

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 2



MORGAN COUNTY, ALABAMA AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
CITY OF DECATUR	010176
TOWN OF EVA*	010425
TOWN OF FALKVILLE	010177
CITY OF HARTSELLE	010178
MORGAN COUNTY UNINCORPORATED AREAS	010175
TOWN OF PRICEVILLE	010448
TOWN OF SOMERVILLE	010309
TOWN OF TRINITY	123460

*Not a Flood-Prone Community



FEMA

PRELIMINARY:

MAY 13, 2016

FLOOD INSURANCE STUDY NUMBER
01103CV002B

Version Number 2.3.3.2

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Exhibits

Flood Profiles	<u>Panel</u>
Bakers Creek	01-05 P
Betty Rye Branch	06-08 P
Black Branch	09 P
Blue Hole Branch	10 P
Brush Creek	11-12 P
Cedar Creek	13 P
Chapel Hill Branch	14-15 P
Clark Spring Branch	16-19 P
Clark Springs Branch Tributary	20-21 P
Dry Branch	22-26 P
Flint Creek	27-31 P
North Dinsmore	32-33 P
Painter Branch	34-37 P
Robinson Creek	38 P
Shoal Creek	39-40 P
South Dinsmore Middle Tributary	41-43 P
South Dinsmore North Tributary	44 P
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Tributary to Bakers Creek	54-55 P
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Unnamed Tributary No. 1 To Shoal Creek	61 P
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Unnamed Tributary No. 3 To Shoal Creek	64-65 P
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Published Separately

Flood Insurance Rate Map (FIRM)

Table 24: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Town Branch								
A	475	40	240	8.0	627.0	622.1 ²	622.6	0.5
B	1,426	30	160	11.7	630.2	630.2	630.2	0.0
C	2,534	40	275	6.3	646.8	646.8	647.4	0.6
D	4,277	40	270	5.9	656.7	656.7	656.9	0.2
E	4,488	40	400	4.0	660.0	660.0	660.2	0.2
F	5,069	60	140	5.7	664.5	664.5	664.5	0.0
G	5,227	60	265	3.0	665.5	665.5	666.0	0.5
H	5,544	450	10	3.6	666.1	666.1	666.5	0.4
I	5,808	225	675	1.1	666.7	666.7	667.0	0.3
J	5,966	100	125	5.2	667.3	667.3	667.7	0.4
K	6,072	100	290	2.2	668.6	668.6	669.7	0.9
L	6,283	80	335	1.8	668.8	668.8	669.7	0.9
M	6,917	120	360	1.4	670.5	670.5	671.2	0.7
N	8,078	115	75	3.2	675.2	675.2	675.2	0.0

¹Miles above mouth

²Elevation computed without consideration of backwater effects from Shoal Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TOWN BRANCH

Table 24: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Unnamed Tributary No. 1 to Town Branch								
A	370	110	200	4.4	663.5	663.5	664.0	0.5
B	845	110	360	2.4	665.1	665.1	665.1	0.0
C	1,531	110	370	2.2	666.9	666.9	667.5	0.6
D	1,901	75	260	3.0	669.4	669.4	670.3	0.9
E	2,323	100	240	3.2	669.9	669.9	670.8	0.9
F	2,482	100	280	2.7	670.9	670.9	671.2	0.3
G	2,640	45	150	4.9	671.8	671.8	672.3	0.5
H	2,904	110	315	2.3	672.9	672.9	673.8	0.9
I	3,221	90	100	6.5	675.0	675.0	675.0	0.0
J	3,802	90	415	1.5	678.3	678.3	679.0	0.7
K	4,541	90	290	1.0	679.2	679.2	679.9	0.7
L	5,861	30	75	1.4	682.3	682.3	682.3	0.0

¹Miles above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORGAN COUNTY, AL

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: UNNAMED TRIBUTARY NO. 1 TO TOWN BRANCH

Table 24: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Unnamed Tributary to Unnamed Tributary No. 1 to Town Branch								
A	264	50	205	1.8	678.2	678.0 ²	678.9	0.9
B	792	100	340	0.9	685.7	685.7	686.2	0.5
C	1,214	110	265	1.0	685.7	685.7	686.3	0.6

¹Miles above mouth

²Elevation computed without consideration of backwater effects from Unnamed Tributary No. 1

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	MORGAN COUNTY, AL	
	AND INCORPORATED AREAS	FLOODING SOURCE: UNNAMED TRIBUTARY TO UNNAMED TRIBUTARY NO. 1 TO TOWN BRANCH

Table 24: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Trinity Branch								
A	11,352	290/75 ²	801	2.0	577.0	577.0	578.0	1.0
B	14,045	80	301	5.0	589.2	589.2	589.9	0.7
C	16,210	90	387	3.7	599.5	599.5	600.4	0.9
D	17,160	100	438	3.2	605.2	605.2	605.9	0.7
E	18,744	80	392	3.1	609.1	609.1	610.0	0.9
F	20,962	90	312	3.2	618.6	618.6	618.9	0.3
G	22,598	90	310	2.6	626.1	626.1	626.9	0.8
H	23,232	140	365	2.1	626.6	626.6	627.6	1.0

¹Miles above mouth

²Total width/width within jurisdiction

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORGAN COUNTY, AL

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRINITY BRANCH

Non-encroachment areas may be delineated where it is not possible to delineate floodways because specific channel profiles with bridge and culvert geometry were not developed. Any non-encroachment determinations for this Flood Risk Project have been tabulated for selected cross sections and are shown in Table 25. The non-encroachment width indicates the measured distance left and right (looking downstream) from the mapped center of the stream to the non-encroachment boundary based on a surcharge of 1.0 foot or less.

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Cotaco Creek North	1,585	1585	28,950	560.4	30	70
Cotaco Creek North	5,066	5066	28,950	561.4	450	80
Cotaco Creek North	8,099	8099.4	28,950	563.1	150	620
Cotaco Creek North	9,680	9680.1	28,950	563.7	610	40
Cotaco Creek North	9,789	9789.1	28,950	564.2	60	650
Cotaco Creek North	13,293	13293.1	28,950	565.1	60	640
Cotaco Creek North	16,481	16481.4	28,950	566.5	120	330
Cotaco Creek North	20,404	20404.2	28,950	569.5	270	210
Cotaco Creek North	23,297	23296.5	28,950	571.6	320	150
Cotaco Creek North	26,871	26870.9	28,950	573.3	40	80
Cotaco Creek North	28,764	28763.7	28,950	574.4	40	90
Cotaco Creek North	31,139	31139.2	28,950	576.0	450	30
Cotaco Creek North	32,687	32687.2	28,950	576.9	80	380
Cotaco Creek North	35,463	35463.3	28,950	578.3	70	370
Cotaco Creek North	36,727	36726.7	28,950	578.6	790	60
Cotaco Creek North	37,629	37629	28,950	578.7	410	130
Cotaco Creek North	37,766	37765.7	28,950	578.9	350	60
Cotaco Creek North	39,733	39732.5	28,950	579.1	190	280
Cotaco Creek North	48,226	48226	28,950	580.2	100	130
Cotaco Creek North	51,177	51176.5	28,950	580.5	90	90
Cotaco Creek North	54,088	54088.4	28,950	581.1	120	230
Cotaco Creek North	58,926	58925.7	28,950	582.0	130	140
Cotaco Creek North	60,295	60294.9	28,950	582.2	370	30
Cotaco Creek North	60,510	60510	28,950	582.3	100	160

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Cotaco Creek North	63,541	63540.5	28,950	582.5	80	200
Cotaco Creek North	69,868	69867.7	28,950	582.6	100	40
Cotaco Creek North	74,976	74976.2	28,950	582.7	50	40
Cotaco Creek North	77,210	77210.3	28,950	582.8	30	40
Cotaco Creek North	77,390	77390.2	28,950	582.8	50	70
Cotaco Creek North	78,702	78702.3	28,950	582.8	70	30
Cotaco Creek North	81,524	81524.2	28,950	583.0	50	70
Cotaco Creek North	90,360	90359.8	28,950	583.8	70	40
Cotaco Creek North	91,605	91605.3	28,950	583.9	50	40
Cotaco Creek North	91,728	91728.3	28,950	584.1	50	60
Cotaco Creek North	94,434	94433.6	28,950	584.2	50	50
Cotaco Creek North	101,049	101049.2	18,630	584.4	60	60
Cotaco Creek North	106,333	106333.4	17,280	584.7	50	60
Cotaco Creek North	109,773	109773	17,280	585.0	40	60
Cotaco Creek North	109,857	109856.7	17,280	585.0	80	40
Cotaco Creek North	112,332	112331.8	17,280	585.6	40	250
Cotaco Creek North	115,480	115480.3	17,280	586.4	190	50
Cotaco Creek North	121,914	121913.5	17,280	587.9	50	70
Cotaco Creek North	124,800	124800.2	17,280	589.2	30	120
Cotaco Creek North	127,596	127595.5	17,280	590.2	110	50
Cotaco Creek North	127,657	127657.3	17,280	590.3	40	50
Cotaco Creek North	129,042	129041.5	17,280	590.8	30	70
Cotaco Creek North	132,563	132563.2	12,630	591.5	60	40
Cotaco Creek North	135,840	135839.7	12,490	592.3	70	70
Cotaco Creek North	139,990	139989.7	12,490	593.3	40	150
Cotaco Creek North	141,025	141025.4	12,490	593.6	100	90
Cotaco Creek North	141,176	141175.7	12,490	593.8	130	110
Cotaco Creek North	141,993	141992.6	12,490	593.9	500	60
Cotaco Creek North	144,032	144032.2	10,440	594.2	620	160
Cotaco Creek North	146,483	146483.2	9,880	594.5	460	550

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Cotaco Creek North	150,252	150251.7	9,880	595.2	130	720
Cotaco Creek North	152,213	152213.3	9,880	596.3	50	730
Cotaco Creek North	153,336	153335.7	9,880	597.5	60	480
Cotaco Creek North	154,904	154904.2	8,990	599.2	80	340
Cotaco Creek North	156,948	156948.1	8,990	600.4	80	320
Cotaco Creek North	160,734	160733.6	8,410	601.5	120	310
Cotaco Creek North	161,433	161432.7	8,410	601.9	370	30
Cotaco Creek North	161,485	161485	8,410	602.0	300	200
Cotaco Creek North	162,151	162151.2	8,410	603.0	110	350
Cotaco Creek North	163,835	163835.2	8,410	605.1	30	520
Cotaco Creek North	164,551	164551	8,410	605.9	40	580
Cotaco Creek North	165,425	165425.3	8,410	607.5	20	730
Cotaco Creek North	165,975	165974.5	8,410	608.4	90	470
Cotaco Creek North	166,549	166549.1	8,410	610.1	60	620
Cotaco Creek North	167,004	167003.6	8,410	612.3	300	290
Crowdabout Creek	3,065	3064.6	12,229	567.8	1590	40
Crowdabout Creek	5,123	5123.2	12,229	568.6	50	690
Crowdabout Creek	7,612	7612.1	12,229	570.0	1120	130
Crowdabout Creek	9,339	9339.3	12,229	571.3	2320	40
Crowdabout Creek	11,343	11343.2	12,229	572.8	860	90
Crowdabout Creek	15,318	15318.1	12,229	574.1	1370	1530
Crowdabout Creek	21,224	21223.9	12,229	575.3	40	1730
Crowdabout Creek	25,125	25125.3	12,229	577.6	700	950
Crowdabout Creek	28,761	28761	12,229	579.5	1200	330
Crowdabout Creek	31,019	31018.8	12,229	580.4	2220	100
Crowdabout Creek	31,178	31177.7	12,229	580.5	2060	130
Crowdabout Creek	32,547	32546.9	12,229	581.6	970	240
Crowdabout Creek	33,049	33048.9	12,229	582.6	960	250
Crowdabout Creek	33,847	33846.7	12,229	583.9	1460	110
Crowdabout Creek	33,937	33937.3	12,229	584.1	1460	90

