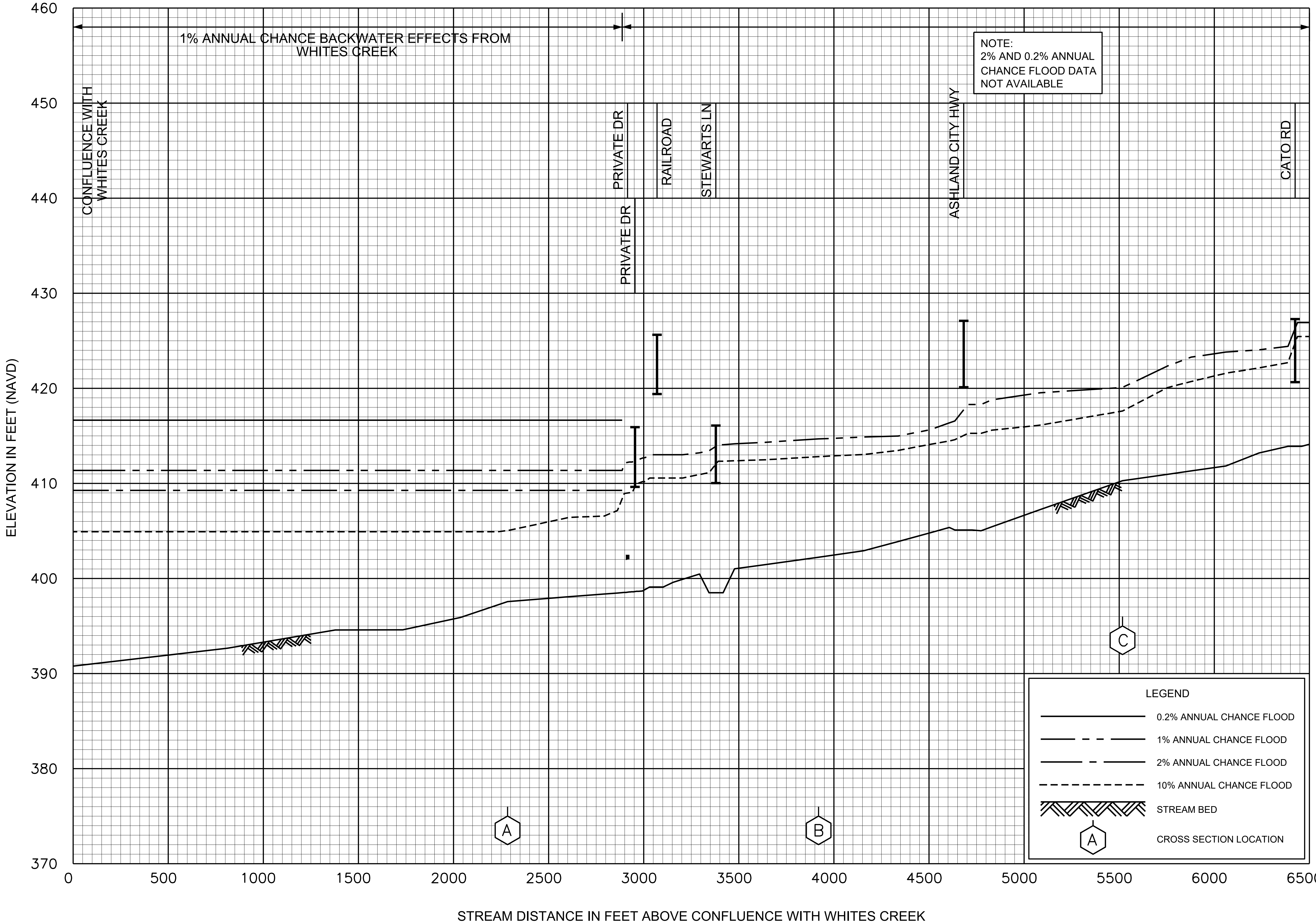
FLOOD PROFILES

EAST FORK HAMILTON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

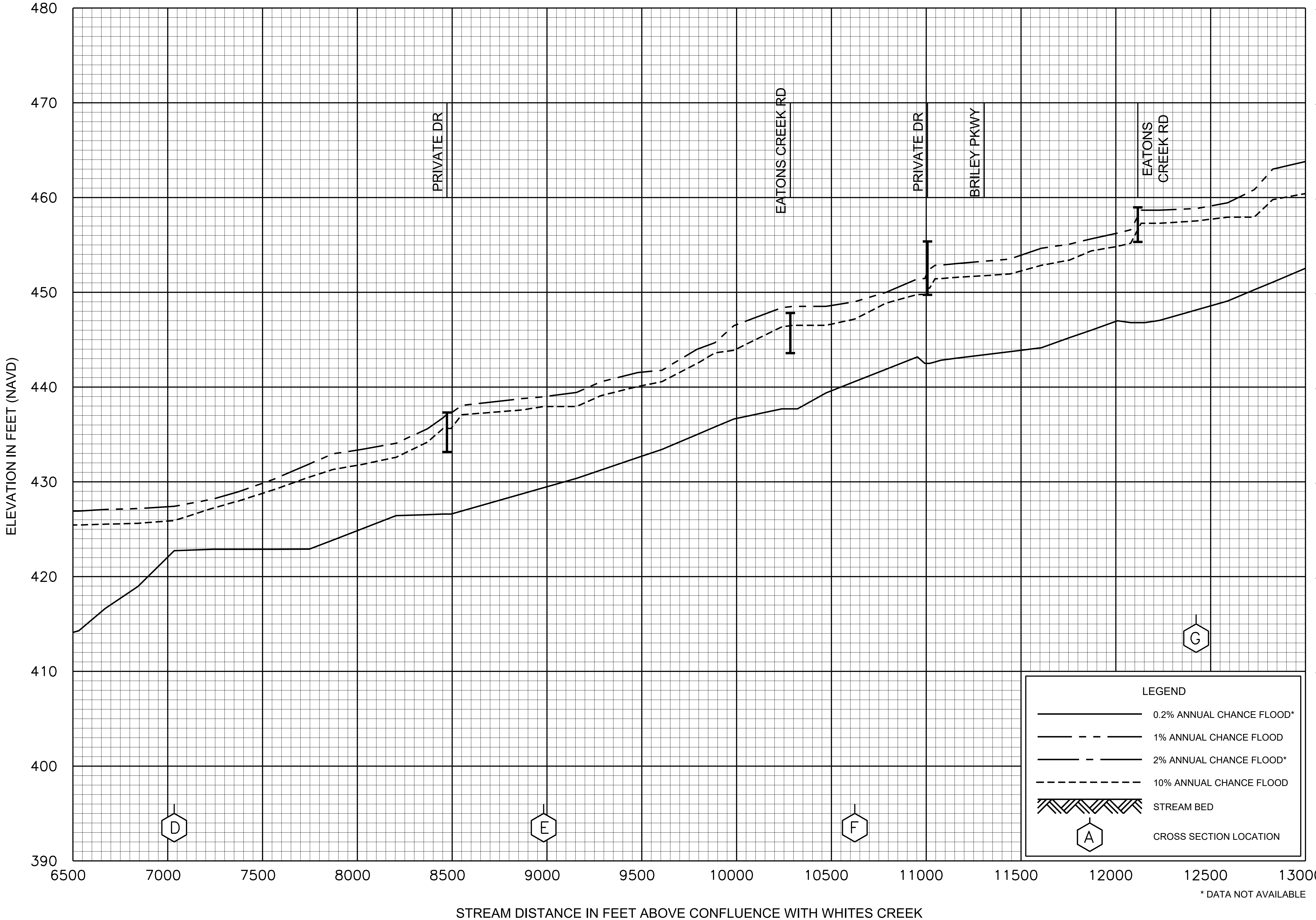


FLOOD PROFILES

EATON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

105P

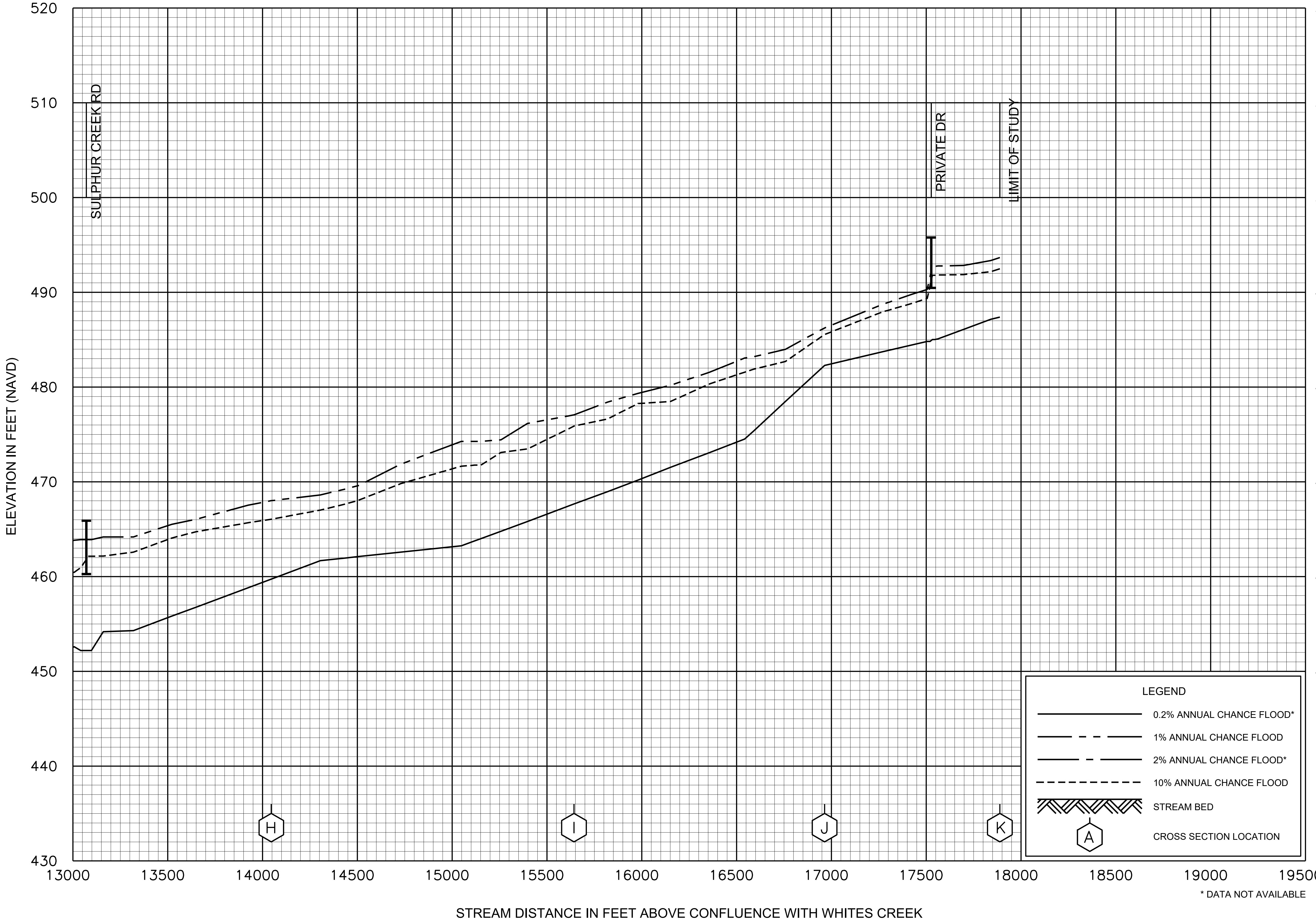


FLOOD PROFILES

EATON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

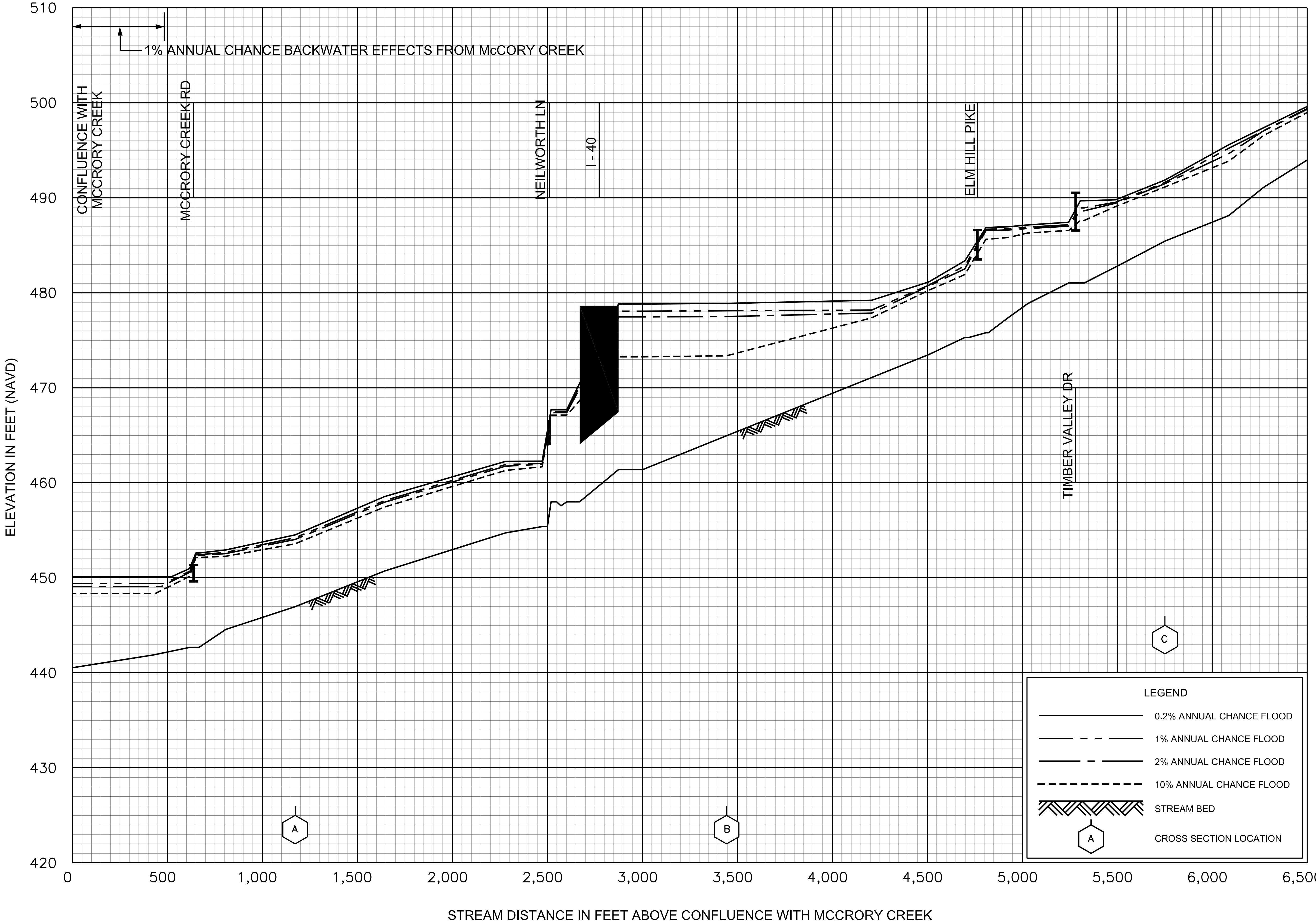


FLOOD PROFILES

EATON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

107P

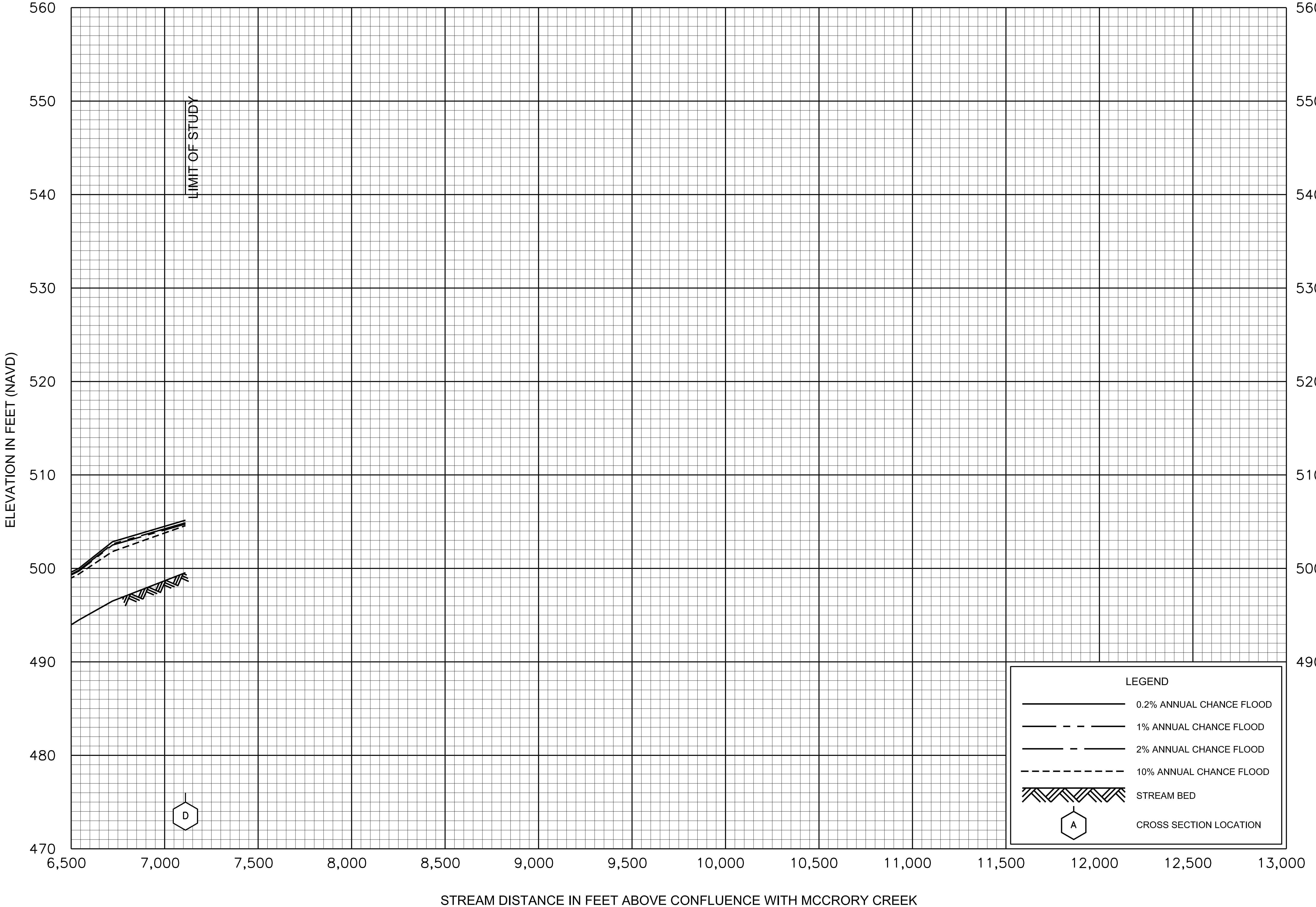


FLOOD PROFILES

ELM HILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

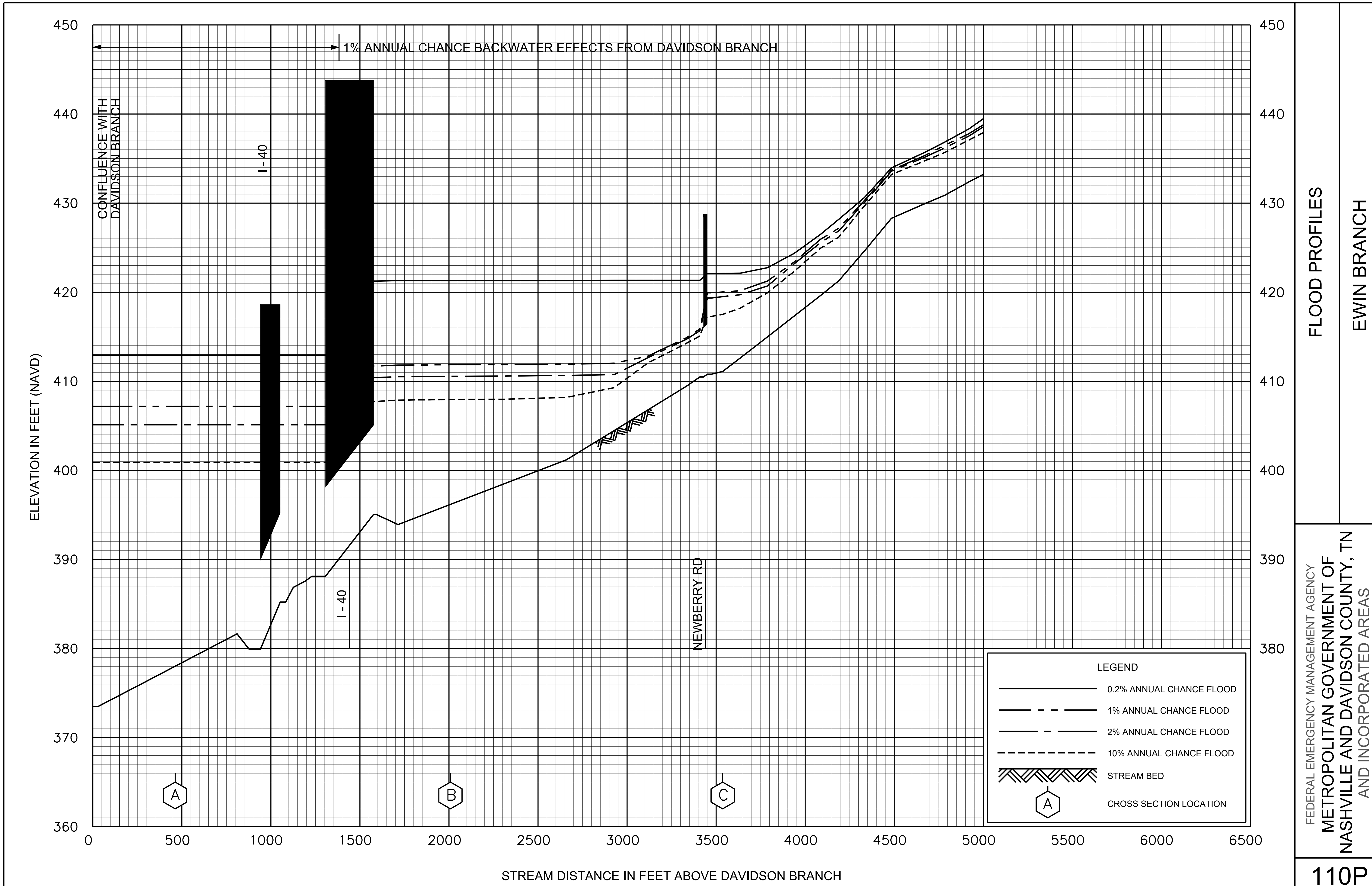
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

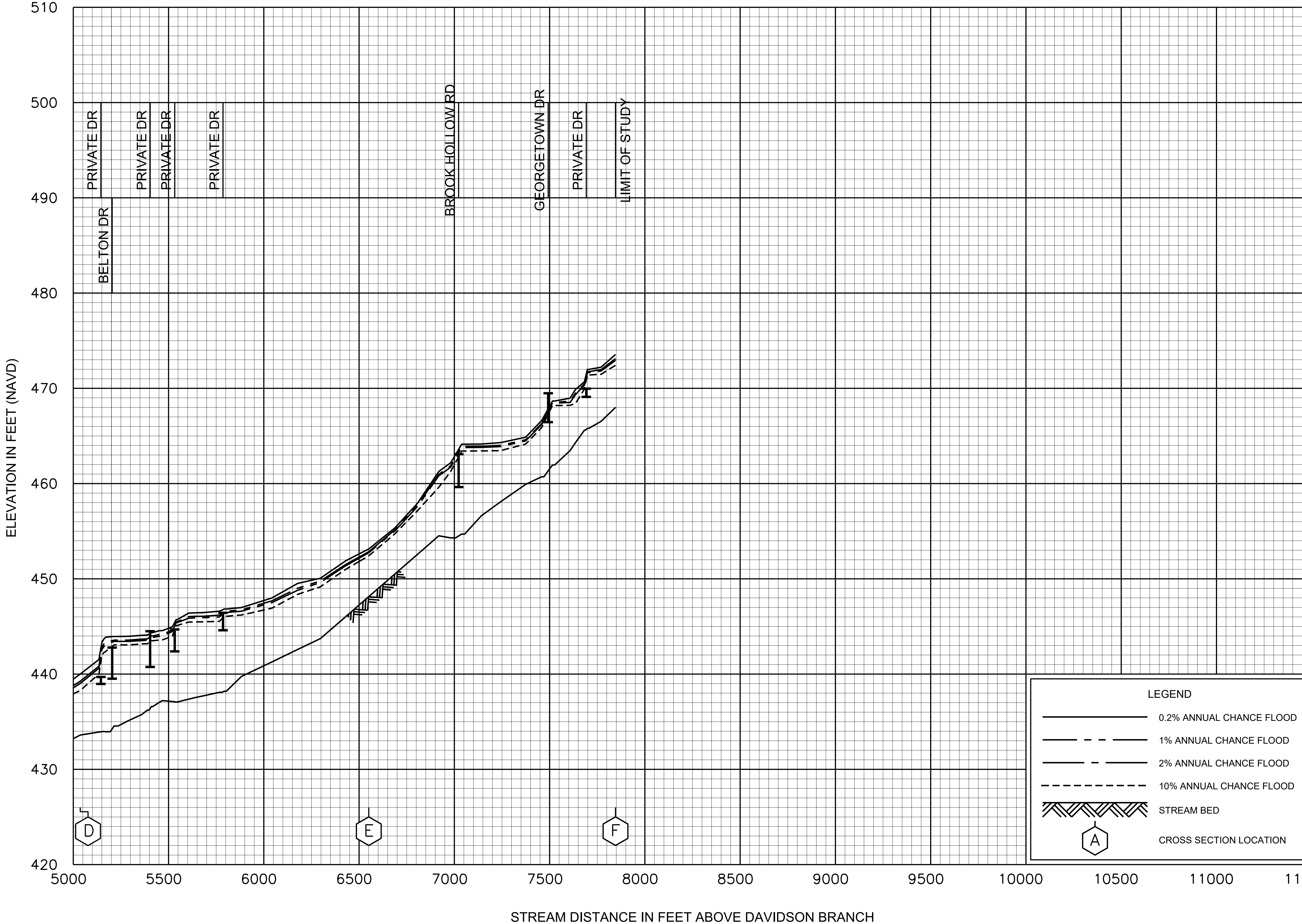


FLOOD PROFILES

ELM HILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS


1% ANNUAL CHANCE BACKWATER EFFECTS FROM DAVIDSON BRANCH
CONFLUENCE WITH DAVIDSON BRANCH
I - 40
I - 40
NEWBERRY RD
ELEVATION IN FEET (NAVD)
STREAM DISTANCE IN FEET ABOVE DAVIDSON BRANCH
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION
A
B
C
FLOOD PROFILES
EWIN BRANCH
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS
110P

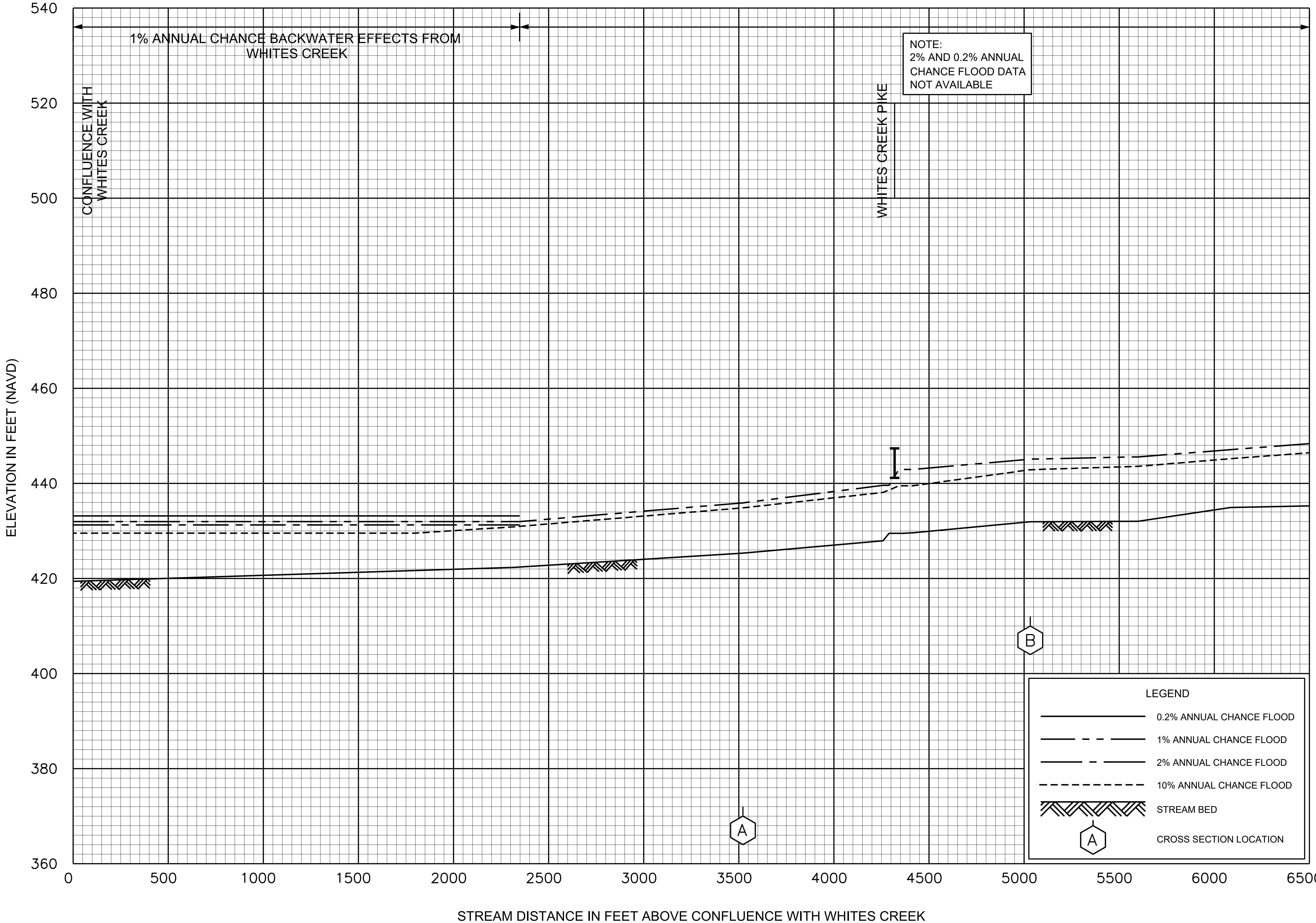


FLOOD PROFILES

EWIN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

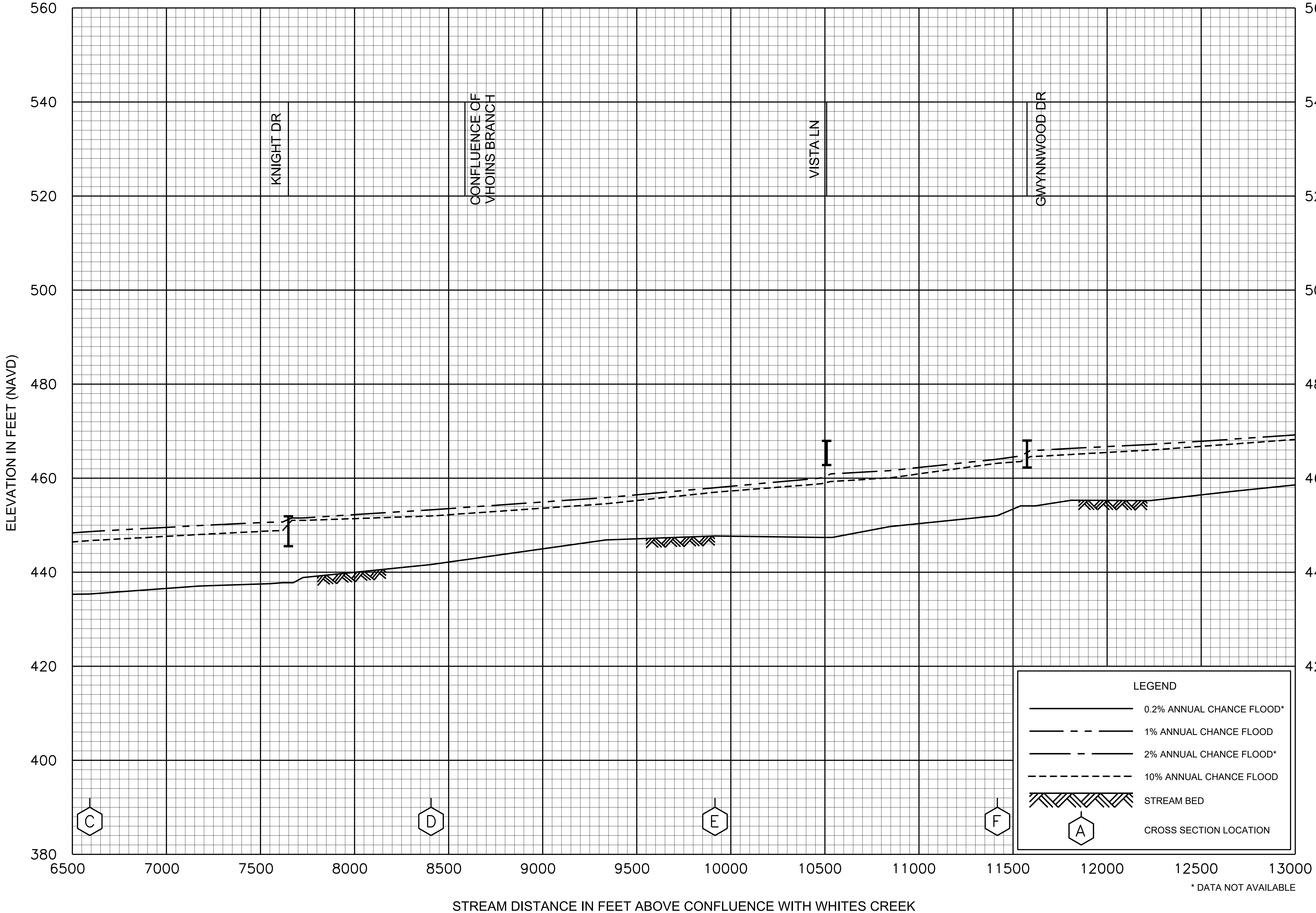
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



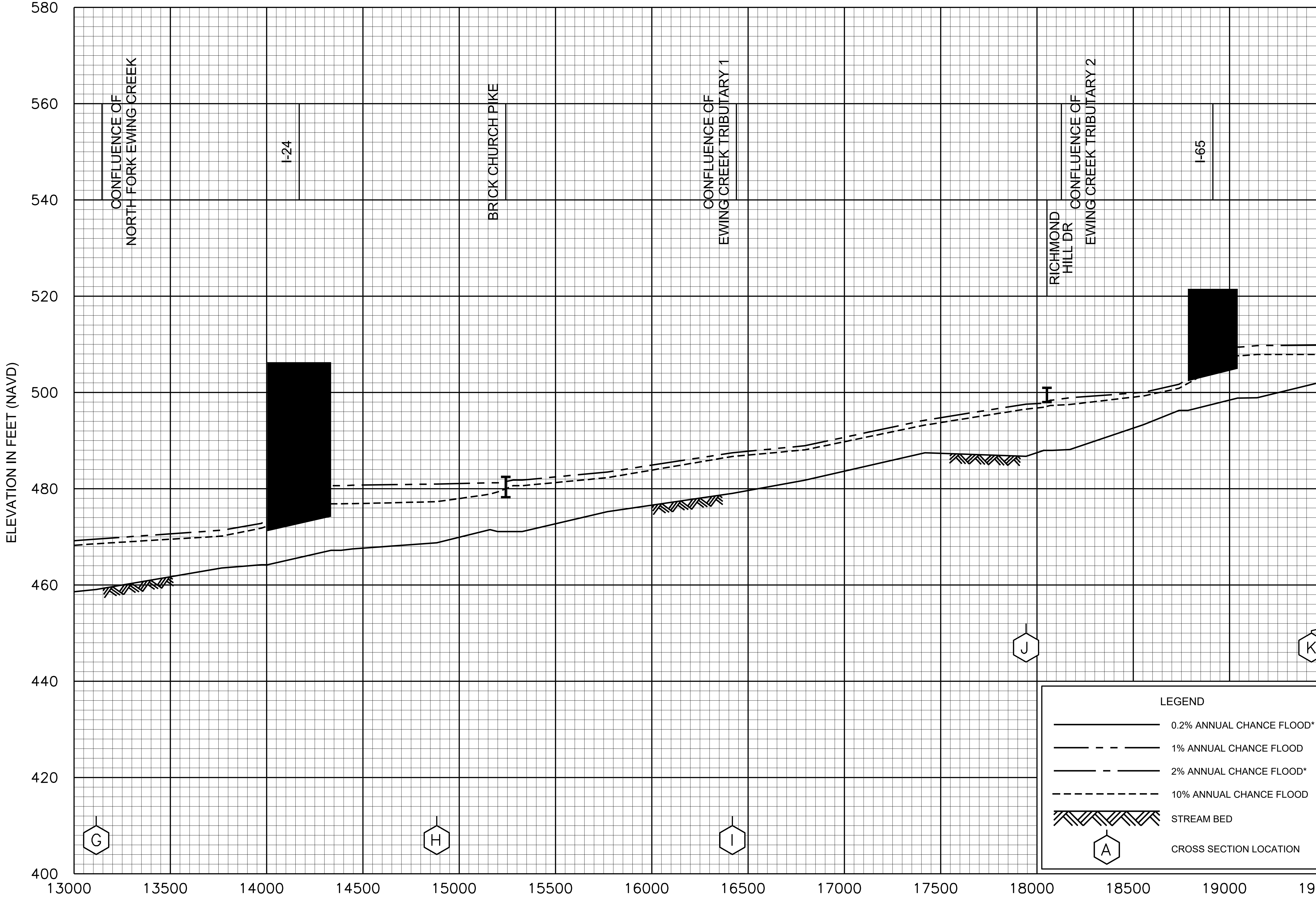
FLOOD PROFILES

EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

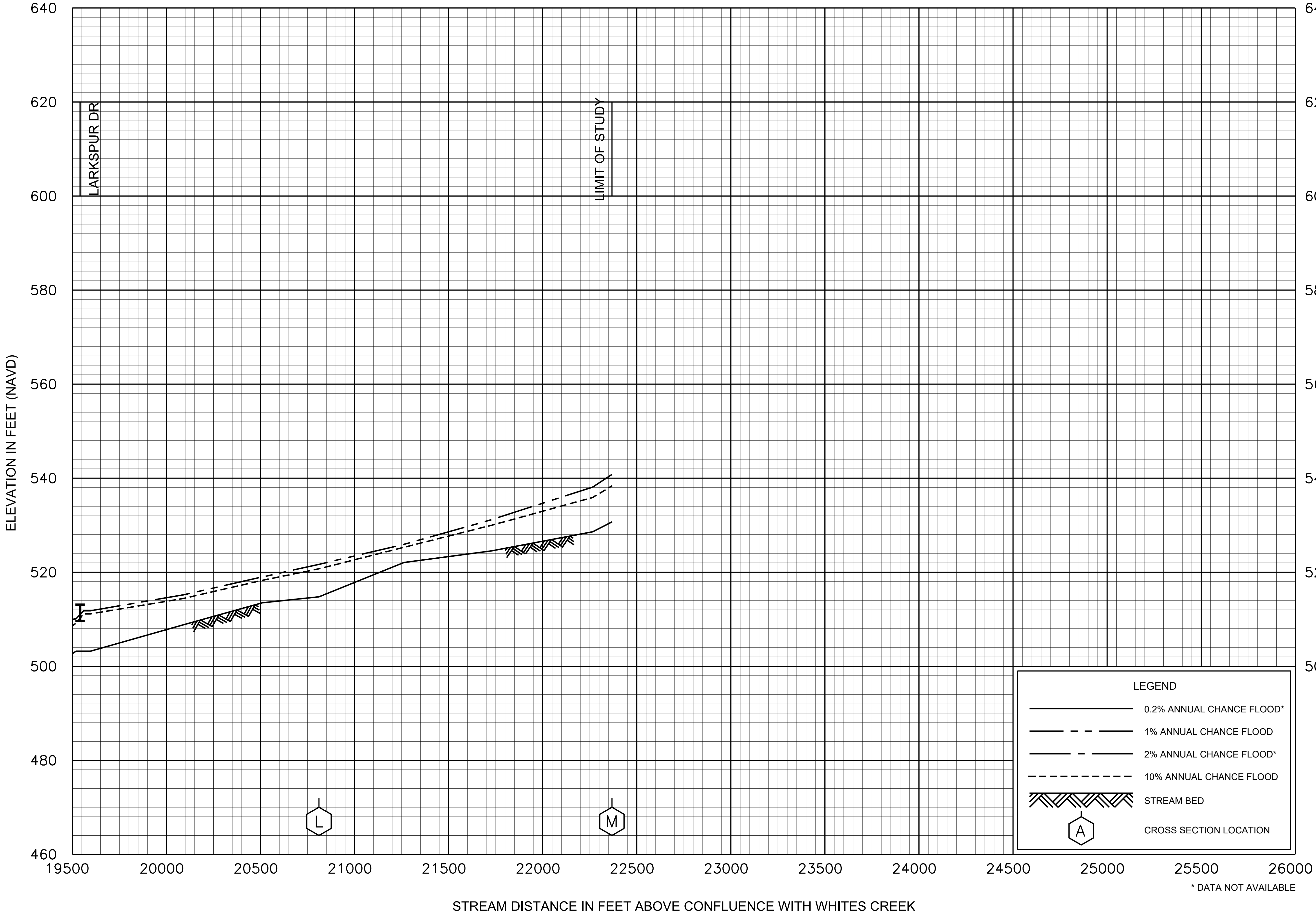
113P



FLOOD PROFILES

EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

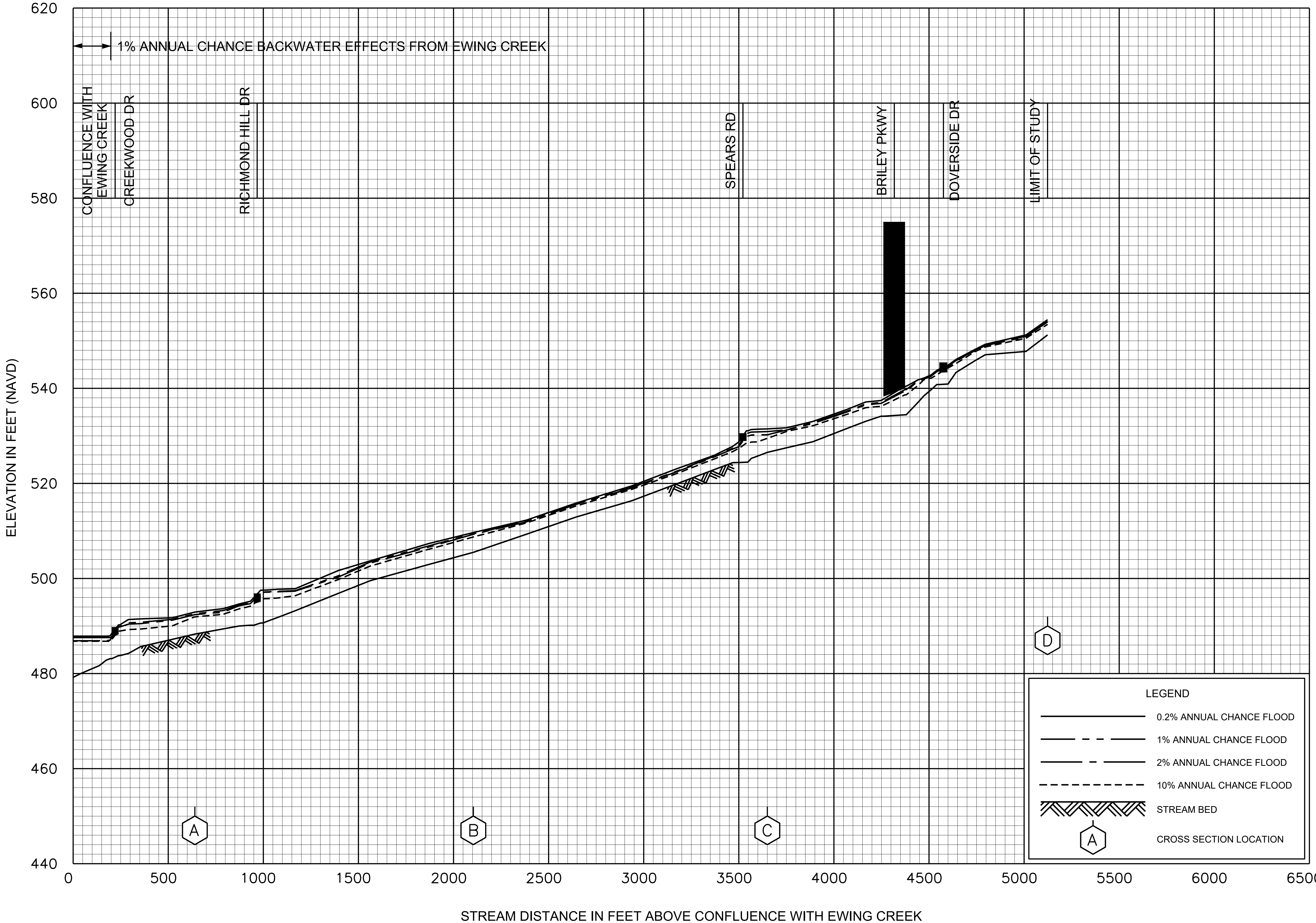


* DATA NOT AVAILABLE

FLOOD PROFILES

EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



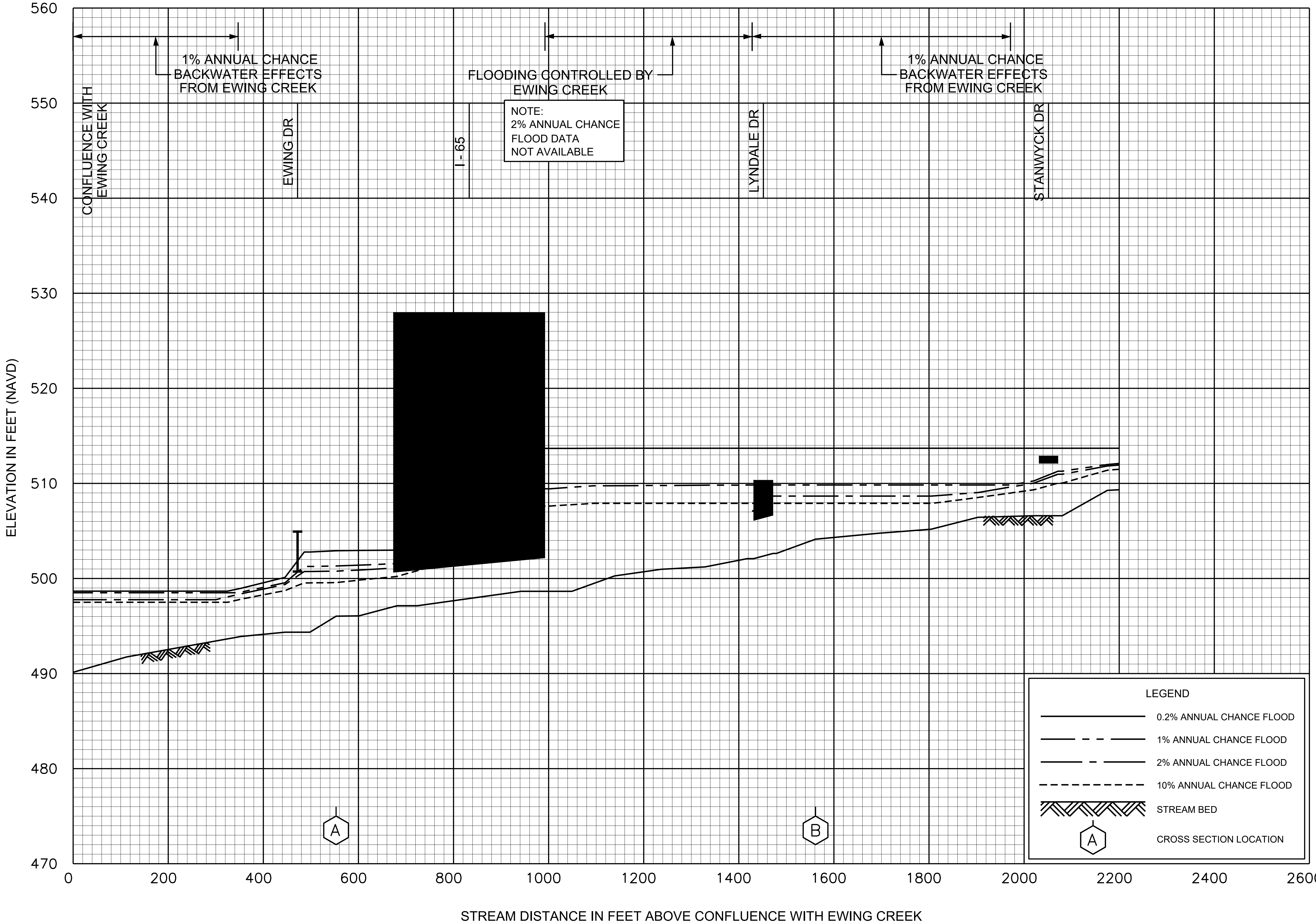
FLOOD PROFILES

EWING CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

116P

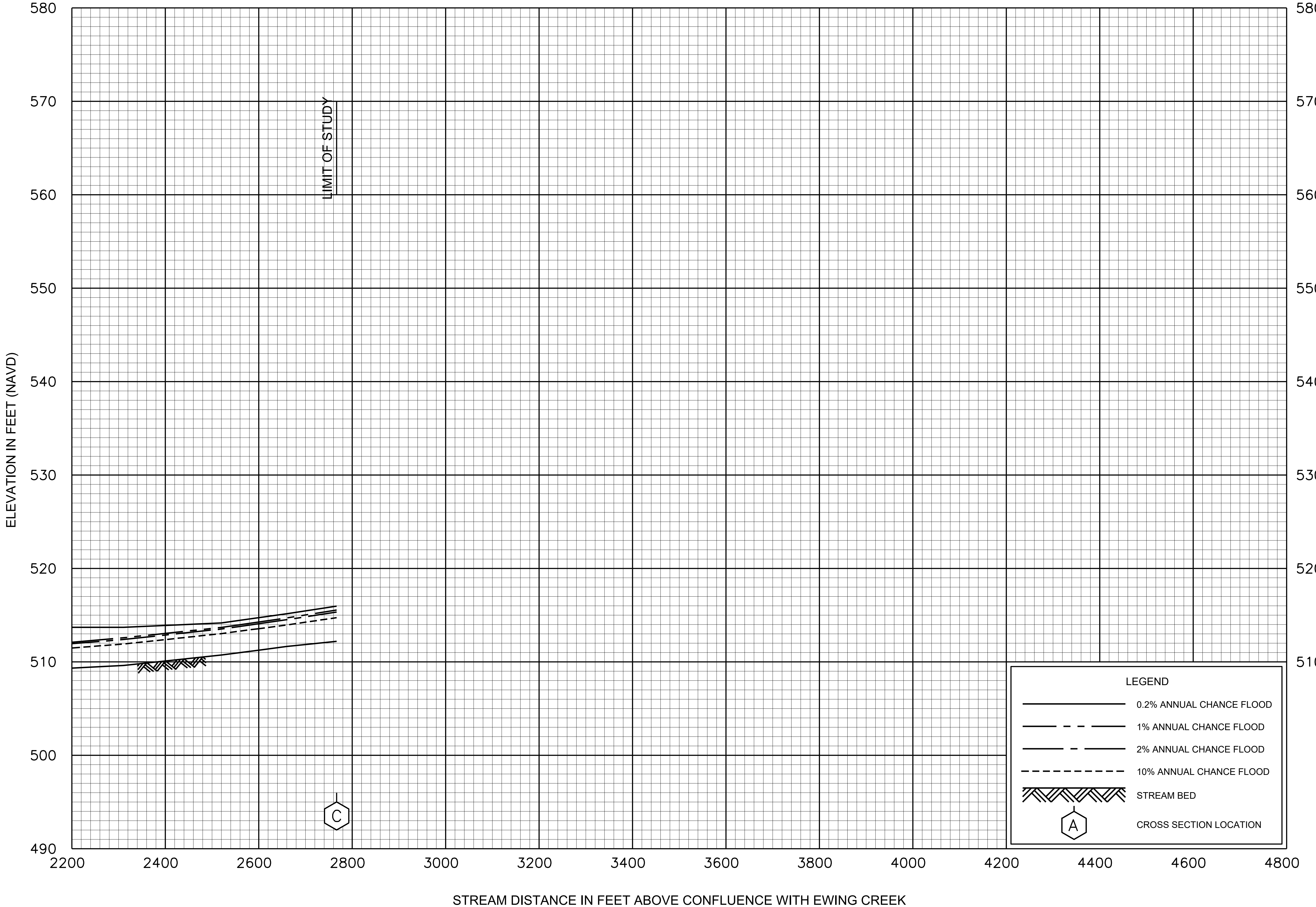


FLOOD PROFILES

EWING CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

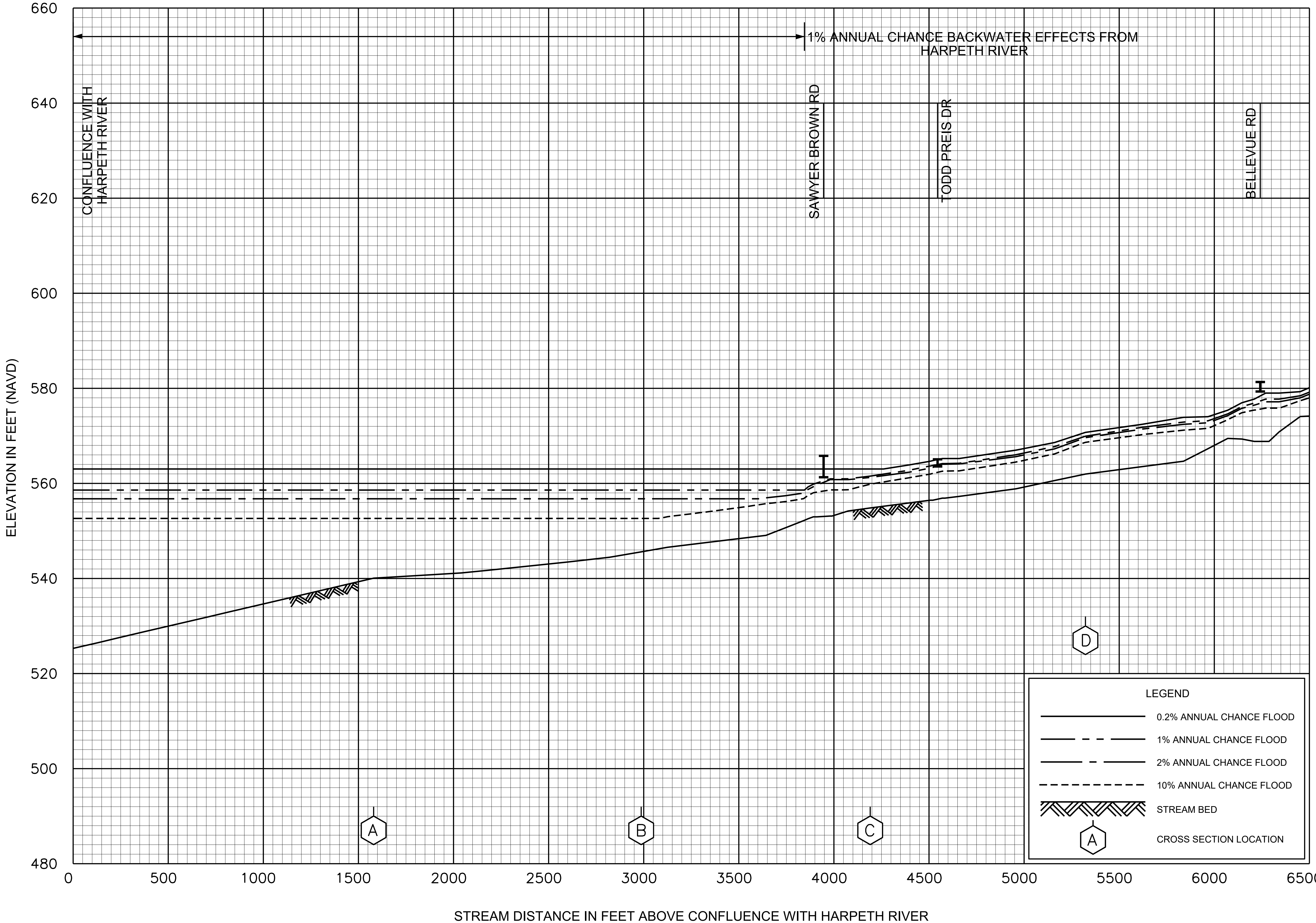


FLOOD PROFILES

EWING CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

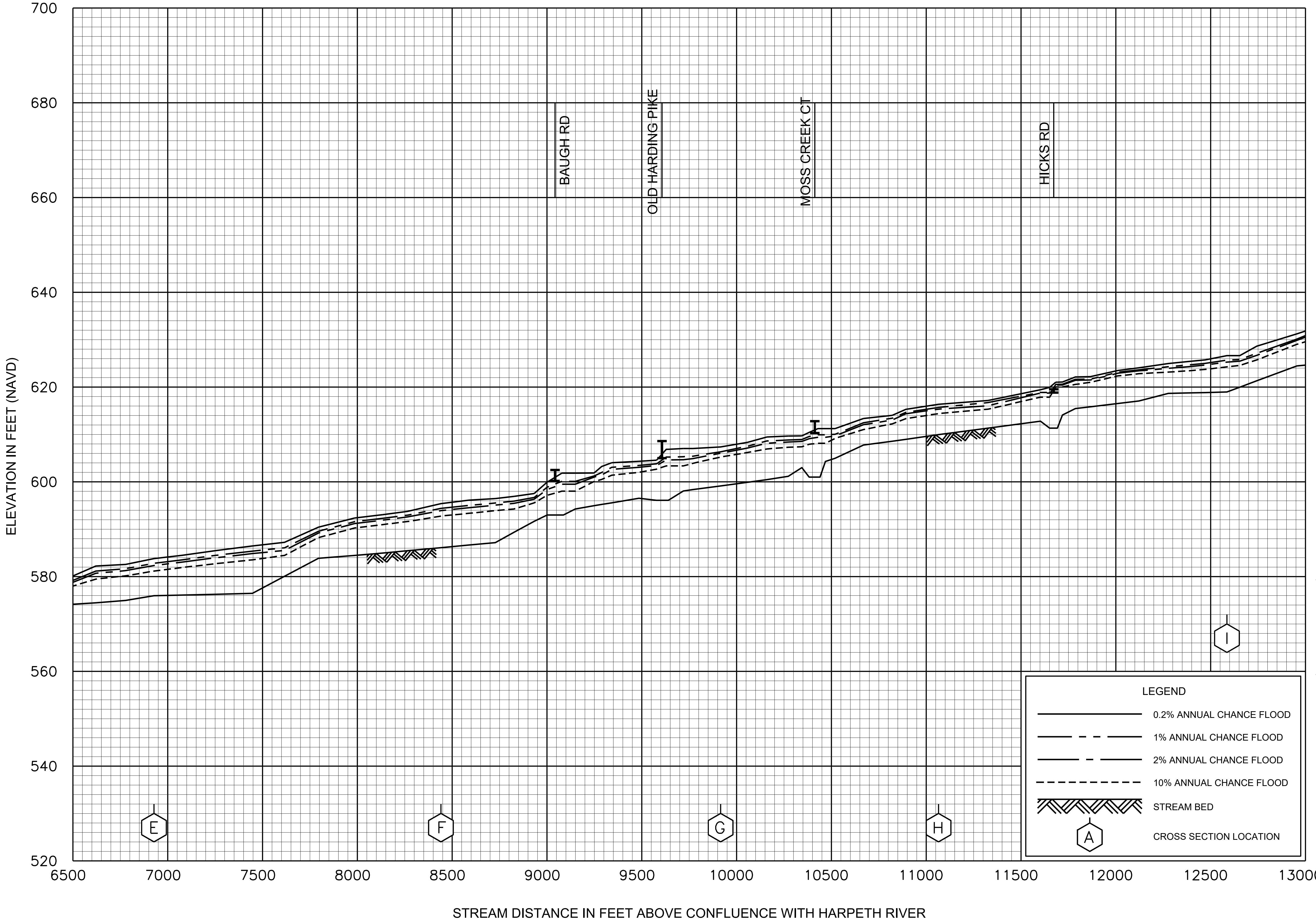
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

FLAT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

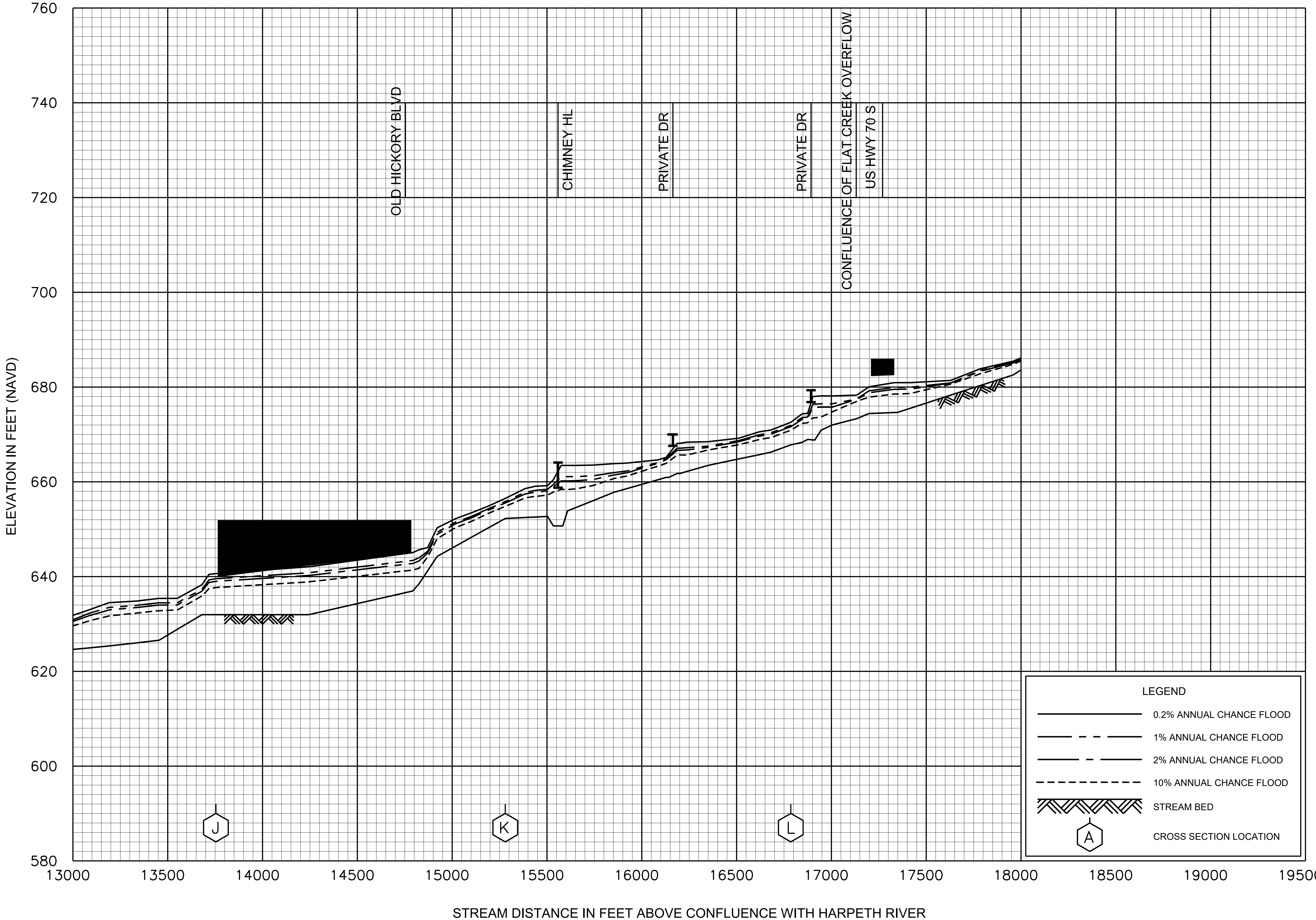


FLOOD PROFILES

FLAT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

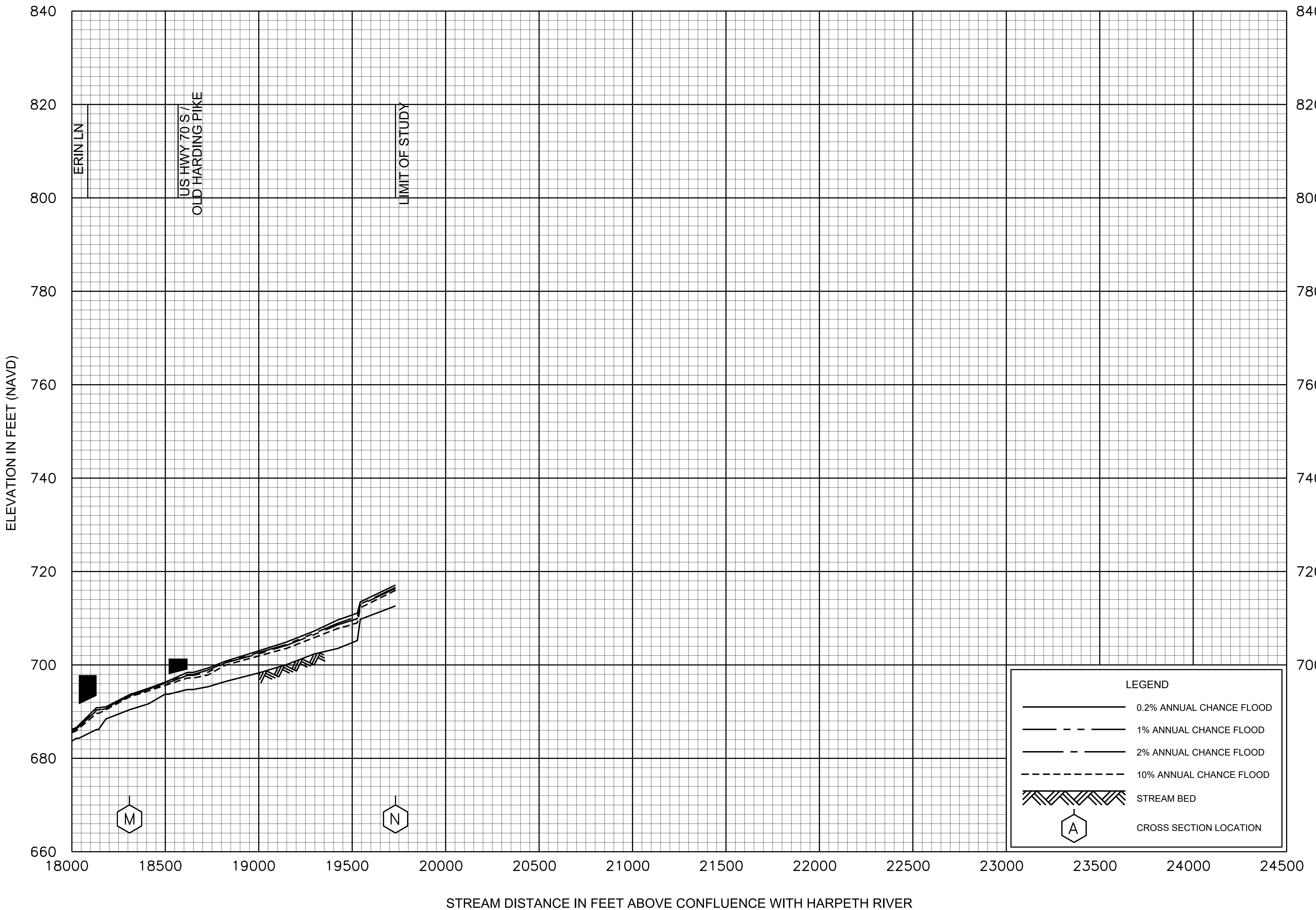


FLOOD PROFILES

FLAT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

121P

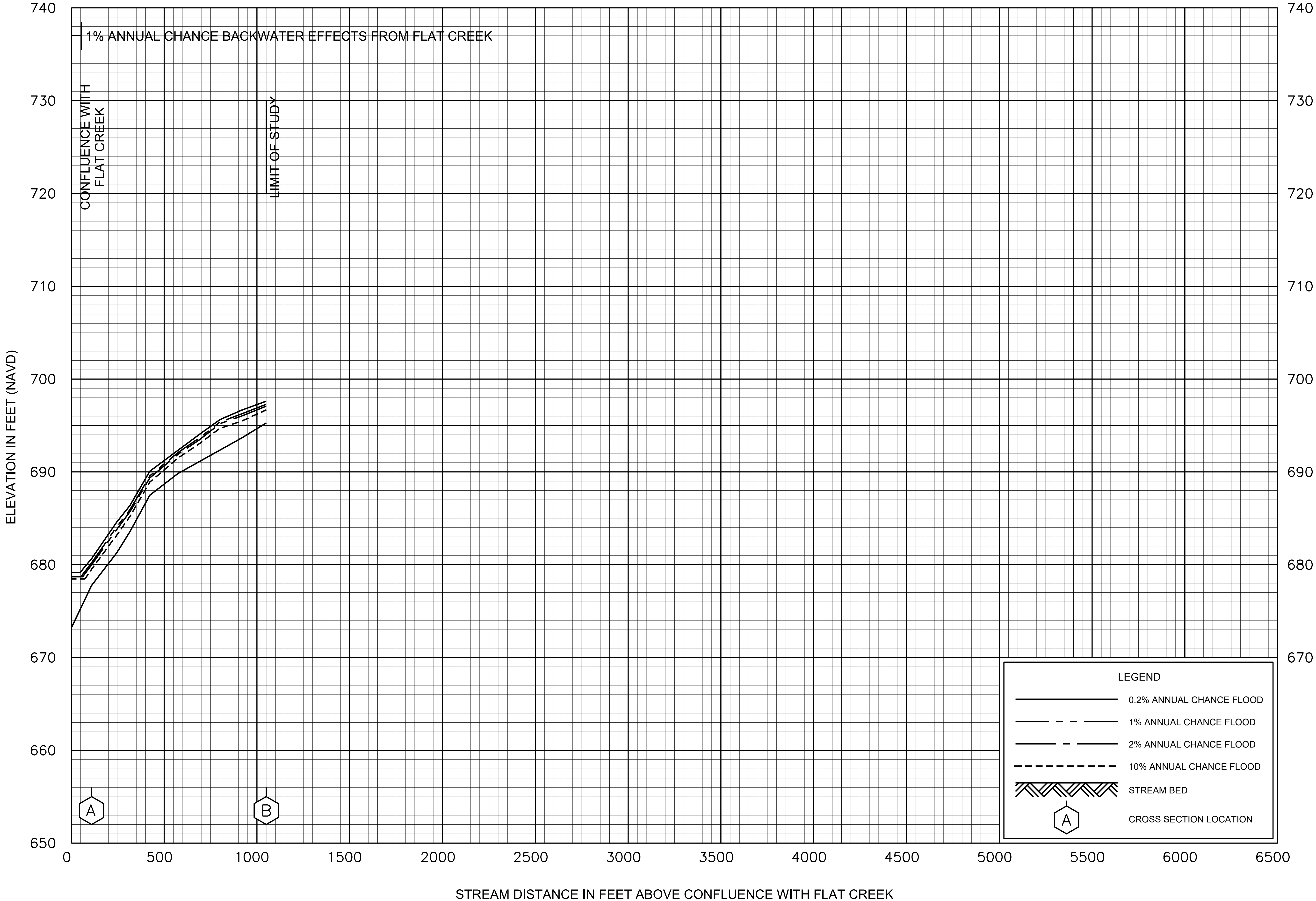


FLOOD PROFILES

FLAT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

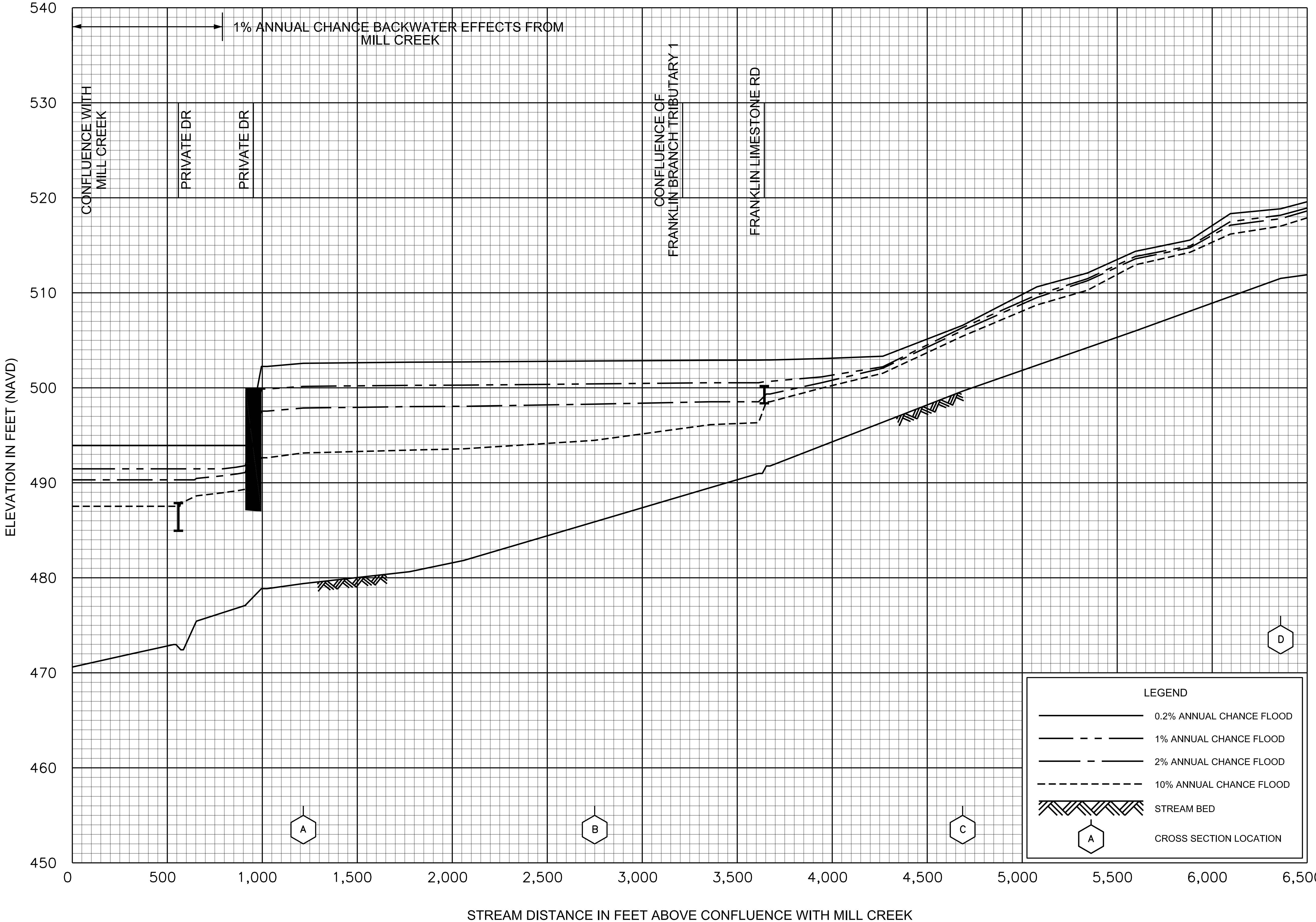


FLOOD PROFILES

FLAT CREEK OVERFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

123P

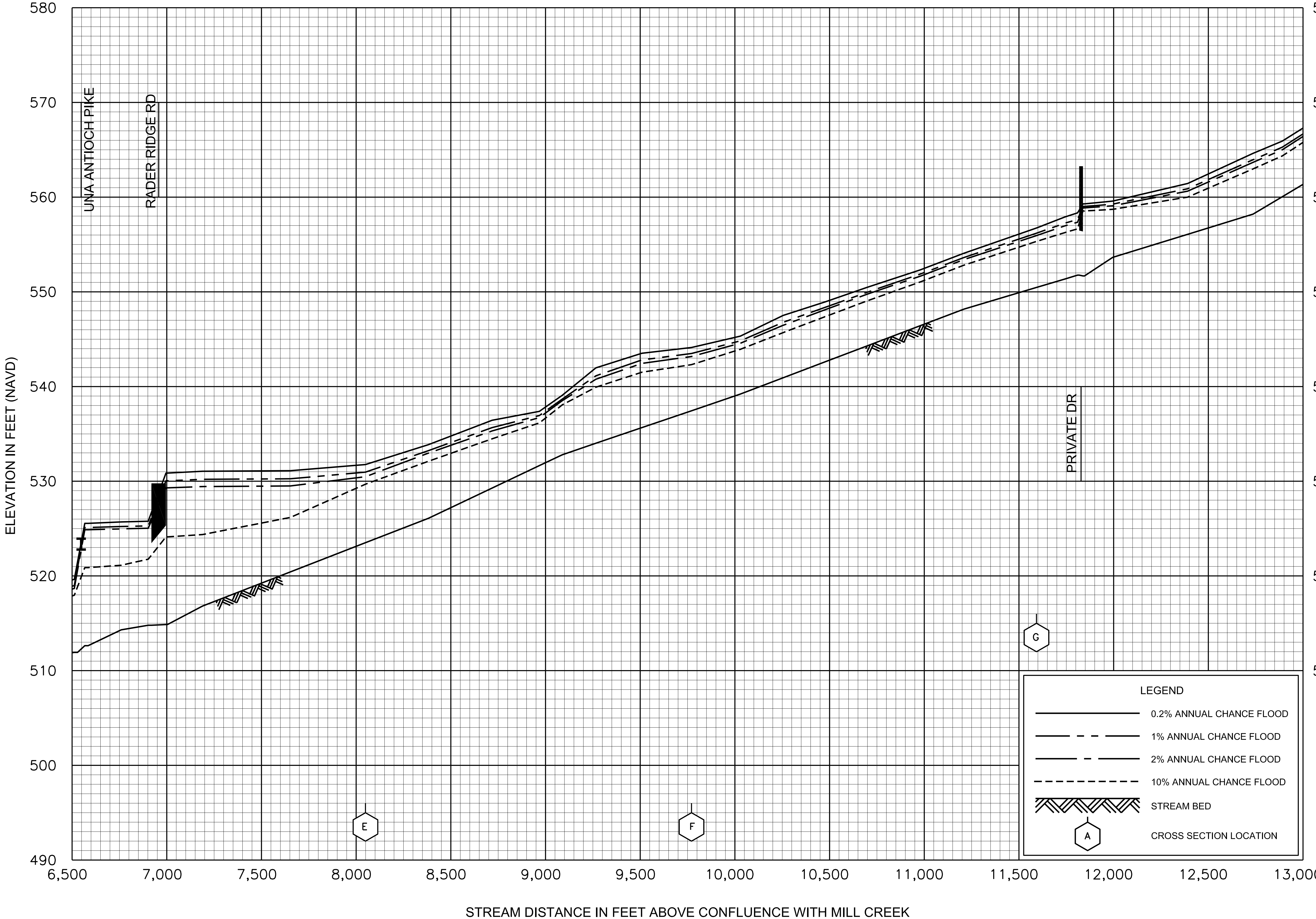


FLOOD PROFILES

FRANKLIN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

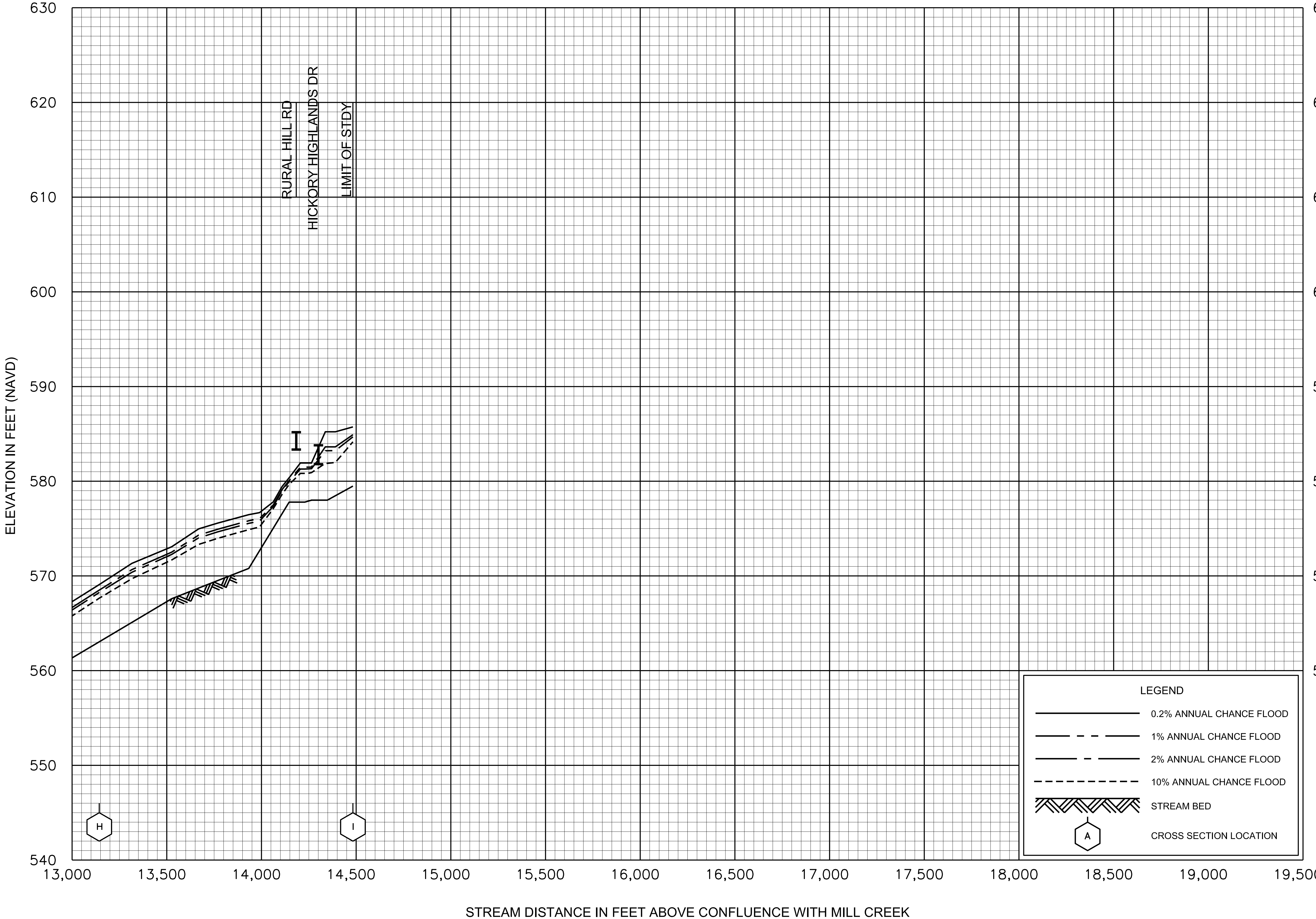
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

FRANKLIN BRANCH

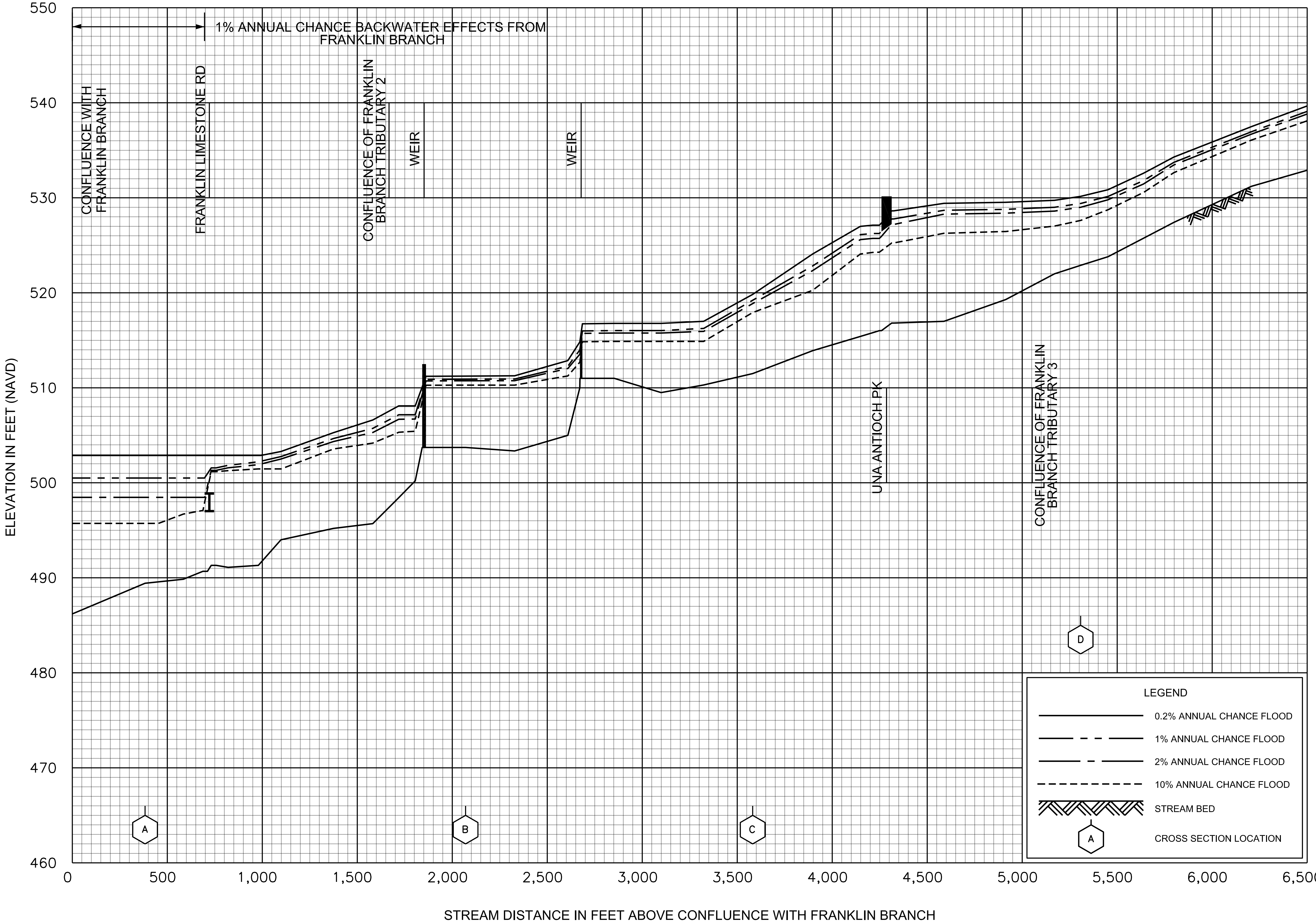
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

FRANKLIN BRANCH

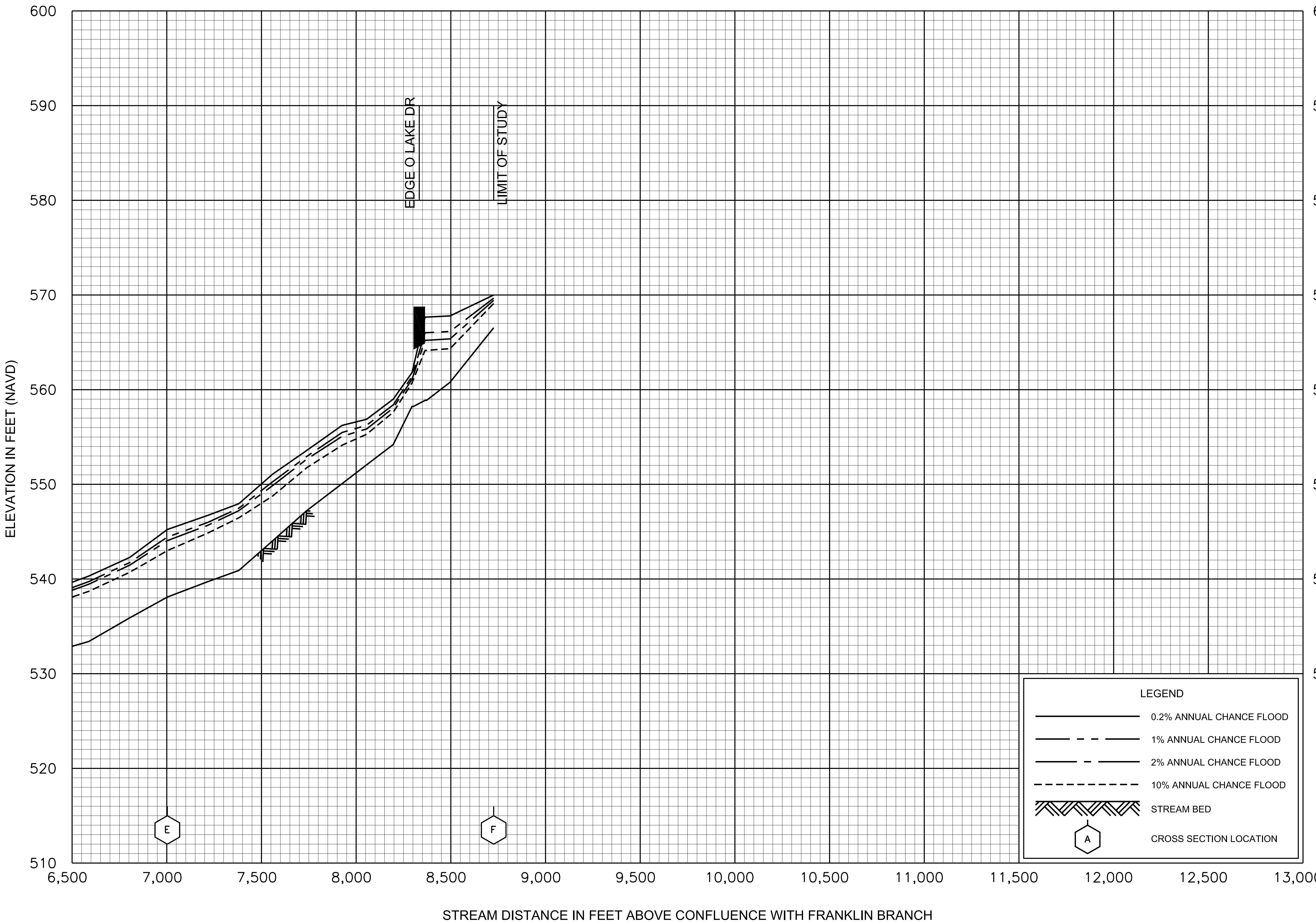
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

FRANKLIN BRANCH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

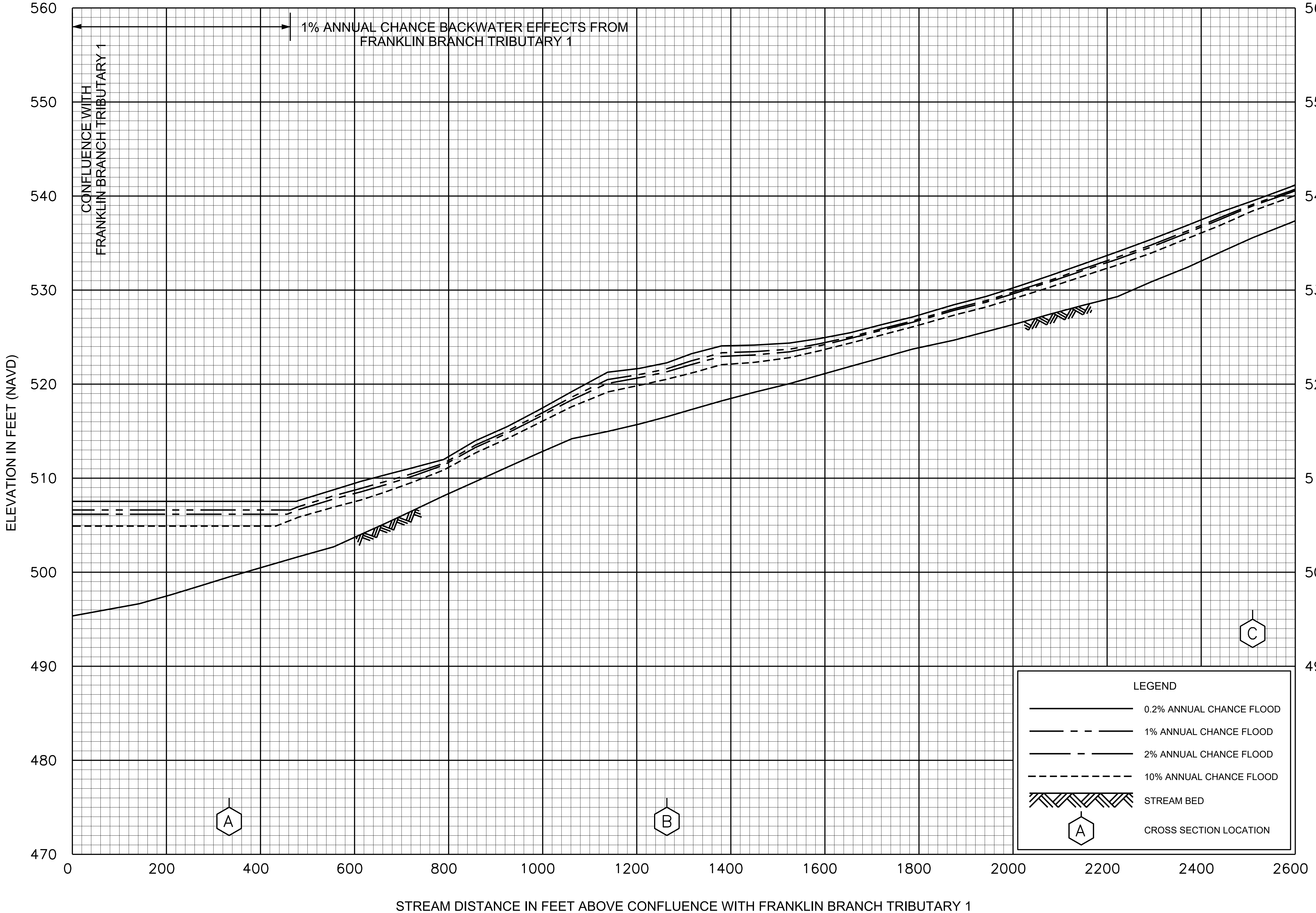


FLOOD PROFILES

FRANKLIN BRANCH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

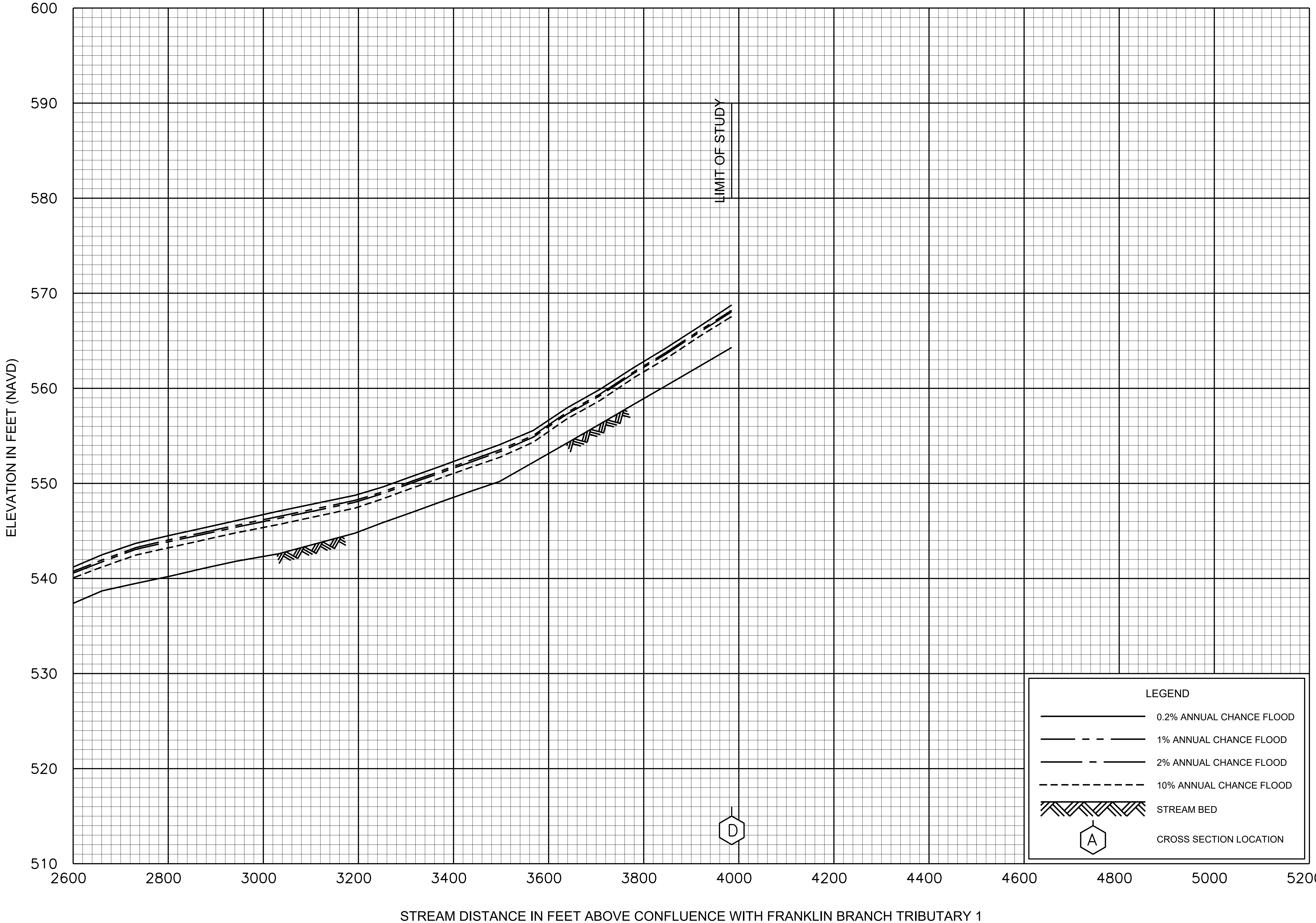
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

FRANKLIN BRANCH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



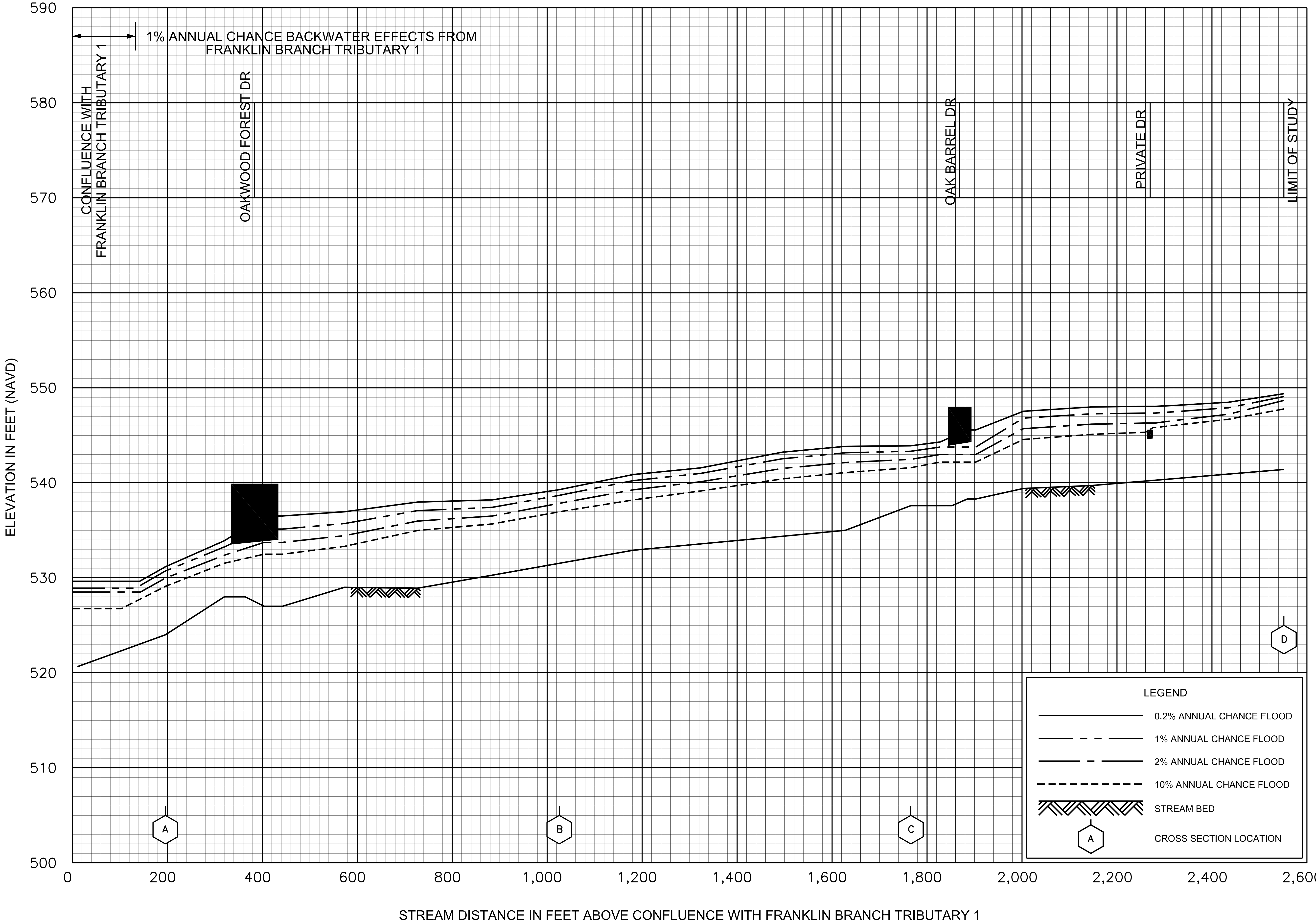
FLOOD PROFILES

FRANKLIN BRANCH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

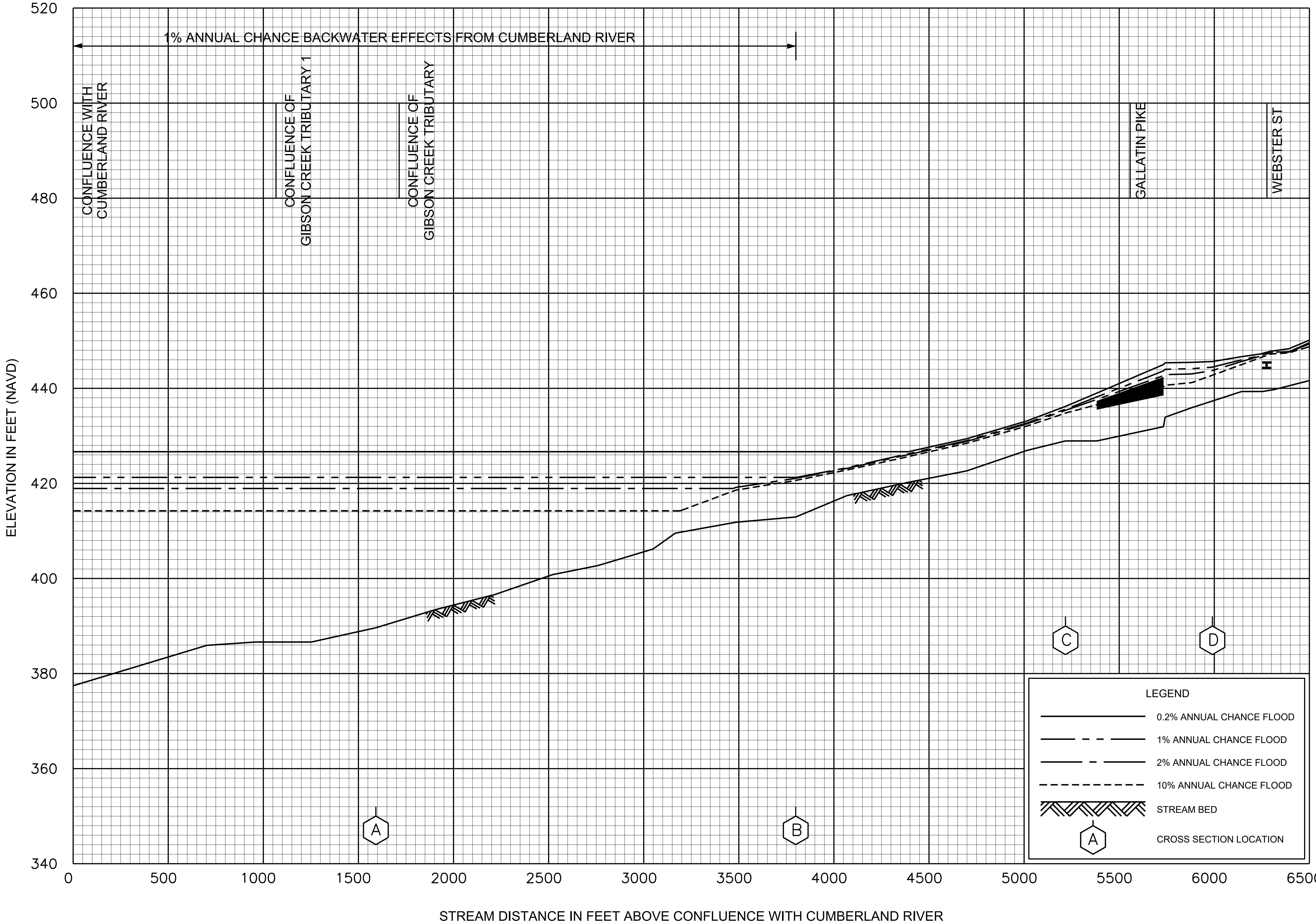


FLOOD PROFILES

FRANKLIN BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

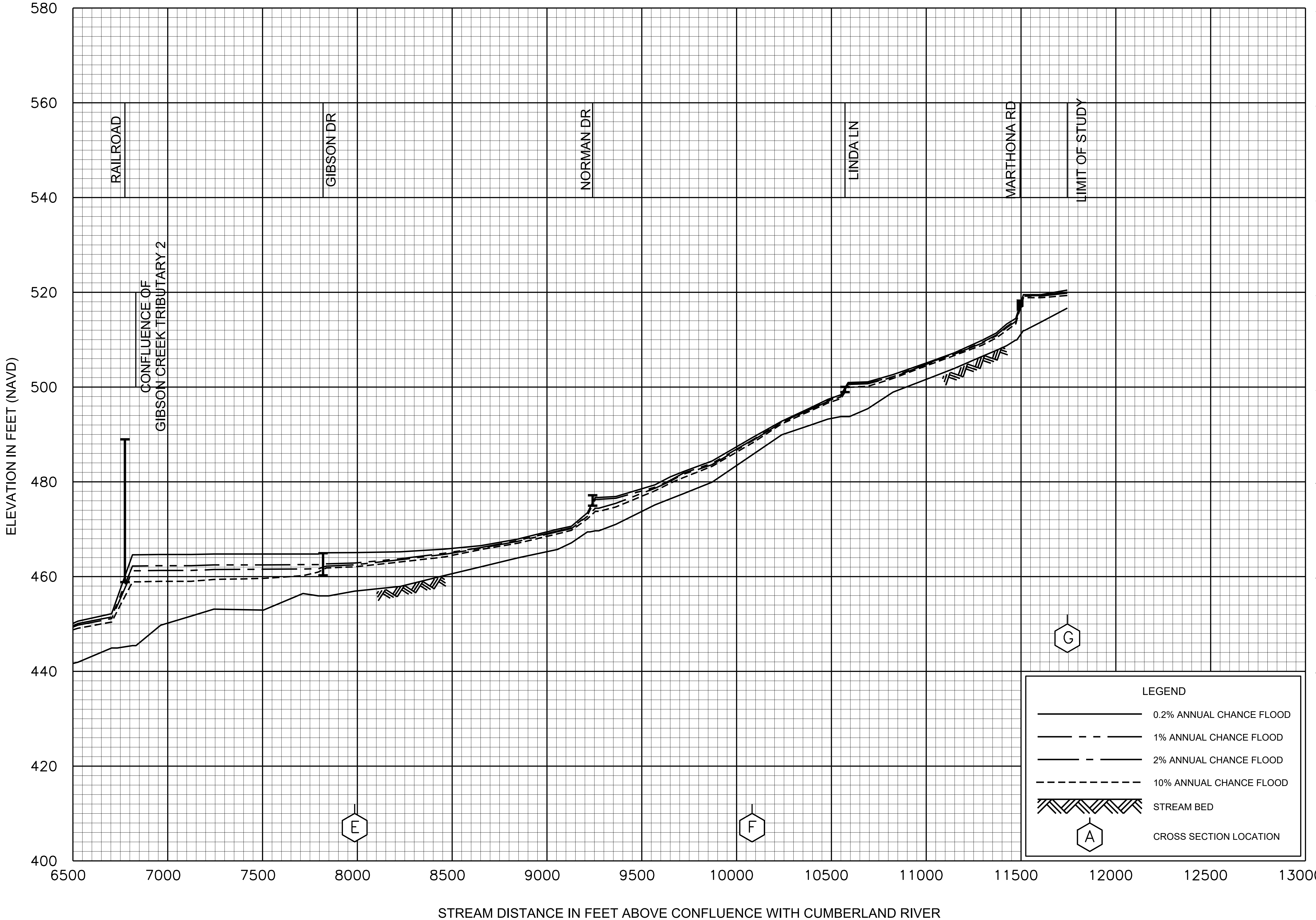
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

GIBSON CREEK

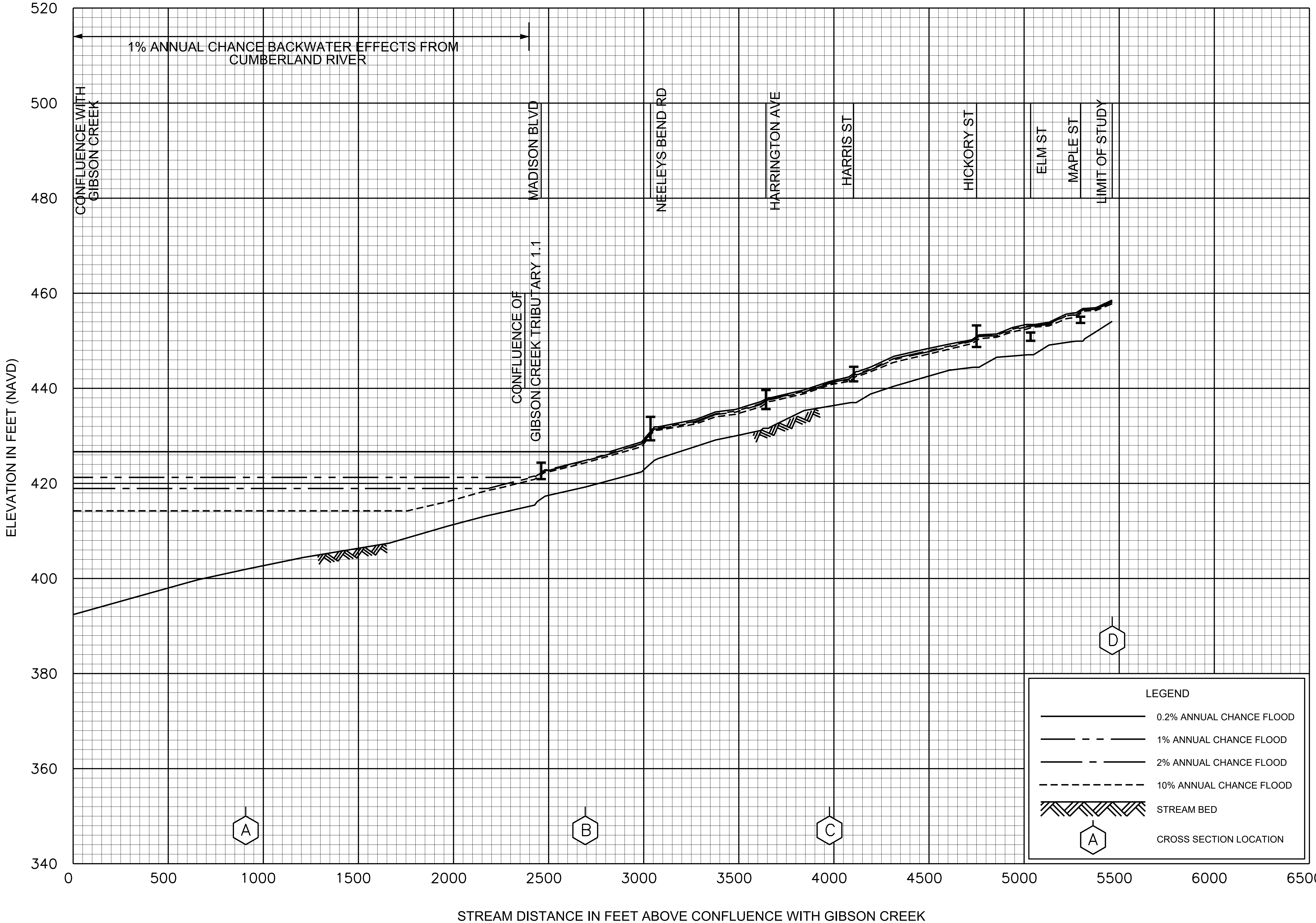
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

GIBSON CREEK

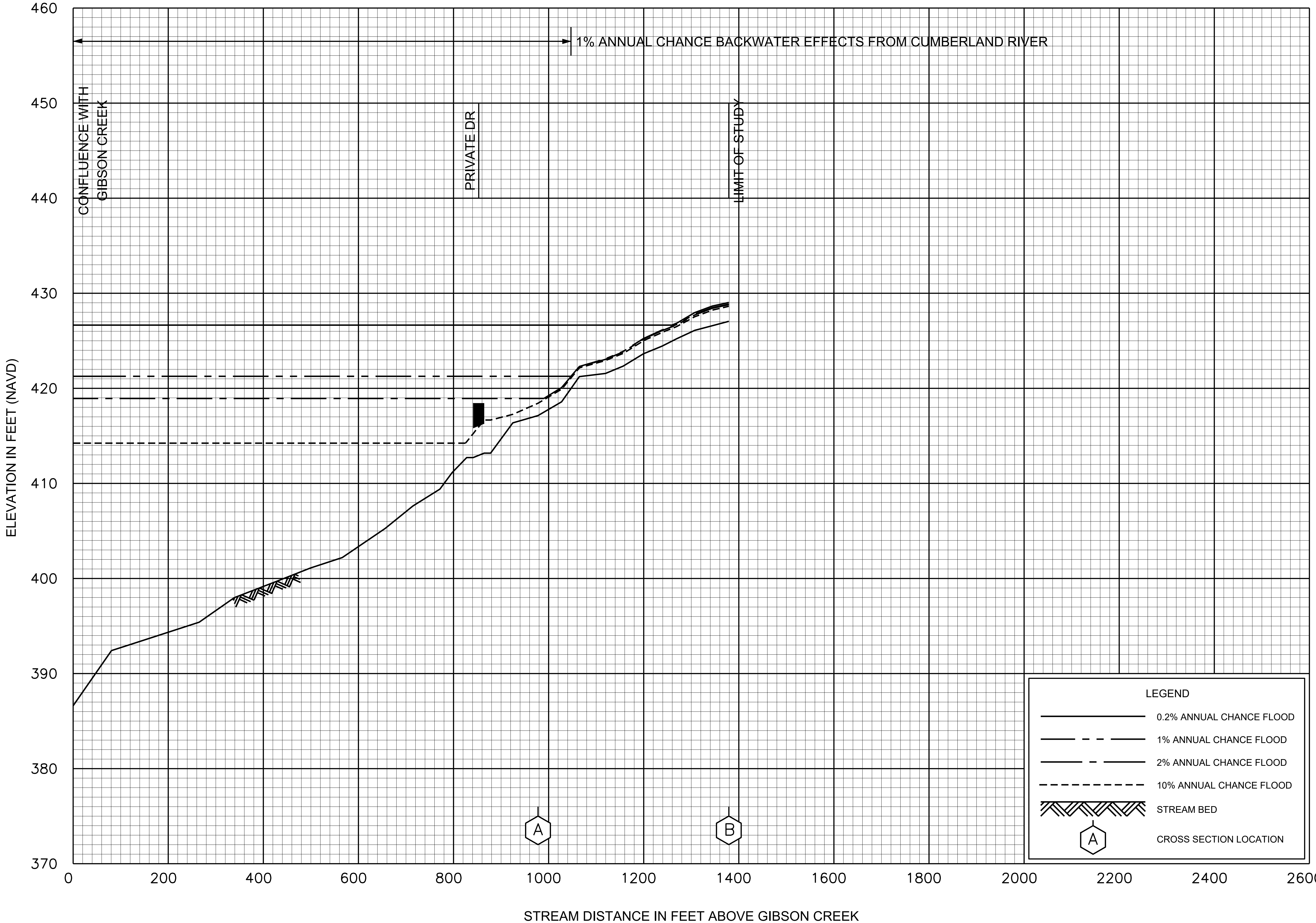
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

GIBSON CREEK TRIBUTARY

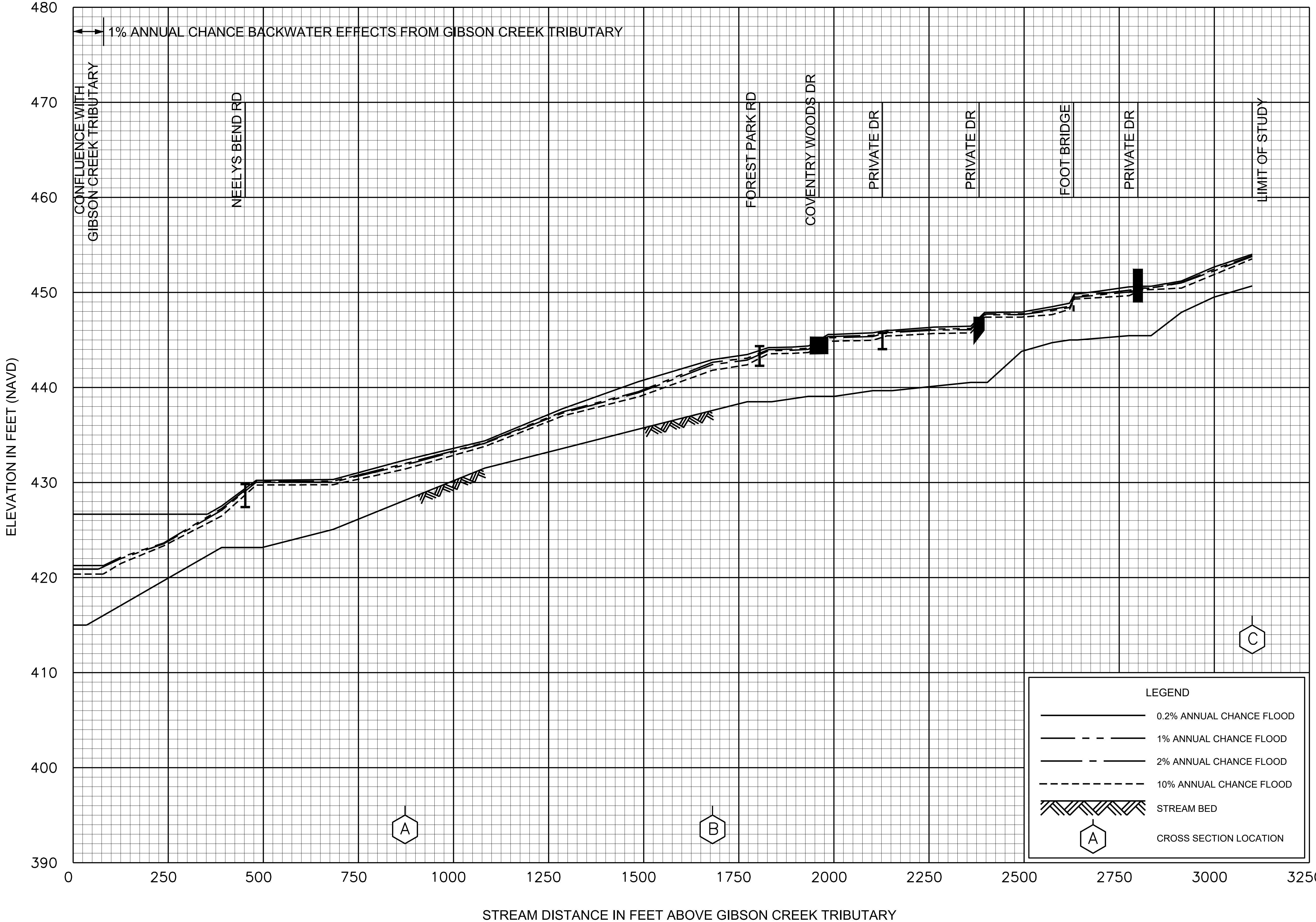
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

