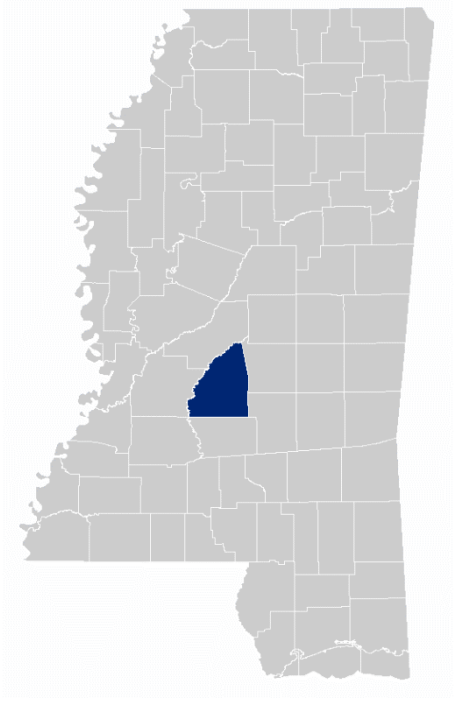
FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 3



RANKIN COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BRANDON, CITY OF	280143
FLORENCE, CITY OF	280144
FLOWOOD, CITY OF	280289
JACKSON, CITY OF	280072
PEARL, CITY OF	280145
PEARL RIVER VALLEY WATER SUPPLY DISTRICT	280338
PELAHATCHIE, TOWN OF	280146
PUCKETT, TOWNSHIP OF	280147
RANKIN COUNTY, UNINCORPORATED AREAS	280142
RICHLAND, CITY OF	280299

FEMA

REVISED PRELIMINARY 11/18/2020

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER

28121CV002C

Version Number 2.3.3.3

TABLE OF CONTENTS
Volume 1 – TBD

Volume 1 (continued) – TBD

Figures

Tables

Volume 2 – TBD

Tables

Exhibits

Volume 2 (continued) – TBD

Exhibits

Volume 3 – TBD

Exhibits

Published Separately

Flood Insurance Rate Map (FIRM)

Table 23: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BUTLER CREEK								
A	658	250	1,898	3.6	296.2	292.7[2]	292.7	0.0
B	1,617	243	1,292	4.8	298.7	296.4[2]	296.4	0.0
C	2,188	300	2,528	3.4	298.7	296.8[2]	297.0	0.2
D	3,679	825	5,064	2.1	298.7	297.4[2]	298.3	0.9
E	4,767	400	2,341	3.7	298.7	297.6[2]	298.5	0.9
F	5,559	446	1,439	6.1	299.6	299.6	300.1	0.5
G	6,284	707	2,719	2.9	302.0	302.0	302.9	0.9
H	6,952	535	2,319	1.9	302.4	302.4	303.3	0.9
I	8,391	375	1,251	4.5	303.2	303.2	304.2	1.0
J	9,915	174	740	5.0	308.9	308.9	309.5	0.6
K	12,758	319	1,829	1.5	312.2	312.2	313.1	0.9
L	17,094	258	1,432	1.9	315.1	315.1	316.1	1.0
M	20,647	152	720	3.2	319.2	319.2	319.8	0.6
N	24,451	110	504	4.2	328.1	328.1	328.8	0.7

[1] STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH STEEN CREEK
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM STEEN CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

BUTLER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CLARK CREEK								
A	450	3,799[2]	3,919	1.4	309.3	303.5[3]	304.5	1.0
B	5,950	988	4,862	1.1	311.4	306.8[3]	307.8	1.0
C	10,800	982	4,821	1.1	312.7	309.5[3]	310.5	1.0
D	15,995	850	4,346	1.2	314.0	312.6[3]	313.6	1.0
E	17,790	525	2,660	1.5	315.0	315.0	315.2	0.2
F	20,490	567	2,102	1.9	316.4	316.4	317.4	1.0
G	25,650	483	2,933	1.3	324.7	324.7	325.5	0.8
H	31,400	623	3,599	1.0	326.6	326.6	327.6	1.0
I	36,150	500	1,320	2.2	332.4	332.4	332.8	0.4
J	40,100	500	1,807	1.6	335.2	335.2	336.2	1.0
K	42,100	400	729	3.8	339.0	339.0	339.0	0.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK (LOWER REACH)
[2] COMBINED FLOODWAY WIDTH OF PELAHATCHIE CREEK (LOWER REACH) AND CLARK CREEK
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF OVERFLOW EFFECTS FROM PELAHATCHIE CREEK (LOWER REACH)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

CLARK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CLARK CREEK TRIBUTARY								
A	1,050	320	889	1.8	314.0	310.5[2]	311.4	0.9
B	2,120	320	1,503	1.1	314.8	314.8	315.6	0.8
C	5,800	187	439	2.7	320.5	320.5	320.5	0.0
D	9,880	267	1,199	1.0	327.6	327.6	328.6	1.0
E	13,500	111	461	2.2	332.3	332.3	333.0	0.7

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

CLARK CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CONWAY SLOUGH								
A	3,564	70	461	10.7	262.5	254.4[2]	254.4	0.0
B	5,669	140	1,003	5.1	262.5	261.1[2]	262.0	0.9
C	5,804	95	732	6.7	262.5	261.5[2]	262.3	0.8
D	6,762	182	1,324	5.0	263.6	263.6	264.1	0.5
E	8,147	156	979	3.7	264.1	264.1	265.1	1.0
F	9,270	236	1,502	2.2	266.3	266.3	267.0	0.7
G	12,310	199	1,647	1.5	269.0	269.0	270.0	1.0

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

CONWAY SLOUGH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CONWAY SLOUGH TRIBUTARY 1								
A	954	60	259	3.3	269.0	265.1[2]	265.1	0.0
B	2,899	303	1,312	1.4	270.0	270.0	270.8	0.8
C	5,488	260	690	0.1	273.4	273.4	274.4	1.0
D	6,600	75	149	1.6	274.5	274.5	274.9	0.4
E	7,707	50	151	7.2	282.5	282.5	283.1	0.6
F	8,893	31	140	5.8	291.2	291.2	291.5	0.3

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

CONWAY SLOUGH TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CONWAY SLOUGH TRIBUTARY 2								
A	1,230	27	89	10.5	269.6	266.2[3]	266.2	0.0
B	1,965	26	106	8.8	269.6	267.9[3]	267.9	0.0
C	2,610	61	236	4.0	269.6	269.2[3]	269.2	0.0
D	3,940	18	59	10.2	271.5	271.5	271.5	0.0
E	4,650	350	483	1.3	275.1	275.1	275.7	0.6
F	4,982	600[2]	412	1.5	276.4	276.4	277.3	0.9
G	5,302	600[2]	362	1.6	276.8	276.8	277.7	0.9
H	5,653	420[2]	562	1.0	277.4	277.4	278.2	0.8
I	5,950	300	447	1.3	278.5	278.5	279.1	0.6
J	6,210	200	312	1.9	281.3	281.3	282.1	0.8
K	6,850	21	48	8.7	284.4	284.4	284.4	0.0

[1] FEET ABOVE CONFLUENCE WITH CONWAY SLOUGH
[2] WIDTH INCLUDES HIGH GROUND NOT INCLUDED IN FLOODWAY CONVEYANCE CALCULATIONS
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM CONWAY SLOUGH

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

CONWAY SLOUGH TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUTACUTACHEE CREEK								
A	4,590	4,970	1,837	3.9	337.7	337.7	338.4	0.7
B	9,453	1,265	7,193	1.0	339.3	339.3	340.3	1.0
C	12,181	1,500	3,489	2.0	339.9	339.9	340.8	0.9
D	14,886	807	2,695	2.6	343.8	343.8	344.1	0.3
E	17,155	118	830	8.5	344.9	344.9	345.9	1.0
F	17,290	560	6,047	1.2	347.5	347.5	347.8	0.3
G	19,355	1,000	6,784	1.0	347.6	347.6	348.0	0.4
H	22,173	1,794	7,390	0.9	347.7	347.7	348.3	0.6
I	22,289	1,150	11,612	0.6	349.9	349.9	349.9	0.0
J	26,679	950	3,267	2.0	349.9	349.9	350.1	0.2
K	29,989	984	3,652	1.9	351.9	351.9	352.9	1.0
L	30,782	900	3,199	2.1	352.5	352.5	353.5	1.0
M	31,291	900	3,250	2.1	352.9	352.9	353.8	0.9
N	31,631	1,070	6,160	1.1	354.2	354.2	354.7	0.5
O	33,566	990	3,693	1.8	354.5	354.5	355.0	0.5
P	36,084	621	4,180	1.3	355.1	355.1	355.9	0.8
Q	38,207	112	484	11.3	356.8	356.8	356.8	0.0
R	38,567	680	4,195	1.3	360.2	360.2	360.2	0.0
S	40,832	410	4,426	0.7	360.2	360.2	360.3	0.1
T	43,184	254	2,664	1.1	360.3	360.3	360.3	0.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUTACUTACHEE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUTACUTACHEE CREEK (Continued)								
U	47,119	107	543	4.6	368.7	368.7	369.4	0.7
V	47,564	975	2,783	0.9	371.3	371.3	371.7	0.4
W	48,881	175	925	1.7	371.8	371.8	372.3	0.5
X	50,404	64	264	5.9	372.8	372.8	373.7	0.9
Y	50,596	270	1,201	1.3	380.0	380.0	380.0	0.0
Z	51,848	400	894	1.7	380.2	380.2	380.9	0.7
AA	52,776	370	1,644	0.9	380.7	380.7	381.5	0.8
AB	53,084	385	1,633	1.0	384.1	384.1	384.2	0.1
AC	54,382	263	667	2.3	384.3	384.3	384.5	0.2
AD	54,563	360	1,948	0.8	387.1	387.1	388.1	1.0
AE	55,314	33	135	11.5	387.0	387.0	387.0	0.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUTACUTACHEE CREEK TRIBUTARY 1								
A	2,828	250	354	2.6	366.2	366.2	366.9	0.7
B	5,062	291	589	1.6	374.4	374.4	375.2	0.8
C	6,504	26	50	7.8	381.1	381.1	381.4	0.3
D	7,070	60	210	1.9	382.8	382.8	383.6	0.8

[1] FEET ABOVE CONFLUENCE WITH EUTACUTACHEE CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUTACUTACHEE CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUTACUTACHEE CREEK TRIBUTARY 2								
A	2,073	261	587	2.5	373.5	373.5	374.5	1.0
B	3,072	157	309	2.5	376.0	376.0	376.9	0.9
C	4,763	177	251	3.1	380.3	380.3	381.3	1.0

[1]FEET ABOVE CONFLUENCE WITH EUTACUTACHEE CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUTACUTACHEE CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUTACUTACHEE CREEK TRIBUTARY 3								
A	2,175	189	749	4.4	360.1	357.1[2]	357.3	0.1
B	3,027	98	855	3.8	364.7	364.7	364.7	0.0
C	3,194	40	540	6.8	364.7	364.7	364.7	0.0
D	3,260	40	587	6.4	365.7	365.7	365.7	0.0
E	6,313	635	1,646	2.0	366.7	366.7	367.7	1.0
F	7,576	418	924	3.5	370.4	370.4	370.8	0.4
G	9,226	345	1,161	2.8	372.9	372.9	373.8	0.9
H	10,447	32	212	6.3	374.9	374.9	375.1	0.2
I	10,534	34	197	6.8	375.5	375.5	375.8	0.3
J	12,103	408	461	2.9	381.2	381.2	381.7	0.5
K	13,972	187	601	2.2	387.4	387.4	388.3	0.9

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUTACUTACHEE CREEK TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EUTACUTACHEE CREEK TRIBUTARY 4								
A	2,150	436	886	2.3	355.6	355.6	355.8	0.2
B	2,388	178	877	2.3	360.9	360.9	360.9	0.0
C	2,578	440	3,068	0.7	363.0	363.0	363.0	0.0
D	4,084	200	713	2.8	363.0	363.0	363.0	0.0
E	5,307	305	1,141	1.8	363.2	363.2	364.1	0.9
F	6,458	239	1,649	1.9	364.2	364.2	365.0	0.8
G	9,998	200	345	4.3	367.8	367.8	368.7	0.9
H	11,508	600	1,529	1.0	372.1	372.1	372.8	0.7
I	14,203	280	541	2.7	377.2	377.2	378.2	1.0
J	15,628	125	456	3.3	384.1	384.1	384.1	0.0
K	16,825	82	256	5.8	388.4	388.4	389.0	0.6
L	16,943	245	1,139	1.3	390.3	390.3	390.3	0.0

[1] FEET ABOVE CONFLUENCE WITH EUTACUTACHEE CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

EUTACUTACHEE CREEK TRIBUTARY 4

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HOG CREEK								
A	8,770	1,992	13,606	0.3	281.9	278.8[2]	279.8	1.0
B	11,234	151	1,089	3.8	281.9	278.8[2]	279.8	1.0
C	11,406	152	1,105	3.8	281.9	278.9[2]	279.9	1.0
D	12,743	174	1,389	3.0	281.9	280.1[2]	280.7	0.6
E	13,131	250	4,172	1.0	281.9	280.5[2]	281.0	0.5
F	14,740	348	1,840	2.9	281.9	280.5[2]	281.1	0.6
G	16,382	175	1,268	4.2	282.7	282.7	283.0	0.3
H	17,703	134	1,087	4.9	284.3	284.3	284.9	0.6
I	18,900	246	1,391	3.8	286.2	286.2	286.7	0.5
J	21,240	261	2,783	3.0	289.6	289.6	290.0	0.4
K	23,461	175	1,248	4.2	292.0	292.0	292.2	0.2
L	25,127	176	852	6.2	293.4	293.4	293.6	0.2
M	26,874	292	2,626	1.8	296.7	296.7	297.0	0.3
N	29,053	215	1,599	2.8	302.2	302.2	301.3	0.9
O	30,988	176	1,314	2.6	305.2	305.2	305.5	0.3
P	32,493	395	1,556	2.8	307.2	307.2	307.6	0.4
Q	35,234	522	1,976	1.0	309.9	309.9	310.8	0.9
R	36,737	387	1,502	1.6	311.8	311.8	312.3	0.5
S	39,012	141	523	4.0	313.7	313.7	314.0	0.3
T	41,659	325	1,078	1.6	318.1	318.1	318.7	0.6
U	43,796	325	902	2.1	320.4	320.4	320.9	0.5

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HOG CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HOG CREEK (continued)								
V	45,414	256	743	1.8	323.8	323.8	324.5	0.7
W	46,360	130	427	3.2	326.8	326.8	327.4	0.6
X	47,611	190	497	2.2	330.9	330.9	331.8	0.9
Y	49,023	155	433	2.5	334.9	334.9	335.4	0.5
Z	50,549	60	233	4.6	339.6	339.6	340.0	0.4

[1] FEET ABOVE CONFLUENCE WITH PEARL RIVER

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HOG CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
HOG CREEK TRIBUTARY								
A	500	41	302	5.1	309.8	309.2[2]	310.2	0.4
B	2,350	40	271	4.0	315.6	315.6	316.3	0.7
C	4,100	40	258	4.2	319.8	319.8	320.8	1.0
D	6,300	61	245	4.4	330.8	330.8	330.8	0.0

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

HOG CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
INDIAN CREEK								
A	1,923	285	2,289	2.8	294.9	293.5[2]	294.2	0.7
B	2,789	130	980	4.4	295.4	295.4	295.9	0.5
C	3,601	100	912	4.7	296.2	296.2	296.8	0.6
D	4,093	201	1,226	3.6	298.5	298.5	299.0	0.5
E	5,298	150	1,410	2.4	298.8	298.8	299.6	0.8
F	6,351	124	627	5.2	299.4	299.4	300.2	0.8
G	7,262	138	576	4.6	301.7	301.7	302.1	0.4
H	8,305	267	1,125	5.5	303.8	303.8	304.4	0.6
I	9,447	583	2,272	1.2	306.8	306.8	307.8	1.0
J	14,170	412	1,879	1.5	315.7	315.7	316.4	0.7
K	17,648	190	675	3.0	320.5	320.5	321.2	0.7
L	20,189	213	784	2.4	327.8	327.8	328.4	0.6

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

INDIAN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
INDIAN CREEK TRIBUTARY 1								
A	1,548	82	535	5.6	299.8	299.8	299.8	0.0
B	2,477	80	914	3.1	301.8	301.8	301.9	0.1
C	3,523	150	682	6.5	303.8	303.8	304.2	0.4
D	4,340	425	1345	3.7	305.0	305.0	305.9	0.9
E	5,431	240	1160	3.2	306.0	306.0	306.7	0.7
F	6,291	210	624	7.9	306.4	306.4	307.3	0.9
G	7,274	375	1286	3.4	312.3	312.3	312.9	0.6
H	8,731	175	1093	2.7	317.0	317.0	317.5	0.5
I	10,066	400	2473	2.1	317.4	317.4	318.0	0.6
J	14,620	219	599	3.1	321.2	321.2	321.9	0.7
K	17,738	131	364	3.1	328.3	328.3	328.8	0.5
L	21,473	86	261	4.3	335.0	335.0	335.6	0.6
M	22,159	261	821	1.1	339.1	339.1	340.0	0.9
N	23,250	46	205	4.4	341.0	341.0	341.8	0.8

[1] FEET ABOVE CONFLUENCE WITH INDIAN CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

INDIAN CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
MILL CREEK								
A	300	353	1922	4.0	302.4	302.4	303.4	1.0
B	2,700	199	1672	4.6	305.2	305.2	306.2	1.0
C	4,857	101	1106	6.9	310.8	310.8	311.5	0.7
D	6,400	40	565	10.0	315.9	315.9	315.9	0.0
E	8,345	400	2209	3.7	317.4	317.4	317.7	0.3
F	10,627	150	838	6.7	321.2	321.2	321.2	0.0
G	12,600	298	1680	4.2	325.0	325.0	325.5	0.5
H	14,279	364	2499	2.2	328.1	328.1	328.6	0.5
I	18,234	145	517	6.2	332.8	332.8	333.1	0.3
J	21,954	385	1454	3.3	340.0	340.0	340.2	0.2
K	24,523	431	1229	2.5	344.5	344.5	344.8	0.3
L	26,691	51	269	7.7	350.3	350.3	351.1	0.8

[1] FEET ABOVE MOUTH

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

MILL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
MILL CREEK TRIBUTARY								
A	1,150	162	644	2.3	316.1	315.6[2]	316.4	0.8
B	3,467	156	738	1.9	322.3	322.3	323.2	0.9
C	5,837	108	605	2.0	327.5	327.5	328.5	1.0

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

MILL CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
NEELY CREEK								
A	2,324	99	703	5.2	264.2	264.2	264.5	0.3
B	4,572	152	1519	2.4	270.5	270.5	271.1	0.6
C	5,514	974	3710	0.8	270.9	270.9	271.5	0.6
D	6,837	1,213	4873	0.6	271.2	271.2	271.9	0.7

[1] FEET ABOVE MOUNTH

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

NEELY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
NEELY CREEK (LEFT CHANNEL)								
A	2,550	1,300	2,105	1.7	271.3	268.4[3]	269.2	0.8
B	4,050	79	354	4.3	271.3	269.1[3]	269.6	0.5
C	4,750	67	396	4.1	271.3	269.9[3]	270.2	0.3
D	5,040	53	274	5.6	271.3	270.5[3]	270.8	0.3
E	5,780	51	295	5.2	271.9	271.9	272.1	0.2
F	6,530	56	324	4.7	272.9	272.9	273.0	0.1
G	6,915	41	263	5.8	273.2	273.2	273.3	0.1
H	7,997	850	684	2.2	275.8	275.8	276.4	0.6
I	9,093	482[2]	411	4.0	278.6	278.6	279.3	0.7
J	9,617	41	162	4.2	283.3	283.3	283.7	0.4
K	10,067	22	69	10.0	287.0	287.0	287.0	0.0
L	10,567	28	109	6.3	292.3	292.3	292.3	0.0
M	11,169	30	137	5.0	295.4	295.4	295.5	0.1
N	11,567	28	108	6.4	297.2	297.2	297.3	0.1
O	12,095	25	134	5.1	301.9	301.9	301.9	0.0
P	12,567	25	77	9.0	304.1	304.1	304.1	0.0
Q	13,067	37	120	5.7	310.3	310.3	310.3	0.0
R	13,632	28	104	6.6	315.1	315.1	315.1	0.0
S	14,067	34	145	4.7	317.8	317.8	318.6	0.8
T	14,542	36	124	5.6	320.1	320.1	320.3	0.2

[1] FEET ABOVE CONFLUENCE WITH NEELY CREEK
[2] WIDTH INCLUDES HIGH GROUND NOT INCLUDED IN FLOODWAY CONVEYANCE CALCULATION
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM NEELY CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

NEELY CREEK (LEFT CHANNEL)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
NEELY CREEK (LEFT CHANNEL) (Continued)								
U	15,067	30	105	6.6	323.1	323.1	323.1	0.0
V	15,567	31	92	7.4	327.1	327.1	327.1	0.0
W	16,067	26	72	9.5	333.7	333.7	333.7	0.0
X	16,471	33	96	7.1	339.6	339.6	339.6	0.0

[1] FEET ABOVE CONFLUENCE WITH NEELY CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

NEELY CREEK (LEFT CHANNEL)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
NEELY CREEK (RIGHT CHANNEL)								
A	1,630	53	318	2.5	270.6	269.5[2]	270.4	0.9
B	3,627	794	1,517	0.5	271.2	270.4[2]	271.2	0.8
C	4,473	914	1,030	0.8	271.3	270.7[2]	271.6	0.9
D	6,013	300	713	1.0	271.7	270.8[2]	271.8	1.0
E	7,158	516	1,505	0.5	272.1	272.1	273.1	1.0
F	11,140	484	400	2.2	275.7	275.7	276.6	0.9
G	12,934	555	1162	1.1	277.7	277.7	278.2	0.5
H	14,419	470	762	1.7	279.1	279.1	279.7	0.6
I	15,810	248	533	1.8	281.5	281.5	282.3	0.8
J	16,795	36	97	4.0	282.2	282.2	282.8	0.6
K	17,456	32	95	4.0	284.1	284.1	284.2	0.1

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

NEELY CREEK (RIGHT CHANNEL)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
NEELY CREEK TRIBUTARY 2								
A	1,358	3,120[3]	10,776	0.3	271.3	271.3[2]	272.2	0.9
B	2,528	51	225	5.4	271.3	269.1[2]	269.5	0.4
C	4,004	67	334	3.7	271.3	271.1[2]	271.3	0.2
D	4,694	85	453	2.7	271.4	271.4	271.6	0.2
E	7,249	37	123	4.2	272.2	272.2	272.3	0.1
F	8,109	23	78	6.7	273.5	273.5	273.5	0.0
G	9,109	34	99	3.5	275.7	275.7	275.7	0.0
H	10,269	35	62	5.6	279.7	279.7	279.7	0.0
I	10,514	35	108	3.3	281.4	281.4	282.1	0.7
J	11,075	96	77	4.6	282.9	282.9	282.9	0.0

[1] FEET ABOVE CONFLUENCE WITH NEELY CREEK
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM NEELY CREEK
[3] THIS WIDTH EXTENDS BEYOND COUNTY BOUNDARY

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

NEELY CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH[2] (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PEARL RIVER								
A	254.82	6,566	63,412	1.7	251.2	251.2	252.1	0.9
B	257.05	8,164	80,999	1.3	253.4	253.4	254.3	0.9
C	259.26	6,754	75,272	1.4	255.3	255.3	256.0	0.7
D	262.26	6,251	79,341	1.3	257.3	257.3	258.1	0.8
E	264.45	6,282	79,037	1.3	258.8	258.8	259.7	0.9
F	266.22	10,780	122,046	0.9	260.2	260.2	261.1	0.9
G	268.86	9,067	98,436	1.1	261.6	261.6	262.6	1.0
H	270.53	1,581	24,136	4.4	263.1	263.1	264.0	0.9
I	273.33	7,156	78,706	1.3	265.5	265.5	266.3	0.8
J	277.13	9,492	120,010	0.9	267.3	267.3	268.3	1.0
K	278.99	9,848	84,375	1.3	268.2	268.2	269.2	1.0
L	282.10	8,948	93,079	1.1	270.4	270.4	271.2	0.8
M	284.51	6,950	100,969	1.0	271.7	271.7	272.5	0.8
N	285.10	4,214	41,309	2.6	271.8	271.8	272.5	0.7
O	285.35	2,568	27,505	3.9	272.5	272.5	273.4	0.9
P	286.25	3,200	68,685	1.5	273.7	273.7	274.5	0.8
Q	286.64	2,087	43,697	2.4	273.9	273.9	274.8	0.9
R	286.97	1,840	38,293	2.8	274.2	274.2	275.1	0.9
S	287.37	2,043	38,477	2.8	274.8	274.8	275.8	1.0
T	288.99	2,006	39,350	2.7	276.5	276.5	277.3	0.8

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH[2] (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PEARL RIVER (Continued)								
U	289.46	3,349	52,495	2.0	276.9	276.9	277.6	0.7
V	290.08	3,918	58,446	1.8	277.3	277.3	277.9	0.6
W	290.46	3,513	54,311	2.0	277.6	277.6	278.2	0.6
X	291.81	5,800	90,446	1.2	279.9	279.9	280.7	0.8
Y	292.34	2,980	50,167	2.1	280.4	280.4	281.0	0.6
Z	292.50	2,234	33,439	3.2	280.4	280.4	280.9	0.5
AA	293.81	6,512	99,103	1.1	282.0	282.0	282.6	0.6
AB	295.21	9,490	117,709	0.9	282.7	282.7	283.4	0.7
AC	295.48	10,970	109,150	1.0	283.1	283.1	283.9	0.8
AD	296.71	13,890	168,378	0.6	283.8	283.8	284.7	0.9
AE	298.33	10,413	111,962	0.9	284.3	284.3	285.2	0.9
AF	299.82	10,203	119,038	0.9	284.9	284.9	285.8	0.9
AG	301.31	10,877	123,258	0.9	286.0	286.0	286.9	0.9

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PEARL RIVER TRIBUTARY 1								
A	1,205	76	563	3.3	268.2	263.3[2]	264.3	1.0
B	2,355	41	181	8.7	268.2	264.0[2]	265.0	1.0
C	3,240	39	173	5.9	270.3	270.3	270.3	0.0
D	3,868	34	118	8.6	272.2	272.2	272.3	0.1
E	4,778	41	161	6.3	277.9	277.9	277.9	0.0
F	4,930	43	183	5.5	279.1	279.1	279.1	0.0
G	5,890	28	81	9.6	280.6	280.6	280.6	0.0
H	7,210	35	135	5.8	289.1	289.1	289.1	0.0
I	7,570	29	99	7.9	291.5	291.5	291.5	0.0
J	8,090	36	140	5.6	294.4	294.4	294.4	0.0
K	8,630	37	145	5.4	296.1	296.1	296.1	0.0

[1] FEET ABOVE CITY OF RICHLAND CORPORATE LIMITS
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PEARL RIVER TRIBUTARY 2								
A	1,295	58	311	2.3	270.4	264.8[2]	265.4	0.0
B	1,889	23	98	7.2	270.4	265.6[2]	266.0	0.4
C	2,746	51	278	2.0	270.4	267.3[2]	267.4	0.1
D	3,574	34	100	6.7	270.4	268.4[2]	268.6	0.2
E	3,686	39	228	2.9	270.4	270.4	271.1	0.7
F	4,907	100	227	3.0	270.4	270.4	271.2	0.8
G	5,620	28	104	6.4	270.4	270.4	271.1	0.7

[1] FEET ABOVE CITY OF RICHLAND CORPORATE LIMITS
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY[2]	WITH FLOODWAY	INCREASE
PEARL RIVER TRIBUTARY 3								
A	2,215	81	197	4.1	281.9	271.4	271.5	0.1
B	2,898	48	166	4.9	281.9	273.8	273.8	0.0
C	3,144	62	415	2.1	281.9	278.2	278.2	0.0
D	4,835	97	384	2.1	281.9	278.5	279.1	0.6
E	5,051	36	306	2.1	281.9	280.2	281.0	0.8
F	6,081	400	2,039	0.3	281.9	280.2	281.1	0.9
G	6,151	500	2,591	0.3	281.9	280.2	281.1	0.9
H	6,765	300	1,381	0.5	281.9	280.2	281.1	0.9
I	6,938	400	2,068	0.3	281.9	280.2	281.1	0.9

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PEARL RIVER TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88))			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PELAHATCHIE BAY UNNAMED TRIBUTARY								
A	512	151	841	1.4	306.5	306.5	306.5	0.0

[1] FEET ABOVE PEARL RIVER VALLEY WATER SUPPLY DISTRICT CORPORATE LIMITS

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PELAHATCHIE BAY UNNAMED TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PELAHATCHIE CREEK (LOWER REACH)								
A	1,800	3,147	22,497	1.6	301.6	301.6	302.0	0.4
B	4,700	4,362	29,519	1.2	303.5	303.5	304.5	1.0
C	14,895	3,799[2]	29,543	1.2	309.5	309.5	310.4	0.9
D	22,345	2,837	23,311	1.4	313.3	313.3	314.2	0.9
E	29,395	3,987	35,788	0.9	315.3	315.3	316.3	1.0