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Crowdabout Creek	34,681	34680.8	12,229	584.7	1520	120
Crowdabout Creek	38,233	38232.6	10,567	586.1	930	890
Crowdabout Creek	41,065	41065.2	6,938	588.2	100	1040
Crowdabout Creek	42,209	42209.2	6,938	590.6	40	330
Crowdabout Creek	42,846	42845.8	6,938	591.9	30	830
Crowdabout Creek	42,924	42923.8	6,938	592.0	40	830
Crowdabout Creek	43,750	43749.7	6,938	593.1	30	400
Crowdabout Creek	45,760	45759.8	6,938	594.5	30	1200
Crowdabout Creek	49,067	49066.9	6,938	596.9	370	60
Crowdabout Creek	51,092	51091.7	6,938	599.7	340	1110
Crowdabout Creek	52,258	52258	6,938	600.7	40	920
Crowdabout Creek	52,352	52352	6,938	601.9	40	940
Crowdabout Creek	52,514	52514.3	6,938	602.6	160	790
Crowdabout Creek	52,723	52722.5	6,938	602.7	70	800
Crowdabout Creek	52,983	52983	6,938	604.9	60	810
Crowdabout Creek	54,240	54240.4	6,938	605.2	330	550
Crowdabout Creek	55,493	55492.6	6,938	606.4	230	550
Crowdabout Creek	57,386	57385.5	6,938	608.0	30	770
Crowdabout Creek	59,562	59562.4	4,697	609.6	1010	30
Crowdabout Creek	61,130	61130.4	4,214	611.4	230	350
Crowdabout Creek	61,187	61186.7	4,214	611.9	230	360
Crowdabout Creek	62,399	62399.2	4,214	614.5	250	480
Crowdabout Creek	63,306	63305.7	4,214	616.8	250	410
Crowdabout Creek	64,409	64408.8	4,214	619.5	20	460
Crowdabout Creek	64,854	64854.3	4,214	620.4	320	400
Crowdabout Creek	64,922	64921.6	4,214	620.4	320	400
Crowdabout Creek	65,171	65171.1	4,214	621.0	370	130
Crowdabout Creek	65,972	65971.7	4,214	622.4	430	30
Crowdabout Creek	66,719	66719	4,214	623.8	370	180
Crowdabout Creek	67,555	67555.2	4,214	625.1	350	300

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Crowdabout Creek	68,960	68959.6	2,865	627.5	370	40
Crowdabout Creek	69,951	69951.3	2,865	629.7	370	70
No Business Creek West	372	372.4	4,573	572.0	50	70
No Business Creek West	1,499	1499.1	3,681	572.4	70	60
No Business Creek West	2,187	2187.1	3,681	572.5	40	60
No Business Creek West	3,337	3337.4	3,681	572.8	50	50
No Business Creek West	4,198	4198.3	3,681	572.9	50	70
No Business Creek West	4,931	4931.1	3,681	573.1	70	80
No Business Creek West	5,017	5016.5	3,681	574.2	100	160
No Business Creek West	5,152	5152.2	10,600	574.2	140	200
No Business Creek West	8,223	8222.7	10,600	574.6	100	1350
No Business Creek West	11,203	11203.3	10,600	574.7	2180	530
No Business Creek West	14,486	14485.9	10,600	574.7	80	1500
No Business Creek West	17,449	17449.1	10,600	576.1	720	160
No Business Creek West	17,601	17601.1	10,600	576.5	740	230
No Business Creek West	18,787	18787.3	10,600	576.6	2210	130
No Business Creek West	23,338	23338.1	9,127	576.7	250	2770
No Business Creek West	28,307	28306.9	8,502	576.8	850	2280
No Business Creek West	32,440	32439.9	8,502	577.2	2590	100
No Business Creek West	32,526	32526.3	8,502	577.3	2590	70
No Business Creek West	36,331	36331.1	8,502	578.8	1400	840
No Business Creek West	38,346	38346.3	6,936	579.9	1600	40
No Business Creek West	40,508	40507.8	6,788	580.5	1060	1480
No Business Creek West	42,054	42053.7	5,492	581.4	670	1200
No Business Creek West	43,270	43269.9	5,492	582.6	40	400
No Business Creek West	43,419	43418.6	5,492	585.3	80	550
No Business Creek West	44,277	44276.7	5,492	585.8	400	660
No Business Creek West	45,561	45561.2	4,948	586.1	640	30
No Business Creek West	46,969	46969.4	4,948	587.3	320	200
No Business Creek West	48,784	48783.7	4,948	589.4	190	250

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
No Business Creek West	48,878	48877.7	4,948	592.4	190	250
No Business Creek West	49,362	49361.8	4,948	592.5	310	330
No Business Creek West	50,892	50891.5	3,497	593.4	200	270
No Business Creek West	52,280	52279.6	3,382	594.3	590	50
West Flint Creek	1,597	1,597	16,640	561.1	1710	80
West Flint Creek	8,333	8,333	16,640	562.5	240	510
West Flint Creek	10,937	10,937	16,640	566.1	730	1250
West Flint Creek	11,062	11,062	16,640	566.2	730	1250
West Flint Creek	12,820	12,820	16,640	566.7	440	1760
West Flint Creek	17,370	17,370	16,640	567.8	960	770
West Flint Creek	21,026	21,026	16,640	569.1	1250	180
West Flint Creek	25,641	25,641	16,640	570.3	350	2200
West Flint Creek	30,227	30,227	16,640	572.3	140	520
West Flint Creek	31,342	31,342	16,640	573.5	270	530
West Flint Creek	33,655	33,655	16,640	574.4	720	500
West Flint Creek	36,465	36,465	16,640	574.8	920	210
West Flint Creek	36,863	36,863	16,640	574.7	200	160
West Flint Creek	37,013	37,013	16,640	575.5	200	120
West Flint Creek	38,087	38,087	16,640	576.8	290	680
West Flint Creek	39,978	39,978	16,640	577.5	410	70
West Flint Creek	42,725	42,725	16,640	578.5	970	50
West Flint Creek	44,165	44,165	16,640	578.8	900	70
West Flint Creek	46,690	46,690	16,640	579.1	430	1150
West Flint Creek	51,721	51,721	16,640	579.7	210	1140
West Flint Creek	55,147	55,147	16,640	580.5	330	540
West Flint Creek	58,032	58,032	16,640	581.8	790	50
West Flint Creek	59,795	59,795	16,640	582.7	700	110
West Flint Creek	65,200	65,200	16,640	584.6	760	120
West Flint Creek	67,950	67,950	16,640	585.5	230	850
West Flint Creek	69,323	69,323	16,640	586.2	320	90

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
West Flint Creek	69,469	69,469	16,640	586.5	320	100
West Flint Creek	70,495	70,495	16,640	587.2	750	240
West Flint Creek	71,236	71,236	16,640	587.4	870	70
West Flint Creek	73,423	73,423	16,640	587.8	350	360
West Flint Creek	75,586	75,586	16,640	588.8	540	60
West Flint Creek	77,177	77,177	16,640	589.7	660	70
West Flint Creek	80,042	80,042	16,640	591.2	60	590
West Flint Creek	82,008	82,008	16,640	592.3	360	60
West Flint Creek	83,452	83,452	16,640	593.4	190	70
West Flint Creek	85,623	85,623	16,640	595.2	130	120
West Flint Creek	87,146	87,146	16,640	596.4	190	80
West Flint Creek	88,228	88,228	16,000	597.0	100	170
West Flint Creek	90,116	90,116	16,000	598.0	220	100
West Flint Creek	90,954	90,954	16,000	598.4	50	220
West Flint Creek	91,418	91,418	16,000	598.6	60	220
West Flint Creek	91,551	91,551	16,000	599.0	80	220
West Flint Creek	92,553	92,553	16,000	599.8	440	70
West Flint Creek	95,497	95,497	16,000	600.8	70	140
West Flint Creek	96,397	96,397	16,000	601.2	280	40
West Flint Creek	98,337	98,337	14,740	602.2	60	170
West Flint Creek	100,281	100,281	14,740	603.2	180	50
West Flint Creek	100,830	100,830	14,740	603.5	120	90
West Flint Creek	101,671	101,671	14,740	603.8	150	70
West Flint Creek	102,980	102,980	13,240	604.6	430	60
West Flint Creek	104,651	104,651	13,240	605.1	120	330
West Flint Creek	105,827	105,827	13,240	605.3	560	300
West Flint Creek	106,585	106,585	13,240	605.4	710	110
West Flint Creek	106,688	106,688	13,240	605.7	710	110
West Flint Creek	108,268	108,268	13,240	605.9	60	1150
West Flint Creek	111,449	111,449	13,240	606.0	410	1160

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
West Flint Creek	112,445	112,445	13,240	606.0	360	830
West Flint Creek	121,162	121,162	13,240	606.9	440	170
West Flint Creek	122,274	122,274	13,240	607.1	140	570
West Flint Creek	123,167	123,167	13,240	607.3	130	450
West Flint Creek	123,884	123,884	13,240	607.6	340	350
West Flint Creek	124,010	124,010	13,240	608.2	340	350
West Flint Creek	124,280	124,280	13,240	608.7	410	70
West Flint Creek	128,481	128,481	13,240	609.6	1190	80
West Flint Creek	130,655	130,655	13,240	609.9	820	70
West Flint Creek	132,926	132,926	13,240	610.2	700	60
West Flint Creek	139,238	139,238	13,240	611.2	700	1130
West Flint Creek	141,401	141,401	11,700	611.5	50	1570
West Flint Creek	145,250	145,250	10,830	612.5	300	190
West Flint Creek	148,693	148,693	10,830	614.8	290	480
West Flint Creek	150,327	150,327	10,830	615.2	60	1570
West Flint Creek	155,405	155,405	10,830	616.5	710	110
West Flint Creek	158,324	158,324	10,830	617.6	1030	50
West Flint Creek	159,968	159,968	10,830	618.4	1080	360
West Flint Creek	163,535	163,535	10,830	619.8	440	580
West Flint Creek	163,644	163,644	10,830	619.9	440	580
West Flint Creek	164,625	164,625	10,830	620.1	590	1600
West Flint Creek	165,837	165,837	10,830	620.3	40	1010
West Flint Creek	168,590	168,590	10,830	621.5	1430	60
West Flint Creek	169,471	169,471	10,830	622.4	210	210
West Flint Creek	169,782	169,782	10,830	624.5	170	210
West Flint Creek	170,486	170,486	9,810	625.1	760	780
West Flint Creek	171,990	171,990	9,810	625.4	700	100
West Flint Creek	173,794	173,794	9,810	626.7	460	40
West Flint Creek	177,192	177,192	9,810	628.5	380	350
West Flint Creek	180,089	180,089	9,320	629.6	220	870

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station ¹	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
West Flint Creek	180,651	180,651	9,320	629.9	190	530
West Flint Creek	180,869	180,869	9,320	631.7	190	530
West Flint Creek	181,374	181,374	9,320	632.1	470	520
West Flint Creek	185,072	185,072	9,320	633.9	1280	40
West Flint Creek	188,693	188,693	9,320	635.9	1070	40

¹ Feet above mouth

6.4 Coastal Flood Hazard Mapping

This section is not applicable to this Flood Risk Project.

Table 26: Summary of Coastal Transect Mapping Considerations

[Not Applicable to this Flood Risk Project]

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 31, “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 <http://www.fema.gov> 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 http://www.fema.gov/plan/prevent/fhm/ot_lmreq.shtm.

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 <http://www.fema.gov> 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 http://www.fema.gov/plan/prevent/fhm/ot_lmreq.shtm.

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 <http://www.fema.gov> 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 Morgan County FIRM are listed in Table 27. 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 27: Incorporated Letters of Map Change

Case Number	Effective Date	Flooding Source	FIRM Panel(s)
12-04-5276P	01/07/2013	Tennessee River	01103C0015E

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 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 Morgan County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBM) 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 28, "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 28 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 Morgan County FIRMs in countywide format was December 16, 2005.

Table 28: 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)
City of Decatur	05/24/1974	N/A	None	09/05/1979	05/02/1999 12/16/2005
Town of Eva	N/A	N/A	N/A	05/02/1999	12/16/2005
Town of Falkville	05/24/1974	N/A	02/11/1977	01/03/1979	03/12/1982 05/02/1999 12/16/2005
City of Hartselle	05/10/1974	N/A	None	07/17/1978	05/02/1999 12/16/2005
Morgan County Unincorporated Areas	03/11/1977	N/A	07/28/1978	07/16/1981	05/02/1999 12/16/2005
Town of Priceville	05/24/1974	N/A	None	09/05/1979 ¹	05/02/1999 ¹ 12/16/2005
Town of Somerville	06/04/1976	N/A	12/17/1976	05/02/1999	12/16/2005
Town of Trinity	06/25/1976	N/A	None	11/24/1978	05/02/1999 12/16/2005

¹ This community did not have its own FIRM prior to December 16, 2005, countywide FIS revision. The land area for this community was previously shown on the FIRM for the City of Decatur, but was not identified as a separate NFIP community. Therefore, the dates for this community were taken from the FIRM for the City of Decatur.