GIBSON CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



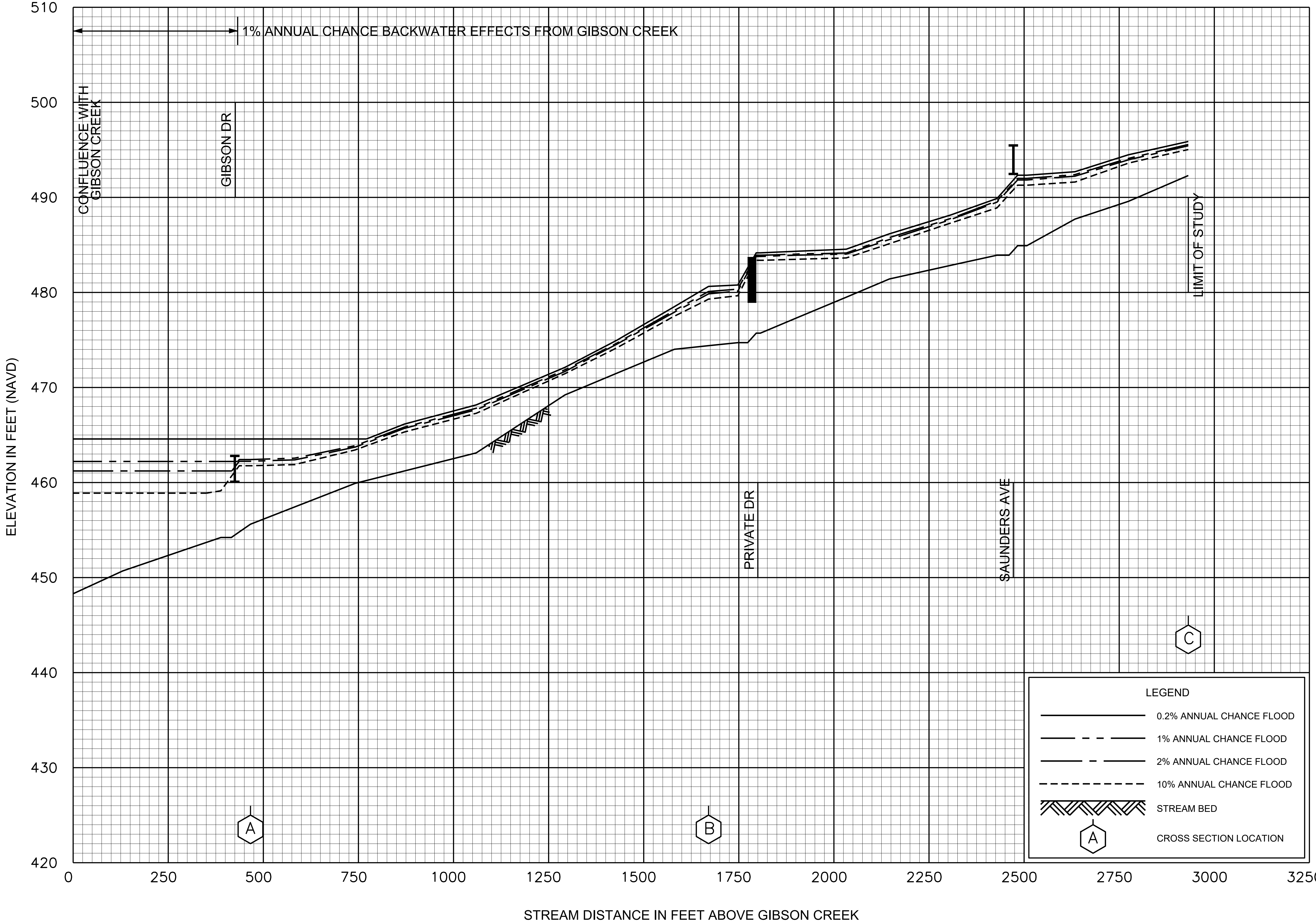
FLOOD PROFILES

GIBSON CREEK TRIBUTARY 1.1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

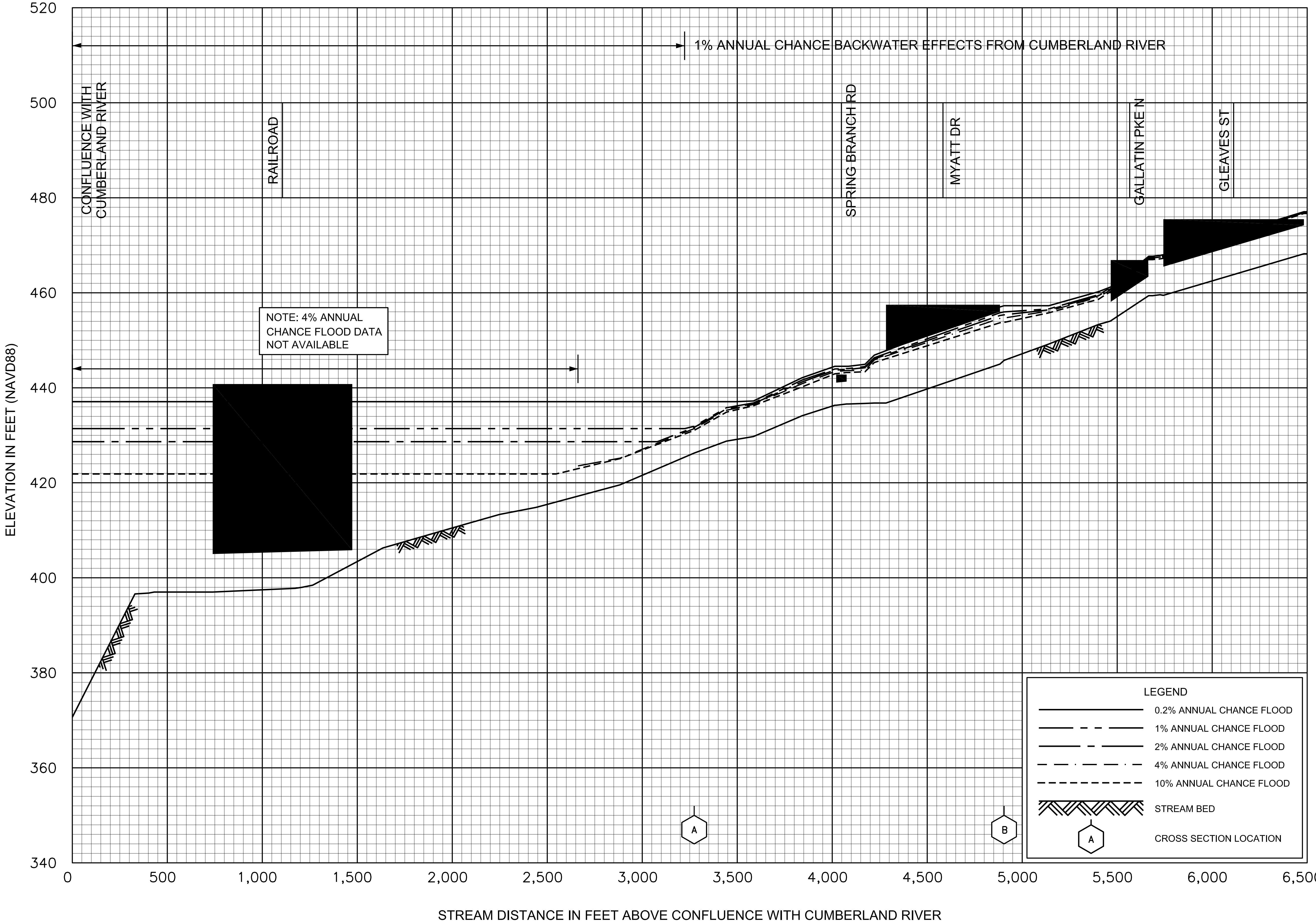
136P



FLOOD PROFILES

GIBSON CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



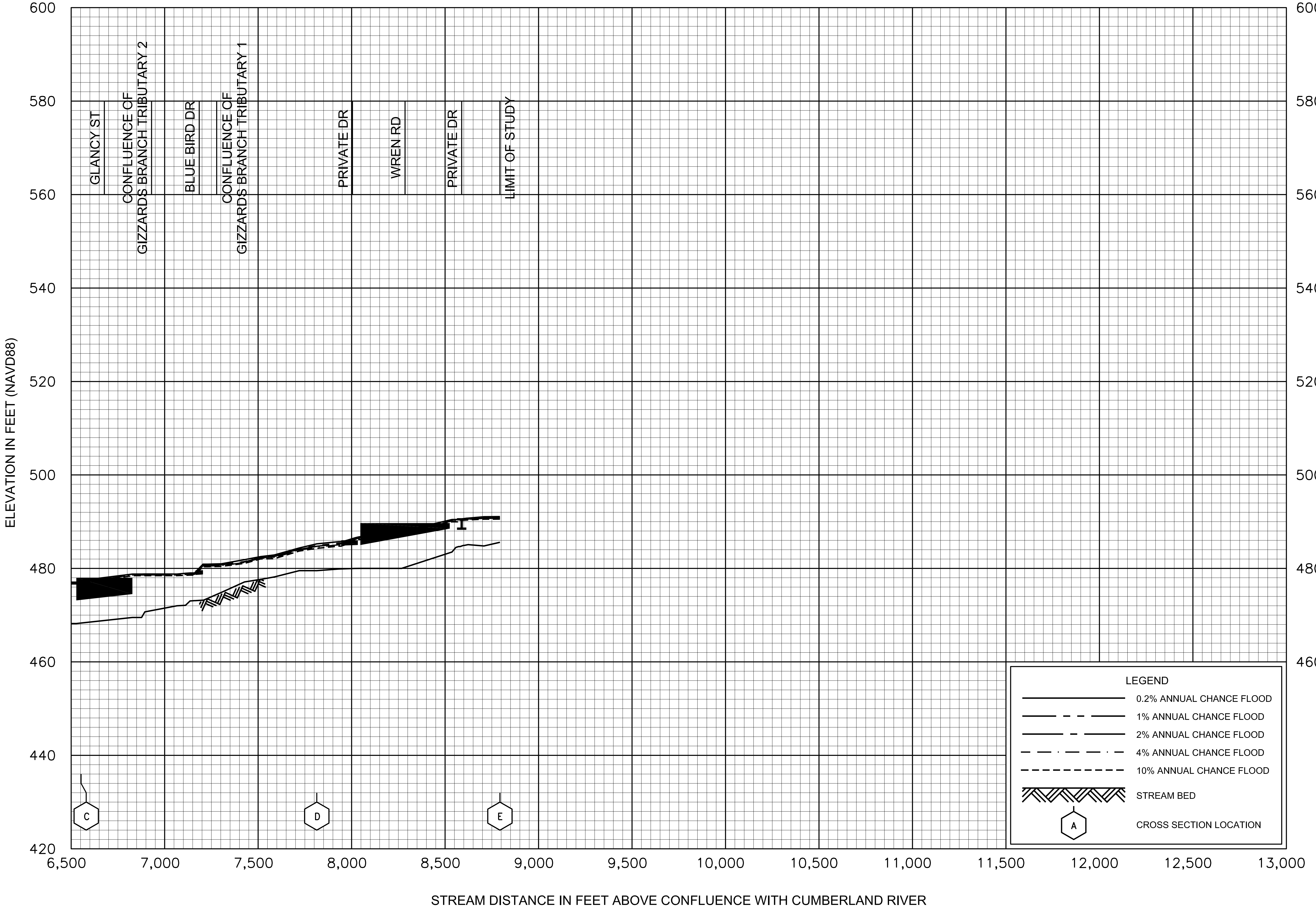
FLOOD PROFILES

GIZZARDS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

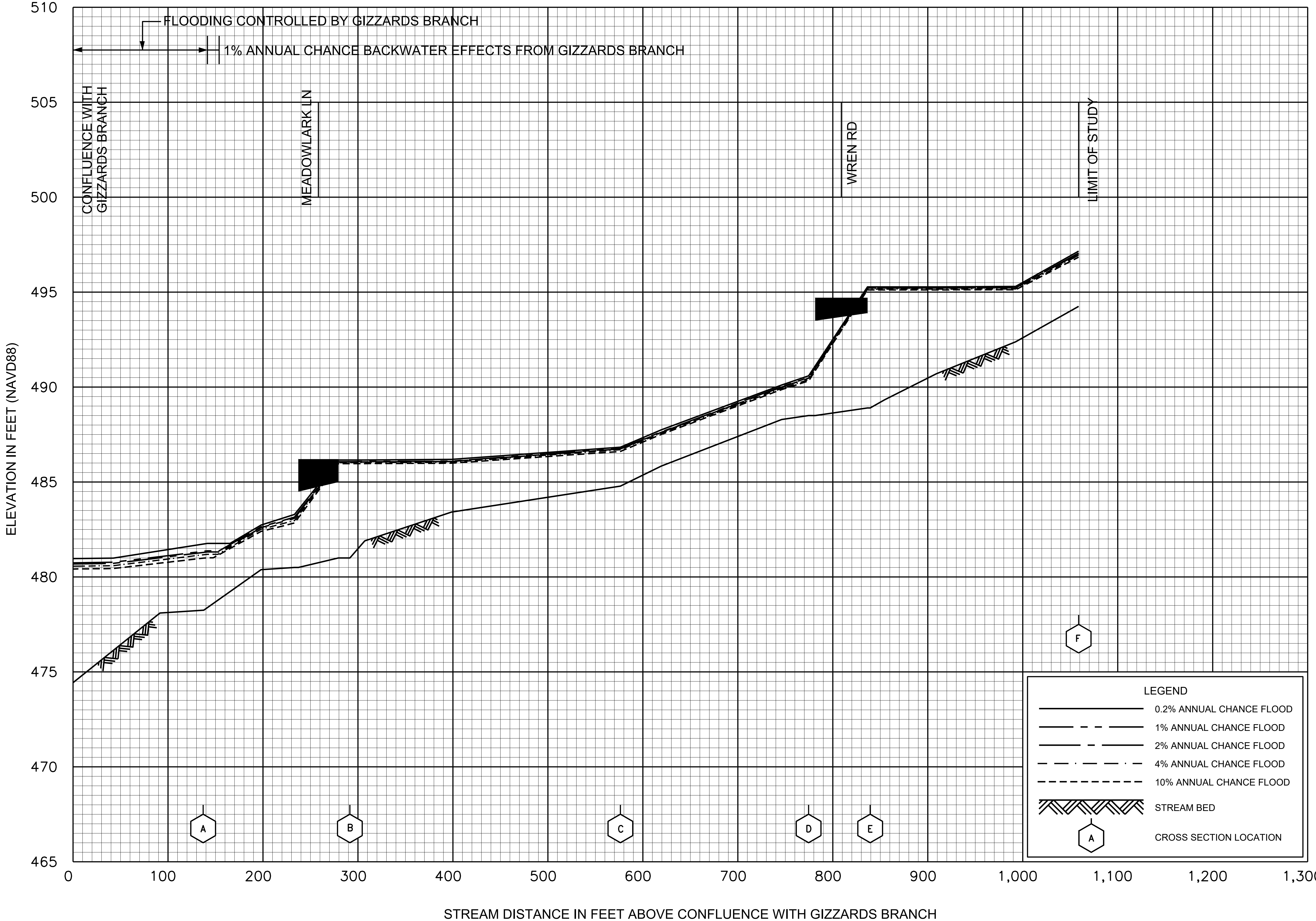


FLOOD PROFILES

GIZZARDS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

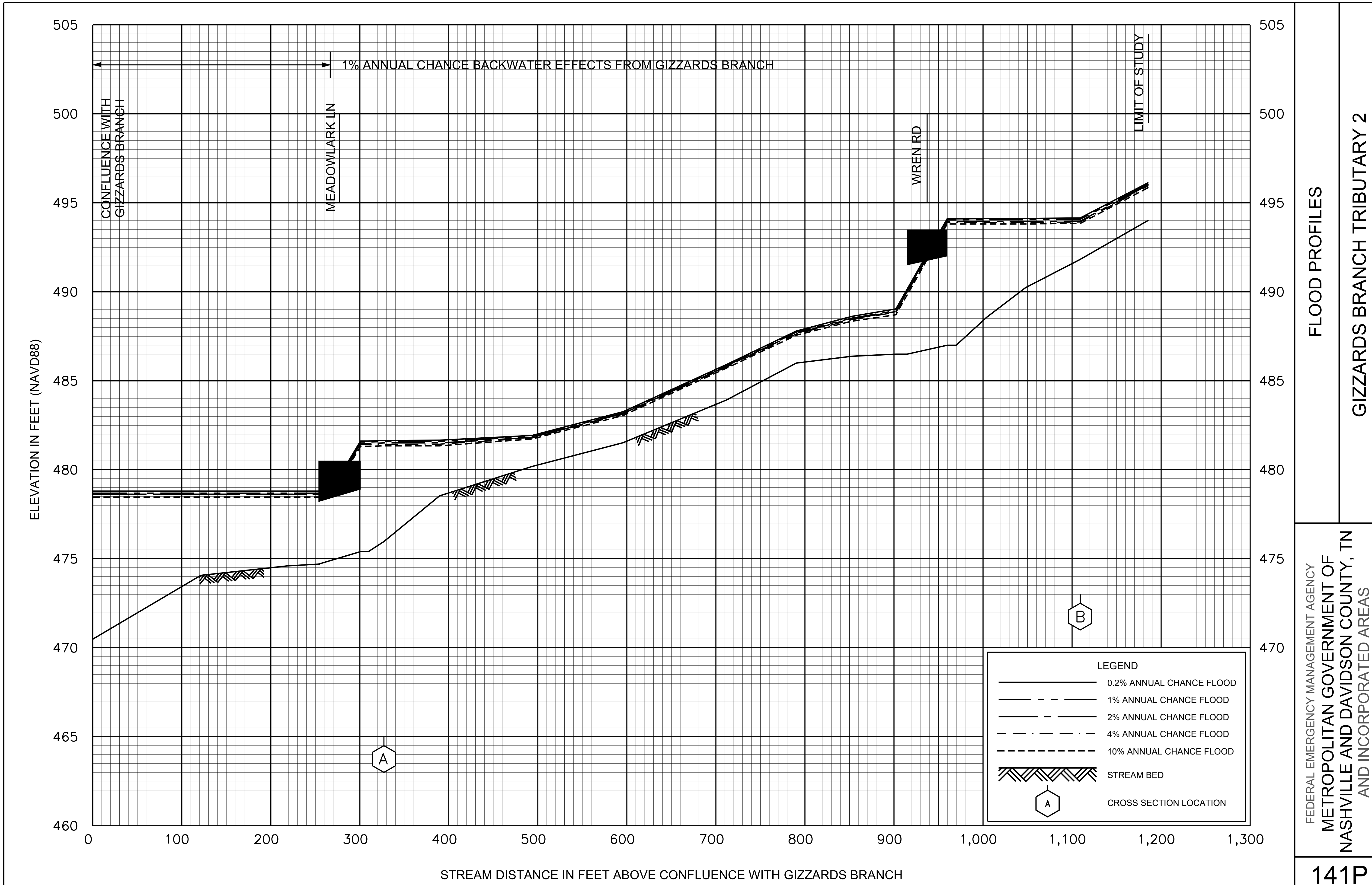


FLOOD PROFILES

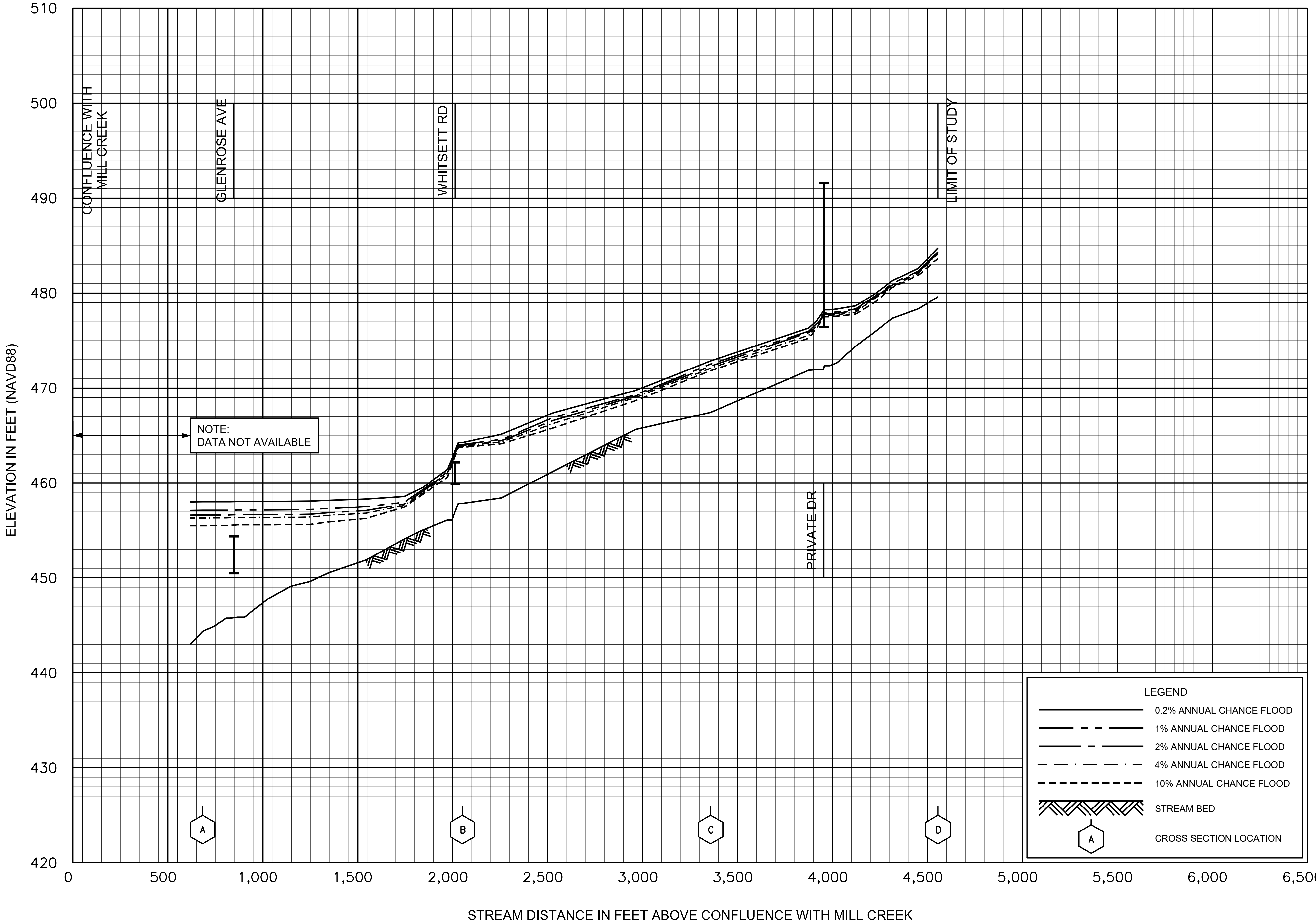
GIZZARDS BRANCH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



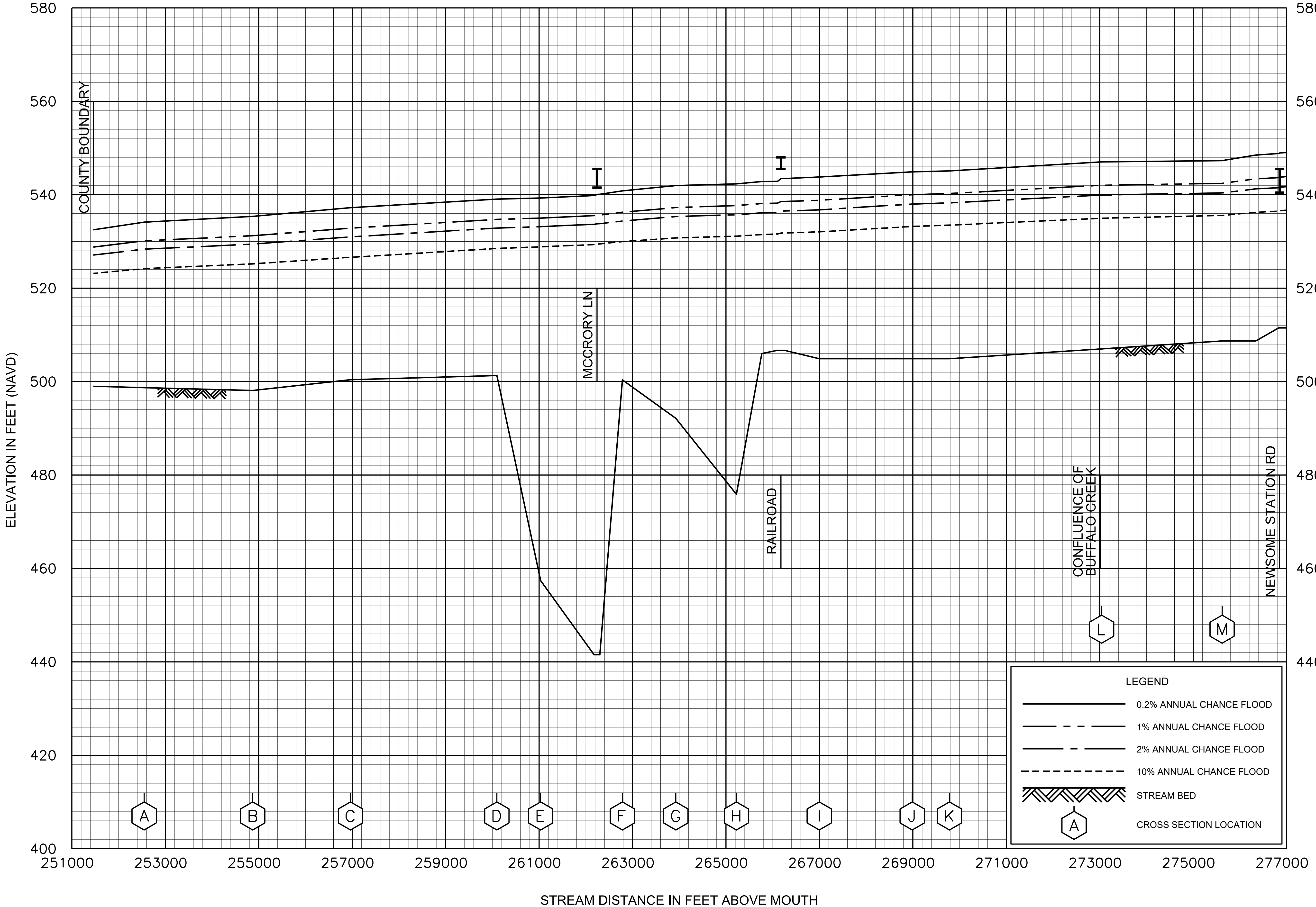
1% ANNUAL CHANCE BACKWATER EFFECTS FROM GIZZARDS BRANCH
CONFLUENCE WITH GIZZARDS BRANCH
MEADOWLARK LN
WREN RD
LIMIT OF STUDY
ELEVATION IN FEET (NAVD88)
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH GIZZARDS BRANCH
505
500
495
490
485
480
475
470
465
460
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
1,300
A
B
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
4% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION
FLOOD PROFILES
GIZZARDS BRANCH TRIBUTARY 2
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS
141P



FLOOD PROFILES

GLENROSE BRANCH

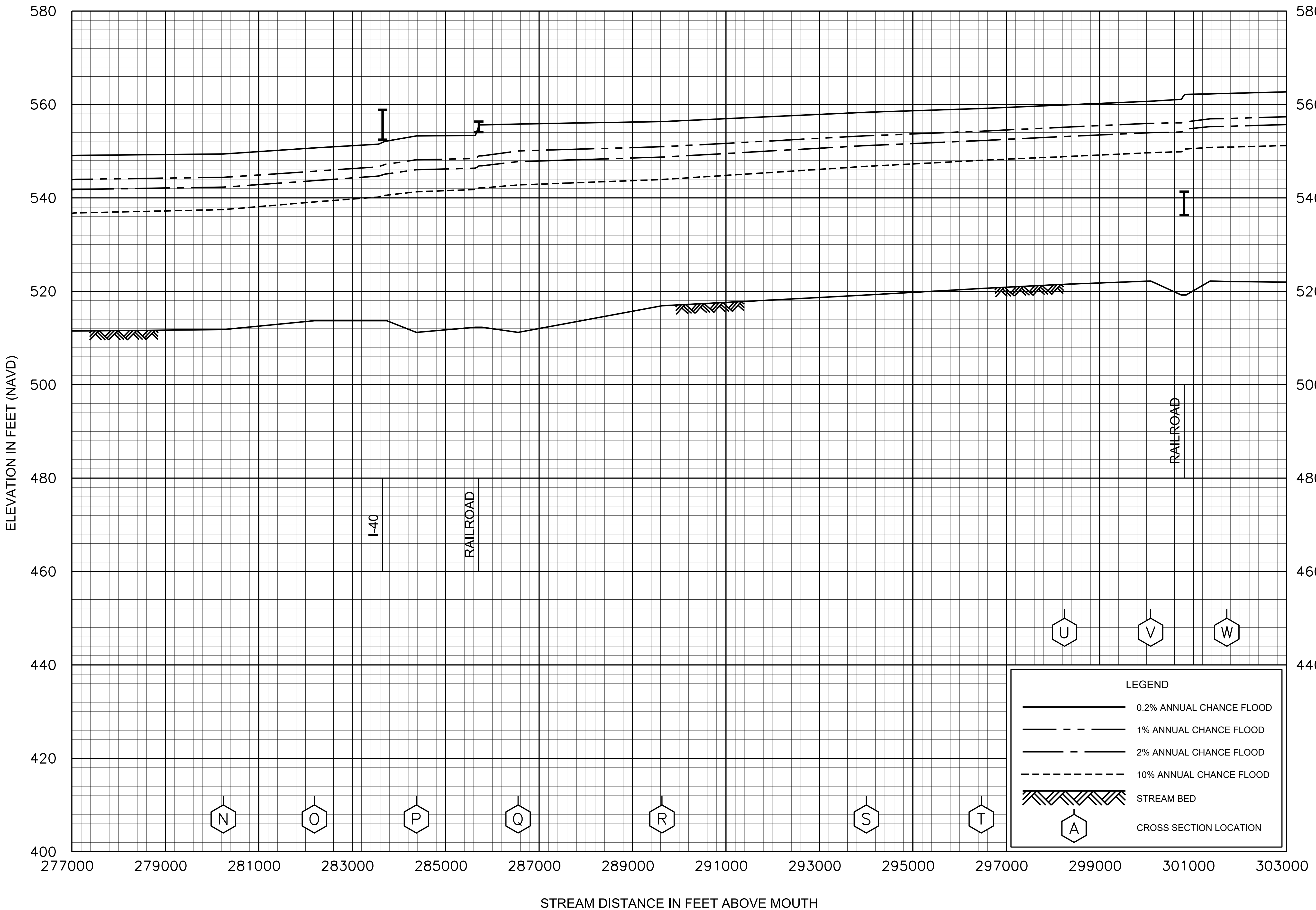
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

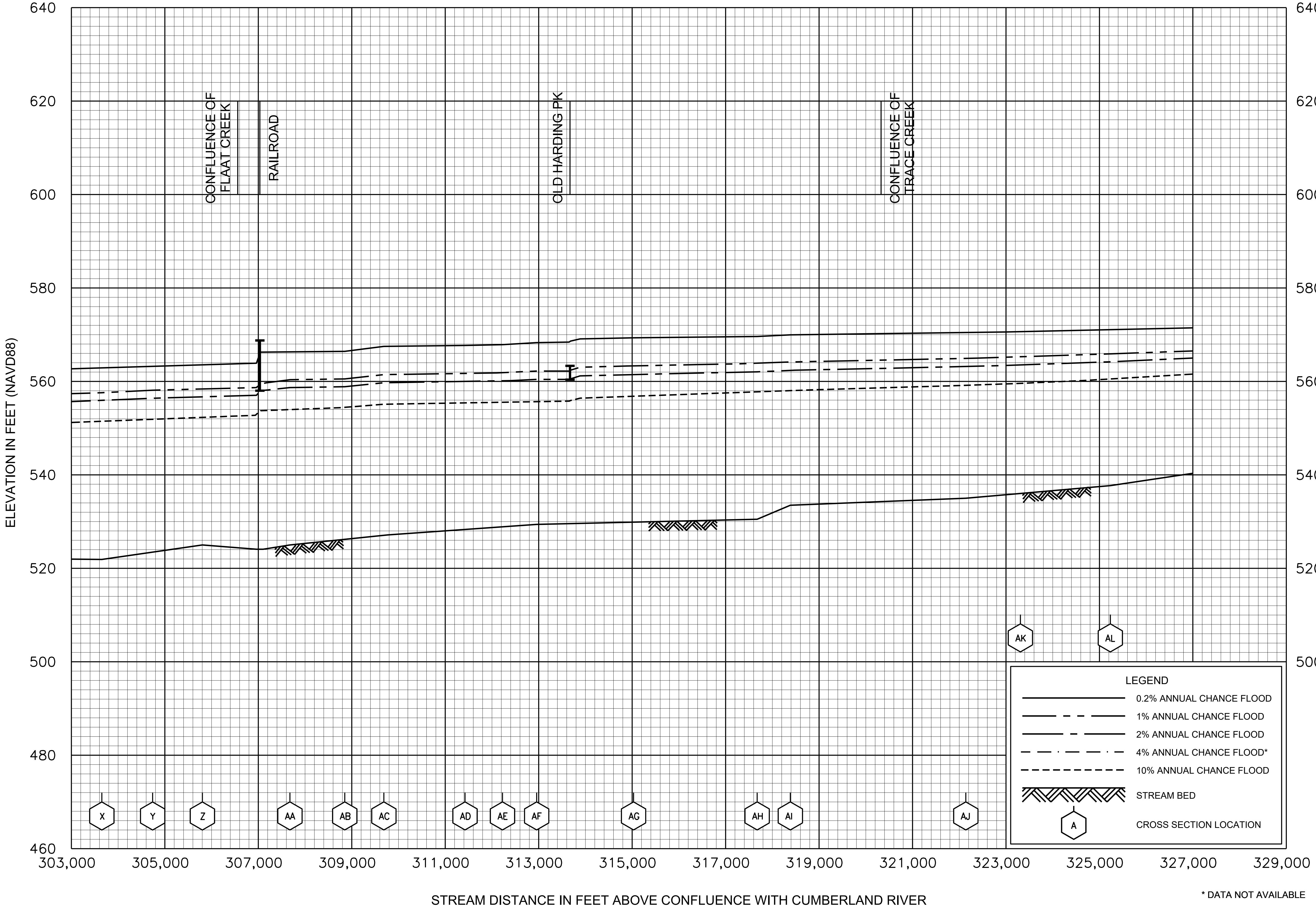


FLOOD PROFILES

HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

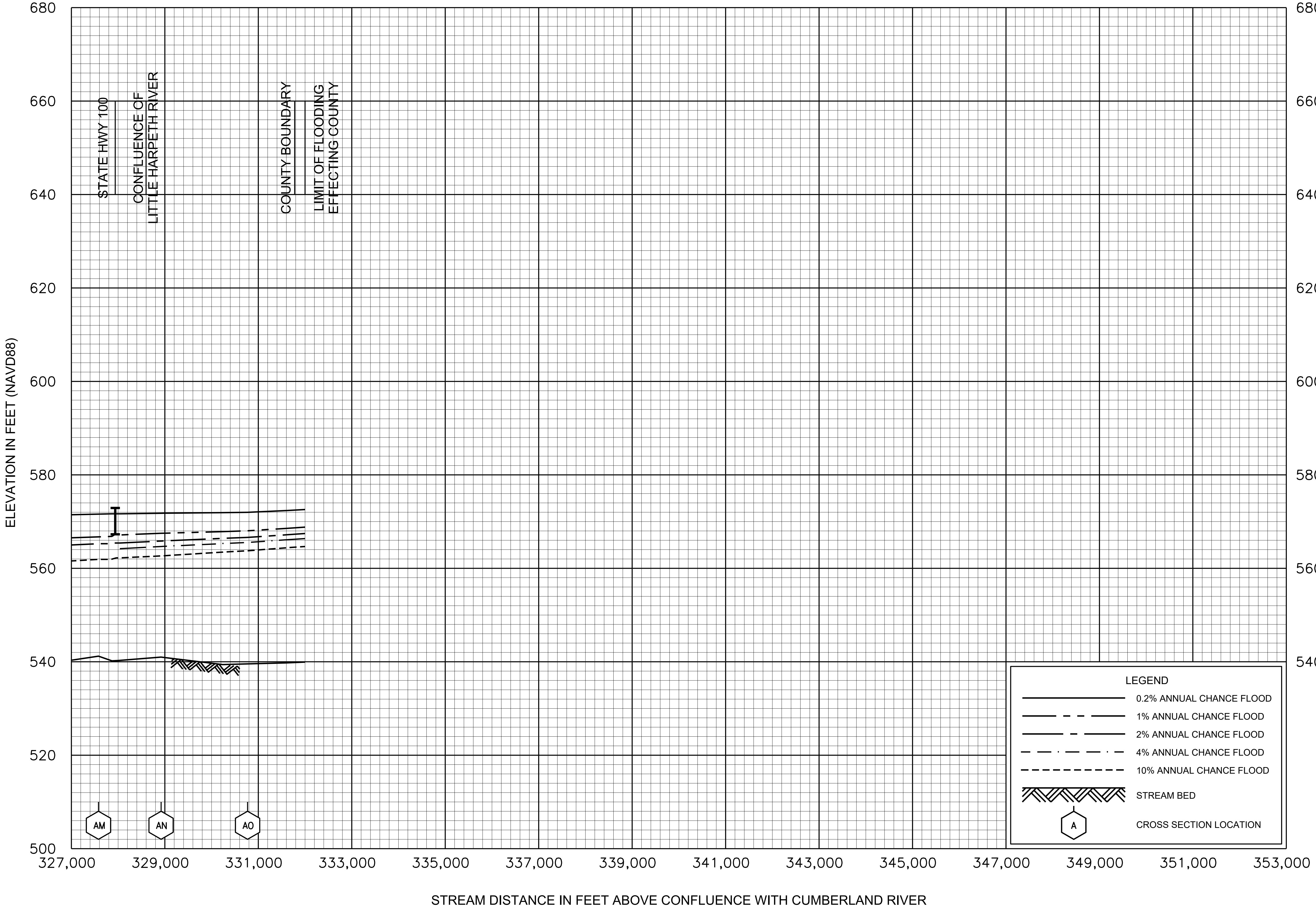


* DATA NOT AVAILABLE

FLOOD PROFILES

HARPETH RIVER

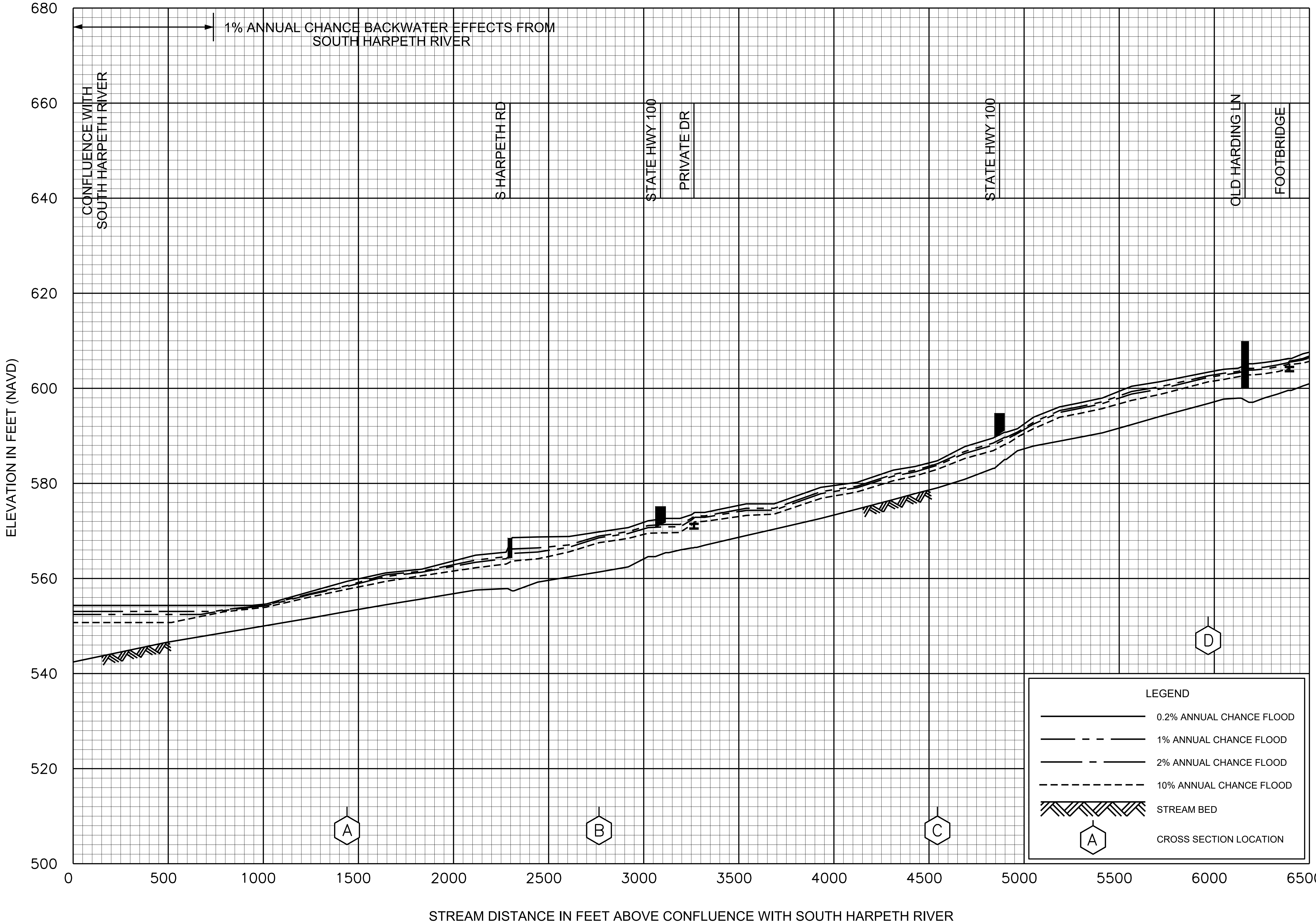
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

HARPETH RIVER

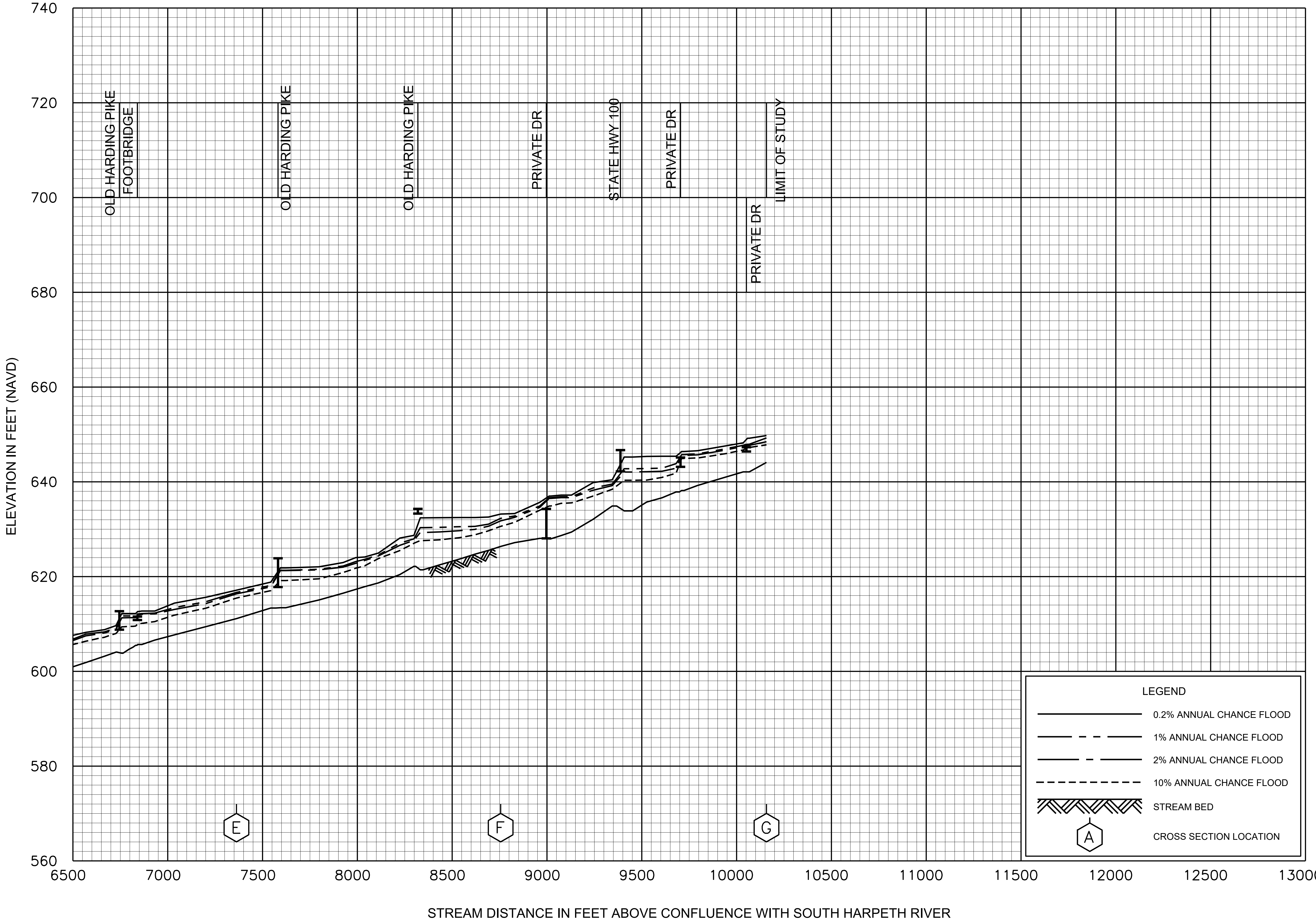
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

HIGHWAY 100 TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

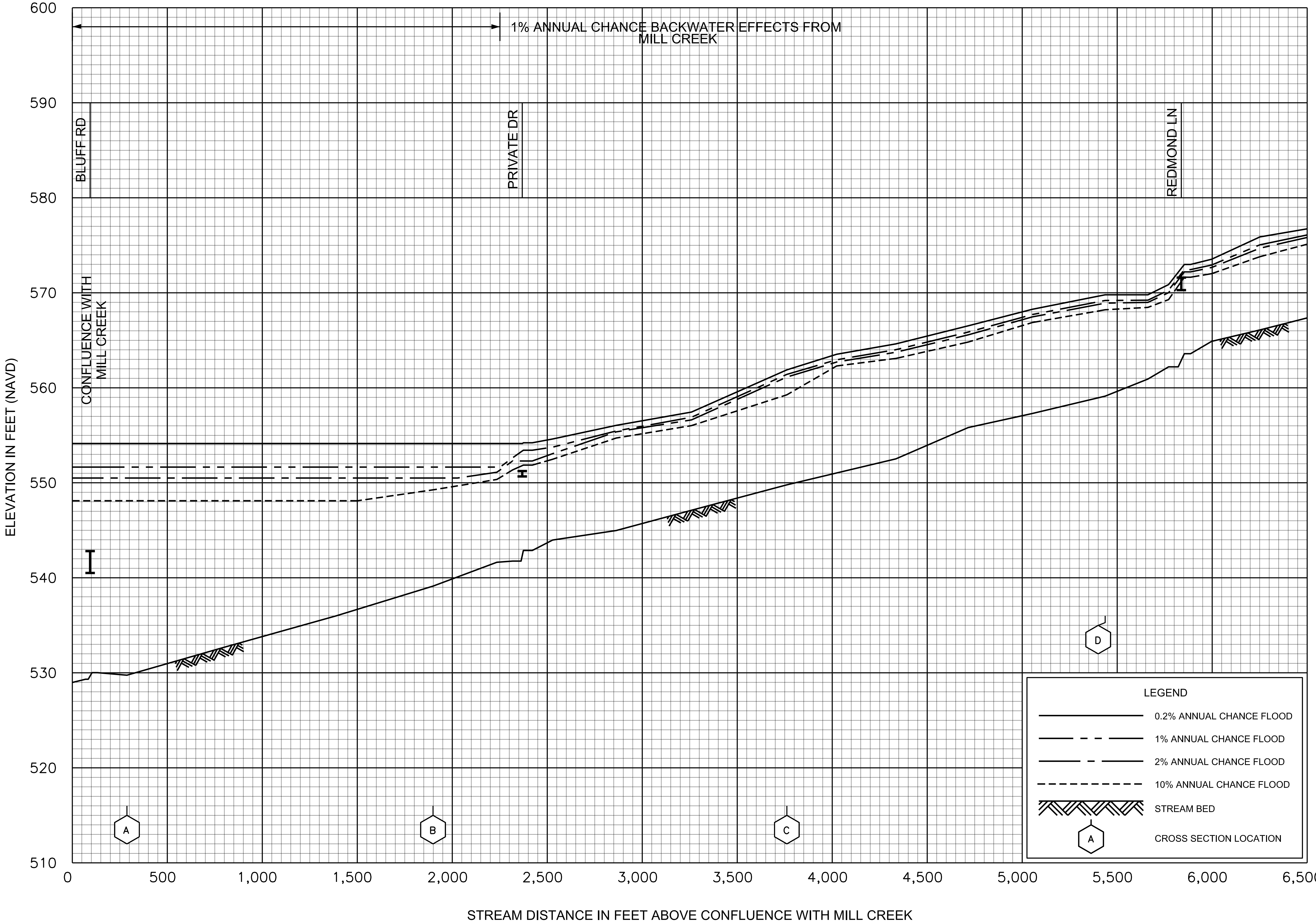


FLOOD PROFILES

HIGHWAY 100 TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

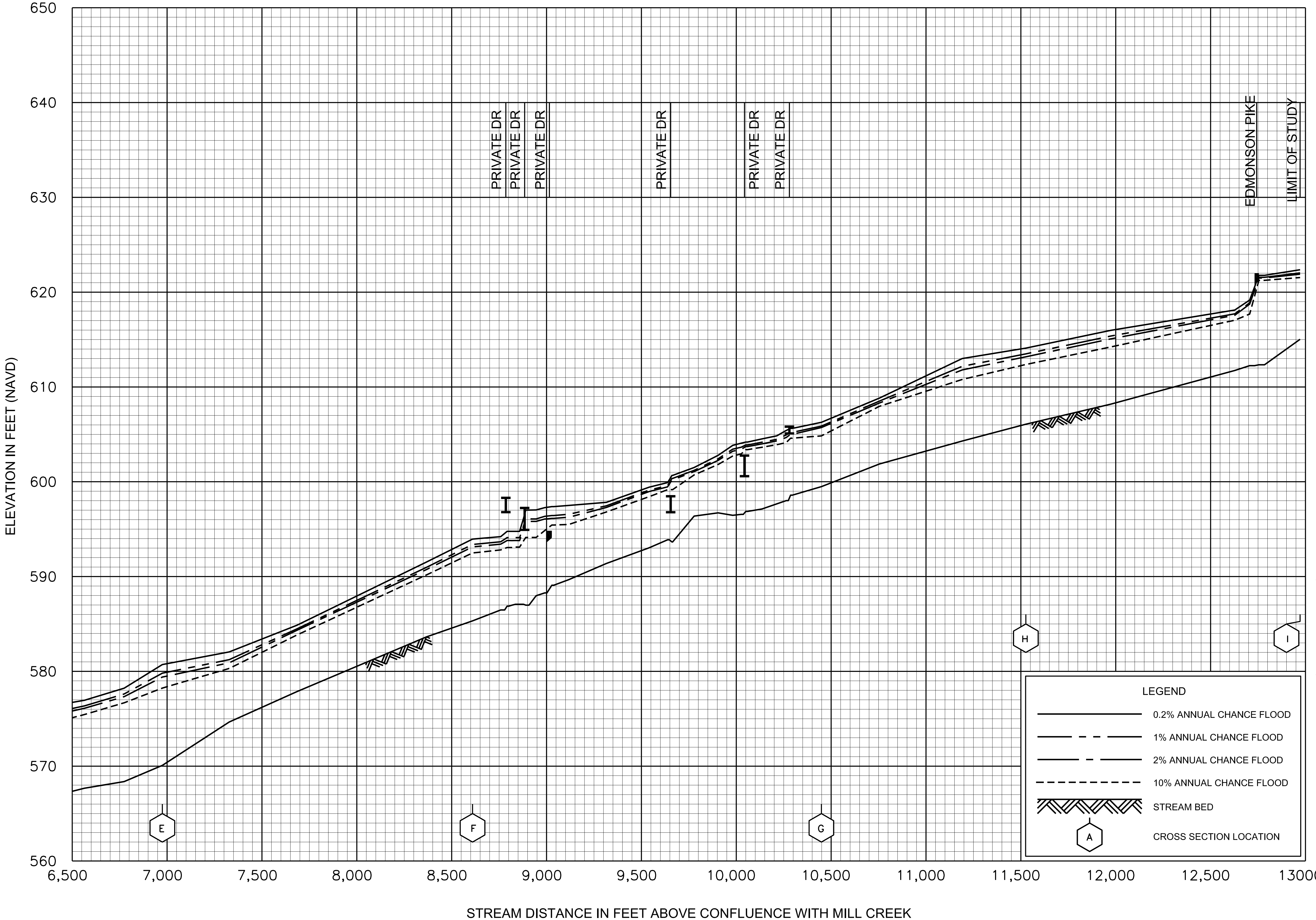


FLOOD PROFILES

HOLT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

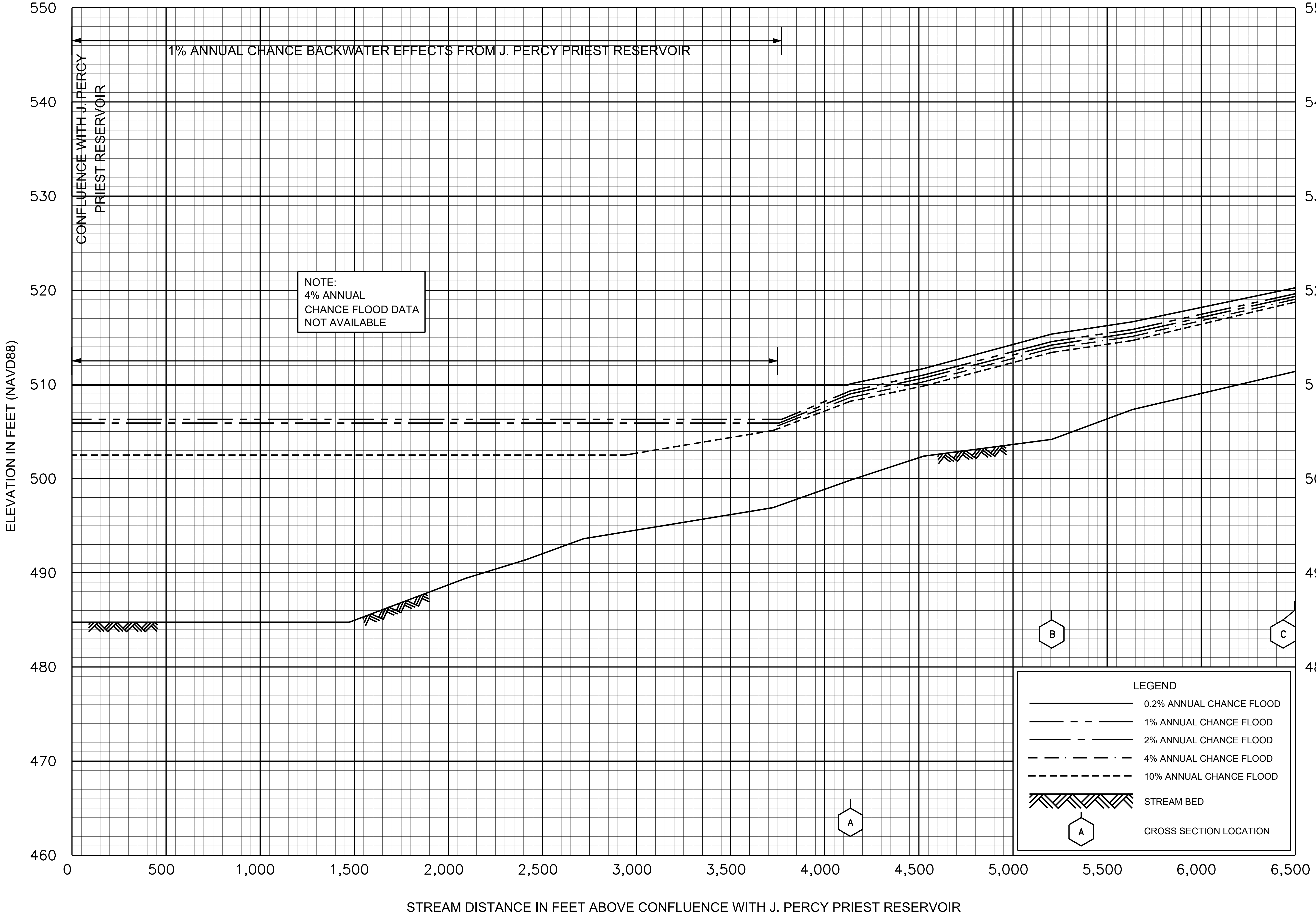


FLOOD PROFILES

HOLT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

150P

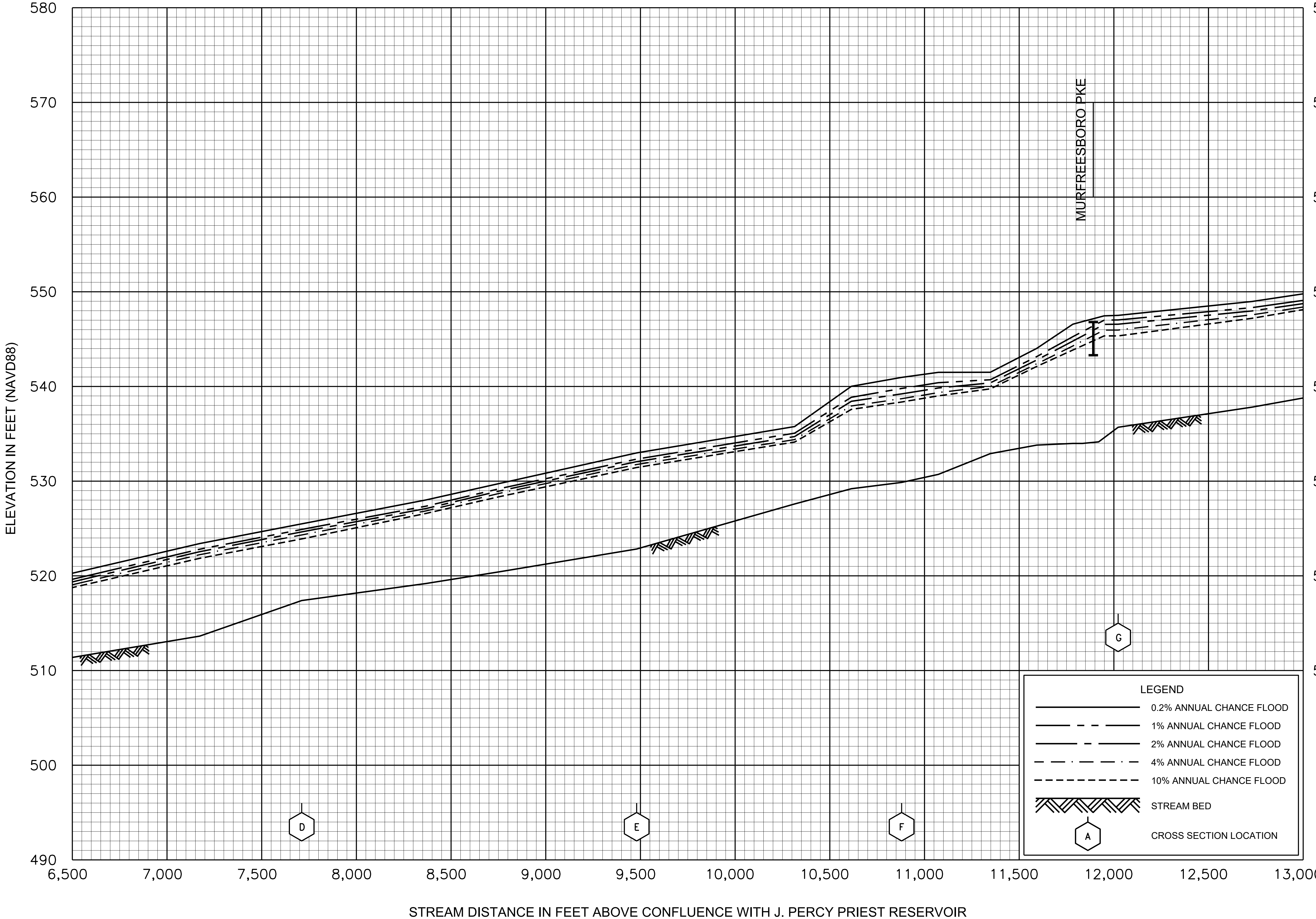


FLOOD PROFILES

HURRICANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

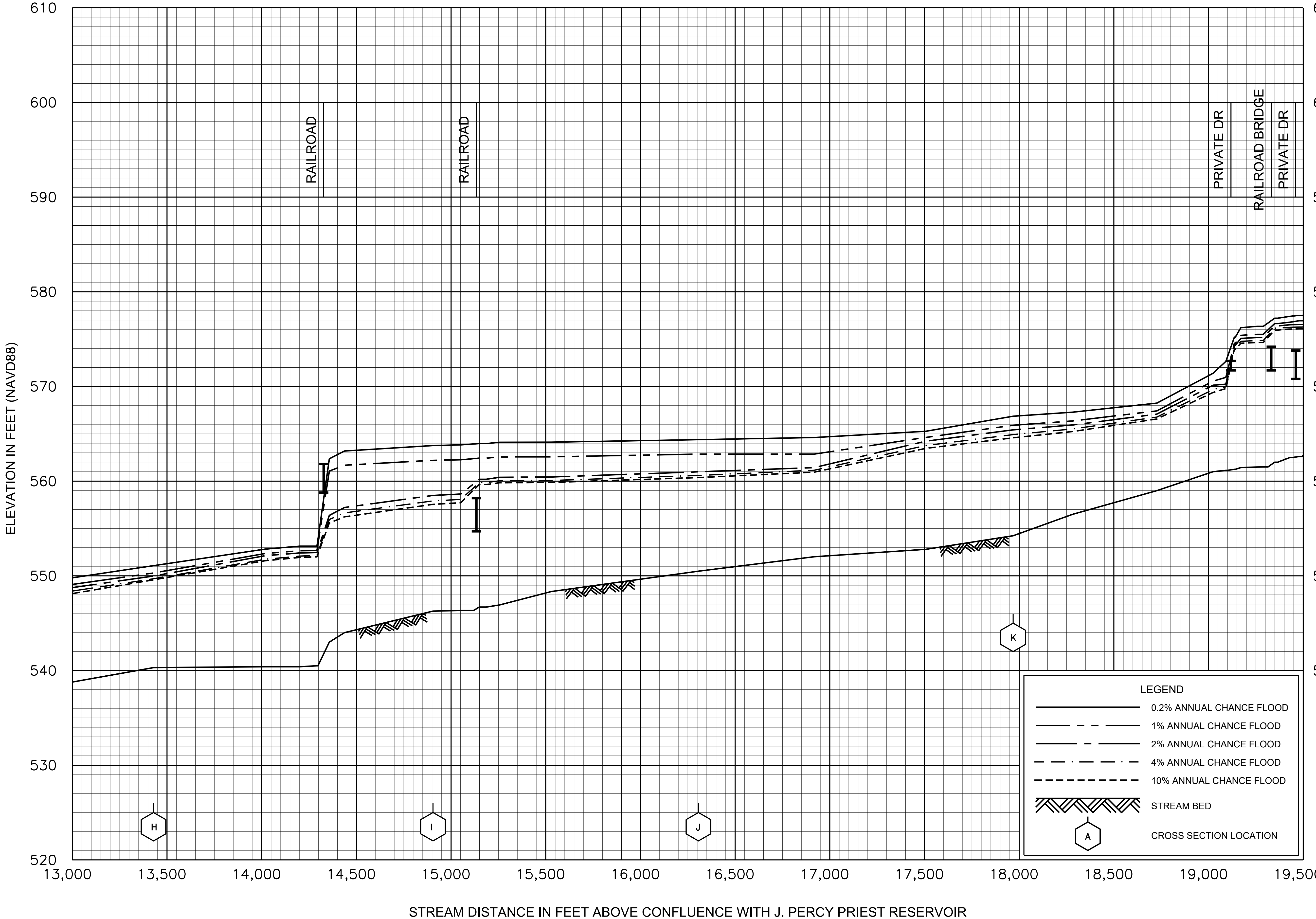
151P



FLOOD PROFILES

HURRICANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

HURRICANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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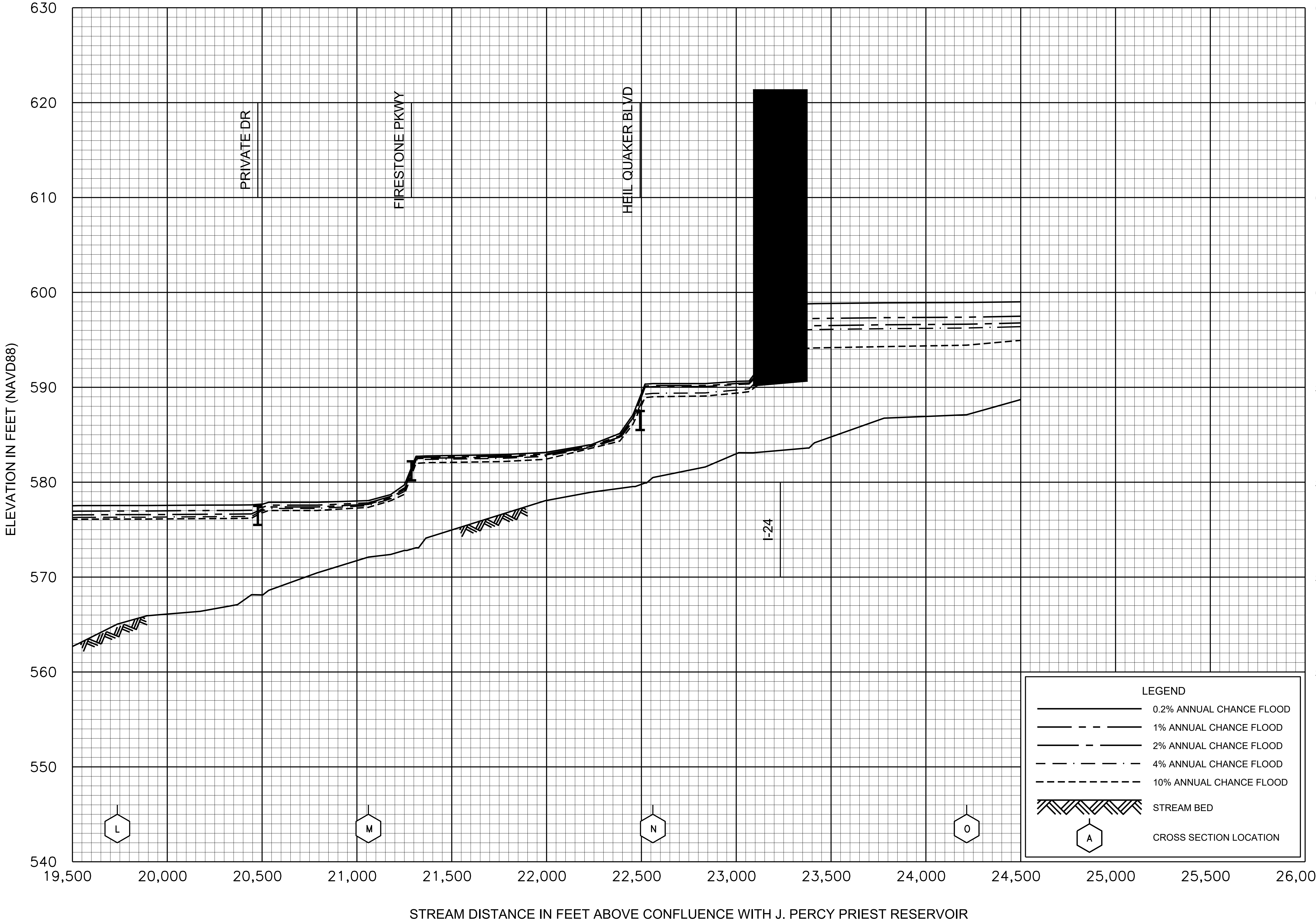

FLOOD PROFILES

HURRICANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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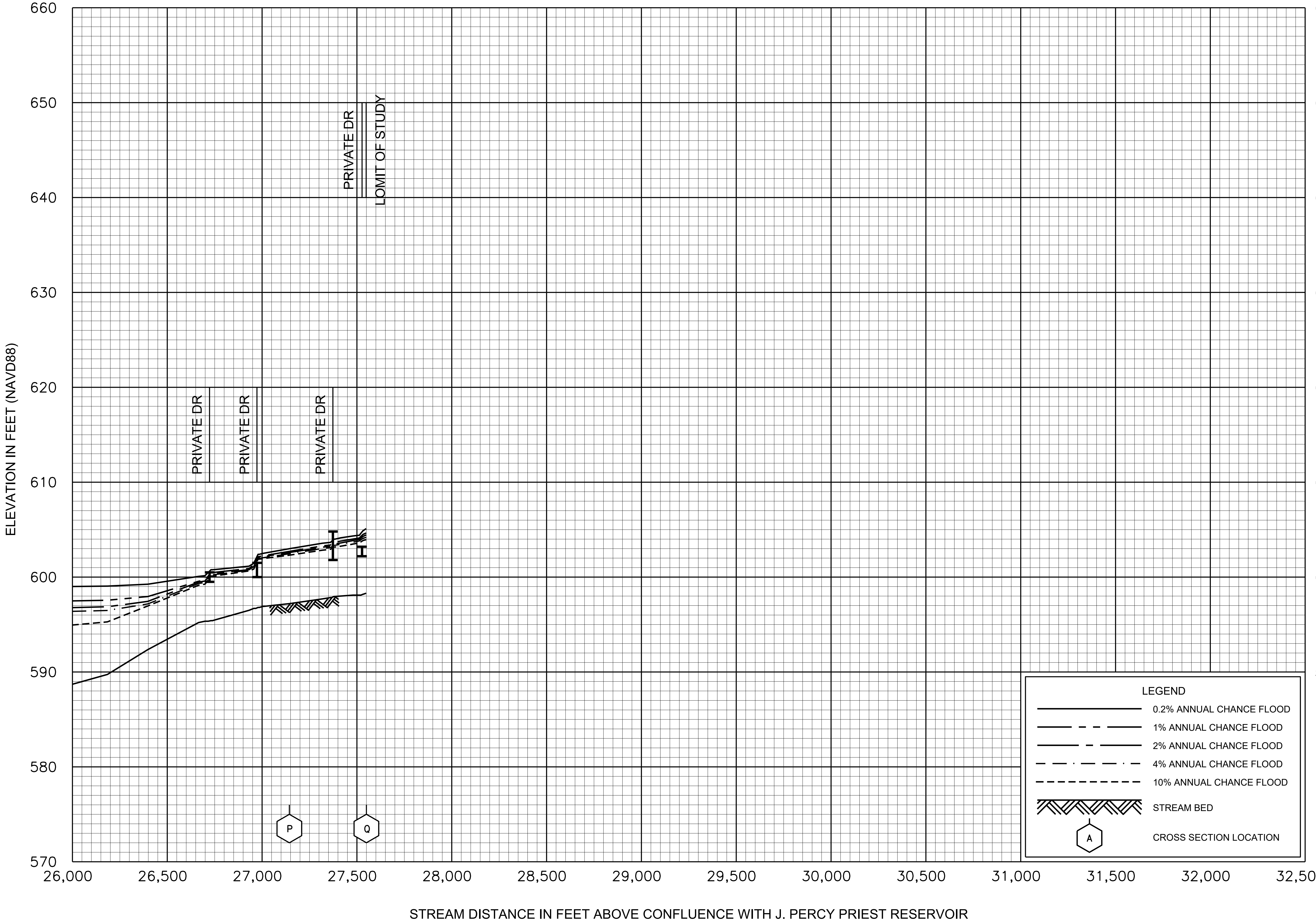
AND INCORPORATED AREAS

154P



FLOOD PROFILES

HURRICANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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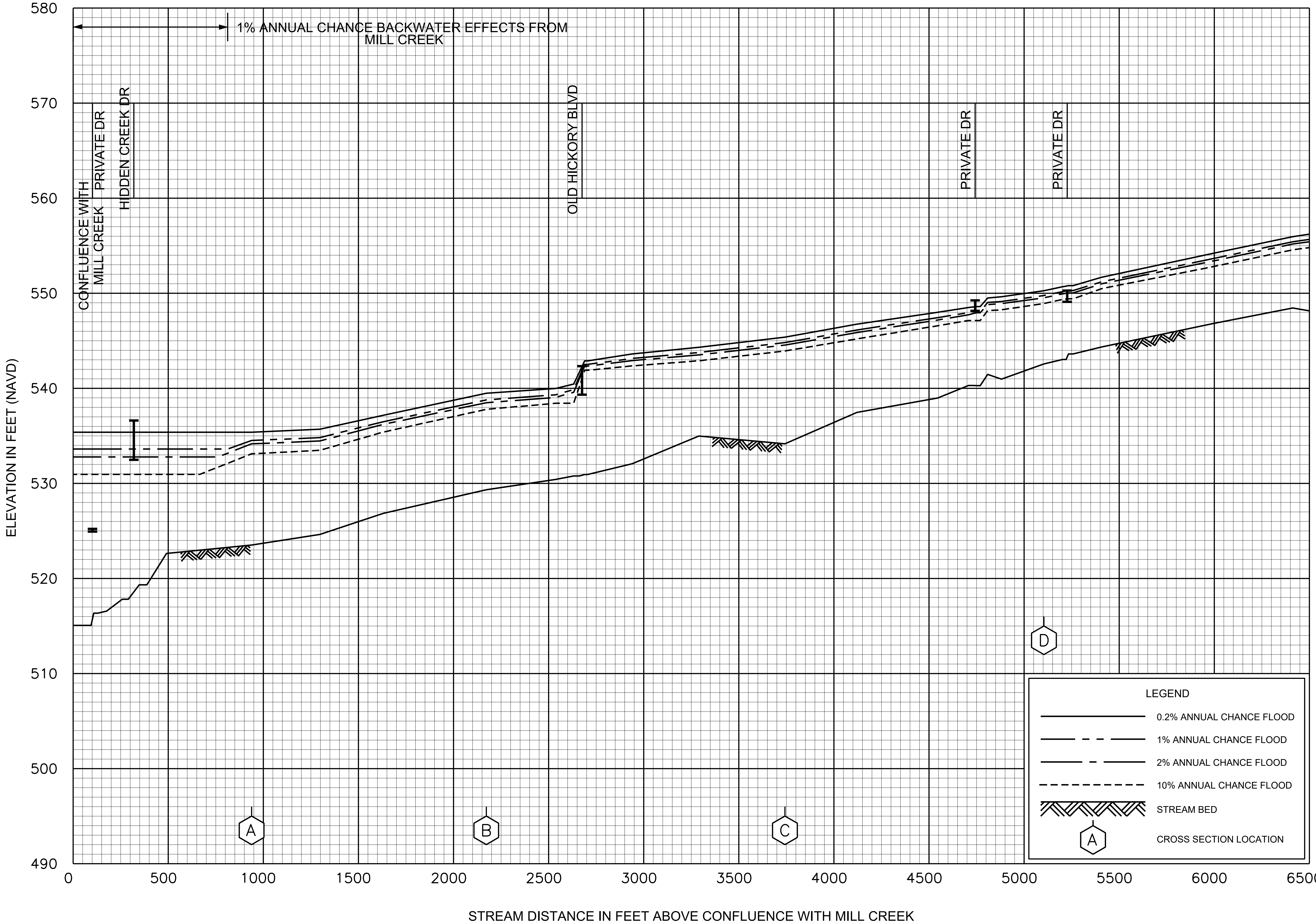
AND INCORPORATED AREAS

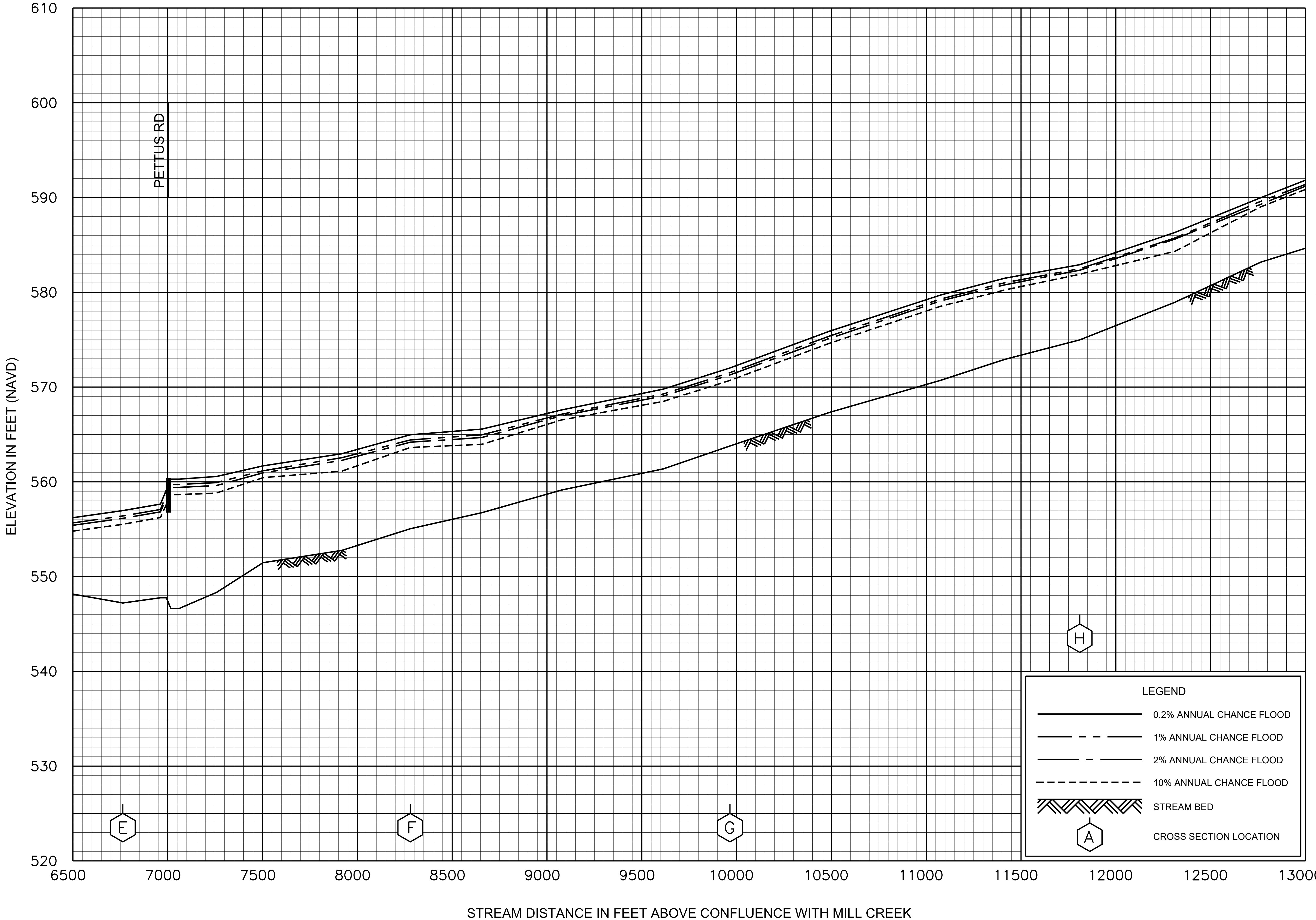


FLOOD PROFILES

INDIAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



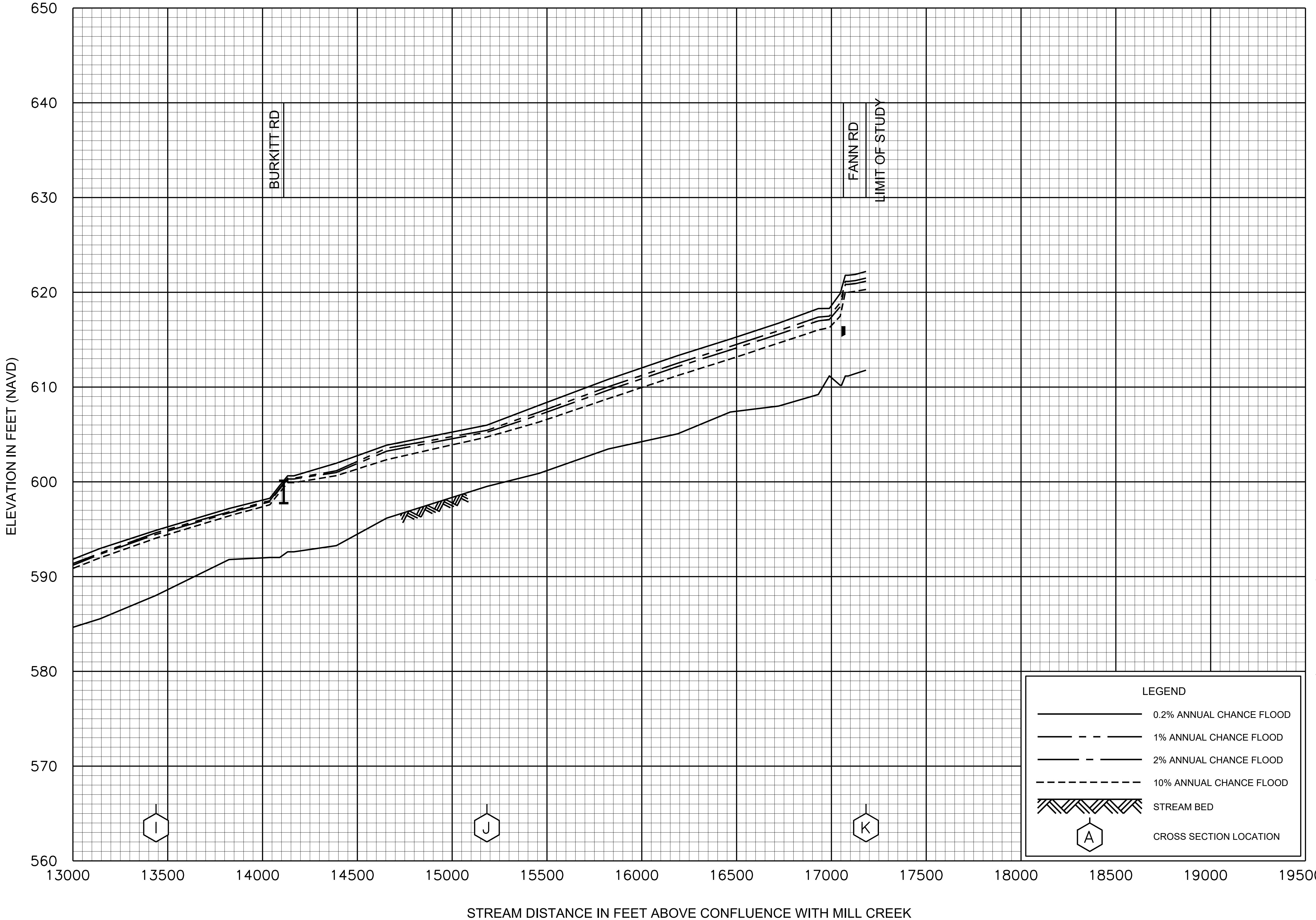
FLOOD PROFILES

INDIAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

157P



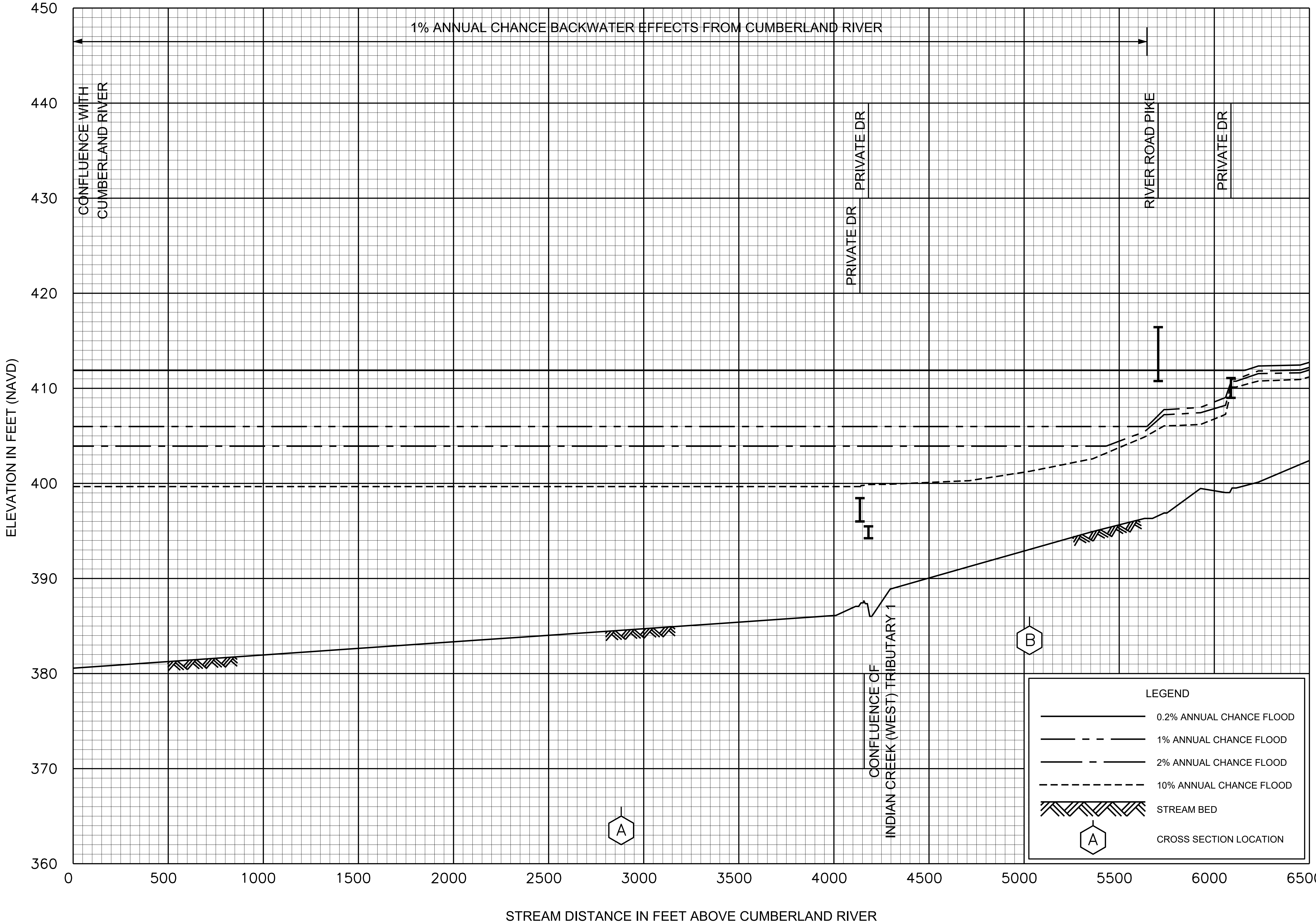
FLOOD PROFILES

INDIAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

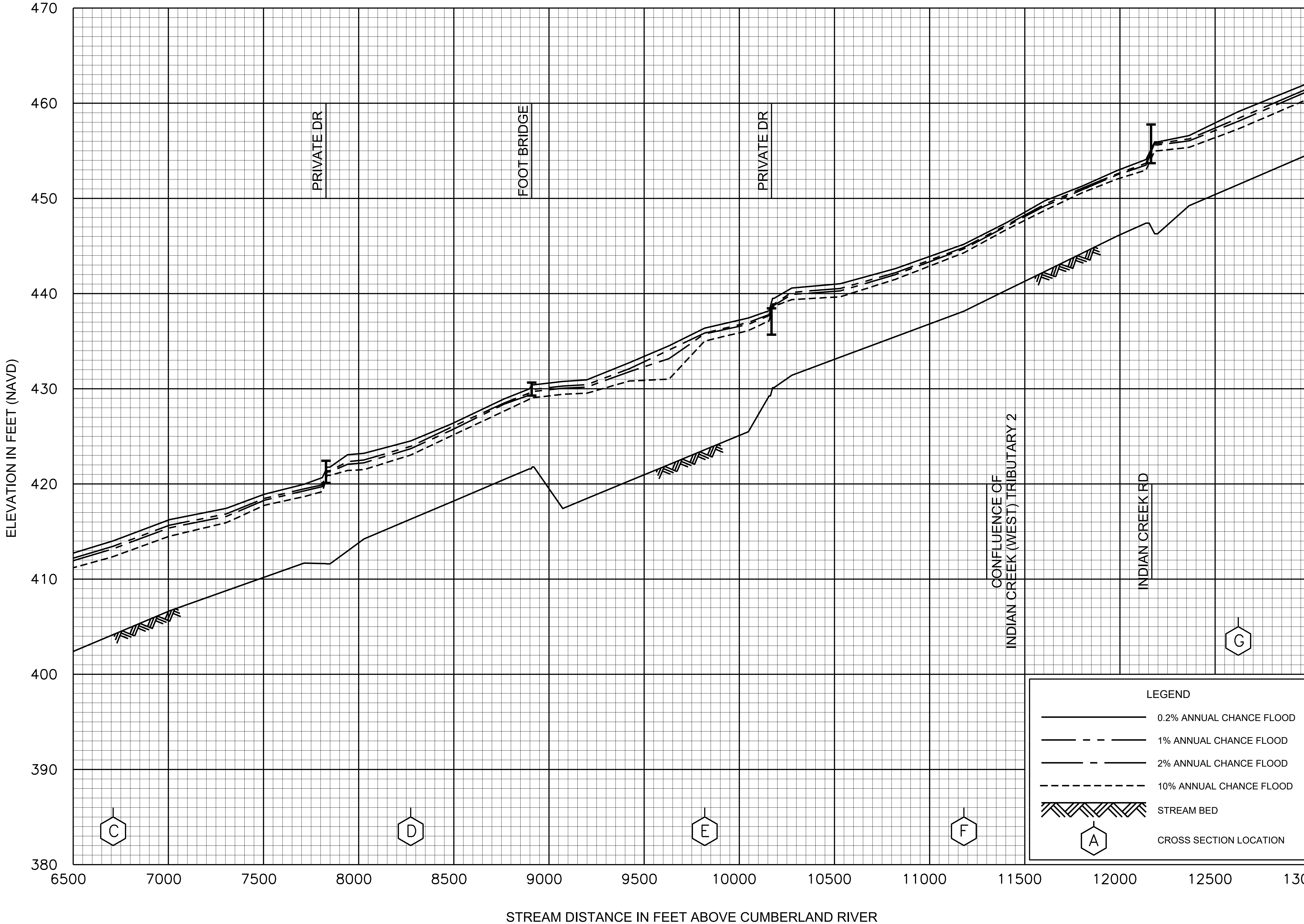


FLOOD PROFILES

INDIAN CREEK (WEST)

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

159P



FLOOD PROFILES

INDIAN CREEK (WEST)

FEDERAL EMERGENCY MANAGEMENT AGENCY

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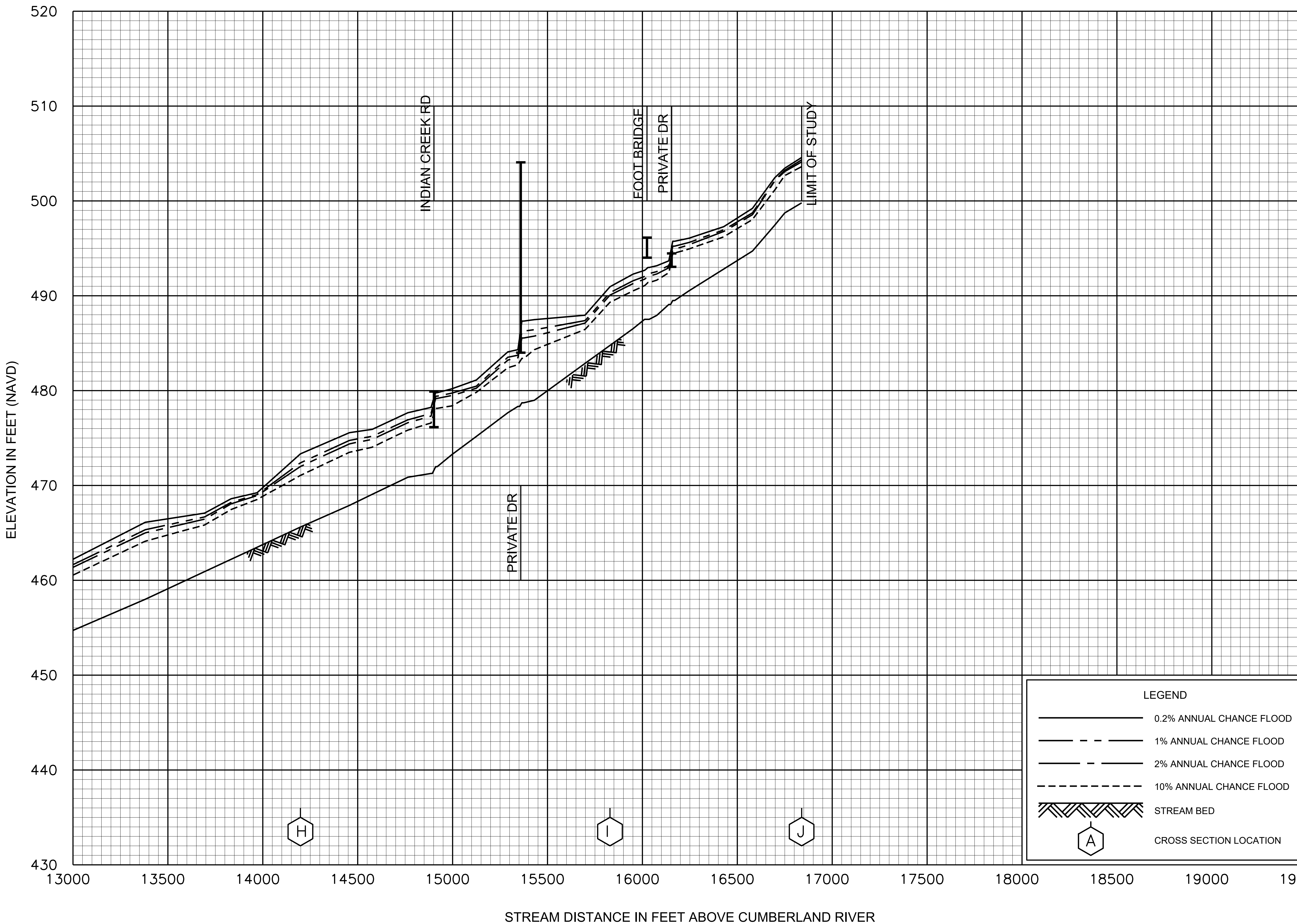

FLOOD PROFILES

INDIAN CREEK (WEST)

FEDERAL EMERGENCY MANAGEMENT AGENCY

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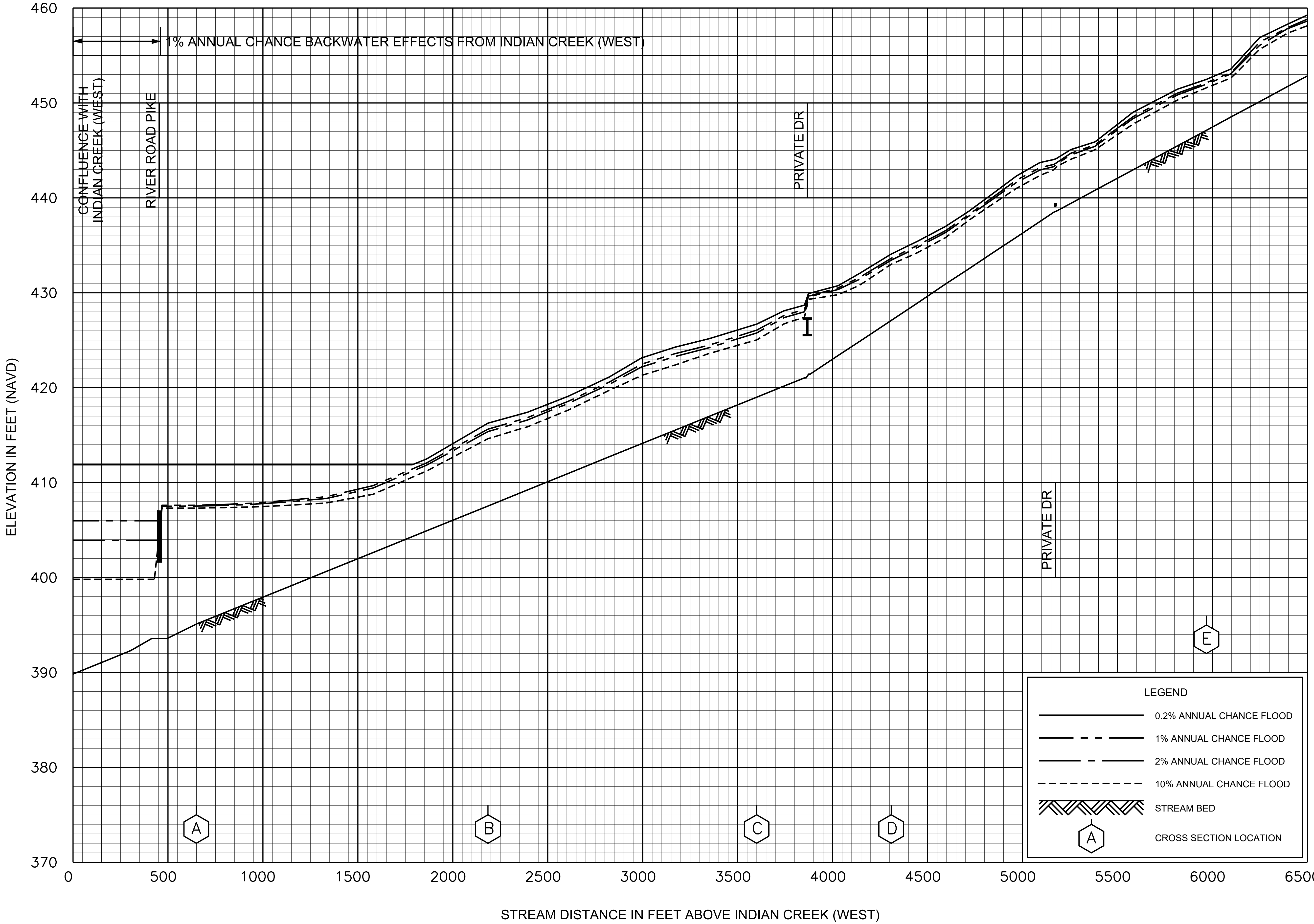
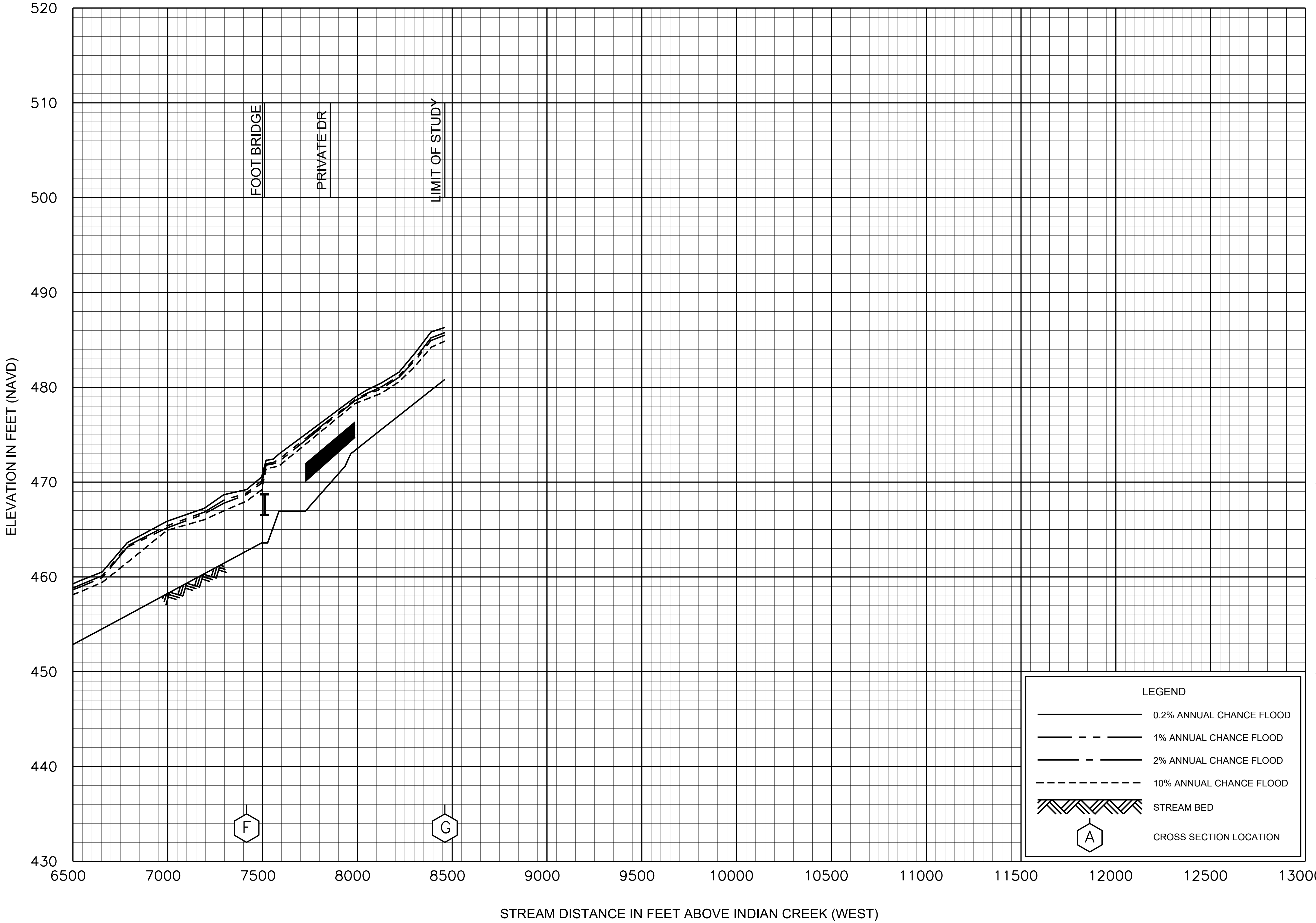


FLOOD PROFILES

INDIAN CREEK (WEST) TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

INDIAN CREEK (WEST) TRIBUTARY 1

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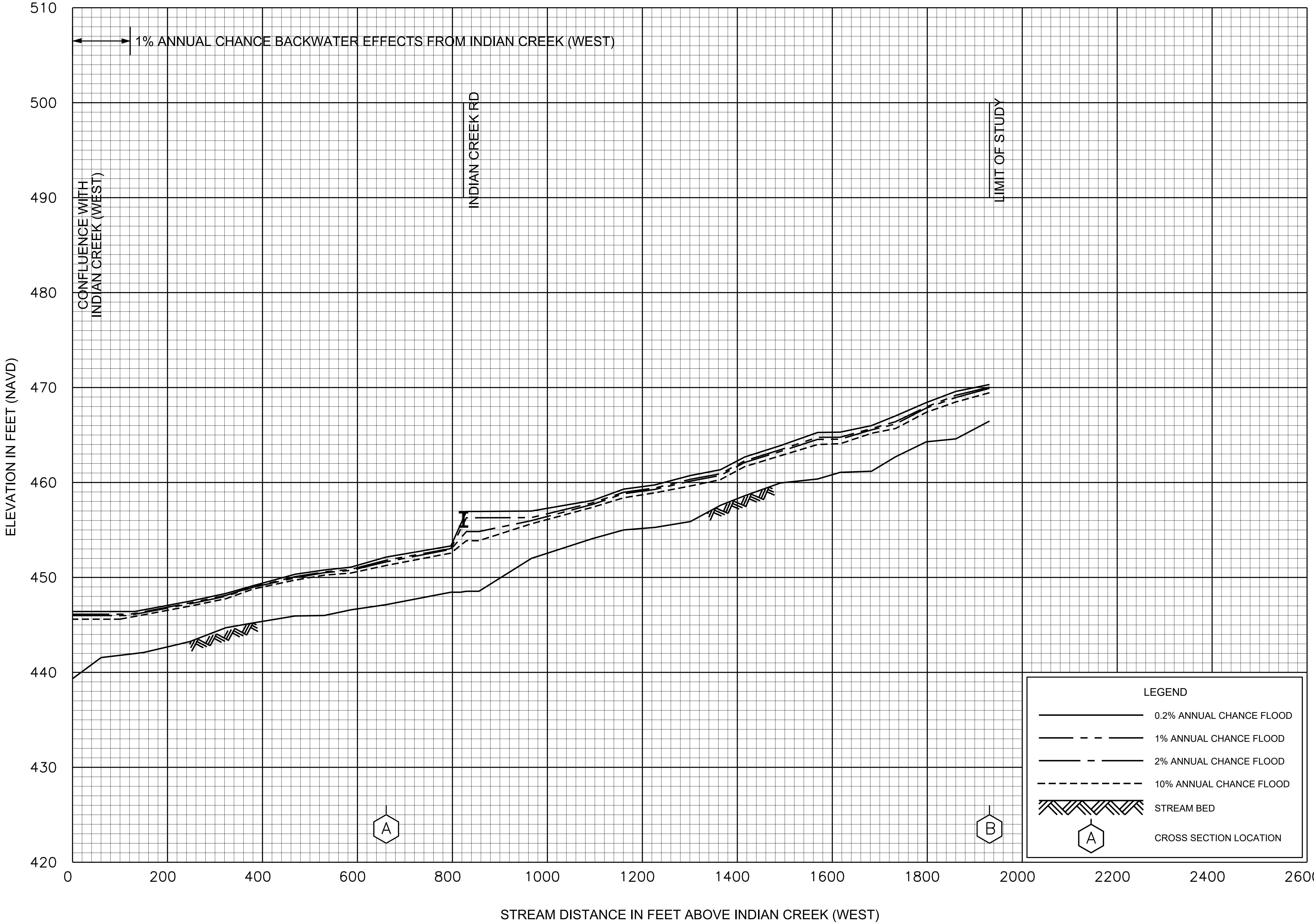
AND INCORPORATED AREAS



FLOOD PROFILES

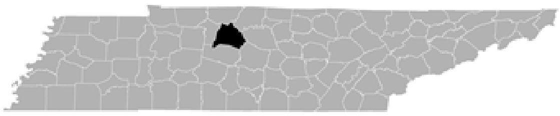
INDIAN CREEK (WEST) TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 9 OF 11



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV009D
Version Number 2.6.3.0

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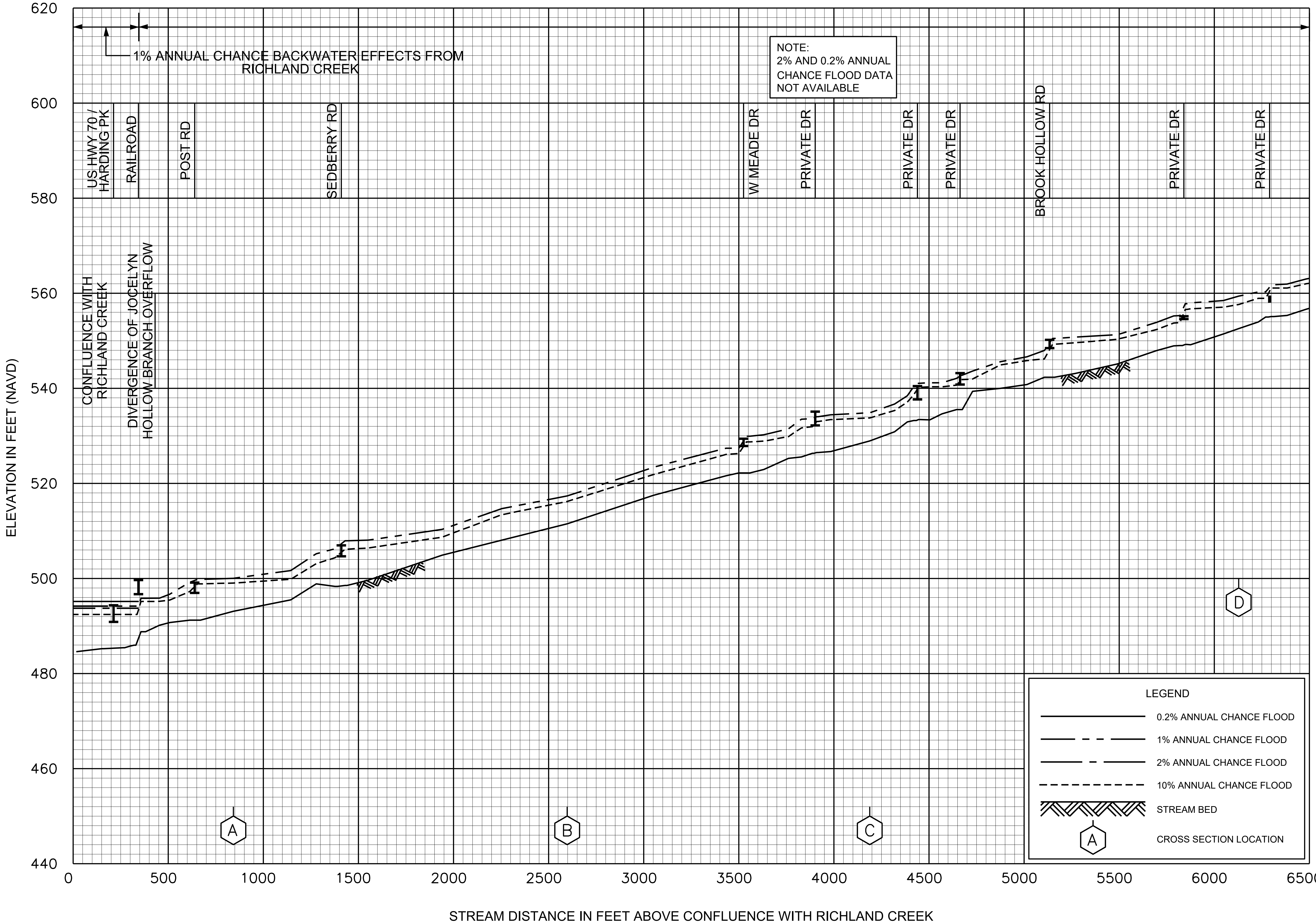
Volume 11
Exhibit 1

Published Separately

Flood Insurance Rate Map (FIRM)



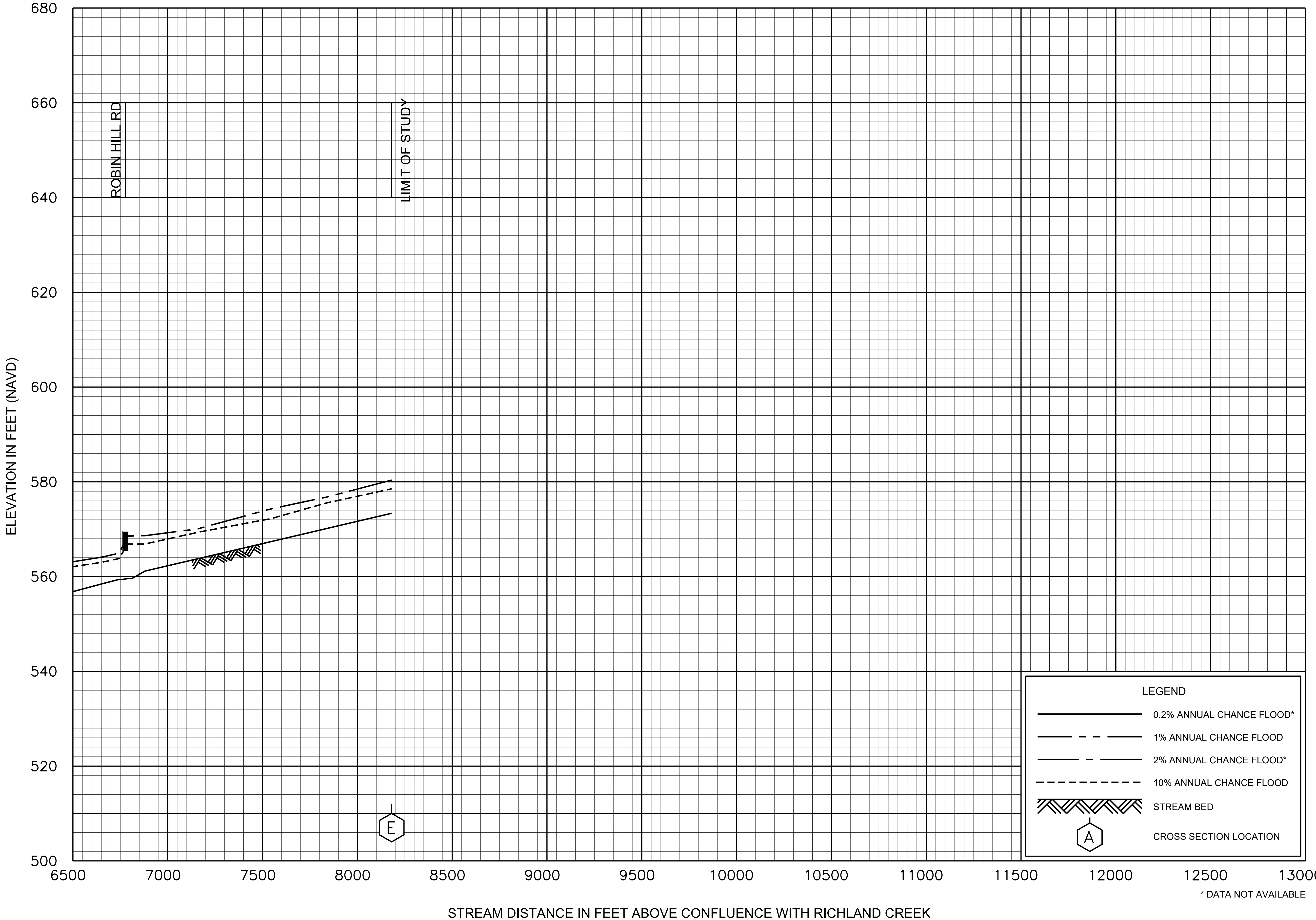
FLOOD PROFILES

JOCELYN HOLLOW BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

165P



* DATA NOT AVAILABLE

FLOOD PROFILES

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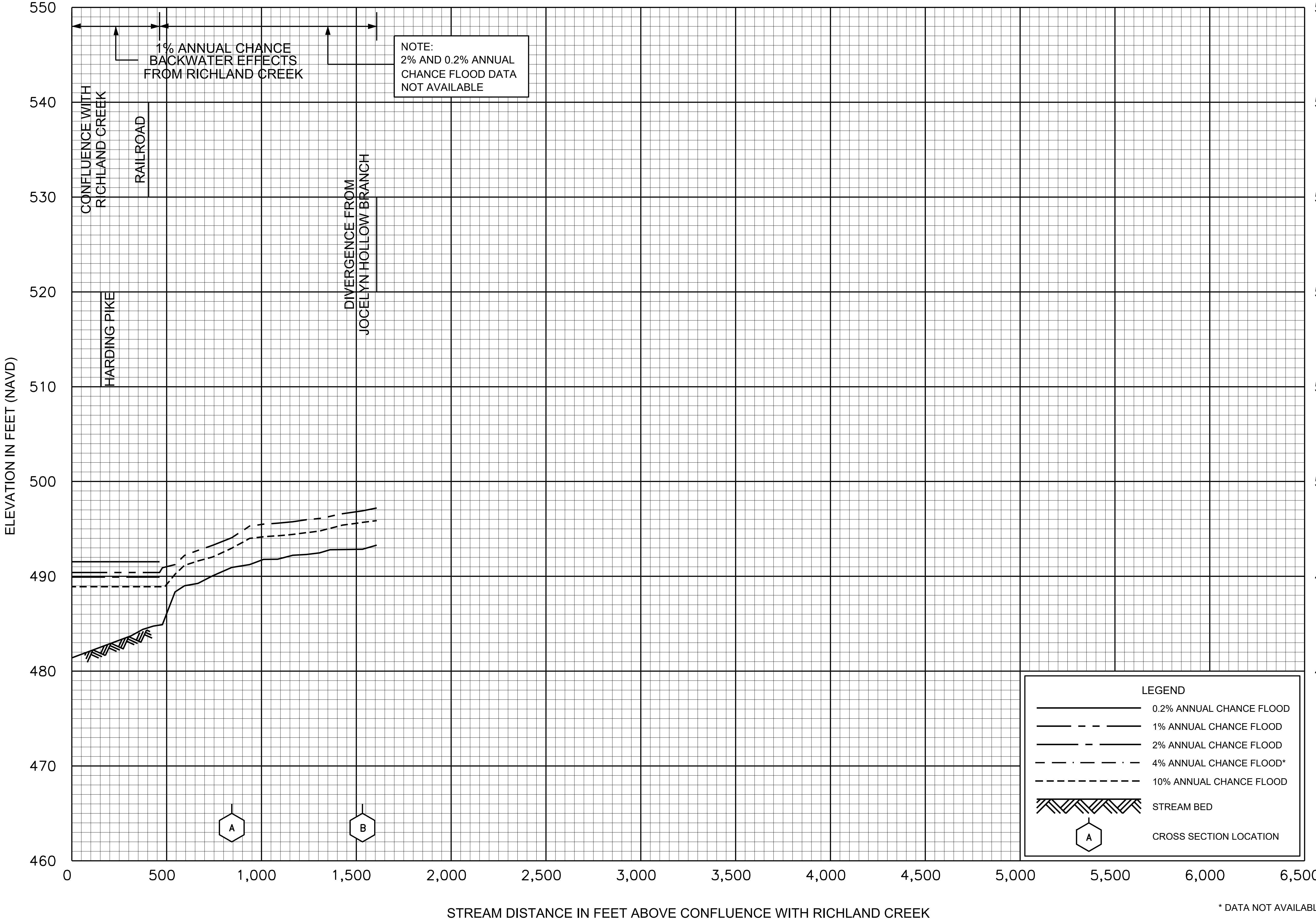

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FLOOD PROFILES

JOCELYN HOLLOW BRANCH OVERFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

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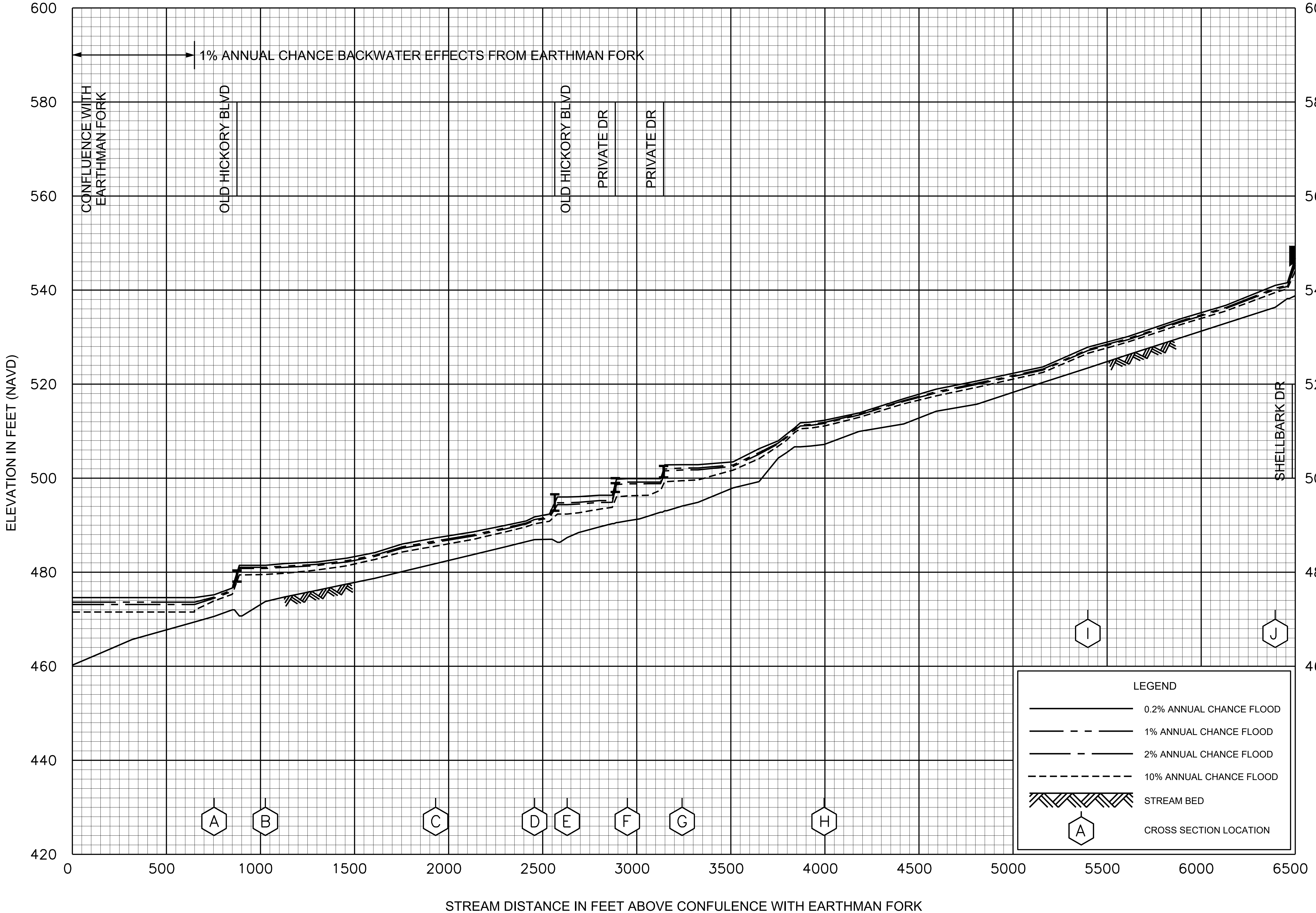
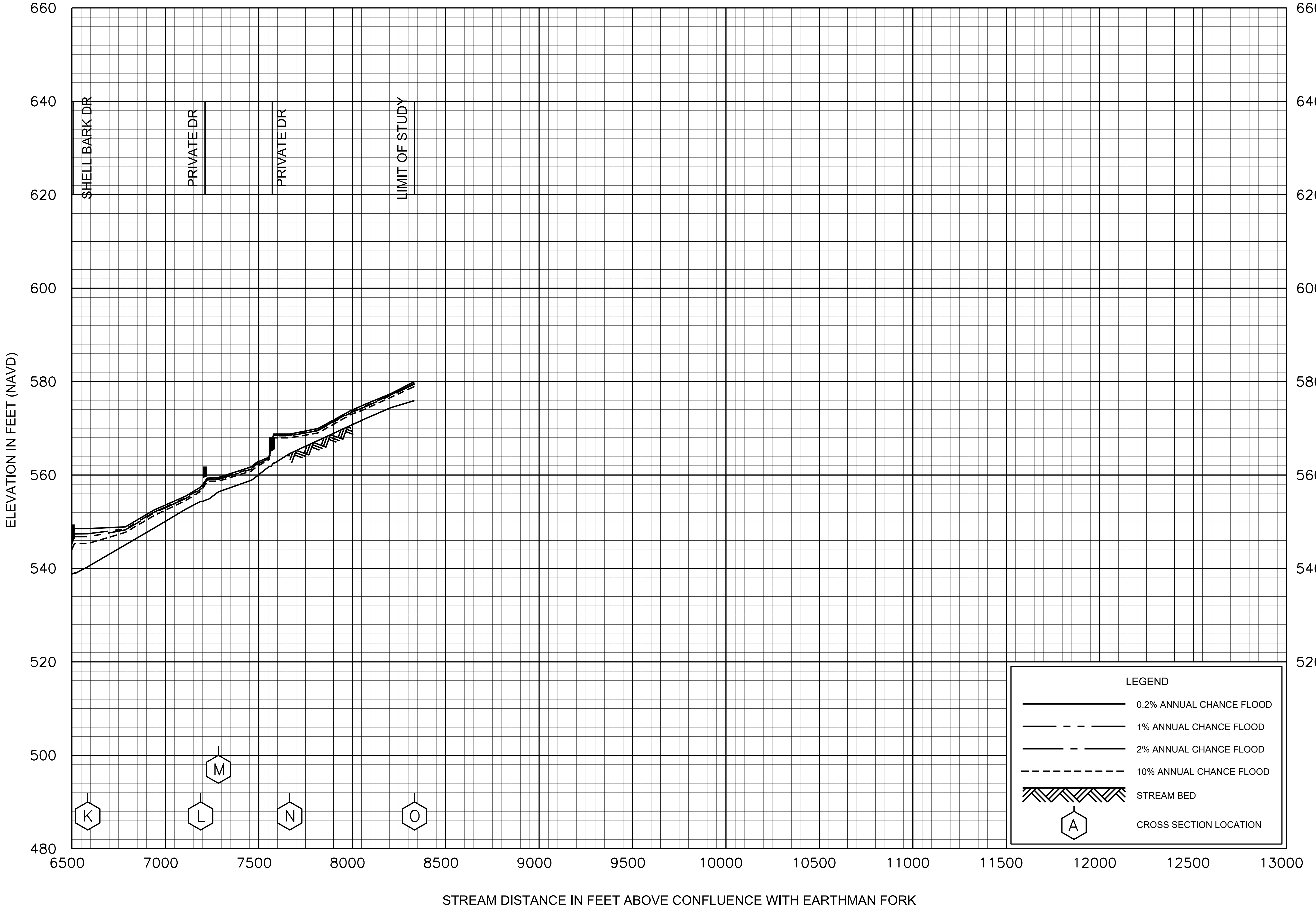


FLOOD PROFILES

JOHNSON HOLLOW

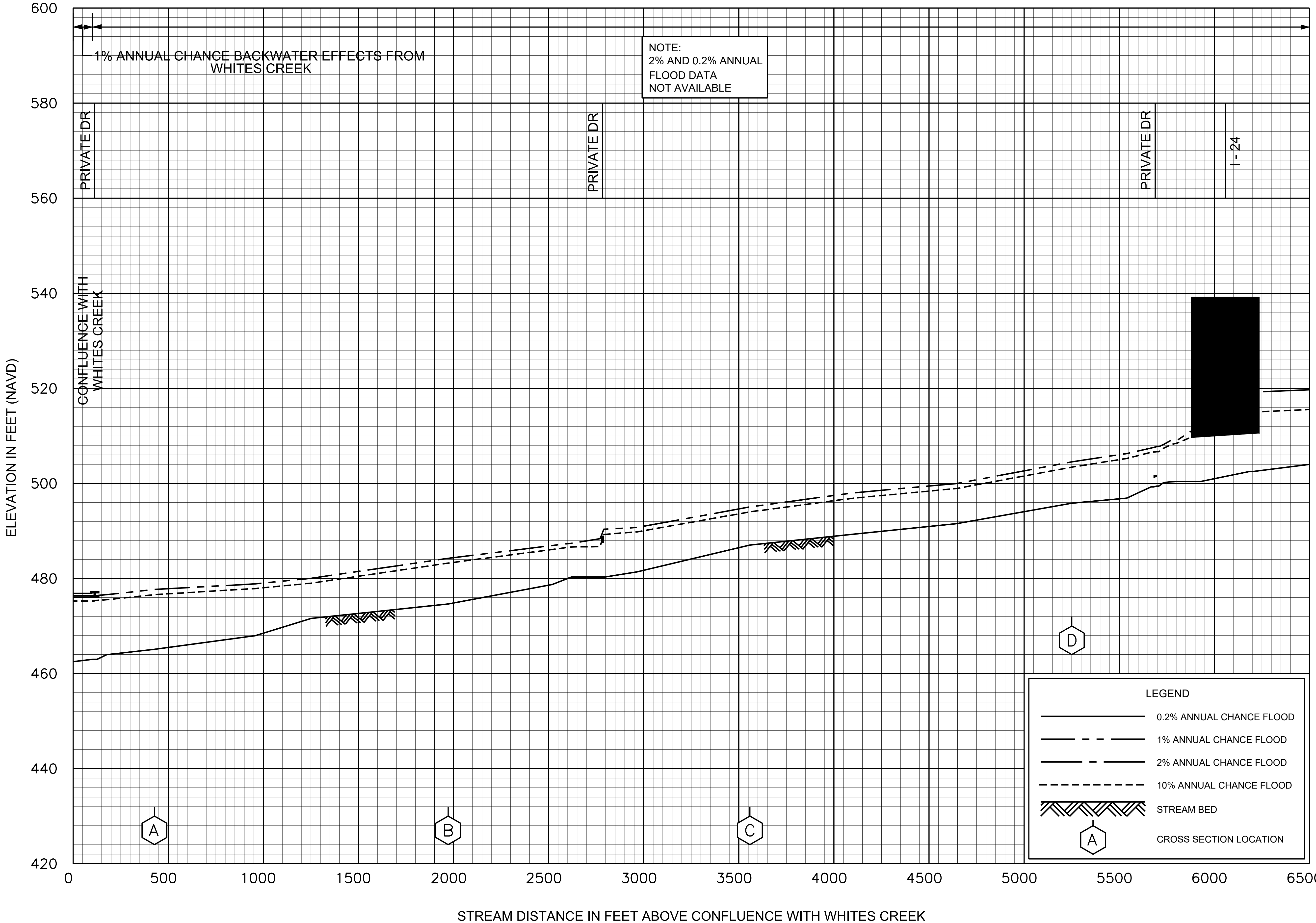
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

JOHNSON HOLLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

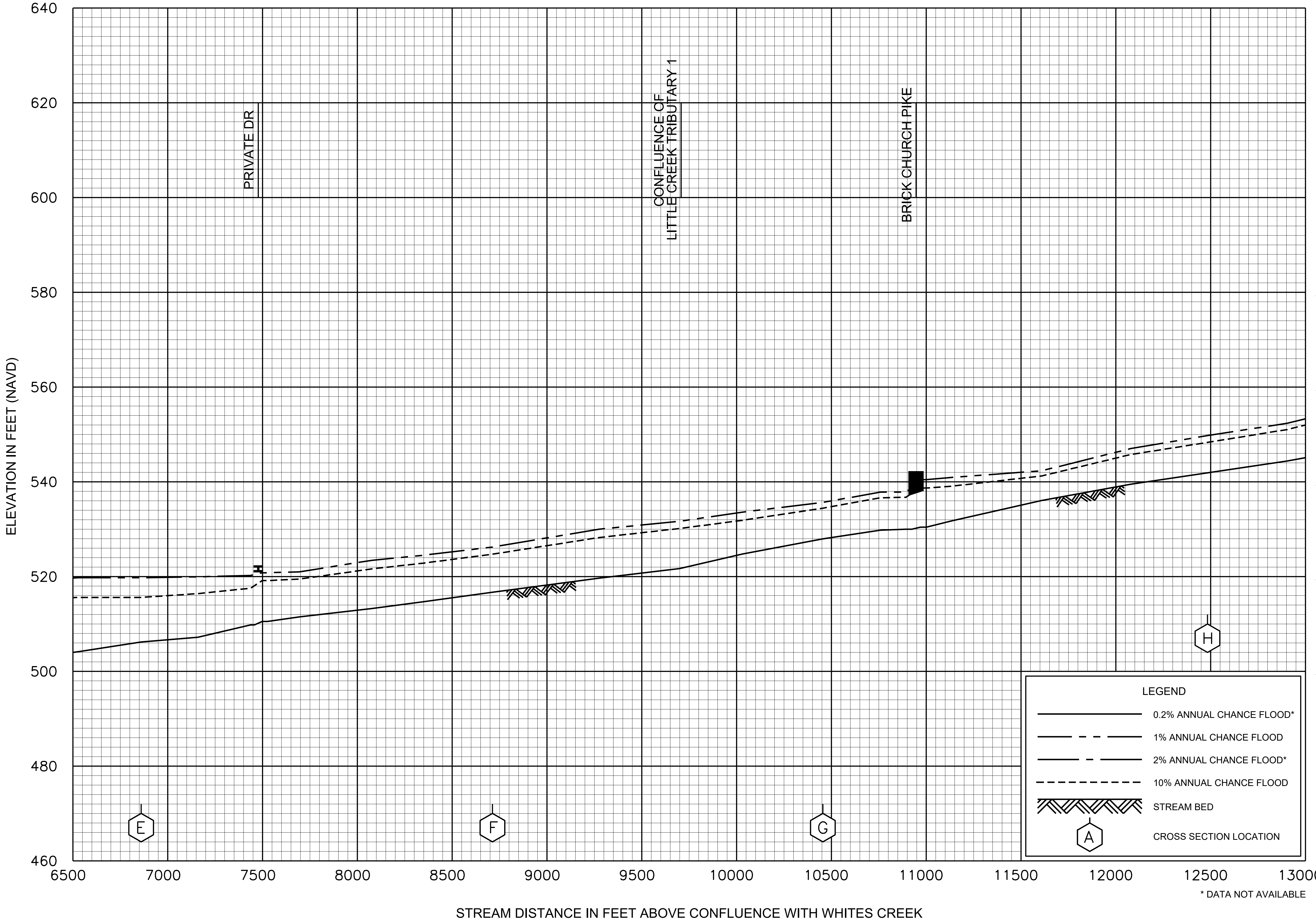


FLOOD PROFILES

LITTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

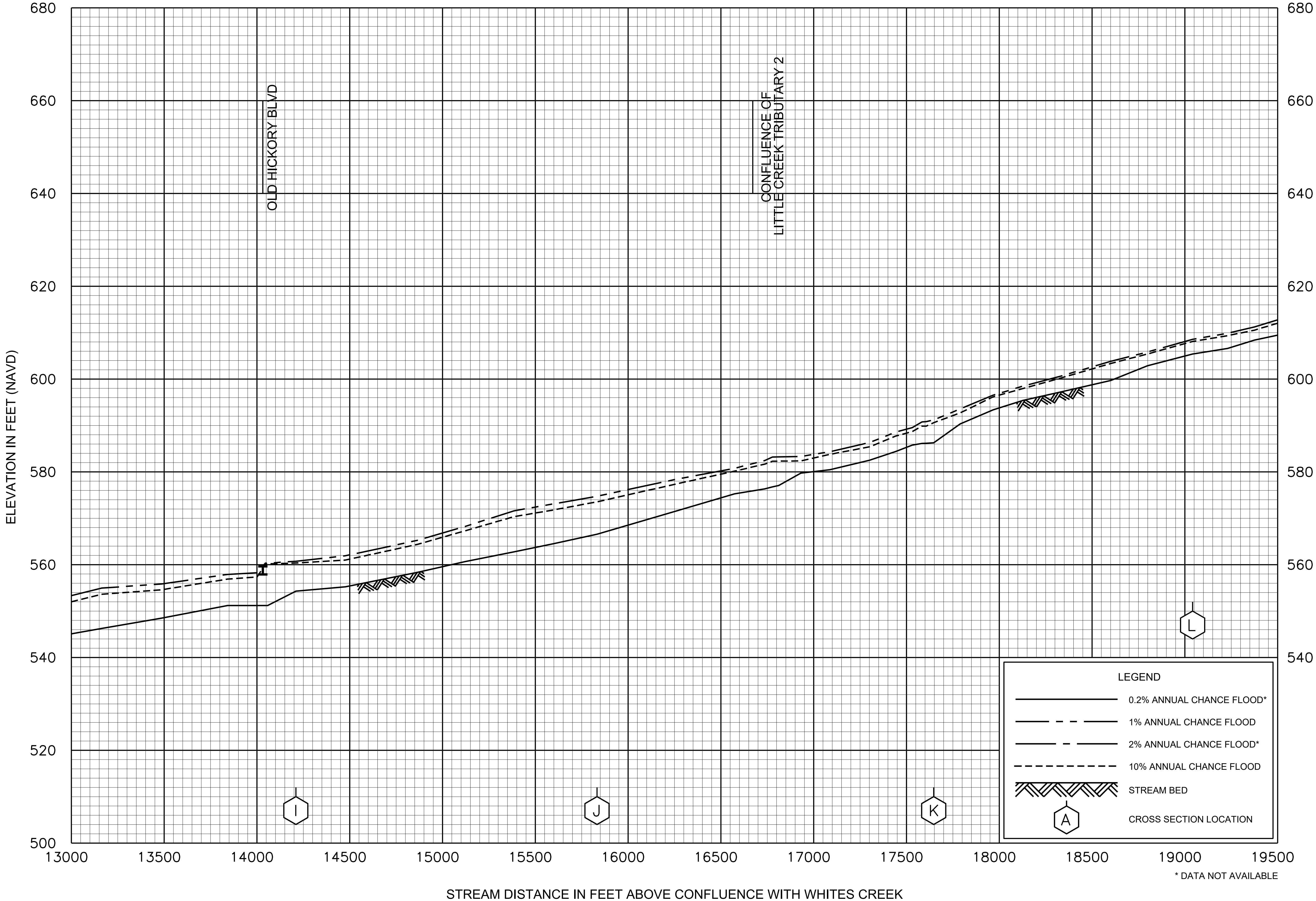
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

LITTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

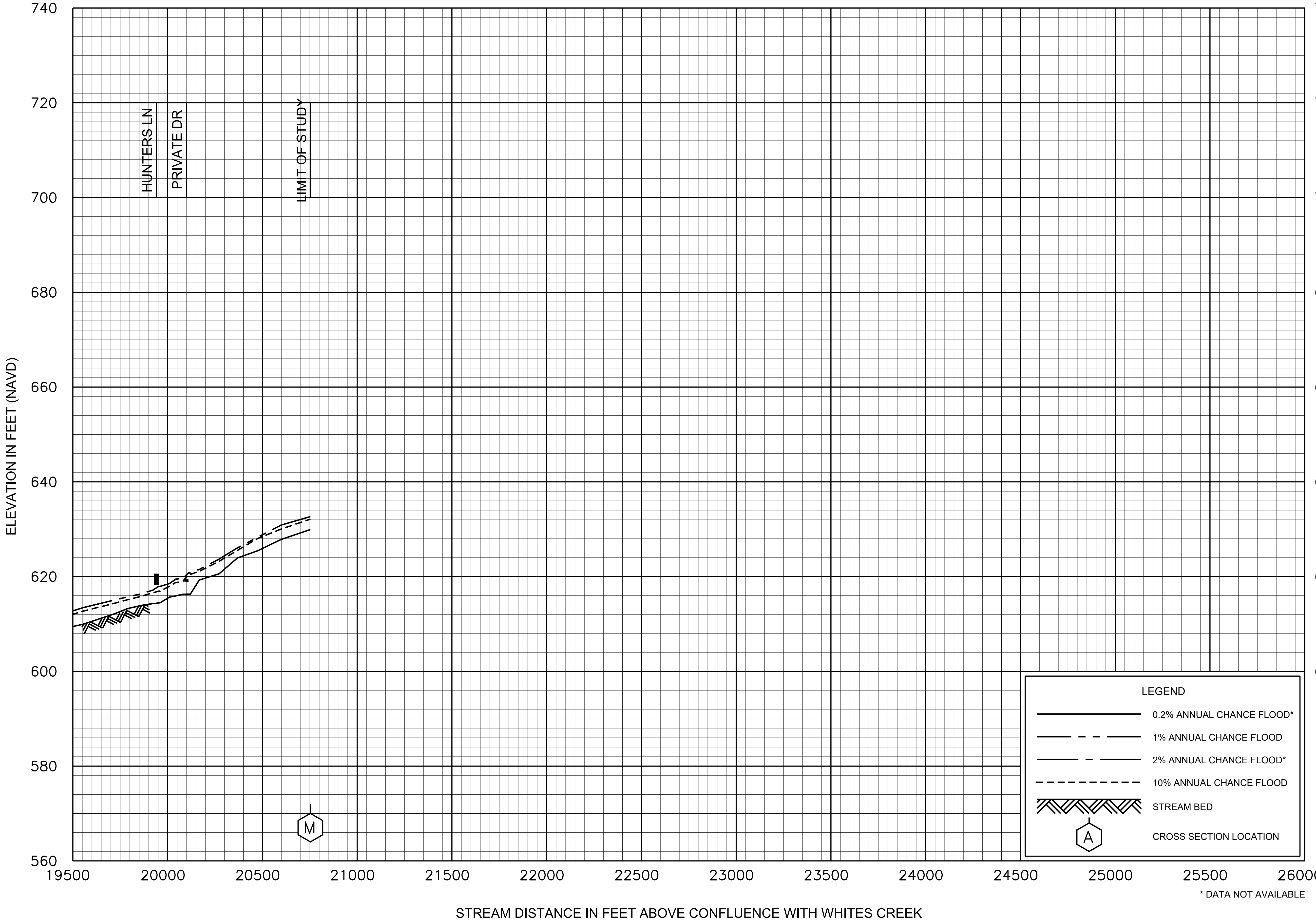


FLOOD PROFILES

LITTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

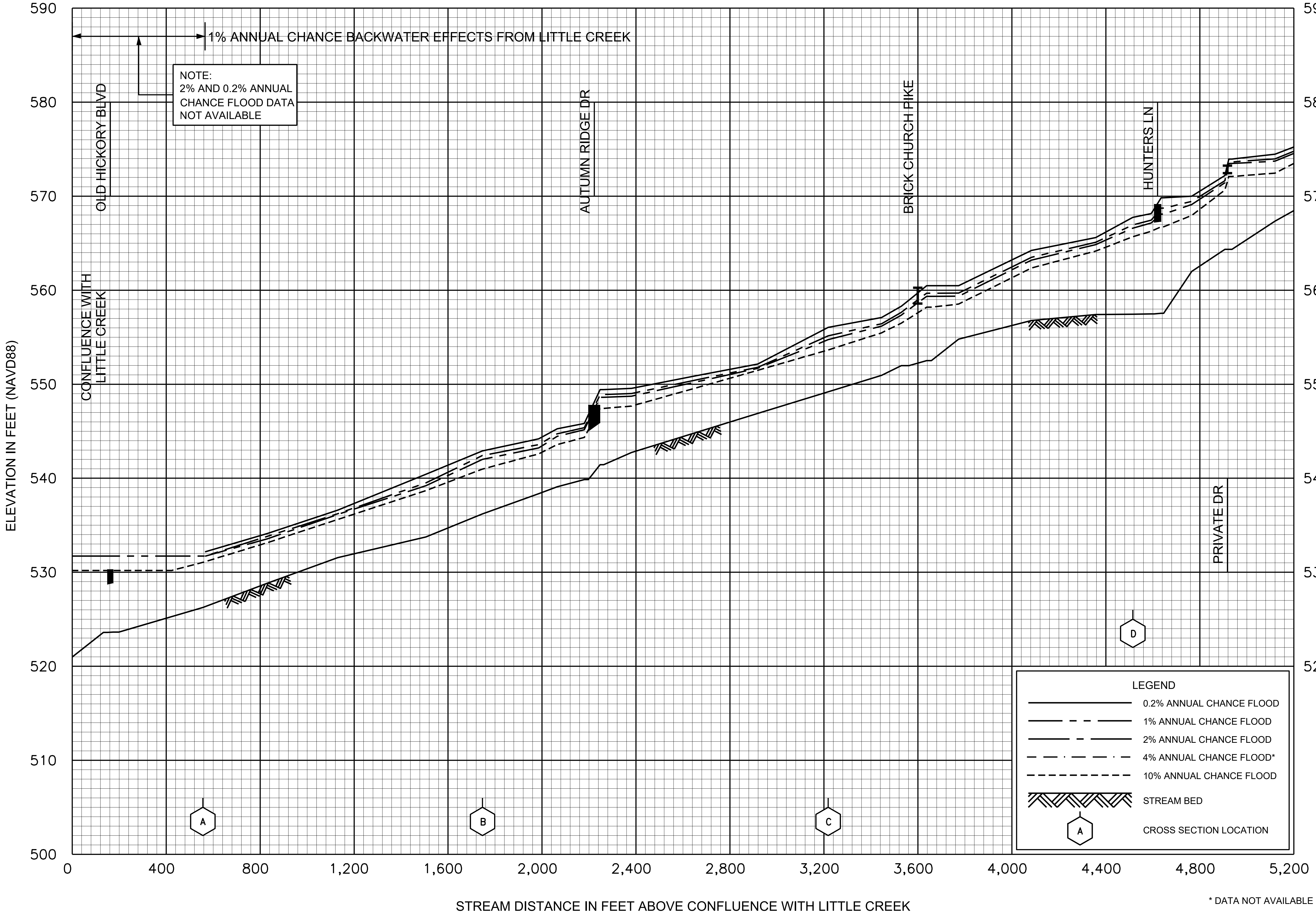
172P



FLOOD PROFILES

LITTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

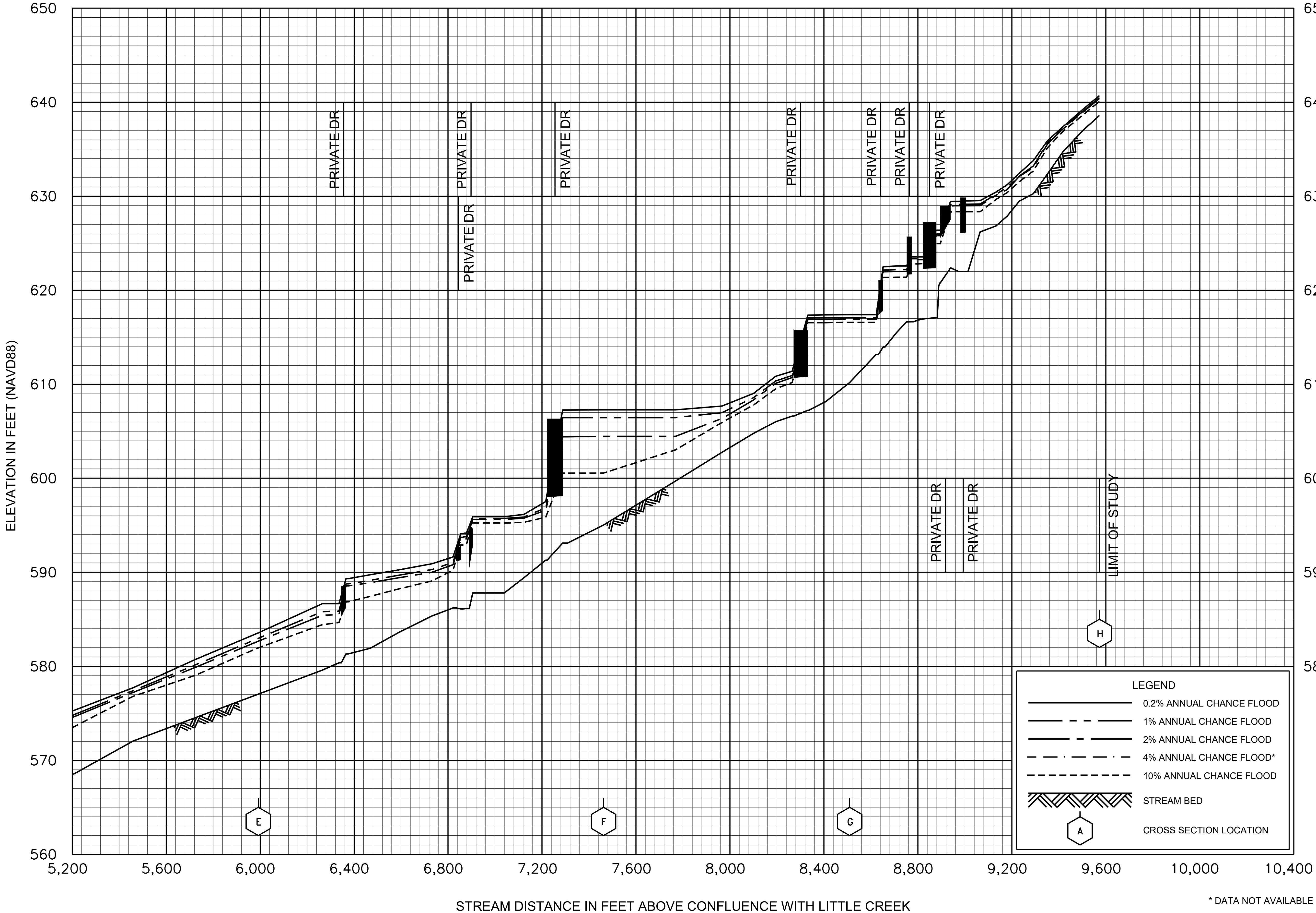


* DATA NOT AVAILABLE

FLOOD PROFILES

LITTLE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

LITTLE CREEK TRIBUTARY 1

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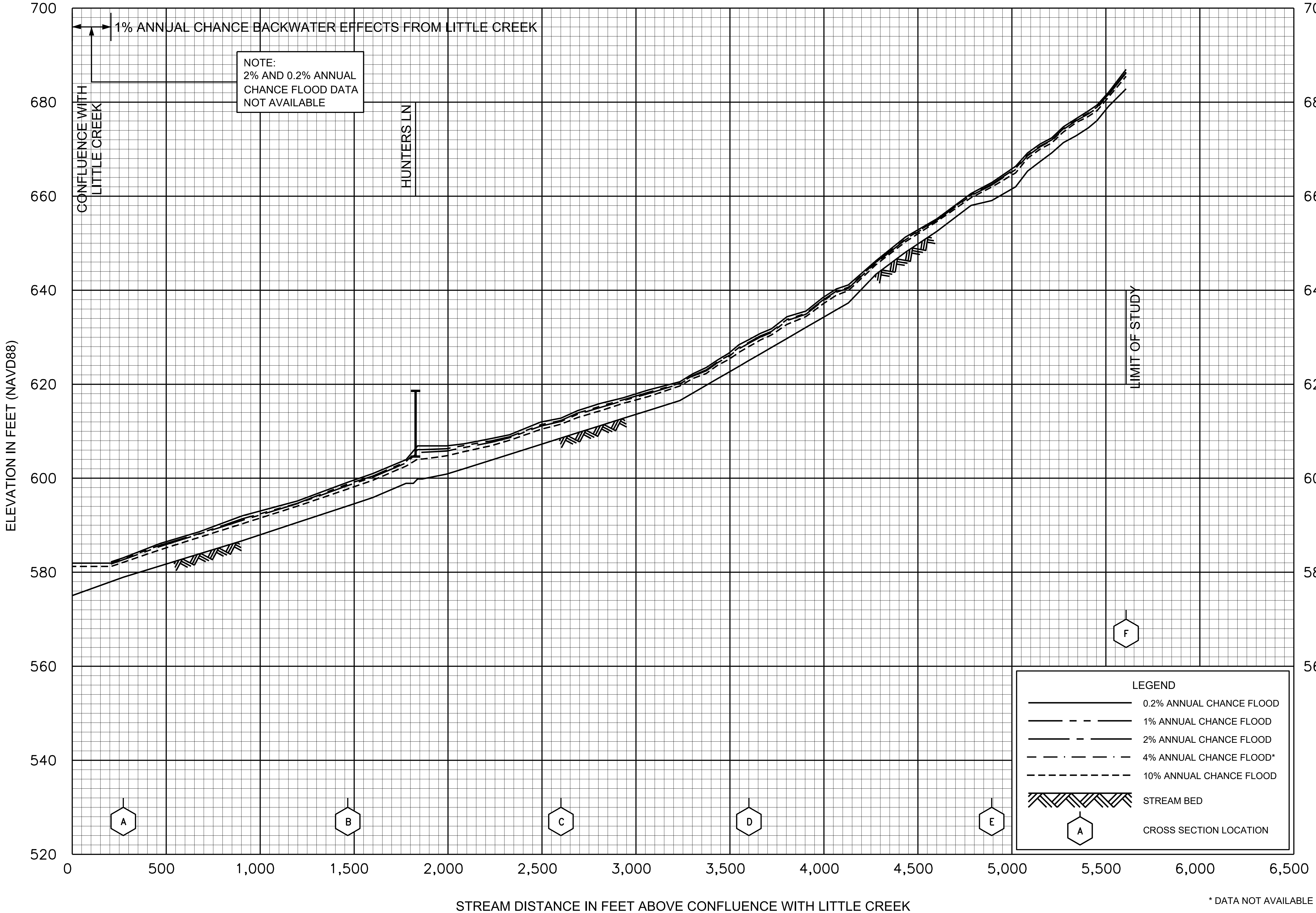
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



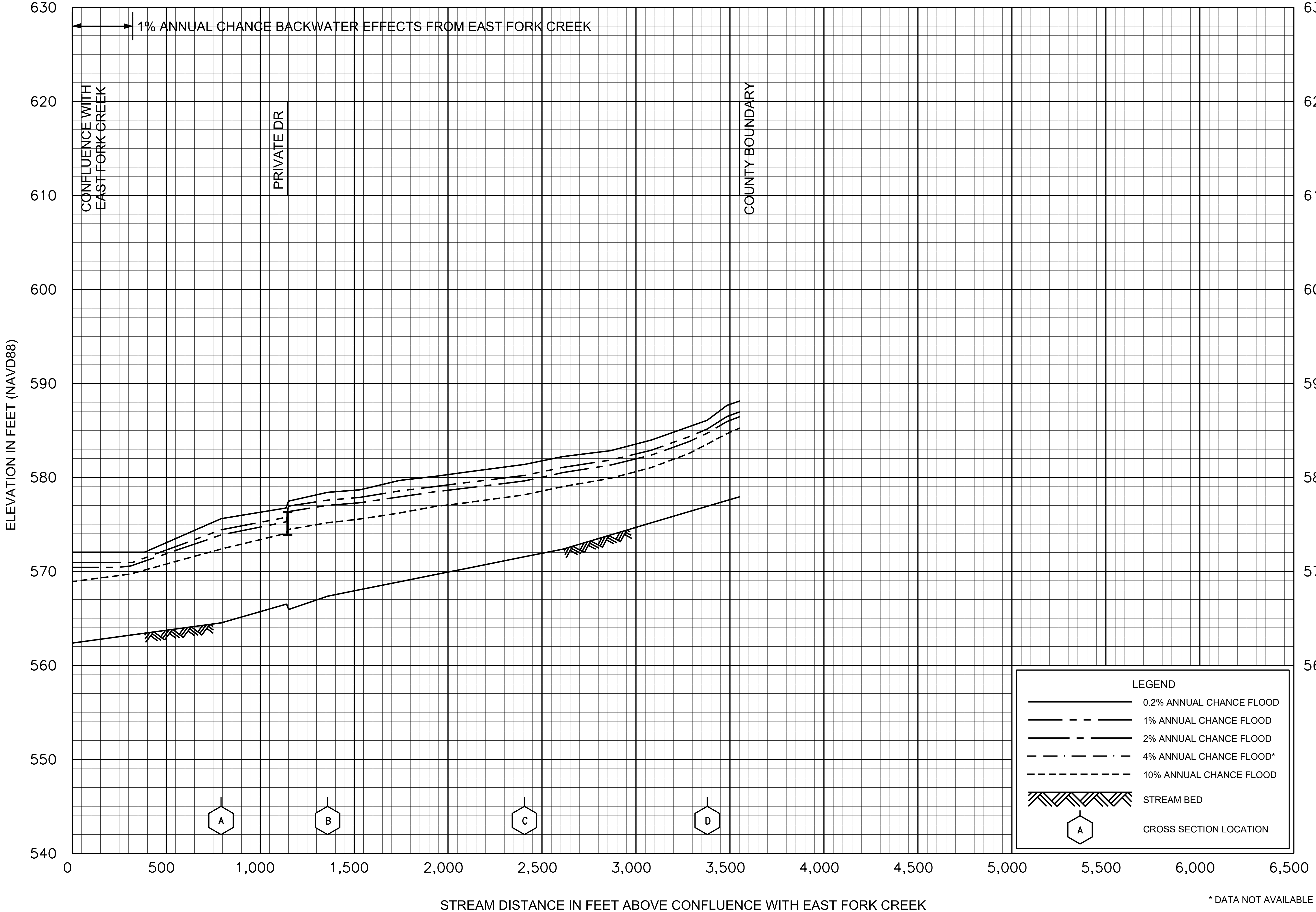
* DATA NOT AVAILABLE

FLOOD PROFILES

LITTLE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



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FLOOD PROFILES

LITTLE EAST FORK CREEK

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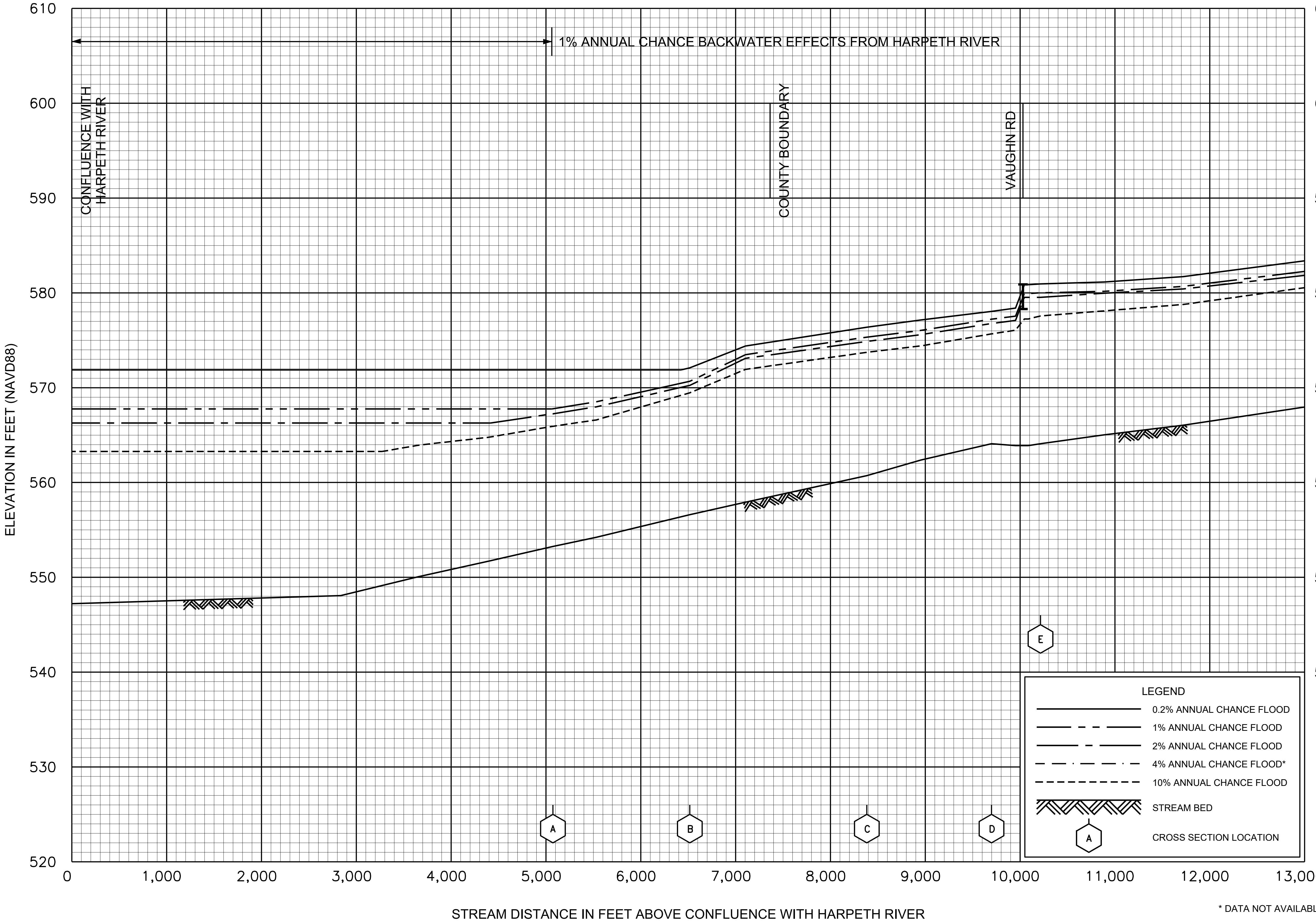
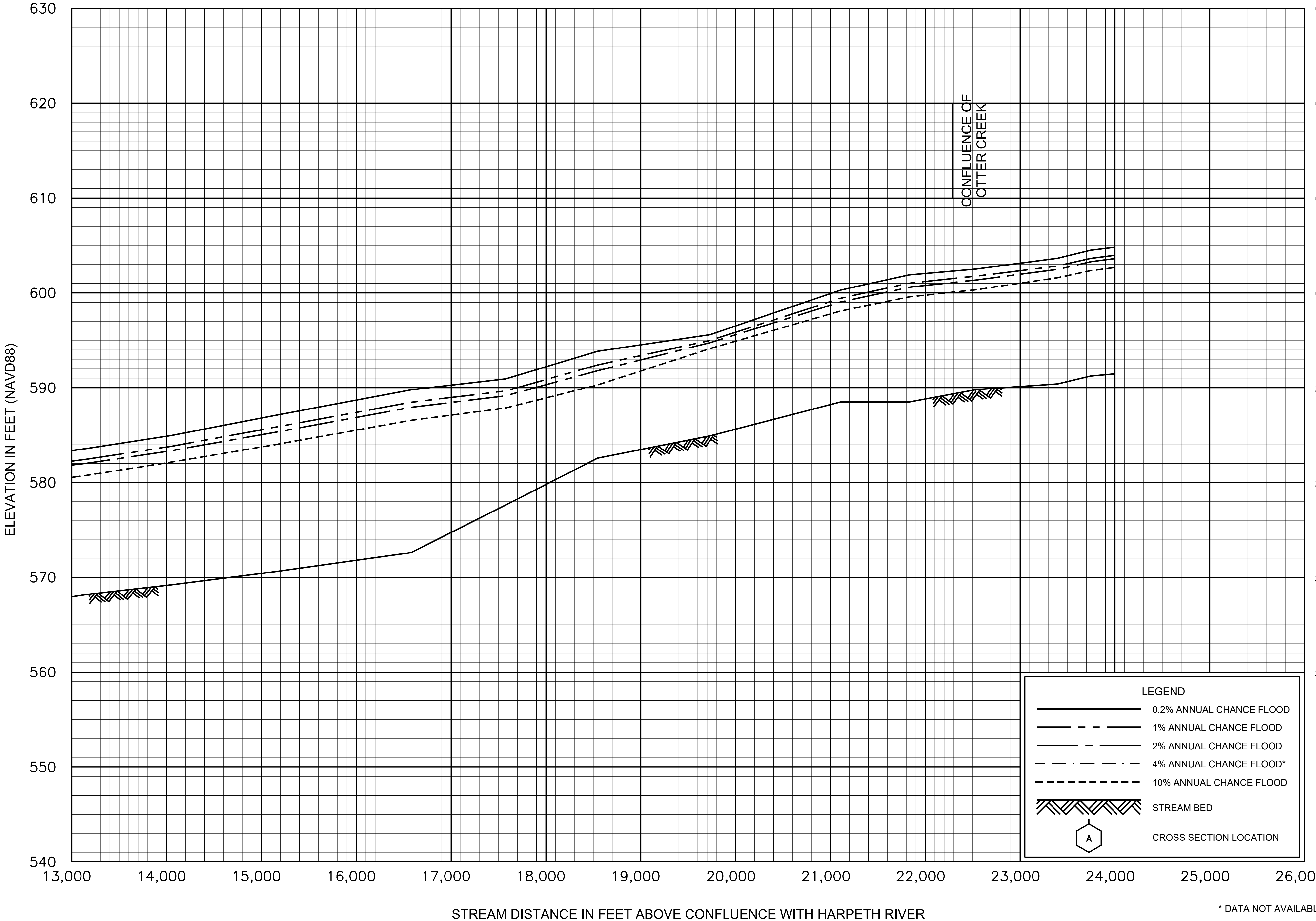


FLOOD PROFILES

LITTLE HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



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LITTLE HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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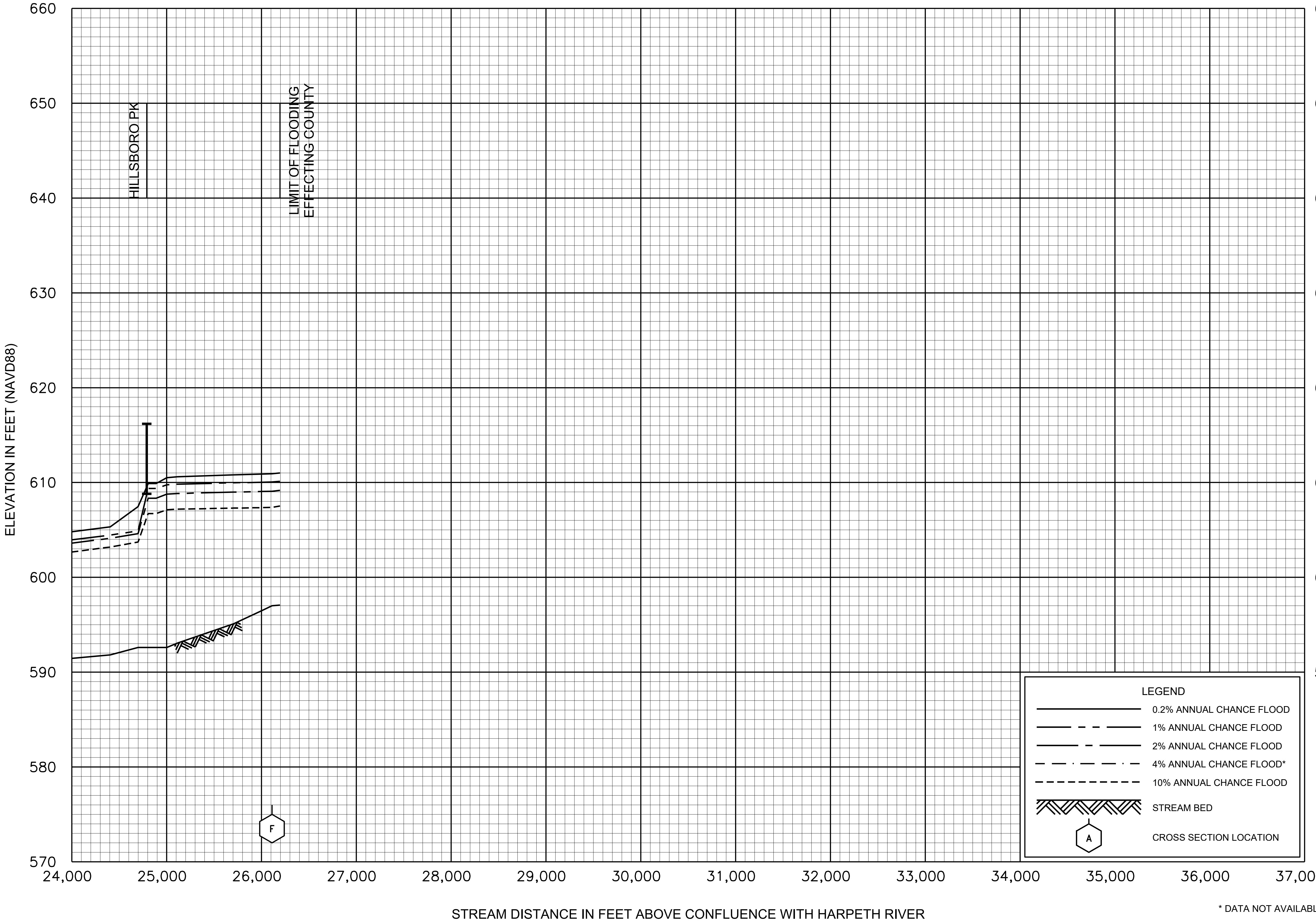

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LITTLE HARPETH RIVER

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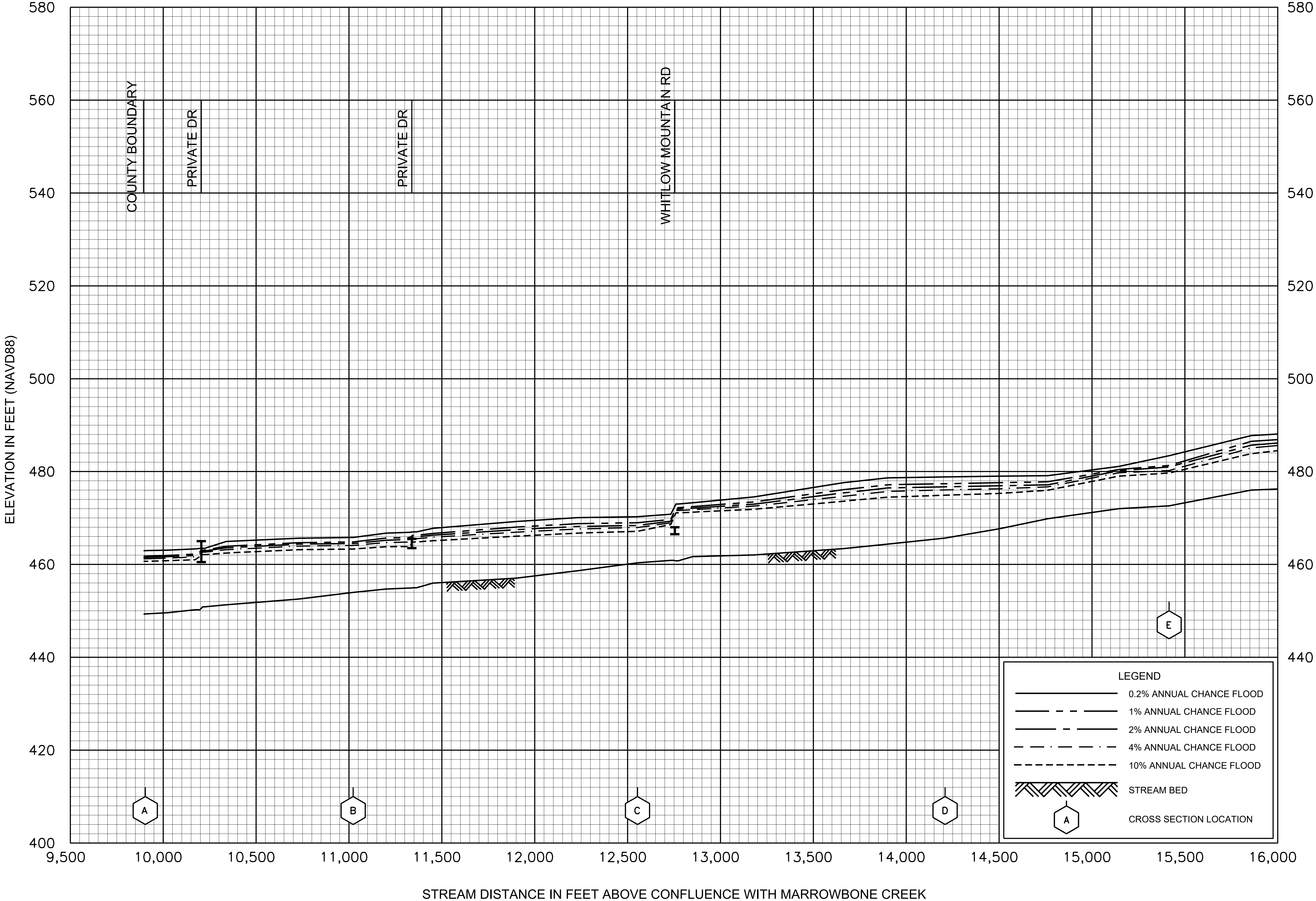

FLOOD PROFILES

LITTLE MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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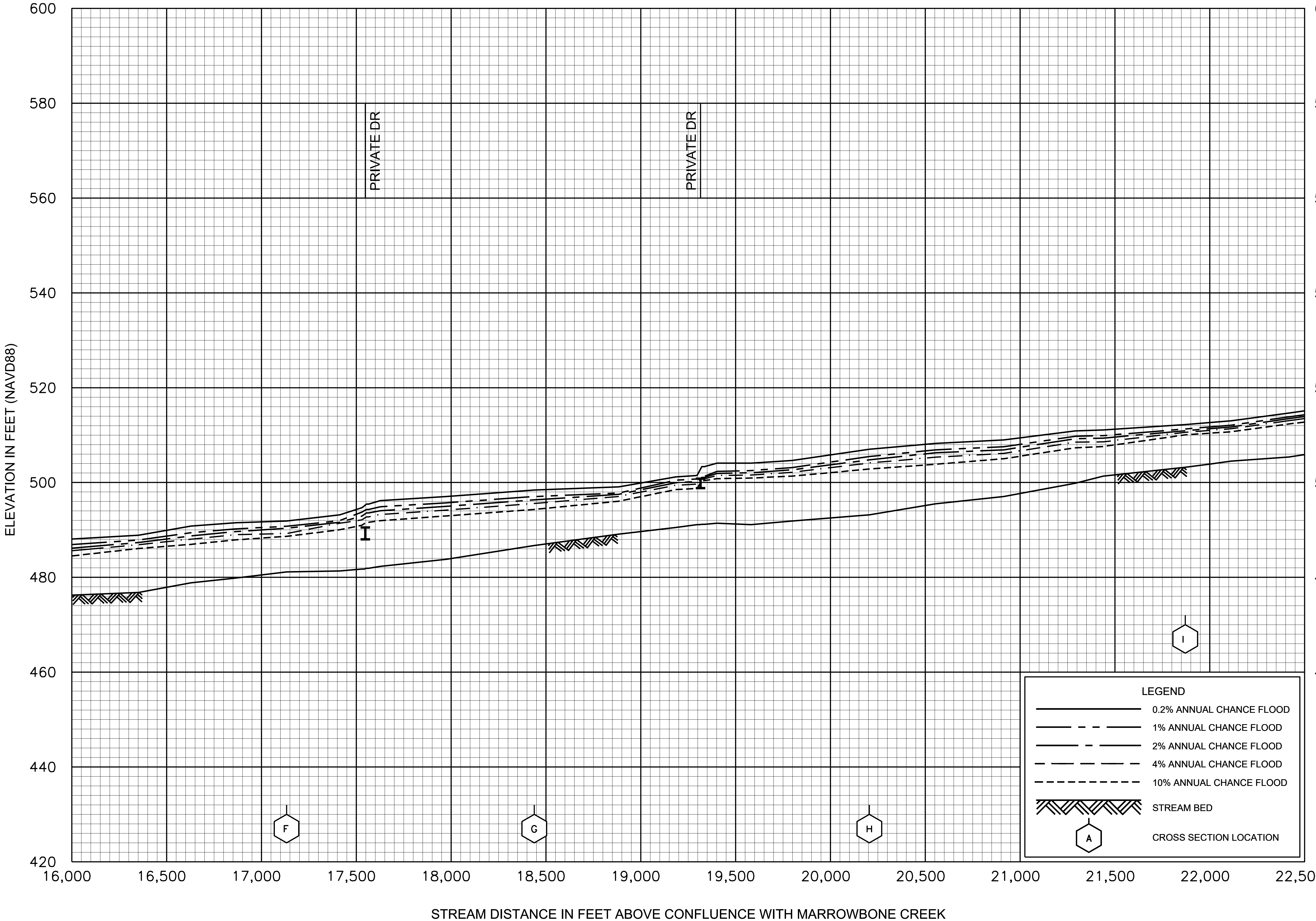
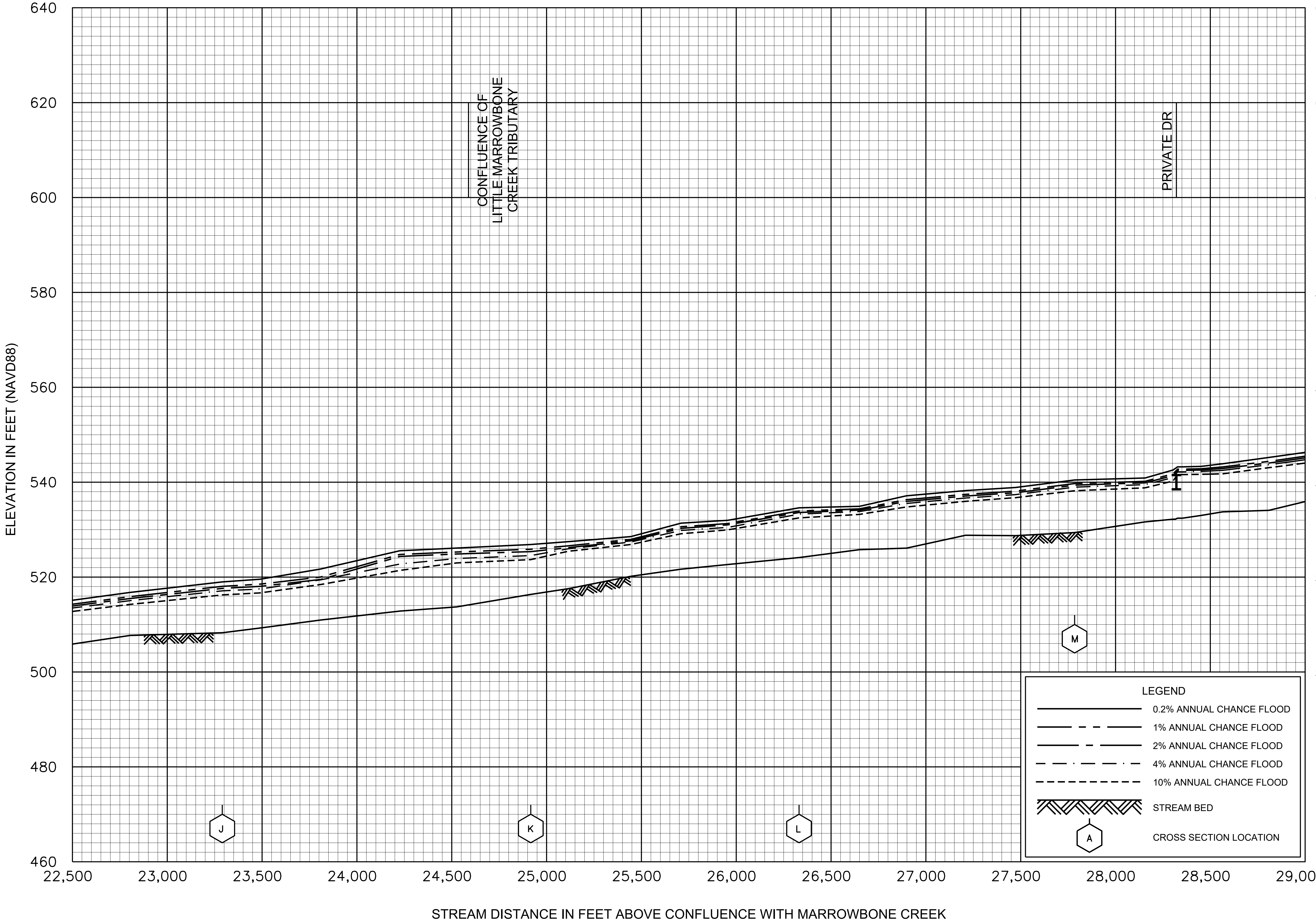


FLOOD PROFILES

LITTLE MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

182P



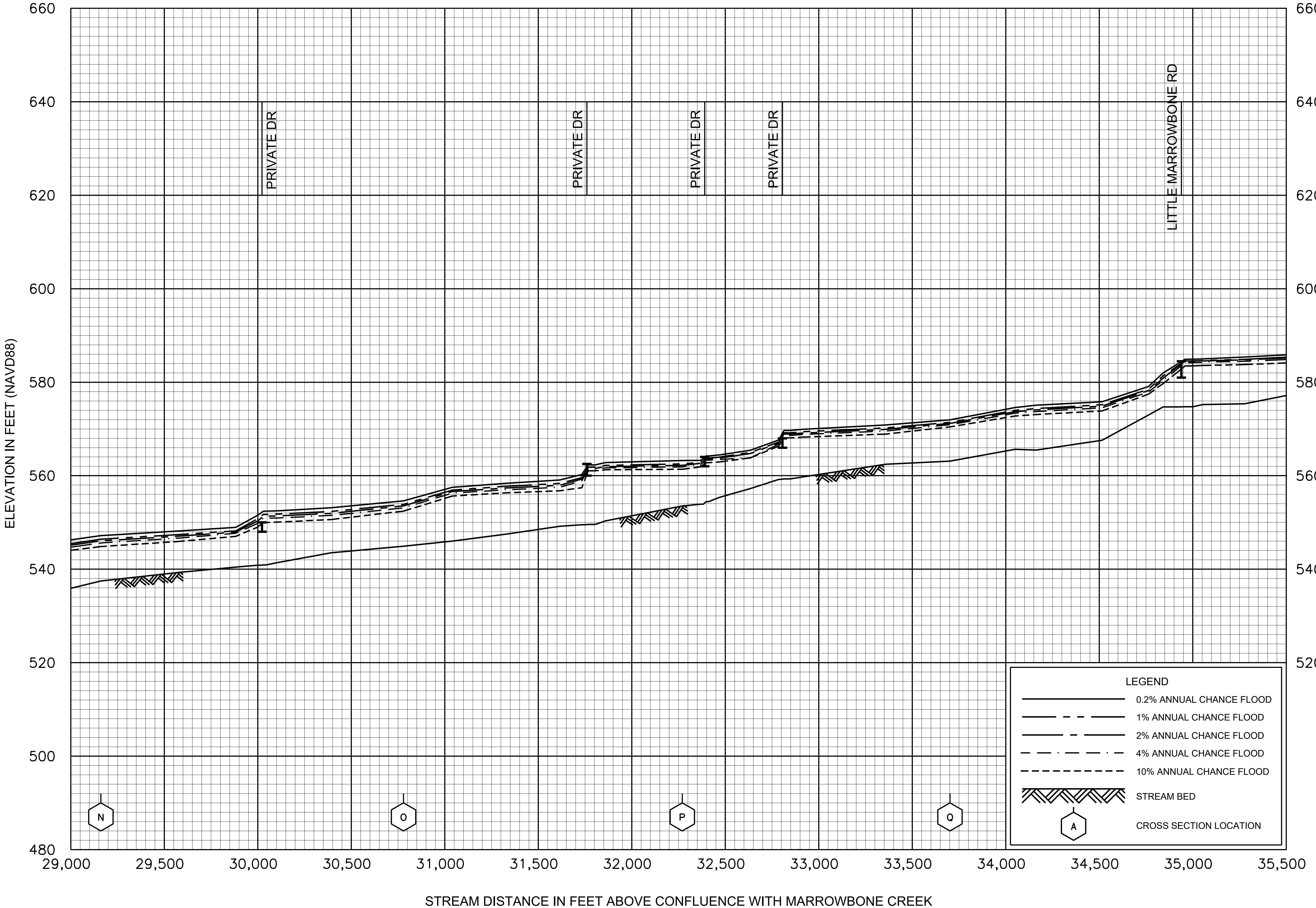
FLOOD PROFILES

LITTLE MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

183P

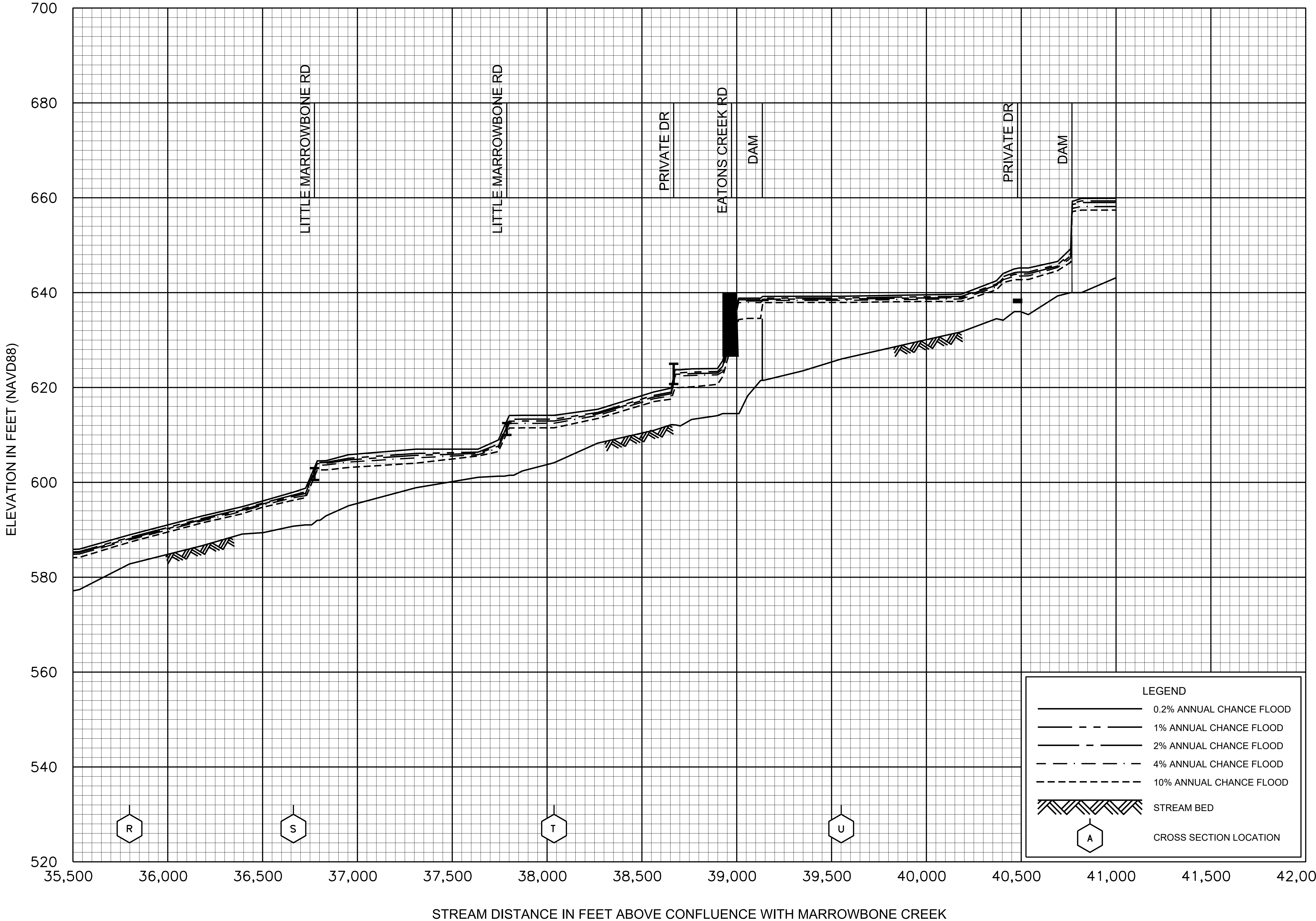


FLOOD PROFILES

LITTLE MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

LITTLE MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

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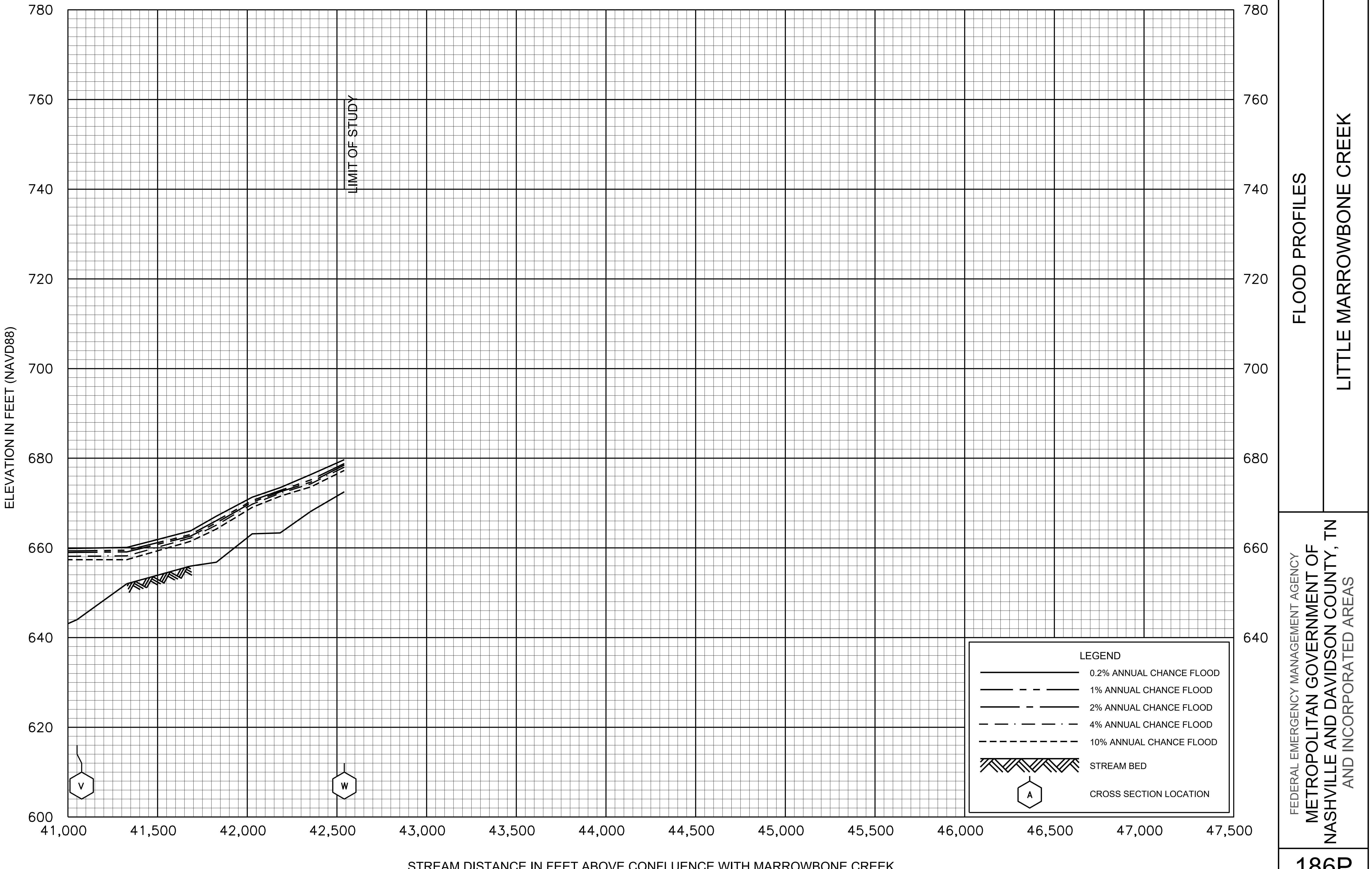
780
760
740
720
700
680
660
640
620
600
ELEVATION IN FEET (NAVD88)
LIMIT OF STUDY
V
W
41,000
41,500
42,000
42,500
43,000
43,500
44,000
44,500
45,000
45,500
46,000
46,500
47,000
47,500
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH MARROWBONE CREEK
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
4% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
A
CROSS SECTION LOCATION
FLOOD PROFILES
LITTLE MARROWBONE CREEK
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
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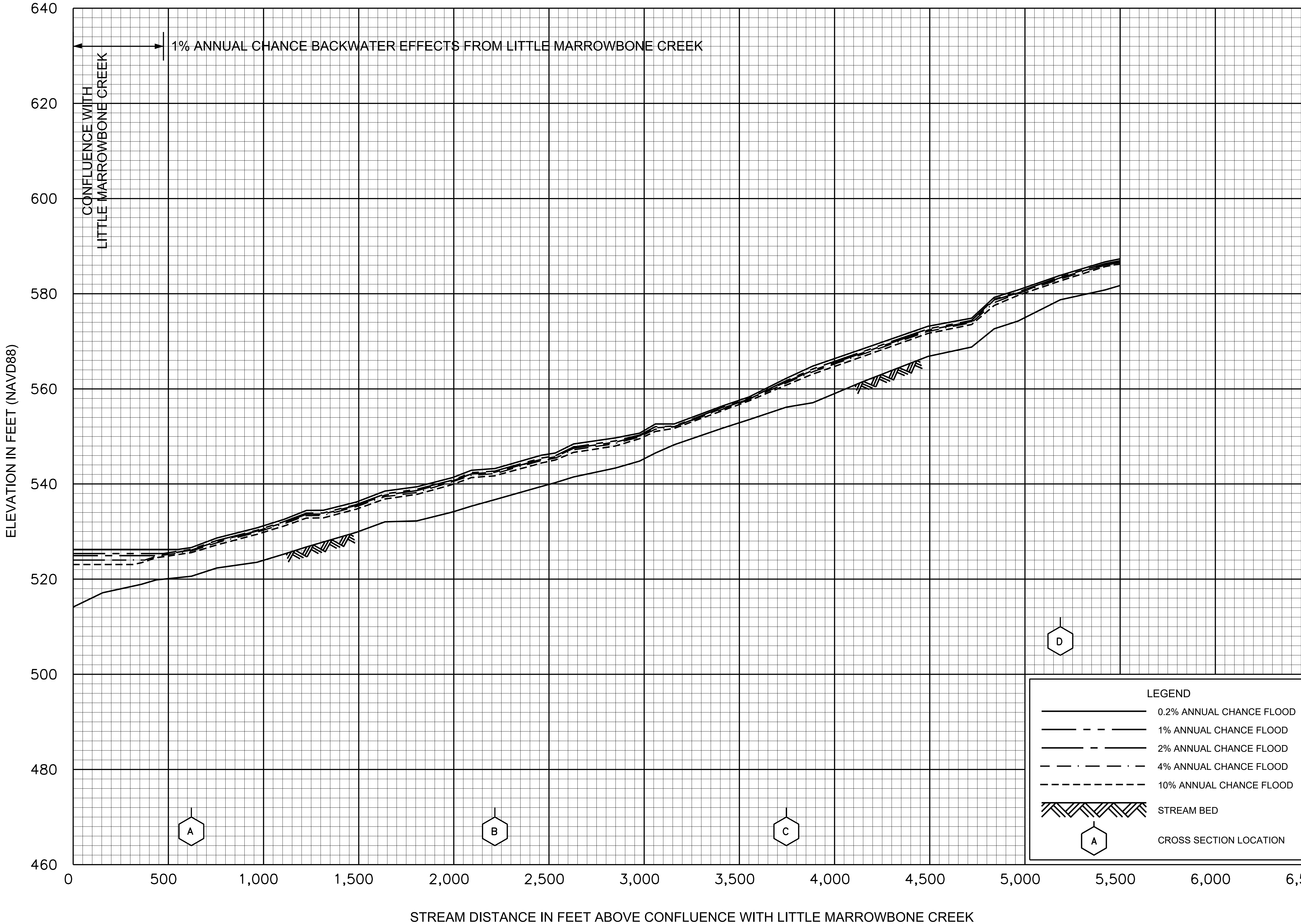
AND INCORPORATED AREAS

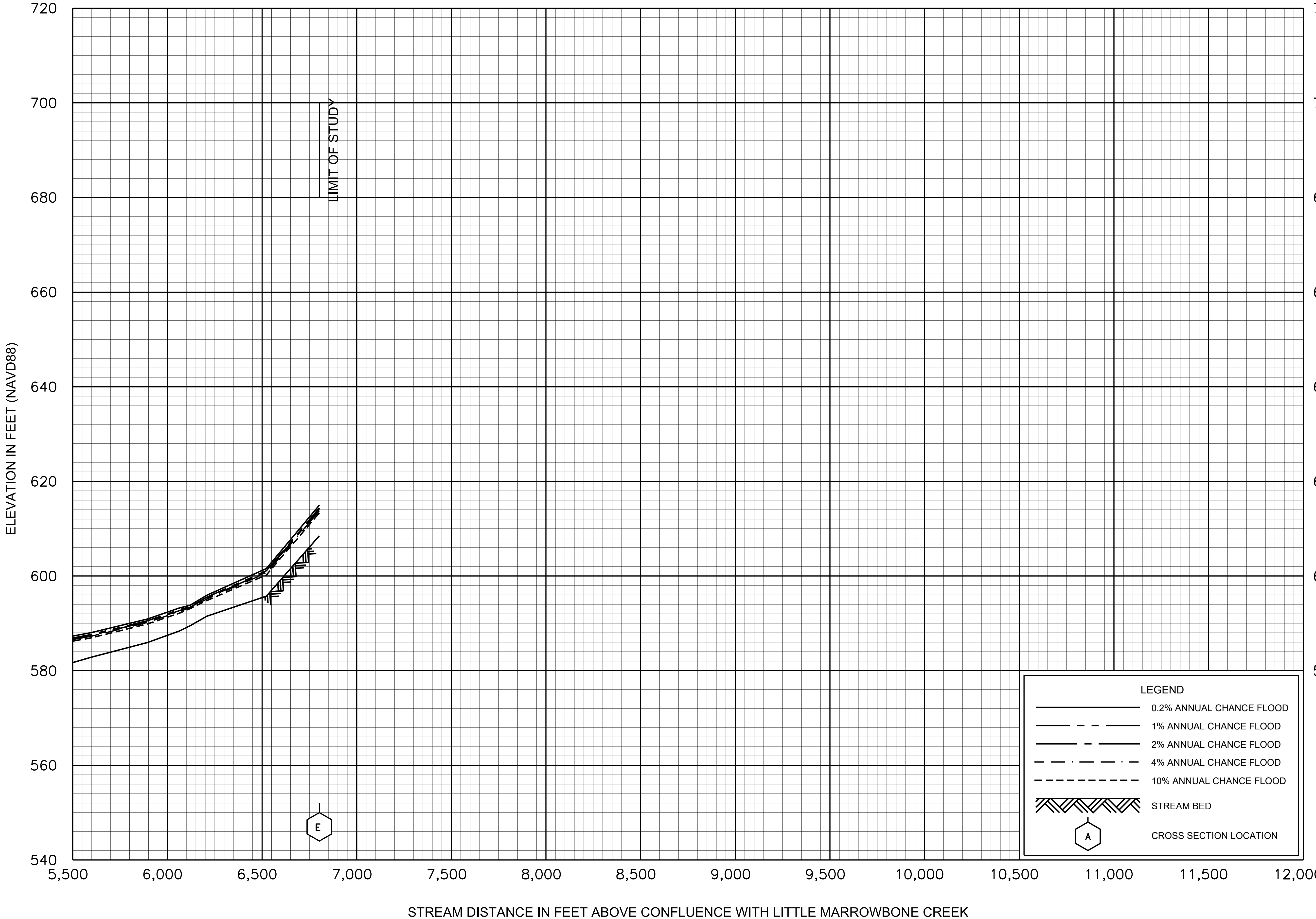


FLOOD PROFILES

LITTLE MARROWBONE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

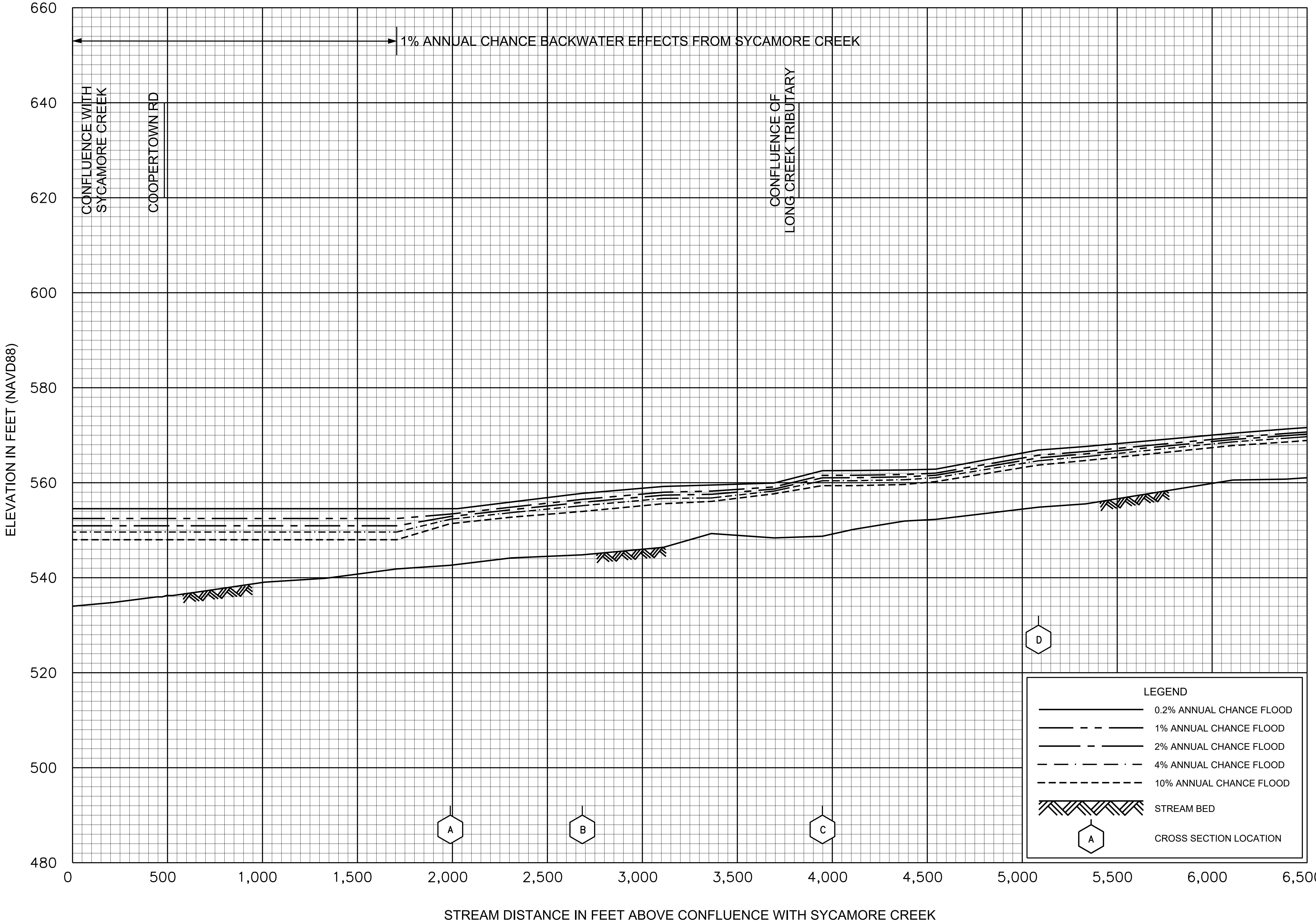
187P



FLOOD PROFILES

LITTLE MARROWBONE CREEK TRIBUTARY

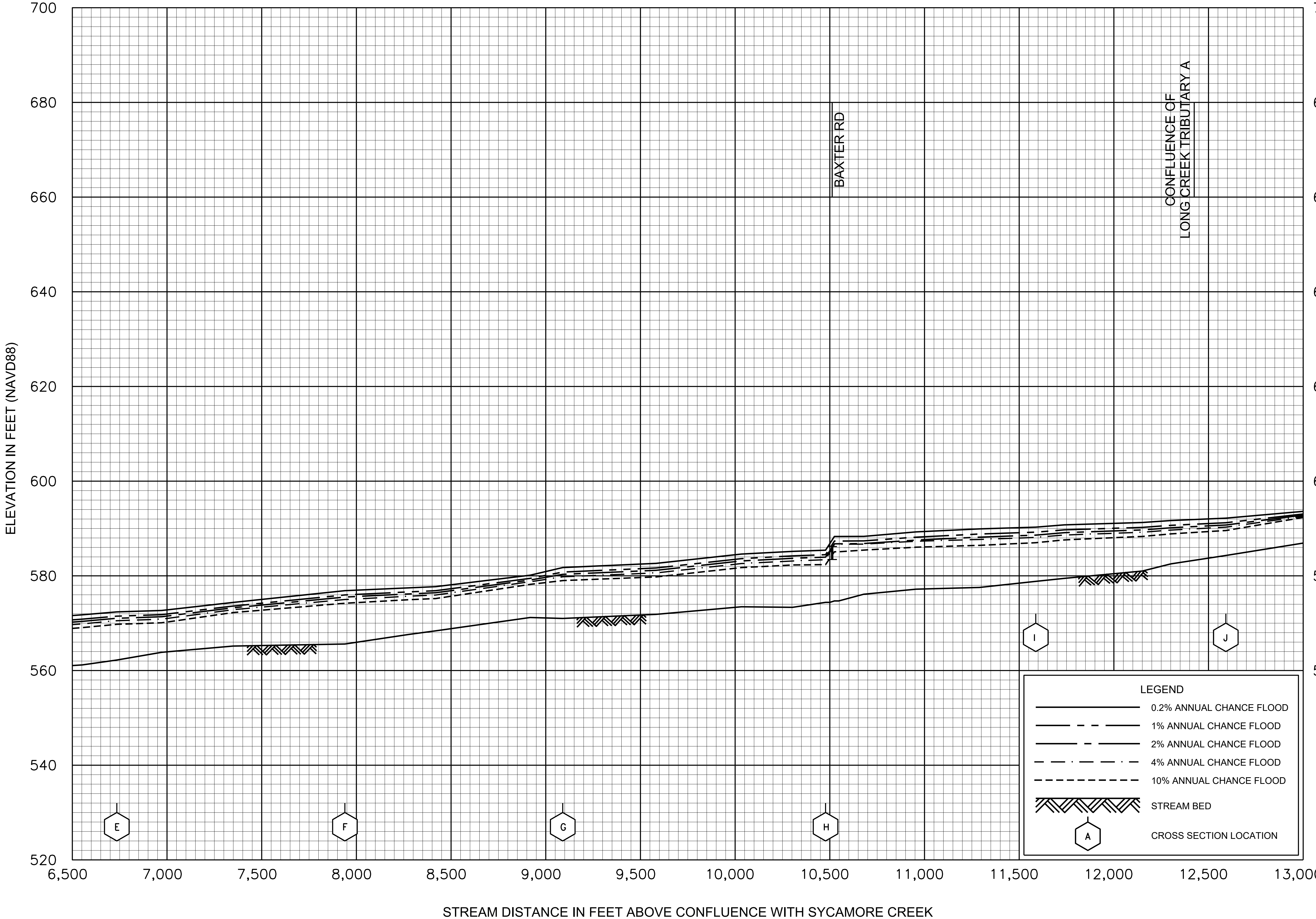
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

LONG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

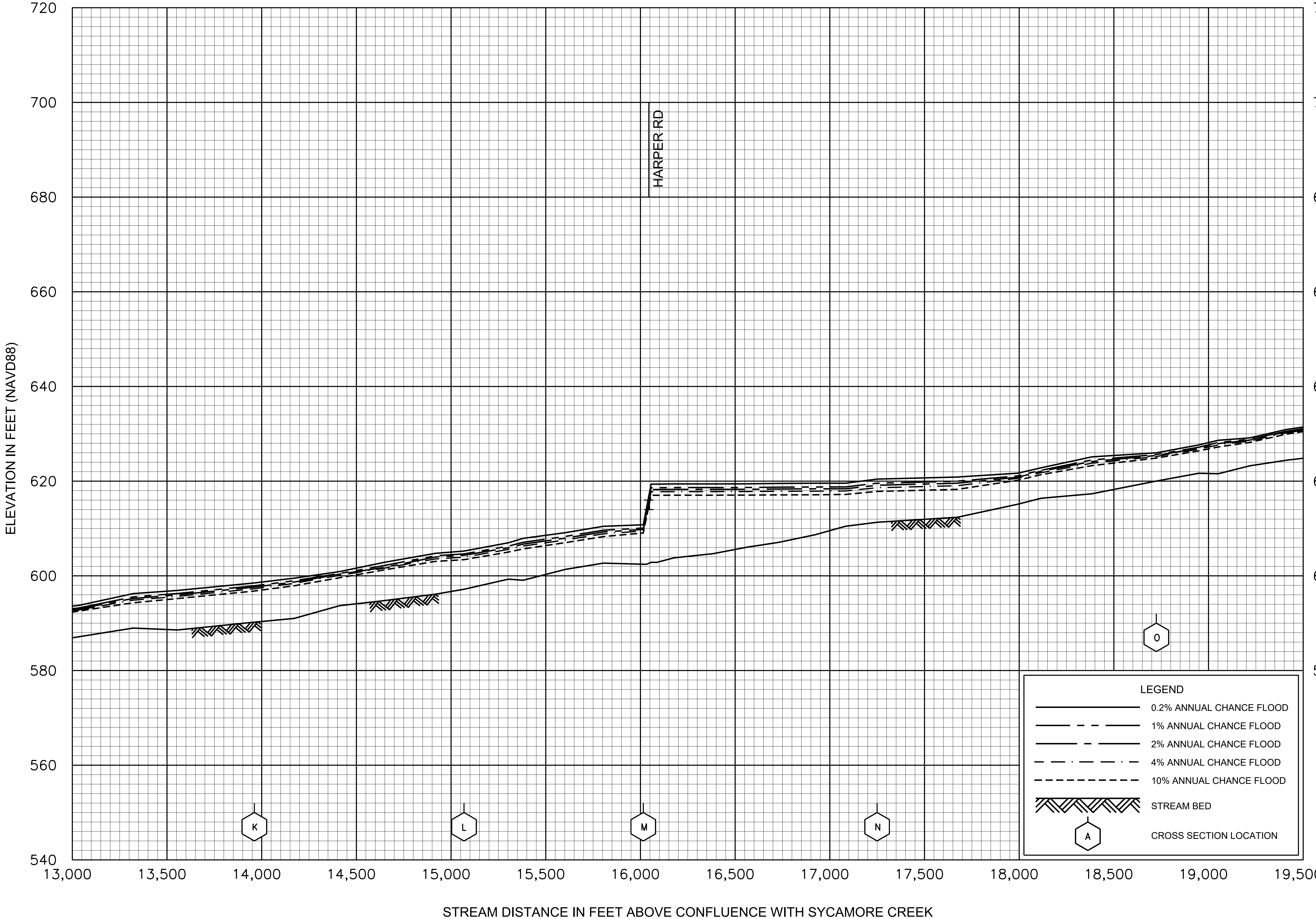


FLOOD PROFILES

LONG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

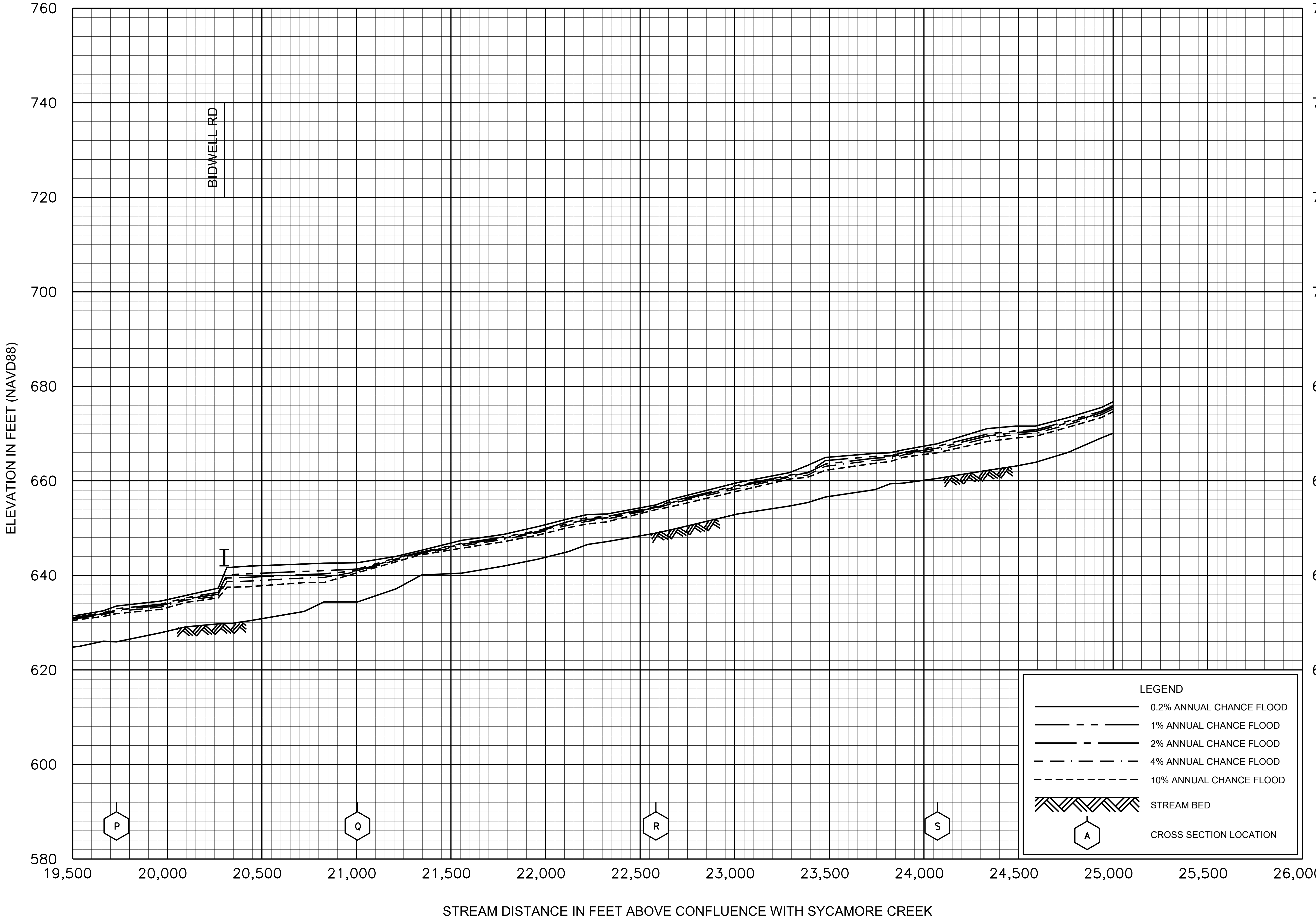
LONG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

191P

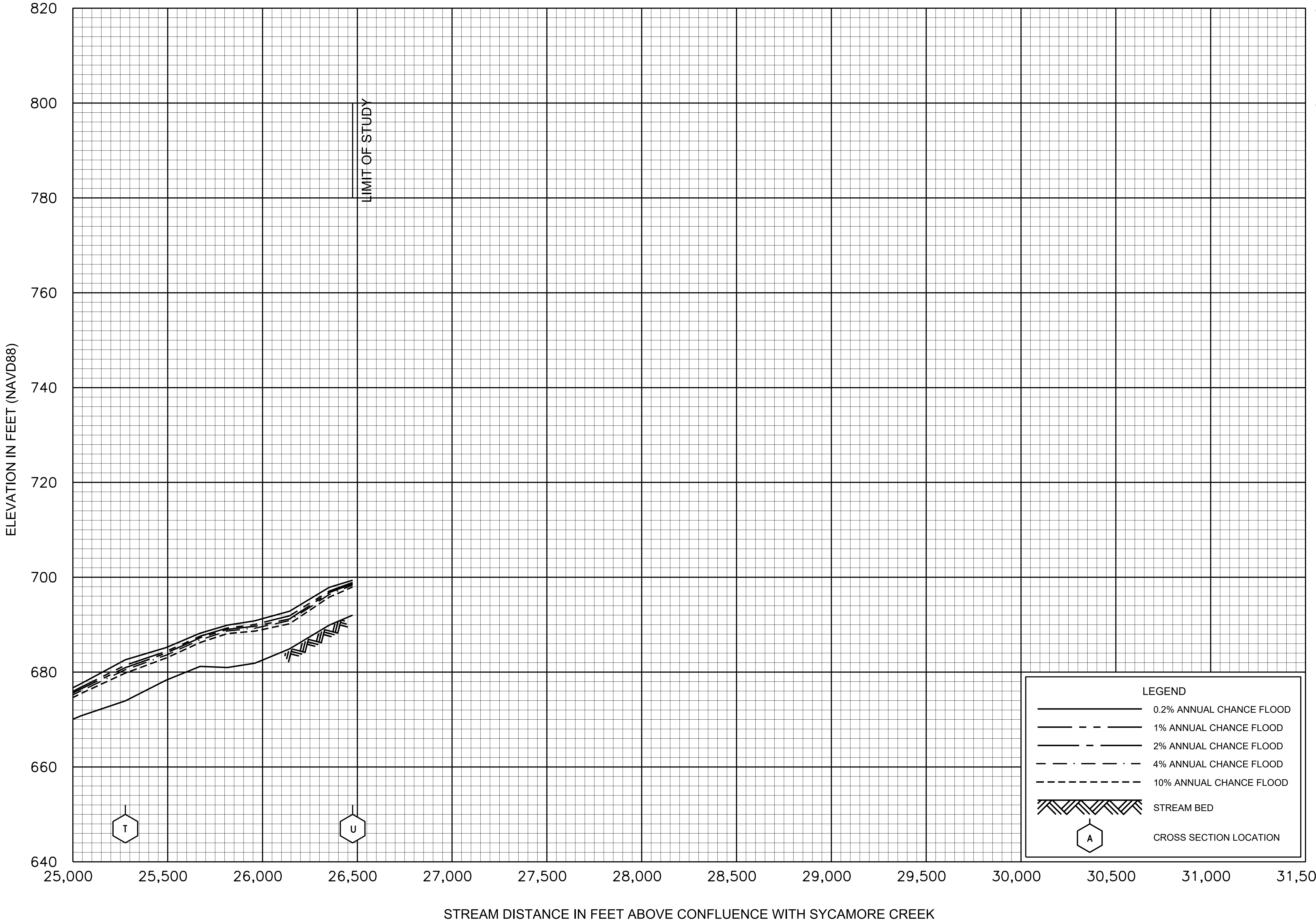


FLOOD PROFILES

LONG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

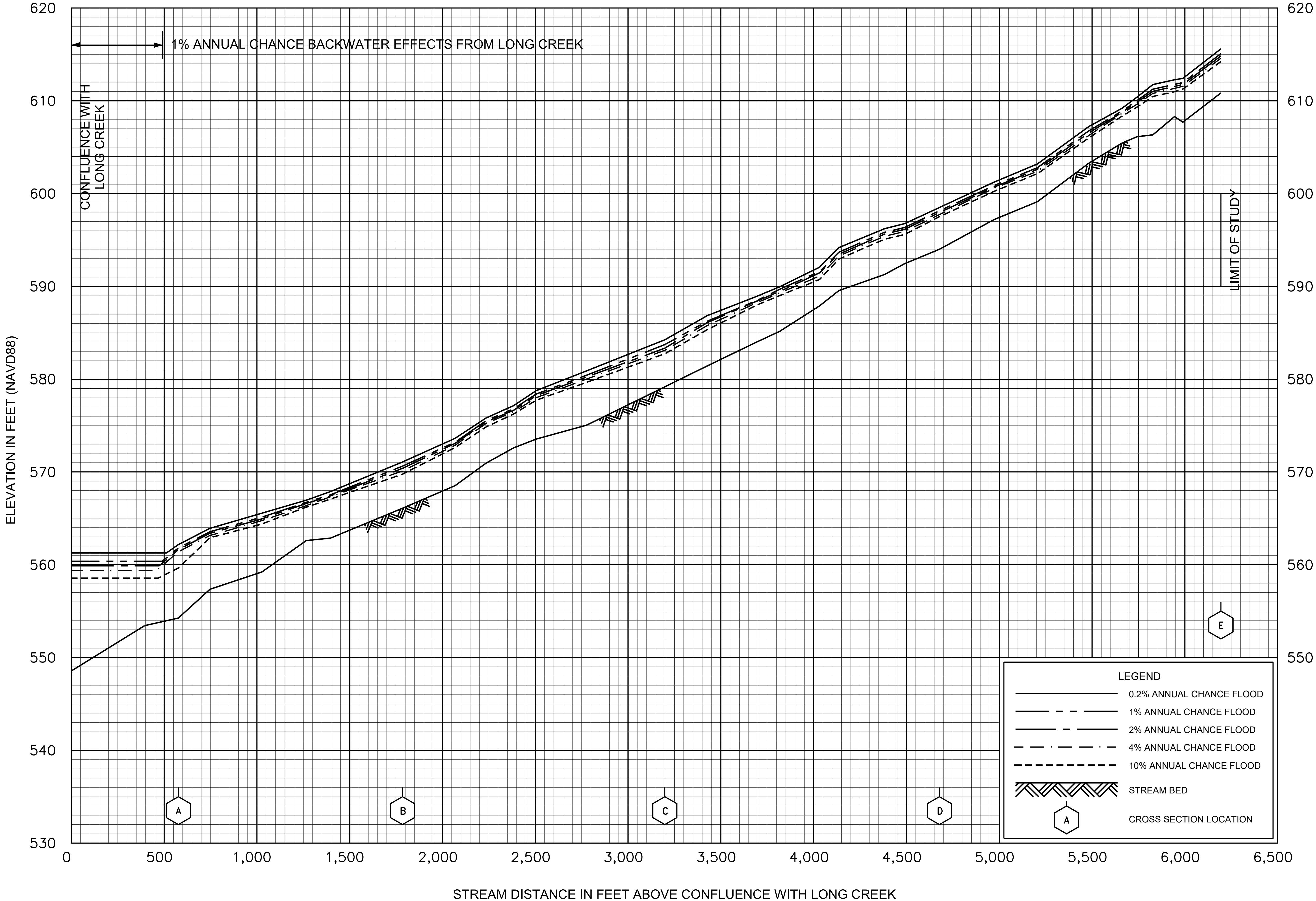
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

LONG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

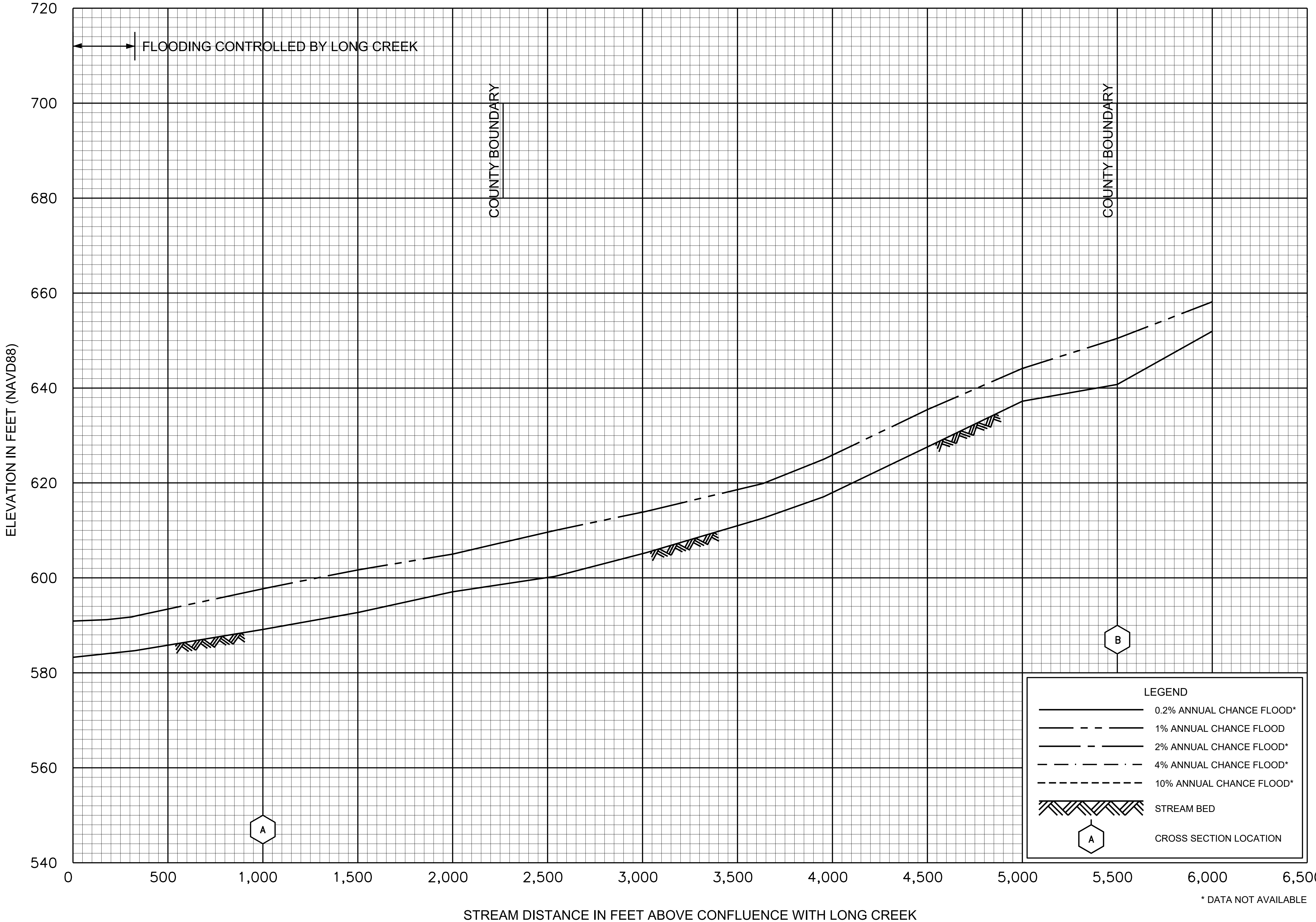


FLOOD PROFILES

LONG CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

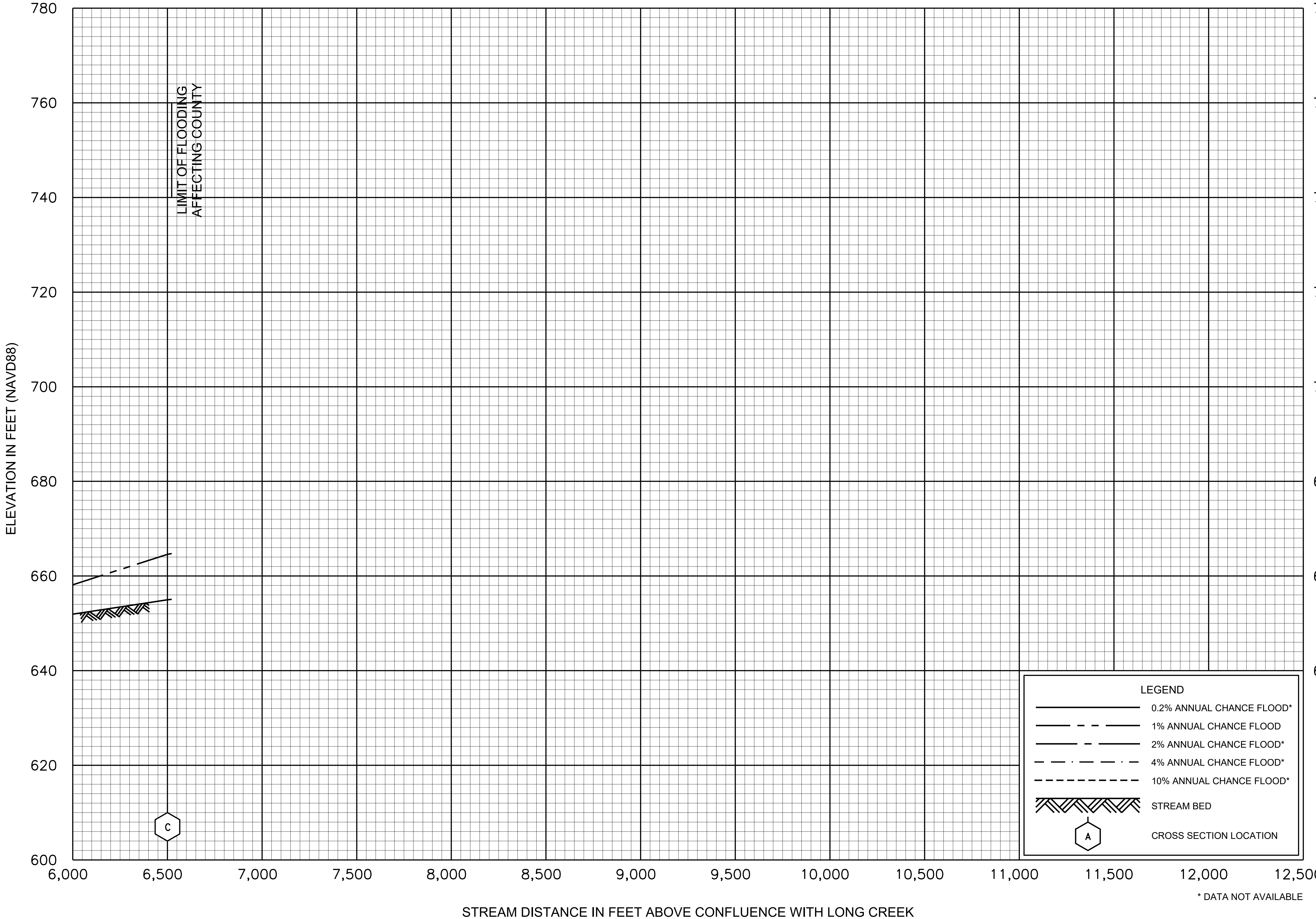


FLOOD PROFILES

LONG CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

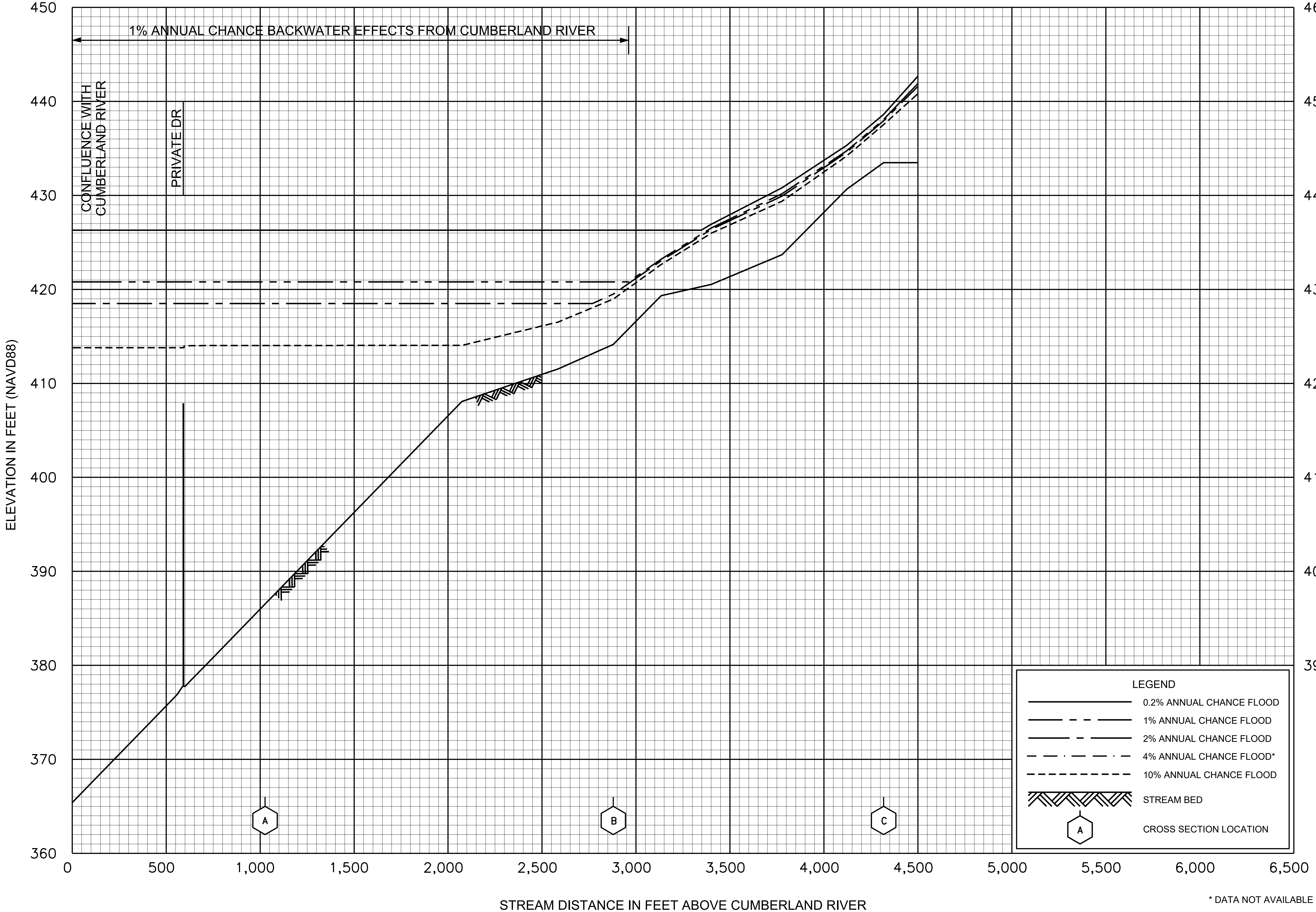


FLOOD PROFILES

LONG CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

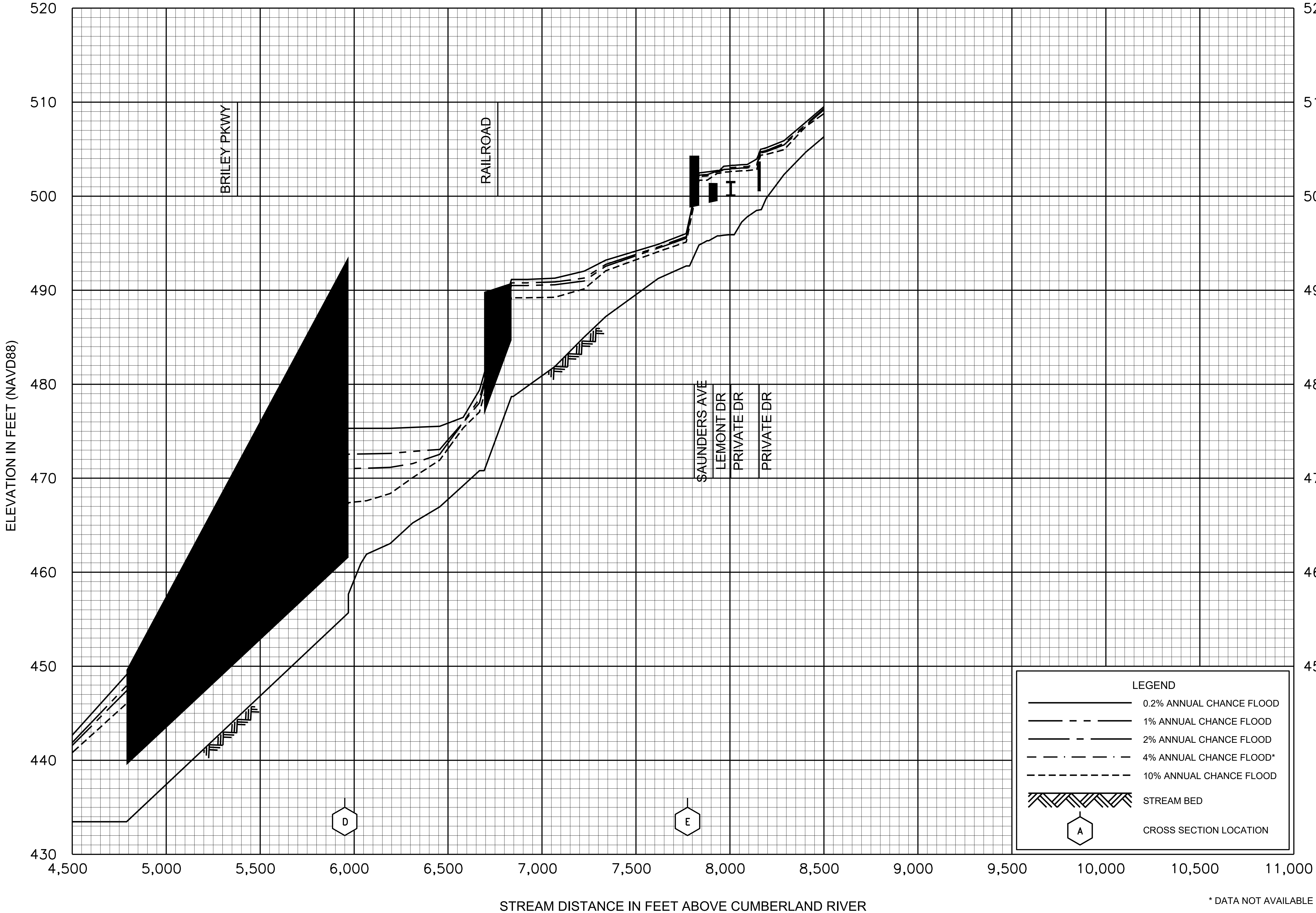
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

LOVES BRANCH

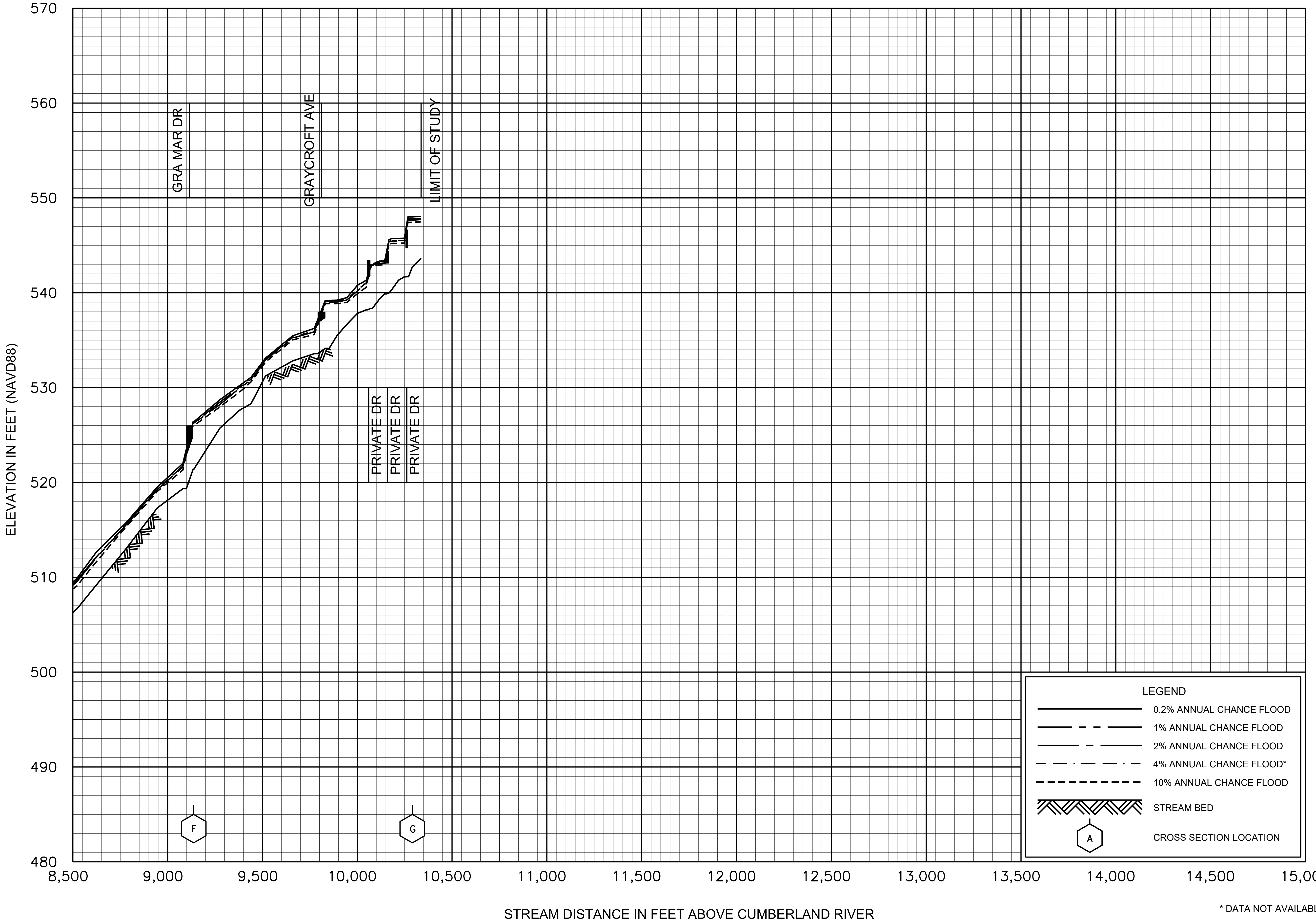
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

LOVES BRANCH

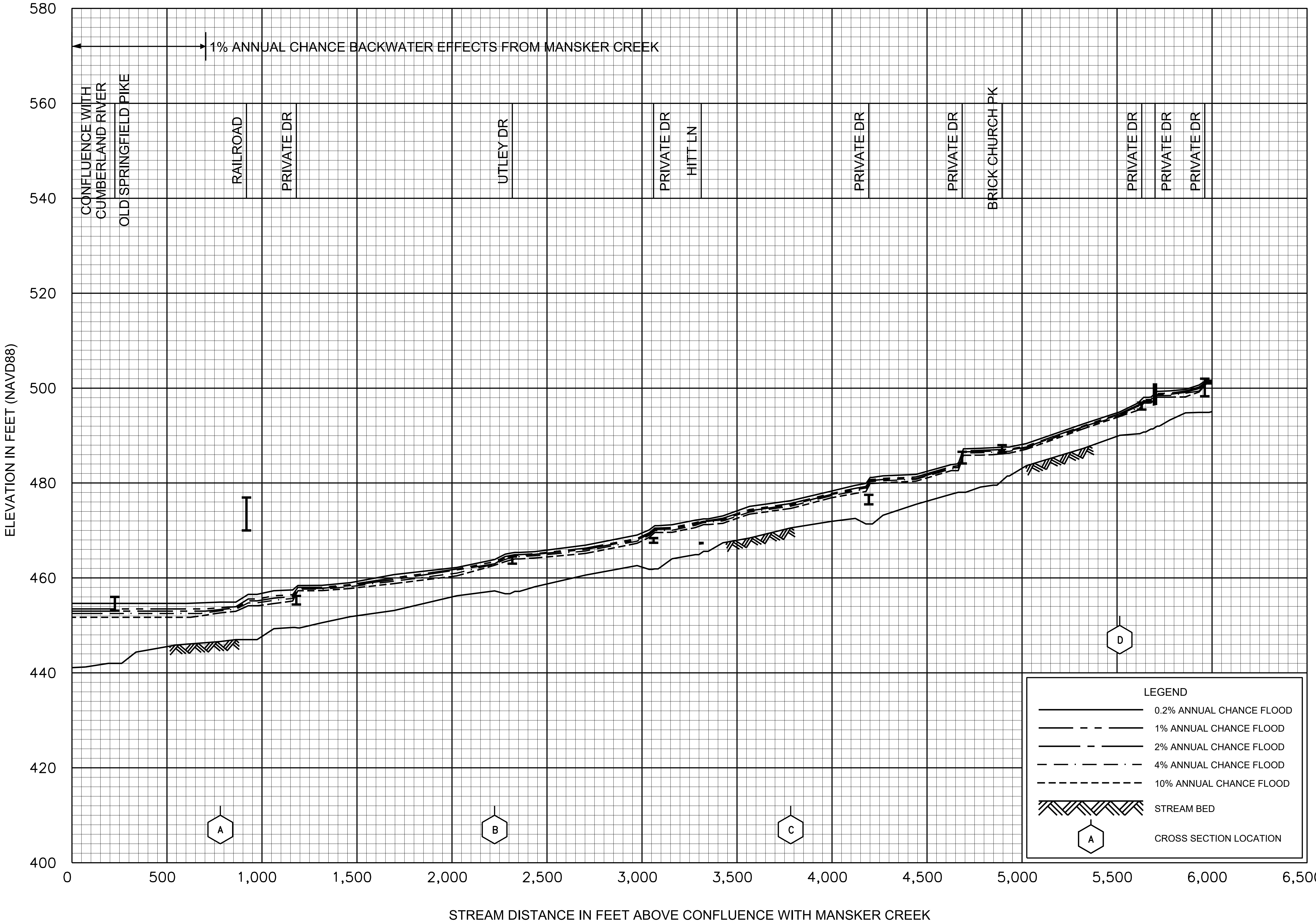
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

LOVES BRANCH

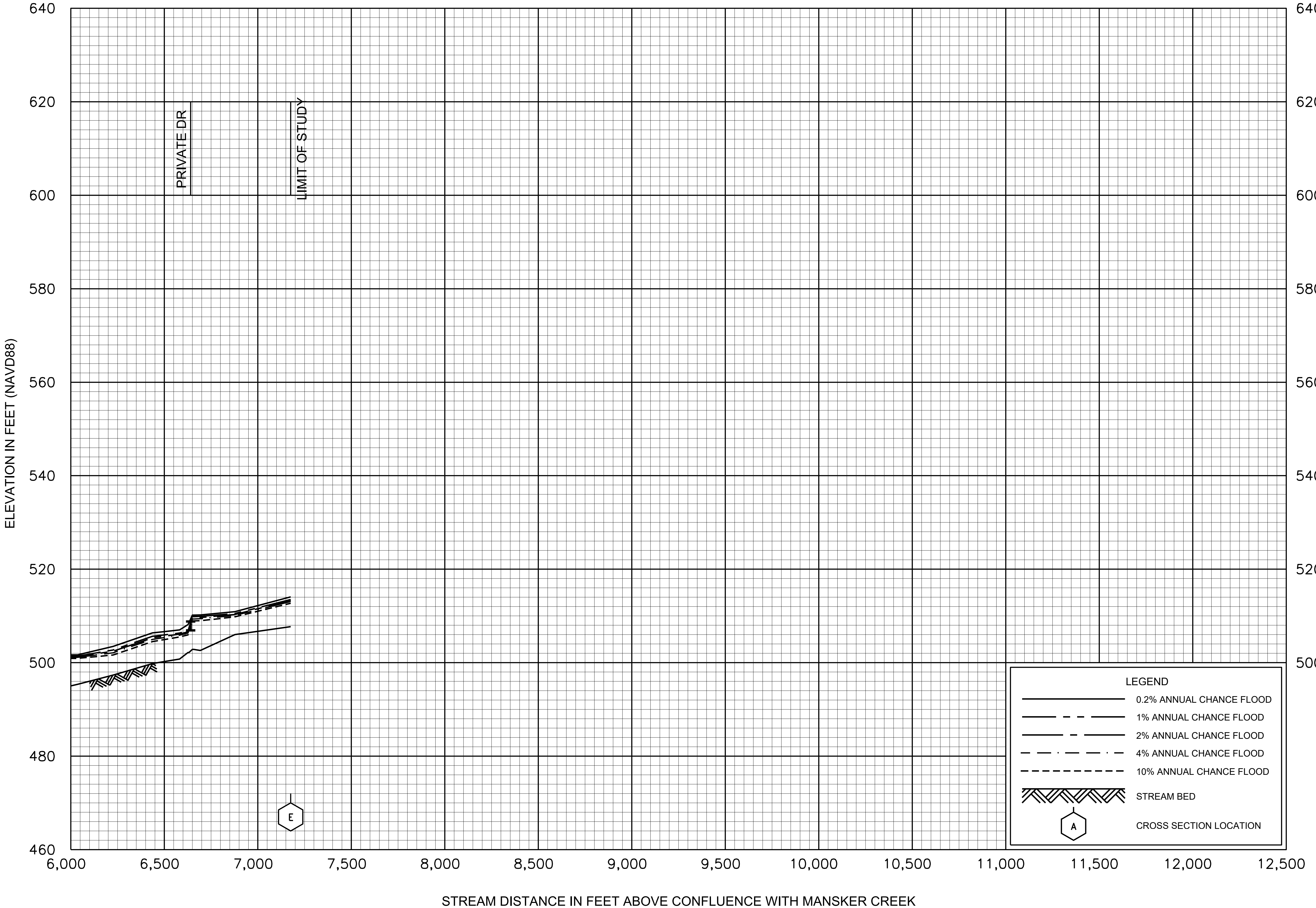
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

LUMSLEY FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

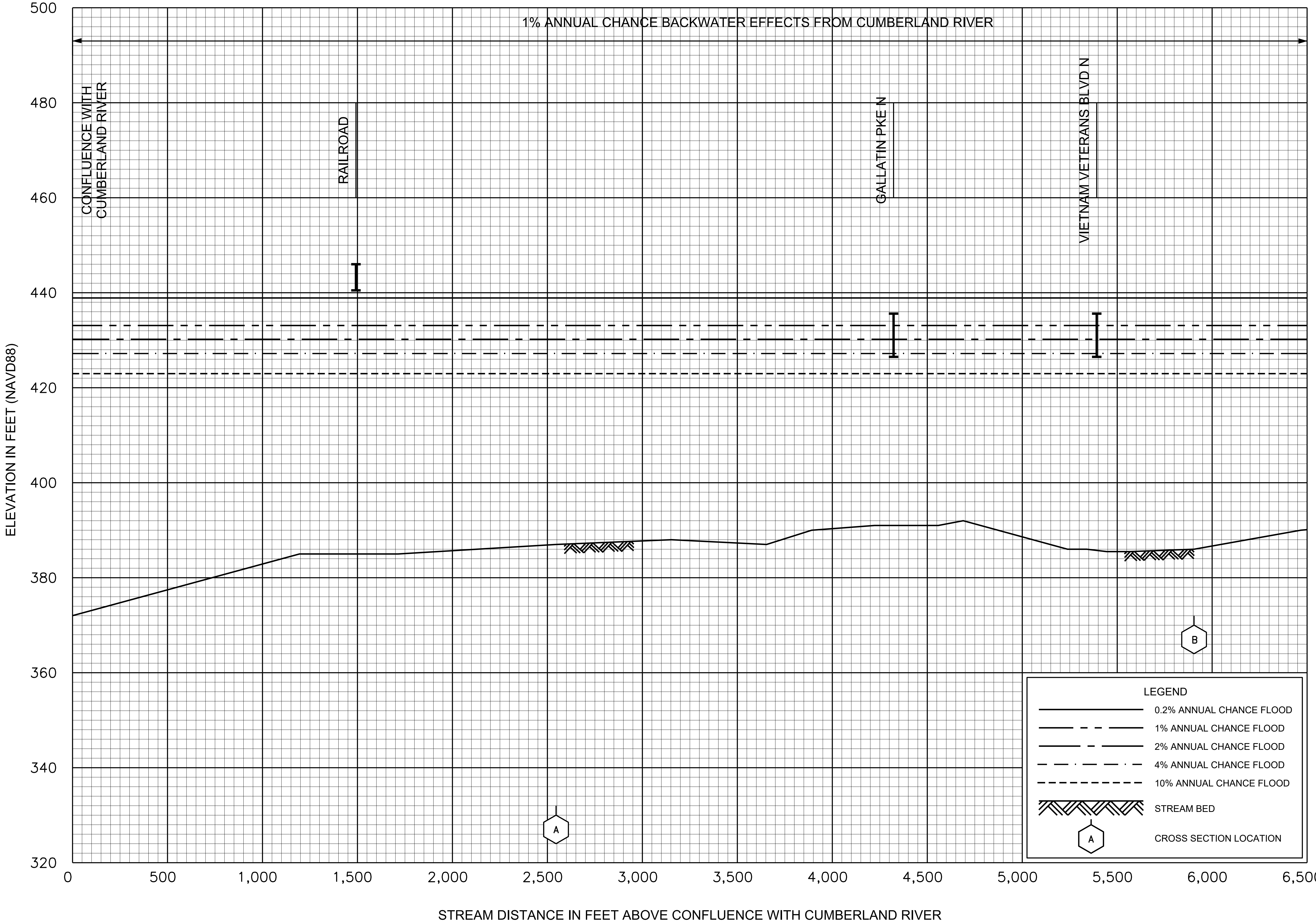


FLOOD PROFILES

LUMSLEY FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

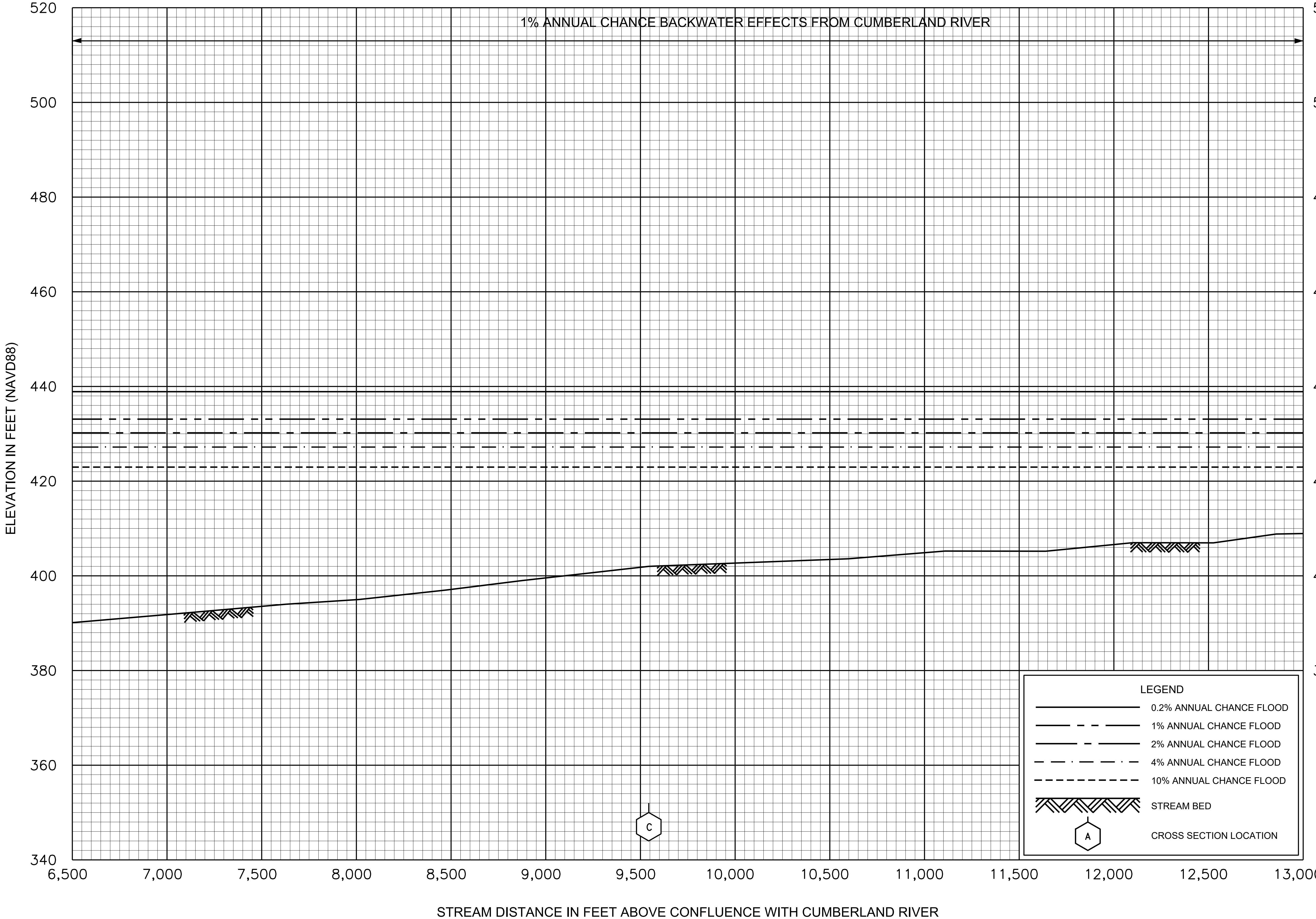
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

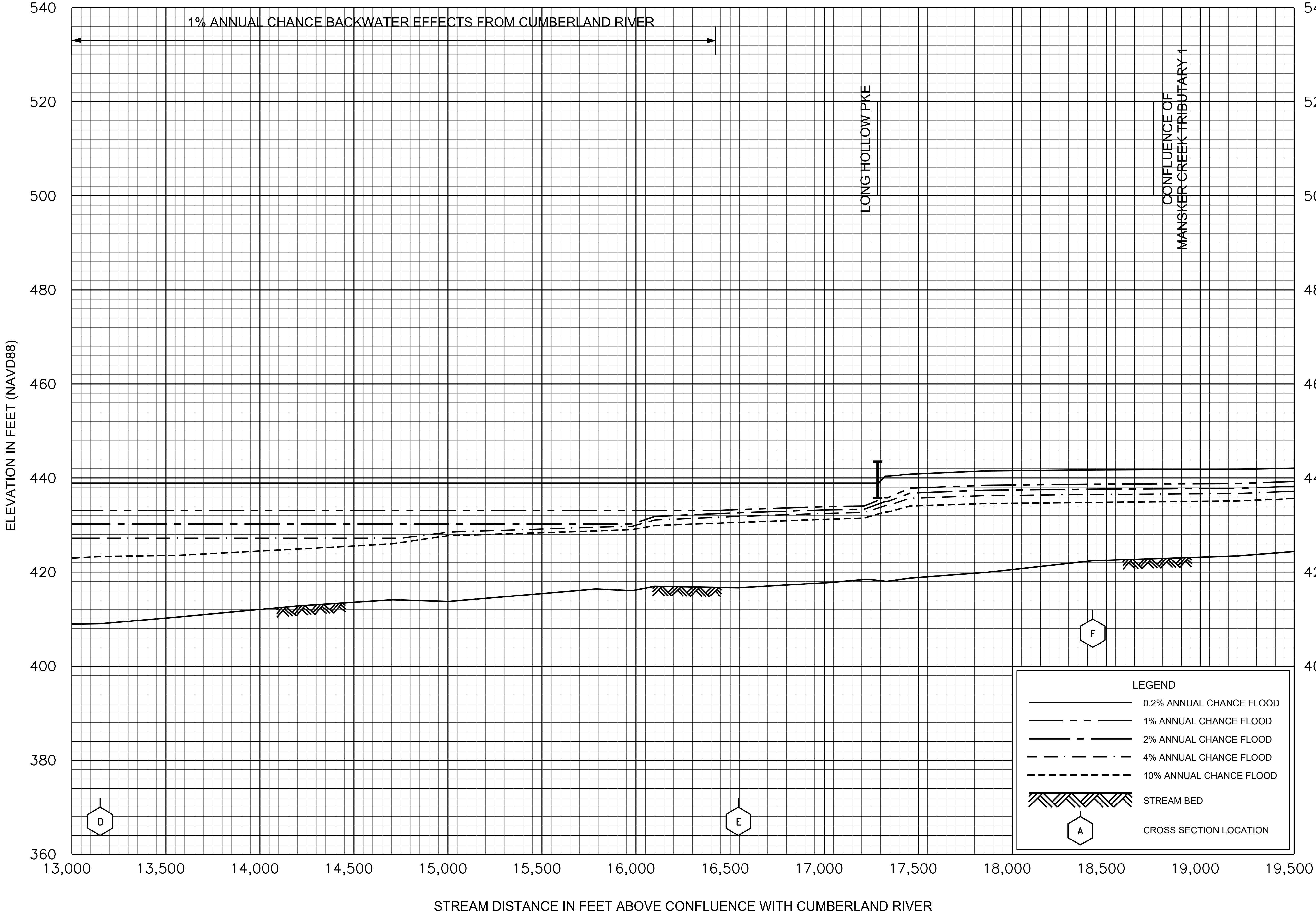


FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

201P

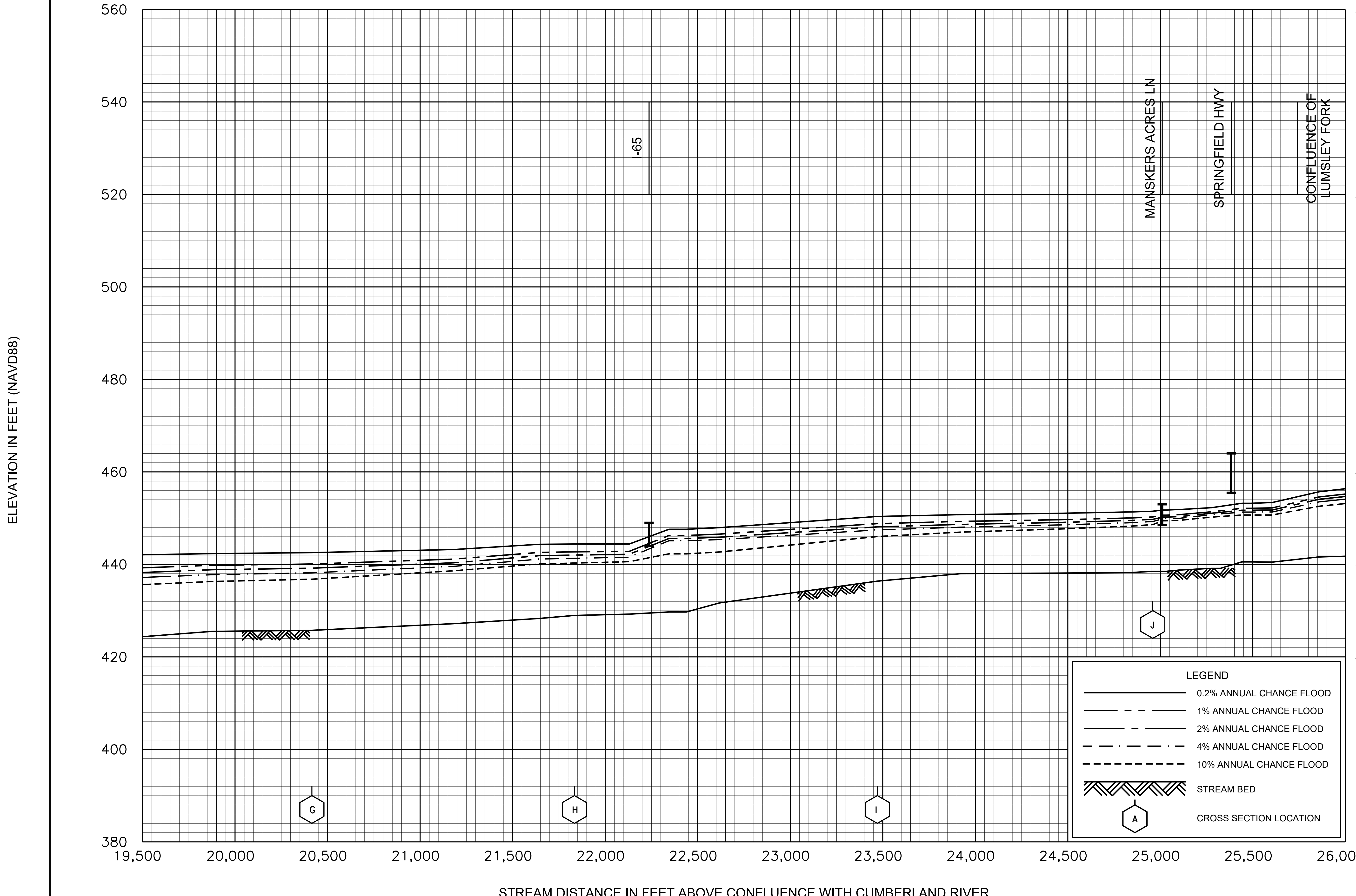


FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

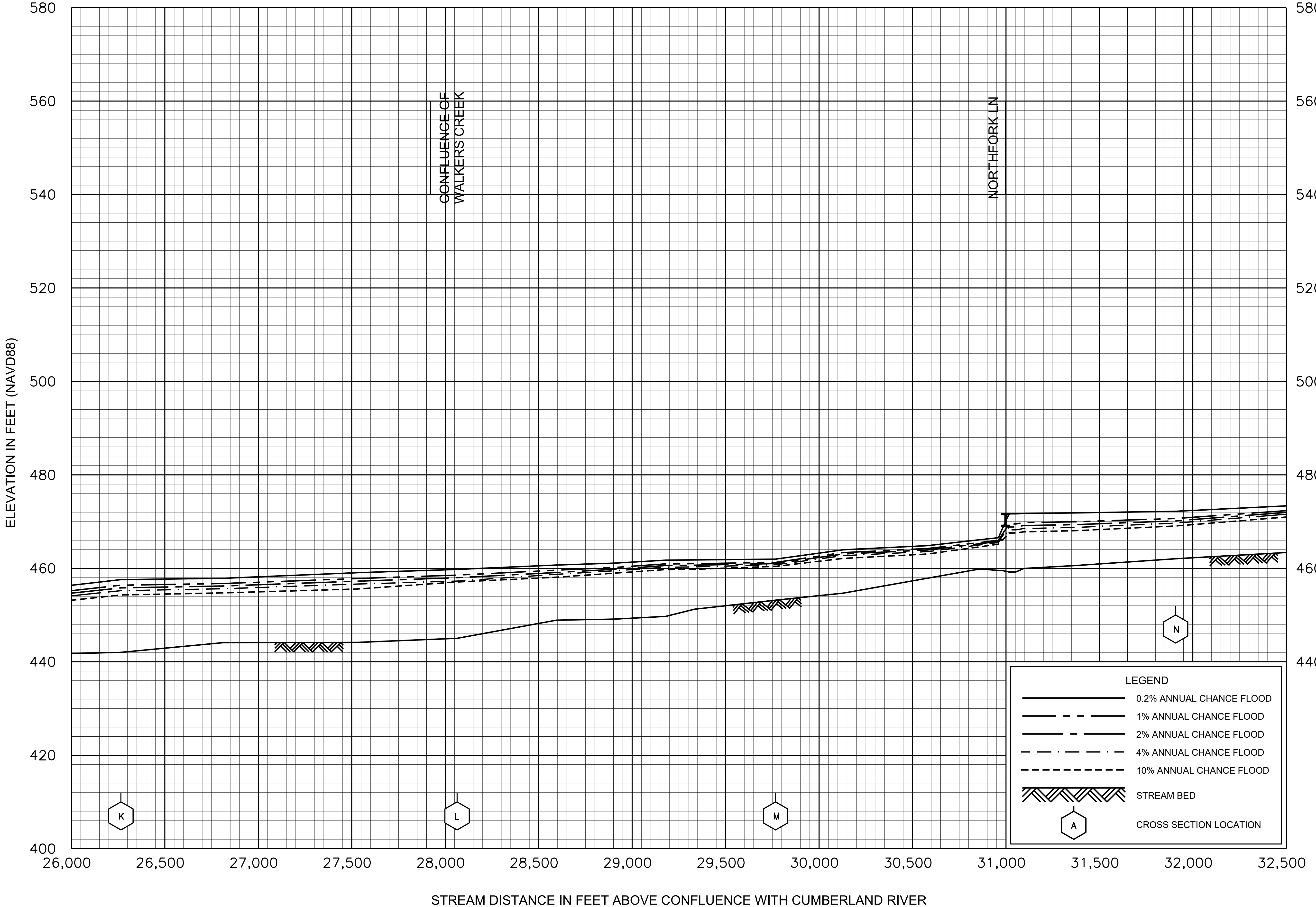
202P



FLOOD PROFILES

MANSKER CREEK

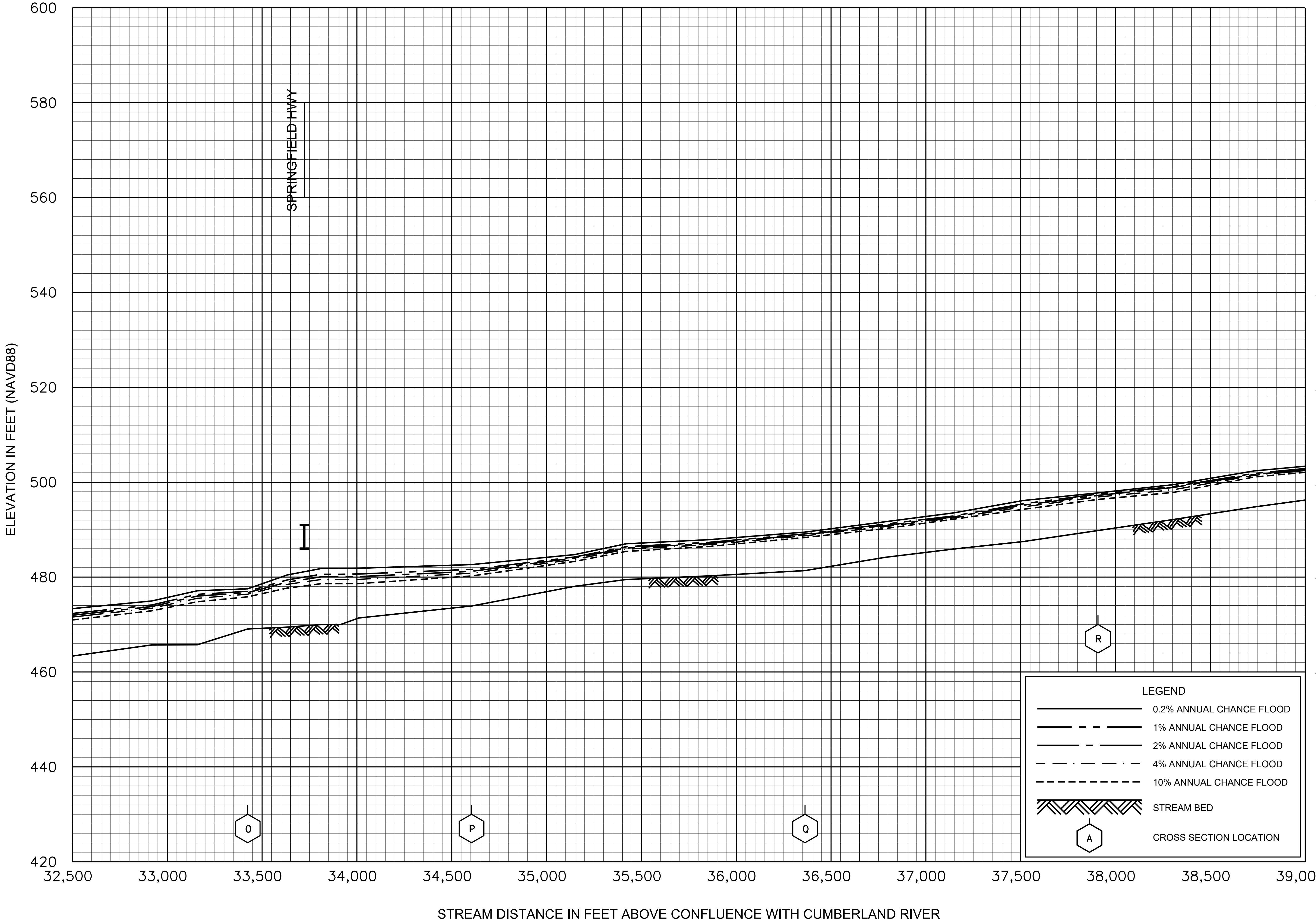
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