[1] FEET ABOVE MOUTH
[2] COMBINED FLOOWAY WIDTH OF PELAHATCHIE CREEK (LOWER REACH) AND CLARK CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PELAHATCHIE CREEK (LOWER REACH)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PELAHATCHIE CREEK (UPPER REACH)								
D	165,868	3,063	26,431	0.5	349.1	349.1	350.1	1.0
E	167,498	2,955	4,854	2.9	349.4	349.4	350.3	0.9
F	169,343	2,354	21,816	0.6	351.6	351.6	351.7	0.1
G	171,305	1,743	2,453	5.8	352.0	352.0	352.5	0.5
H	173,500	1,780	14,092	1.0	353.2	353.2	353.6	0.4
I	176,995	1,910	14,340	1.0	353.5	353.5	354.0	0.5
J	178,385	2,150	12,897	1.1	353.7	353.7	354.3	0.6
K	180,485	2,980	12,600	1.1	353.9	353.9	354.6	0.7
L	183,295	2,042	11,739	1.2	354.3	354.3	355.3	1.0

[1] FEET ABOVE MOUTH

NOTE: FLOODWAY DATA FOR CROSS-SECTIONS A THROUGH C FOR PELAHATCHIE CREEK (UPPER REACH) NOT AVAILABLE

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PELAHATCHIE CREEK (UPPER REACH)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PELAHATCHIE CREEK TRIBUTARY								
A	1,885	127	457	3.0	306.6	306.6	306.9	0.3
B	3,080	564	1,245	1.1	307.3	307.3	308.3	1.0
C	5,380	100	810	1.4	317.1	317.1	317.1	0.0
D	7,100	217	638	1.8	321.7	321.7	321.7	0.0
E	8,500	179	595	2.0	324.8	324.8	325.8	1.0

[1] FEET ABOVE MOUTH

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PELAHATCHIE CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PELAHATCHIE TRIBUTARY 1								
A	684	36	207	4.8	351.4	344.6[2]	345.1	0.5
B	816	29	250	3.9	351.4	345.3[2]	345.7	0.4
C	2,196	43	189	5.2	351.4	347.6[2]	348.0	0.4
D	2,385	60	366	2.7	351.4	348.1[2]	348.6	0.4
E	2,740	28	198	5.0	351.4	348.4[2]	349.1	0.7
F	2,878	50	266	3.7	351.4	349.3[2]	349.7	0.5
G	4,071	48	134	7.4	351.4	351.1[2]	351.4	0.3
H	4,155	90	849	1.2	359.0	359.0	359.0	0.0
I	4,452	90	658	1.5	359.0	359.0	359.0	0.0
J	4,623	65	627	1.6	359.0	359.0	359.2	0.2
K	5,592	61	317	1.5	359.0	359.0	359.4	0.4
L	5,755	65	477	1.0	359.1	359.1	359.6	0.5
M	7,457	68	100	4.8	362.1	362.1	362.8	0.7
N	8,477	28	89	5.5	365.8	365.8	366.5	0.7
O	8,883	100	340	1.4	370.2	370.2	371.2	1.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK (UPPER REACH)
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PELAHATCHIE CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PELAHATCHIE CREEK TRIBUTARY 1

LOCATION		FLOOD WAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PIERCE CREEK								
A	180	1,780	1,346	2.0	353.1	345.3[2]	346.1	0.8
B	1,615	1,910	2,379	1.1	353.5	348.2[2]	349.1	0.9
C	3,435	2,150	3,007	0.9	353.6	348.8[2]	349.8	1.0
D	6,041	1,980	3,670	0.7	353.9	350.9[2]	351.7	0.8
E	9,446	232	1,278	2.1	354.8	354.8	355.5	0.7
F	10,766	303	1,523	1.7	355.8	355.8	356.1	0.3
G	13,036	505	2,502	1.1	356.7	356.7	357.7	1.0
H	15,610	54	476	5.5	358.4	358.4	359.3	0.9
I	16,324	125	206	12.8	359.2	359.2	359.2	0.0
J	17,226	1,210	8,472	0.3	361.7	361.7	362.7	1.0
K	18,026	1,116	4,313	0.5	361.7	361.7	362.7	1.0
L	19,042	489	1,044	2.2	363.5	363.5	363.5	0.0
M	20,041	414	1,549	1.2	364.7	364.7	365.6	0.9
N	21,192	571	2,567	0.7	368.3	368.3	368.3	0.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK (UPPER REACH)
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PELAHATCHIE CREEK (UPPER REACH)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PIERCE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PLUMMER SLOUGH								
A	6,310	834	3,003	0.9	308.2	304.0[2]	304.3	0.3
B	7,900	1,153	4,328	0.5	308.5	305.0[2]	305.6	0.6
C	10,960	696	1882	1.1	309.6	306.9	307.9	1.0
D	14,520	270	1,053	1.5	314.9	314.9	315.8	0.9
E	17,860	319	1,380	0.7	324.2	324.2	325.2	1.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK (LOWER REACH)
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PELAHATCHIE CREEK (LOWER REACH)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PLUMMER SLOUGH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PRAIRIE BRANCH CANAL								
A	3,283	173	1,486	3.6	280.0	267.4[2]	267.7	0.4
B	7,643	223	1,654	3.3	280.0	270.9[2]	271.6	0.7
C	10,589	148	1,101	4.8	280.0	272.7[2]	273.4	0.7
D	14,608	113	1,109	3.7	280.0	276.3[2]	276.7	0.4
E	17,202	99	766	5.3	280.0	279.6[2]	279.7	0.1
F	18,711	59	406	5.1	281.5	281.5	281.5	0.0
G	20,012	121	387	5.3	288.0	288.0	288.0	0.0
H	21,457	43	234	6.7	291.9	291.9	292.3	0.4
I	22,992	130	632	2.5	297.3	297.3	298.3	1.0
J	24,553	397	657	2.4	300.7	300.7	301.6	0.9
K	25,239	234	404	3.9	304.8	304.8	305.0	0.2

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PRAIRIE BRANCH CANAL

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
PRAIRIE BRANCH CANAL TRIBUTARY 1								
A	1,490	721	2368	0.7	279.4	274.3[2]	275.3	1.0
B	4,555	84	247	4.8	279.4	276.1[2]	276.6	0.5
C	5,909	480	1541	0.8	279.4	276.4[2]	277.4	1.0
D	7,233	791	1377	0.9	279.4	276.6[2]	277.6	1.0
E	8,483	26	105	9.5	281.8	281.8	282.3	0.5
F	8,798	120	622	1.6	284.7	284.7	284.9	0.2
G	9,293	120	471	2.1	284.7	284.7	285.4	0.7

[1] FEET ABOVE CONFLUENCE WITH PRAIRIE BRANCH CANAL
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PRAIRIE BRANCH CANAL

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

PRAIRIE BRANCH TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
RICHLAND CREEK								
A	21,050	279	4,355	4.1	271.7	268.6[2]	269.3	0.7
B	23,150	1,173	9,797	1.8	271.7	269.9[2]	270.7	0.8
C	24,600	945	8,041	2.2	271.7	270.8[2]	271.6	0.8
D	26,250	322	3,535	5.1	271.7	271.8[2]	272.6	0.8
E	26,461	321	3,558	5.4	272.3	272.3	272.5	0.2
F	28,271	1,800	17,553	1.1	273.1	273.1	273.5	0.4
G	29,731	1,140	7,668	2.5	274.1	274.1	274.5	0.4
H	33,292	2,553	13,559	1.4	275.1	275.1	275.9	0.8
I	34,812	2,178	12,529	1.5	275.8	275.8	276.7	0.9
J	36,287	1,348	9,270	2.0	276.5	276.5	277.4	0.9
K	37,359	1,327	7,935	2.4	277.4	277.4	278.3	0.9
L	39,759	2,054	14,337	1.3	279.7	279.7	280.7	1.0
M	41,495	2,200	14,406	1.3	280.6	280.6	281.5	0.9
N	43,363	2,215	12,257	1.5	281.9	281.9	282.7	0.8
O	46,633	1,557	9,505	2.0	284.6	284.6	285.3	0.7
P	47,043	1,460	13,455	1.4	284.9	284.9	285.7	0.8
Q	53,745	4,020	19,551	1.0	287.5	287.5	288.5	1.0
R	58,525	2,581	19,730	0.9	289.3	289.3	290.3	1.0
S	67,141	3,995	17,897	1.0	292.1	292.1	292.6	0.5
T	74,573	3,730	17,851	0.9	295.5	295.5	296.2	0.7

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

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

RICHLAND CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
RICHLAND CREEK (Continued)								
U	79,013	3,690	16,552	0.9	297.3	297.3	298.3	1.0
V	87,411	2,506	12,063	1.3	302.7	302.7	303.2	0.5
W	92,855	4,001	27,060	0.6	308.5	308.5	308.8	0.3
X	96,465	4,794	18,791	0.8	309.1	309.1	309.7	0.6
Y	107,625	5,137	25,024	0.5	310.8	310.8	311.8	1.0
Z	116,877	2,384	14,317	0.7	312.4	312.4	313.3	0.9
AA	121,502	1,415	4,729	2.0	316.2	316.2	316.8	0.6
AB	123,353	2,400	7,353	1.3	319.3	319.3	319.7	0.4
AC	123,783	160	1,009	9.4	319.8	319.8	320.0	0.2
AD	123,943	1,100	4,772	2.0	322.7	322.7	322.7	0.0
AE	126,268	1,200	5,900	1.0	325.0	325.0	326.0	1.0
AF	128,668	1,250	6,670	1.4	329.8	329.8	330.7	0.9
AG	131,998	2,348	6,899	1.2	332.0	332.0	332.6	0.6
AH	132,268	107	830	10.1	332.0	332.0	332.6	0.6
AI	134,725	585	2969	2.6	335.6	335.6	336.6	1.0
AJ	138,475	328	3989	2.5	339.4	339.4	340.2	0.8
AK	143,691	110	553	12.8	344.3	344.3	344.7	0.4
AL	143,886	151	1430	7.6	348.0	348.0	348.0	0.0
AM	145,540	656	5323	1.3	349.3	349.3	349.8	0.5
AN	146,834	804	5,941	1.2	349.6	349.6	350.4	0.8
AO	148,848	81	456	13.5	351.4	351.4	351.4	0.0
AP	149,102	870	3,022	2.0	355.7	355.7	355.7	0.0
AQ	152,052	783	2,159	2.9	357.0	357.0	357.4	0.4

[1] FEET ABOVE CONFLUENCE WITH PEARL RIVER

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

RICHLAND CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
RICHLAND CREEK (Continued)								
AR	153,382	653	1,889	2.1	358.0	358.0	358.9	0.9
AS	155,382	661	1,632	2.0	359.8	359.8	360.7	0.9
AT	157,132	484	1,175	2.8	361.7	361.7	362.3	0.6
AU	159,332	48	364	8.9	363.2	363.2	364.1	0.9
AV	160,356	500	3,618	0.9	367.8	367.8	367.8	0.0
AW	164,836	411	1,529	2.1	368.3	368.3	369.3	1.0
AX	167,962	775	2,700	0.8	372.2	372.2	372.9	0.7
AY	170,934	235	446	4.6	373.1	373.1	373.9	0.8

[1] FEET ABOVE CONFLUENCE WITH PEARL RIVER
NOTE: CROSS-SECTIONS AZ THROUGH BC DO NOT CONTAIN FLOODWAY DATA

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

RICHLAND CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
RICHLAND CREEK TRIBUTARY 1								
A	8,365[1]	914	3408	0.4	291.7	291.7	292.7	1.0
B	8,962[1]	401	1711	0.9	293.7	293.7	294.7	1.0
C	12,762[1]	80	163	5.8	300.9	300.9	301.5	0.6
D	14,621[1]	40	168	5.6	303.8	303.8	304.7	0.9
A	1,380[2]	427	981	1.9	300.9	297.7	298.0	0.3
B	4,210[2]	216	1,181	1.6	301.5	301.5	302.3	0.8
C	7,204[2]	200	805	2.4	306.4	306.4	307.4	1.0
D	5,085[2]	160	555	2.6	309.8	309.8	310.7	0.9
E	8,794[2]	160	234	4.3	315.8	315.8	315.8	0.0
F	11,694[2]	200	725	1.2	321.6	321.6	322.6	1.0
G	13,334[2]	190	212	4.2	327.4	327.4	327.4	0.0
H	14,634[2]	190	554	1.6	331.0	331.0	332.0	1.0
A	880[3]	58	291	9.3	270.9	267.8[4]	267.9	0.1
B	1,996[3]	720	2814	1.0	270.9	269.6[4]	270.0	0.4
C	2,938[3]	250	820	3.3	270.9	270.6[4]	270.7	0.1
D	4,463[3]	151	723	2.1	272.4	272.0[5]	272.3	0.3
E	7,103[3]	877	1794	0.9	273.4	273.4	274.0	0.6
F	8,603[3]	682	1102	1.0	275.2	275.2	276.1	0.9

[1] FEET ABOVE CONFLUENCE WITH RICHLAND CREEK
[2] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK
[3] FEET ABOVE CITY OF RICHLAND CORPORATE LIMITS
[4] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER
[5] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM RICHLAND CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

RICHLAND CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SPRING BRANCH								
A	1,380	427	981	1.9	300.9	297.7	298.0	0.3
B	4,210	216	1,181	1.6	301.5	301.5	302.3	0.8
C	7,204	200	805	2.4	306.4	306.4	307.4	1.0
D	5,085	160	555	2.6	309.8	309.8	310.7	0.9
E	8,794	160	234	4.3	315.8	315.8	315.8	0.0
F	11,694	200	725	1.2	321.6	321.6	322.6	1.0
G	13,334	190	212	4.2	327.4	327.4	327.4	0.0
H	14,634	190	554	1.6	331.0	331.0	332.0	1.0

[1] FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

SPRING BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SQUIRREL BRANCH								
A	880	58	291	9.3	270.9	267.8[2]	267.9	0.1
B	1,996	720	2814	1.0	270.9	269.6[2]	270.0	0.4
C	2,938	250	820	3.3	270.9	270.6[2]	270.7	0.1
D	4,463	151	723	2.1	272.4	272.0[3]	272.3	0.3
E	7,103	877	1794	0.9	273.4	273.4	274.0	0.6
F	8,603	682	1102	1.0	275.2	275.2	276.1	0.9

[1] FEET ABOVE CITY OF RICHLAND CORPORATE LIMITS
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM PEARL RIVER
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM RICHLAND CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

SQUIRREL BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
STEEN CREEK								
A	500	1,686	9,712	1.1	285.0	285.0	286.0	1.0
B	6,015	1,890	8,605	1.2	287.0	287.0	288.0	1.0
C	7,657	1,242	5,329	2.0	288.2	288.2	289.2	1.0
D	9,417	1,150	5,339	2.0	289.8	289.8	290.7	0.9
E	10,390	126	1,404	6.7	290.8	290.8	291.0	0.2
F	11,603	798	10,215	1.9	292.0	292.0	292.3	0.3
G	12,639	558	3,279	5.5	292.0	292.0	292.3	0.3
H	13,805	800	8,284	2.5	292.8	292.8	295.2	0.4
I	15,902	978	8,284	2.5	294.9	294.9	295.2	0.3
J	17,292	108	1012	3.4	346.1	346.1	346.1	0.0
K	21,445	310	1851	1.9	346.8	346.8	346.8	0.0
L	23,781	613	1495	2.3	347.0	347.0	347.2	0.2
M	28,564	344	3,204	3.2	306.5	306.5	306.9	0.4
N	30,730	628	4,704	2.9	308.1	308.1	308.5	0.4
O	37,752	892	5,647	2.1	308.8	308.8	309.5	0.7
P	41,096	512	1,421	6.1	313.3	313.3	313.6	0.3
Q	47,650	577	1,958	2.6	324.6	324.6	324.9	0.3
R	52,793	458	3,726	2.1	327.6	327.6	328.5	0.9

[1] FEET ABOVE LIMIT OF DETAILED STUDY (LOCATED APPROXIMATELY 1.96 MILES DOWNSTREAM OF SOUTH CHURCH STREET)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

STEEN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TERRAPIN SKIN CREEK								
A	17,360	1545	5,814	1.2	300.3	300.3	301.3	1.0
B	19,172	88	763	8.9	301.8	301.8	302.8	1.0
C	22,675	584	2,420	2.7	307.2	307.2	307.8	0.6
D	25,955	629	2,452	2.7	311.7	311.7	312.3	0.6
E	30,733	150	1,482	3.6	316.9	316.9	317.6	0.7
F	32,352	170	1,717	3.1	318.0	318.0	318.8	0.8
G	34,619	182	1,892	2.9	319.3	319.3	319.9	0.6
H	38,649	407	1,553	2.7	331.9	331.9	332.9	1.0
I	42,359	606	1,485	2.4	339.7	339.7	340.5	0.8
J	44,439	108	1,012	3.4	346.1	346.1	346.1	0.0
K	45,009	310[2]	1,85	1.9	346.8	346.8	346.8	0.0
L	45,892	613[2]	1,495	2.3	347.0	347.0	347.2	0.2
M	46,827	682	2,103	1.4	350.1	350.1	350.8	0.7
N	47,747	442	1,638	1.4	351.3	351.3	352.3	1.0
O	48,647	534	1,288	1.8	353.9	353.9	354.7	0.8
P	49,675	534	1,568	1.4	356.5	356.5	357.5	1.0
Q	50,612	275	941	2.4	359.5	359.5	360.5	1.0
R	51,681	347	1,698	1.2	365.5	365.5	366.2	0.7
S	52,711	160	628	2.7	366.3	366.3	367.3	1.0
T	55,186	170	641	1.4	372.4	372.4	373.0	0.6

[1] FEET ABOVE LIMIT OF DETAILED STUDY (LOCATED APPROXIMATELY 1.96 MILES DOWNSTREAM OF SOUTH CHURCH STREET)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TERRAPIN SKIN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TERRAPIN SKIN CREEK (Continued)								
U	56,497	325	979	0.9	379.2	379.2	379.4	0.2
V	56,625	70	155	5.7	379.3	379.3	379.3	0.0
W	59,347	34	173	3.2	392.1	392.1	392.3	0.2

[1] FEET ABOVE LIMIT OF DETAILED STUDY (LOCATED APPROXIMATELY 1.96 MILES DOWNSTREAM OF SOUTH CHURCH STREET)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TERRAPIN SKIN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TERRAPIN SKIN CREEK TRIBUTARY 1								
A	705	333[2]	472	2.5	346.8	345.7[3]	346.4	0.7
B	2,232	295	646	0.6	350.0	348.8[3]	349.7	0.9
C	3,072	49	78	4.9	353.8	353.8	353.8	0.0
D	4,232	51	162	1.8	361.0	361.0	362.0	1.0
E	5,087	20	65	4.4	364.8	364.8	365.7	0.9
F	6,172	25	90	2.3	371.4	371.4	372.4	1.0

[1] FEET ABOVE CONFLUENCE WITH TERRAPIN SKIN CREEK
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF INFLUENCE FROM TERRAPIN SKIN CREEK FLOODWAY
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF OVERFLOW FROM TERRAPIN SKIN CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TERRAPIN SKIN CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TERRAPIN SKIN CREEK TRIBUTARY 2								
A	249	40[2]	113	9.6	346.8	338.0[3]	338.0	0.0
B	1,989	47	177	6.1	347.7	345.9[3]	345.9	0.0
C	2,943	92	194	4.5	352.9	352.9	353.0	0.1
D	4,070	164	669	1.3	357.1	357.1	358.0	0.9
E	5,000	94	384	2.3	361.6	361.6	362.1	0.5
F	5,968	125	385	2.2	364.6	364.6	365.5	0.9
G	7,088	70	231	2.5	369.3	369.3	369.5	0.2
H	7,688	151	471	1.3	370.1	370.1	370.9	0.8

[1] FEET ABOVE CONFLUENCE WITH TERRAPIN SKIN CREEK
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF INFLUENCE FROM TERRAPIN SKIN CREEK FLOODWAY
[3] ELEVATION COMPUTED WITHOUT CONSIDERATION OF OVERFLOW FROM TERRAPIN SKIN CREEK

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TERRAPIN SKIN CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN BRANCH								
A	4,443	43	175	6.9	293.8	293.8	294.2	0.4
B	6,371	70	340	3.5	306.2	306.7	307.3	0.6
C	7,629	129	326	3.7	309.4	309.4	310.2	0.8
D	8,990	85	358	3.4	314.0	314.0	314.6	0.6
E	11,383	54	258	3.7	320.7	320.7	321.2	0.5
F	12,848	49	214	4.5	328.2	328.2	328.6	0.4
G	14,205	75	284	3.4	334.6	334.6	335.3	0.7
H	15,961	70	238	2.3	343.6	343.6	344.3	0.7

[1] FEET ABOVE CONFLUENCE WITH STEEN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TURTLE CREEK								
A	63	190	933	1.9	299.8	297.0[2]	297.0	0.0
B	1,712	325	1,570	1.1	305.0	305.0	305.9	0.9
C	2,847	105	472	3.7	305.8	305.8	306.5	0.7
D	4,340	127	700	2.5	311.2	311.2	311.6	0.4
E	6,139	227	1,700	1.0	314.2	314.2	314.9	0.7
F	7,383	150	995	1.1	322.9	322.9	323.4	0.5

[1] FEET ABOVE MOUTH
[2] ELEVATION COMPUTED WITHOUT CONSIDERATION OF BACKWATER EFFECTS FROM ROSS BARNETT RESERVOIR

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

TURTLE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
WOODRUN CREEK								
A	919	423	1,696	6.4	328.1	328.1	328.6	0.5
B	3,010	101	754	3.2	330.3	330.3	331.3	1.0
C	4,422	110	675	3.4	332.6	332.6	333.0	0.4
D	5,349	23	118	6.0	337.6	337.6	337.6	0.0
E	5,664	54	208	3.9	340.3	340.3	340.3	0.0
F	7,485	119	112	5.5	343.4	343.4	343.4	0.0
G	8,998	115	219	2.8	351.9	351.9	351.9	0.0
H	9,297	84	459	1.5	355.0	355.0	355.8	0.8
I	9,953	12	34	6.4	358.4	358.4	358.4	0.0
J	10,105	90	394	0.6	360.1	360.1	361.1	1.0

[1] FEET ABOVE CONFLUENCE WITH TERRAPIN SKIN CREEK
NOTE: FLOODWAY IS NOTH SHOWN AT CROSS SECTION A

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS AND INCORPORATED AREAS

FLOODWAY DATA

WOODRUN CREEK

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

[Not applicable to this FIS project]

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 FIS 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 to FIS projects 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. A LOMA cannot be issued for properties located on the PFD (primary frontal dune).

To obtain an application for a LOMA, visit www.fema.gov/floodplain-management/letter-map-amendment-loma 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/online-tutorials.

For more information about how to apply for a LOMA, call the FEMA Map Information 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/floodplain-management/letter-map-amendment-loma 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 Map Information 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/online-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/national-flood-insurance-program-flood-hazard-mapping/mt-2-application-forms-and-instructions 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 Map Information 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 Rankin County FIRM are listed in Table 26. Please note that this table only includes LOMCs that have been issued on the FIRM panels updated by this map revision. For all other areas within this county, users should be aware that revisions to the FIS Report made by prior LOMRs may not be reflected herein and users will need to continue to use the previously issued LOMRs to obtain the most current data.

Table 26: Incorporated Letters of Map Change

[Not applicable to this FIS project]

6.5.4 Physical Map Revisions

PMRs are 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 http://www.fema.gov and visit the "Flood Map Revision Processes" 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 http://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 Rankin 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 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 Flood Hazard Boundary Map (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. This is the first effective date that is shown on the FIRM panel.

- *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 Physical Map Revisions (PMR) 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 Rankin County FIRMs in countywide format was 11/05/2003.

Table 27: Community Map History

Community Name	Initial Identification Date (First NFIP Map Published)	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Brandon, City of	06/07/1974	07/30/1976	N/A	09/17/1980	TBD 06/09/2014 11/05/2003 09/18/1986
Florence, City of	08/23/1974	08/23/1974	1/30/1976	08/15/1980	TBD 06/09/2014 11/05/2003
Flowood, City of	11/11/1977	11/11/1977	N/A	12/15/1982	TBD 06/09/2014 11/05/2003 07/05/1994 03/01/1984
Jackson, City of	12/06/1974	12/06/1974	10/17/1975	04/01/1980	TBD 06/09/2014 11/18/2009 06/16/1999 04/04/1994 12/16/1988 09/18/1986 06/25/1982
Pearl, City of	06/21/1974	06/21/1974	02/27/1976	12/15/1982	TBD 06/09/2014 11/05/2003 03/17/1997

Table 27: Community Map History Continued

Community Name	Initial Identification Date (First NFIP Map Published)	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Pearl River Valley Water Supply District[1]	12/13/1974	12/13/1974	N/A	12/15/1982	TBD 06/9/2014 09/16/2011 12/17/2010 03/17/2010 11/18/2009 01/19/1996 03/02/1993
Pelahatchie, Town of	06/07/1974	06/07/1974	01/30/1976	01/02/1981	06/09/2014 11/05/2003
Puckett, Township of	8/23/1974	8/23/1974	07/02/1976 02/08/1980	12/1/1990	06/9/2014 11/05/2003
Rankin County, Unincorporated Areas	12/13/1974	12/13/1974	11/4/1977	12/15/1982	TBD 06/09/2014 11/05/2003 06/16/1993 06/19/1989
Richland, City of	4/28/1978	4/28/1978	N/A	2/2/1983	TBD 06/09/2014 11/05/2003 03/15/1994

