FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 4 OF 9

DOUGLAS COUNTY, GEORGIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
AUSTELL, CITY OF	130054
DOUGLAS COUNTY, UNINCORPORATED AREAS	130306
DOUGLASVILLE, CITY OF	130305

PRELIMINARY

MAY 12 2016

FEMA

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
13097CV004C

Version Number 2.3.3.3

TABLE OF CONTENTS
Volume 1

		Page
SECTION 1.0 – INTRODUCTION		**1**
1.1	The National Flood Insurance Program	1
1.2	Purpose of this Flood Insurance Study Report	2
1.3	Jurisdictions Included in the Flood Insurance Study Project	2
1.4	Considerations for using this Flood Insurance Study Report	3
SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS		**11**
2.1	Floodplain Boundaries	11
2.2	Floodways	12
2.3	Base Flood Elevations	54
2.4	Non-Encroachment Zones	54
2.5	Coastal Flood Hazard Areas	54
2.5.1	Water Elevations and the Effects of Waves	54
2.5.2	Floodplain Boundaries and BFEs for Coastal Areas	54
2.5.3	Coastal High Hazard Areas	54
2.5.4	Limit of Moderate Wave Action	55
SECTION 3.0 – INSURANCE APPLICATIONS		**55**
3.1	National Flood Insurance Program Insurance Zones	55
3.2	Coastal Barrier Resources System	55
SECTION 4.0 – AREA STUDIED		**55**
4.1	Basin Description	55
4.2	Principal Flood Problems	56
4.3	Non-Levee Flood Protection Measures	57
4.4	Levees	57
SECTION 5.0 – ENGINEERING METHODS		**57**
5.1	Hydrologic Analyses	58
5.2	Hydraulic Analyses	124
5.3	Coastal Analyses	180
5.3.1	Total Stillwater Elevations	180
5.3.2	Waves	180
5.3.3	Coastal Erosion	180
5.3.4	Wave Hazard Analyses	180
5.4	Alluvial Fan Analyses	180

Volume 2

SECTION 6.0 – MAPPING METHODS **181**
6.1 Vertical and Horizontal Control 181
6.2 Base Map 182
6.3 Floodplain and Floodway Delineation 183
6.4 Coastal Flood Hazard Mapping 382
6.5 FIRM Revisions 382
6.5.1 Letters of Map Amendment 382
6.5.2 Letters of Map Revision Based on Fill 383
6.5.4 Letters of Map Revision 383
6.5.3 Physical Map Revisions 383
6.5.4 Contracted Restudies 384
6.5.5 Community Map History 384

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION **385**
7.1 Contracted Studies 385
7.2 Community Meetings 410

SECTION 8.0 – ADDITIONAL INFORMATION **413**

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES **414**

Figures

Page

Figure 1: FIRM Panel Index 3
Figure 2: FIRM Notes to Users 4
Figure 3: Map Legend for FIRM 7
Figure 4: Floodway Schematic 53
Figure 5: Wave Runup Transect Schematic 54
Figure 6: Coastal Transect Schematic 55
Figure 7: Frequency Discharge-Drainage Area Curves 124
Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas 180
Figure 9: Transect Location Map 180

Tables

Page

Table 1: Listing of NFIP Jurisdictions 2
Table 2: Flooding Sources Included in this FIS Report 12
Table 3: Flood Zone Designations by Community 55
Table 4: Coastal Barrier Resources System Information 55
Table 5: Basin Characteristics 56
Table 6: Principal Flood Problems 56
Table 7: Historic Flooding Elevations 57

Table 8: Non-Levee Flood Protection Measures 57
Table 9: Levees 57
Table 10: Summary of Discharges 59
Table 11: Summary of Non-Coastal Stillwater Elevations 124
Table 12: Stream Gage Information used to Determine Discharges 124
Table 13: Summary of Hydrologic and Hydraulic Analyses 126
Table 14: Roughness Coefficients 172
Table 15: Summary of Coastal Analyses 180
Table 16: Tide Gage Analysis Specifics 180
Table 17: Coastal Transect Parameters 180
Table 18: Summary of Alluvial Fan Analyses 180
Table 19: Results of Alluvial Fan Analyses 180
Table 20: Countywide Vertical Datum Conversion 181
Table 21: Stream-Based Vertical Datum Conversion 182
Table 22: Base Map Sources 182
Table 23: Summary of Topographic Elevation Data used in Mapping 183
Table 24: Floodway Data 185
Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams 382
Table 26: Summary of Coastal Transect Mapping Considerations 382
Table 27: Incorporated Letters of Map Change 383
Table 28: Community Map History 385
Table 29: Summary of Contracted Studies Included in this FIS Report 385
Table 30: Community Meetings 411
Table 31: Map Repositories 413
Table 32: Additional Information 414
Table 33: Bibliography and References 415

Volume 3

Exhibits

Flood Profiles	Panel
Alexander Branch	01P-04 P
Alexander Branch Tributary A	05 P
Alexander Branch Tributary B	06 P
Amber Creek	07P-10 P
Amber Creek Tributary A	11P-12 P
Anneewakee Creek	13P-39 P
Anneewakee Creek Tributary A	40P-41 P
Anneewakee Creek Tributary B	42 P
Anneewakee Creek Tributary C	43 P
Anneewakee Creek Tributary D	44 P
Anneewakee Creek Tributary E	45P-46 P
Anneewakee Creek Tributary F	47P-48 P
Anneewakee Creek Tributary G	49P-50 P
Anneewakee Creek Tributary H	51 P
Anneewakee Creek Tributary I	52 P
Anneewakee Creek Tributary J	53P-54 P

Volume 3 (continued)

Exhibits (continued)

Flood Profiles (continued)	Panel
Anneewakee Creek Tributary K	55P-56 P
Anneewakee Creek Tributary L	57 P
Arbor Branch	58P-62 P
Arbor Branch Tributary A	63 P
Austin Creek	64P-67 P
Ayer Creek	67a P
Baggett Creek	67bP-67c P
Baldwin Creek	68P-75 P
Baldwin Creek Tributary A	76P-77 P
Bear Creek	78P-94 P
Bear Creek Tributary A	95 P
Bear Creek Tributary B	96 P
Bear Creek Tributary C	97 P
Bear Creek Tributary D	98 P
Bear Creek Tributary E	99 P

Volume 4

Exhibits (continued)

Flood Profiles (continued)	Panel
Bear Creek Tributary F	100P-101 P
Bear Creek Tributary G	102P-103 P
Beaver Creek	104P-106 P
Beaver Creek Tributary A	107 P
Berea Creek	107aP-107b P
Billy Creek	107cP-107g P
Boatwright Creek	107hP-107j P
Boatwright Creek Tributary A	107kP-107l P
Boatwright Creek Tributary B	107m P
Boatwright Creek Tributary C	107n P
Bomar Branch	108-110 P
Bright Star Creek	110aP-110b P
Caine Creek	110cP-110d P
Camp Branch	111P-112 P
Camp Branch Tributary A	113 P
Chapel Farms Creek	114P-116 P
Chapel Farms Creek Tributary A	117 P
Chattahoochee River	118P-121 P
Coursey Creek	122P-124 P
Crawfish Creek	124aP-124b P
Crooked Creek	125P-132 P
Crooked Creek Tributary A	133P-134 P
Crooked Creek Tributary B	135 P
Crooked Creek Tributary C	136 P

Volume 4 (continued)

Exhibits(continued)

Flood Profiles (continued)	Panel
Crooked Creek Tributary D	137P-138 P
Crossing Branch	139P-141 P
Dog River	142P-142k P
Dorsett Creek	143P-146 P
Downs Creek	146aP-146d P
Dry Creek	147P-149 P
Dry Creek Tributary A	150P-151 P
Dry Creek Tributary B	152 P
Dry Creek Tributary C	153 P
Duncan Creek	153aP-153b P
Ephesus Creek	153cP-153e P
Farm Branch	154P-155 P
Farm Branch Tributary A	156P-157 P
Flyblow Creek	157aP-157c P
Gordon Creek	158 P
Gothards Creek	159P-168 P
Gothards Creek Tributary 1	169 P
Gothards Creek Tributary 2	170P-171 P
Gothards Creek Tributary 2.1	172 P
Gothards Creek Tributary 3	173P-175 P
Gothards Creek Tributary 3.1	176P-177 P

Volume 5

Exhibits(continued)

Flood Profiles (continued)	Panel
Gothards Creek Tributary 3.2	178 P
Gothards Creek Tributary 4	179 P
Gothards Creek Tributary 4.1	180 P
Gothards Creek Tributary 4.1.1	181 P
Gothards Creek Tributary 6	182 P
Gothards Creek Tributary 8	183P-187 P
Gothards Creek Tributary 8.1	188 P
Gothards Creek Tributary 9	189 P
Gothards Creek Tributary 10	190 P
Gothards Creek Tributary 11	191P-194 P
Gothards Creek Tributary 11.1	195 P
Gothards Creek Tributary 11.2	196 P
Gothards Creek Tributary 11.3	197 P
Gothards Creek Tributary 12	198 P
Gothards Creek Tributary 15	199 P
Helton Creek	199aP-199c P
Hickory Creek	200P-203 P
Hickory Creek Tributary A	204 P

Volume 5 (continued)

Exhibits (continued)

Flood Profiles (continued)	Panel
Hickory Creek Tributary B	205P-206 P
Hickory Creek Tributary C	207P-208 P
Hickory Creek Tributary D	209 P
Hickory Creek Tributary E	210P-211 P
Huey Creek	212P-215 P
Huey Creek Tributary 1	216P-220 P
Huey Creek Tributary 1.1	221 P
Huey Creek Tributary 2	222 P
Huey Creek Tributary 3	223 P
Hurricane Creek	224P-230 P
Hurricane Creek Tributary A	231P-232 P
Hurricane Creek Tributary B	233 P
Hurricane Creek Tributary C	234 P
Hurricane Creek Tributary D	235P-236 P
Hurricane Creek Tributary E	237P-238 P
Keaton Creek	238aP-238e P
Keaton Creek Tributary 1	238fP-238g P
Keaton Creek Tributary 2	238hP-238i P
Knollwood Branch	239P-243 P
Knollwood Branch Tributary A	244 P
Kraft Creek	245 P
Kraft Creek Tributary A	246 P

Volume 6

Exhibits (continued)

Flood Profiles (continued)	Panel
Lamplighter Creek	246aP-246b P
Lion Branch	247P-251 P
Lion Branch Tributary A	252 P
Lion Branch Tributary B	253 P
Little Anneewakee Creek	254P-261 P
Little Anneewakee Creek Tributary A	262P-264 P
Little Anneewakee Creek Tributary B	265 P
Little Anneewakee Creek Tributary C	266 P
Little Anneewakee Creek Tributary D	267P-268 P
Little Anneewakee Creek Tributary E	269 P
Little Bear Creek	270P-283 P
Little Bear Creek Tributary A	284P-286 P
Little Bear Creek Tributary B	287 P
Little Bear Creek Tributary C	288P-289 P
Little Bear Creek Tributary D	290P-291 P
Little Bear Creek Tributary E	292P-294 P
Little Bear Creek Tributary F	295 P
Little Hurricane Creek	296P-298 P

Volume 6 (continued)

Exhibits (continued)

Flood Profiles (continued)	Panel
Little Hurricane Creek Tributary A	299P-300 P
Margie Branch	301P-303 P
Margie Branch Tributary A	304 P
Mason Creek	304aP-304b P
McCoy Creek	304cP-304d P
Mill Creek	305P-307 P
Mill Creek Tributary 1	308P-309 P
Miller Creek	310 P
Miller Creek Tributary A	311 P
Mobley Creek	312P-314e P
Mobley Creek Tributary 6	315P-317 P
Mobley Creek Tributary 7	318P-320 P
Mud Creek	321P-322 P
Nalley Creek	322aP-322b P
Nancy Long Creek	322cP-322f P
Palmer Branch	323P-325 P

Volume 7

Exhibits (continued)

Flood Profiles (continued)	Panel
Palmer Branch Tributary A	326P-327 P
Palmer Branch Tributary B	328P-329 P
Palmer Branch Tributary C	330P-331 P
Panther Creek	332P-335 P
Panther Creek Tributary A	336 P
Park Creek	337P-338 P
Pine Creek	339 P
Pinewood Branch	340 P
Pinewood Branch Tributary A	341P-342 P
Pool Creek	342aP-342c P
Shell Creek	343P-345 P
Shoals Branch	346P-350 P
Shoals Branch Tributary A	351P-352 P
Shoals Branch Tributary B	353 P
Simon Creek	354P-357 P
Slater Mill Creek	358P-361 P
Slater Mill Creek Tributary A	362P-365 P
Slater Mill Creek Tributary B	366P-367 P
Spivey Branch	368P-369 P
Spivey Branch Tributary A	370P-371 P
Spivey Branch Tributary B	372 P
Sweetwater Creek	373P-383a P
Sweetwater Creek Tributary A	384P-385 P
Sweetwater Creek Tributary B	386P-387 P
Sweetwater Creek Tributary C	388 P

Volume 7 (continued)

Exhibits (continued)

Flood Profiles (continued)	Panel
Sweetwater Creek Tributary D	389P-392 P
Sweetwater Creek Tributary E	393P-395 P
Sweetwater Creek Tributary F	396P-397 P
Sweetwater Creek Tributary G	398P-400 P
Sweetwater Creek Tributary H	401P-402 P
Sweetwater Creek Tributary I	403 P
Sweetwater Creek Tributary J	404P-406 P
Sweetwater Creek Tributary K	407 P
Sweetwater Creek Tributary L	408P-410 P
Sweetwater Creek Tributary L.2	411P-412 P
Sweetwater Creek Tributary L.3	413P-414 P
Sweetwater Creek Tributary L.3.1	415 P
Tanyard Branch	416P-422 P
Tanyard Branch Tributary A	423P-424 P

Volume 8

Exhibits (continued)

Flood Profiles (continued)	Panel
Tiger Creek	425P-428 P
Tiger Creek Tributary A	429 P
Town Branch	430 P
Tributary 1 to Northern Lake	431 P
Tributary 2 to Northern Lake	432 P
Tributary A to Ayer Creek	432a P
Tributary A to Baggett Creek	432b P
Tributary A to Berea Creek	432c P
Tributary A to Billy Creek	432d P
Tributary A to Bright Star Creek	432e P
Tributary A to Crawfish Creek	432f P
Tributary A to Dog River	432g P
Tributary A to Downs Creek	432h P
Tributary A to Ephesus Creek	432i P
Tributary A to Flyblow Creek	432j P
Tributary A to Helton Creek	432k P
Tributary A to Keaton Creek Tributary 1	432l P
Tributary A to Lamplighter Creek	432m P
Tributary A to Mason Creek	432n P
Tributary A to McCoy Creek	432o P
Tributary A to Mobley Creek	432p P
Tributary A to Mobley Creek Tributary 6	432q P
Tributary A to Mobley Creek Tributary 7	432rP-432s P
Tributary A to Nalley Creek	432t P
Tributary A to Nancy Long Creek	432u P
Tributary A to Pool Creek	432v P
Tributary A to Tyson Creek	432w P

Volume 8 (continued)

Exhibits (continued)

Flood Profiles (continued)	Panel
Tributary B to Billy Creek	432x P
Tributary B to Crawfish Creek	432y P
Tributary B to Dog River	432z P
Tributary B to Duncan Creek	432aa P
Tributary B to Ephesus Creek	432ab P
Tributary B to Flyblow Creek	432ac P
Tributary B to Helton Creek	432ad P
Tributary B to Keaton Creek	432ae P
Tributary B to Keaton Creek Tributary 1	432af P
Tributary B to Lamplighter Creek	432ag P
Tributary B to McCoy Creek	432ah P
Tributary B to Mobley Creek	432ai P
Tributary B to Mobley Creek Tributary 6	432aj P
Tributary B to Mobley Creek Tributary 7	432ak P
Tributary B to Pool Creek	432al P
Tributary C to Billy Creek	432am P
Tributary C to Dog River	432an P
Tributary C to Flyblow Creek	432ao P
Tributary C to Helton Creek	432ap P
Tributary C to Keaton Creek	432aq P
Tributary C to Lamplighter Creek	432ar P
Tributary C to Mobley Creek	432as P
Tributary C to Mobley Creek Tributary 7	432at P
Tributary D to Billy Creek	432au P
Tributary D to Dog River	432av P
Tributary D to Flyblow Creek	432aw P
Tributary D to Keaton Creek	432ax P
Tributary D to Mobley Creek	432ay P
Tributary E to Dog River	432az P
Tributary E to Flyblow Creek	432ba P
Tributary E to Keaton Creek	432bbP-432bc P
Tributary E to Mobley Creek	432bd P
Tributary F to Dog River	432be P
Tributary F to Flyblow Creek	432bf P
Tributary F to Keaton Creek	432bgP - 432bh P
Tributary F to Mobley Creek	432bi P
Tributary G to Dog River	432bj P
Tributary G to Keaton Creek	432bk P
Tributary H to Dog River	432blP-432bm P
Tributary H to Keaton Creek	432bn P
Tributary I to Dog River	432bo P
Tributary J to Dog River	432bp P
Tributary K to Dog River	432bq P
Tributary M to Dog River	432br P
Tributary N to Dog River	432bs P
Tributary O to Dog River	432bt P

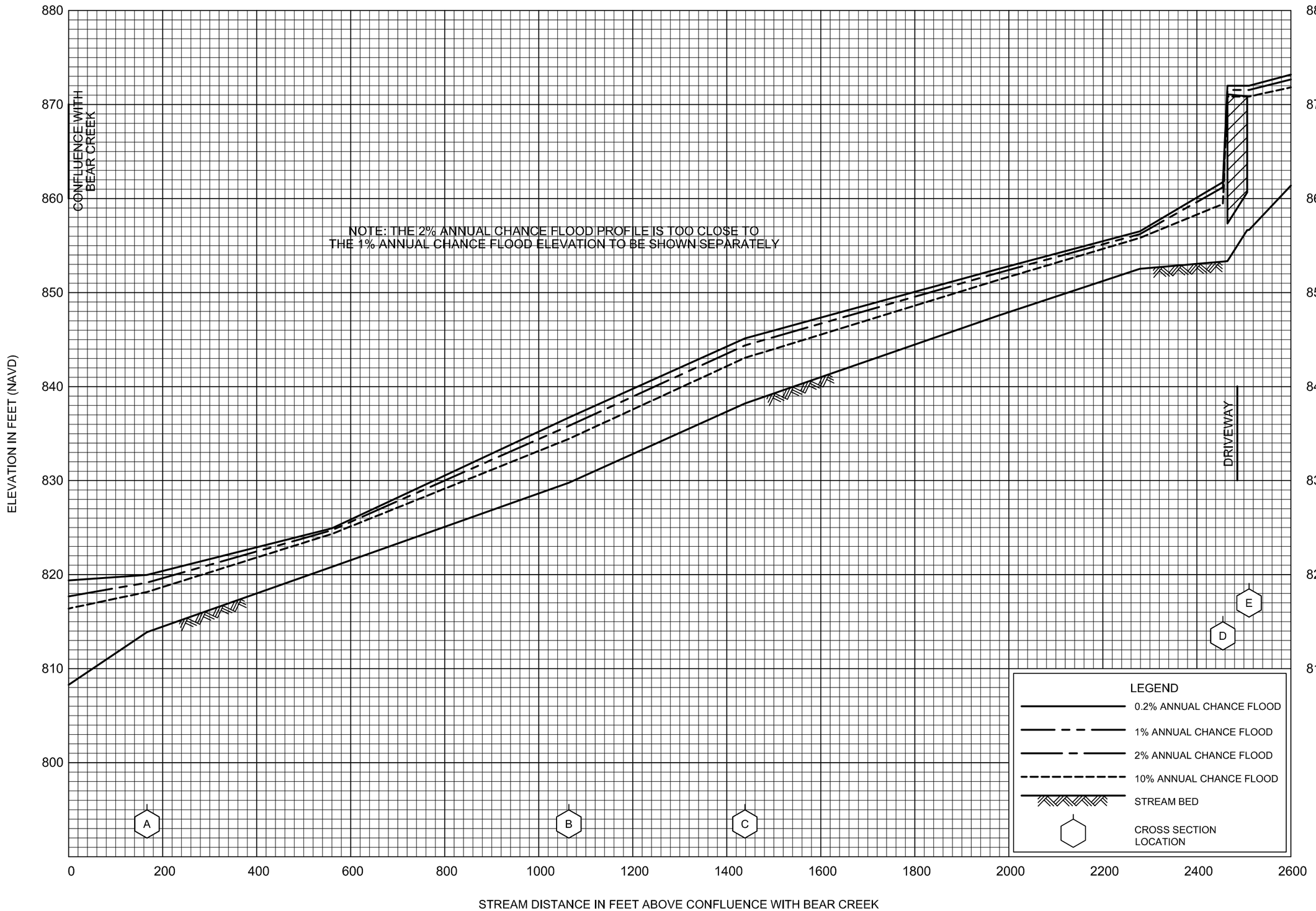
Volume 9

Exhibits (continued)

Flood Profiles (continued)	Panel
Tributary P to Dog River	432bu P
Tributary Q to Dog River	432bv P
Tyree Branch	433P-435 P
Tyson Creek	435a P
Unnamed Tributary to Southern Lake	436 P
Waterfall Branch	437 P
Yellow Rock Creek	437aP-437c P
Zion Branch	438P-441 P

Published Separately

Flood Insurance Rate Map (FIRM)