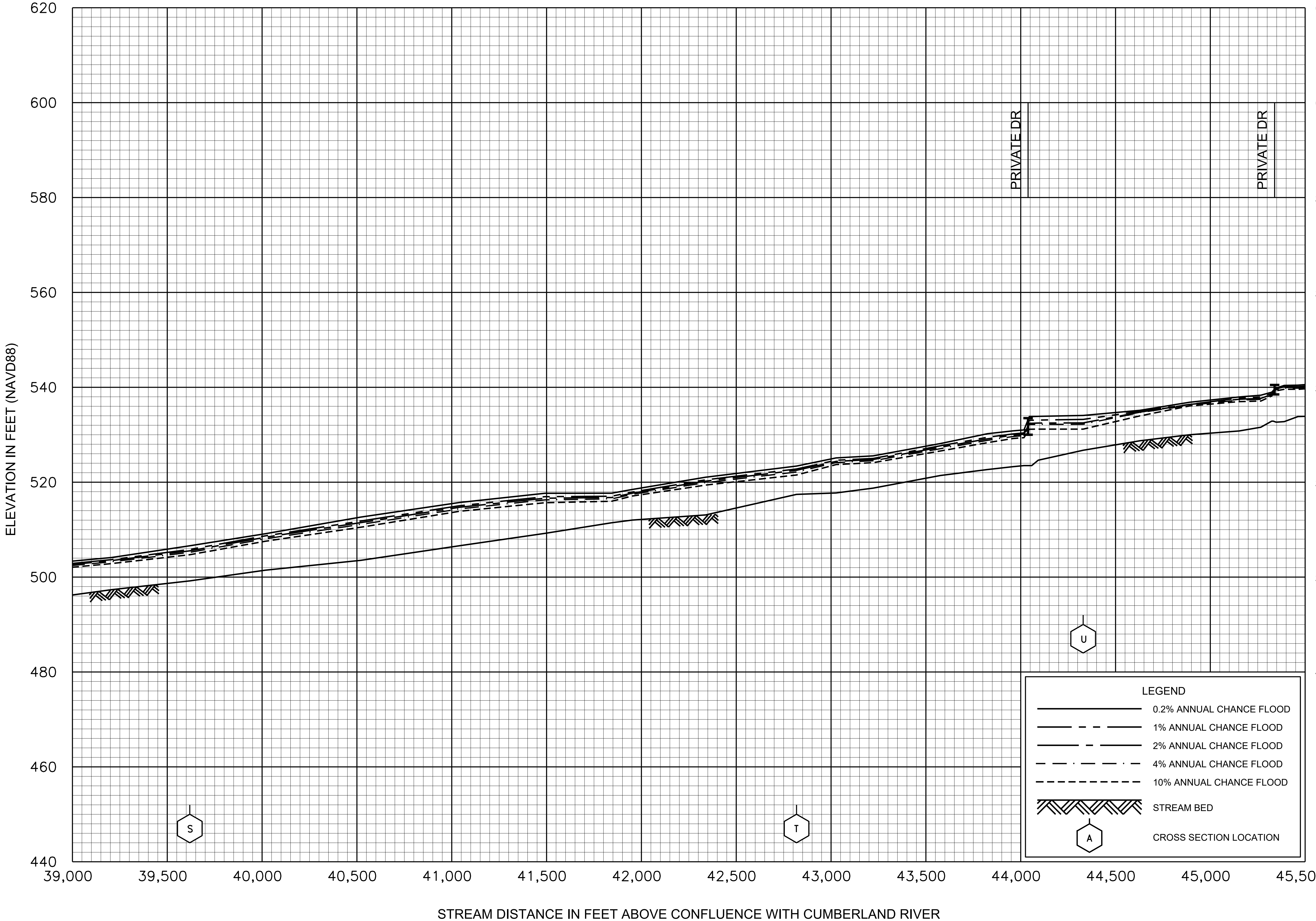


FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

205P

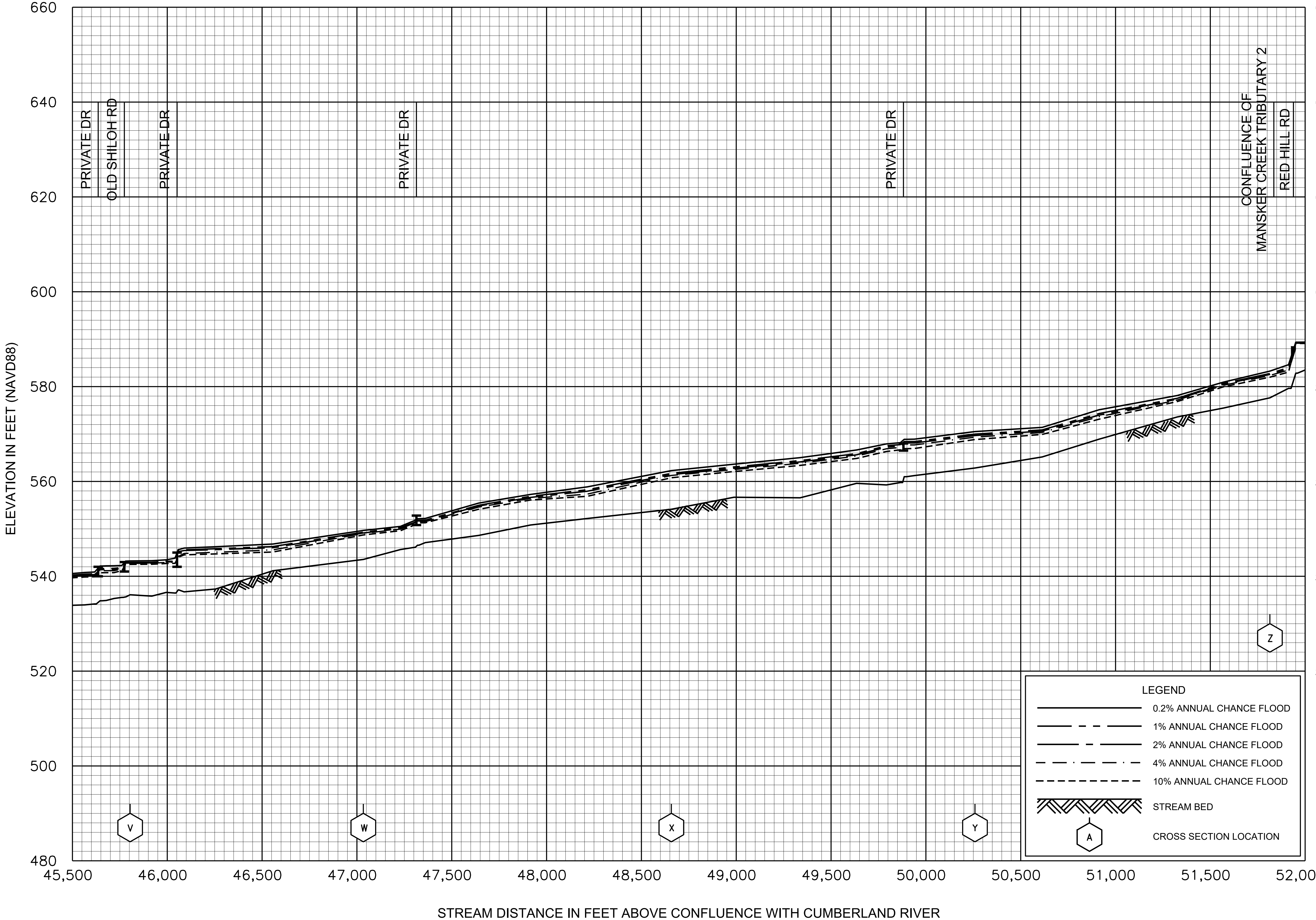


FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

206P

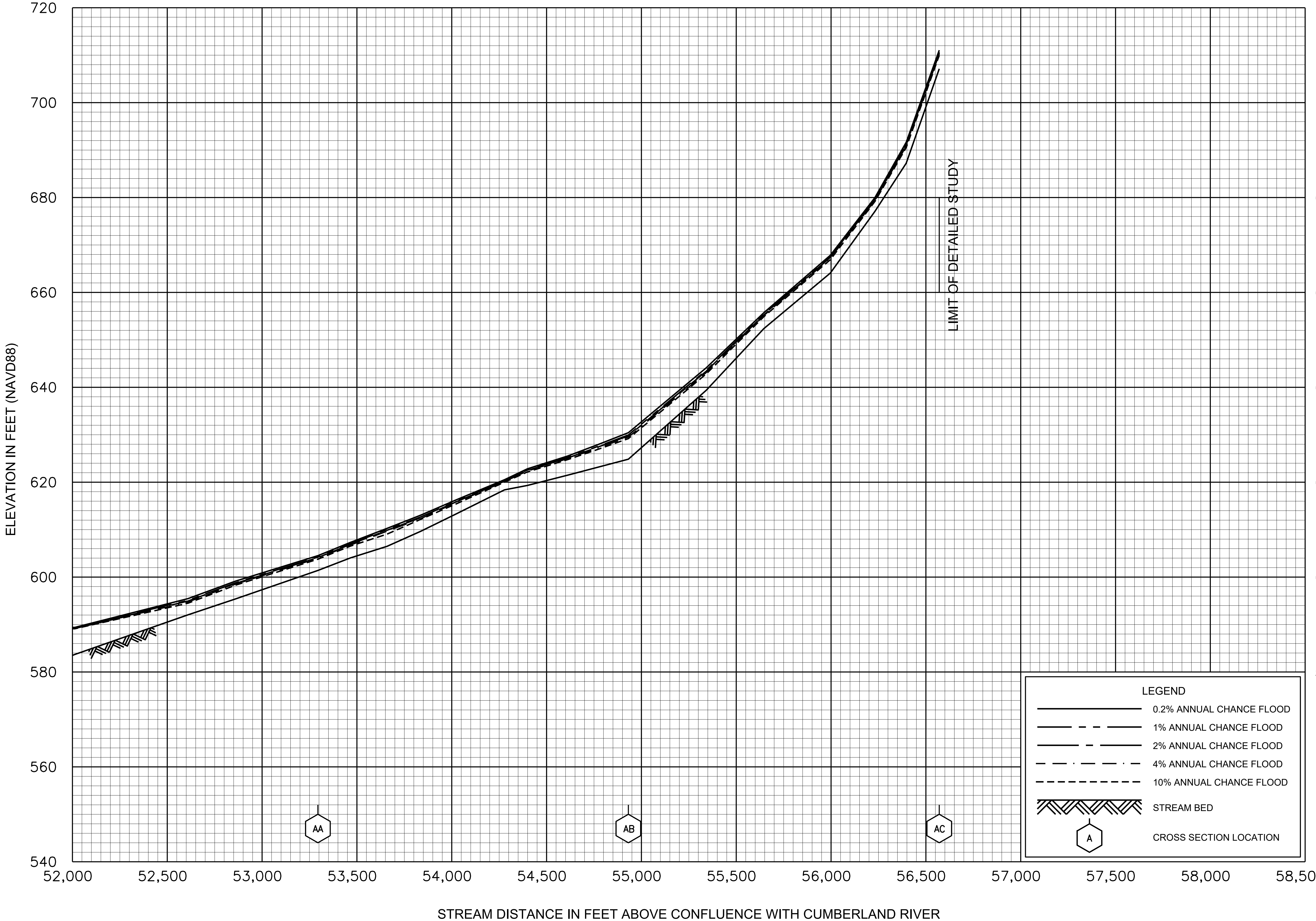


FLOOD PROFILES

MANSKER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

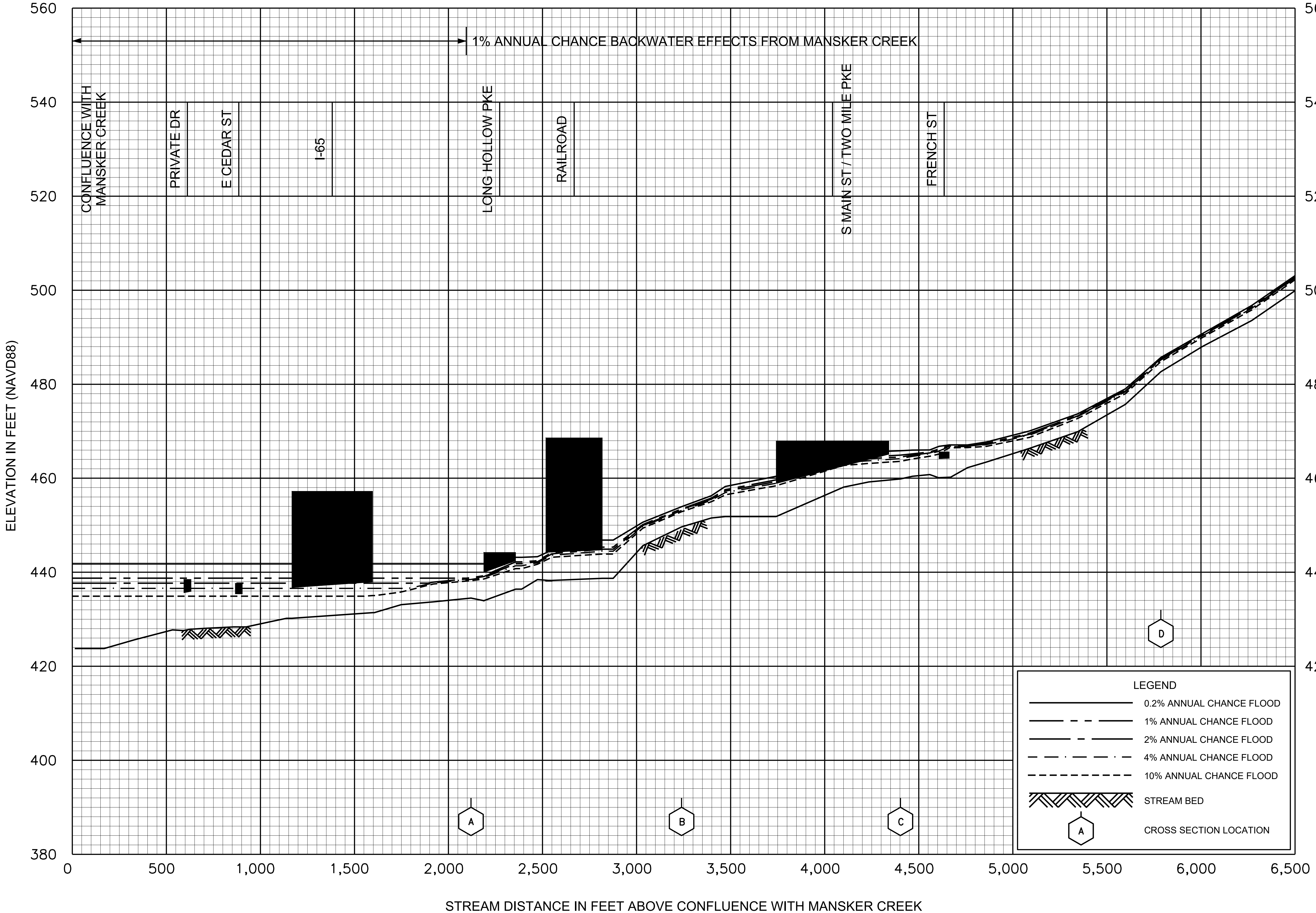
207P



FLOOD PROFILES

MANSKER CREEK

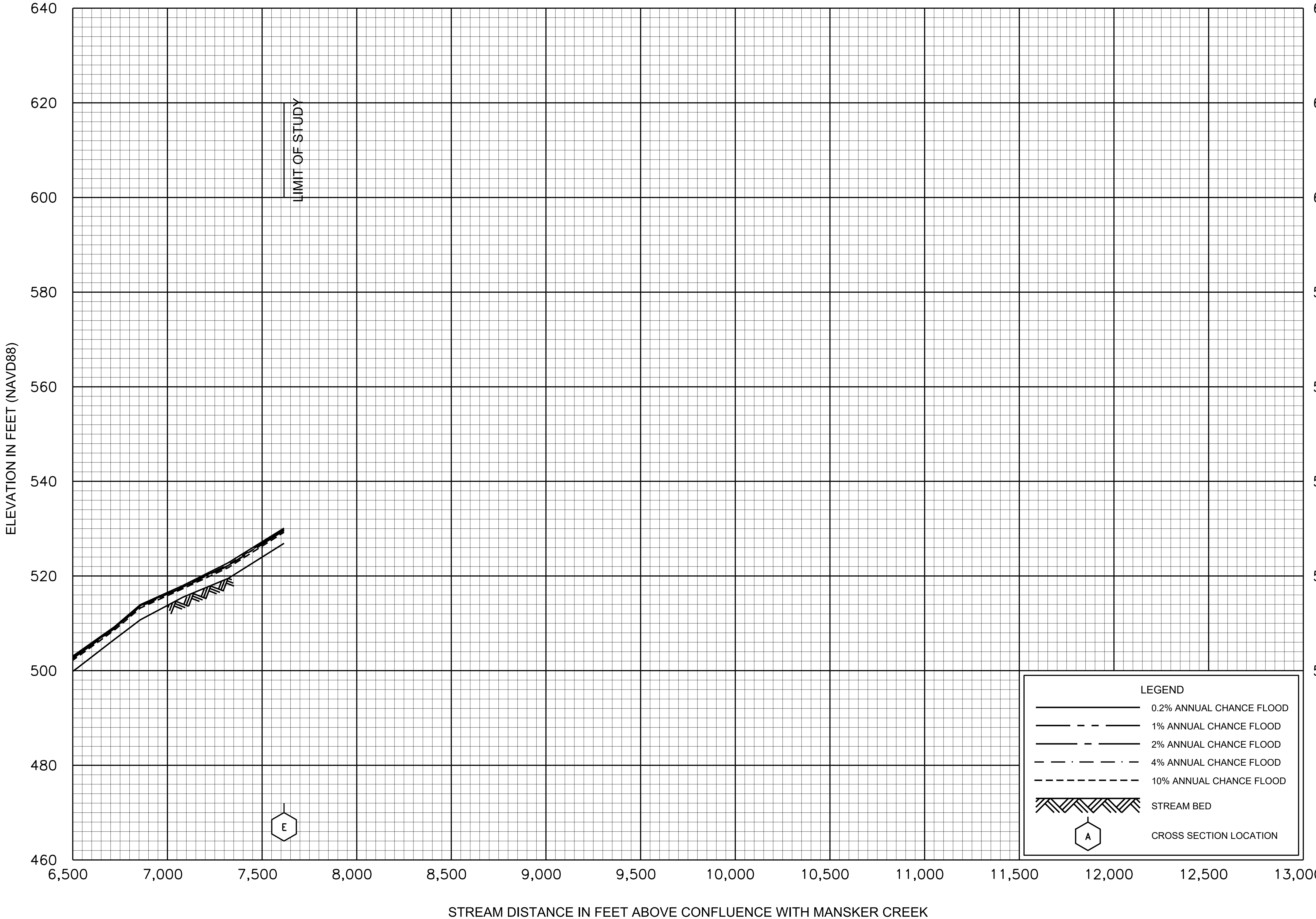
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

MANSKER CREEK TRIBUTARY 1

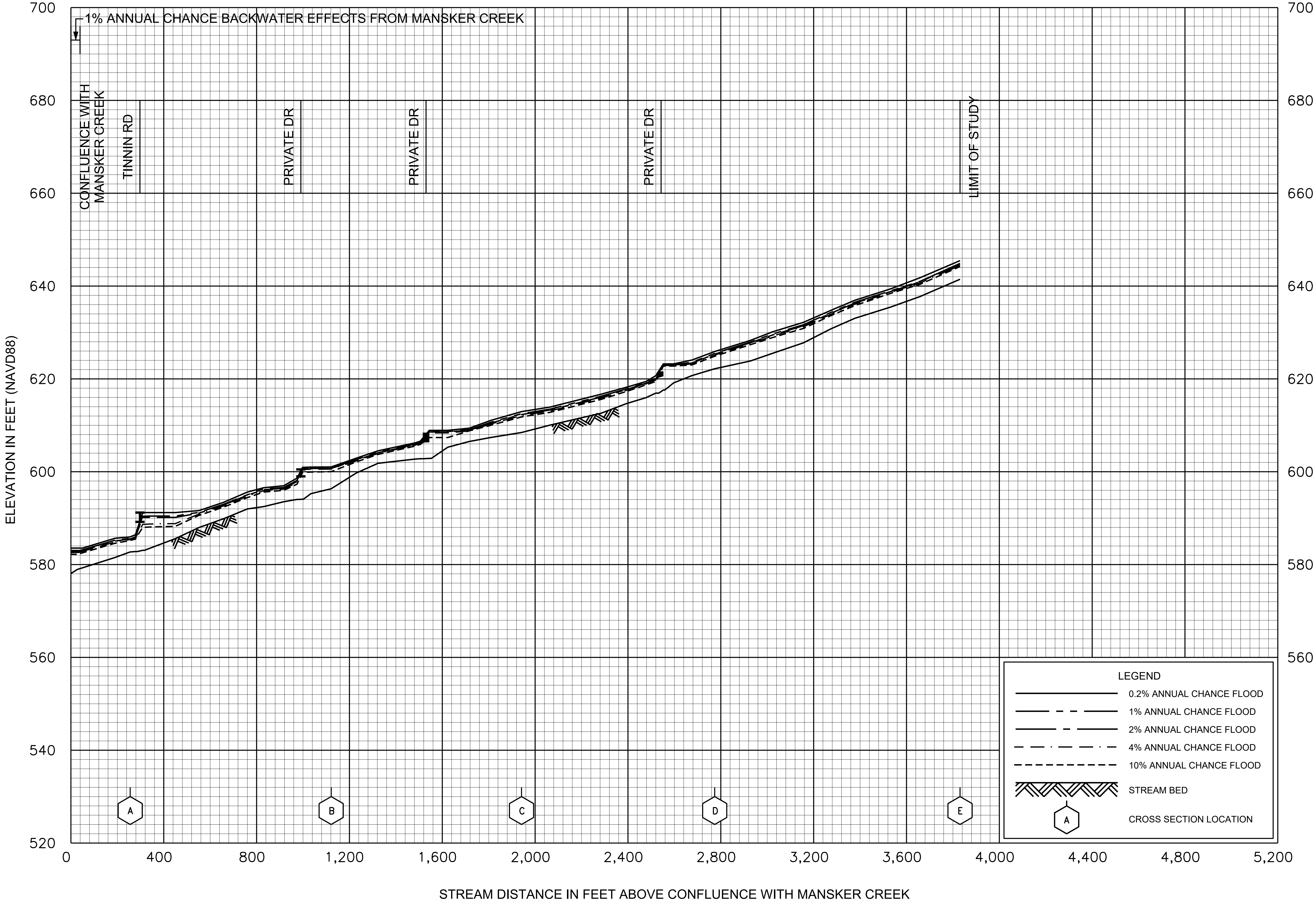
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

MANSKER CREEK TRIBUTARY 1

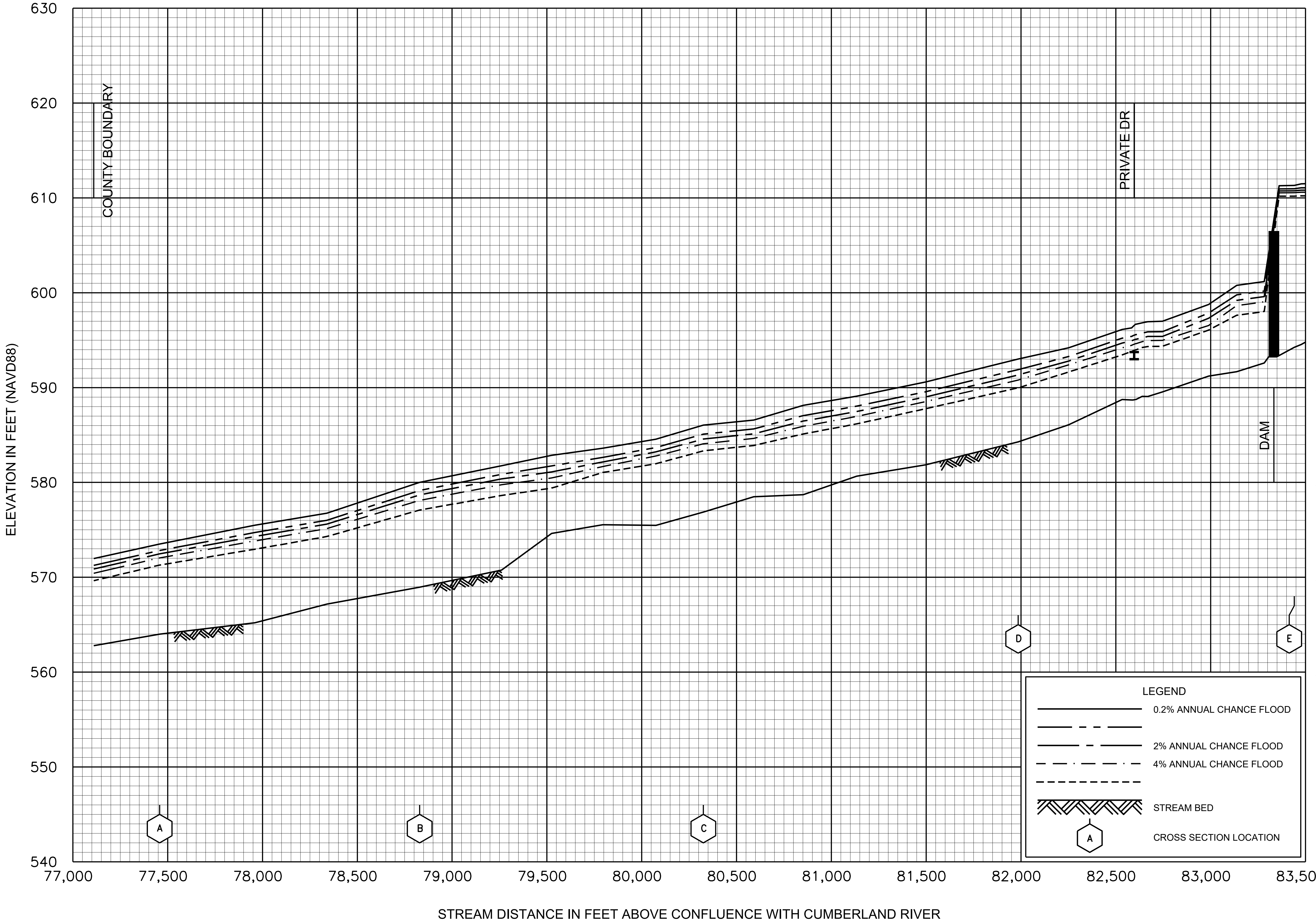
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

MANSKER CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

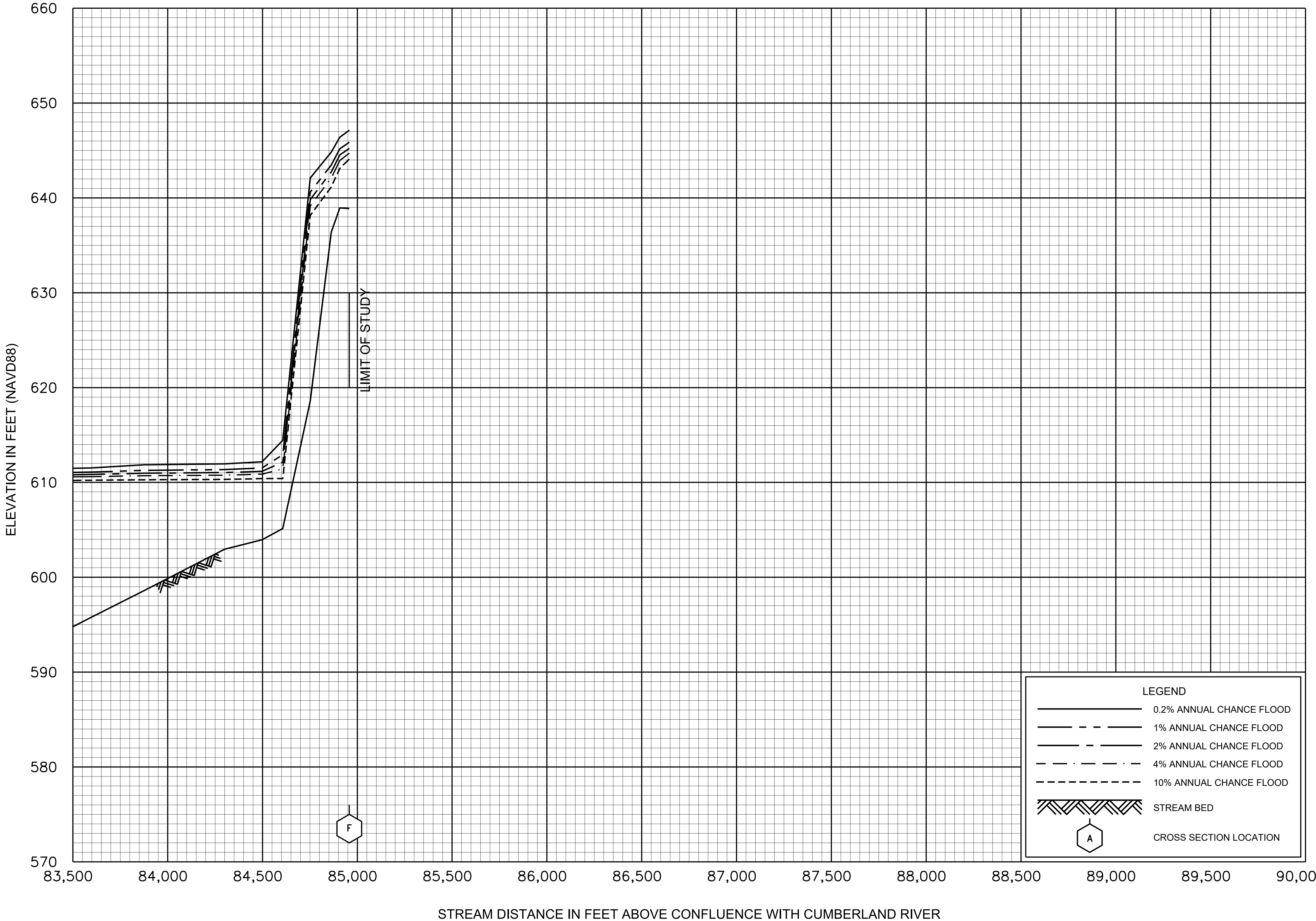


FLOOD PROFILES

MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

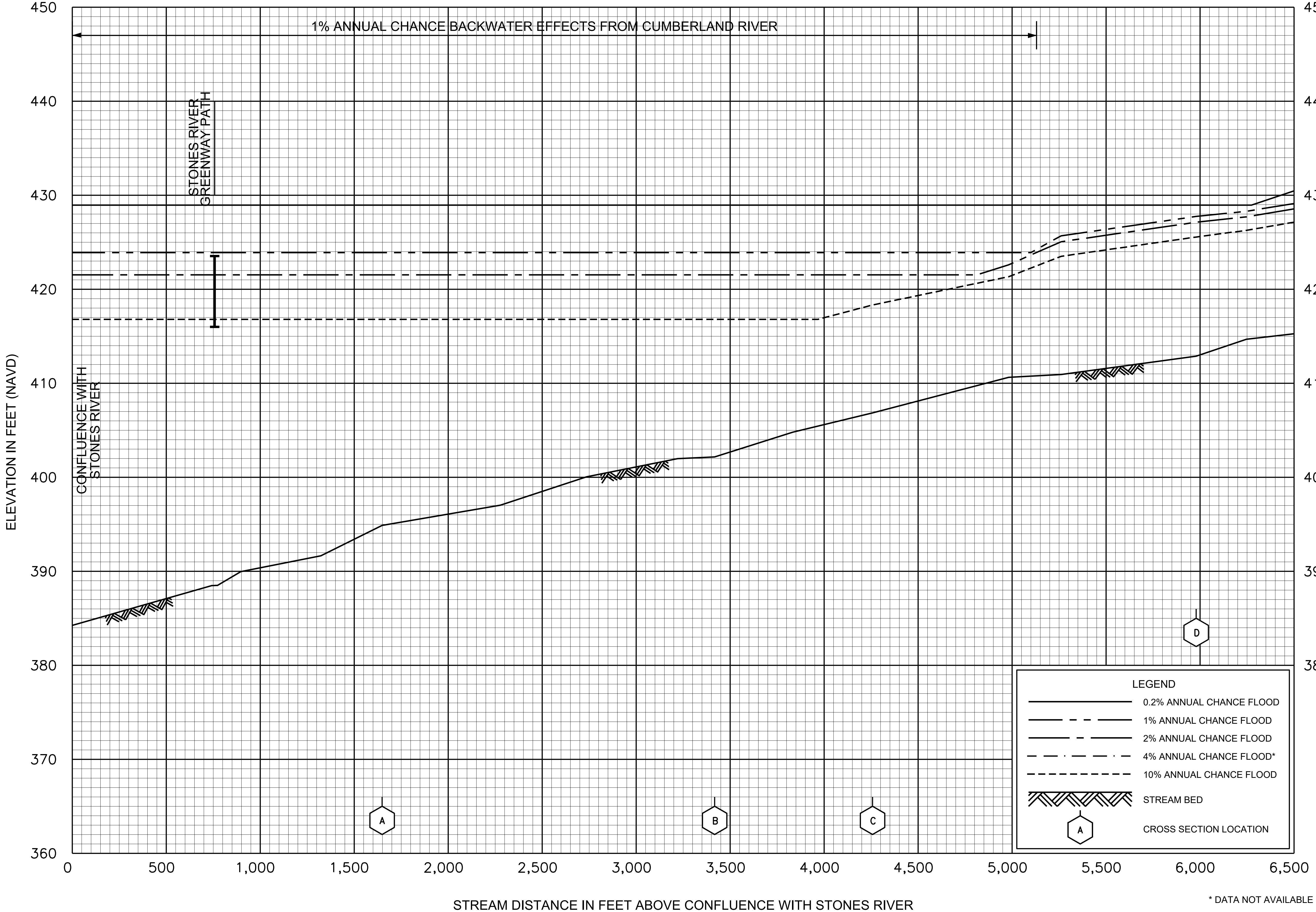
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

MARROWBONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



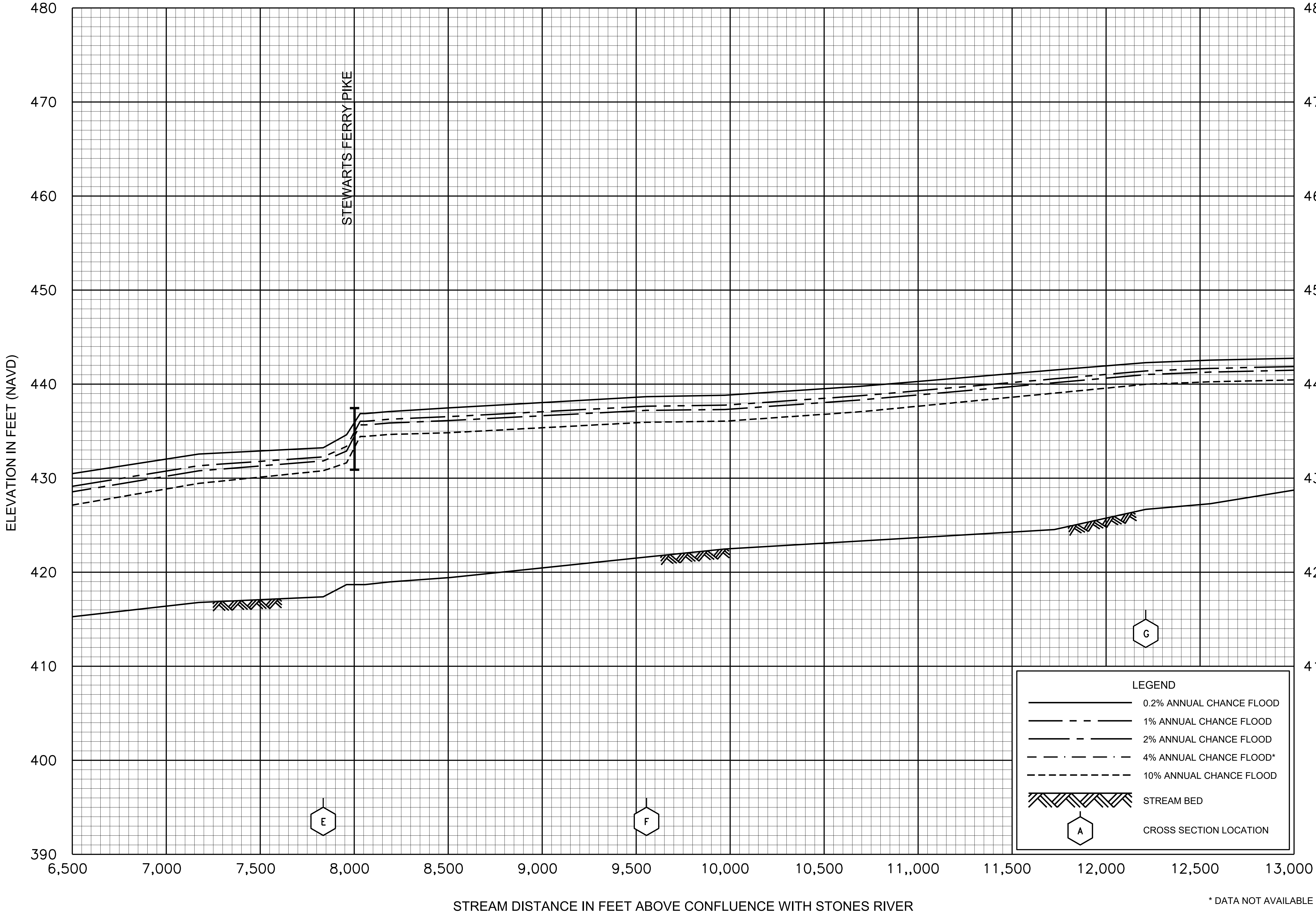
* DATA NOT AVAILABLE

FLOOD PROFILES

McCRORY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

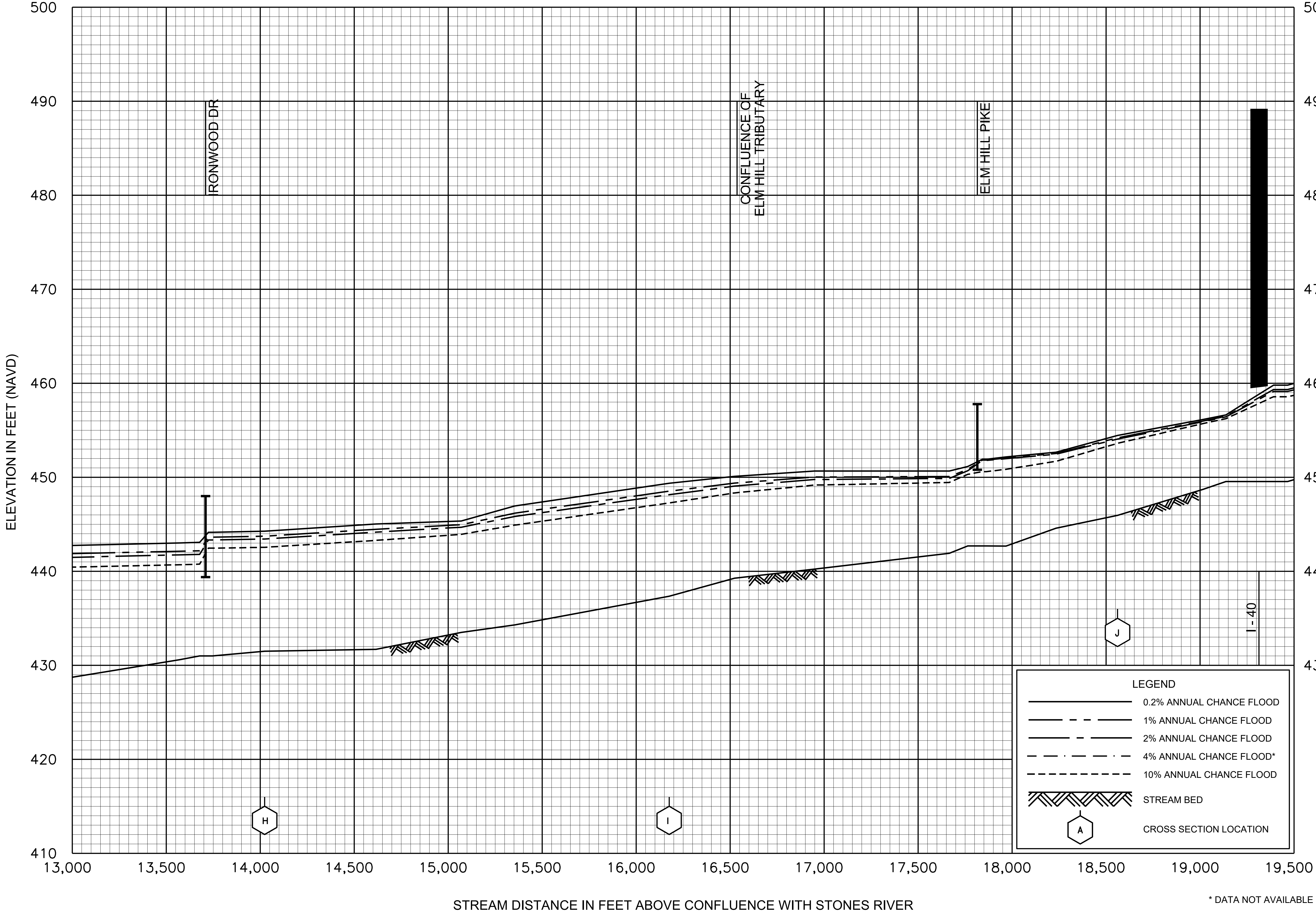


* DATA NOT AVAILABLE

FLOOD PROFILES

McCRORY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



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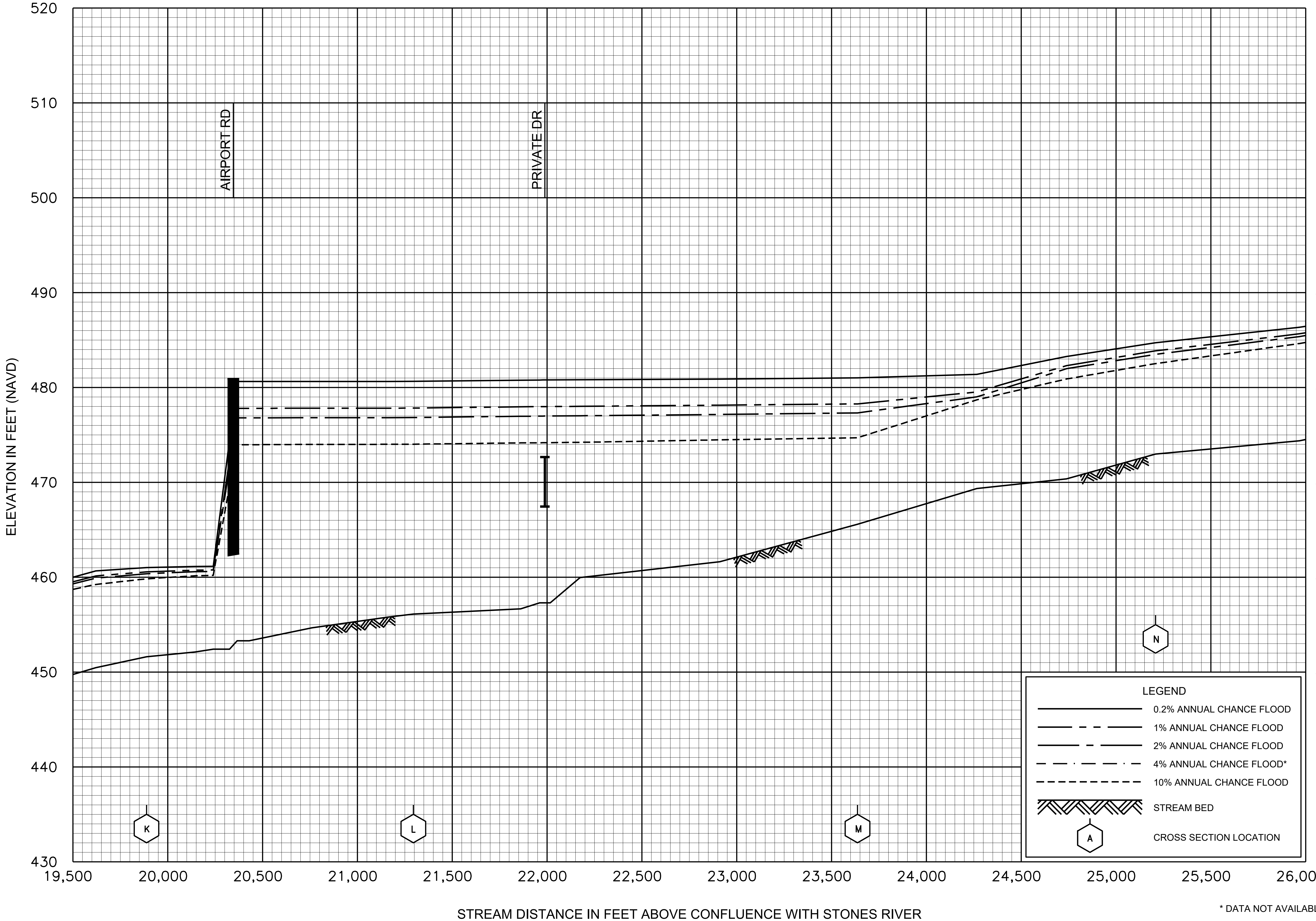
FLOOD PROFILES

McCRORY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

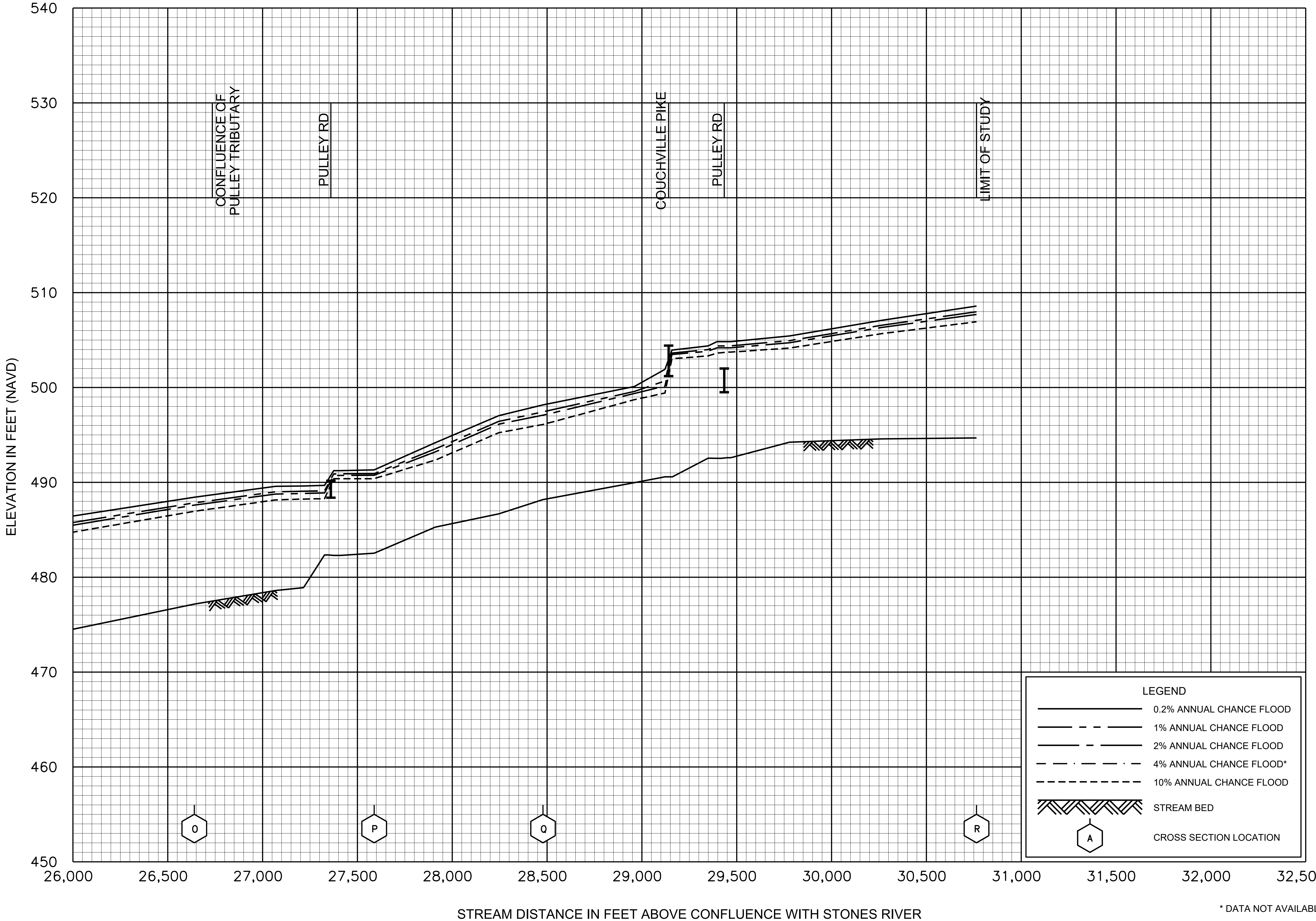


FLOOD PROFILES

McCRORY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

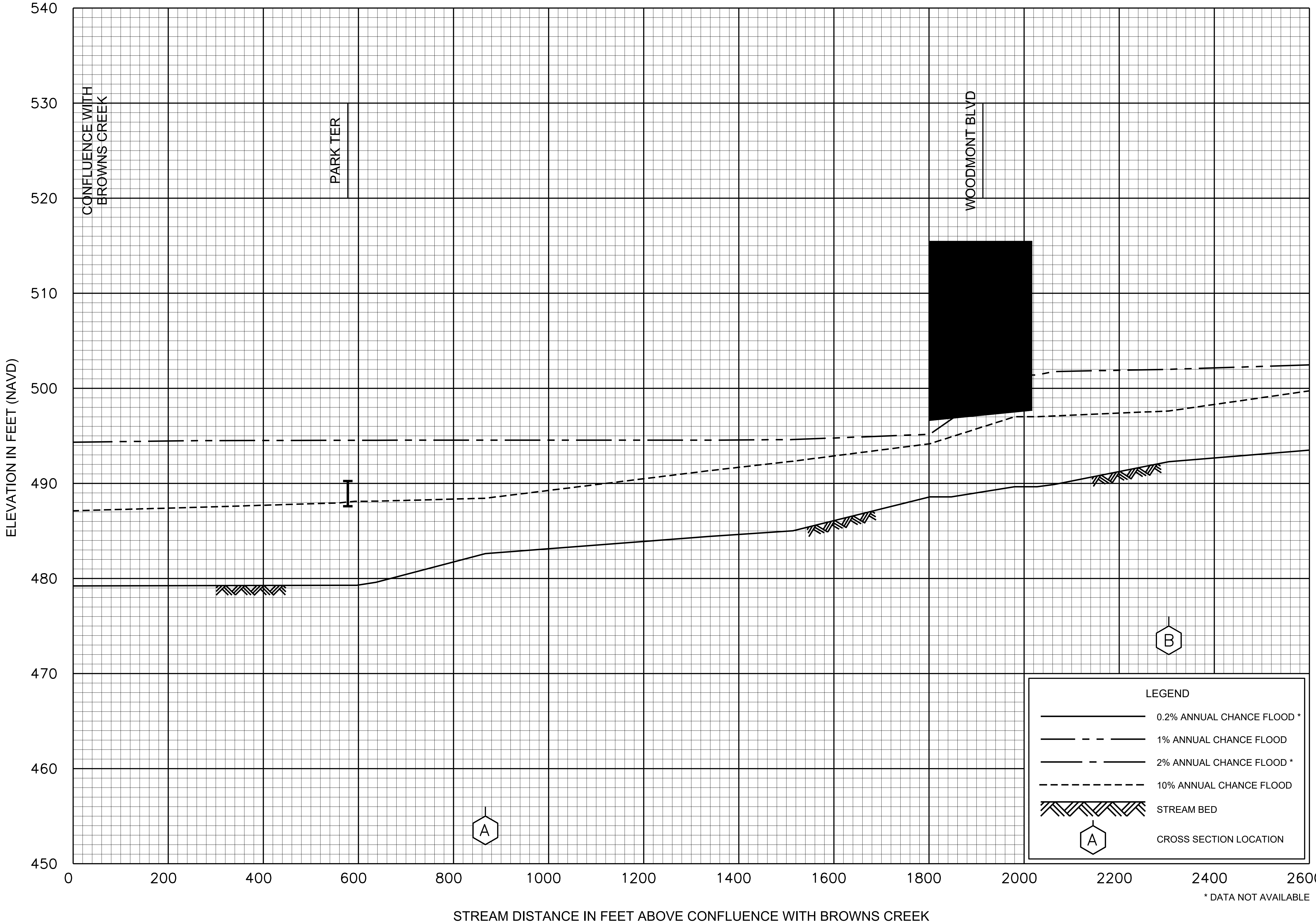


* DATA NOT AVAILABLE

FLOOD PROFILES

McCRORY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

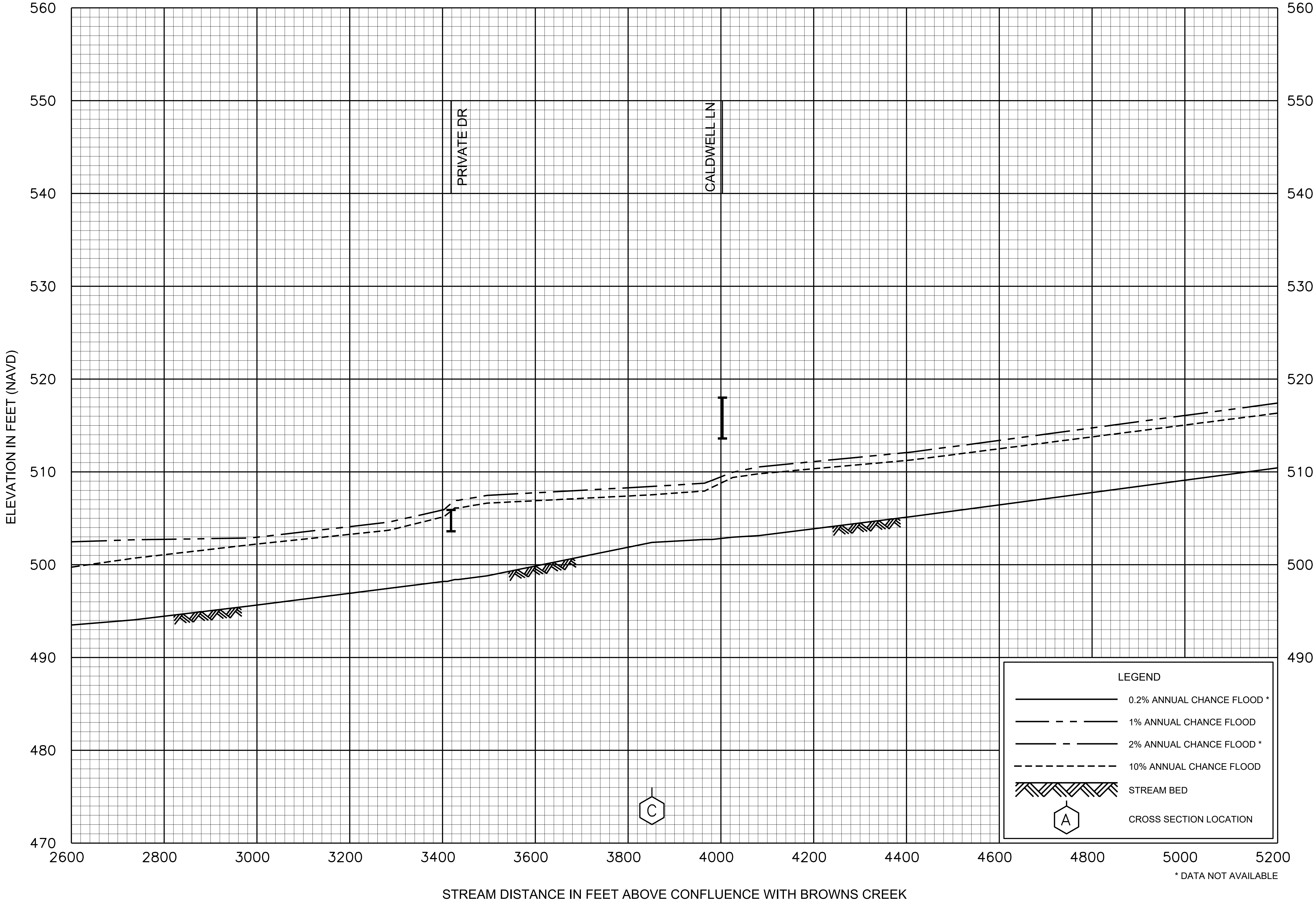


FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

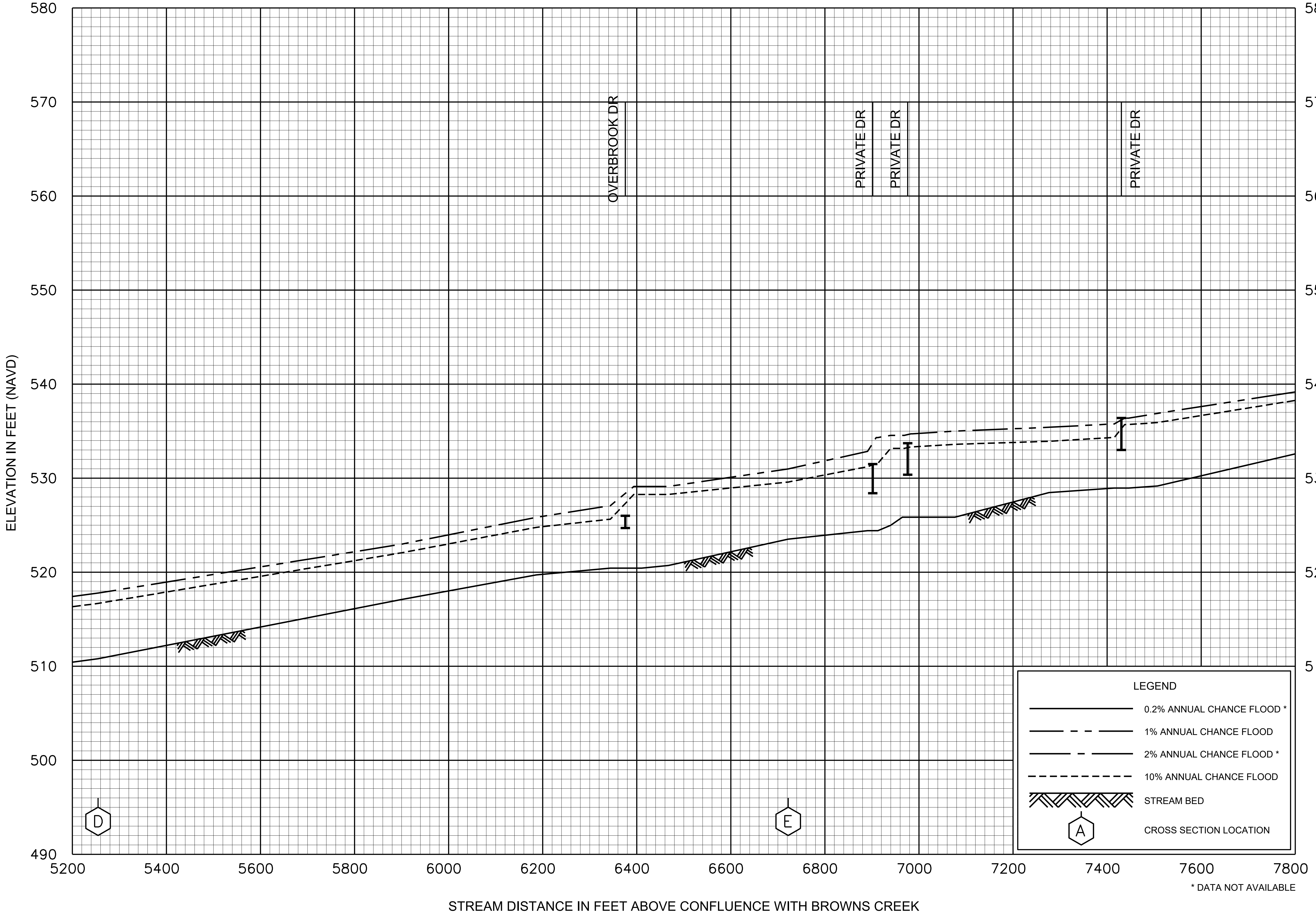


* DATA NOT AVAILABLE

FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

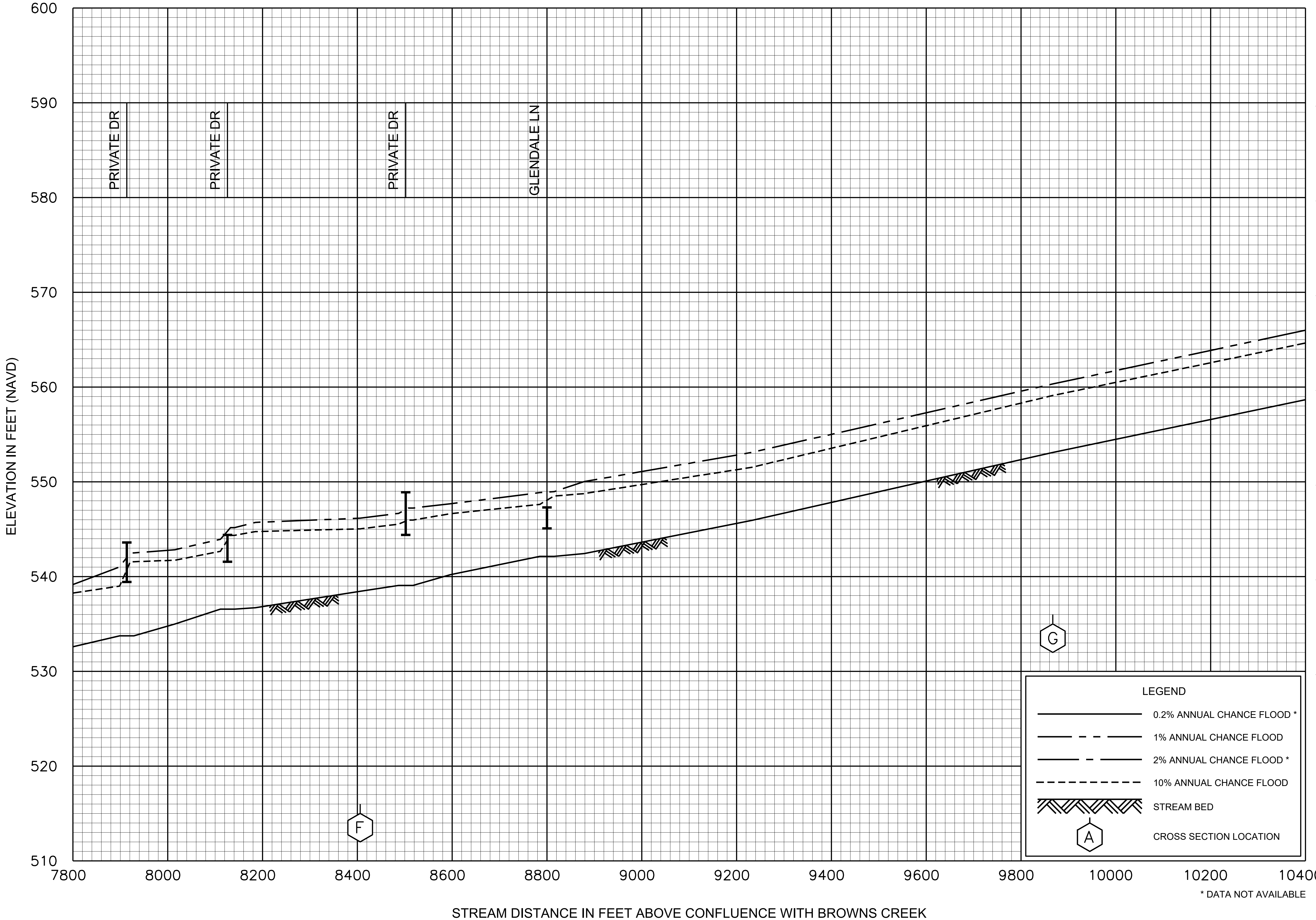


FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

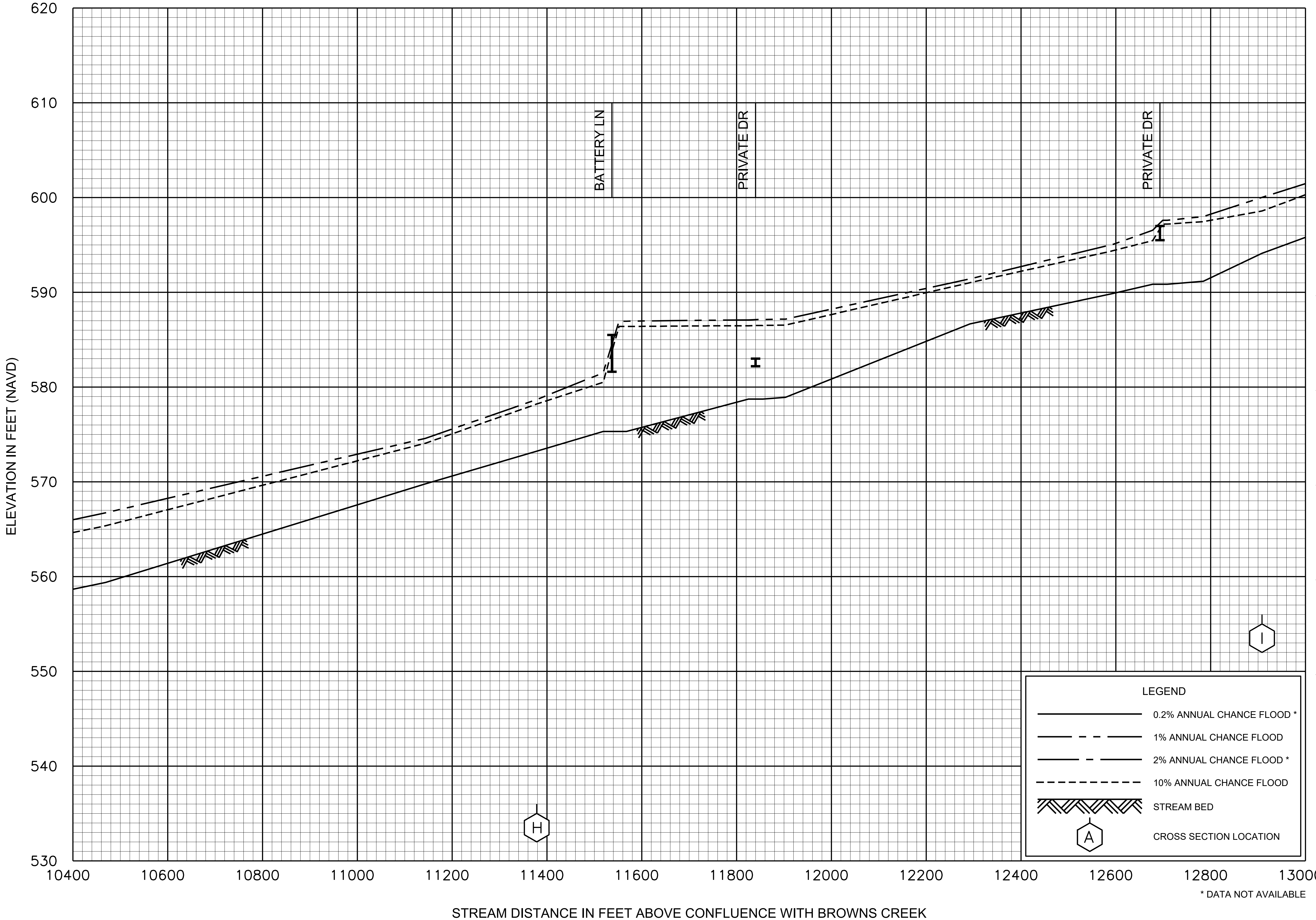


FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

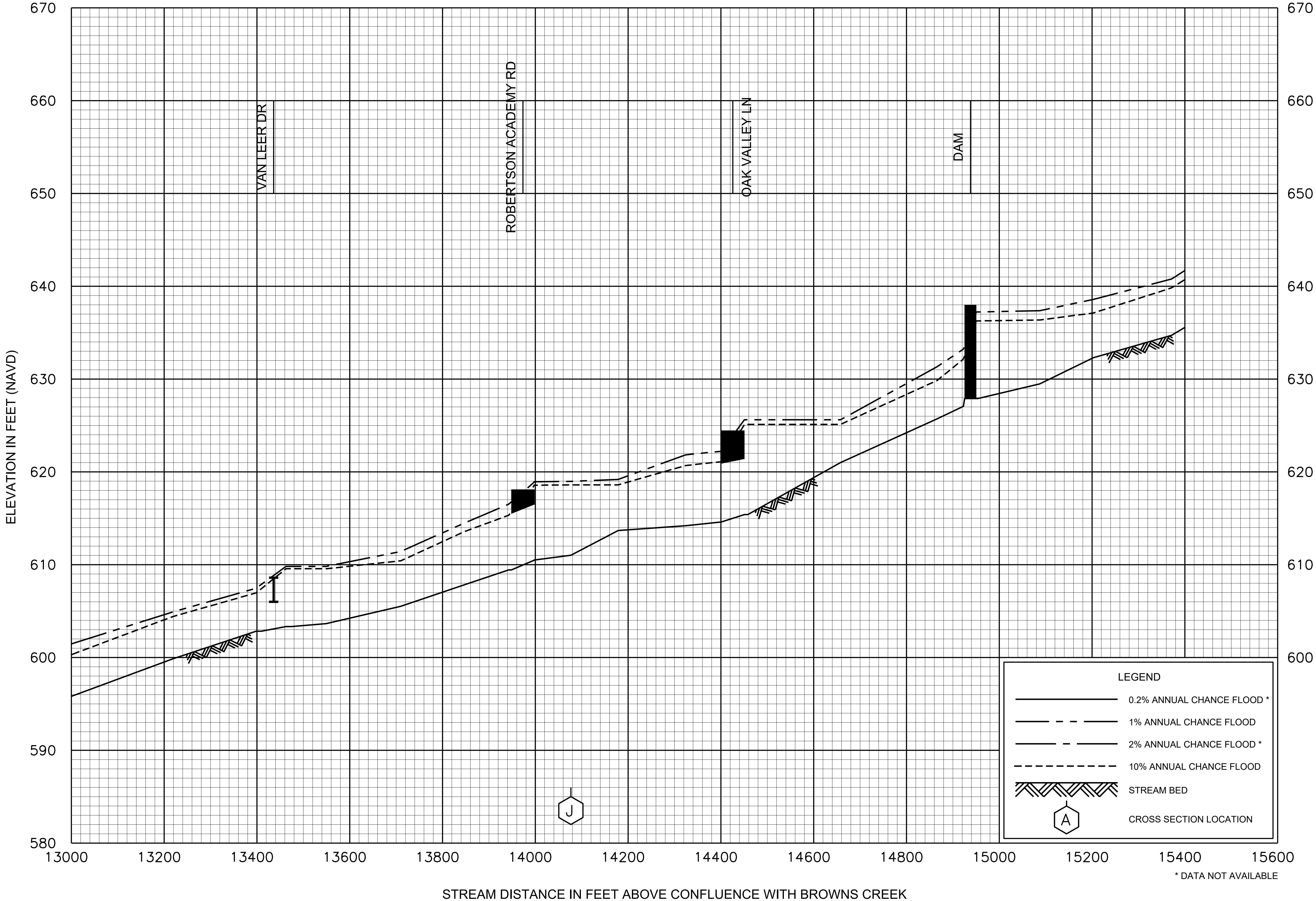


FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



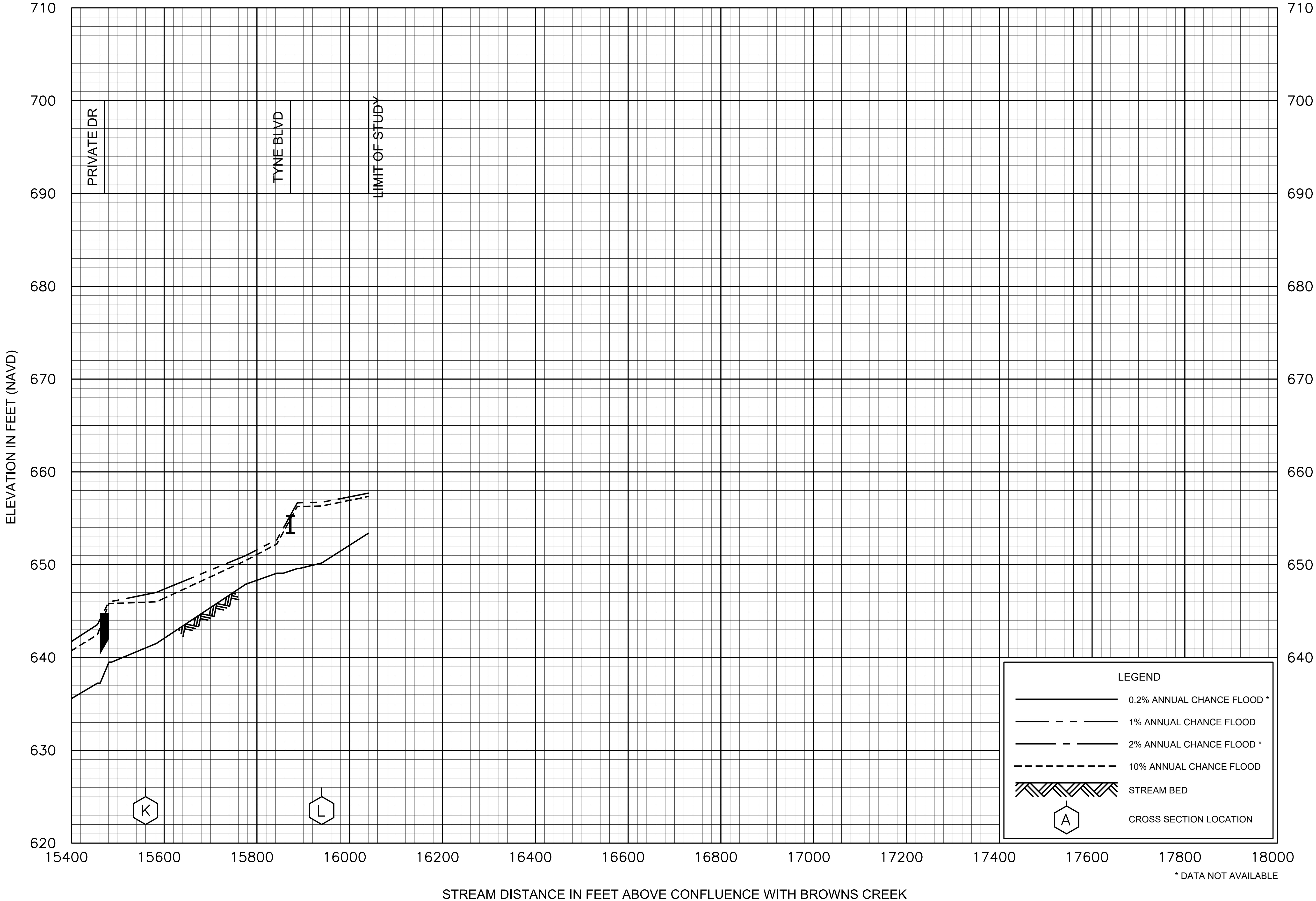
FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

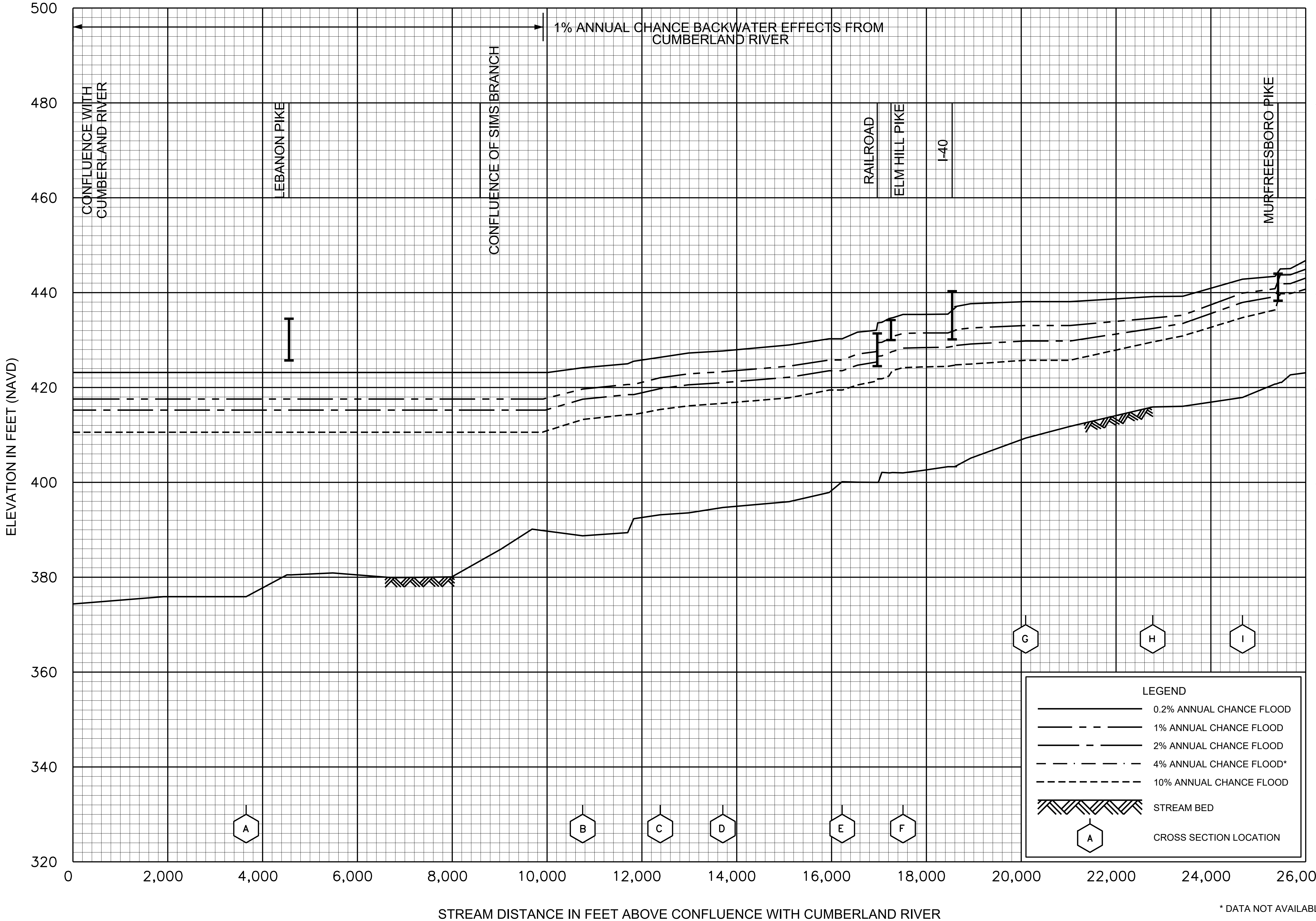
224P



FLOOD PROFILES

MIDDLE FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

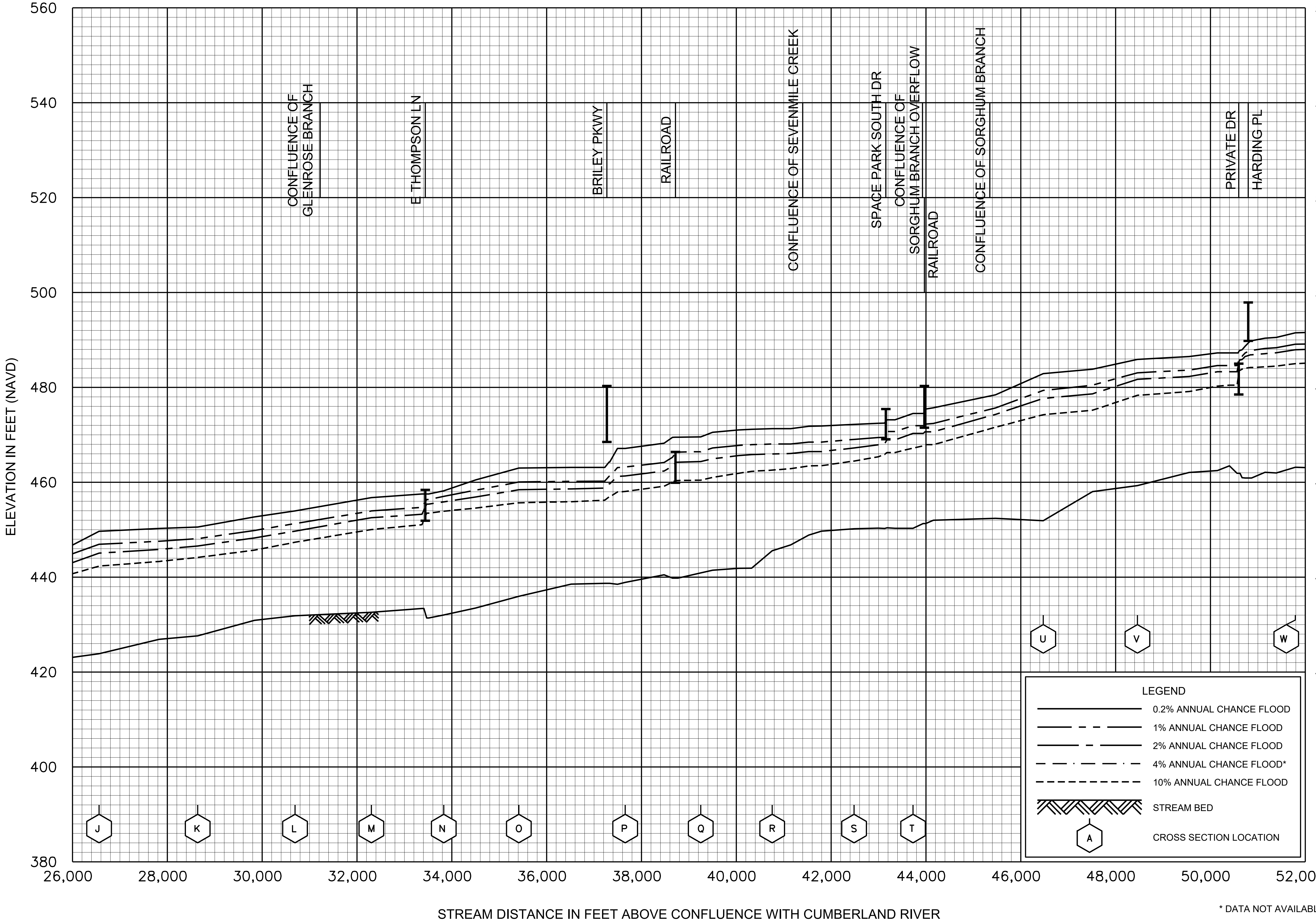


FLOOD PROFILES

MILL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

226P



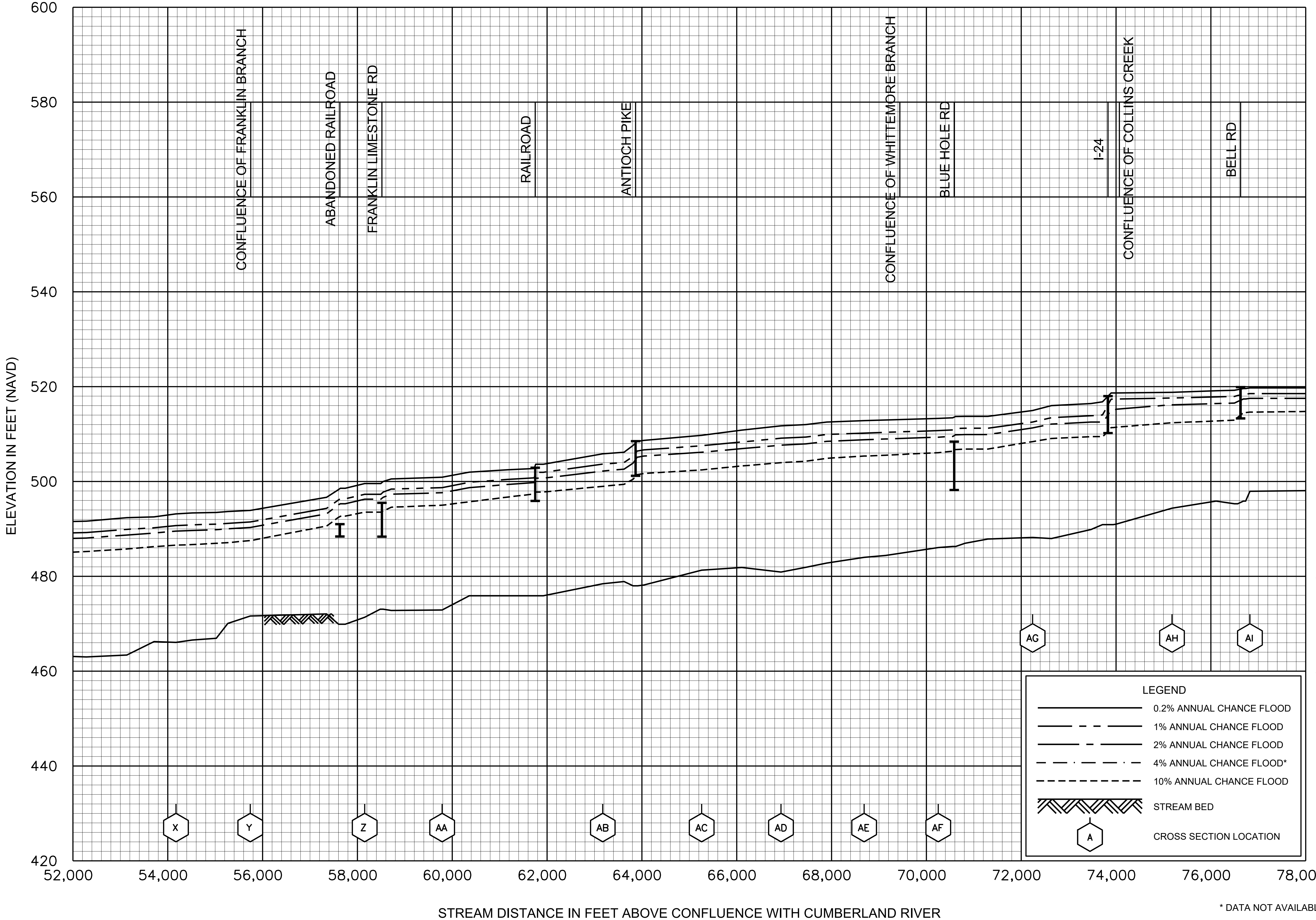
* DATA NOT AVAILABLE

FLOOD PROFILES

MILL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

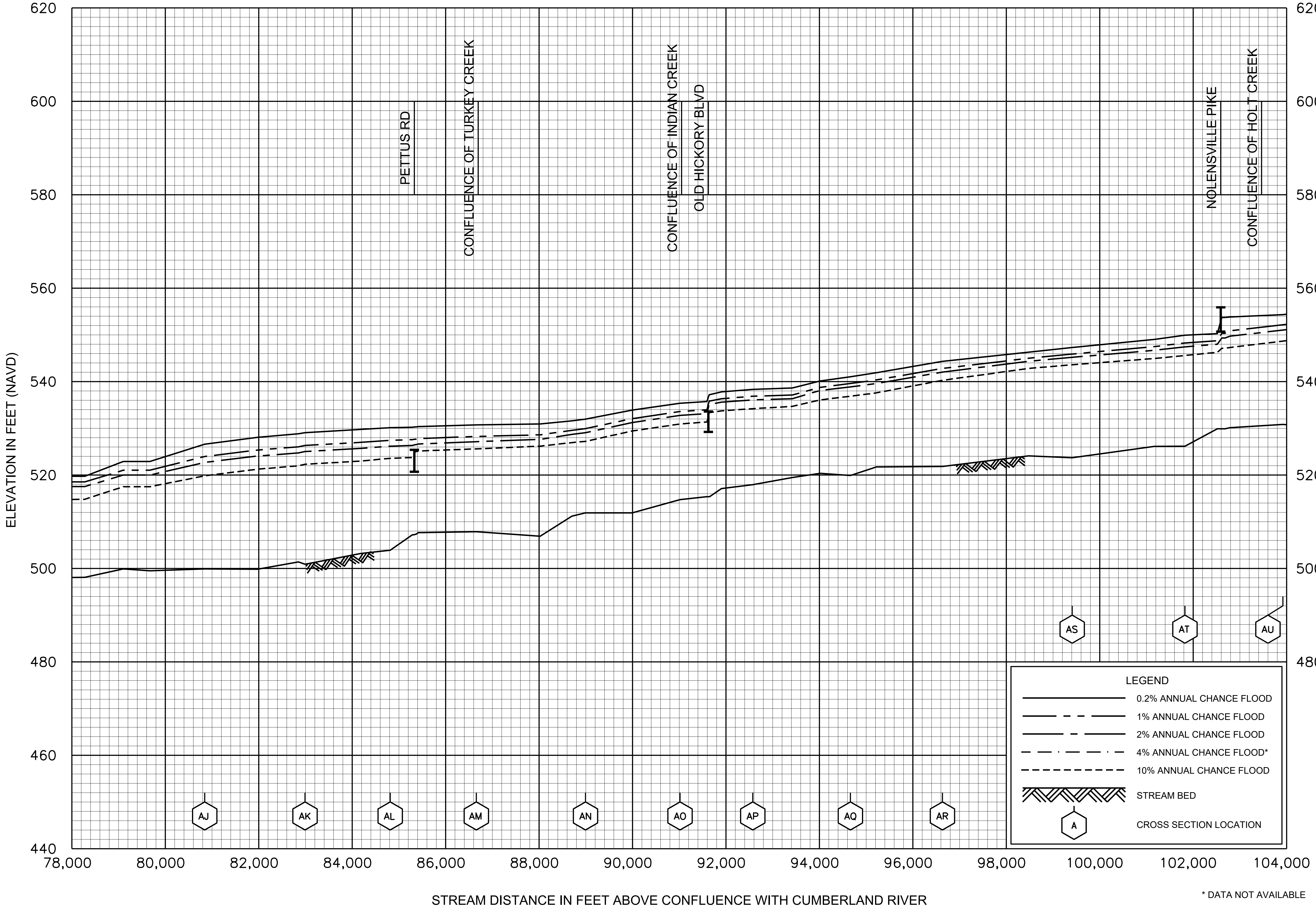


FLOOD PROFILES

MILL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

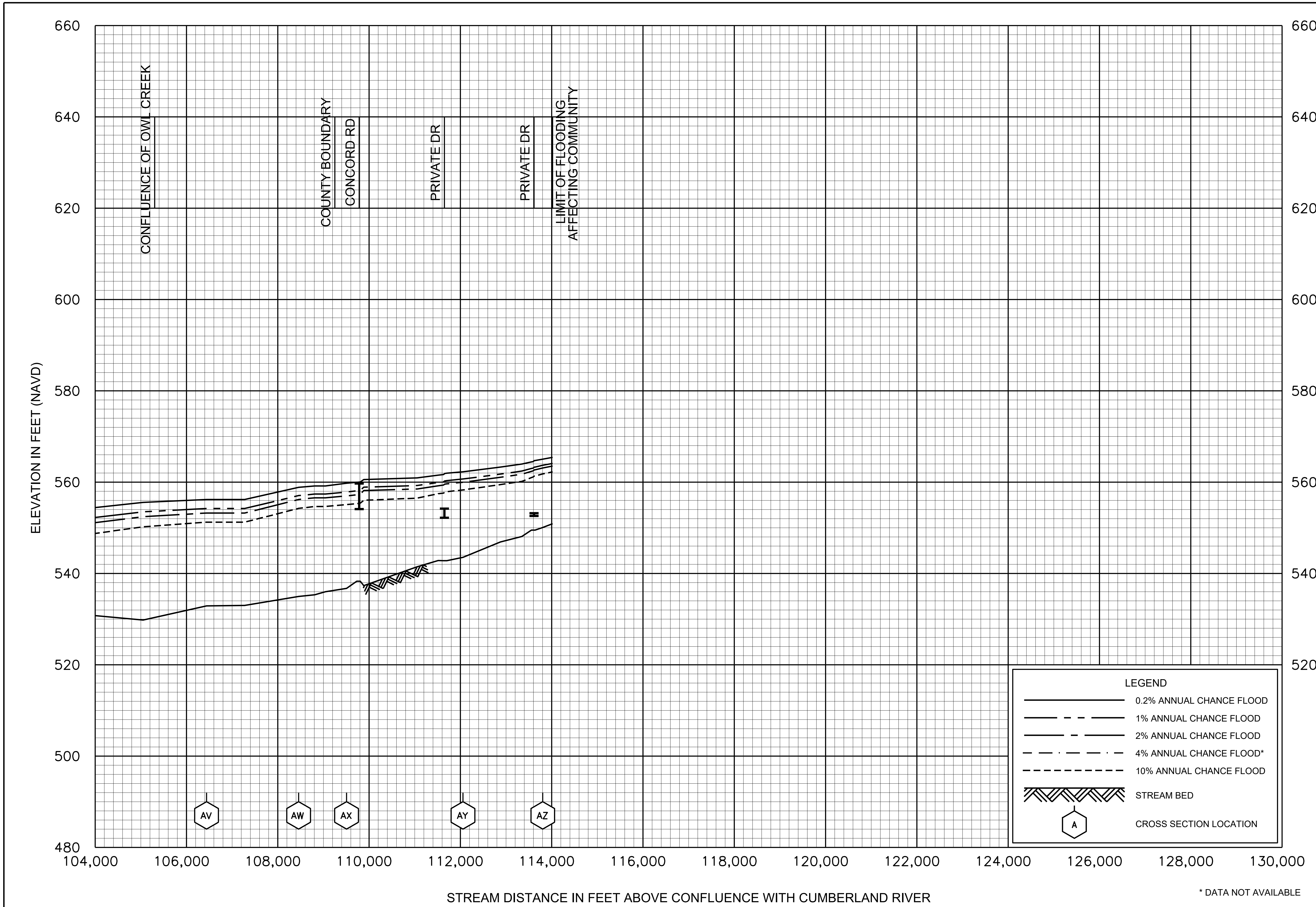


* DATA NOT AVAILABLE

FLOOD PROFILES

MILL CREEK

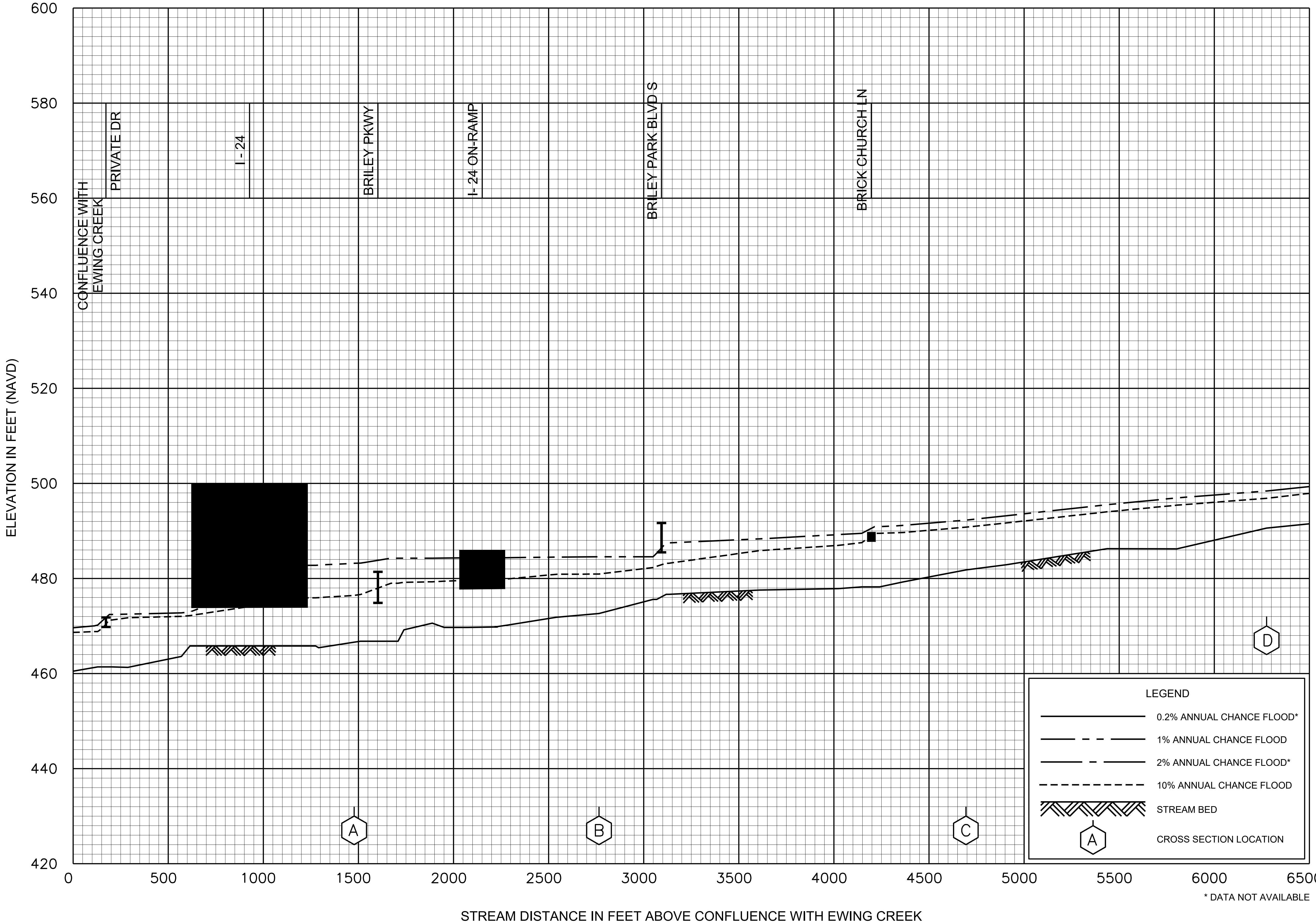
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

MILL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

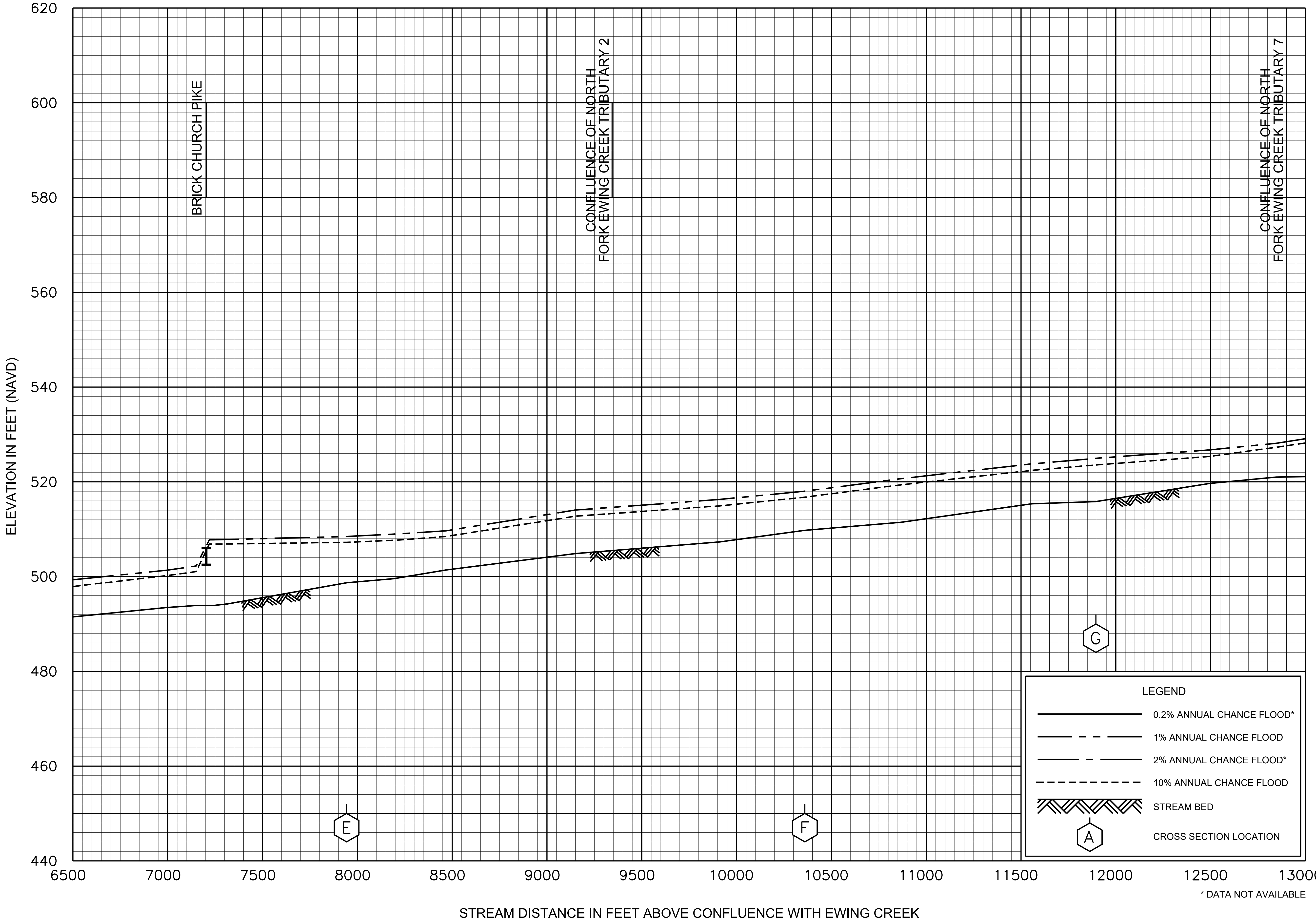


FLOOD PROFILES

NORTH FORK EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

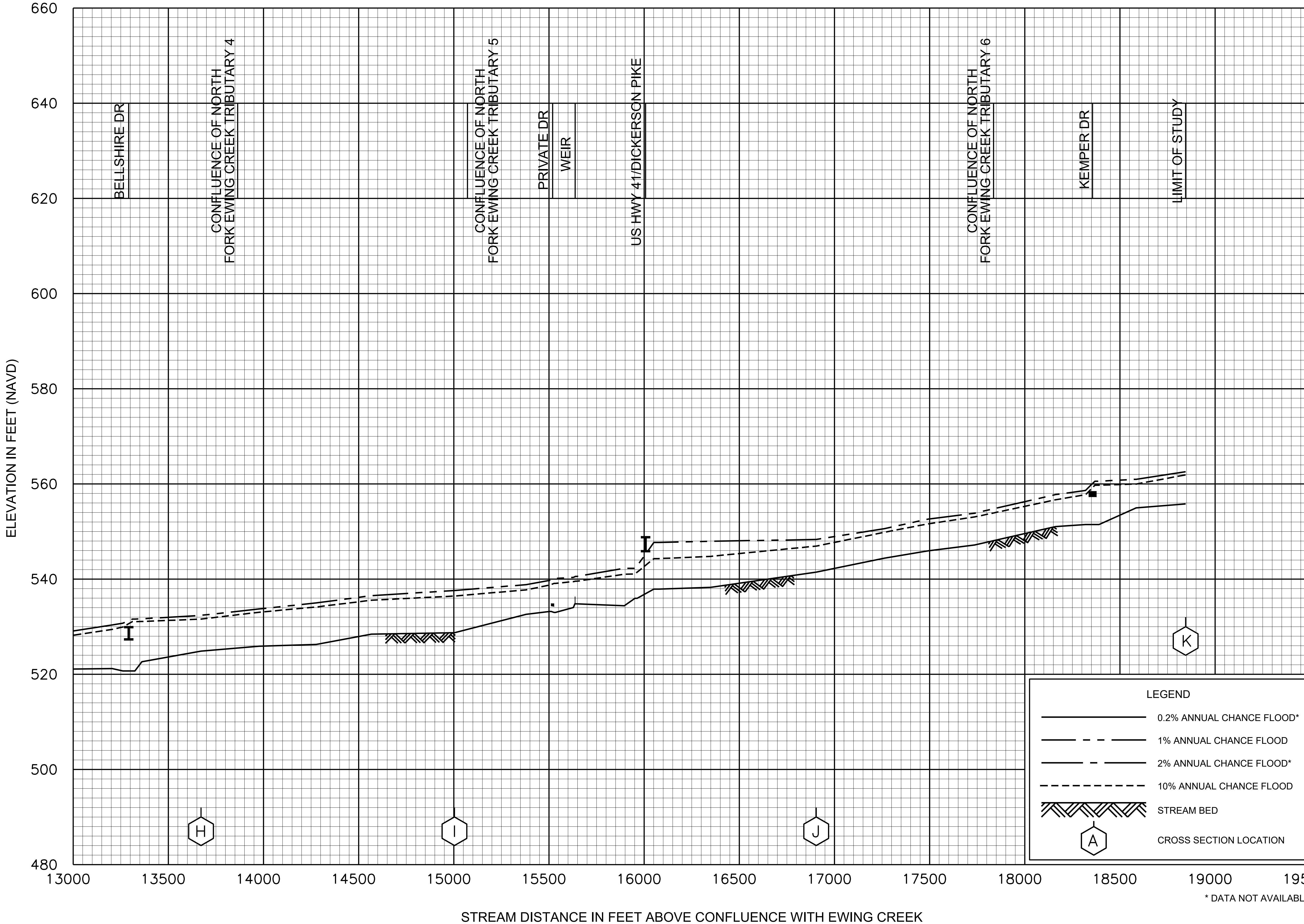


FLOOD PROFILES

NORTH FORK EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

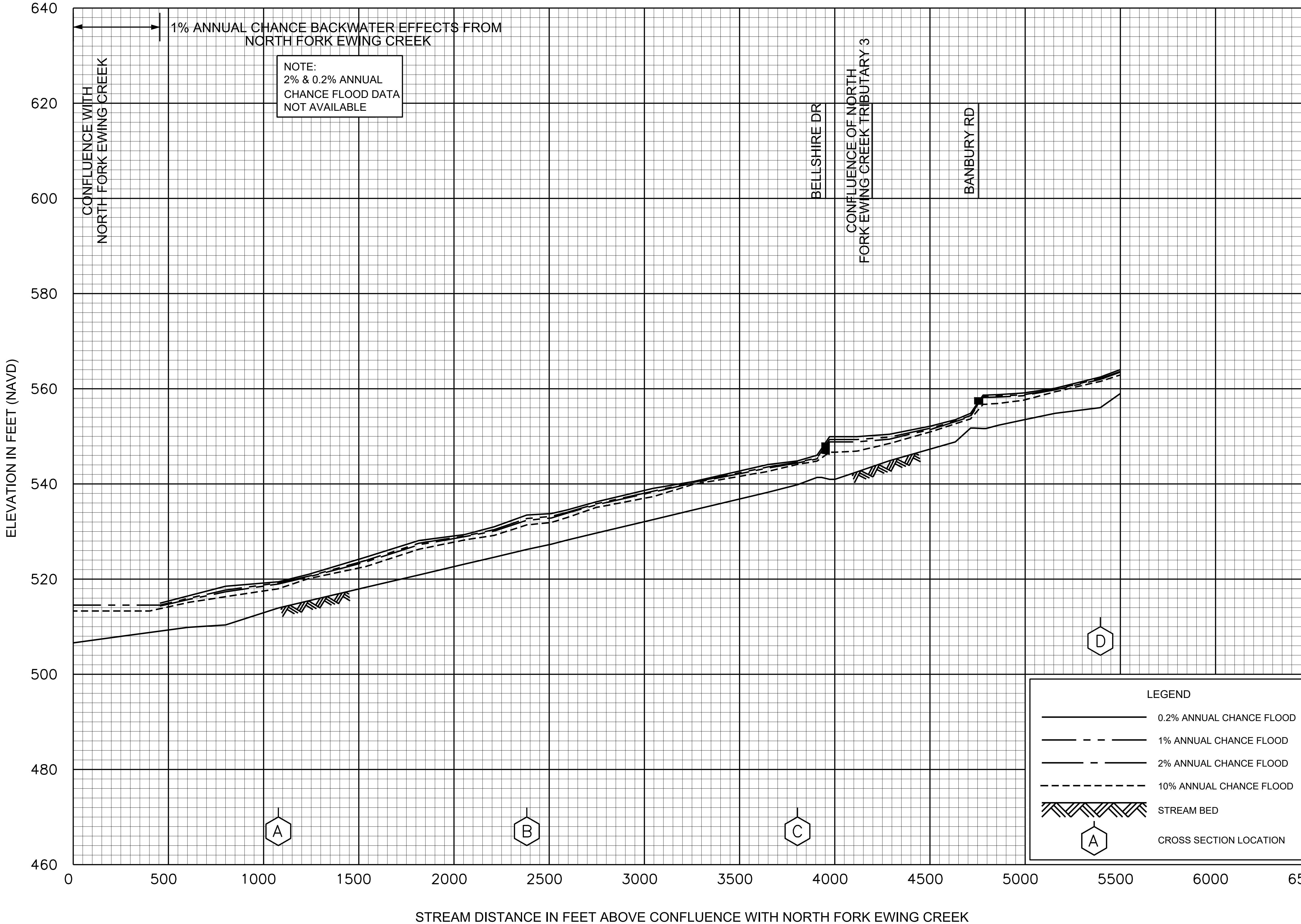


FLOOD PROFILES

NORTH FORK EWING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

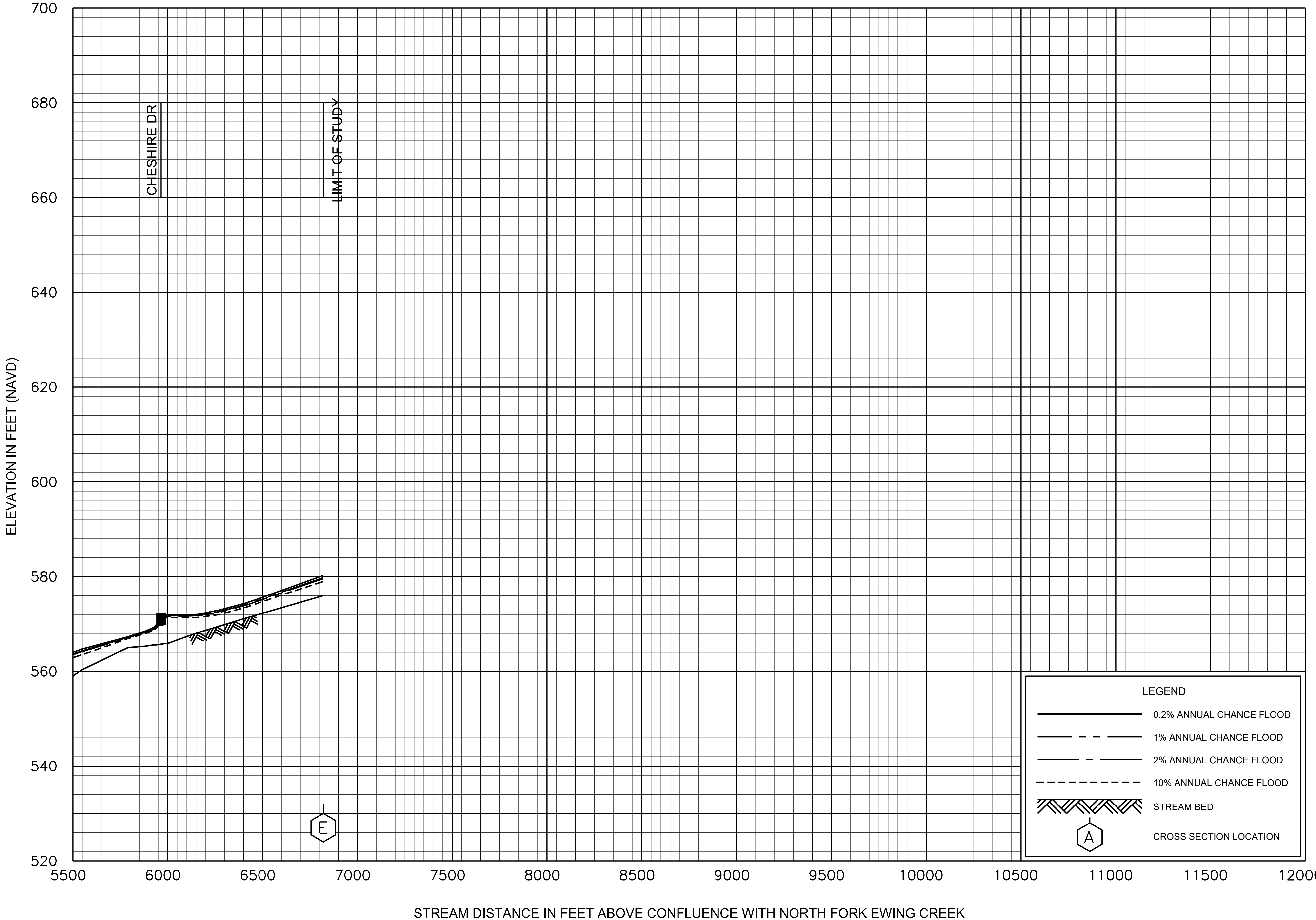
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

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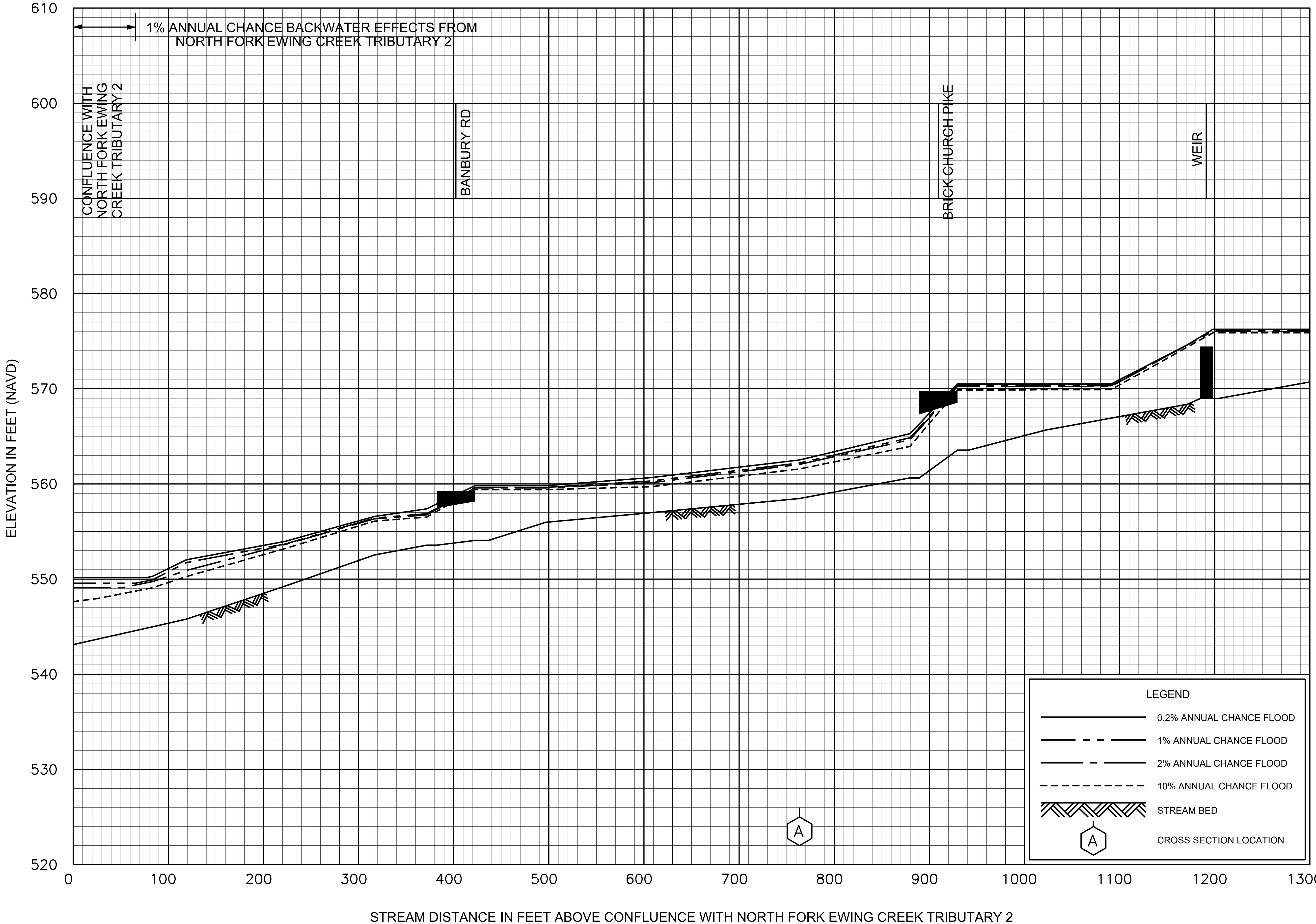

FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 3

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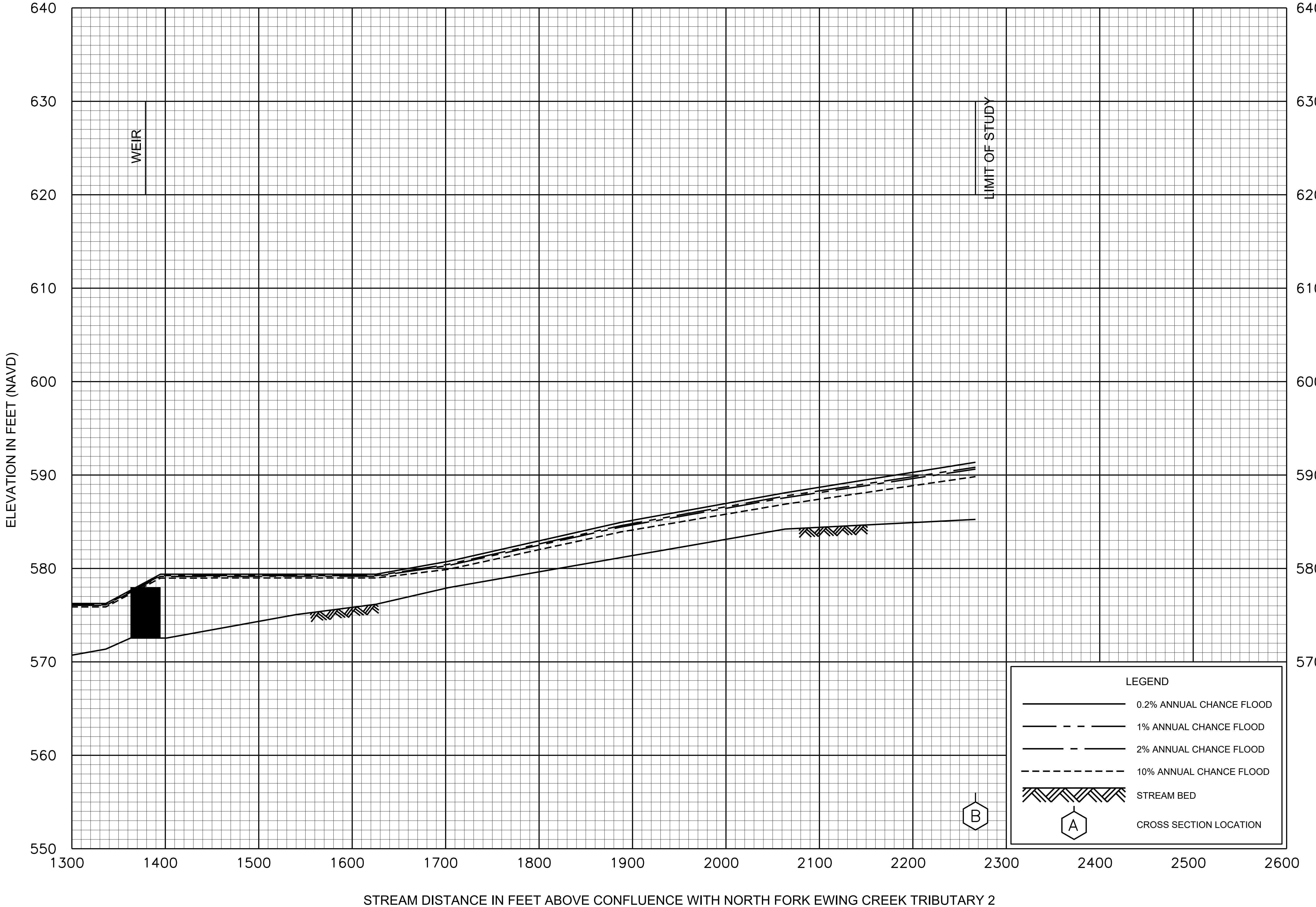
AND INCORPORATED AREAS



FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

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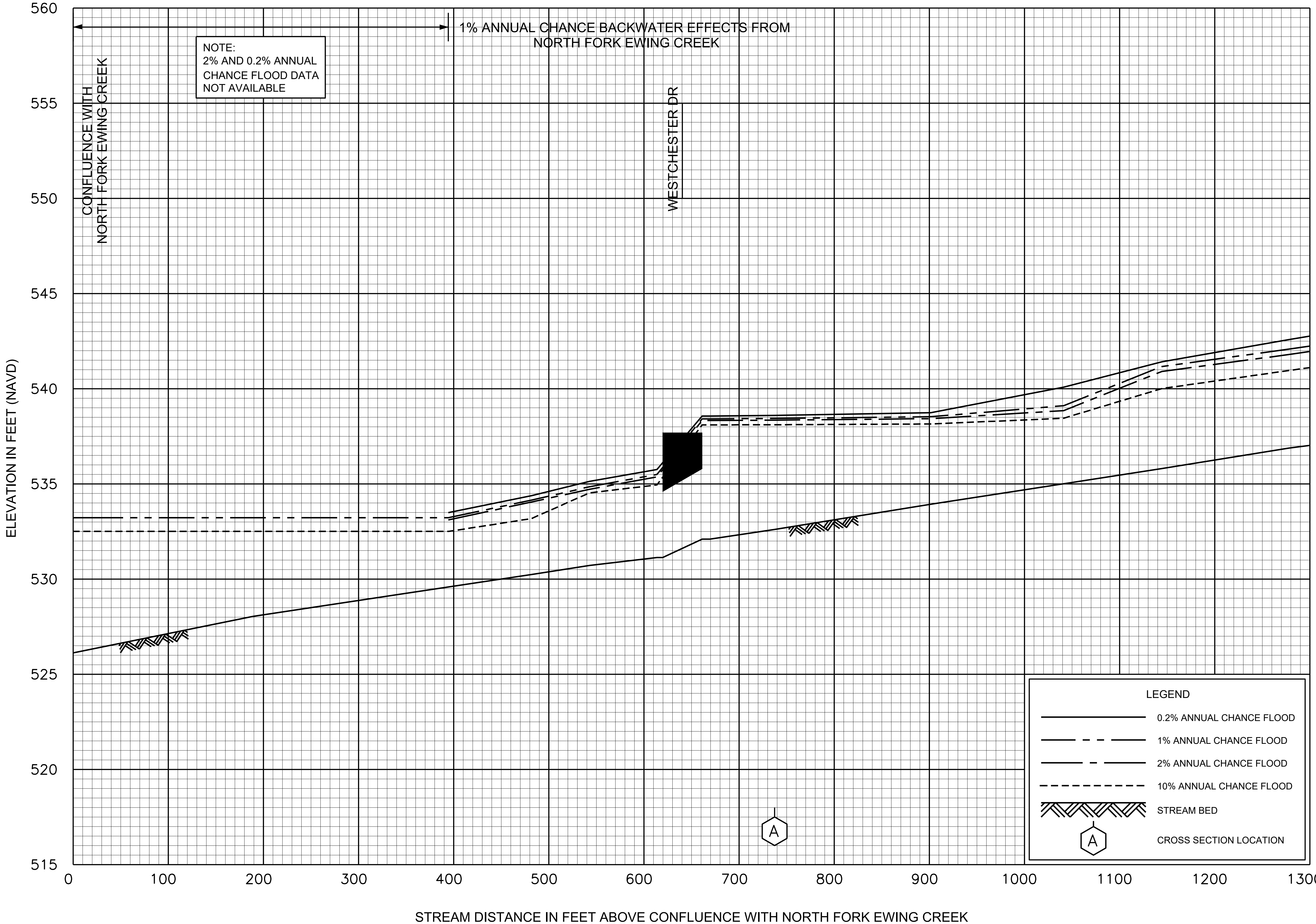

FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
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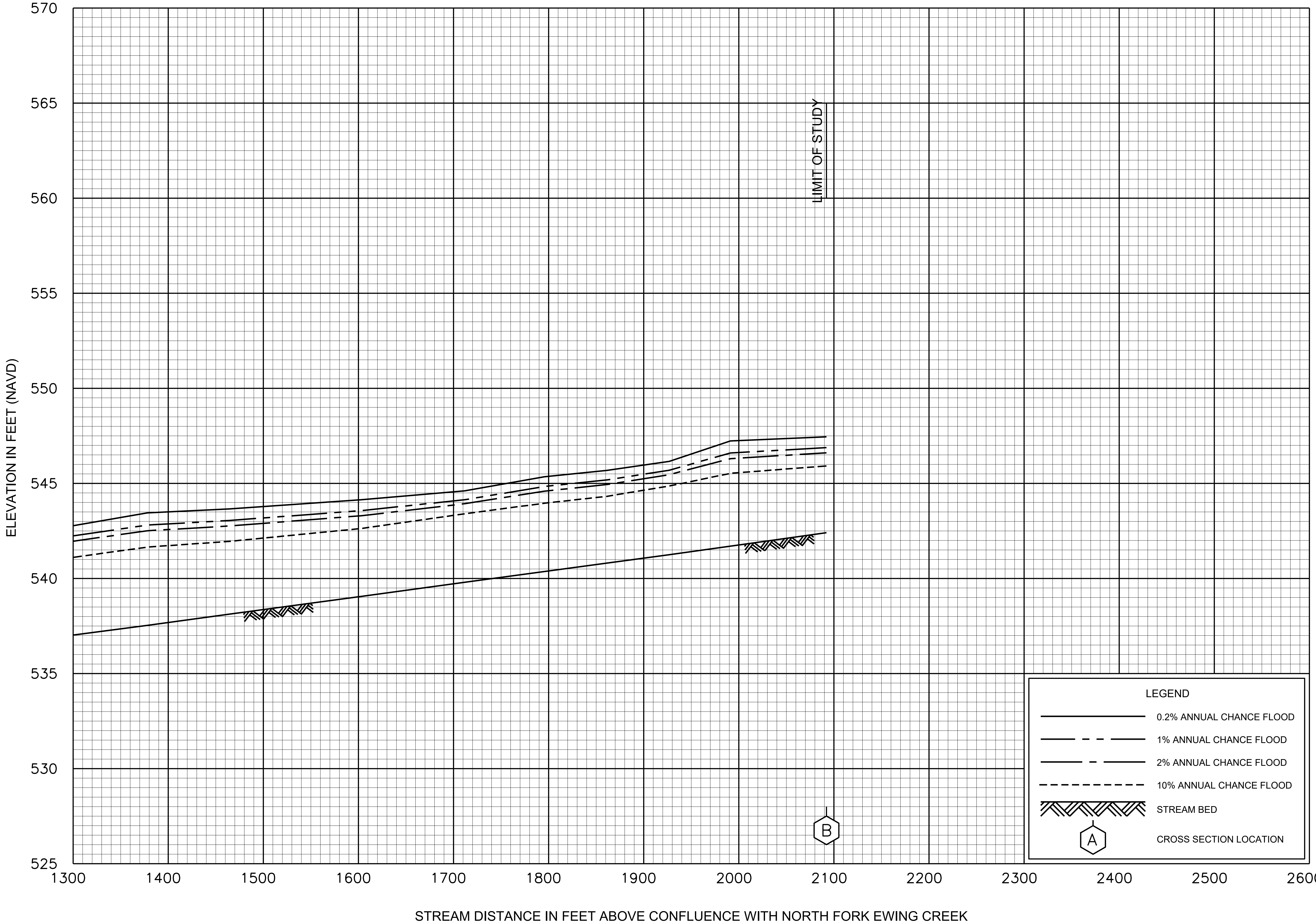
AND INCORPORATED AREAS



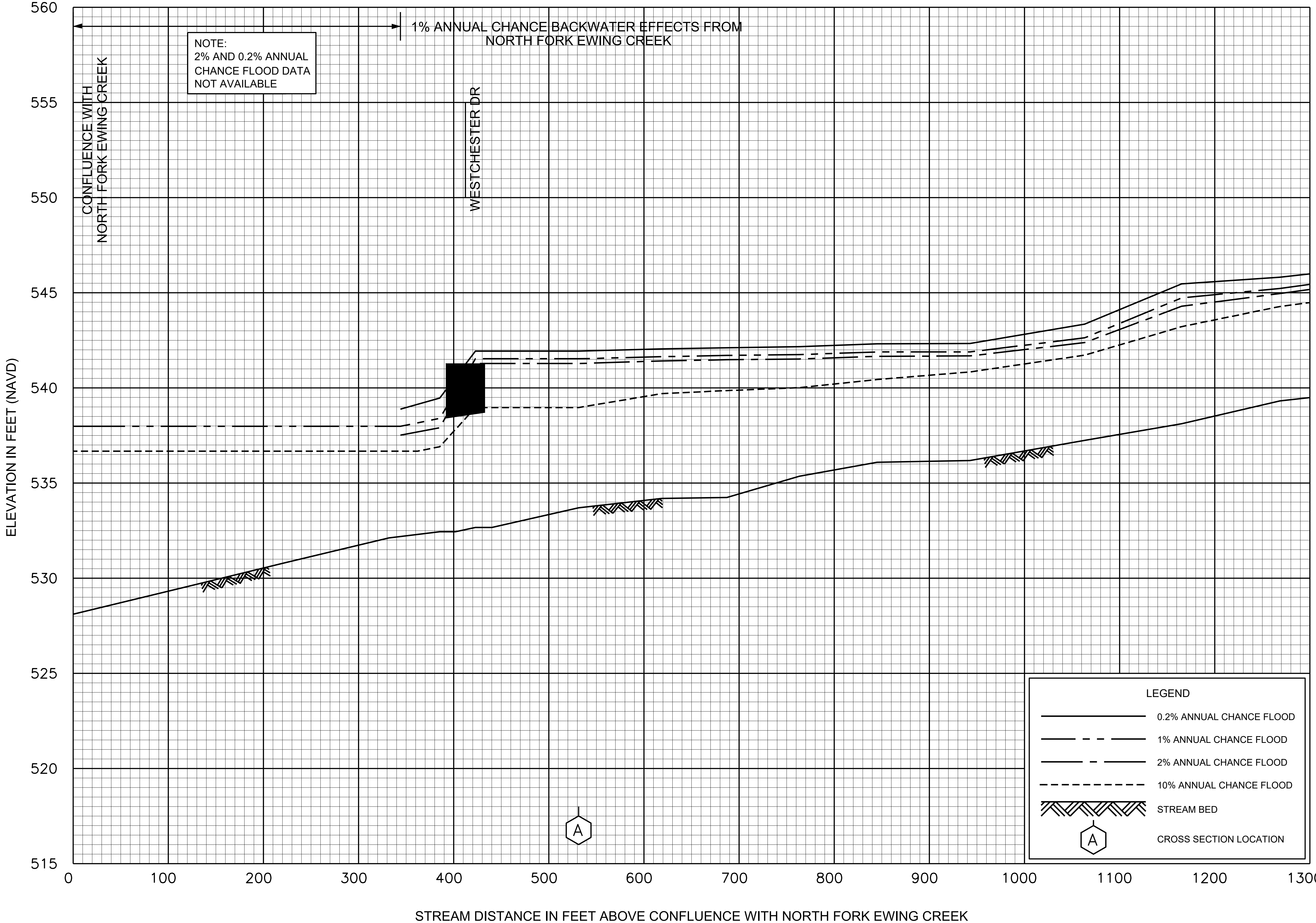
FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

239P



FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

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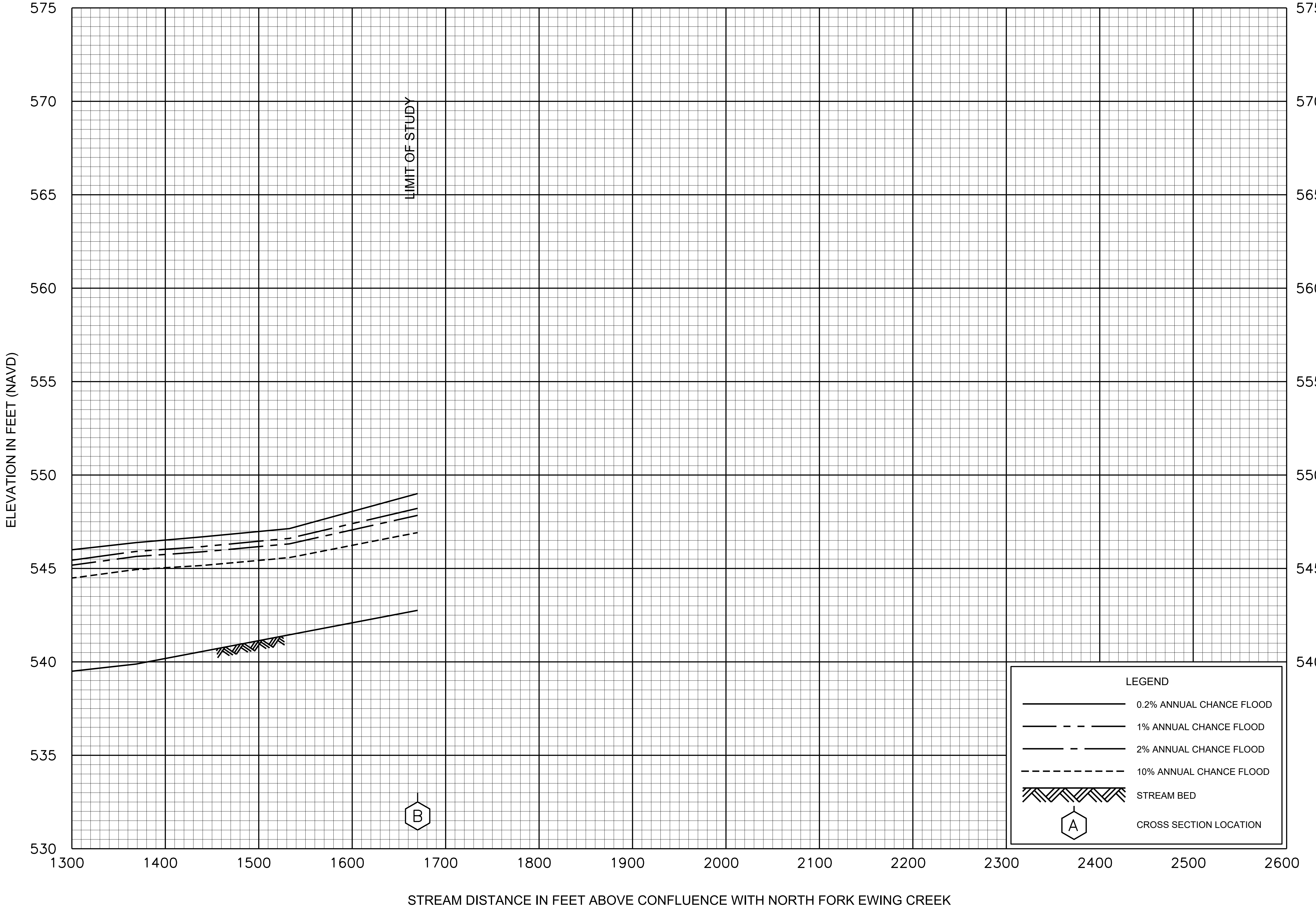

FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 5

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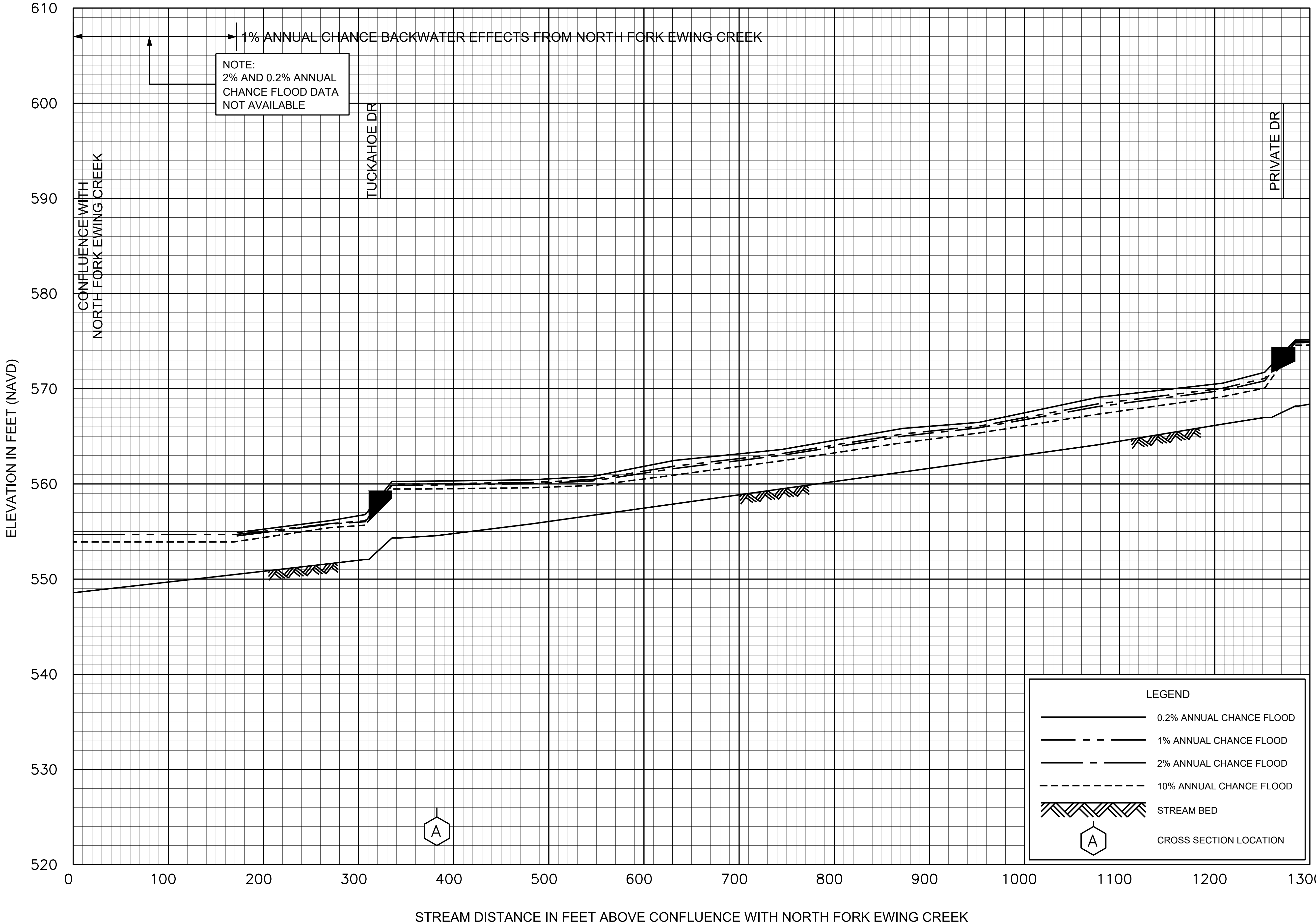
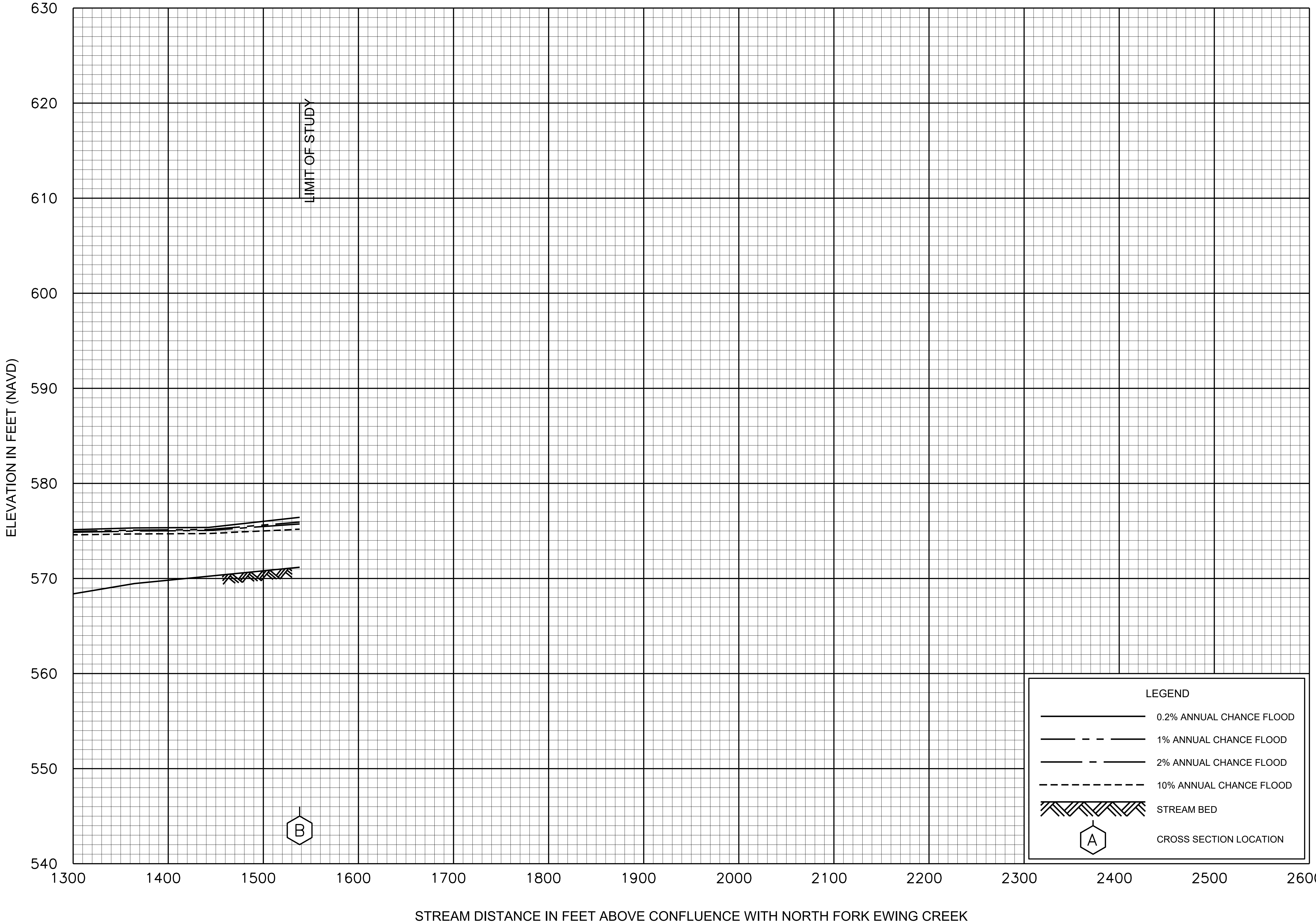
AND INCORPORATED AREAS



FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 6

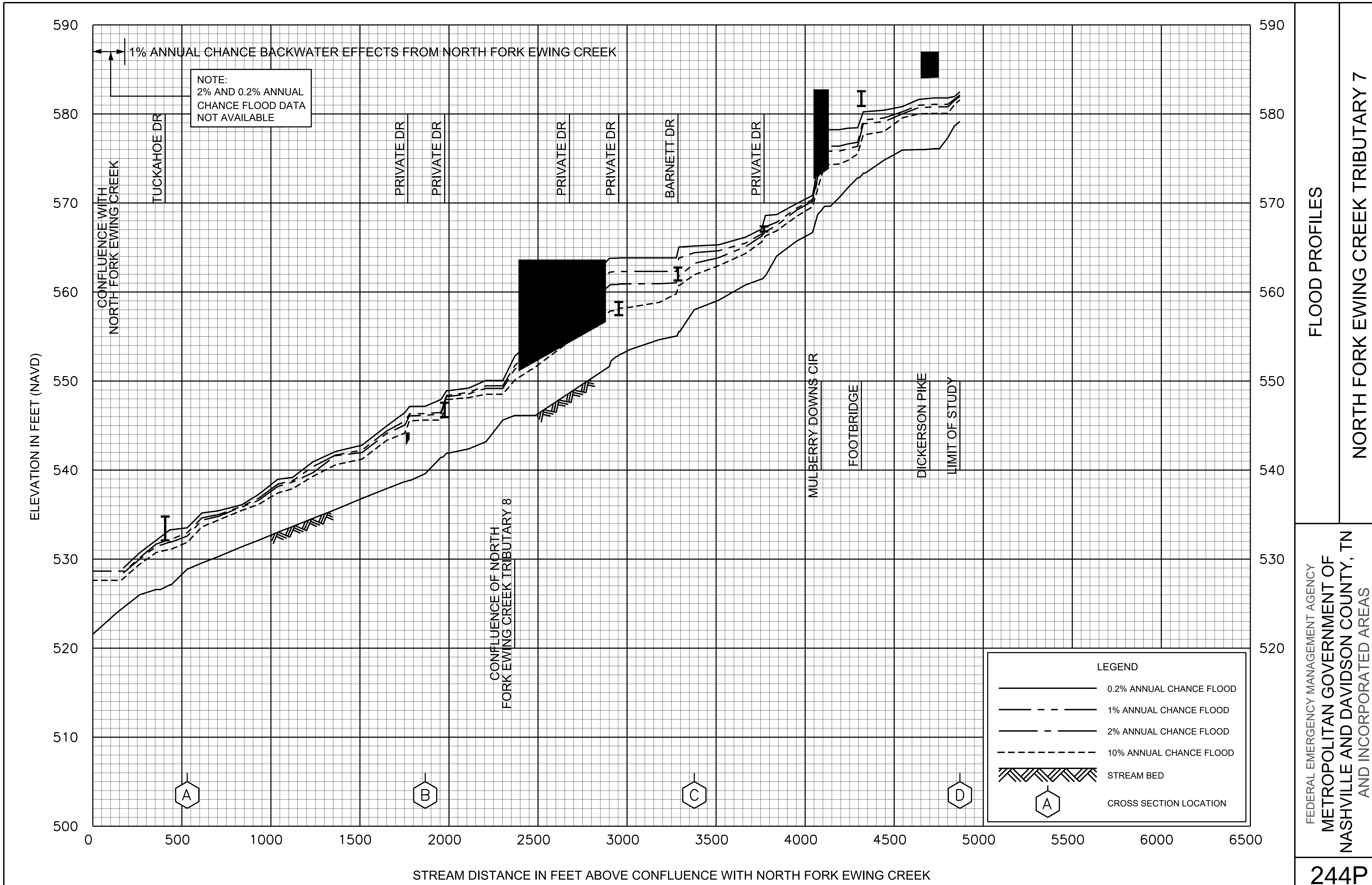
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

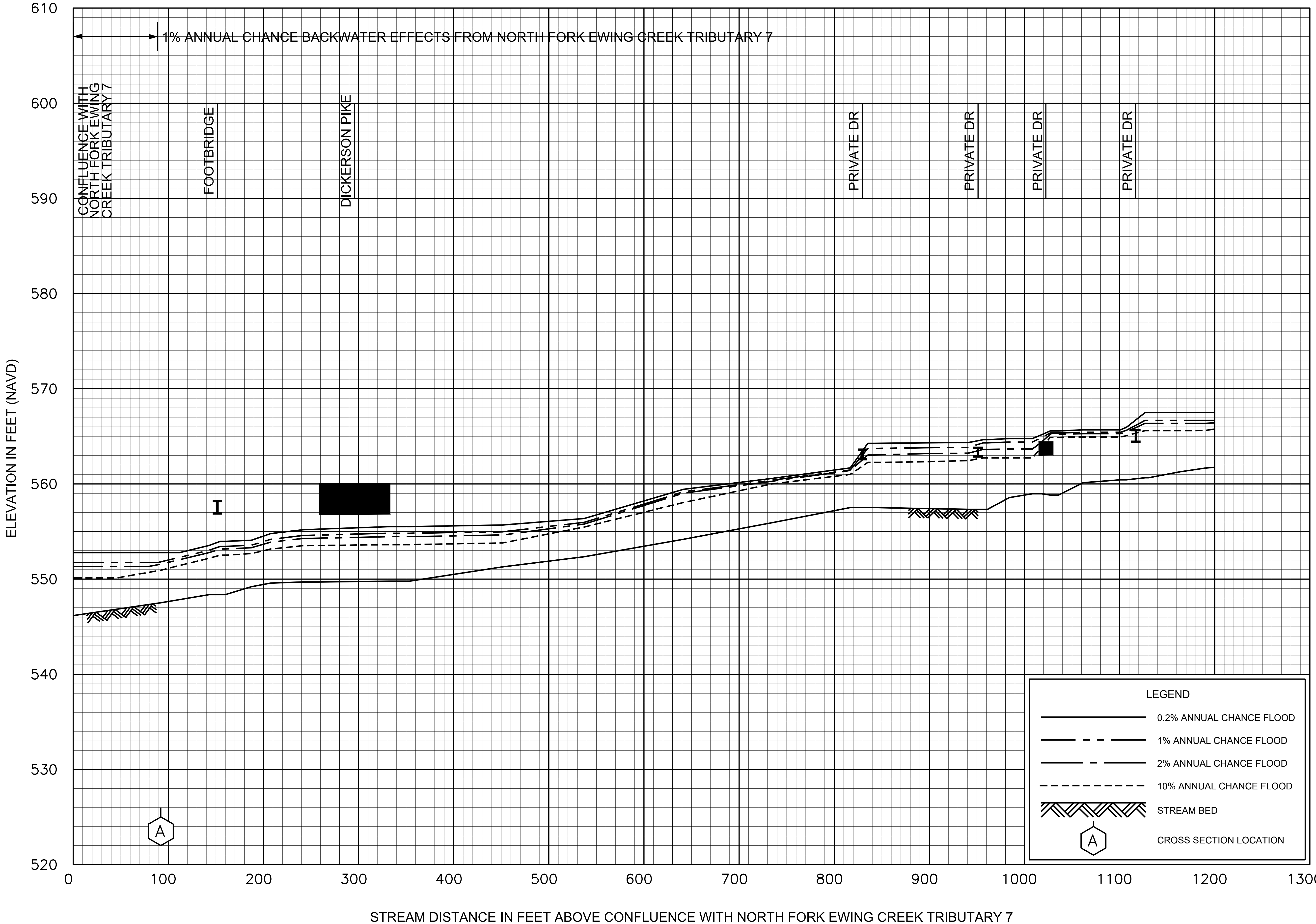


FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS


1% ANNUAL CHANCE BACKWATER EFFECTS FROM NORTH FORK EWING CREEK
NOTE:
2% AND 0.2% ANNUAL CHANCE FLOOD DATA NOT AVAILABLE
CONFLUENCE WITH NORTH FORK EWING CREEK
TUCKAHOE DR
PRIVATE DR
PRIVATE DR
PRIVATE DR
PRIVATE DR
BARNETT DR
PRIVATE DR
MULBERRY DOWNS CIR
FOOTBRIDGE
DICKERSON PIKE
LIMIT OF STUDY
CONFLUENCE OF NORTH FORK EWING CREEK TRIBUTARY 8
ELEVATION IN FEET (NAVD)
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH NORTH FORK EWING CREEK
590
580
570
560
550
540
530
520
510
500
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
A
B
C
D
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION
FLOOD PROFILES
NORTH FORK EWING CREEK TRIBUTARY 7
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

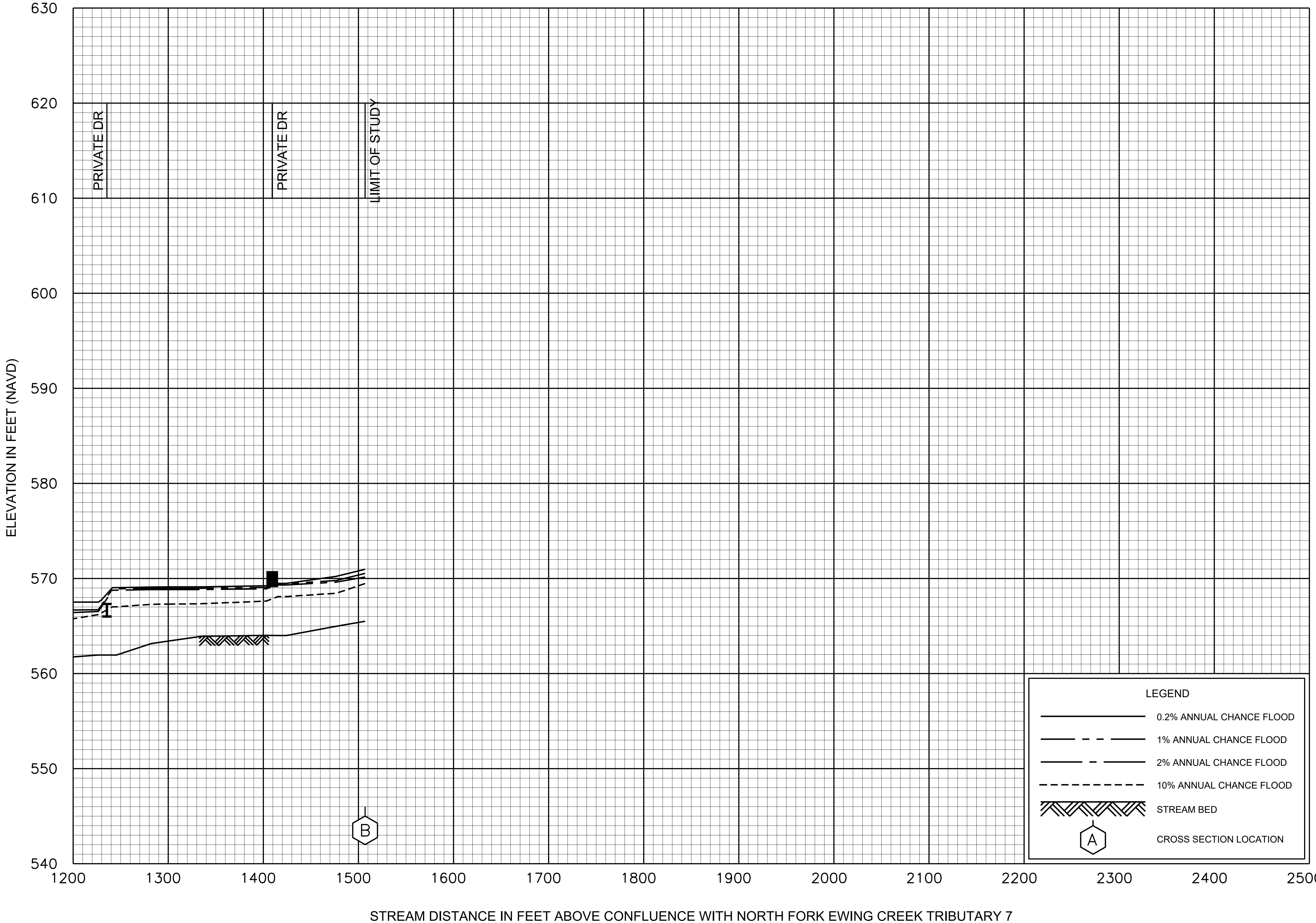


FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

NORTH FORK EWING CREEK TRIBUTARY 8

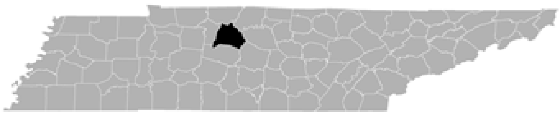
FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 10 OF 11



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV010D
Version Number 2.6.3.0

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Volume 10
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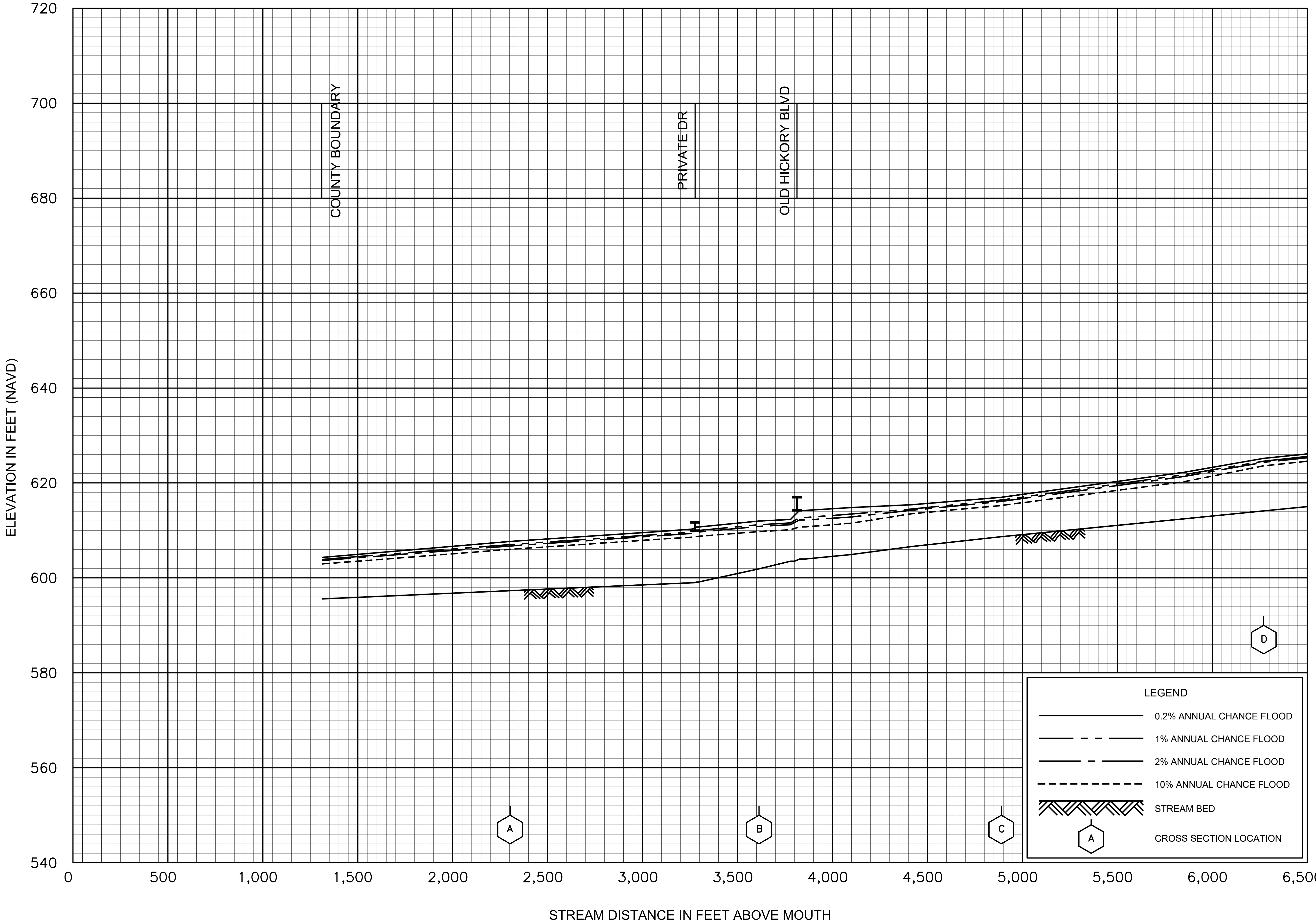
Volume 11
Exhibit 1

Published Separately

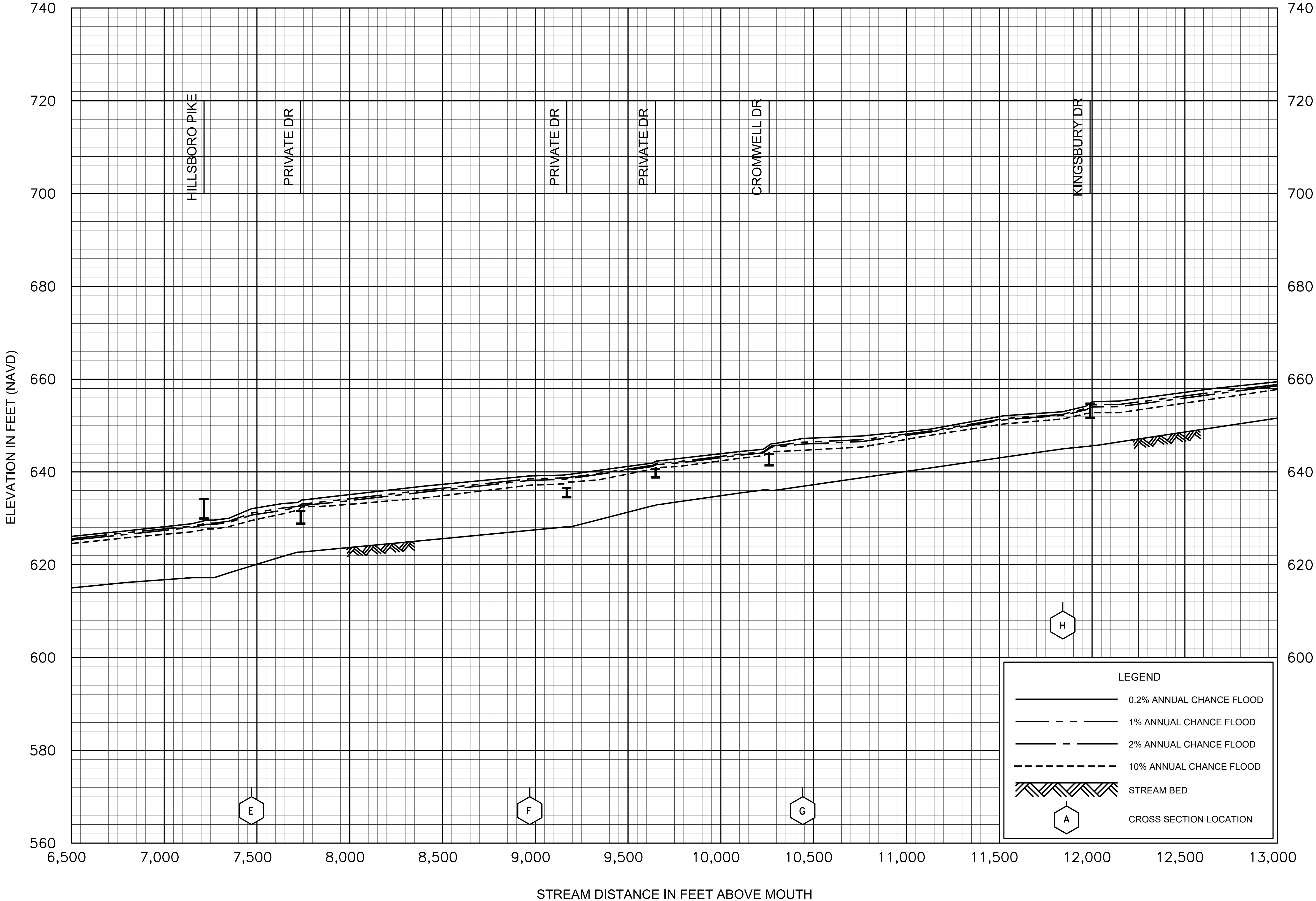
Flood Insurance Rate Map (FIRM)



FLOOD PROFILES

OTTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

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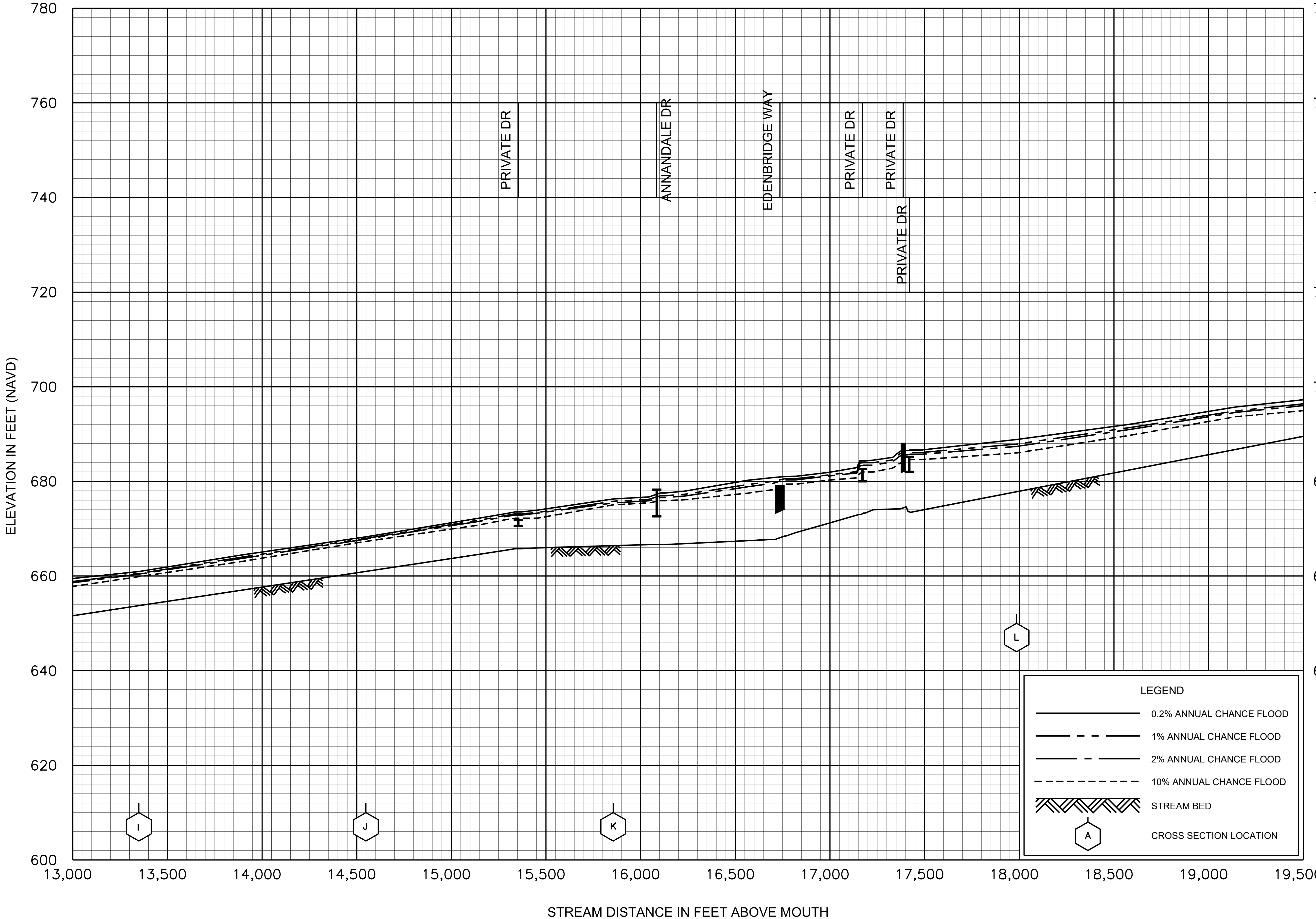
AND INCORPORATED AREAS



FLOOD PROFILES

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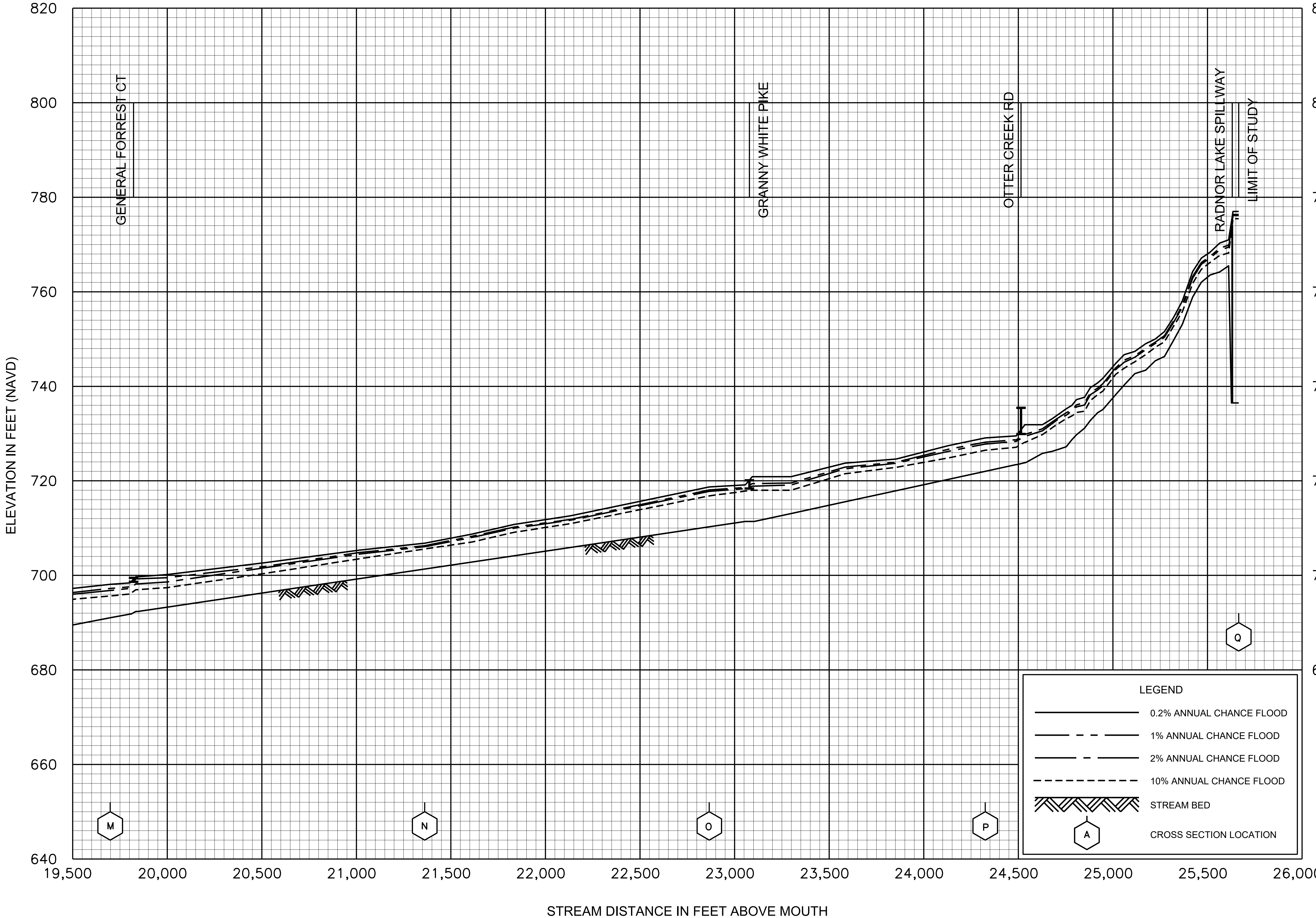

FLOOD PROFILES

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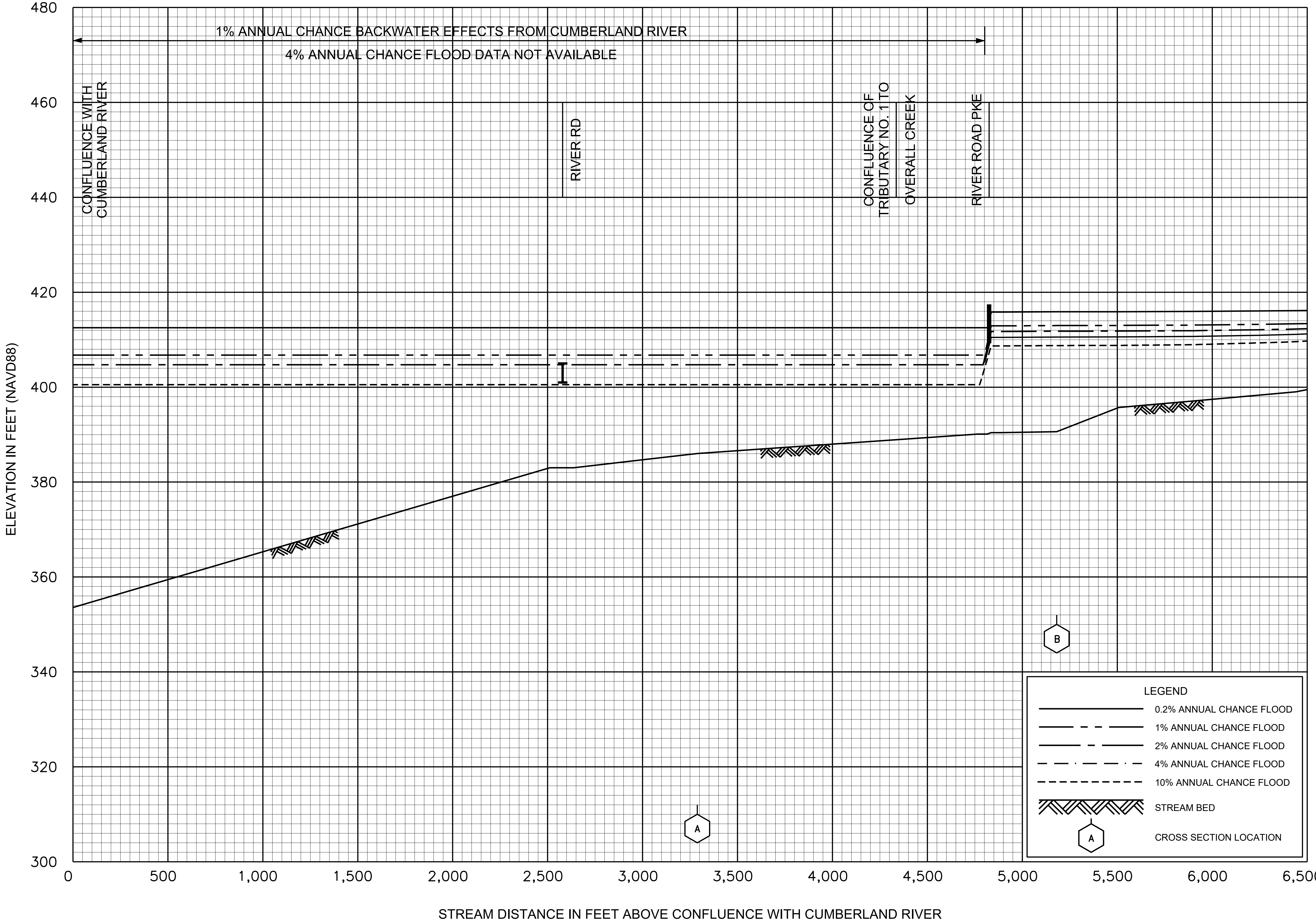
FEDERAL EMERGENCY MANAGEMENT AGENCY

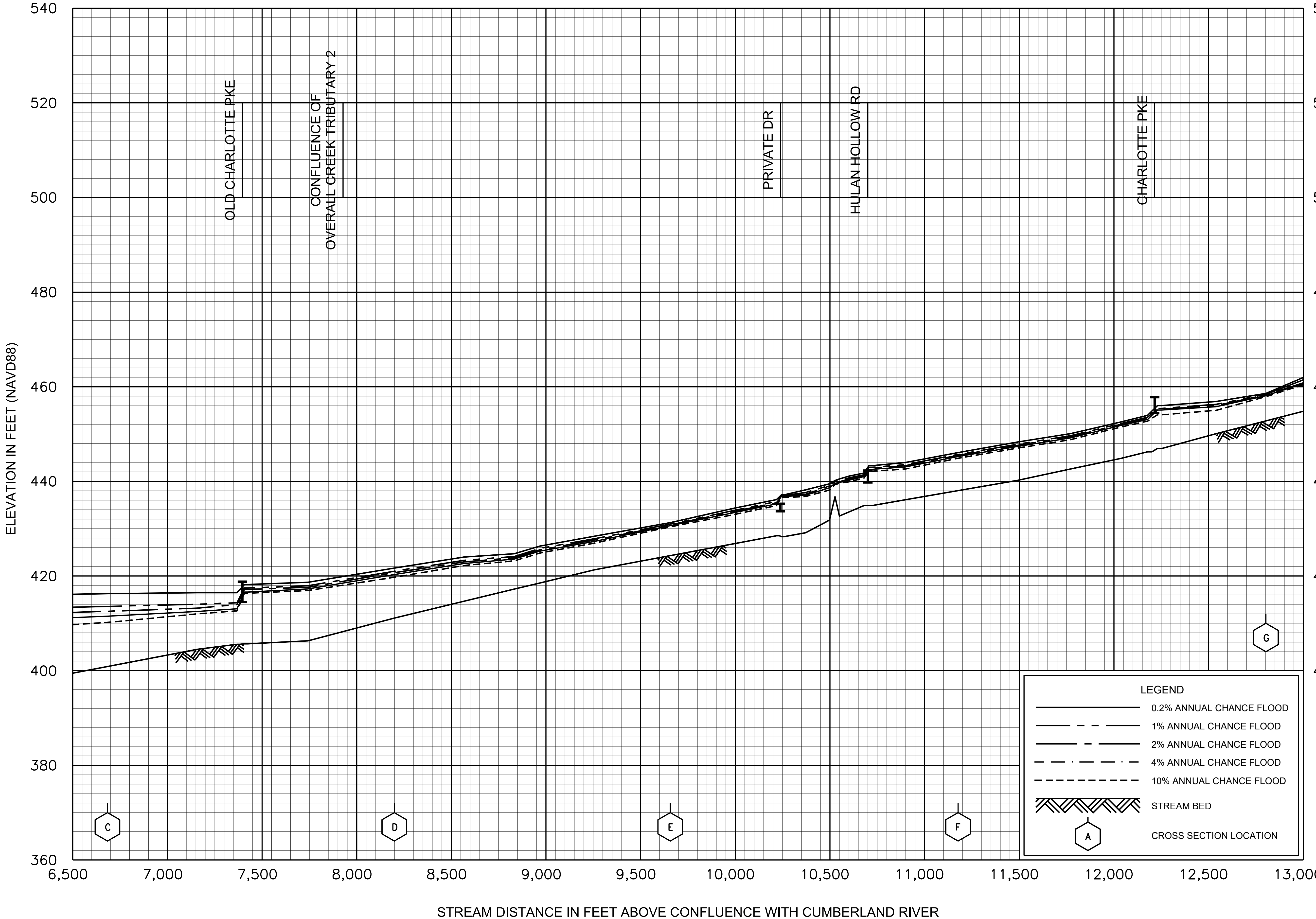
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

OVERALL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

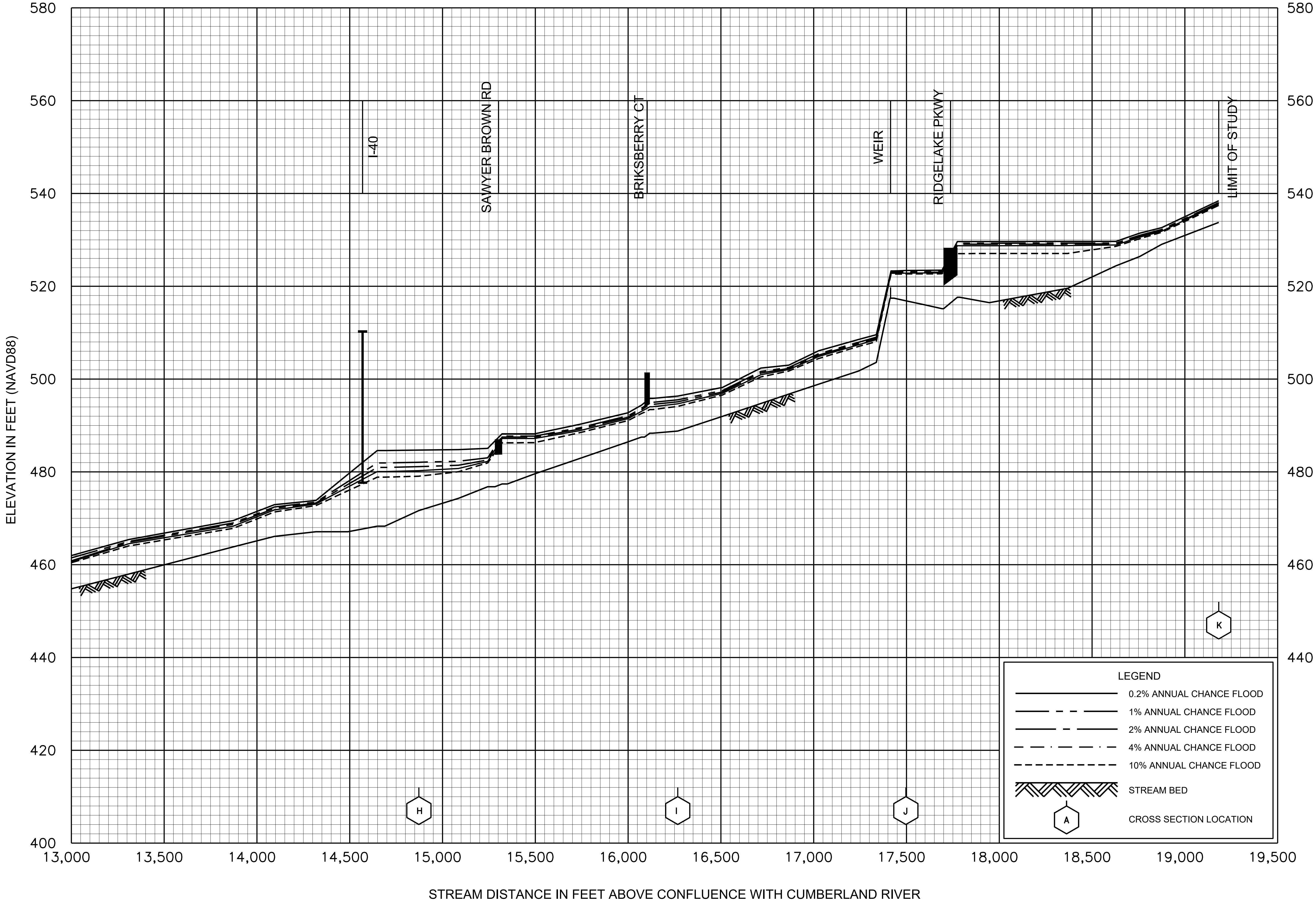


FLOOD PROFILES

OVERALL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

252P

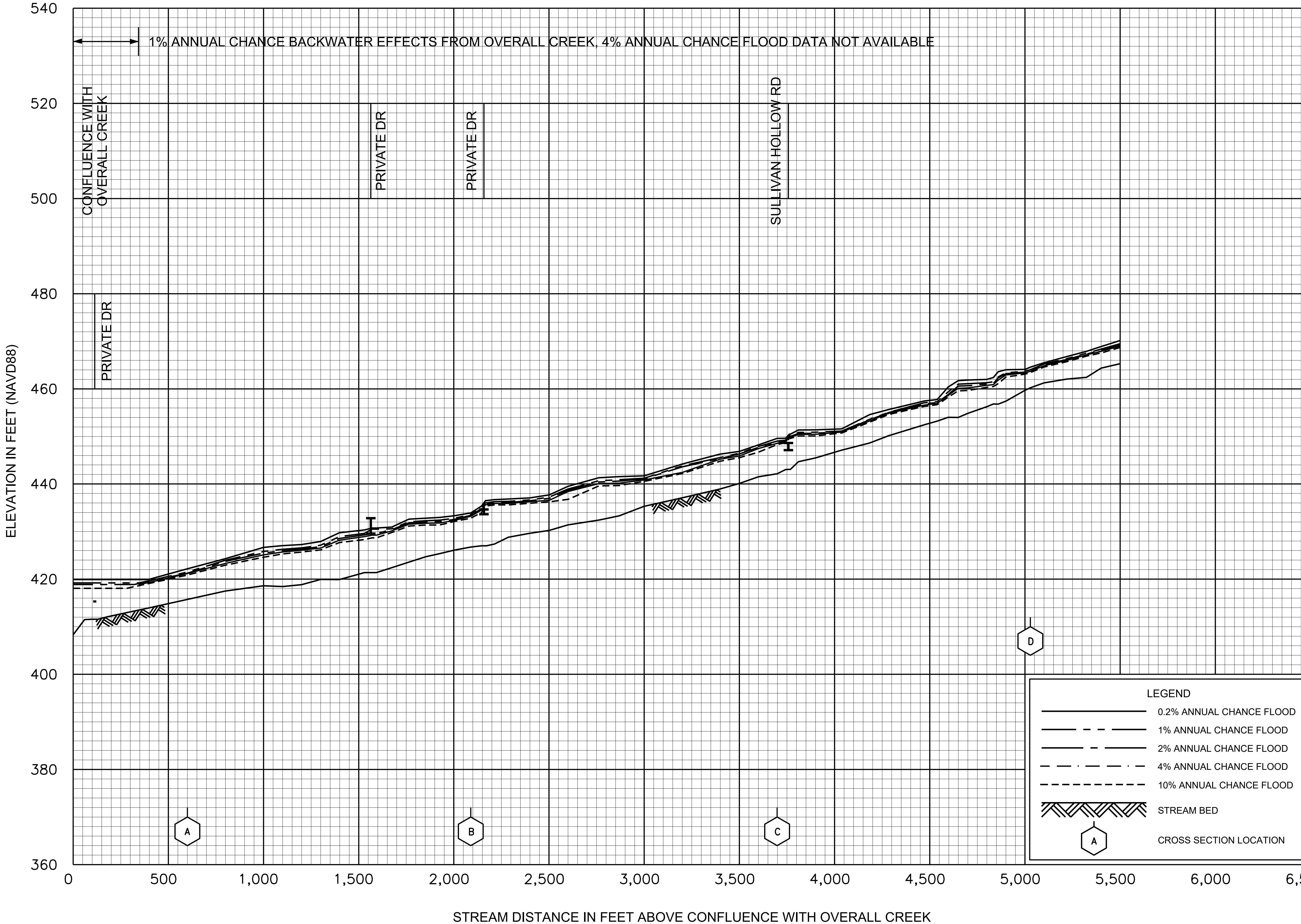


FLOOD PROFILES

OVERALL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

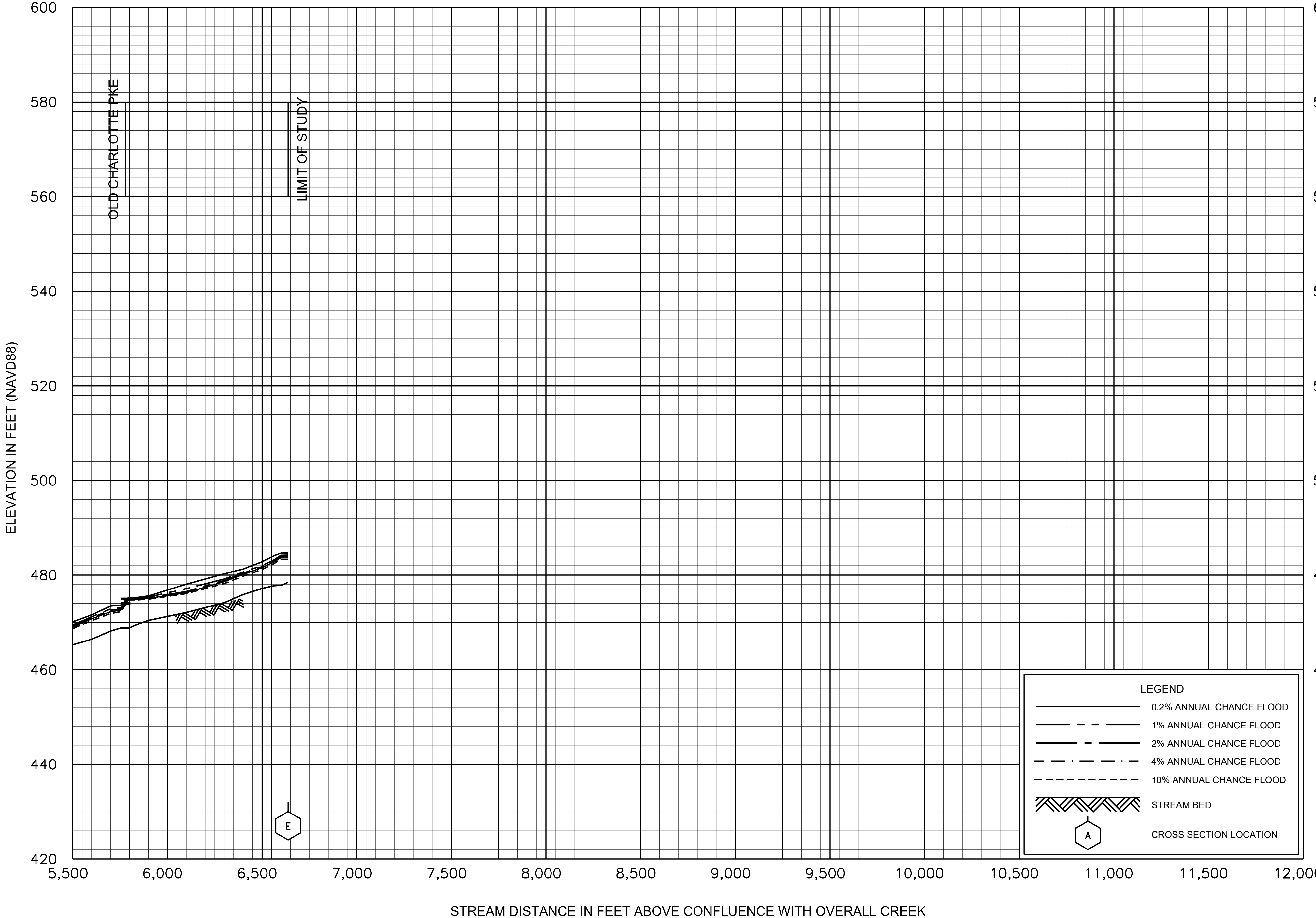


FLOOD PROFILES

OVERALL CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

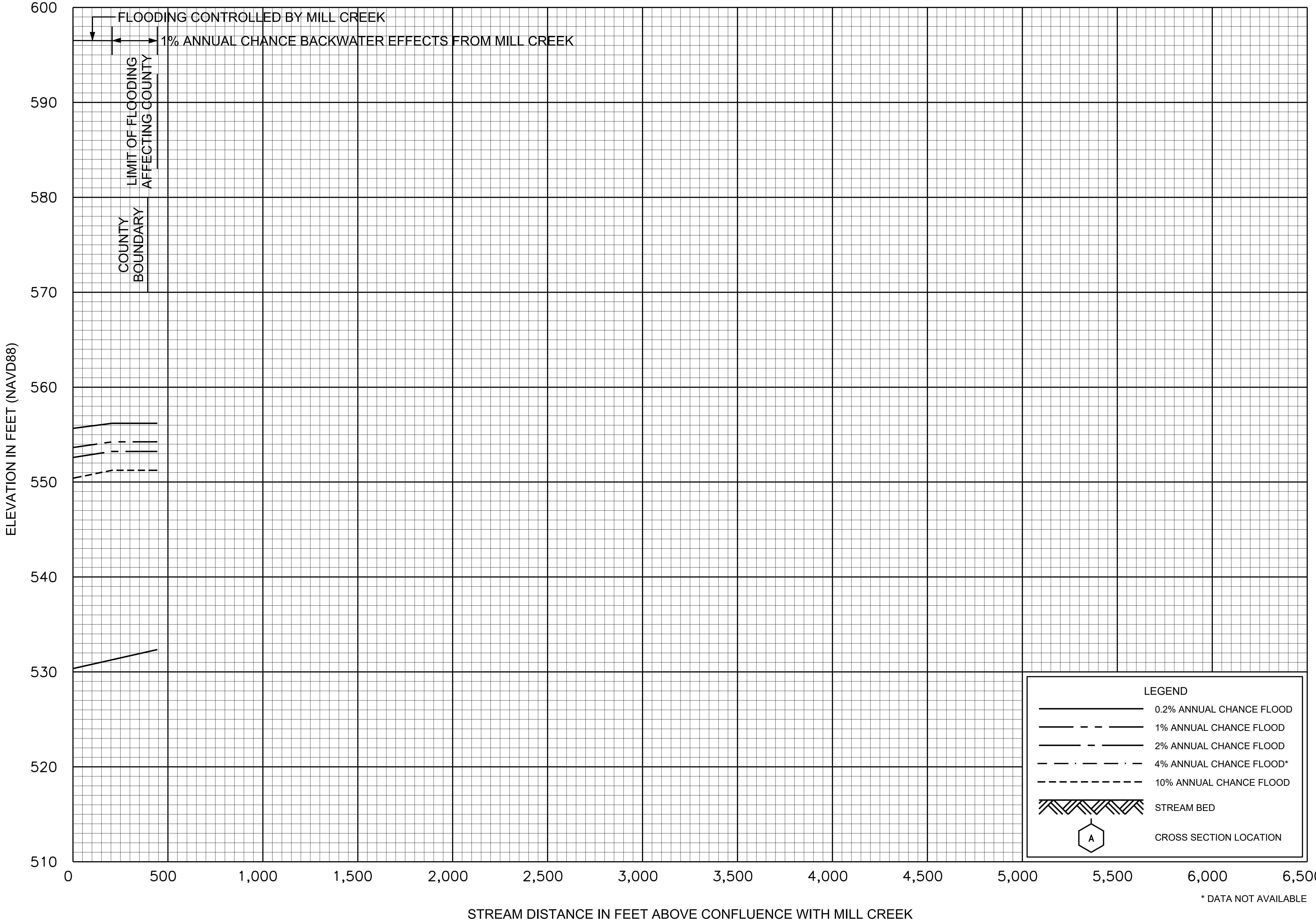
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

OVERALL CREEK TRIBUTARY 2

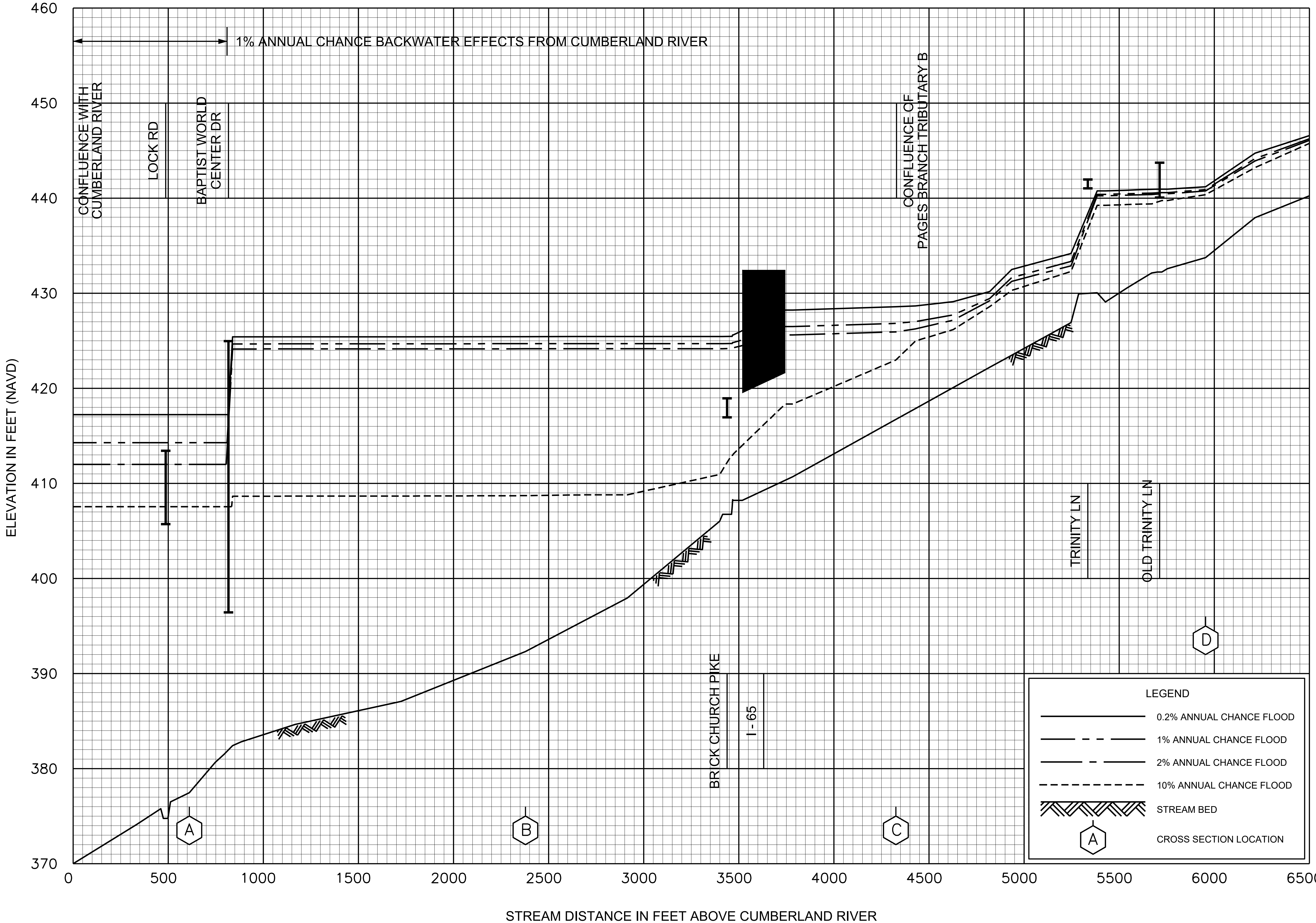
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

OWL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

PAGES BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

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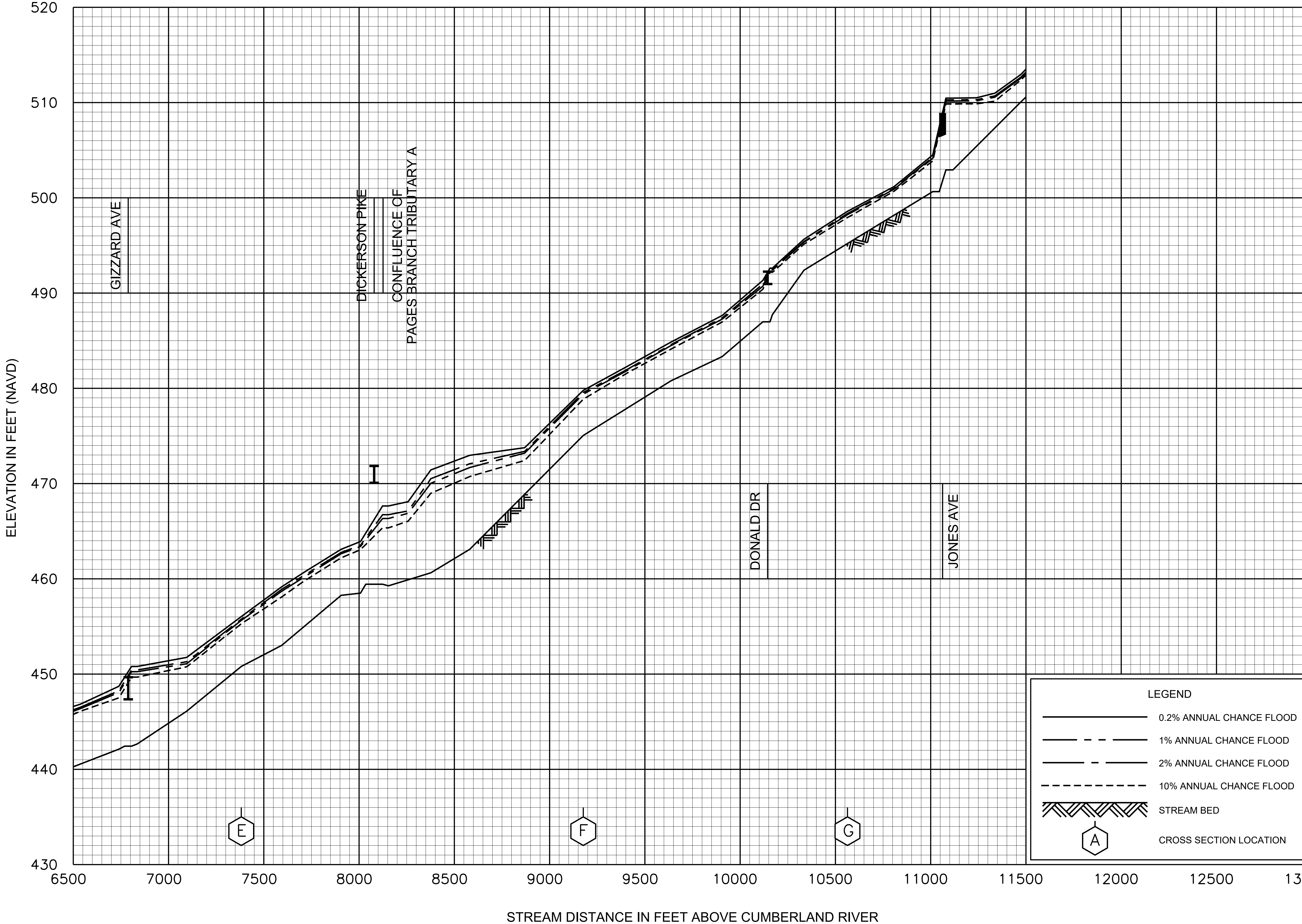
256P



FLOOD PROFILES

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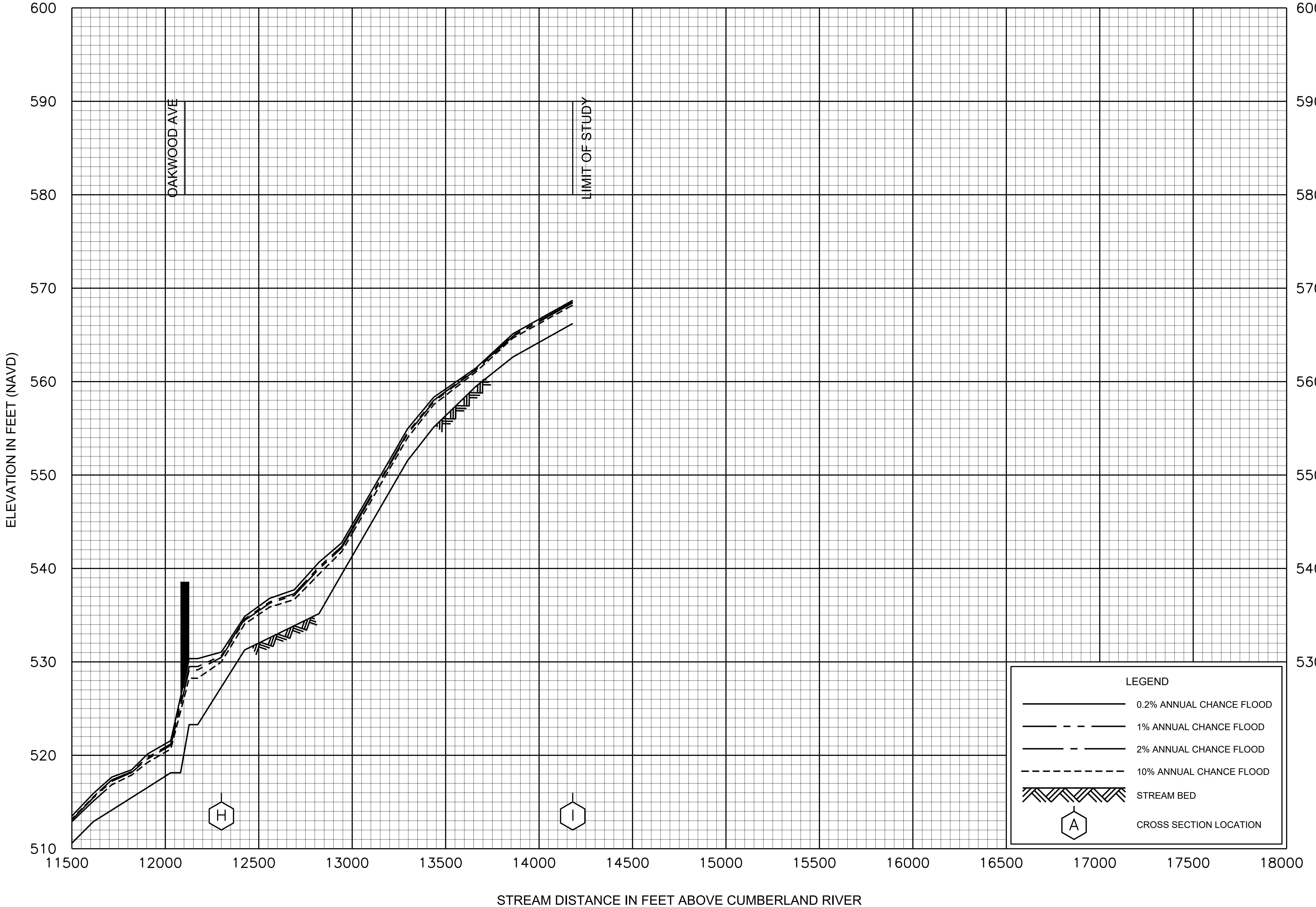
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

257P



FLOOD PROFILES

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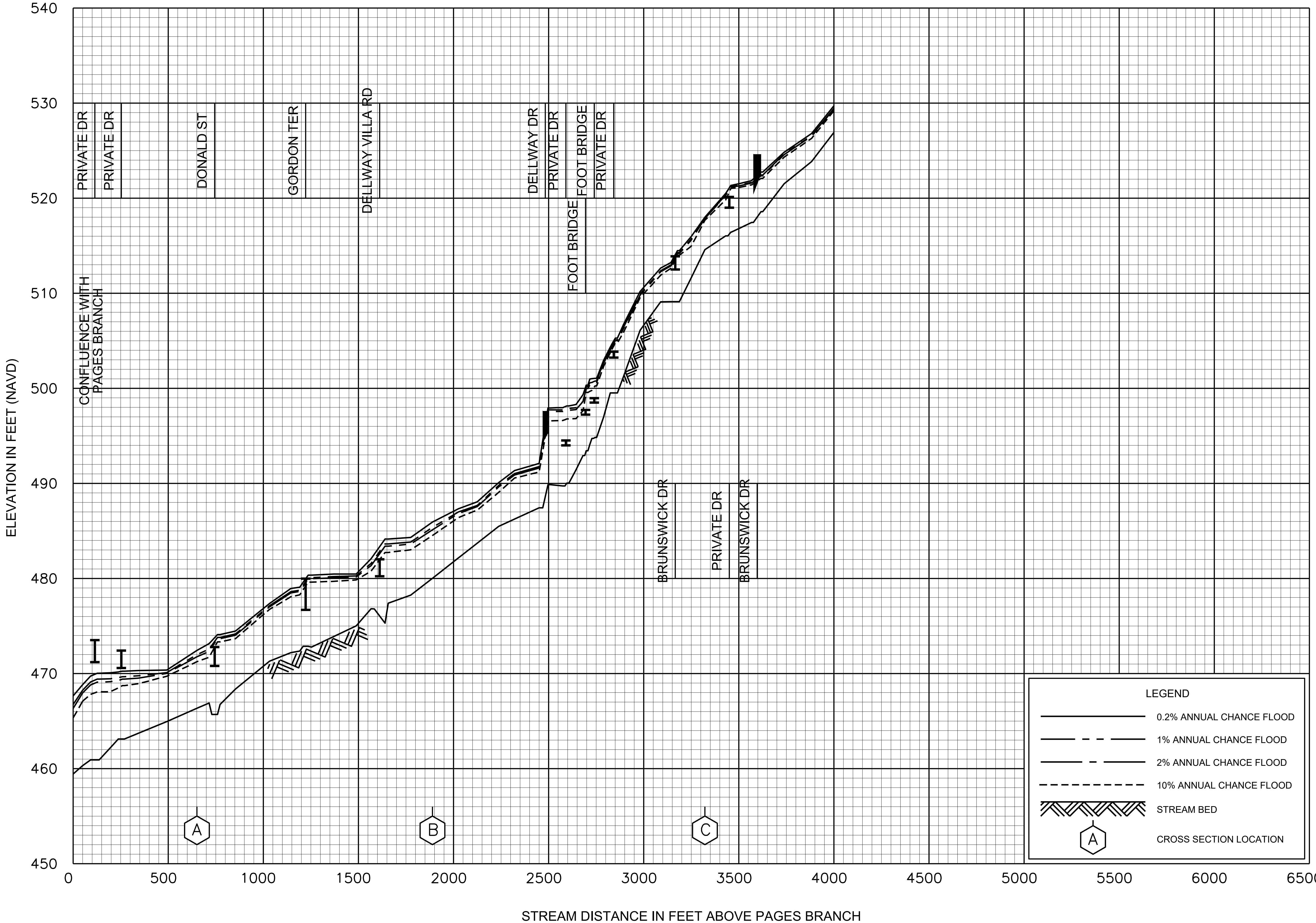
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS



FLOOD PROFILES

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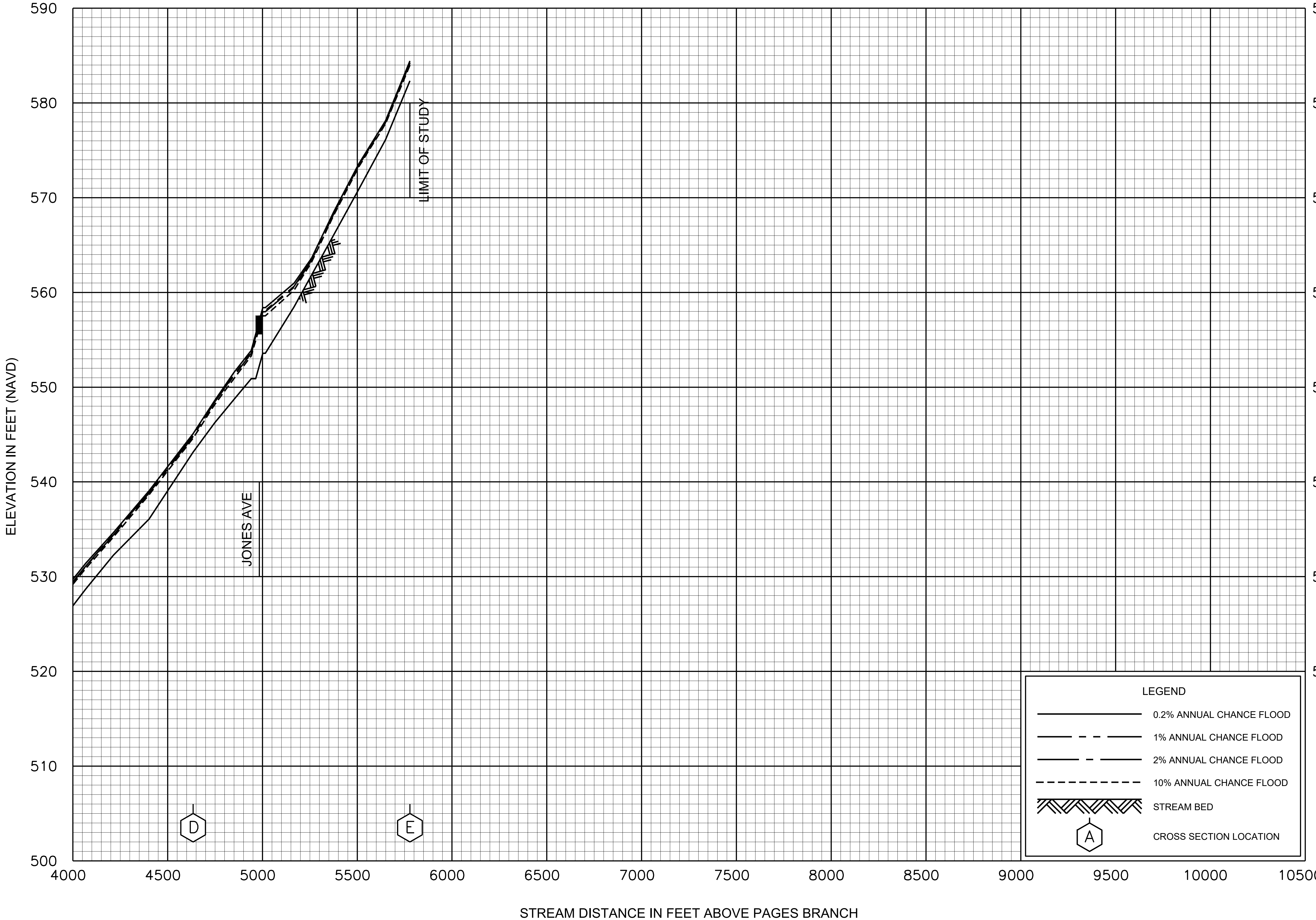
259P



FLOOD PROFILES

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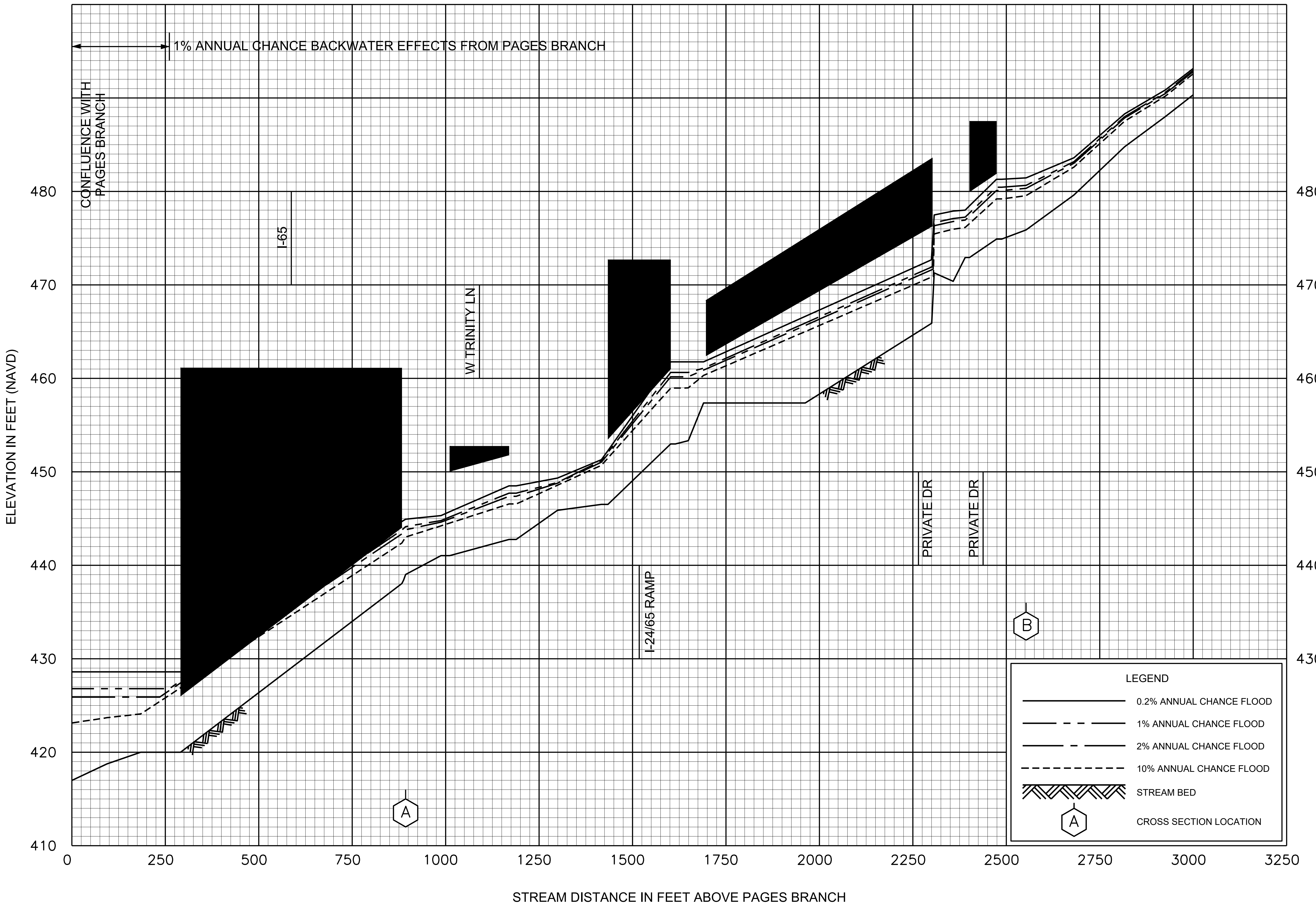
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

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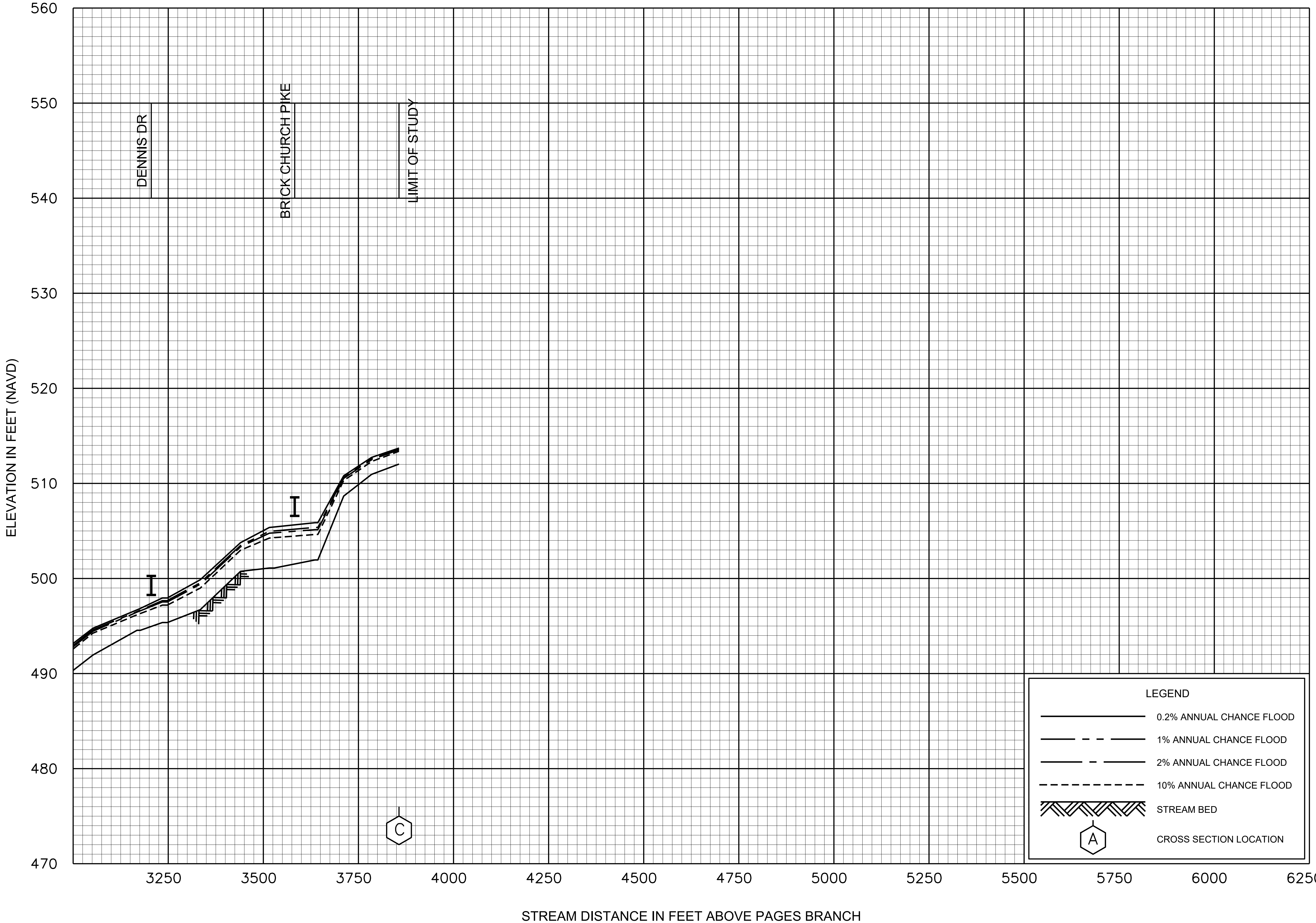

FLOOD PROFILES

PAGES BRANCH TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

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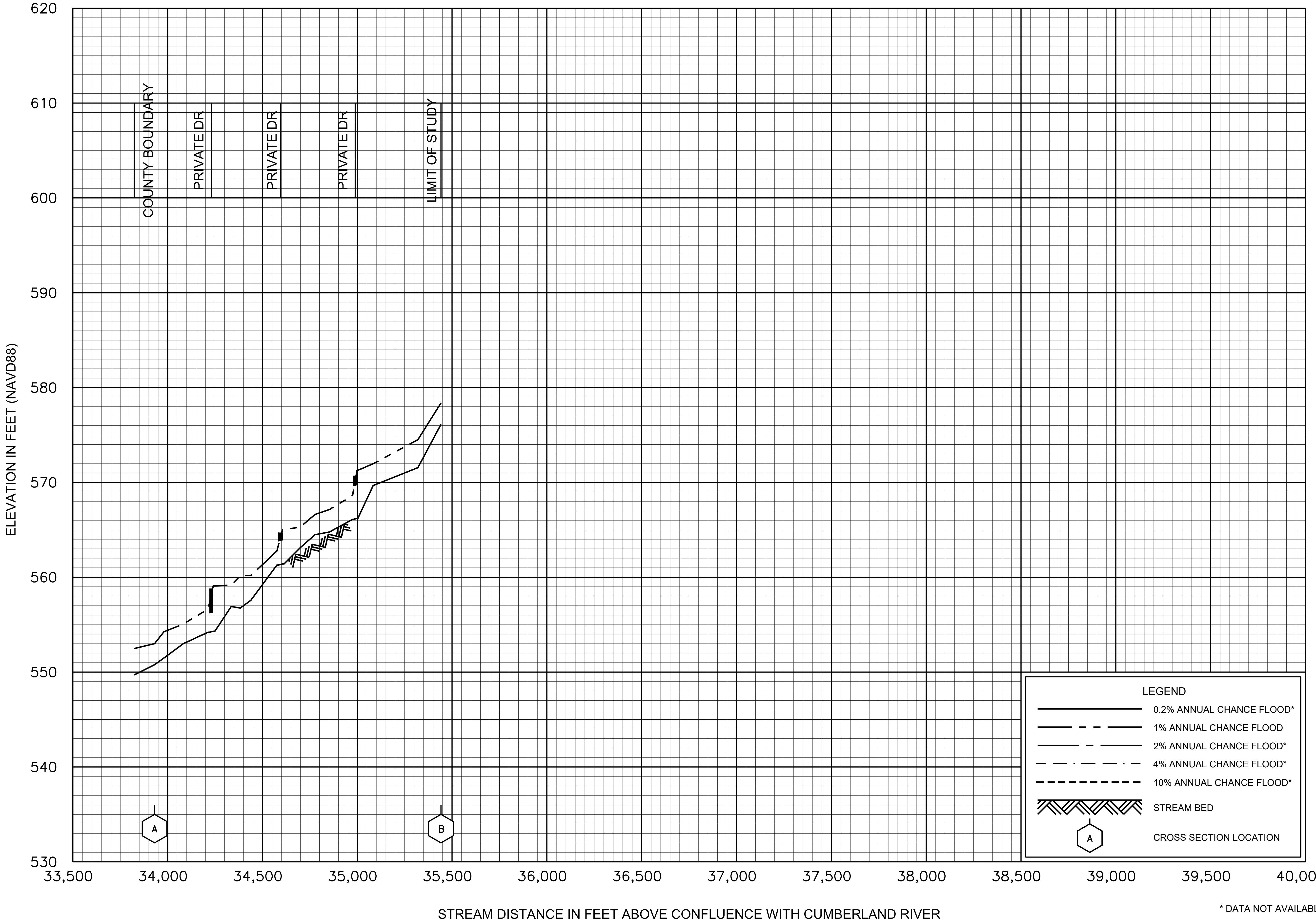

FLOOD PROFILES

POND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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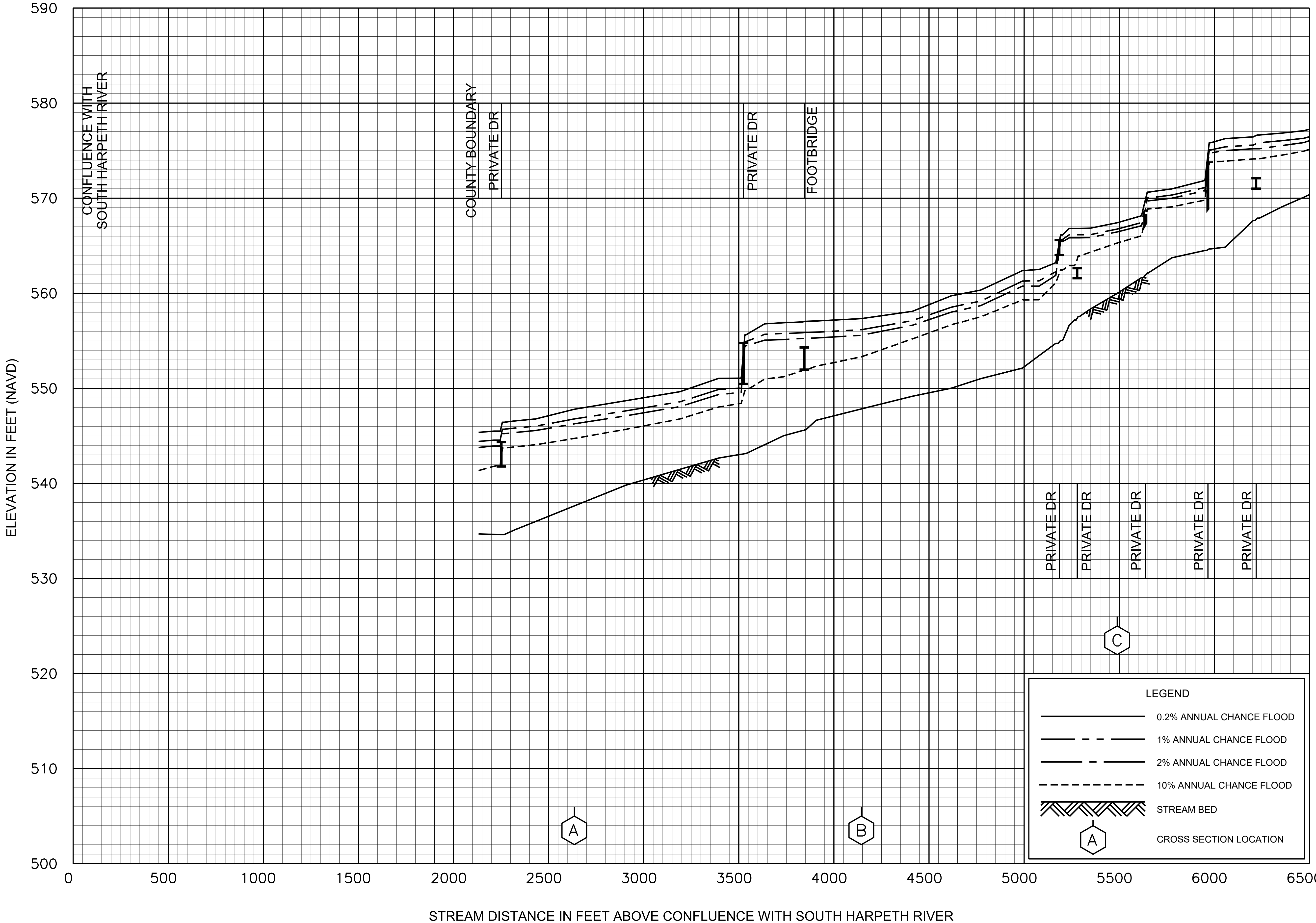
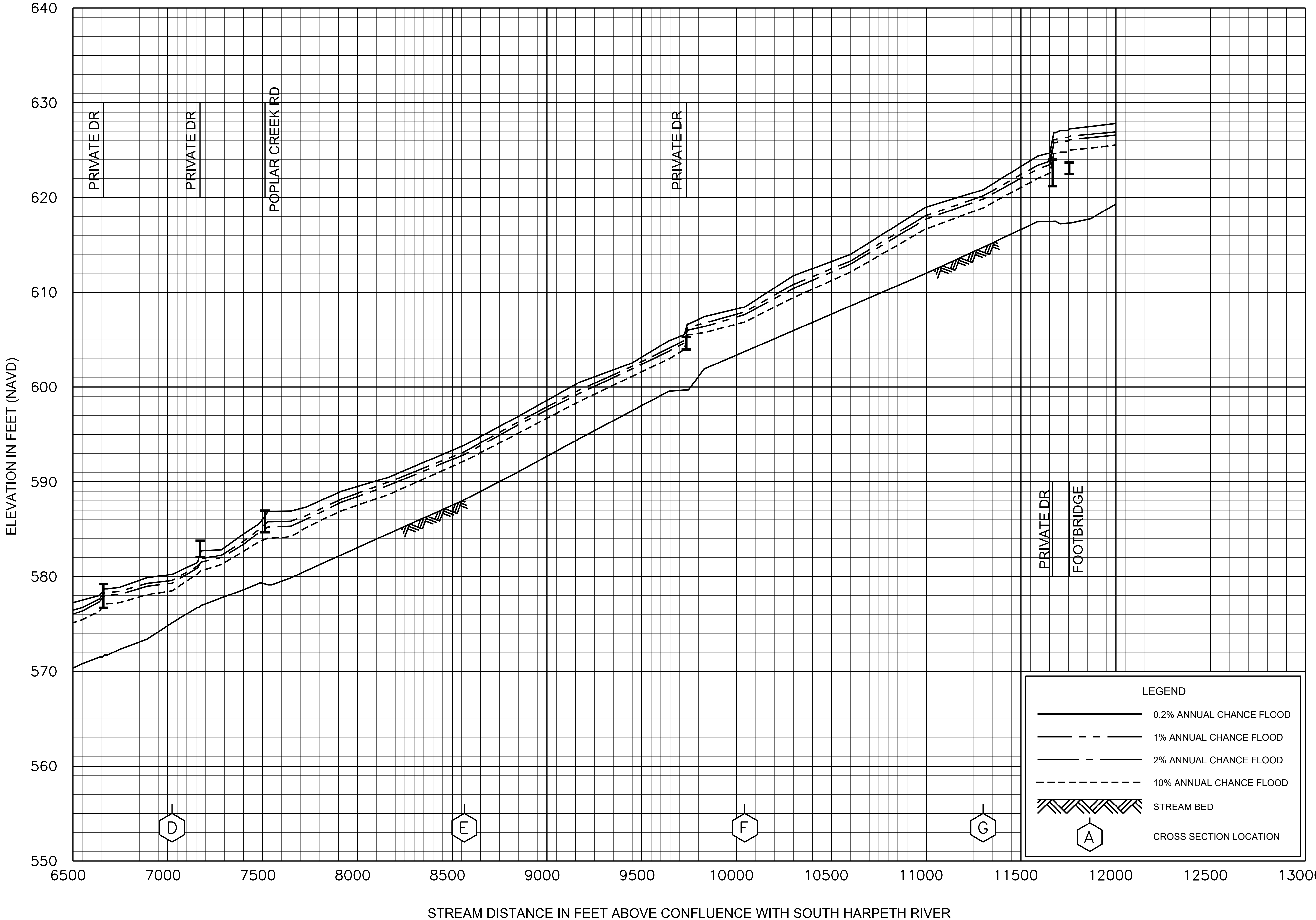
AND INCORPORATED AREAS



FLOOD PROFILES

POPLAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

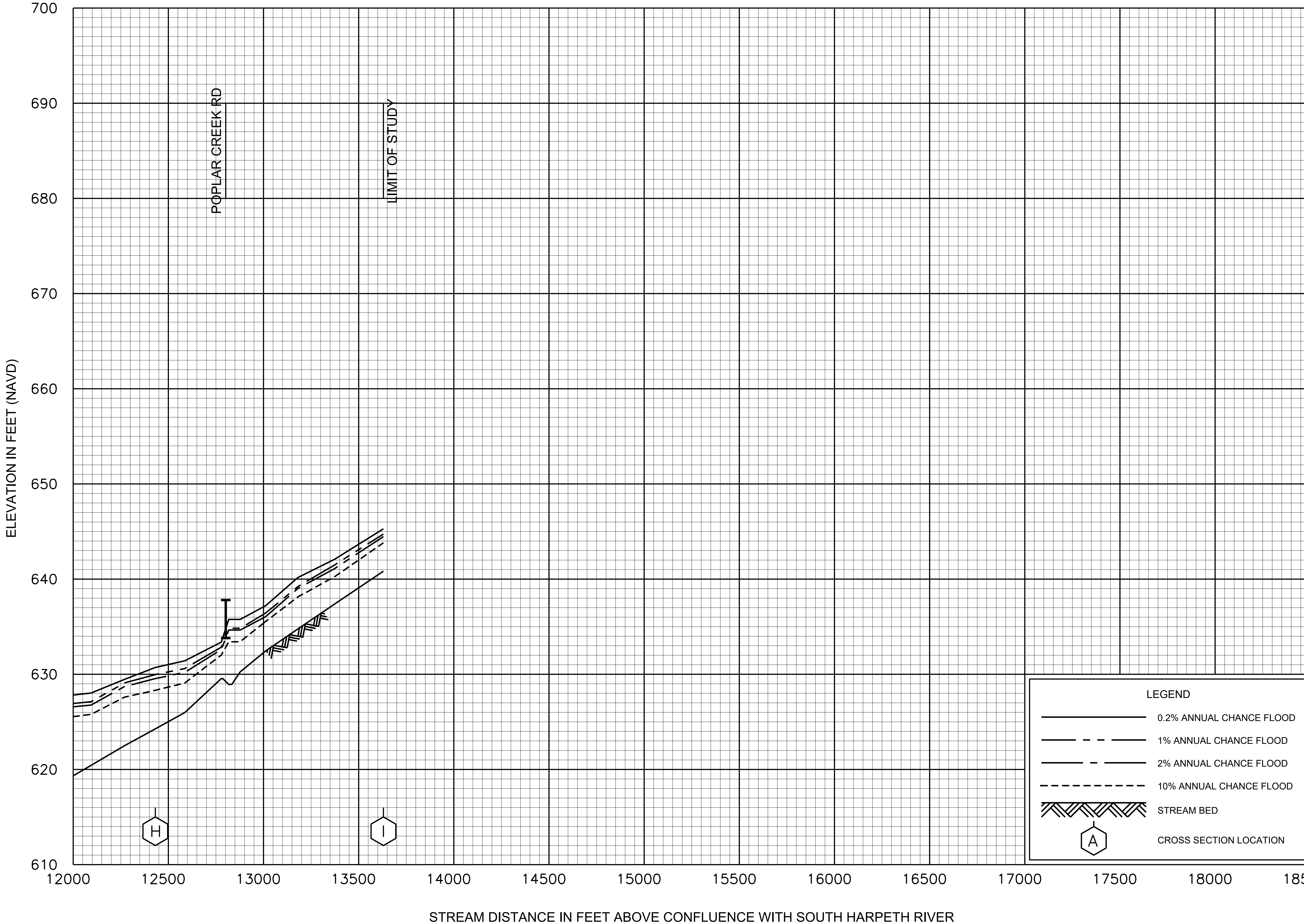
POPLAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

264P



FLOOD PROFILES

POPLAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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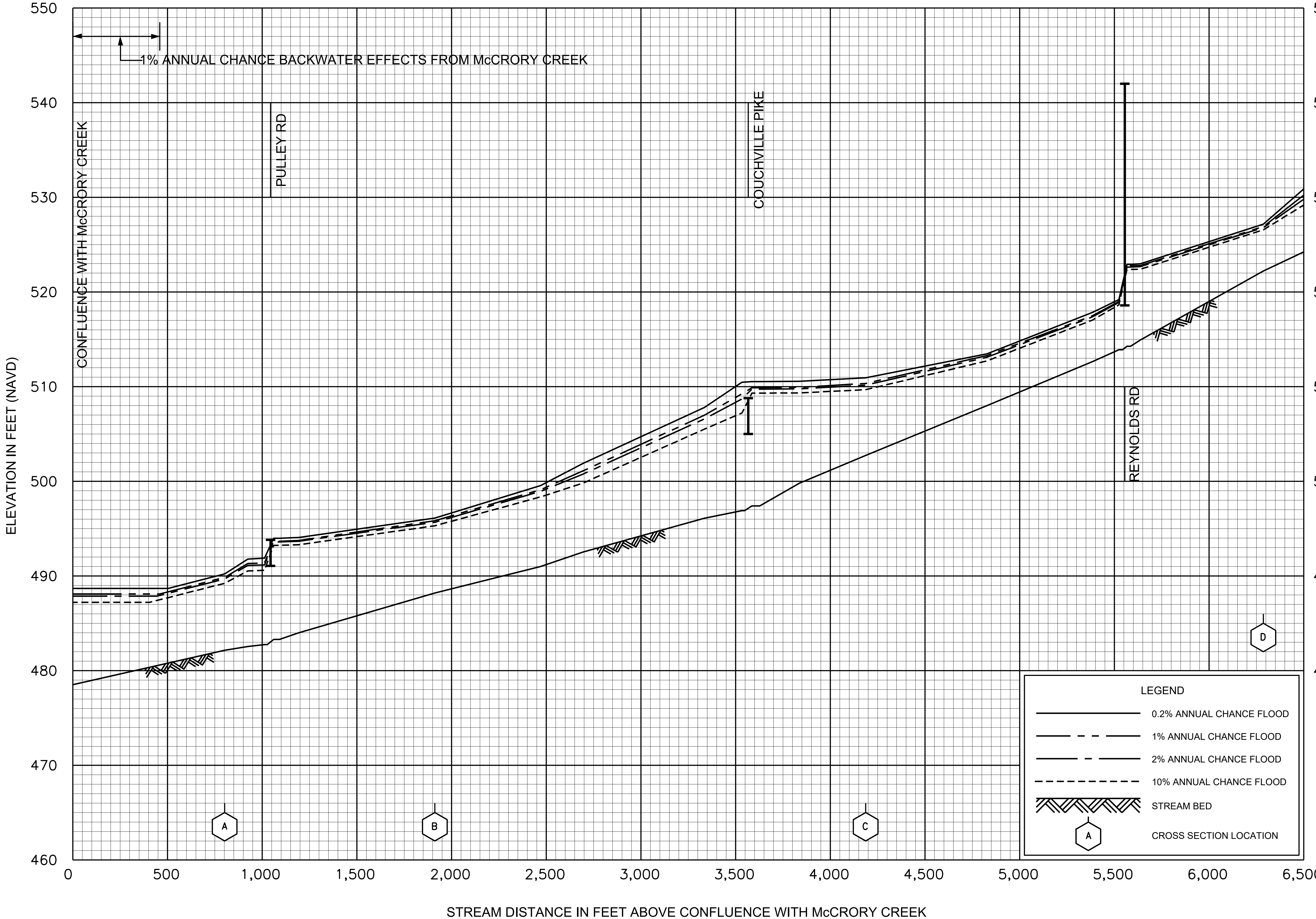


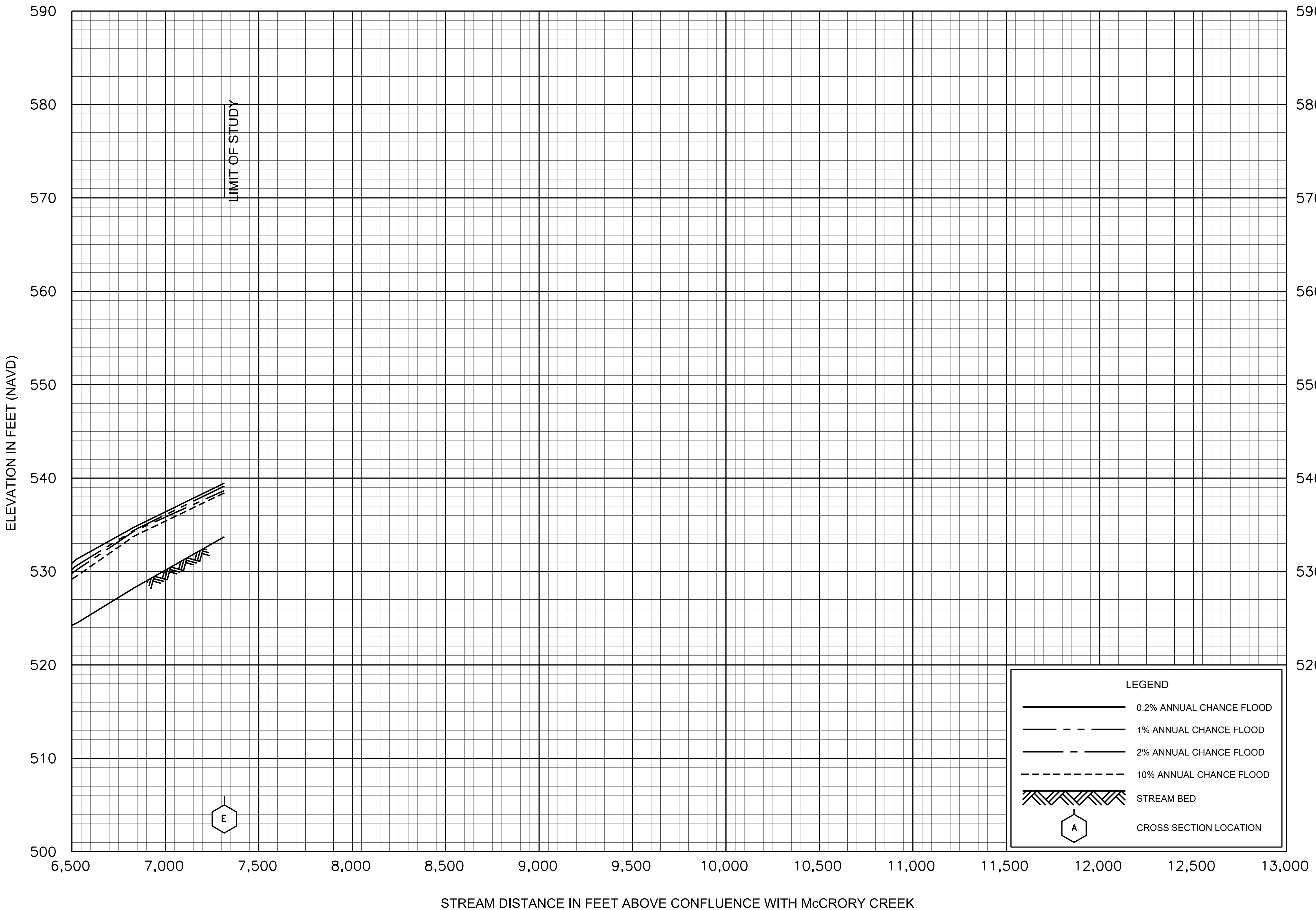
FLOOD PROFILES

PULLEY TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

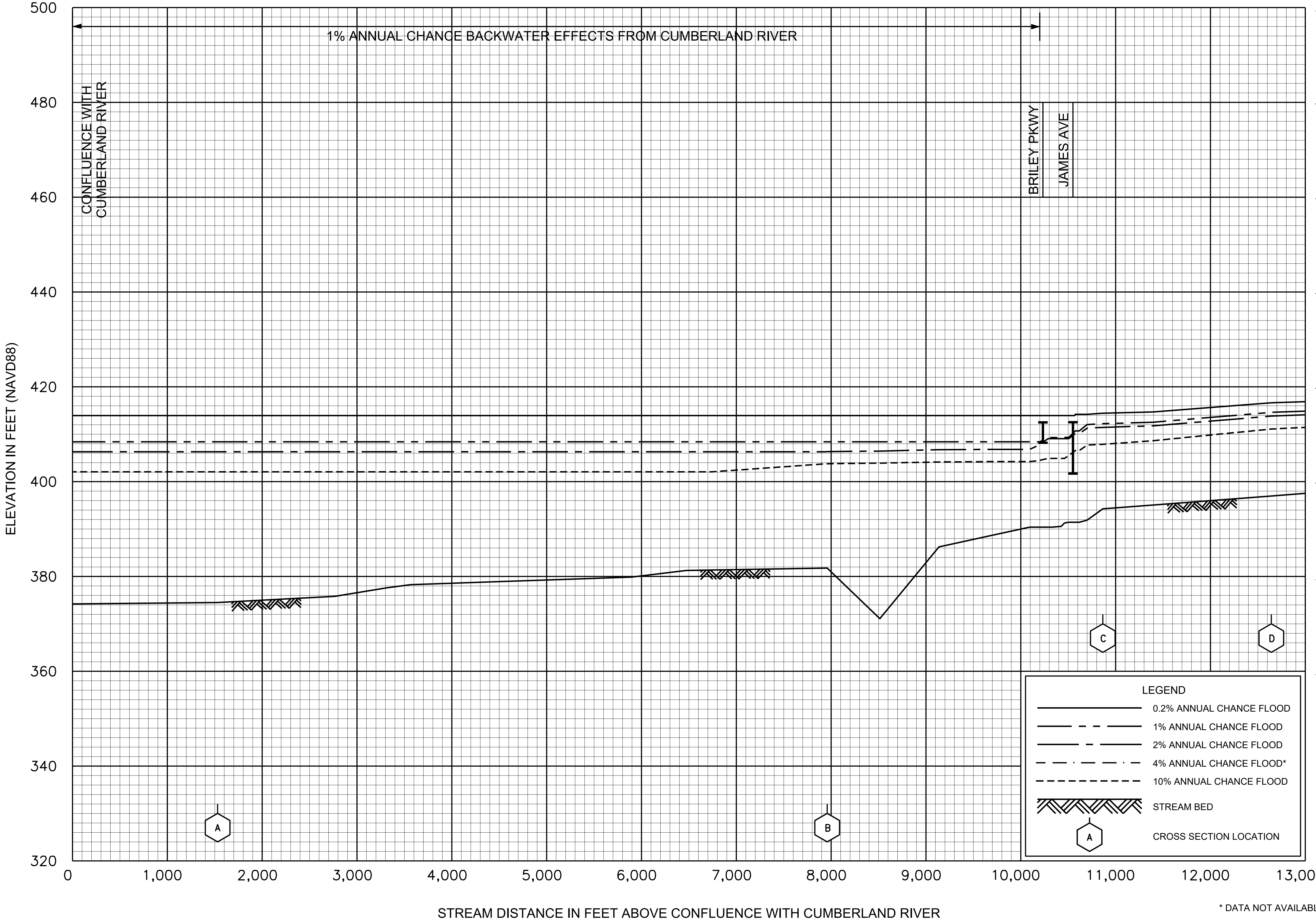
266P



FLOOD PROFILES

PULLEY TRIBUTARY

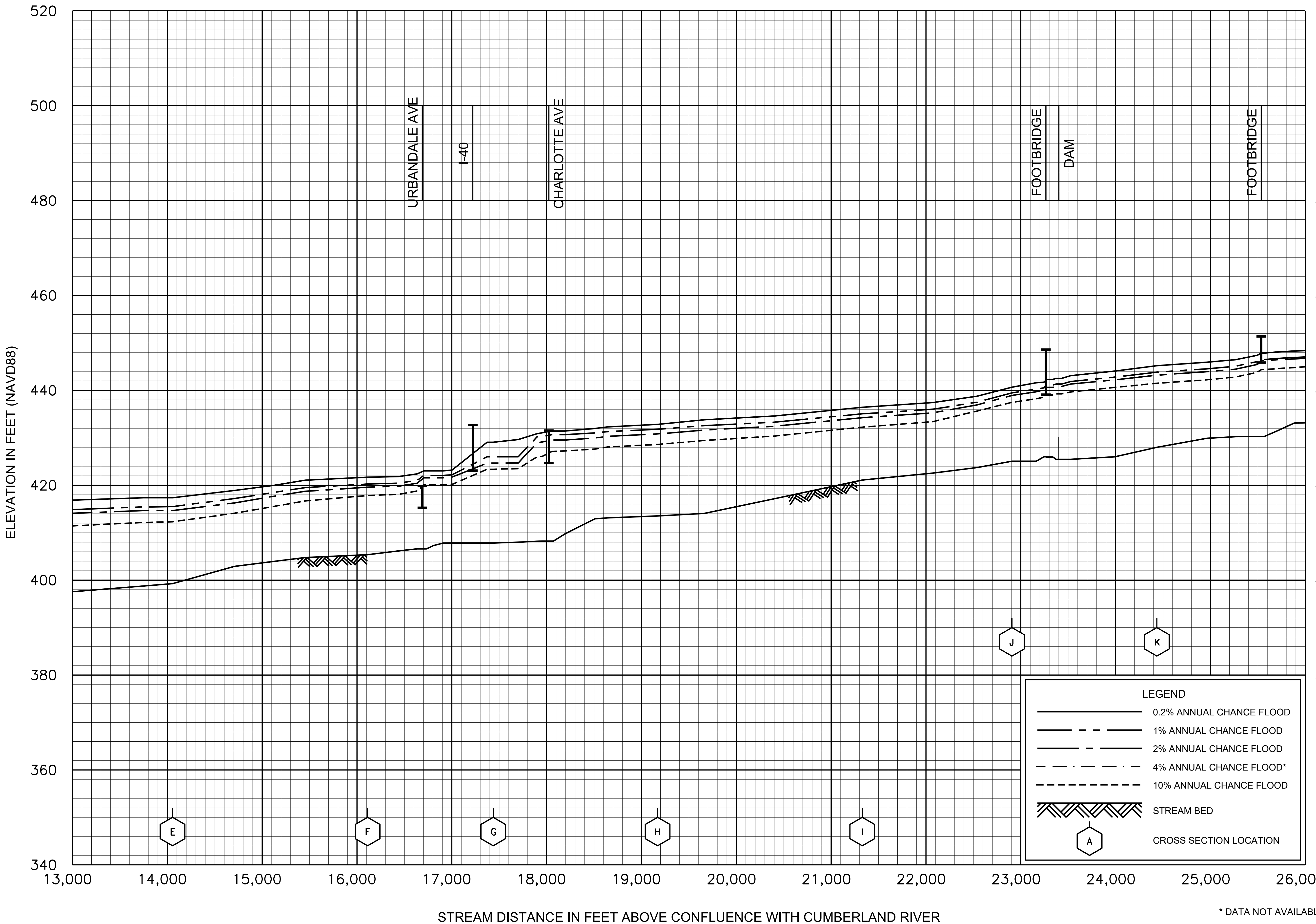
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