[1] This community did not have its own FIRM prior to August 4, 1988. The land area for this community was previously shown on the FIRM for the unincorporated areas of Rankin County, but was not identified as a separate NFIP community. Therefore, the dates for this community were taken from the FIRM for Rankin 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 Continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
All Zone A Streams Studied in the 2014 FIS	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Rankin County and Incorporated Areas
All Zone A Streams Studied in the 2003 FIS	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Rankin County and Incorporated Areas
Brush Branch	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Rankin County, Unincorporated Areas
Brush Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Rankin County, Unincorporated Areas
Butler Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	February 1979	Rankin County, Unincorporated Areas
Butler Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Rankin County, Unincorporated Areas
Clark Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Rankin County, Unincorporated Areas
Clark Creek Tributary	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Rankin County, Unincorporated Areas
Conway Slough	6/15/1982	Michael Baker, Jr., Inc.	H-4631	January 1989	Pearl, City of; Richland, City of
Conway Slough Tributary 1	9/17/1980	Michael Baker, Jr., Inc.	H-4631	April 1980	Pearl, City of
Conway Slough Tributary 1	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Pearl, City of
Conway Slough Tributary 2	3/17/1997	Brasswell Engineering, Inc.	EMW-93-C-4147	February 1994	Pearl, City of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Eutacutachee Creek	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Pelahatchie, Town of; Rankin County, Unincorporated Areas
Eutacutachee Creek Tributary 1	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Rankin County, Unincorporated Areas
Eutacutachee Creek Tributary 2	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Rankin County, Unincorporated Areas
Eutacutachee Creek Tributary 3	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Rankin County, Unincorporated Areas
Eutacutachee Creek Tributary 4	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Rankin County, Unincorporated Areas
Fox Run	TBD	State of Mississippi	EMA-2010-CA-5081	September 2014	Florence, City of; Rankin County Unincorporated Areas
Hog Creek	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Flowood, City of; Jackson, City of; Pearl, City of; Rankin County, Unincorporated Areas
Hog Creek	TBD	State of Mississippi	EMA-2010-CA-5081	September 2014	Flowood, City of; Jackson, City of; Pearl, City of; Rankin County, Unincorporated Area
Hog Creek Tributary	9/17/1980	Michael Baker, Jr., Inc.	H-4631	March 1980	Flowood, City of
Indian Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	February 1980	Florence, City of; Rankin County, Unincorporated Areas
Indian Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Florence, City of
Indian Creek Tributary 1	9/17/1980	Michael Baker, Jr., Inc.	EMA-98-CO-0090	January 1980	Florence, City of; Richland, City of; Rankin County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Indian Creek Tributary 1	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Florence, City of
Mill Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	March 1980	Flowood, City of; Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Mill Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Flowood, City of; Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Mill Creek Tributary	9/17/1980	Michael Baker, Jr., Inc.	H-4631	March 1980	Flowood, City of; Rankin County, Unincorporated Areas
Neely Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	March 1980	Flowood, City of
Neely Creek (Left Channel)	3/17/1997	Brasswell Engineering, Inc.	EMW-93-C-4147	February 1994	Flowood, City of; Pearl, City of
Neely Creek (Right Channel)	9/17/1980	Michael Baker, Jr., Inc.	H-4631	March 1980	Flowood, City of; Pearl, City of
Neely Creek (Right Channel)	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Flowood, City of; Pearl, City of
Neely Creek Tributary 2	3/17/1997	Brasswell Engineering, Inc.	EMW-93-C-4147	February 1994	Flowood, City of; Pearl, City of
Park Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Pelahatchie, Town of; Rankin County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Pearl River	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Flowood, City of; Pearl, City of; Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas; Richland, City of
Pearl River	6/16/1993	Neel-Schaffer, Inc.	EMW-87-C-2457	June 1993	Flowood, City of; Pearl, City of; Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas; Richland, City of
Pearl River	7/5/1994	Neel-Schaffer, Inc.	EMW-88-C-2616	March 1994	Flowood, City of; Pearl, City of; Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas; Richland, City of
Pearl River Tributary 1	9/17/1980	Michael Baker, Jr., Inc.	H-4631	January 1980	Rankin County, Unincorporated Areas; Richland, City of
Pearl River Tributary 2	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Rankin County, Unincorporated Areas; Richland, City of
Pearl River Tributary 3	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Flowood, City of
Pelahatchie Bay Unnamed Tributary	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Pelahatchie Creek (Lower Reach)	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May1980	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Pelahatchie Creek (Upper Reach)	9/17/1980	Michael Baker, Jr., Inc.	H-4631	December 1978	Pelahatchie, Town of; Rankin County, Unincorporated Areas
Pelahatchie Creek (Upper Reach)	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Rankin County, Unincorporated Areas
Pelahatchie Creek Tributary	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Pelahatchie Creek Tributary 1	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Pelahatchie, Town of
Pierce Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	December 1978	Pelahatchie, Town of; Rankin County, Unincorporated Areas
Plummer Slough	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Prairie Branch Canal	9/17/1980	Michael Baker, Jr., Inc.	H-4631	March 1980	Flowood, City of; Pearl, City of
Prairie Branch Canal	TBD	State of Mississippi	EMA-2010-CA-5081	September 2014	Flowood, City of; Pearl, City of
Prairie Branch Canal Tributary 1	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Flowood, City of
Raspberry Creek	TBD	State of Mississippi	EMA-CA-5932	September 2014	Rankin County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Richland Creek	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Brandon, City of; Pearl, City of; Rankin County, Unincorporated Areas; Richland, City of
Richland Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Brandon, City of; Rankin County, Unincorporated Areas
Richland Creek Tributary 1	9/17/1980	Michael Baker, Jr., Inc.	H-4631	April 1980	Pearl, City of; Rankin County, Unincorporated Areas
Richland Creek Tributary 2	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Brandon, City of; Rankin County, Unincorporated Areas
Richland Creek Tributary 3	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Brandon, City of
Richland Creek Tributary 4	TBD	State of Mississippi	EMA-CA-5932	September 2014	Brandon, City of; Rankin County, Unincorporated Areas
Spring Branch	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Squirrel Branch	9/17/1980	Michael Baker, Jr., Inc.	H-4631	January 1980	Rankin County, Unincorporated Areas; Richland, City of
Steen Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	February 1979	Florence, City of; Rankin County, Unincorporated Areas
Steen Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Florence, City of; Rankin County, Unincorporated Areas
Steen Creek Tributary 1	TBD	State of Mississippi	EMA-CA-5932	September 2014	Florence, City of; Rankin County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Terrapin Skin Creek	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Brandon, City of; Pearl, City of; Rankin County, Unincorporated Areas
Terrapin Skin Creek Tributary 1	9/17/1980	Michael Baker, Jr., Inc.	H-4631	February 1979	Brandon, City of
Terrapin Skin Creek Tributary 2	9/17/1980	Michael Baker, Jr., Inc.	H-4631	September 1986	Brandon, City of
Town Branch	9/17/1980	Michael Baker, Jr., Inc.	H-4631	February 1979	Florence, City of
Town Branch	TBD	State of Mississippi	EMA-2010-CA-5081	September 2014	Florence, City of
Turtle Creek	9/17/1980	Michael Baker, Jr., Inc.	H-4631	May 1980	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Turtle Creek	TBD	State of Mississippi	EMA-2010-CA-5081	September 2014	Pearl River Valley Water Supply District; Rankin County, Unincorporated Areas
Unnamed Tributary to Richland Creek	TBD	State of Mississippi	EMA-2010-CA-5081	September 2014	Brandon, City of; Rankin County Unincorporated Areas
Woodrun Creek	11/5/2003	FTN Associates	EMA-98-CO-0090	February 2000	Pearl, City of
Woodrun Creek	6/9/2014	State of Mississippi	EMA-CA-5932	August 2011	Pearl, City of

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
Brandon, City of	TBD	06/26-27/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and City of Brandon
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and City of Brandon
Florence, City of	TBD	06/26-27/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and City of Florence
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and City of Florence
Flowood, City of	TBD	06/26-27/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and City of Flowood
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and City of Flowood

Table 29: Community Meetings Continued

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Jackson, City of	TBD	06/26-27/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC, and City of Jackson
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and City of Jackson
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and City of Jackson
Pearl, City of	TBD	06/26-27/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and City of Pearl
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and City of Pearl
Pearl River Valley Water Supply District	TBD	06/26-27/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and Pearl River Valley Water Supply District
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and Pearl River Valley Water Supply District
Pelahatchie, Town of	TBD	06/26/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
Puckett, Township of	TBD	06/26/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC

Table 29: Community Meetings Continued

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Rankin County, Unincorporated Areas	TBD	06/26-27/2012	Discovery Meeting	FEMA, Department of Environmental Quality (MDEQ), Mississippi Emergency Management Agency (MEMA), Jackson County and the incorporated communities within Jackson County, Mississippi Geographic Information LLC (MGI), DH POA, and the study contractor
		01/09/2017	Flood Risk Review Meeting	MDEQ, MEMA, MGI, LLC, and Rankin County
		04/10/2018	PDCC / Public Open House	MDEQ, MEMA, MGI, LLC, and Rankin County
Richland, City of	TBD	06/26/2012	Discovery Meeting	MDEQ, MEMA, MGI, LLC
Brandon, City of	09/17/1980	02/1978	Initial CCO	*
		08/29/1979	Final CCO	*
Florence, City of	08/15/1980	02/1978	Initial CCO	*
		08/28/1979	Final CCO	*
Flowood, City of	12/15/1982	02/1978	Initial CCO	*
		12/05/1980	Final CCO	*

Table 29: Community Meetings Continued

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Jackson, City of	06/25/1982	12/08/1975	Initial CCO	*
		09/11/1980	Final CCO	*
Pearl, City of	03/17/1997	*	Initial CCO	*
		11/30/1993	Final CCO	*
Pearl River Valley Water Supply District	03/02/1993	06/08/1988	Initial CCO	*
		09/11/1980	Final CCO	*
Pelahatchie, Town of	01/02/1981	02/1978	Initial CCO	*
		04/10/1979	Final CCO	*
Rankin County, Unincorporated Areas	06/16/1993	*	Initial CCO	*
		12/05/1991	Final CCO	*

* Information not available

** No initial meeting held. Community notified by FEMA in a letter dated December 15, 1992, that a revision to the FIS would be performed

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 http://www.fema.gov.

The additional data that was used for this project includes the FIS Report and FIRM that were previously prepared for Rankin County (FEMA 2010).

Table 30 is a list of the locations where FIRMs for Rankin 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
Brandon, City of	Guest Consultants 26 Eastgate Drive, Suite C	Brandon	MS	39043
Florence, City of	City Hall 203 College Street	Florence	MS	39073
Flowood, City of	Engineering Building 109 Woodline Drive	Flowood	MS	39232
Jackson, City of	Department of Public Works 200 South President Street	Jackson	MS	39201
Pearl, City of	City Hall 2420 Old Brandon Road	Pearl	MS	39208
Pearl River Valley Water Supply District	Building and Permit Department 1864 Spillway Road	Brandon	MS	39047
Pelahatchie, Town of	Town Hall 705 2nd Street	Pelahatchie	MS	39145
Puckett, Township of	Township Hall 6449 Highway 18	Puckett	MS	39042
Rankin County (Unincorporated Areas)	Old Court House 117 North Timber Street	Brandon	MS	39042
Richland, City of	City Hall 380 Scarbrough Street	Richland	MS	39218

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 3.

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
NFIP website	www.fema.gov/national-flood-insurance-program
NFHL Dataset	msc.fema.gov
FEMA Region IV	Federal Emergency Management Agency, 3003 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	Stacy D. Ricks, CFM Mississippi Emergency Management Agency P.O. Box 5644 Pearl, MS 39208 Office:(601)933-6605 Fax: (601)933-6805 sricks@mema.ms.gov
State GIS Coordinator	Jim Steil Director, MARIS 3825 Ridgewood Road Jackson, MS 39211 Phone: 601-432-6357 jsteil@ihl.state.ms.us
Statewide Regulatory Coordinator	Stephen D. Champlin, R.P.G. Geospatial Resources Division/Flood Mapping Office of Geology Mississippi Department of Environmental Quality P. O. Box 2279 Jackson, Mississippi 39225 (601) 961-5506 Stephen_Champlin@deq.state.ms.us

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
FEMA	Federal Emergency Management Agency	*Guidelines and Specifications for Flood Hazard Mapping Partners, Appendix D: Guidance for Coastal Flooding Analyses and Mapping*		Washington, D.C.	2003	
FIS 1980	Federal Emergency Management Agency	*Flood Hazard Boundary Map, Scott County, Mississipp*i		Washington, D.C.	June, 1977	
FIS 1980	Federal Emergency Management Agency	*Flood Insurance Study, City of Florence, Rankin County, Mississippi*		Washington, D.C.	February, 1980	
FIS 1980	Federal Emergency Management Agency	*Flood Insurance Study, Town of Pelahatchie, Rankin County, Mississippi*		Washington, D.C.	July, 1980	
FIS 1980	Federal Emergency Management Agency	*Flood Insurance Study, Simpson County, Mississippi*		Washington, D.C.	March, 1980	
FIS 1986	Federal Emergency Management Agency	*Flood Insurance Study, City of Brandon, Rankin County, Mississippi*		Washington, D.C.	September 18, 1986	
FIS 1987	Federal Emergency Management Agency	*Flood Insurance Study, Scott County and Incorporated Areas, Mississippi*		Washington, D.C.	September 9, 1987	

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
FIS 1992	Federal Emergency Management Agency	*Flood Insurance Study, Hinds County Unincorporated Areas, Mississippi*		Washington, D.C.	September 3, 1992	
FIS 1993	Federal Emergency Management Agency	*Flood Insurance Study, Rankin County and Incorporated Areas, Mississippi*		Washington, D.C.	June 16, 1993	
FIS 1993	Federal Emergency Management Agency	*Flood Insurance Study, Smith County and Incorporated Areas, Mississippi*		Washington, D.C.	December, 1993	
FIS 1994	Federal Emergency Management Agency	*Flood InsuranceStudy, City of Flowood, Rankin County, Mississippi*		Washington, D.C.	July 5, 1994	
FIS 1994	Federal Emergency Management Agency	*Flood Insurance Study, Madison County, Mississippi*		Washington, D.C.	April 15, 1994	
FIS 1994	Federal Emergency Management Agency	*Flood Insurance Study, City of Richland, Rankin County, Mississippi*		Washington, D.C.	March 15, 1994	
FIS 1996	Federal Emergency Management Agency	*Flood Insurance Study, Rankin County and Incorporated Areas, Mississippi*		Washington, D.C.	January 19, 1996	

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
FIS 1997	Federal Emergency Management Agency	*Flood Insurance Study, City of Pearl, Rankin County, Mississippi*		Washington, D.C.	March 17, 1997	
FIS 2003	Federal Emergency Management Agency	*Flood Insurance Study, Rankin County and Incorporated Areas, Mississippi*		Washington, D.C.	November 5, 2003	
FIS 2014	Federal Emergency Management Agency	*Flood Insurance Study, Rankin County and Incorporated Areas, Mississippi*		Washington, D.C.	June 9, 2014	
FREQFLO	University of Texas, Center for Research in Water Resources	*Computer Program FREQFLO*	Leo R. Bard	Austin, TX	March, 1976	
FTN	FTN Associates, Ltd.	*FIRM, Flood Insurance Rate Map, Rankin County, Mississippi, Contour Interval 4 feet, Scale 1"=500'*		Pascagoula Quadrangle, MS	February, 2000	
HEC-RAS 2002	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-RAS River Analysis System, User's Manual, version 3.1.2*		Davis, CA	November , 2002	
HEC-RAS 2010	U.S. Army Corps of Engineers	*HEC-RAS River Analysis System, User's Manual, version 4.1.0, Computer Software*	USACE	Davis, CA	January, 2010	

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
HEC-2 1984	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-2, Water-Surface Profiles, Generalized Computer Program*		Davis, CA	April, 1984	
HEC-2 1991	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-2, 4.6.2, Water-Surface Profiles, Generalized Computer Program*		Davis, CA	1991	
MRDC	Mississippi Research and Development Center	*Mississippi Community Data for Rankin County*		Jackson, MS	January, 1979	
NOAA	National Oceanic and Atmospheric Administration	*Southern Regional Climate Center, Jackson International Station, ID #224472*		Jackson, MS	August 18, 2011	
PRVWSD	Pearl River Valley Water Supply District	*1983 Flood Inflow-Outflow Hydrographs at Ross Barnett Reservoir Dam*		Jackson, MS	1983	
SCS	U.S. Department of Agriculture, Soil Conservation Service	*SCS National Engineering Handbook, Section 4, Hydrology*		Washington, D.C.	1972	
SCS	U.S. Department of Agriculture, Soil Conservation Service	*Technical Release No. 55, Urban Hydrology for Small Watersheds*		Washington, D.C.	January, 1975	
State of MS, 2006	MDEQ Office of Geology	*5-foot elevation contour developed from the March 2006 digital orthophotography*		Jackson, MS	2010	

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
State of MS, 2013	MDEQ Office of Geology	*Rankin and Simpson County LiDAR elevation datasets, 1-meter post-spacing, USGS level 2*	Fugro Earthdata	Jackson, MS	January, 2013	
TP-40	U.S. Department of Commerce, Weather Bureau	*Technical Paper 40 - Rainfall Frequency Atlas of the U.S.*	USDC	Washington, D.C.	May, 1961	
USACE	U.S. Army Corps of Engineers	*RiverGages.com - Water Levels of Rivers and Lakes Within the Mississippi River Basin (webpage)*	USACE	Vicksburg, MS	2006	http://www2.mvr.usace.army.mil/WaterControl/new/layout.cfm
USACE	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-5, Water-Surface Profiles, Computer Program723-X6-L2500*	USACE	Davis, CA	May, 1983	
USACE	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-RAS - River Analysis System, User's Manual, version 4.0*	USACE	Davis, CA	November, 2010	
USACE	U.S. Army Corps of Engineers, Mobile District	*Flood Control Along Pearl River, Design Memorandum No. 7 - Fairground Pumping Station*	USACE	Jackson, MS	July, 1963	
USACE	U.S. Army Corps of Engineers, Mobile District	*Pearl River Basin Interim Report on Flood Control and Environmental Impact Statement*	USACE	Mobile, AL	July, 1985	
USACE	U.S. Army Corps of Engineers, Mobile District	*Flood Control Along Pearl River, Design Memorandum No. 2 - Basic Hydrology*	USACE	Jackson, MS	April 22, 1963	

Table 32: Bibliography and References Continued

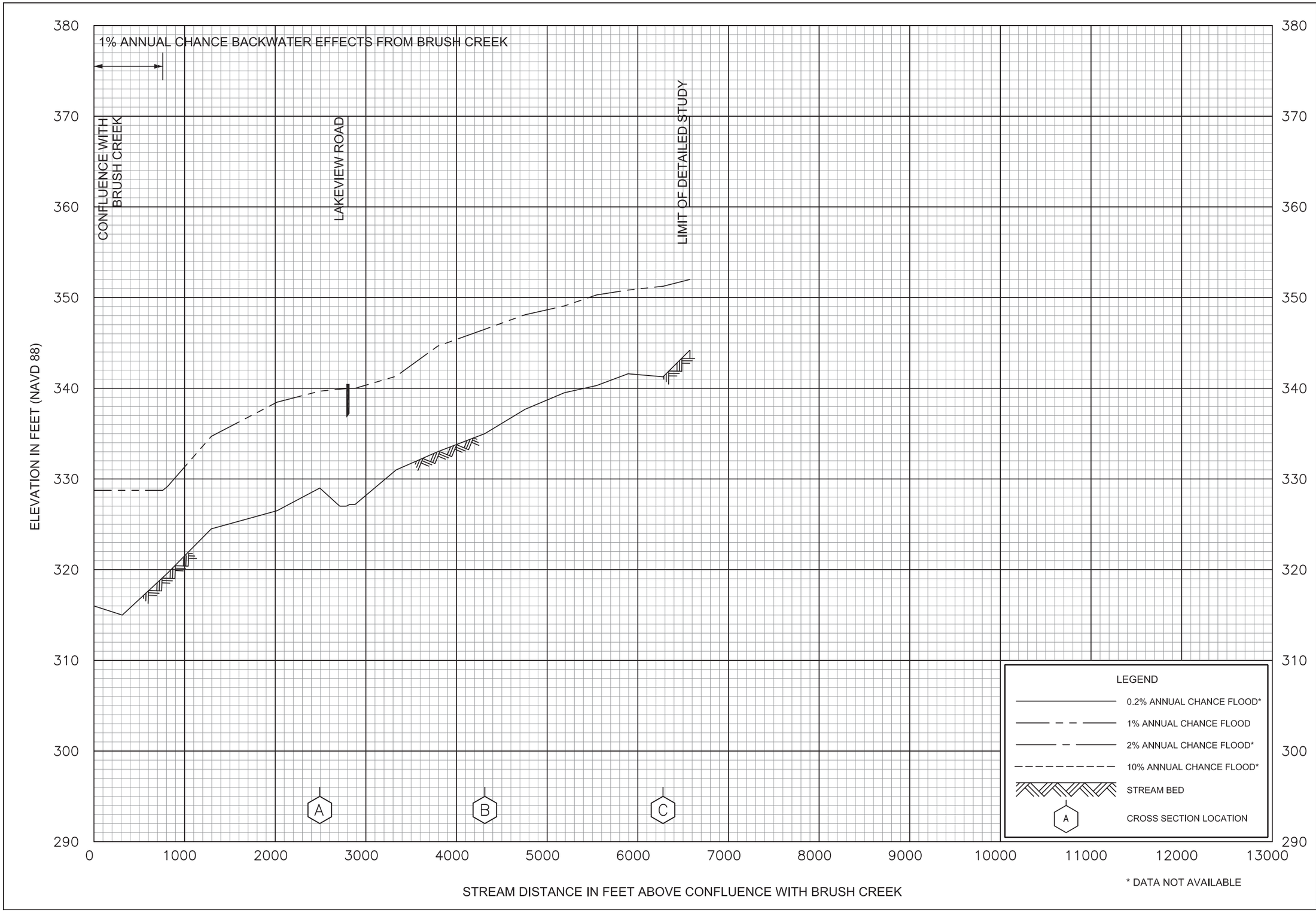
Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE	U.S. Army Corps of Engineers, Mobile District	*Flood Control Along Pearl River, Design Memorandum No. 3 - Interior Drainage*	USACE	Jackson, MS	July, 1963	
USACE	U.S. Army Corps of Engineers, Mobile District	*Flood Control Along Pearl River, Design Memorandum No. 6 - East Jackson Pumping Station*	USACE	Jackson, MS	July, 1963	
USACE	U.S. Army Corps of Engineers, Mobile District	*Floodplain Information for Pearl River and Neely Creek, Hinds, Rankin, and Madison Counties, Mississippi*	USACE	Mobile, AL	June, 1973	
USACE	U.S. Army Corps of Engineers, Vicksburg District	*Pearl River Watershed Study (webpage)*	USACE	Vicksburg, MS	2001	http://www.mvk.usace.army.mil/offices/PP/projects/PearlRiver/background.htm
USDA	U.S. Department of Agriculture, National Agriculture Imagery Program	*September 2010 digital aerial orthophotography*	USDA	Washington, D.C.	September, 2010	
USGS	U.S. Department of the Interior, Geological Survey	*Flood Characteristics of Mississippi Streams - Water Resources Investigations Report 91-4037*	USGS	Jackson, MS	1991	
USGS	U.S. Department of the Interior, Geological Survey	*Flood Characteristics of Urban Watersheds in the United States - Water Supply Paper 2207*	V.B. Sauer, W.O. Thomas Jr., V.A. Stricker, and K.V. Wilson	Washington, D.C.	1983	

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	U.S. Department of the Interior, Geological Survey	*(Jackson Southeast, Mississippi, 1980; Madison, Mississippi, 1980; Brandon, Mississippi, 1983; Goshen Springs, Mississippi, 1982; Jackson, Mississippi, 1980; Florence, Mississippi, 1980; New Bryan, Mississippi, 1980; Clinton, Mississippi, 1980; Pocahontas, Mississippi, 1980; Dabney Crossroads, Mississippi, 1971; Whites, Mississippi, 1971). 7.5 - Minute Series Topographic Map, Scale 1:24,000, Contour Intervals 5 and 10 feet*	USGS	Washington, D.C.		
USGS	U.S. Department of the Interior, Geological Survey	*Stream Gage Records on Pelahatchie Creek at State Highway 471 in Rankin County, Mississippi*	USGS	Jackson, MS	1938	
USGS	U.S. Department of the Interior, Geological Survey, and National Oceanic and Atmospheric Administration	*Floods of April 1979, Mississippi, Alabama, and Georgia*	USGS NOAA	Washington, D.C.	1986	

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	U.S. Department of the Interior, Geological Survey Prepared in coordination with the Mississippi State Highway Department	*Floods in Mississippi, Magnitude and Frequency*	K.V. Wilson and I.L. Trotter Jr.		1961	
USGS	U.S. Department of the Interior, Geological Survey, Water Resources Division	*An Approach to Estimating Flood Frequency for Urban Areas in Oklahoma*	USGS	Oklahoma City, OK	July, 14974	
Watershed Concepts 2008	Watershed Concepts, a Division of Hayes, Seay, Mattern & Mattern, Inc.	*Watershed Information System (WISE) Computer Software, Verison 4.1.0*	Watershed Concepts		2008	
WRMWSA, 2001	West Rankin Metro Water and Sewer Authority	*1-foot elevation contours for portions of western Rankin County*	Waggoner Engineering, Inc.	Jackson, MS	2001	



FLOOD PROFILES

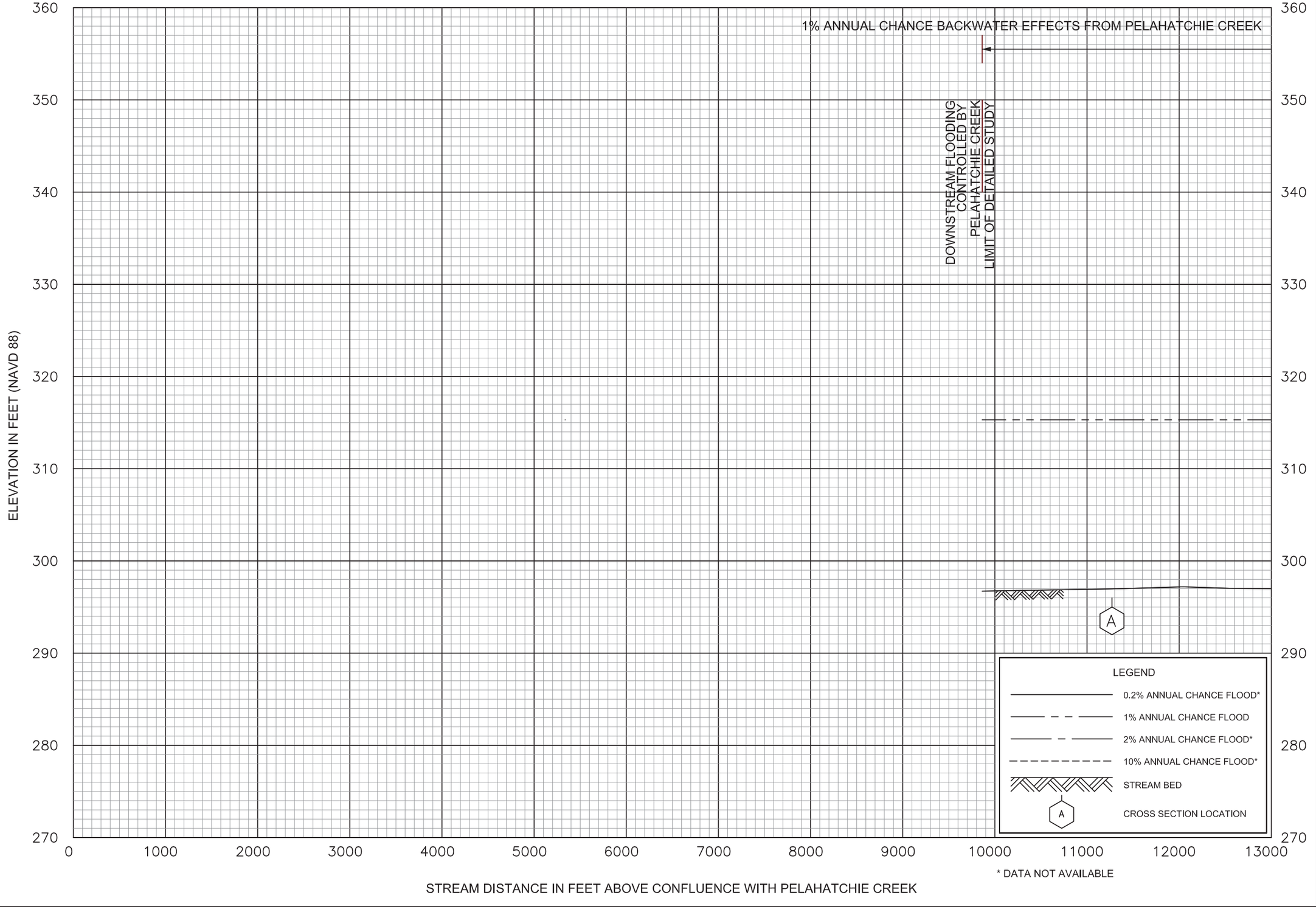
BRUSH BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

01P



FLOOD PROFILES

BRUSH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

02P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM PELAHATCHIE CREEK

PRIVATE ROAD

ANDREW CHAPEL ROAD

CONFLUENCE OF BRUSH BRANCH

ELEVATION IN FEET (NAVD 88)

360
350
340
330
320
310
300
290
280
270

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

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PELAHATCHIE CREEK

B C D E

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

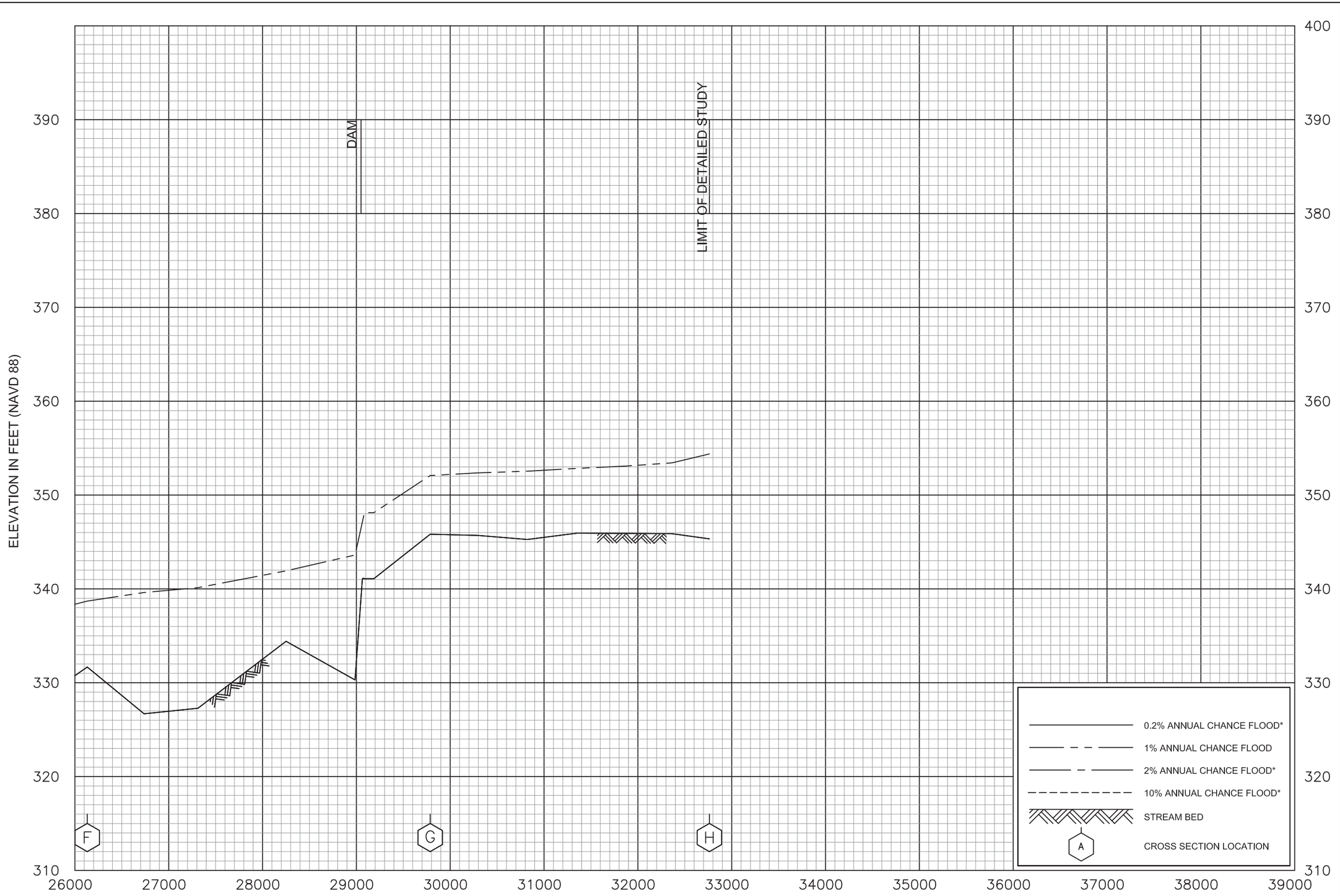
BRUSH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