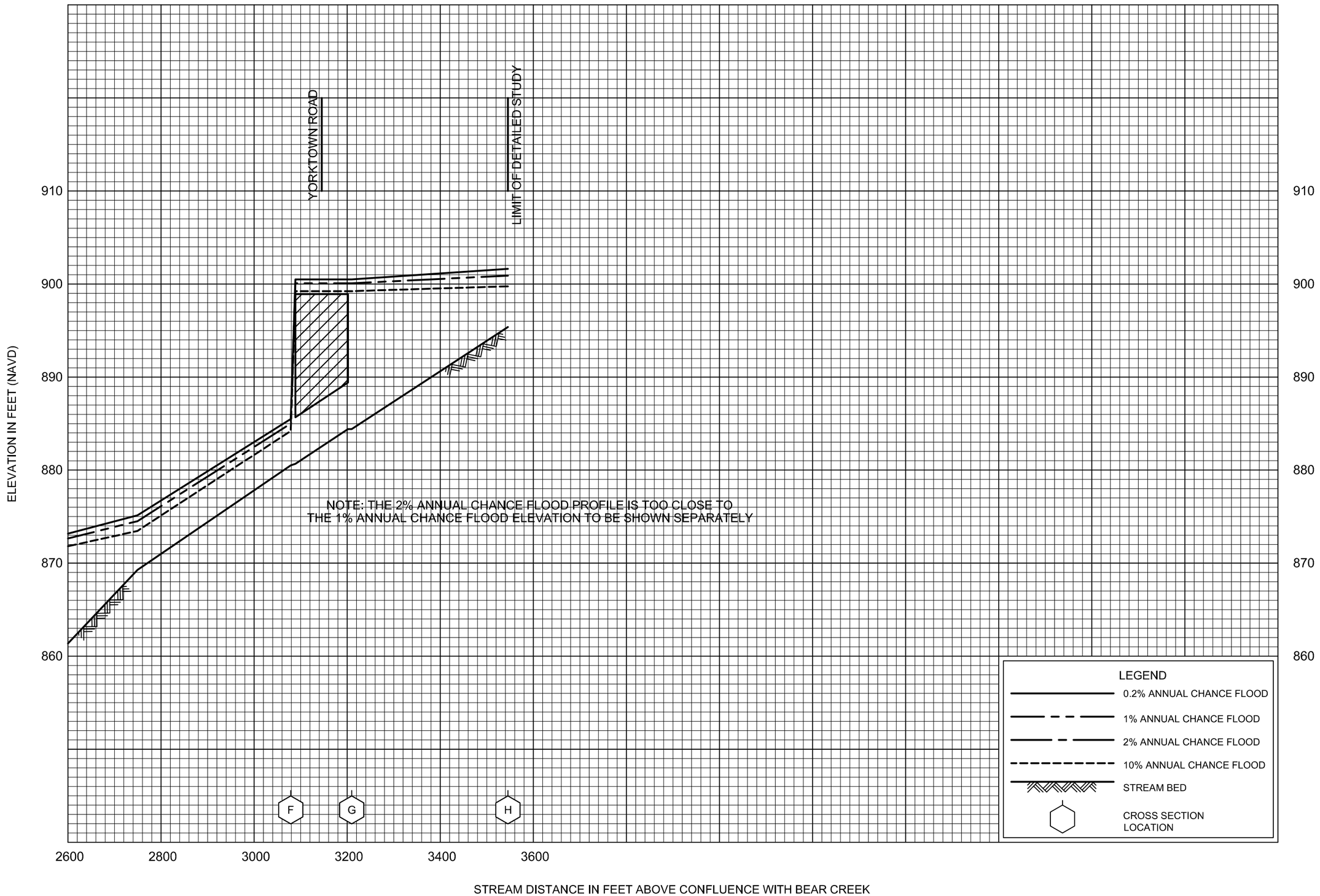
FLOOD PROFILES

BEAR CREEK TRIBUTARY F

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



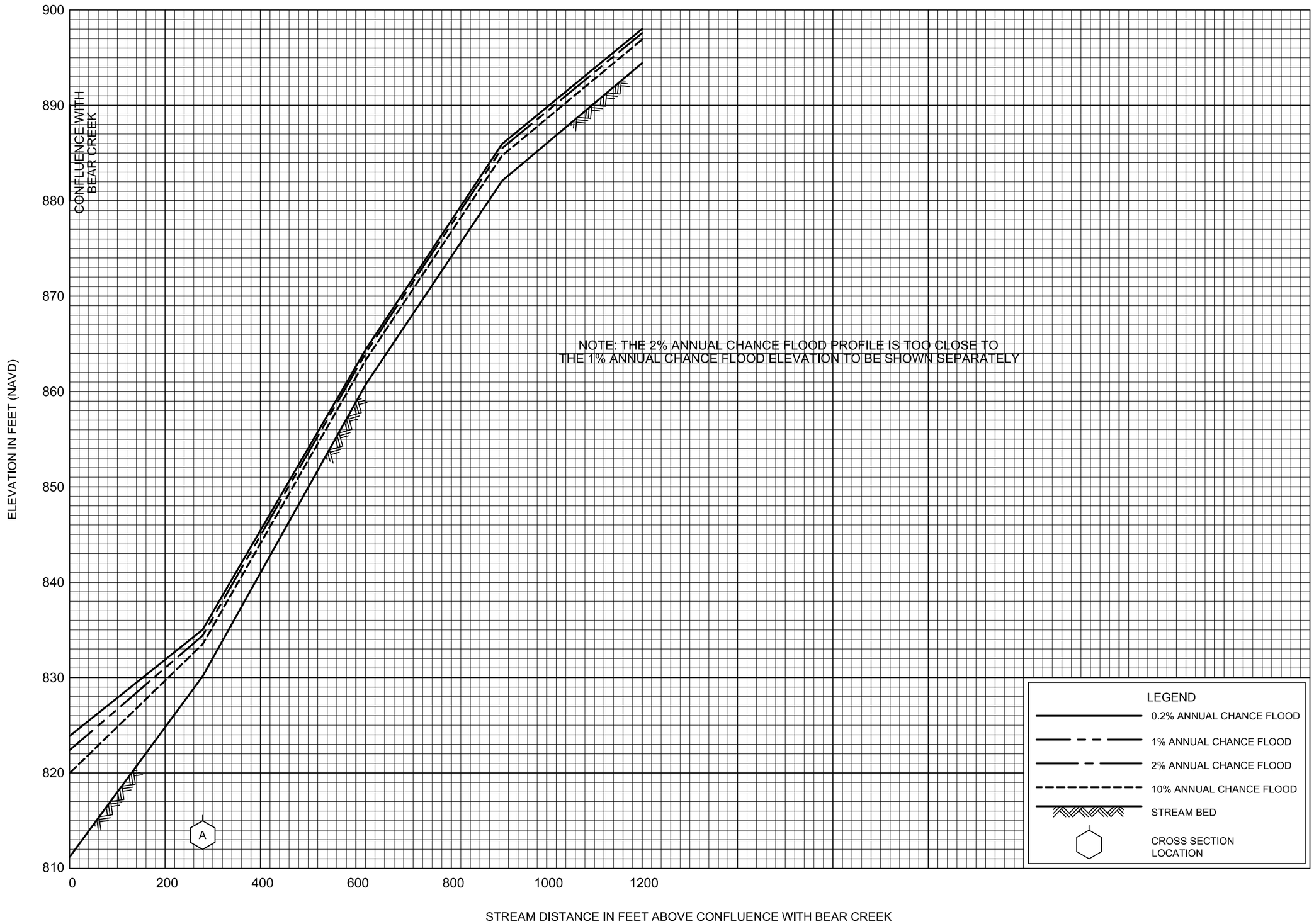
FLOOD PROFILES

BEAR CREEK TRIBUTARY F

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



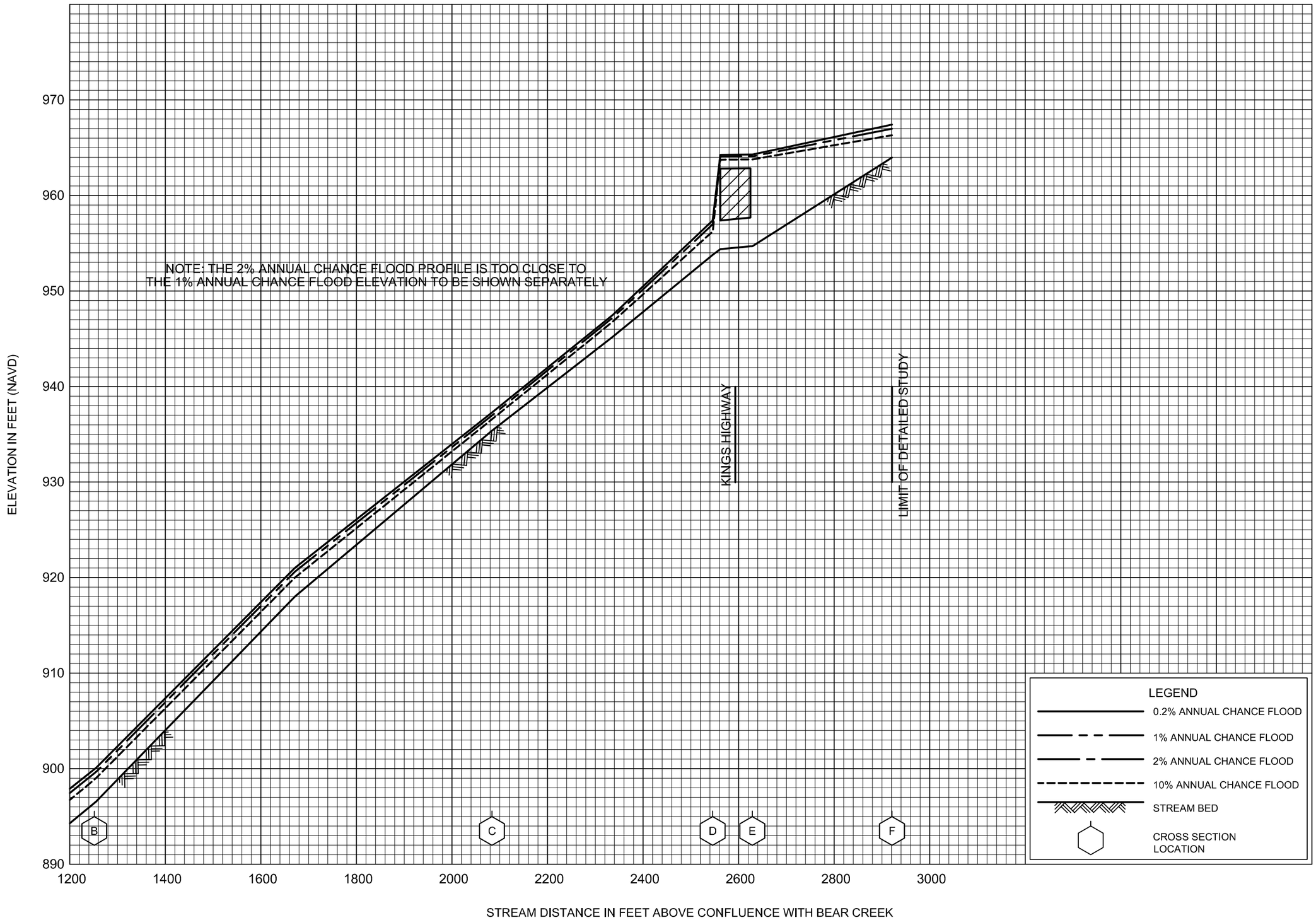
FLOOD PROFILES

BEAR CREEK TRIBUTARY G

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



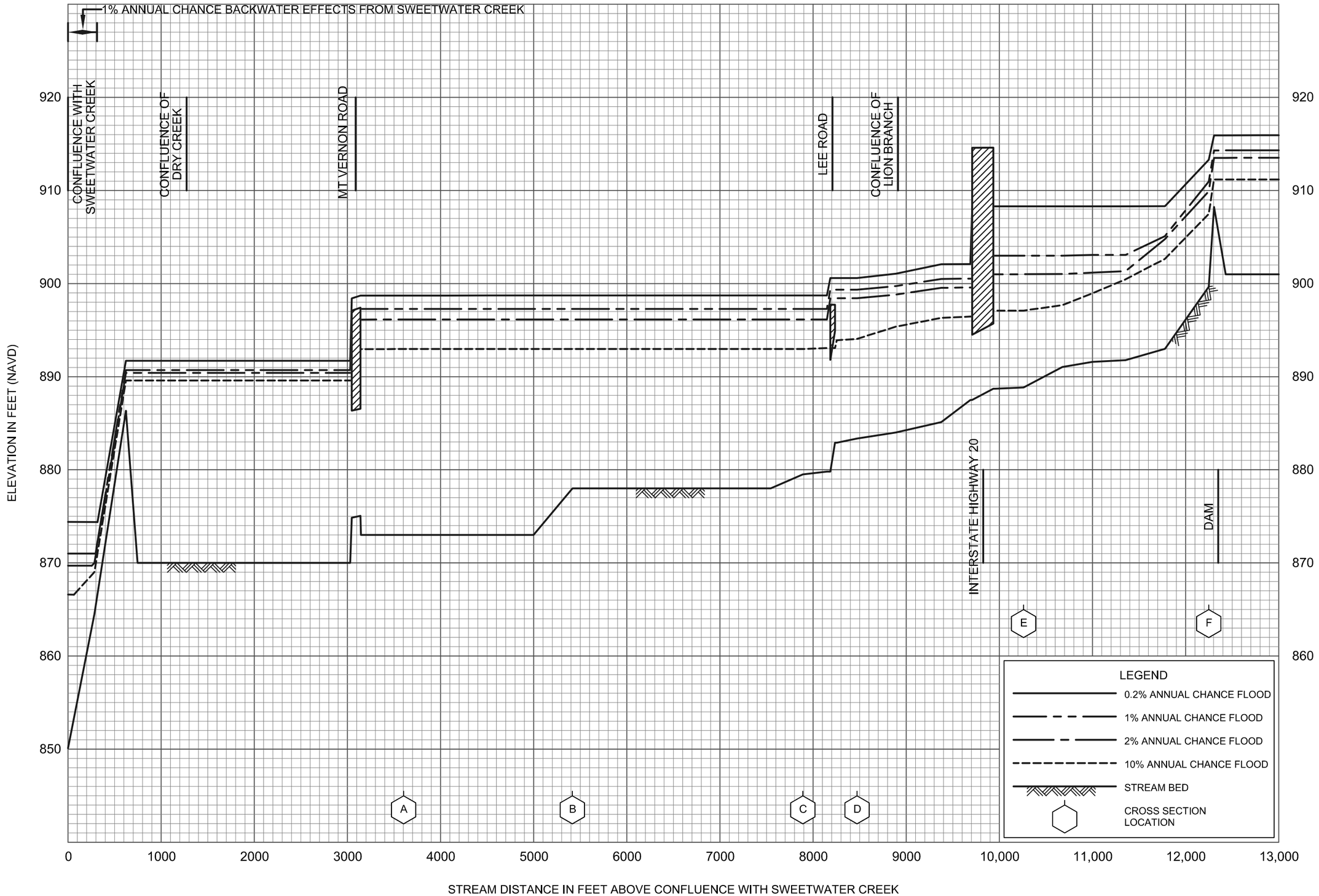
FLOOD PROFILES

BEAR CREEK TRIBUTARY G

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



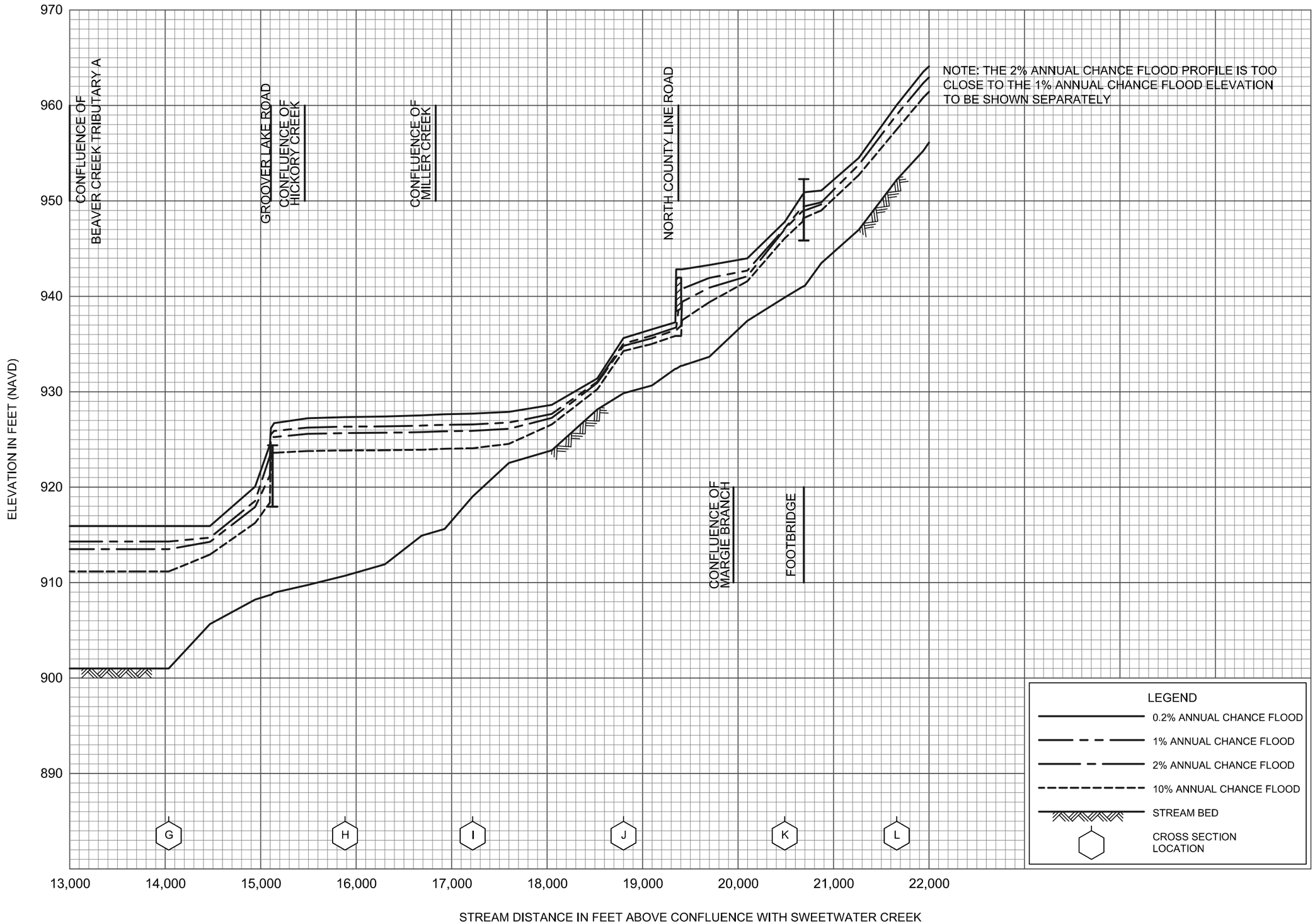
FLOOD PROFILES

BEAVER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



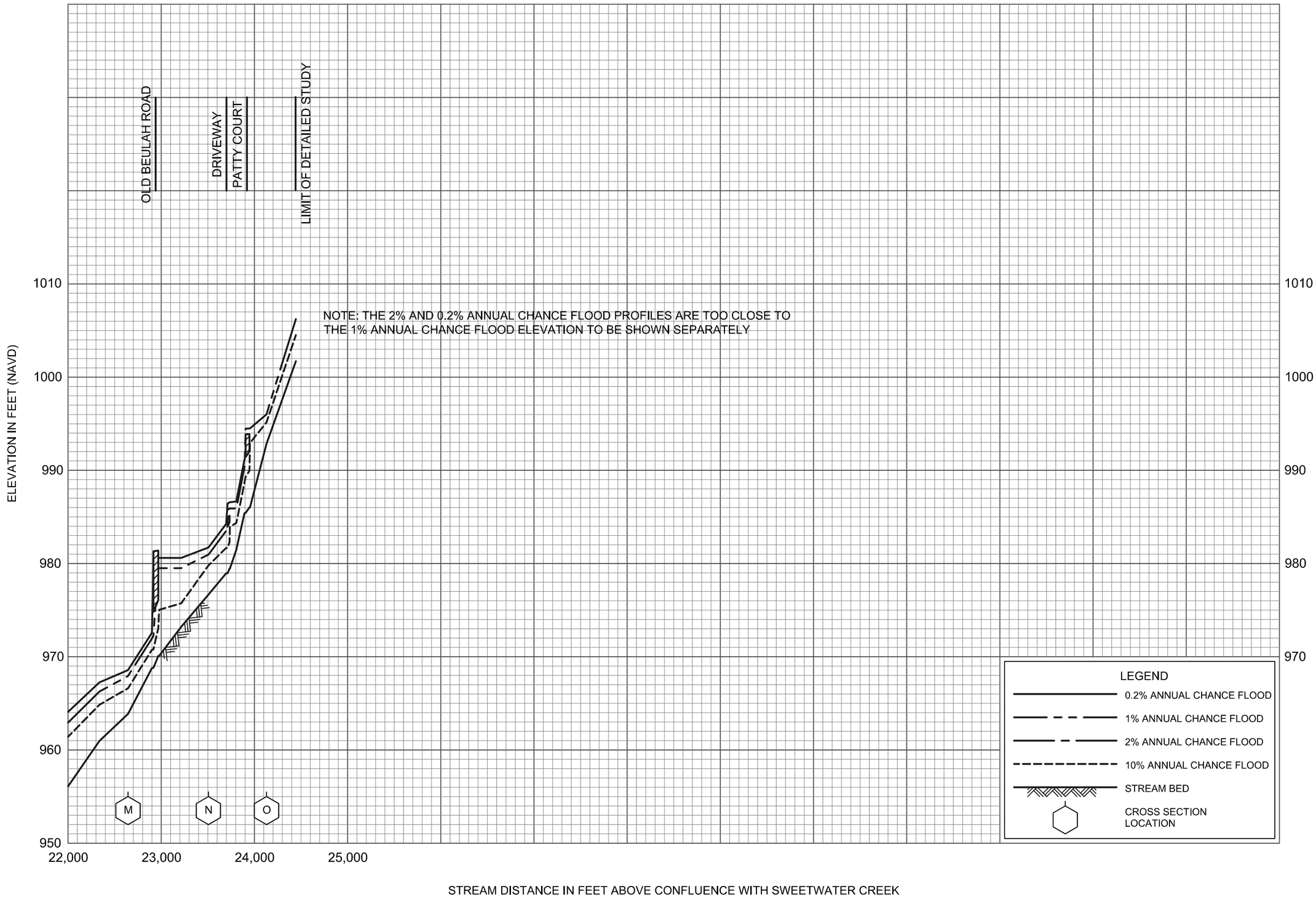
FLOOD PROFILES

BEAVER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



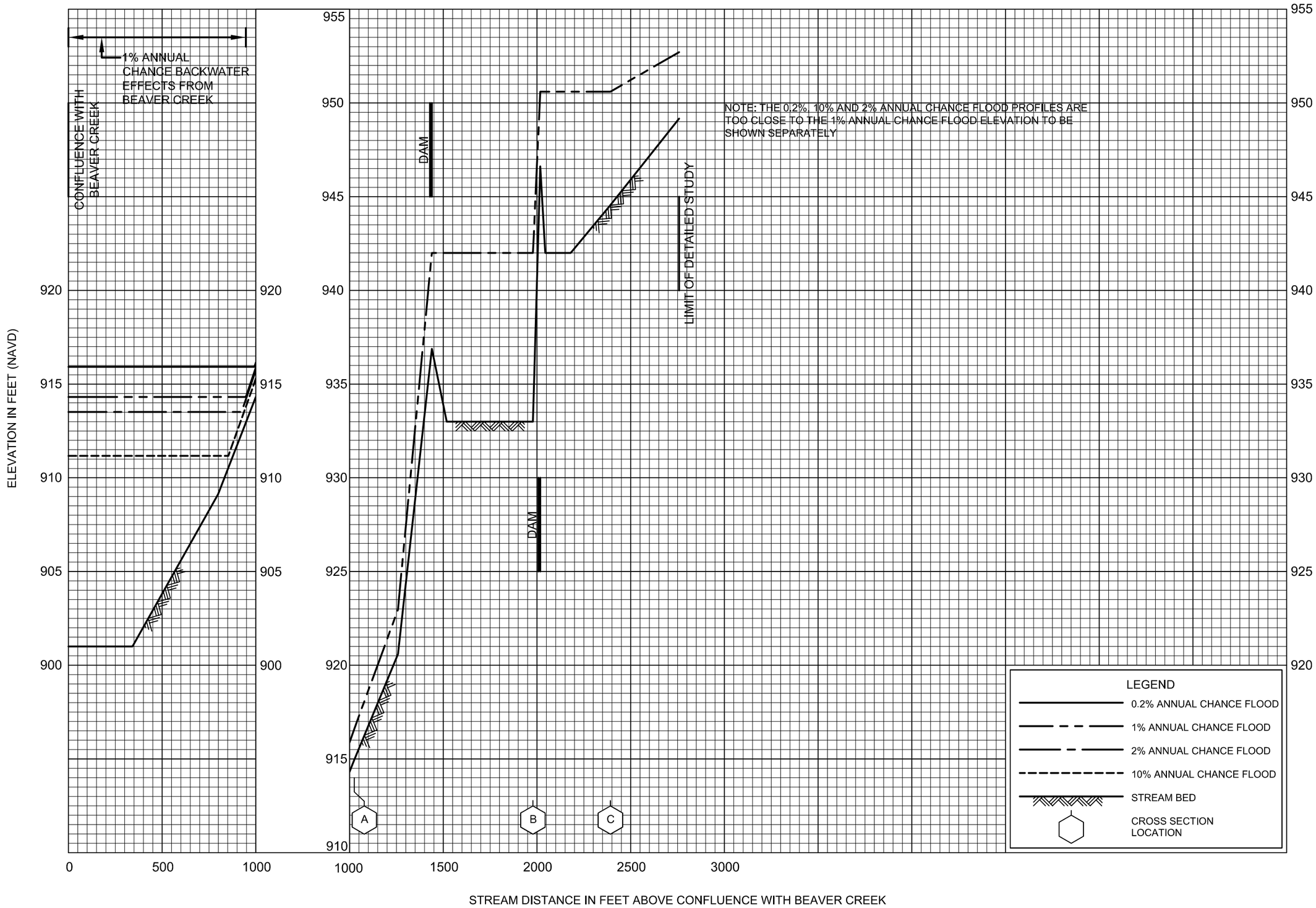
FLOOD PROFILES

BEAVER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



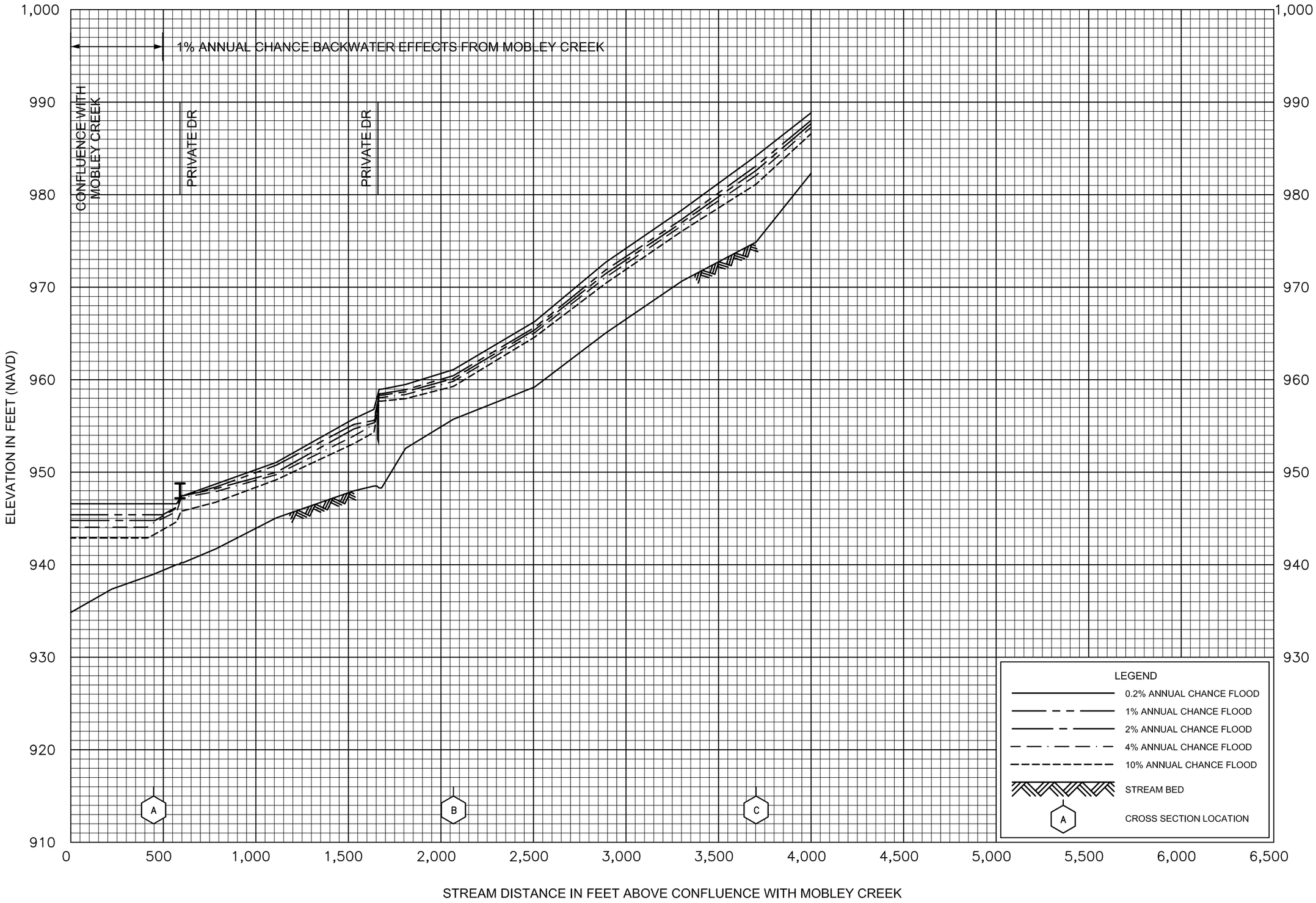
FLOOD PROFILES

BEAVER CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



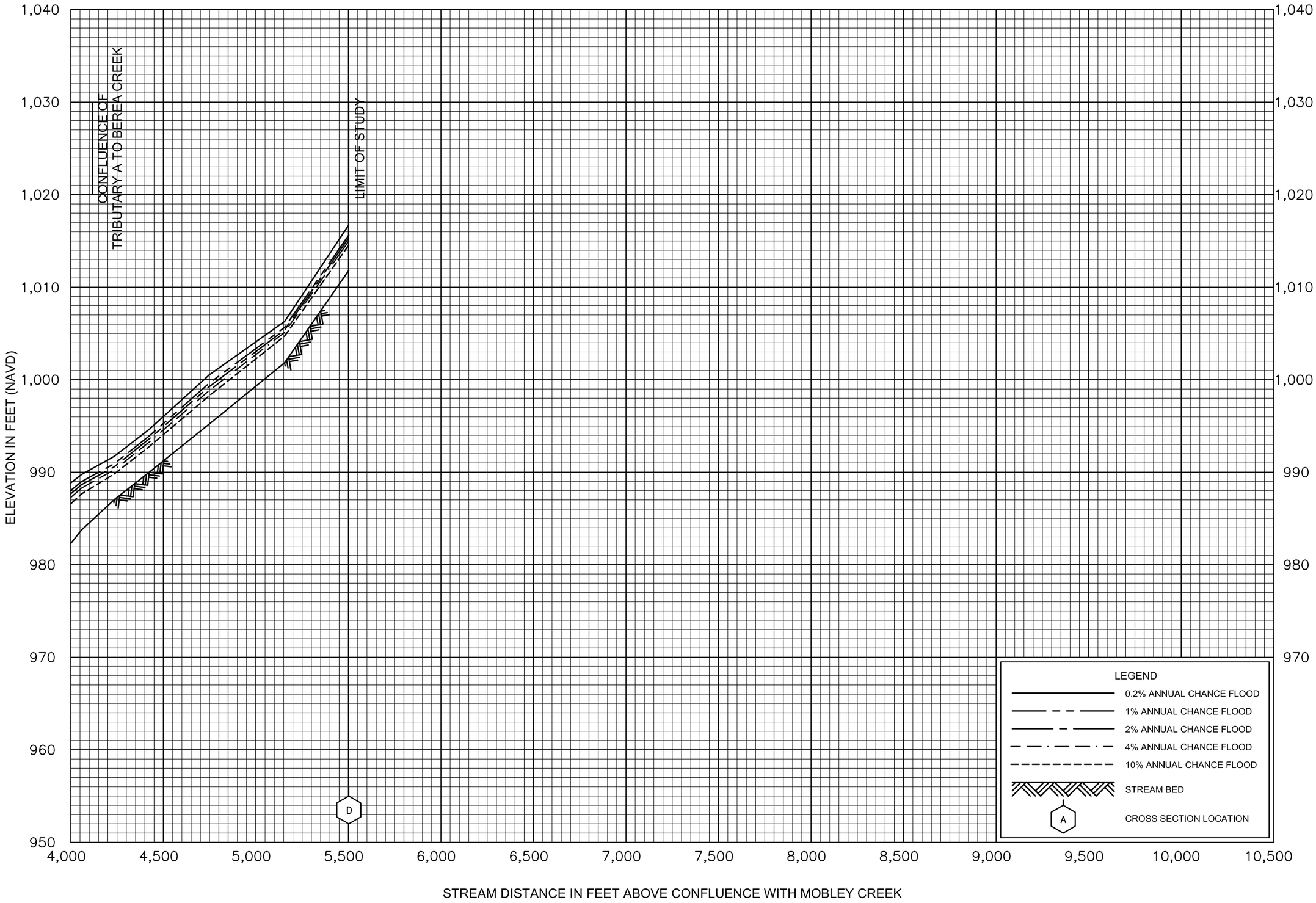
FLOOD PROFILES

BEREA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

107aP

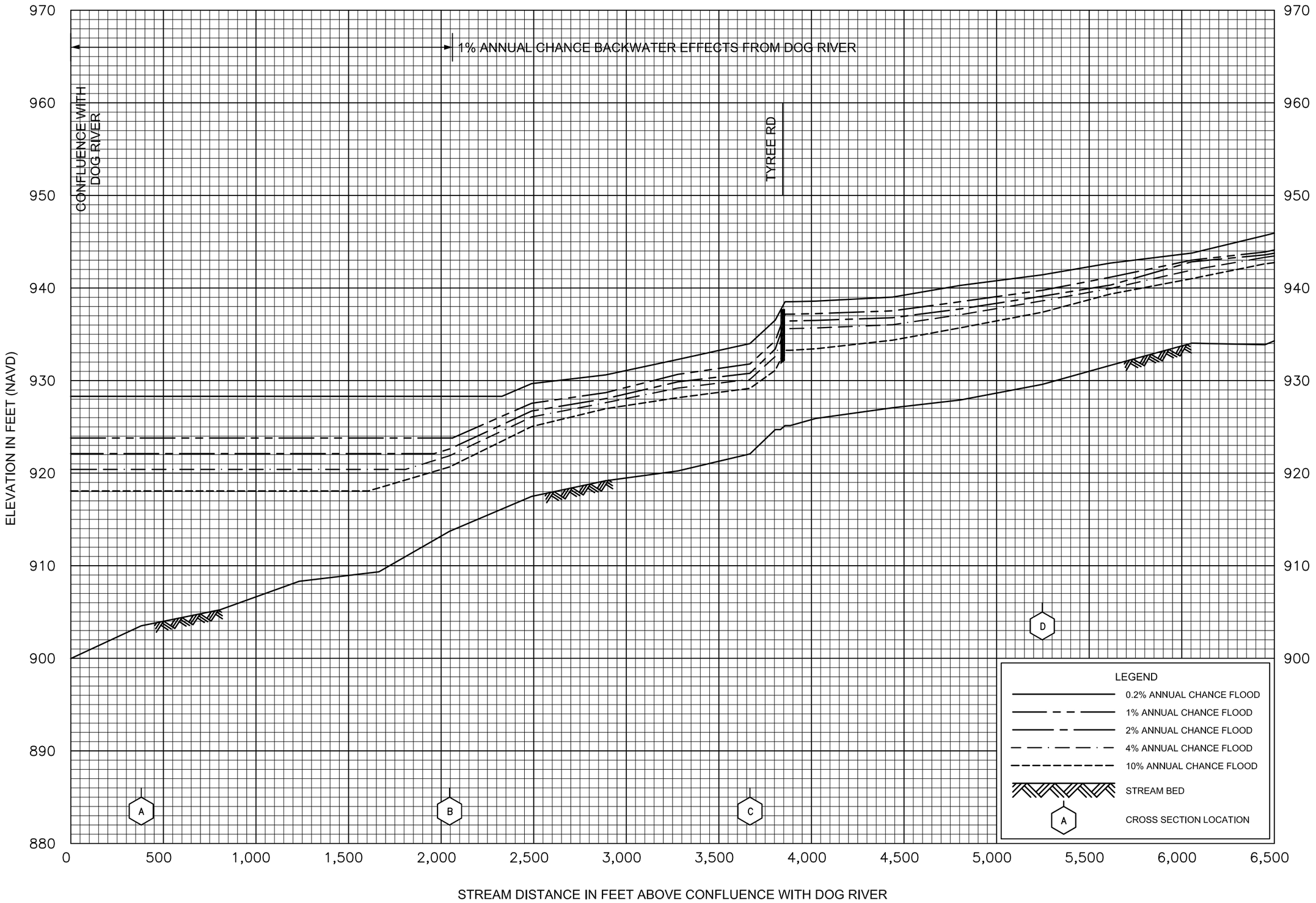


FLOOD PROFILES

BEREA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



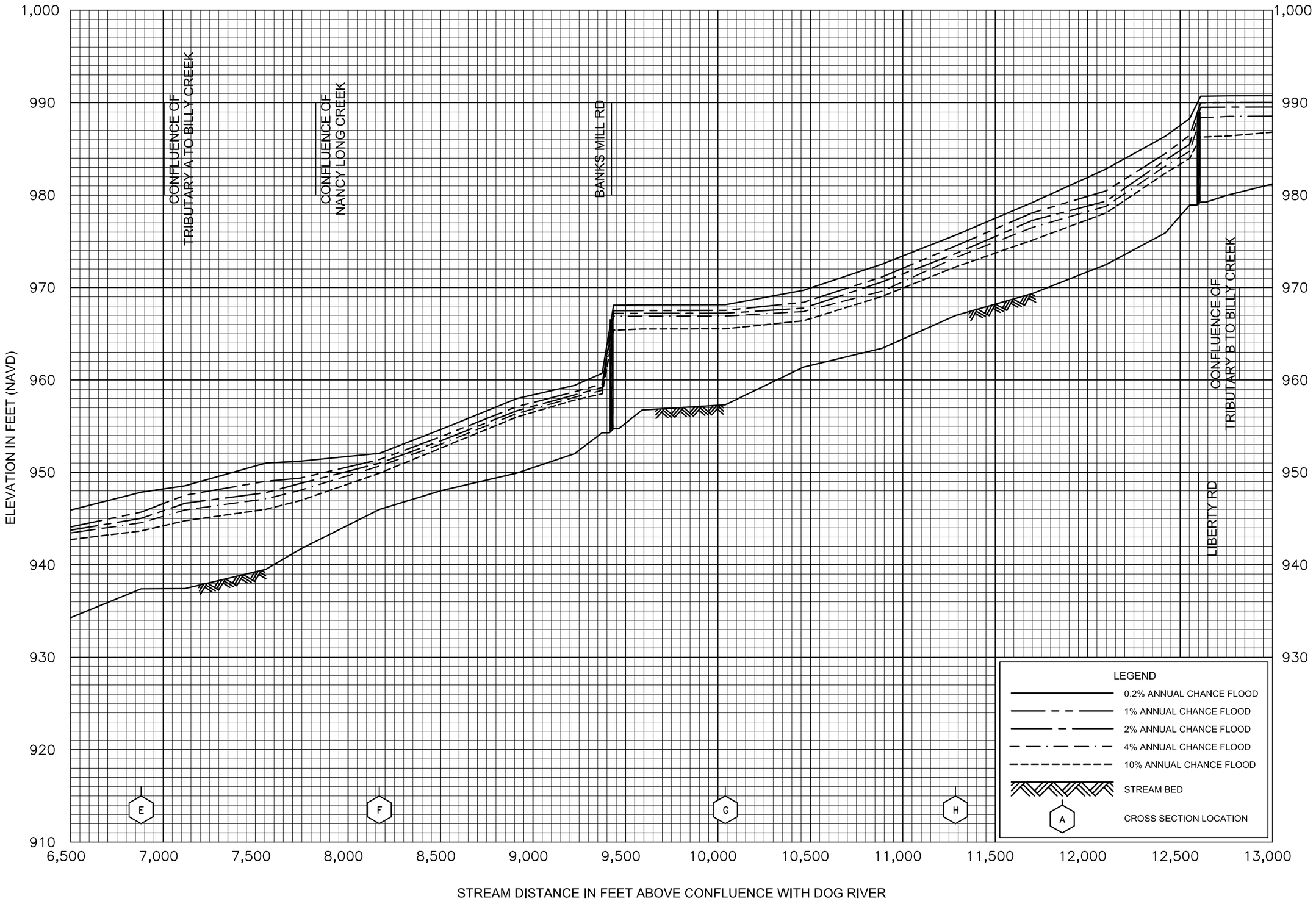
FLOOD PROFILES

BILLY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

107cP



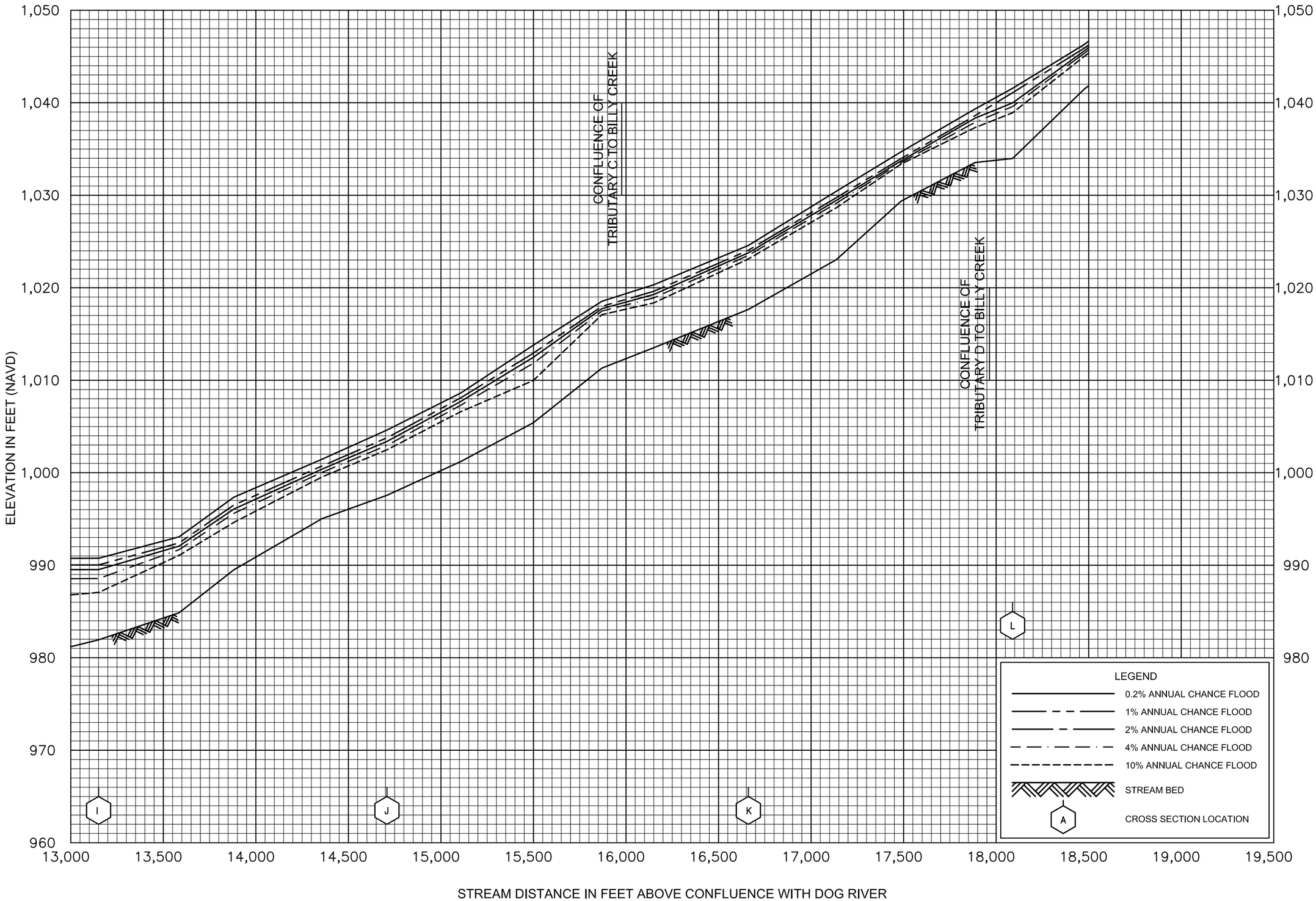
FLOOD PROFILES

BILLY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

107dP



FLOOD PROFILES

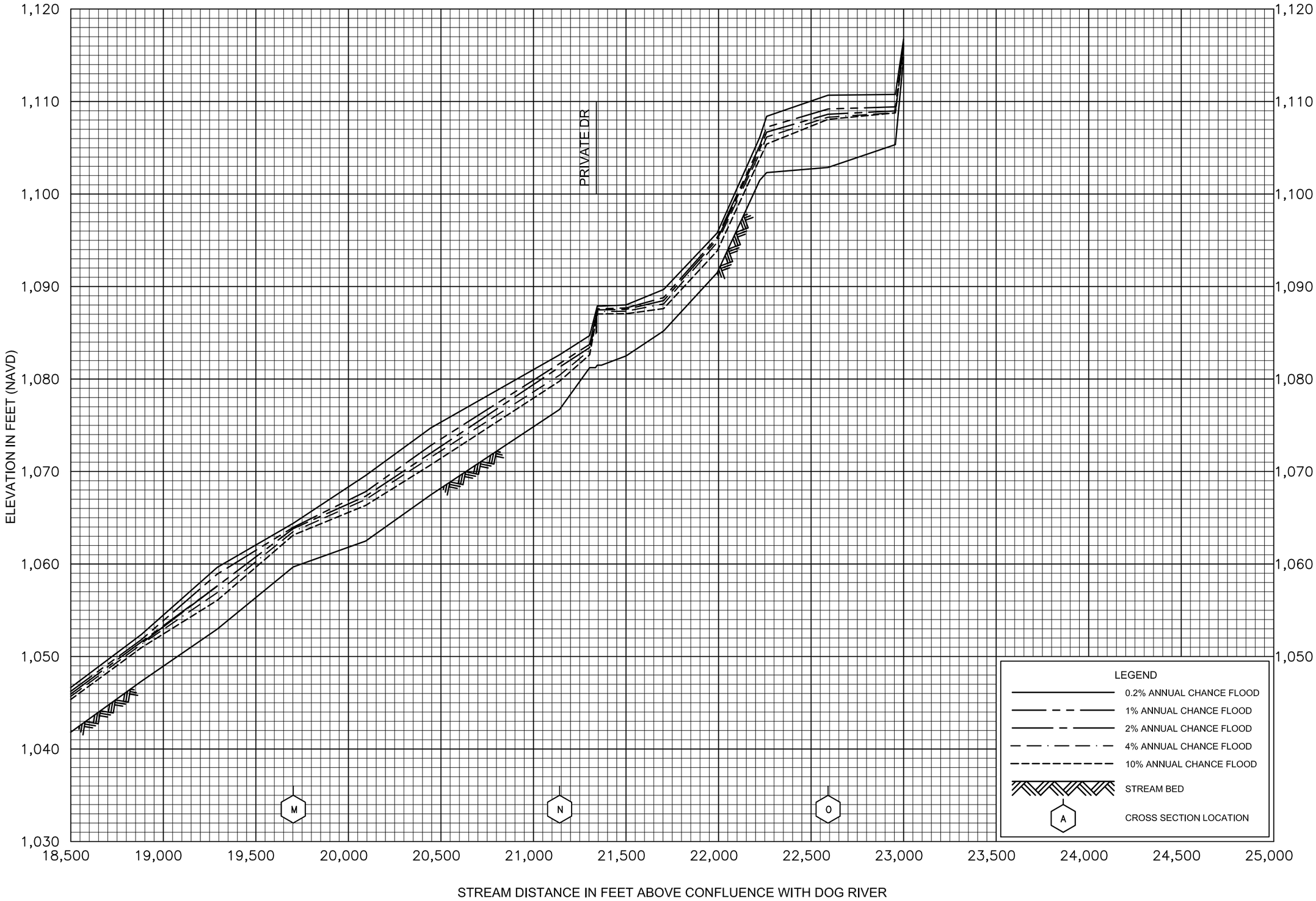
BILLY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

107eP



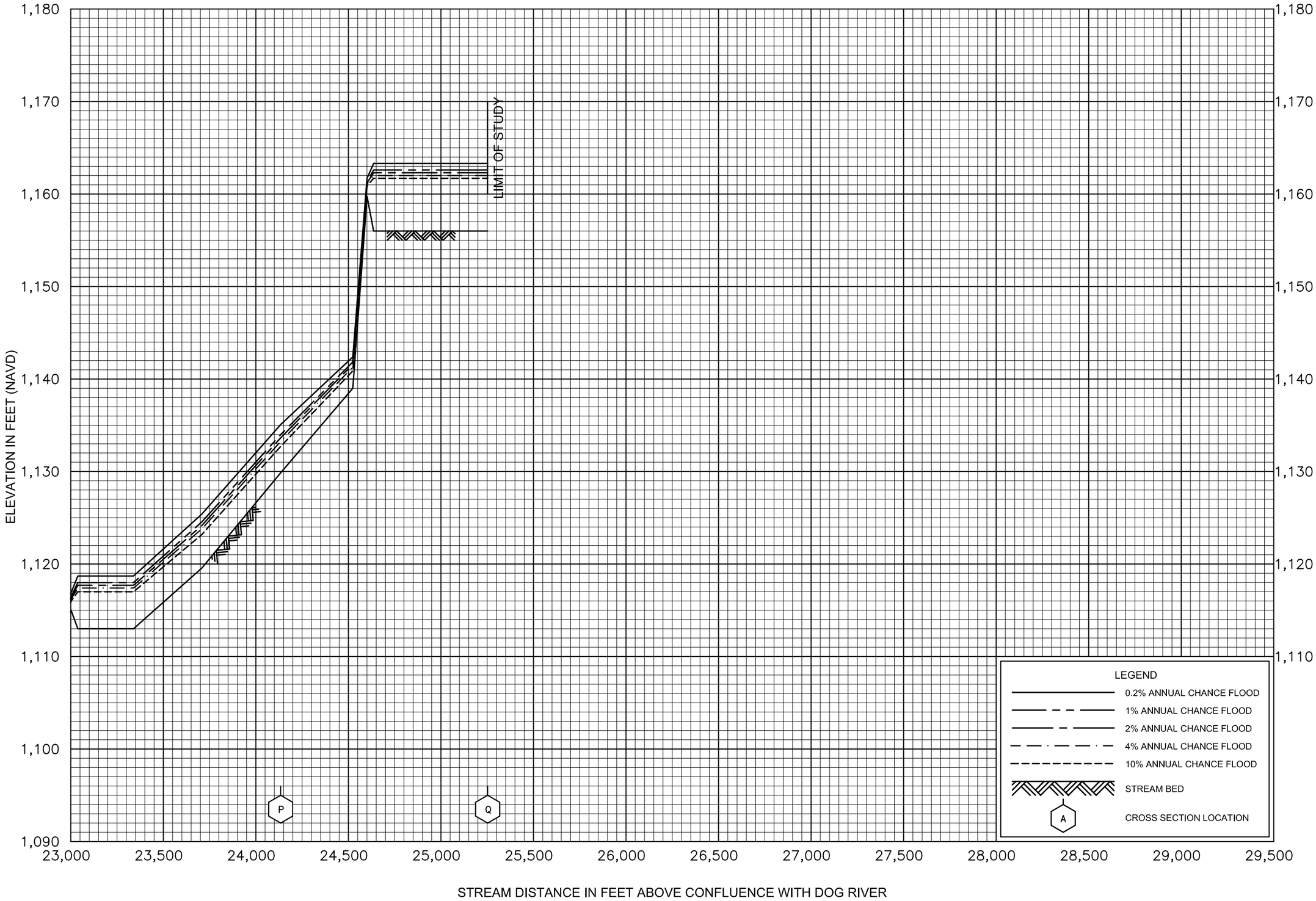
FLOOD PROFILES

BILLY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

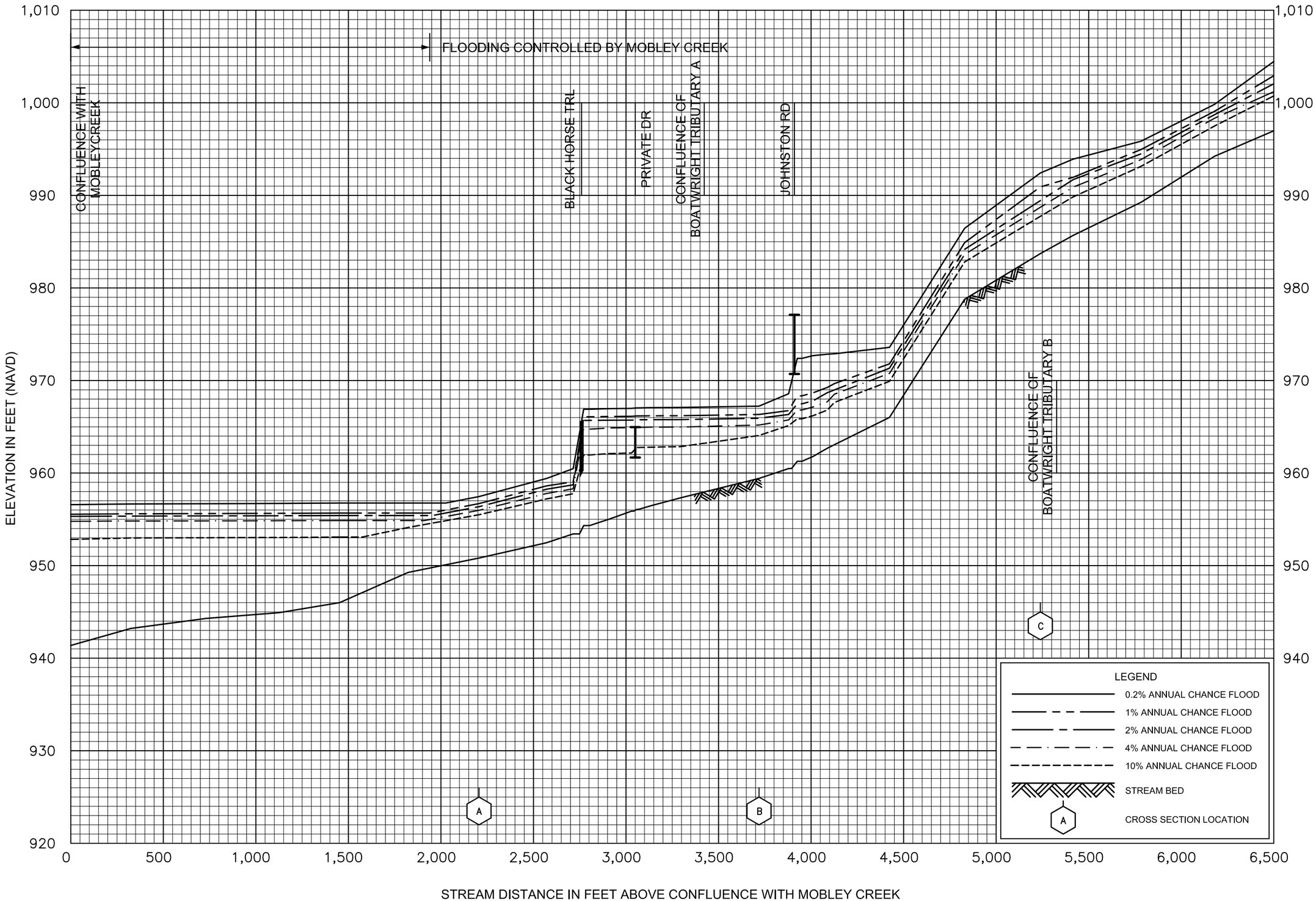


FLOOD PROFILES

BILLY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



FLOOD PROFILES

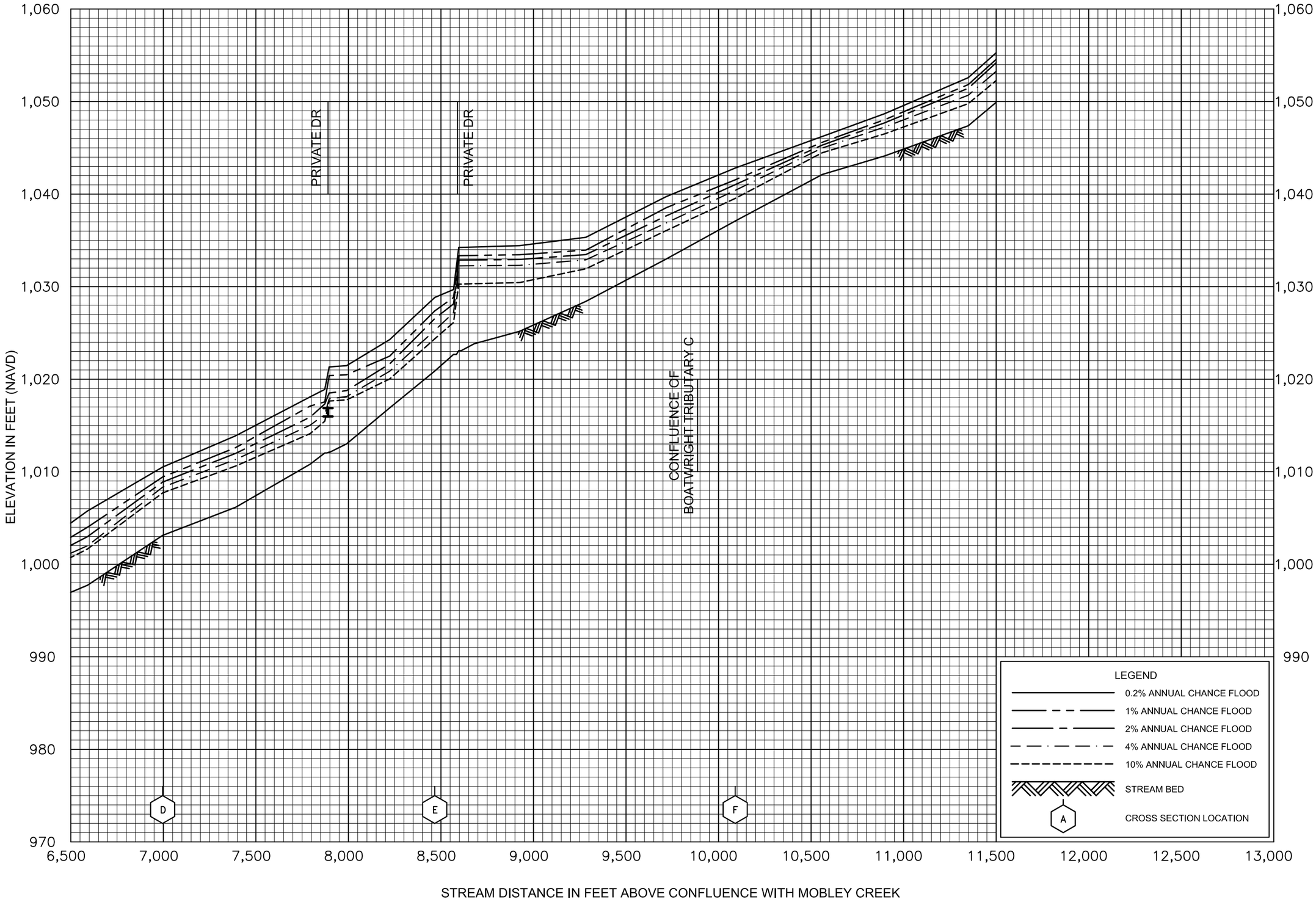
BOATWRIGHT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

107hP



FLOOD PROFILES

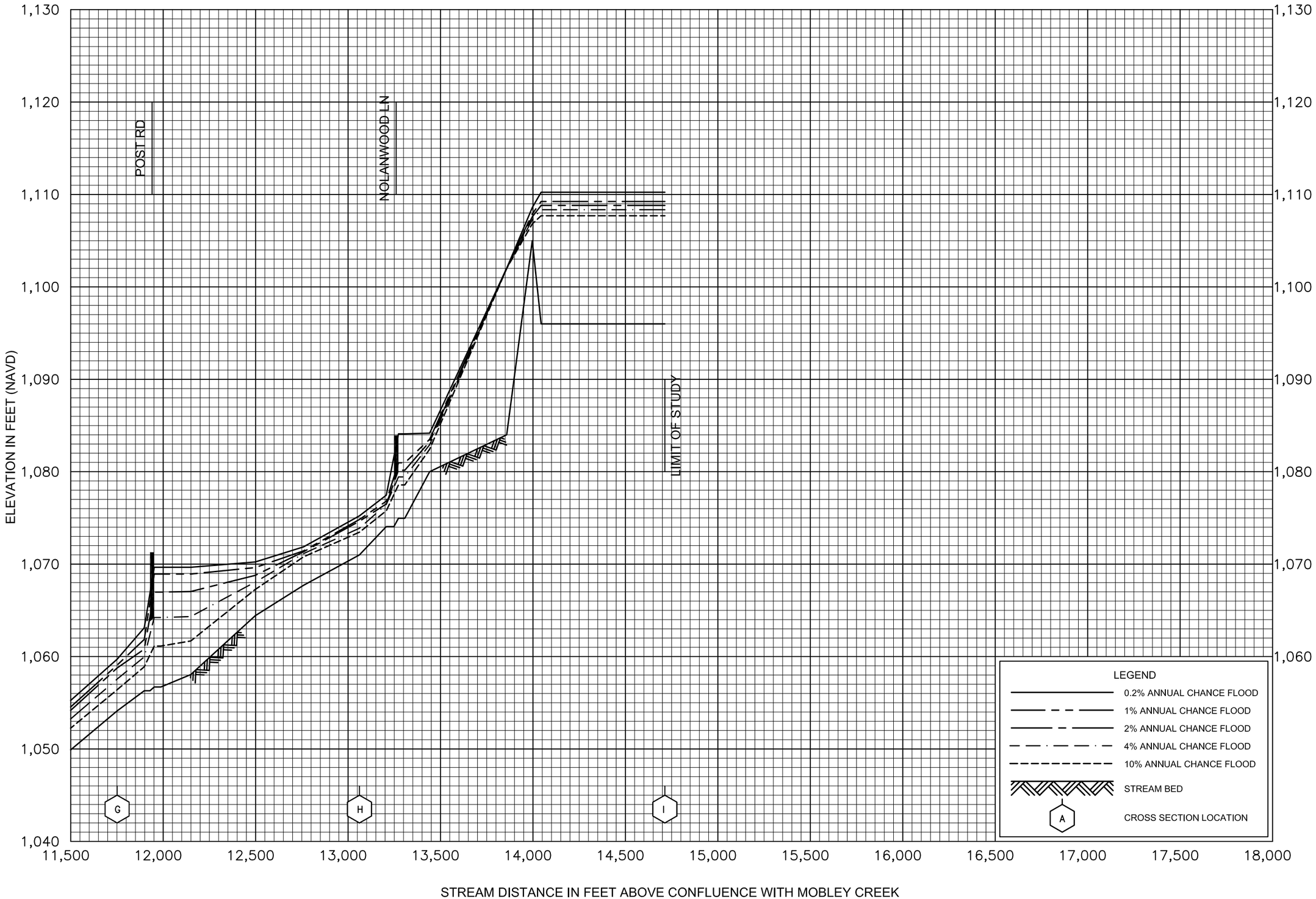
BOATWRIGHT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

107iP

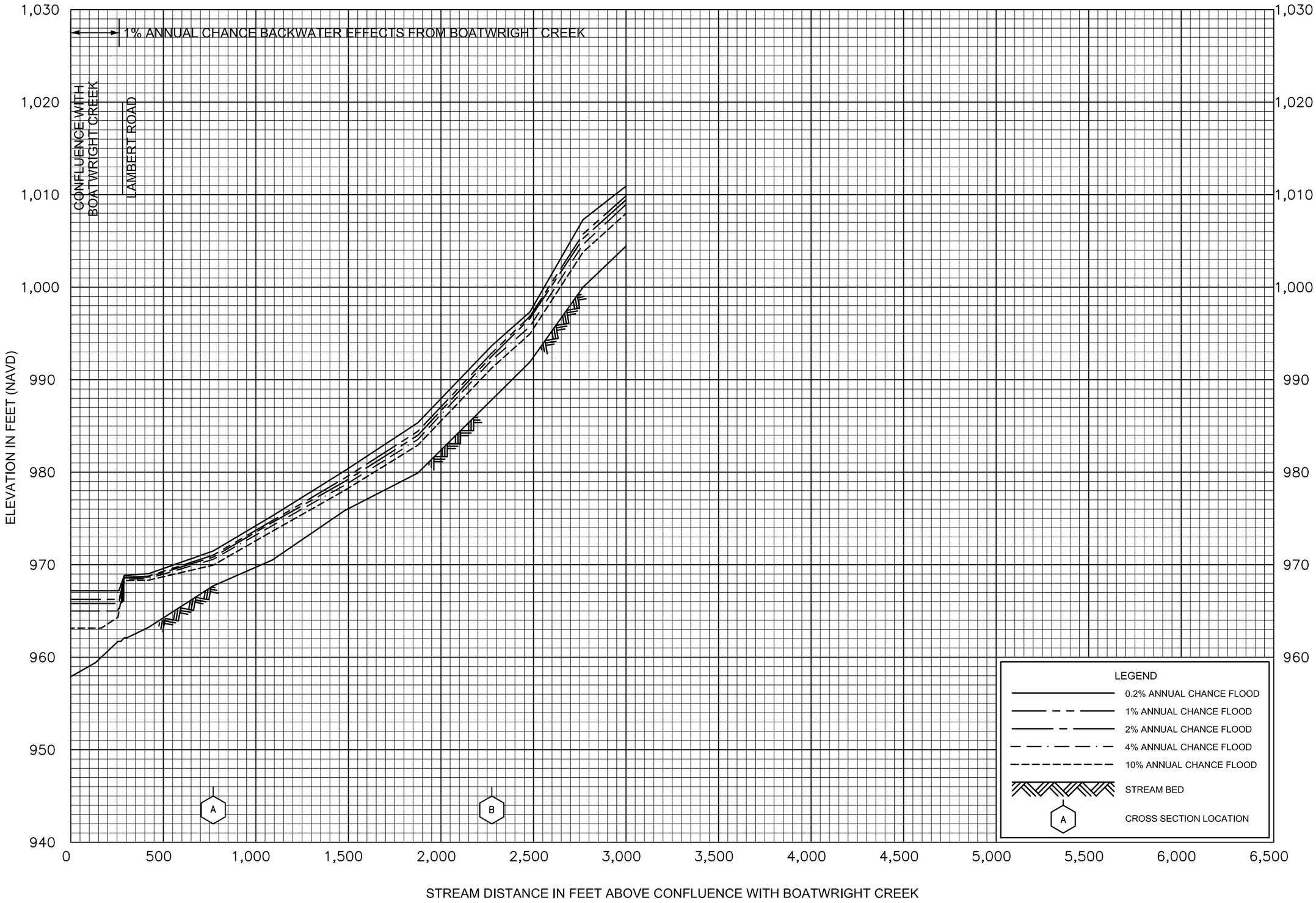


FLOOD PROFILES

BOATWRIGHT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

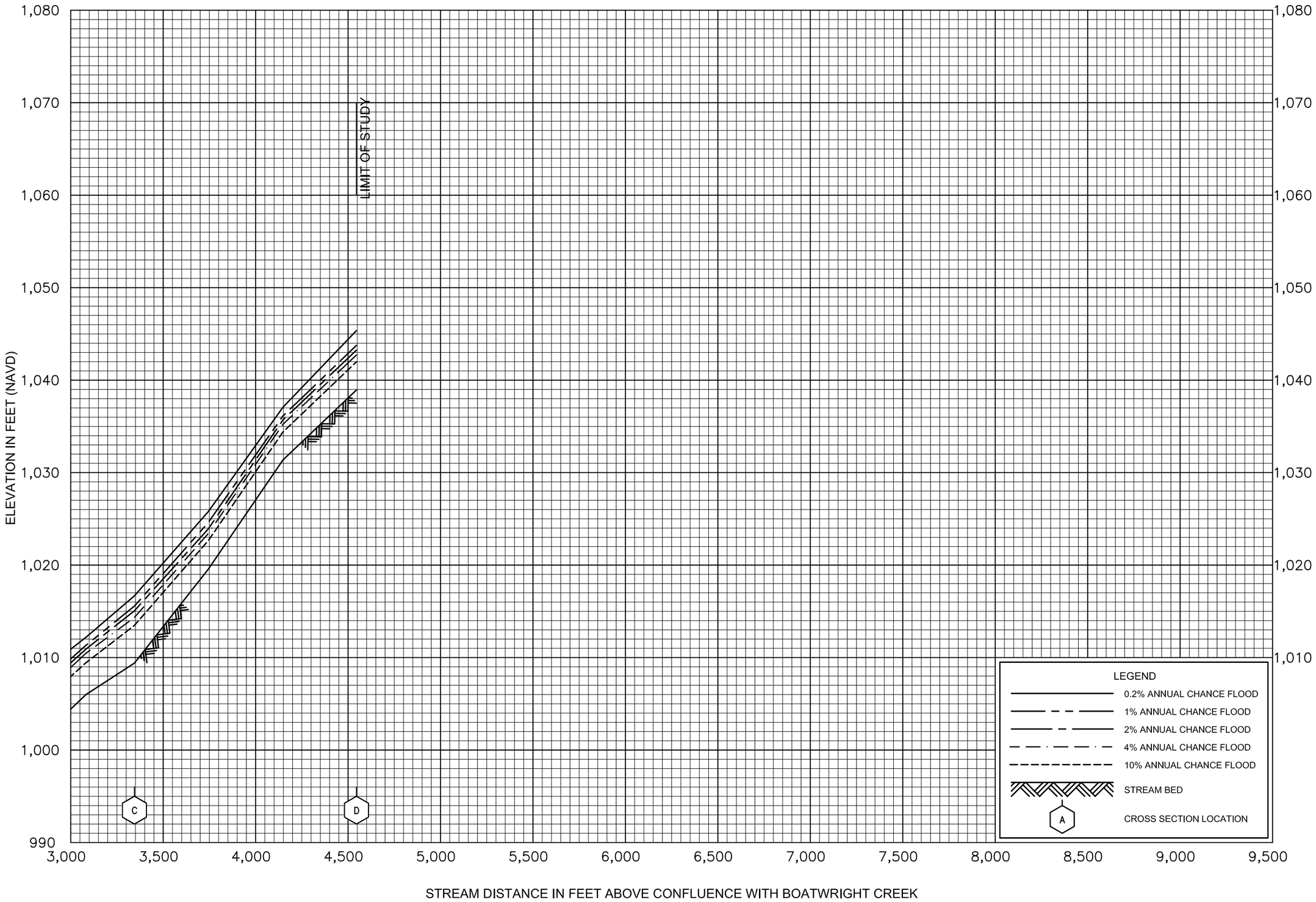


FLOOD PROFILES

BOATWRIGHT CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

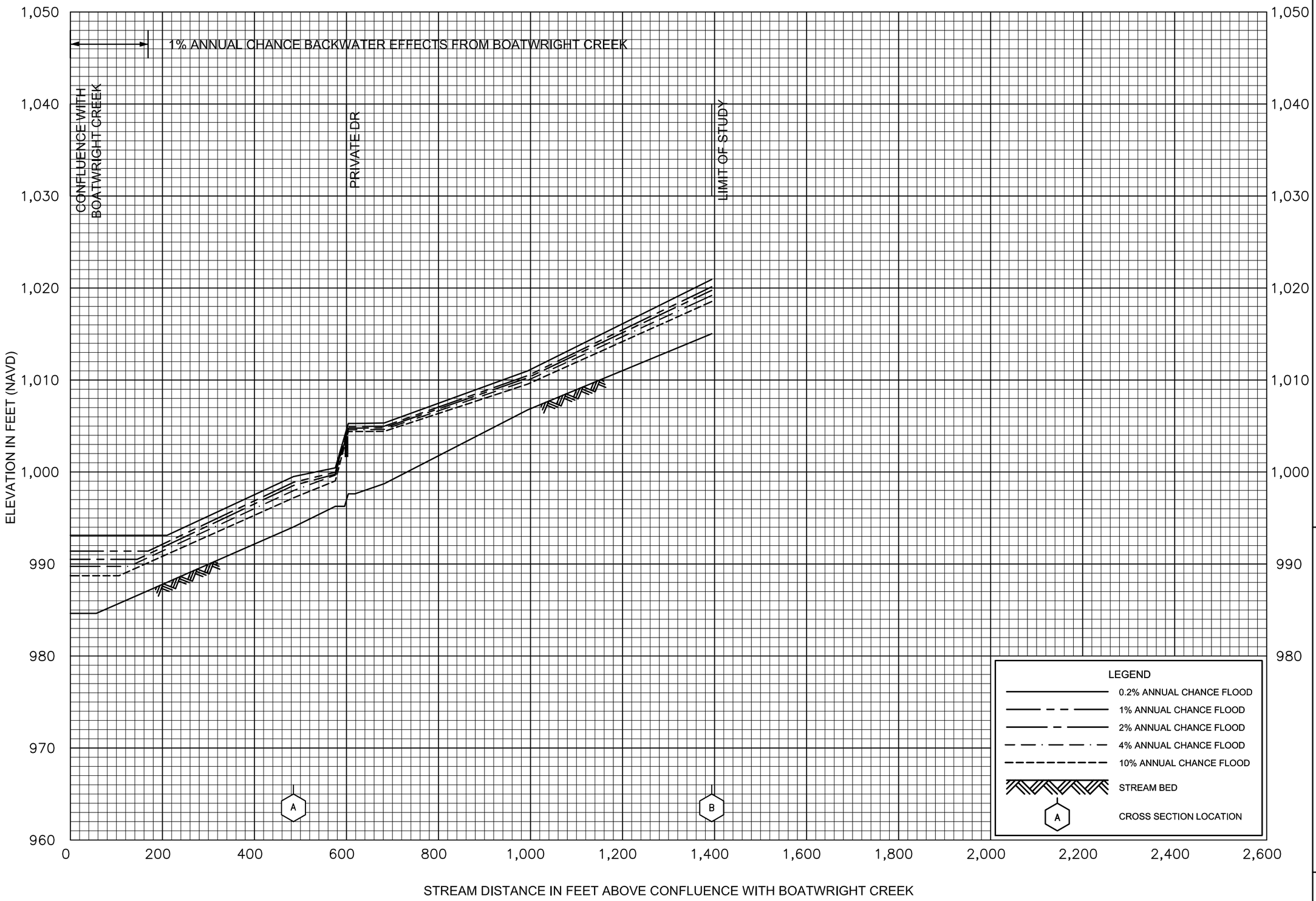


FLOOD PROFILES

BOATWRIGHT CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



FLOOD PROFILES

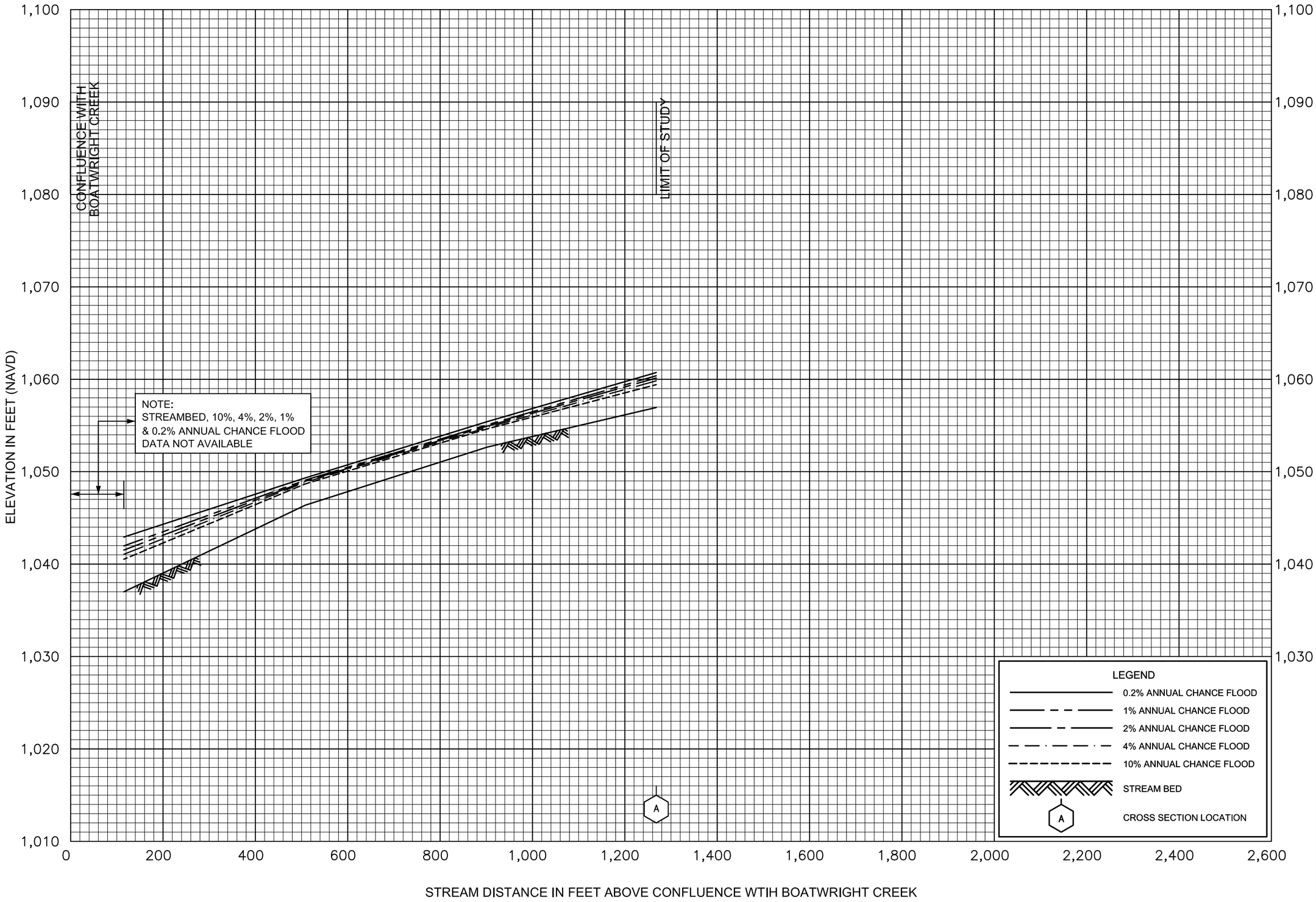
BOATWRIGHT CREEK TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

107mP



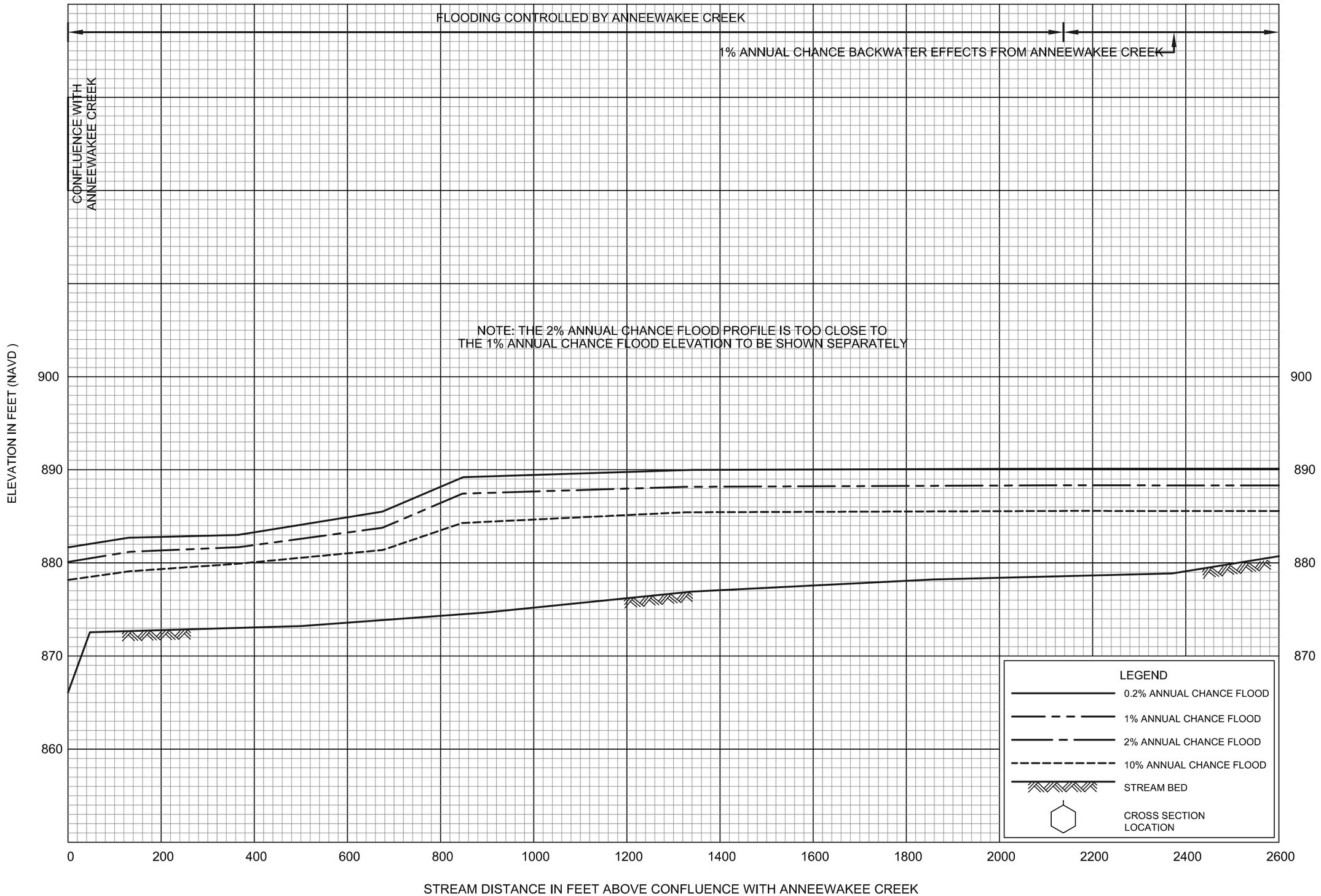
FLOOD PROFILES

BOATWRIGHT CREEK TRIBUTARY C

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

107nP



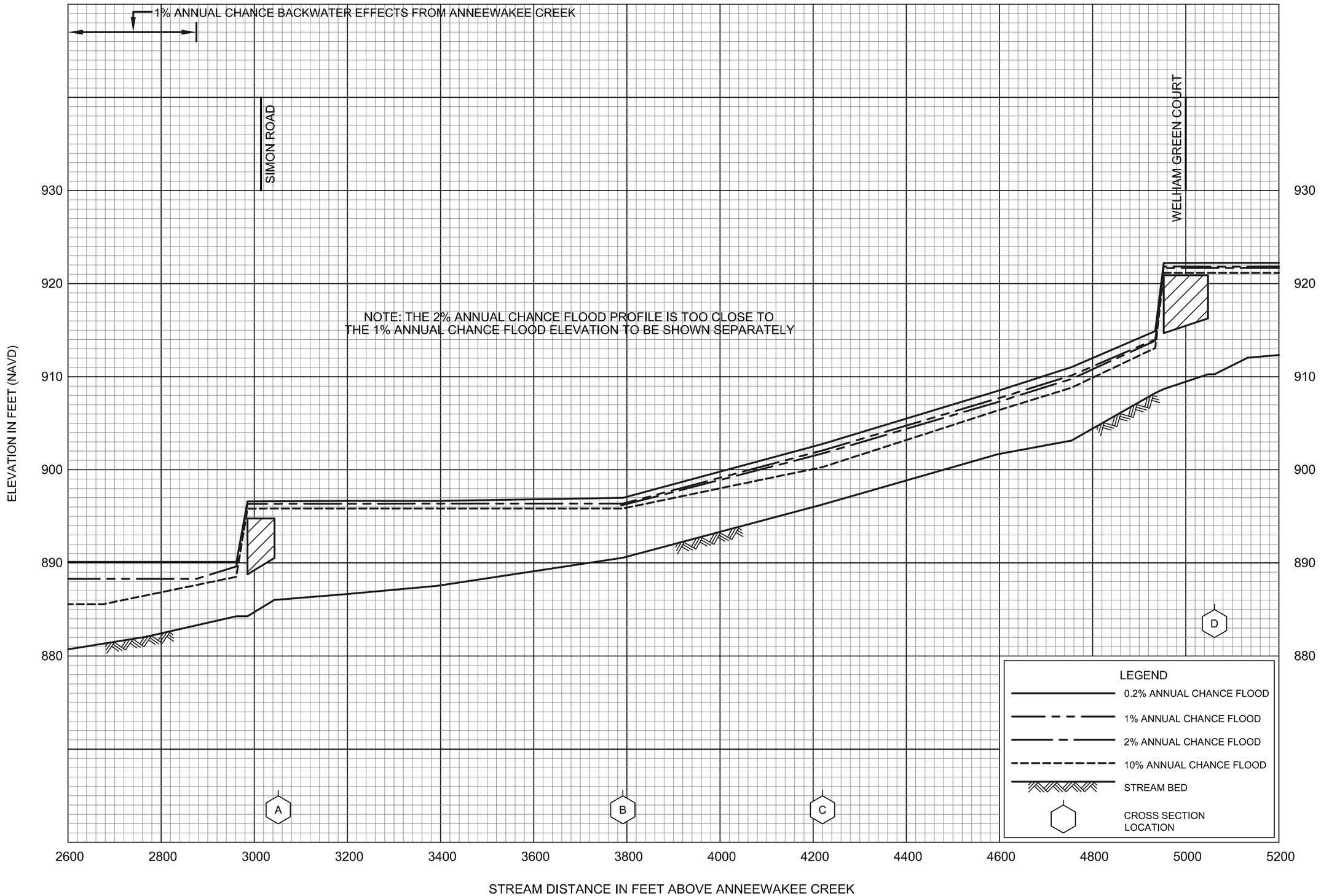
FLOOD PROFILES

BOMAR BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



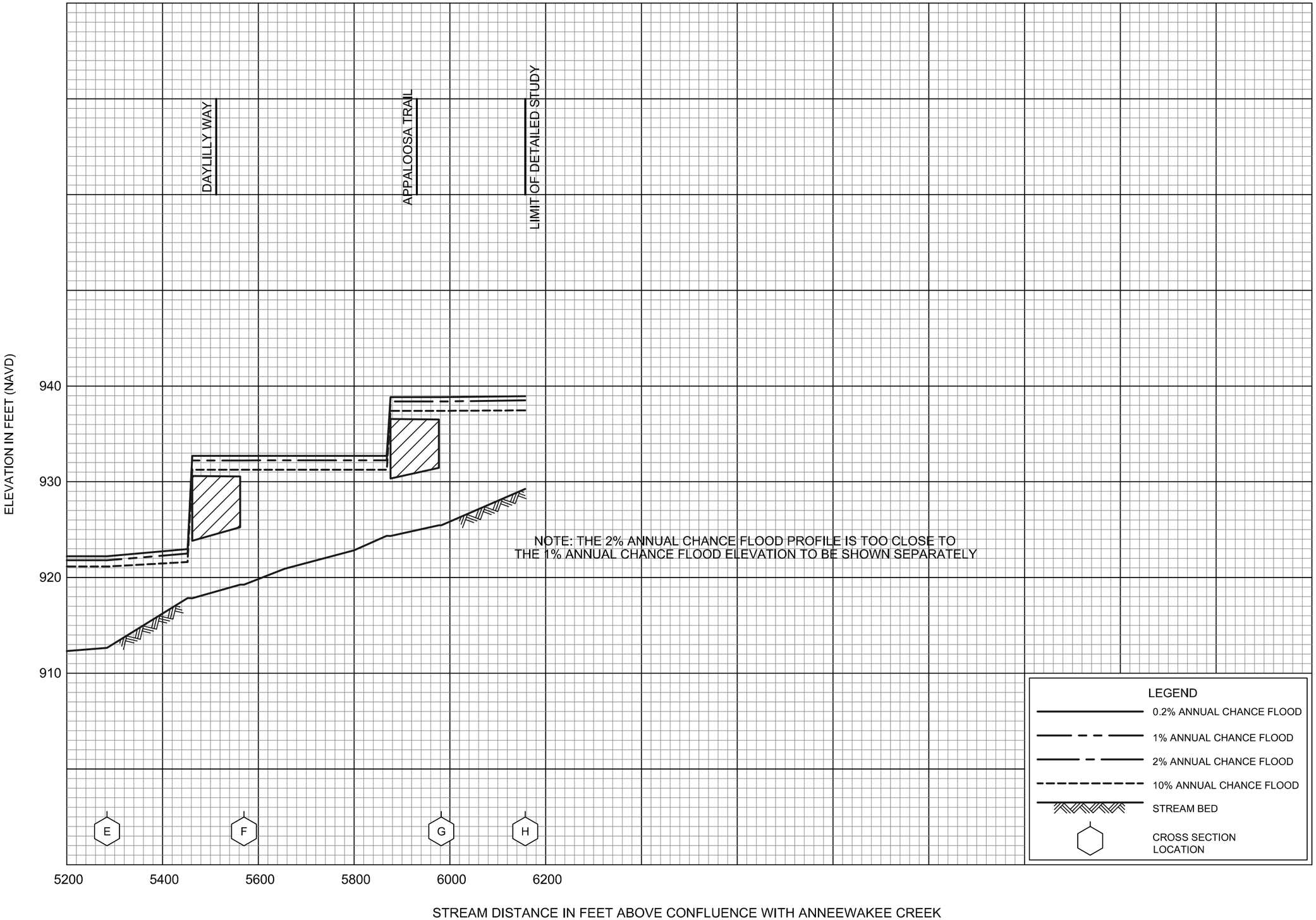
FLOOD PROFILES

BOMAR BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



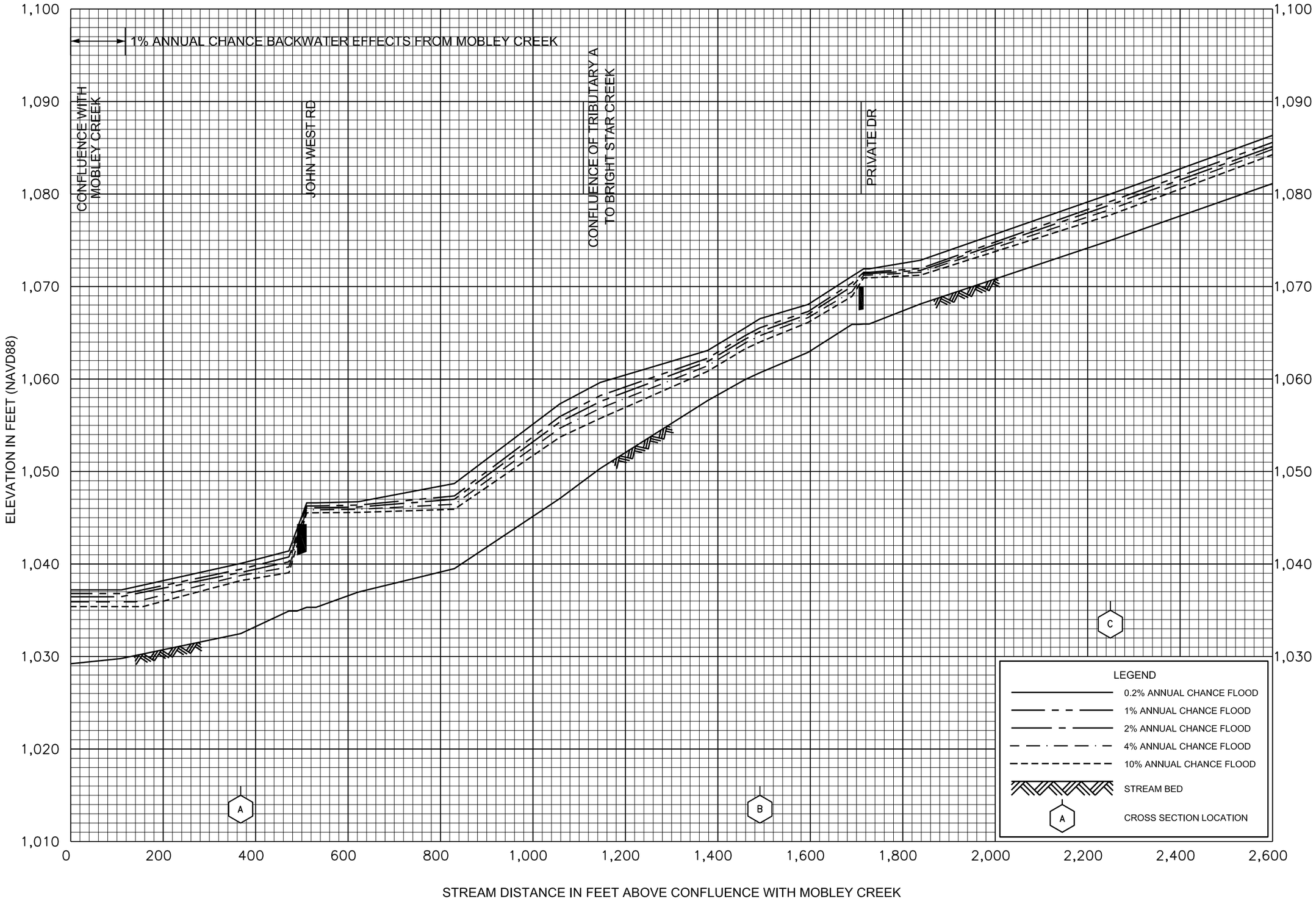
FLOOD PROFILES

BOMAR BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



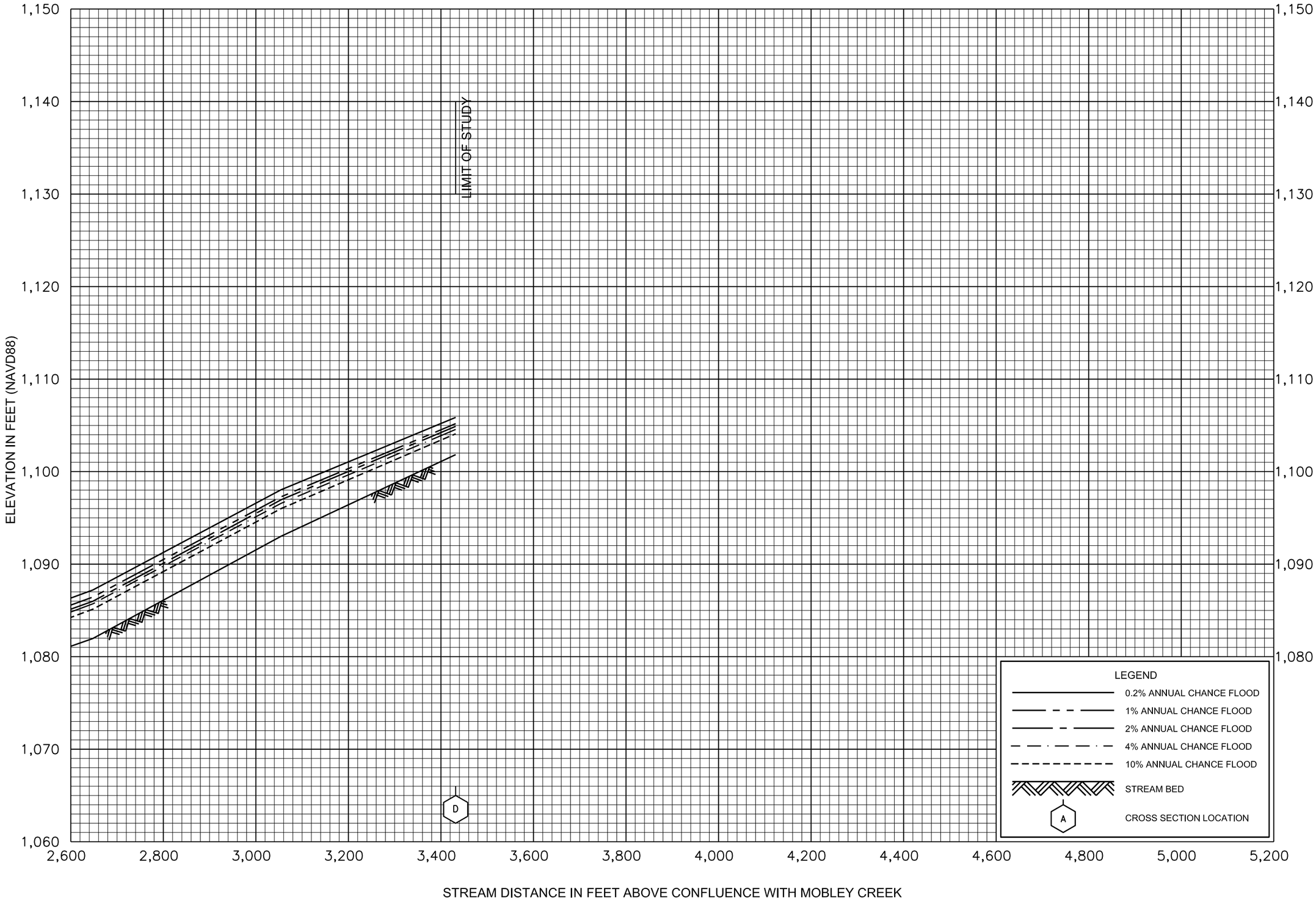
FLOOD PROFILES

BRIGHTSTAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

110aP



FLOOD PROFILES

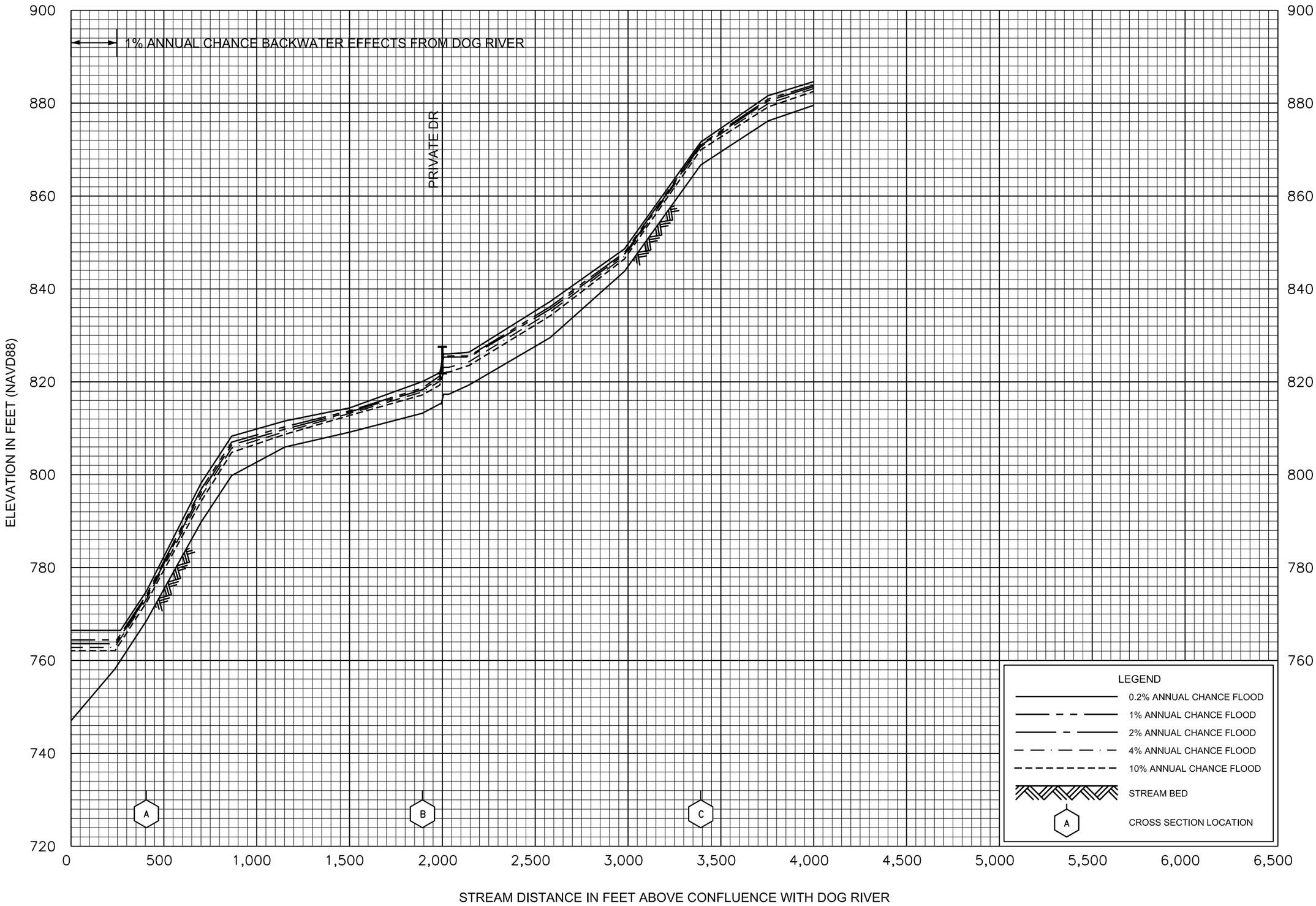
BRIGHTSTAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