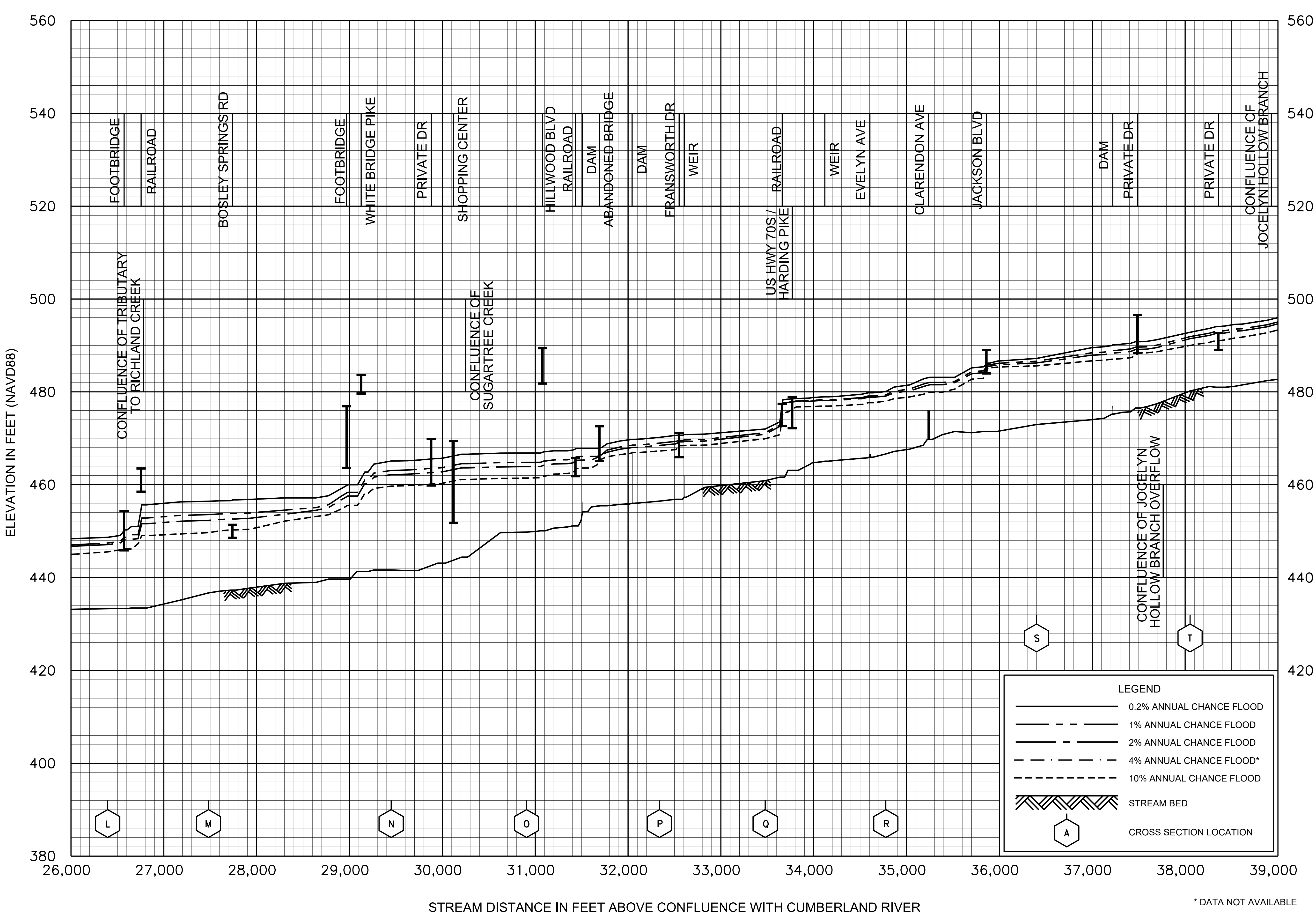


FLOOD PROFILES

RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

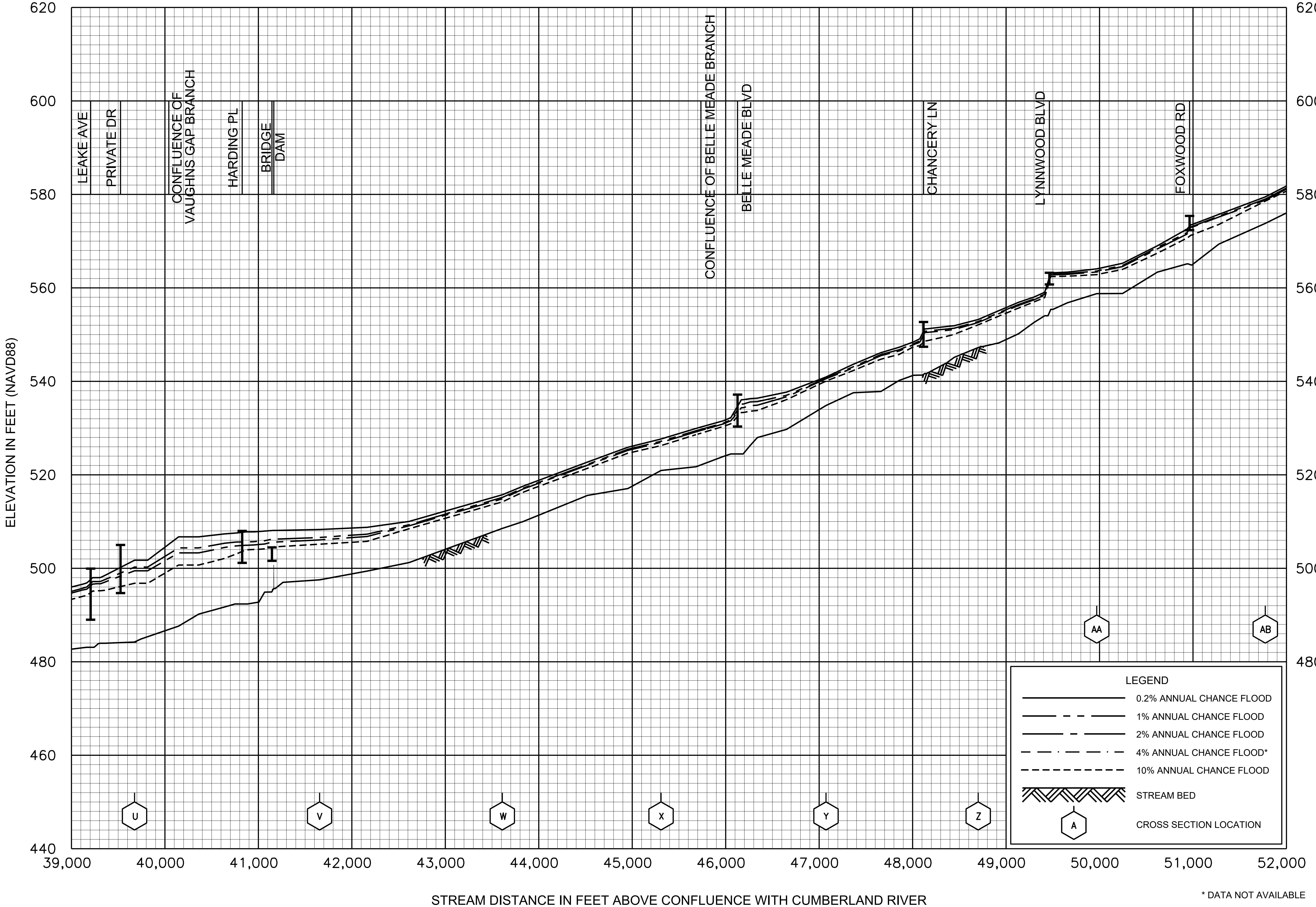
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

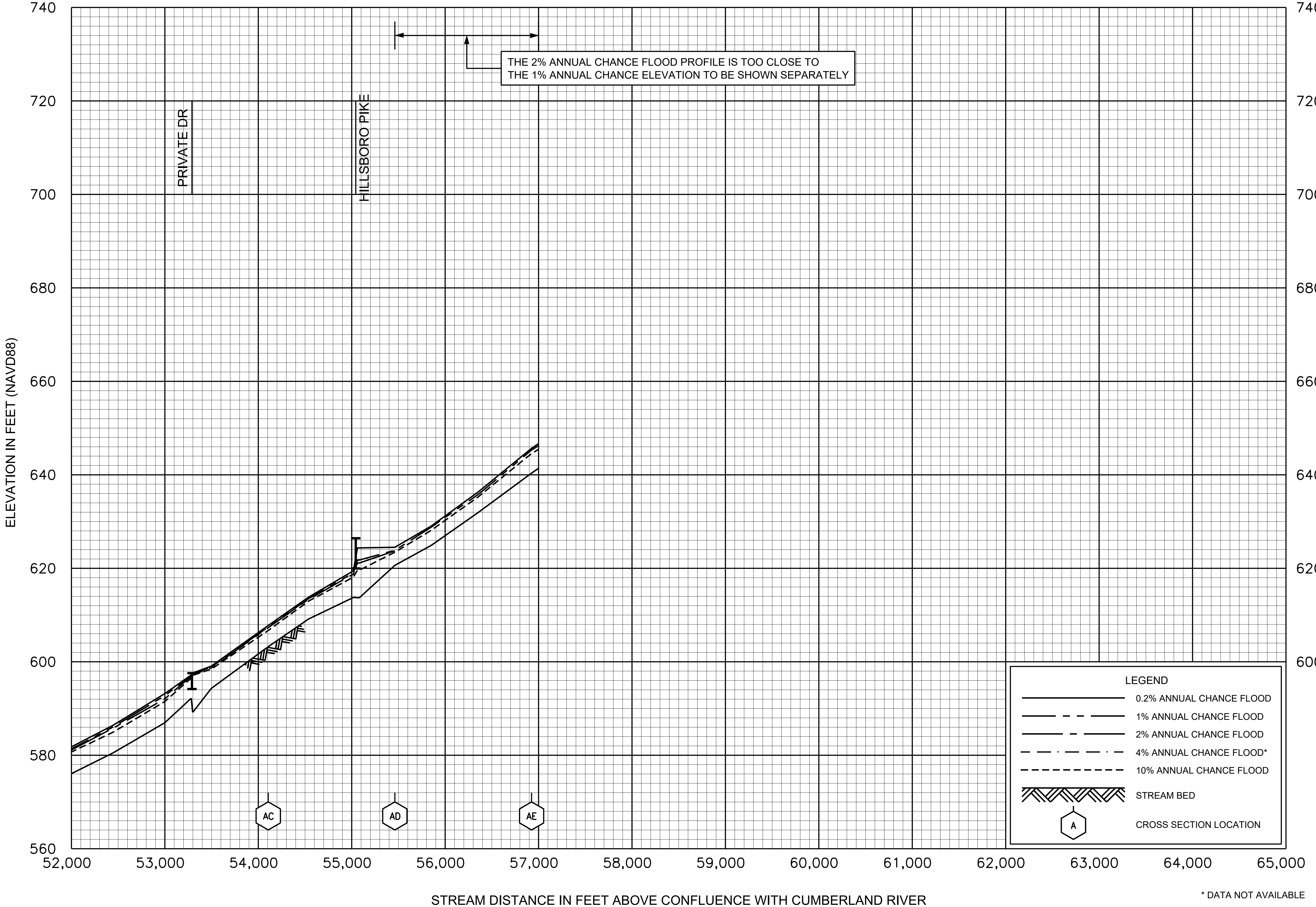


FLOOD PROFILES

RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

271P



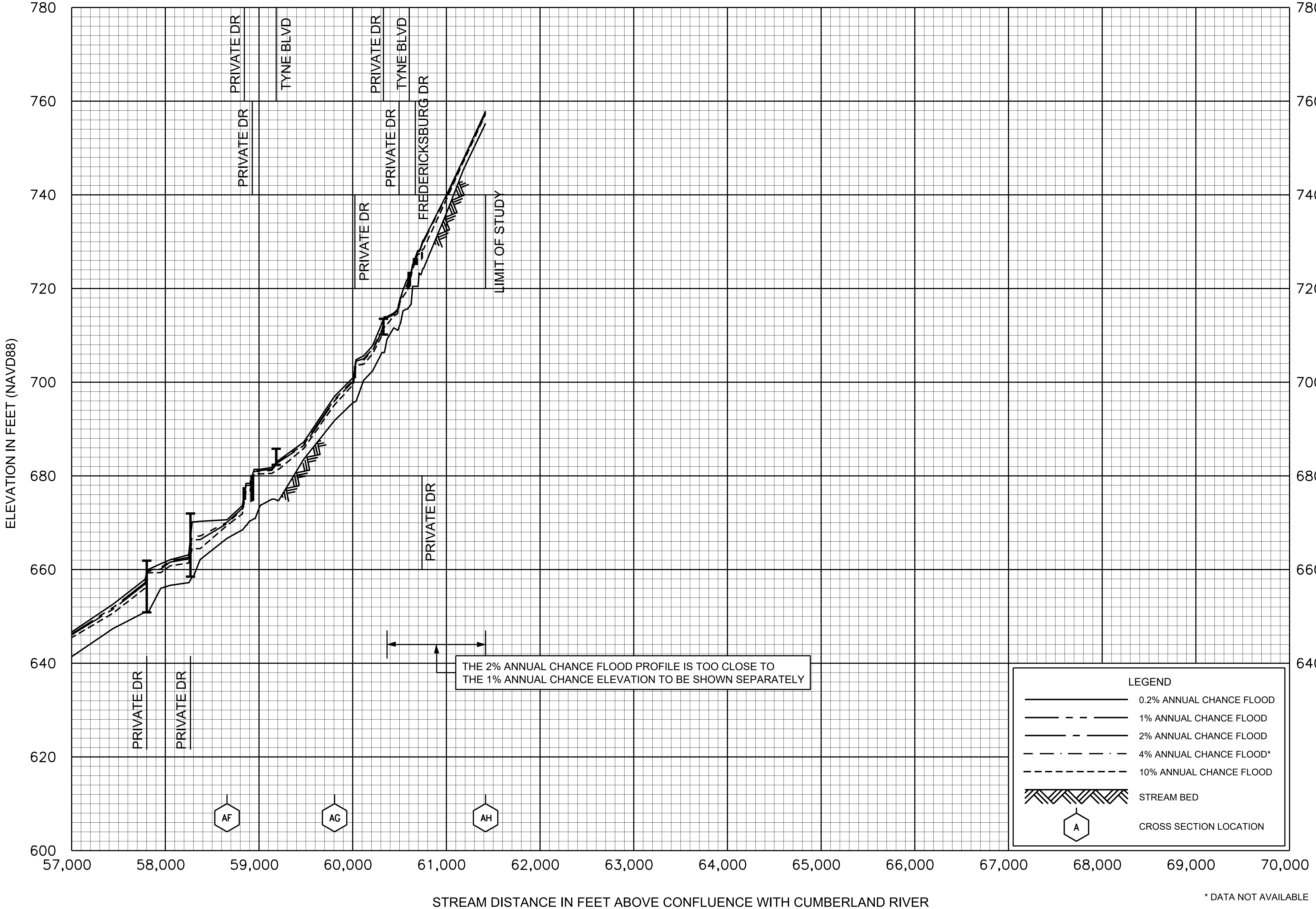
* DATA NOT AVAILABLE

FLOOD PROFILES

RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

272P



FLOOD PROFILES

RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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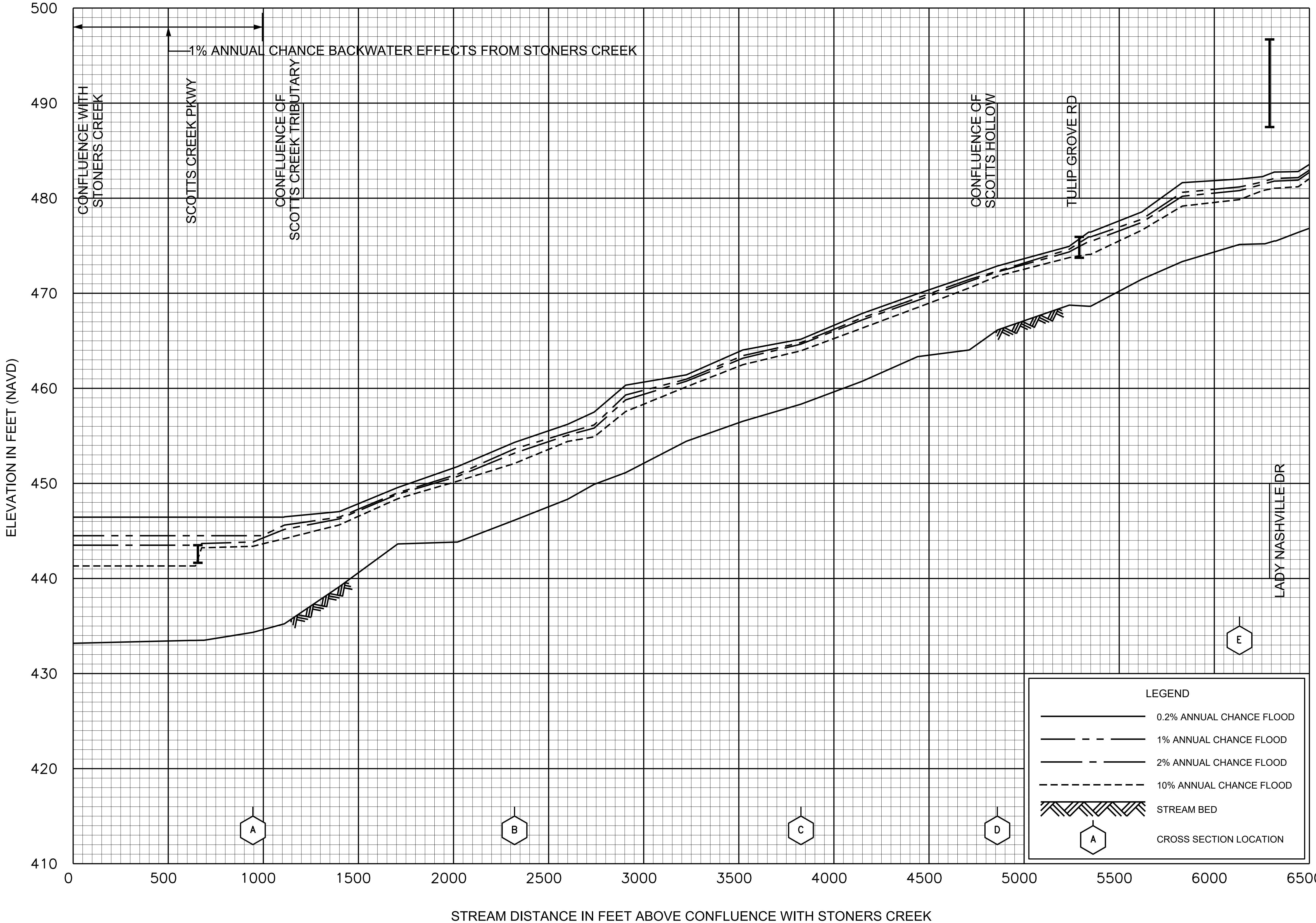
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

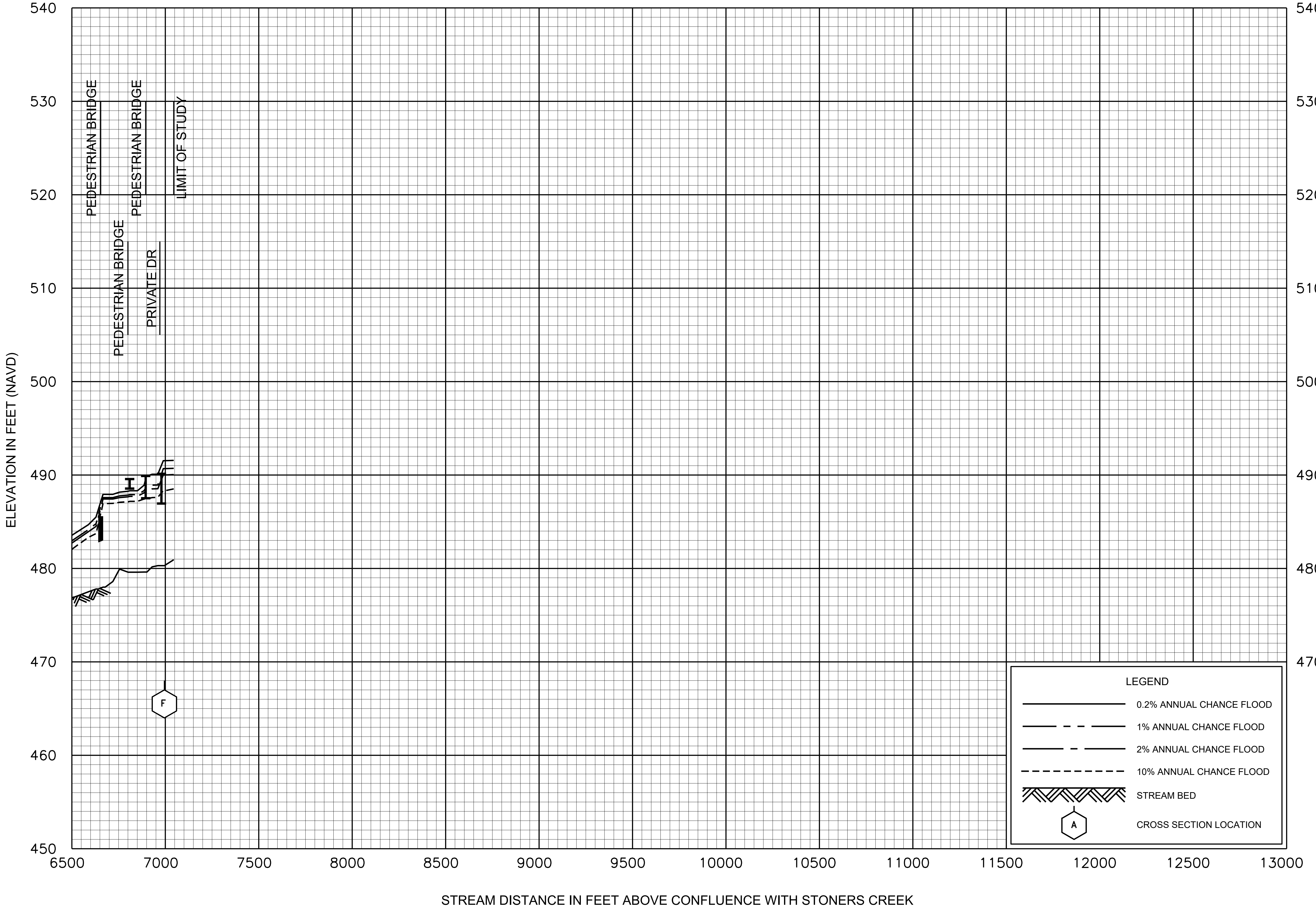


FLOOD PROFILES

SCOTTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

274P

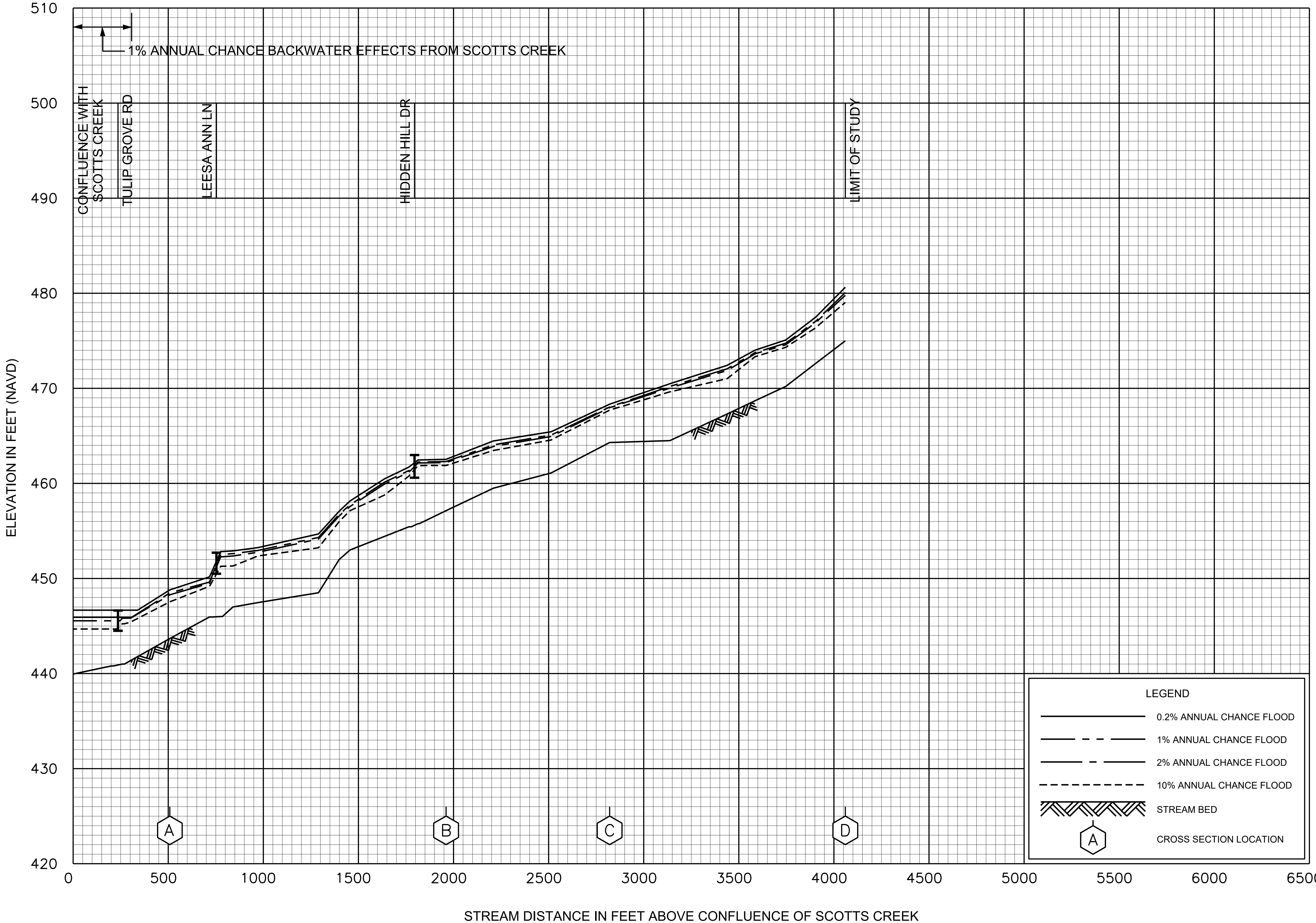


FLOOD PROFILES

SCOTTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

275P

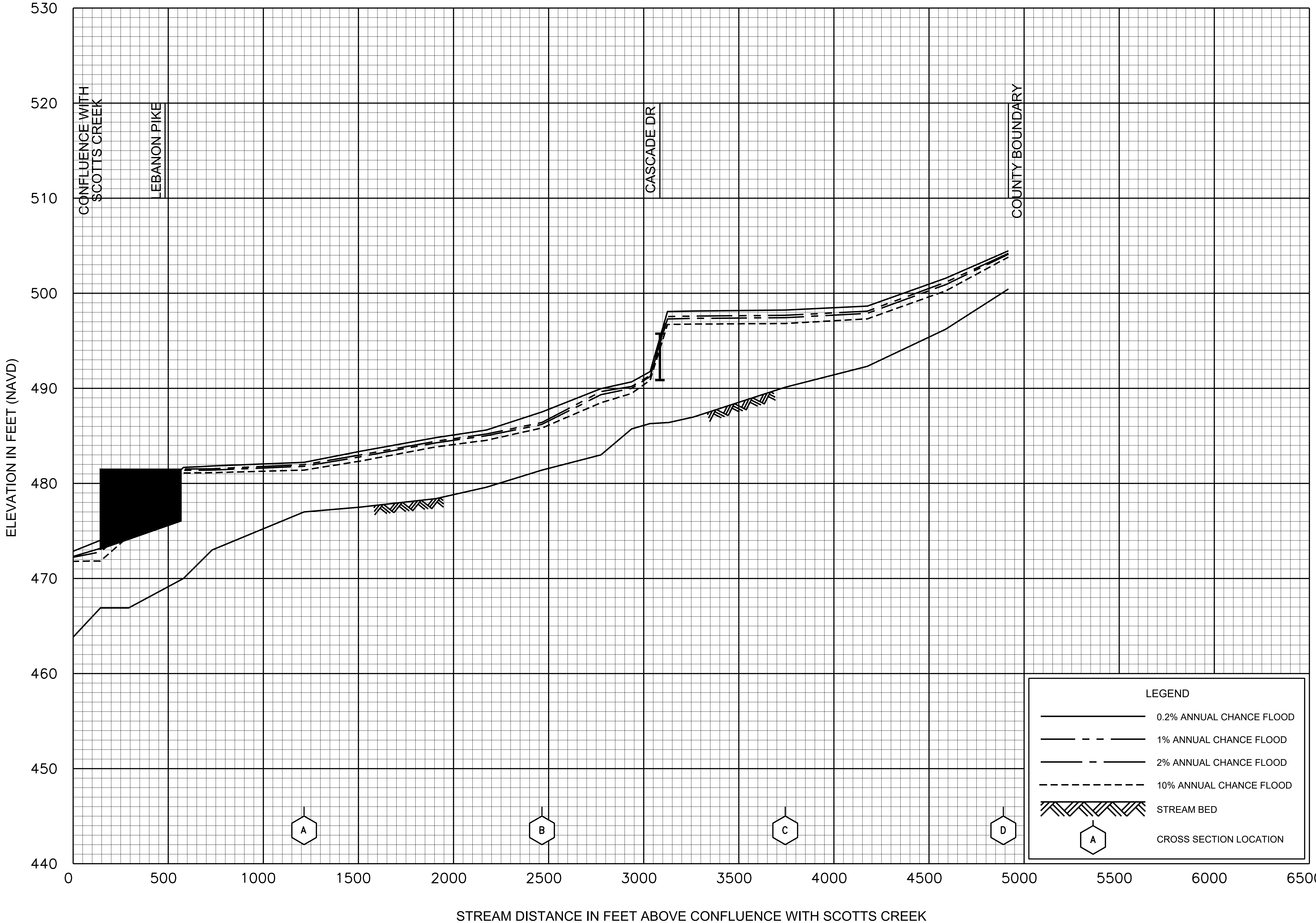


FLOOD PROFILES

SCOTTS CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

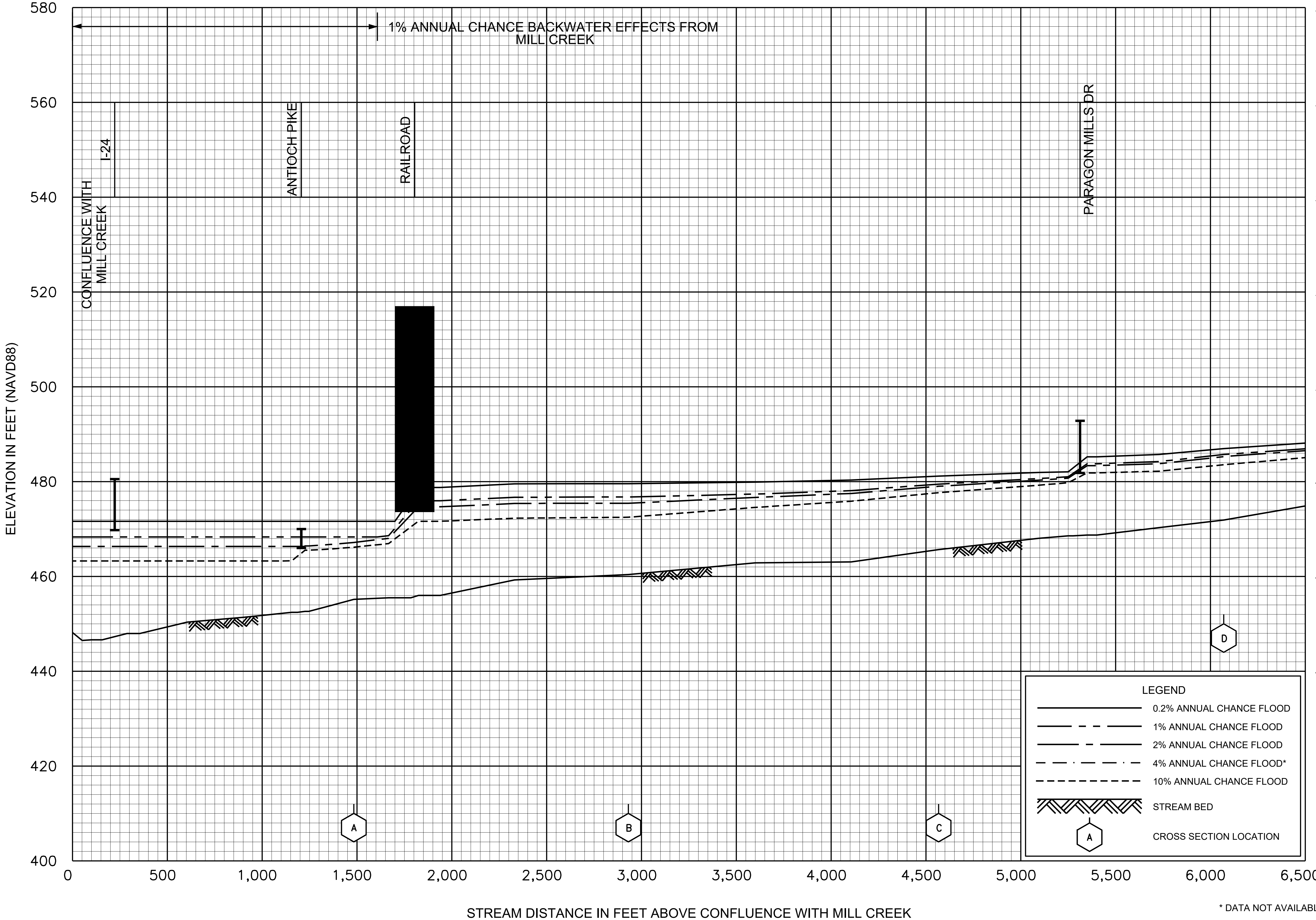
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

SCOTTS HOLLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

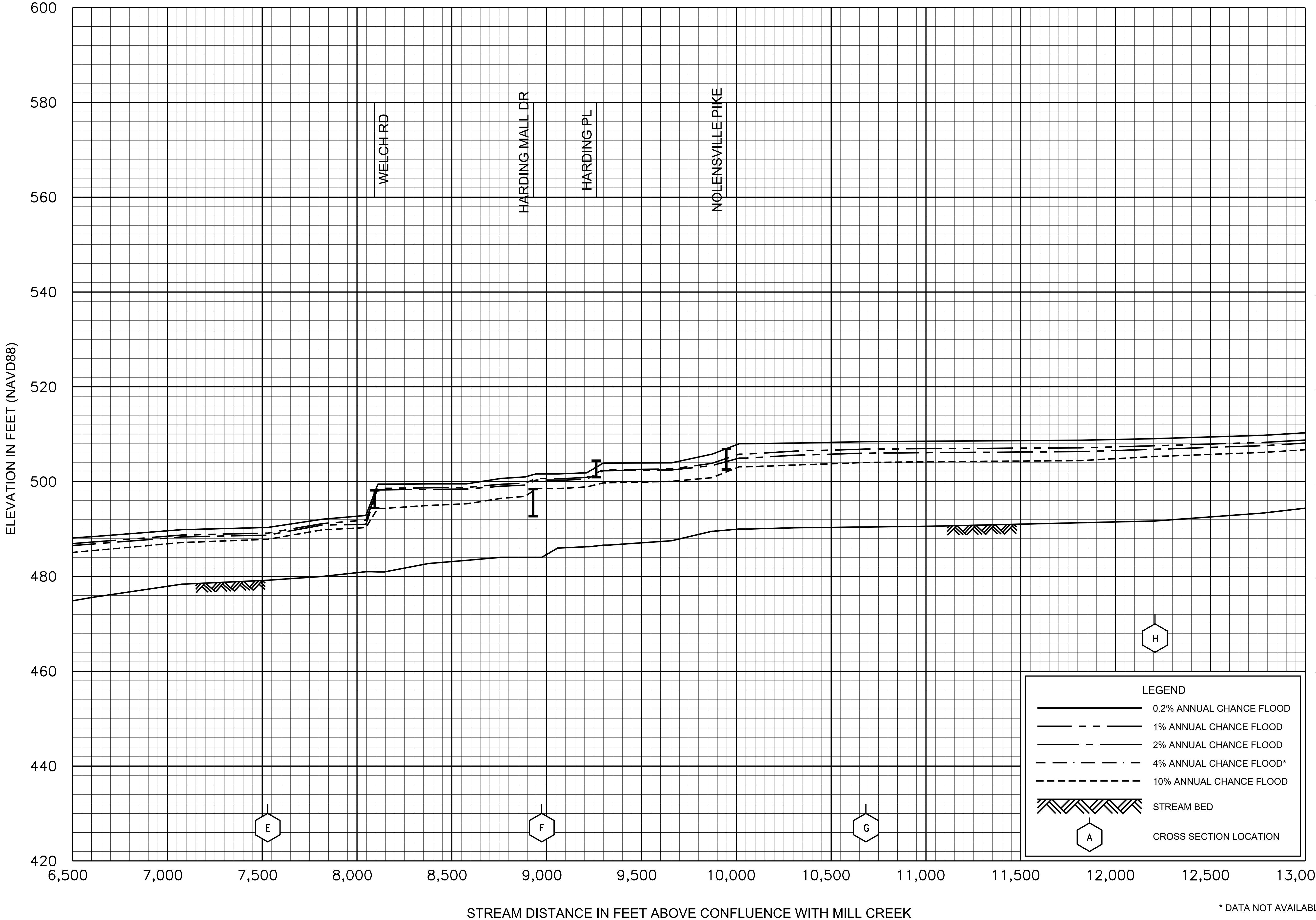


* DATA NOT AVAILABLE

FLOOD PROFILES

SEVENMILE CREEK

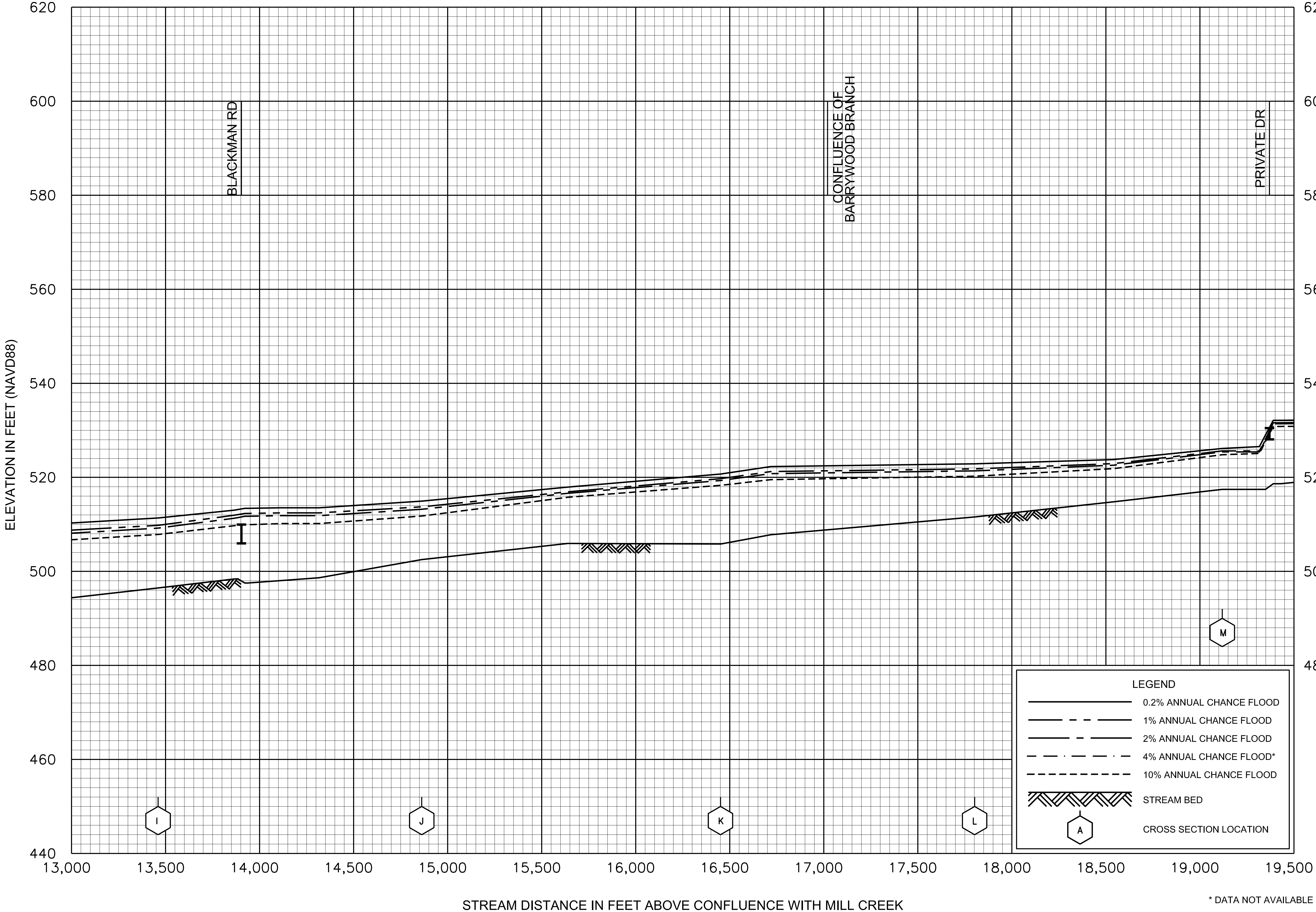
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

SEVENMILE CREEK

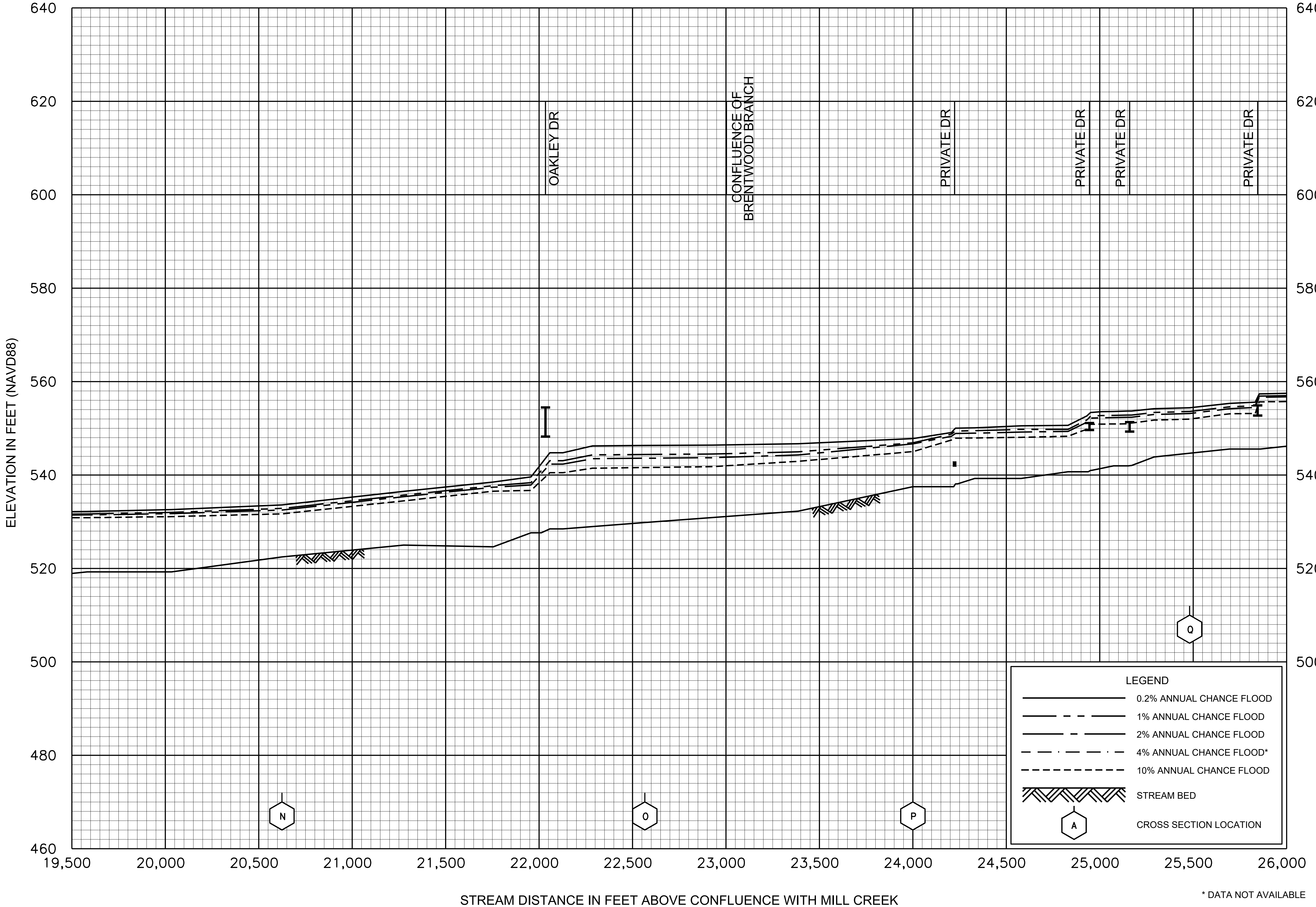
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

SEVENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



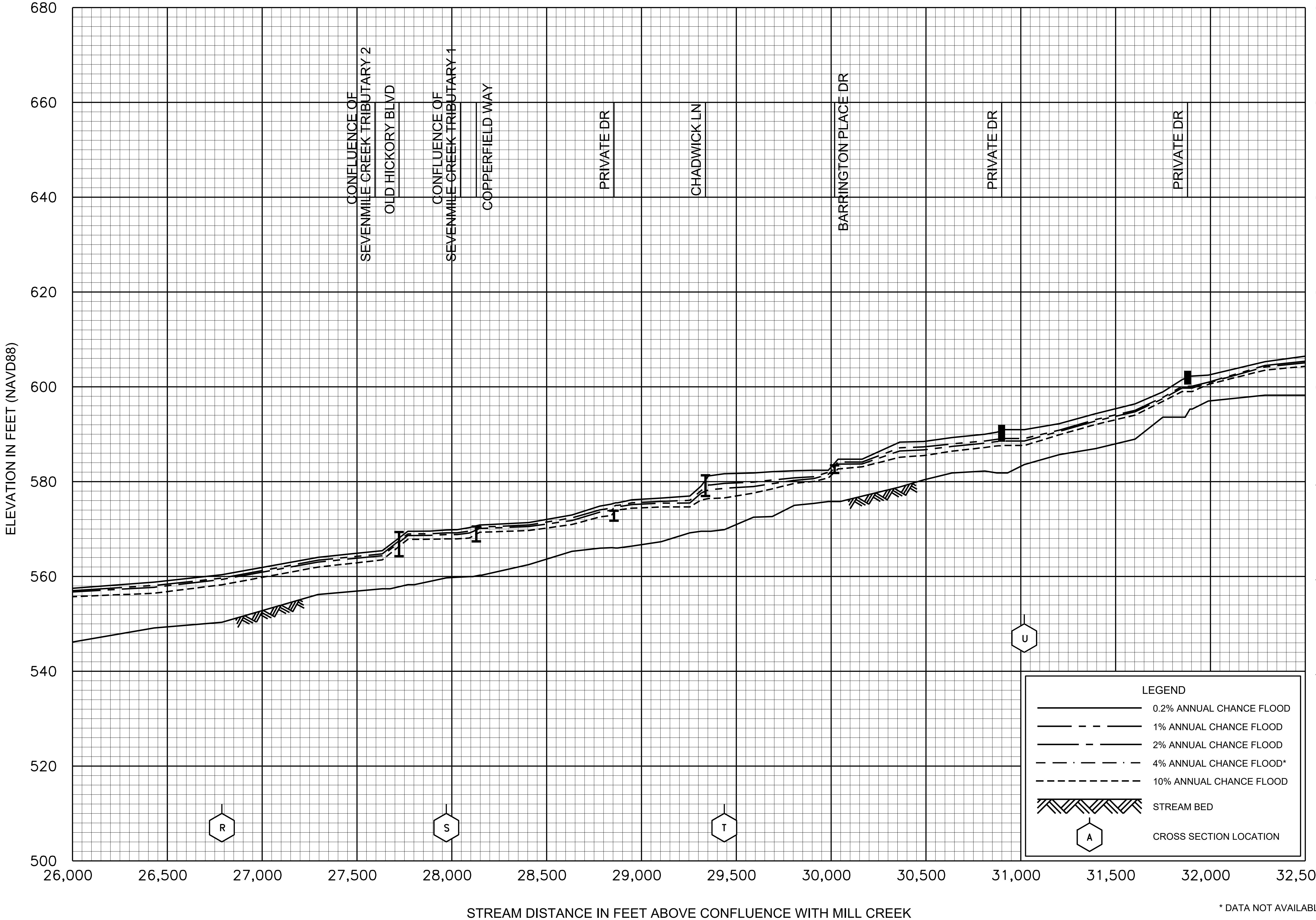
FLOOD PROFILES

SEVENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

281P



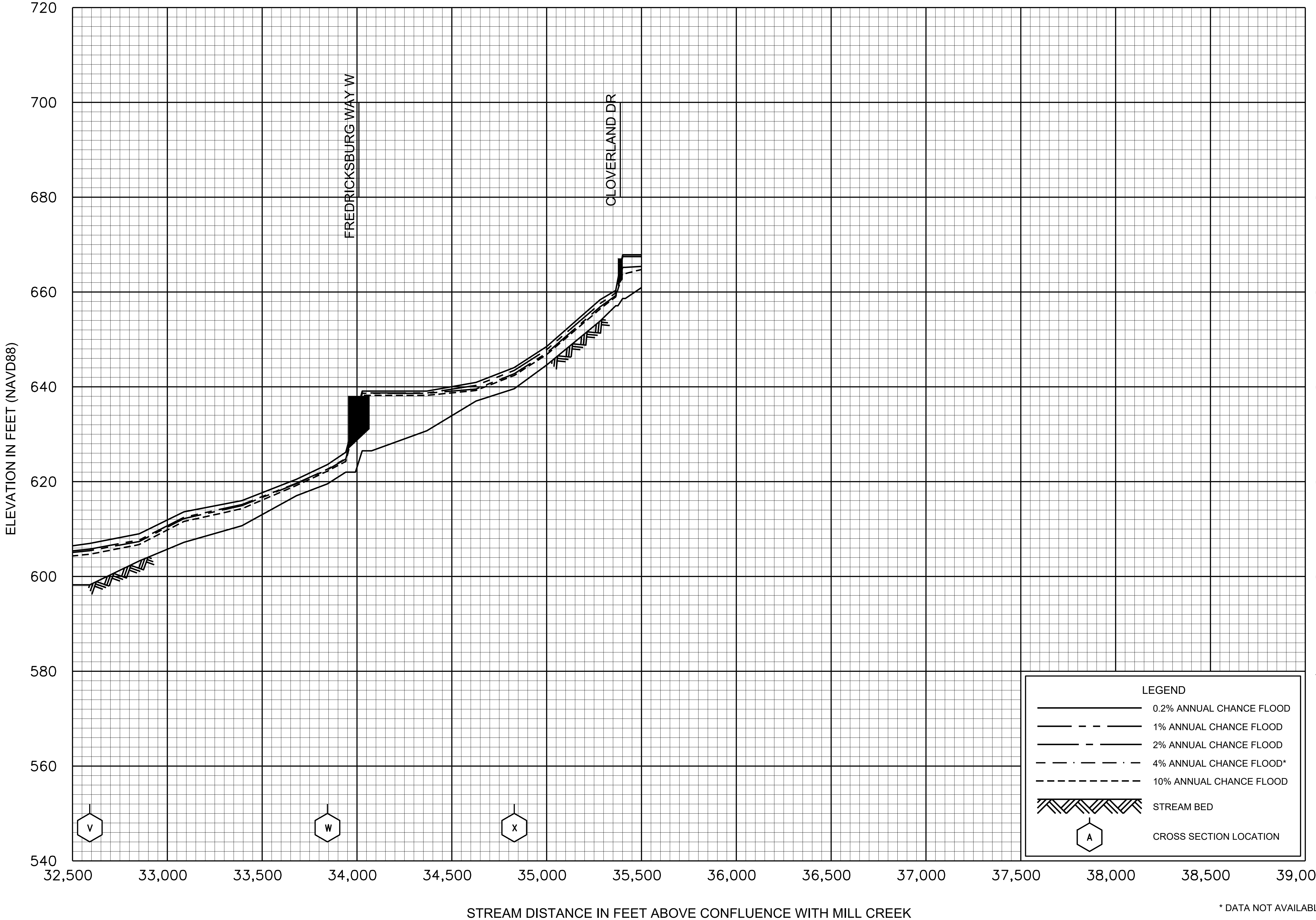
* DATA NOT AVAILABLE

FLOOD PROFILES

SEVENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

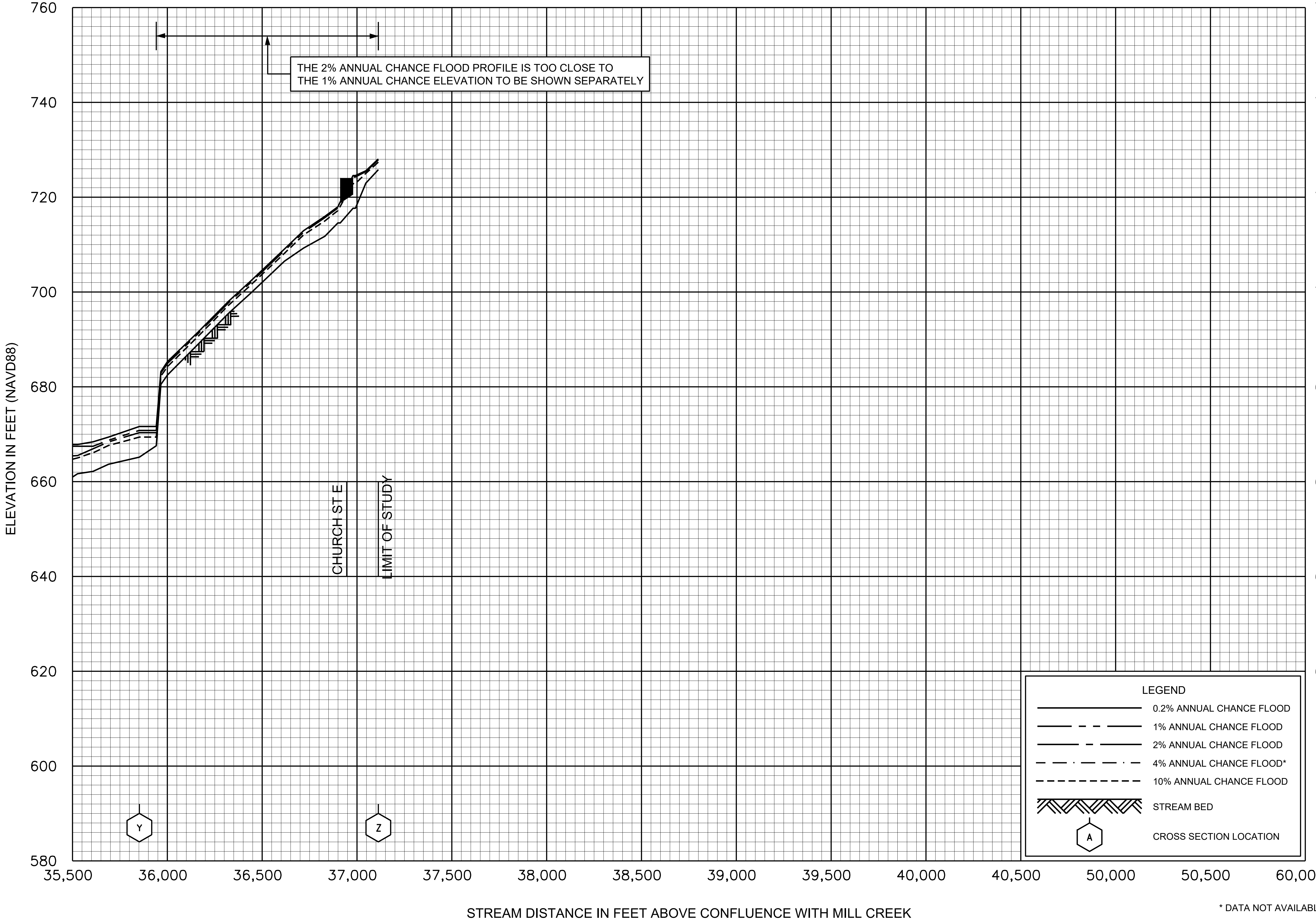


FLOOD PROFILES

SEVENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

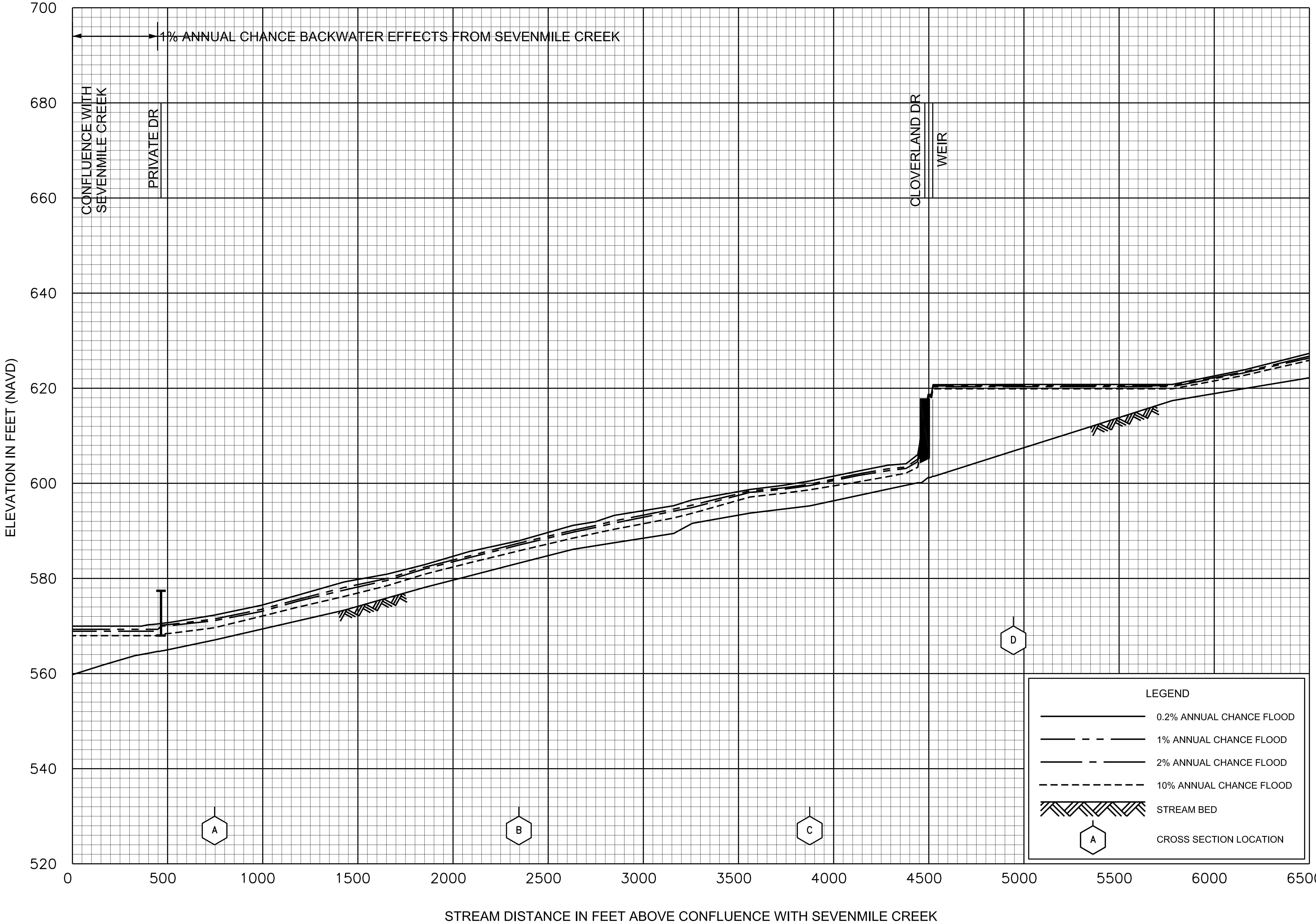
283P



FLOOD PROFILES

SEVENMILE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

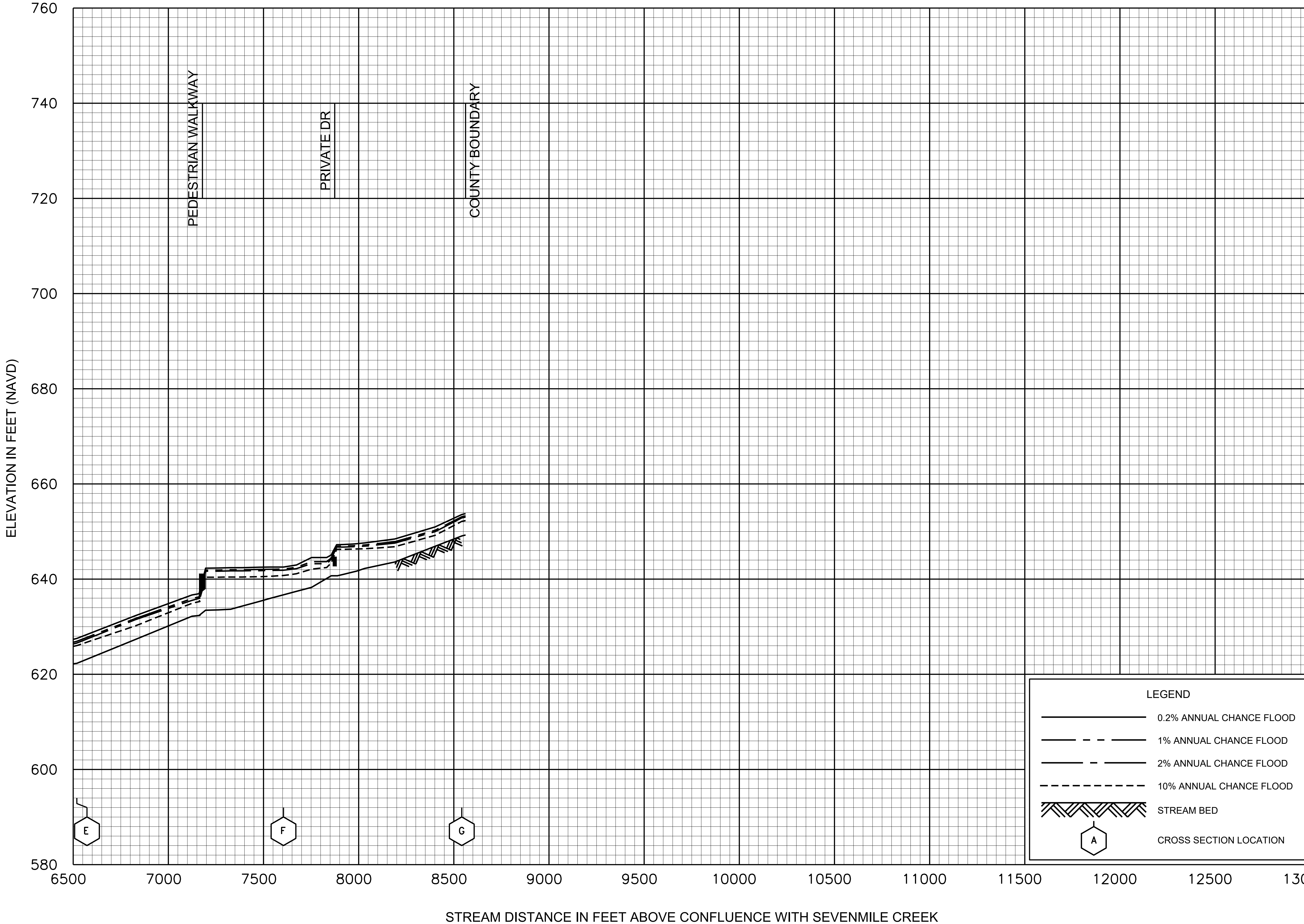


FLOOD PROFILES

SEVENMILE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

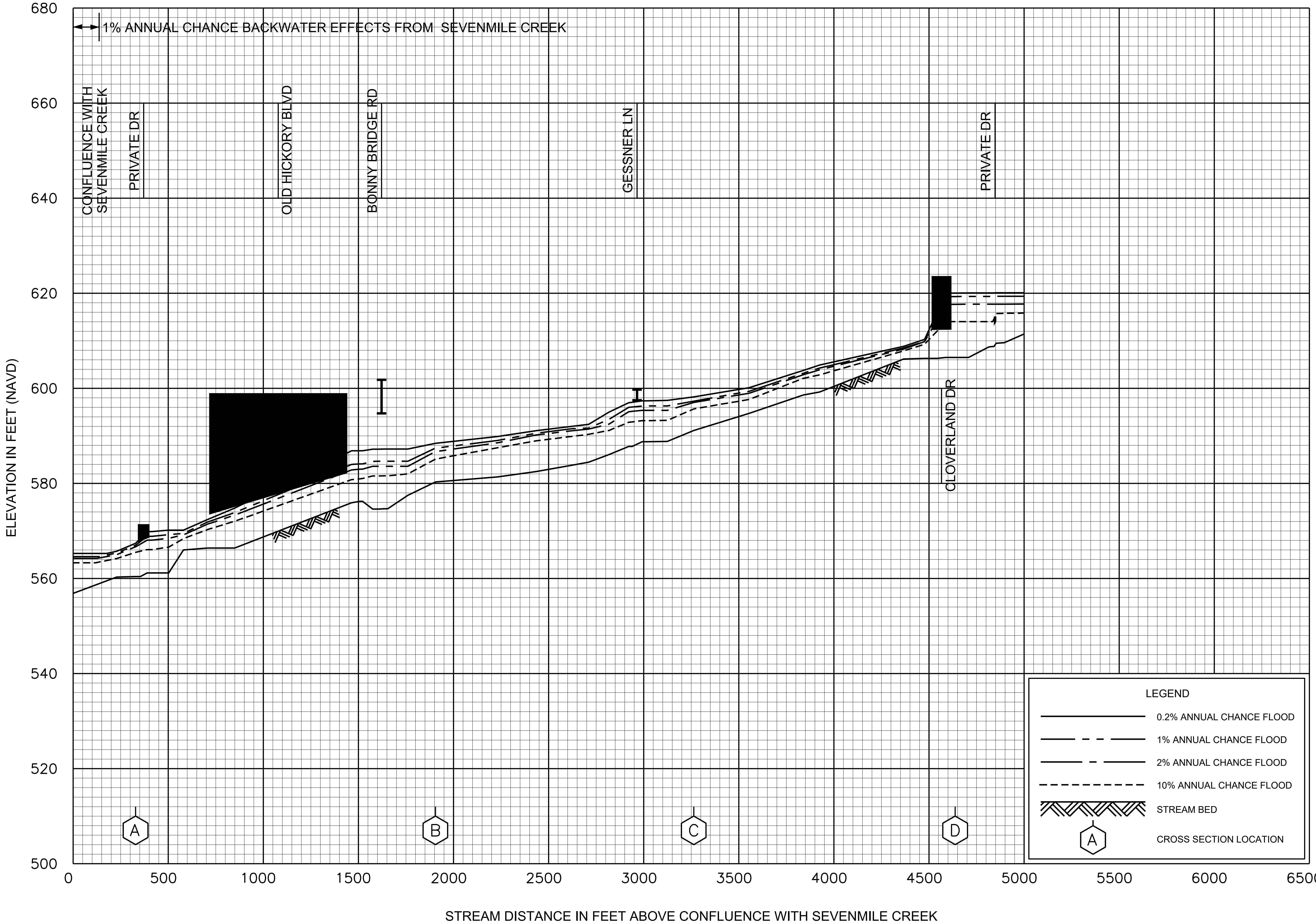


FLOOD PROFILES

SEVENMILE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

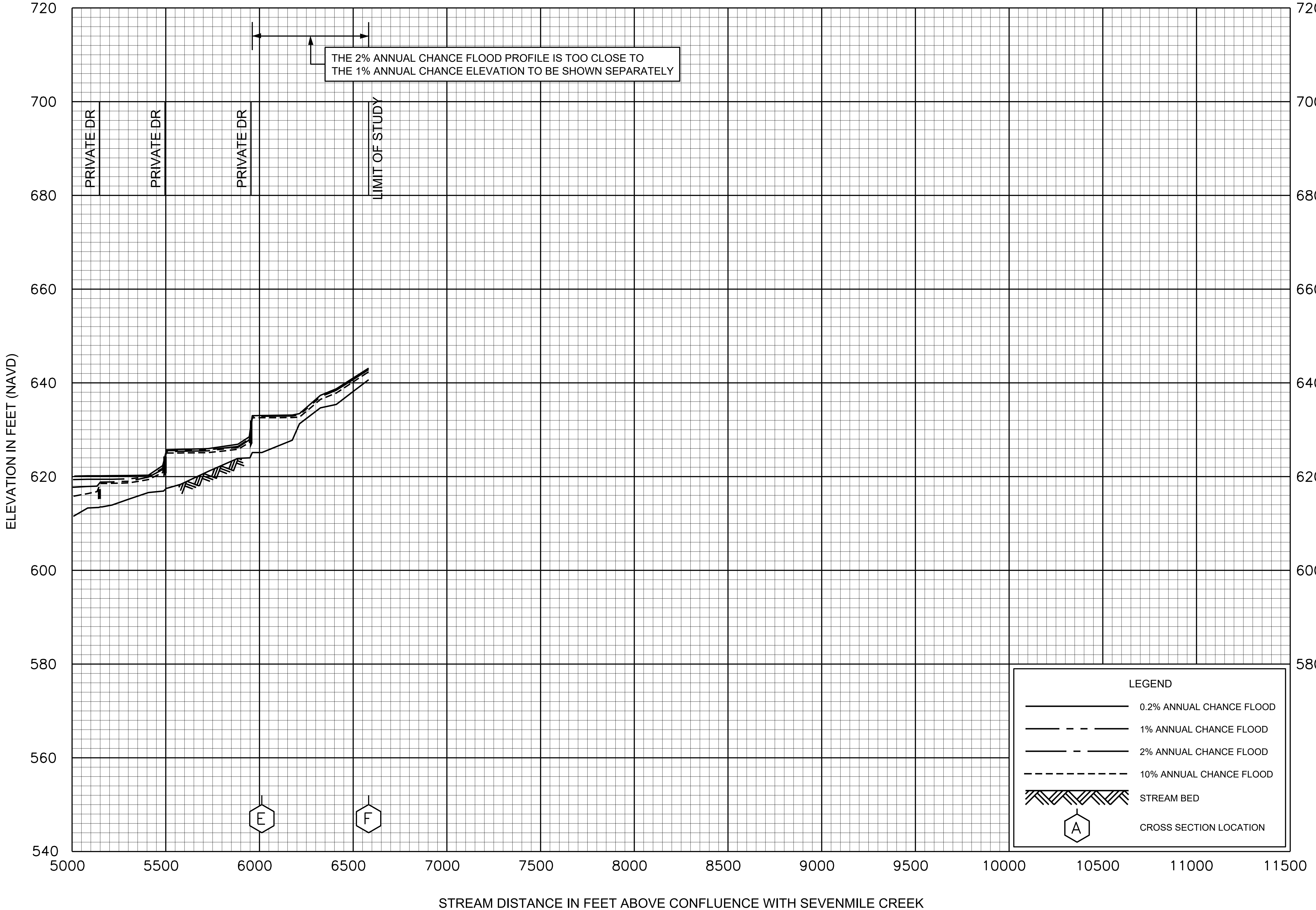
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

SEVENMILE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

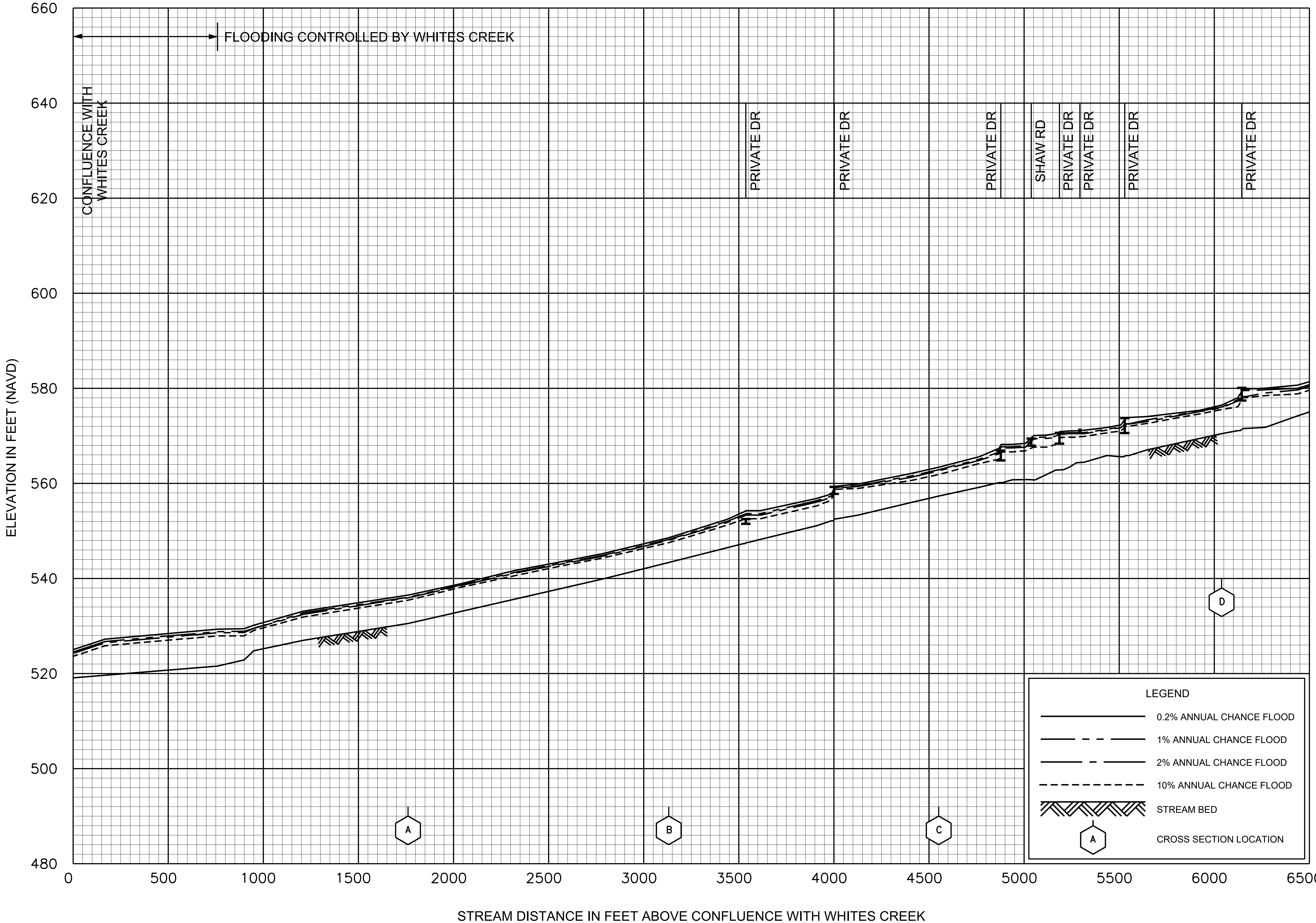


FLOOD PROFILES

SEVENMILE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

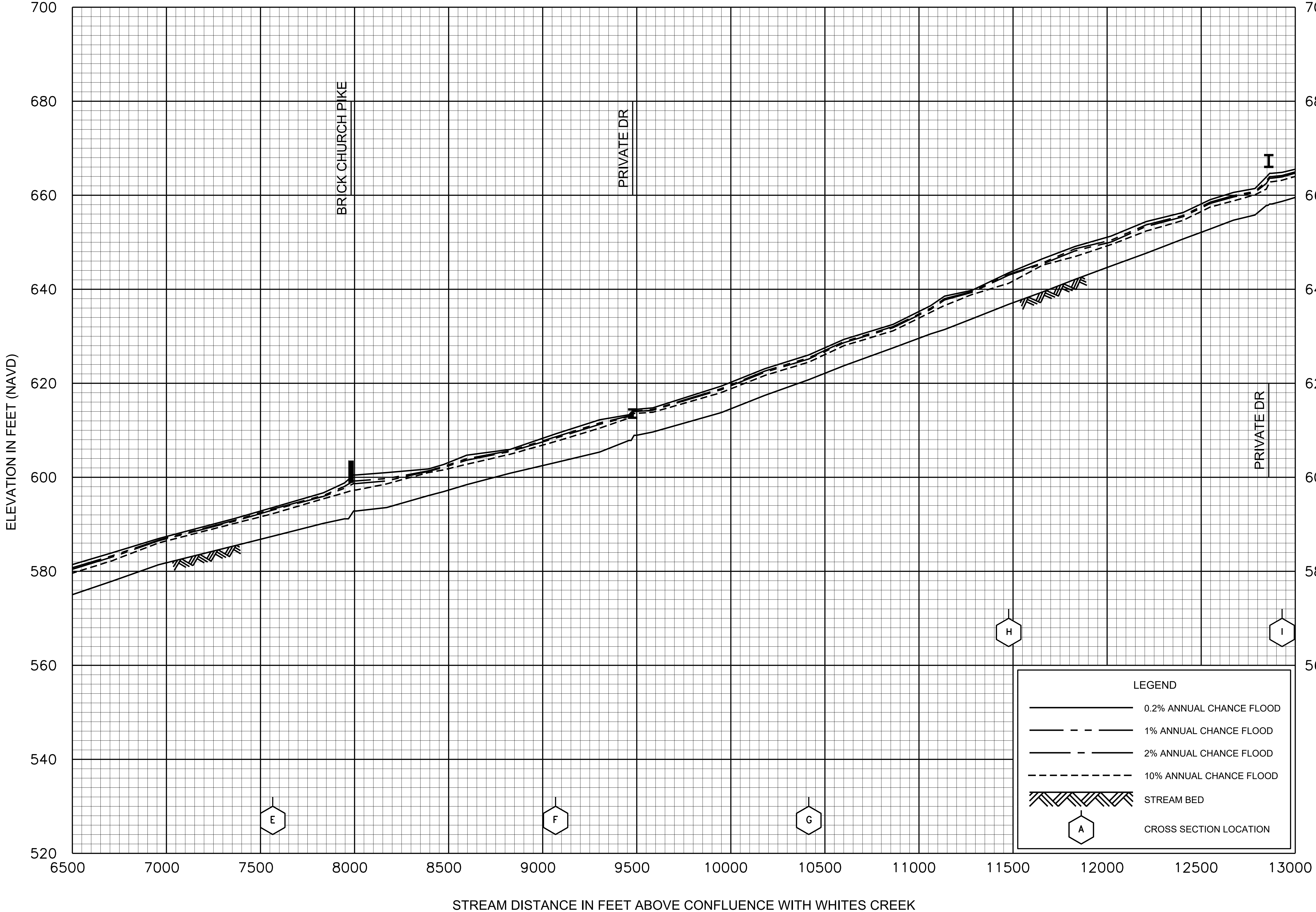
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

SHAW BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

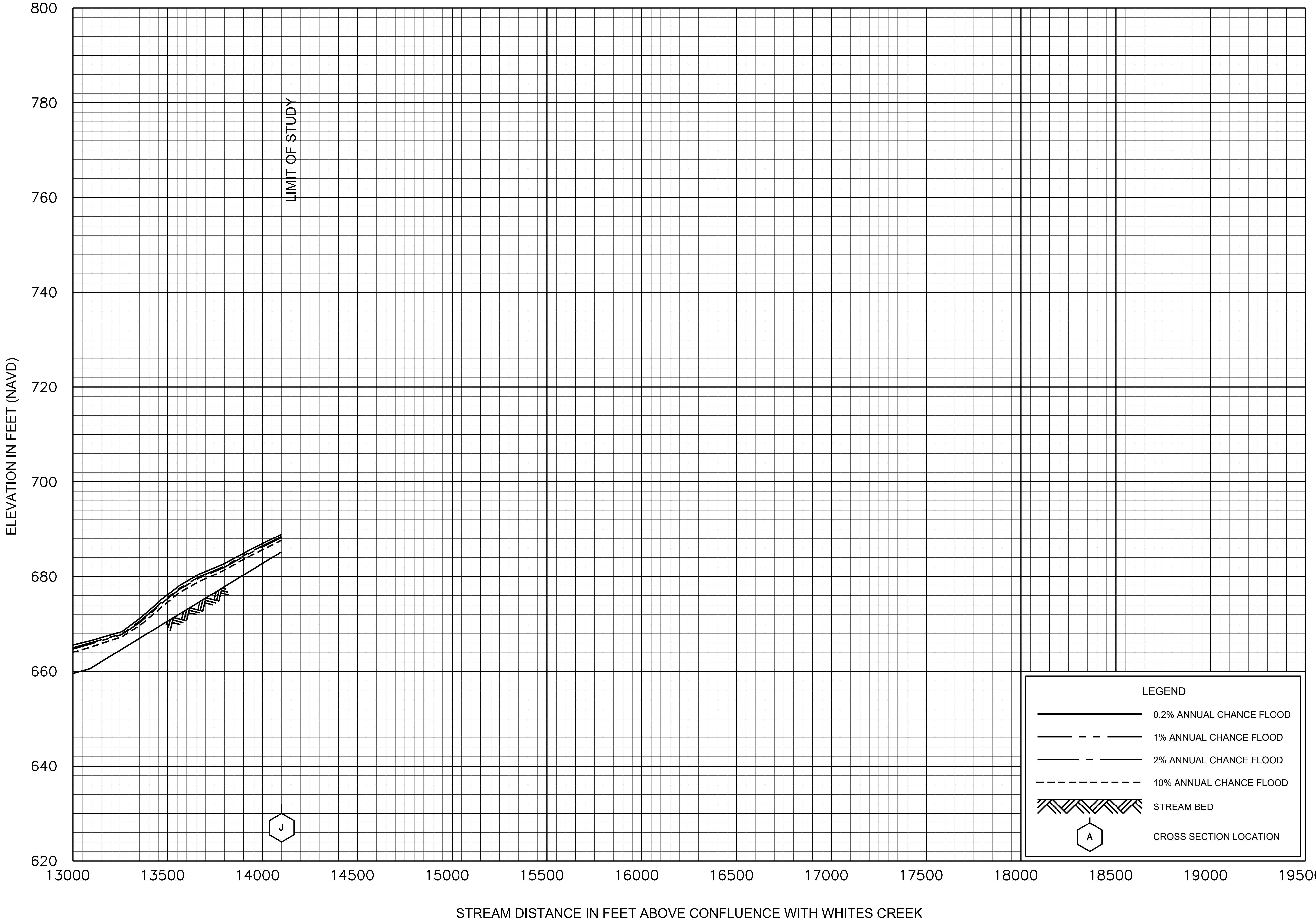


FLOOD PROFILES

SHAW BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

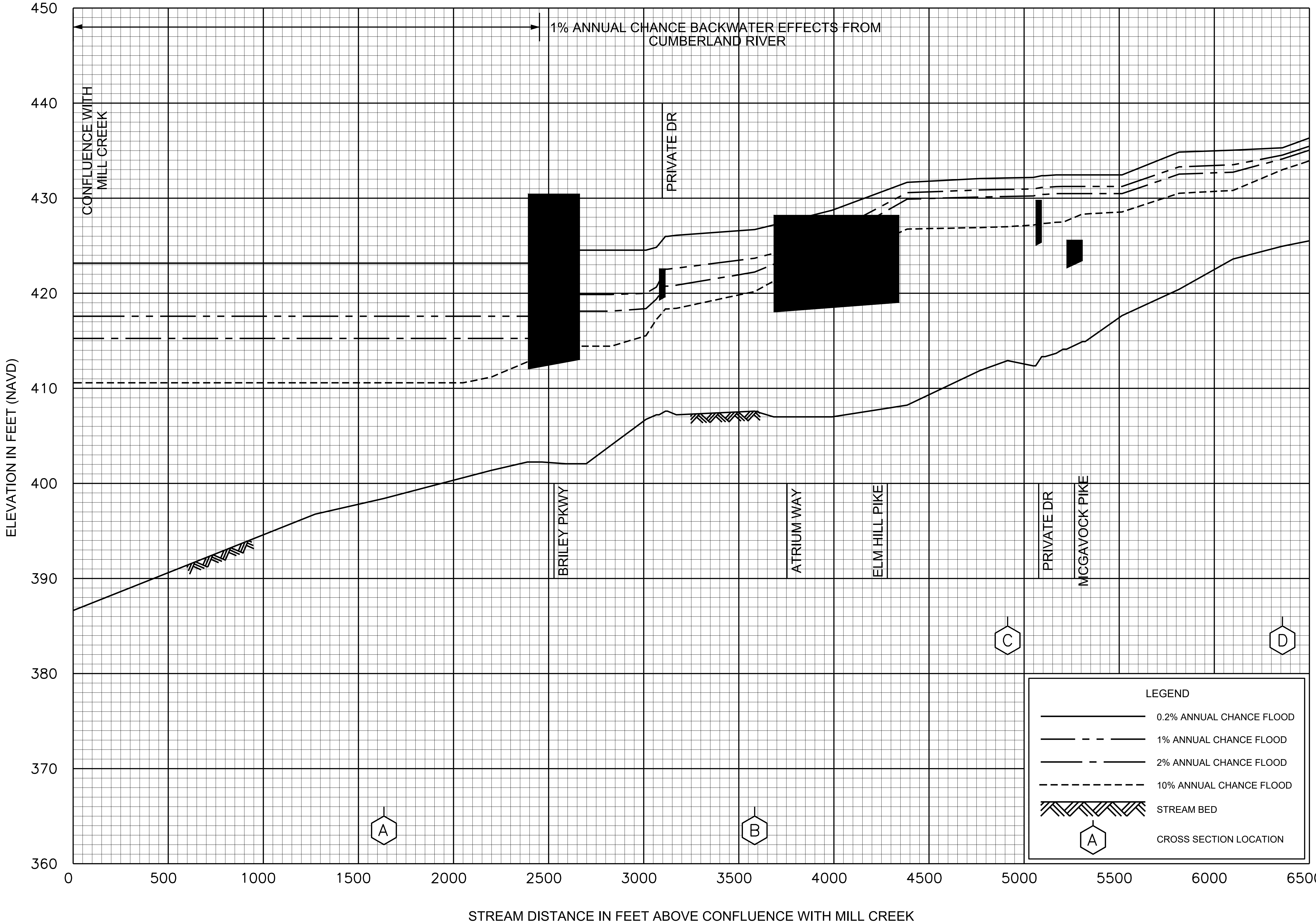


FLOOD PROFILES

SHAW BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

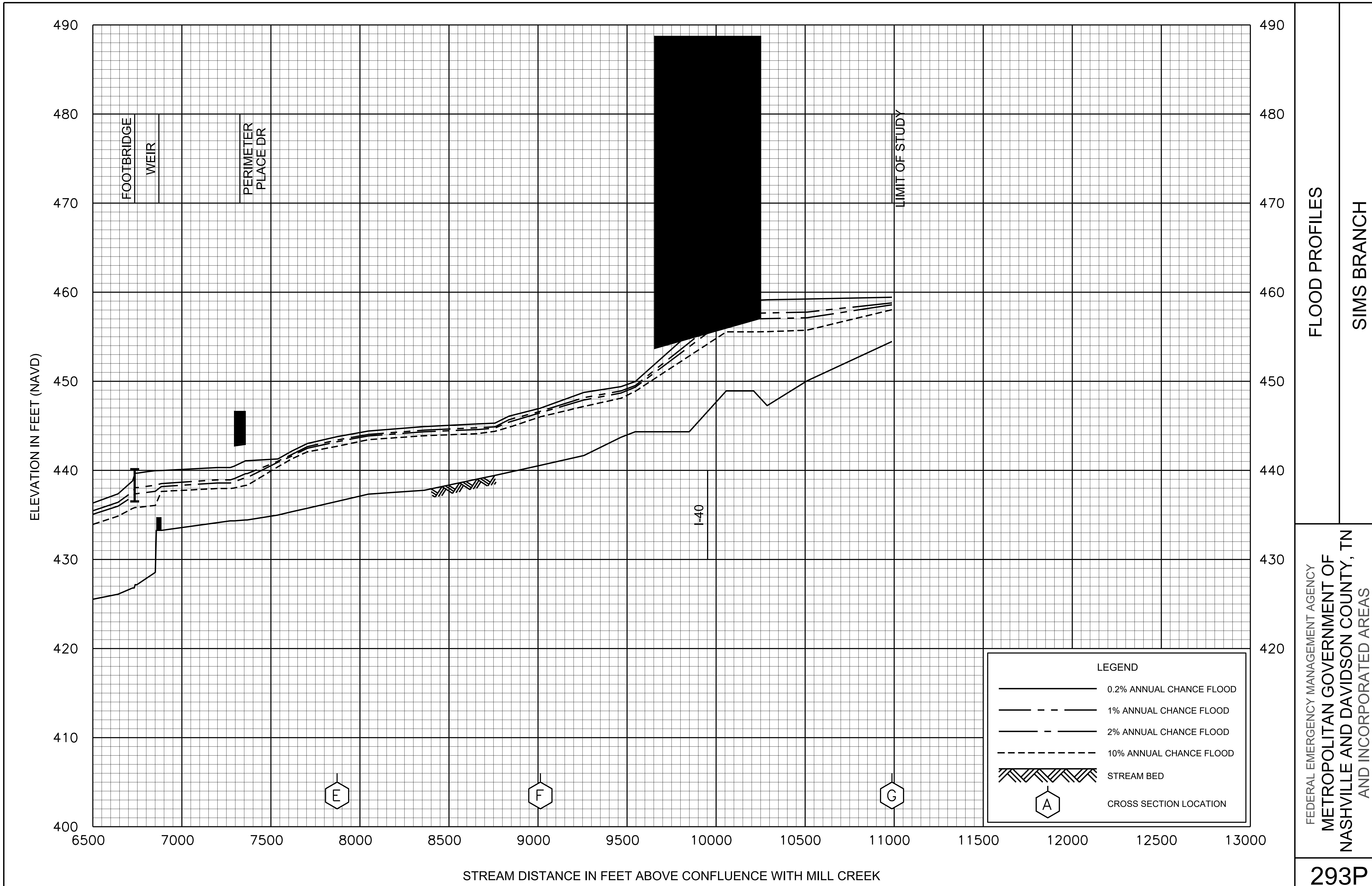
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

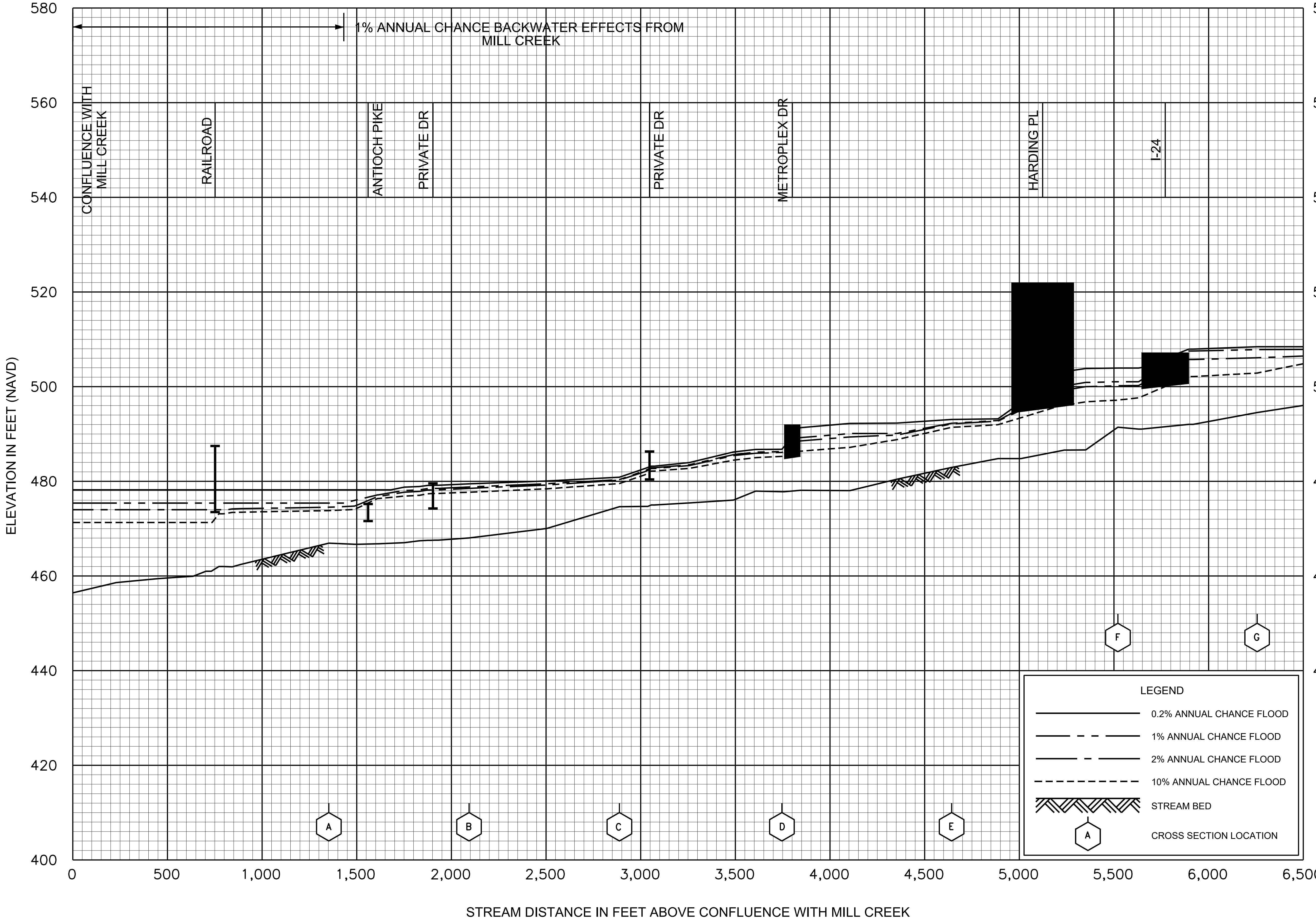


FLOOD PROFILES

SIMS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS


FOOTBRIDGE
WEIR
PERIMETER PLACE DR
LIMIT OF STUDY
I-40
ELEVATION IN FEET (NAVD)
490
480
470
460
450
440
430
420
410
400
6500
7000
7500
8000
8500
9000
9500
10000
10500
11000
11500
12000
12500
13000
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH MILL CREEK
E
F
G
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
SIMS BRANCH
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS
293P



FLOOD PROFILES

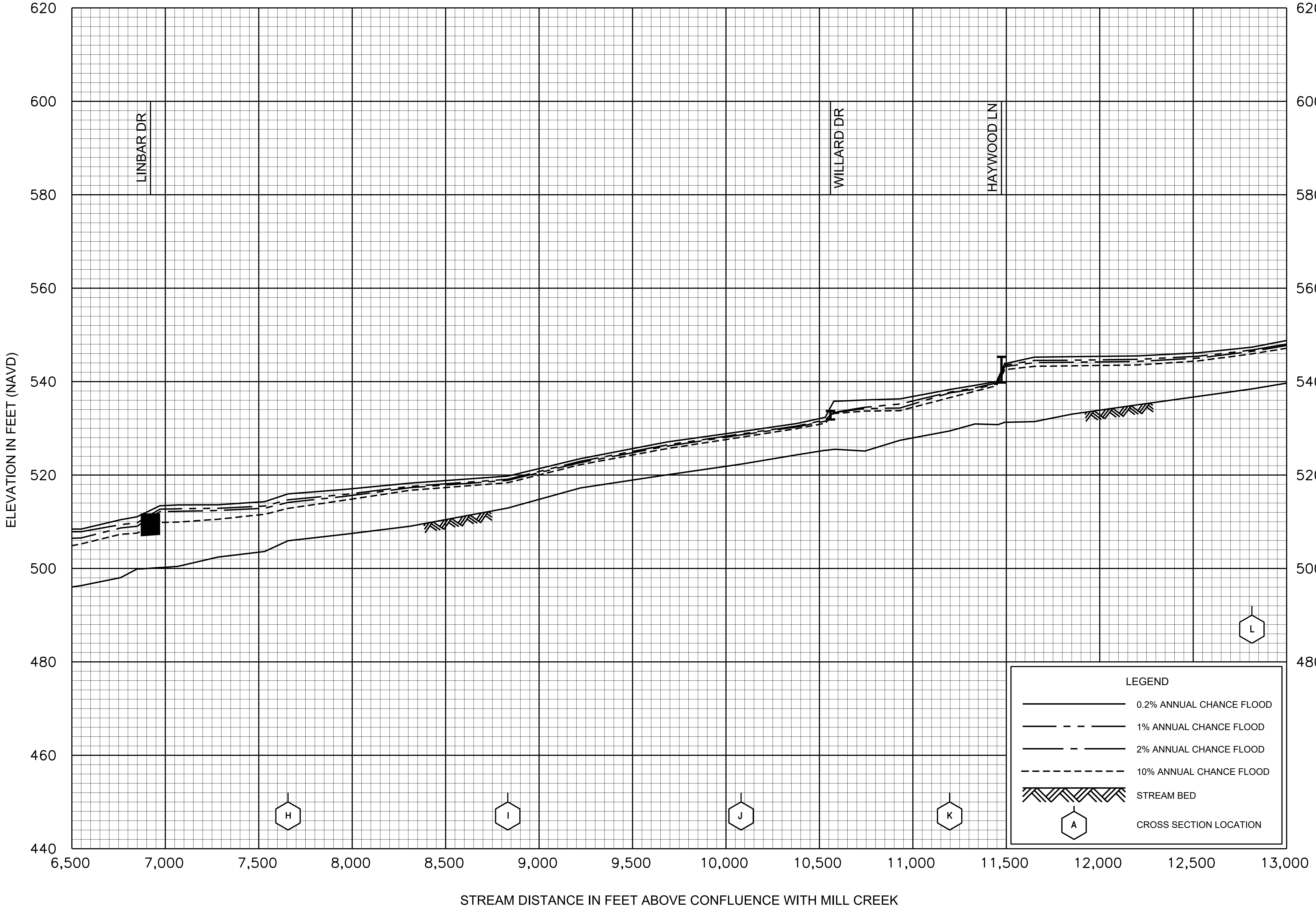
SORGHUM BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

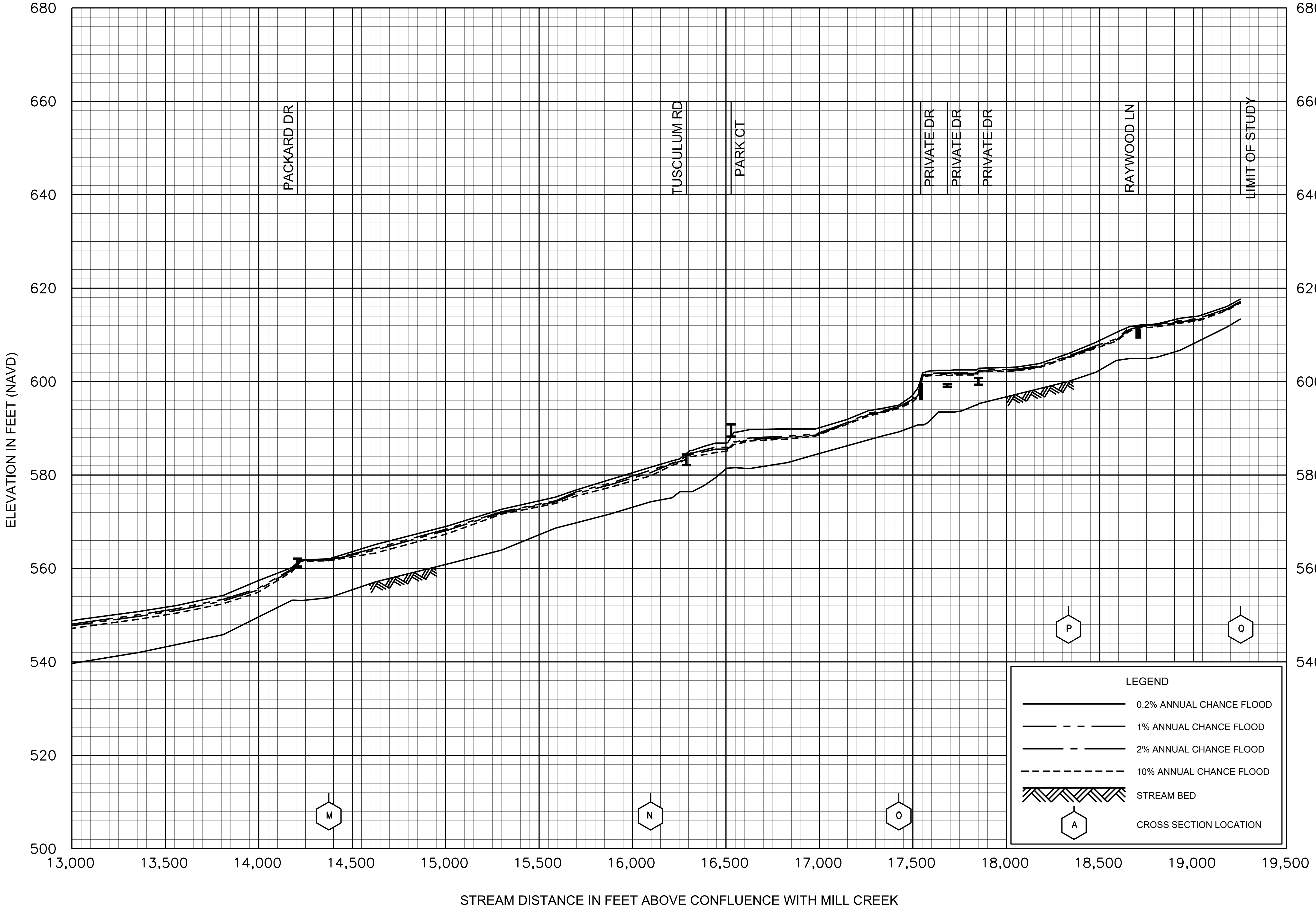
294P



FLOOD PROFILES

SORGHUM BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



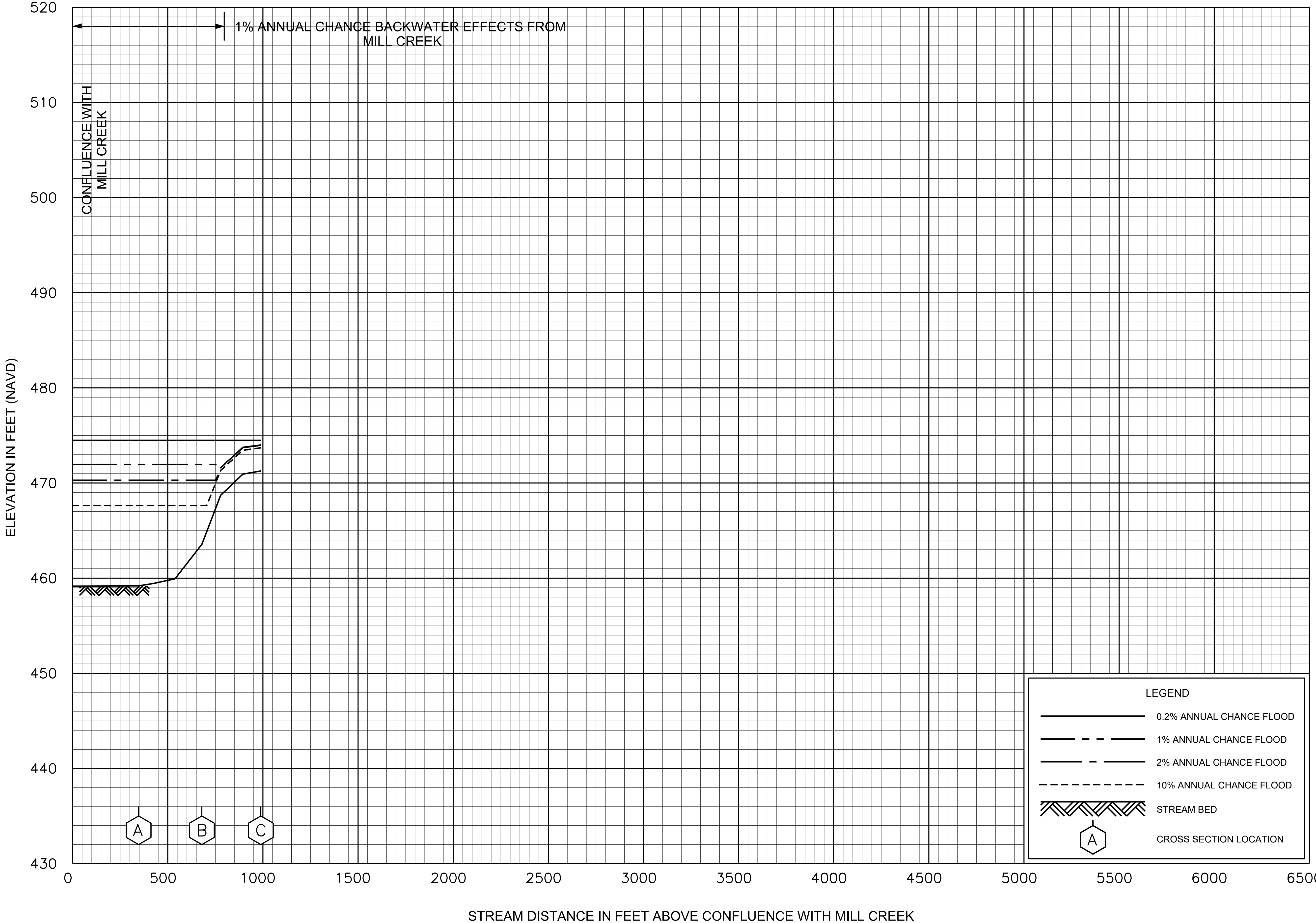
FLOOD PROFILES

SORGHUM BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

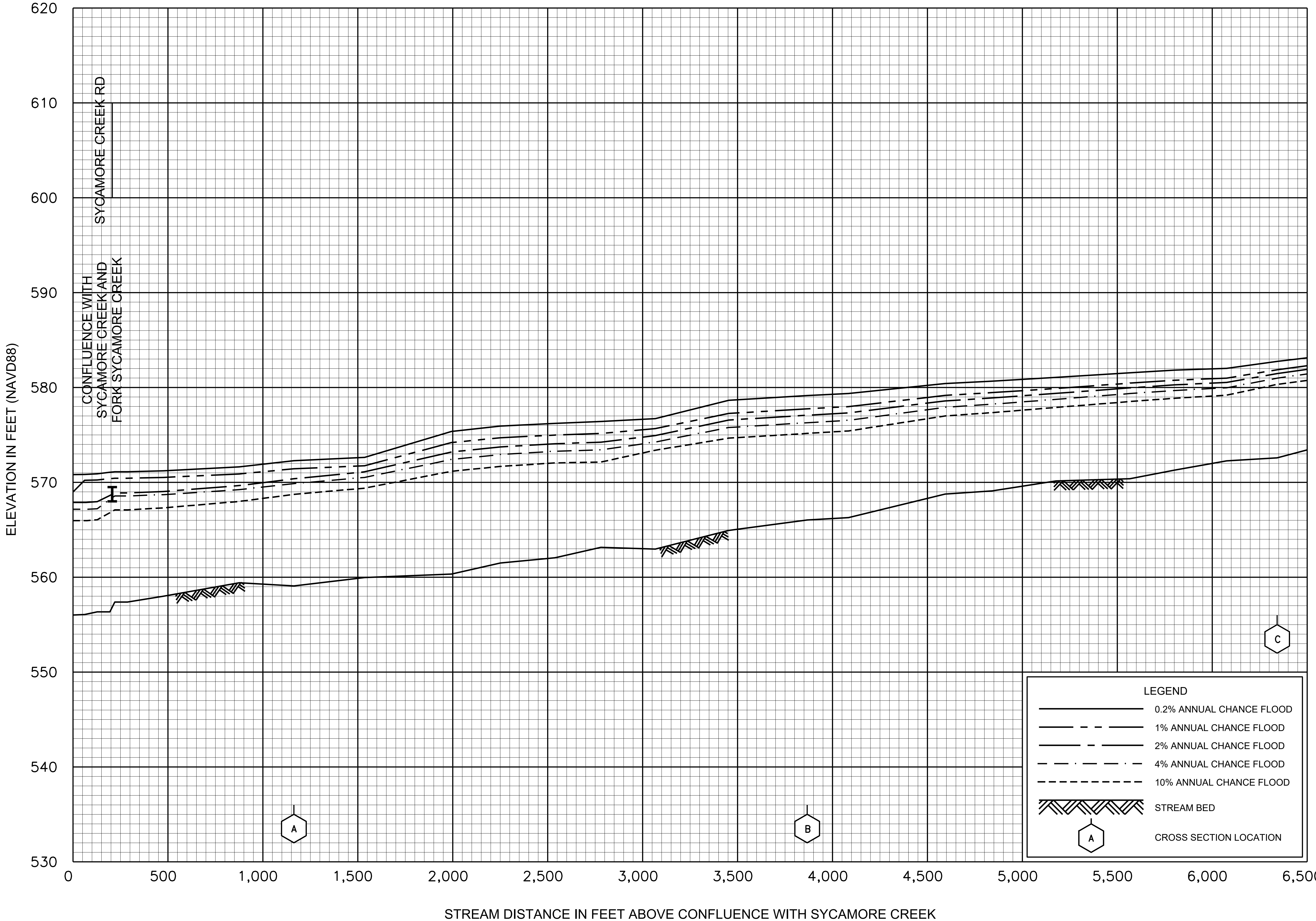
AND INCORPORATED AREAS



FLOOD PROFILES

SORGHUM BRANCH OVERFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

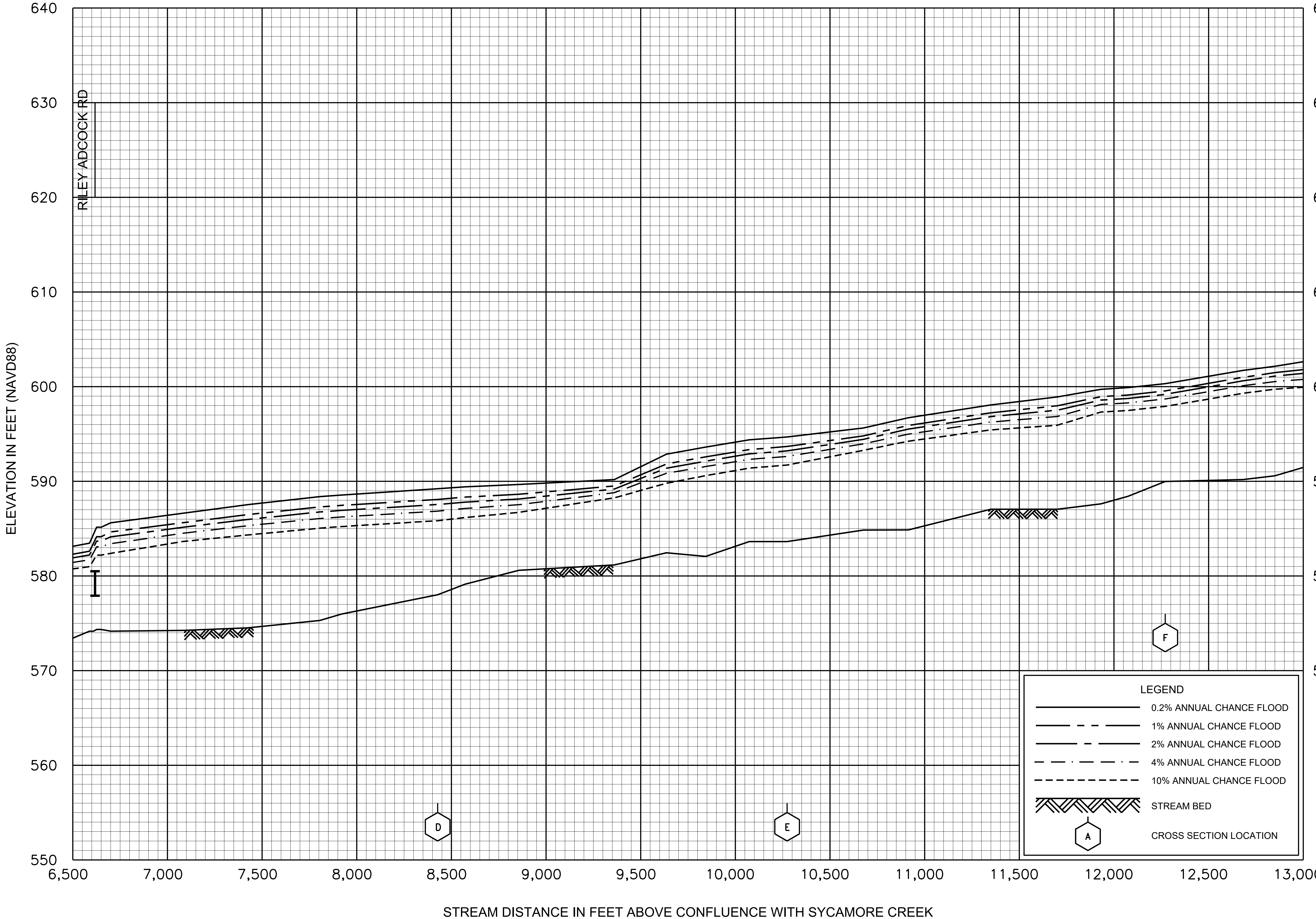


FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

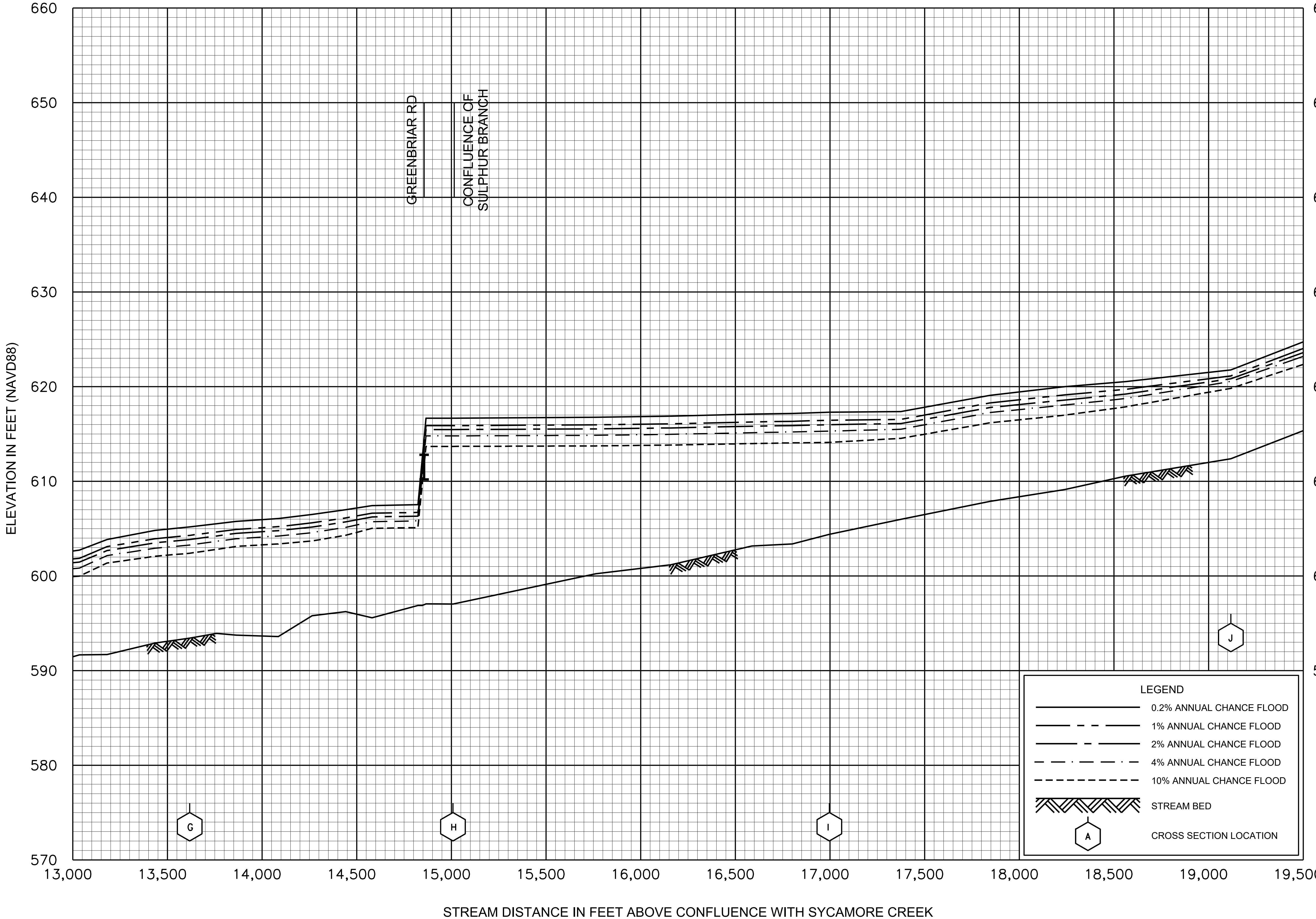
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK

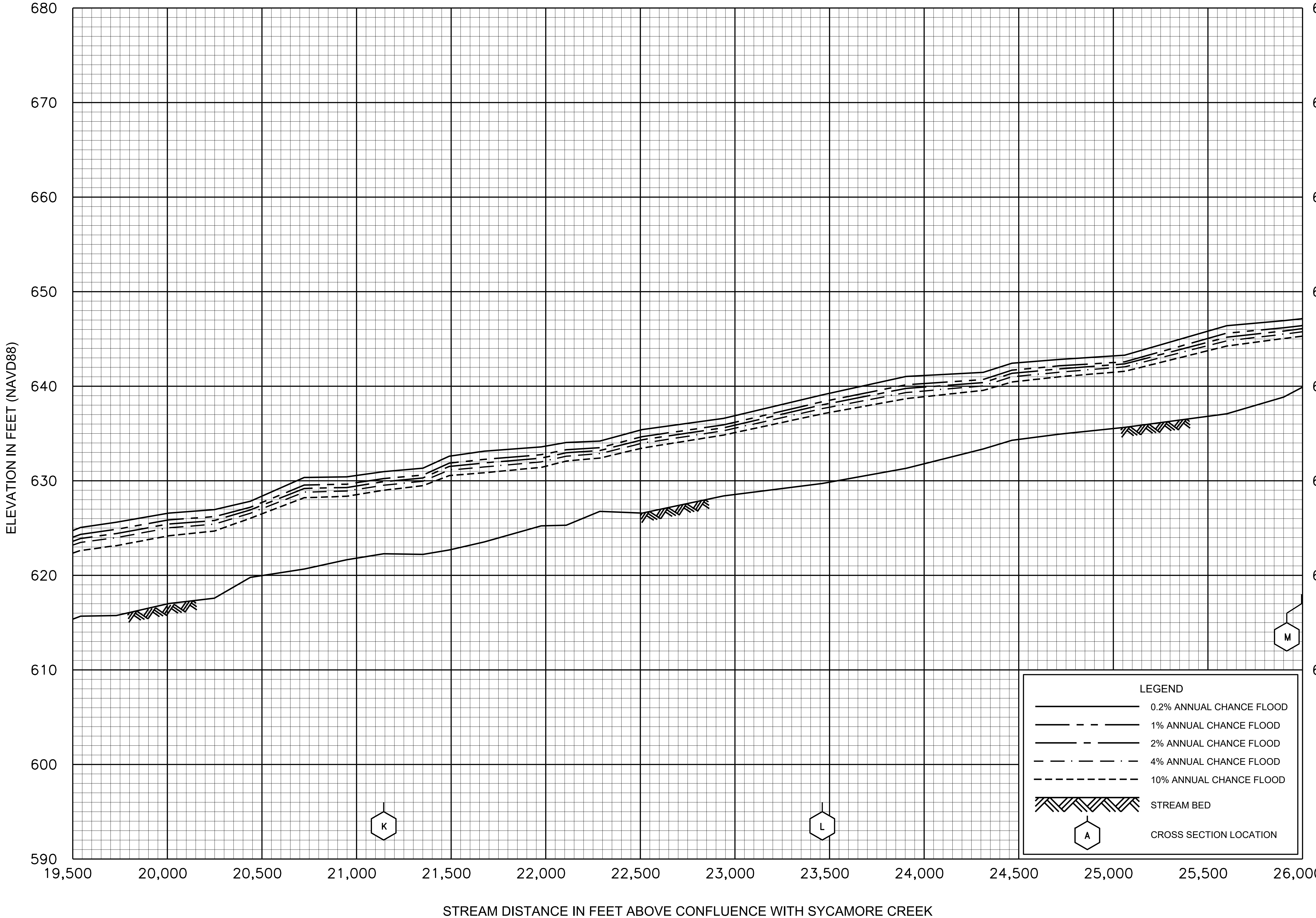
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

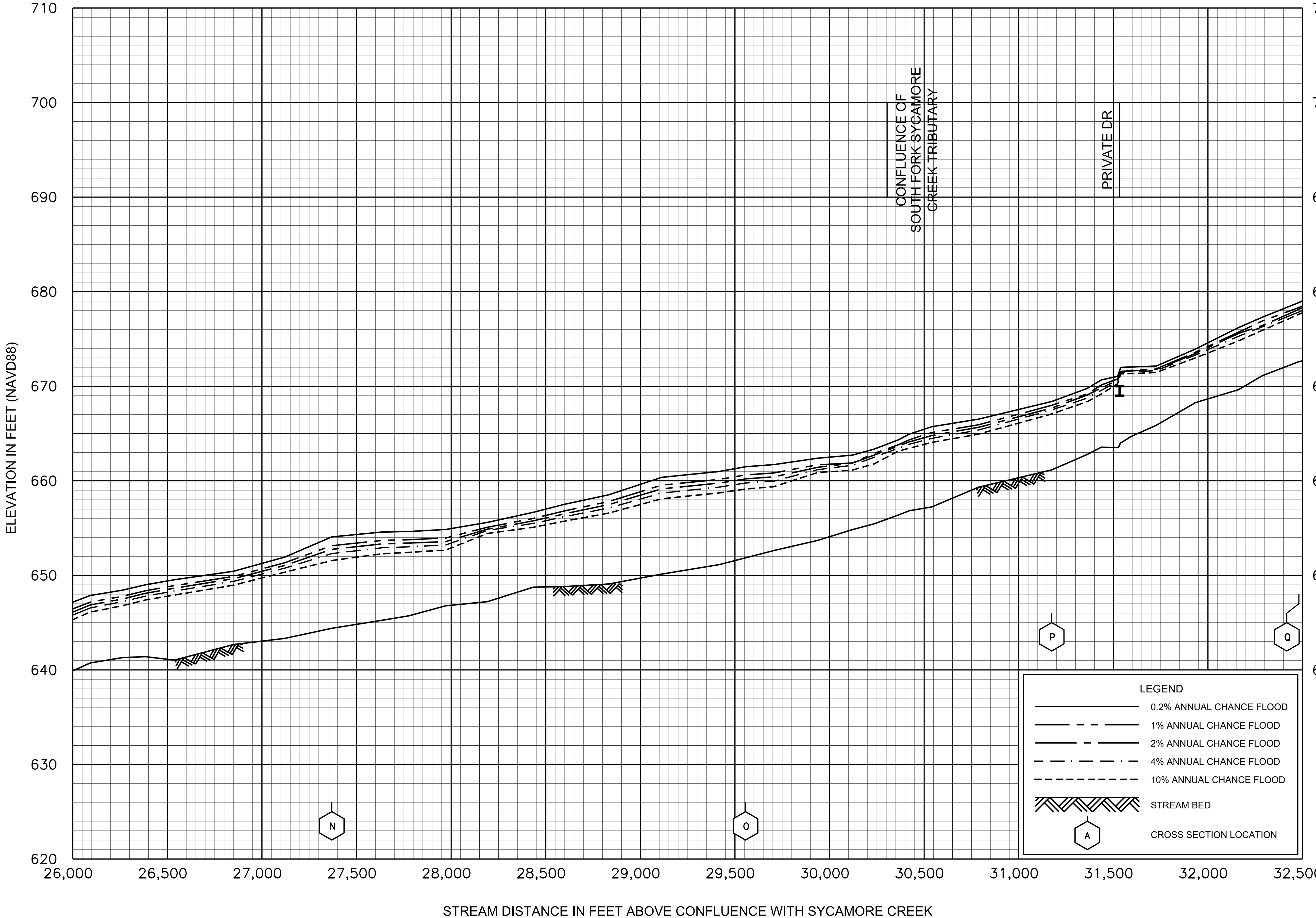


FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

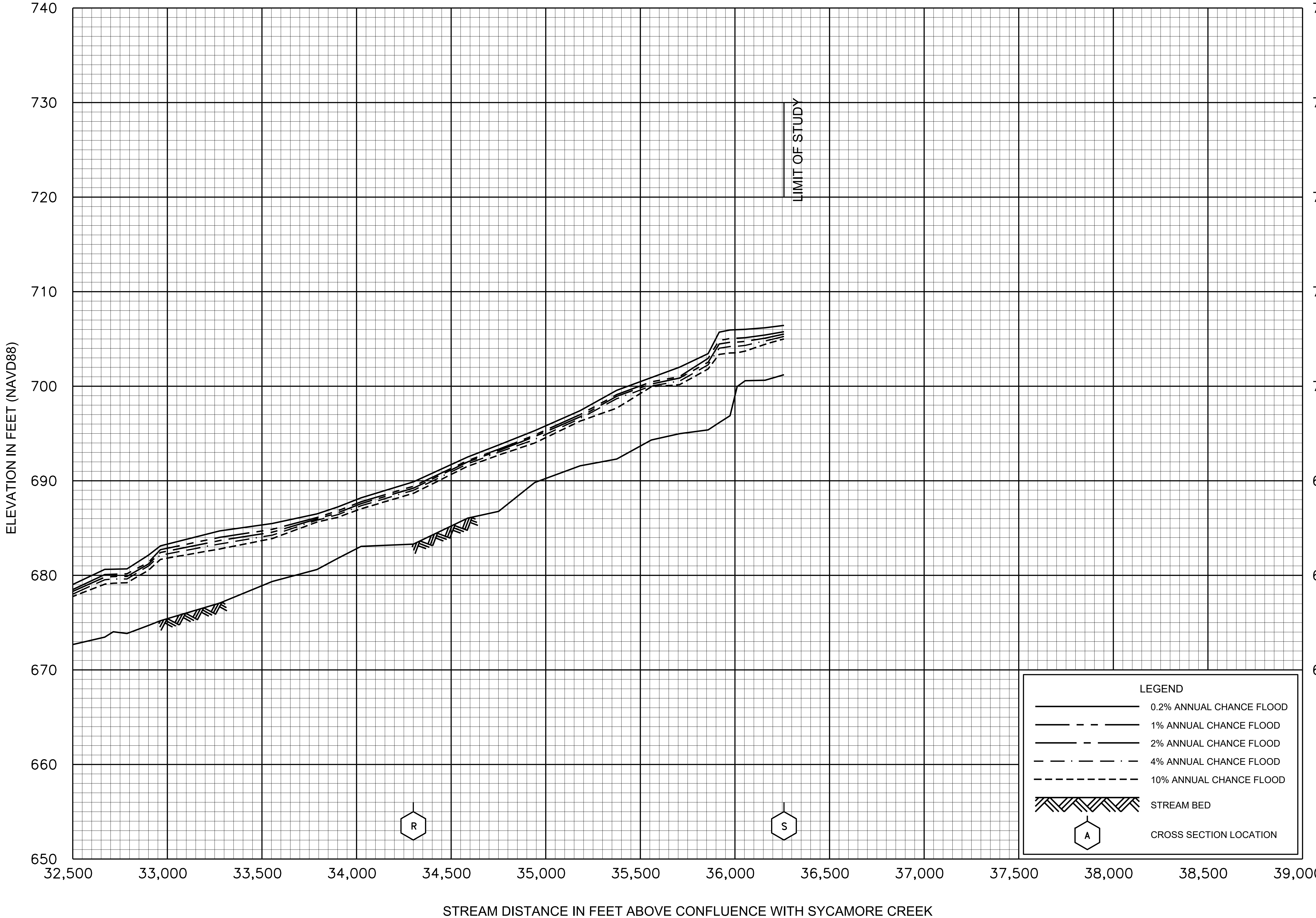
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