03P



FLOOD PROFILES

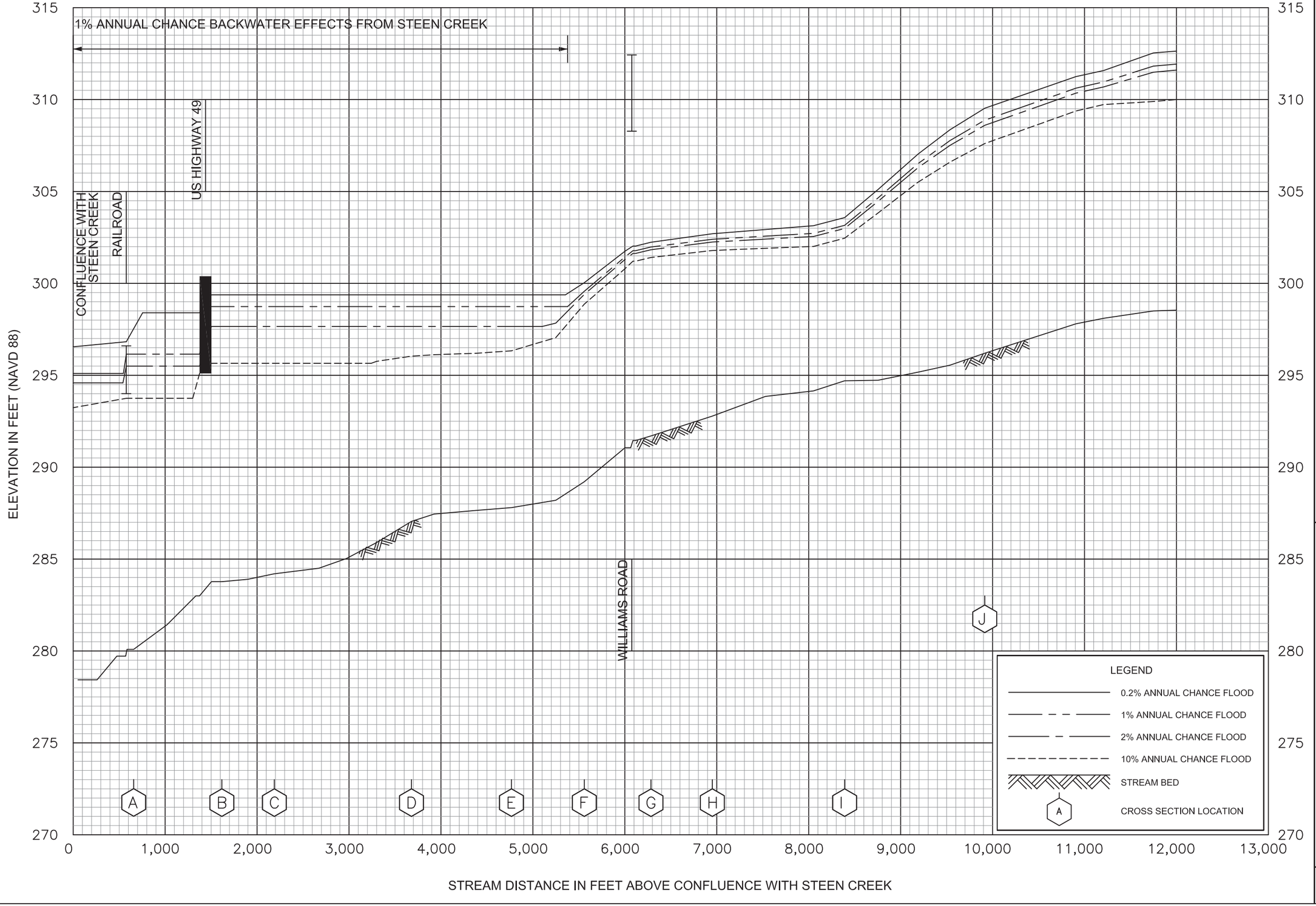
BRUSH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

04P



FLOOD PROFILES

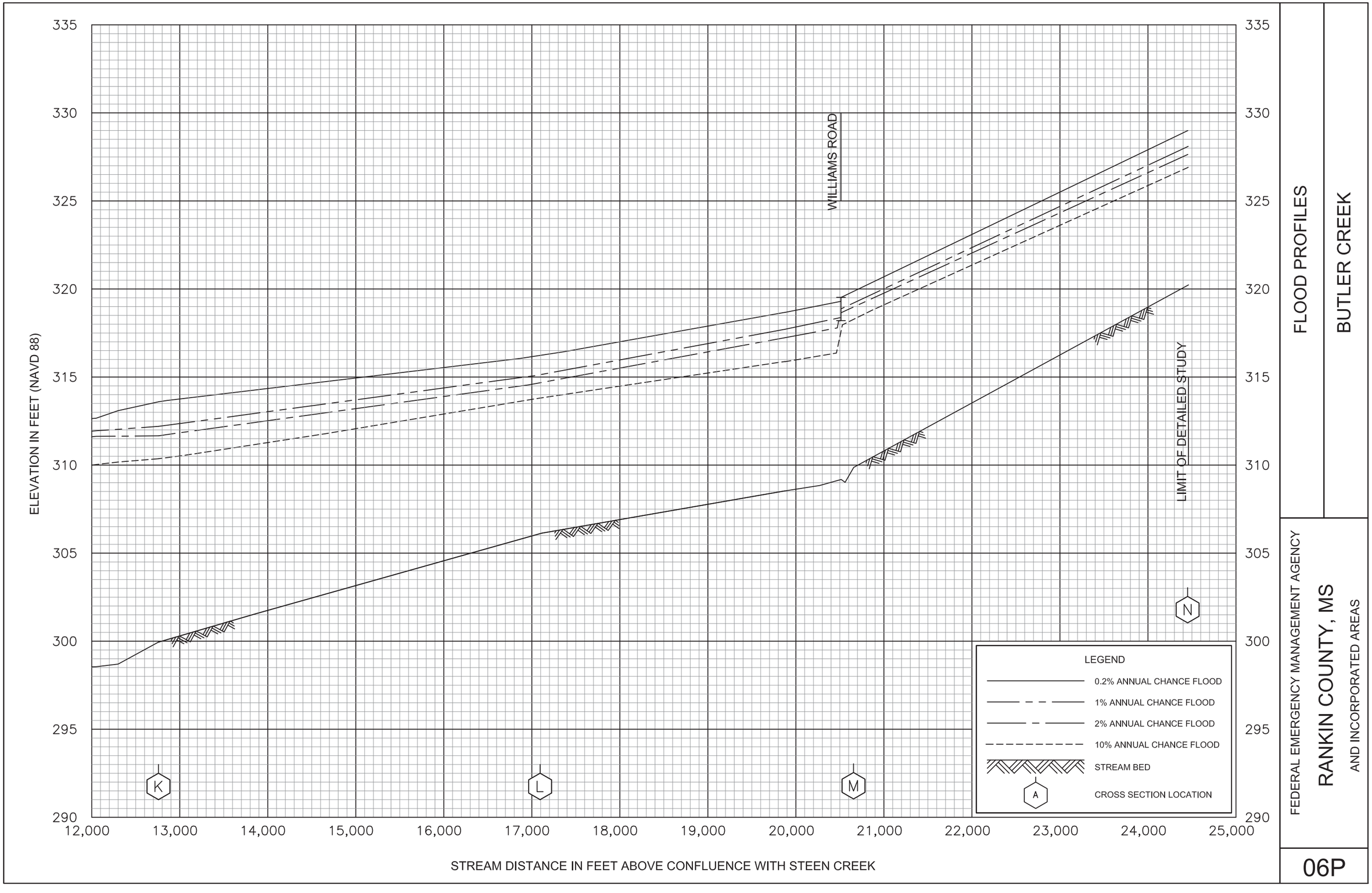
BUTLER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

05P



FLOOD PROFILES

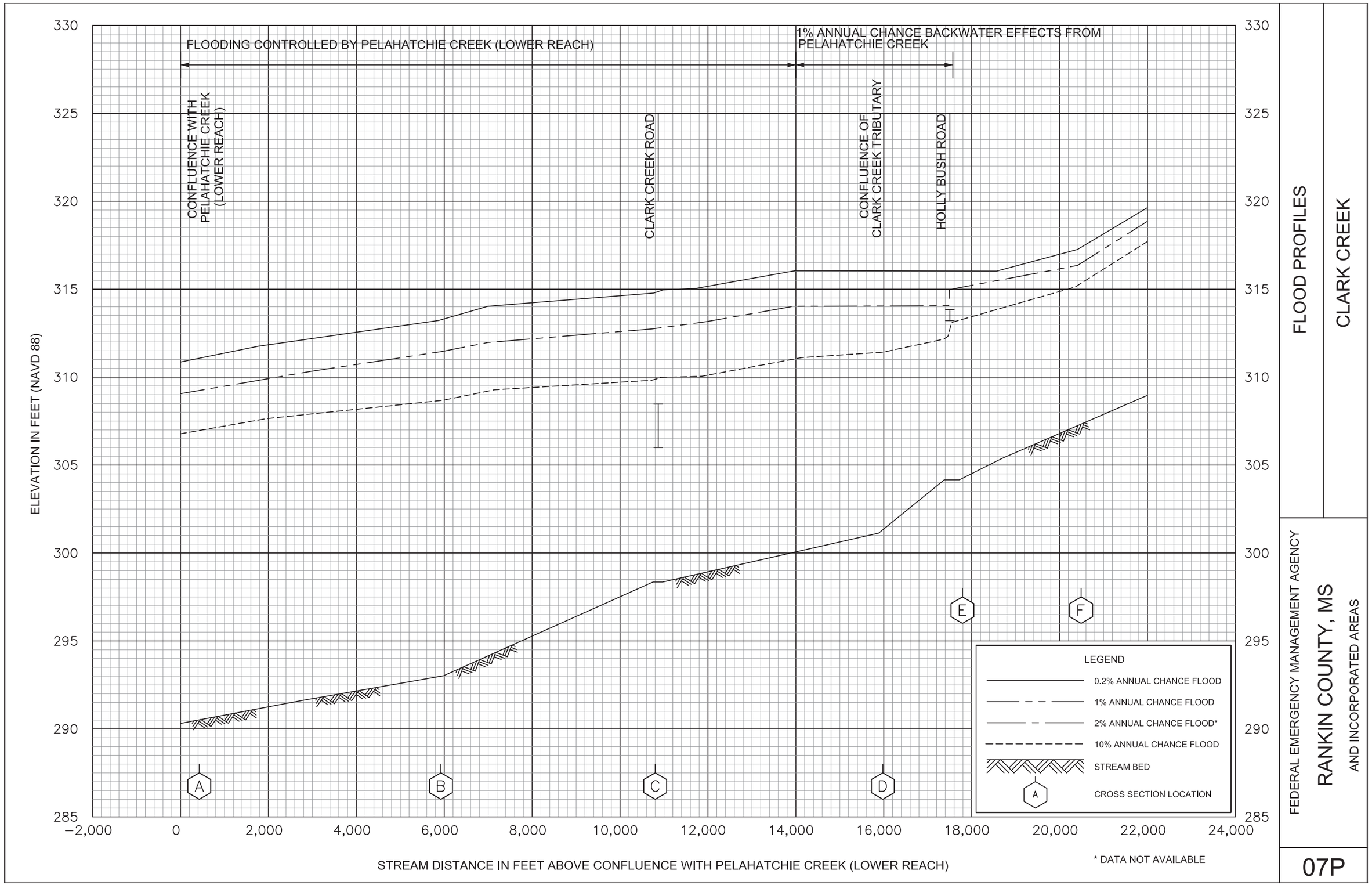
BUTLER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

06P



FLOOD PROFILES

CLARK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

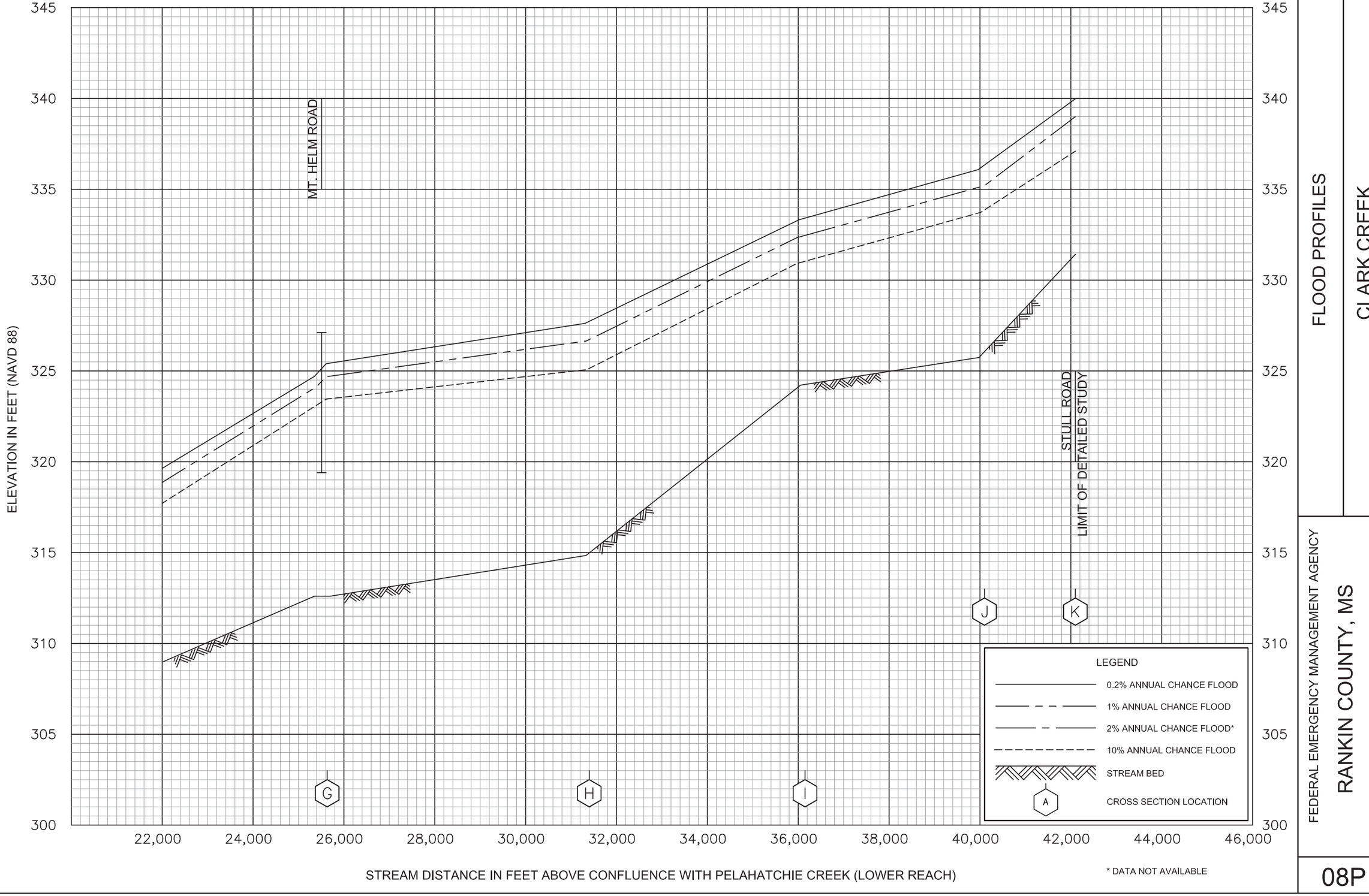
RANKIN COUNTY, MS

AND INCORPORATED AREAS

07P

FLOOD PROFILES

CLARK CREEK

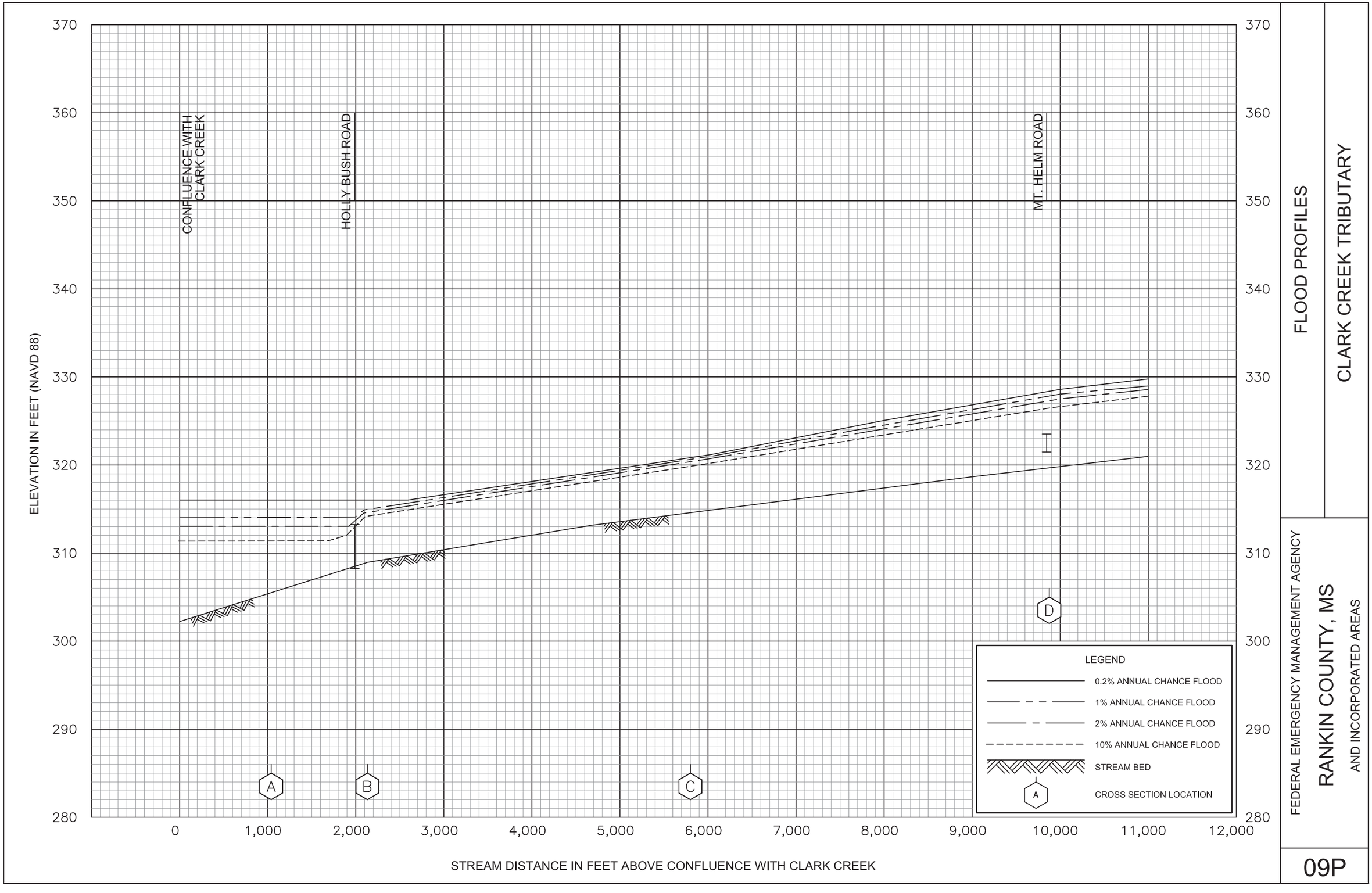


FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

08P



FLOOD PROFILES

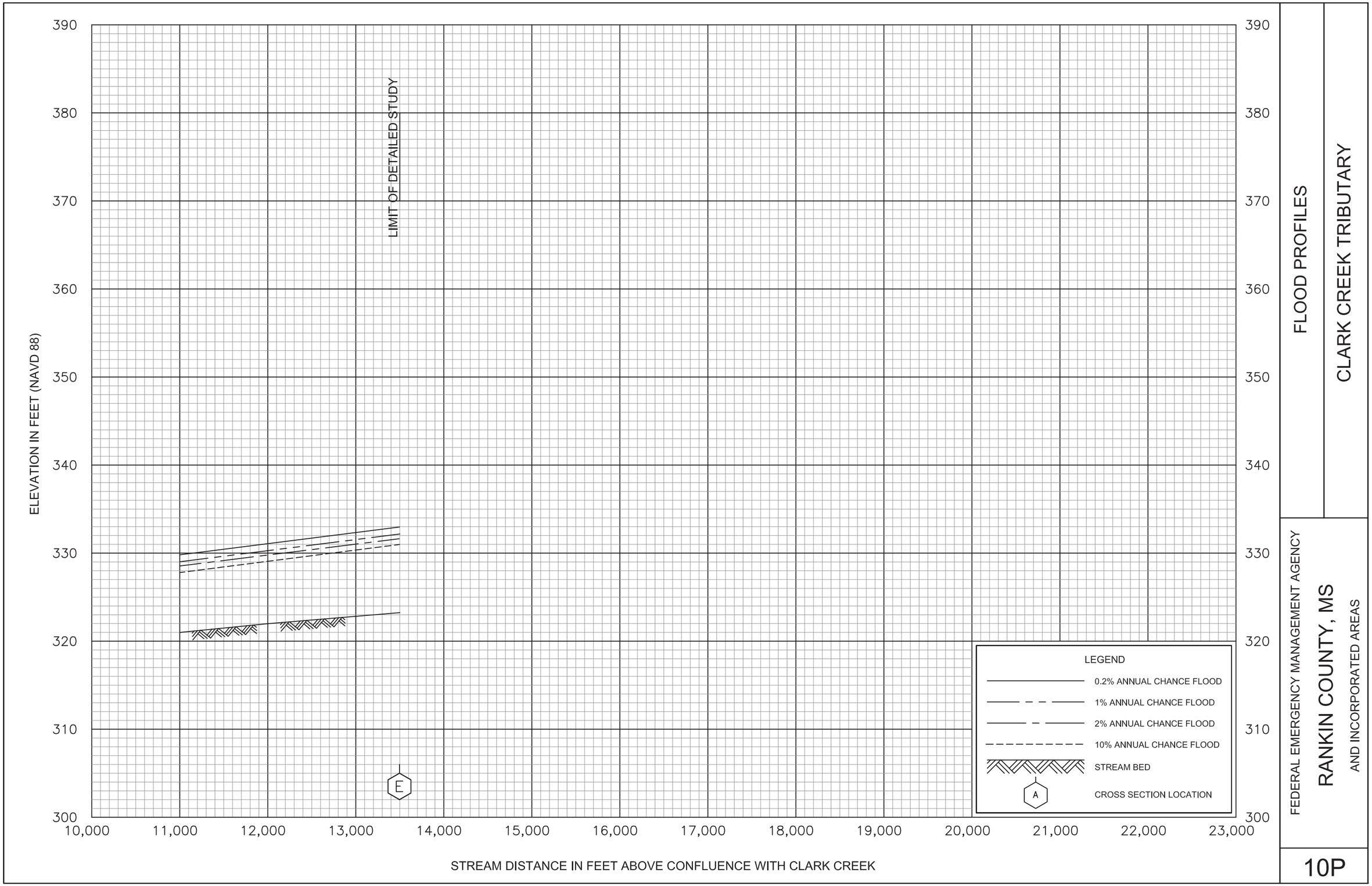
CLARK CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

09P



FLOOD PROFILES

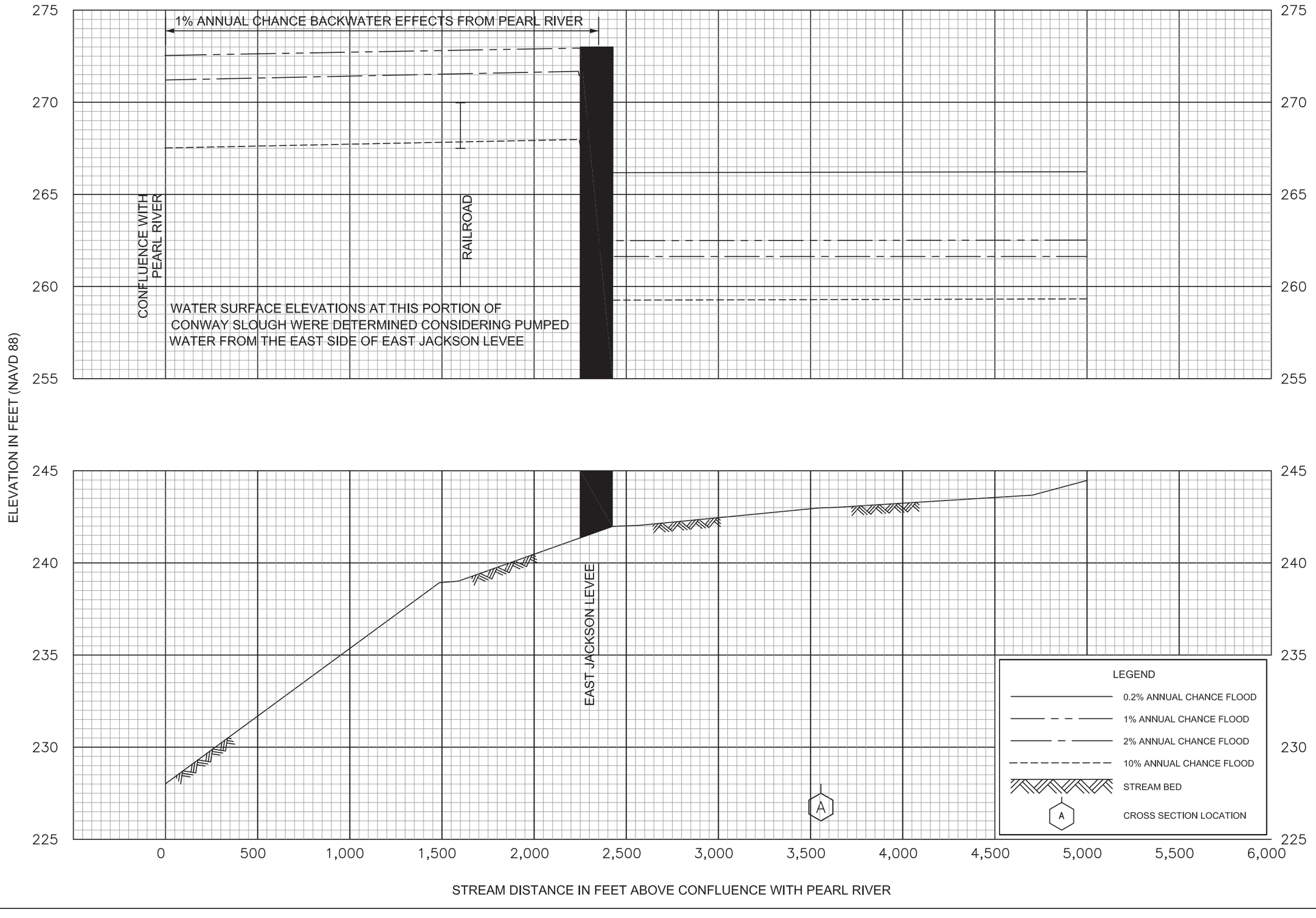
CLARK CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

10P



FLOOD PROFILES

CONWAY SLOUGH

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

11P

ELEVATION IN FEET (NAVD 88)

280
275
270
265
260
255
250
245
240
235

OLD U.S. HIGHWAY 49

B C D

5,000 5,500 6,000 6,500 7,000 7,500 8,000 8,500 9,000 9,500 10,000 10,500 11,000 11,500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PEARL RIVER