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

Table 29 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
All within HUC-8 06030002	11/13/2015	AMEC Foster Wheeler Environment and Infrastructure	EMA-2012-CA-5260	December 2014	City of Decatur, Town of Eva, Town Falkville, City of Hartselle, Morgan County Unincorporated Areas, Town of Priceville, Town of Somerville, Town of Trinity
Various Streams within 0603002	October 1995	TVA	EMW-94-E-4438	October 1995	Morgan County and Incorporated Areas
Tennessee River	August 1992	TVA	EMW-91-E-3526	August 1992	Morgan County and Incorporated Areas
Various Streams in City of Decatur	September 1977	TVA	IAA-H-20-75	September 1977	City of Decatur
Various Stream in Town of Falkville	August 1977	Law Engineering Testing Company	FIA-H-4062	August 1977	Town of Falkville
Various Streams in City of Hartselle	July 1977	TVA	IAA-H-11-76 IAA-H-7-77	July 1977	City of Hartselle
Various Streams in Morgan County	November 1979	TVA	IAA-H-15-78	November 1979	Morgan County

7.2 Community Meetings

The dates of the community meetings held for this Flood Risk Project and any previous Flood Risk Projects are shown in Table 30. 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 30: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Morgan County and Incorporated Areas	11/13/2015	05/08/2015	Discovery	City of Madison Engineer, Madison County Planning and Economic Development Director, City of Huntsville Floodplain Management Analyst, City of Huntsville Floodplain Manager, City of Huntsville Meteorologist, City of Huntsville Hydrologist, Madison County Engineer, ALDOT, Town of Owens Cross Roads Council Member, City of Hartselle Dept. of Development Director, Madison County Assistant Engineer, City of Huntsville GIS Manager, City of Huntsville Engineer, Madison County Emergency Plans Coordinator
		05/09/2015	Discovery	Cullman County EMA, Cullman County Engineer, Morgan County Engineer, Mitigation, Town of Mooresville Building Inspector, Lawrence County Assistant County Engineer, City of Athens GIS Coordinator, Lawrence County EMA Director, Town of Mooresville Floodplain Administrator, Morgan County Assistant Engineer, City of Decatur Code Inspector Supervisor, City of Decatur Public Works Director, City of Decatur GIS Dept., City of Athens Public Works Director, Lawrence County Deputy Director, City of Decatur Building Dept., City of Decatur Planner, City of Hartselle Mayor, City of Decatur Economic and Community Development Director, State EMA Mitigation Planner, Limestone County EMA Director, Cullman County Revenue Commissioner, Limestone County Engineer
Morgan County and Incorporated Areas	12/16/2005	02/09/2004	Initial CCO	Representatives of Morgan County, City of Decatur, Alabama Department of Economic and Community Affairs-Office of Water Resources, Malcom Pirnie, Inc
		09/28/2004	Final CCO	Representatives of the City of Decatur, Town of Falkville, City of Hartselle, Morgan County, Town of Priceville, and Town of Trinity

Table 30: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Morgan County and Incorporated Areas	05/02/1999	08/25/1993	Initial CCO	Representatives of the City of Decatur, FEMA, The TVA, the U.S. Army Corps of Engineers (USACE) and a local engineering firm.
		01/17/1996	Final Letter	City of Decatur
		09/12/1996	Final Letter	Morgan County

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 Morgan County by FEMA in 2005.

Table 31 is a list of the locations where FIRMs for Morgan 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 31: Map Repositories

Community	Address	City	State	Zip Code
City of Decatur	City of Decatur Building Department 402 Lee Street, NE, 4 th Floor	Decatur	AL	35602
Town of Eva	Town Hall 4238 Eva Road	Eva	AL	35621
Town of Falkville	Falkville Town Hall 21 North 1 st Avenue	Falkville	AL	35622
City of Hartselle	Hartselle City Hall 200 Sparkman Street, NW	Hartselle	AL	35640
Morgan County Unincorporated Areas	Morgan County Engineer 580 Shull Road, NE	Hartselle	AL	35640
Town of Priceville	Priceville Town Hall 242 Marco Drive	Priceville	AL	35760
Town of Somerville	Somerville Town Hall 24 High Street	Somerville	AL	35601
Town of Trinity	Trinity Town Hall 35 Preston Drive	Trinity	AL	35673

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 32.

Table 32 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 32: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	http://www.fema.gov
NFIP website	http://www.fema.gov/national-flood-insurance-program
NFHL Dataset	http://msc.fema.gov
FEMA Region X	Federal Emergency Management Agency 3003 Chamblee Tucker Road, Atlanta, GA 30341 (770) 220-5200
Other Federal Agencies	
USGS website	http://www.usgs.gov
Hydraulic Engineering Center website	http://www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Corey Garyotis, PE, CFM Alabama Dept. of Economic and Community Affairs Office of Water Resources 401 Adams Avenue Montgomery, AL 36104 (334) 353-0853 corey.garyotis@adeca.alabama.gov
State GIS Coordinator	Michael Vanhook State of Alabama Geospatial Office (ALGO) 64 North Union Street Room 200A Montgomery, AL 36130 mike.vanhook@isd.alabama.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

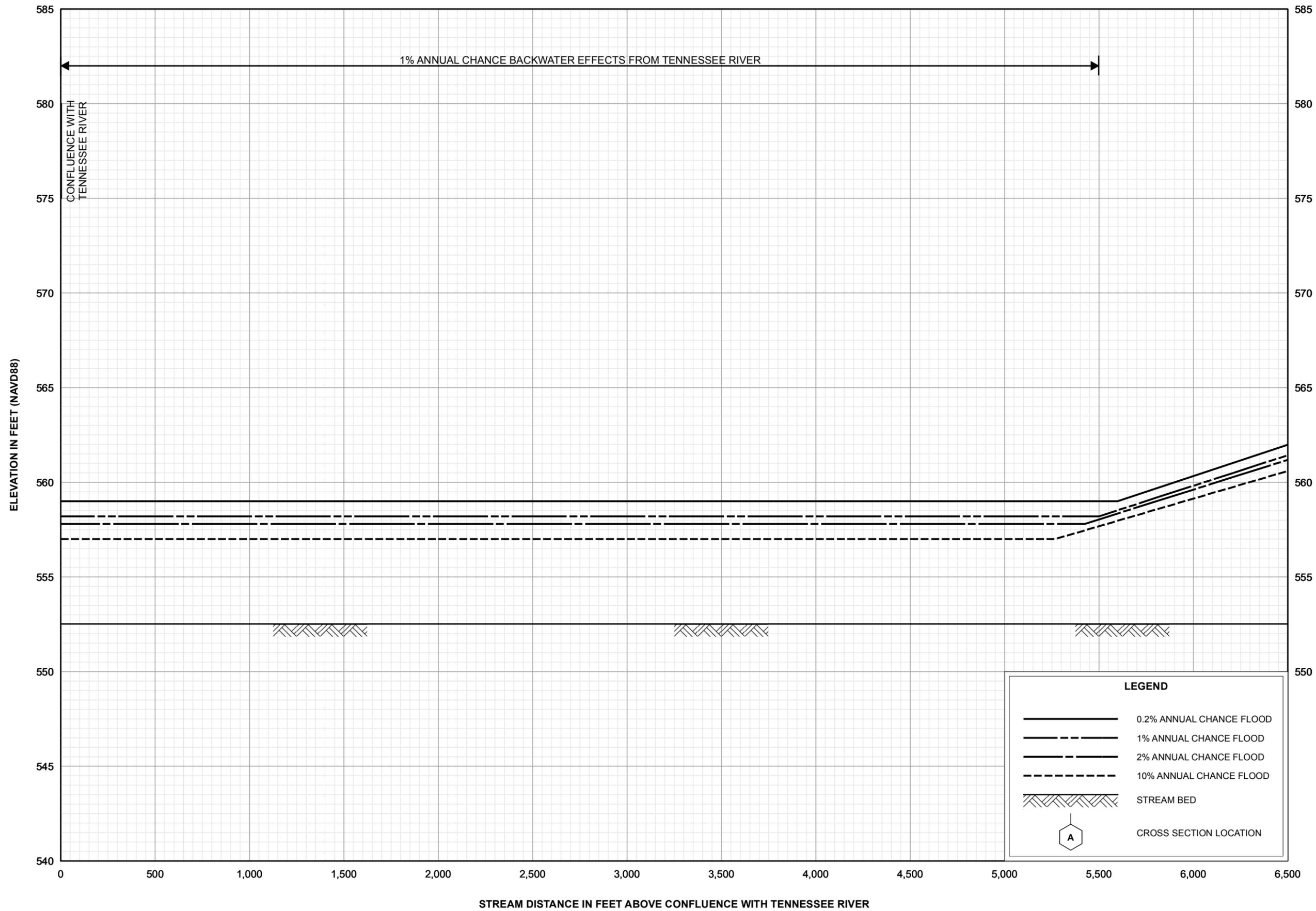
Table 33 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 33: 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 2005	Federal Emergency Management Agency	<i>Flood Insurance Study, Morgan County, Alabama, and Unincorporated Areas</i>		Washington, D.C.	December 2005	FEMA Map Service Center http://msc.fema.gov
FIA 1982	U.S. Department of Housing and Urban Development, Federal Insurance Administration	<i>Town of Falkville, Morgan County, Alabama, Flood Insurance Study</i>		Washington, D.C.	February 1982	FEMA Map Service Center http://msc.fema.gov
FEMA 1981	Federal Emergency Management Agency	<i>Morgan County (Unincorporated Areas), Alabama, Flood Insurance Study</i>		Washington, D.C.	January 1981	FEMA Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>City of Decatur, Morgan County, Alabama, Flood Insurance Study</i>		Washington, D.C.	January 1979	FEMA Map Service Center http://msc.fema.gov
FEMA 1978	Federal Emergency Management Agency	<i>City of Hartselle, Morgan County, Alabama, Flood Insurance Study</i>		Washington, D.C.	January 1978	FEMA Map Service Center http://msc.fema.gov
USGS 2007	USGS	<i>Magnitude and Frequency of Floods in Alabama, 2003, SIR 2007-5204</i>	T.S. Hedgecock and Toby D. Feaster	Reston, Virginia	2007	www.usgs.gov
USGS 2004	USGS	<i>Magnitude and Frequency of Floods on Small Rural Streams in Alabama, SIR 2004-5135</i>	T.S. Hedgecock	Reston, Virginia	2004	www.usgs.gov
USACE 2010	USACE	<i>HEC-RAS River Analysis System User's Manual Version 4.1</i>	Gary W. Brunner	Davis, California	January 2010	www.usace.army.mil