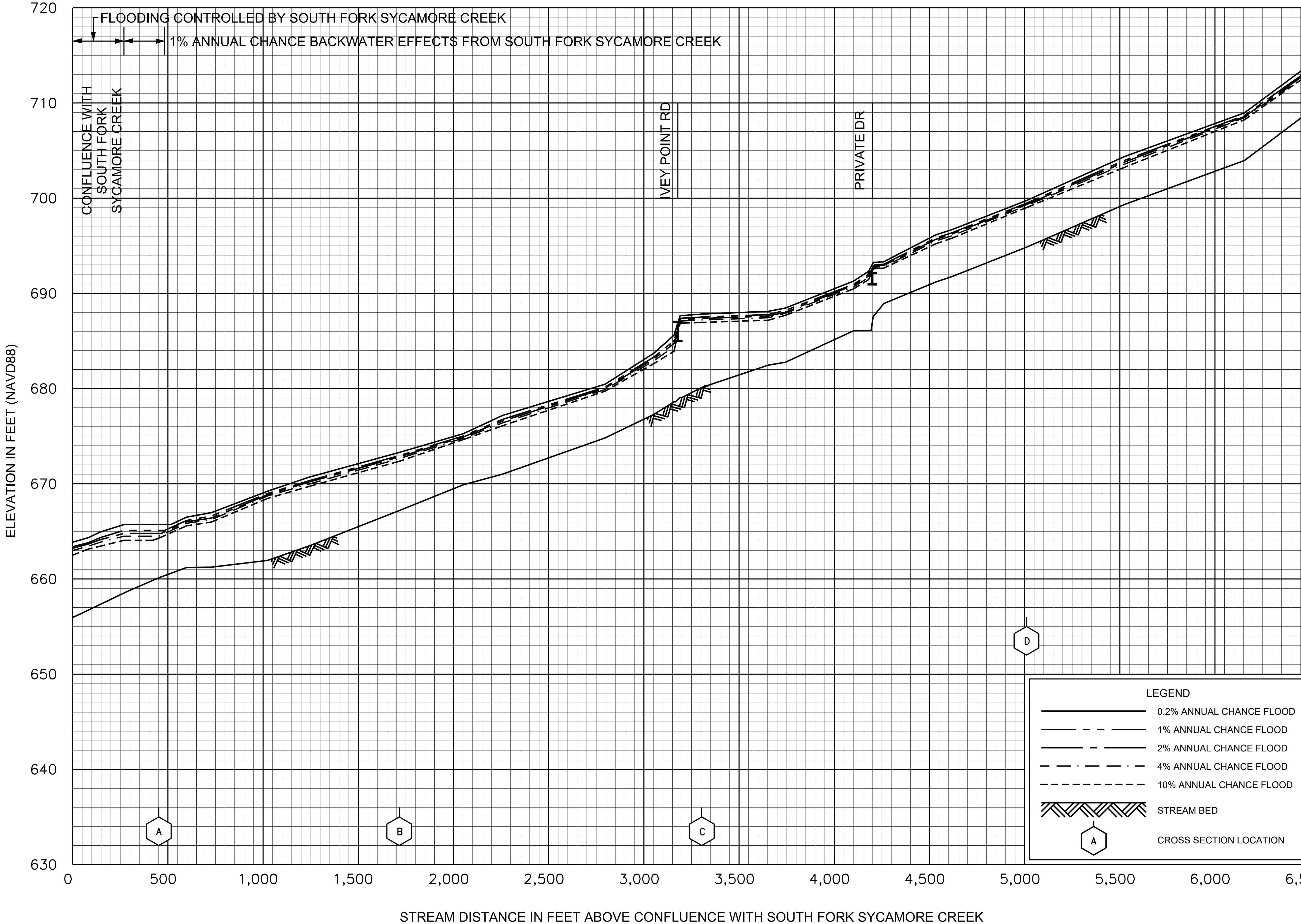


FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

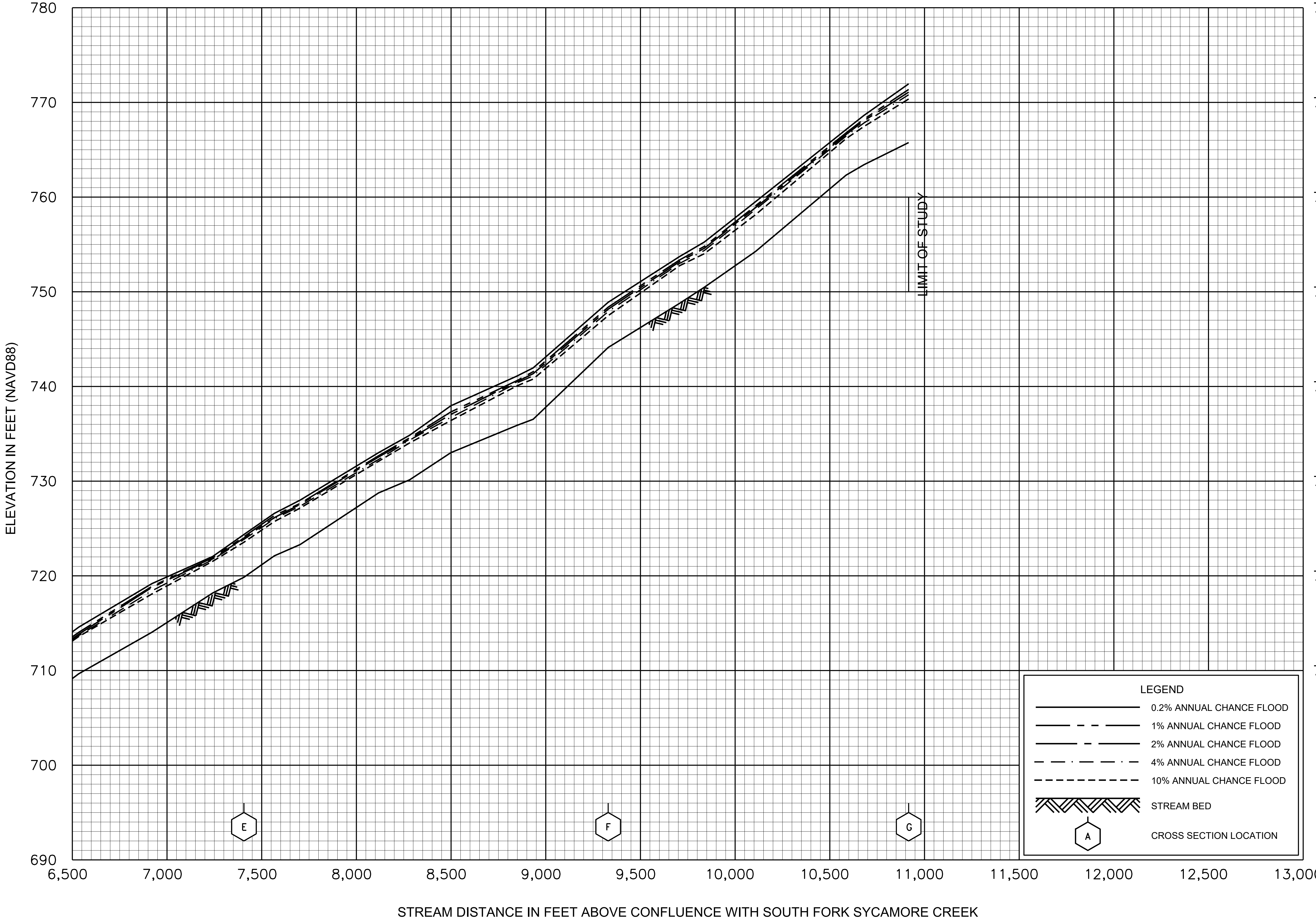


FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

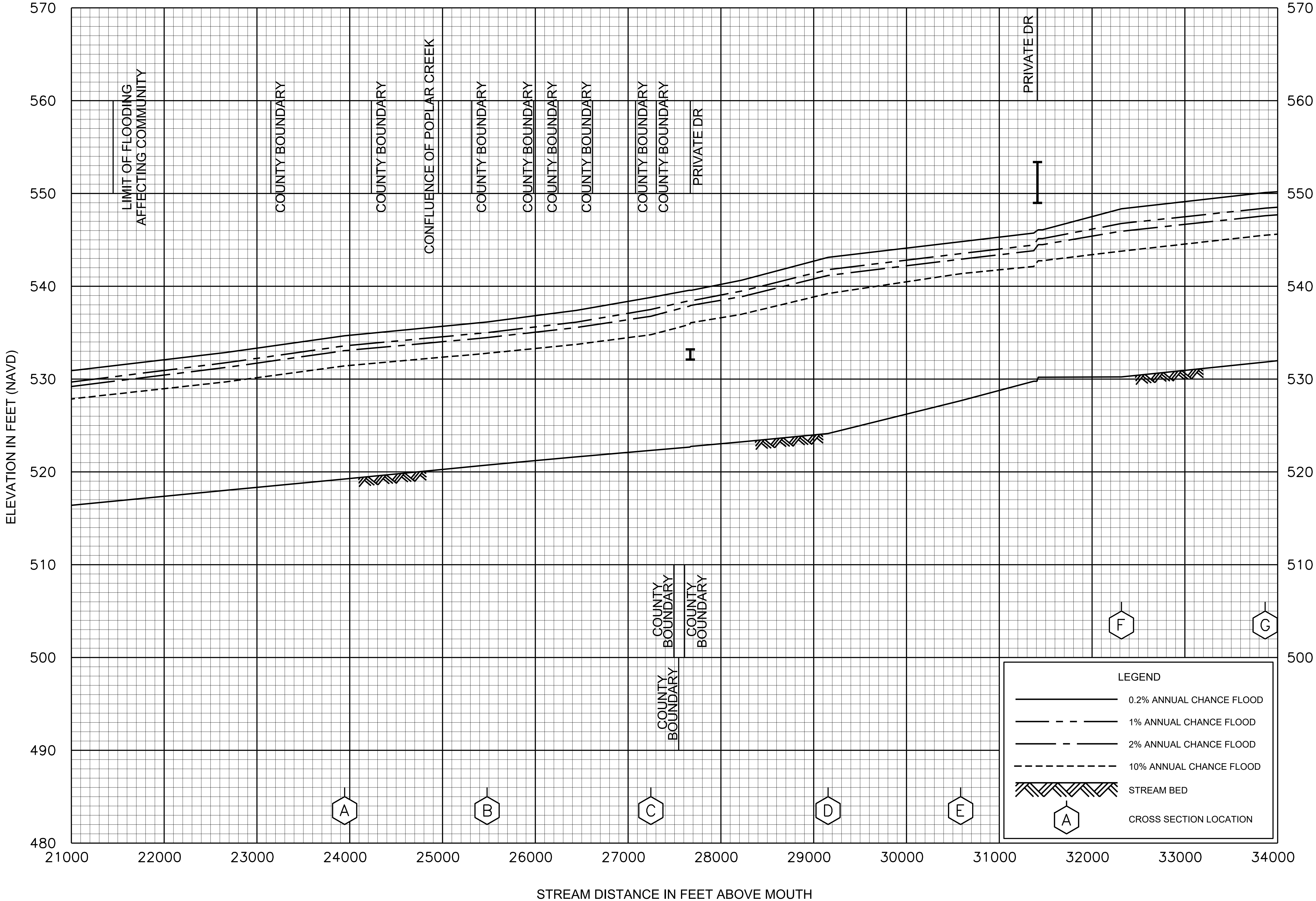


FLOOD PROFILES

SOUTH FORK SYCAMORE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

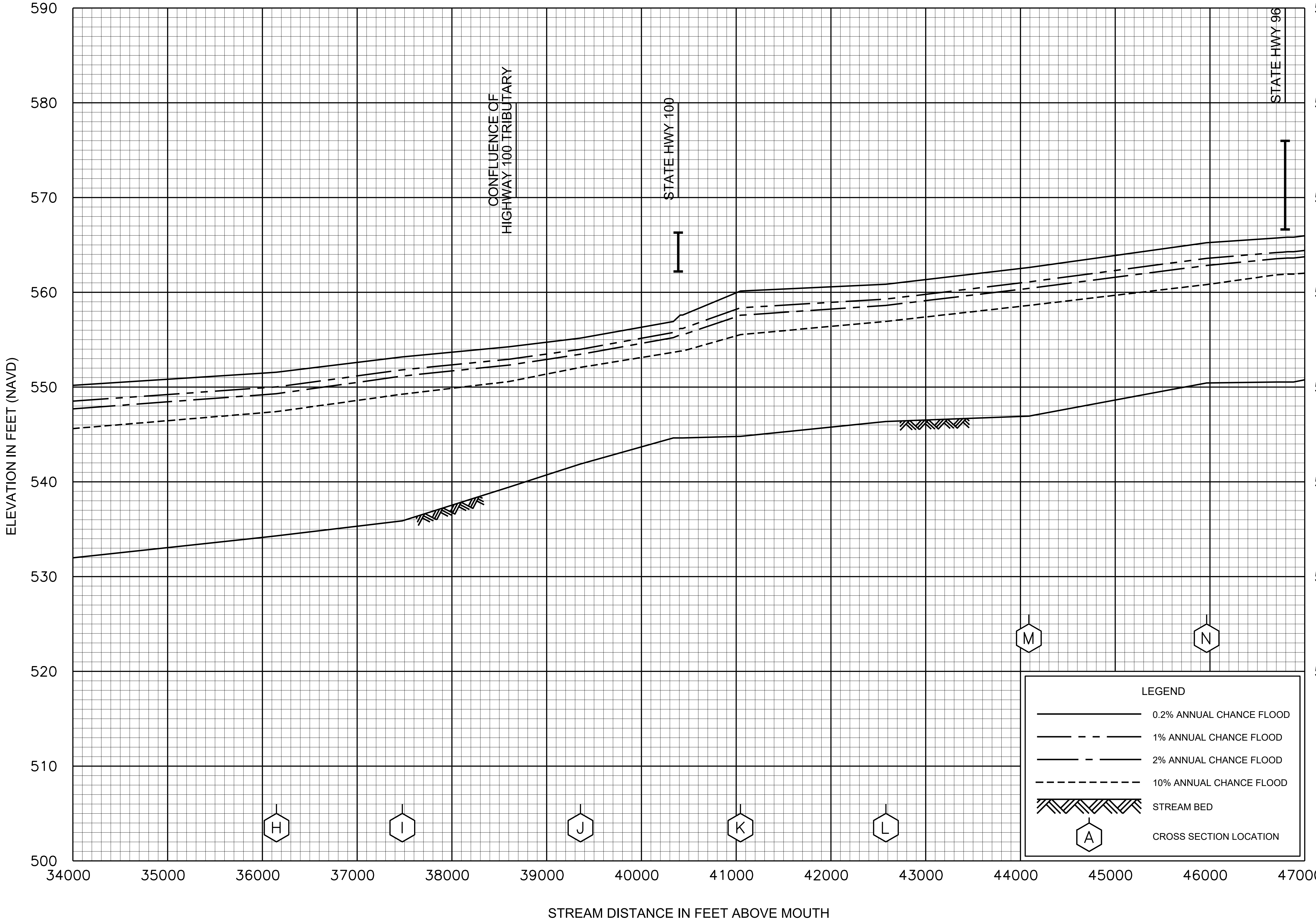


FLOOD PROFILES

SOUTH HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

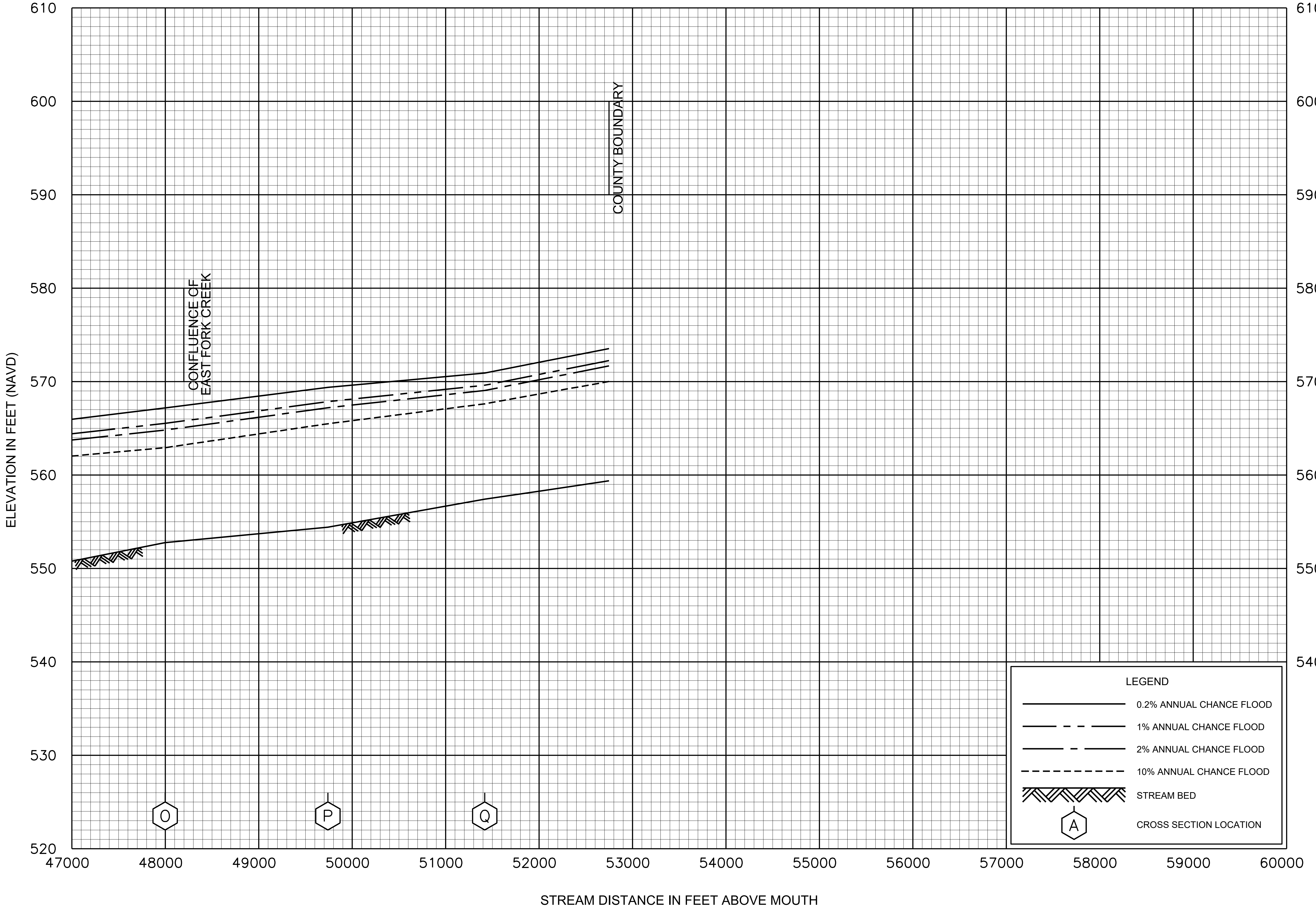


FLOOD PROFILES

SOUTH HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

307P

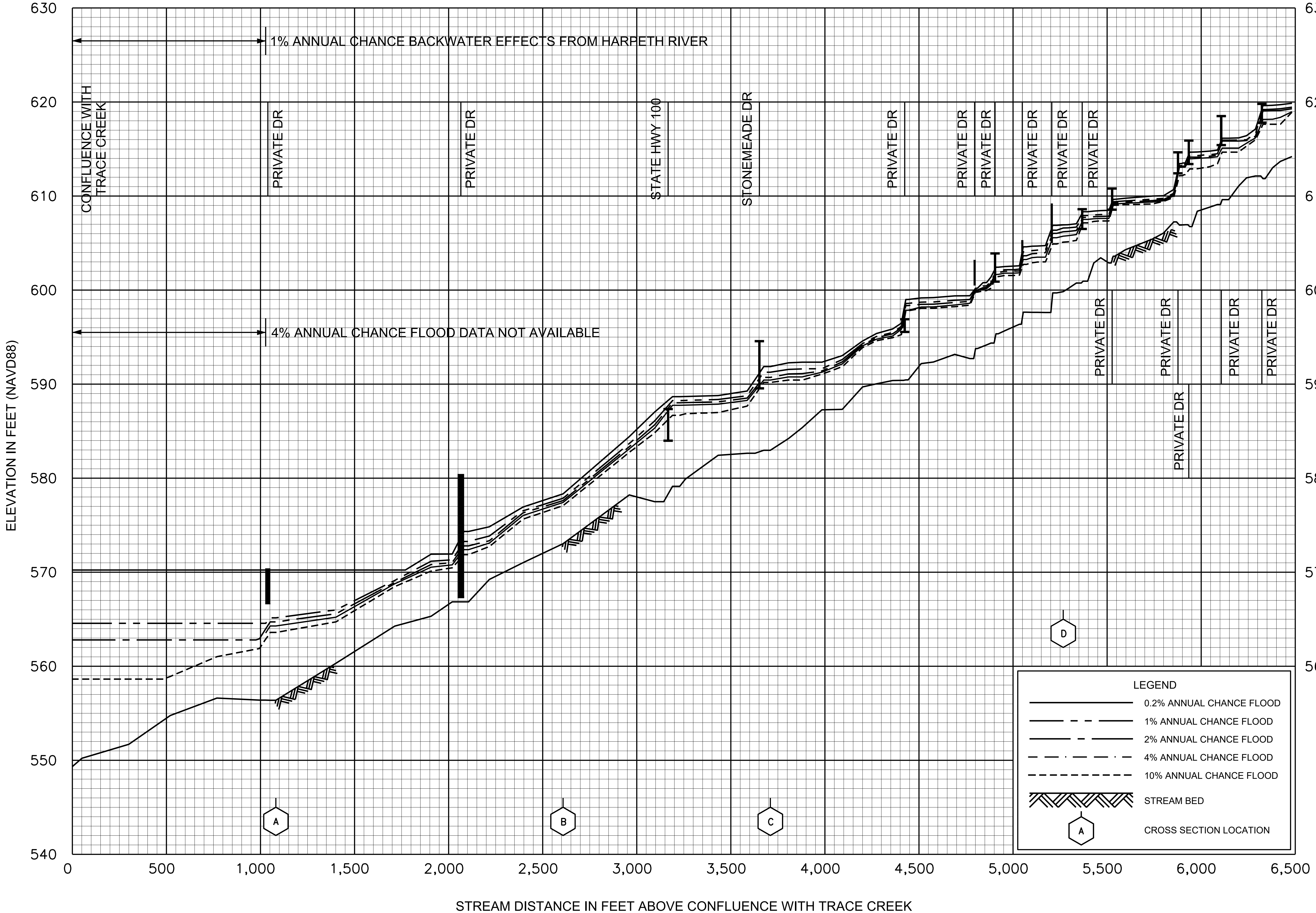


FLOOD PROFILES

SOUTH HARPETH RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

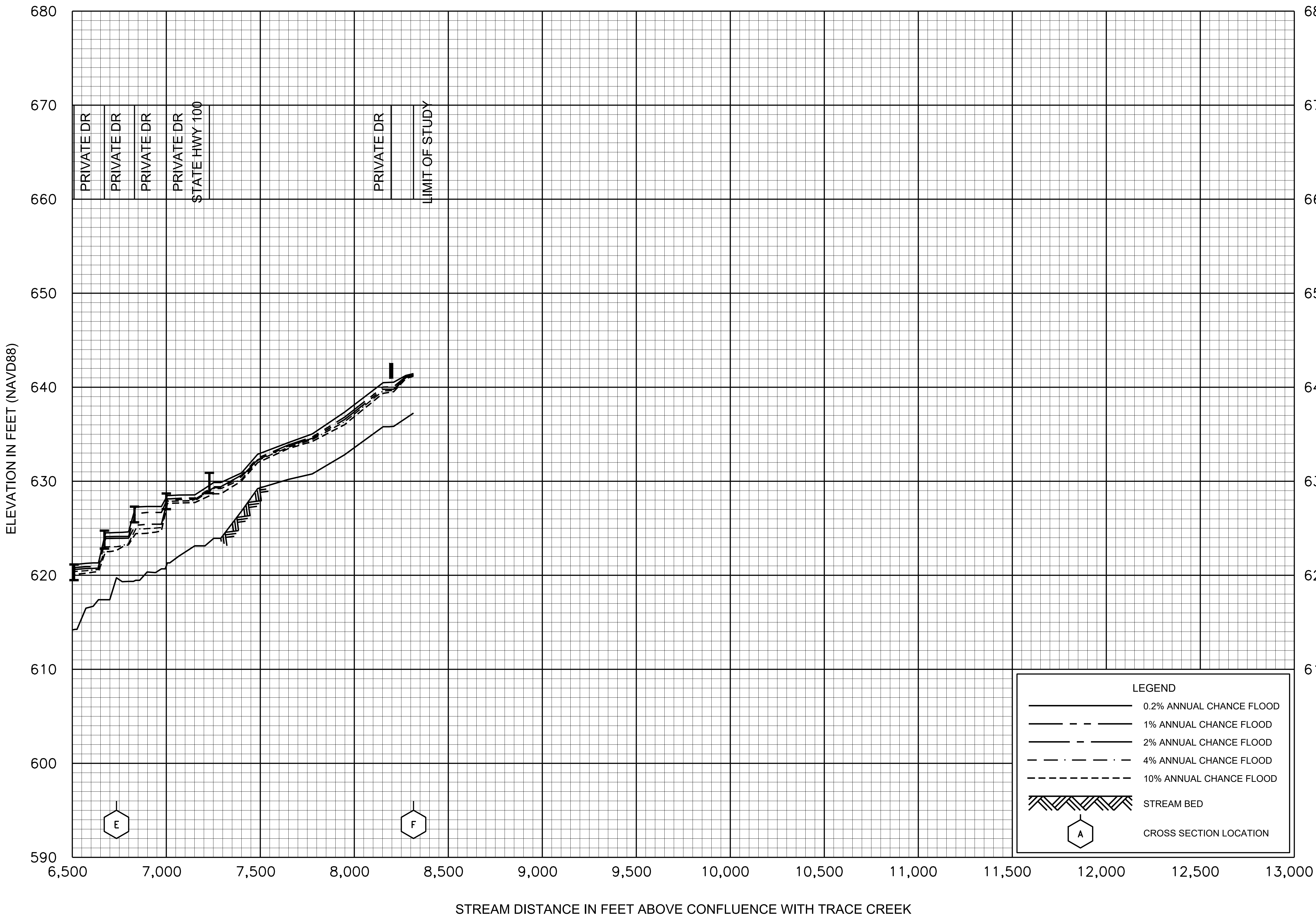


FLOOD PROFILES

STONEMEADE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

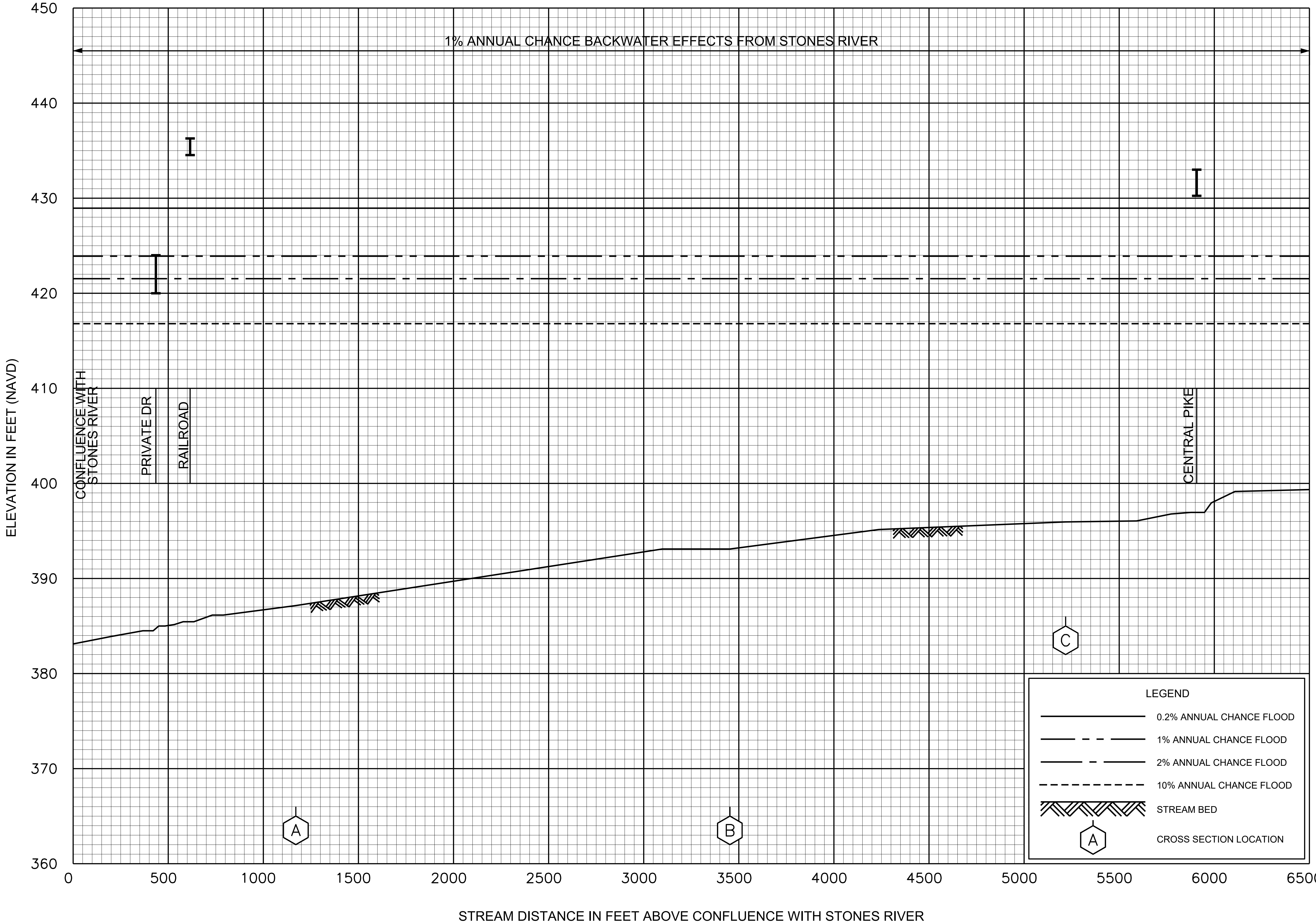


FLOOD PROFILES

STONEMEADE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

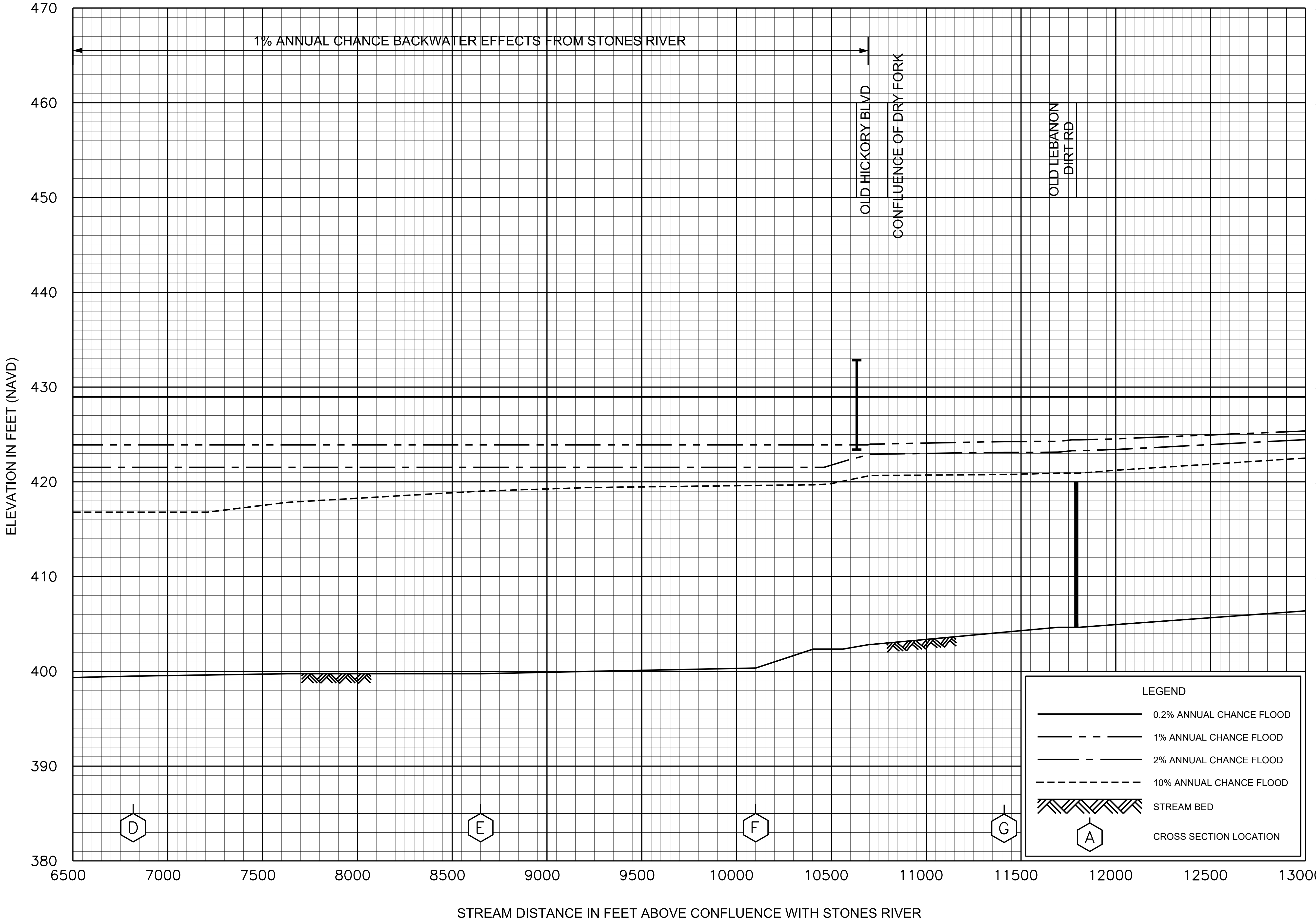


FLOOD PROFILES

STONERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

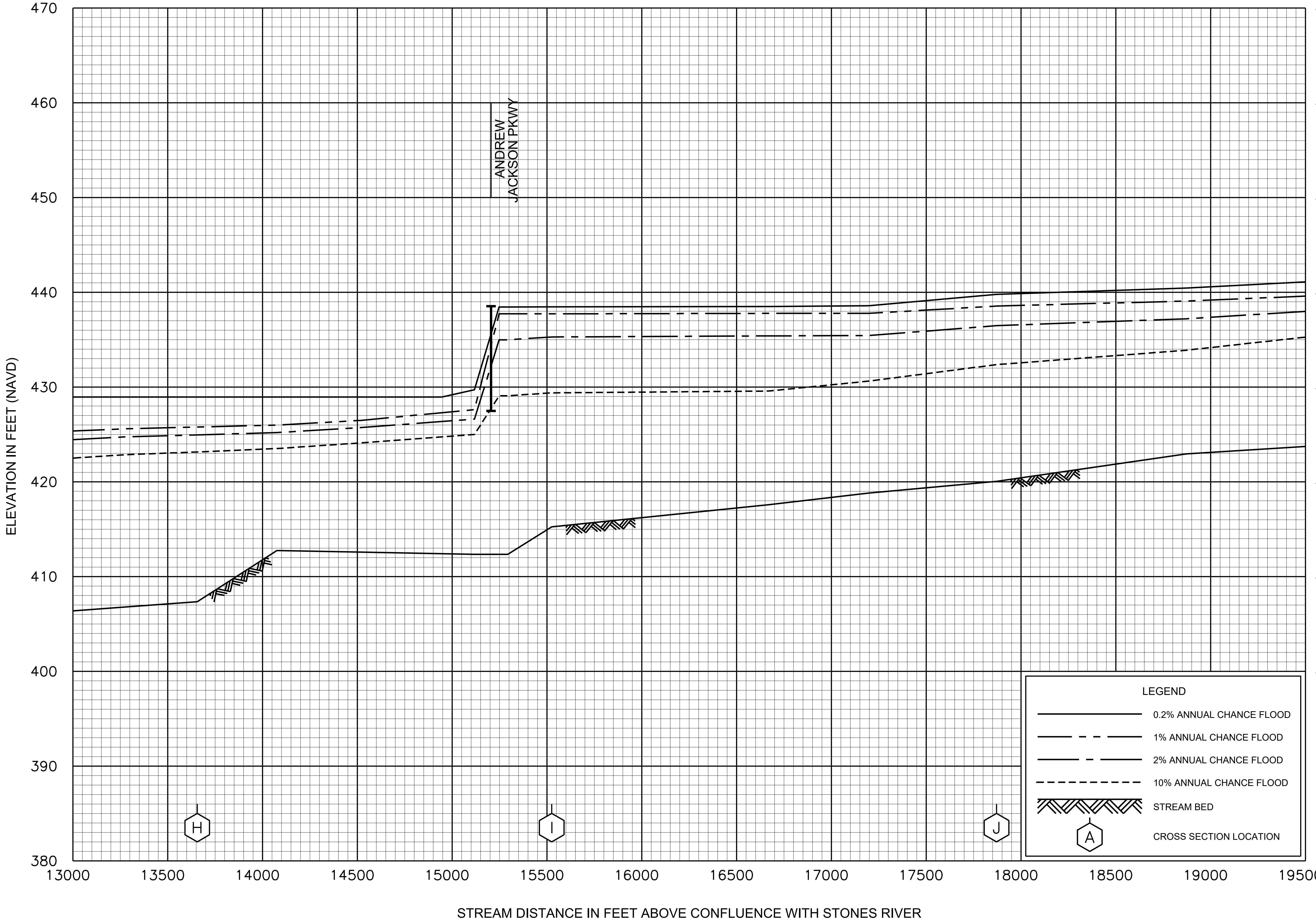


FLOOD PROFILES

STONERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

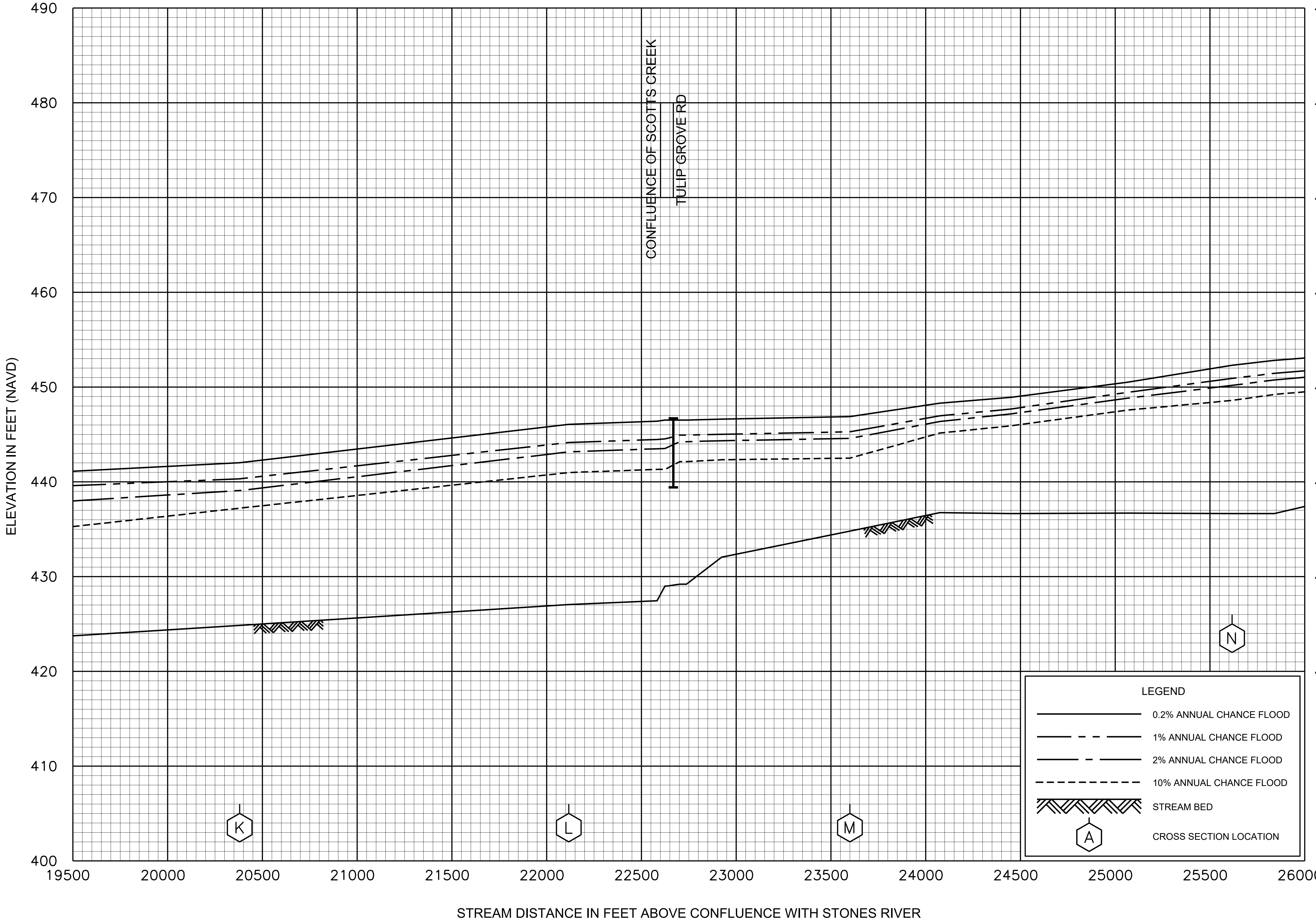
312P



FLOOD PROFILES

STONERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

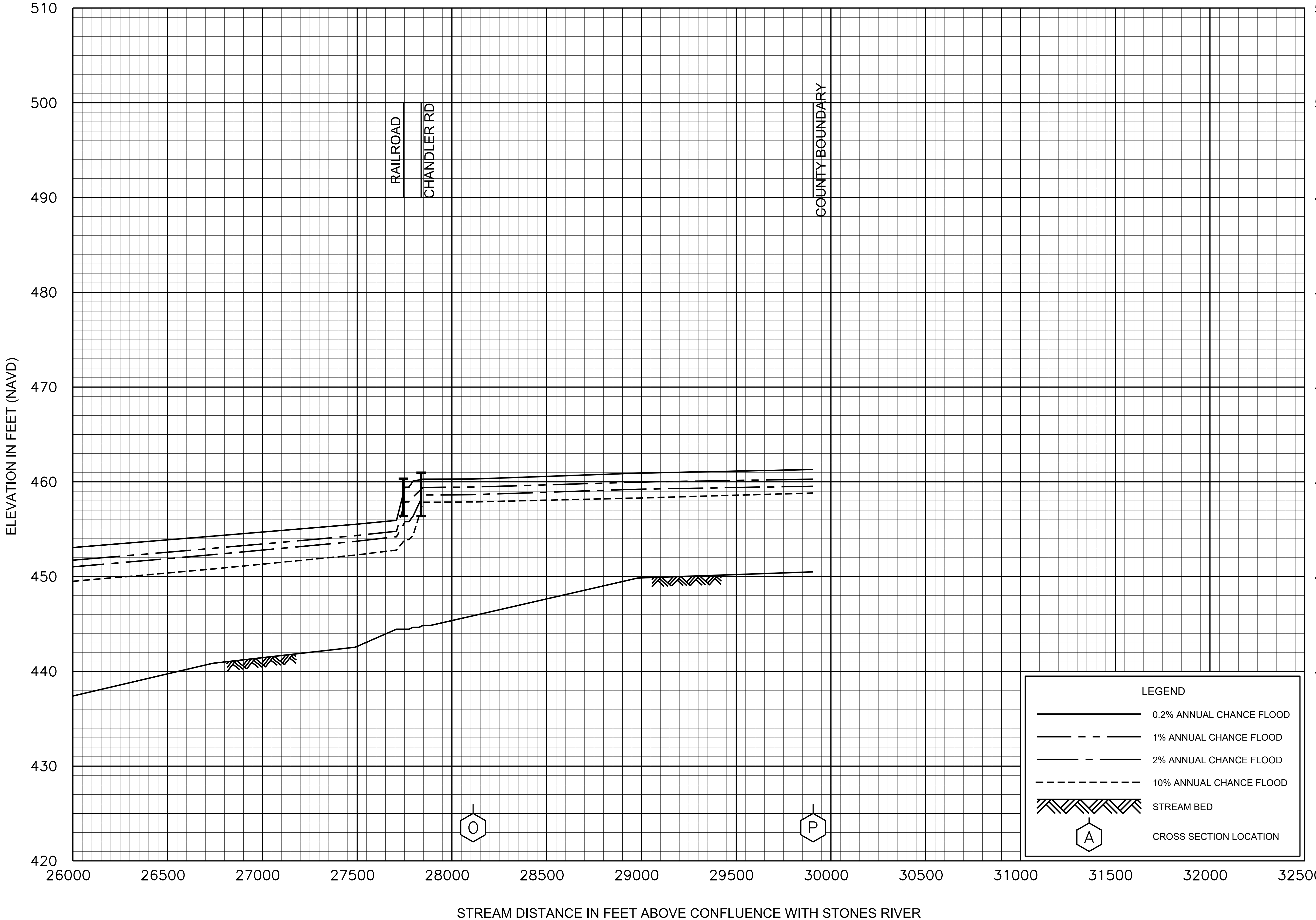


FLOOD PROFILES

STONERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

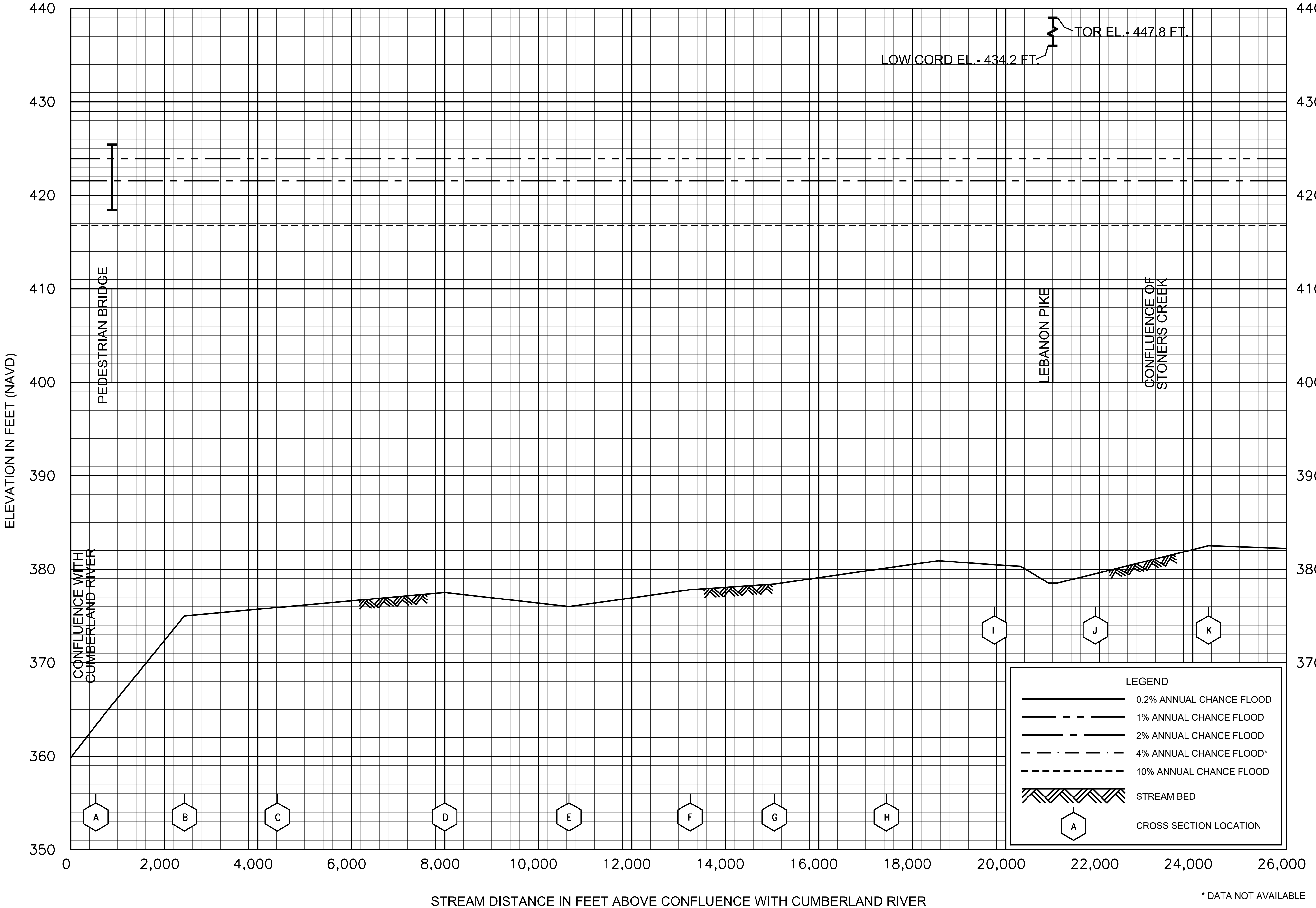


FLOOD PROFILES

STONERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

315P

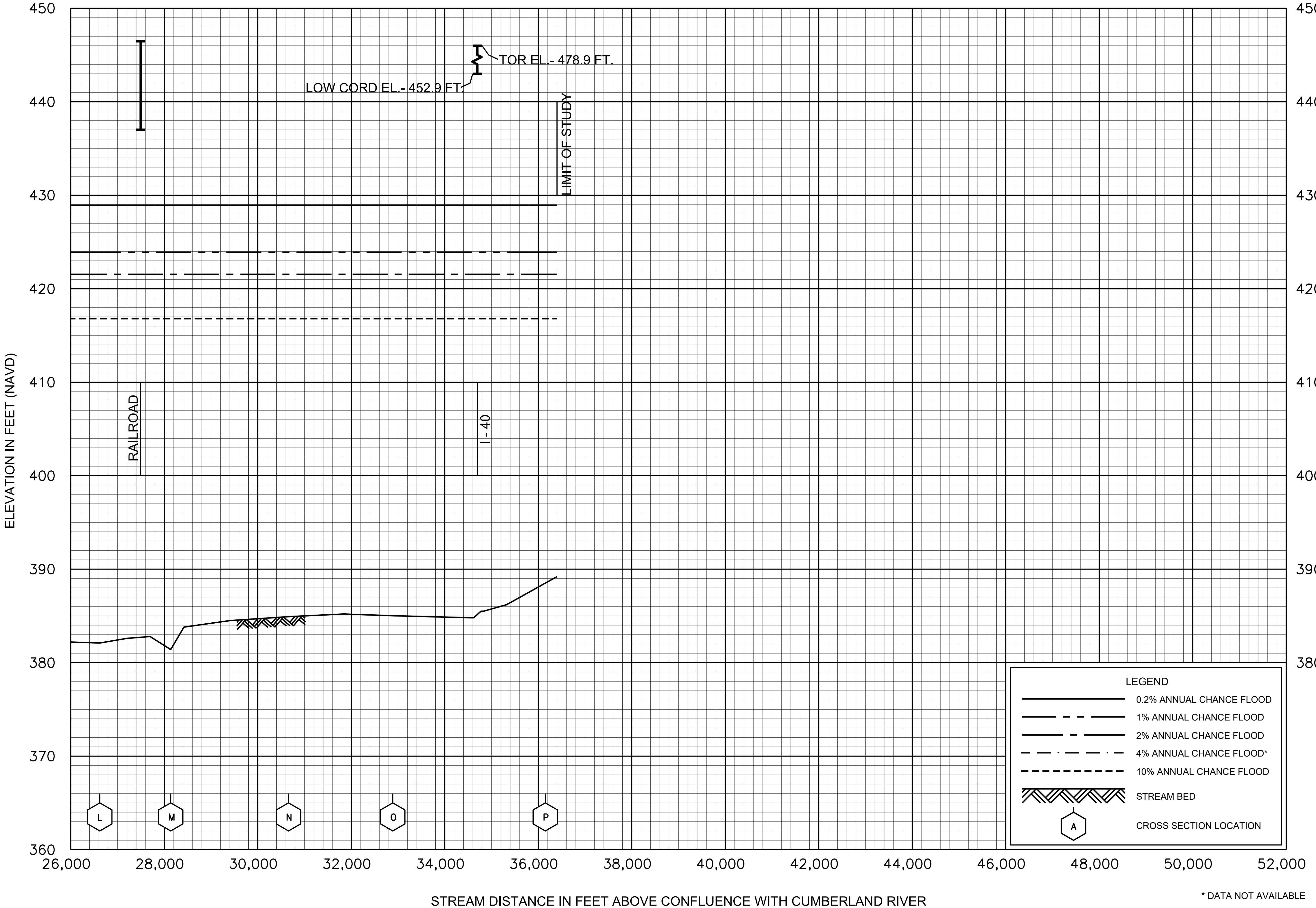


FLOOD PROFILES

STONES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

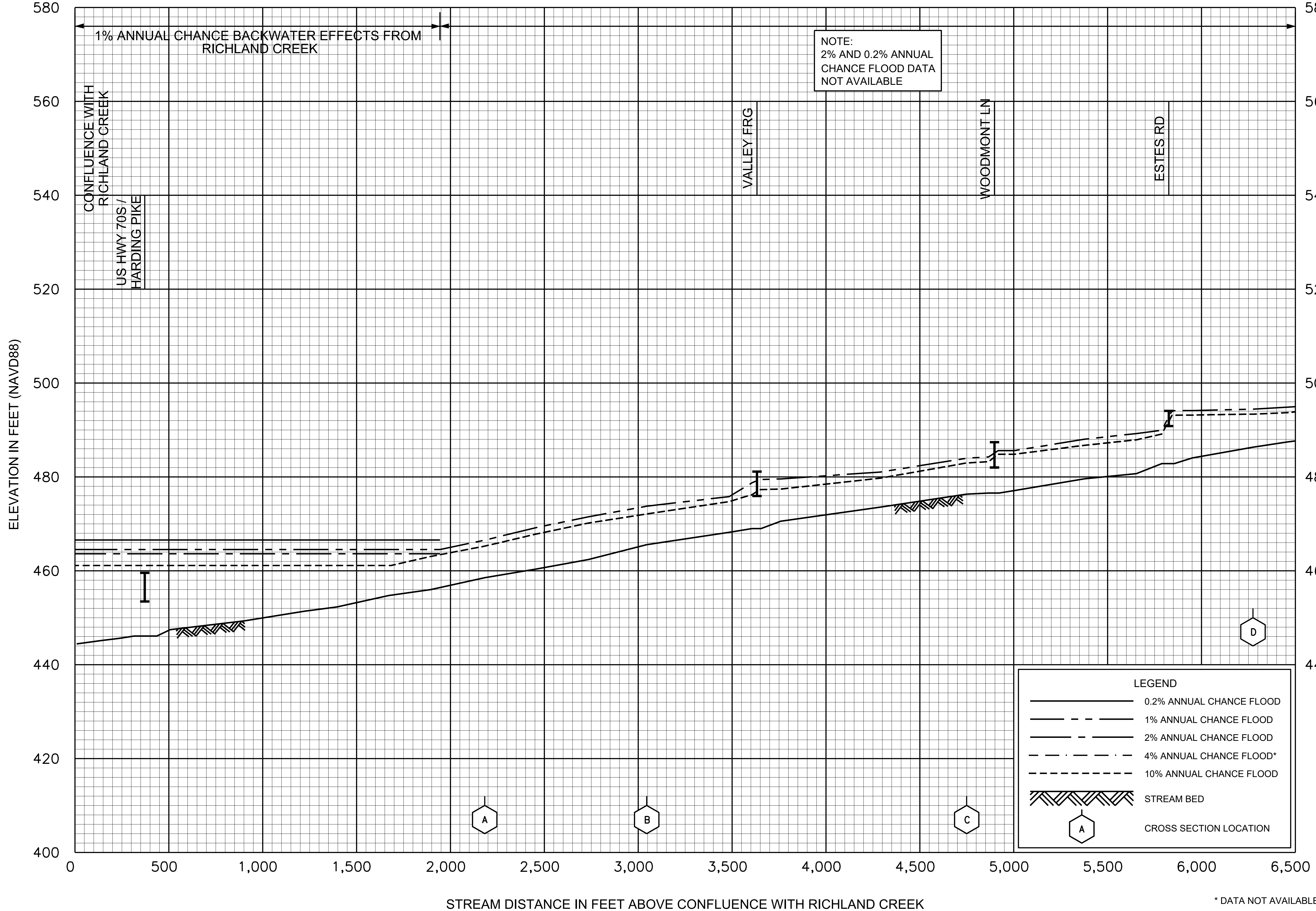


FLOOD PROFILES

STONES RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

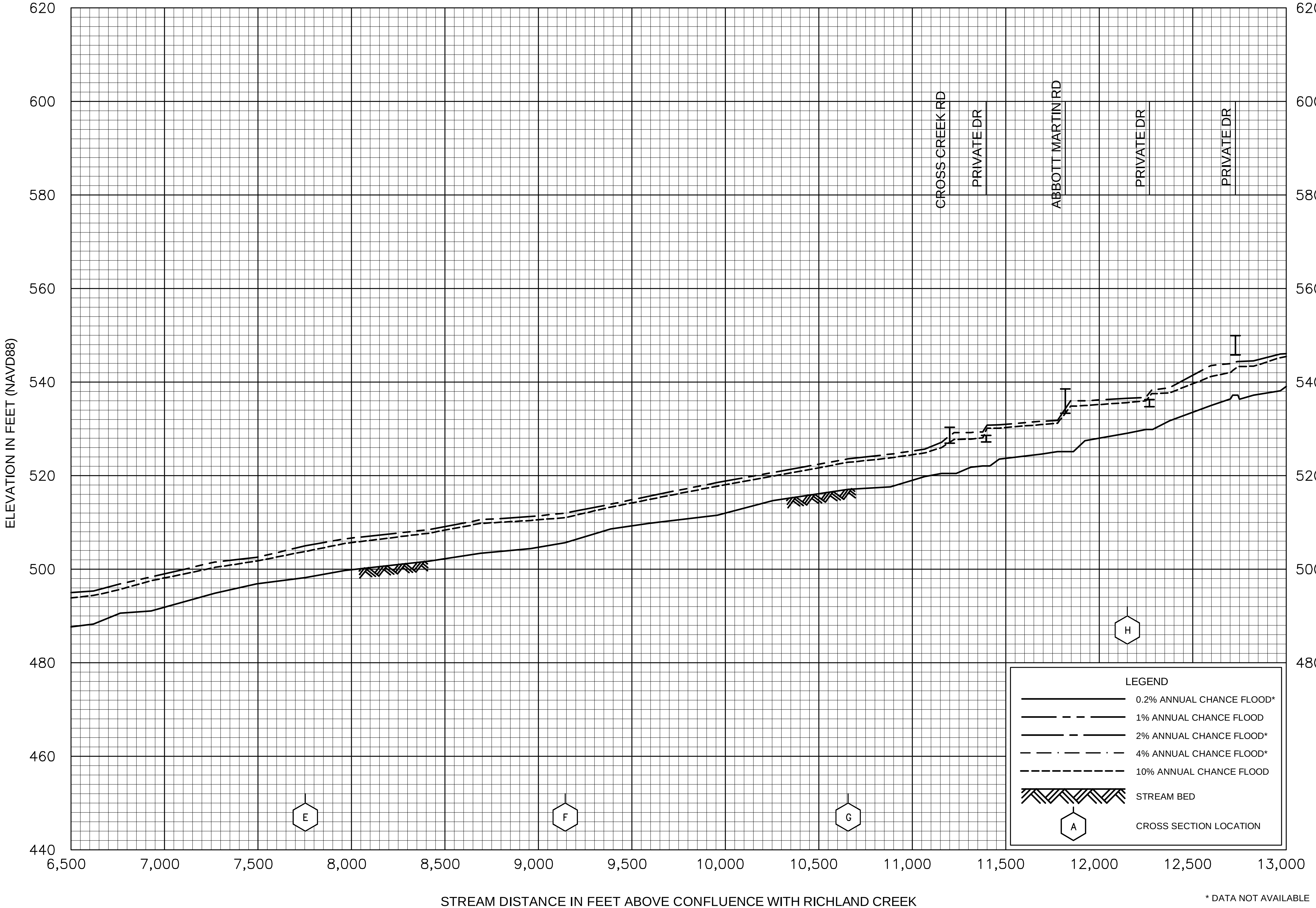


FLOOD PROFILES

SUGARTREE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

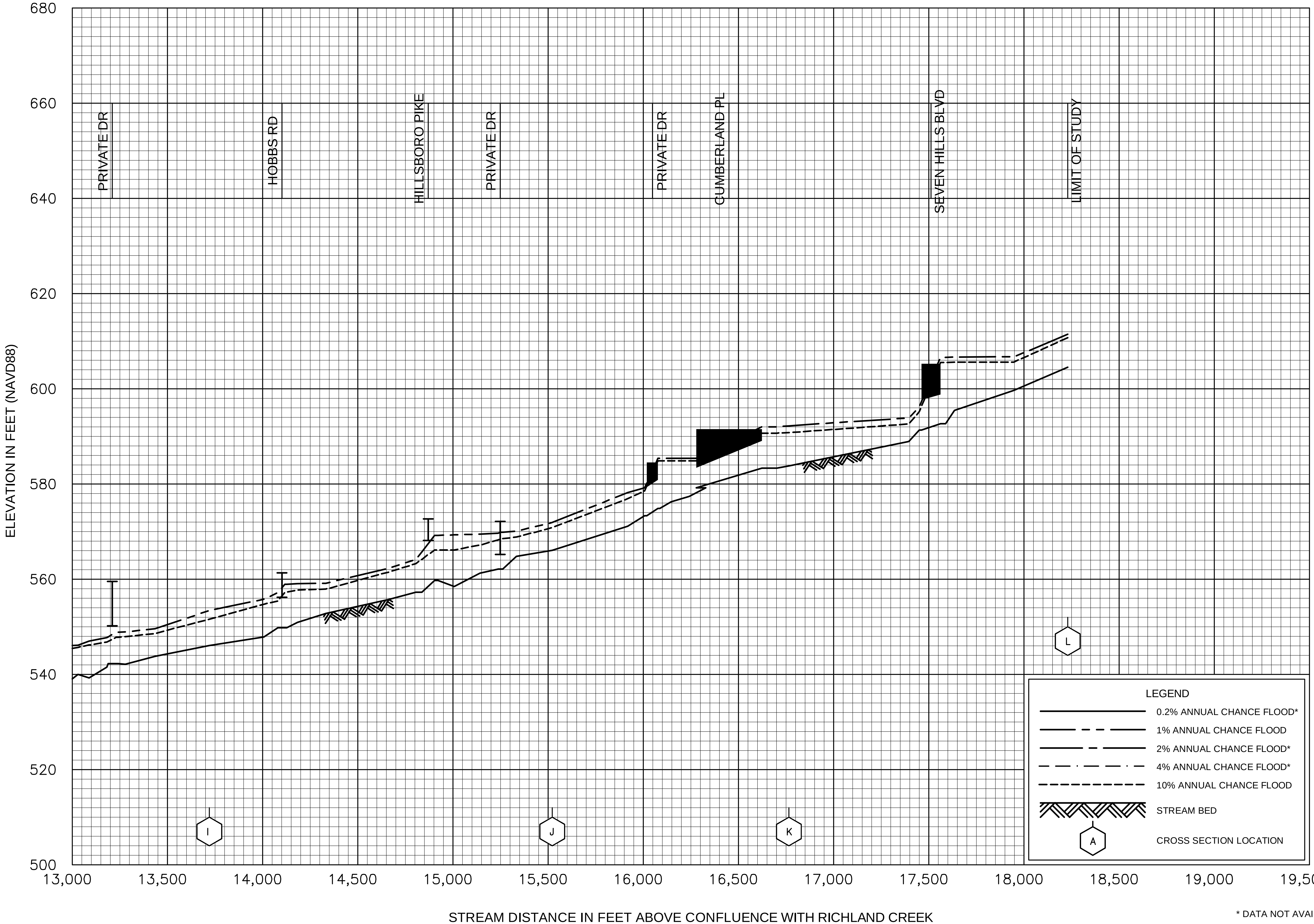
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

SUGARTREE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



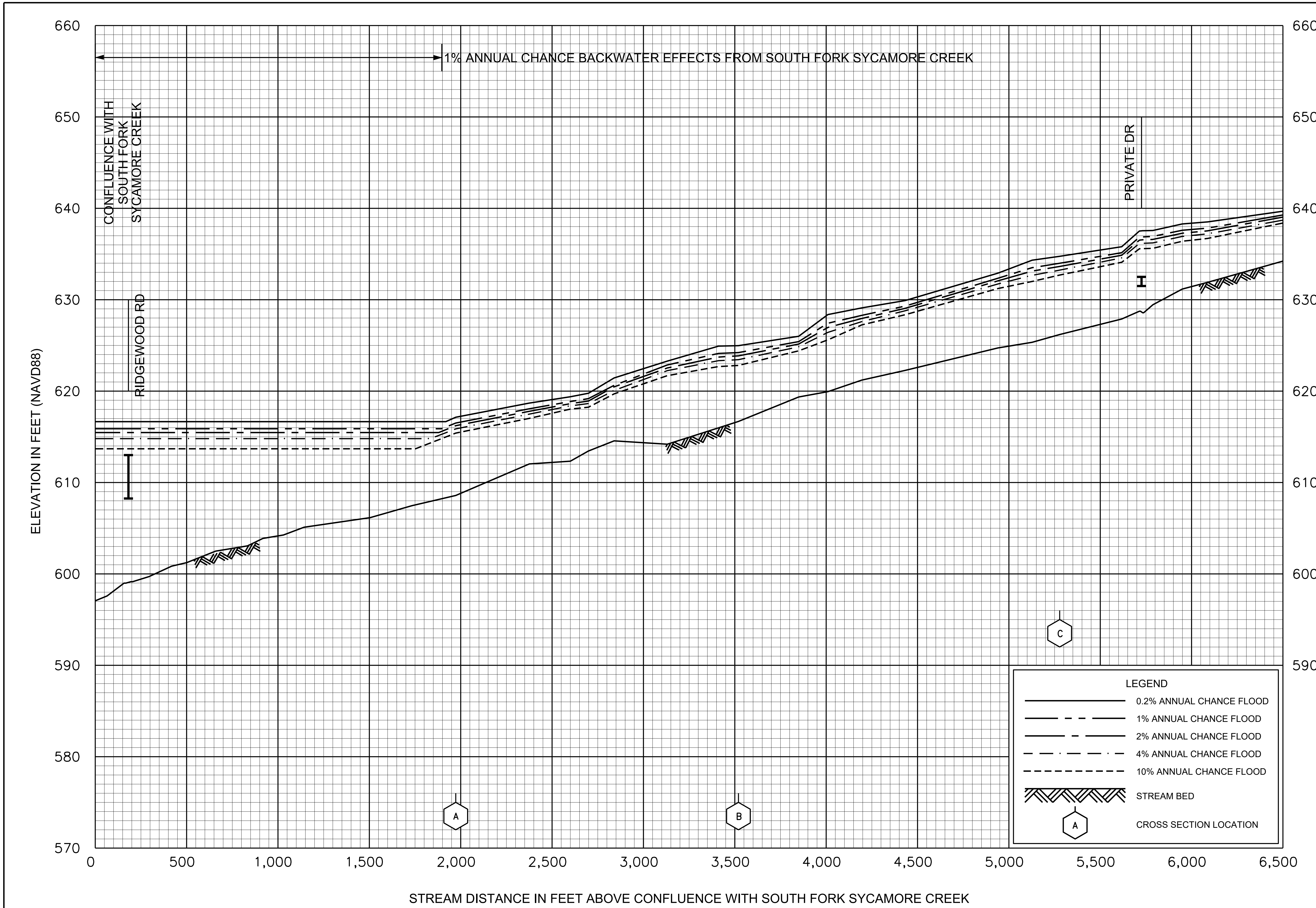
* DATA NOT AVAILABLE

FLOOD PROFILES

SUGARTREE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

320P



FLOOD PROFILES

SULPHUR BRANCH

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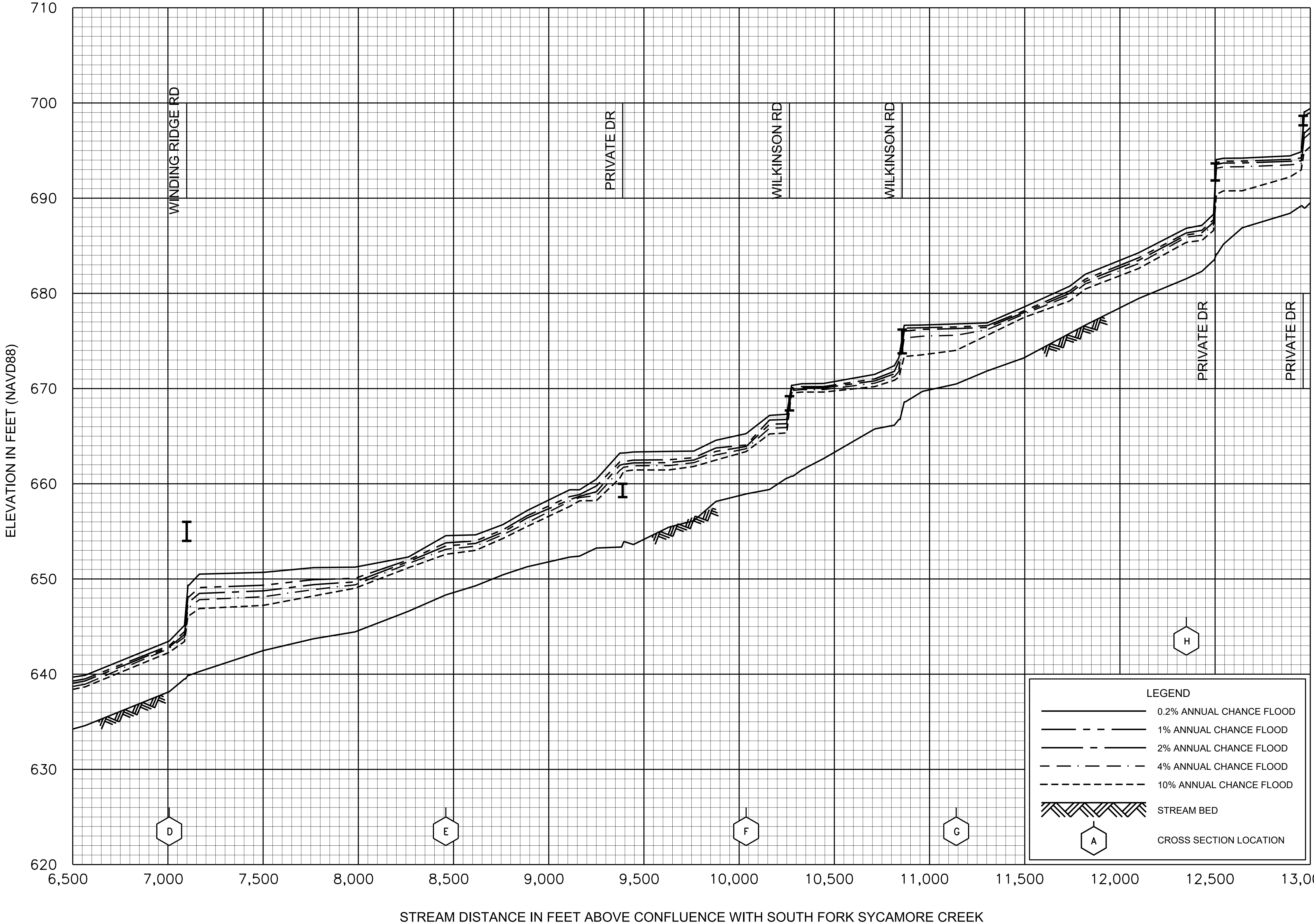
AND INCORPORATED AREAS



FLOOD PROFILES

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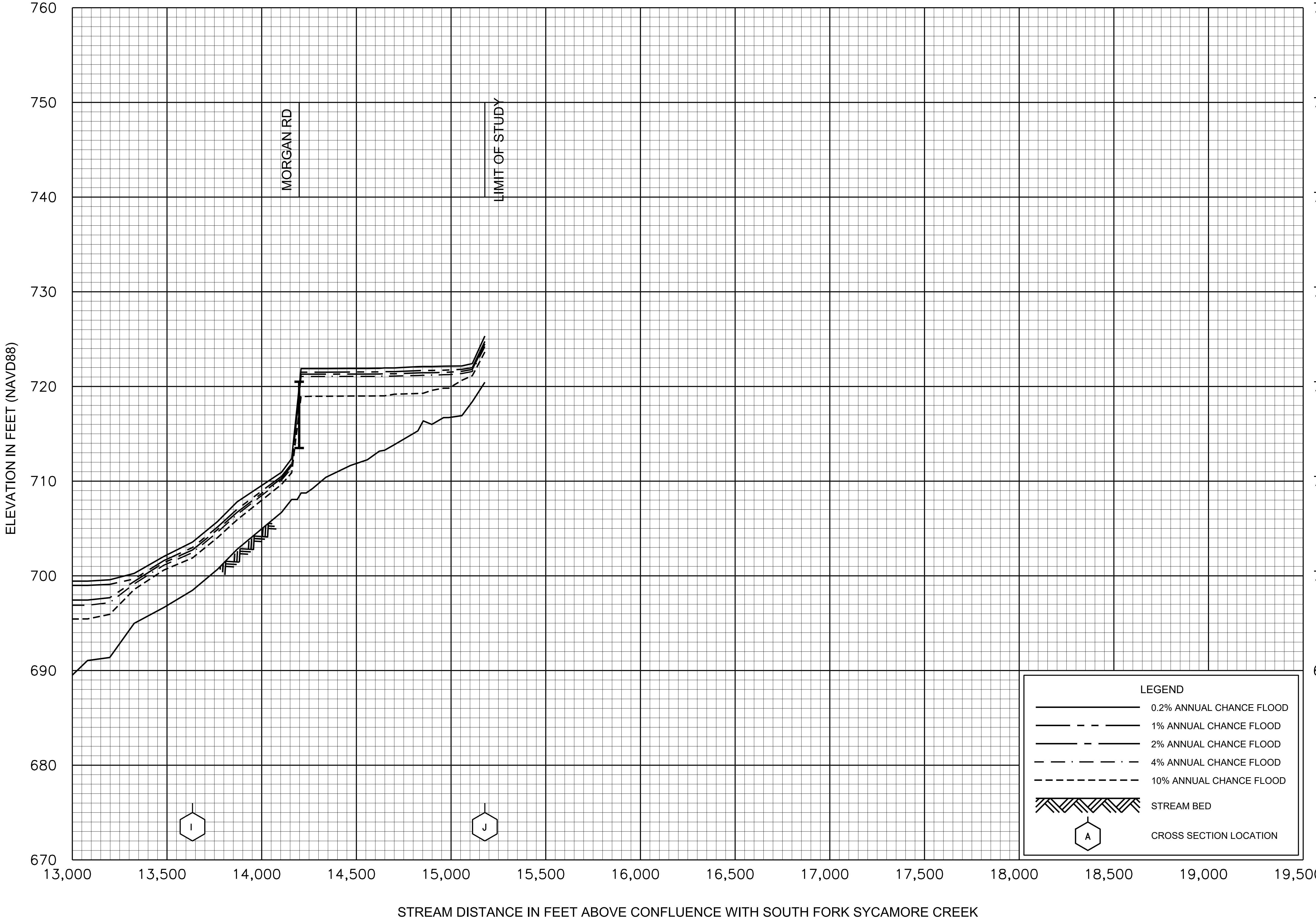
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



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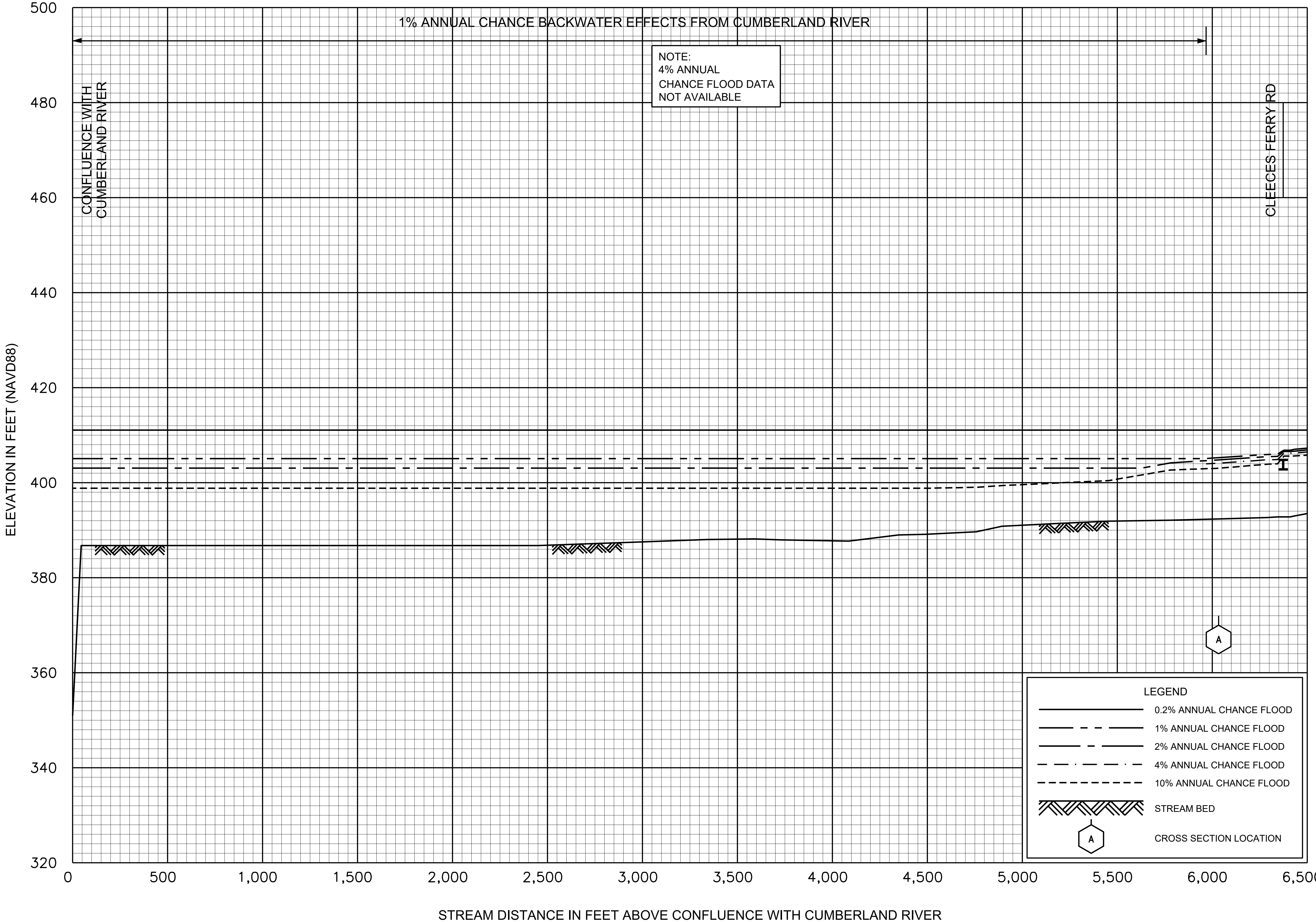
AND INCORPORATED AREAS

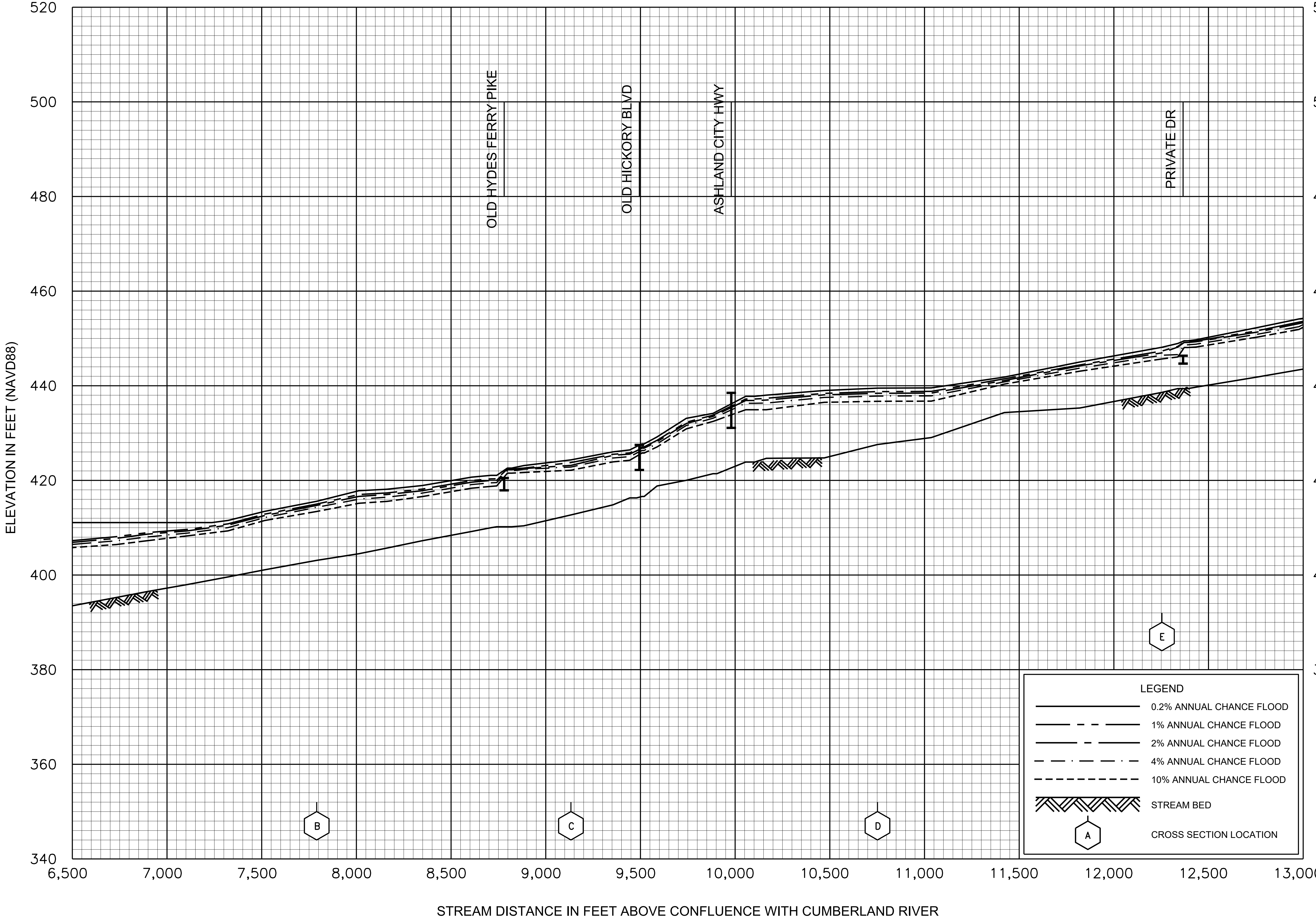


FLOOD PROFILES

SULPHUR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

324P

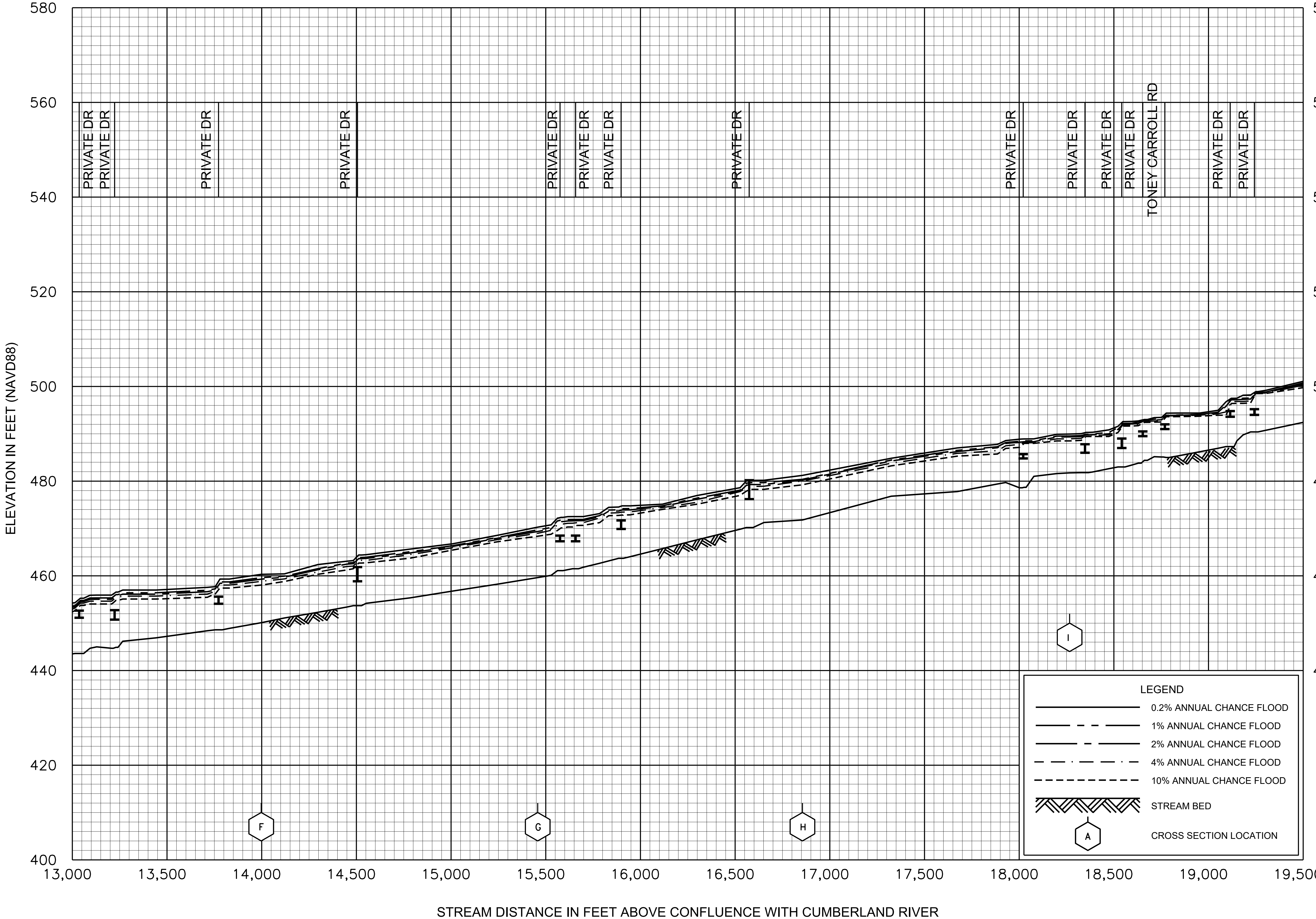


FLOOD PROFILES

SULPHUR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

325P



FLOOD PROFILES

SULPHUR CREEK

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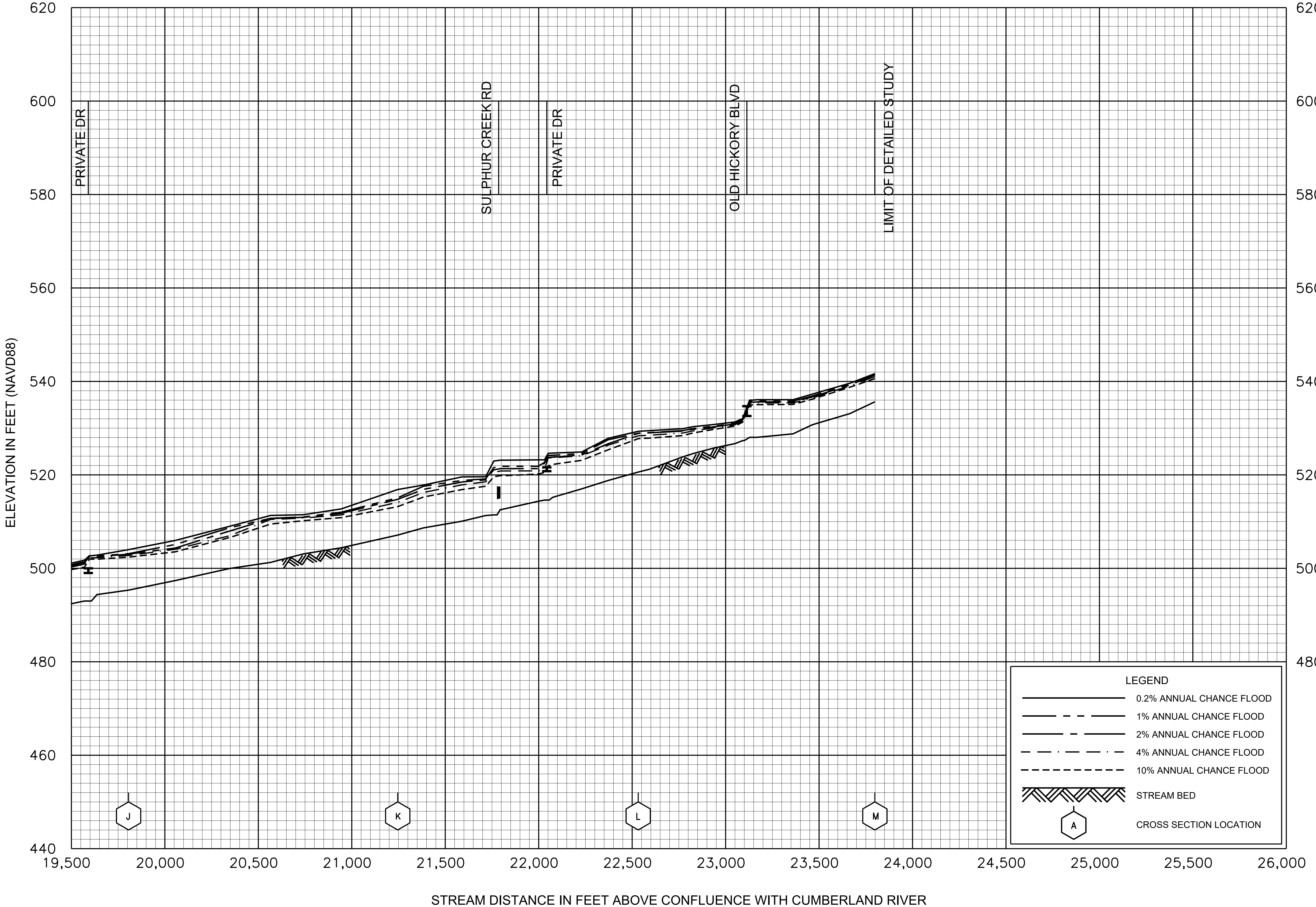
AND INCORPORATED AREAS



FLOOD PROFILES

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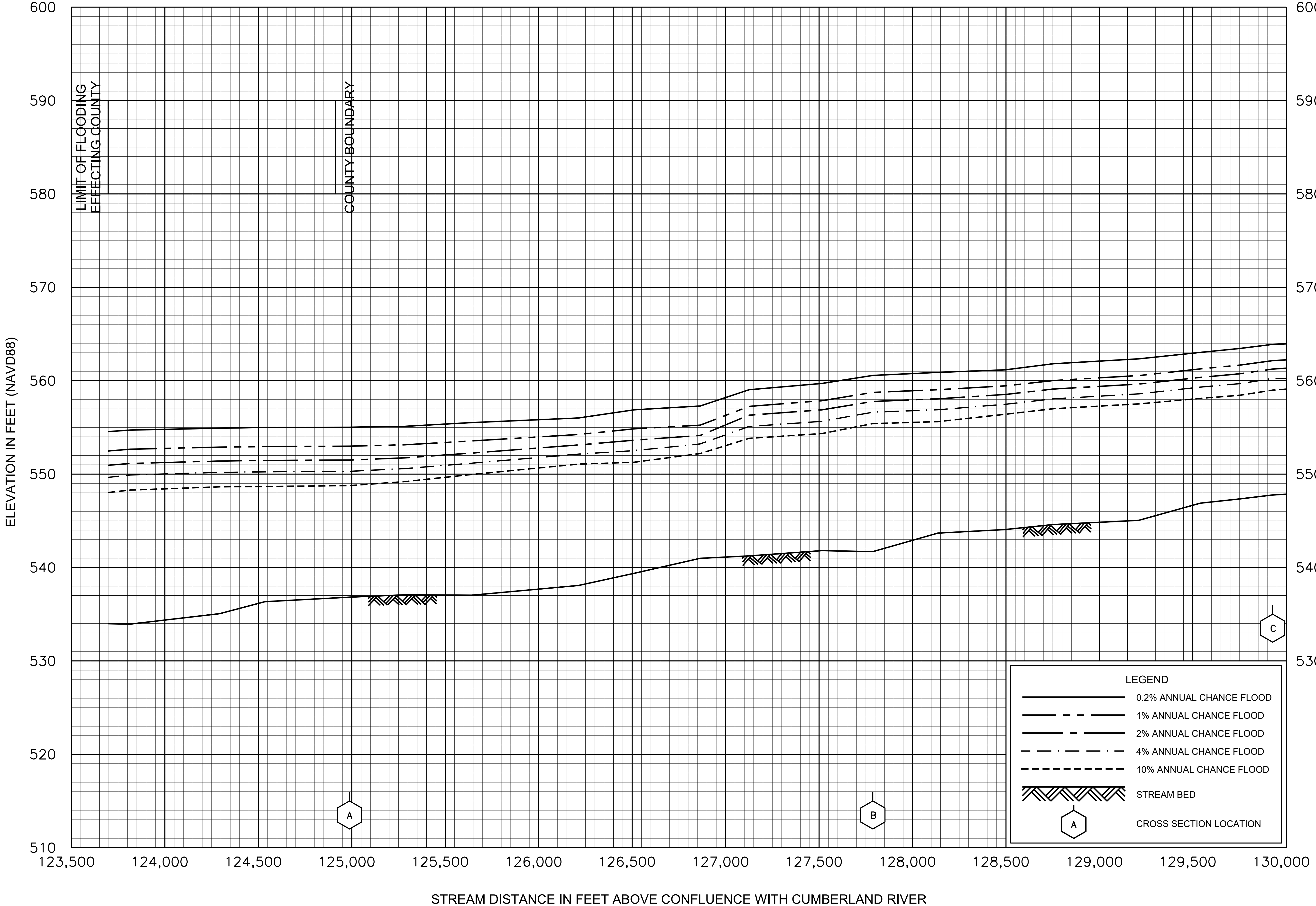
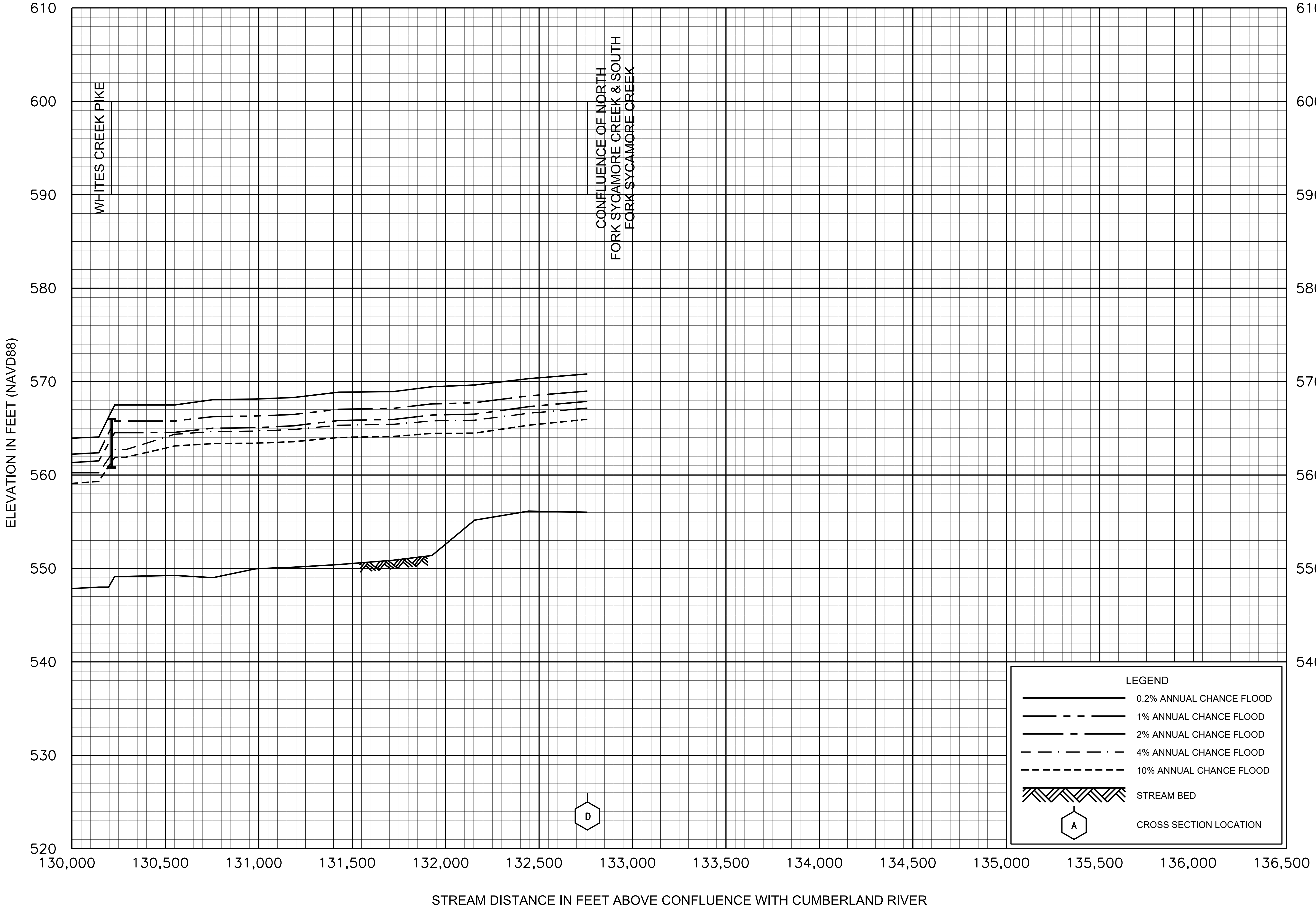
AND INCORPORATED AREAS



FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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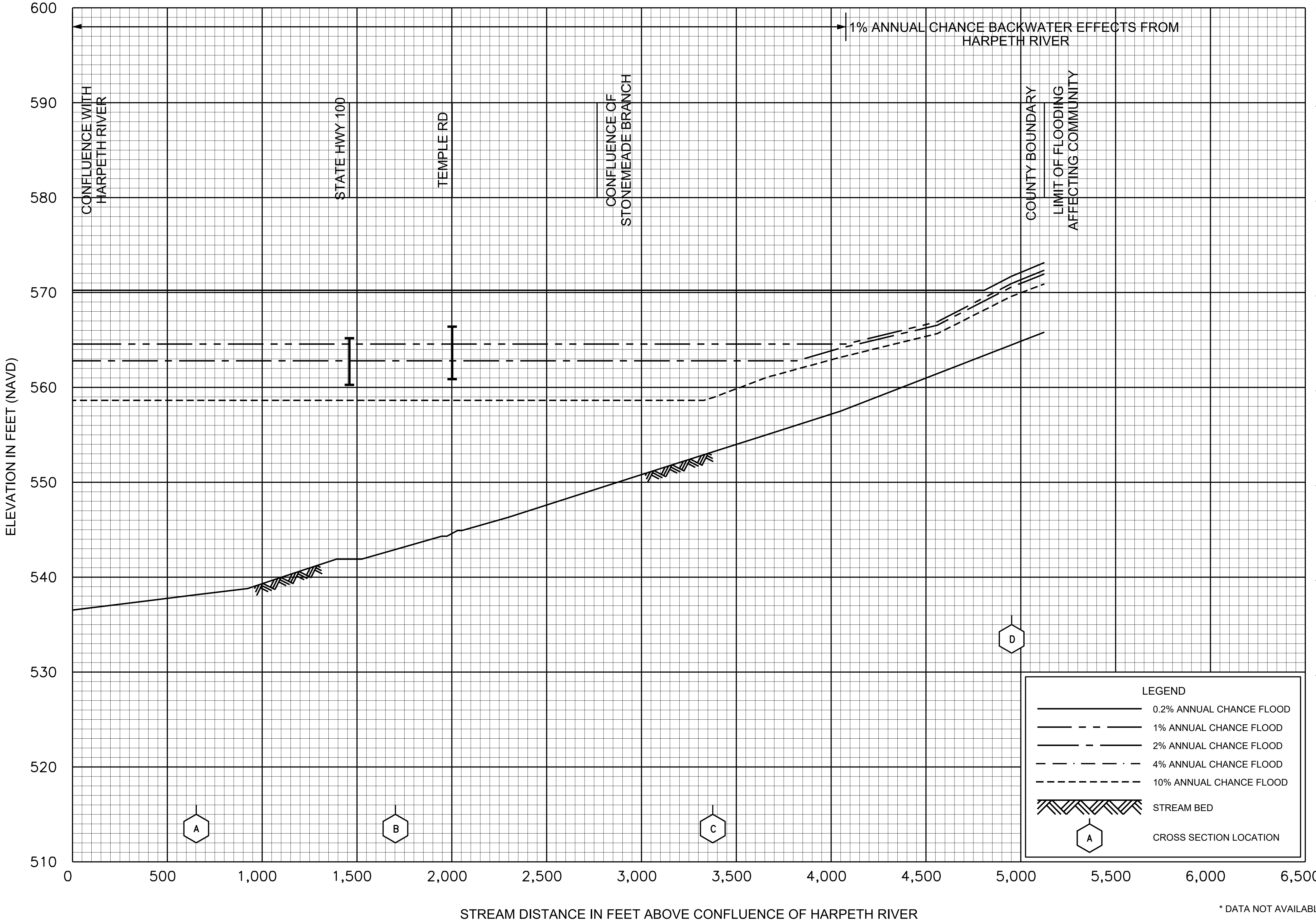
AND INCORPORATED AREAS



FLOOD PROFILES

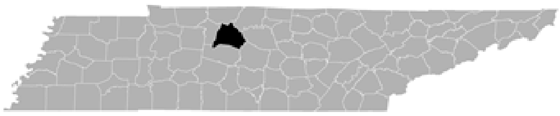
TRACE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 11 OF 11



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BELLE MEADE, CITY OF	470408
BERRY HILL, CITY OF	470406
FOREST HILLS, CITY OF	470407
GOODLETTSVILLE, CITY OF	470287
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY	470040
OAK HILL, CITY OF	470351
RIDGETOP, CITY OF*	470162

* No Special Flood Hazard Areas Identified

FEMA

REVISED:

June 20, 2024

FLOOD INSURANCE STUDY NUMBER
47037CV011D
Version Number 2.6.3.0

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Exhibit 1

Flood Profiles	Panel
Apple Valley Branch	001-002 P
Bakers Fork	003-006b P
Bakers Fork Tributary	007-008 P
Barrywood Branch	009-010 P
Bear Hollow Branch	011-012 P
Belle Meade Branch	013-015 P
Brentwood Branch	016-017 P
Browns Creek	018-021 P
Buffalo Creek	021a-023 P
Bull Run	024-028 P
Carney Creek	029-030 P
Claylick Creek	031-033 P
Claylick Creek Overflow	034 P
Collins Creek	035-036 P
Cooper Creek	037-040 P
Cooper Creek Tributary 1	041-042 P
Cooper Creek Tributary 2	043 P
Crocker Springs Branch	044-045 P
Crocker Springs Branch Tributary 1	046 P
Cub Creek	047-049a P
Cumberland River	050-060 P
Cumberland River - Old Hickory Lake	061-062 P
Cummings Branch	063-065 P
Davidson Branch	066-067 P
Drakes Branch	068-069 P
Dry Creek	070-073 P
Dry Fork	074-076 P
Dry Fork Creek	077-079 P
Dry Fork Tributary 1	080-081 P
Dry Fork Tributary 2	082 P

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Exhibit 1

Volume 9
Exhibit 1

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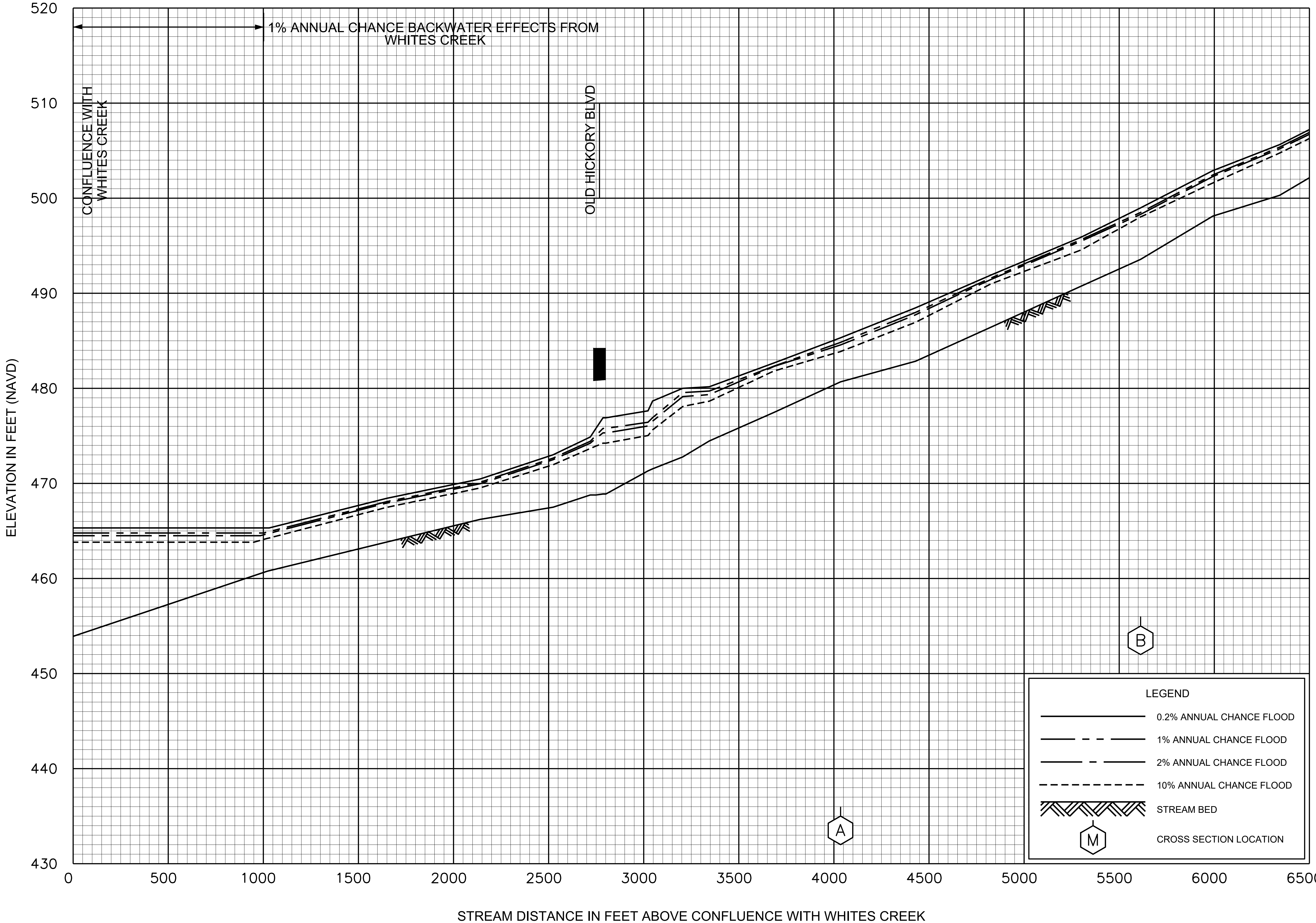
Exhibit 1

Volume 11
Exhibit 1

Published Separately

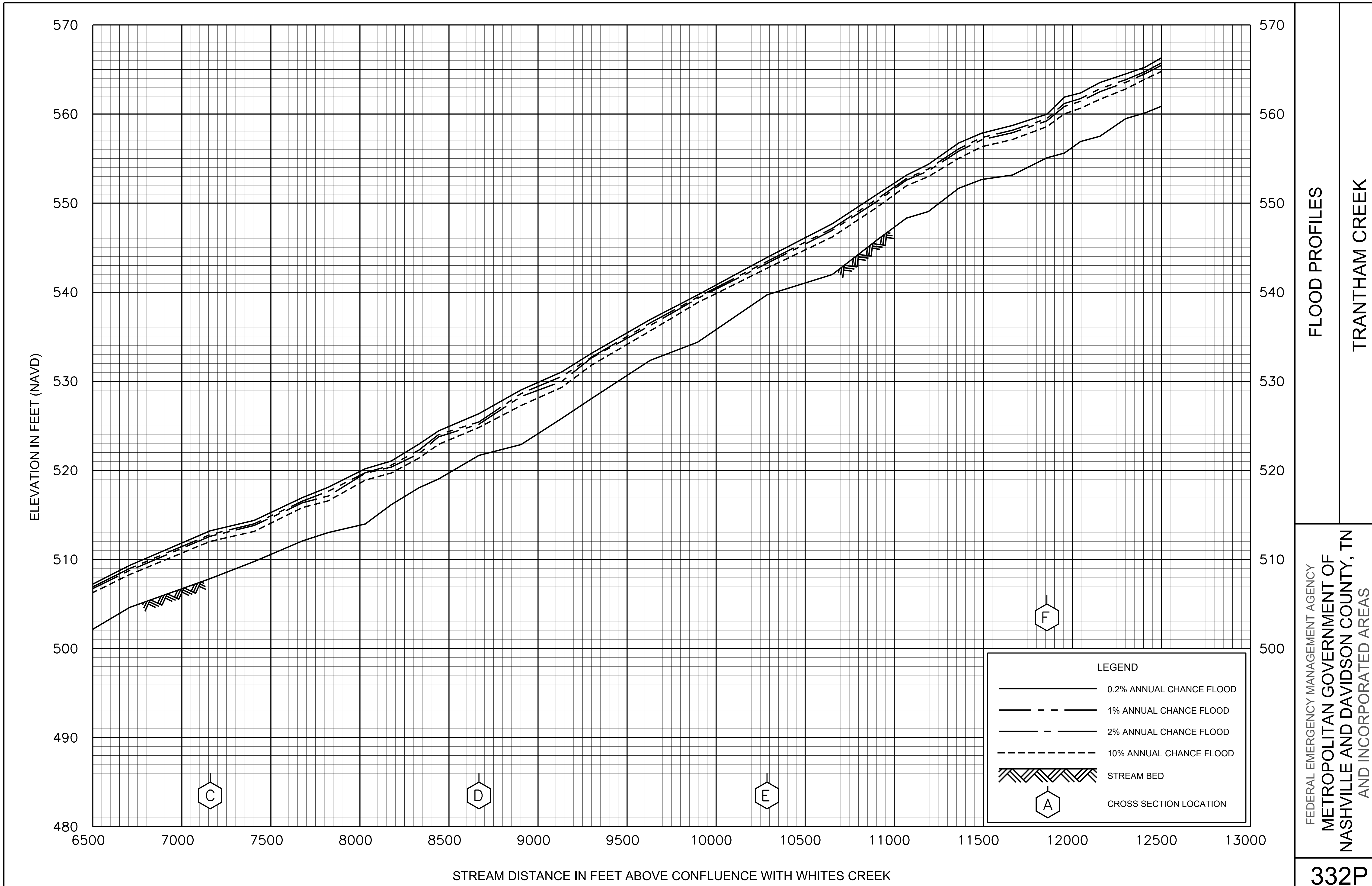
Flood Insurance Rate Map (FIRM)



FLOOD PROFILES

TRANTHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS


ELEVATION IN FEET (NAVD)
570
560
550
540
530
520
510
500
490
480
6500
7000
7500
8000
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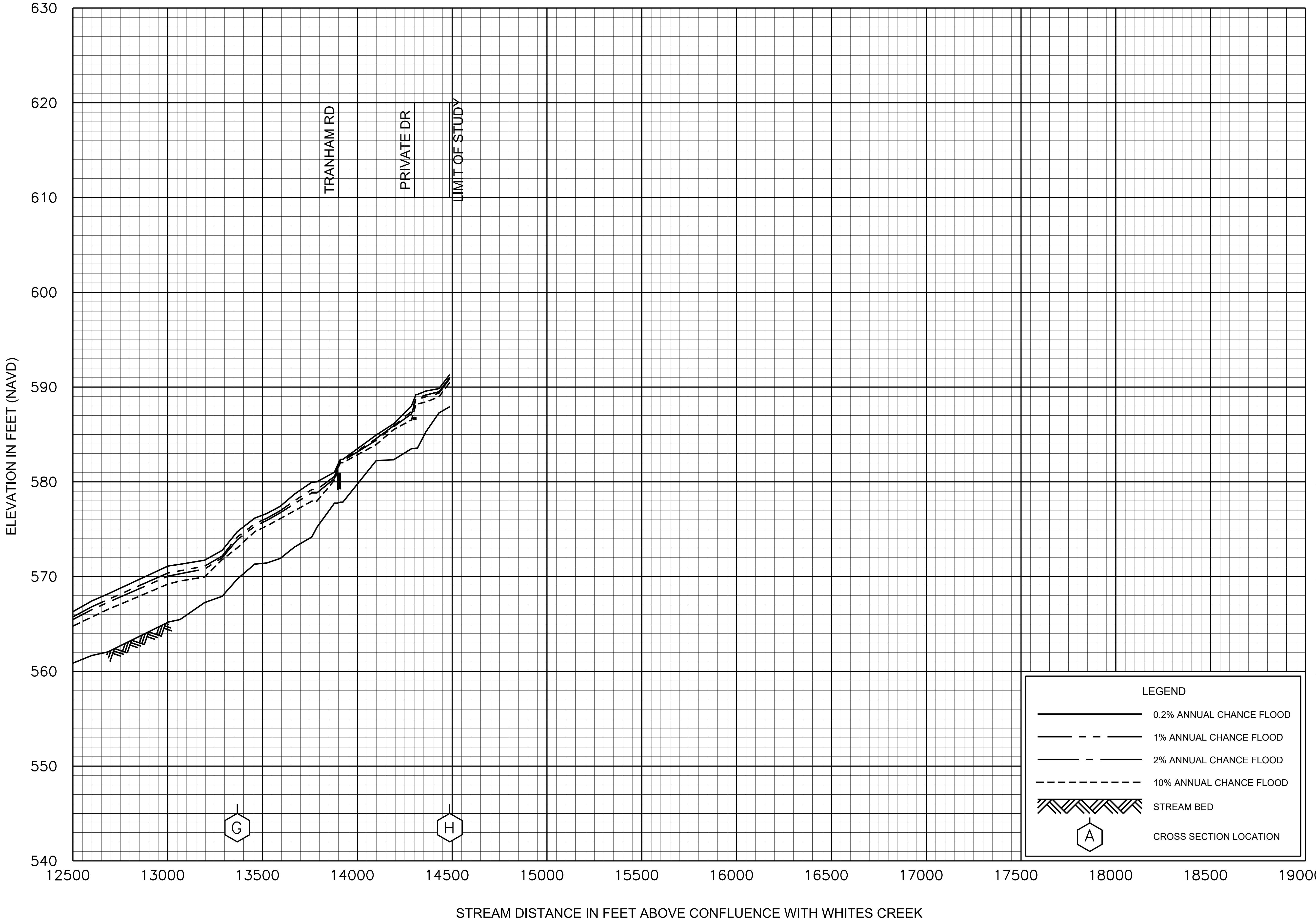
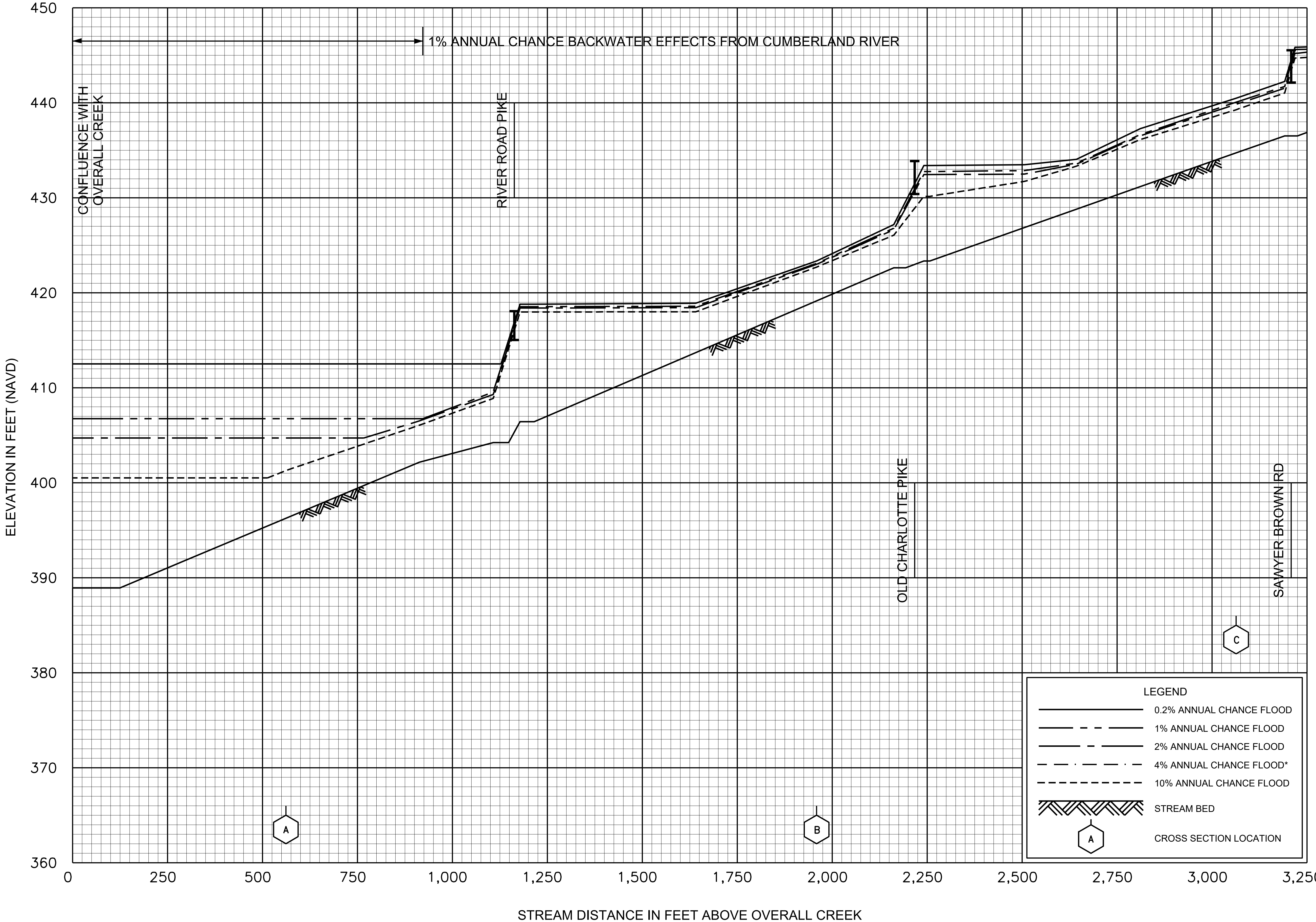
9000
9500
10000
10500
11000
11500
12000
12500
13000
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WHITES CREEK
C
D
E
F
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
A
CROSS SECTION LOCATION
FLOOD PROFILES
TRANTHAM CREEK
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS
332P



FLOOD PROFILES

TRANTHAM CREEK

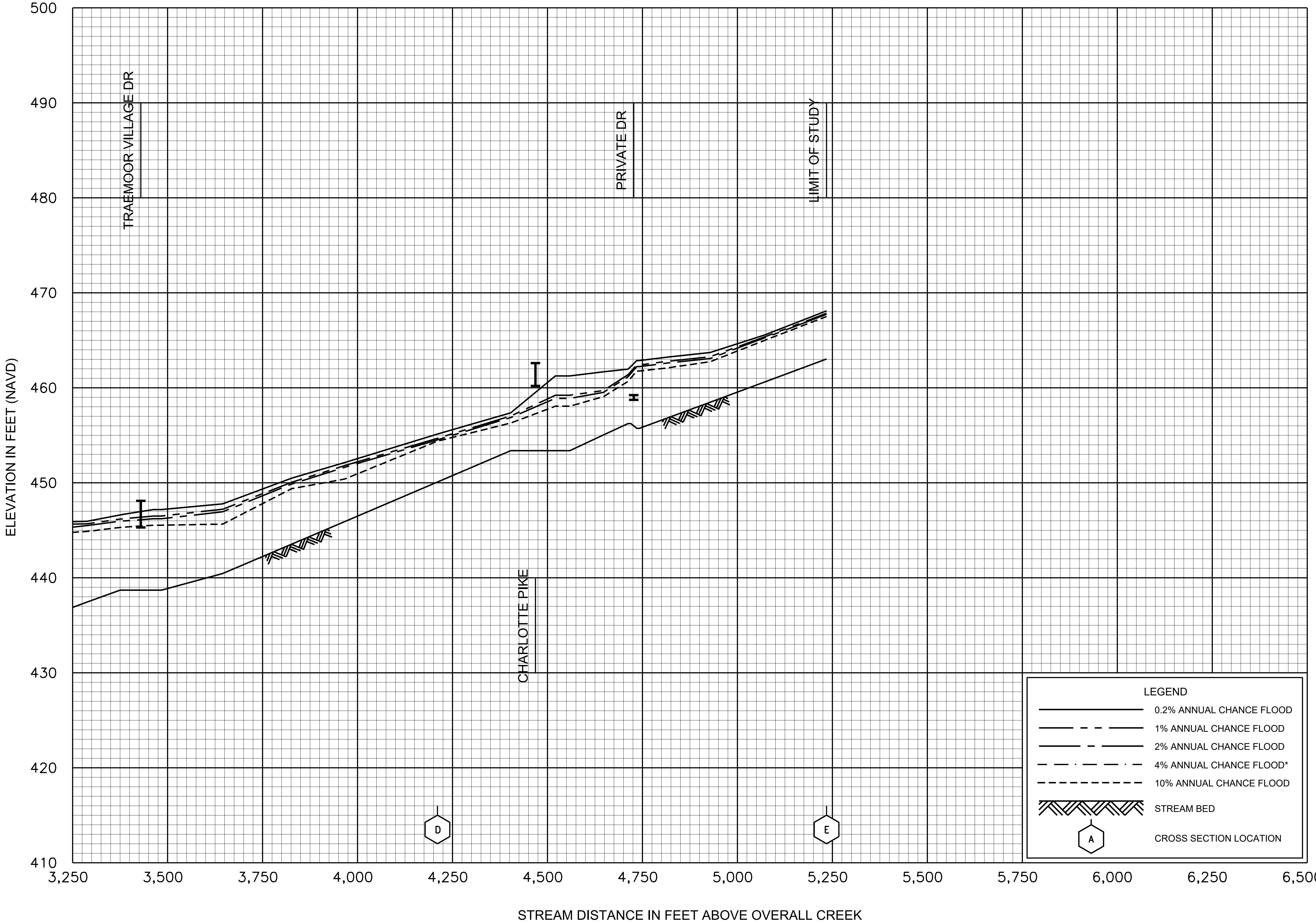
FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

TRIBUTARY NO. 1 TO OVERALL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

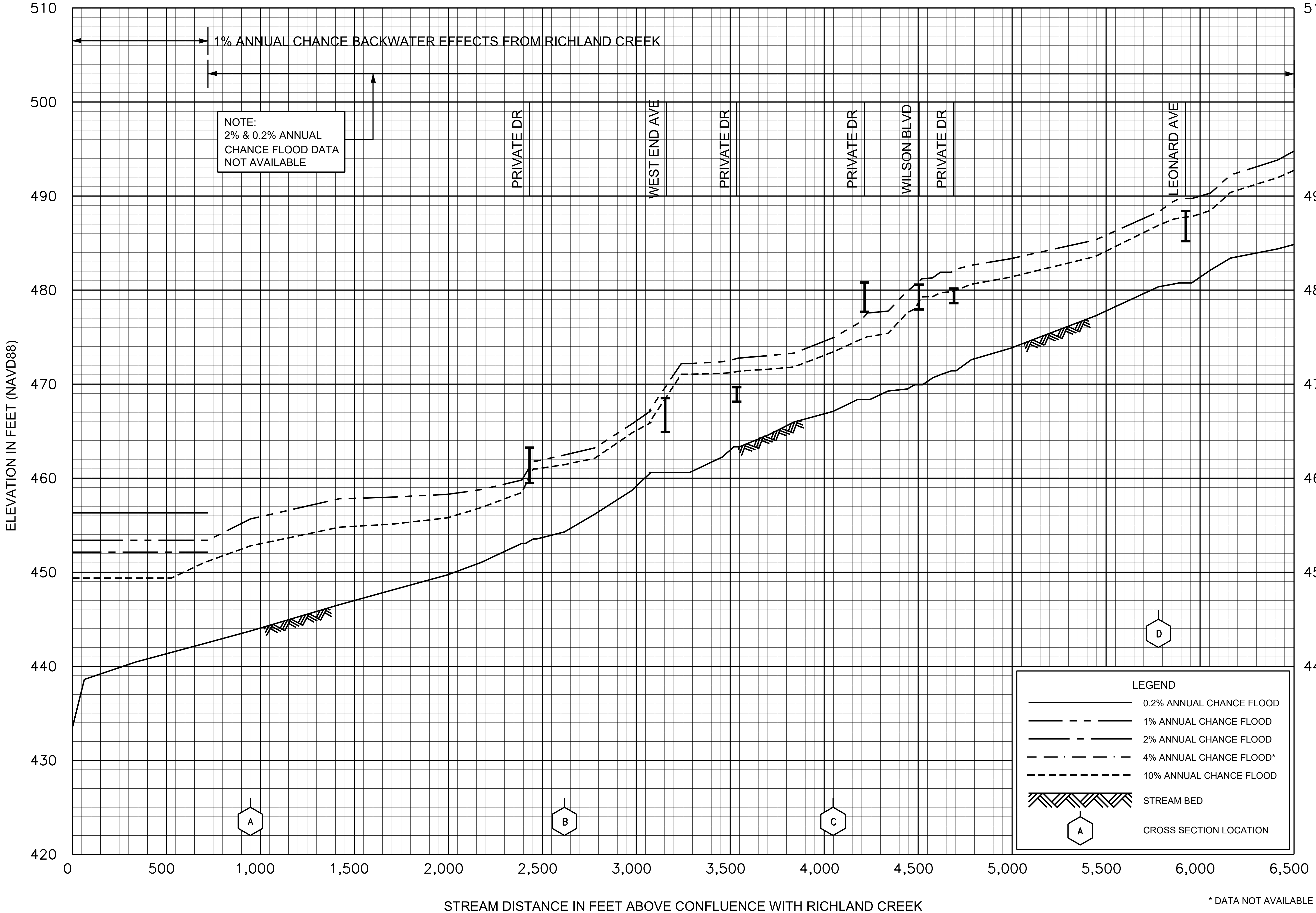


FLOOD PROFILES

TRIBUTARY NO. 1 TO OVERALL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

TRIBUTARY TO RICHLAND CREEK

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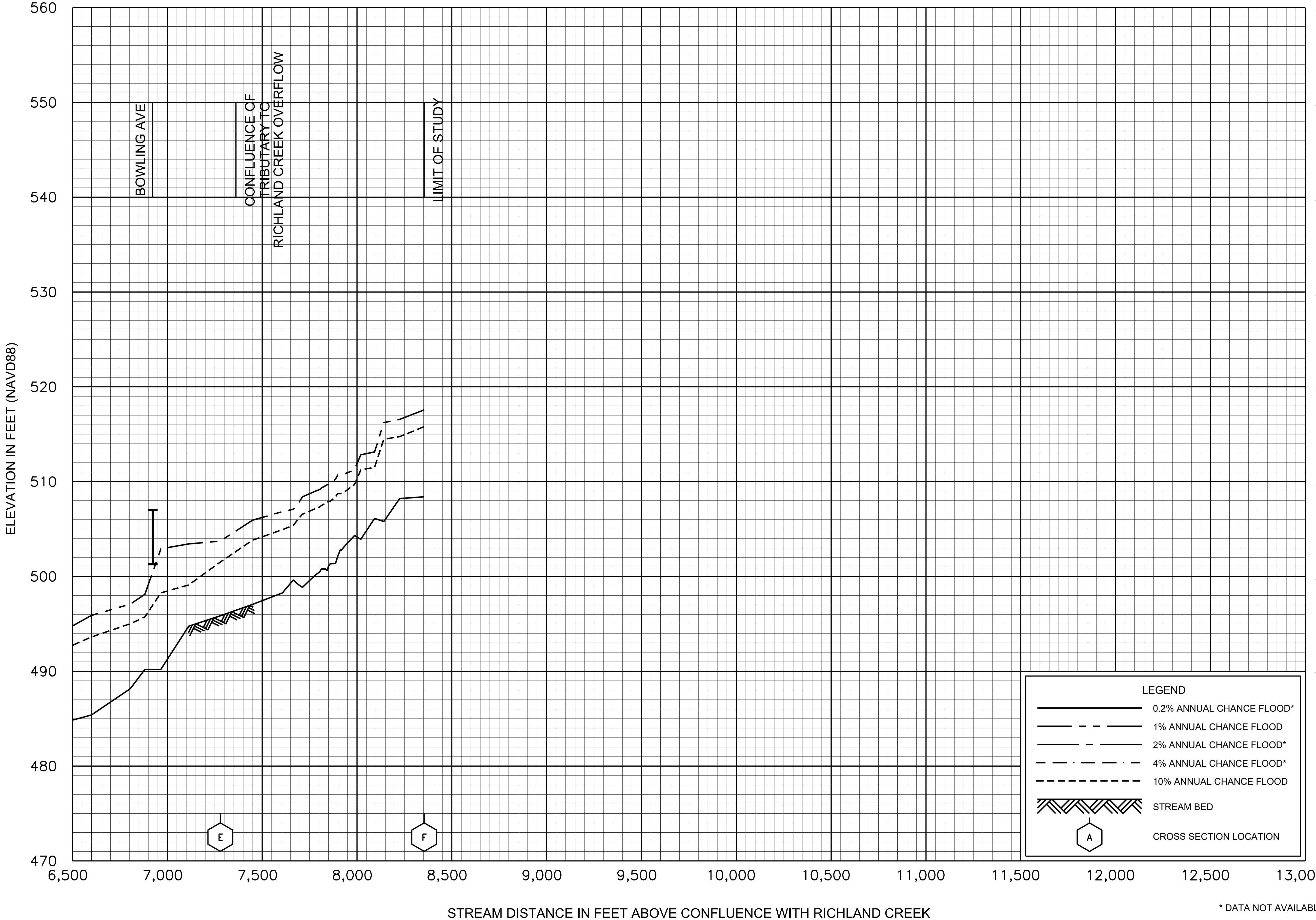
AND INCORPORATED AREAS