LEGEND

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

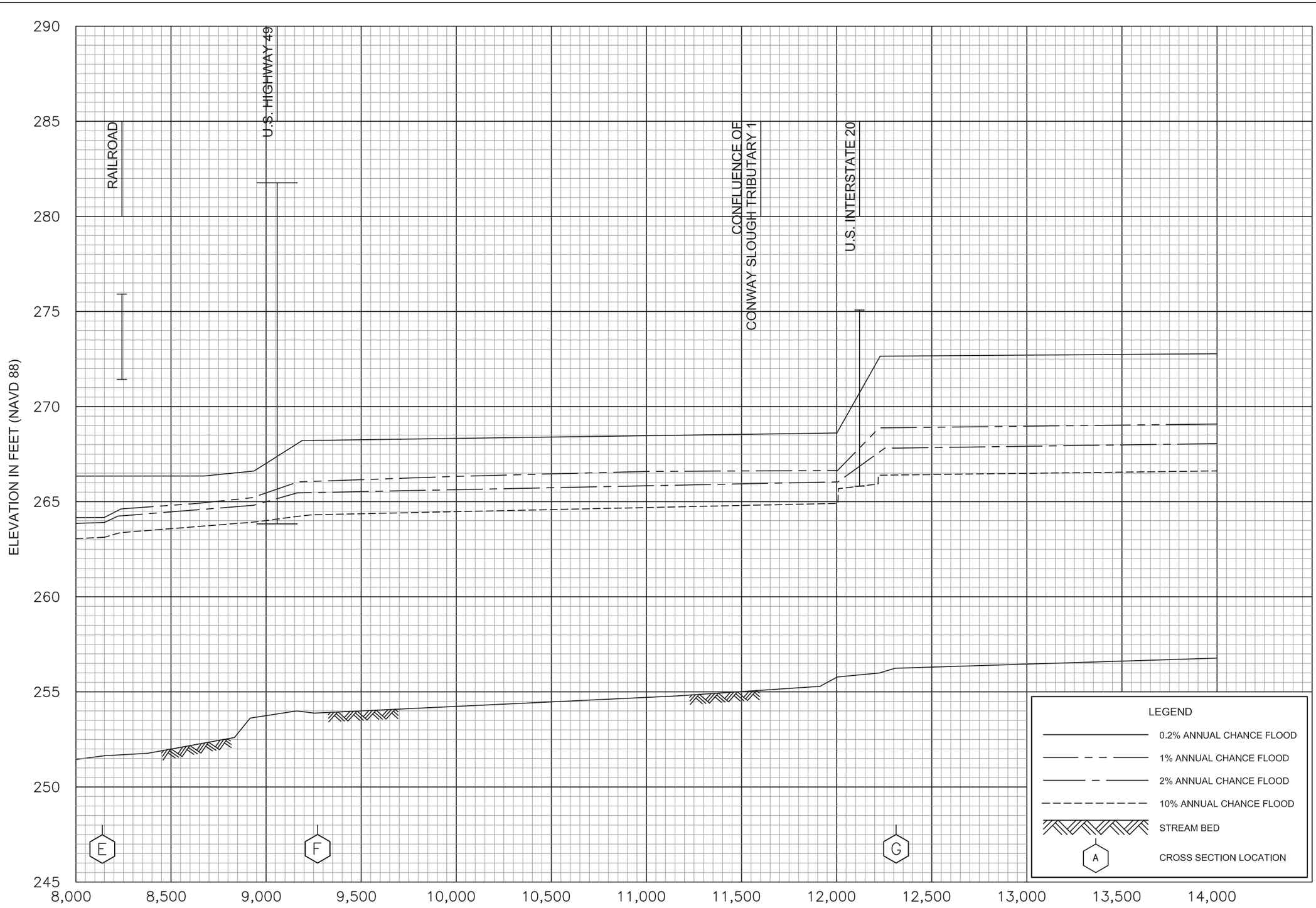
FLOOD PROFILES

CONWAY SLOUGH

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

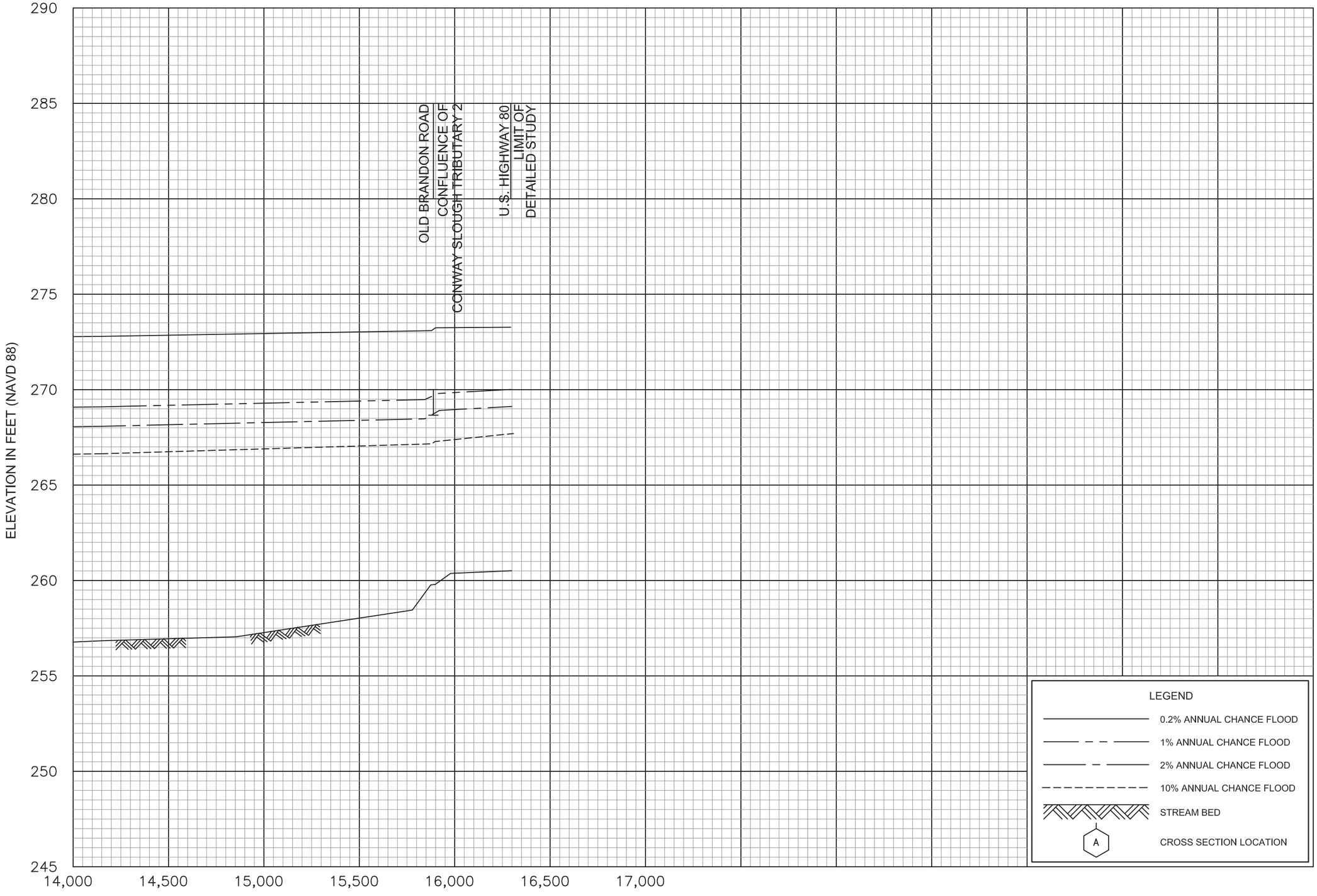
CONWAY SLOUGH

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

13P



FLOOD PROFILES

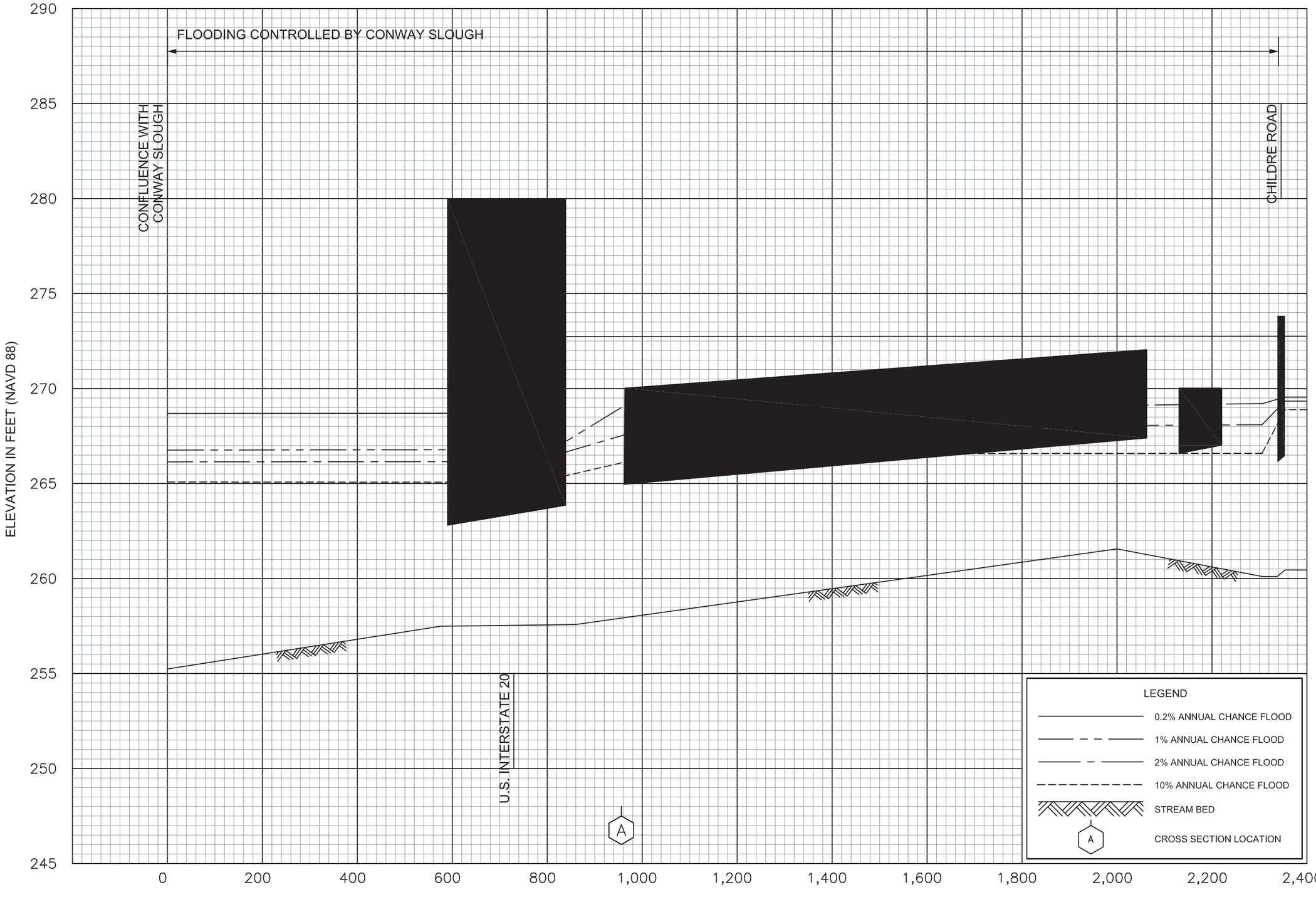
CONWAY SLOUGH

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

14P



FLOOD PROFILES

CONWAY SLOUGH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

15P

THE 2.0-PERCENT ANNUAL CHANCE FLOOD PROFILE IS TOO CLOSE TO THE 1-PERCENT ANNUAL CHANCE ELEVATION TO BE SHOWN SEPERATELY

RIVERWIND DRIVE

ELEVATION IN FEET (NAVD 88)

290
285
280
275
270
265
260
255
250
245

2,400 2,600 2,800 3,000 3,200 3,400 3,600 3,800 4,000 4,200 4,400 4,600 4,800 5,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CONWAY SLOUGH

B

LEGEND

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

FLOOD PROFILES

CONWAY SLOUGH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

16P

THE 2.0-PERCENT ANNUAL CHANCE FLOOD PROFILE IS TOO CLOSE TO THE 1-PERCENT ANNUAL CHANCE ELEVATION TO BE SHOWN SEPERATELY

0.2-, 2.0-, AND 10-PERCENT ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE TO THE 1 PERCENT ANNUAL CHANCE ELEVATION TO BE SHOWN SEPERATELY

THE 2.0-PERCENT ANNUAL CHANCE FLOOD PROFILE IS TOO CLOSE TO THE 1-PERCENT ANNUAL CHANCE ELEVATION TO BE SHOWN SEPERATELY

U.S. INTERSTATE 20

WHITE BOULEVARD

ELEVATION IN FEET (NAVD 88)

300
295
290
285
280
275
270
265
260
255

5,000 5,200 5,400 5,600 5,800 6,000 6,200 6,400 6,600 6,800 7,000 7,200 7,400 7,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CONWAY SLOUGH

C

D

LEGEND

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

FLOOD PROFILES

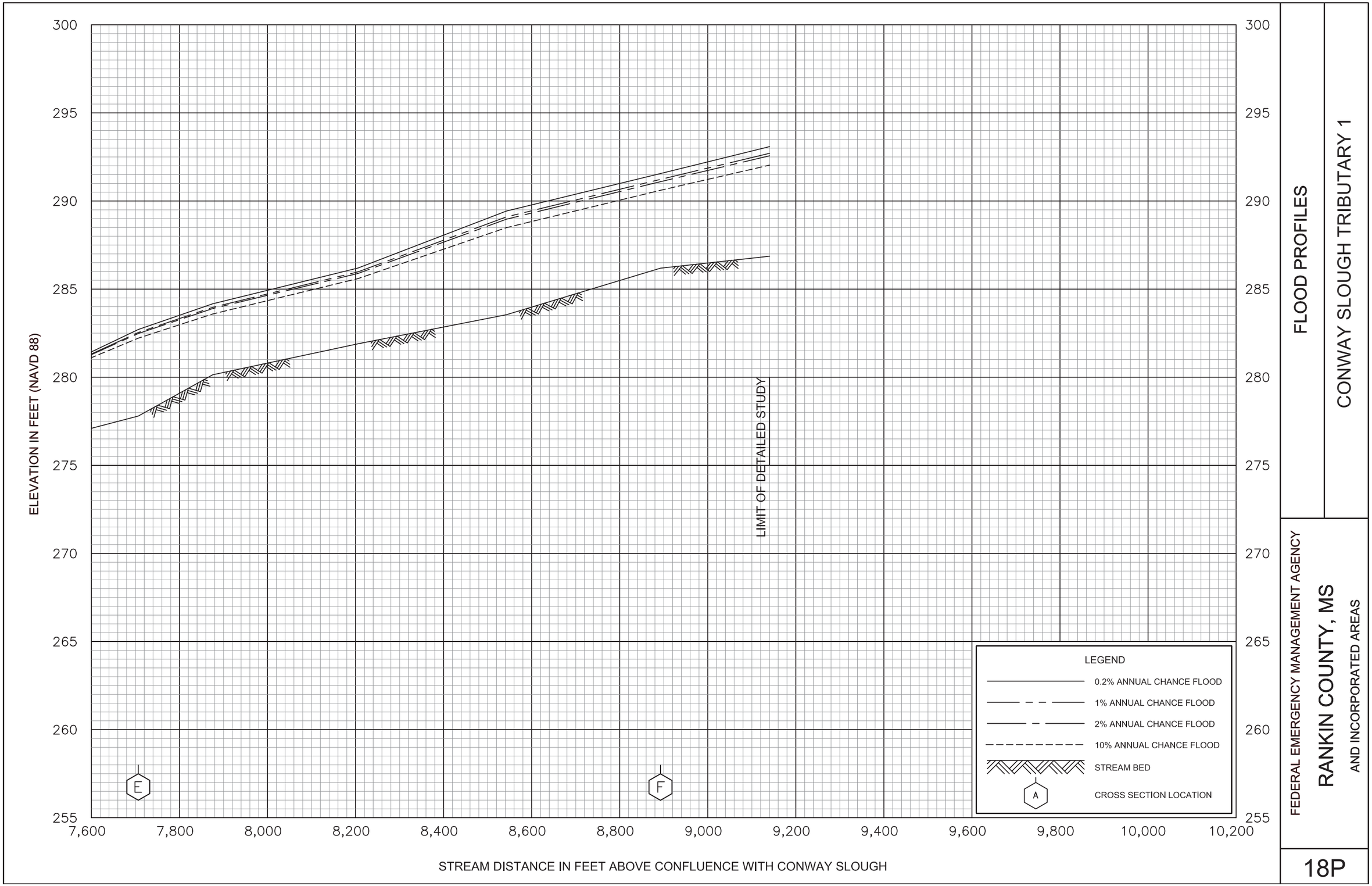
CONWAY SLOUGH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

17P



FLOOD PROFILES

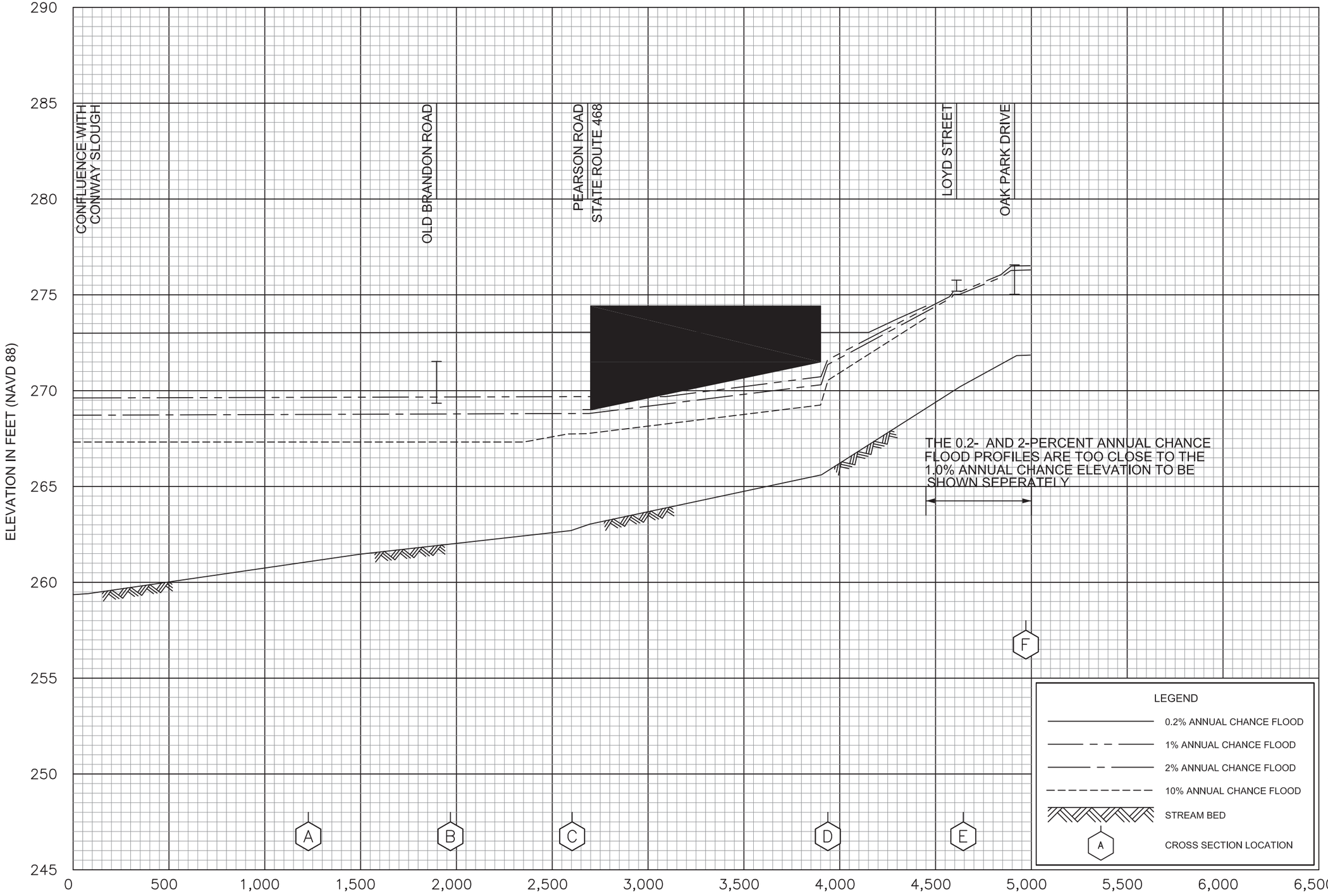
CONWAY SLOUGH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

18P



FLOOD PROFILES

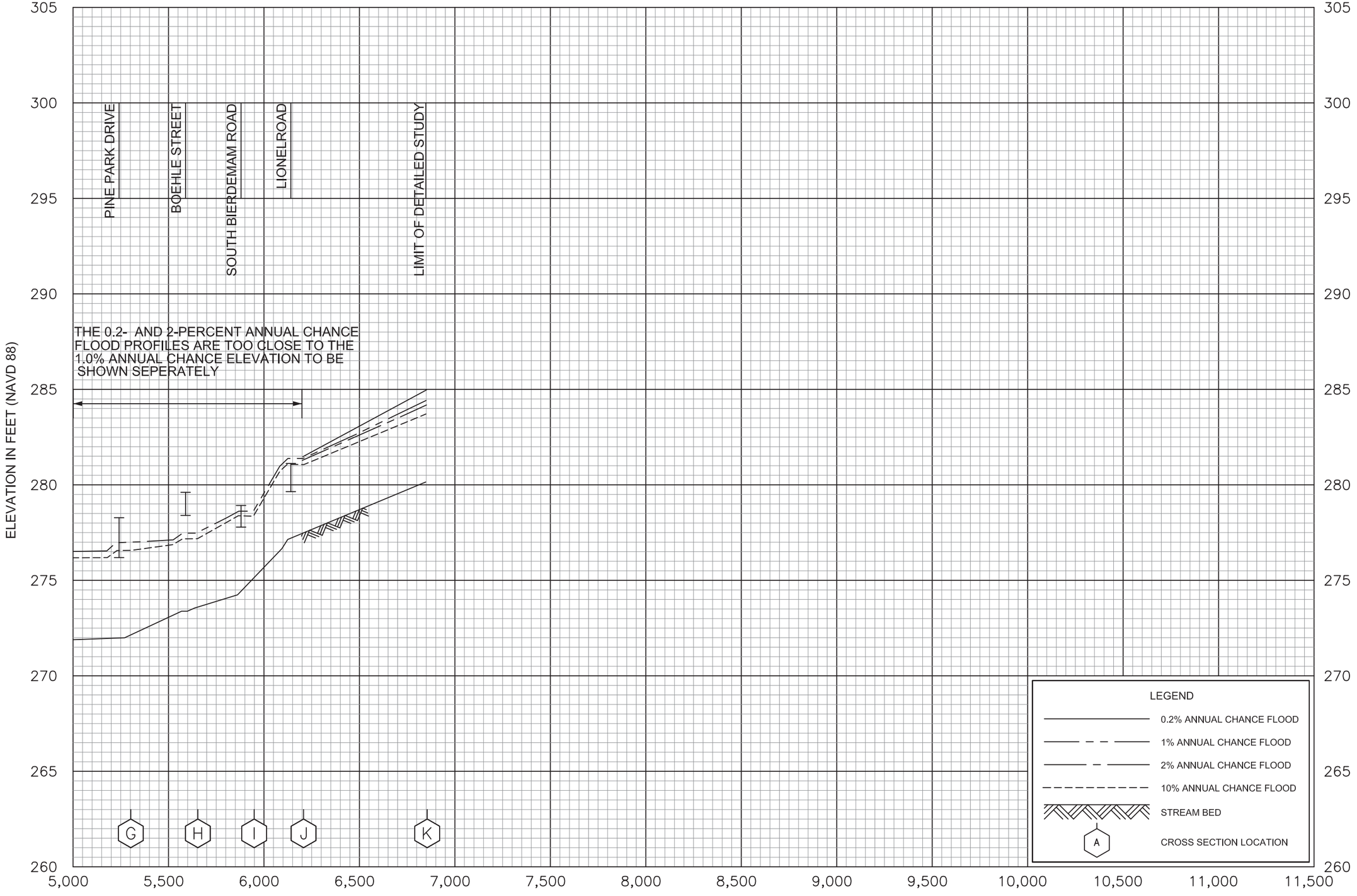
CONWAY SLOUGH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

19P



FLOOD PROFILES

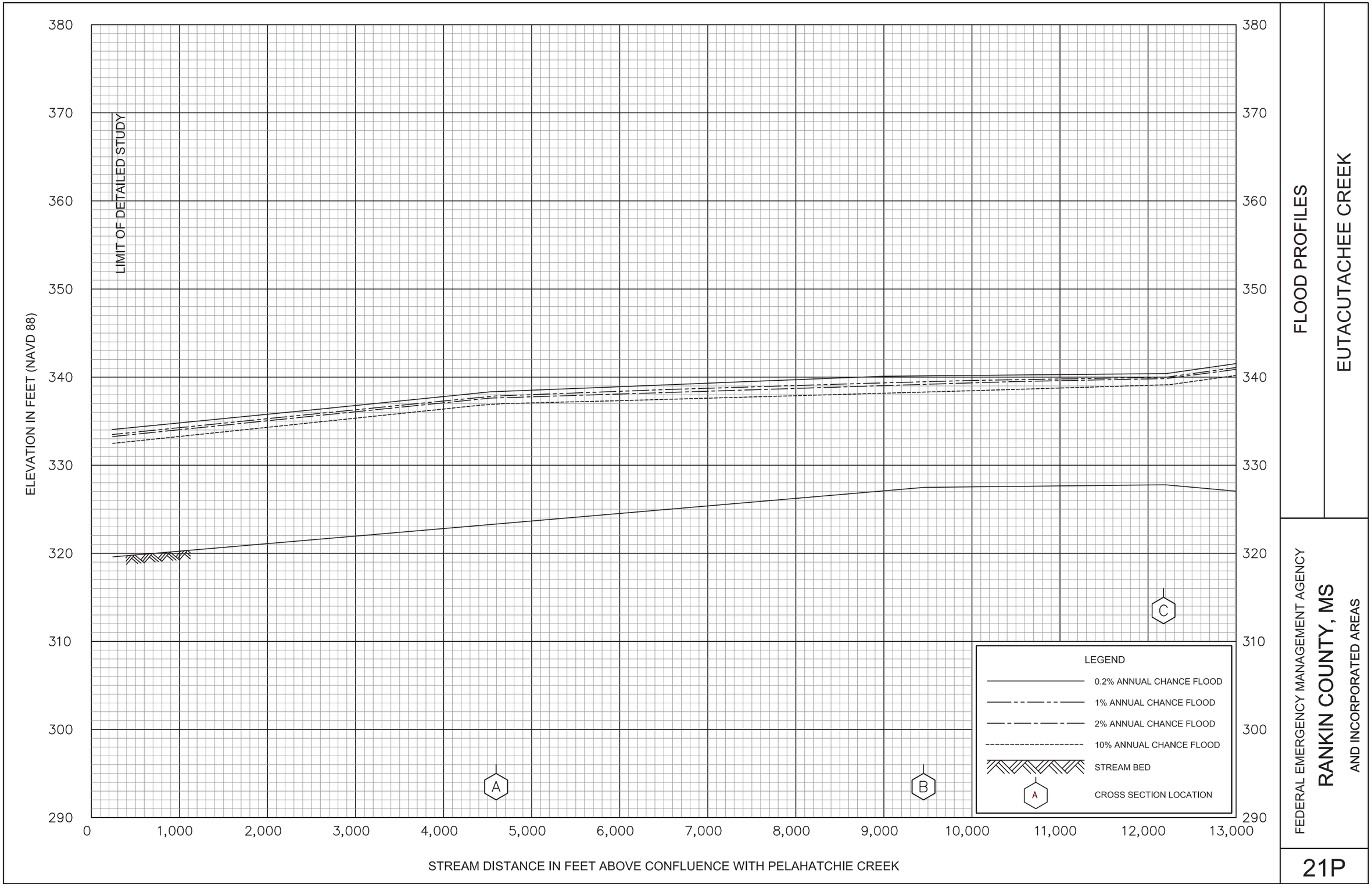
CONWAY SLOUGH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