110bP



FLOOD PROFILES

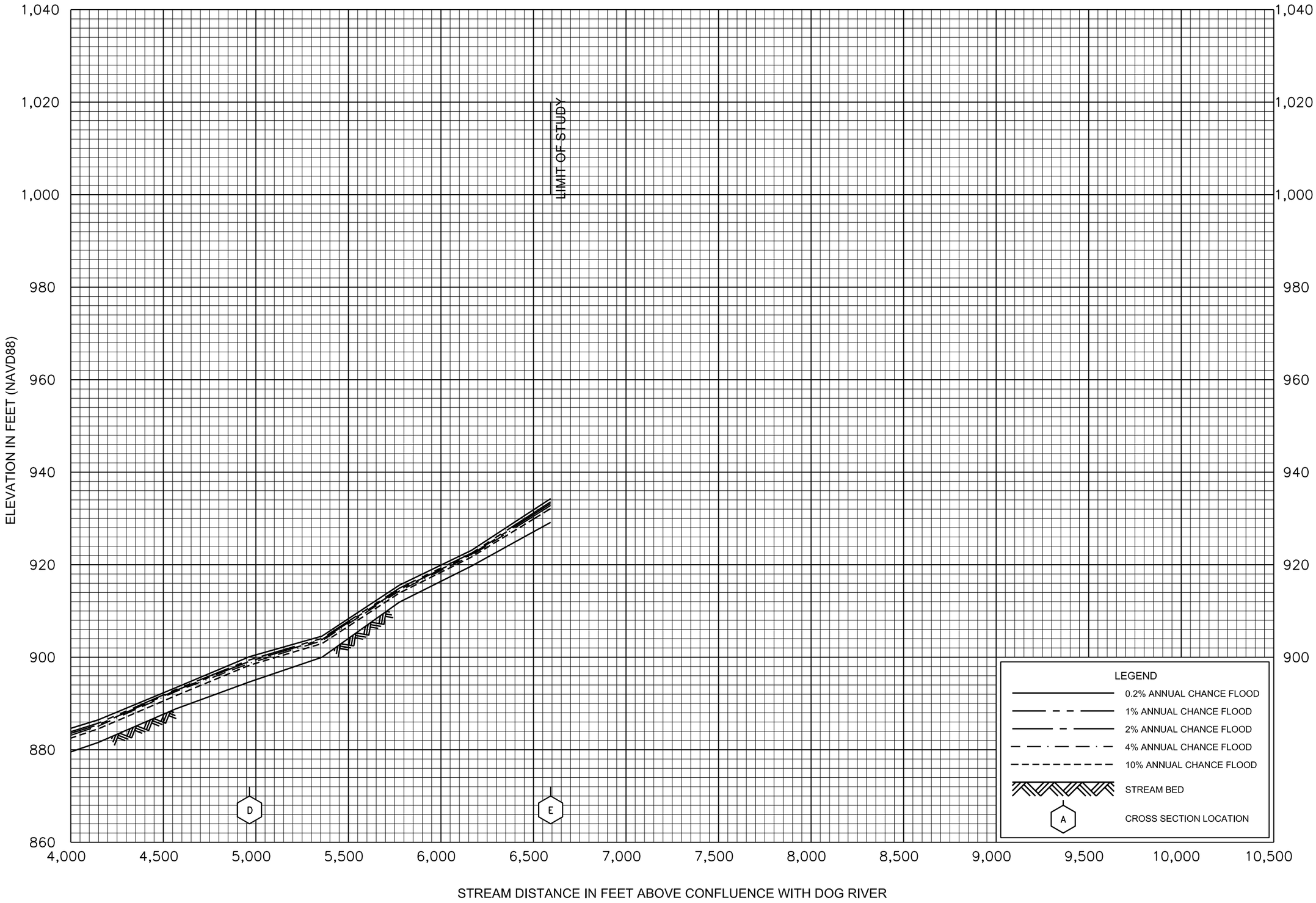
CAINE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