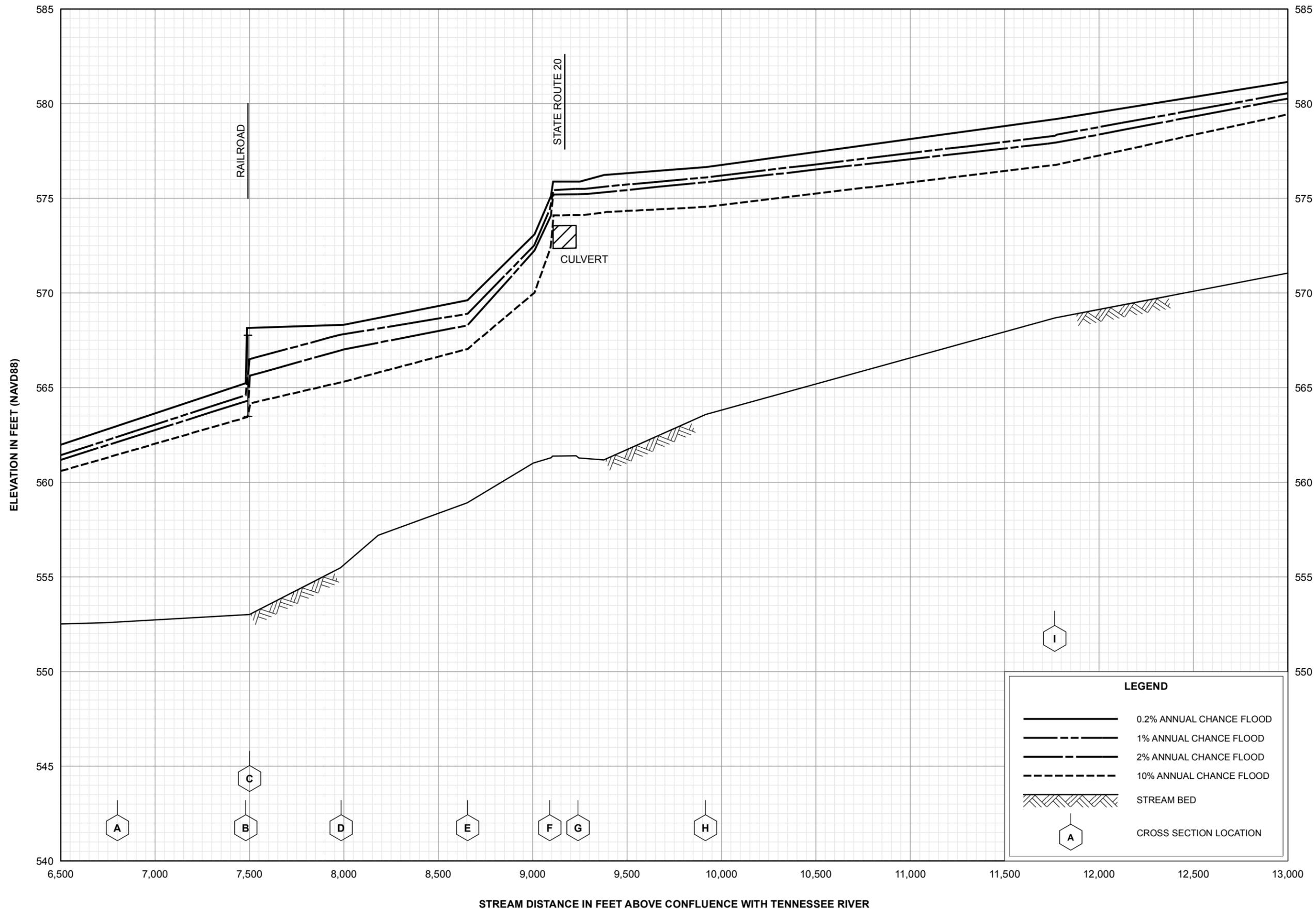
Table 33: Bibliography and References

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
TVA 1957	Tennessee Valley Authority	<i>Floods on the Tennessee River in Vicinity of Decatur, Alabama</i>	Division of Water Control Planning	Knoxville, Tennessee	June 1957	www.tva.gov
TVA	Tennessee Valley Authority	<i>Operations of TVA reservoirs, Annual Reports</i>	Division of Water Control Planning	Knoxville, Tennessee		www.tva.gov



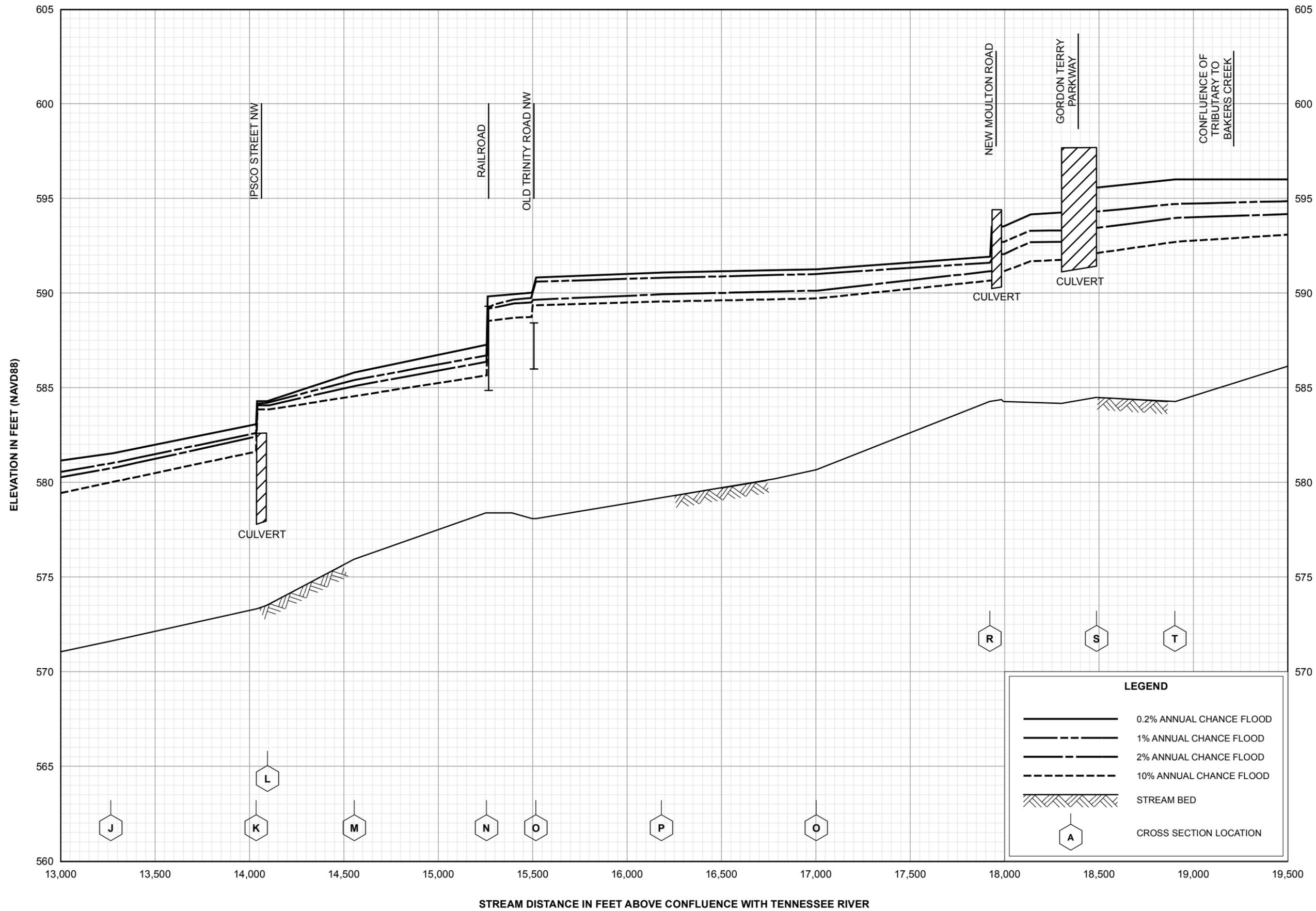
FLOOD PROFILES
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



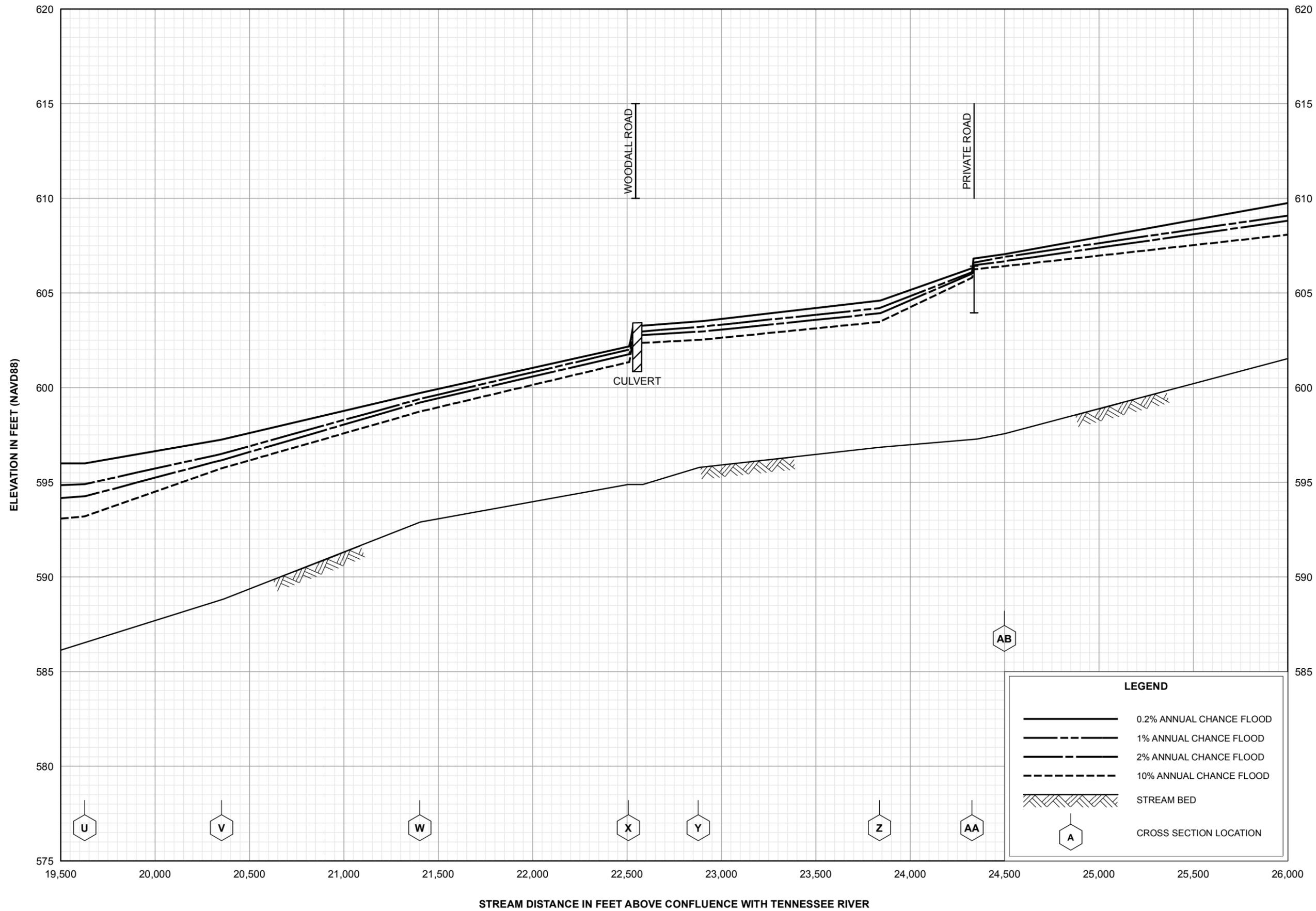
FLOOD PROFILES
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