20P



FLOOD PROFILES

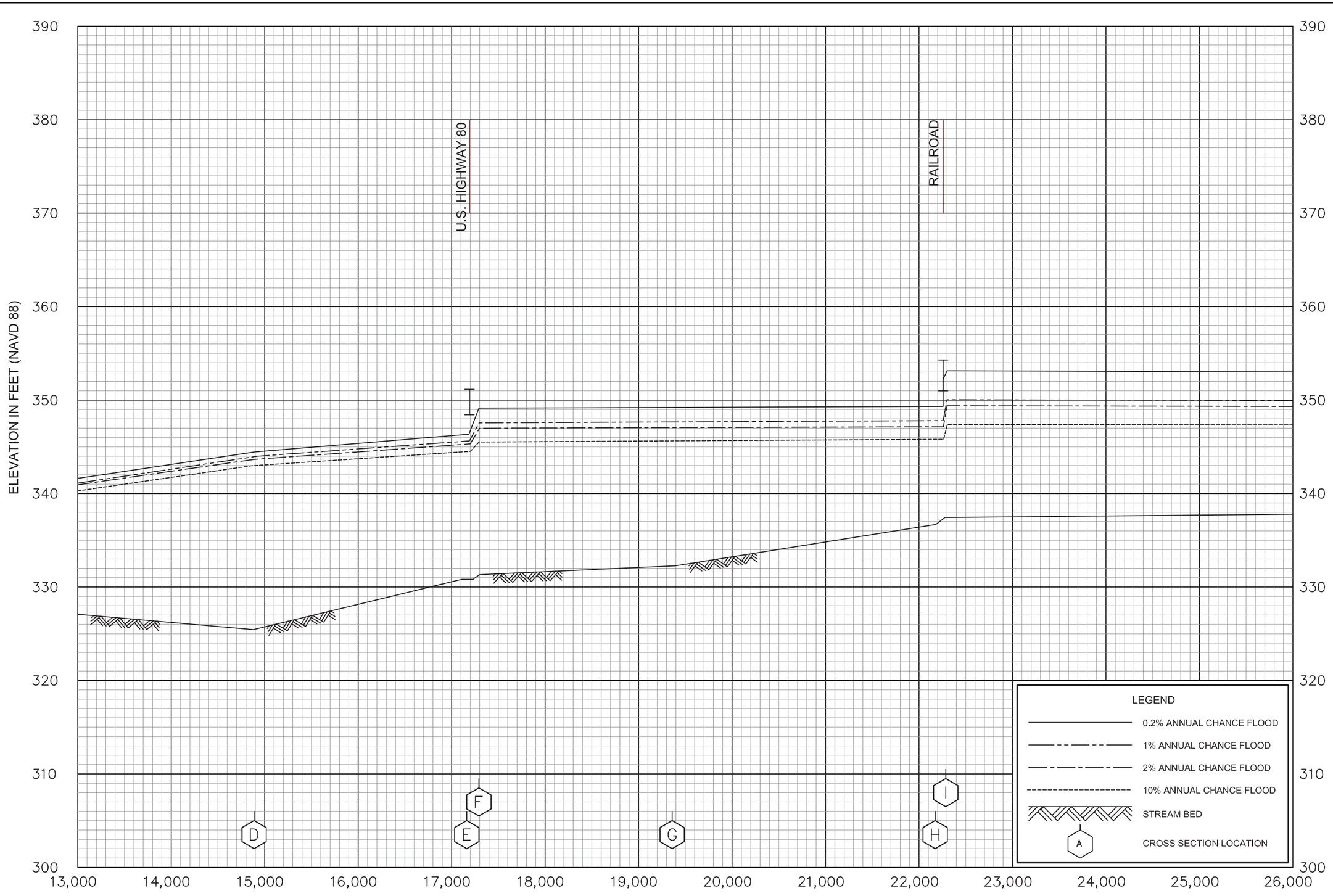
EUTACUTACHEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

21P



FLOOD PROFILES

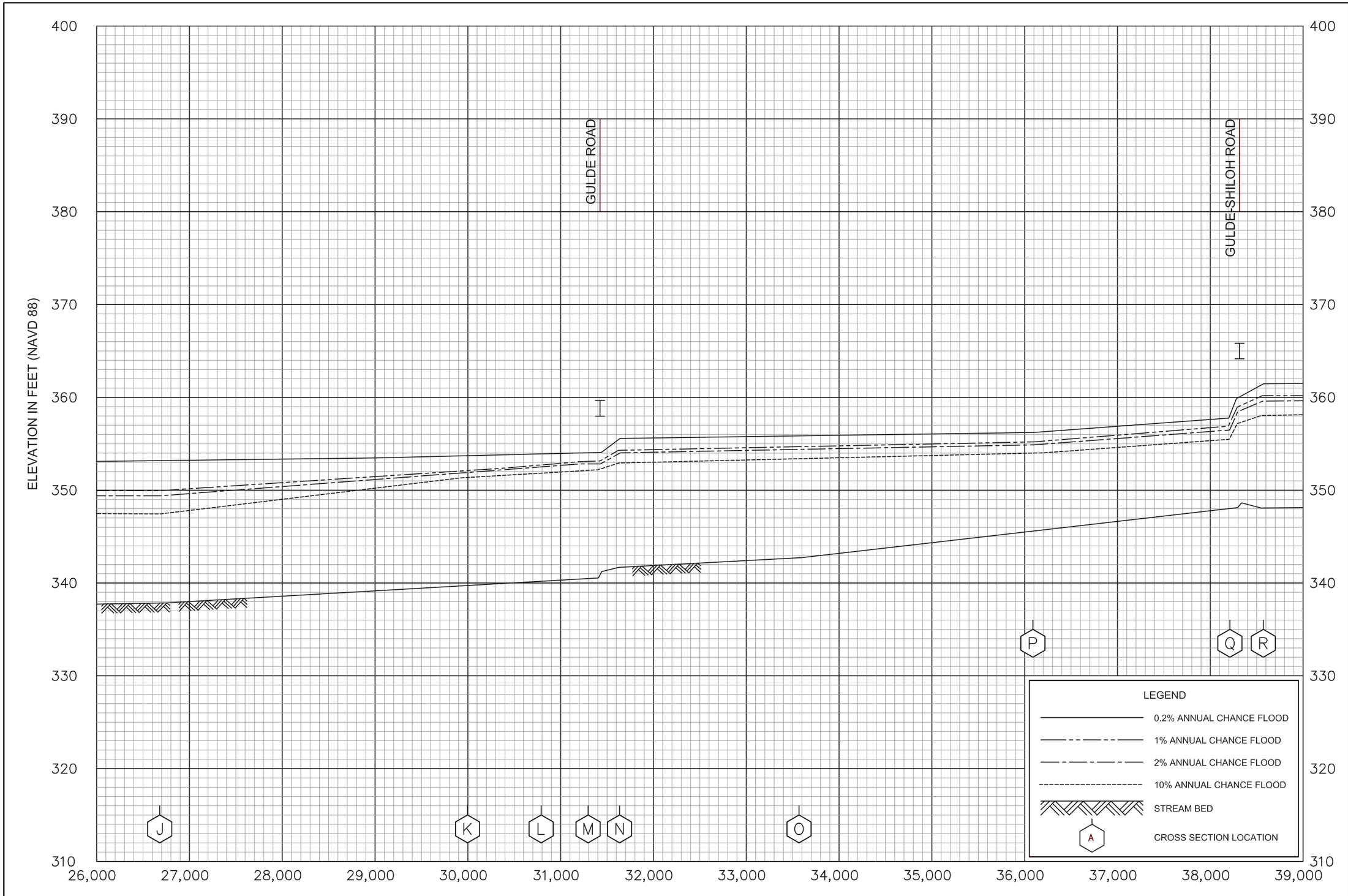
EUTACUTACHEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

22P



FLOOD PROFILES

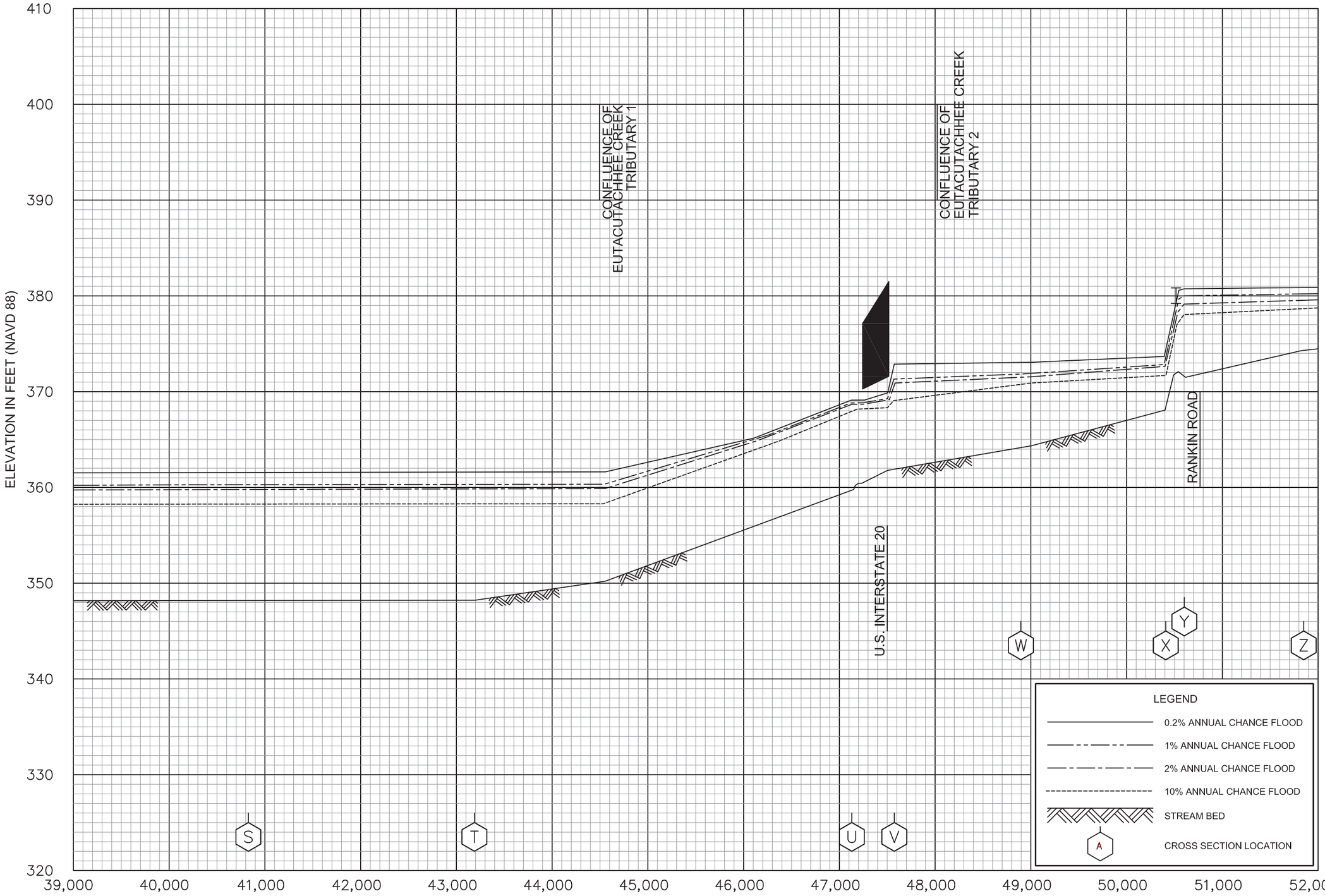
EUTACUTACHEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

23P



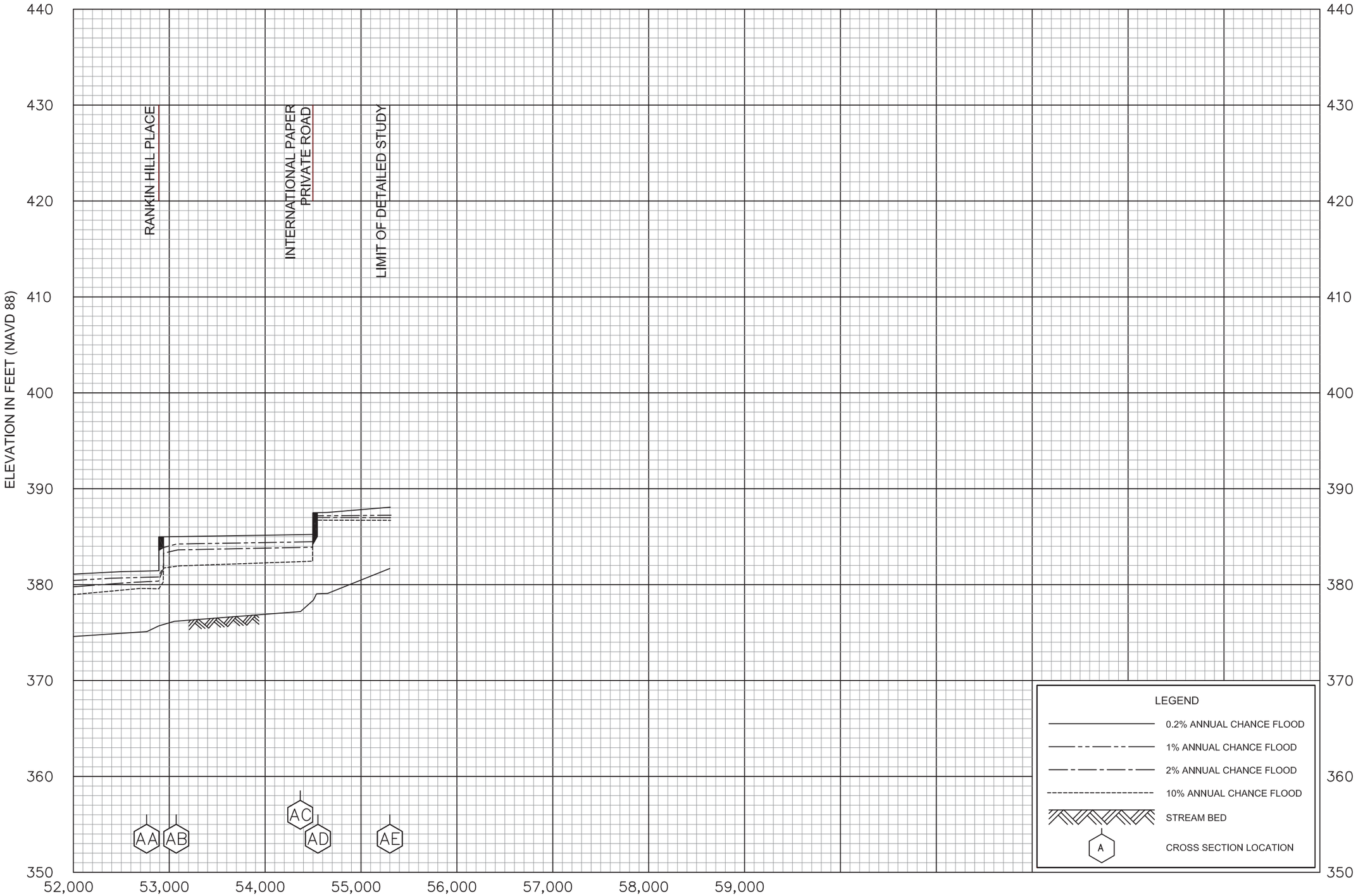
FLOOD PROFILES

EUTACUTACHEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

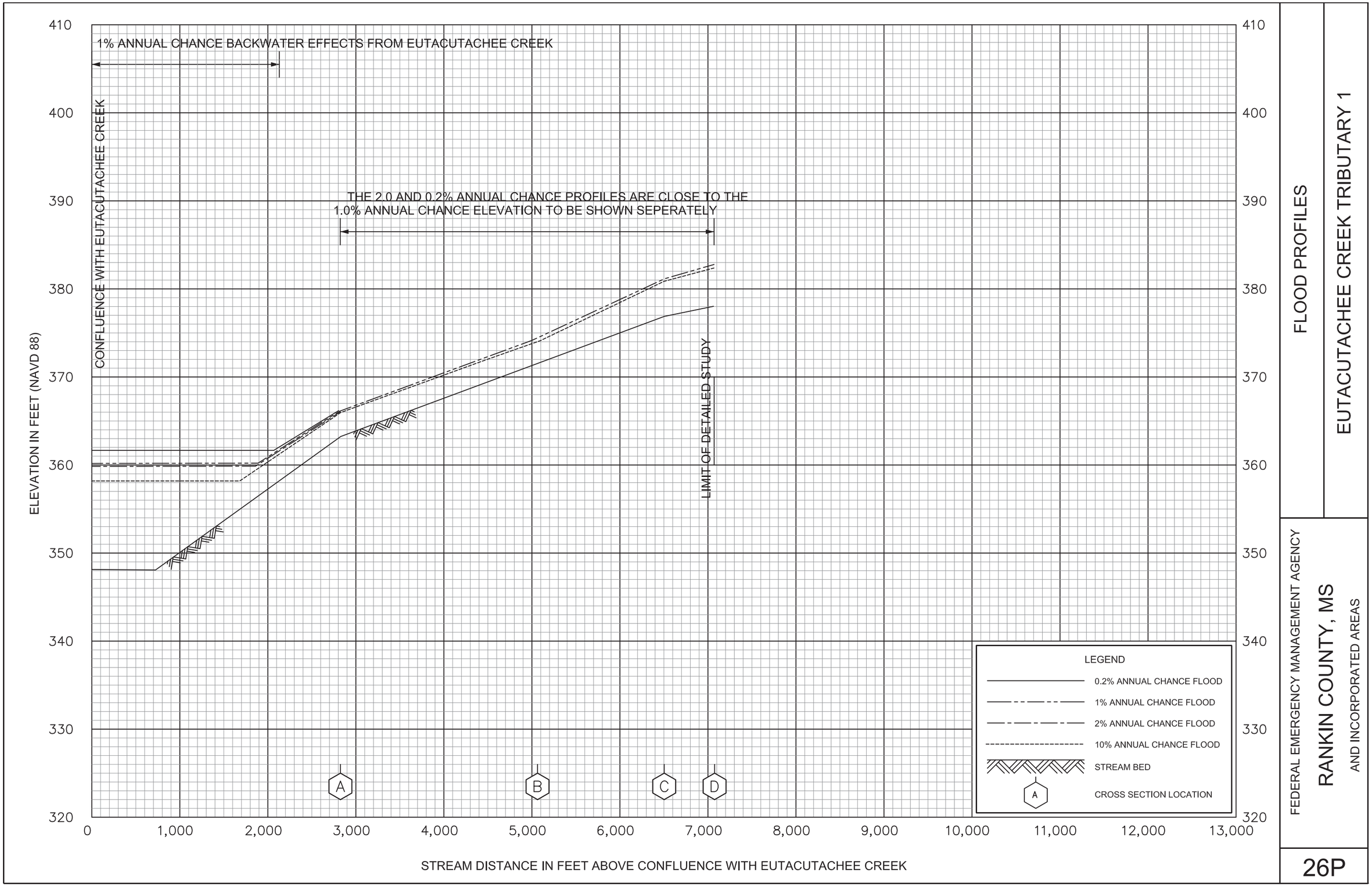
EUTACUTACHEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

25P



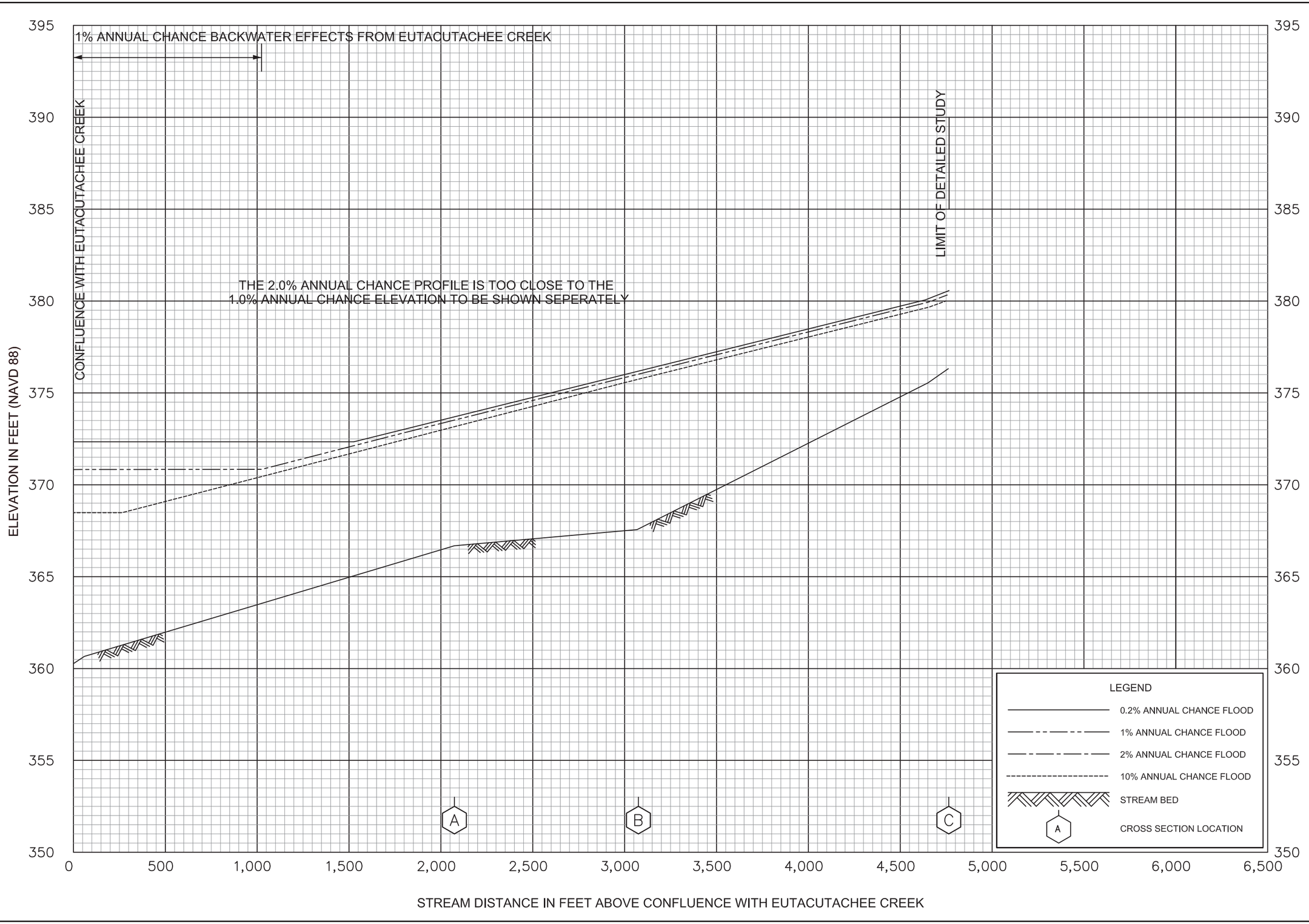
FLOOD PROFILES

EUTACUTACHEE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



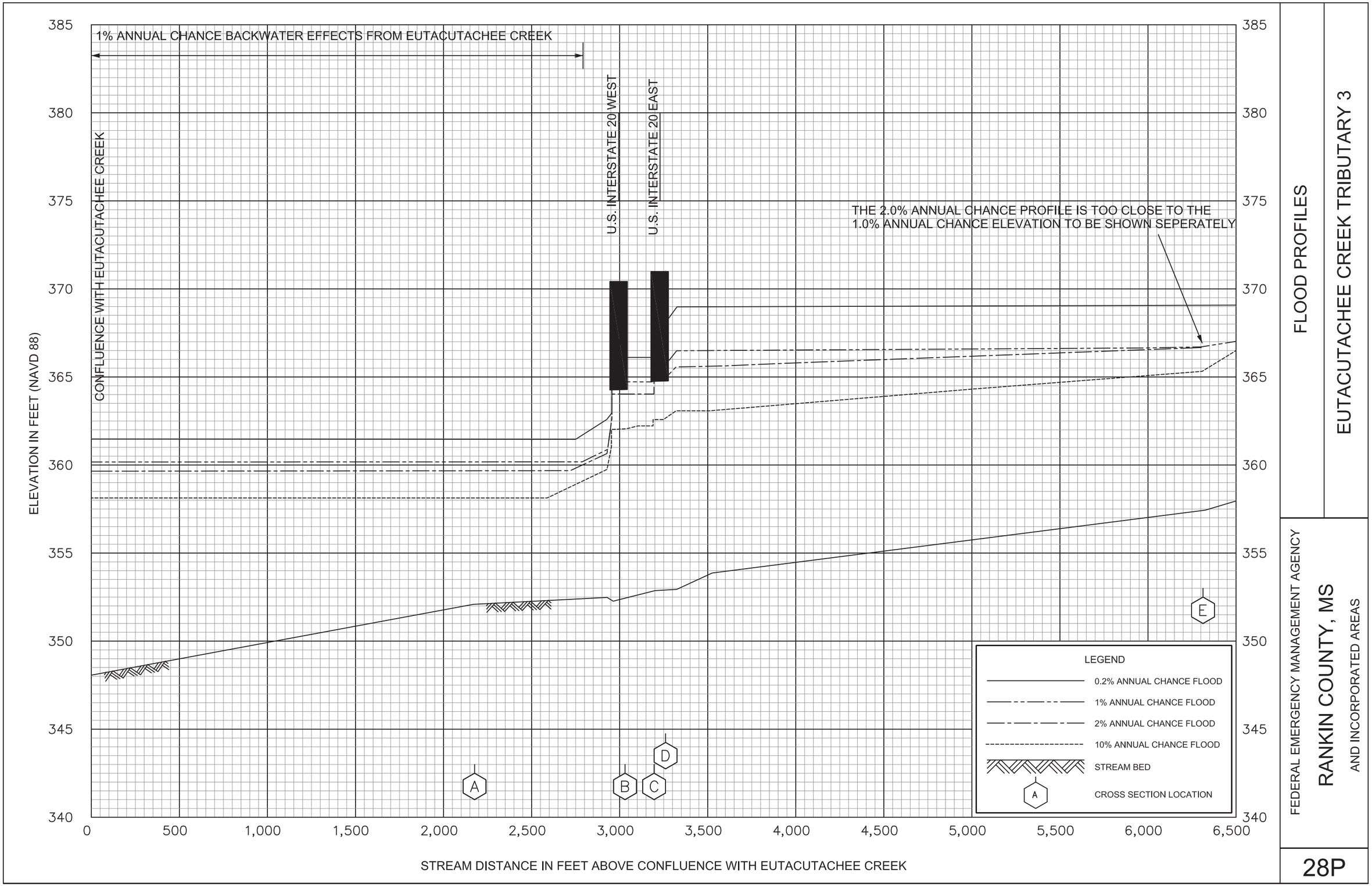
FLOOD PROFILES

EUTACUTACHEE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

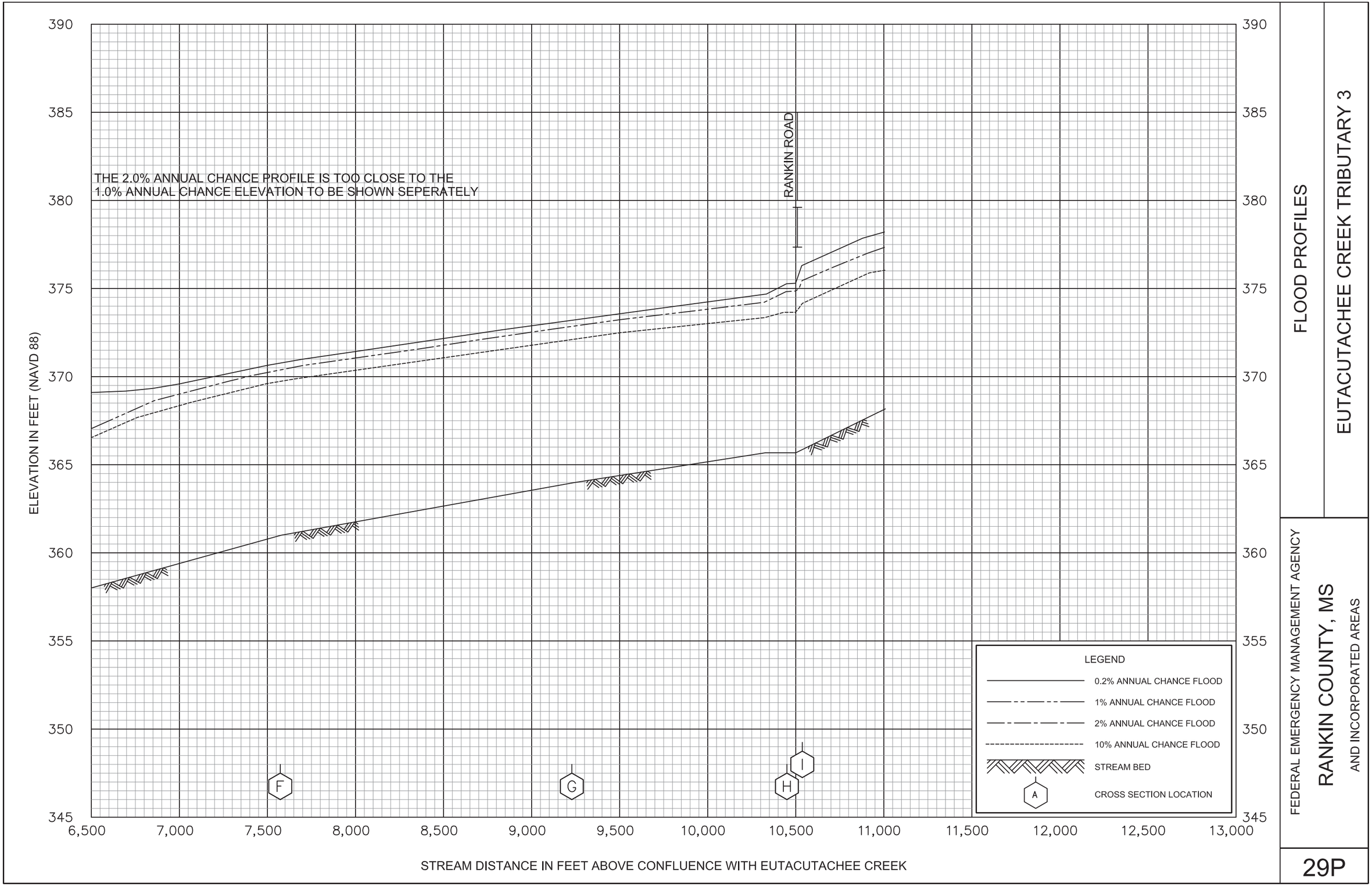
EUTACUTACHEE CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