110cP

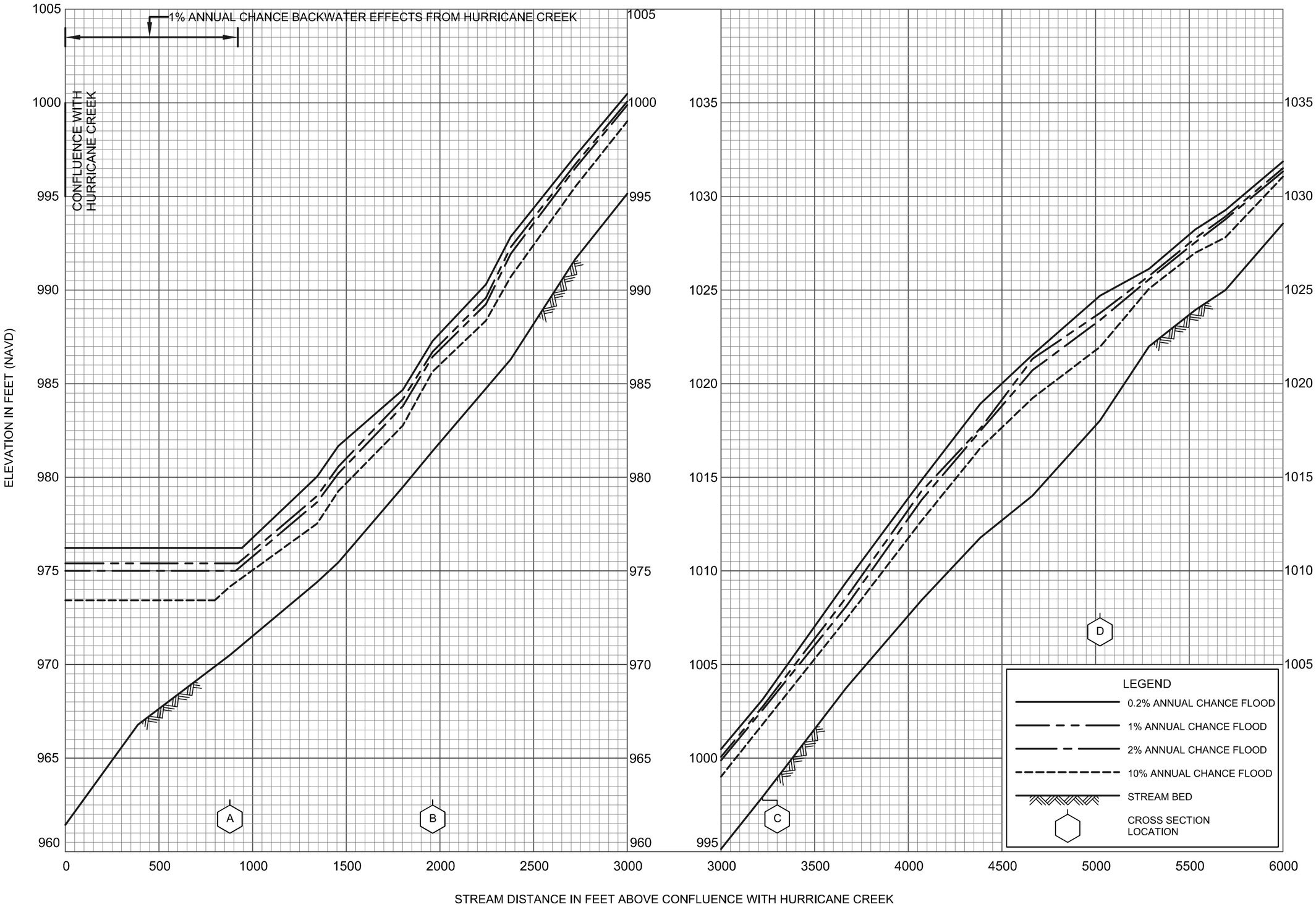


FLOOD PROFILES

CAINE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



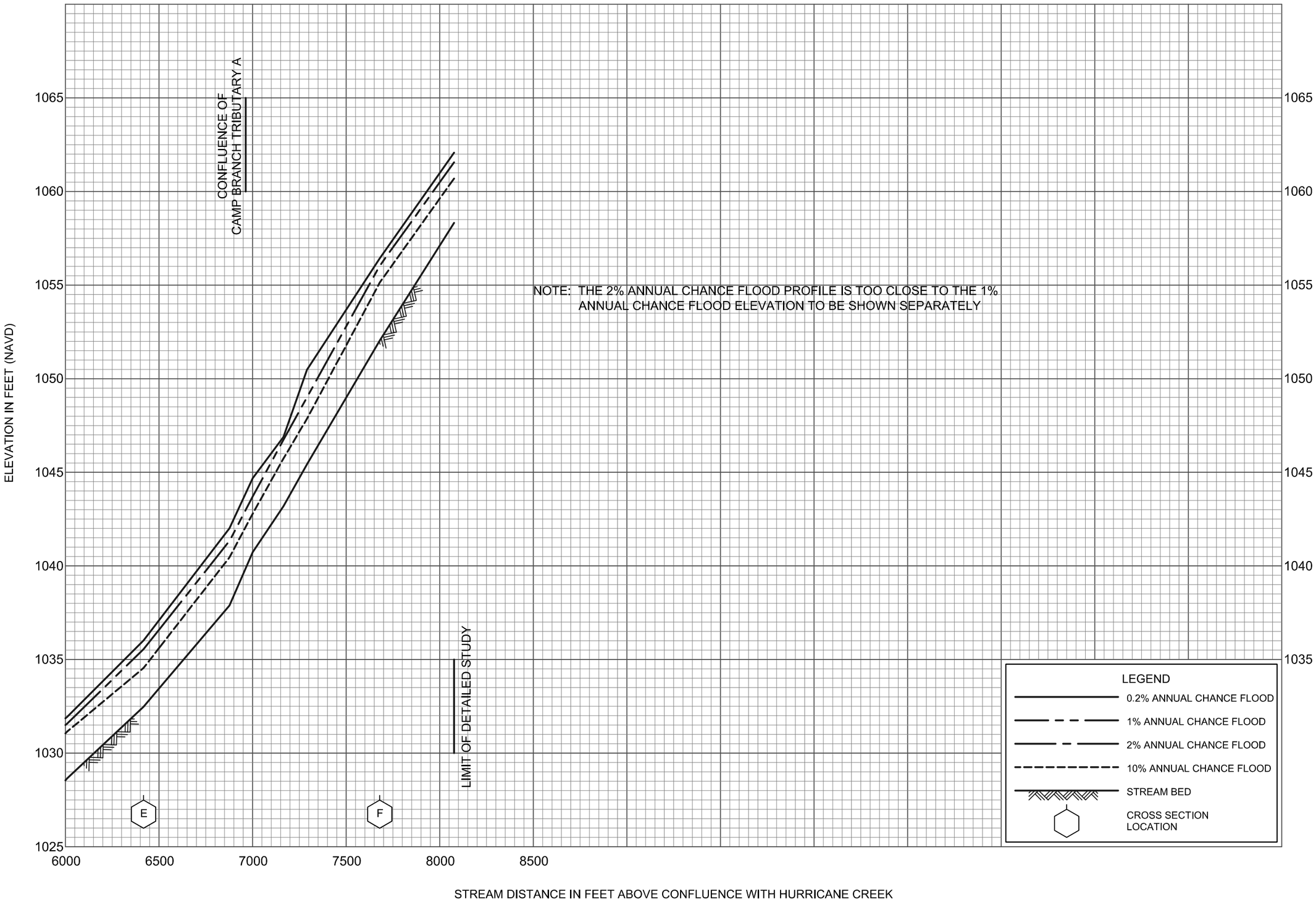
FLOOD PROFILES

CAMP BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



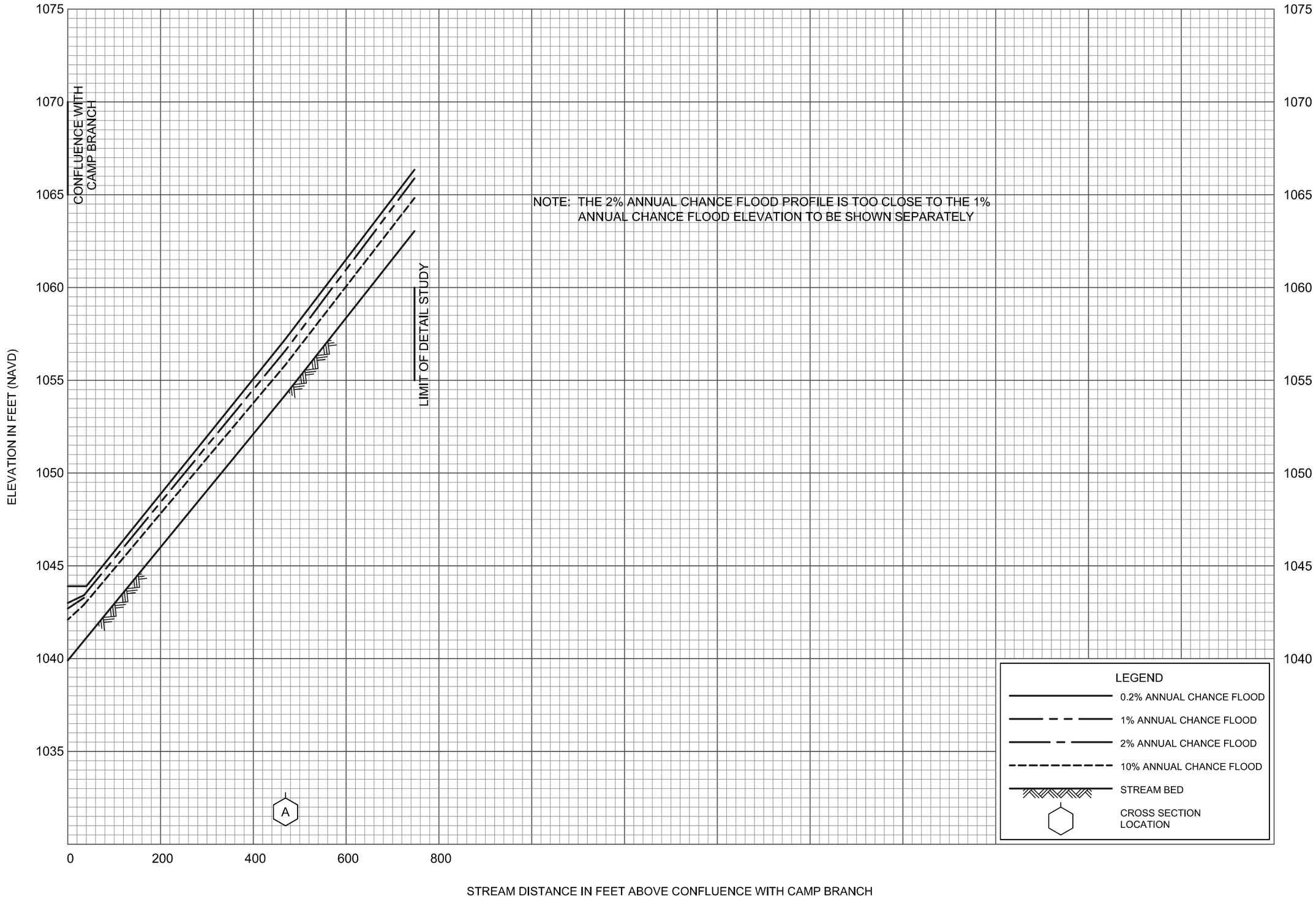
FLOOD PROFILES

CAMP BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



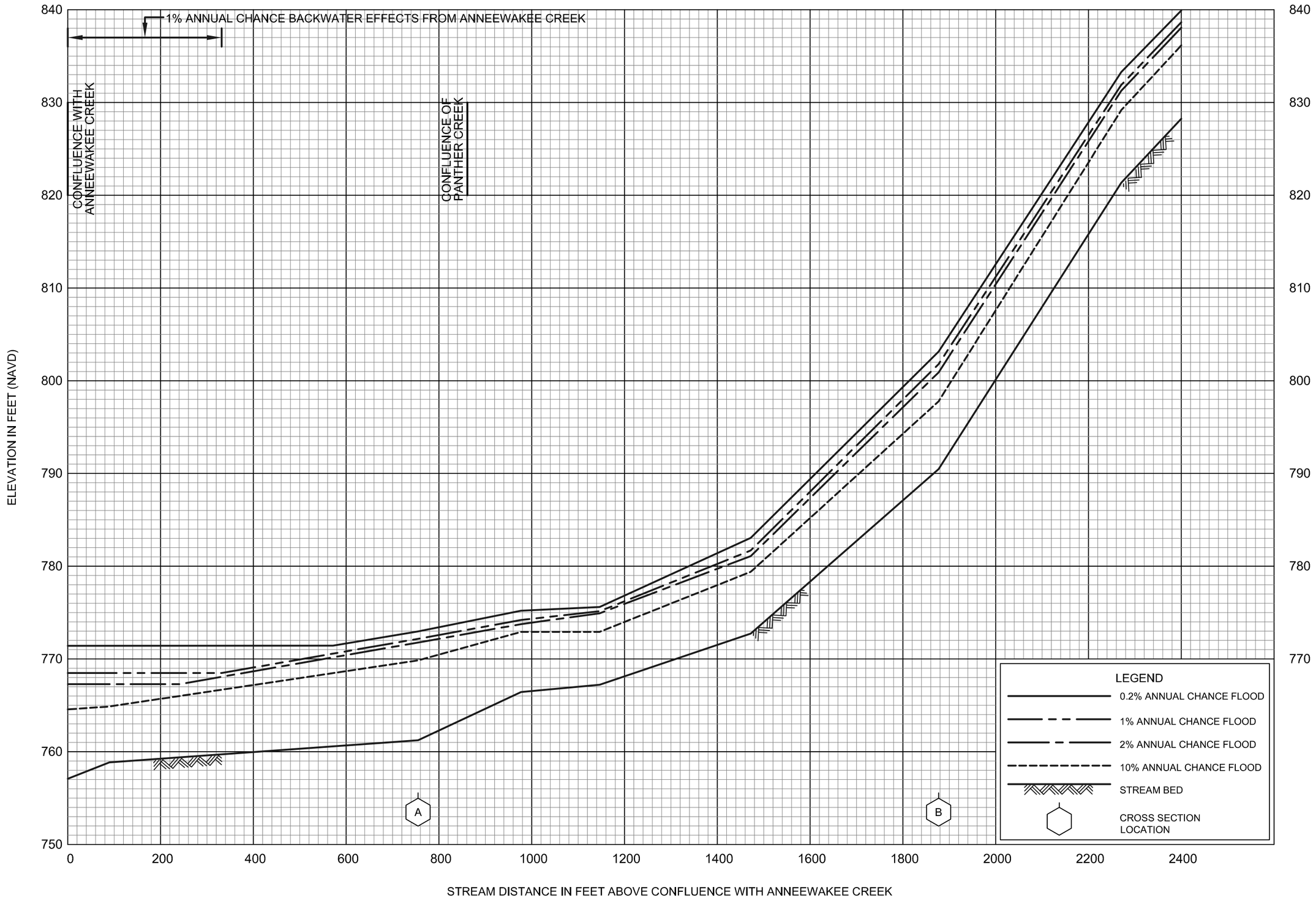
FLOOD PROFILES

CAMP BRANCH TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



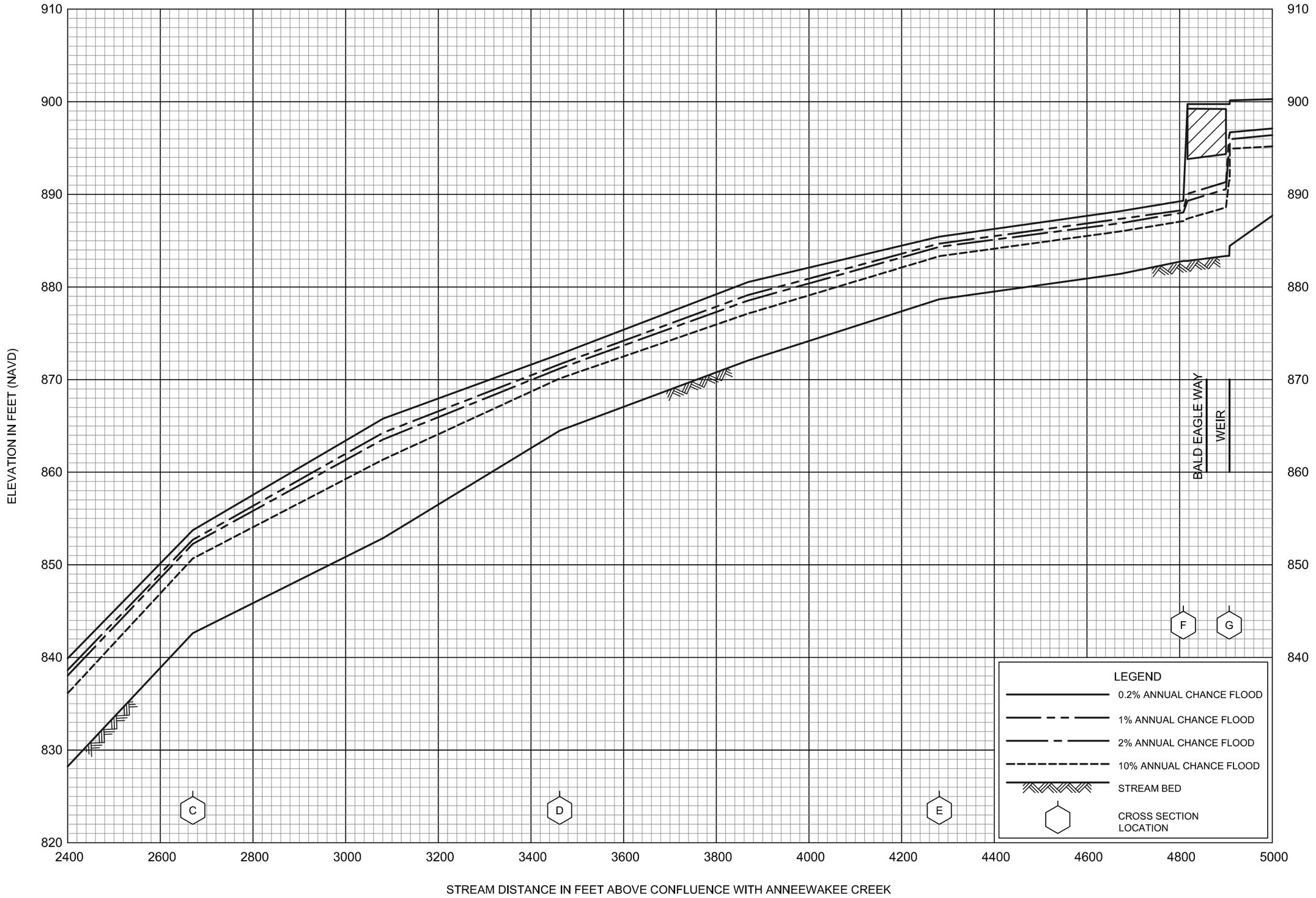
FLOOD PROFILES

CHAPEL FARMS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



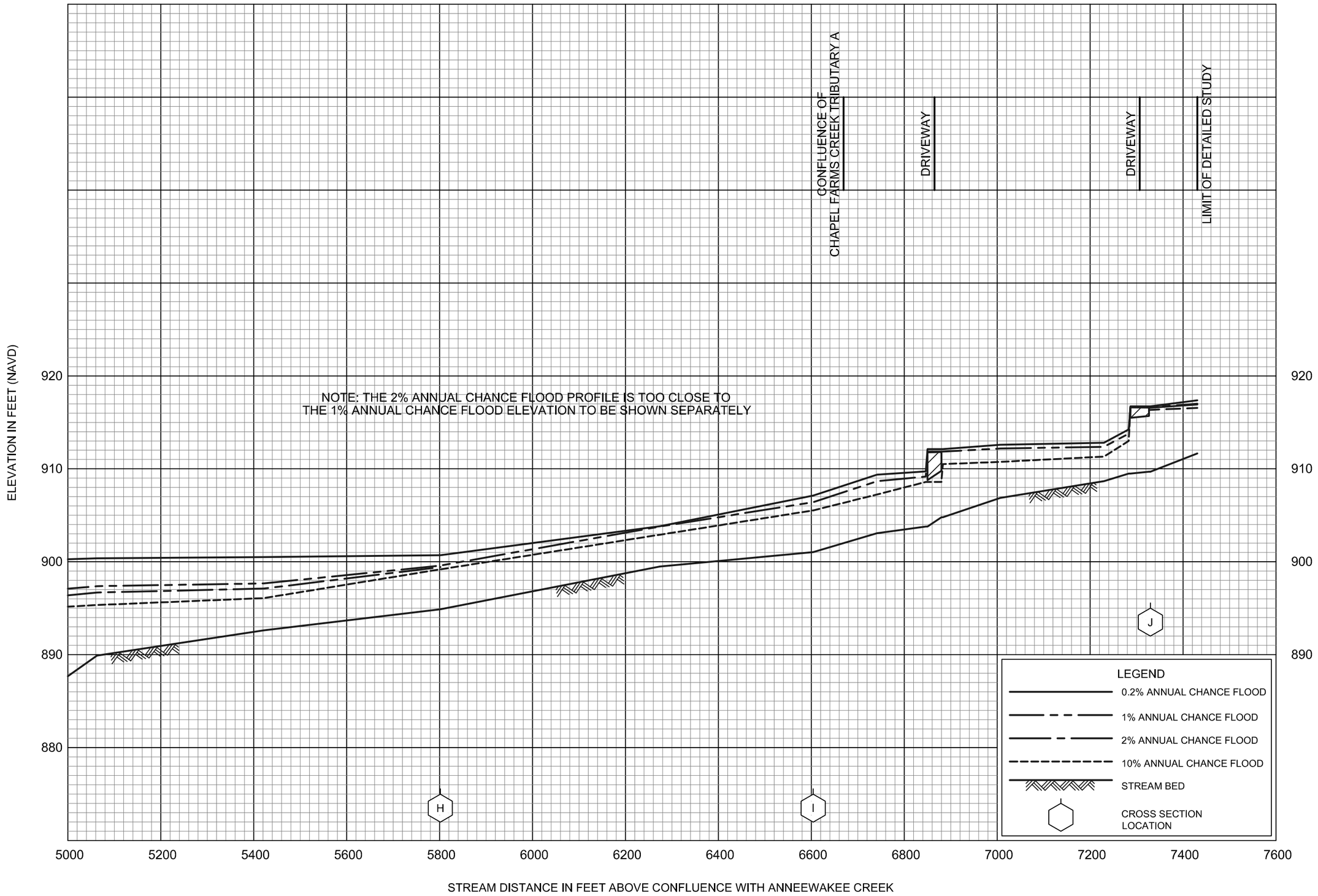
FLOOD PROFILES

CHAPEL FARMS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



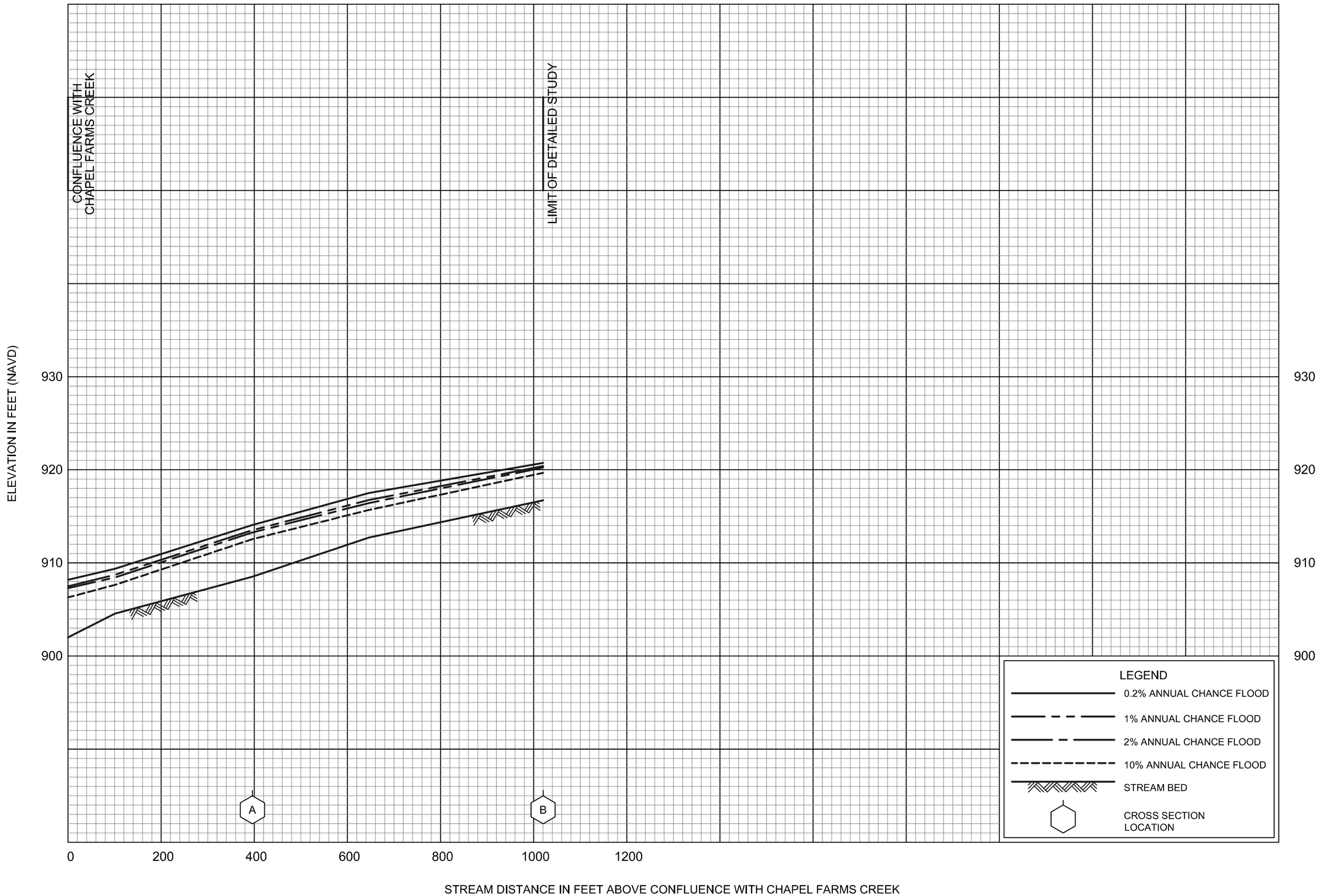
FLOOD PROFILES

CHAPEL FARMS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



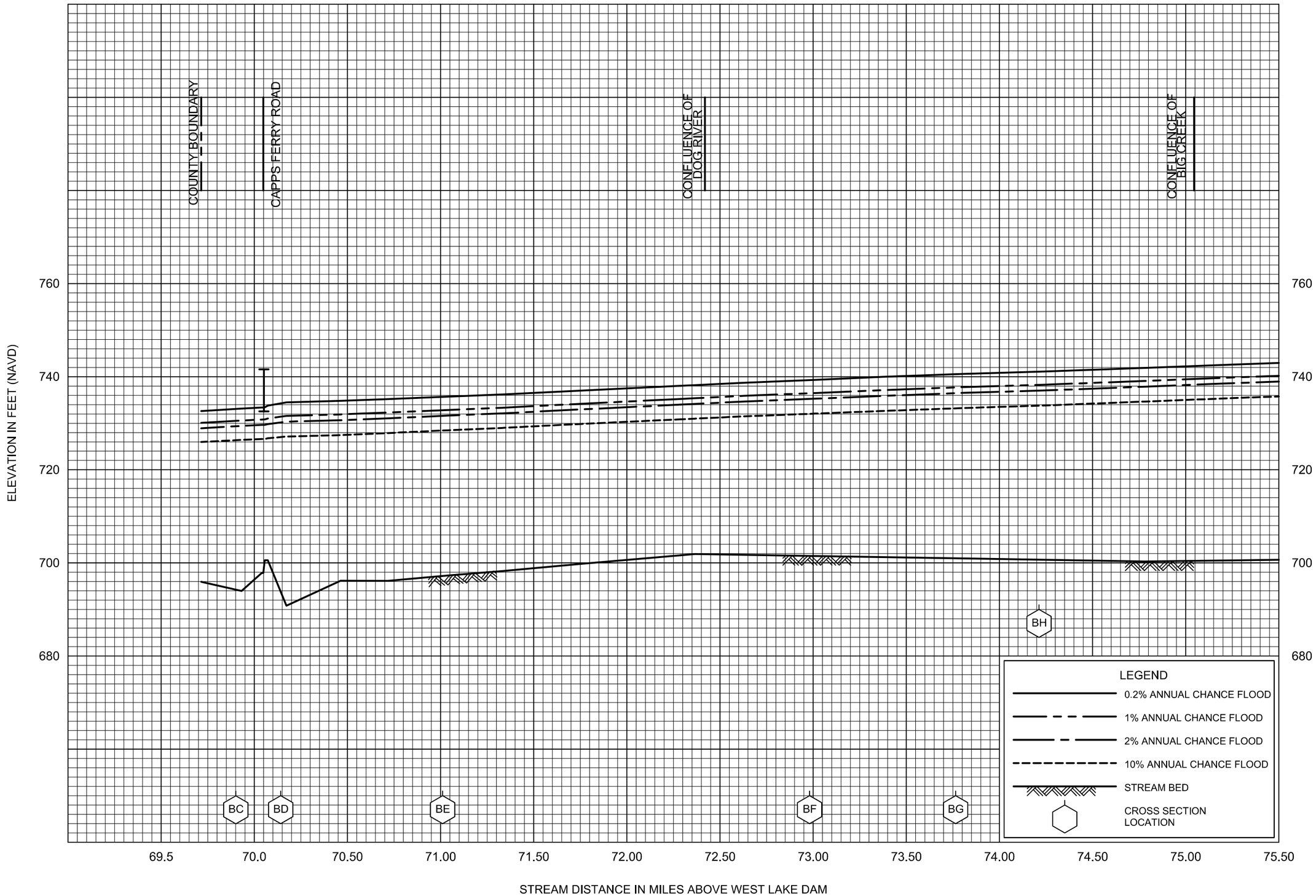
FLOOD PROFILES

CHAPEL FARMS CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



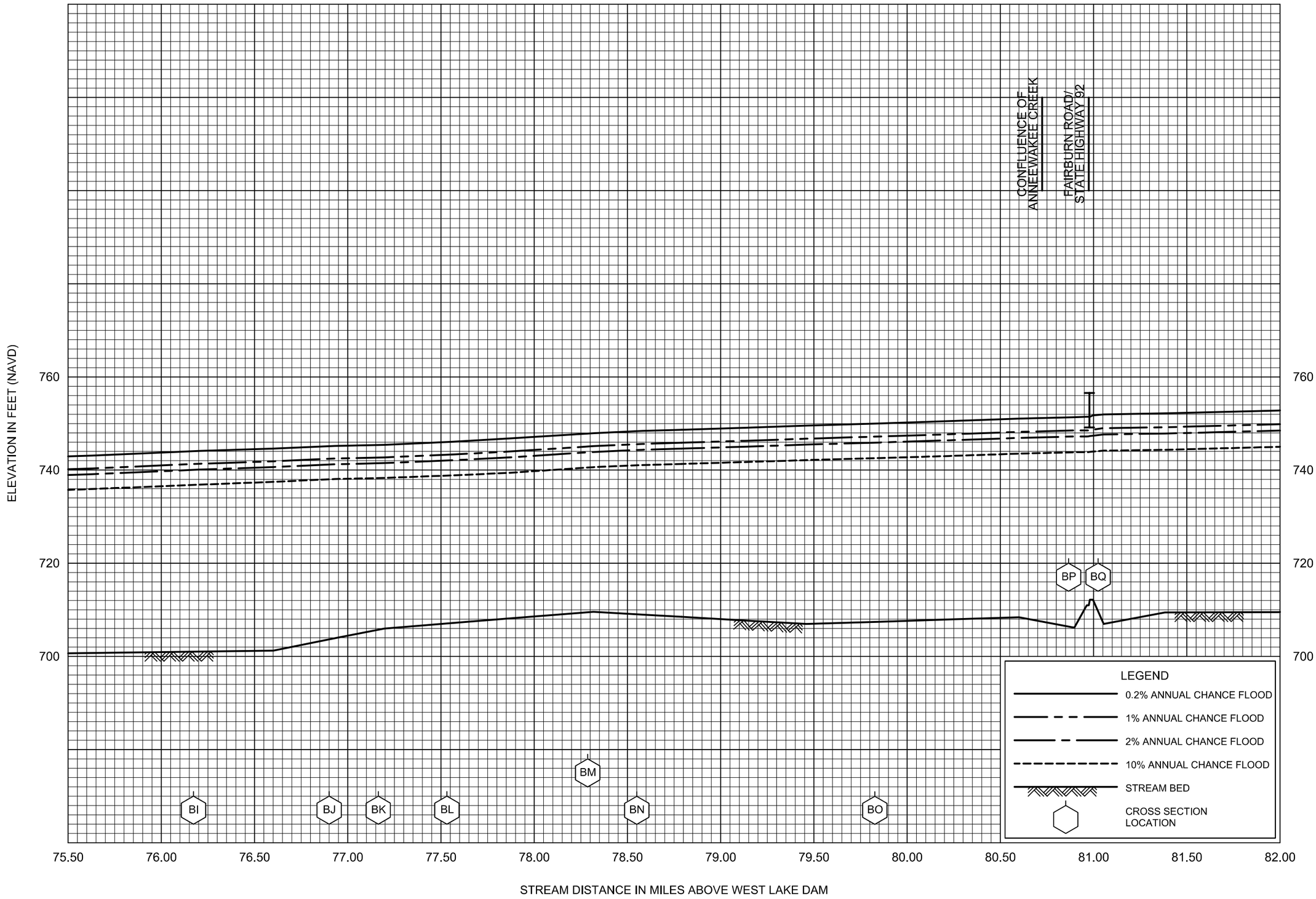
FLOOD PROFILES

CHATTAHOOCHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



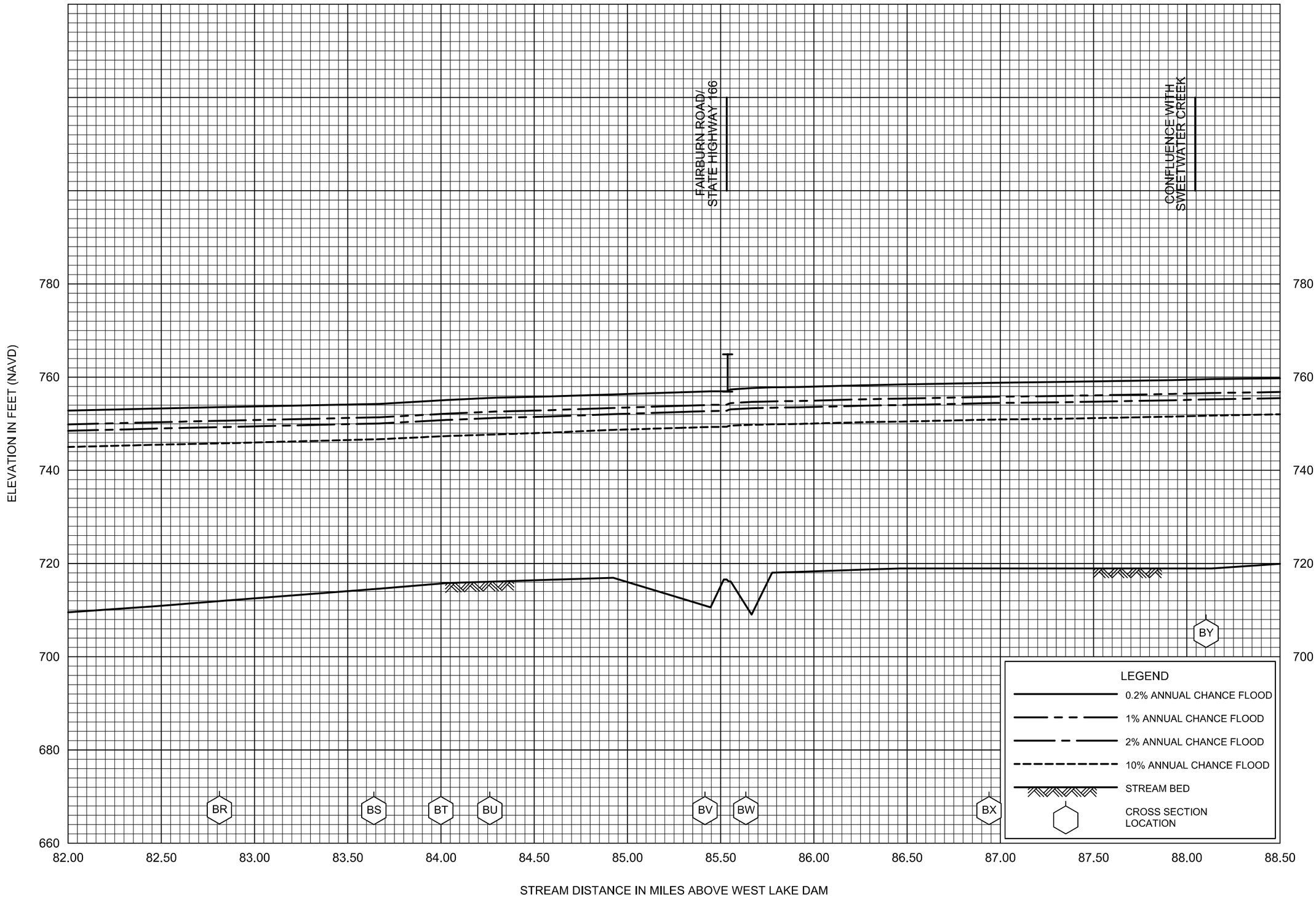
FLOOD PROFILES

CHATTAHOOCHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



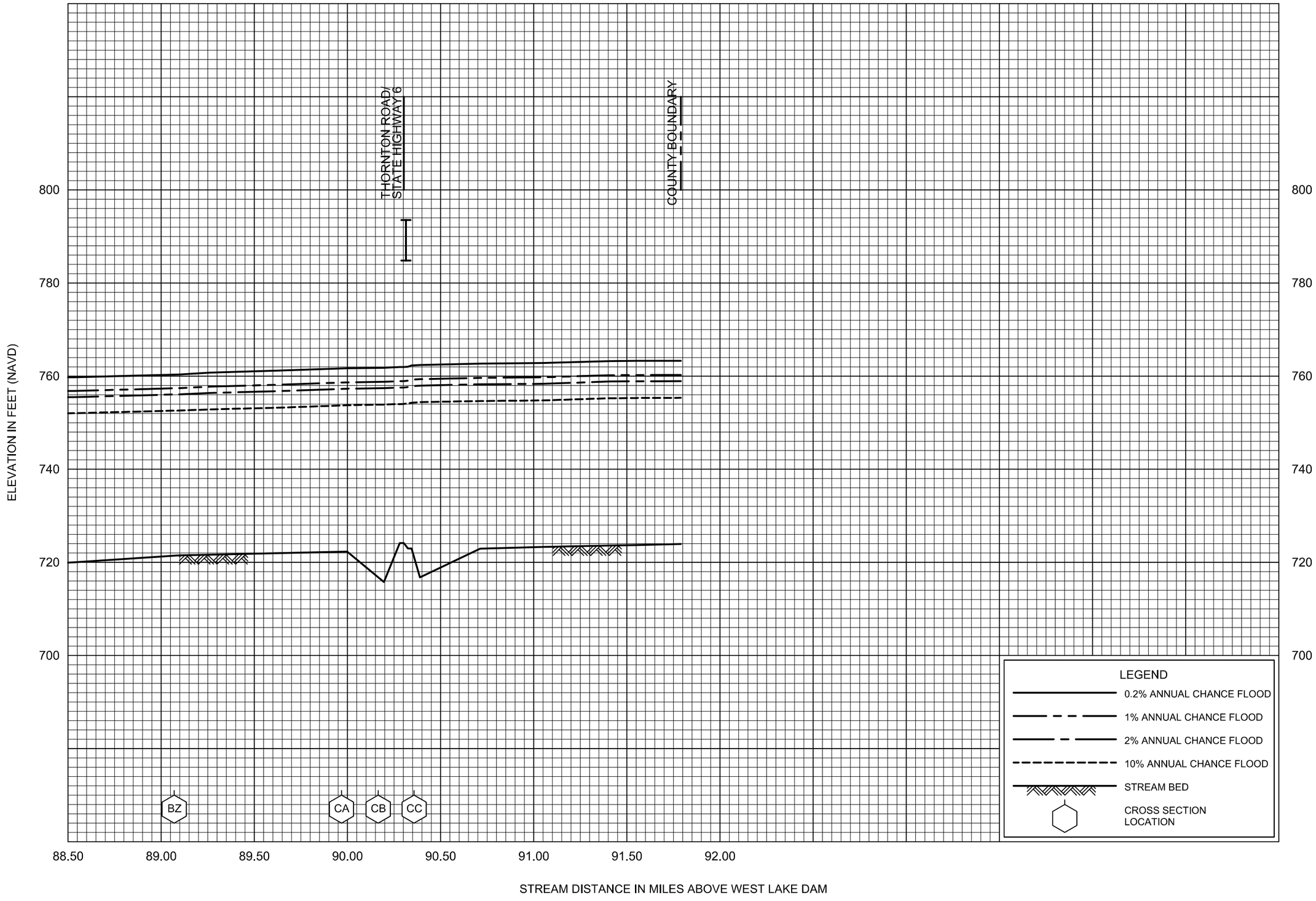
FLOOD PROFILES

CHATTAHOOCHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



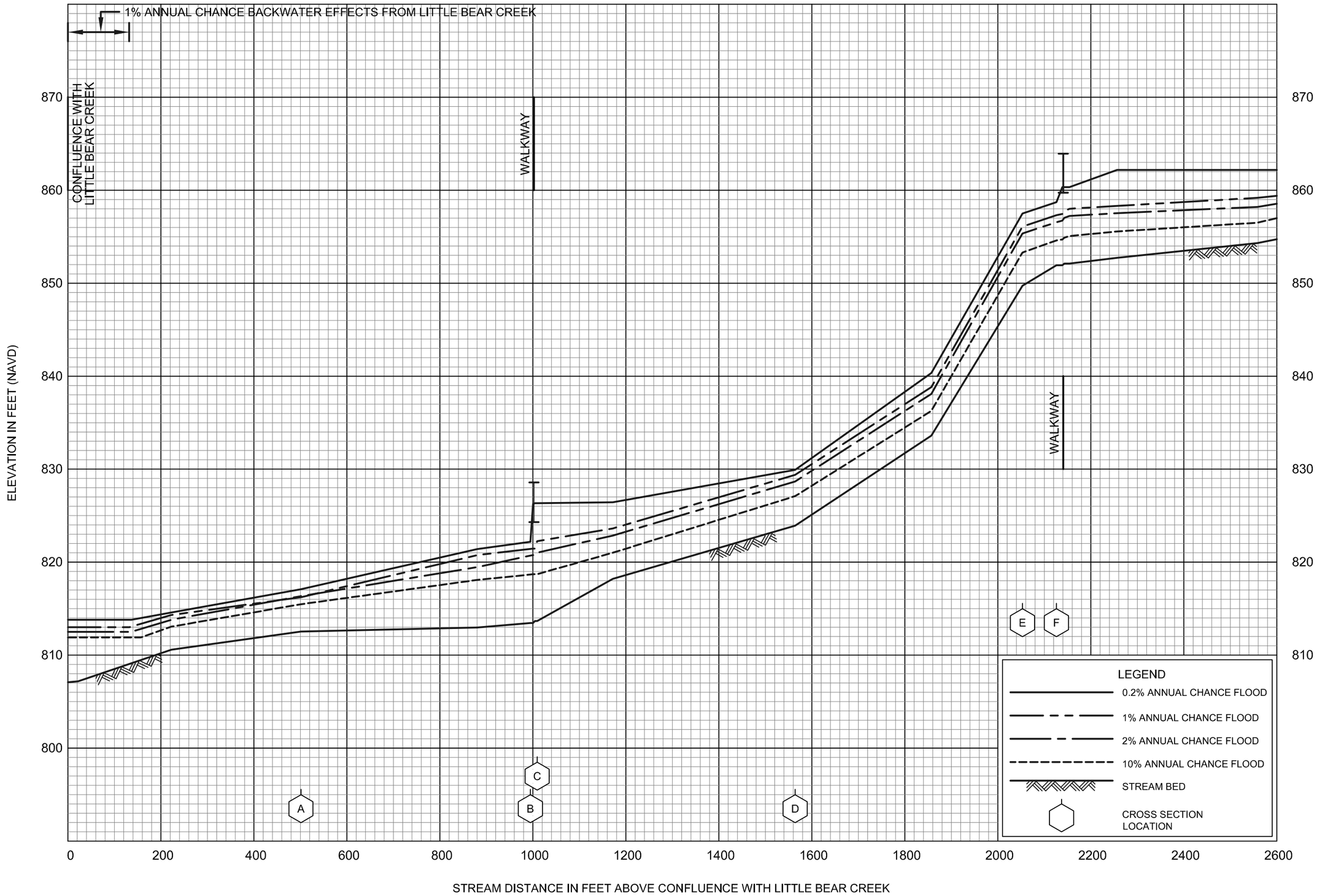
FLOOD PROFILES

CHATTAHOOCHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



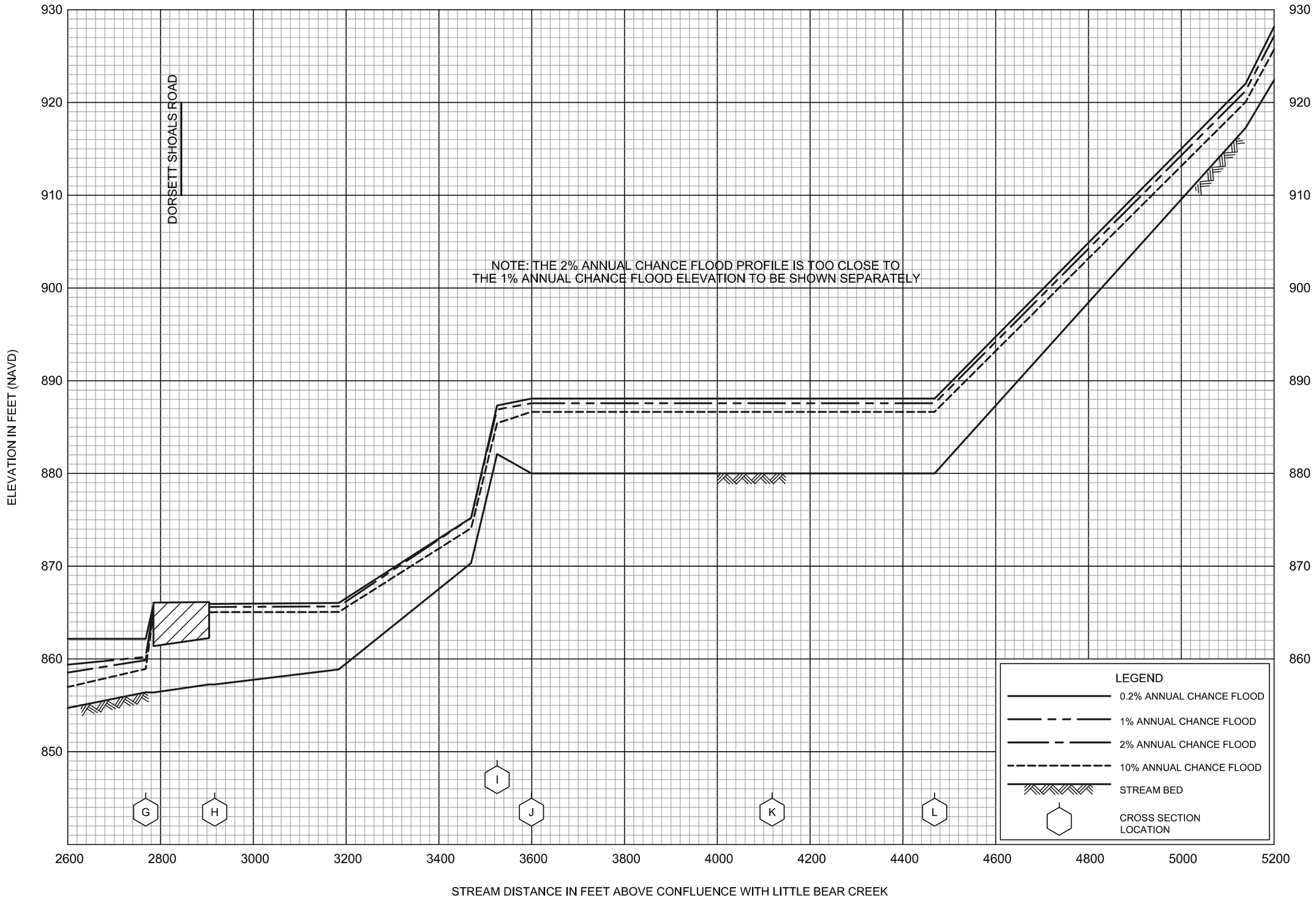
FLOOD PROFILES

COURSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



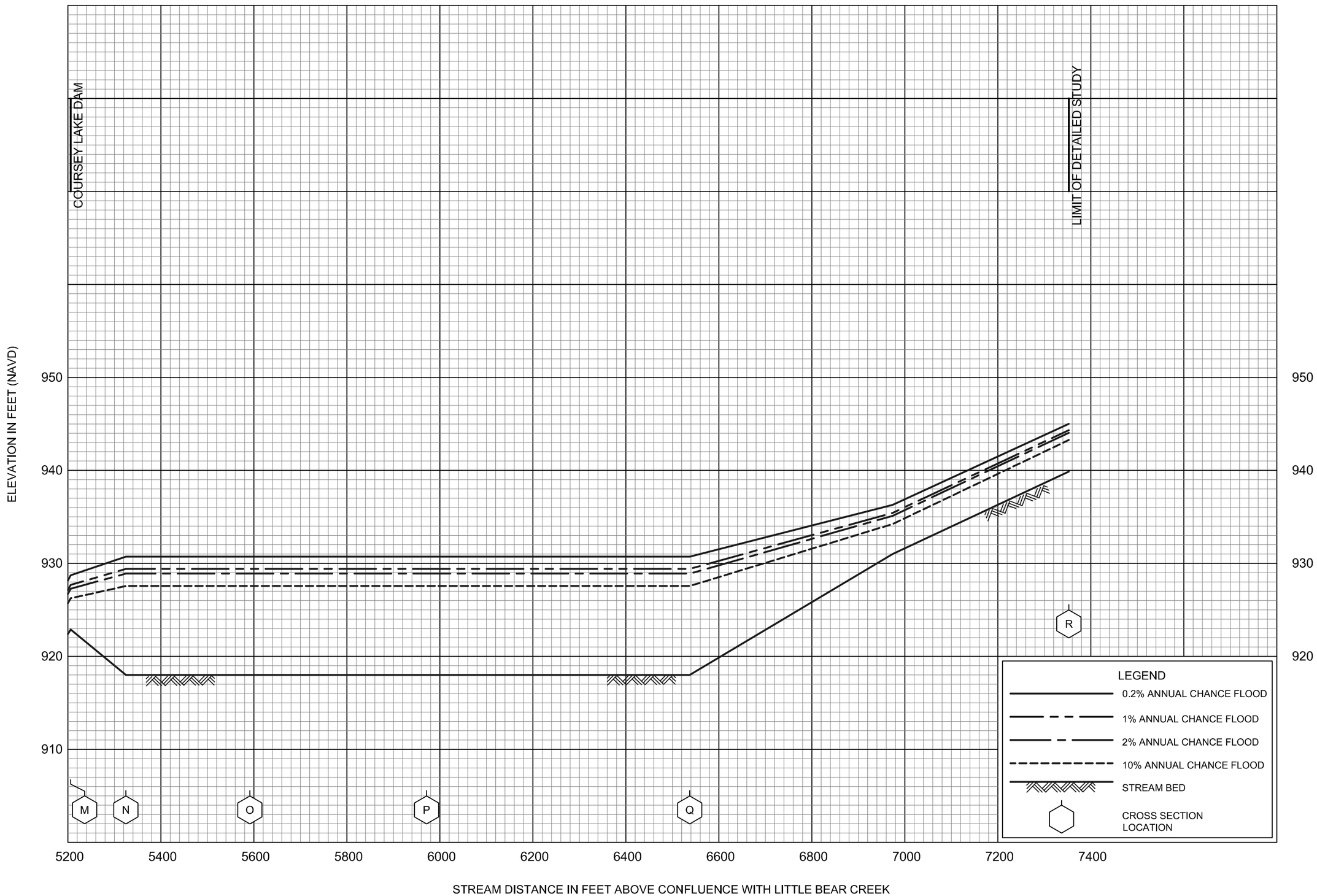
FLOOD PROFILES

COURSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



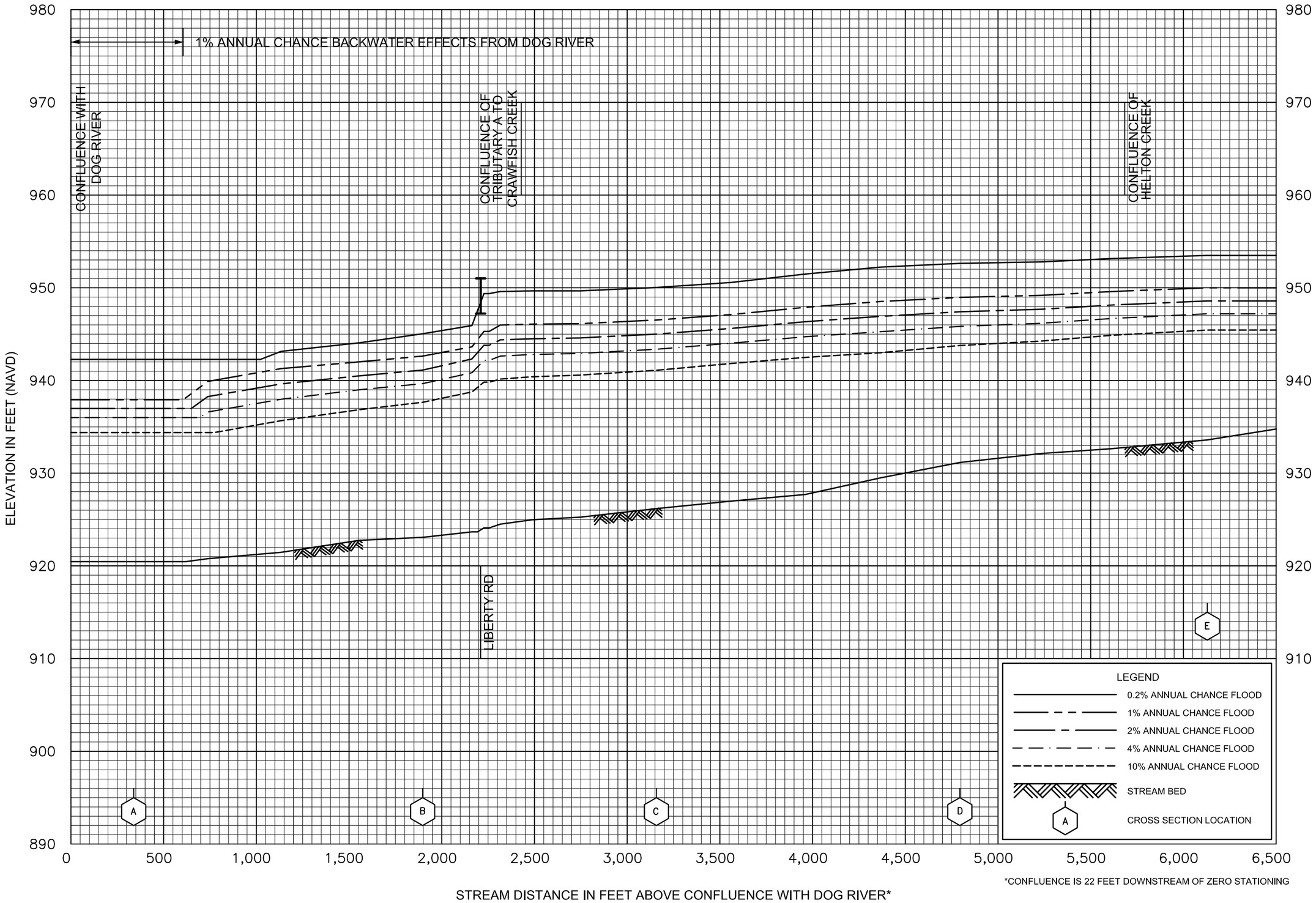
FLOOD PROFILES

COURSEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



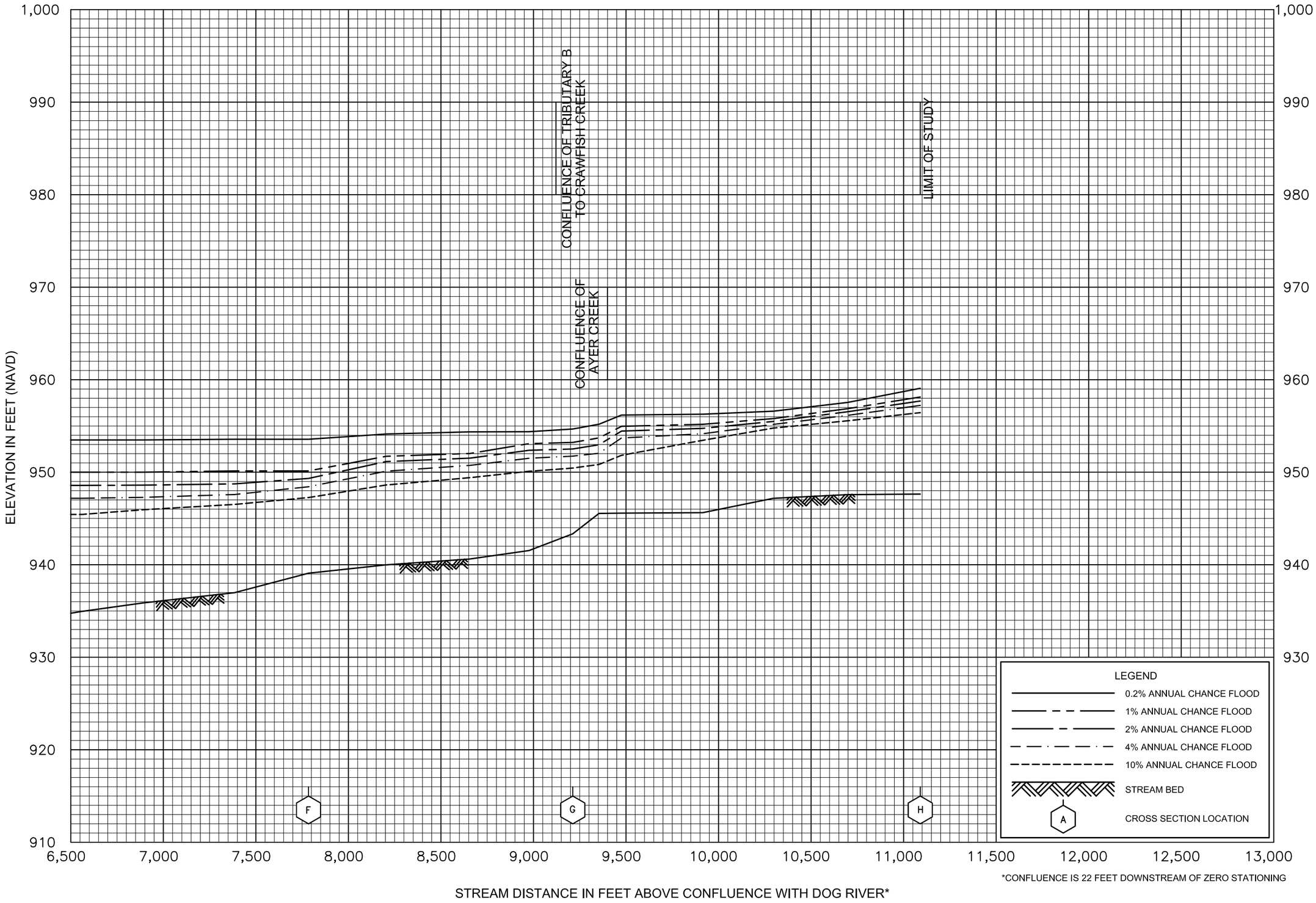
FLOOD PROFILES

CRAWFISH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

124aP



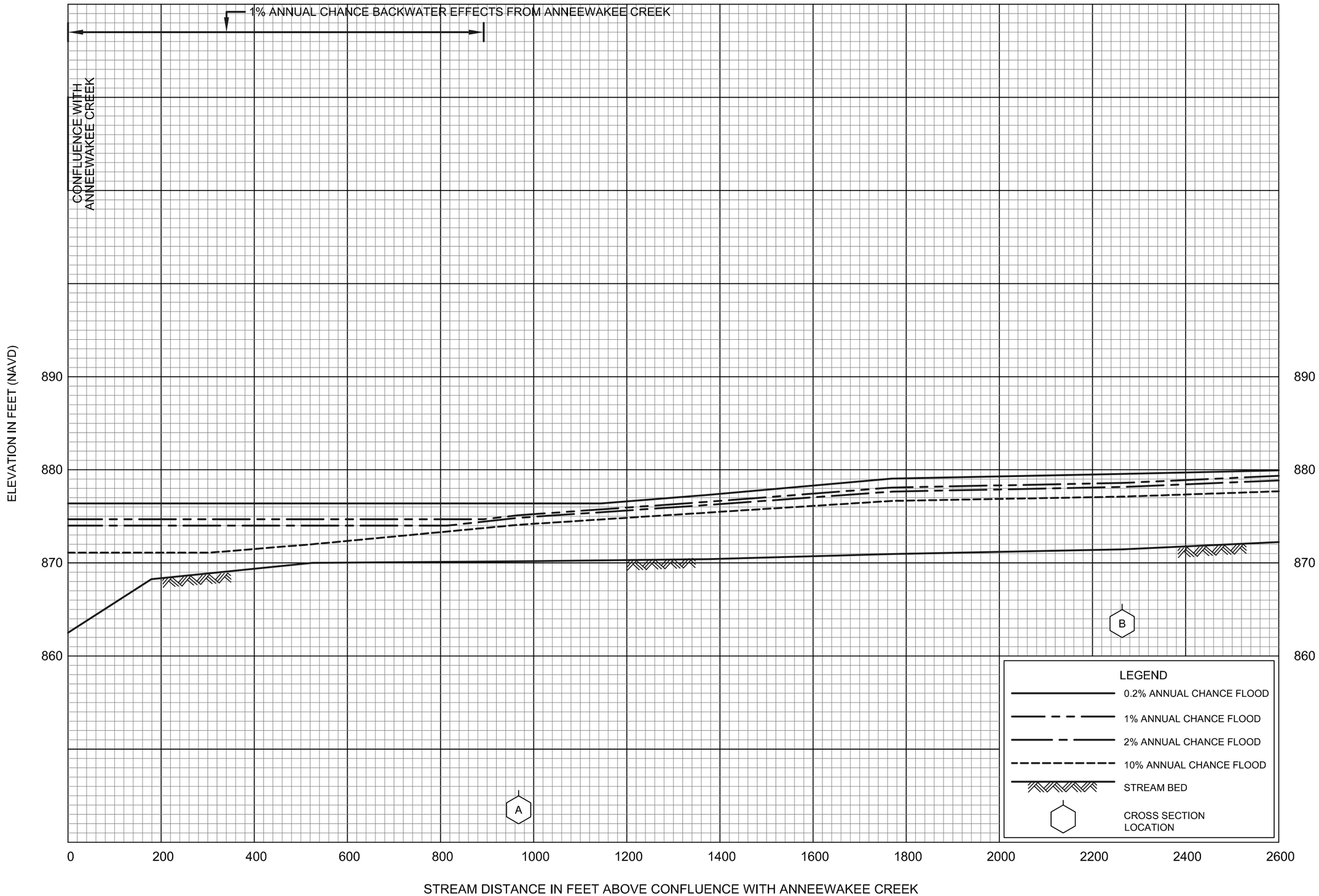
FLOOD PROFILES

CRAWFISH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

124bP



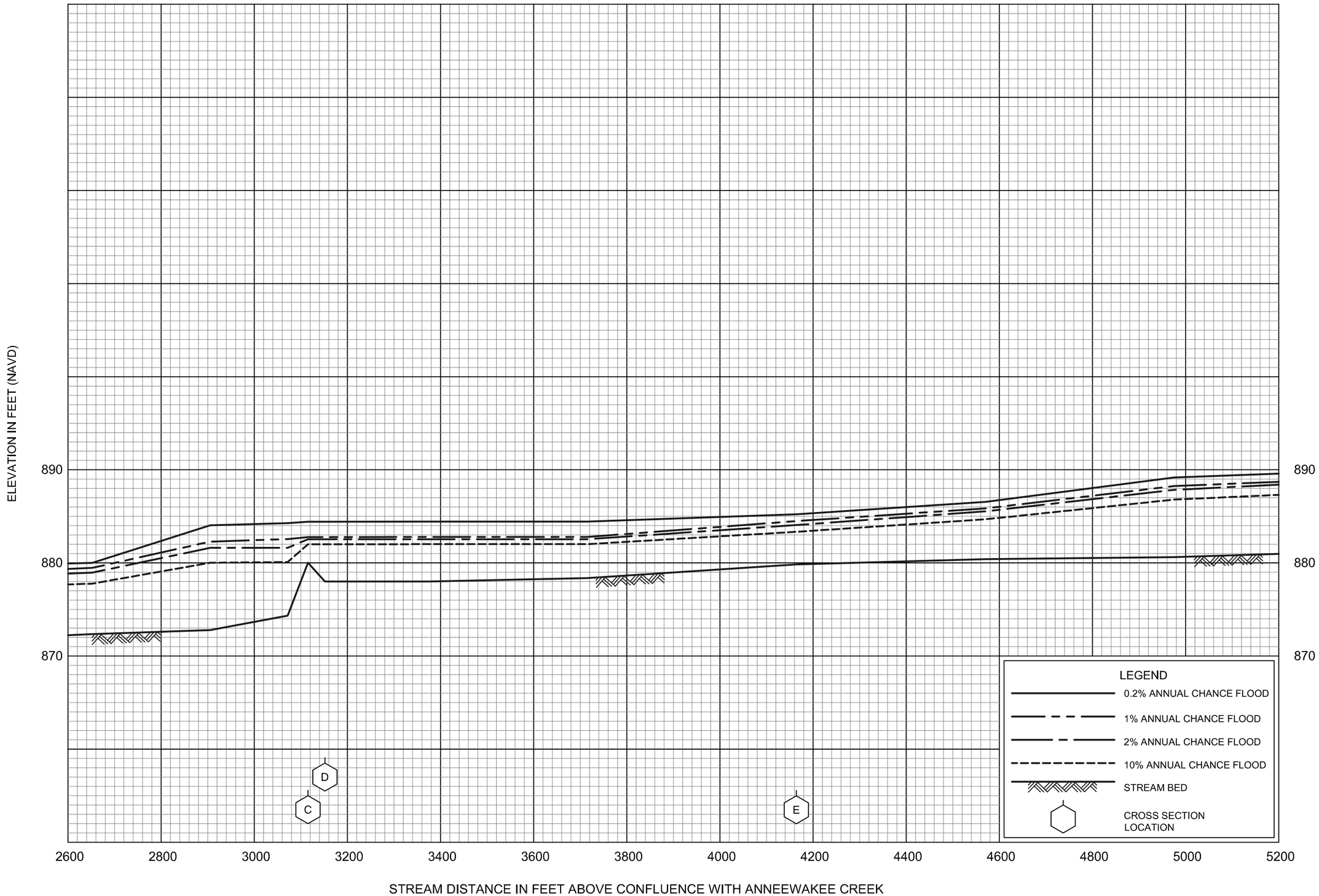
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



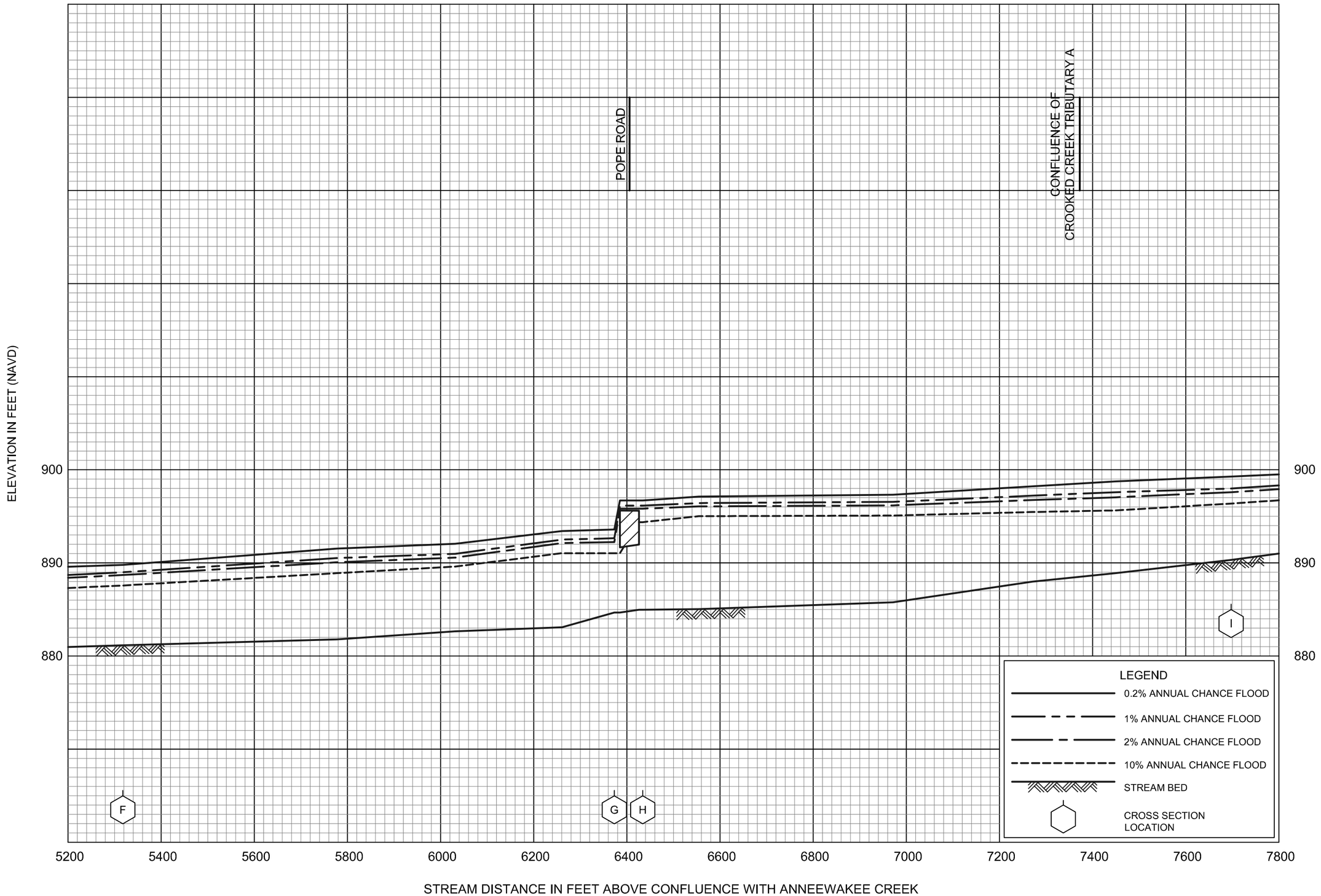
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



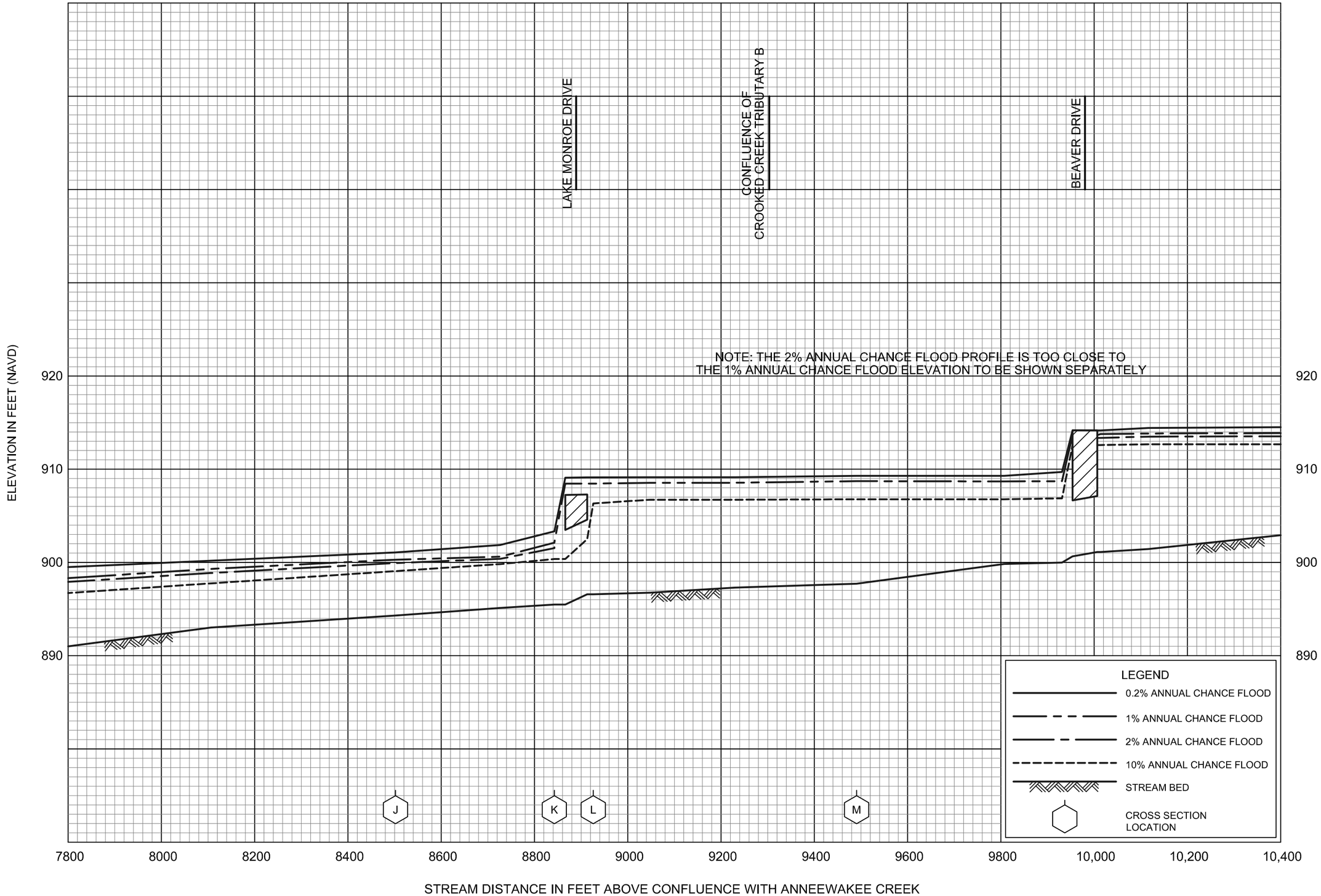
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



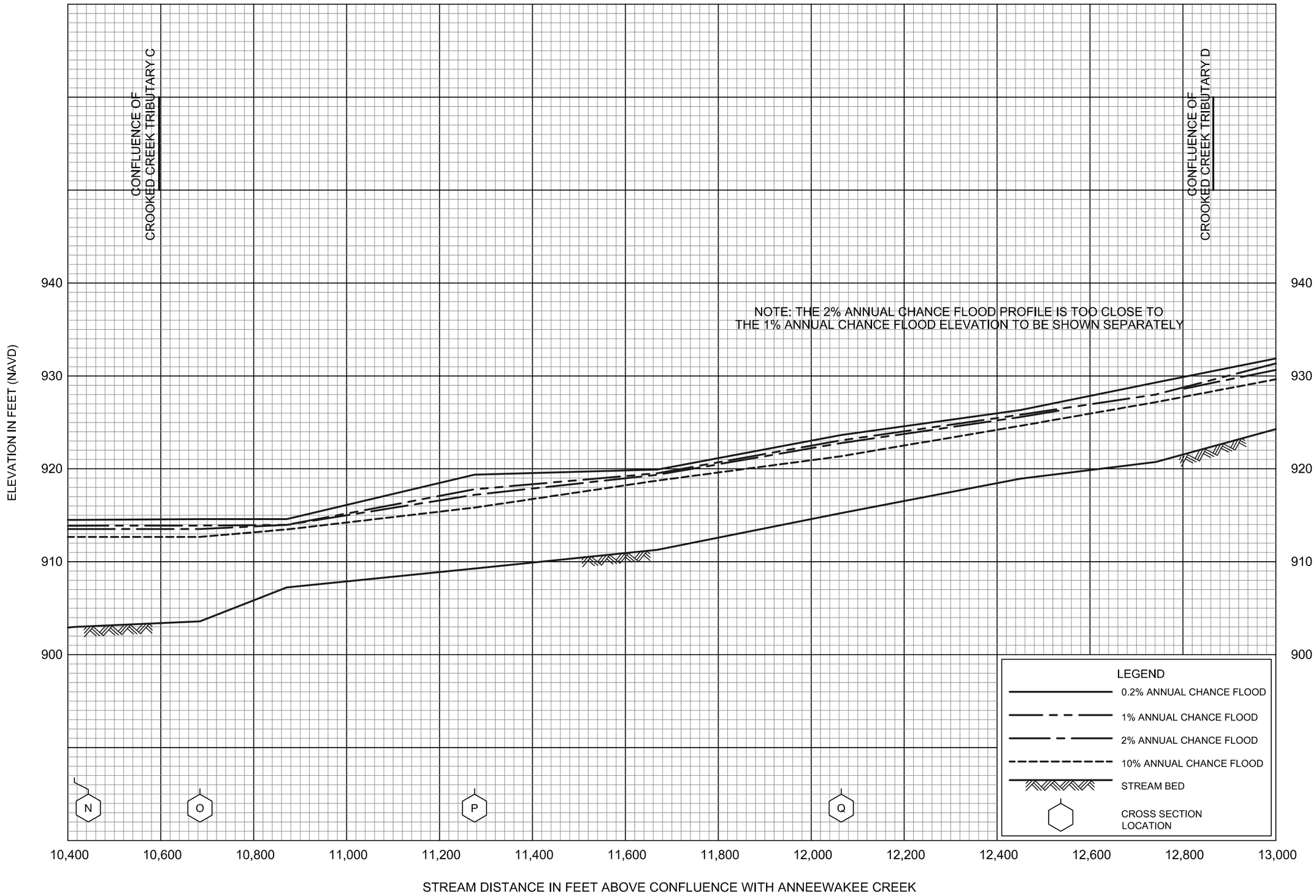
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



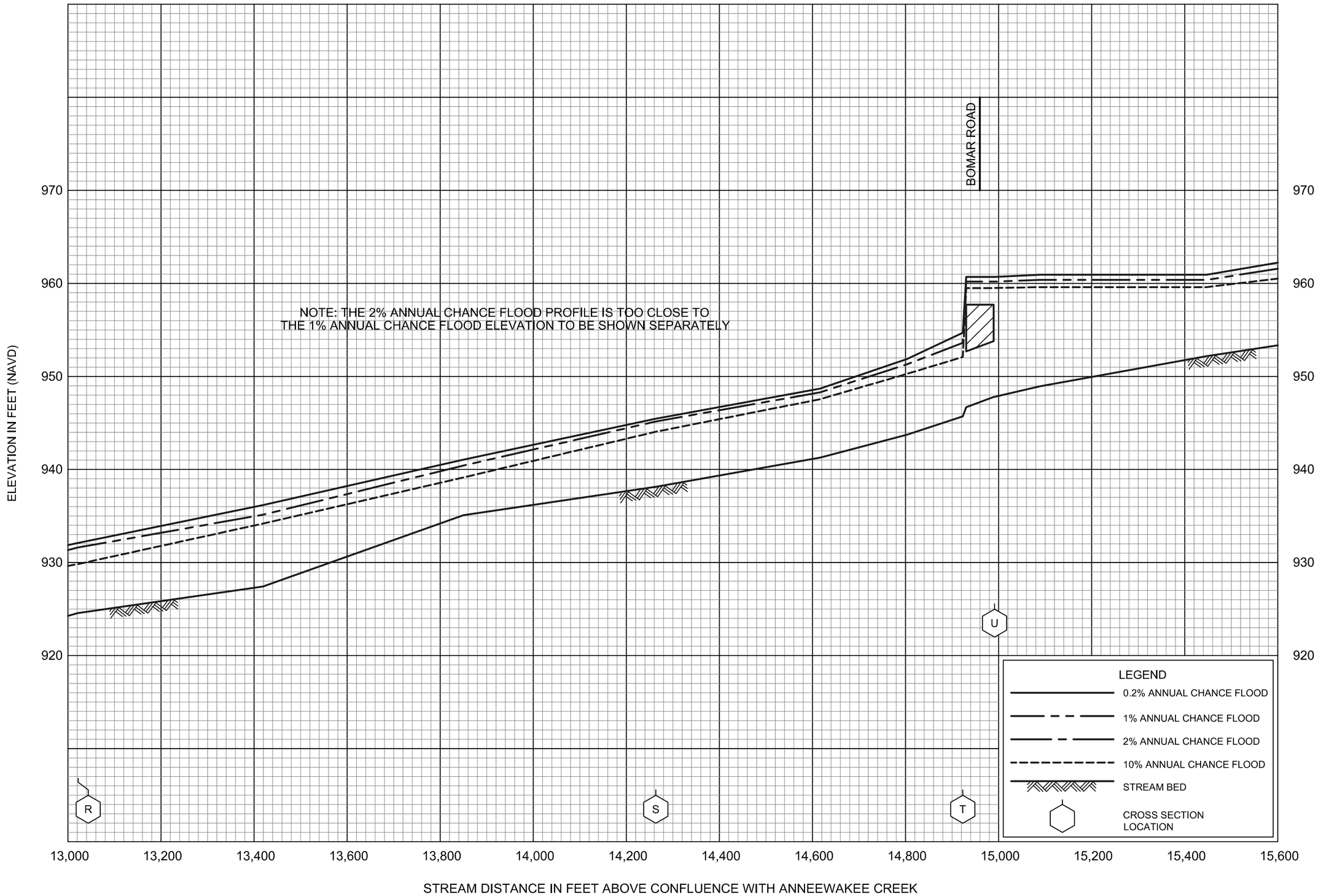
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



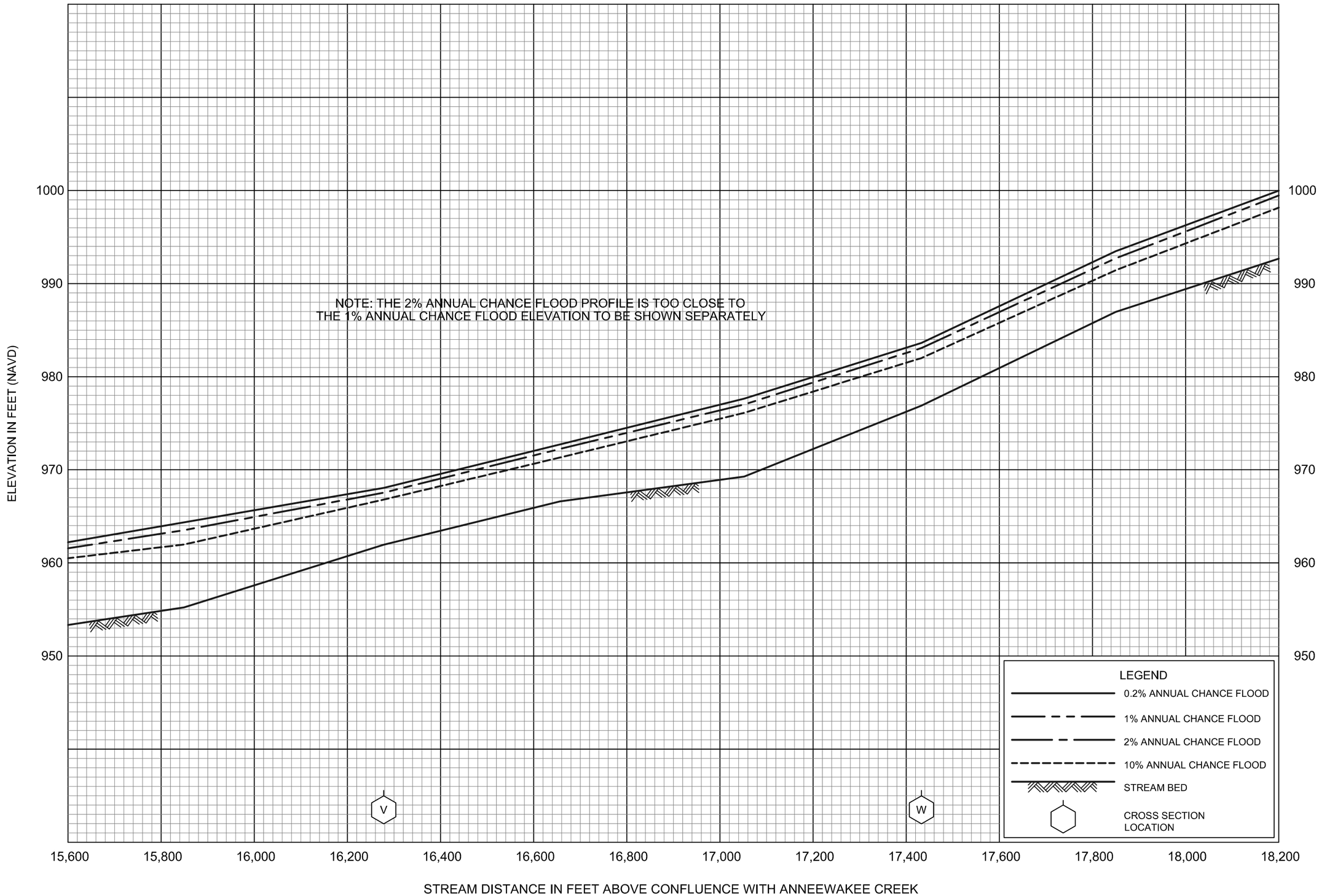
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



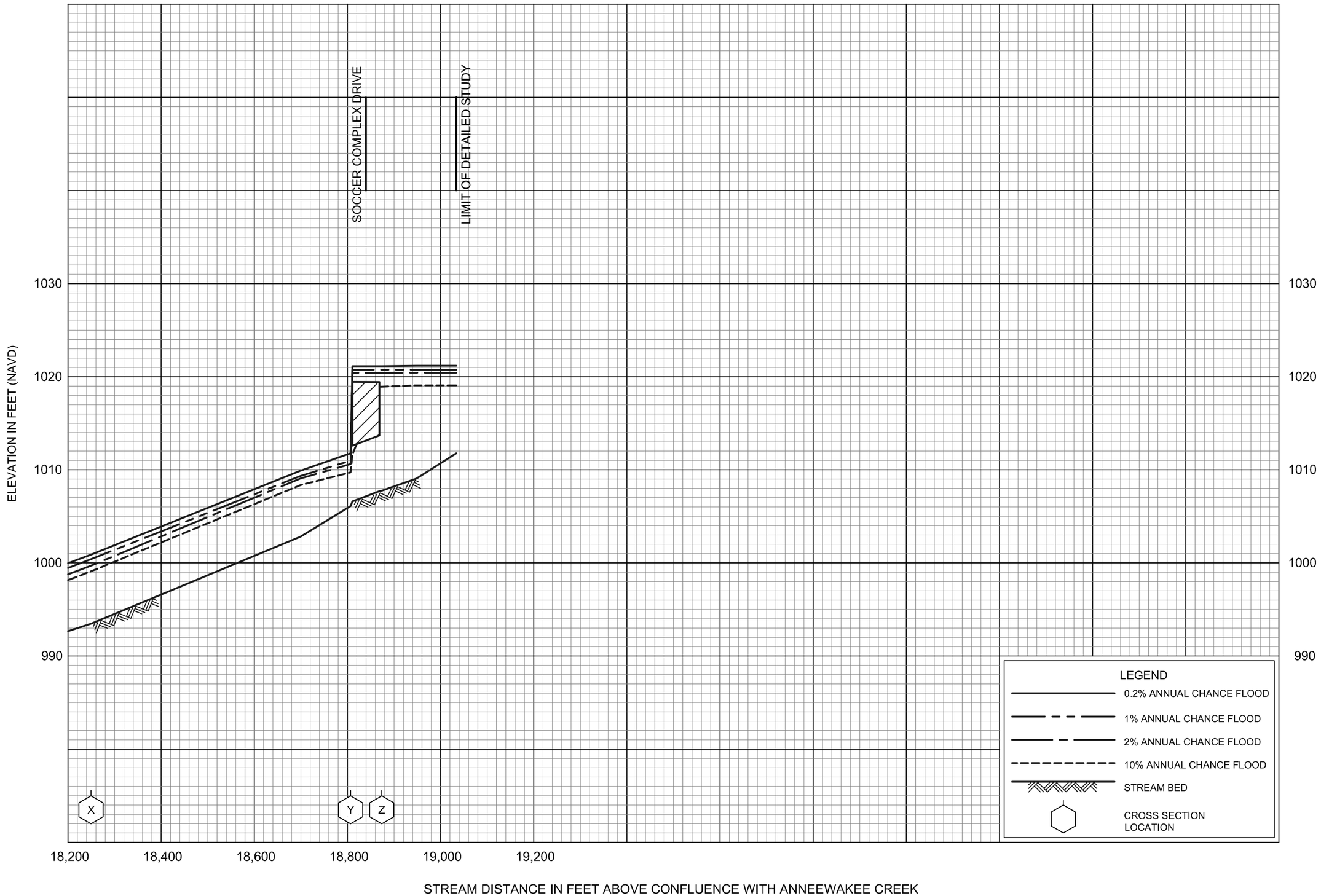
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



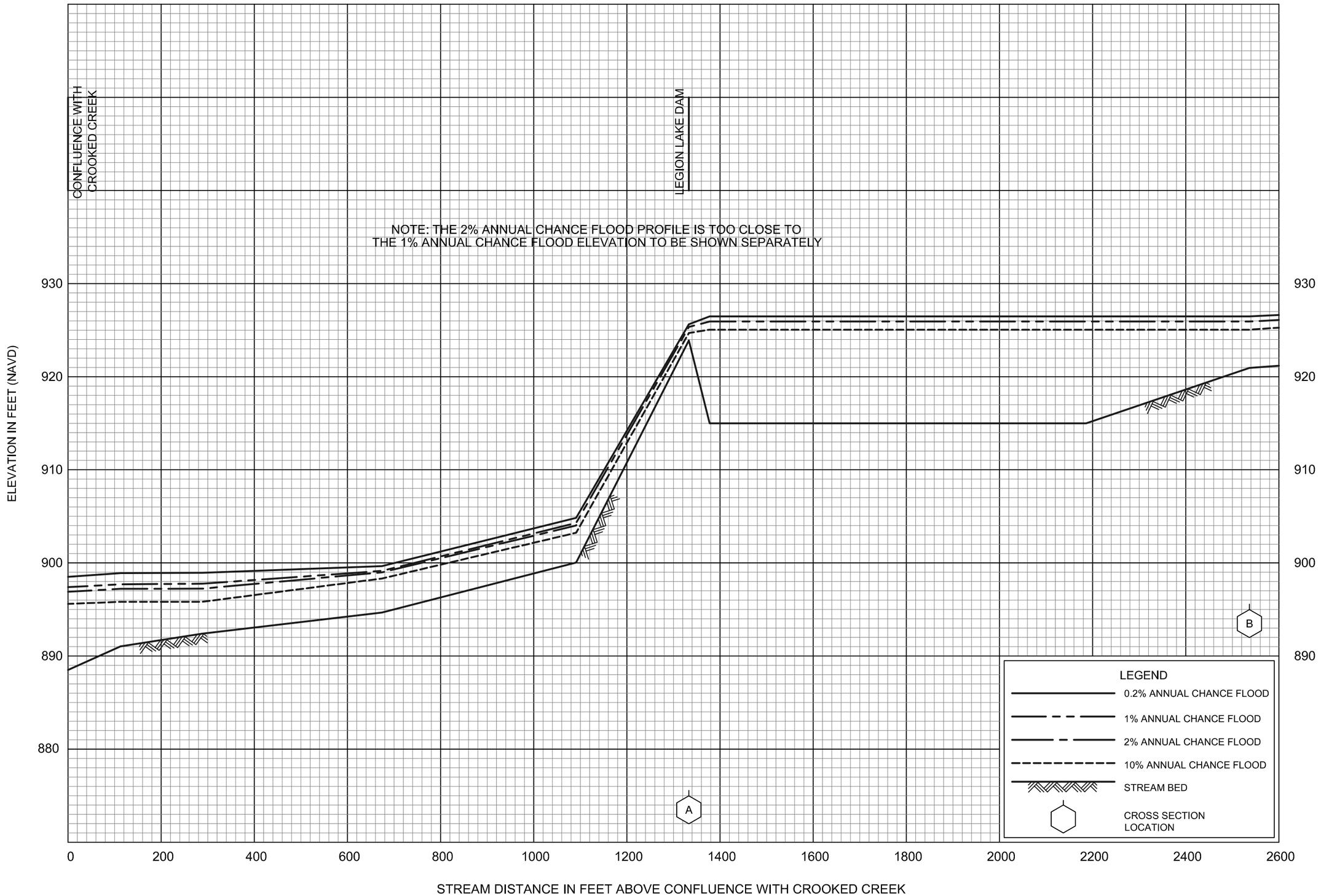
FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