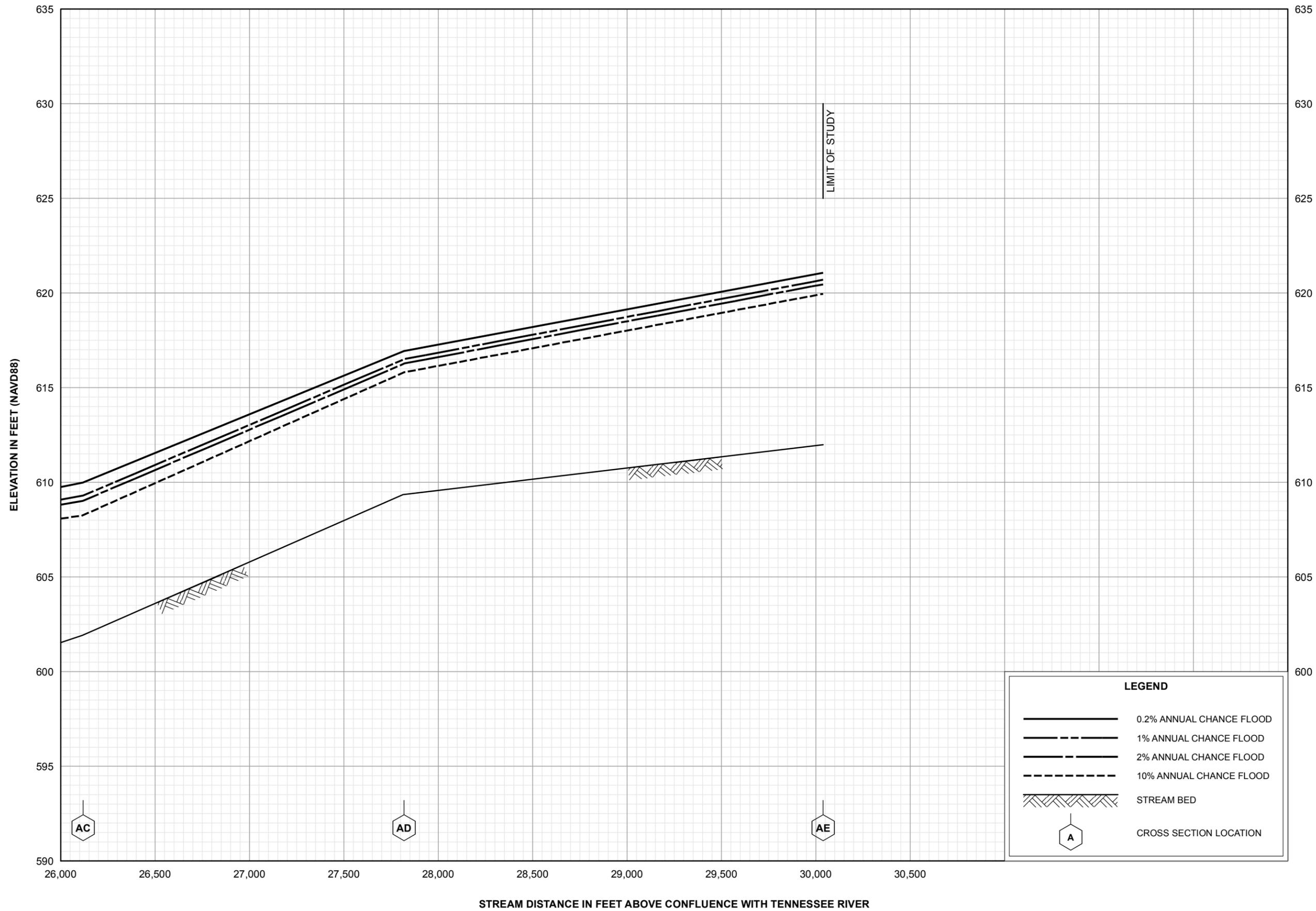
FLOOD PROFILES
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



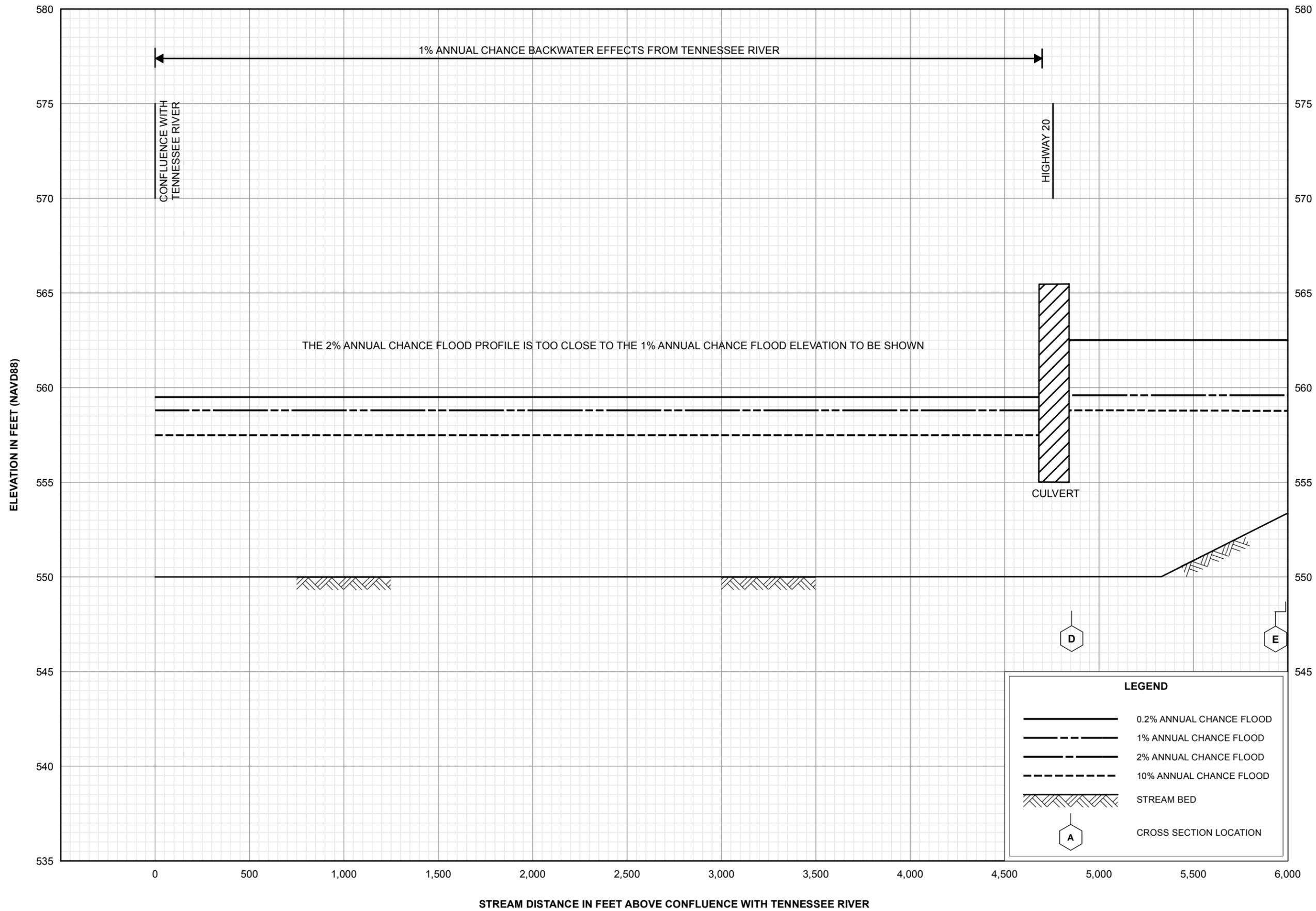
FLOOD PROFILES
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