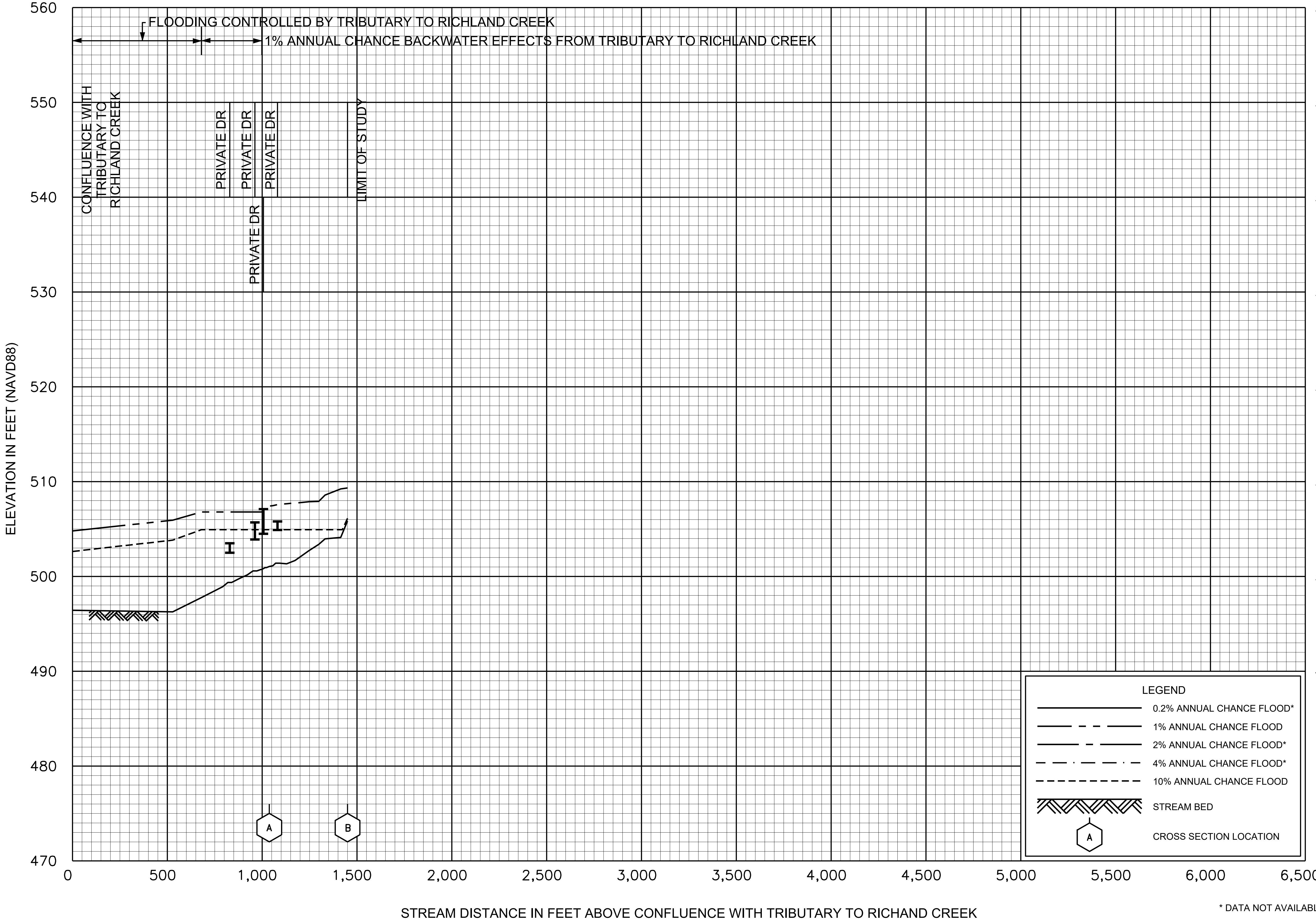
FLOOD PROFILES

TRIBUTARY TO RICHLAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

337P

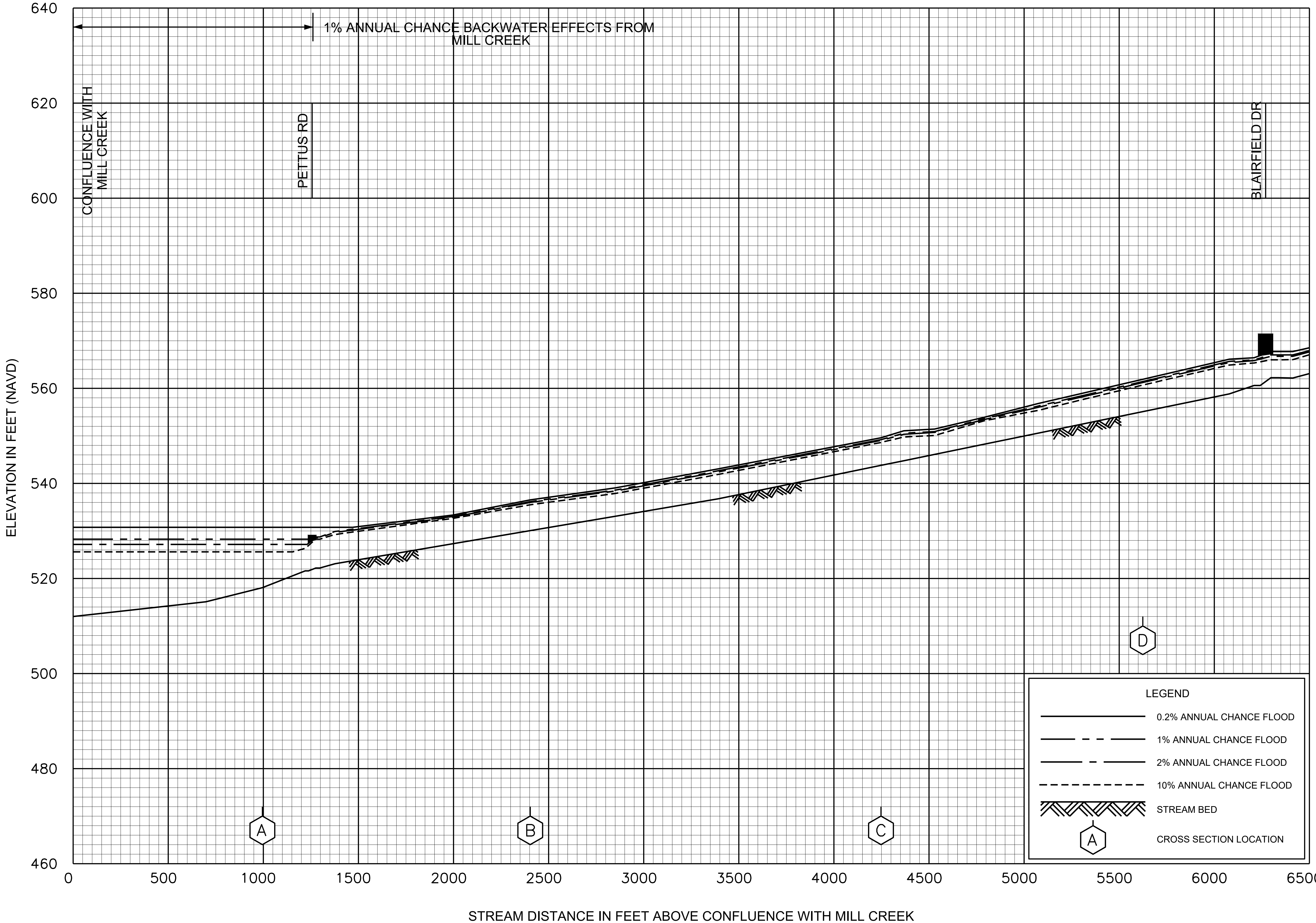


FLOOD PROFILES

TRIBUTARY TO RICHLAND CREEK OVERFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

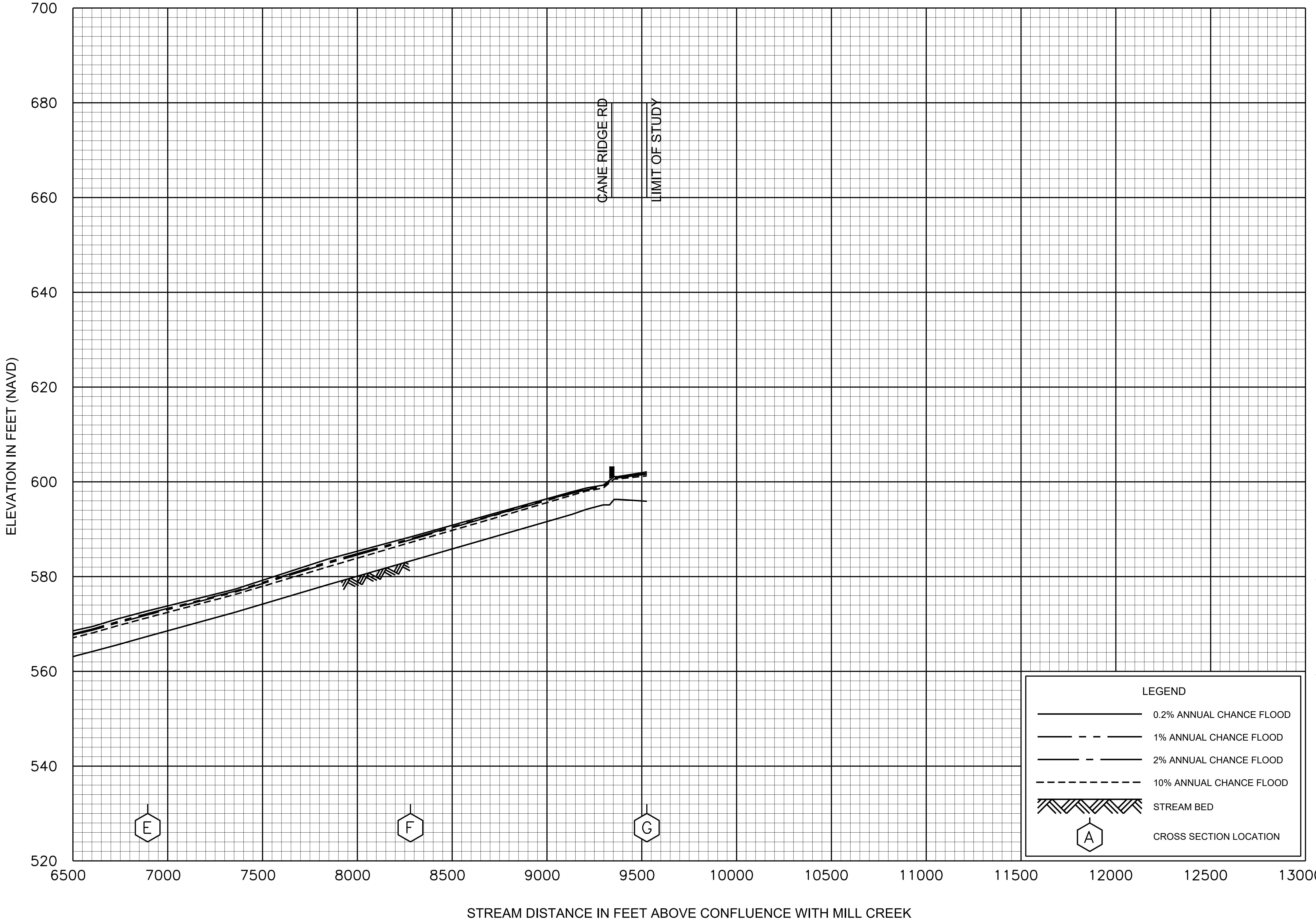
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

TURKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



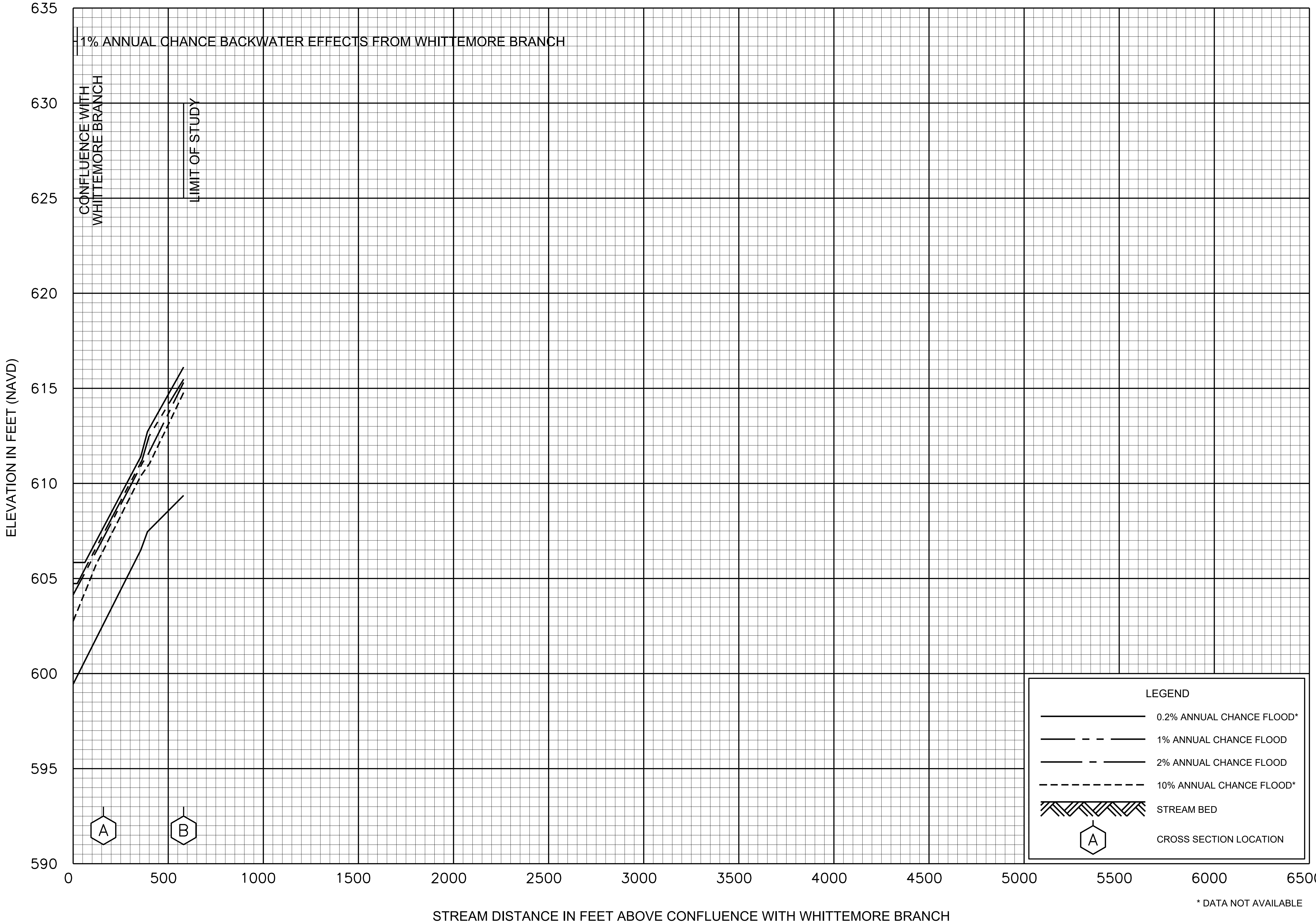
FLOOD PROFILES

TURKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

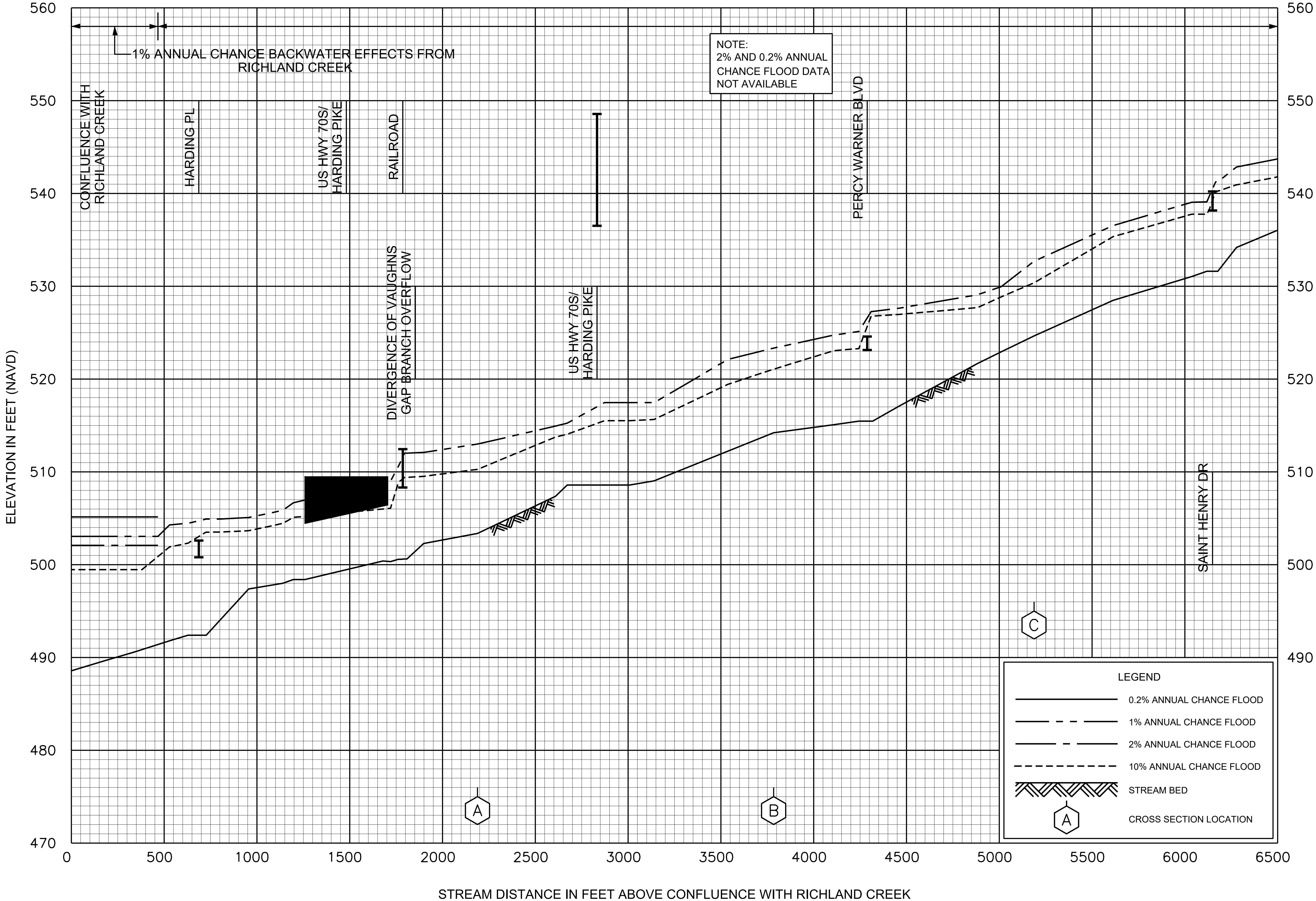


FLOOD PROFILES

UNNAMED TRIBUTARY TO WHITTEMORE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

VAUGHNS GAP BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
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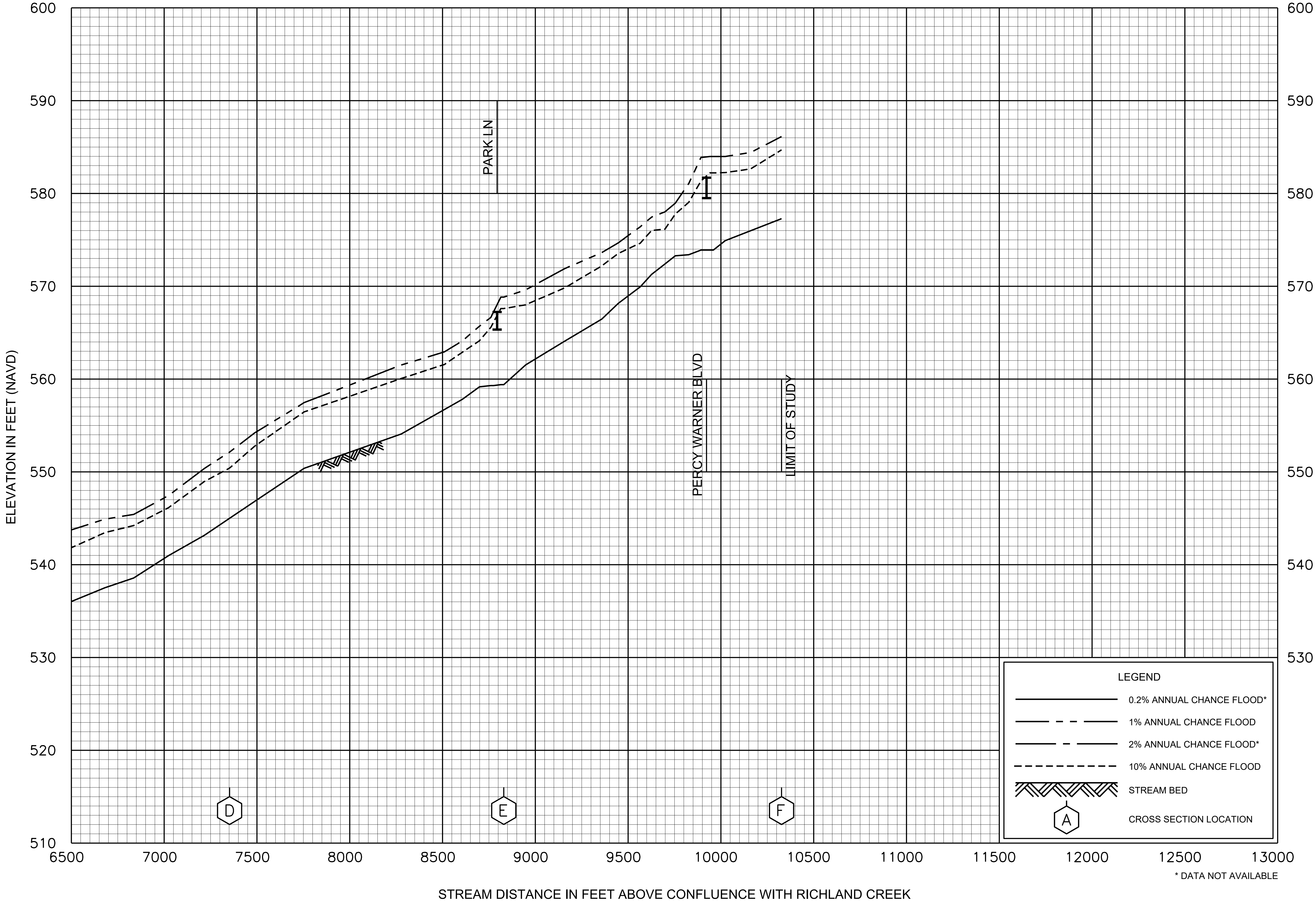
AND INCORPORATED AREAS



FLOOD PROFILES

VAUGHNS GAP BRANCH

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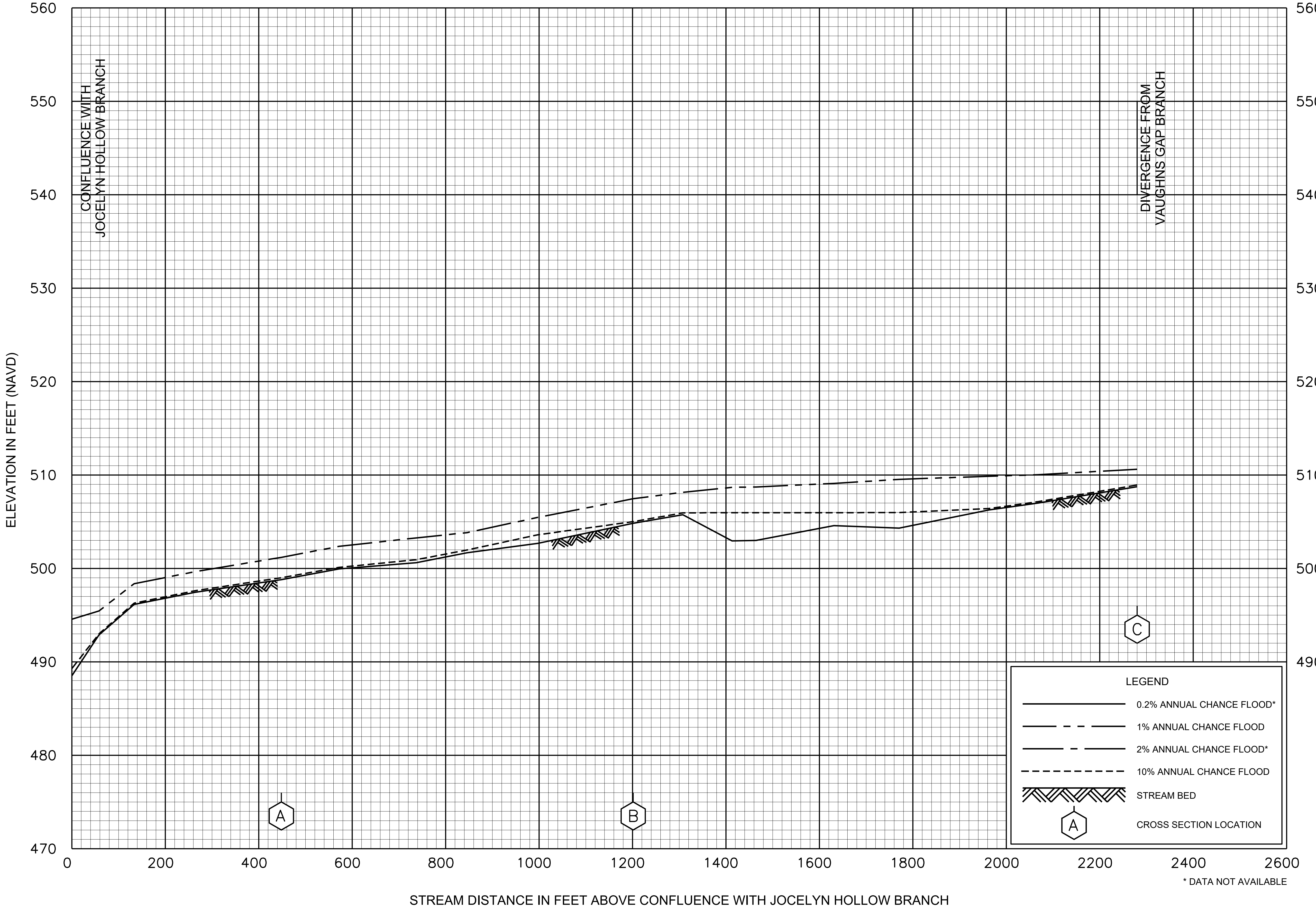
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

VAUGHNS GAP BRANCH OVERFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

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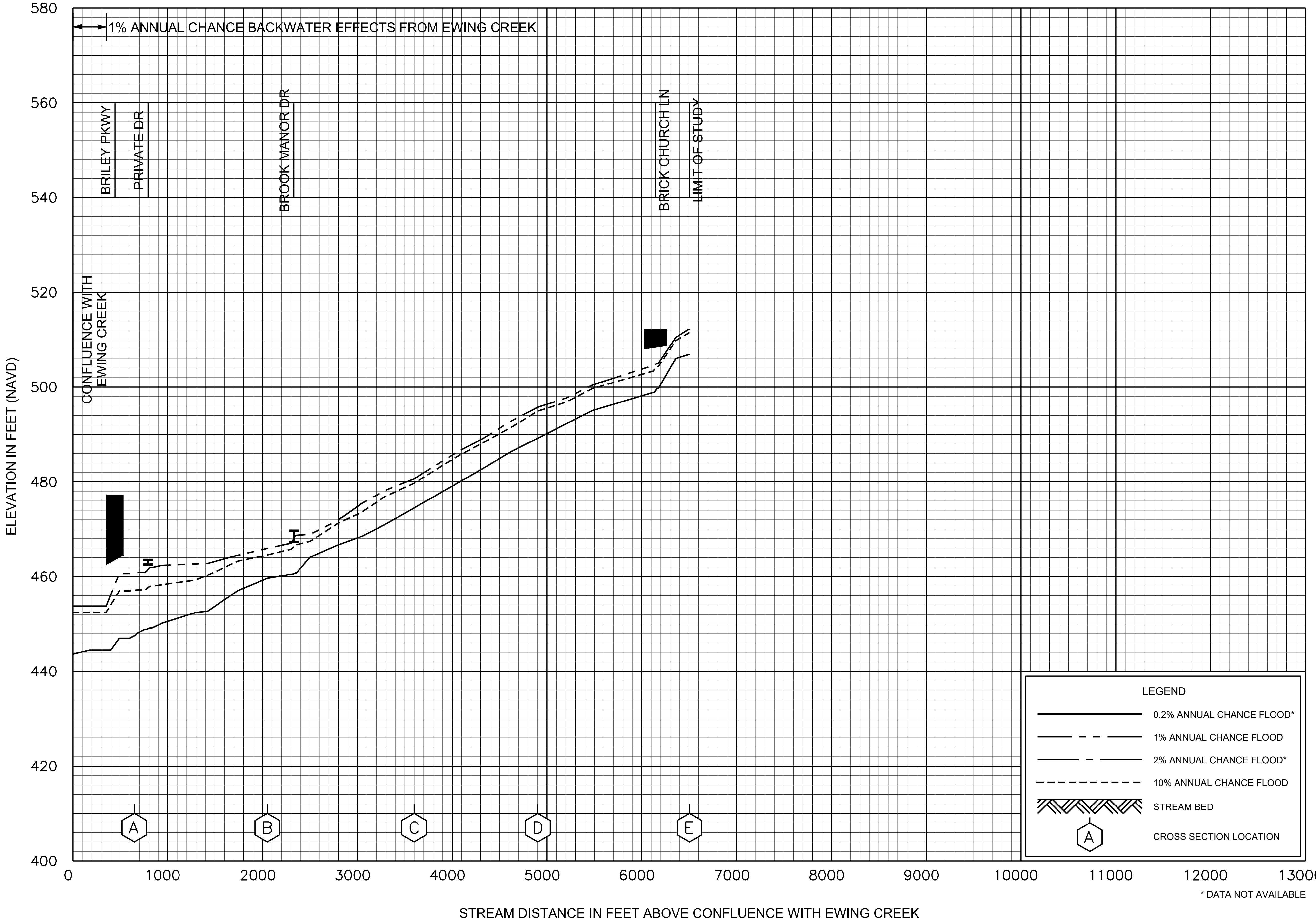

FLOOD PROFILES

VHOINS BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
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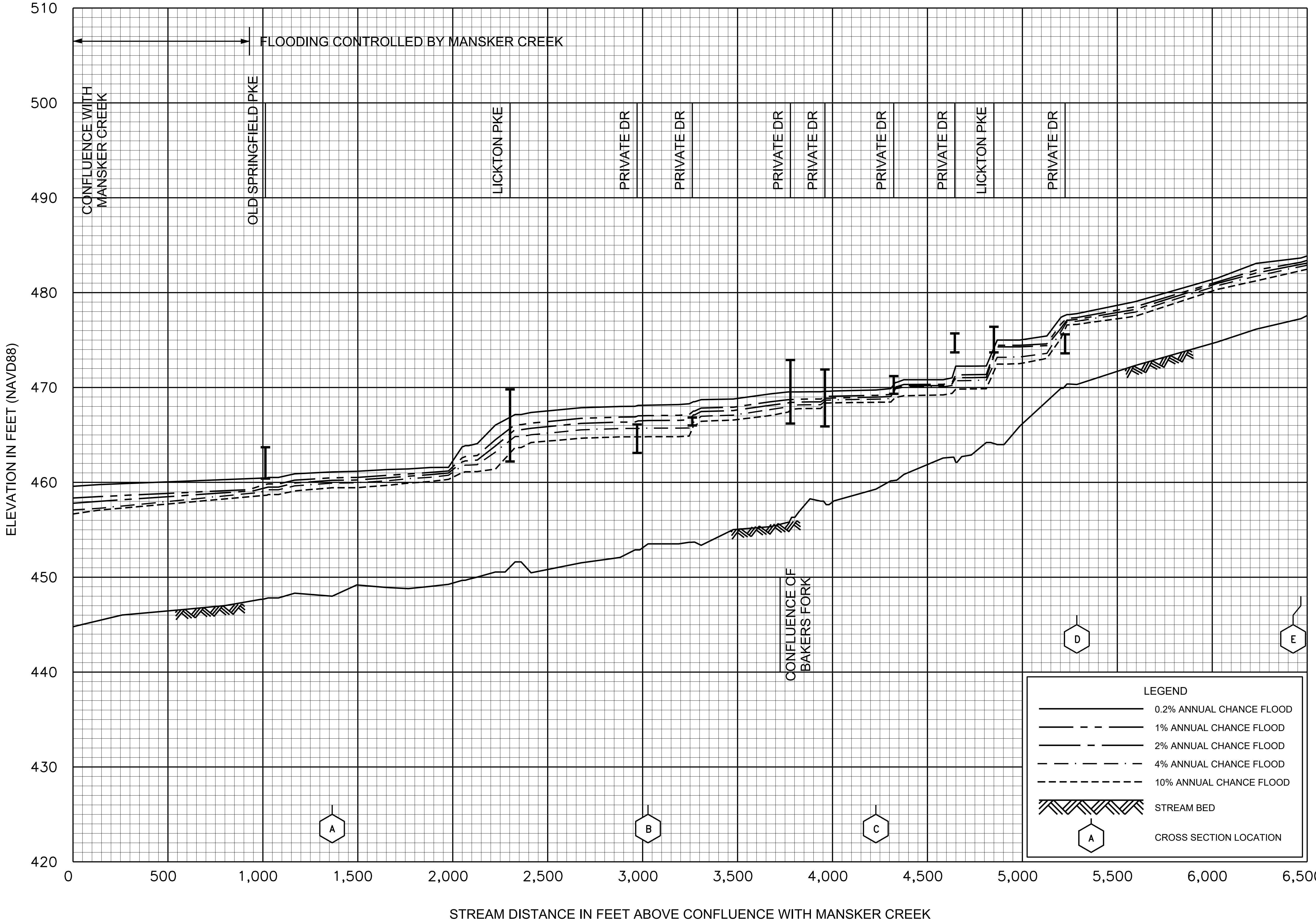
AND INCORPORATED AREAS

345P



FLOOD PROFILES

WALKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
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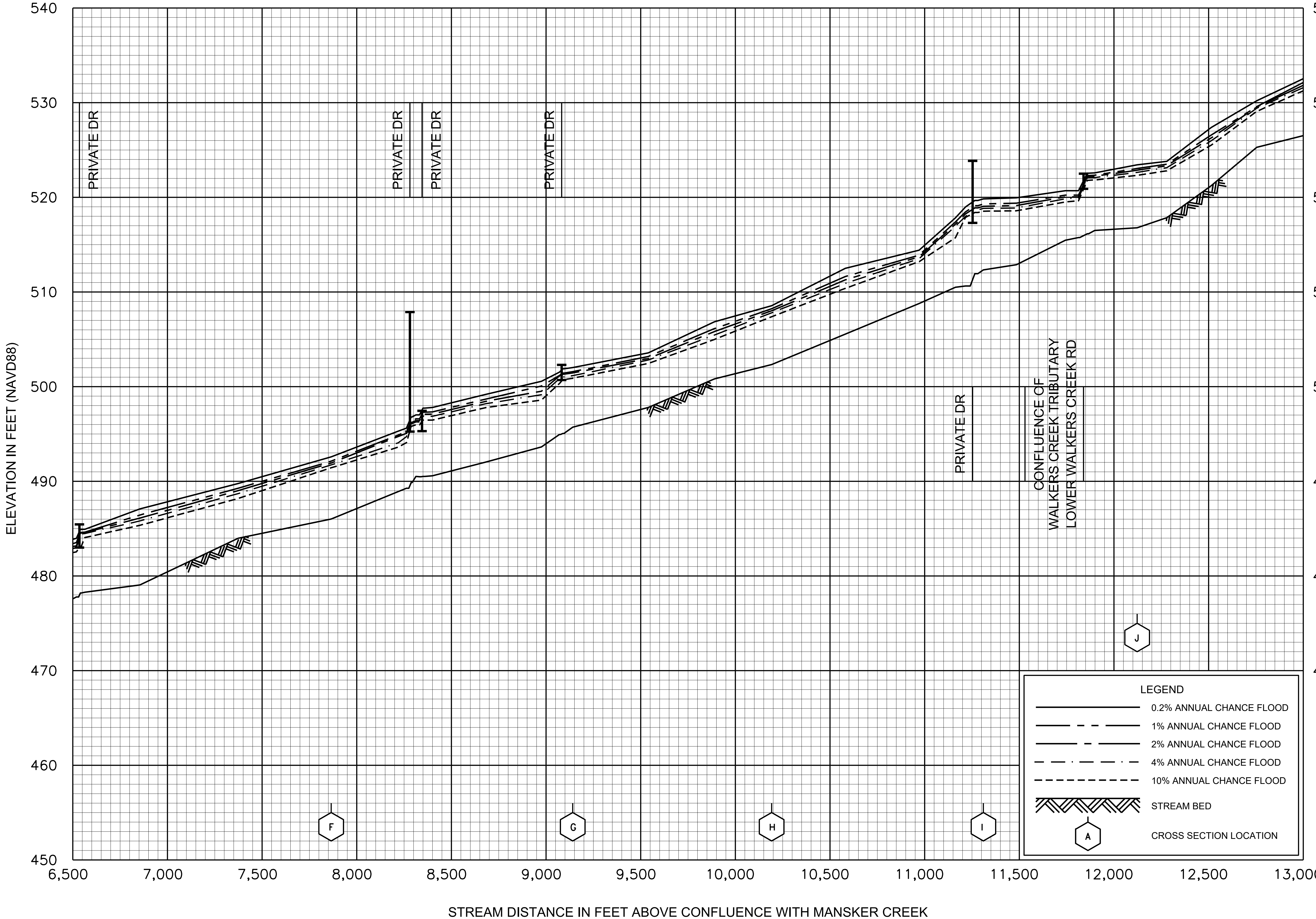
AND INCORPORATED AREAS



FLOOD PROFILES

WALKERS CREEK

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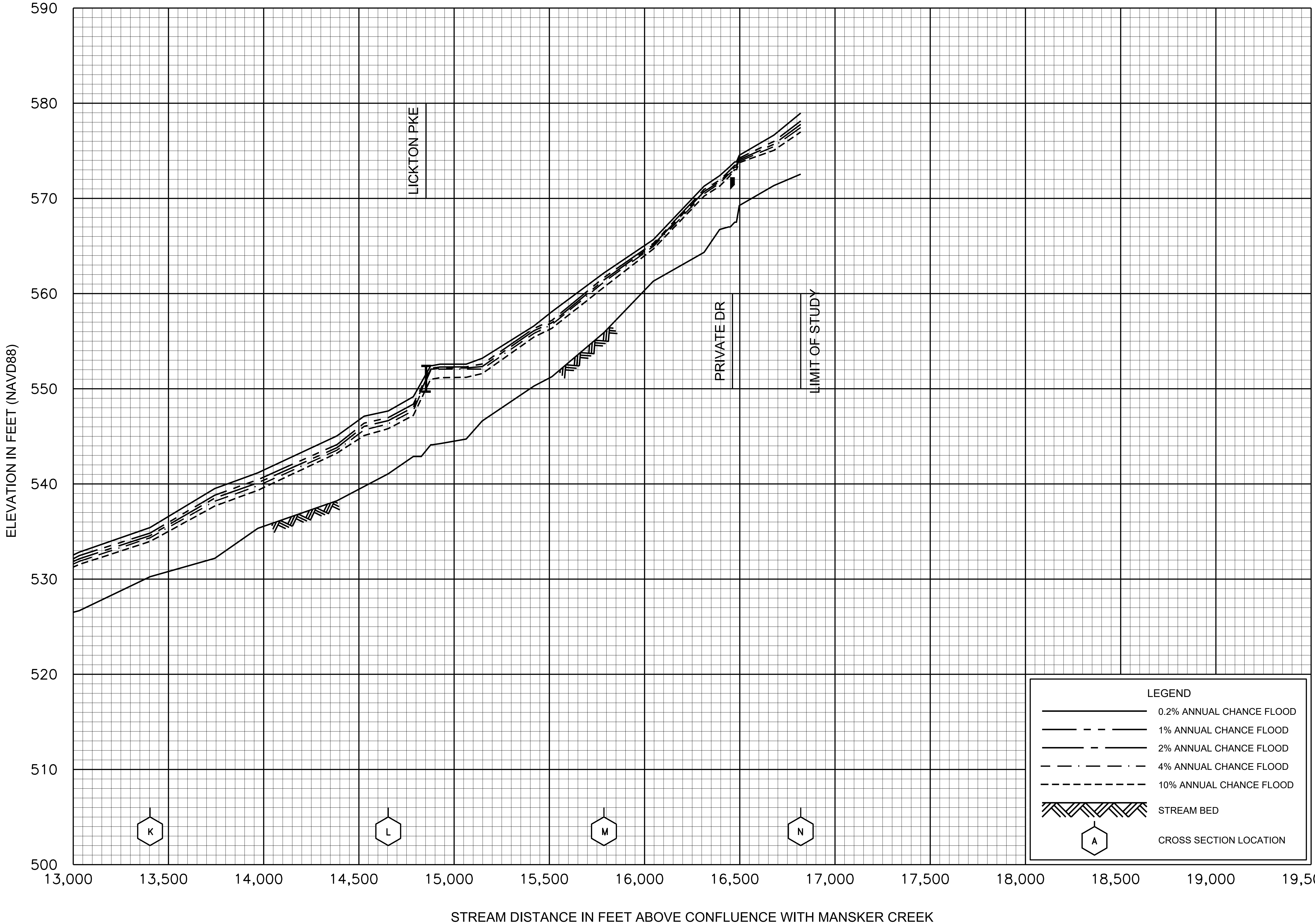
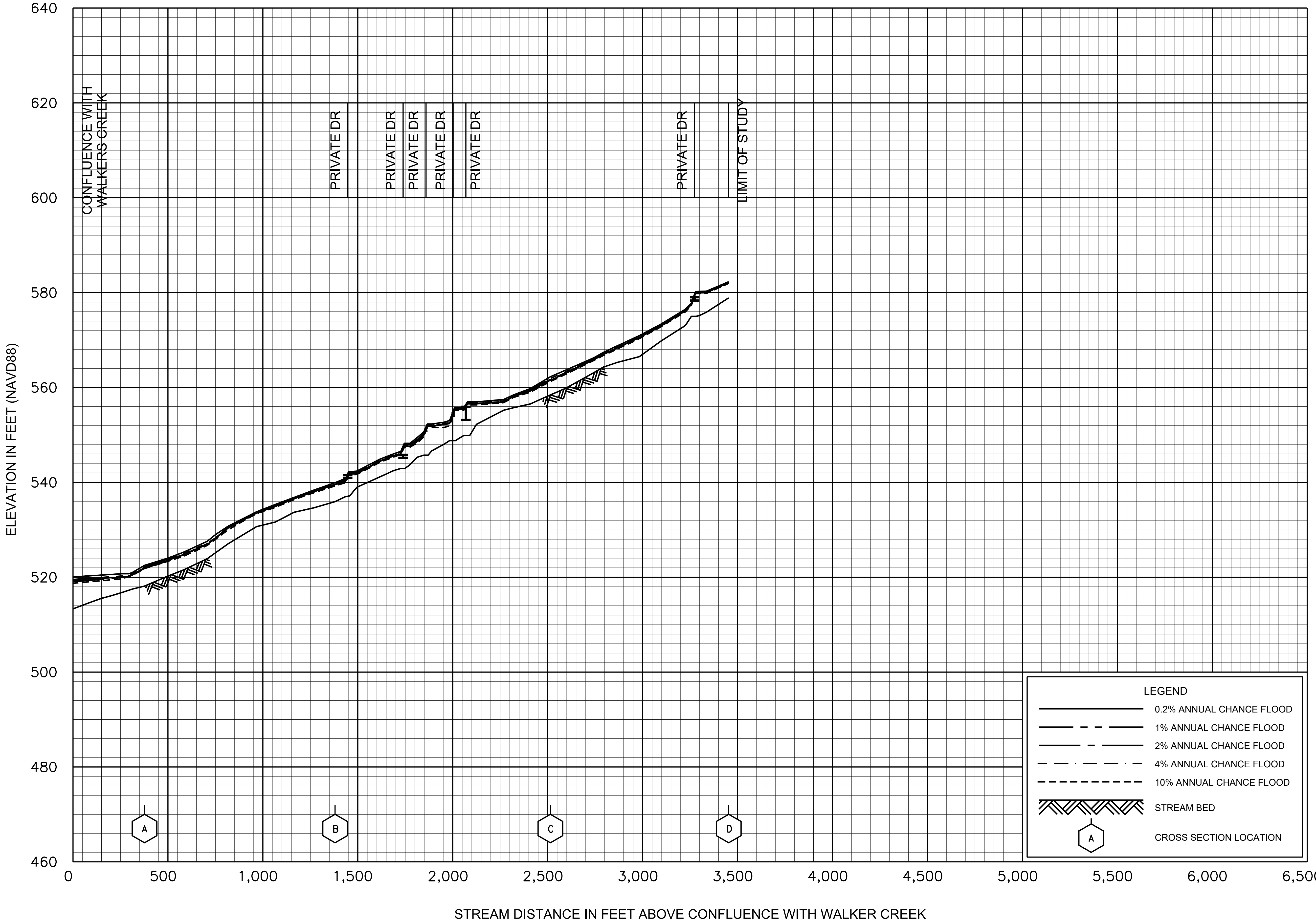


FLOOD PROFILES

WALKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

348P



FLOOD PROFILES

WALKER CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
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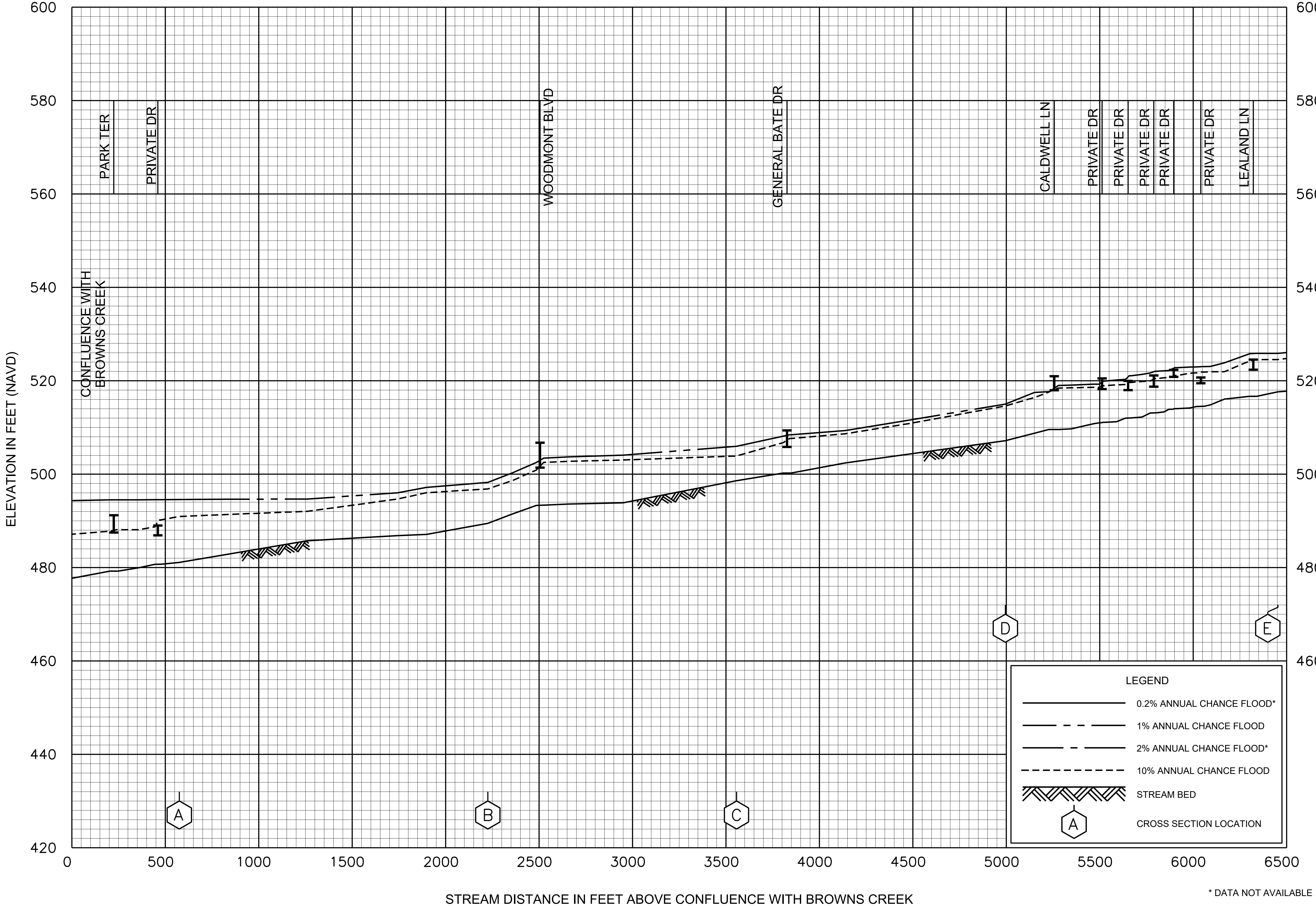
AND INCORPORATED AREAS

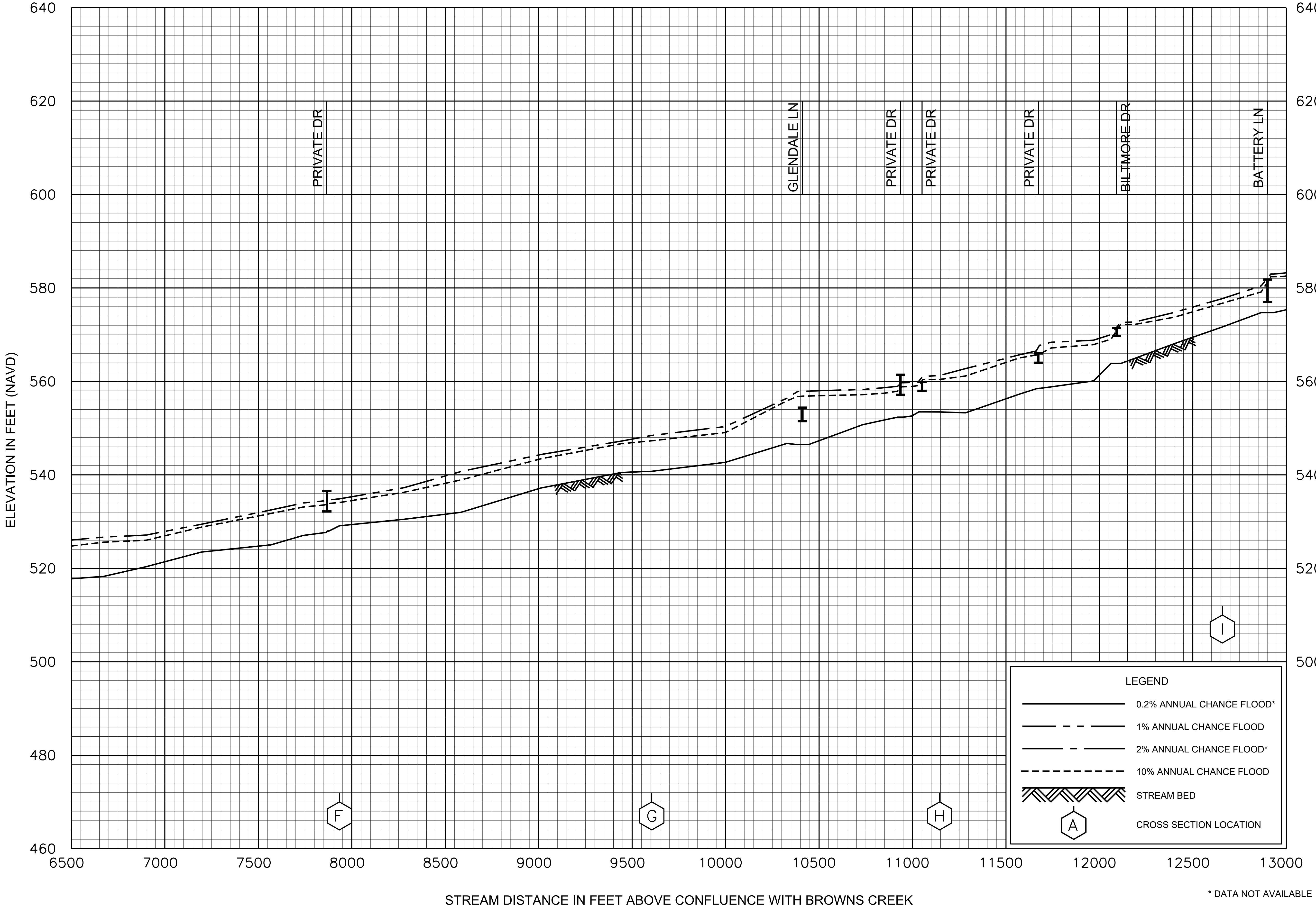


FLOOD PROFILES

WEST FORK BROWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

WEST FORK BROWNS CREEK

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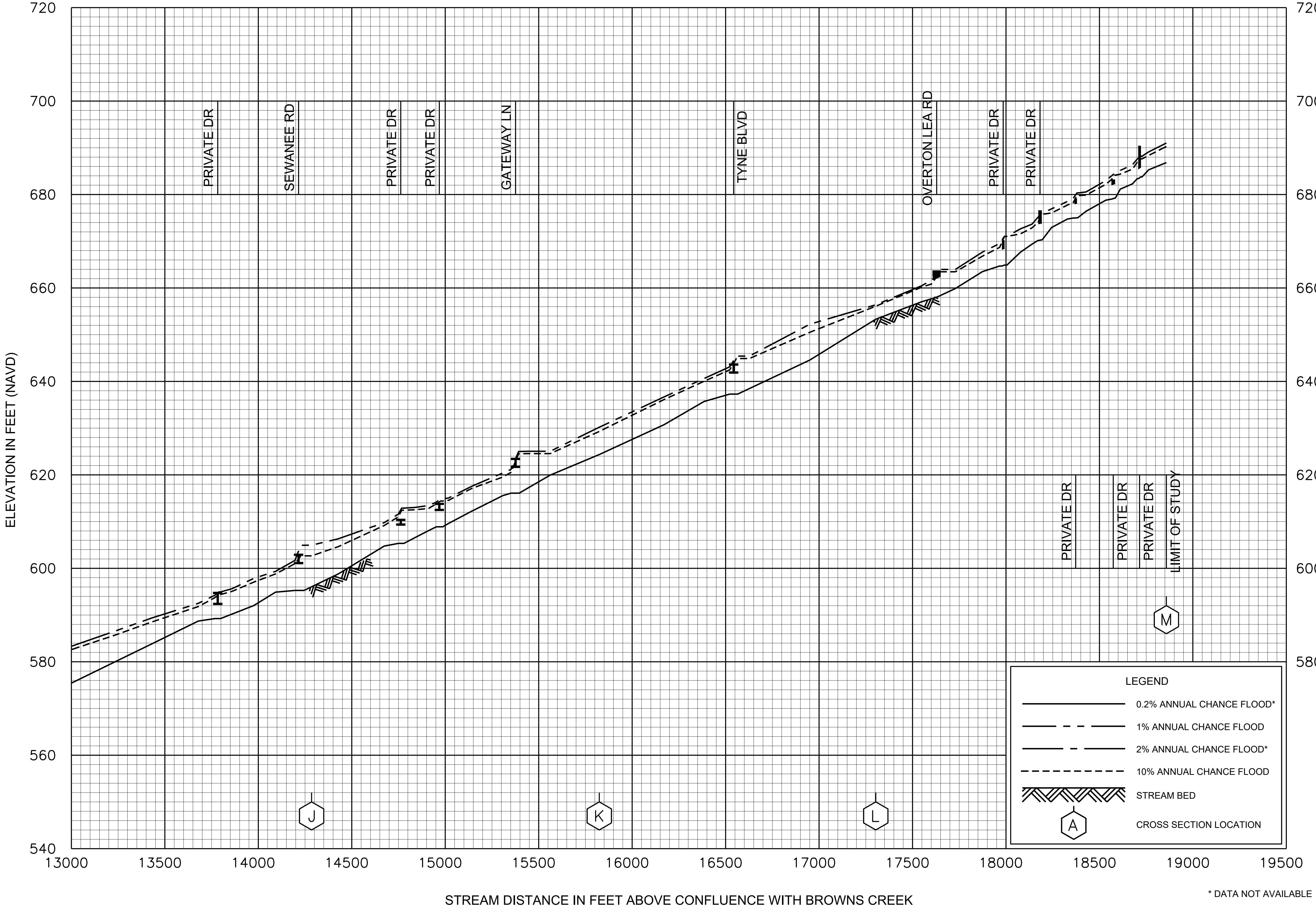
AND INCORPORATED AREAS

351P



* DATA NOT AVAILABLE

FLOOD PROFILES

WEST FORK BROWNS CREEK

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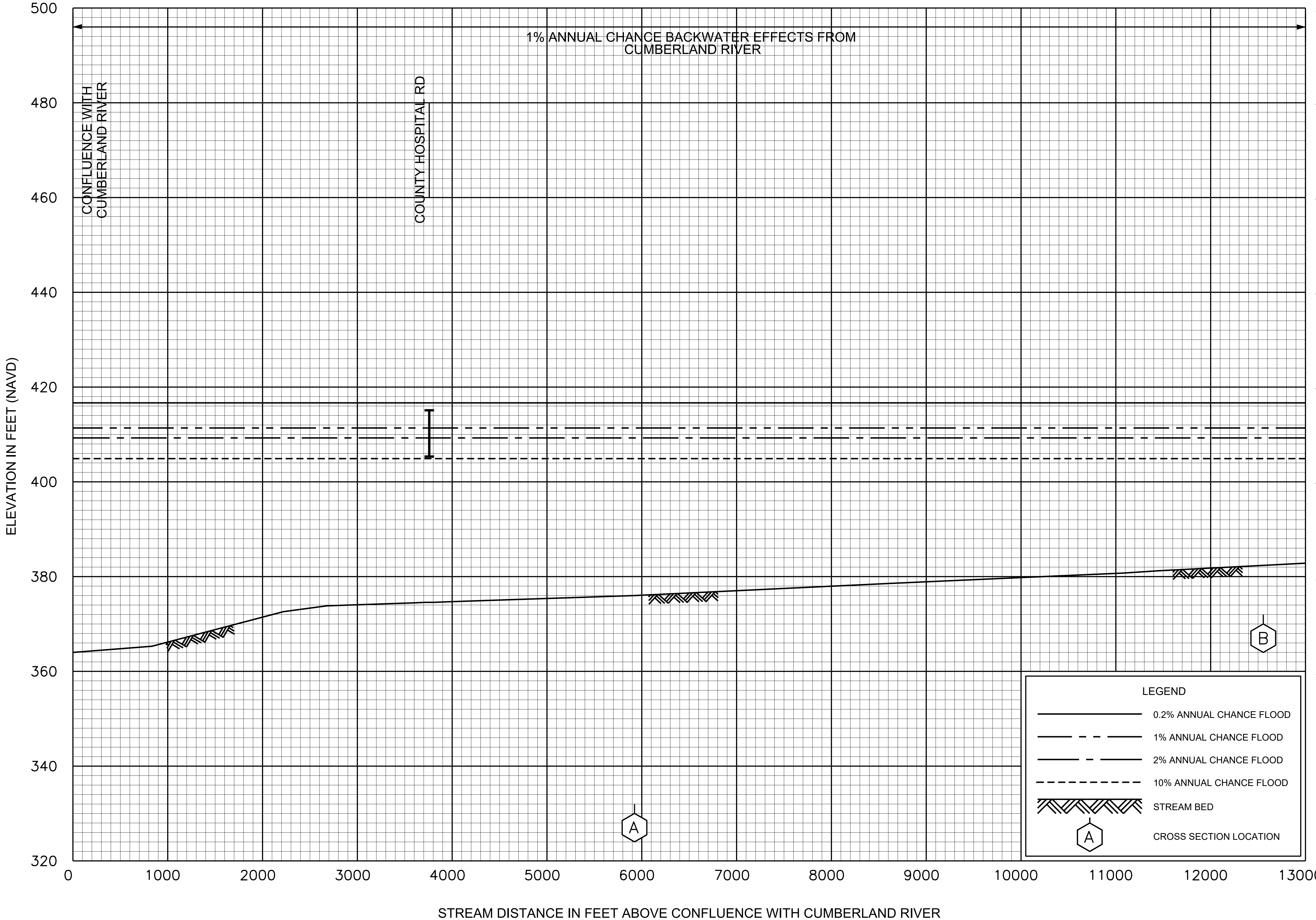

FLOOD PROFILES

WHITES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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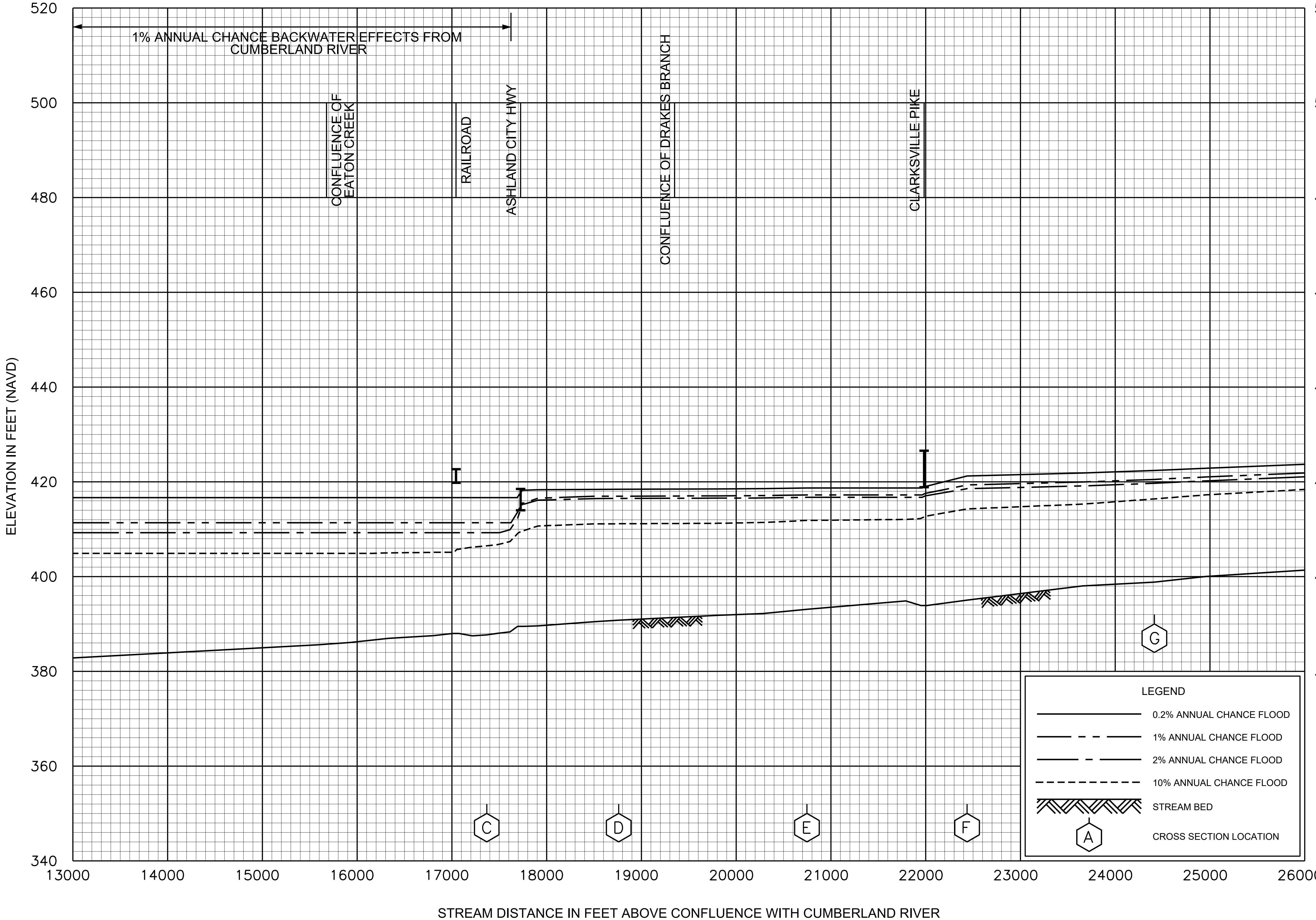

FLOOD PROFILES

WHITES CREEK

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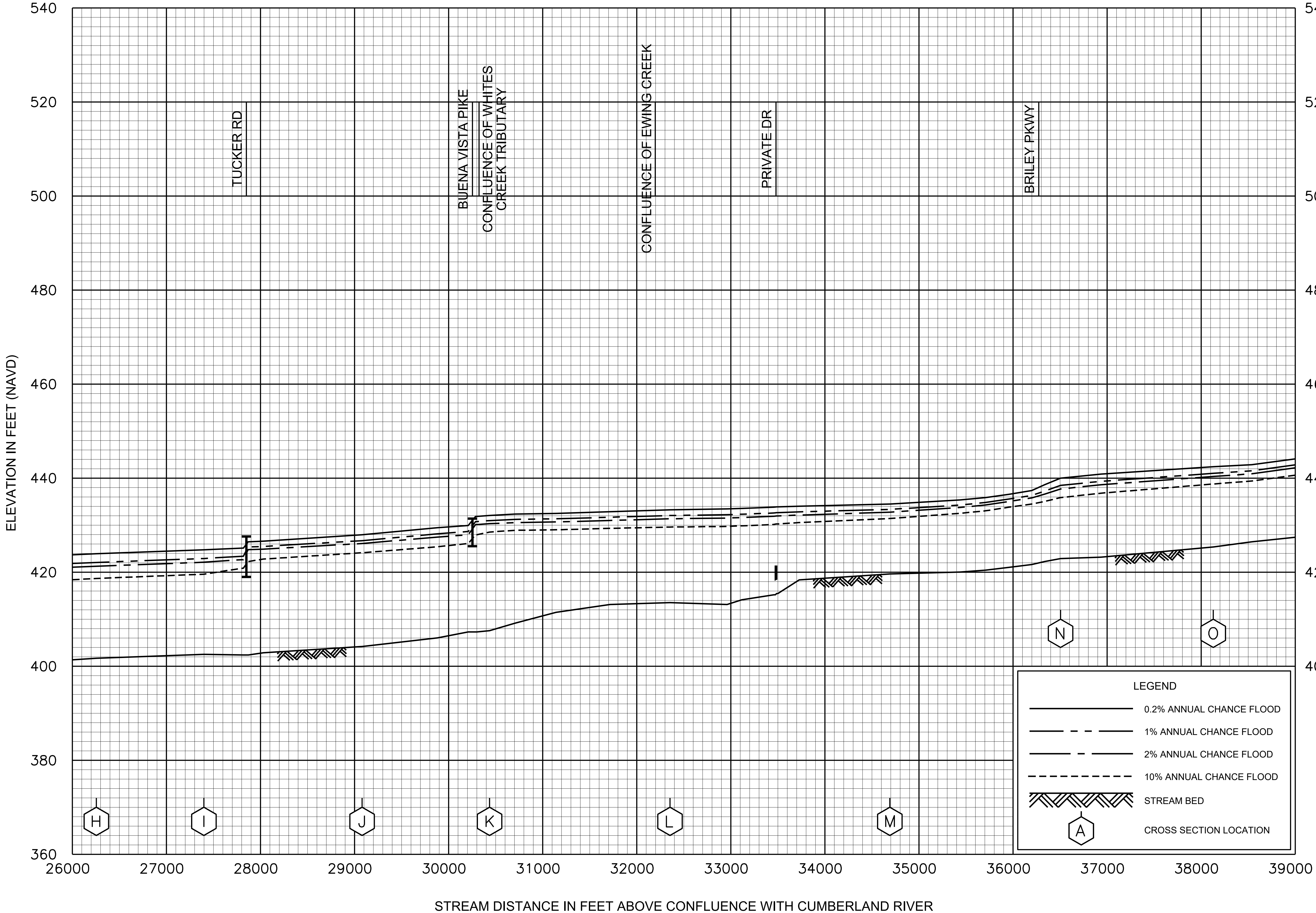

FLOOD PROFILES

WHITES CREEK

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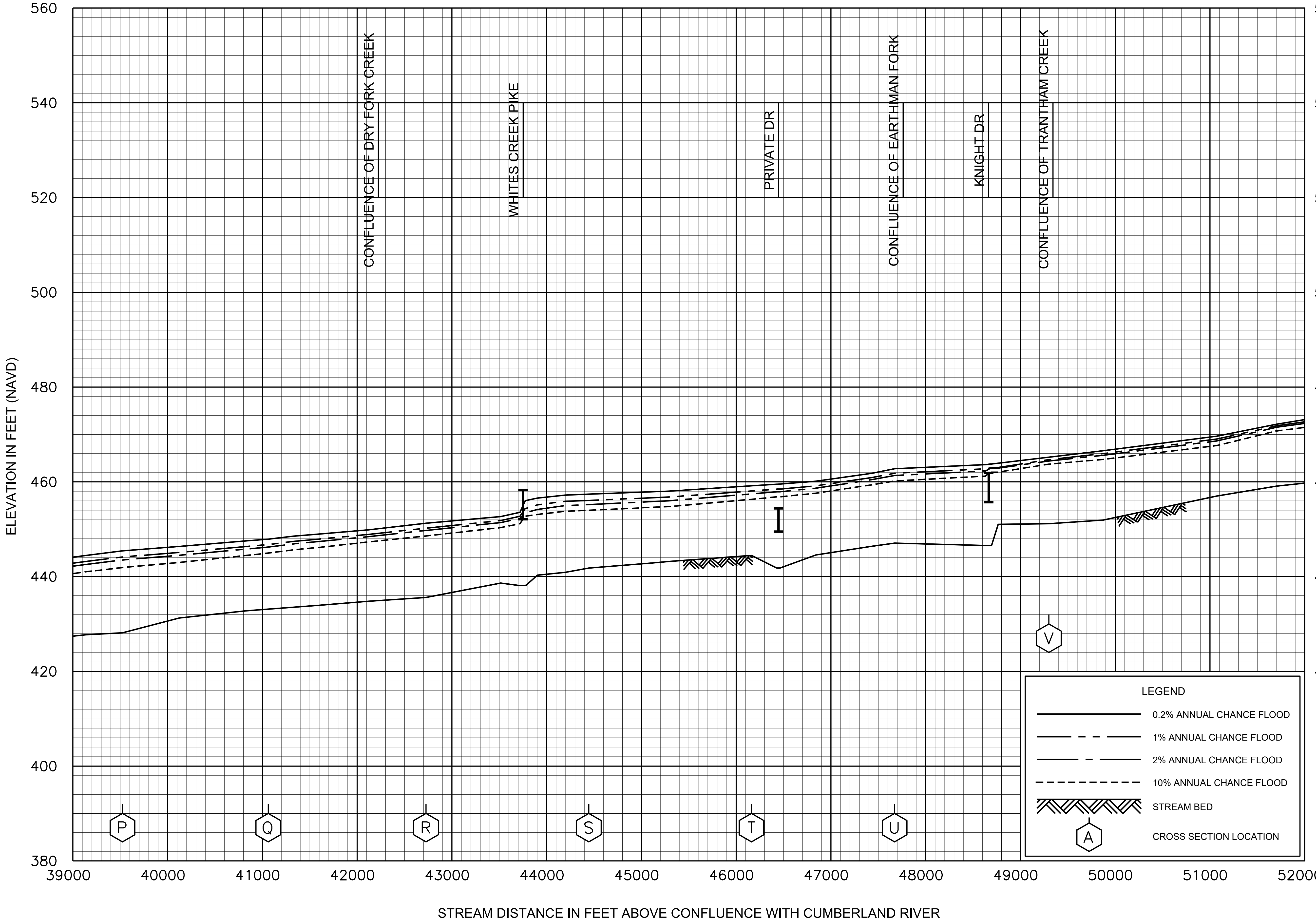
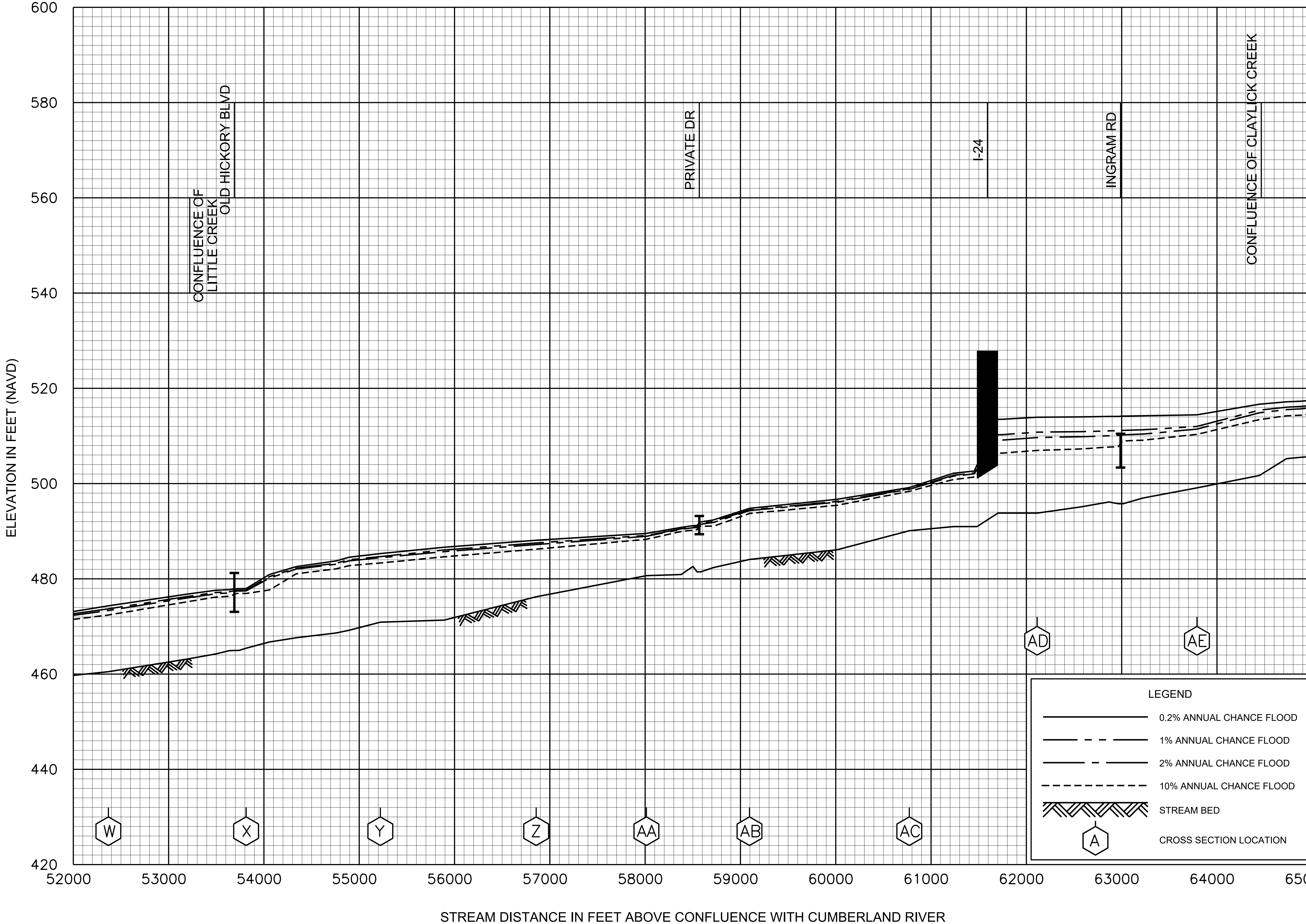


FLOOD PROFILES

WHITES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS

356P



FLOOD PROFILES

WHITES CREEK

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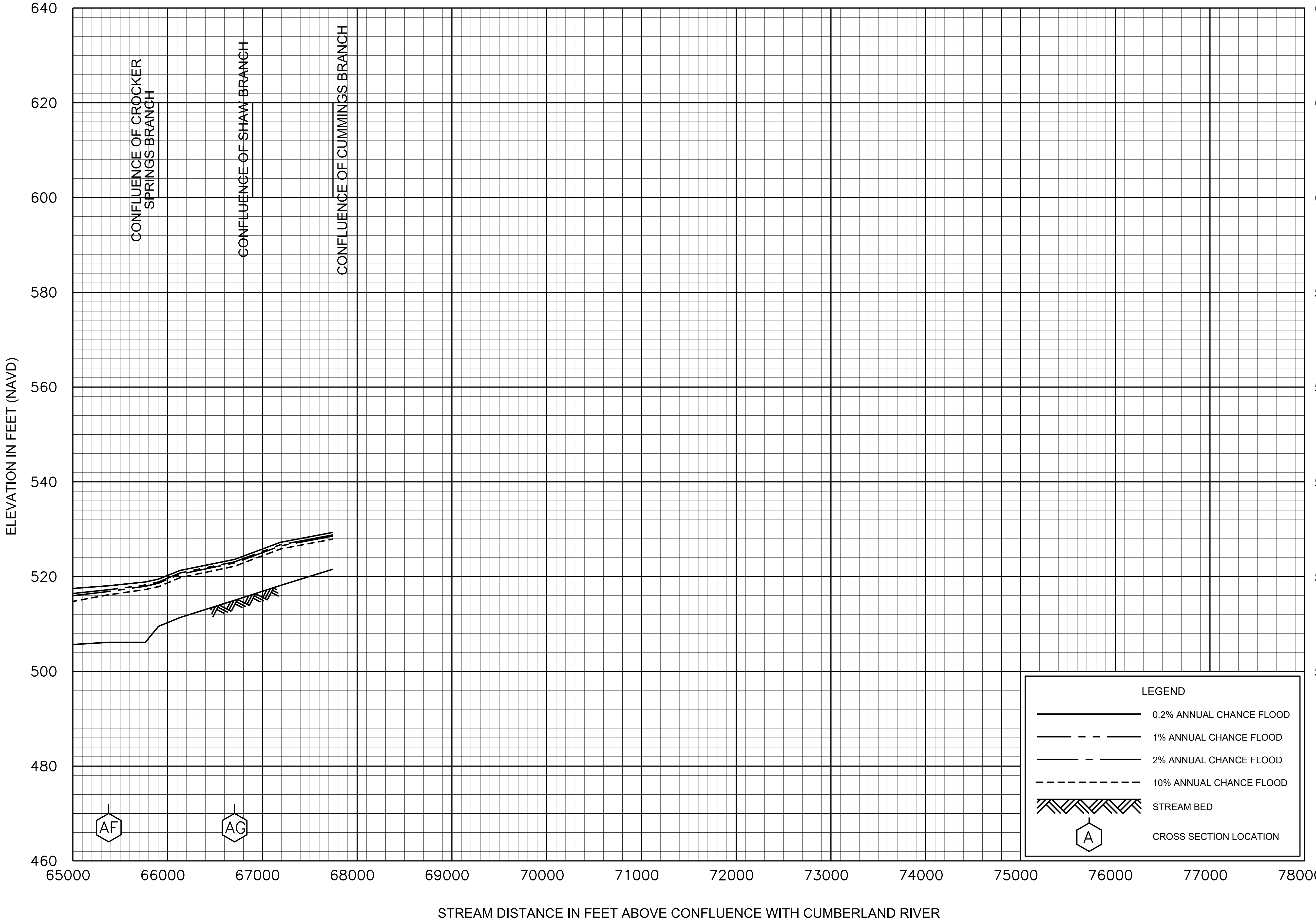
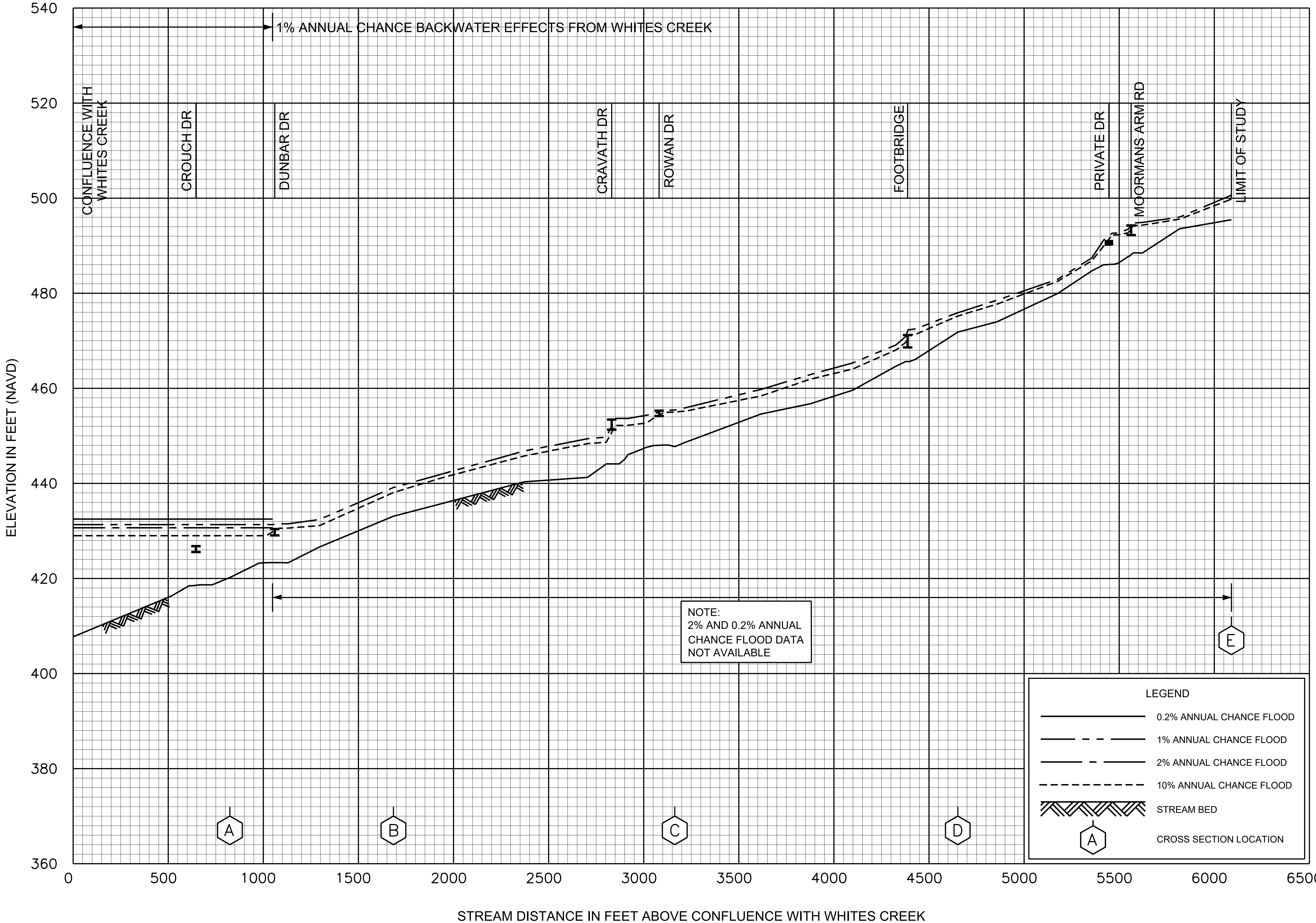


FLOOD PROFILES

WHITES CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



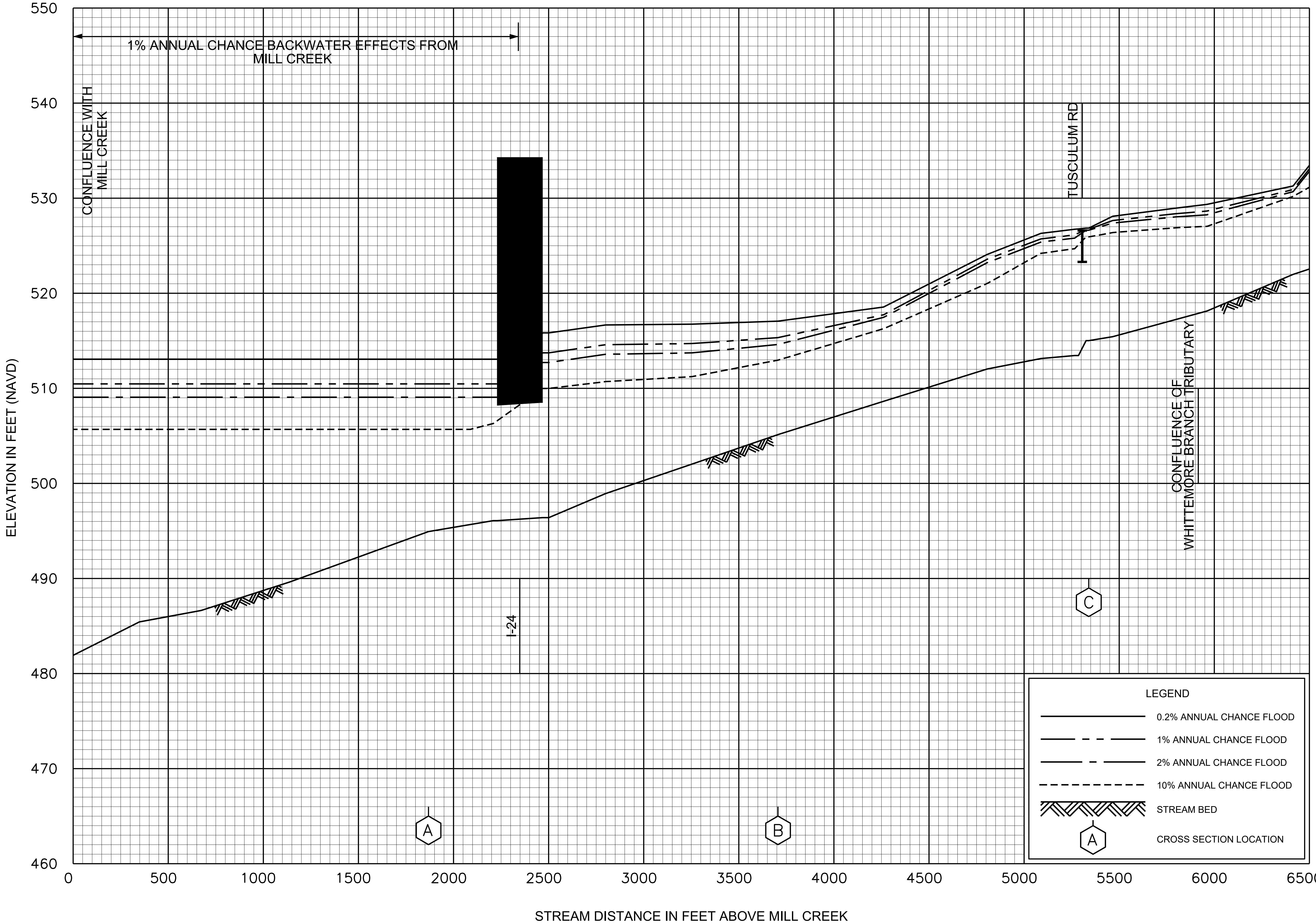
FLOOD PROFILES

WHITES CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS

359P



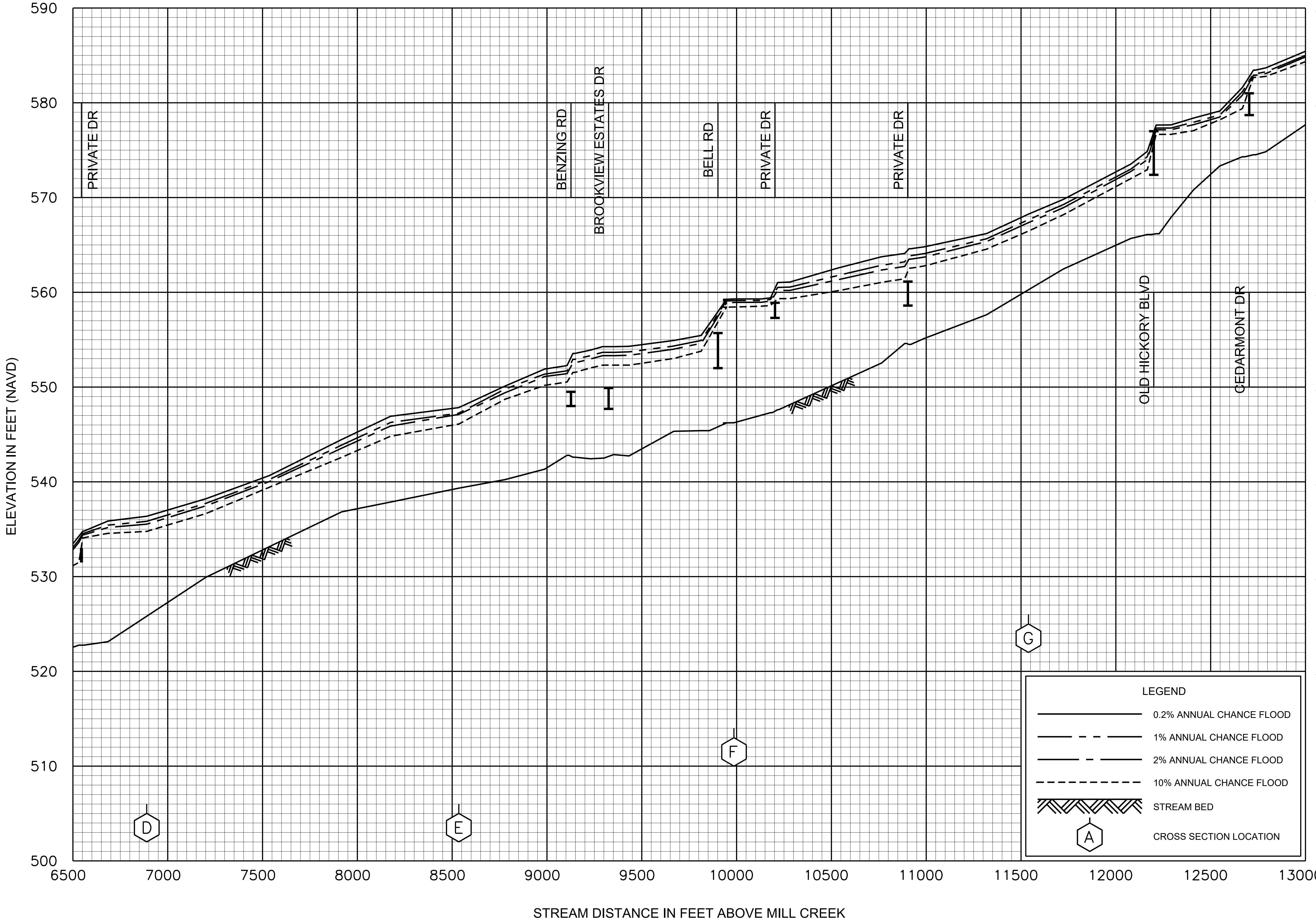
FLOOD PROFILES

WHITTEMORE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

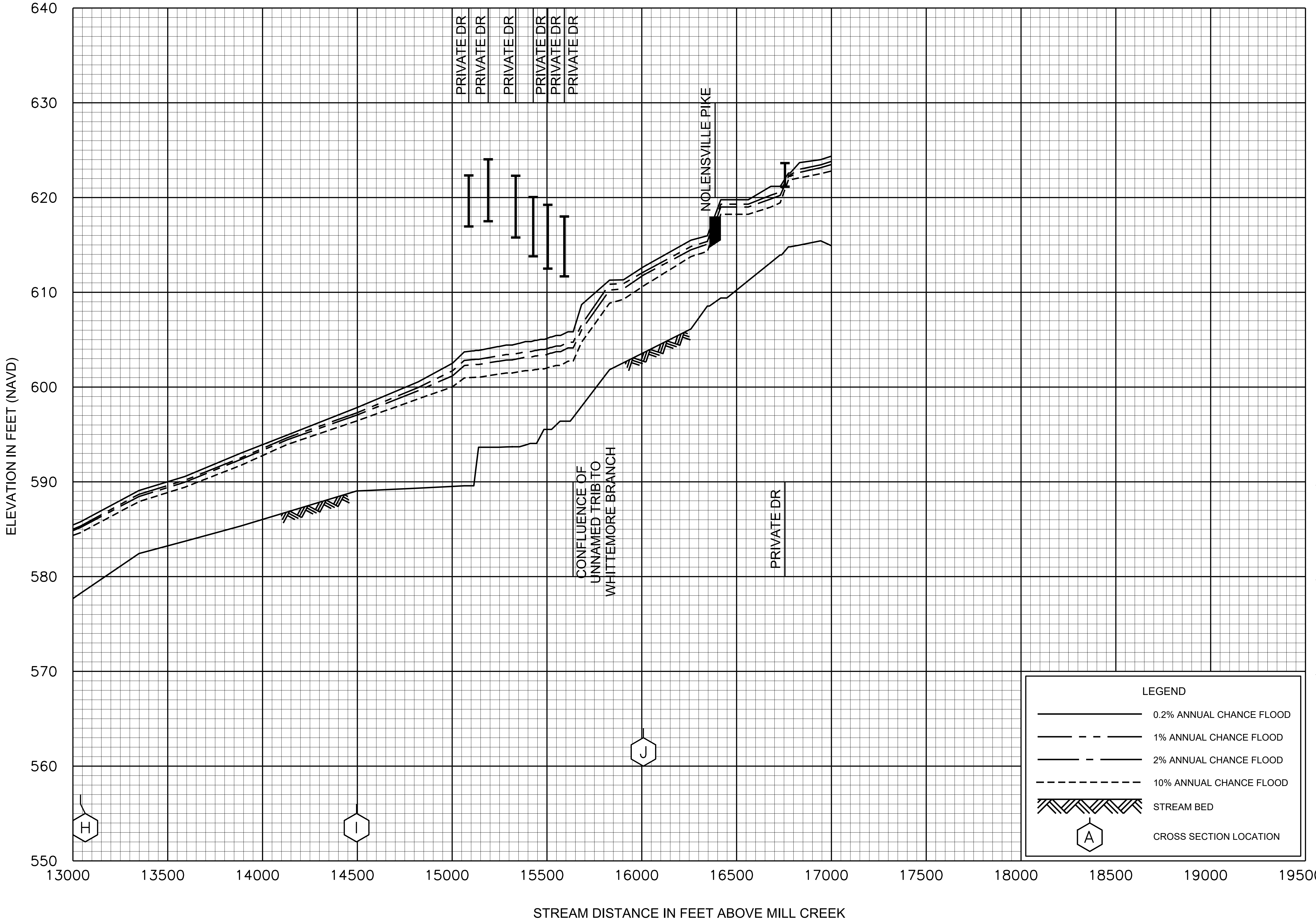


FLOOD PROFILES

WHITTEMORE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

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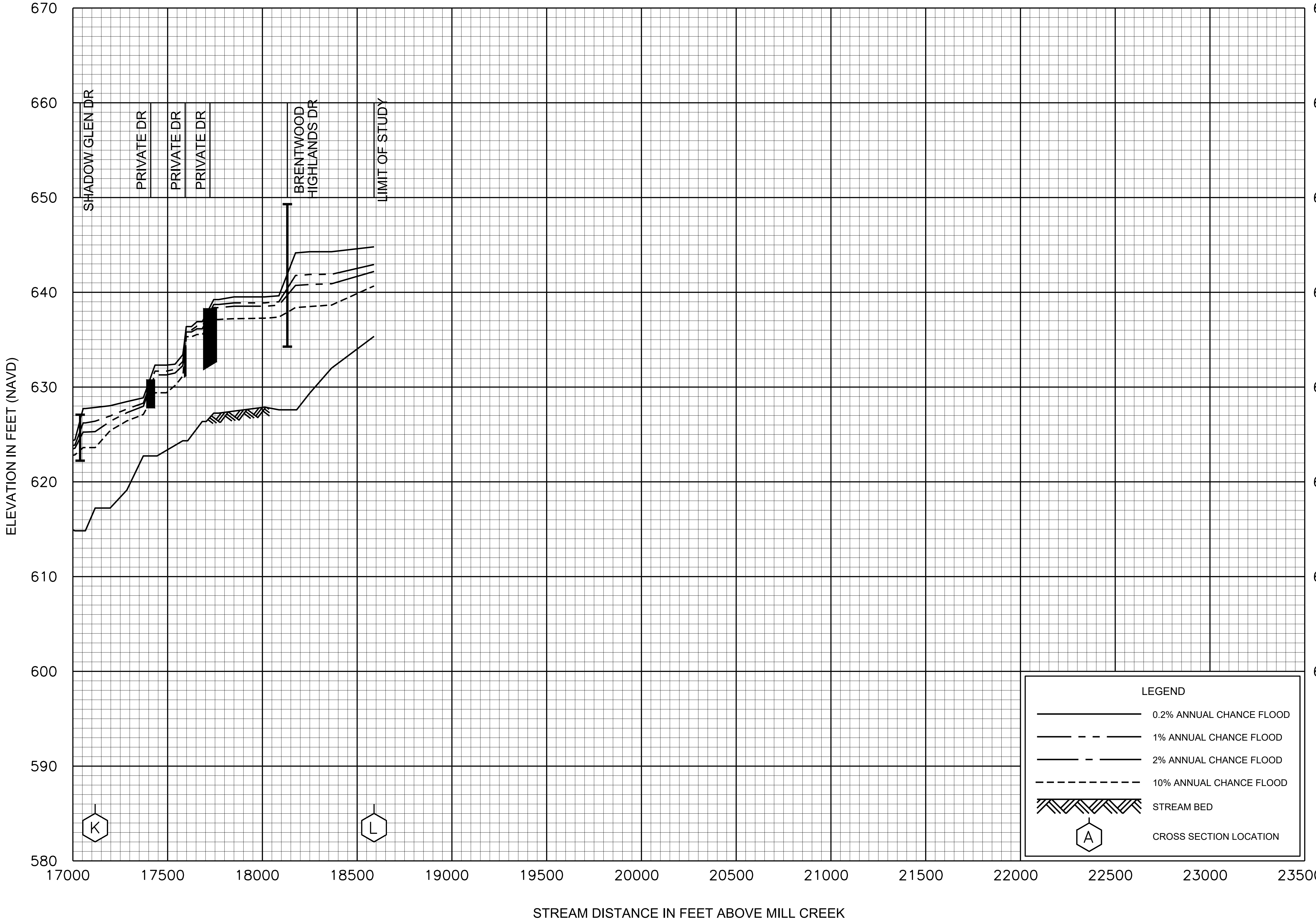

FLOOD PROFILES

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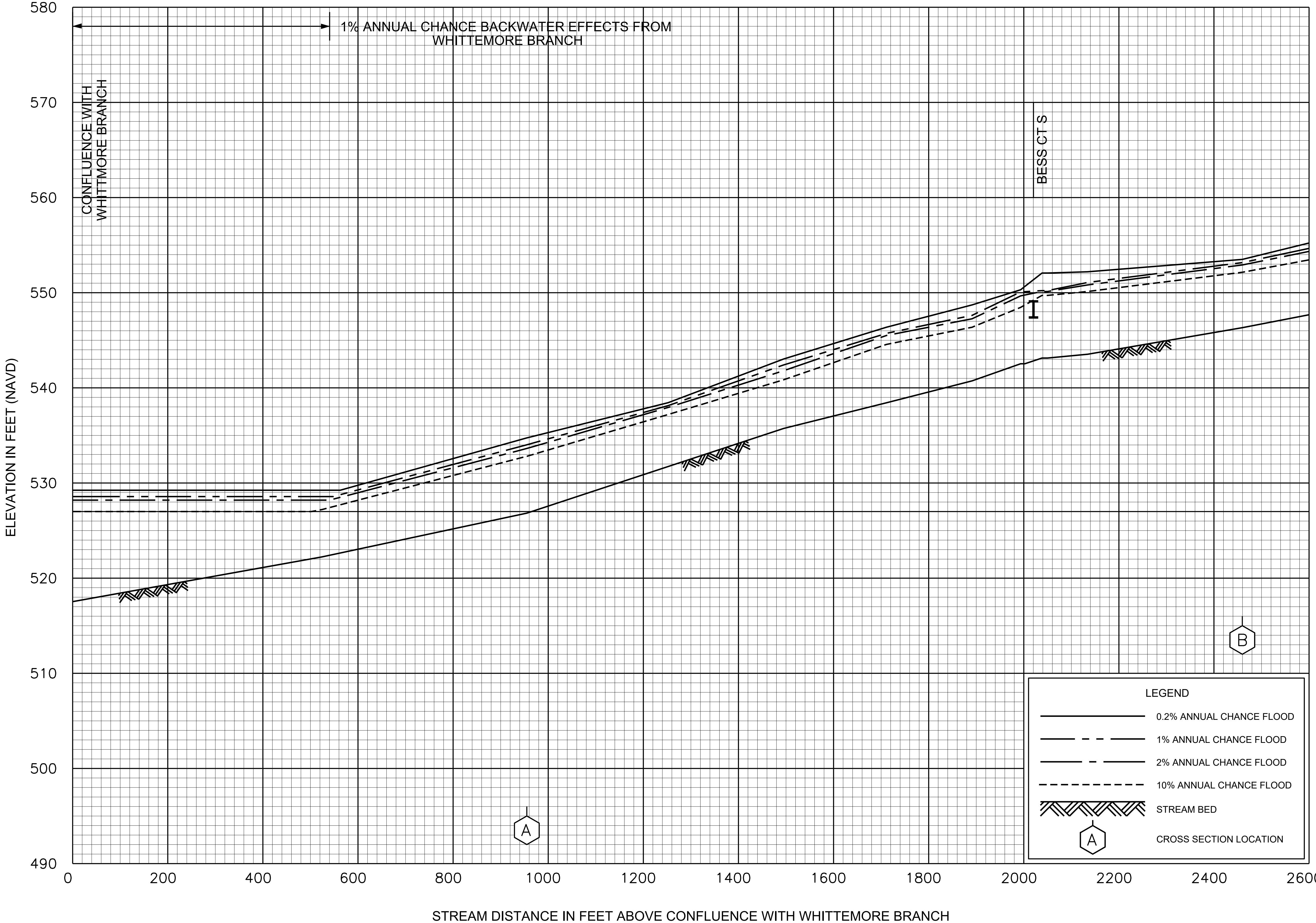
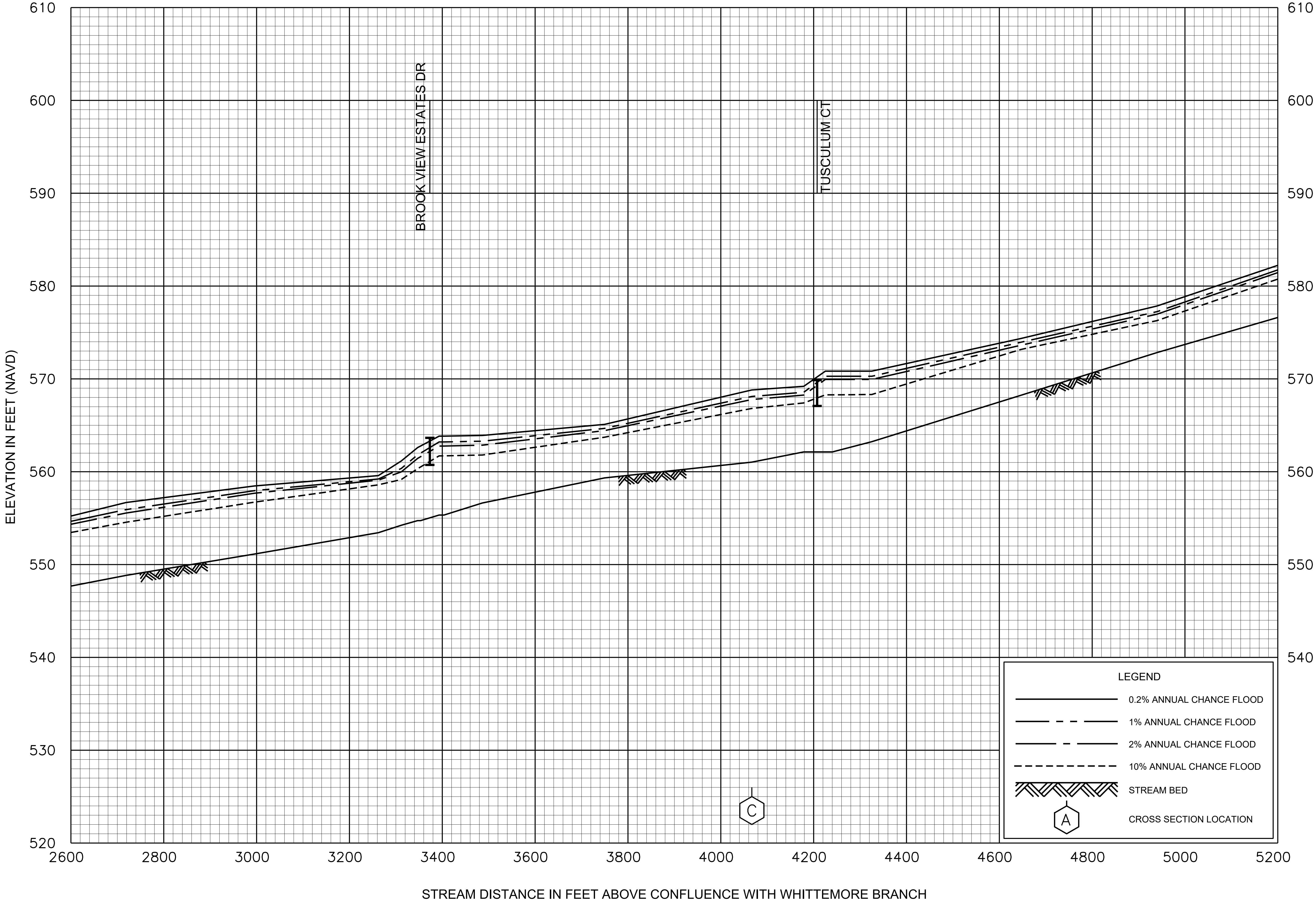


FLOOD PROFILES

WHITTEMORE BRANCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

WHITTEMORE BRANCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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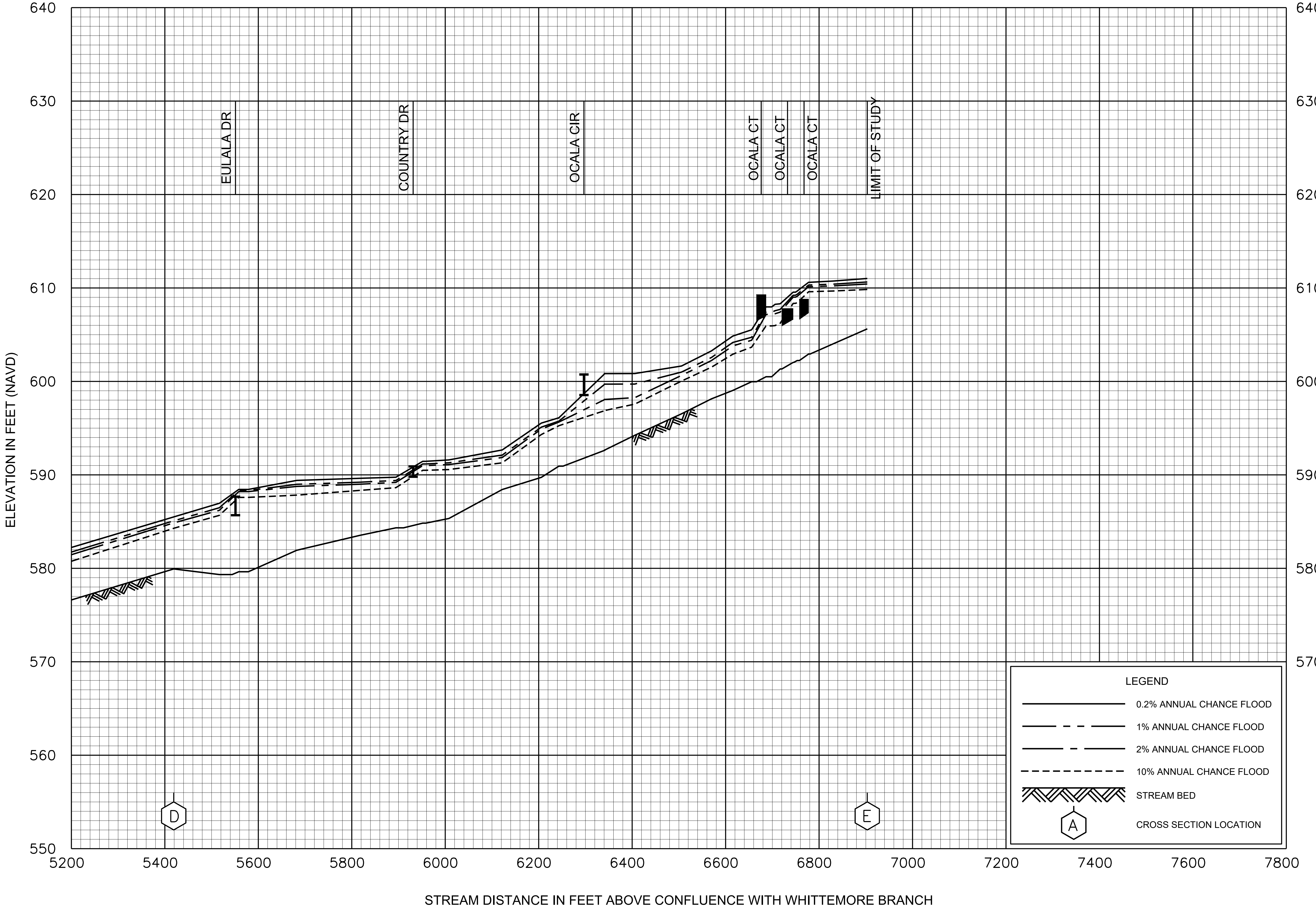
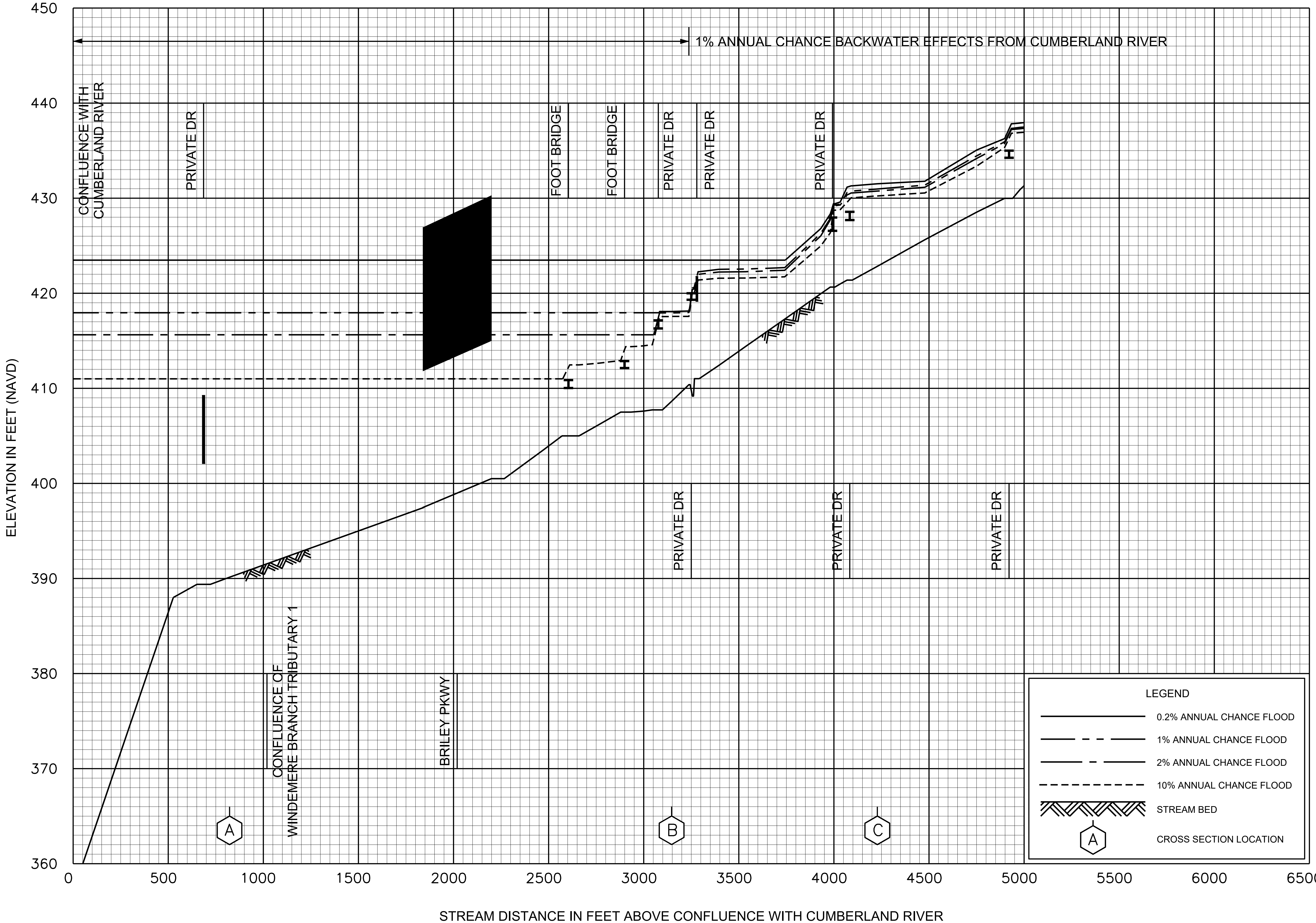


FLOOD PROFILES

WHITTEMORE BRANCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN AND INCORPORATED AREAS



FLOOD PROFILES

WINDEMERE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN

AND INCORPORATED AREAS

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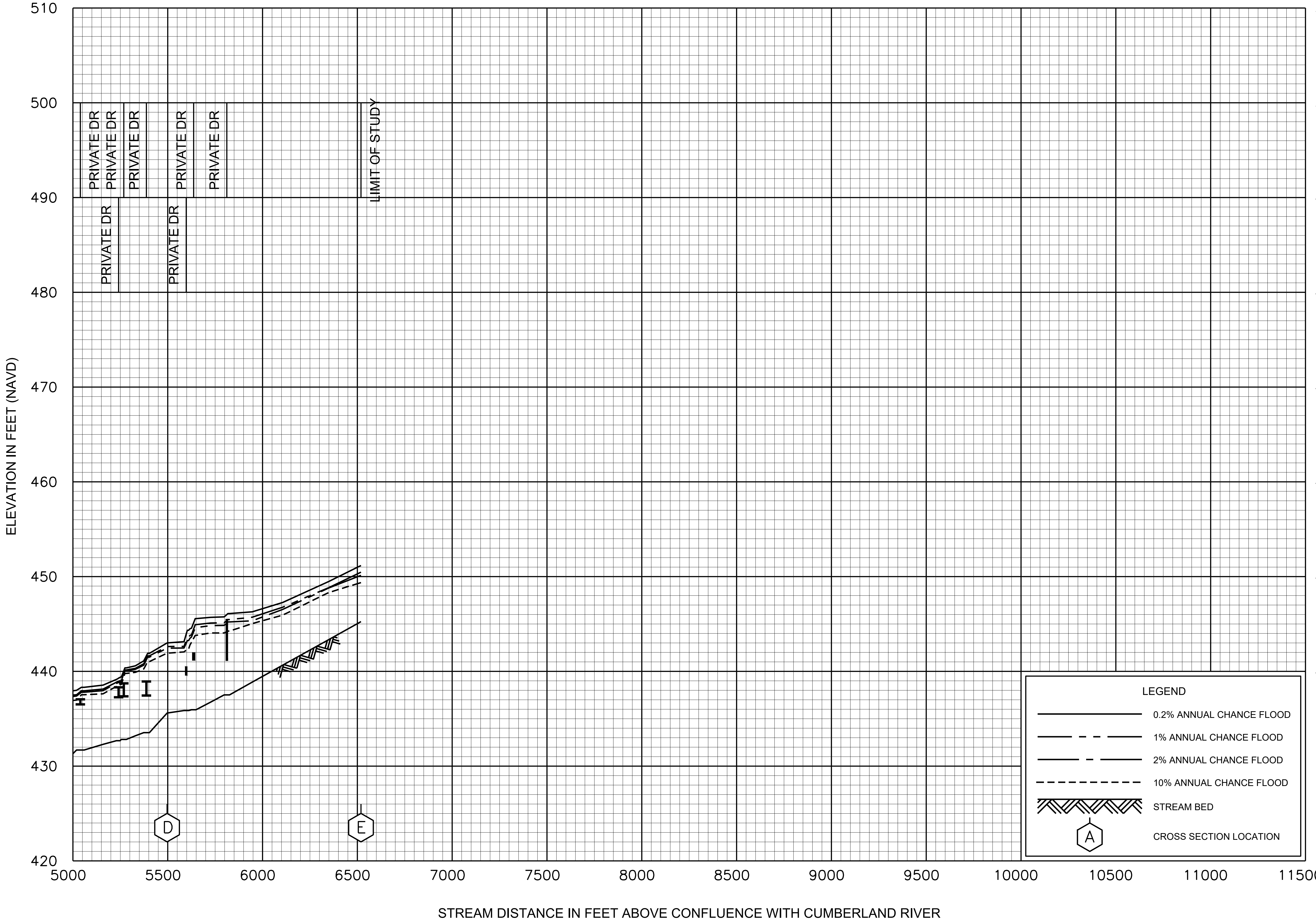

FLOOD PROFILES

WINDEMERE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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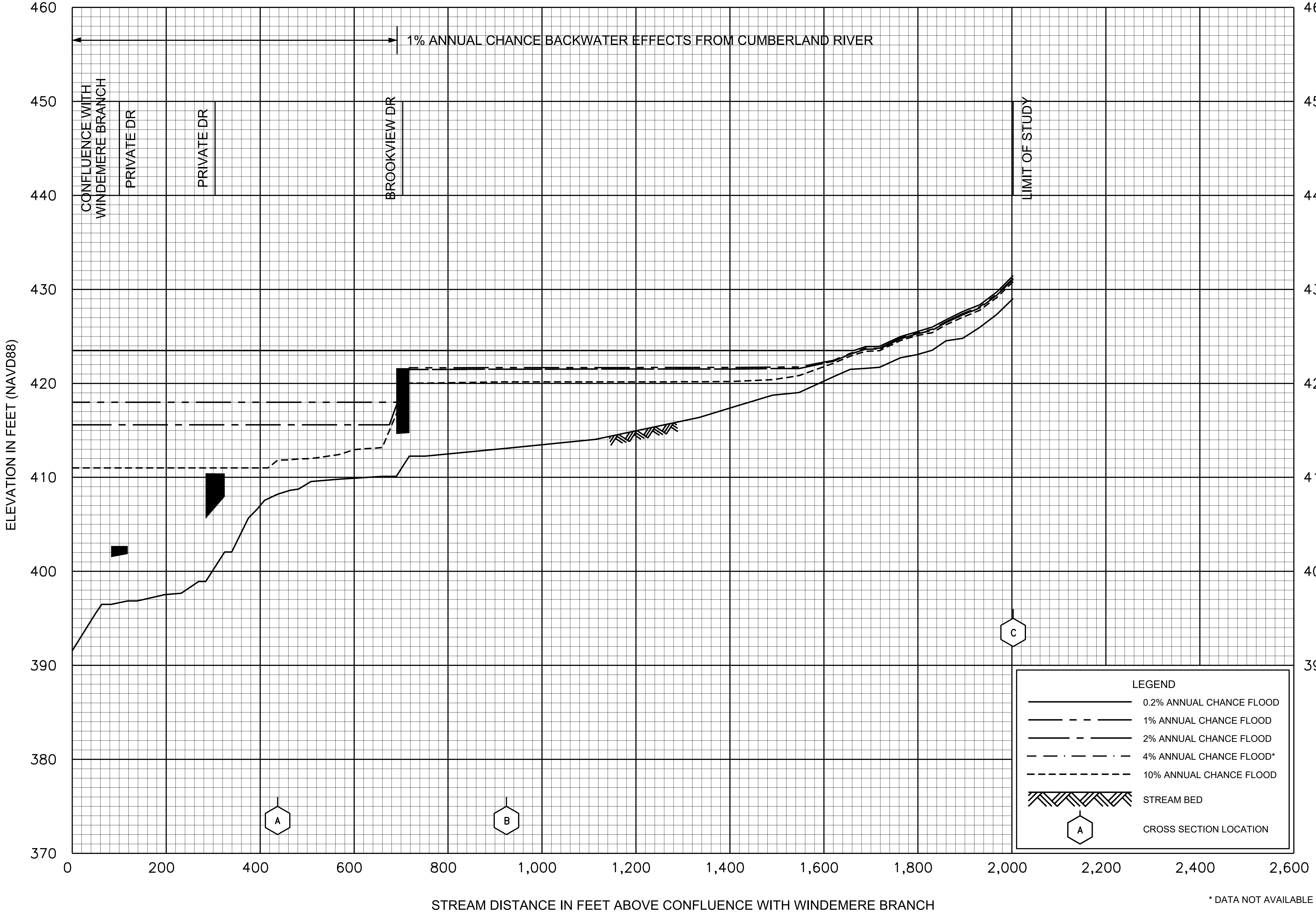
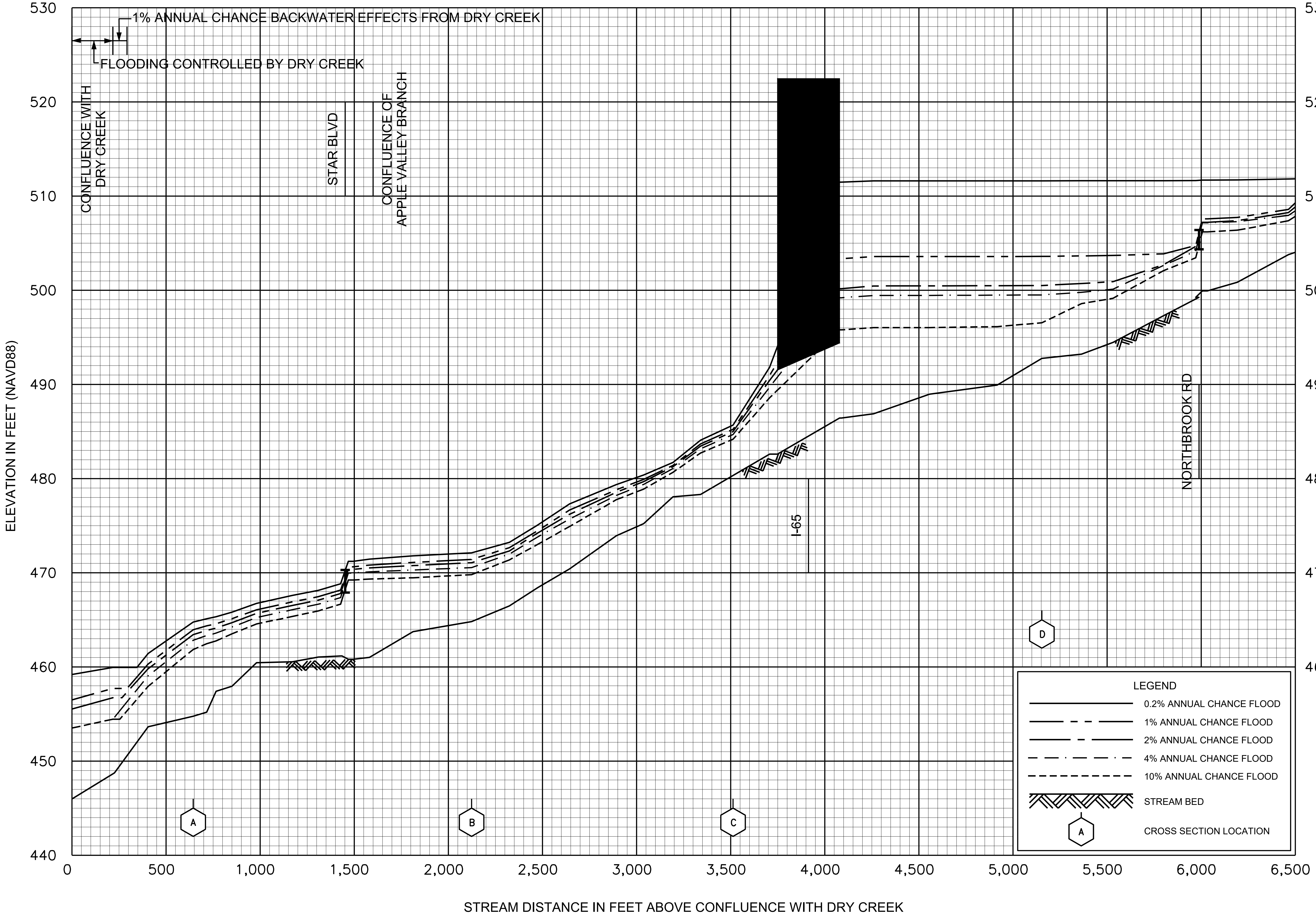


FLOOD PROFILES

WINDEMERE BRANCH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
AND INCORPORATED AREAS



FLOOD PROFILES

WOODS LAKE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TN
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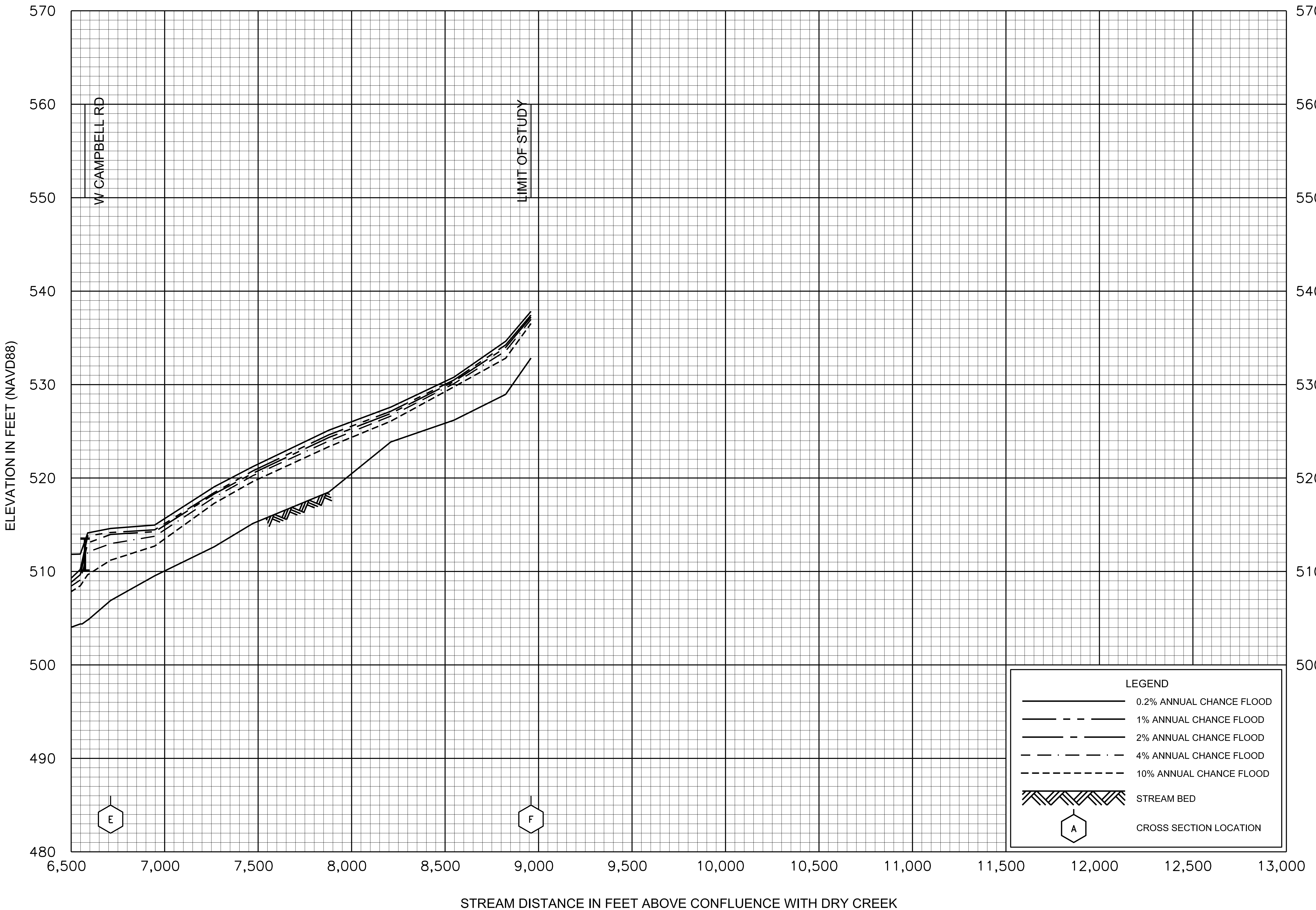

FLOOD PROFILES

WOODS LAKE BRANCH

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