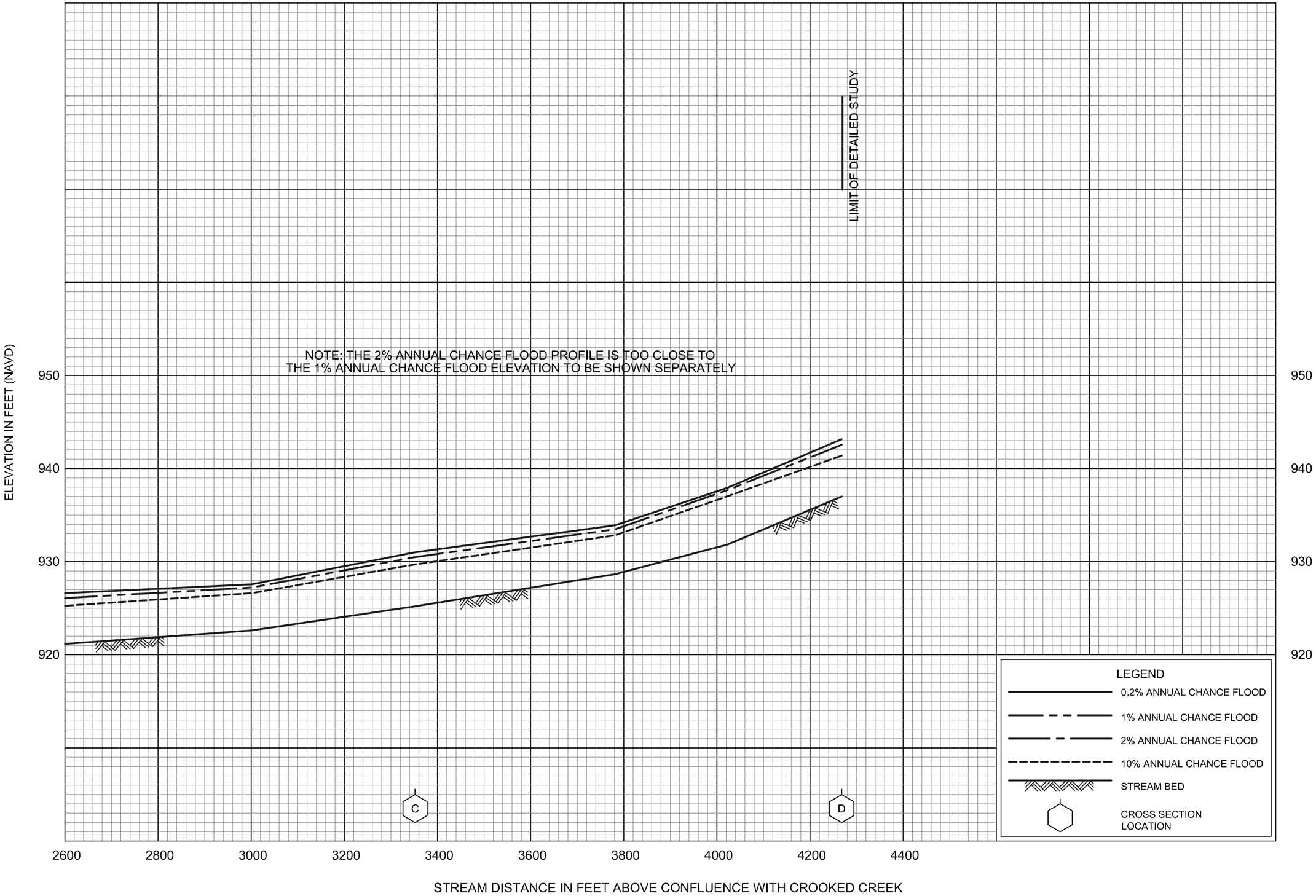
FLOOD PROFILES

CROOKED CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



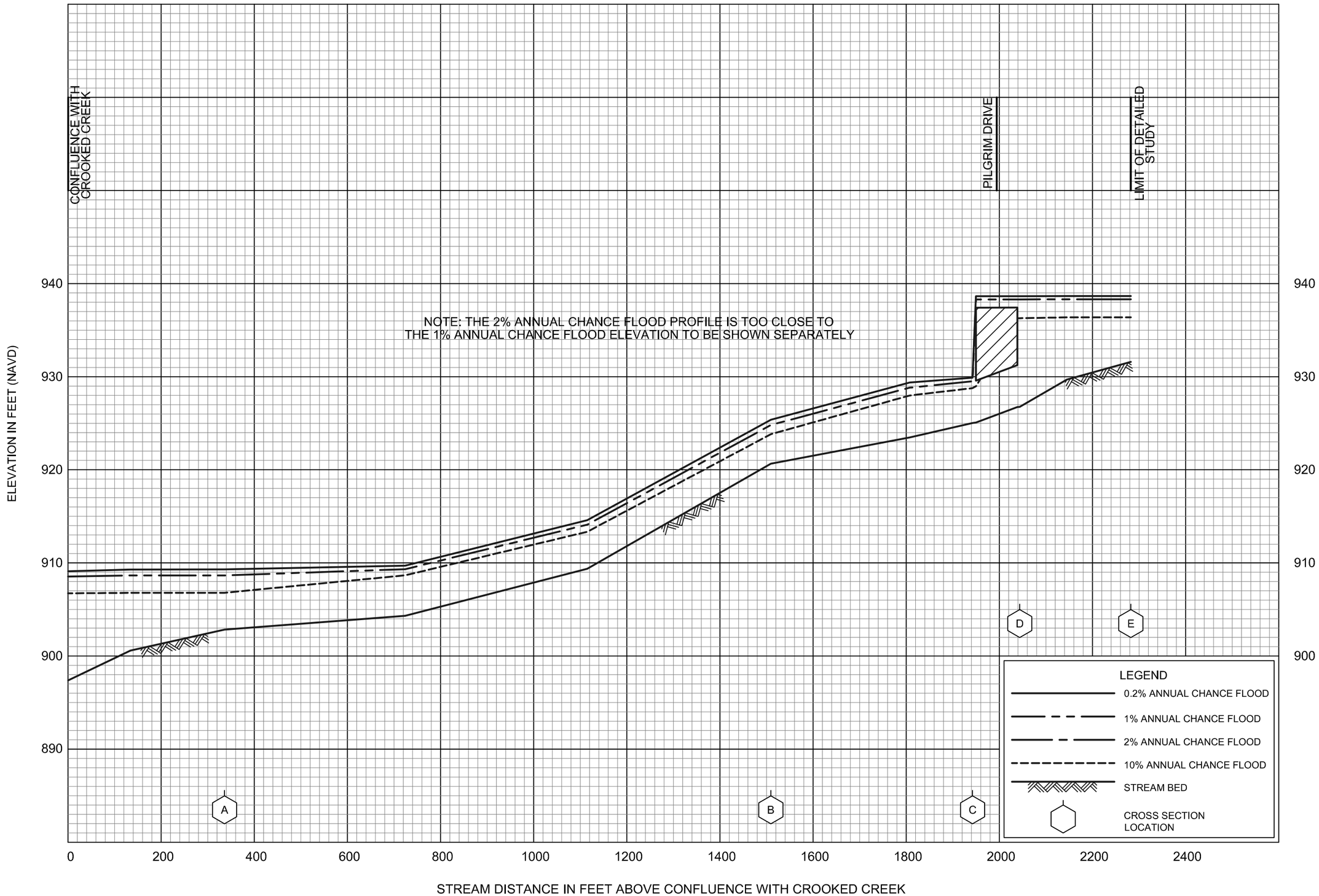
FLOOD PROFILES

CROOKED CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



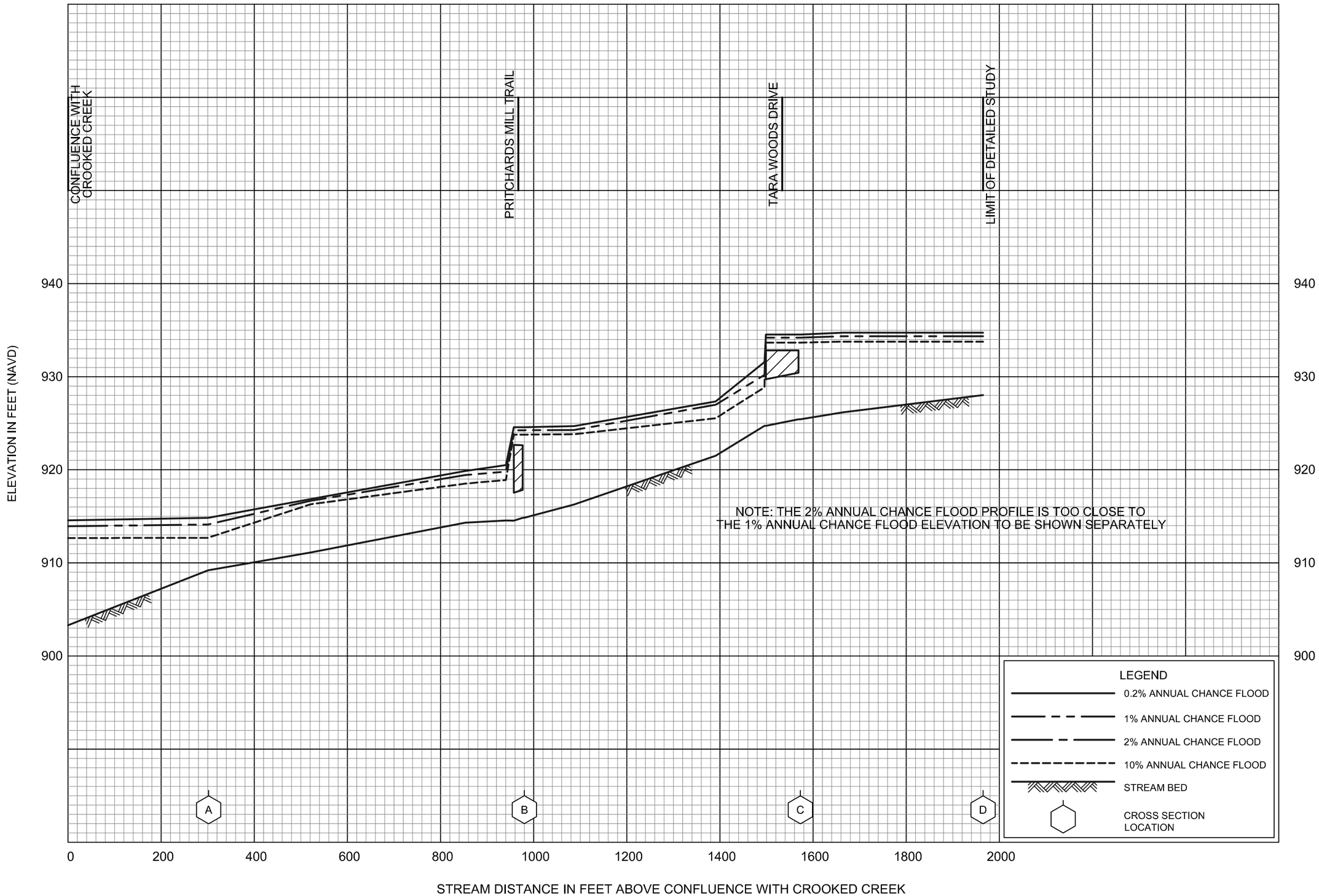
FLOOD PROFILES

CROOKED CREEK TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



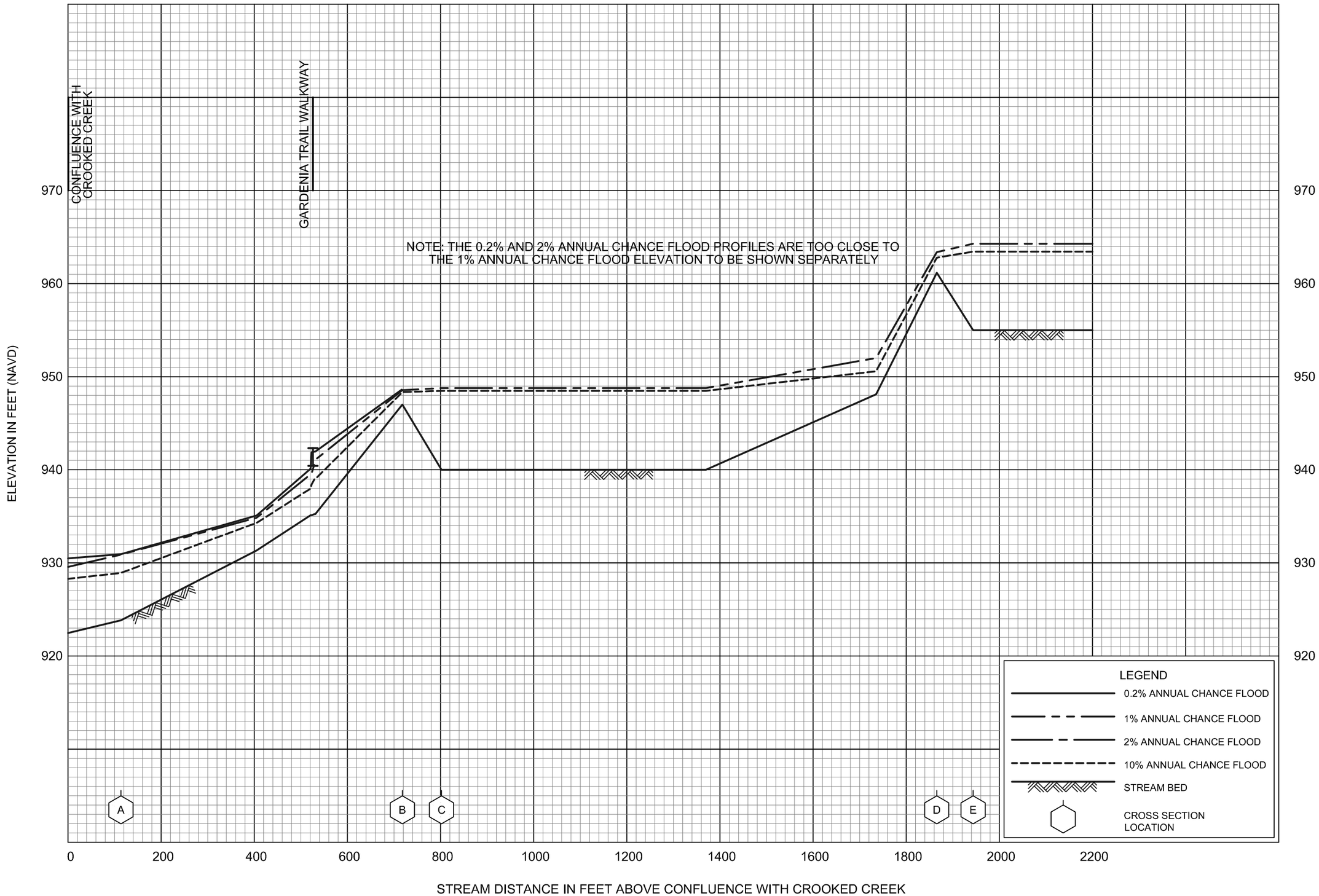
FLOOD PROFILES

CROOKED CREEK TRIBUTARY C

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



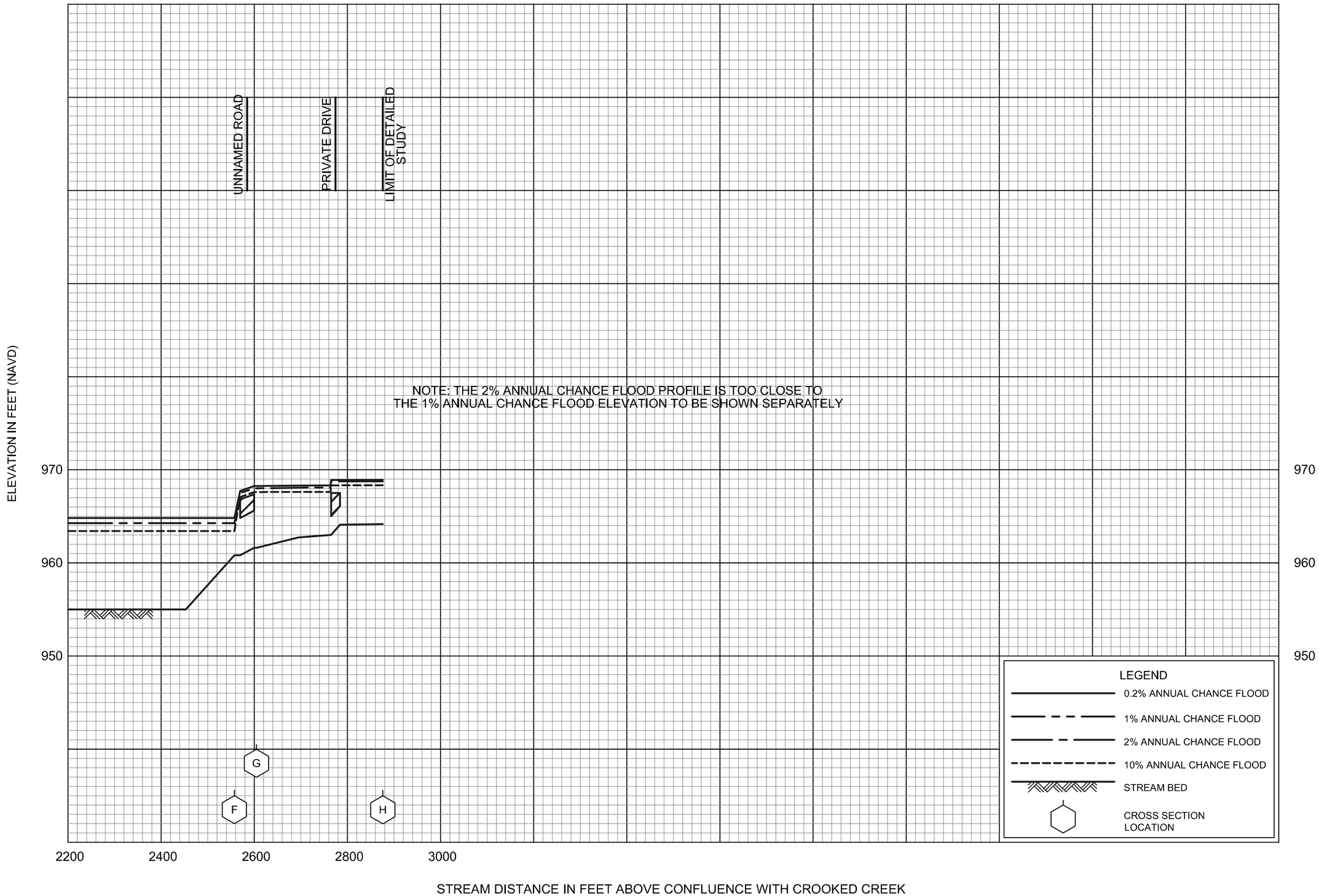
FLOOD PROFILES

CROOKED CREEK TRIBUTARY D

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



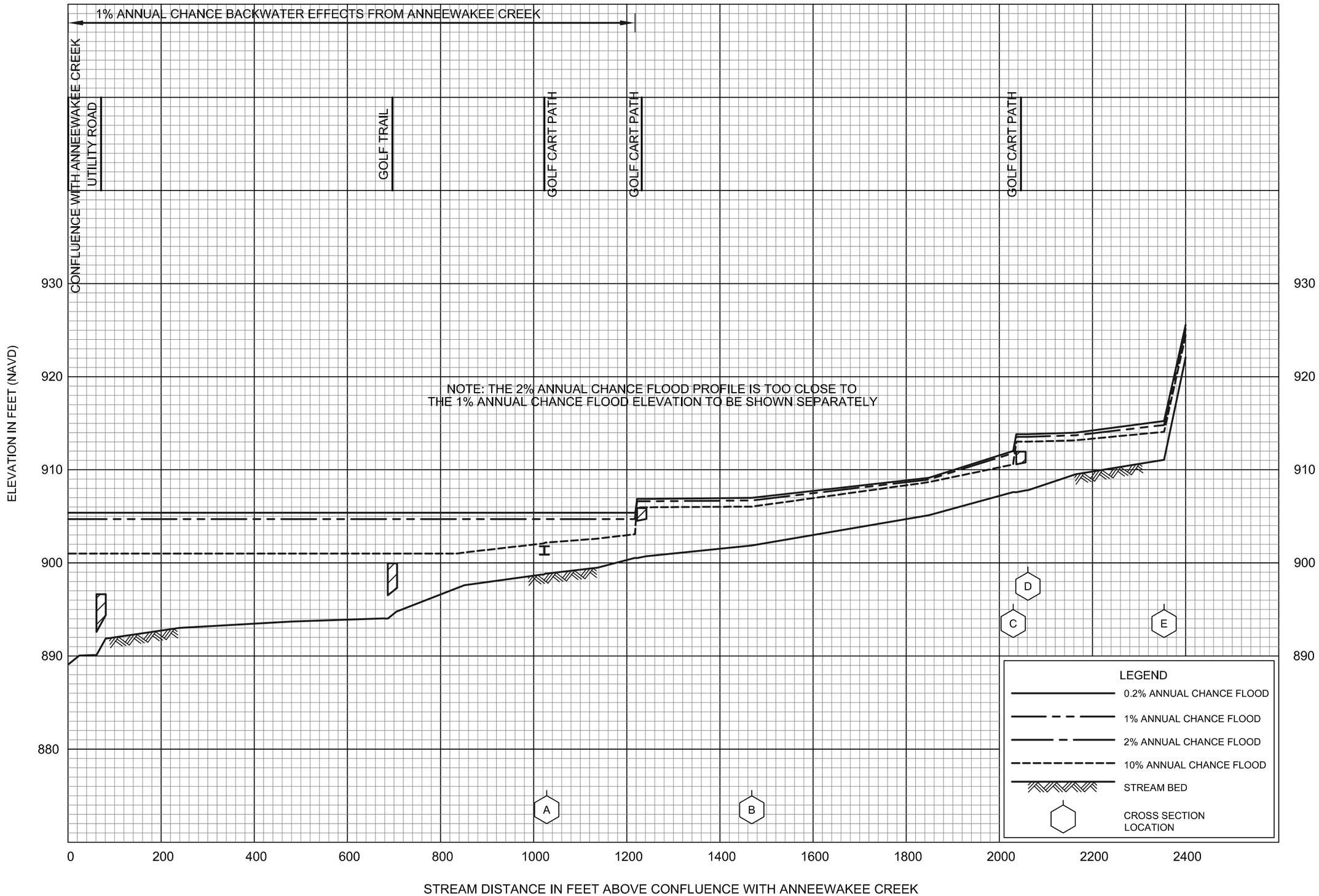
FLOOD PROFILES

CROOKED CREEK TRIBUTARY D

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



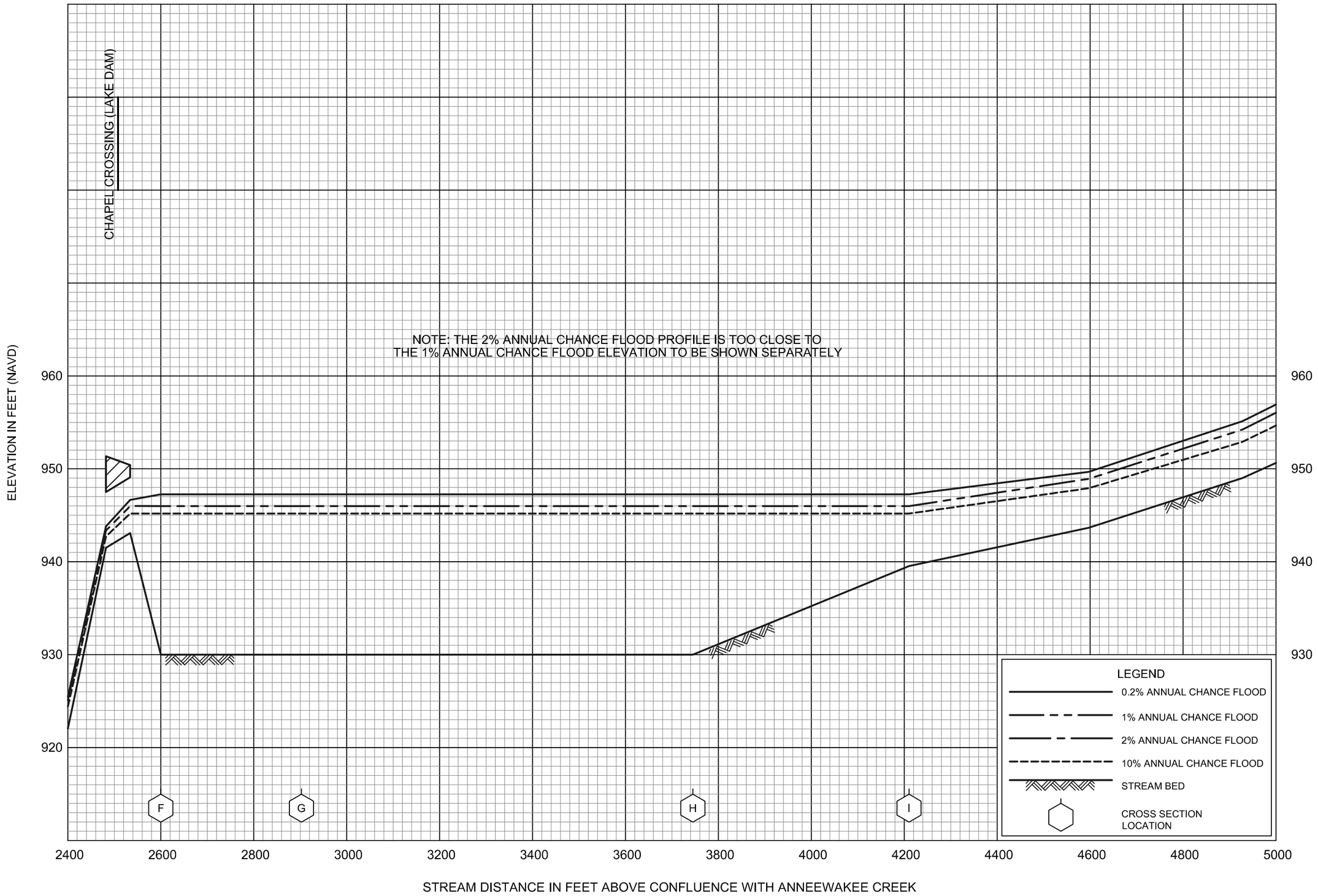
FLOOD PROFILES

CROSSING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



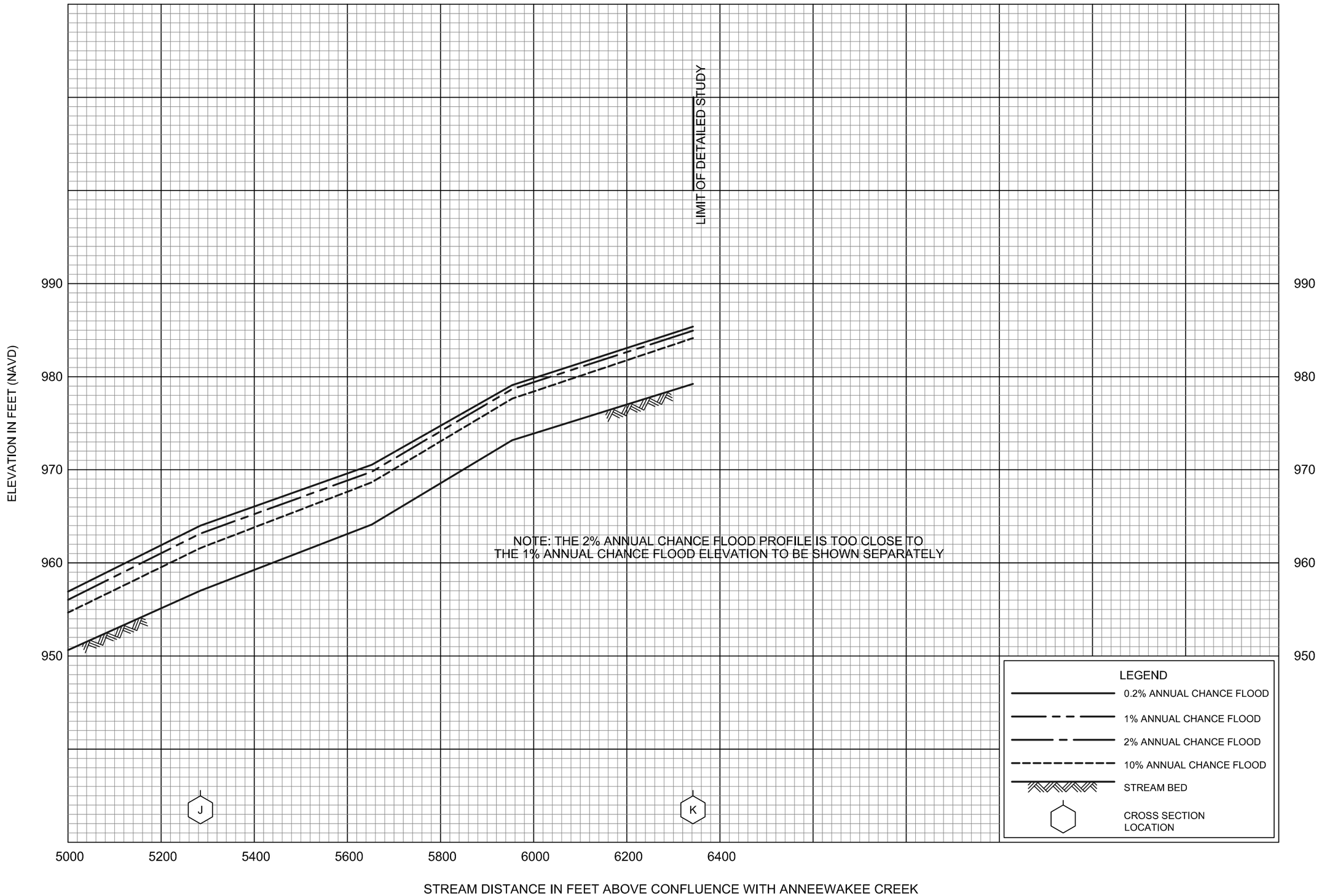
FLOOD PROFILES

CROSSING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



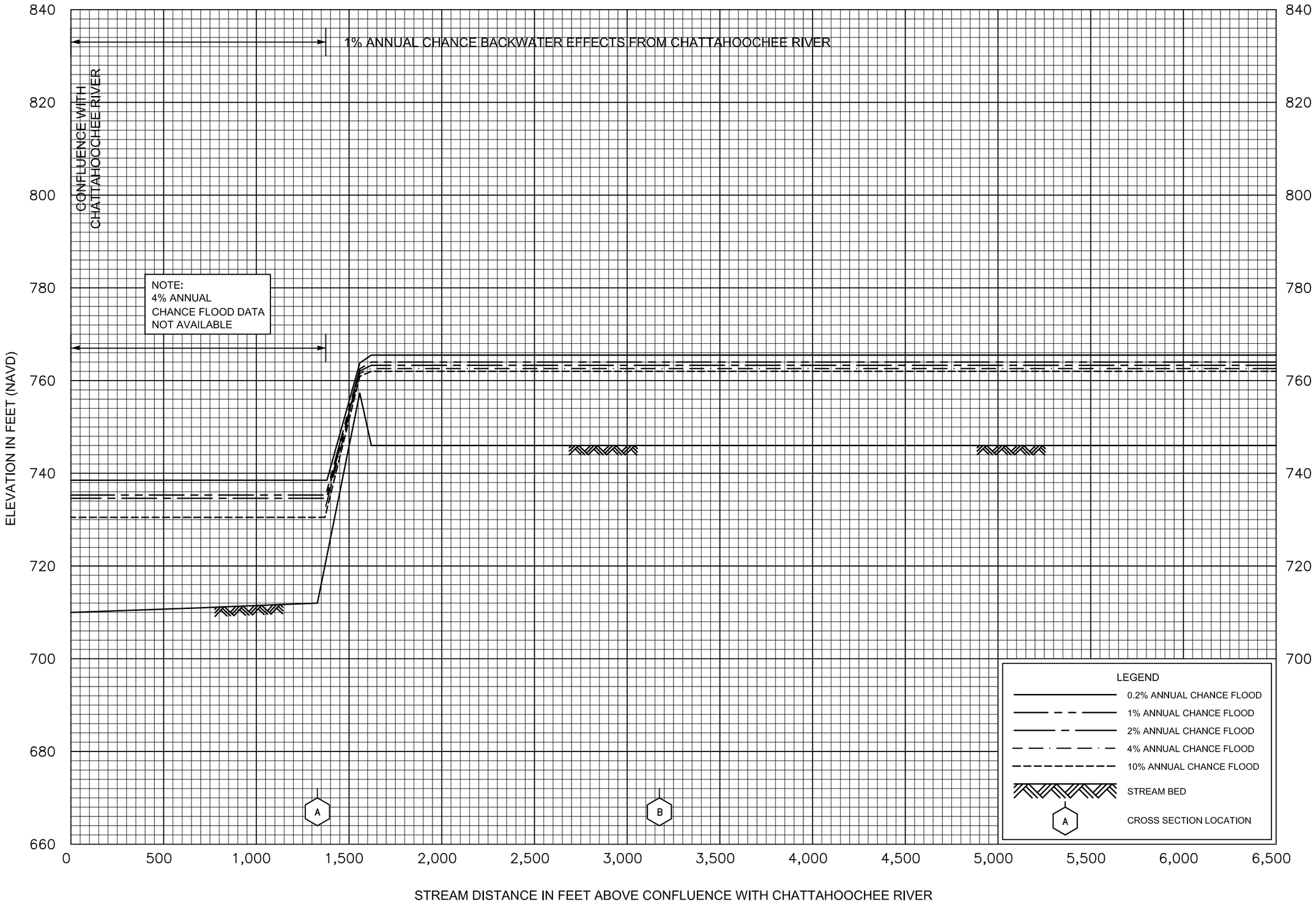
FLOOD PROFILES

CROSSING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

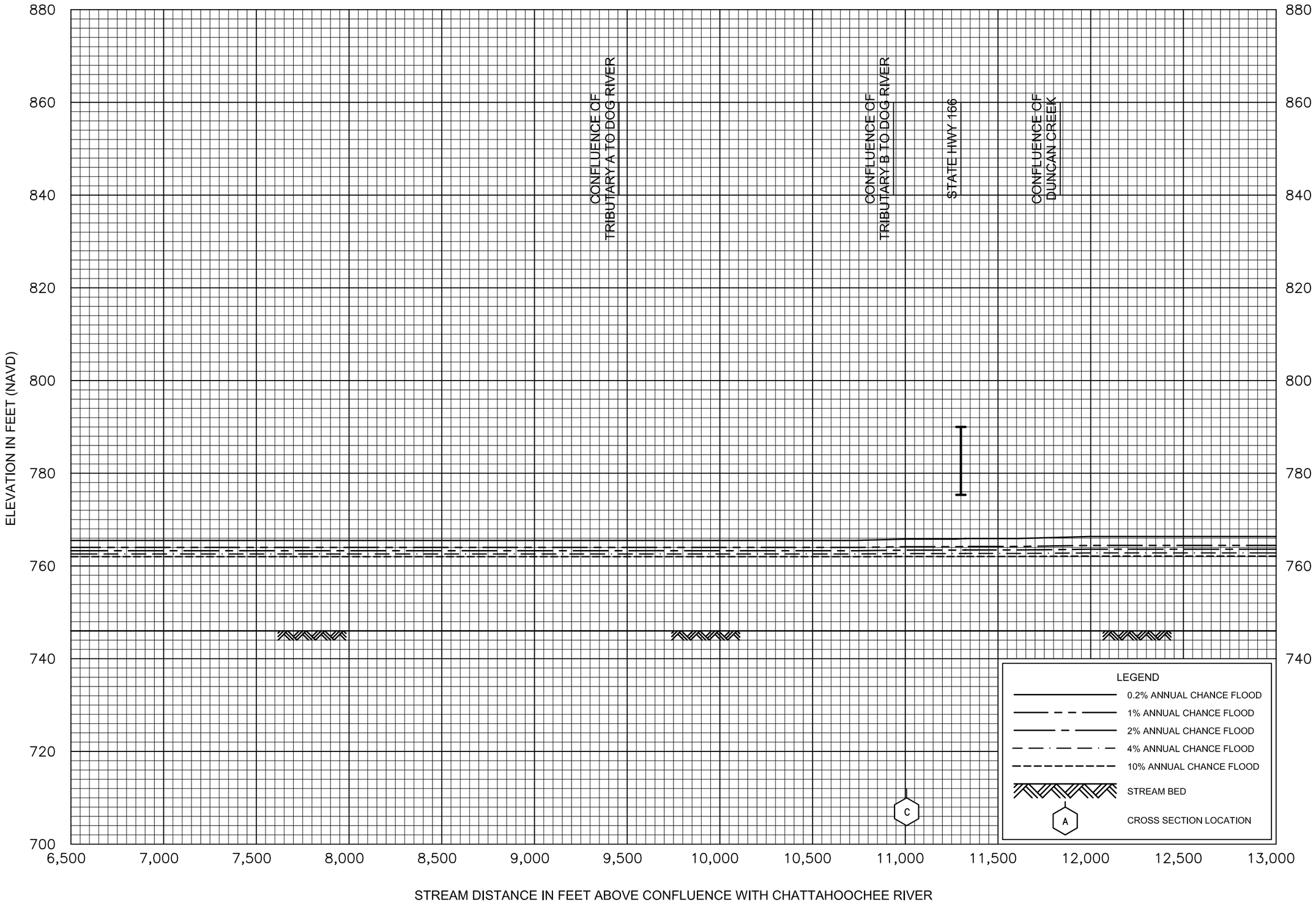


FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

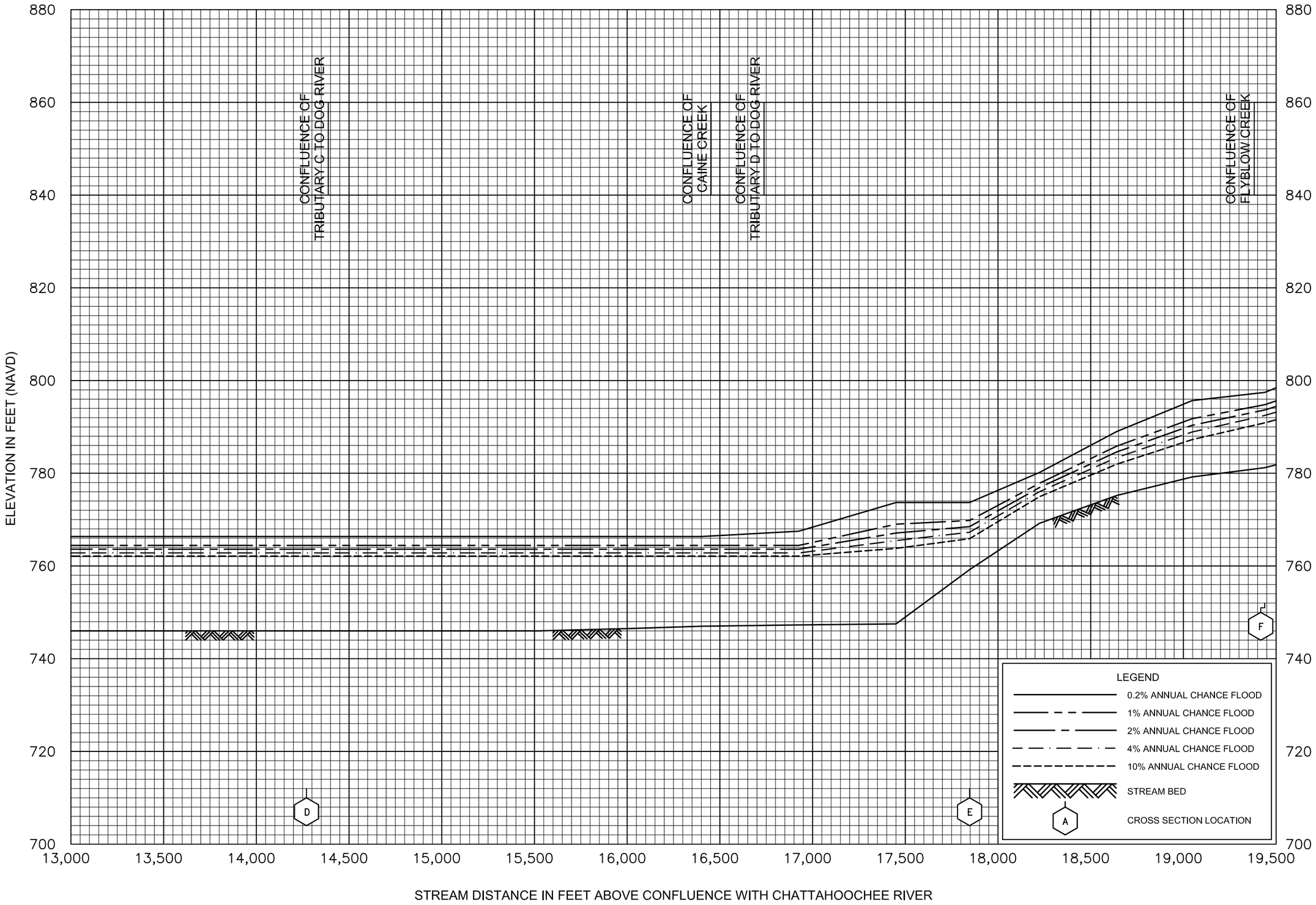


FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



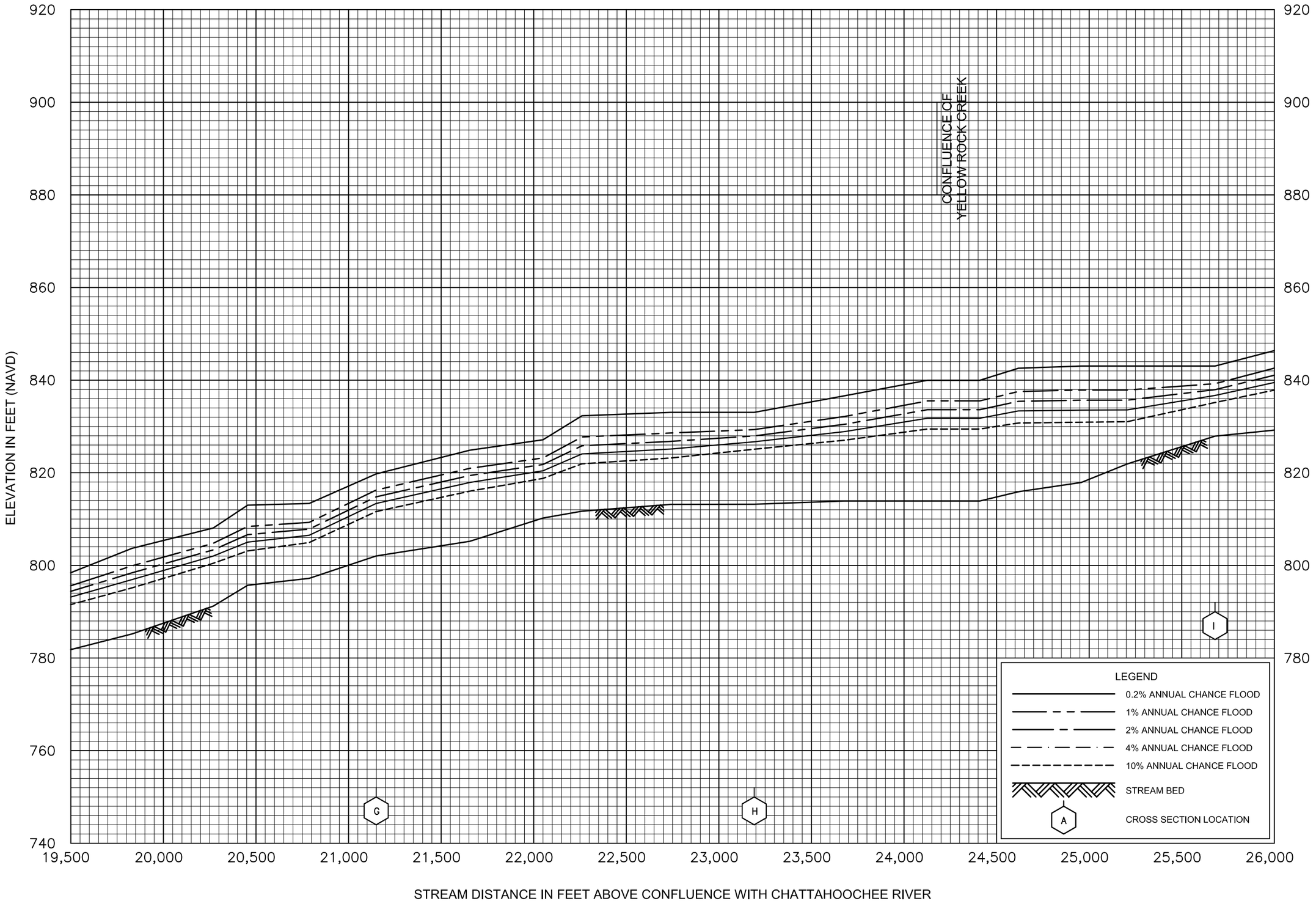
FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

142bP



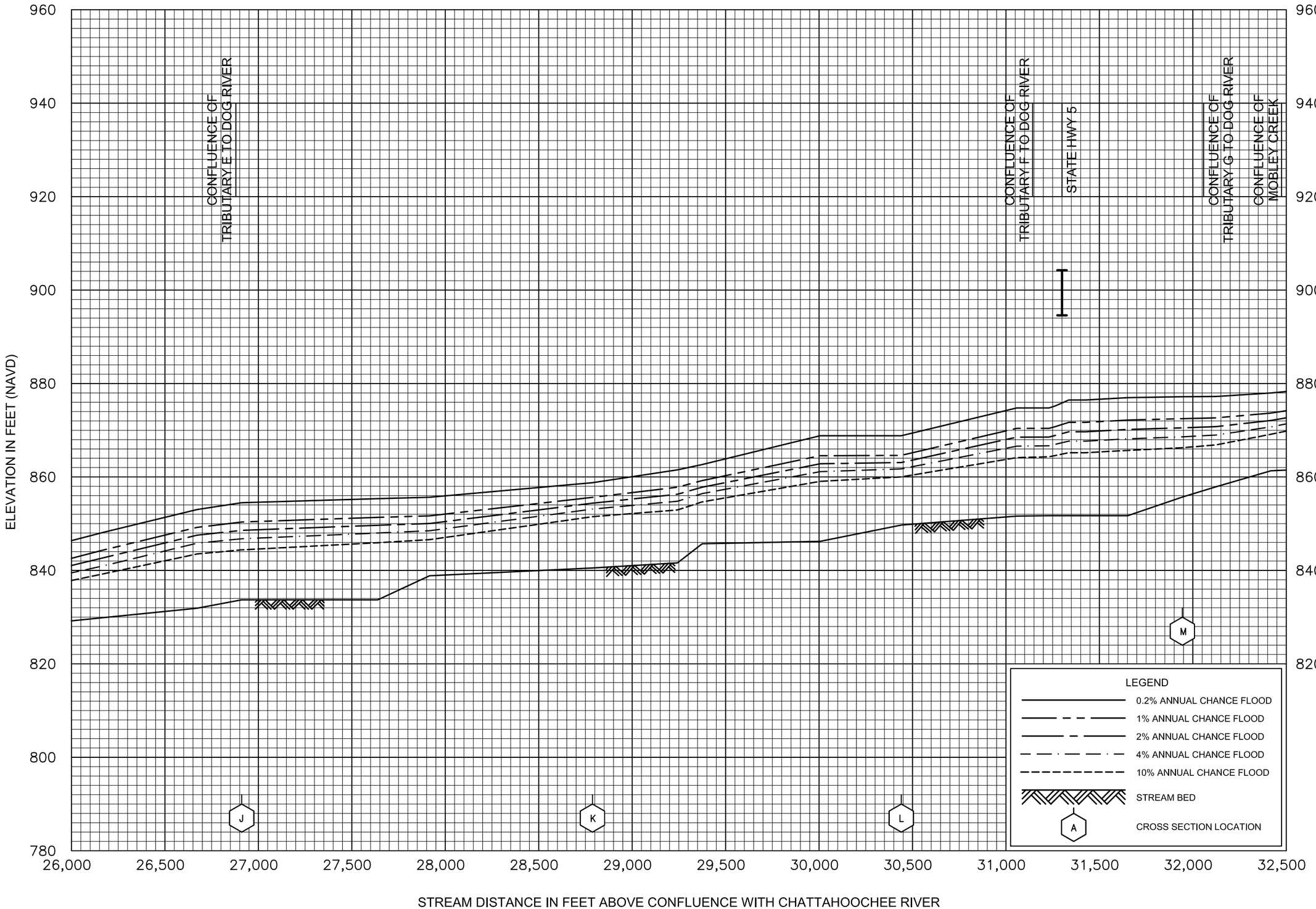
FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

142cP

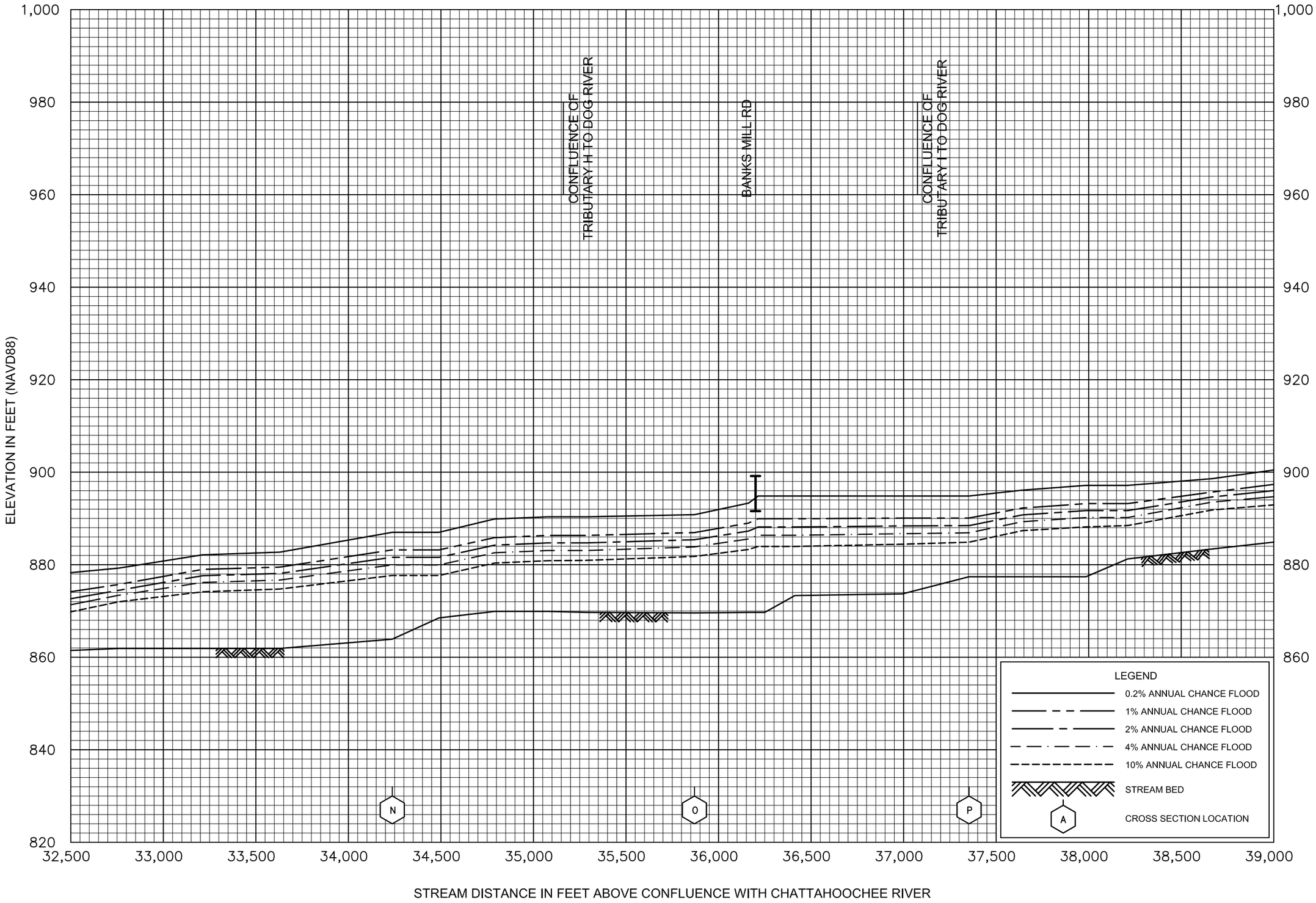


FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



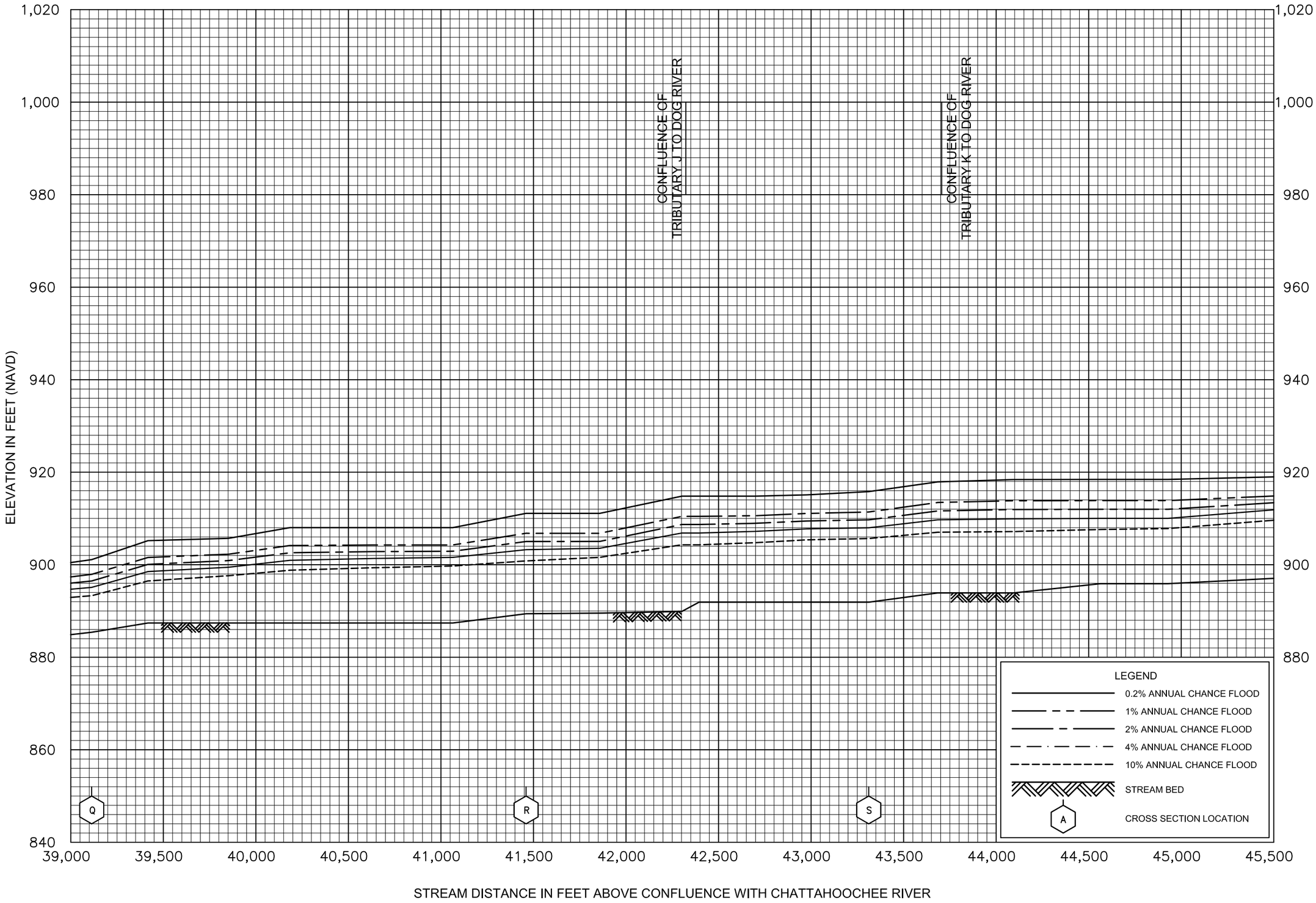
FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

142eP

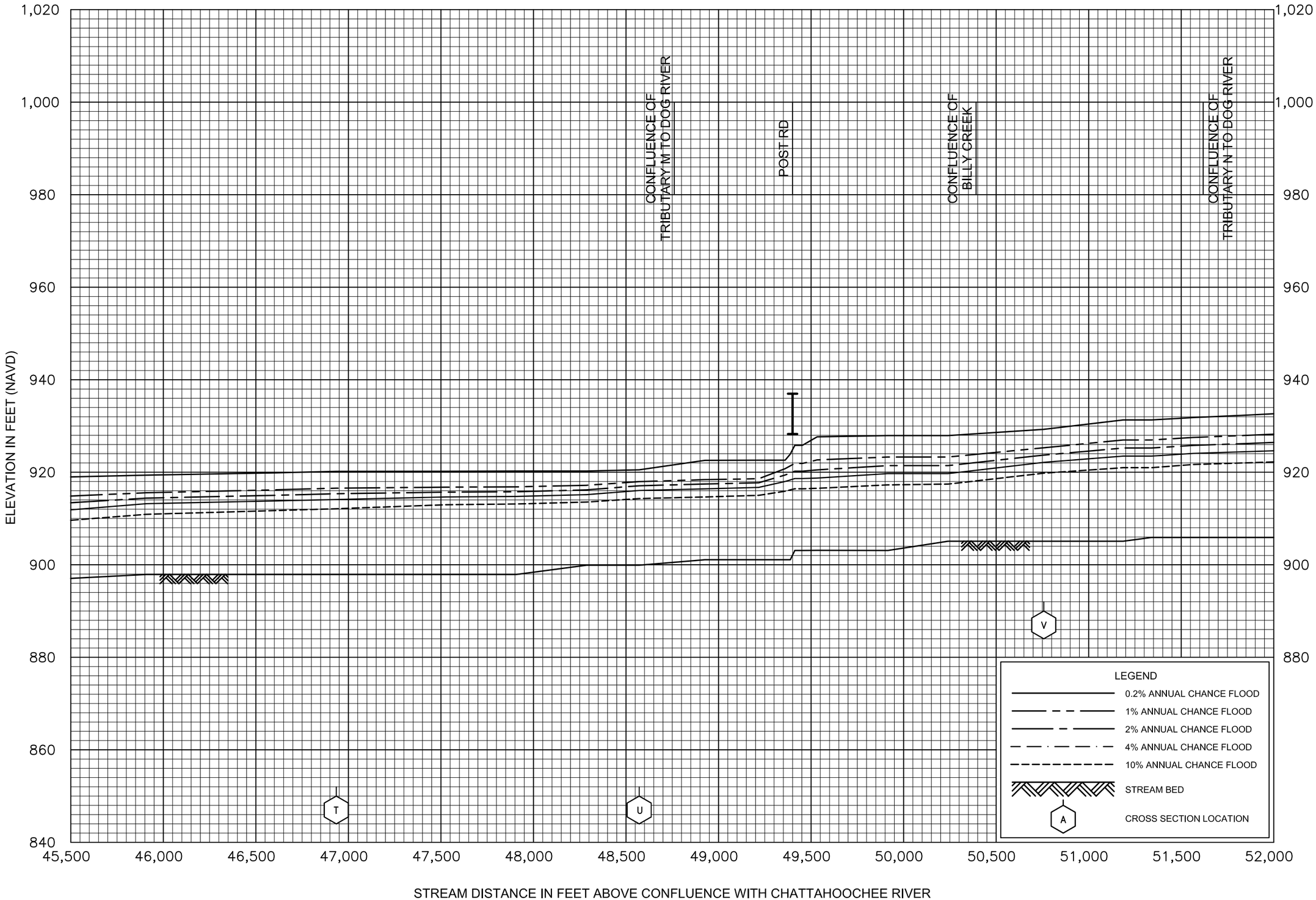


FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



FLOOD PROFILES

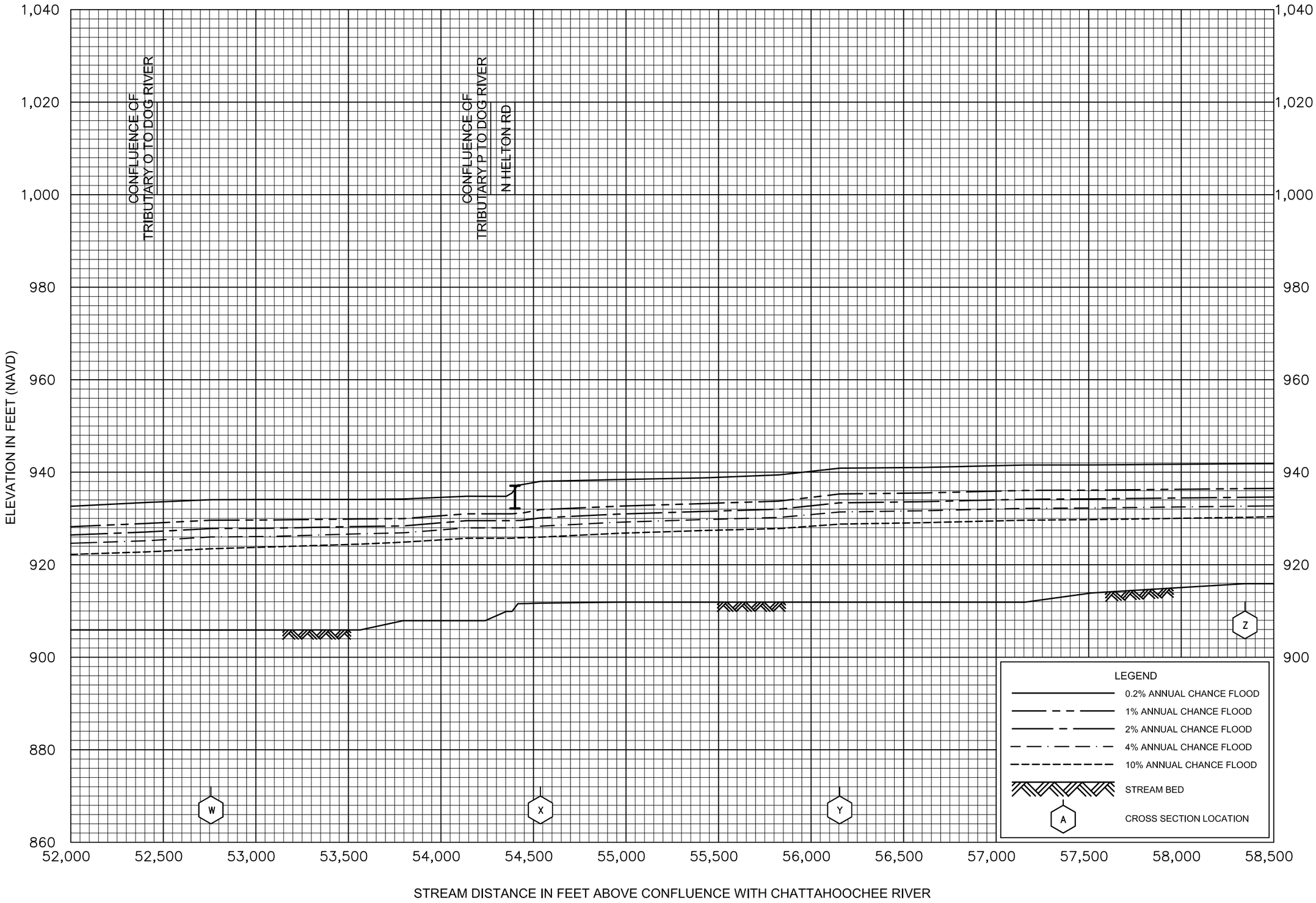
DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

142gP



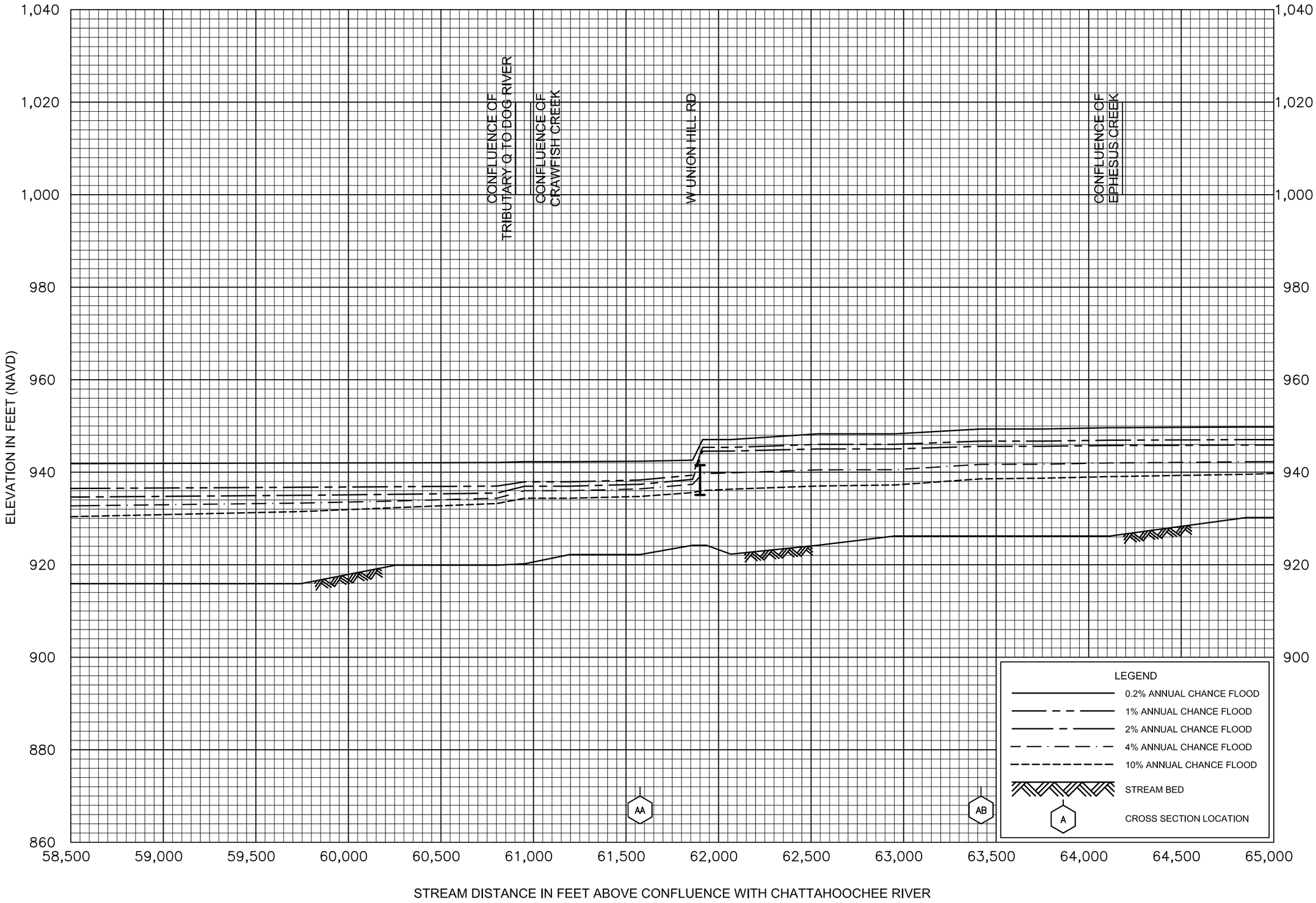
FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

142hP

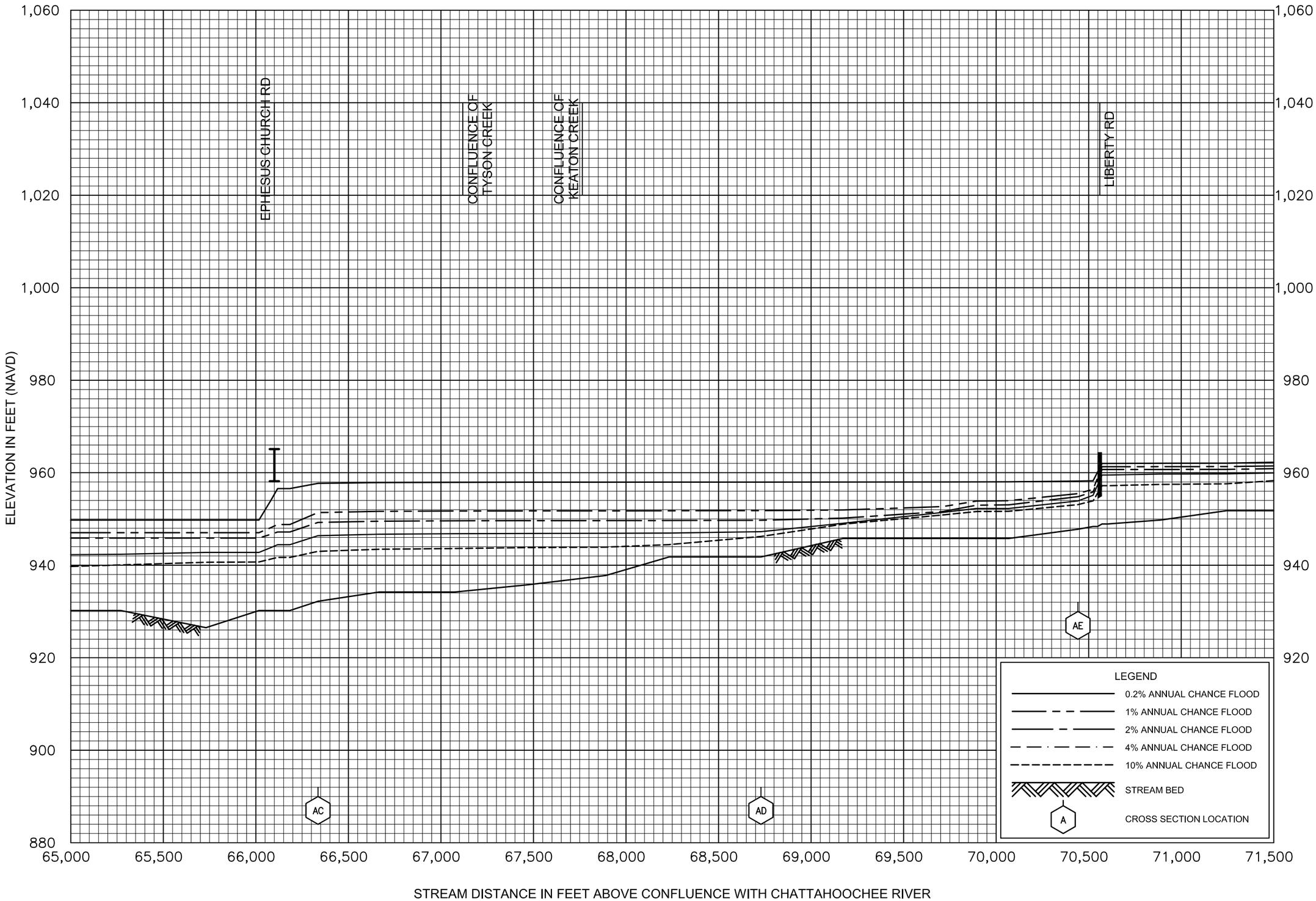


FLOOD PROFILES

DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



FLOOD PROFILES

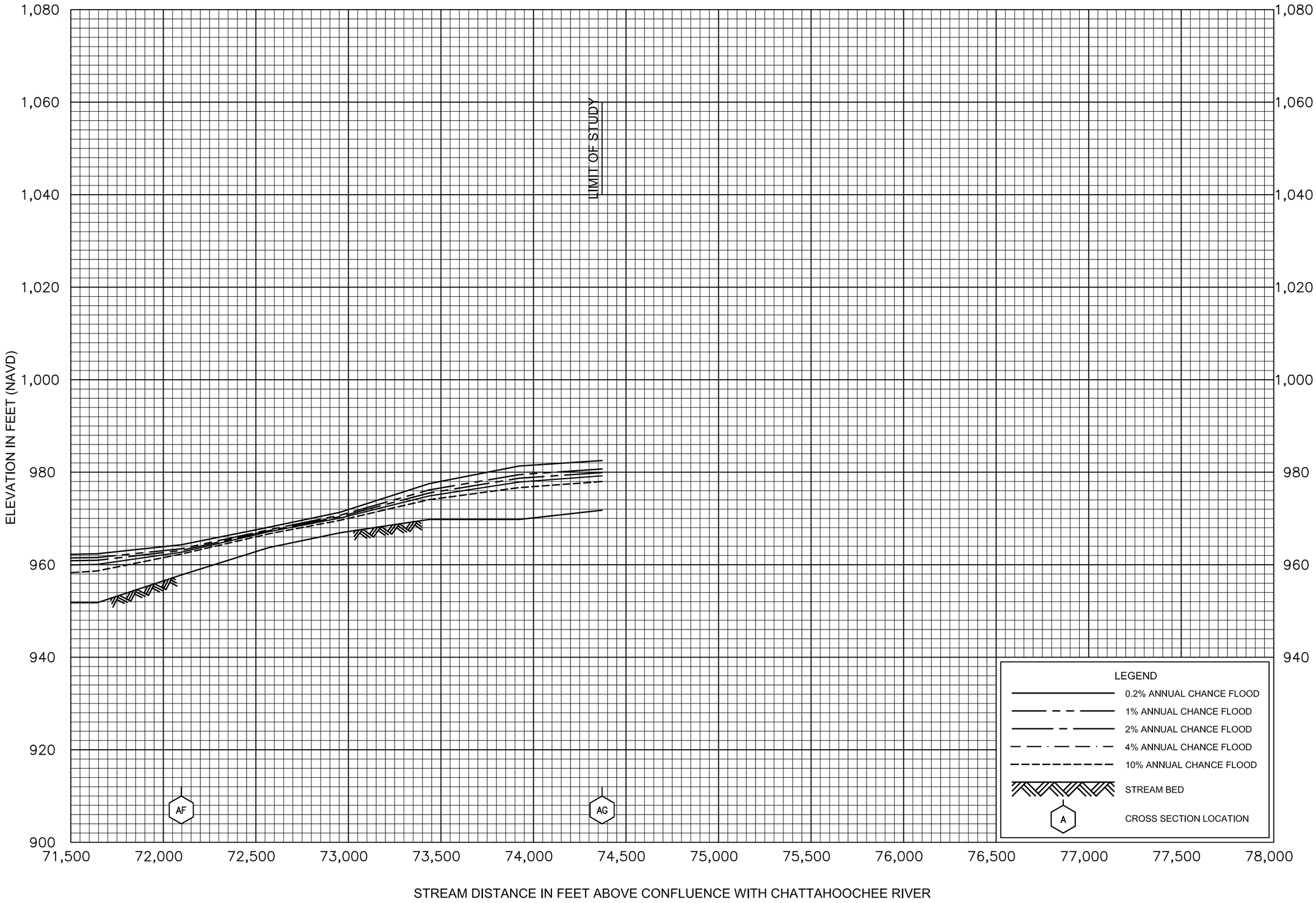
DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