FLOOD PROFILES
BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

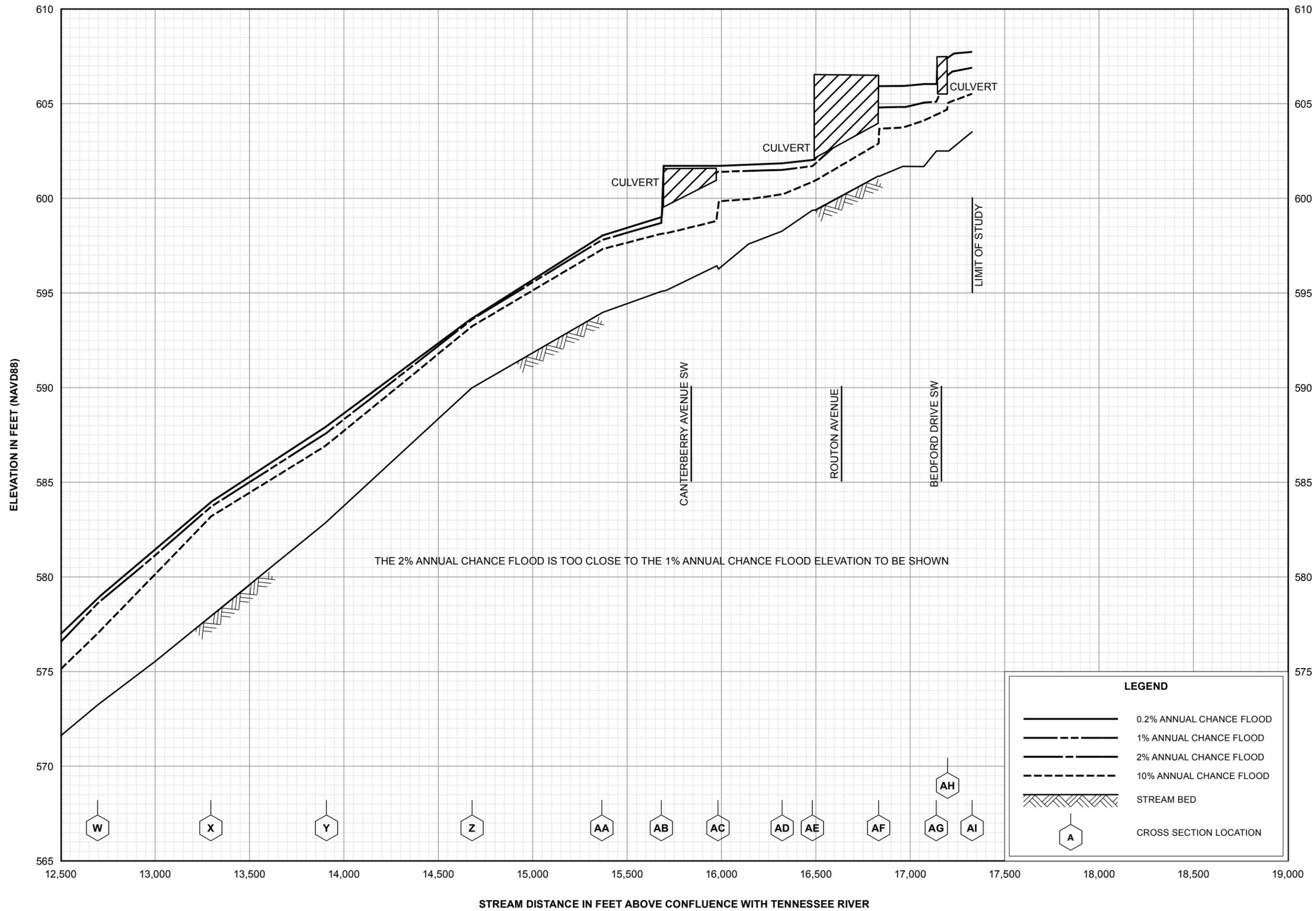


FLOOD PROFILES

BETTY RYE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



LEGEND

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

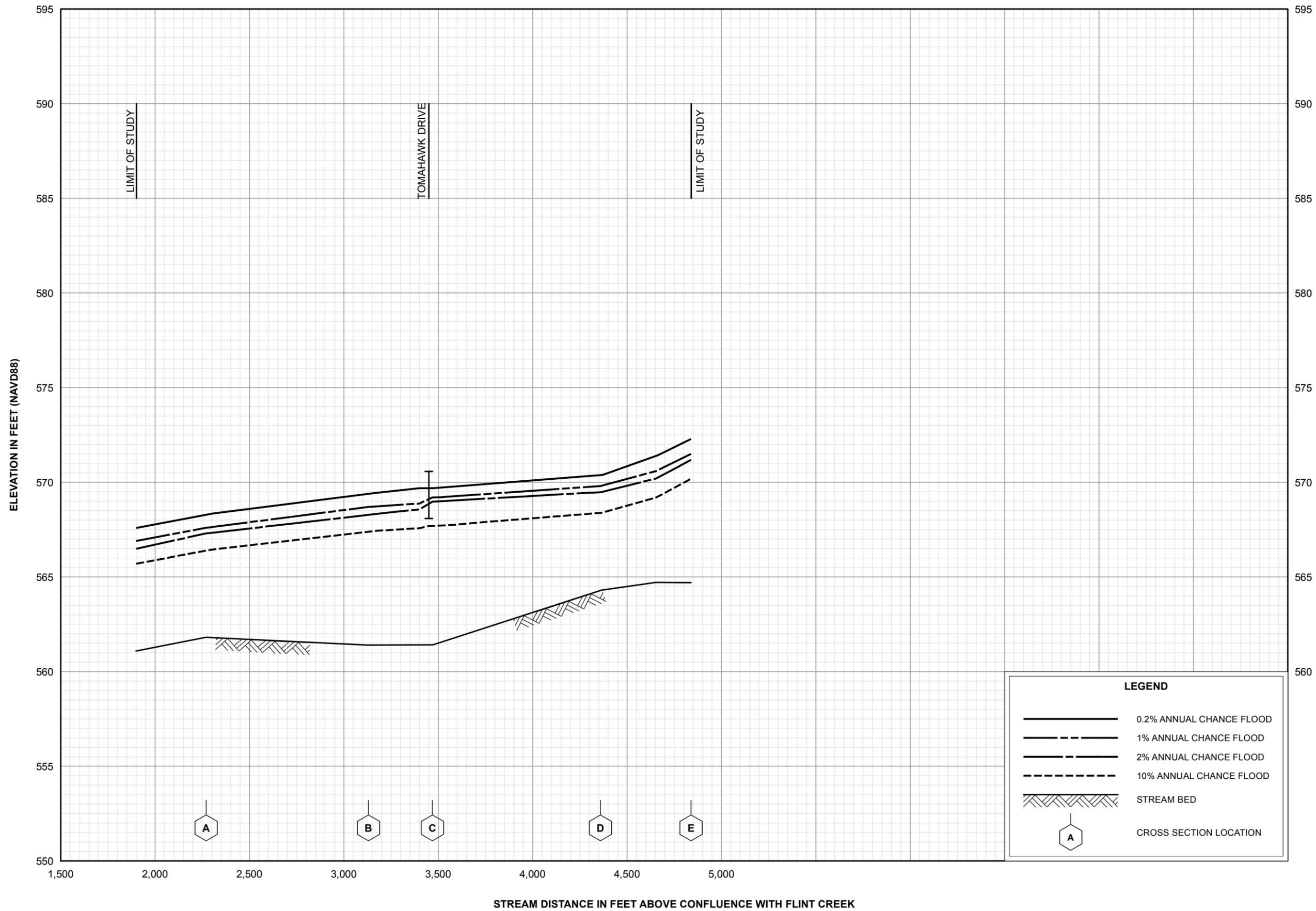
FLOOD PROFILES

BETTY RYE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

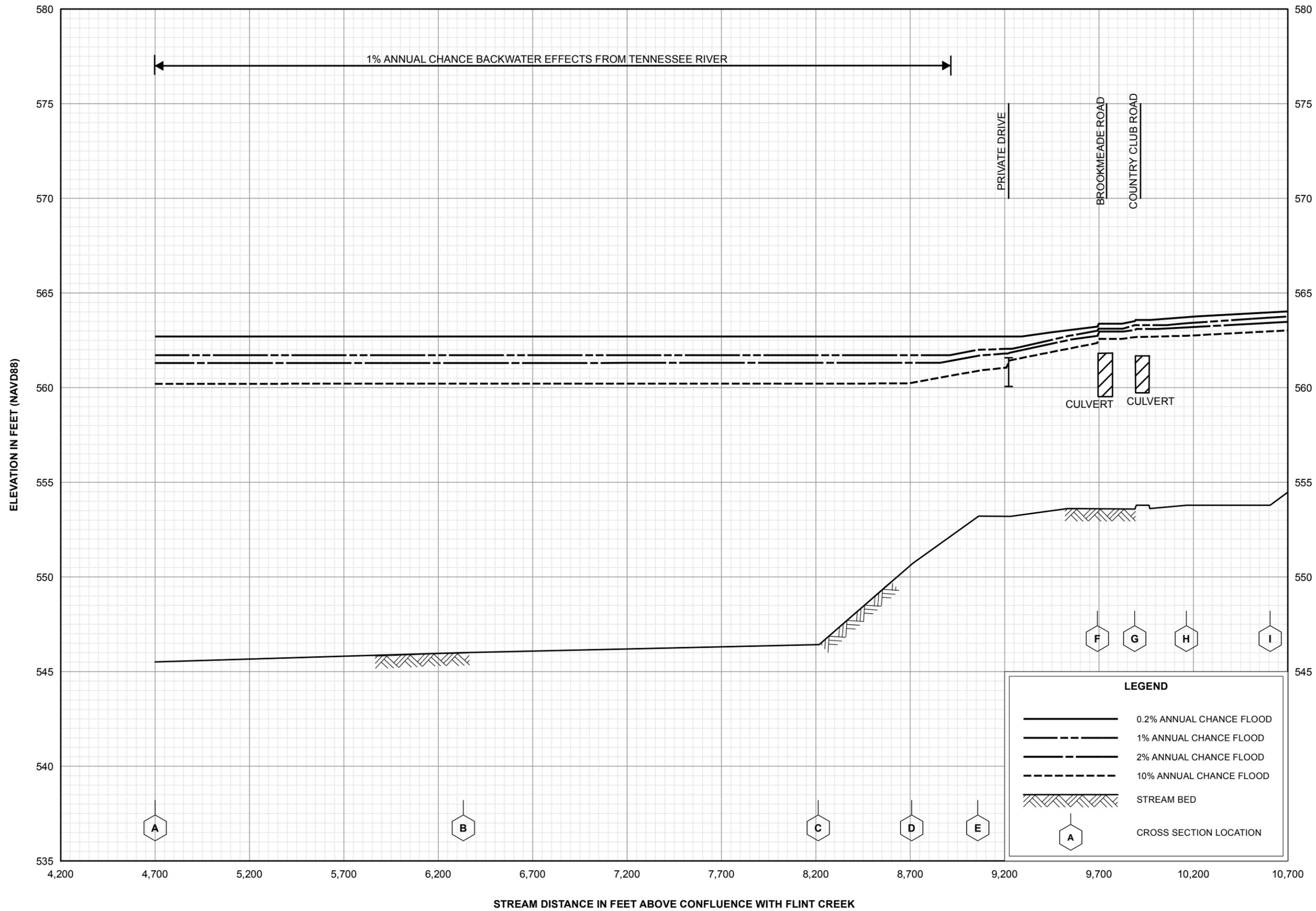
MORGAN COUNTY, AL

AND INCORPORATED AREAS



FLOOD PROFILES
BLUE HOLE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



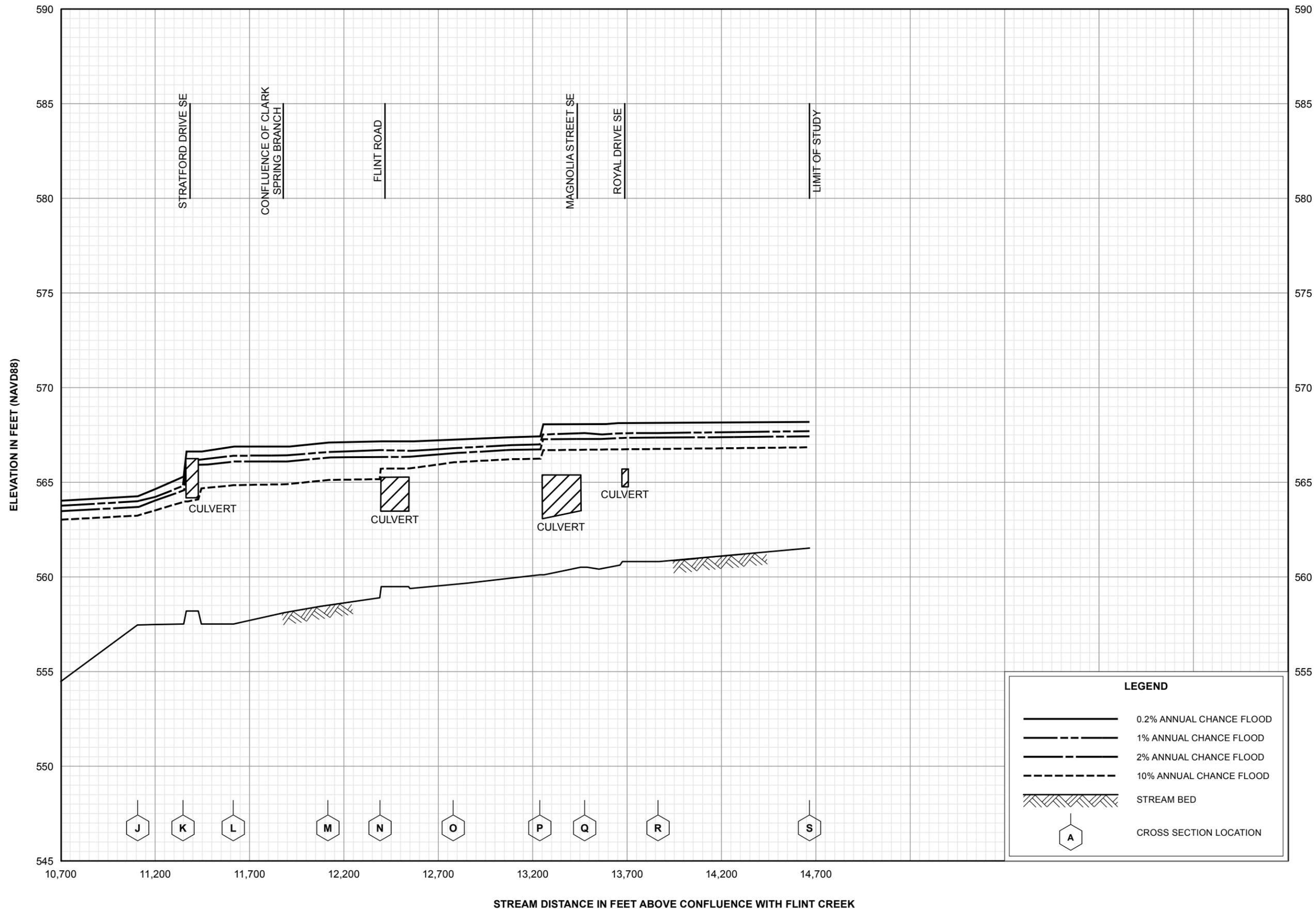
FLOOD PROFILES

BRUSH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MORGAN COUNTY, AL