28P



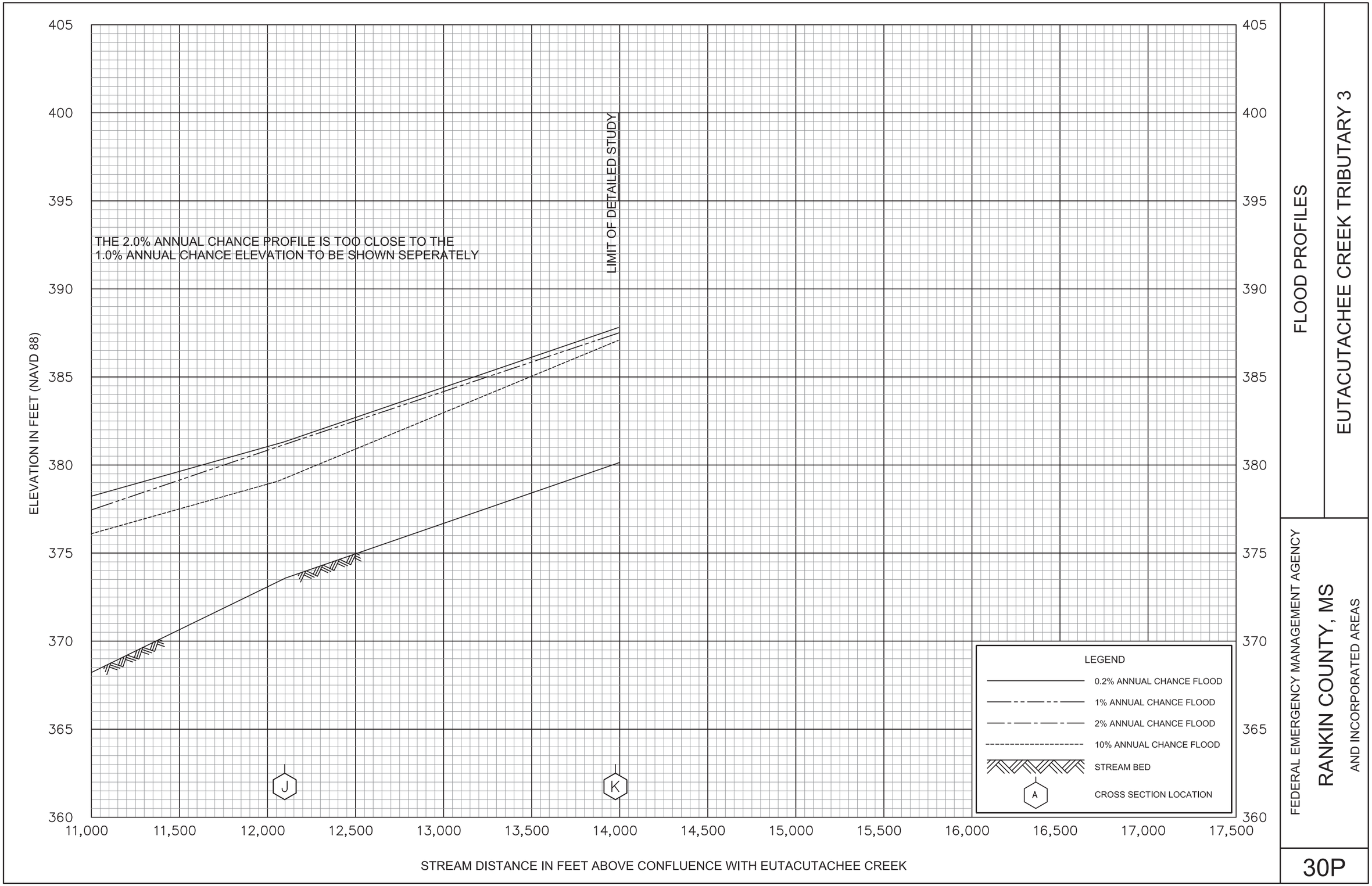
FLOOD PROFILES

EUTACUTACHEE CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

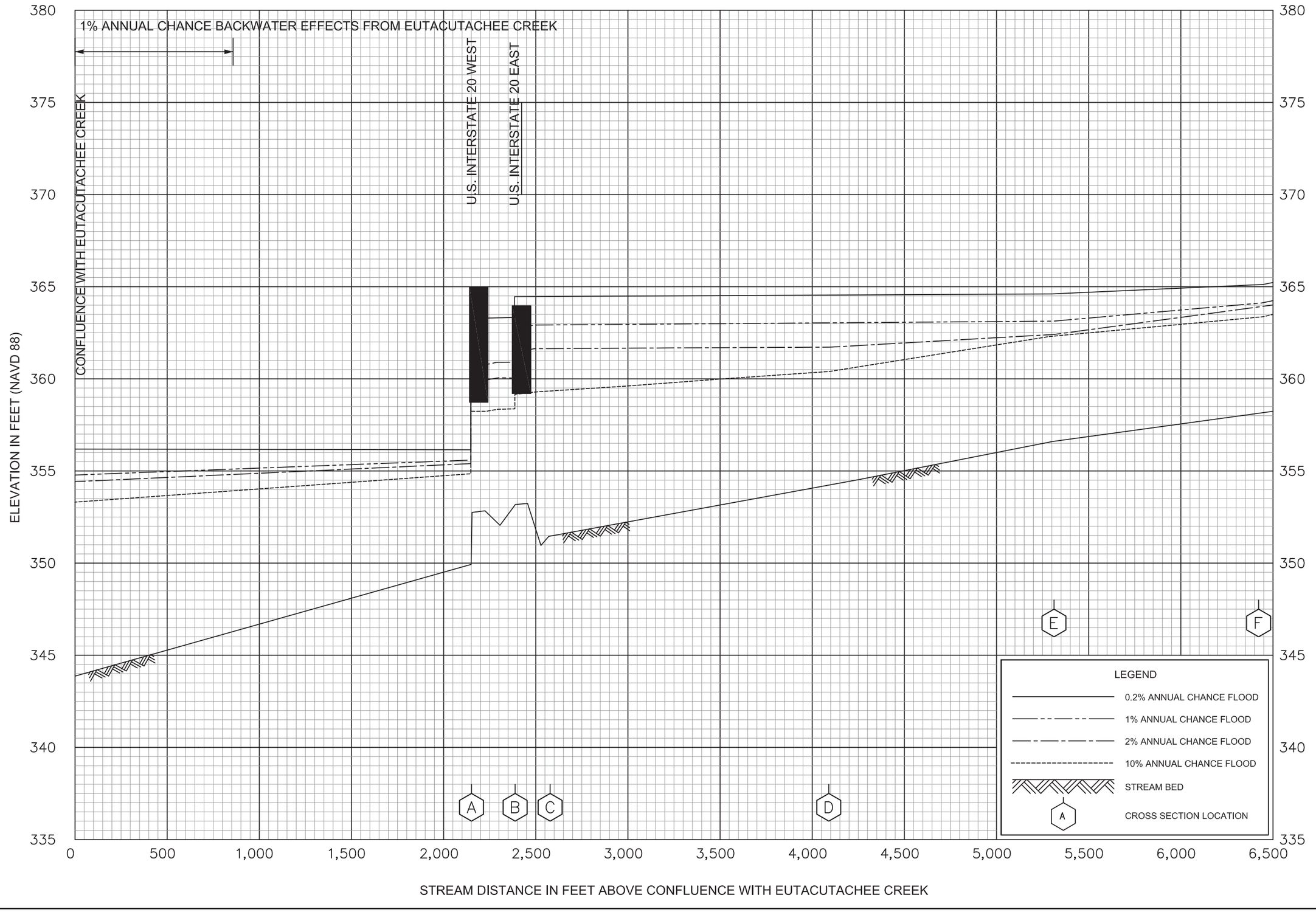
EUTACUTACHEE CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

30P



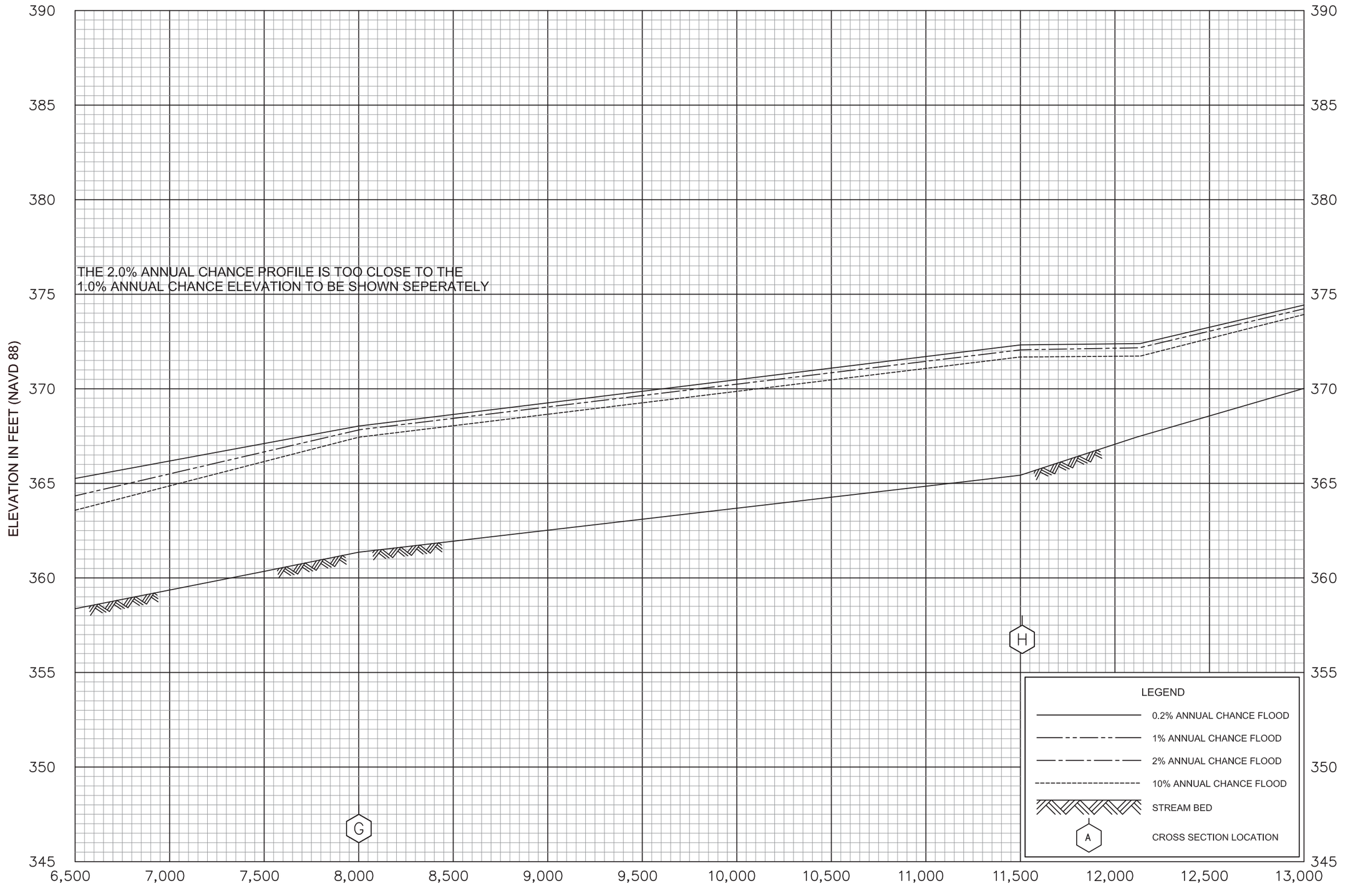
FLOOD PROFILES

EUTACUTACHEE CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



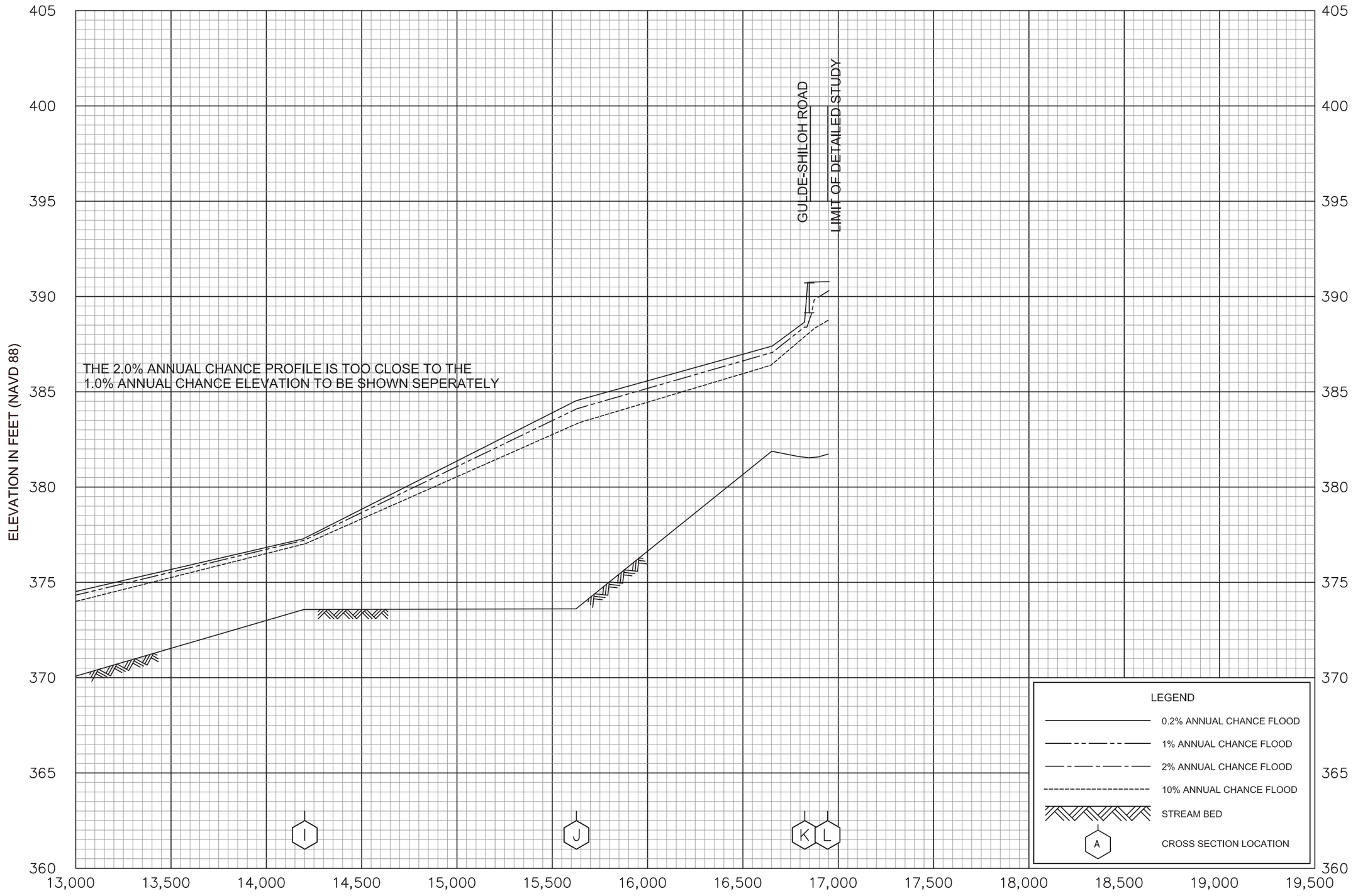
FLOOD PROFILES

EUTACUTACHEE CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

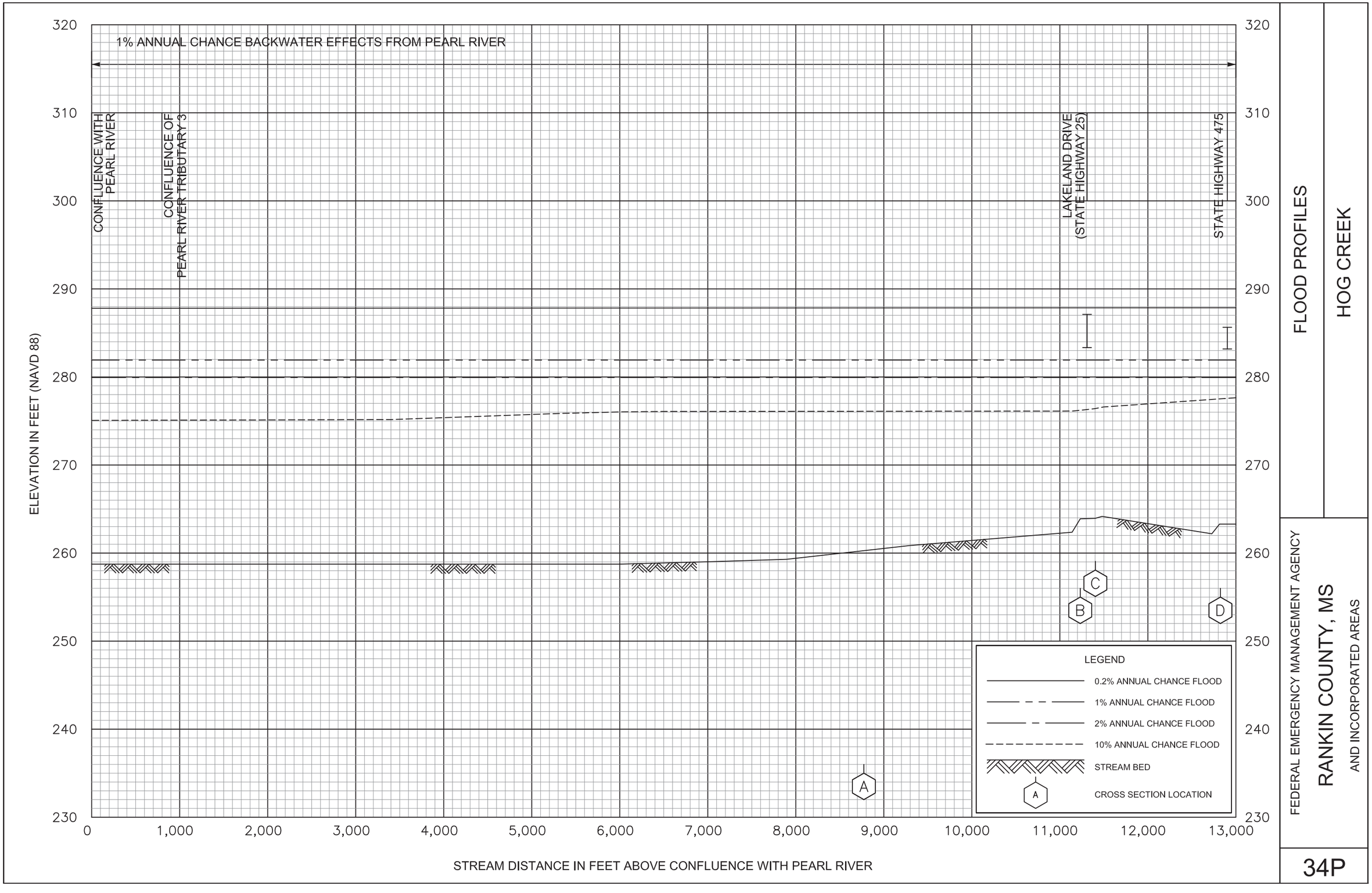
EUTACUTACHEE CREEK TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

33P



FLOOD PROFILES

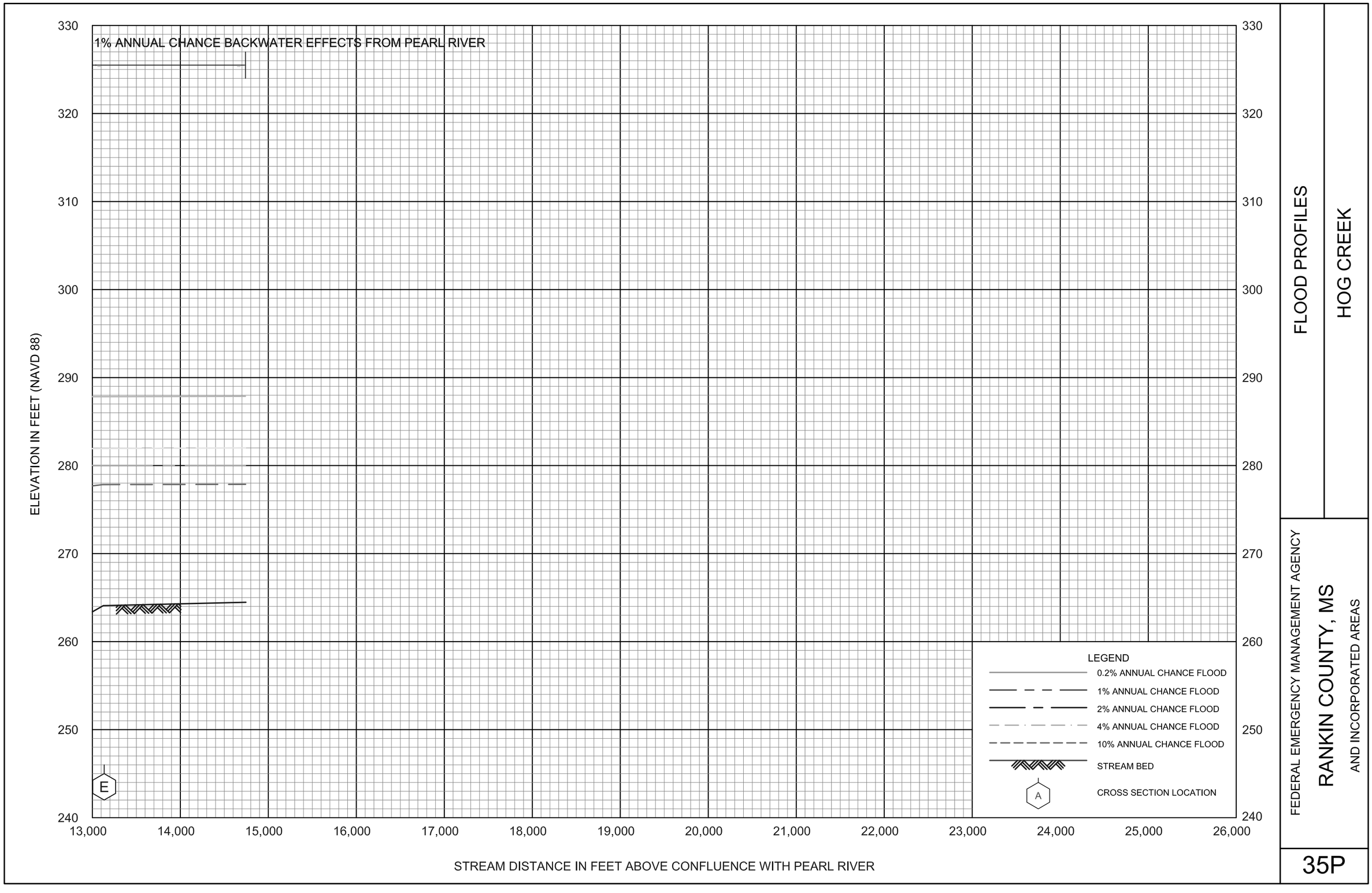
HOG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

34P



FLOOD PROFILES

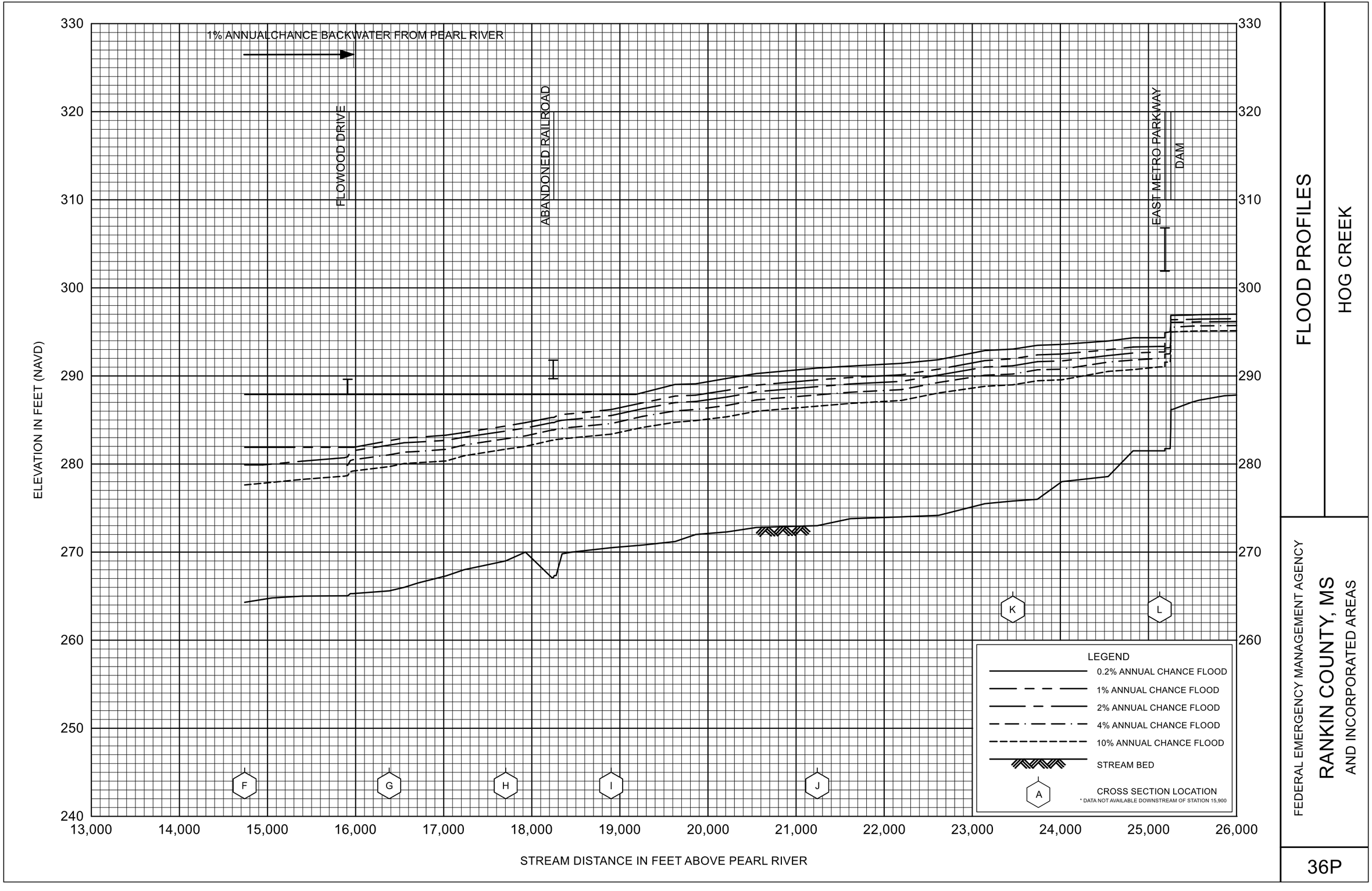
HOG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