142jP



FLOOD PROFILES

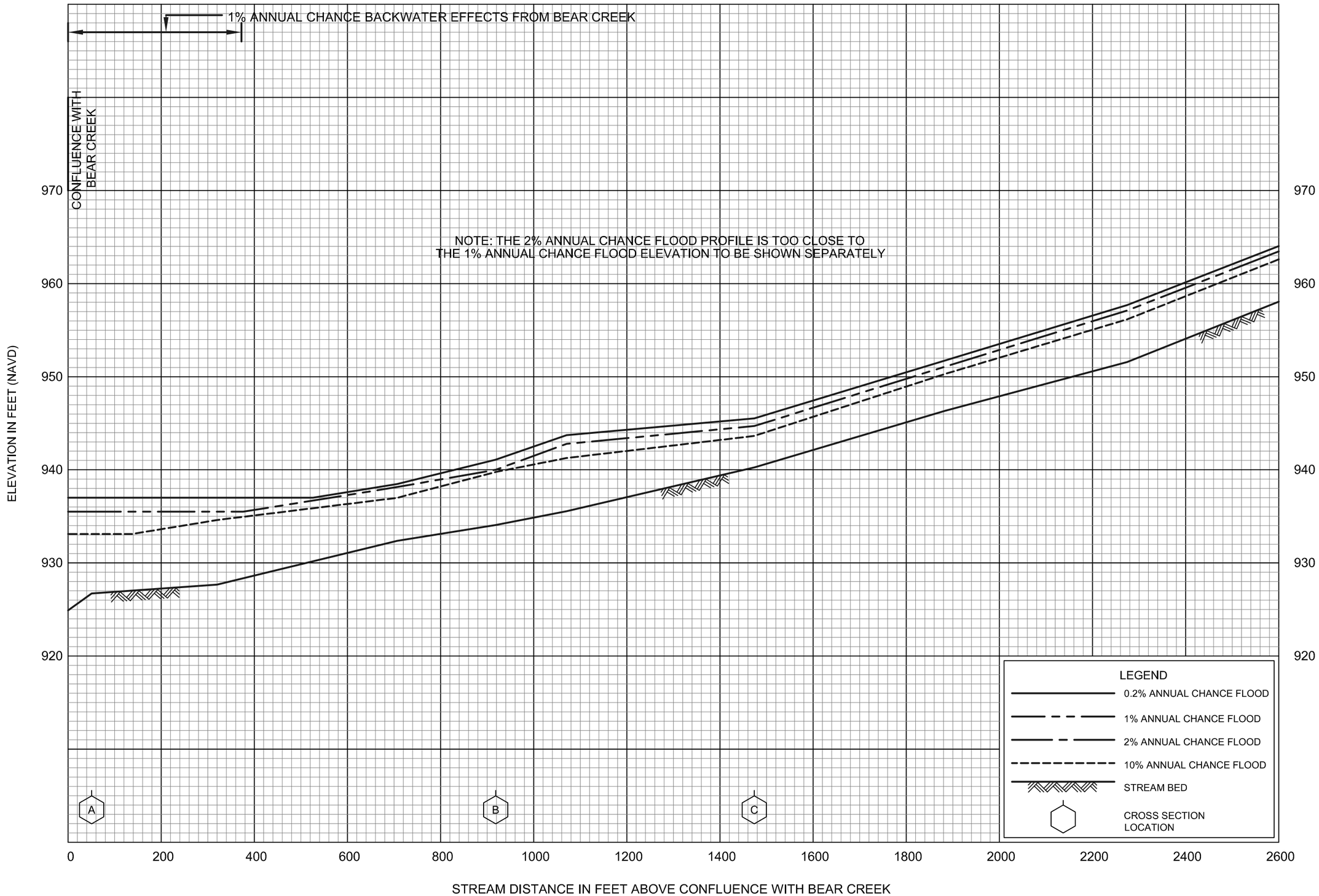
DOG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