AND INCORPORATED AREAS

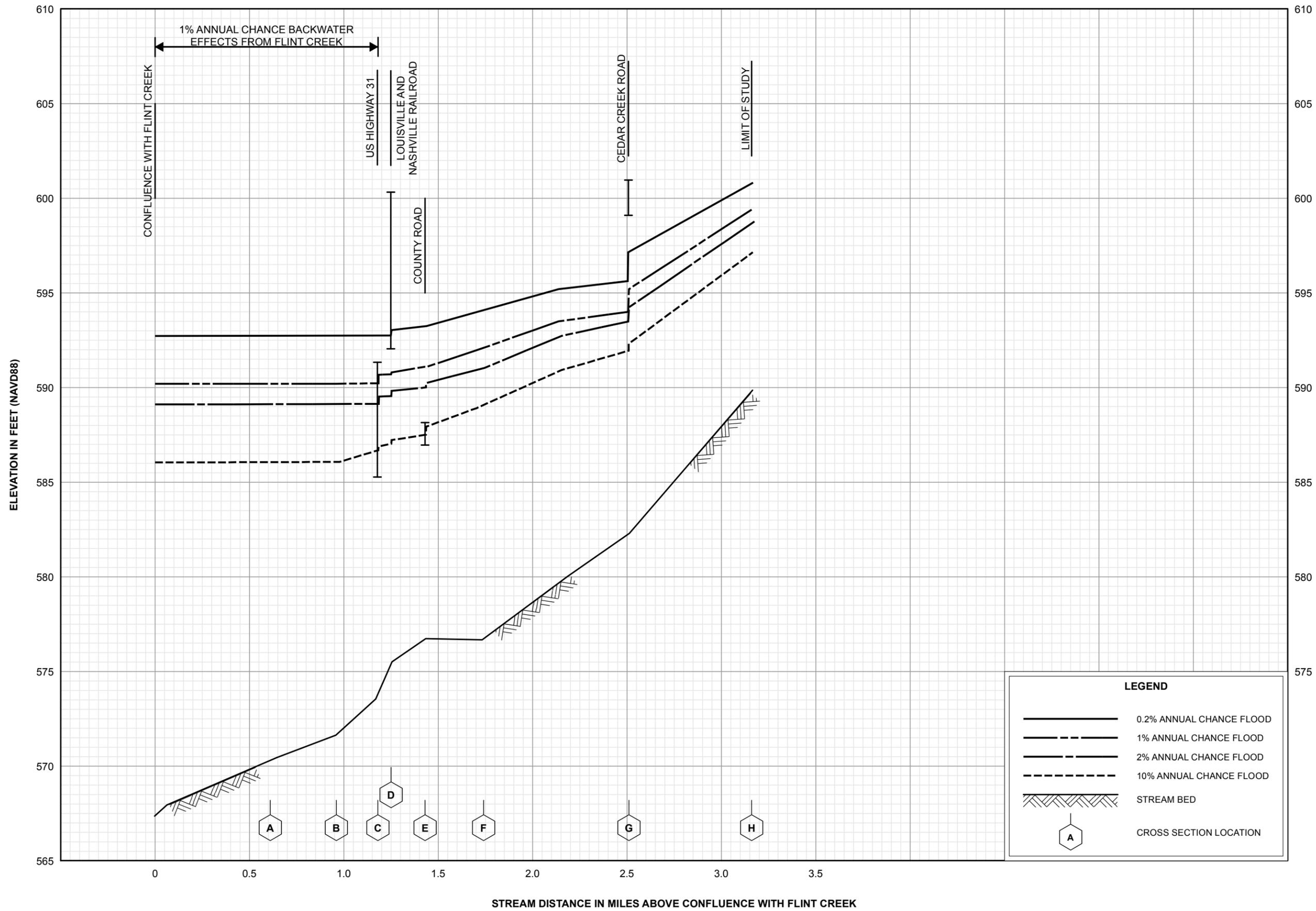


LEGEND

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

**FLOOD PROFILES
BRUSH CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

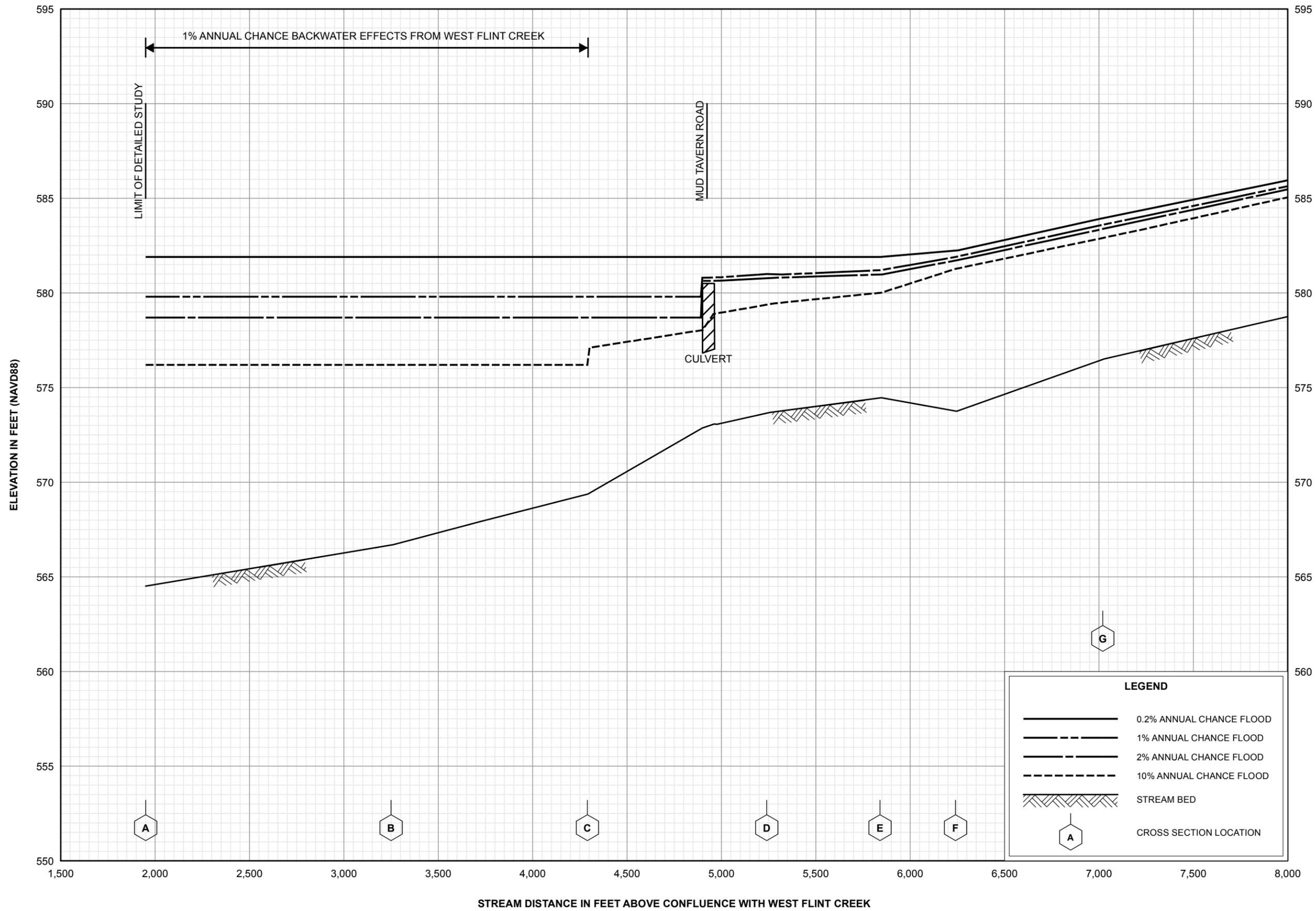


LEGEND

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

FLOOD PROFILES
CEDAR CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



LEGEND

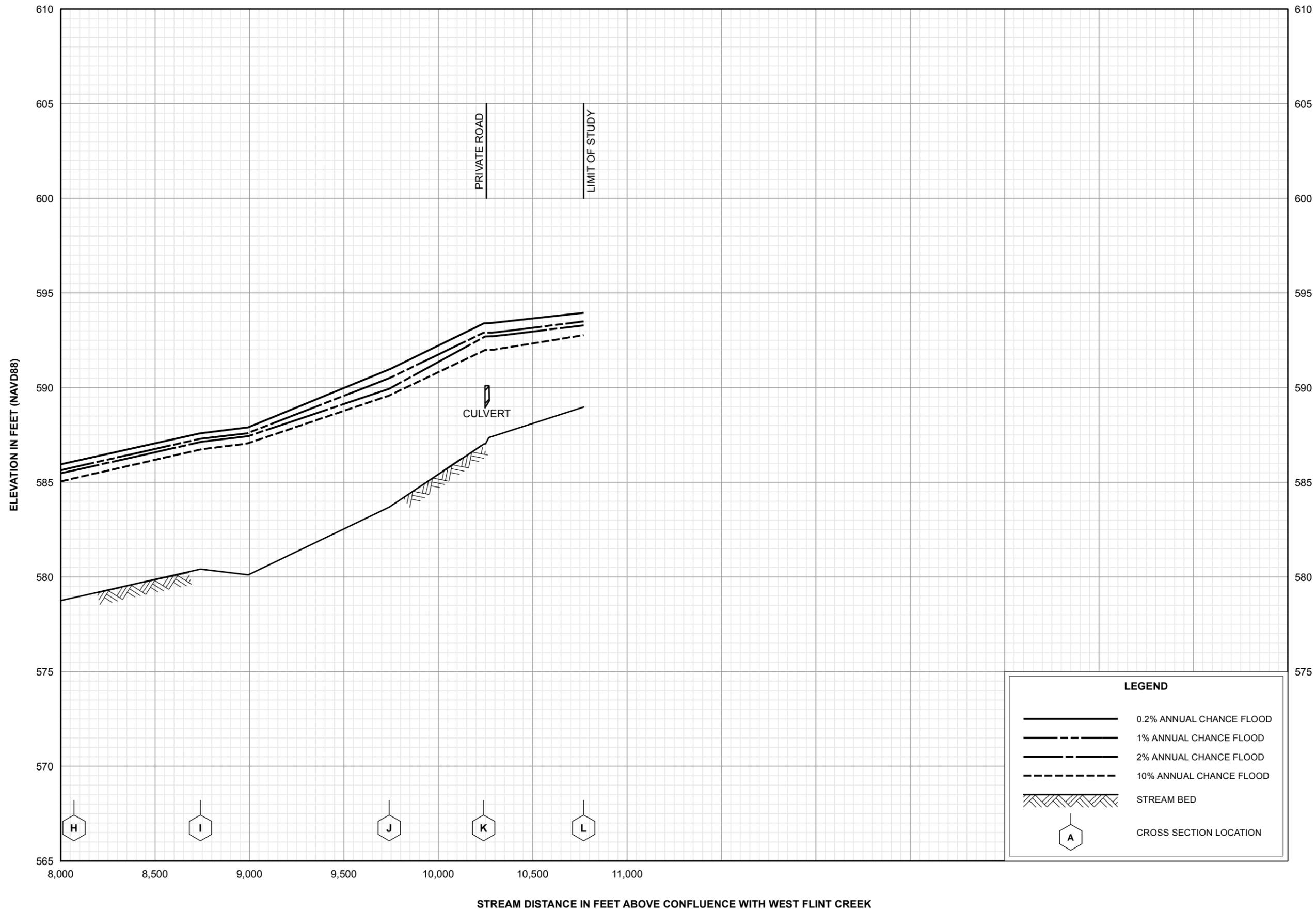
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	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES

CHAPEL HILL BRANCH

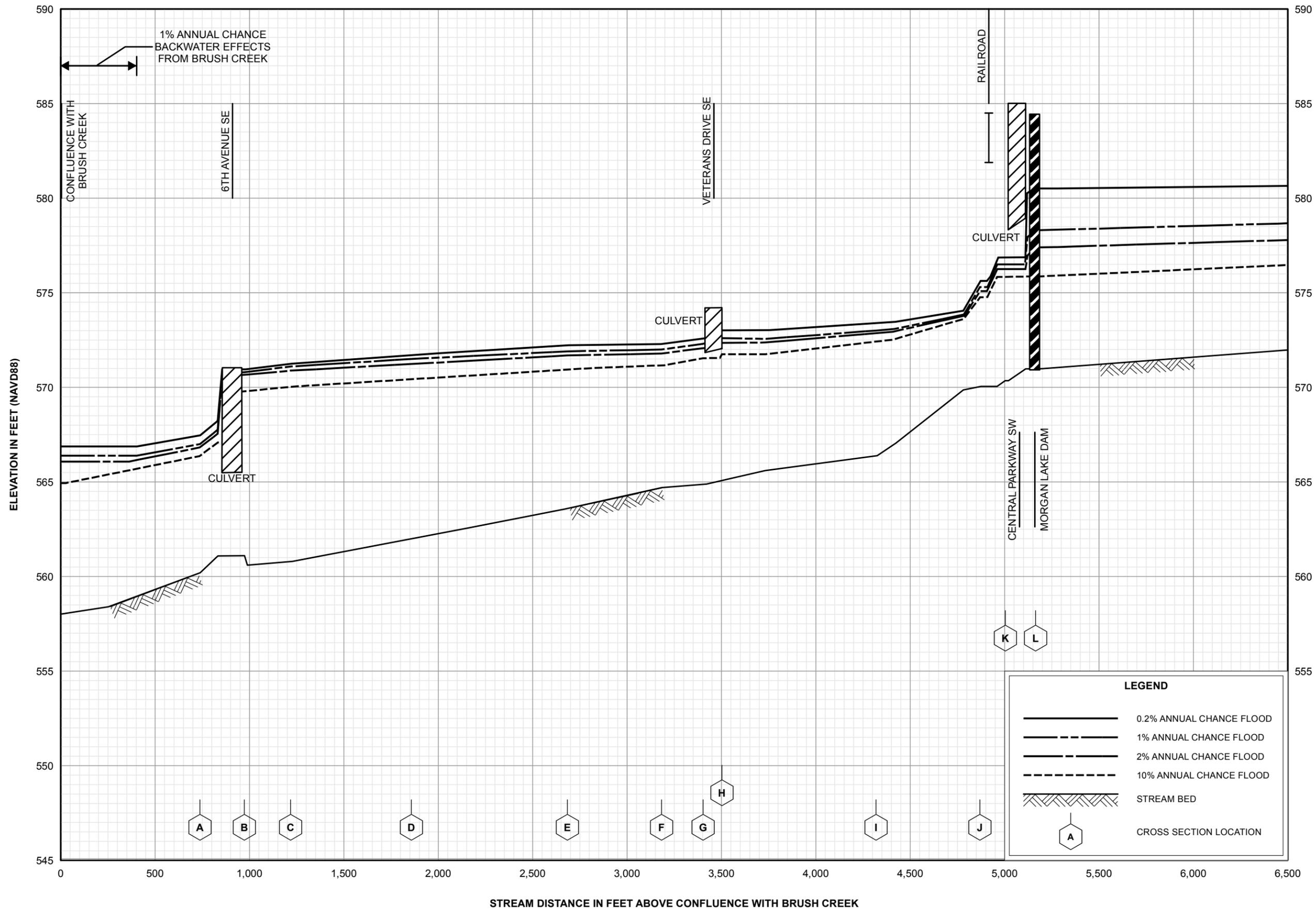
FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