35P



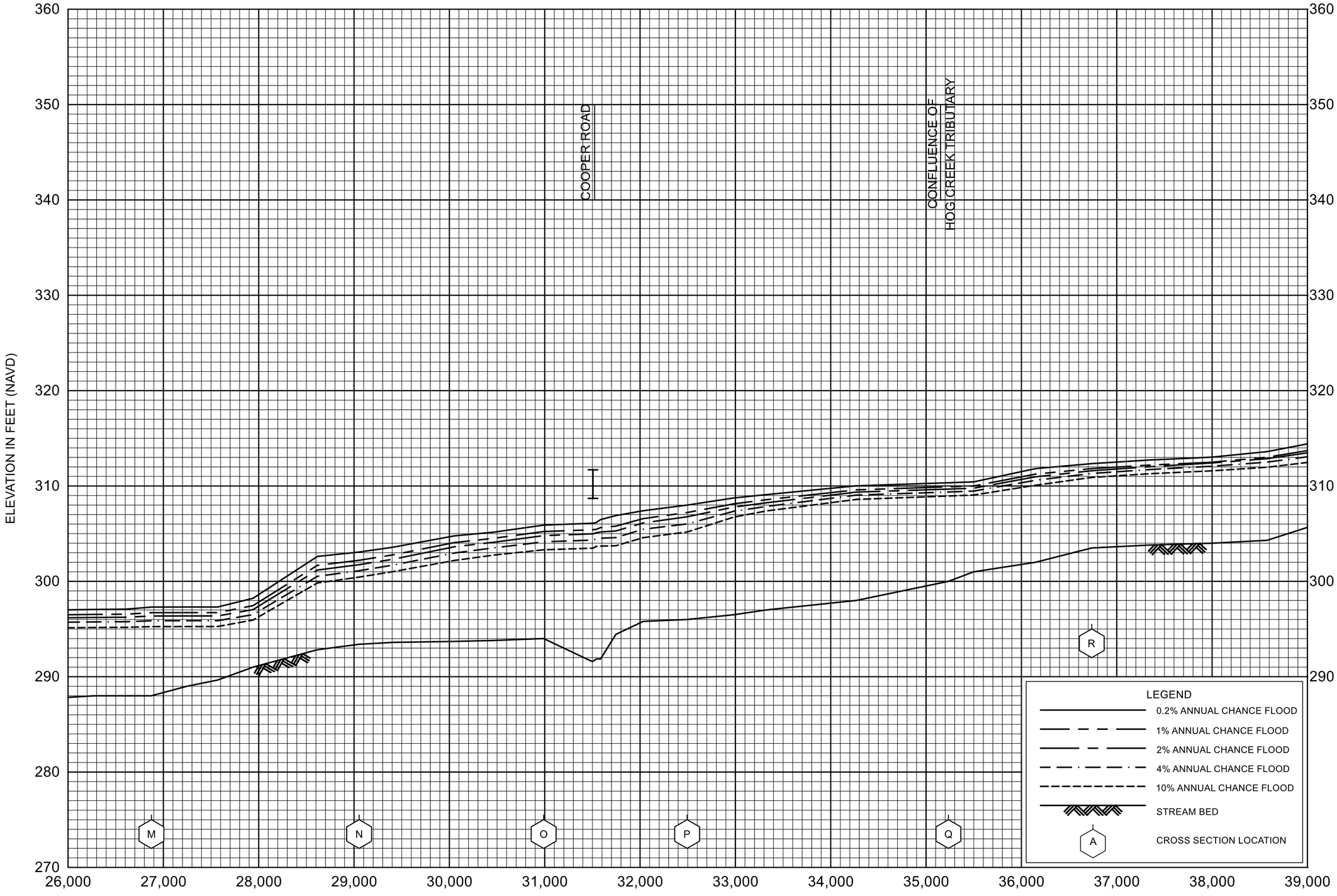
FLOOD PROFILES

HOG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

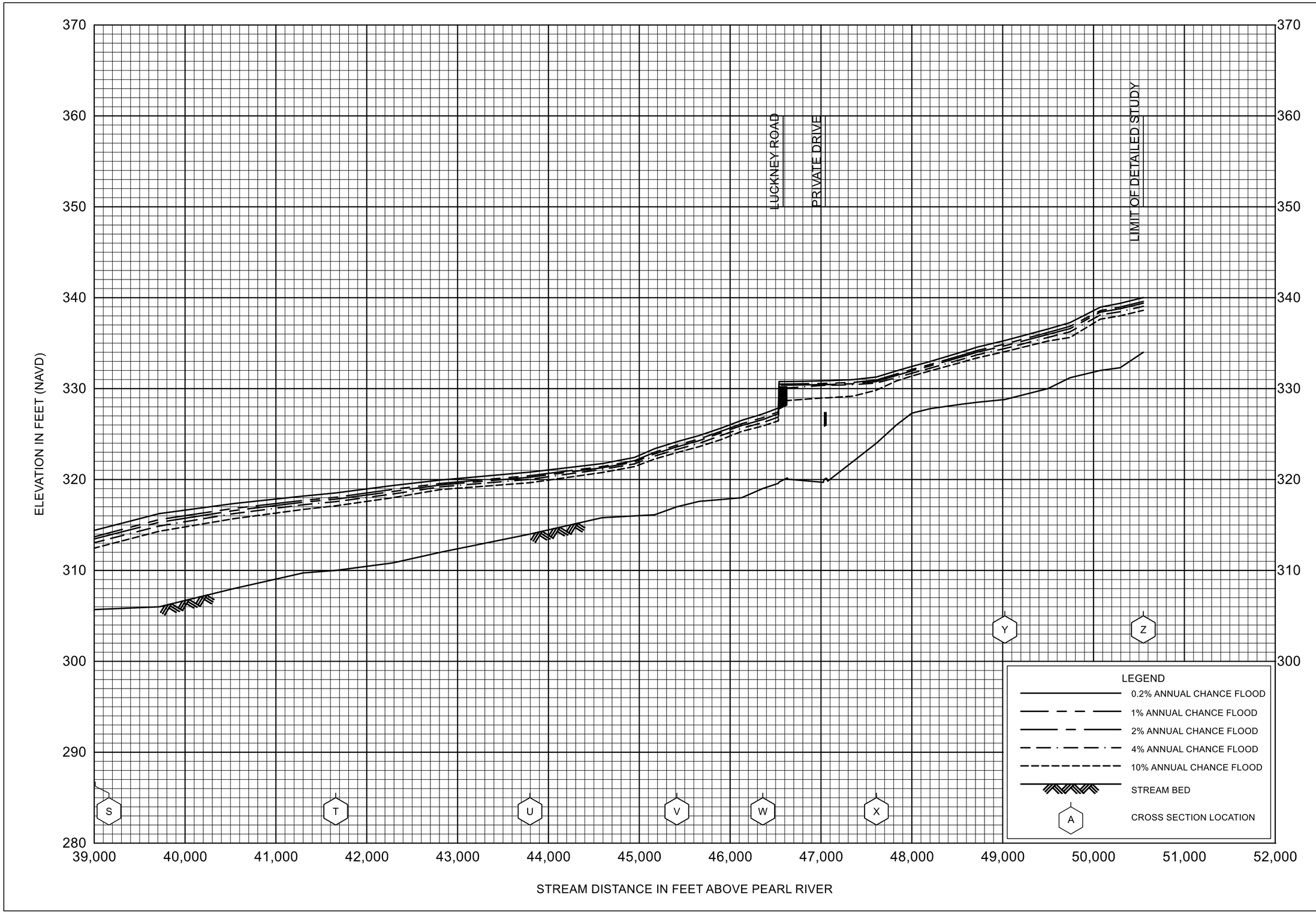
HOG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

37P



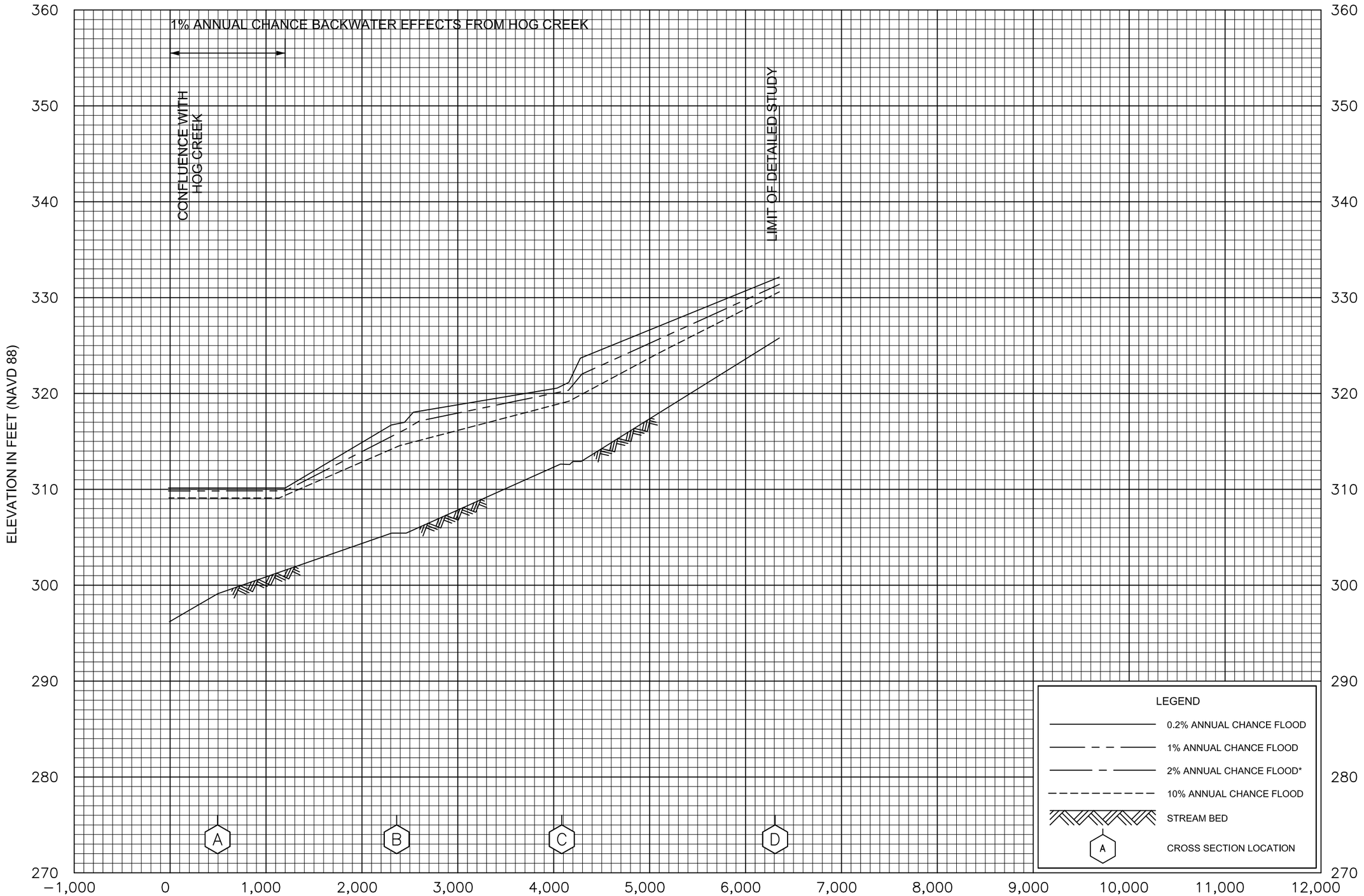
FLOOD PROFILES

HOG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



* DATA NOT AVAILABLE

FLOOD PROFILES

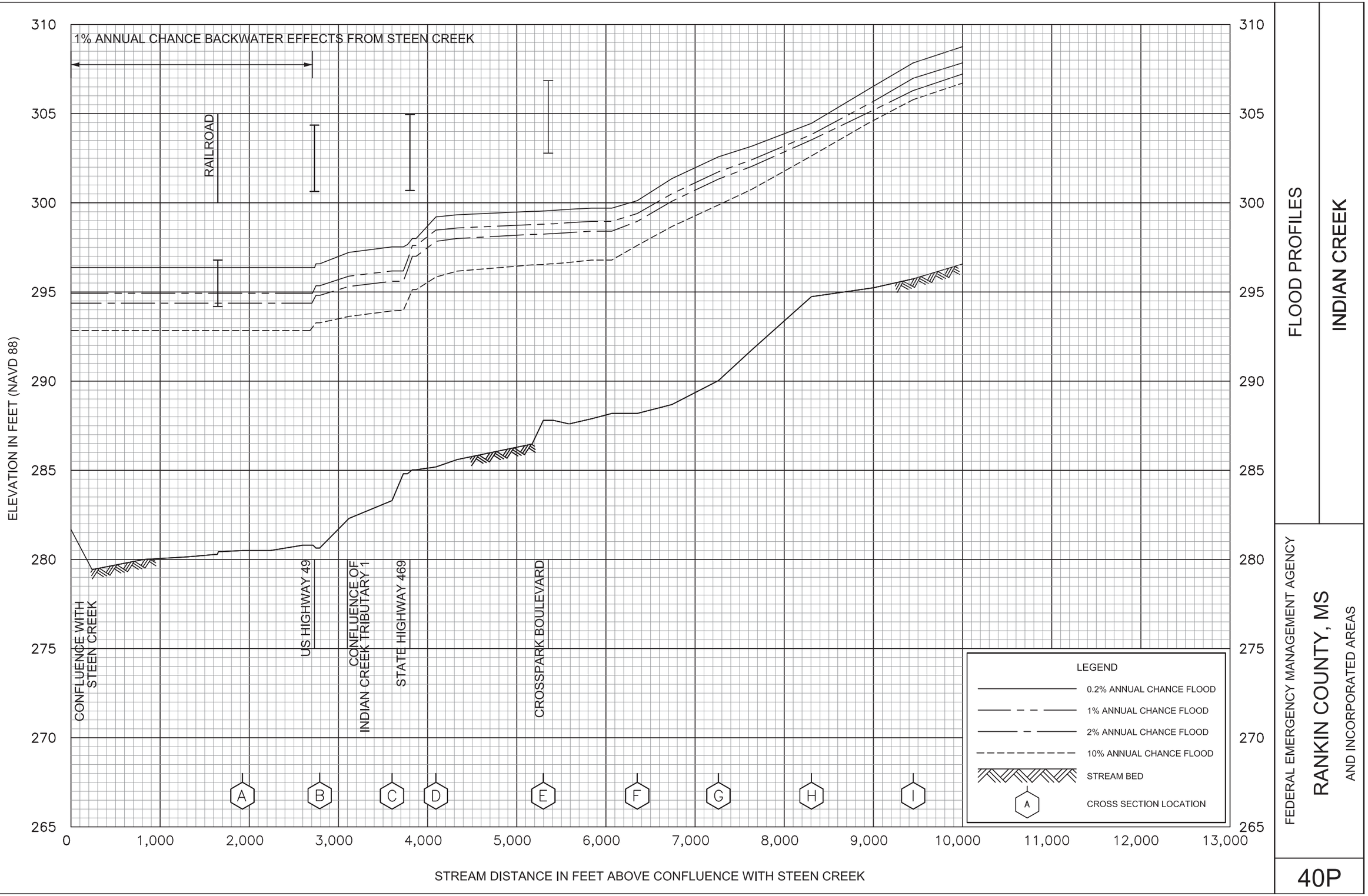
HOG CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

39P



FLOOD PROFILES

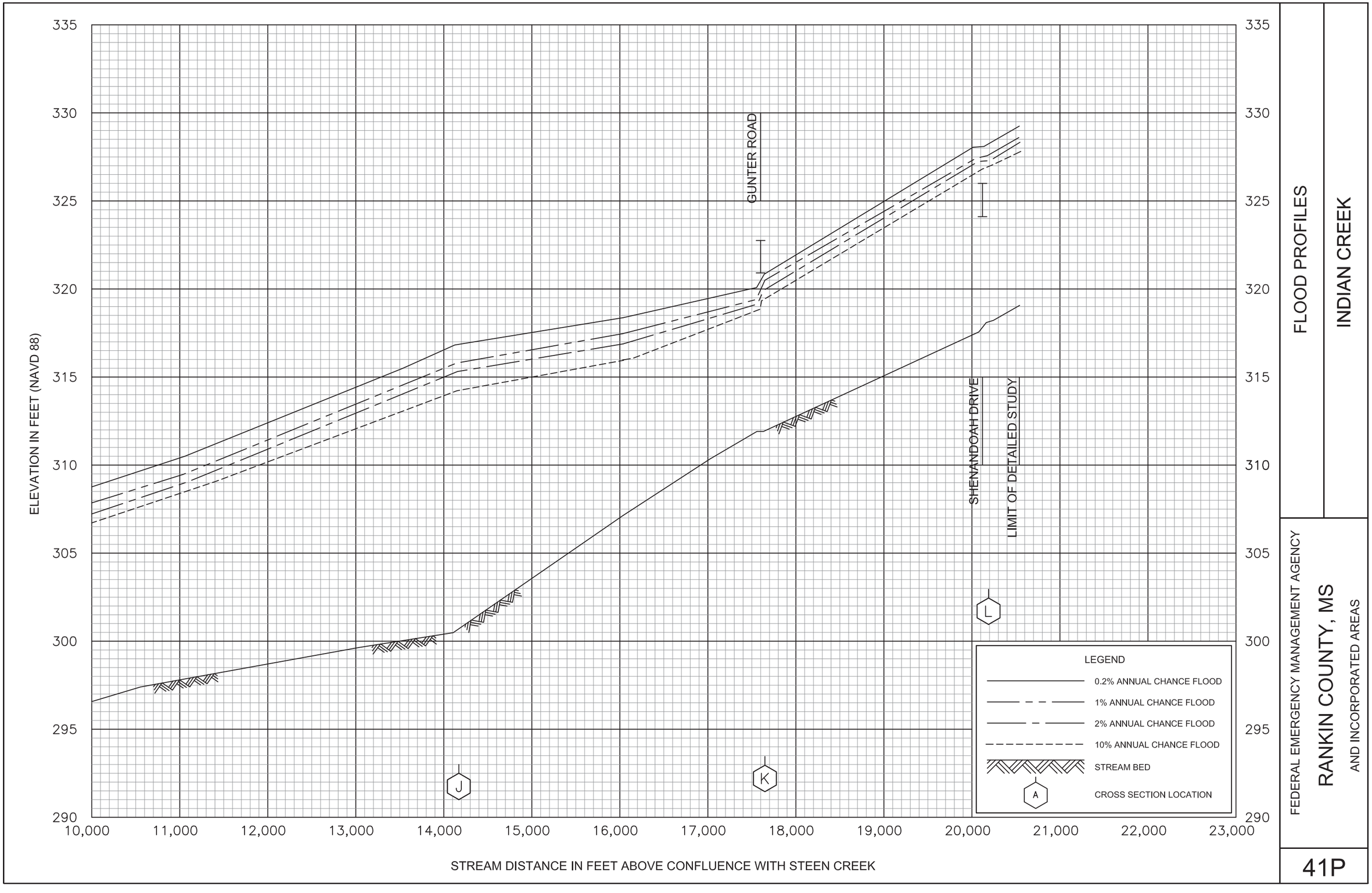
INDIAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

40P



FLOOD PROFILES

INDIAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

41P

FLOOD PROFILES

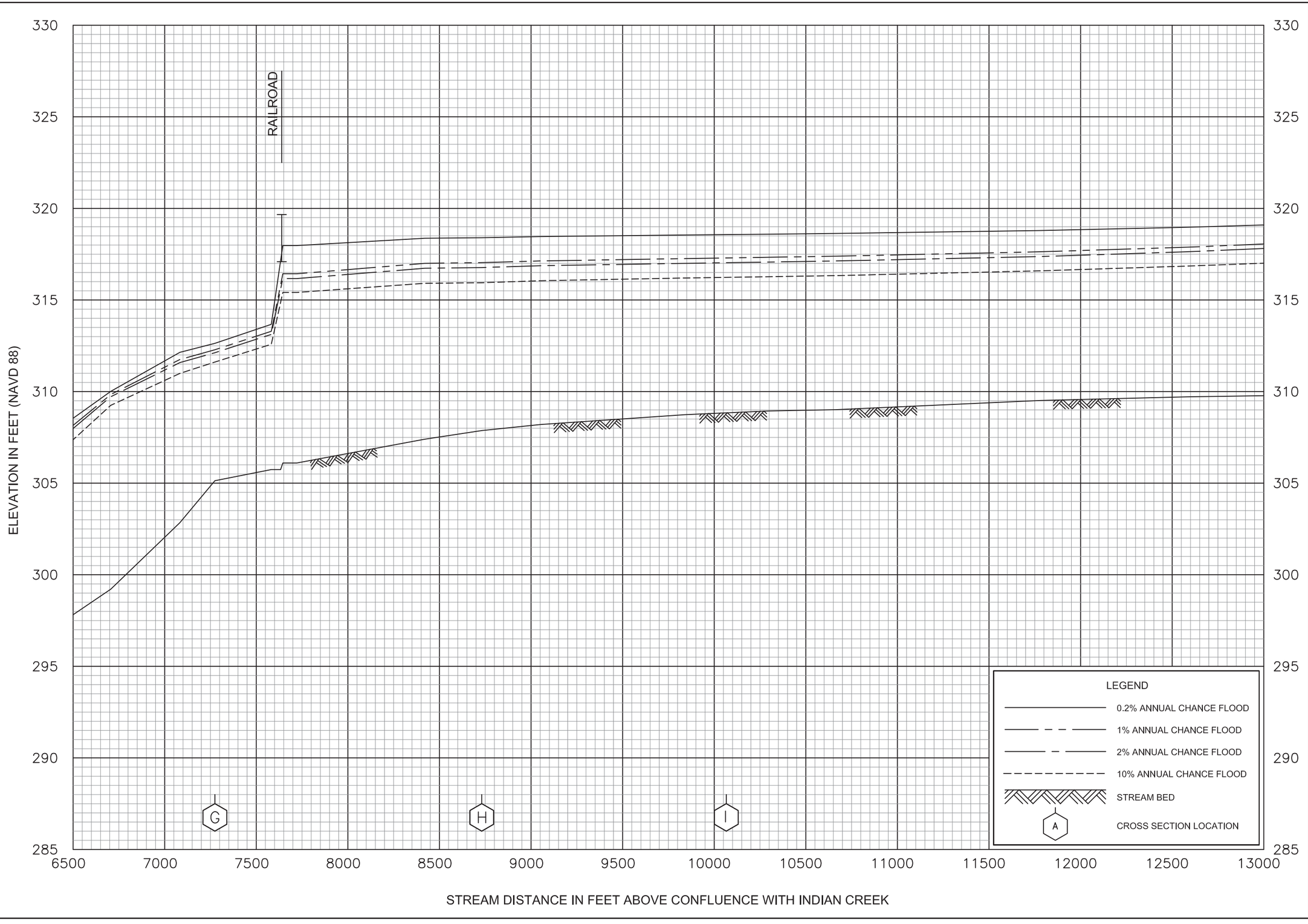
INDIAN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

42P



FLOOD PROFILES

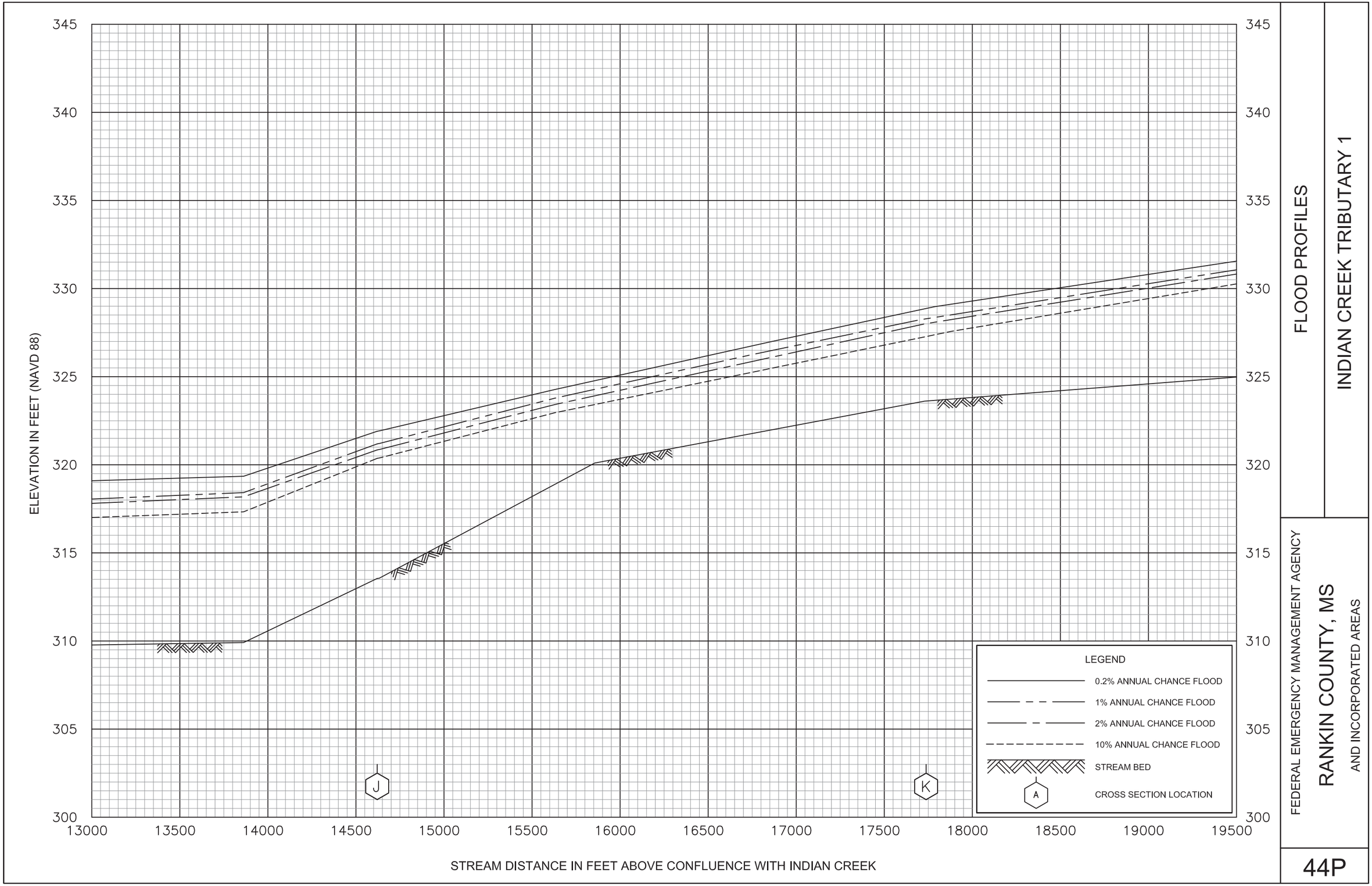
INDIAN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS

43P



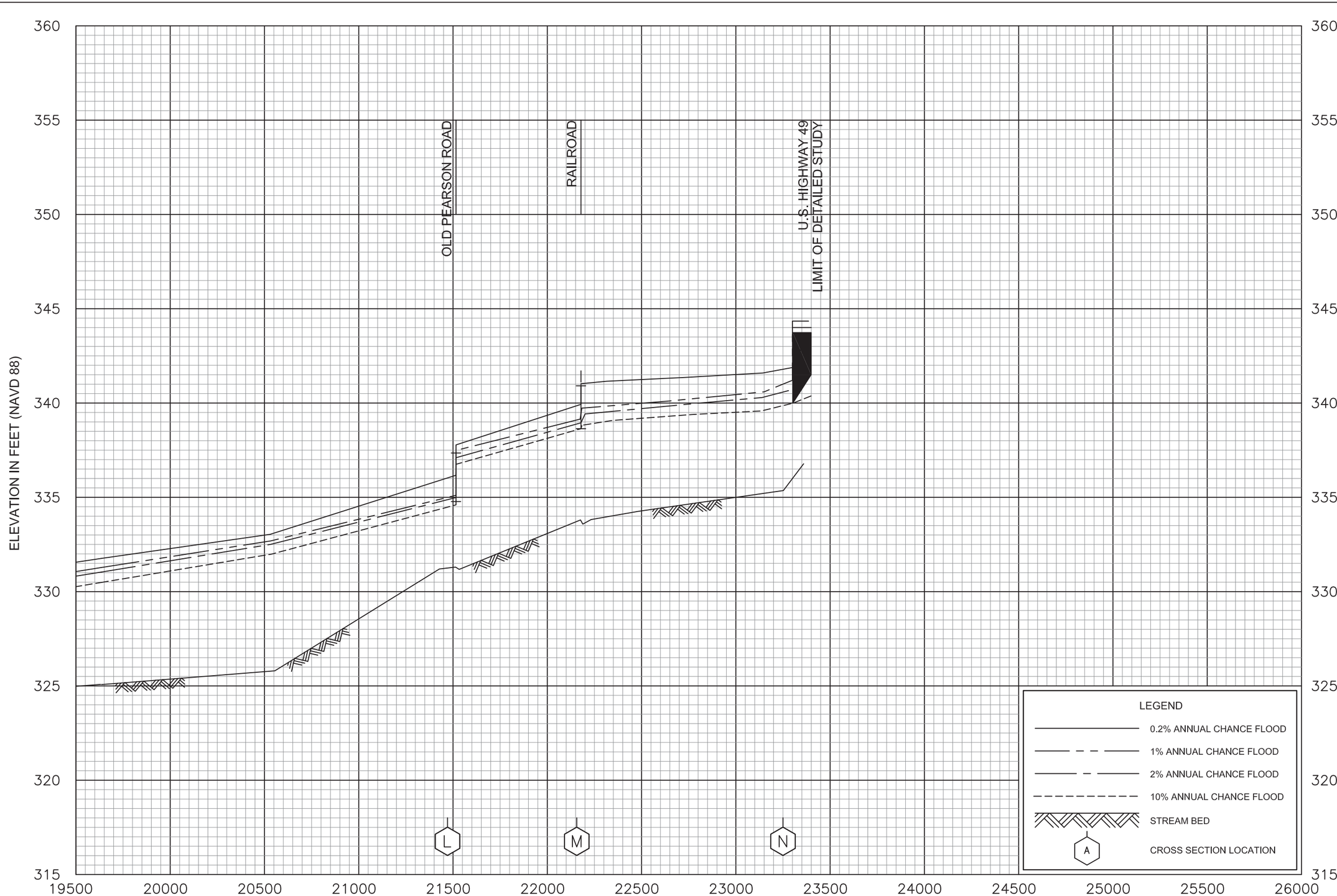
FLOOD PROFILES

INDIAN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS



FLOOD PROFILES

INDIAN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

RANKIN COUNTY, MS

AND INCORPORATED AREAS