142kP



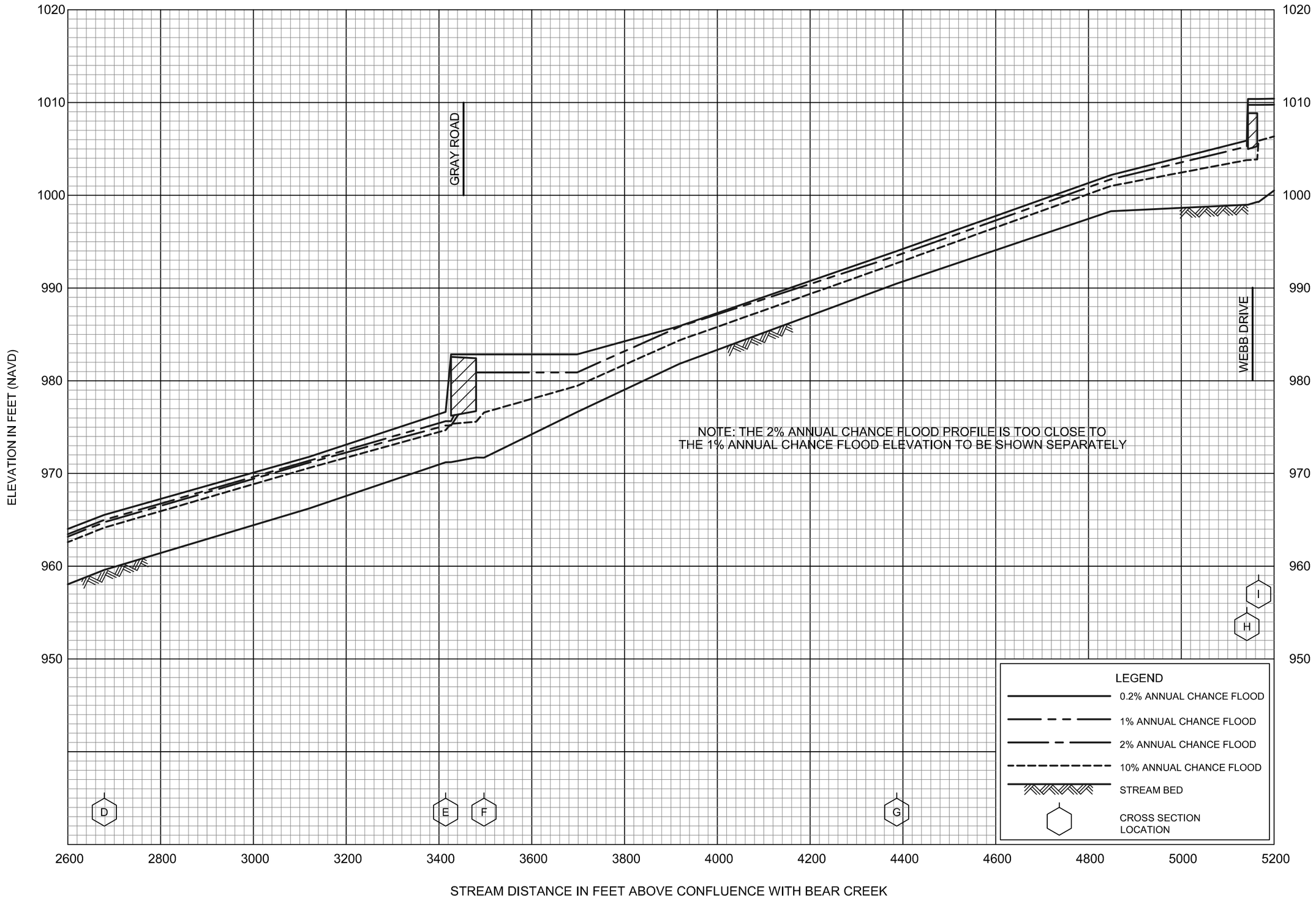
FLOOD PROFILES

DORSETT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



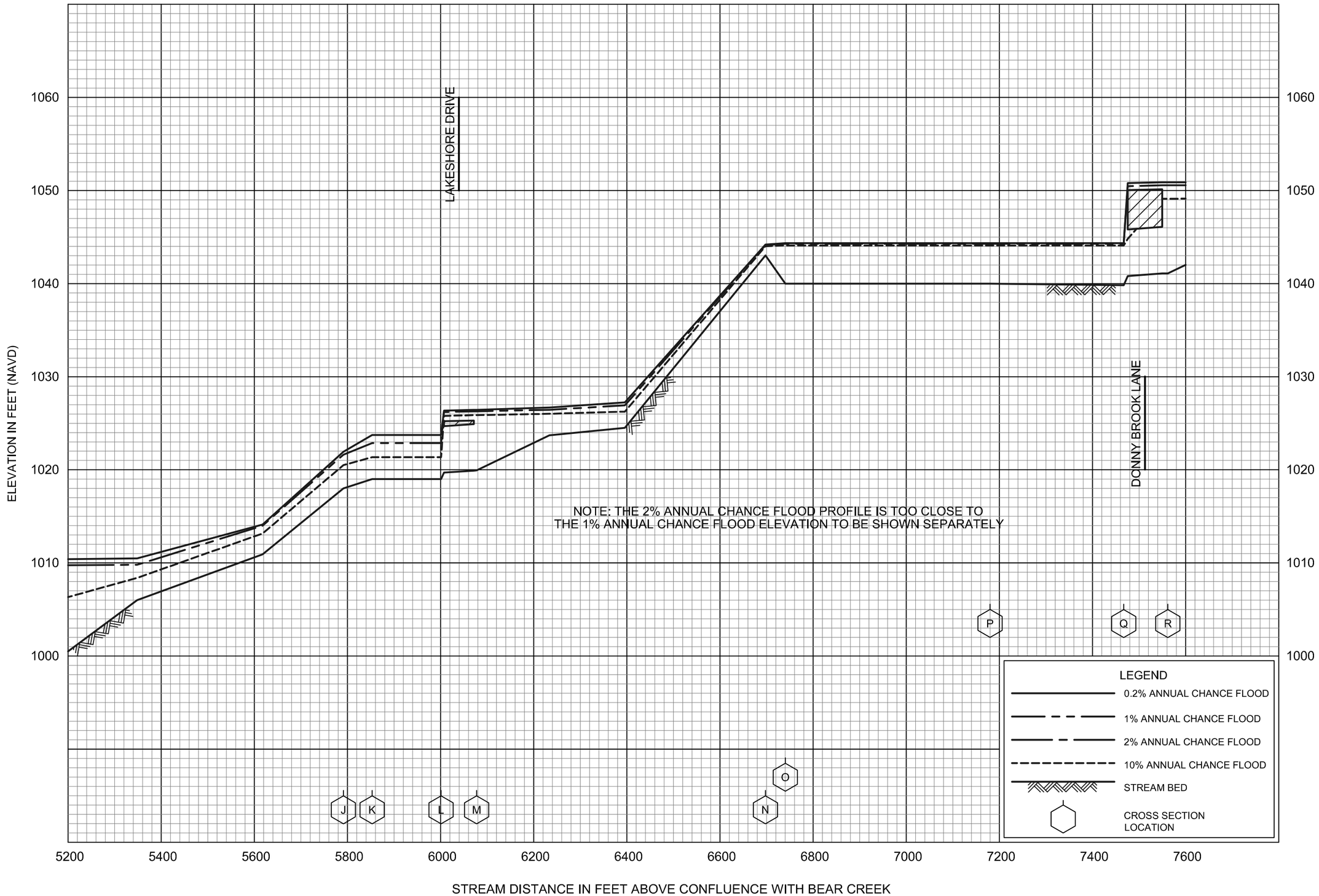
FLOOD PROFILES

DORSETT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



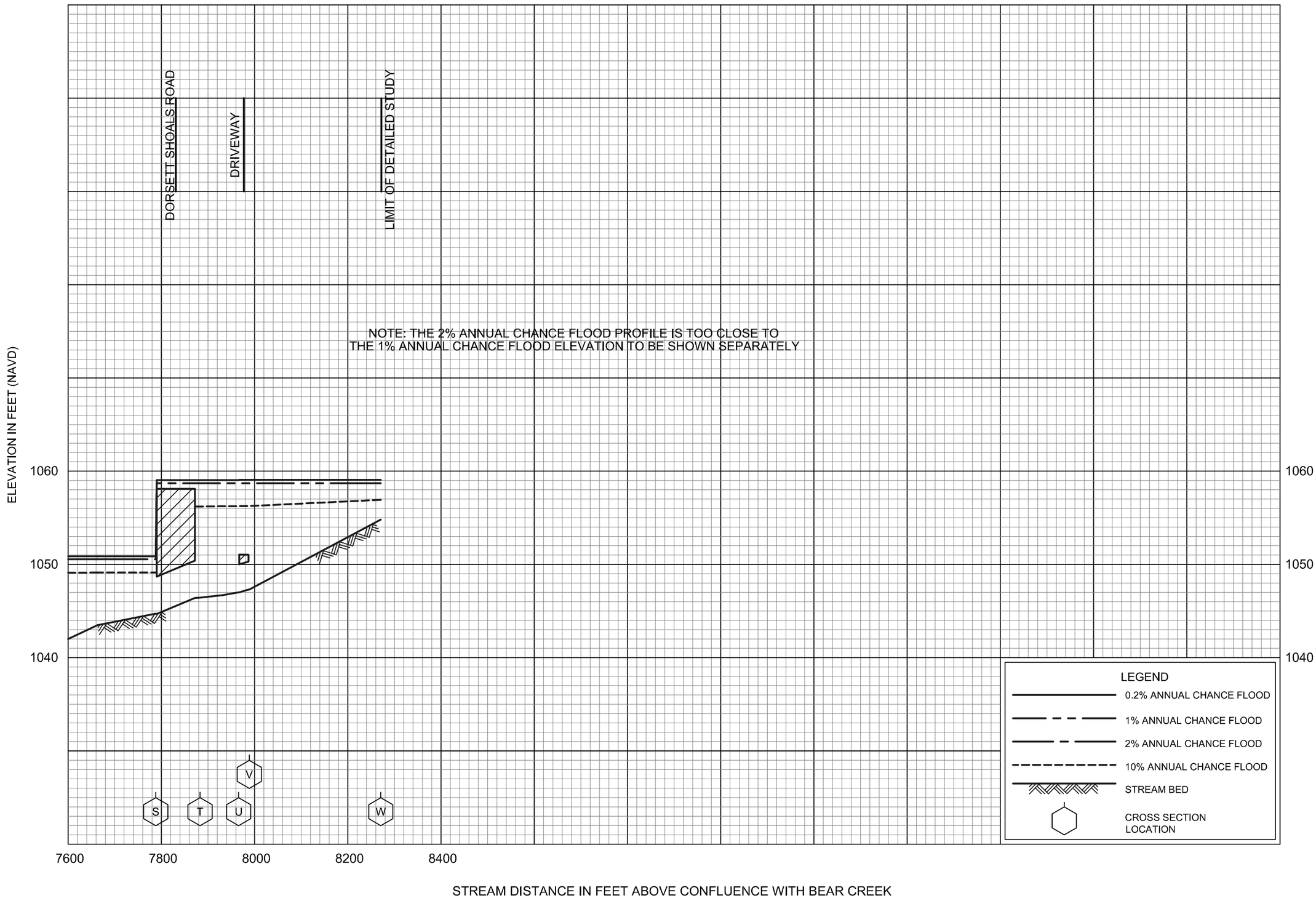
FLOOD PROFILES

DORSETT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



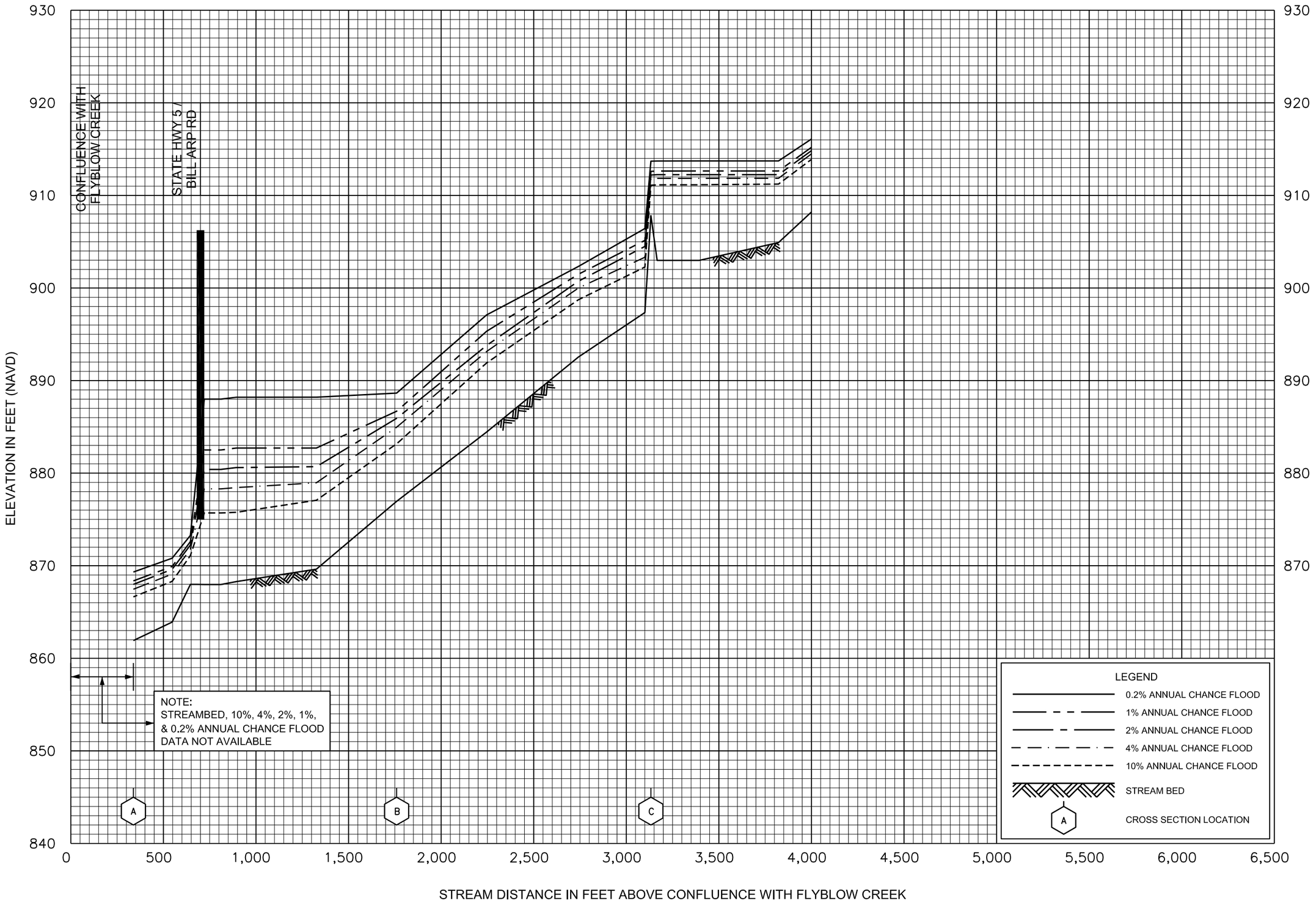
FLOOD PROFILES

DORSETT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



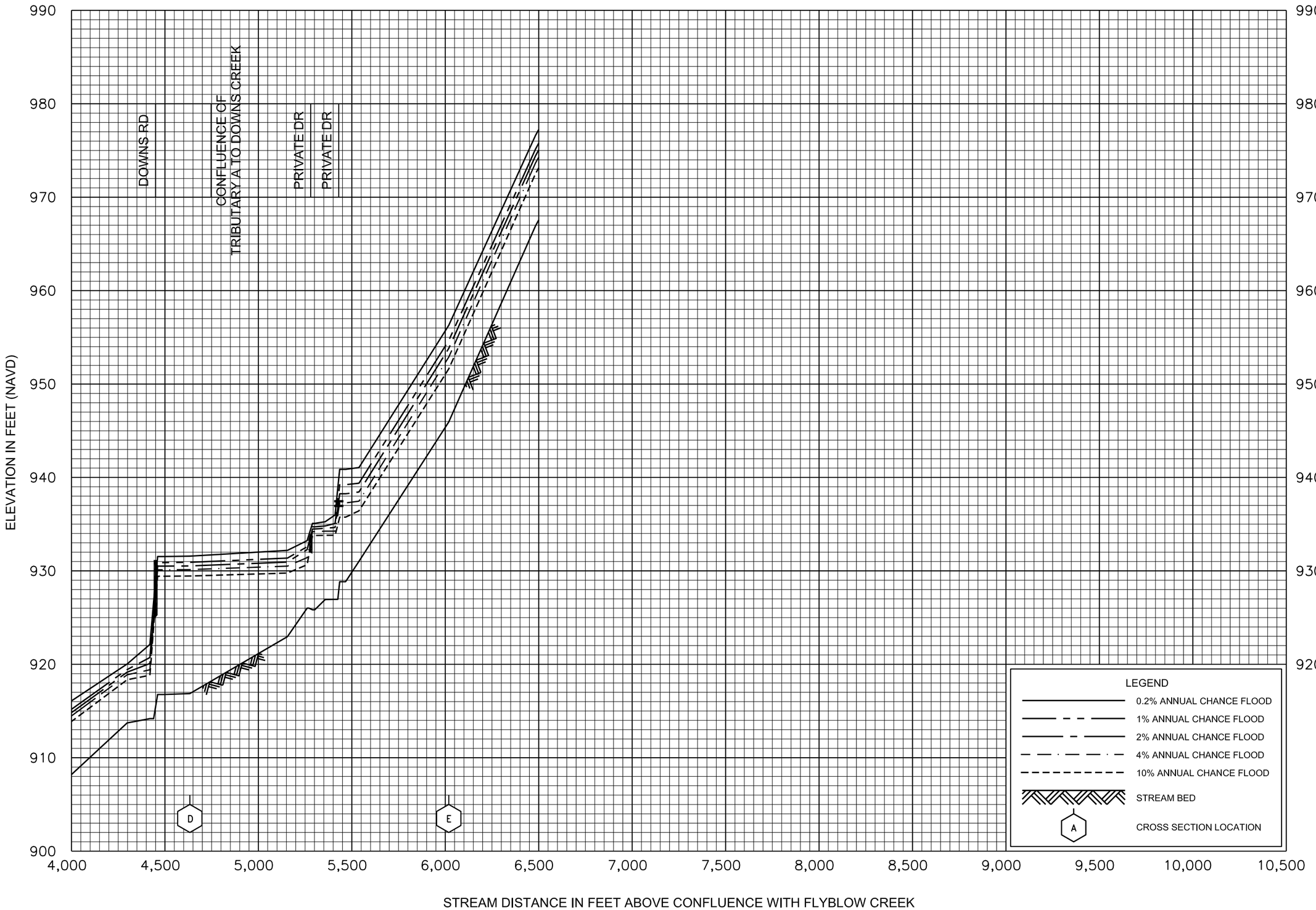
FLOOD PROFILES

DOWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

146aP



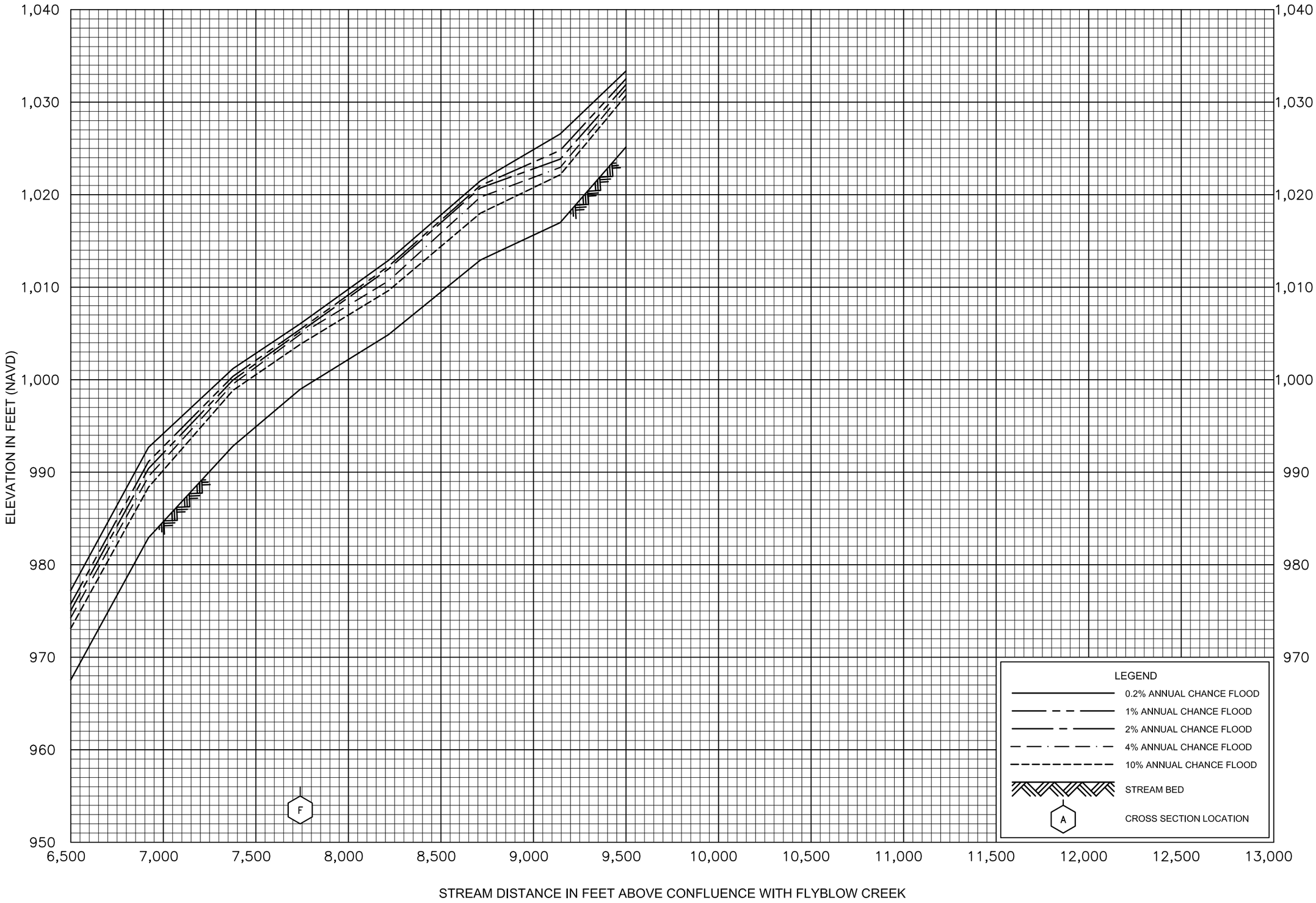
FLOOD PROFILES

DOWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

146bP

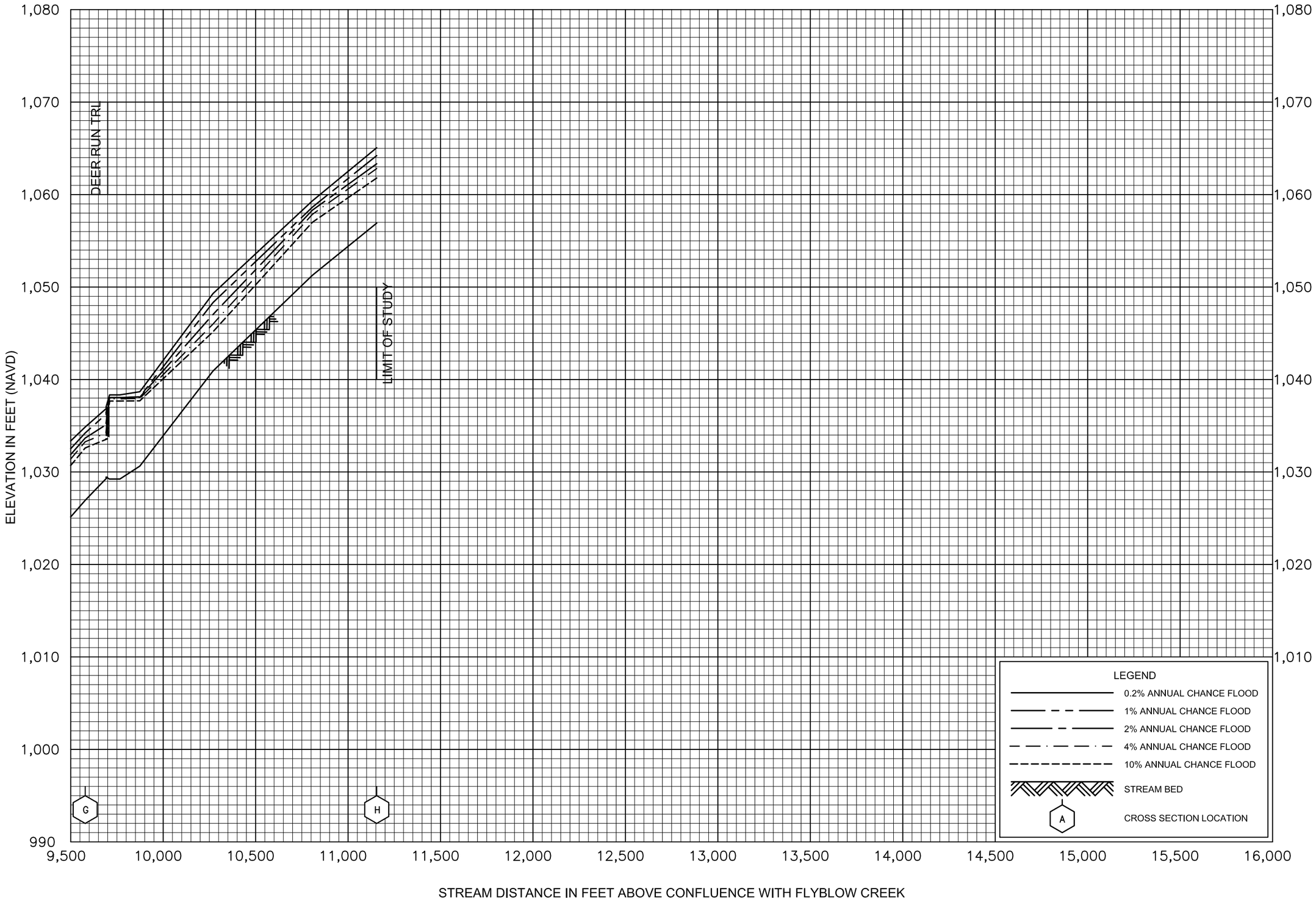


FLOOD PROFILES

DOWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

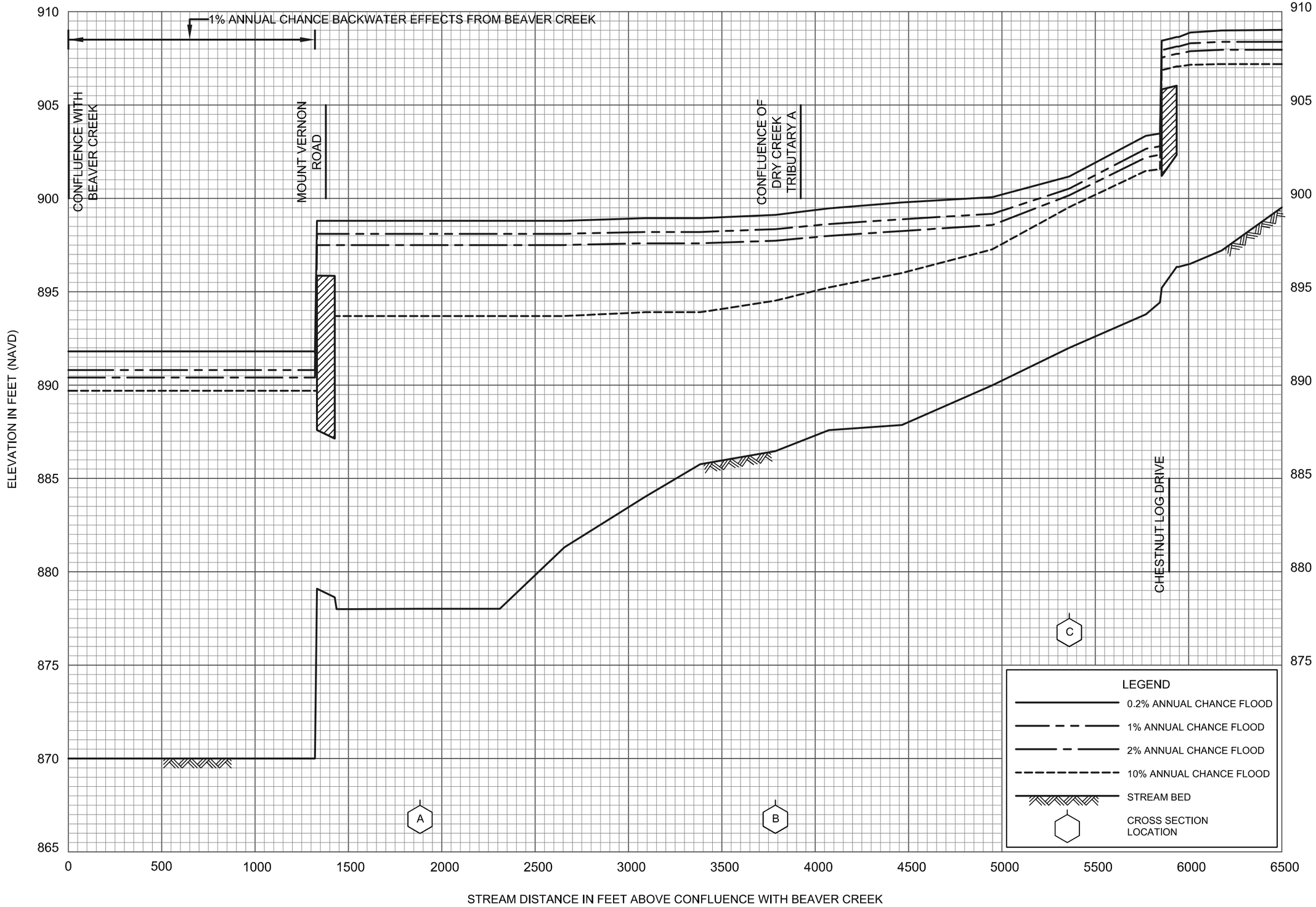


FLOOD PROFILES

DOWNS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



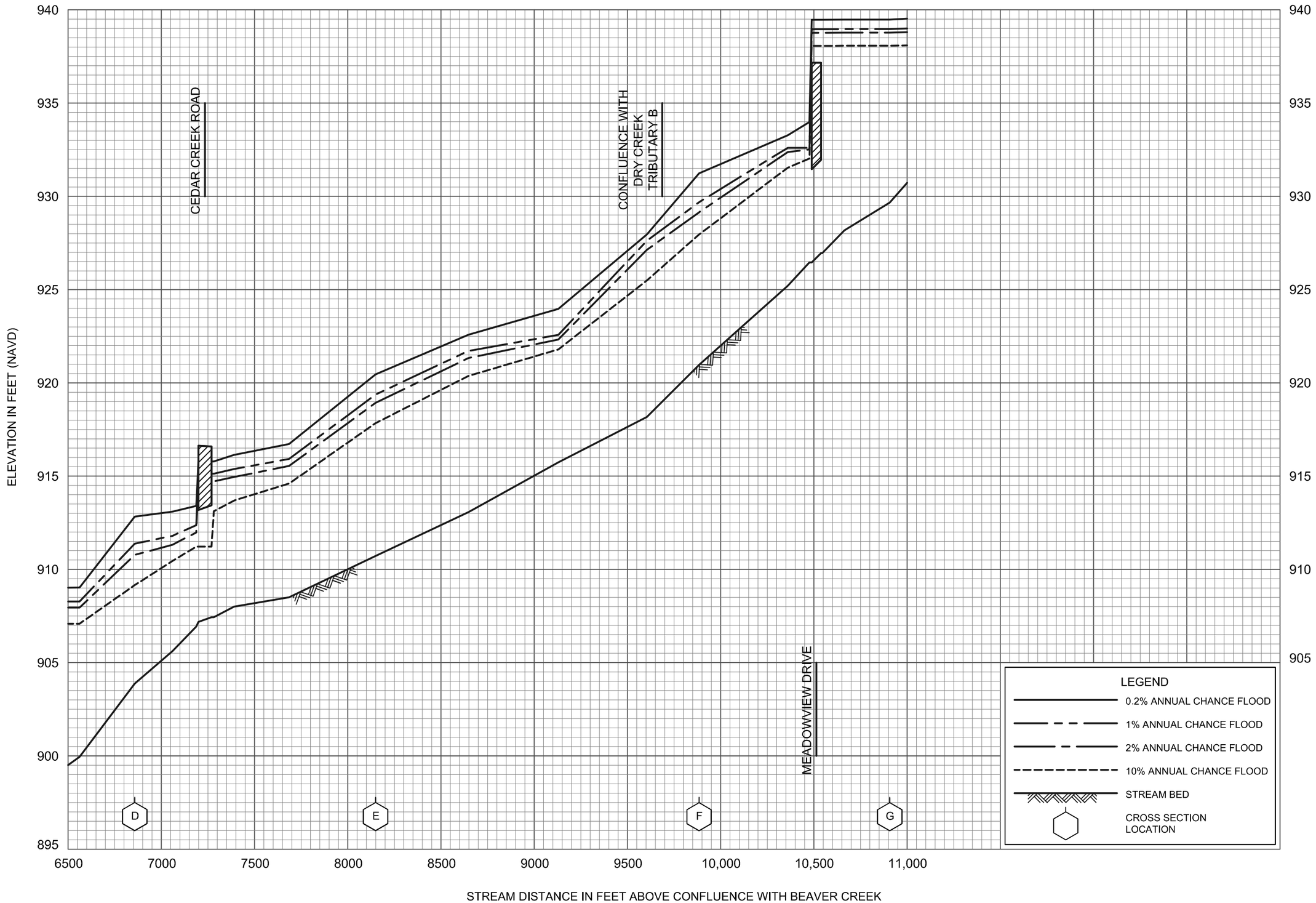
FLOOD PROFILES

DRY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



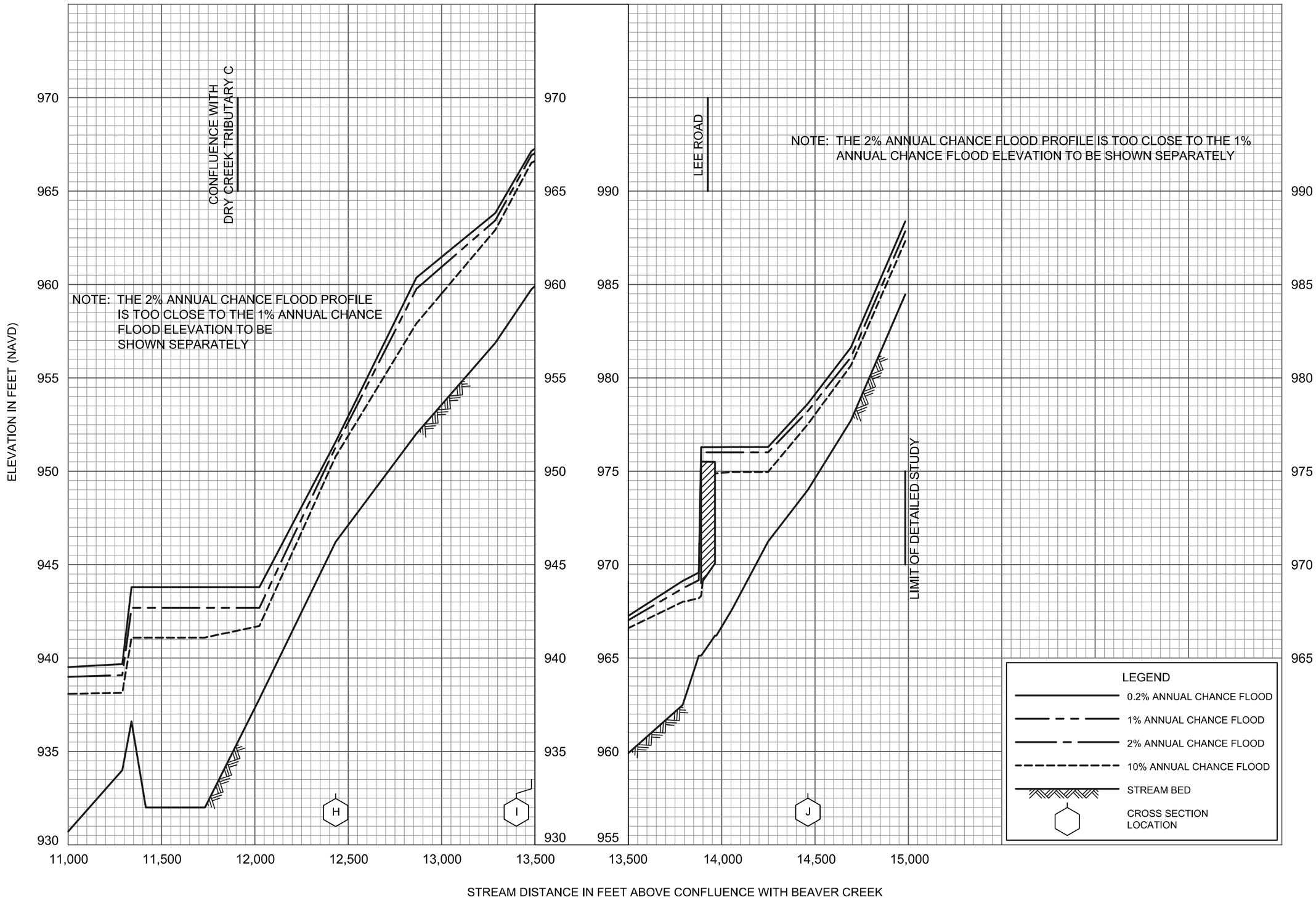
FLOOD PROFILES

DRY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



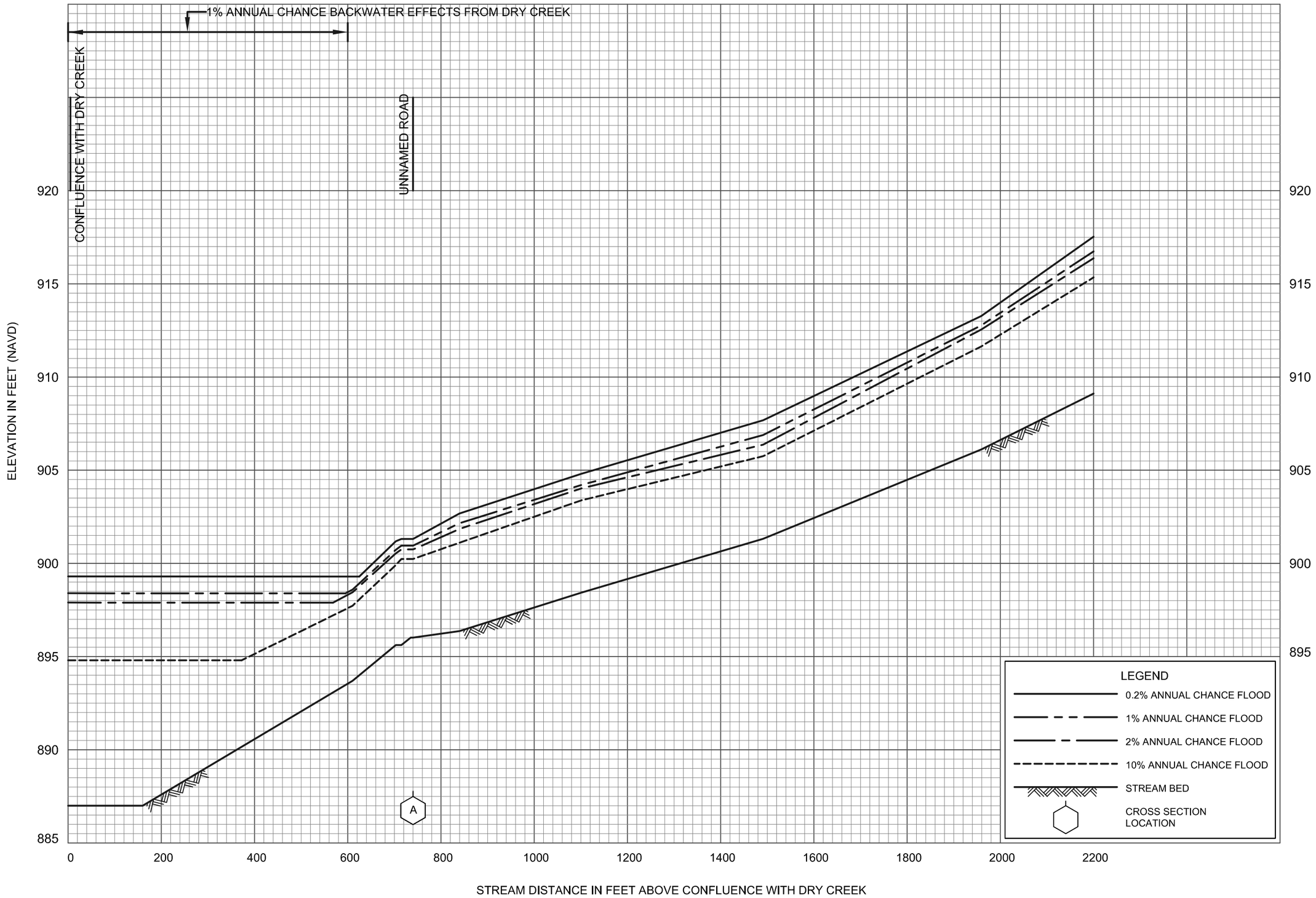
FLOOD PROFILES

DRY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



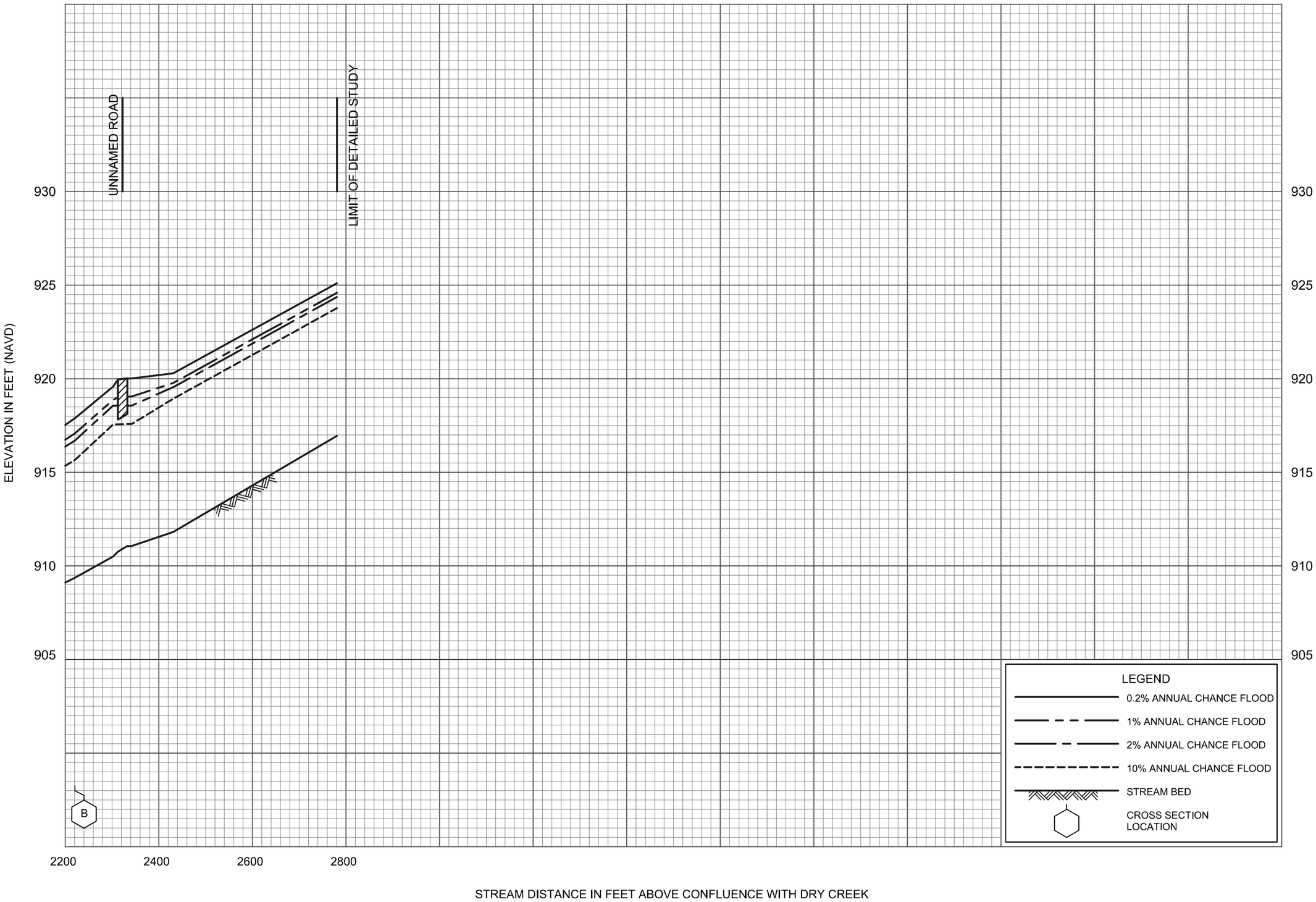
FLOOD PROFILES

DRY CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

FULTON COUNTY, GA

AND INCORPORATED AREAS



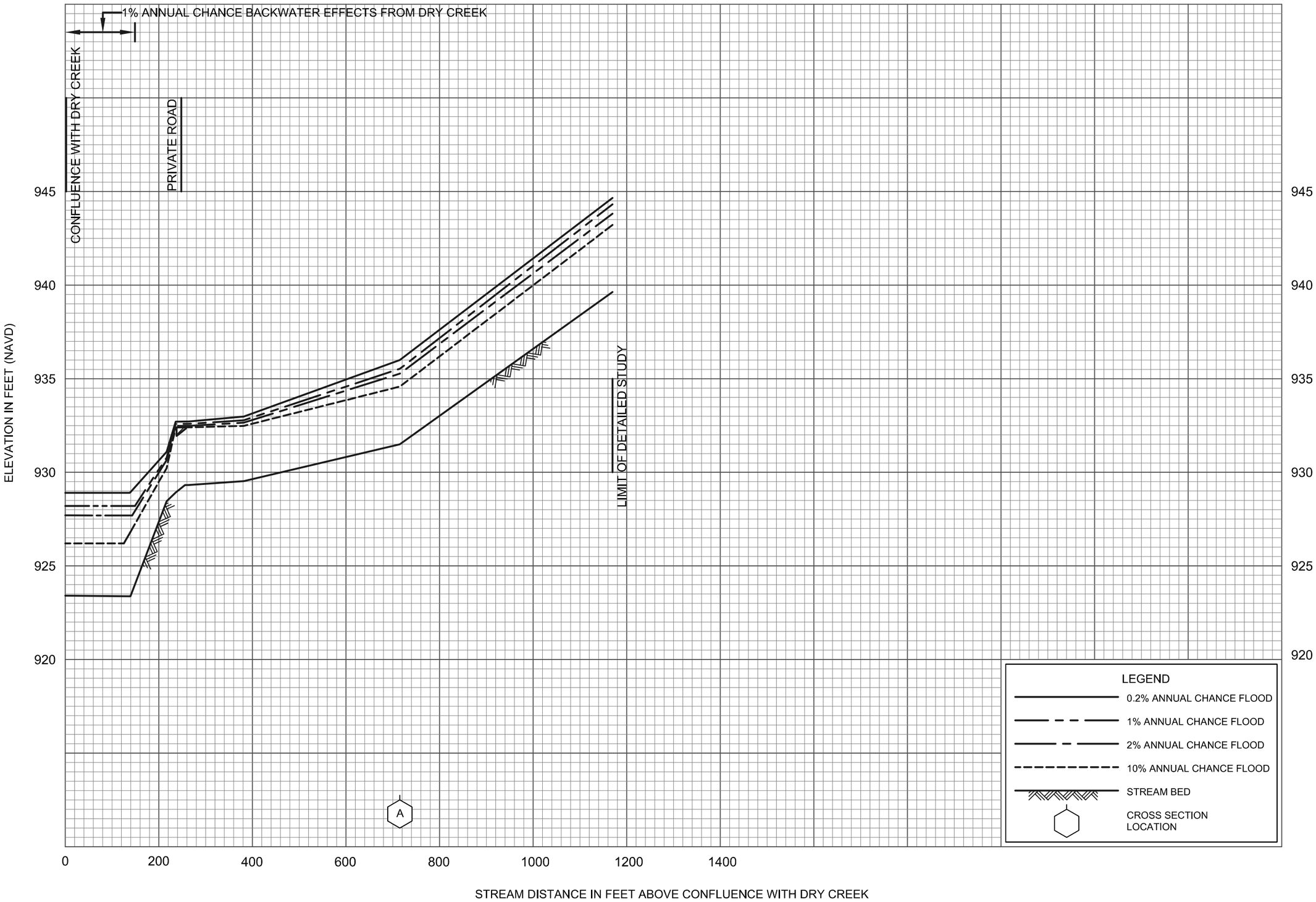
FLOOD PROFILES

DRY CREEK TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

FULTON COUNTY, GA

AND INCORPORATED AREAS



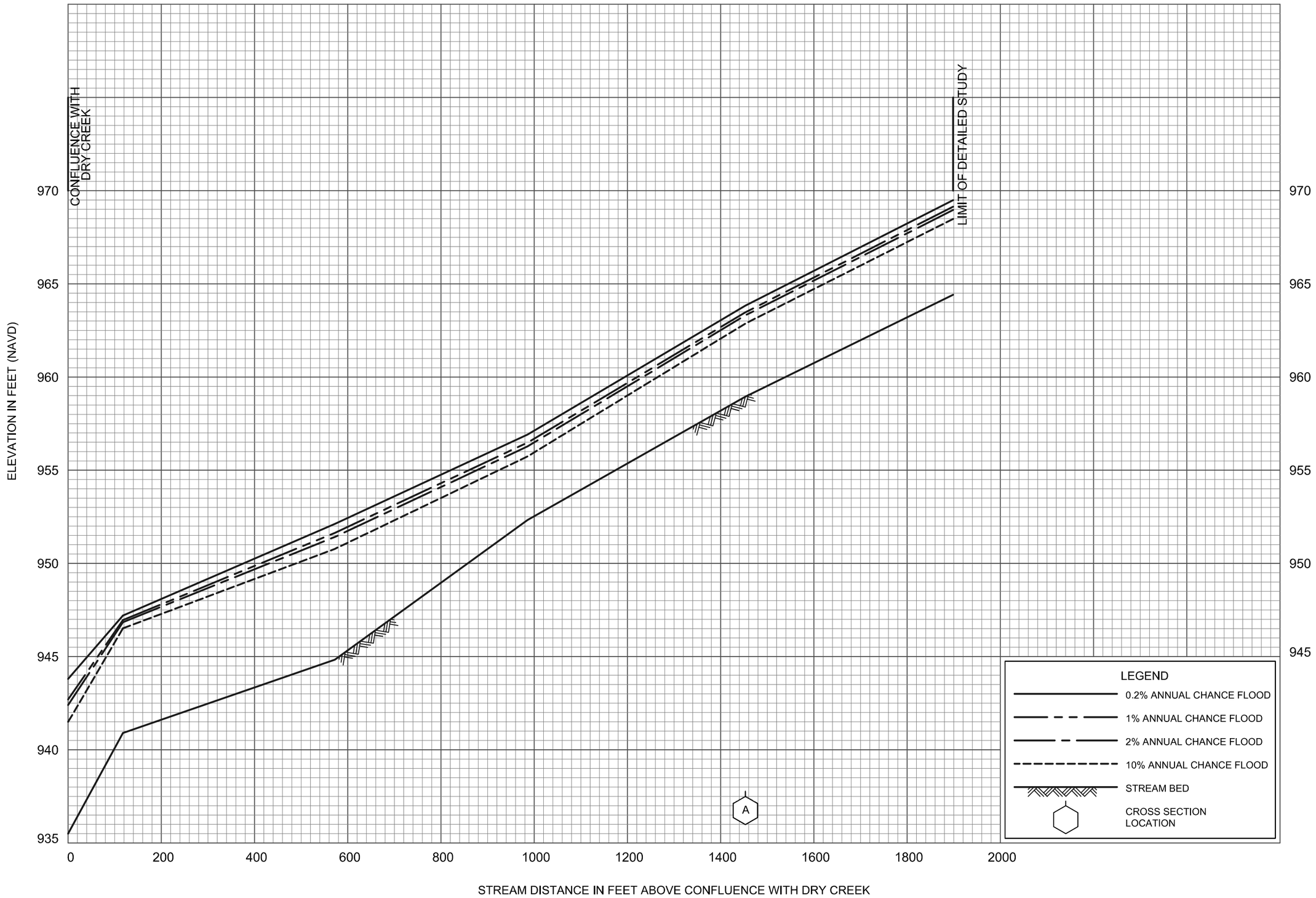
FLOOD PROFILES

DRY CREEK TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



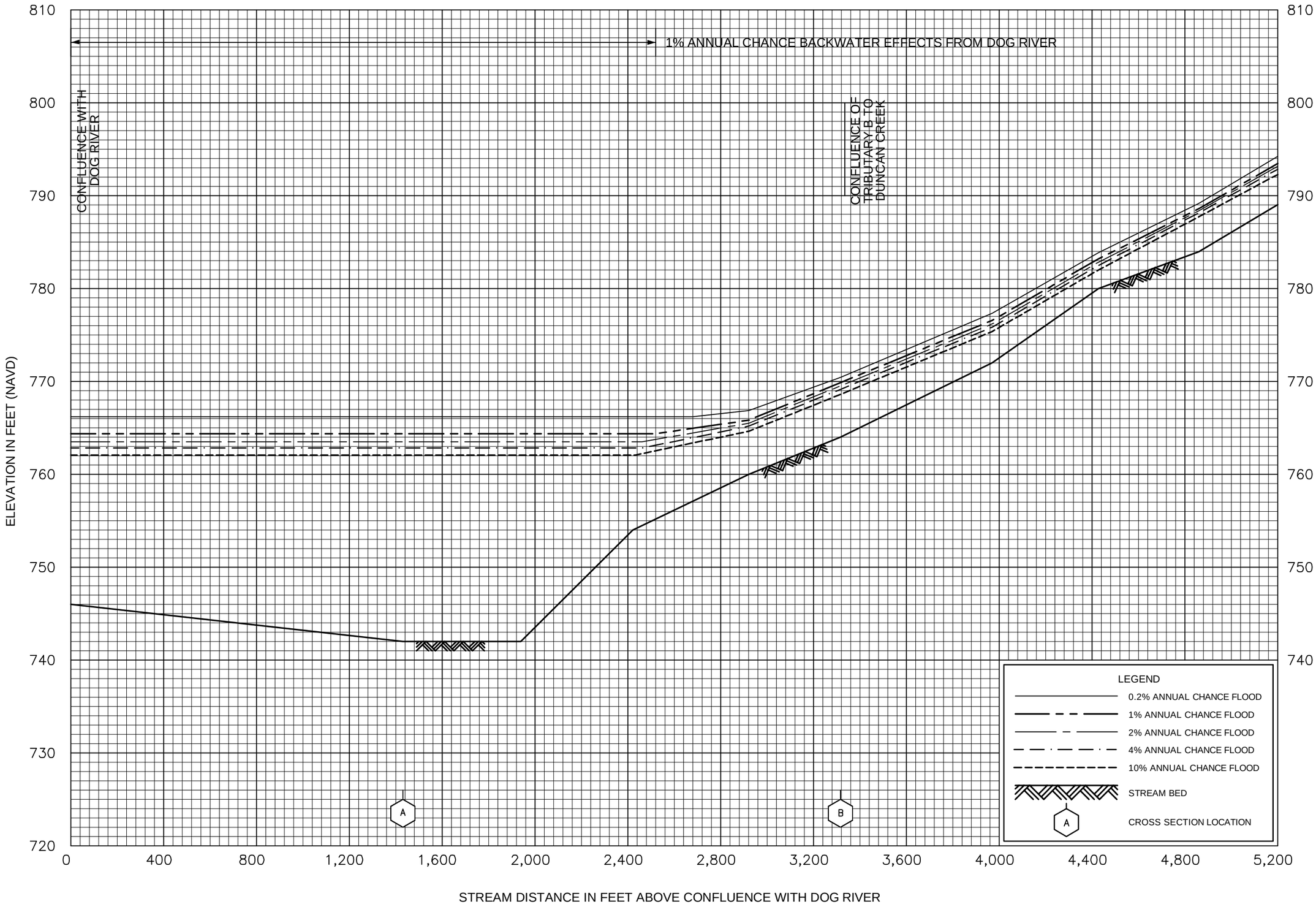
FLOOD PROFILES

DRY CREEK TRIBUTARY C

FEDERAL EMERGENCY MANAGEMENT AGENCY

FULTON COUNTY, GA

AND INCORPORATED AREAS



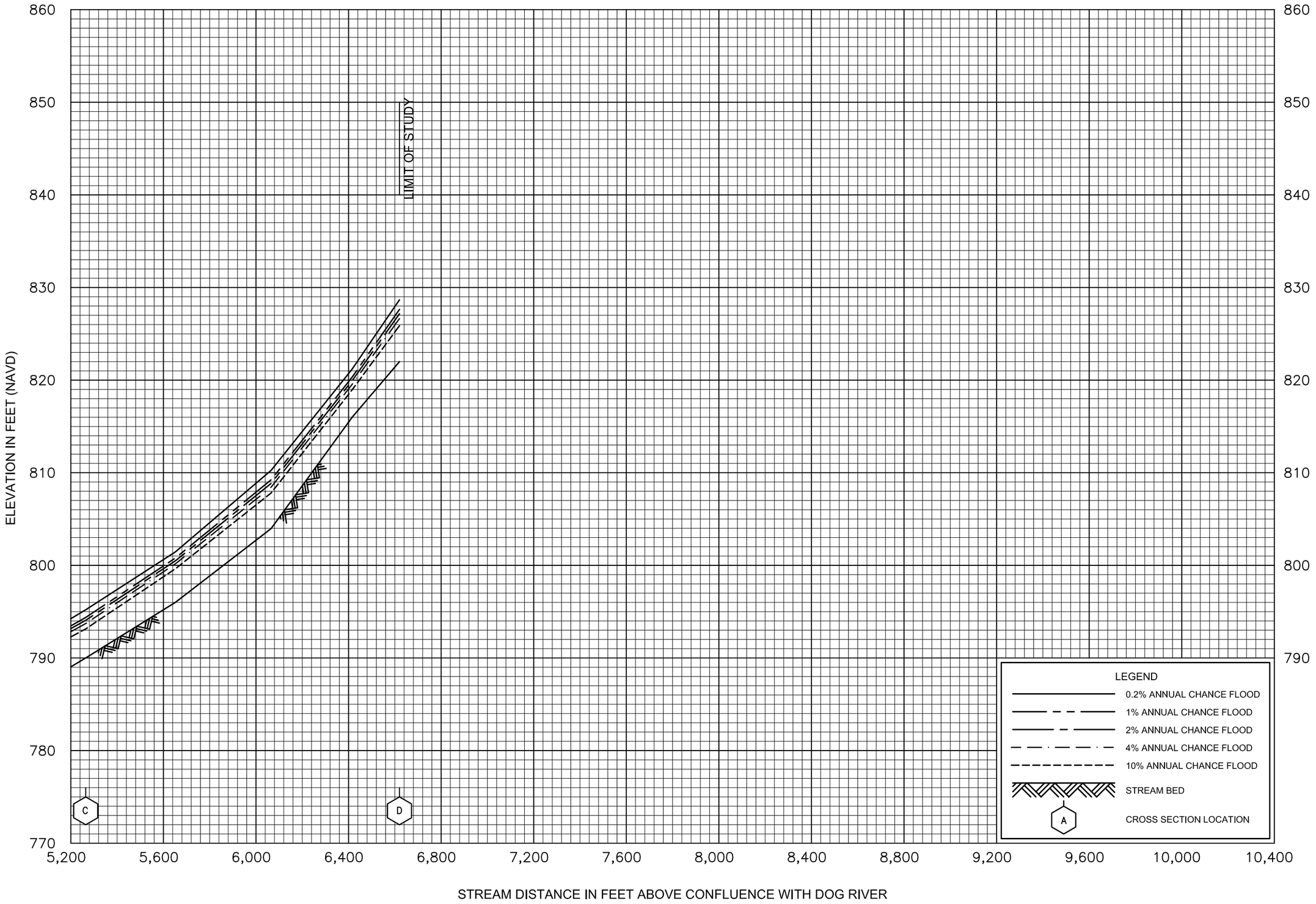
FLOOD PROFILES

DUNCAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

153aP



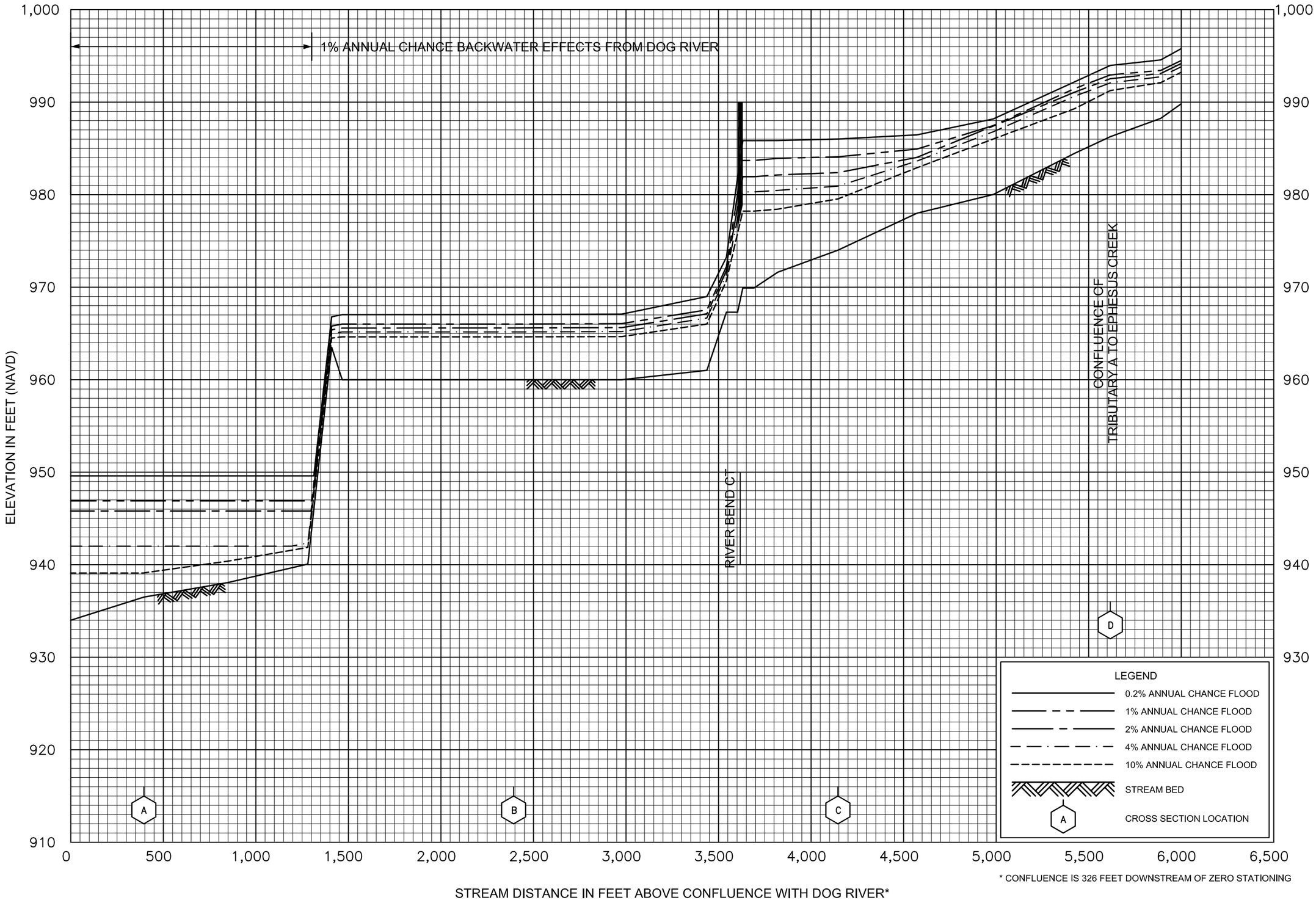
FLOOD PROFILES

DUNCAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



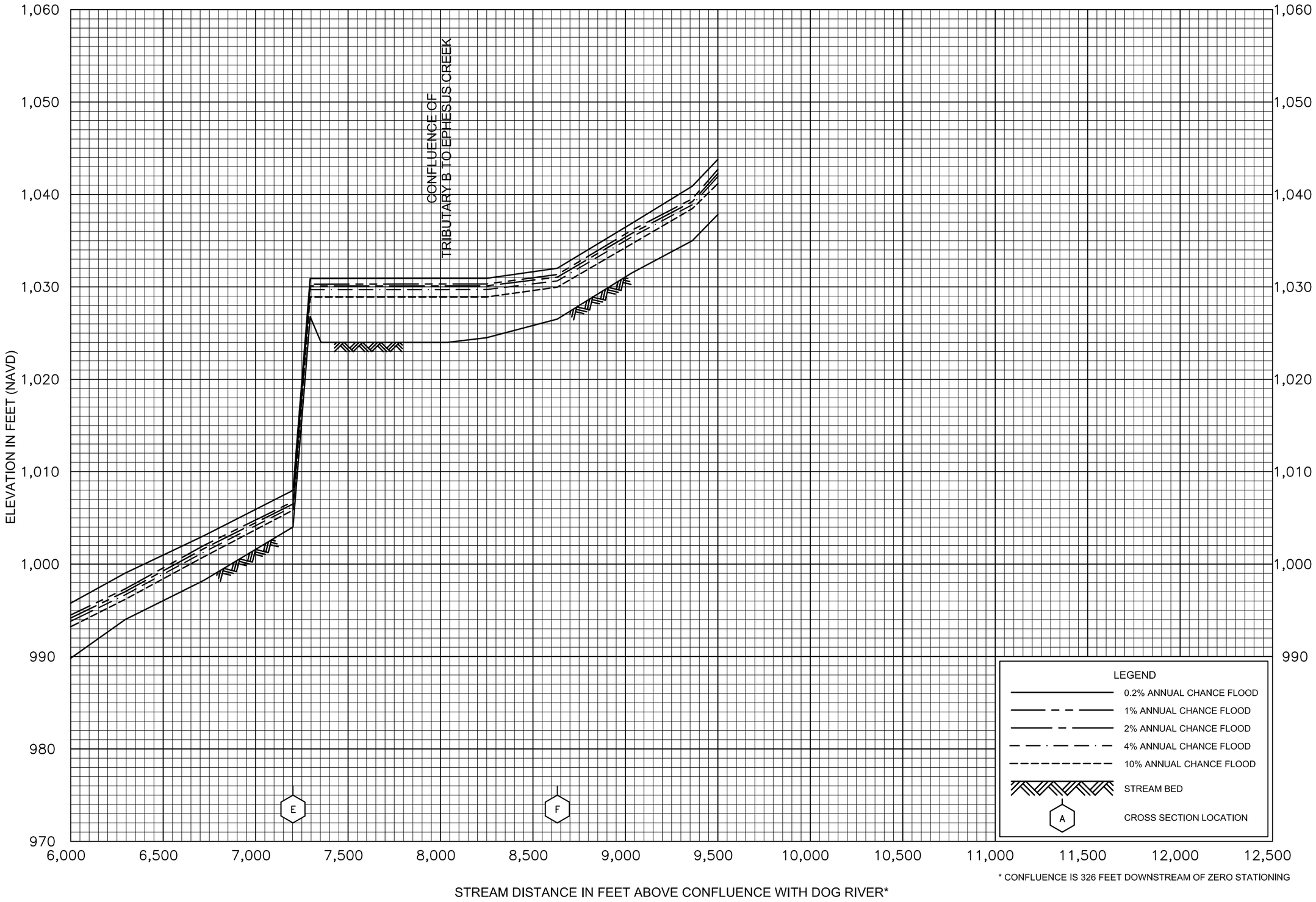
FLOOD PROFILES

EPHESUS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

153cP

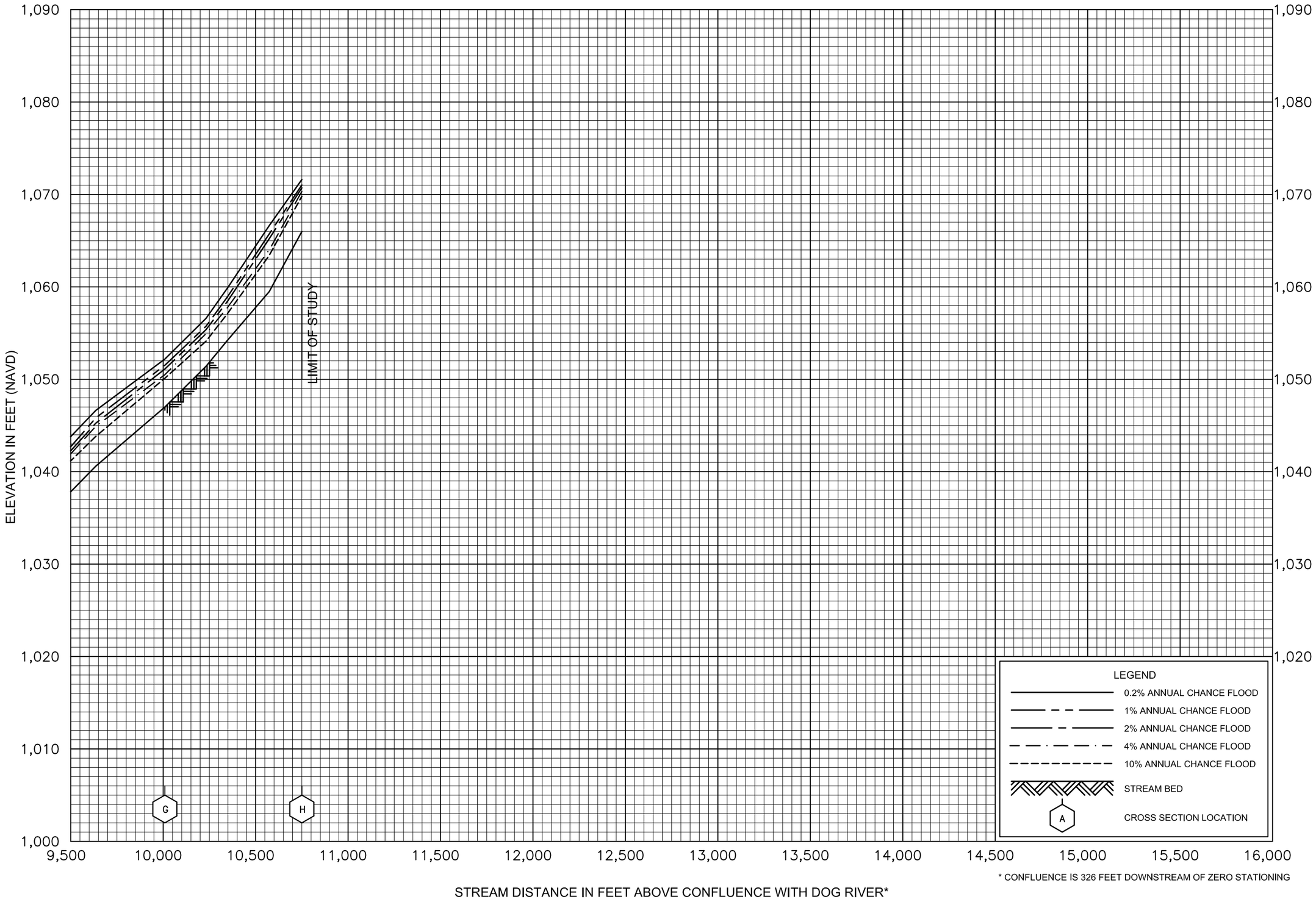


FLOOD PROFILES

EPHESUS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



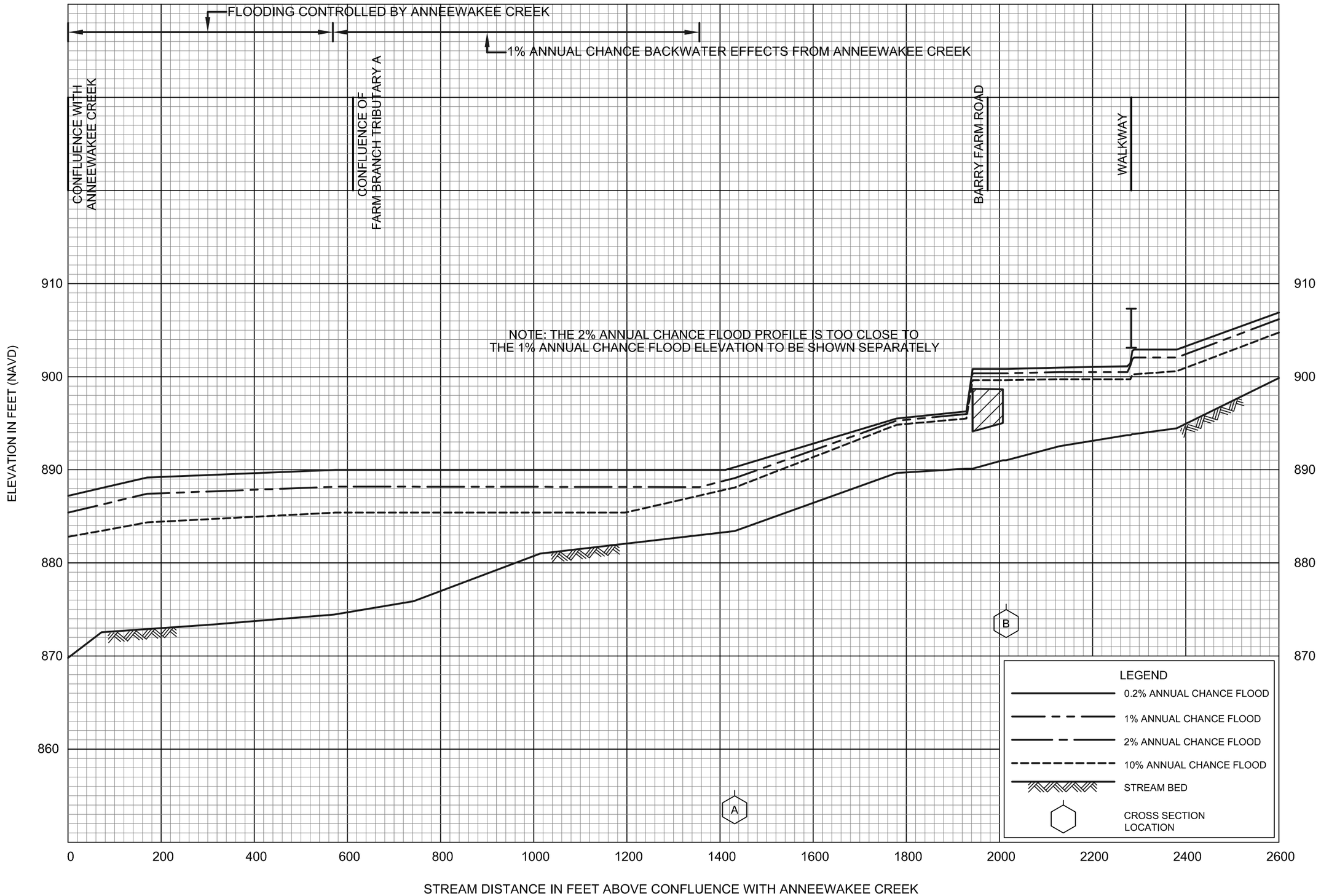
* CONFLUENCE IS 326 FEET DOWNSTREAM OF ZERO STATIONING

FLOOD PROFILES

EPHESUS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



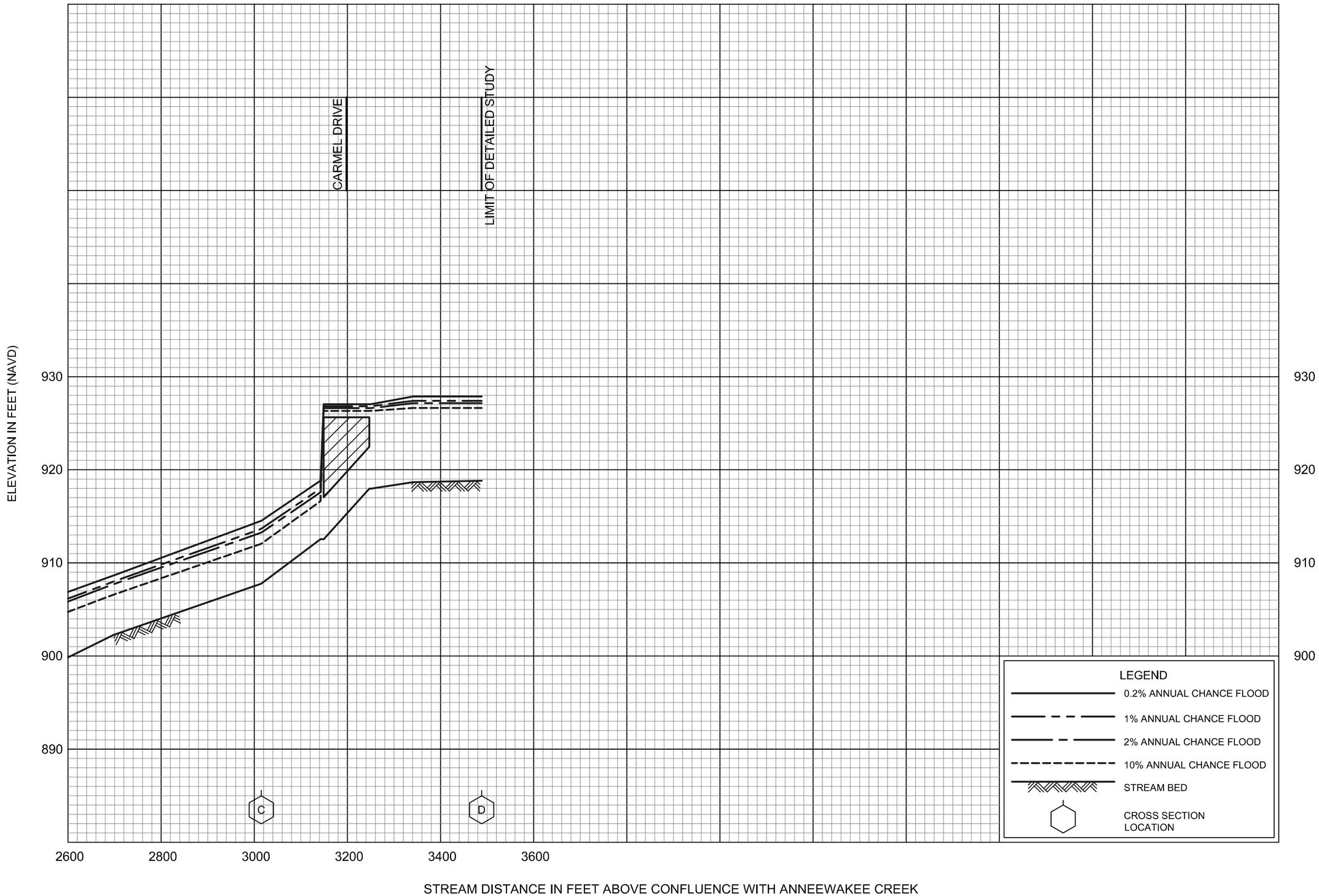
FLOOD PROFILES

FARM BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



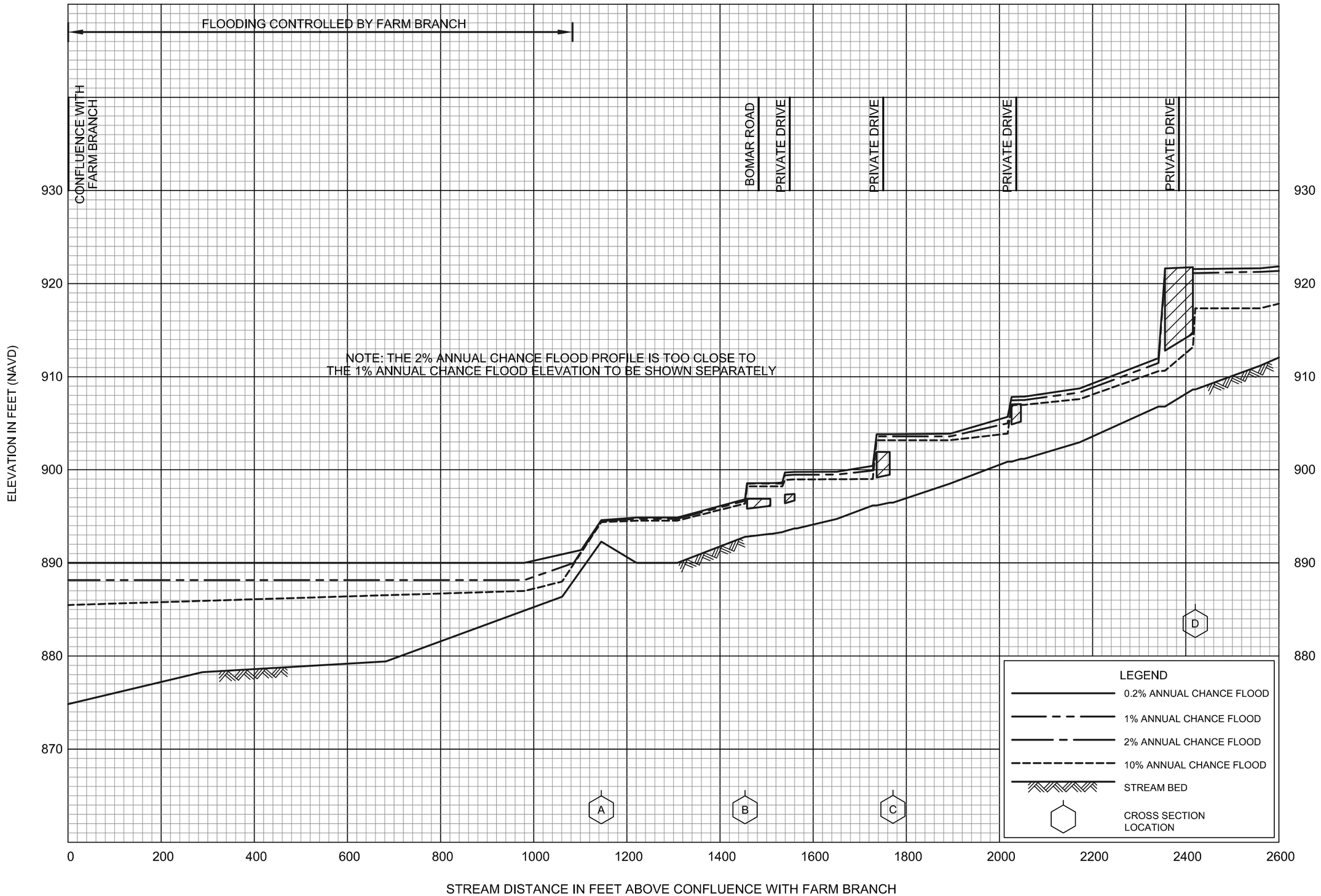
FLOOD PROFILES

FARM BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



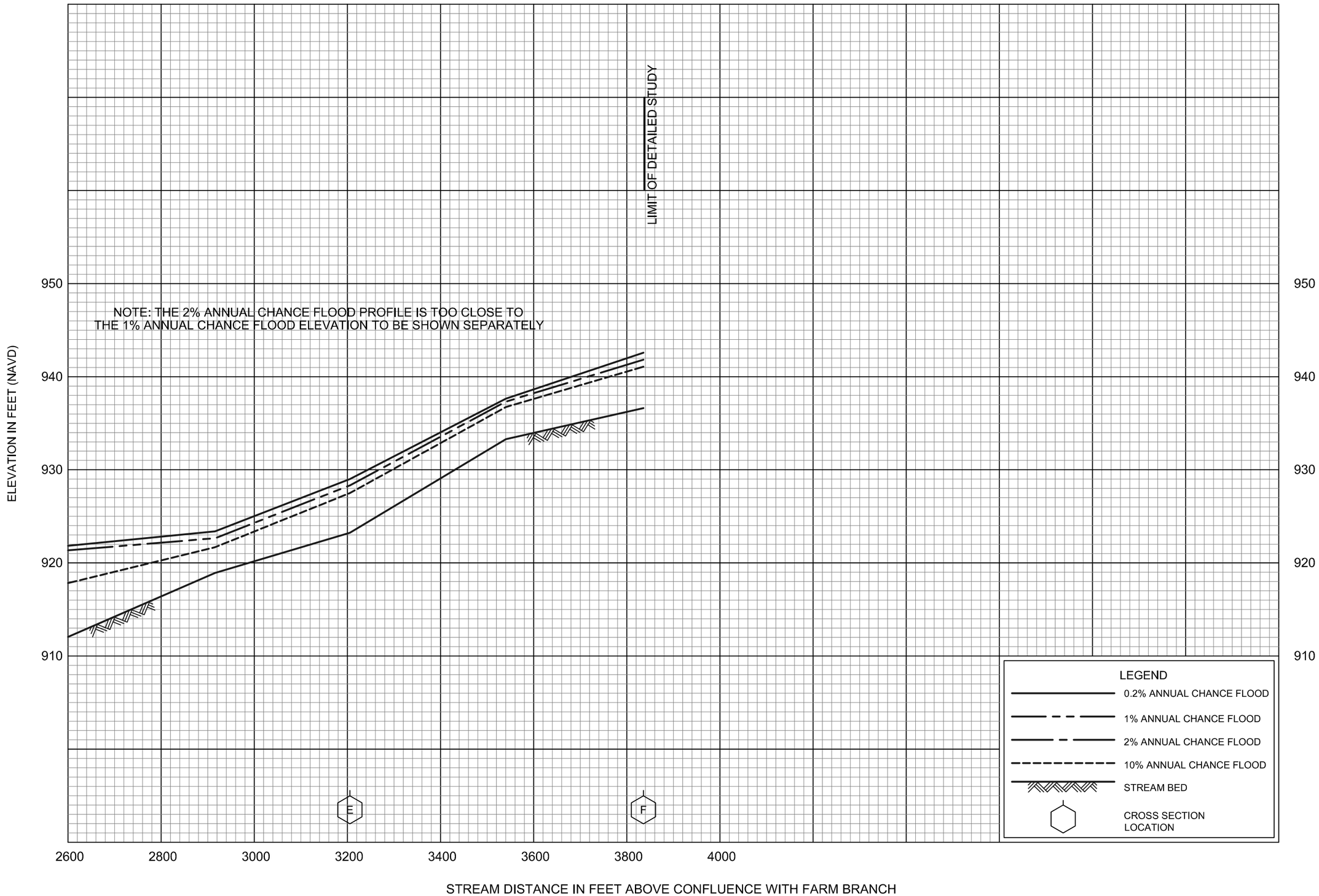
FLOOD PROFILES

FARM BRANCH TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



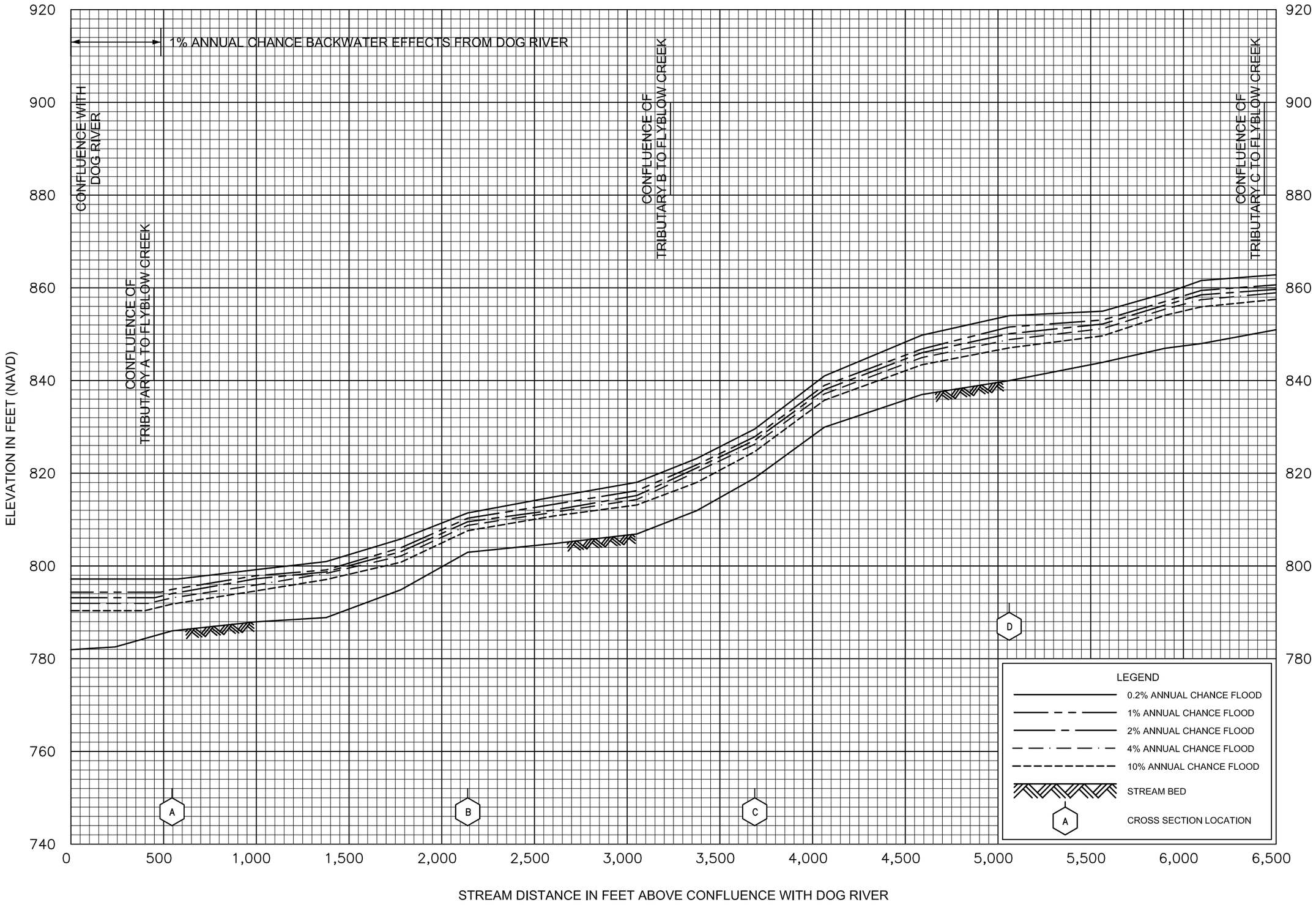
FLOOD PROFILES

FARM BRANCH TRIBUTARY A

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

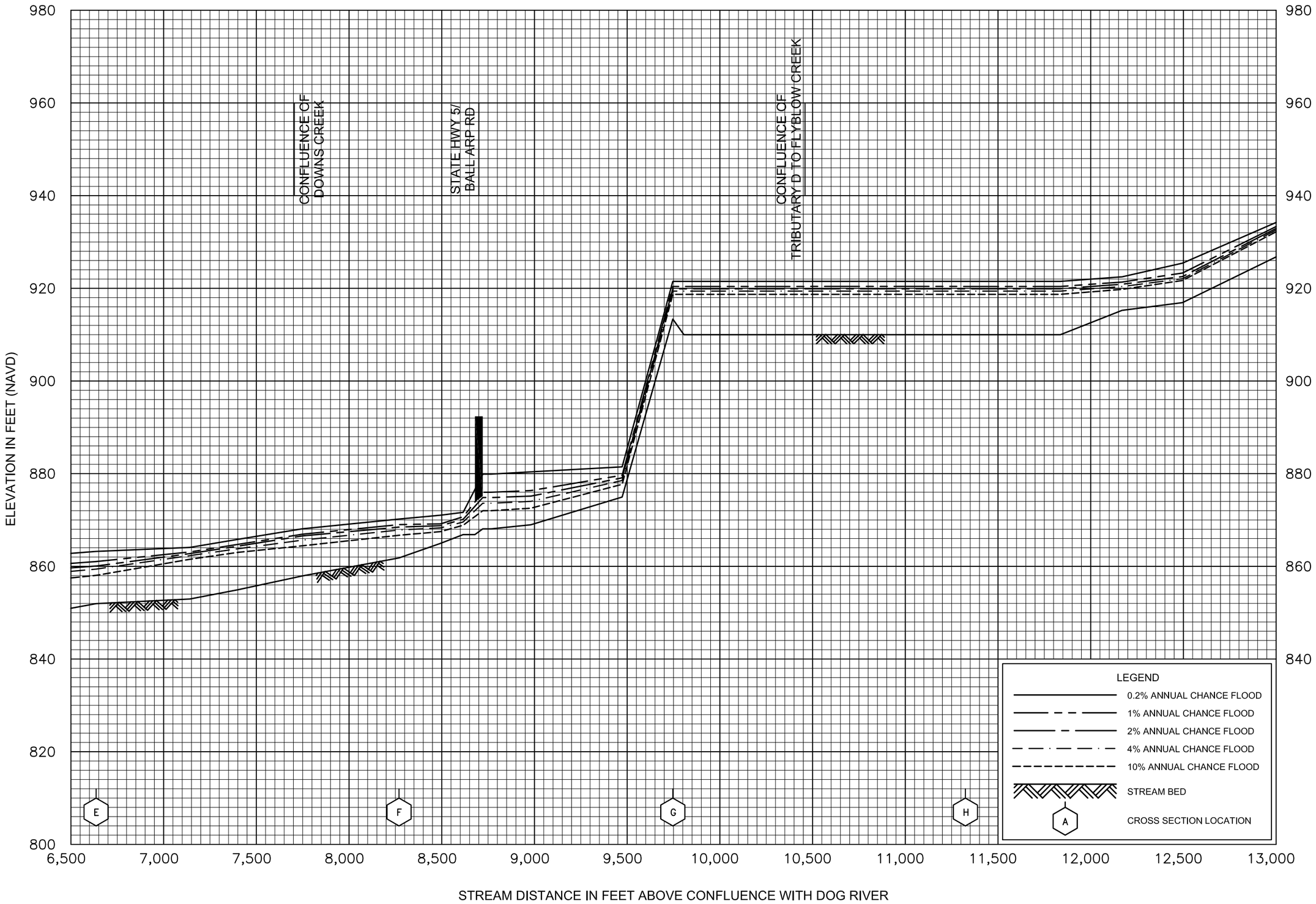


FLOOD PROFILES

FLYBLOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS



FLOOD PROFILES

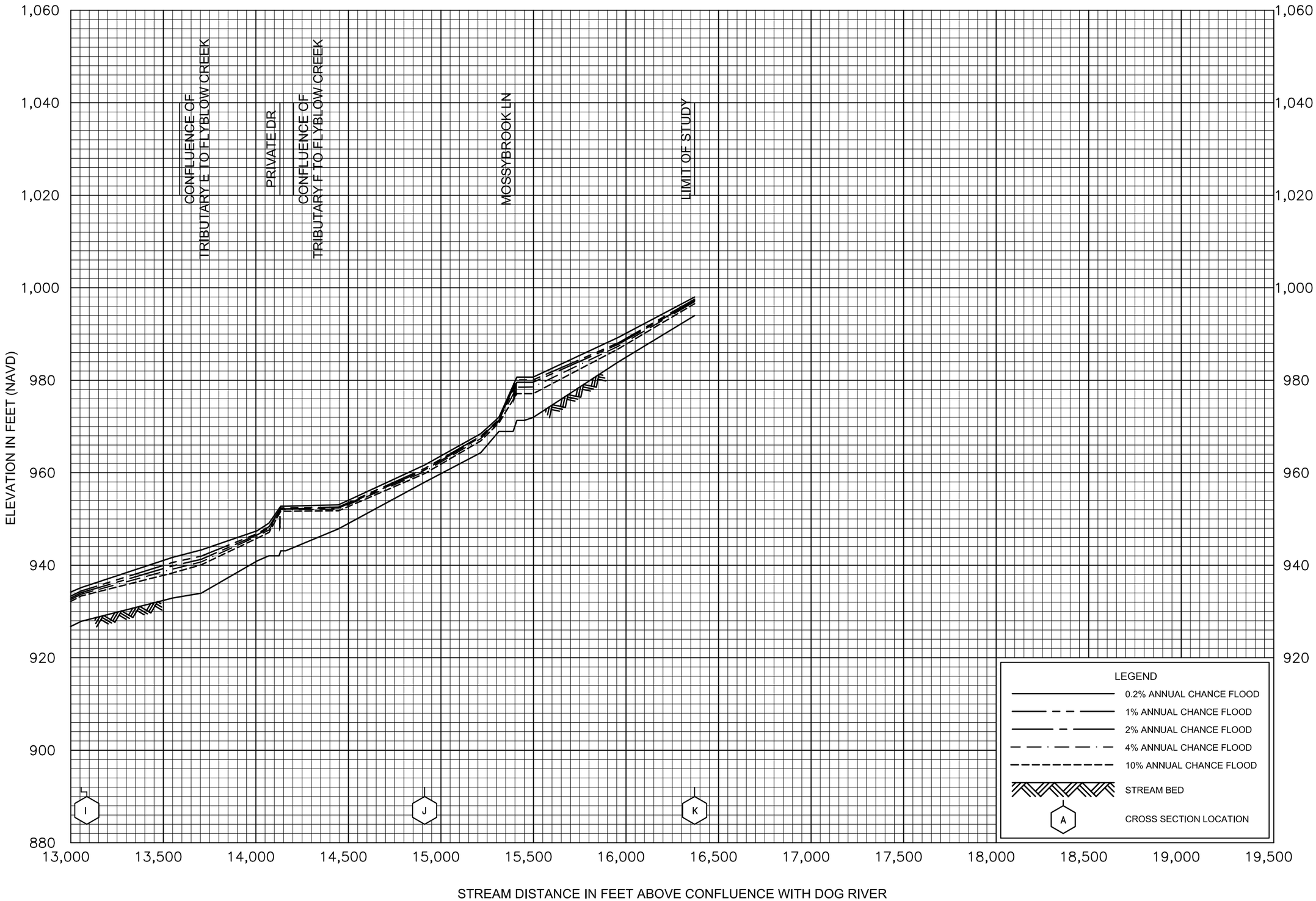
FLYBLOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

157bP



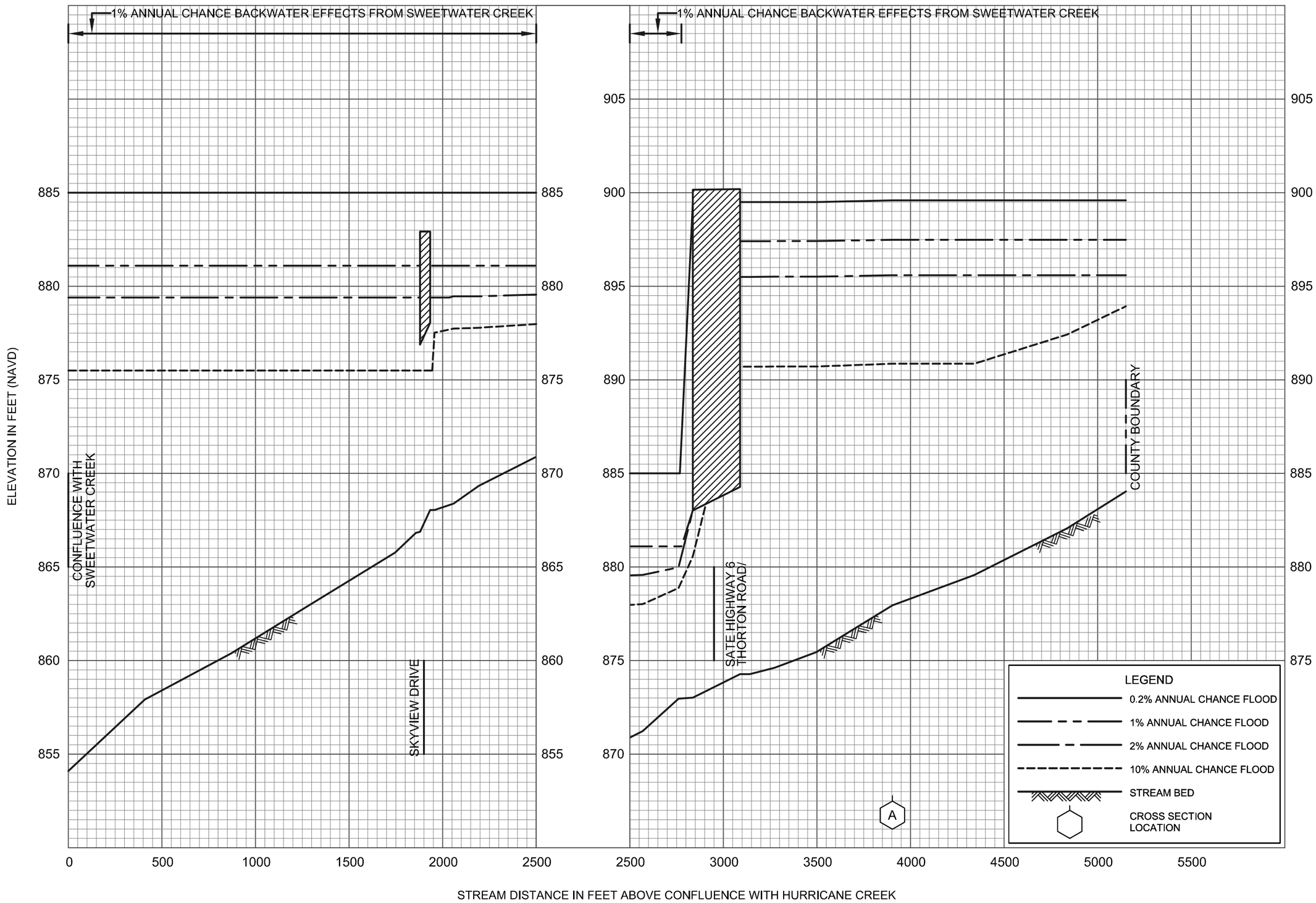
FLOOD PROFILES

FLYBLOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS

157cP



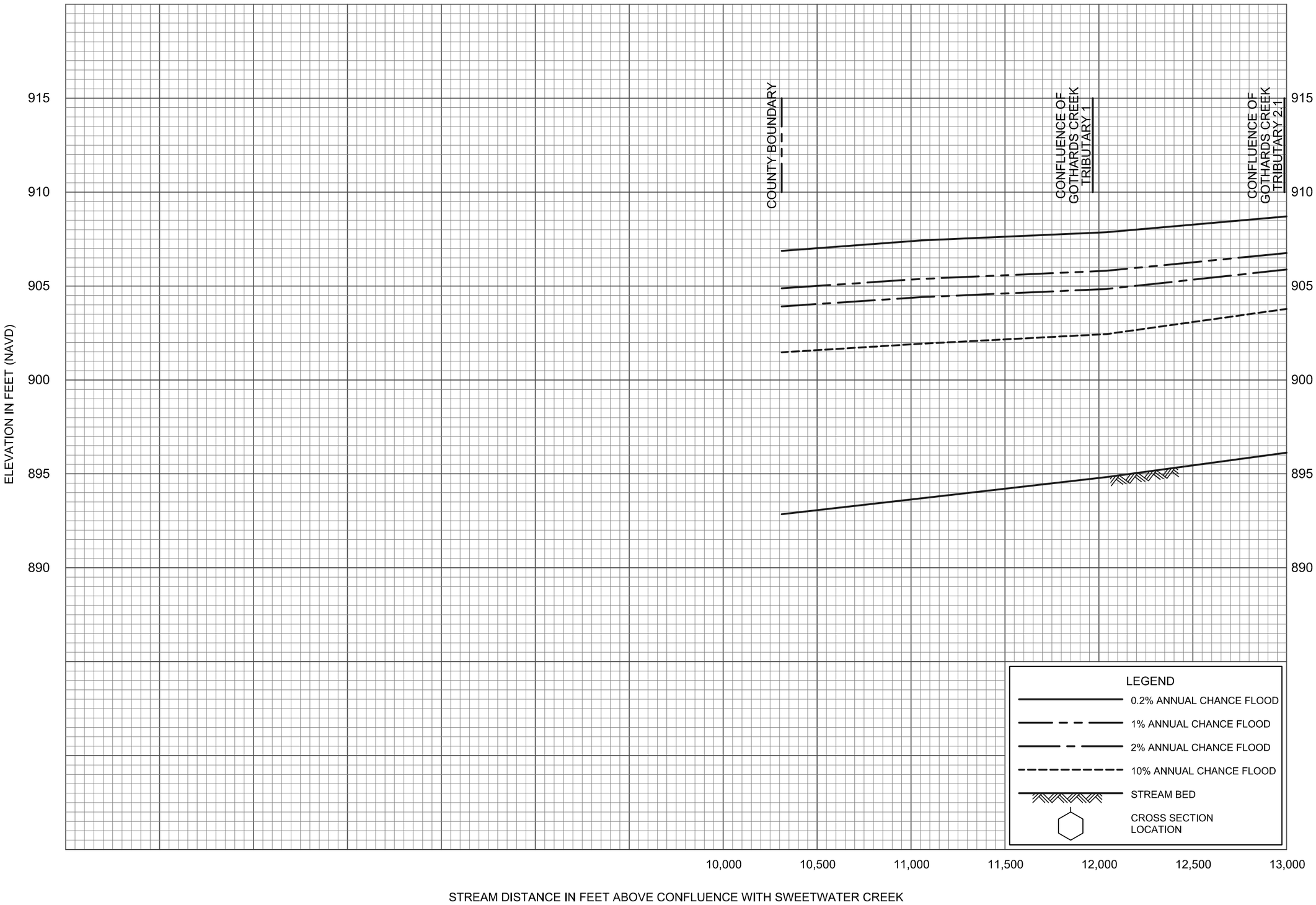
FLOOD PROFILES

GORDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



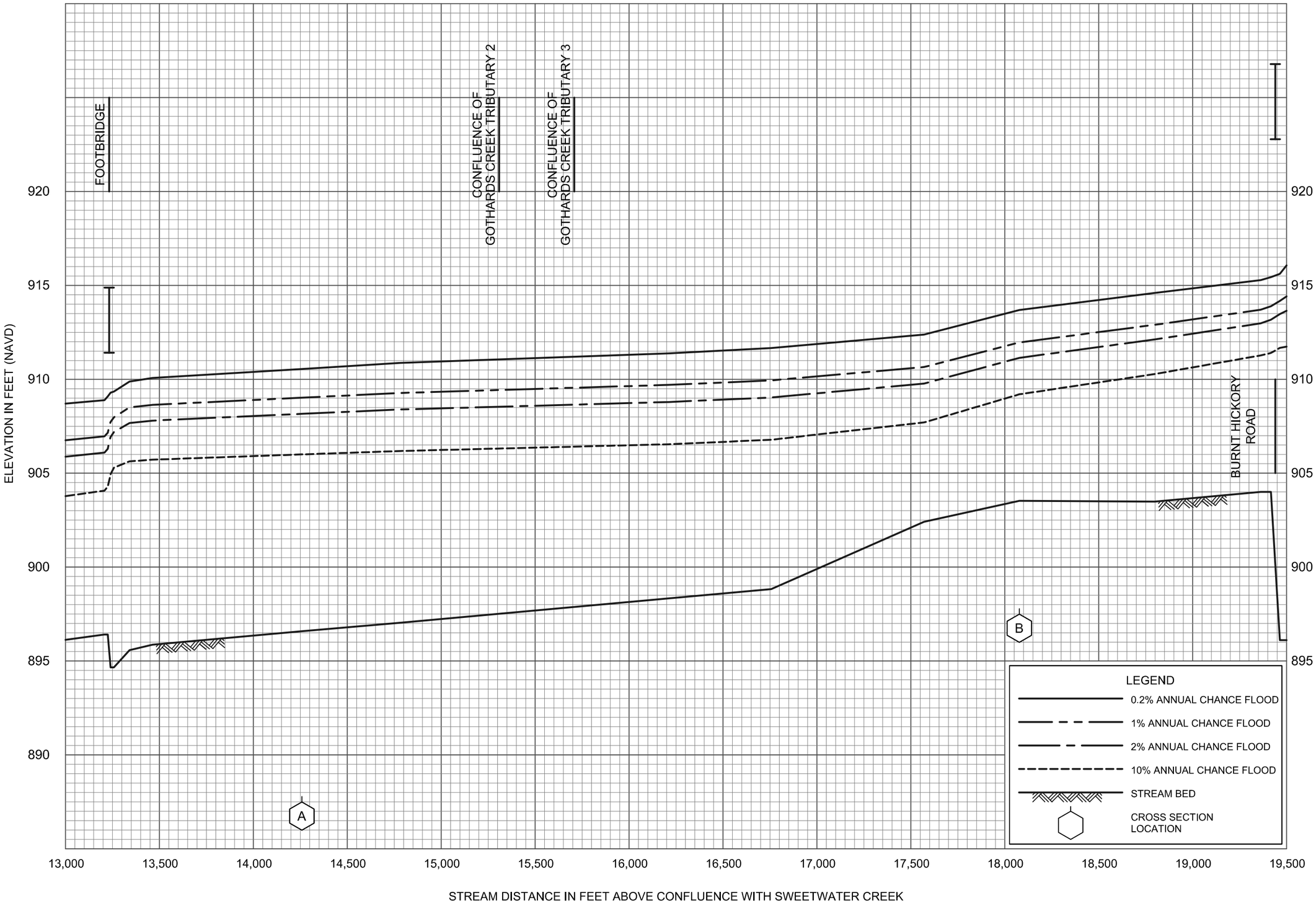
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



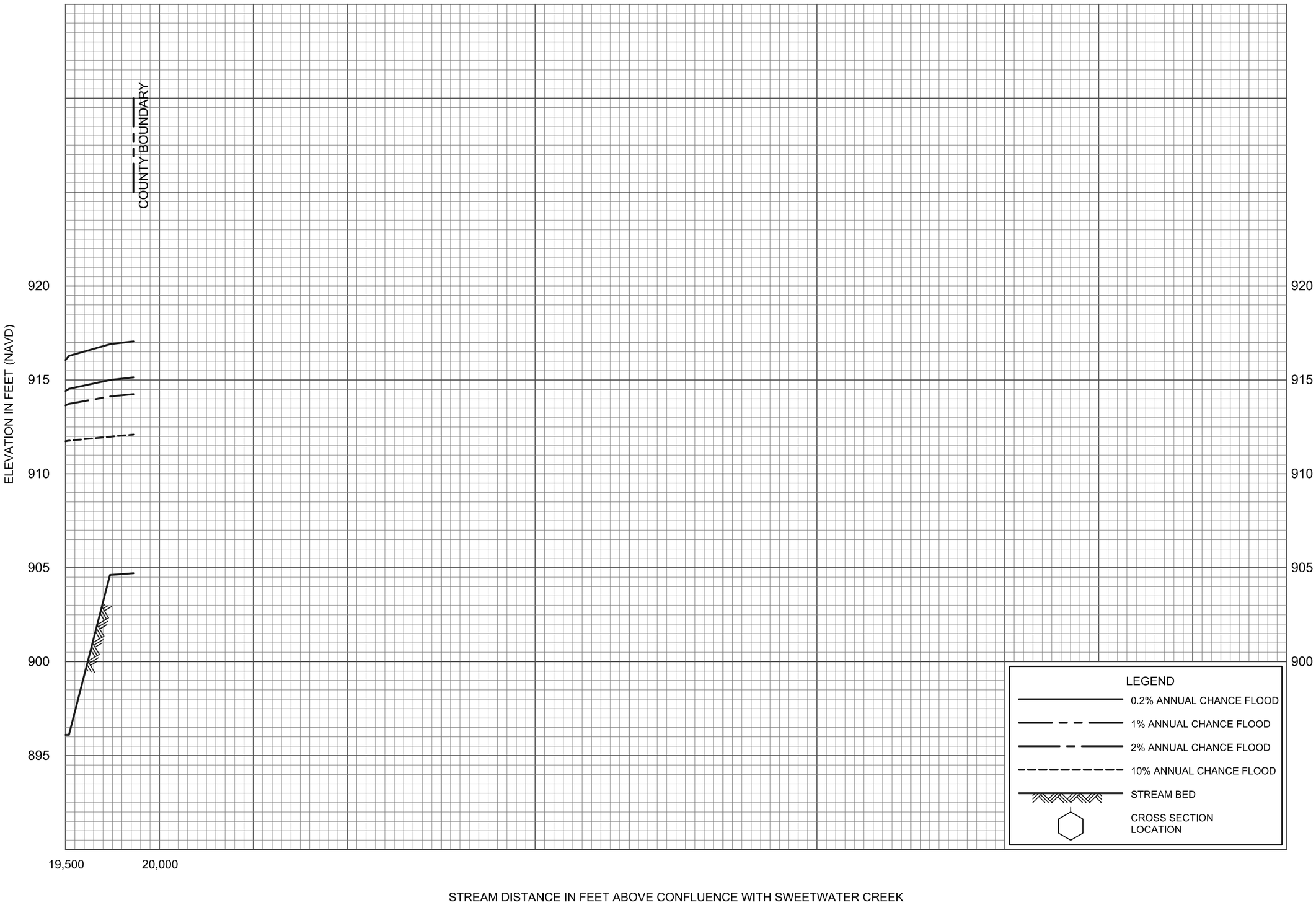
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



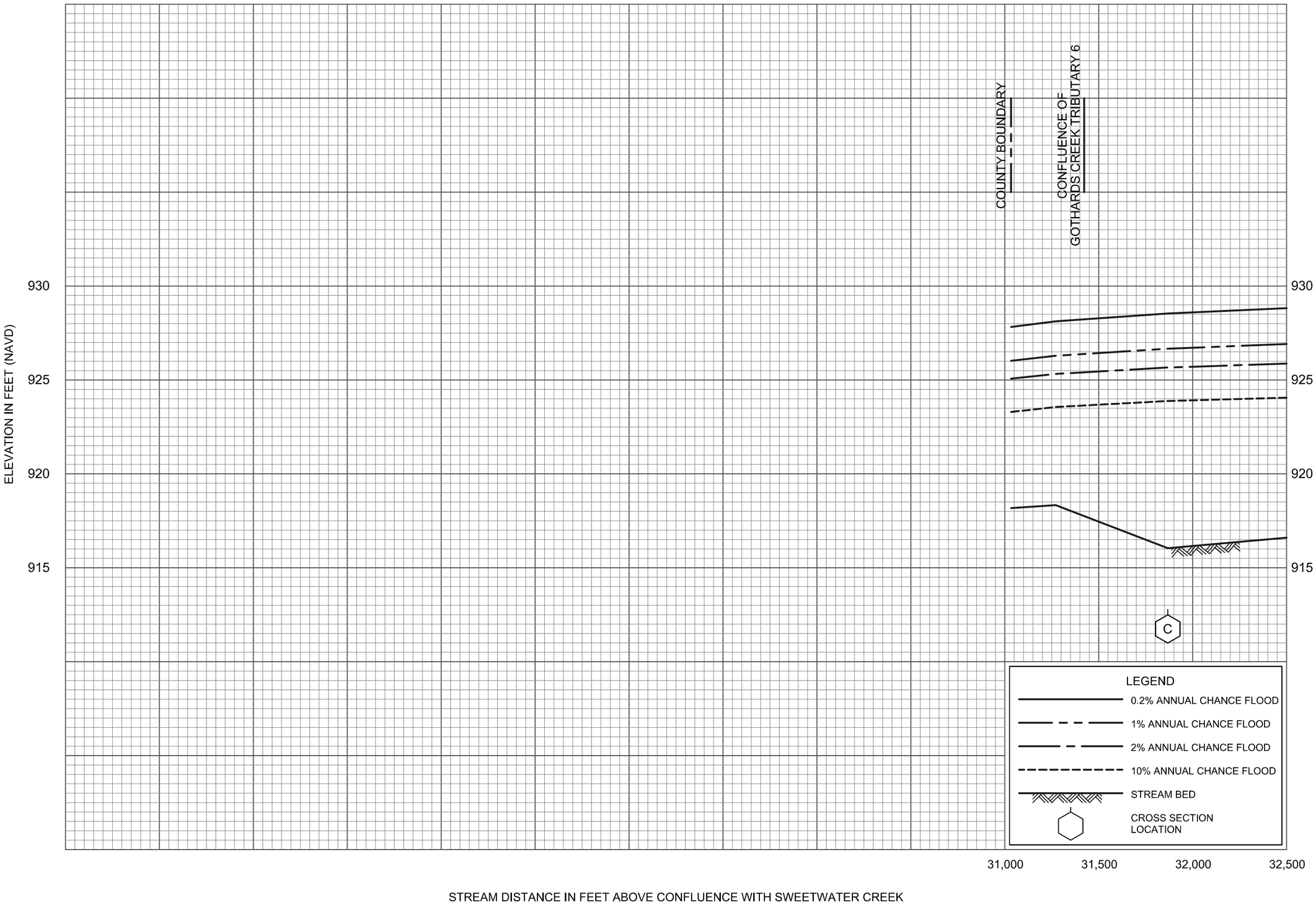
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



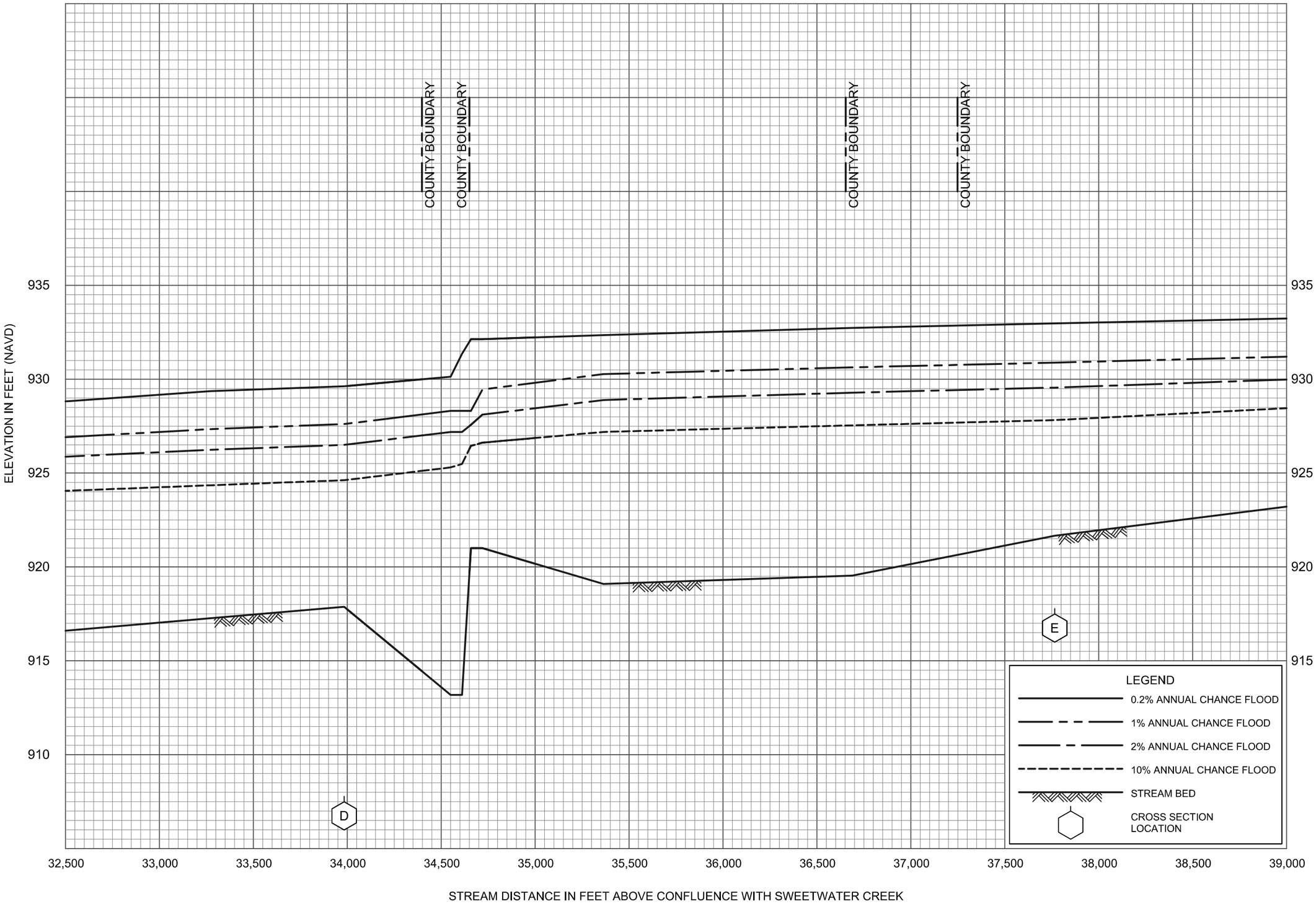
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



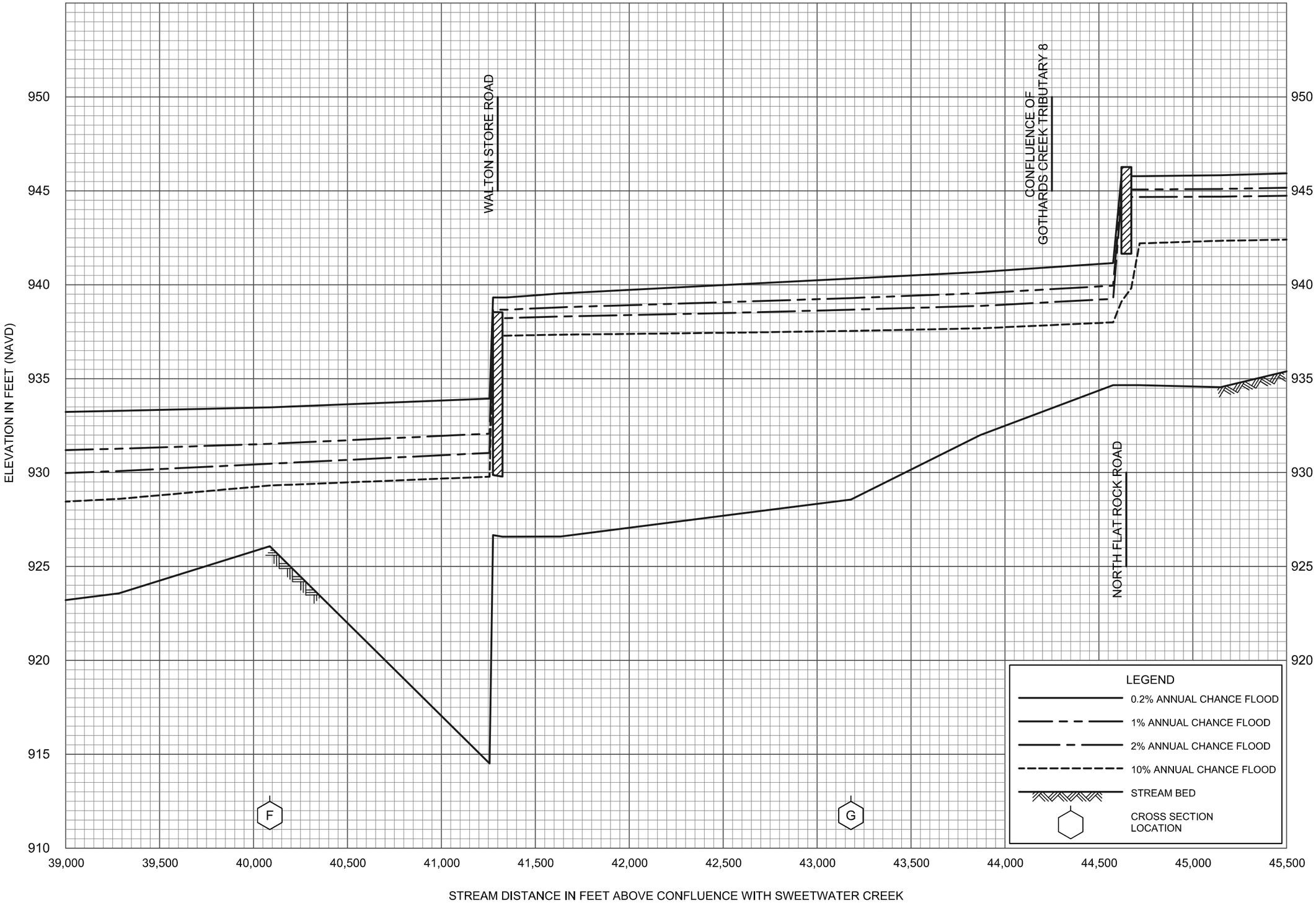
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



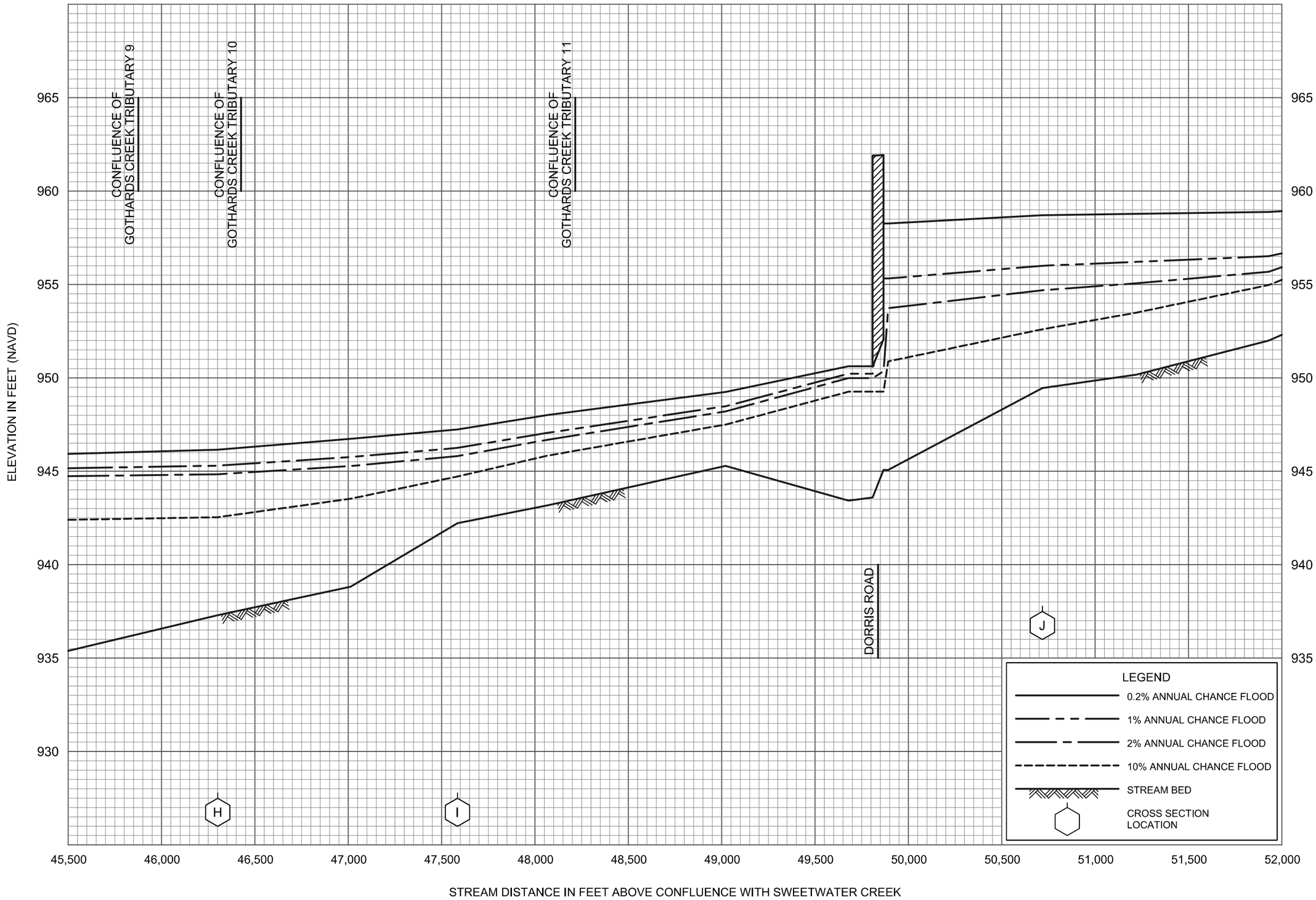
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



FLOOD PROFILES

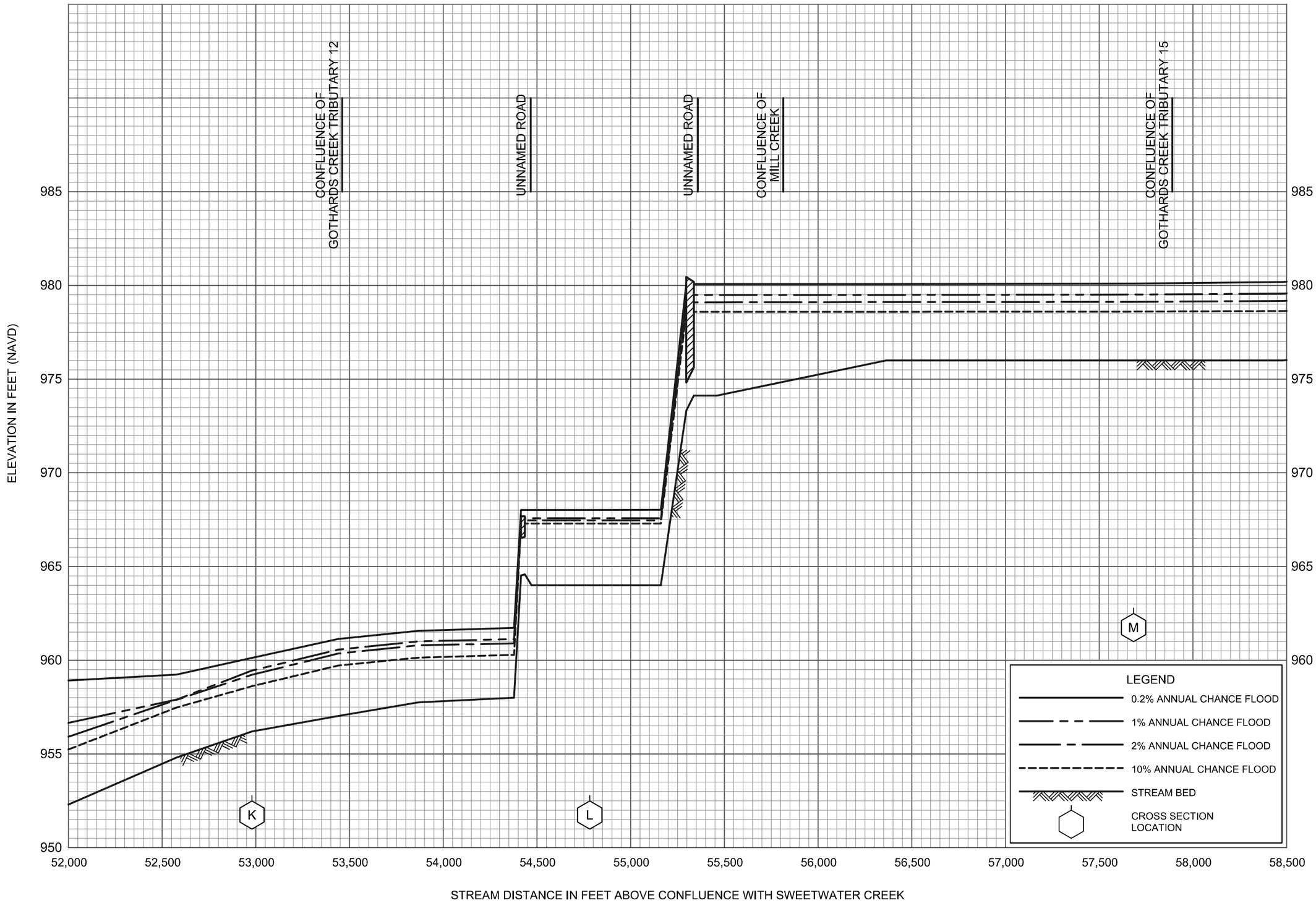
GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

165P



FLOOD PROFILES

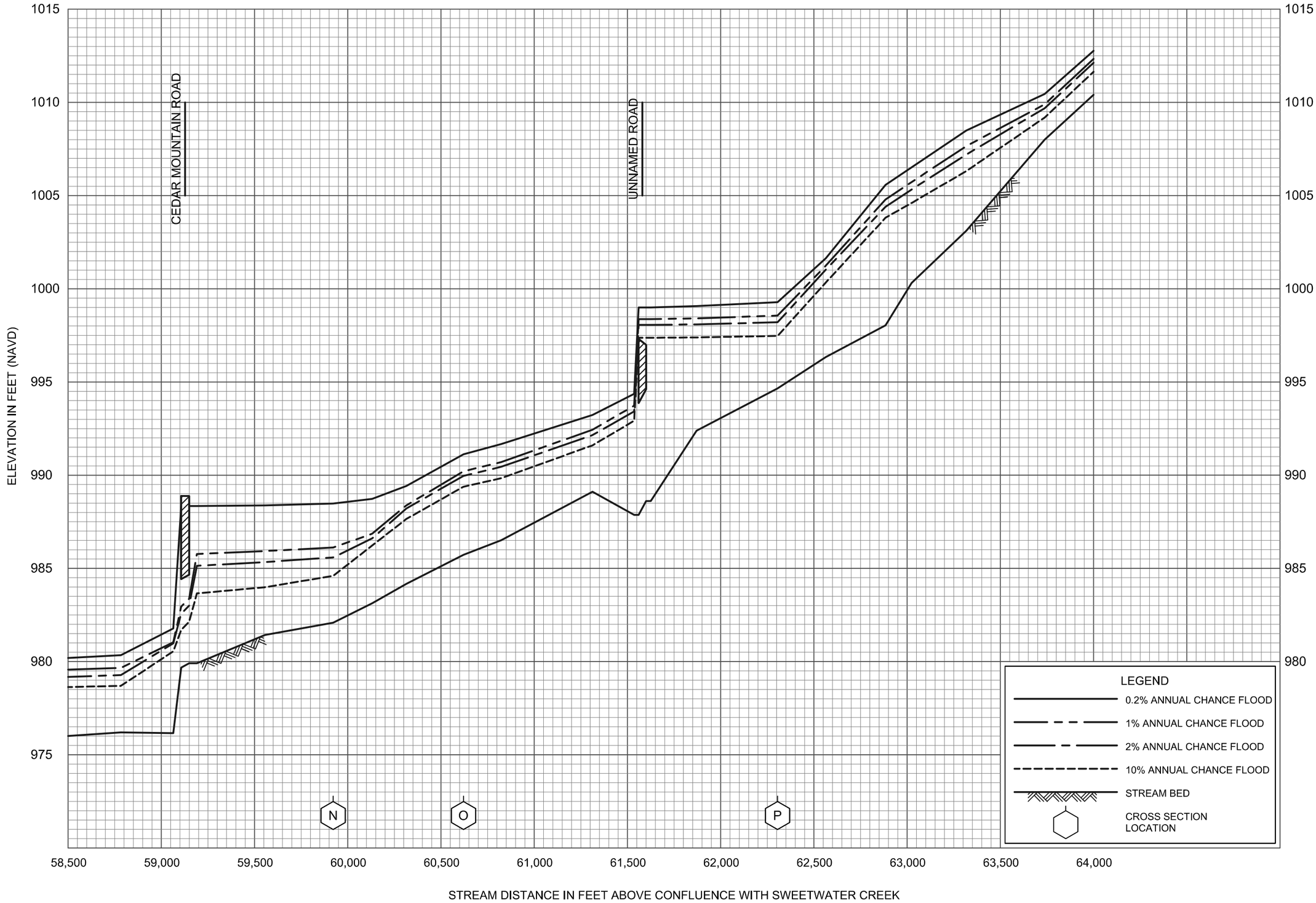
GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

166P



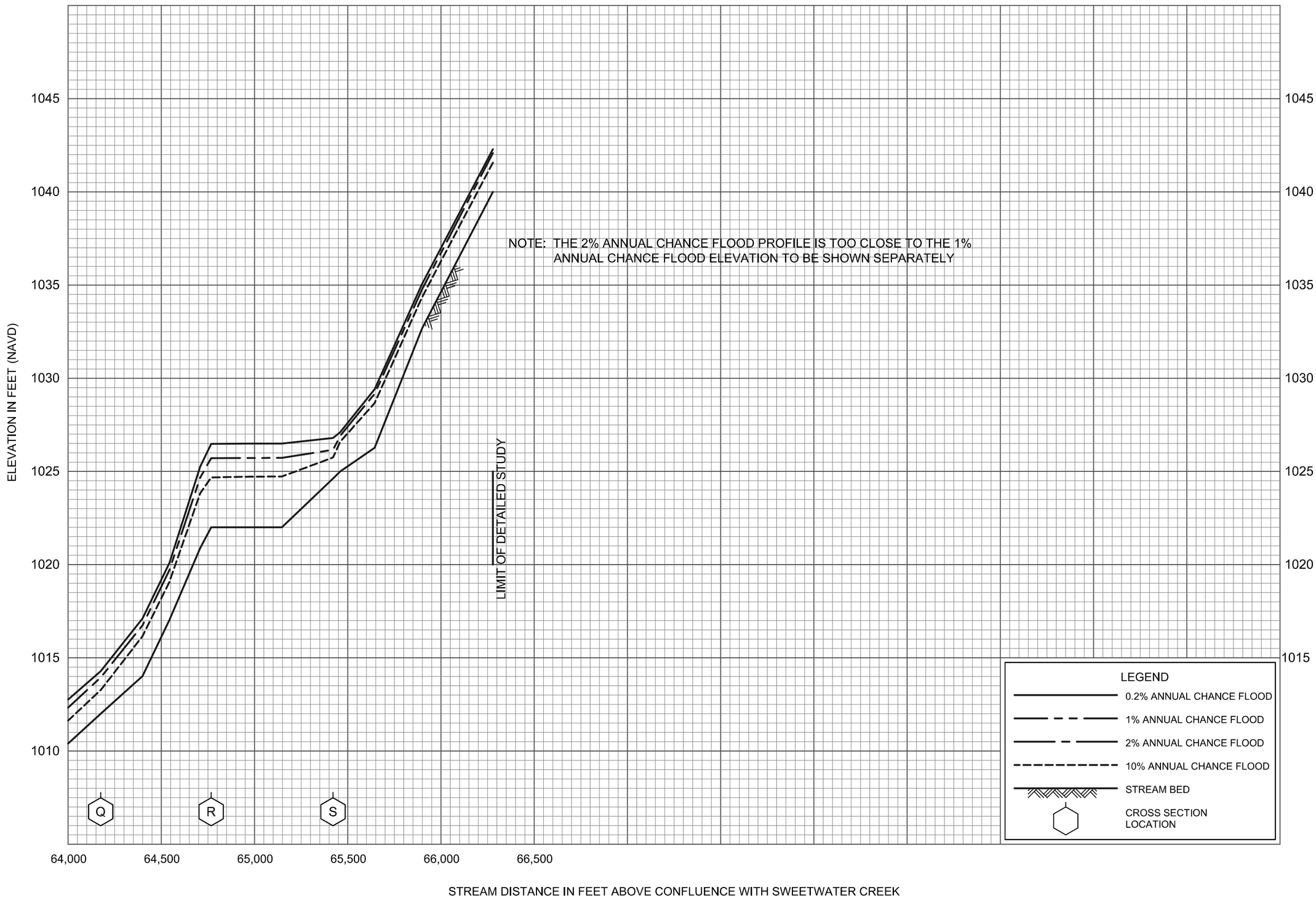
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



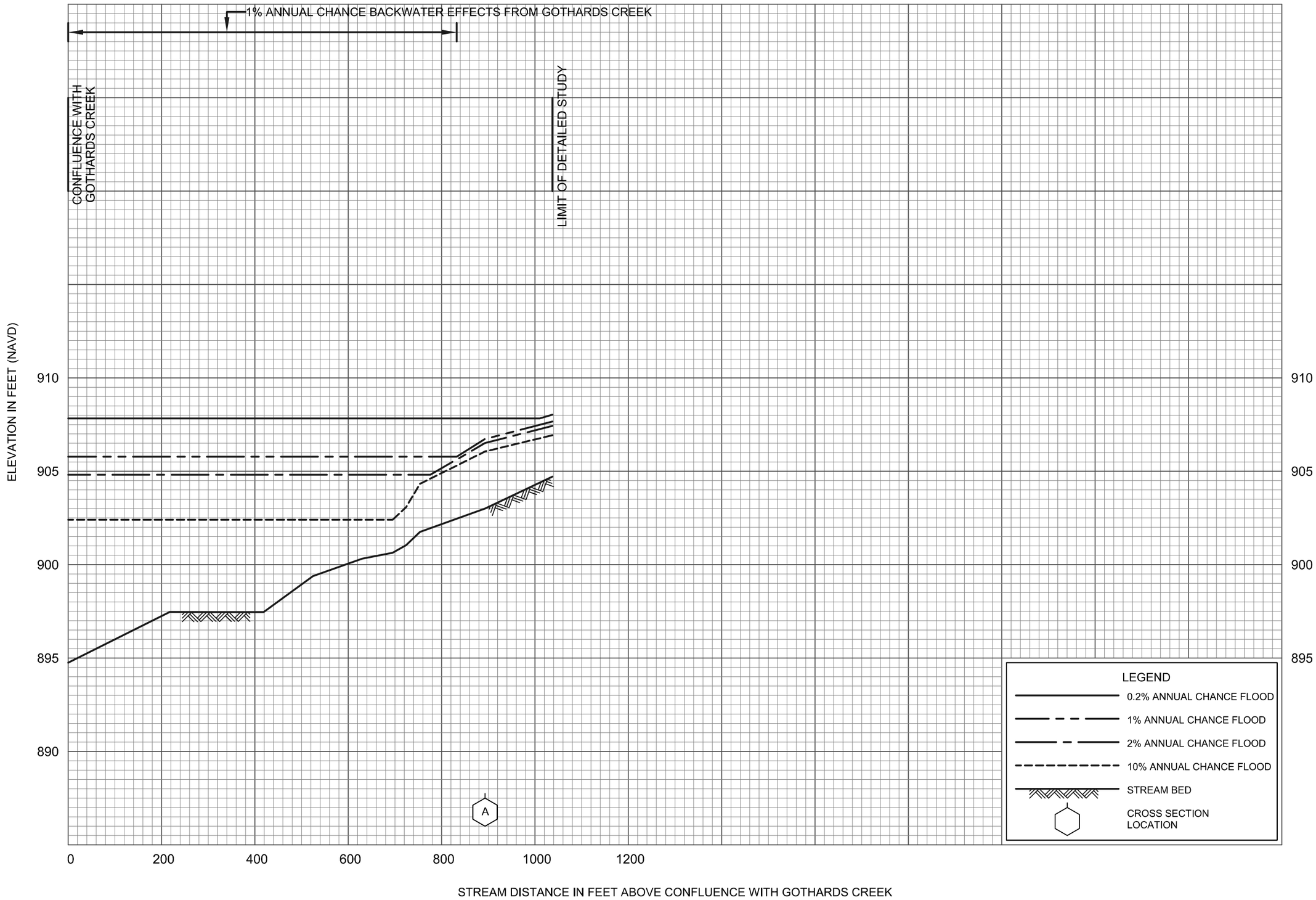
FLOOD PROFILES

GOTHARDS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



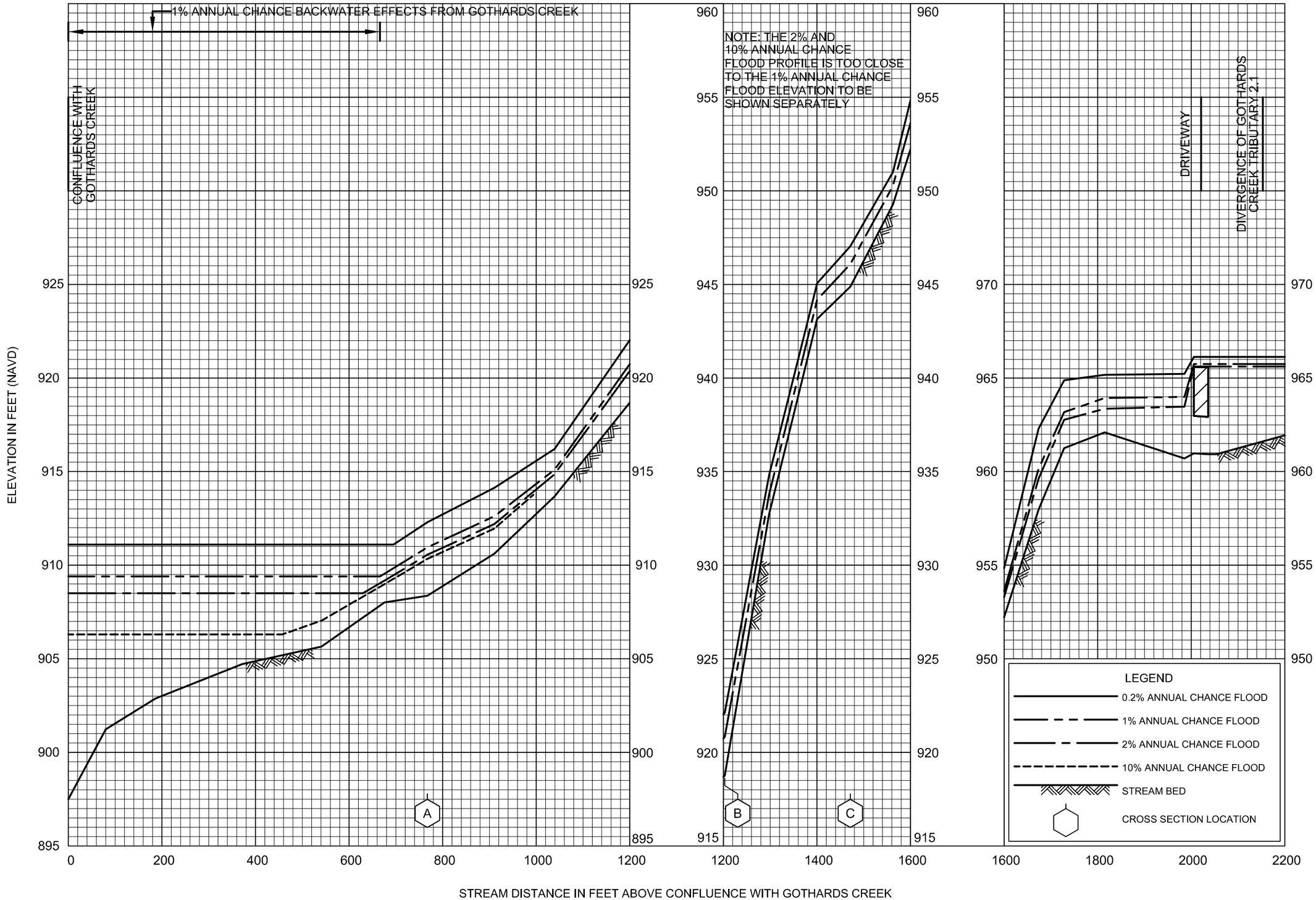
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



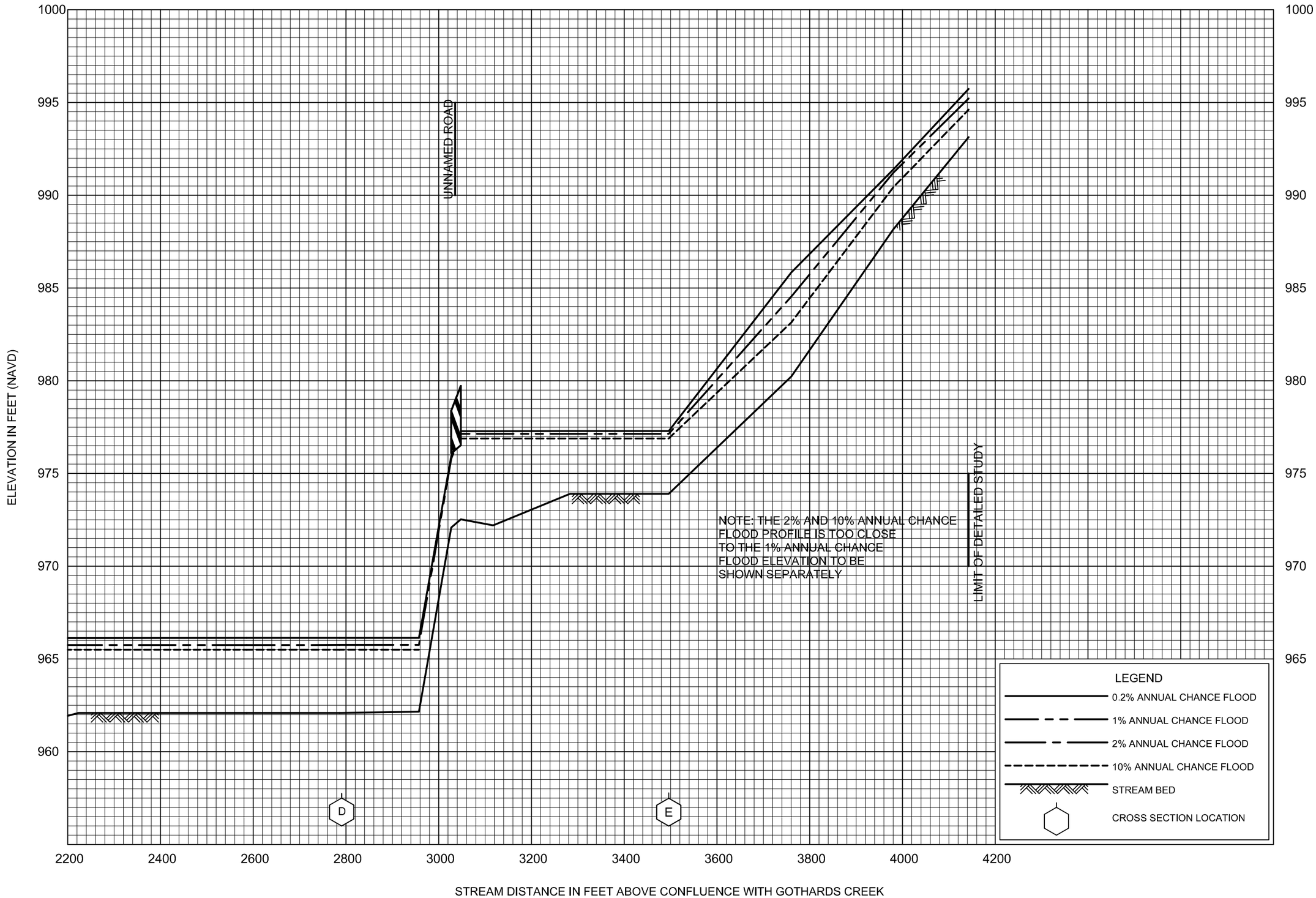
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



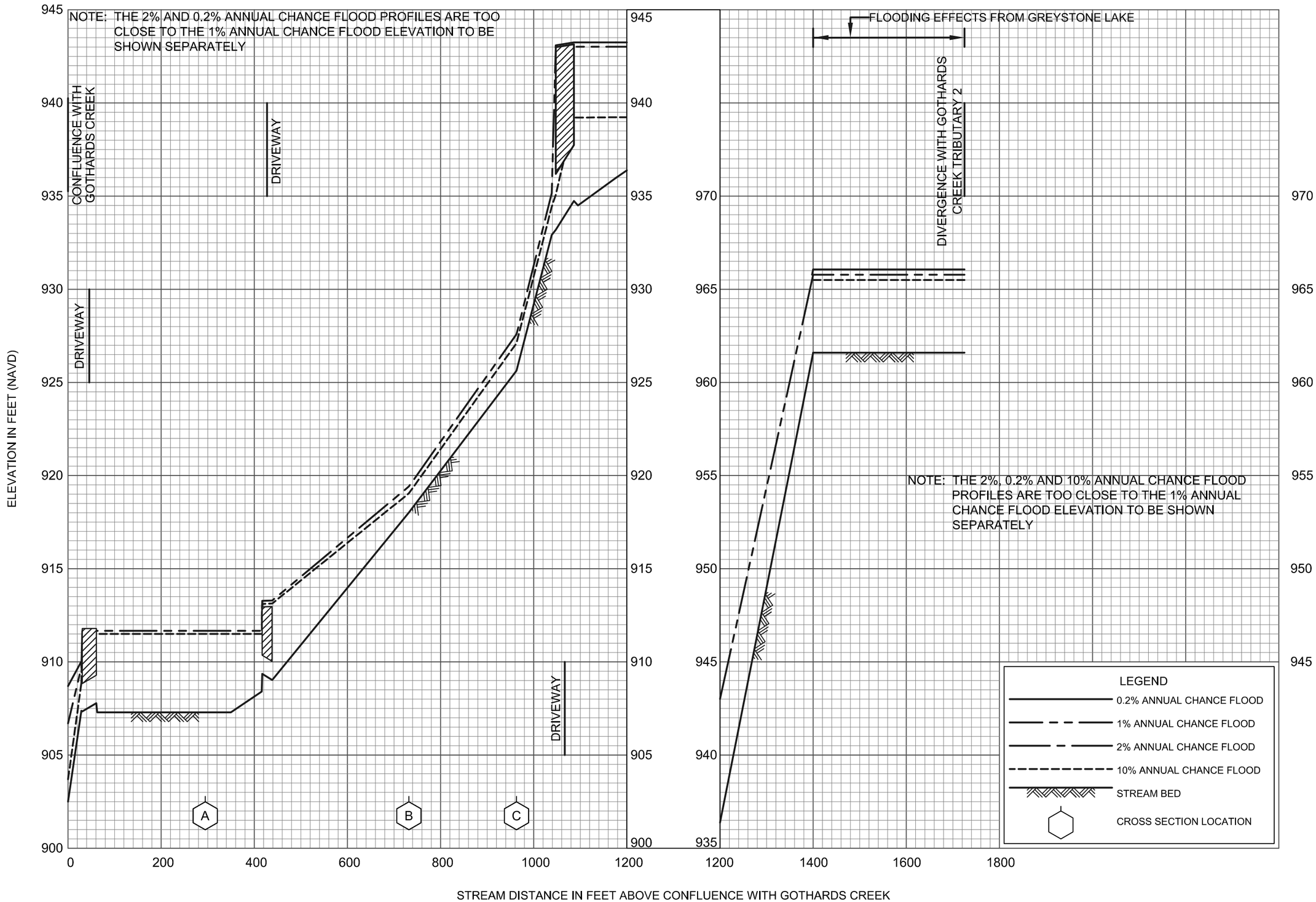
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



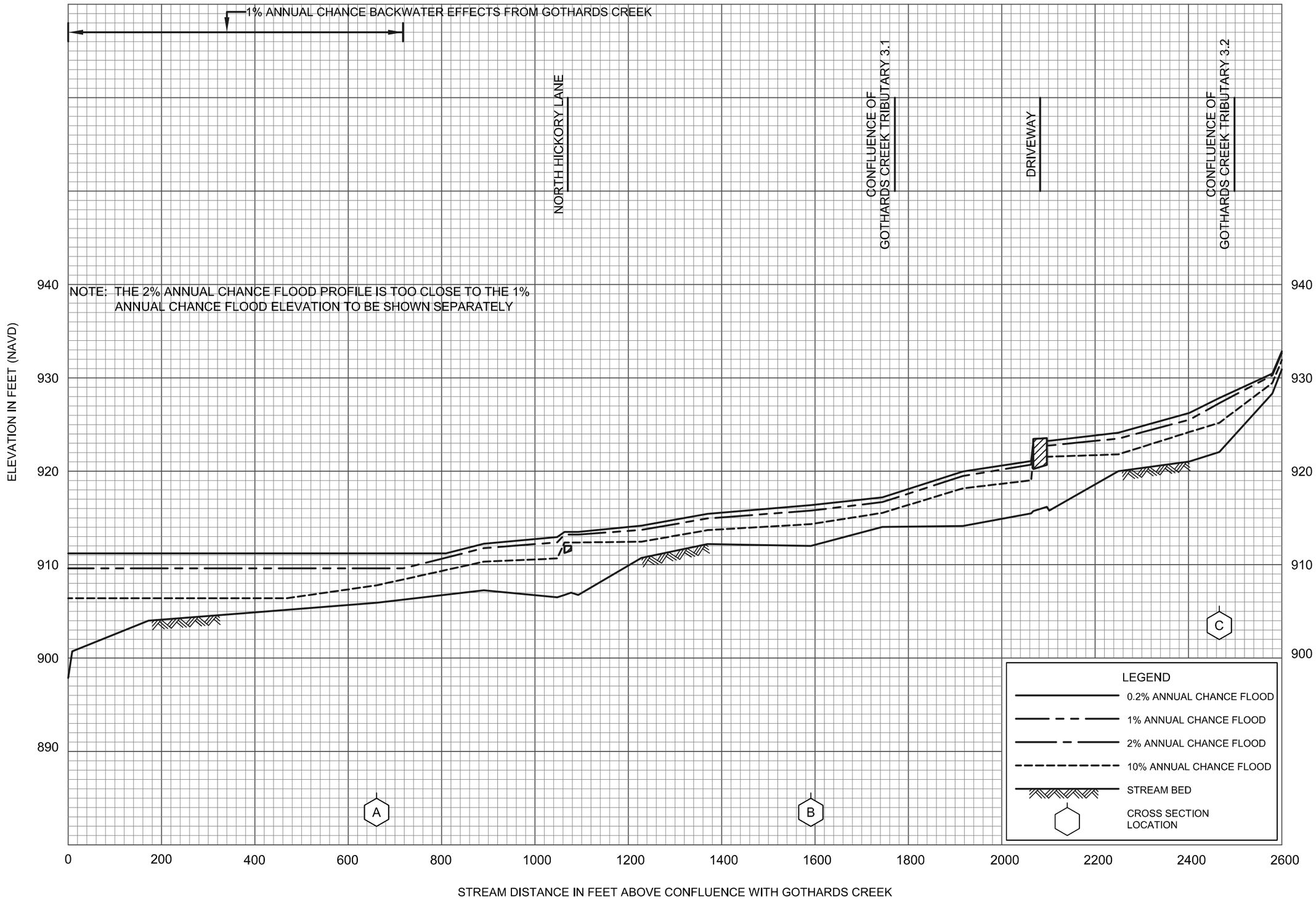
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 2.1

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



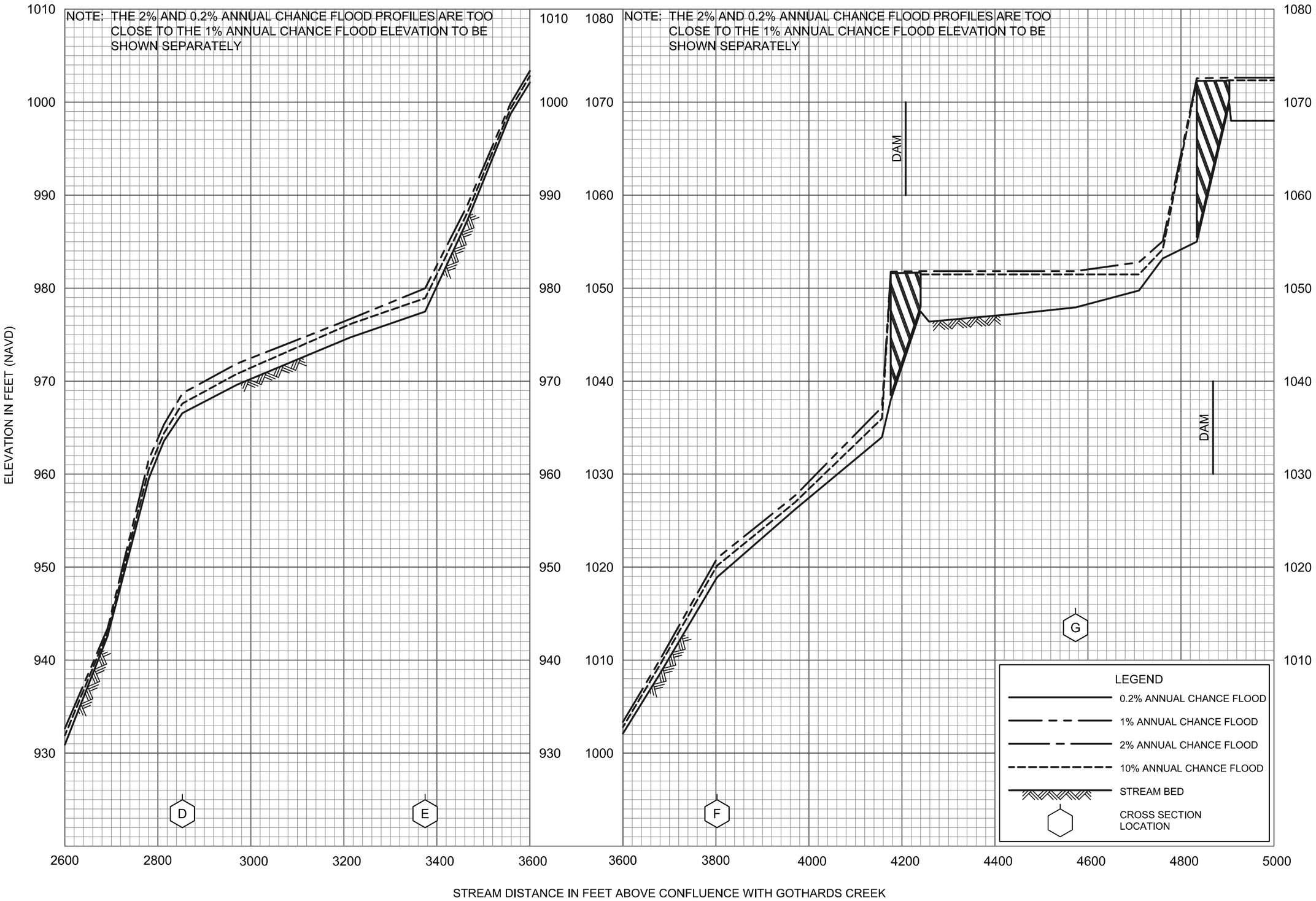
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



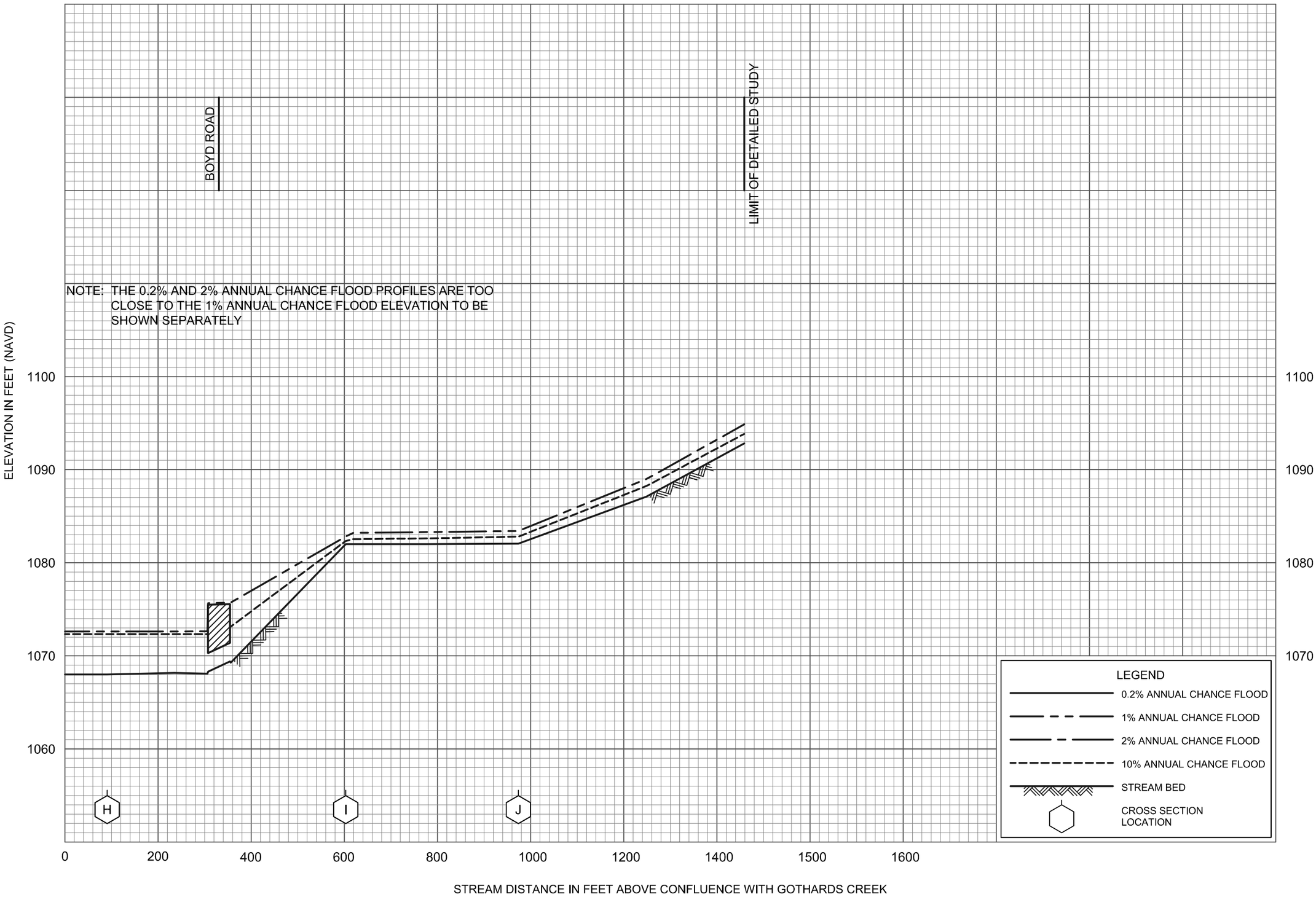
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



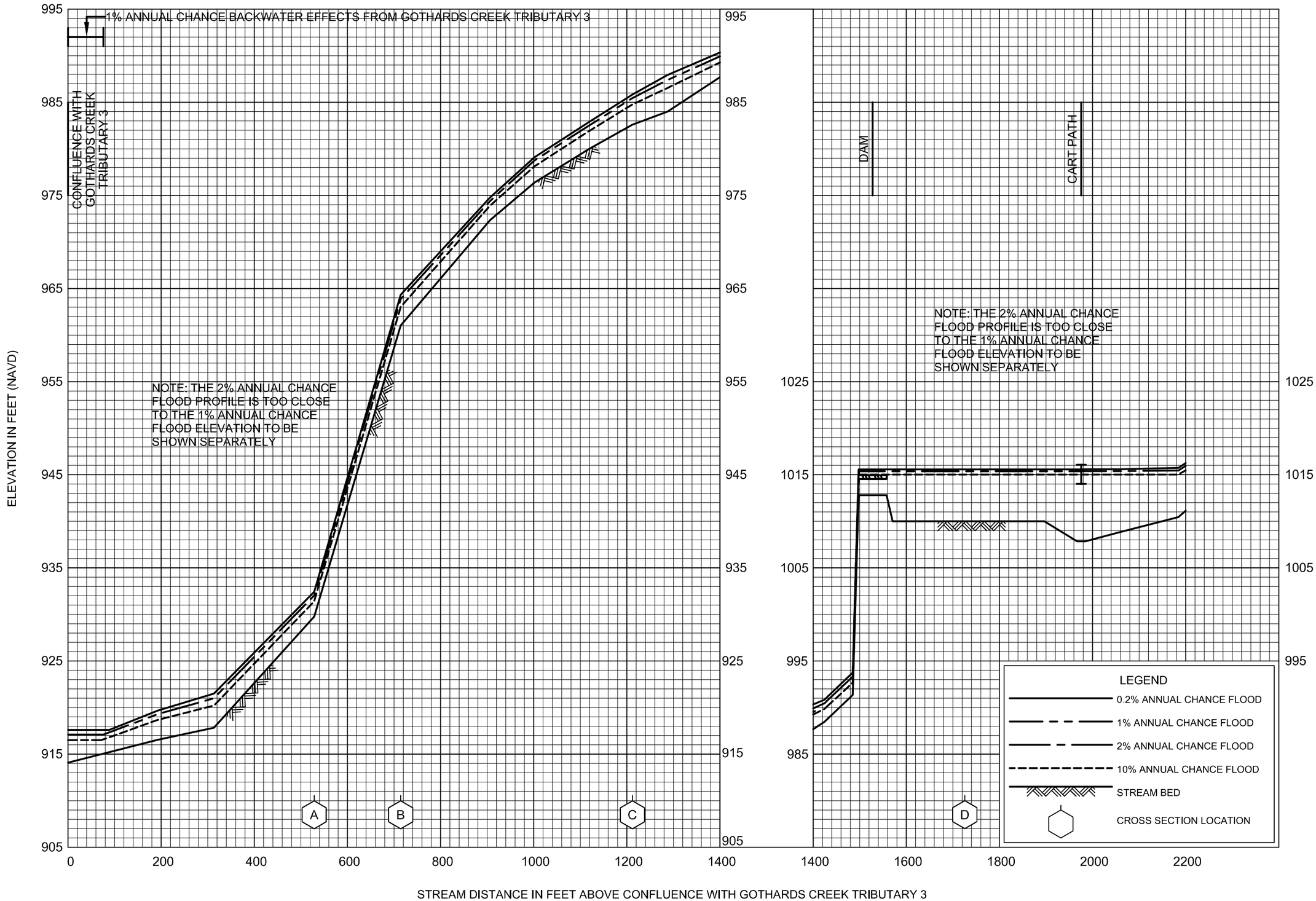
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



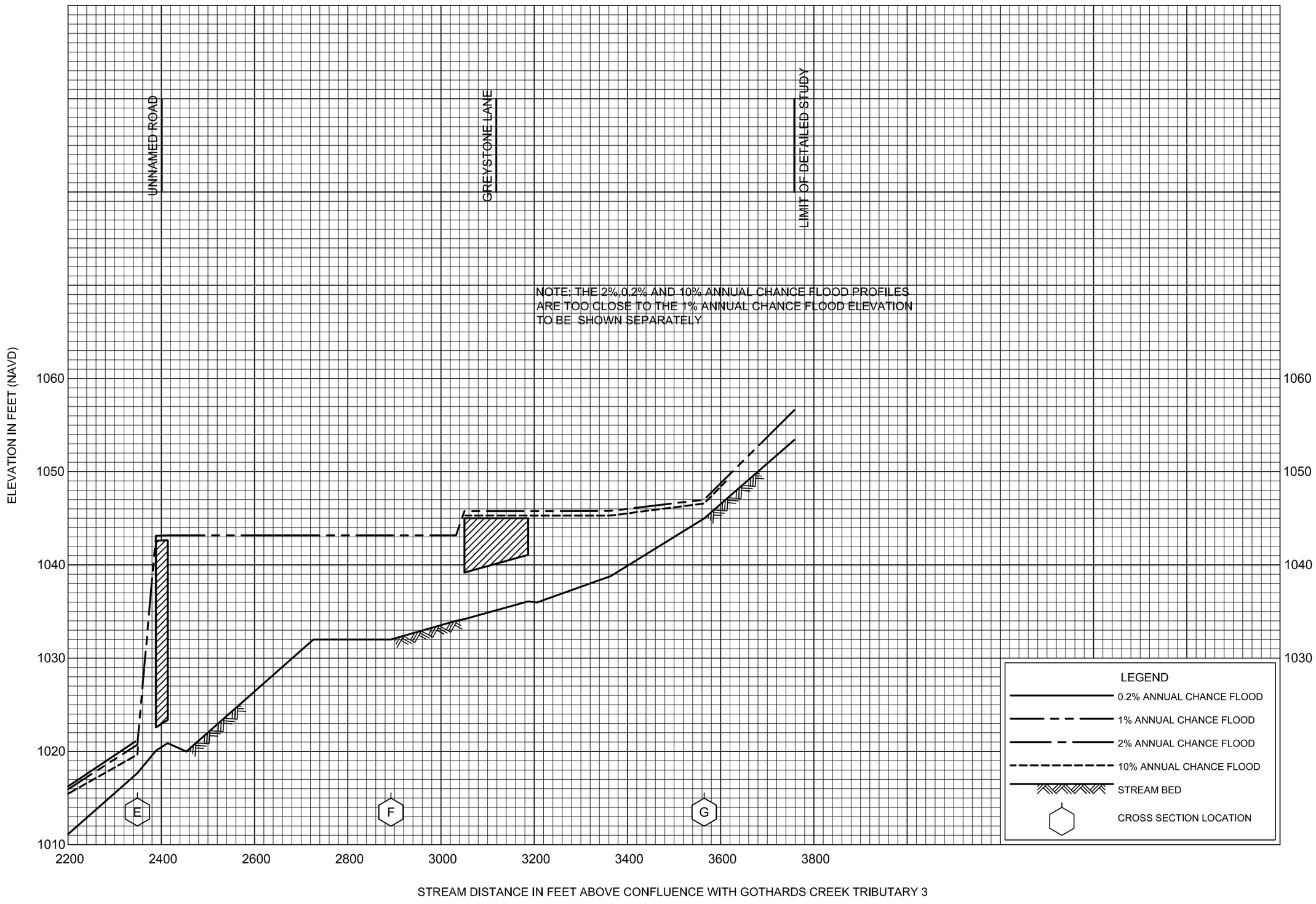
FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 3.1

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS



FLOOD PROFILES

GOTHARDS CREEK TRIBUTARY 3.1

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA
AND INCORPORATED AREAS