FLOOD PROFILES
CHAPEL HILL BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

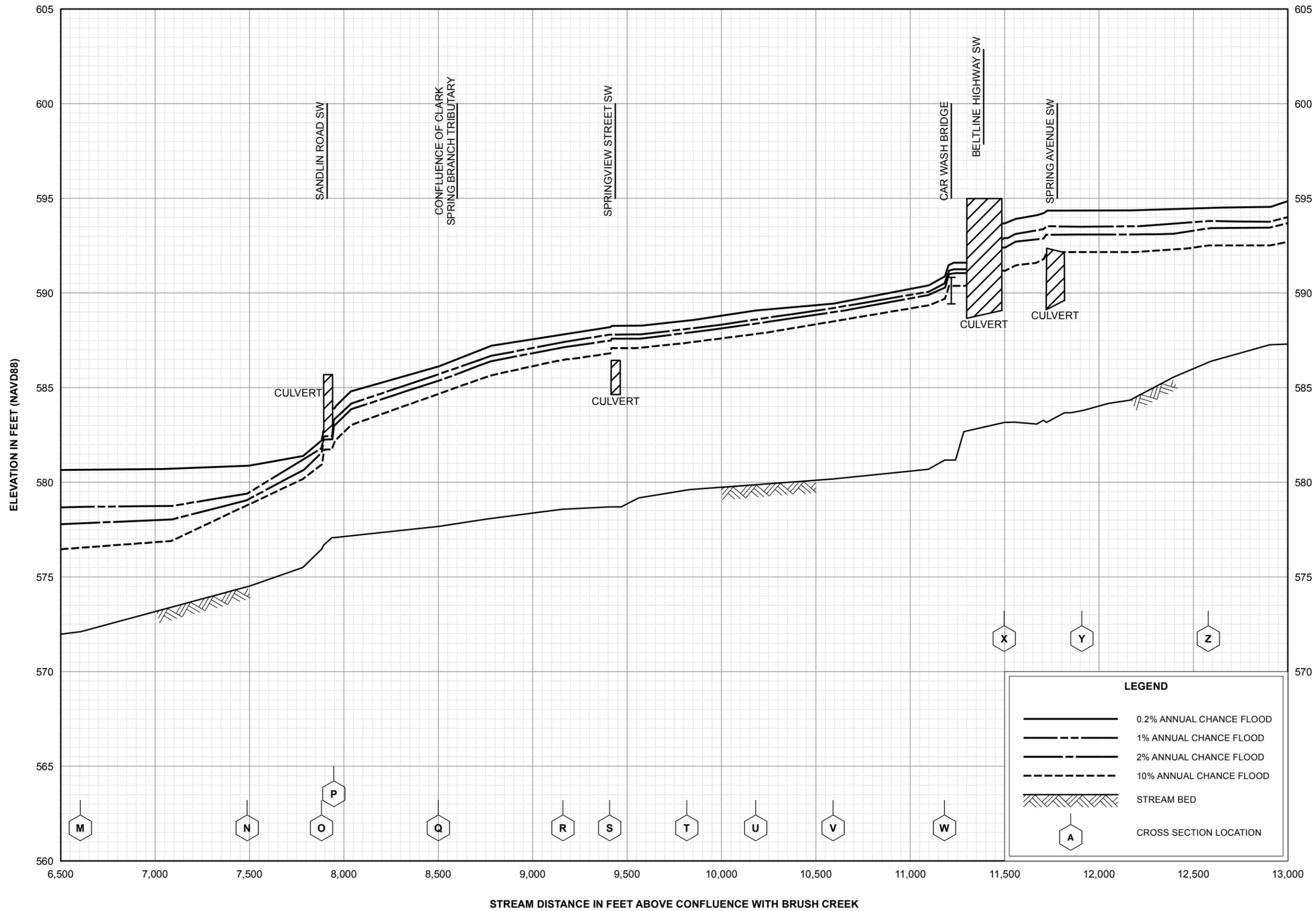


FLOOD PROFILES

CLARK SPRING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

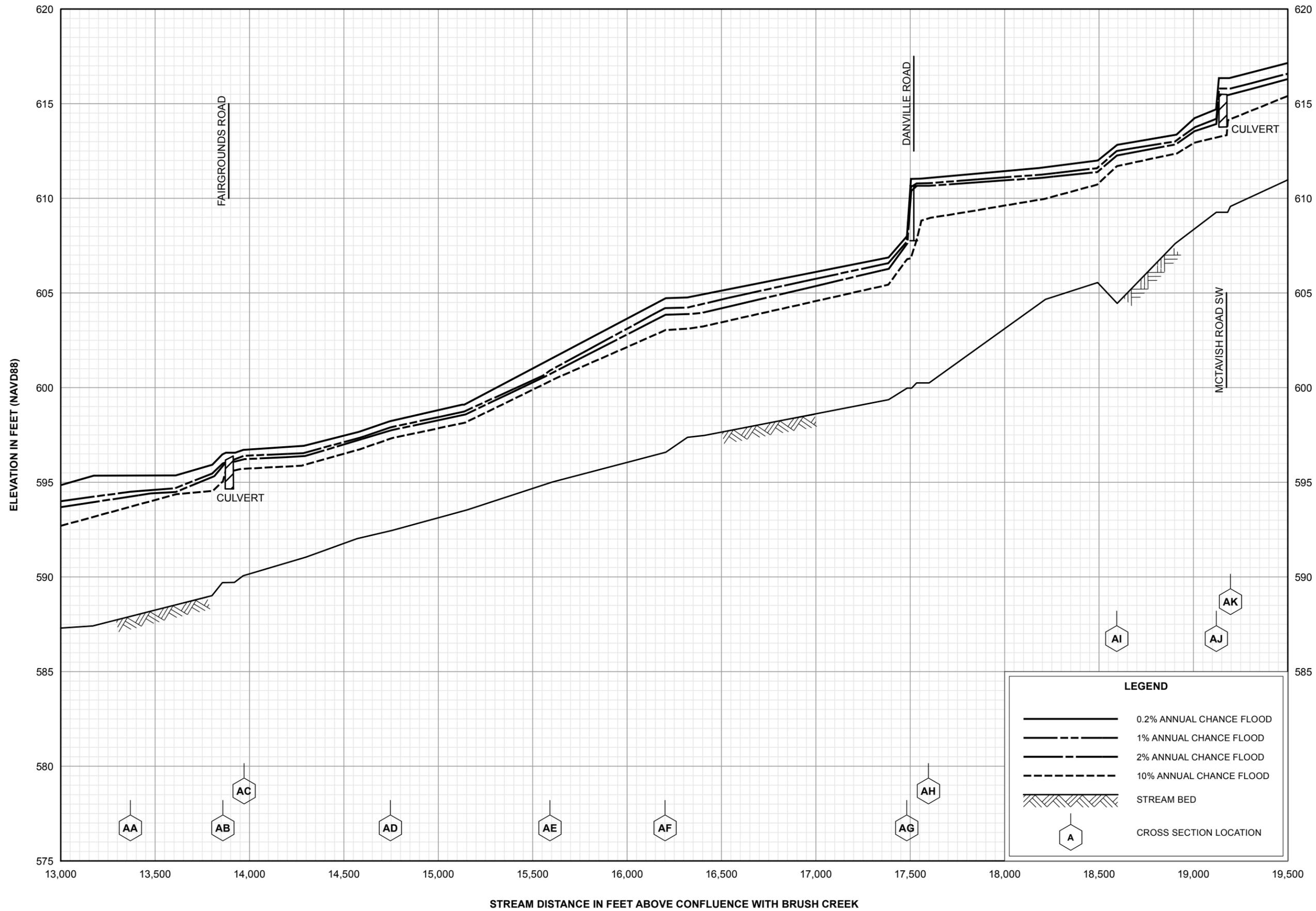


FLOOD PROFILES

CLARK SPRING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

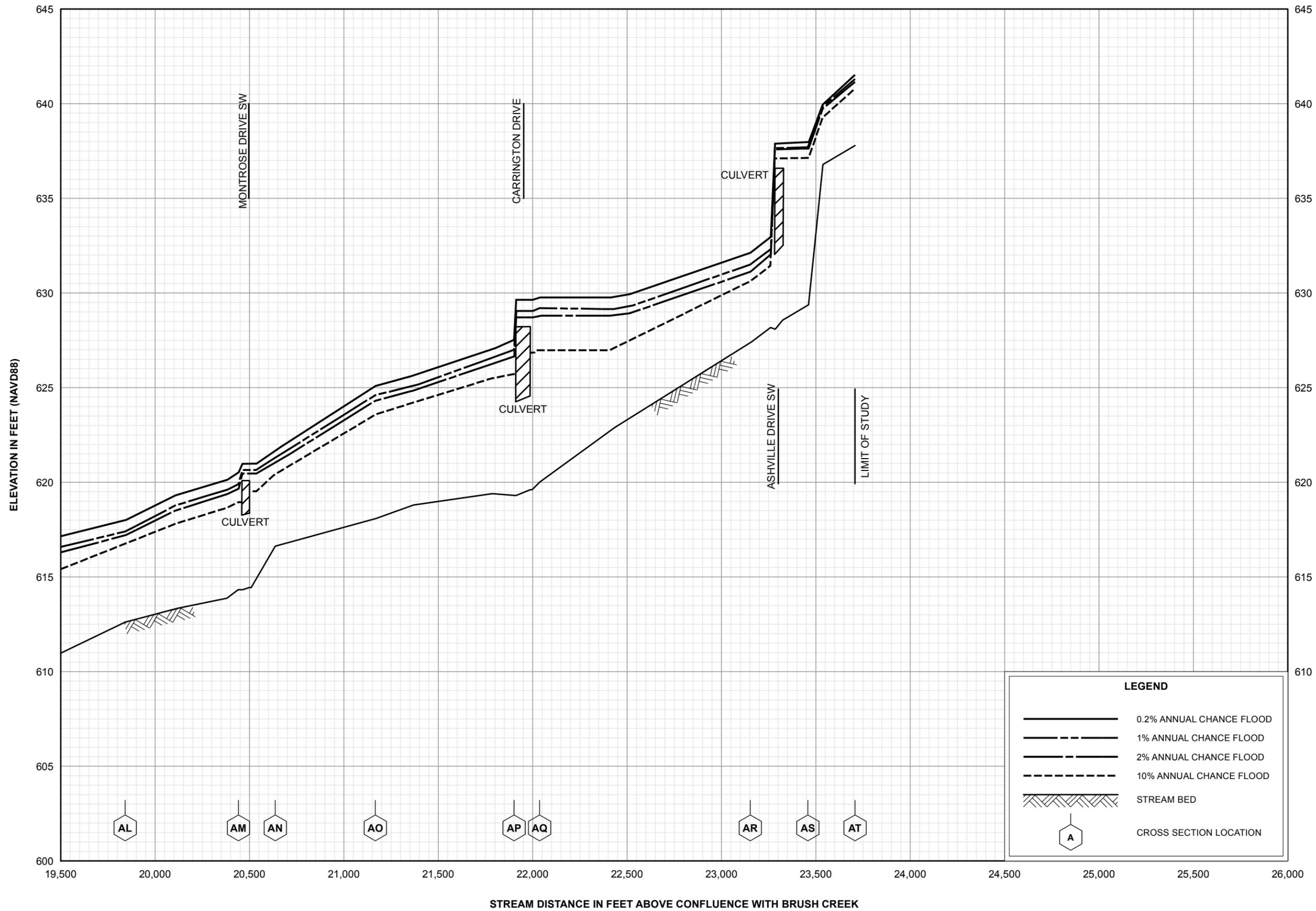


FLOOD PROFILES

CLARK SPRING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

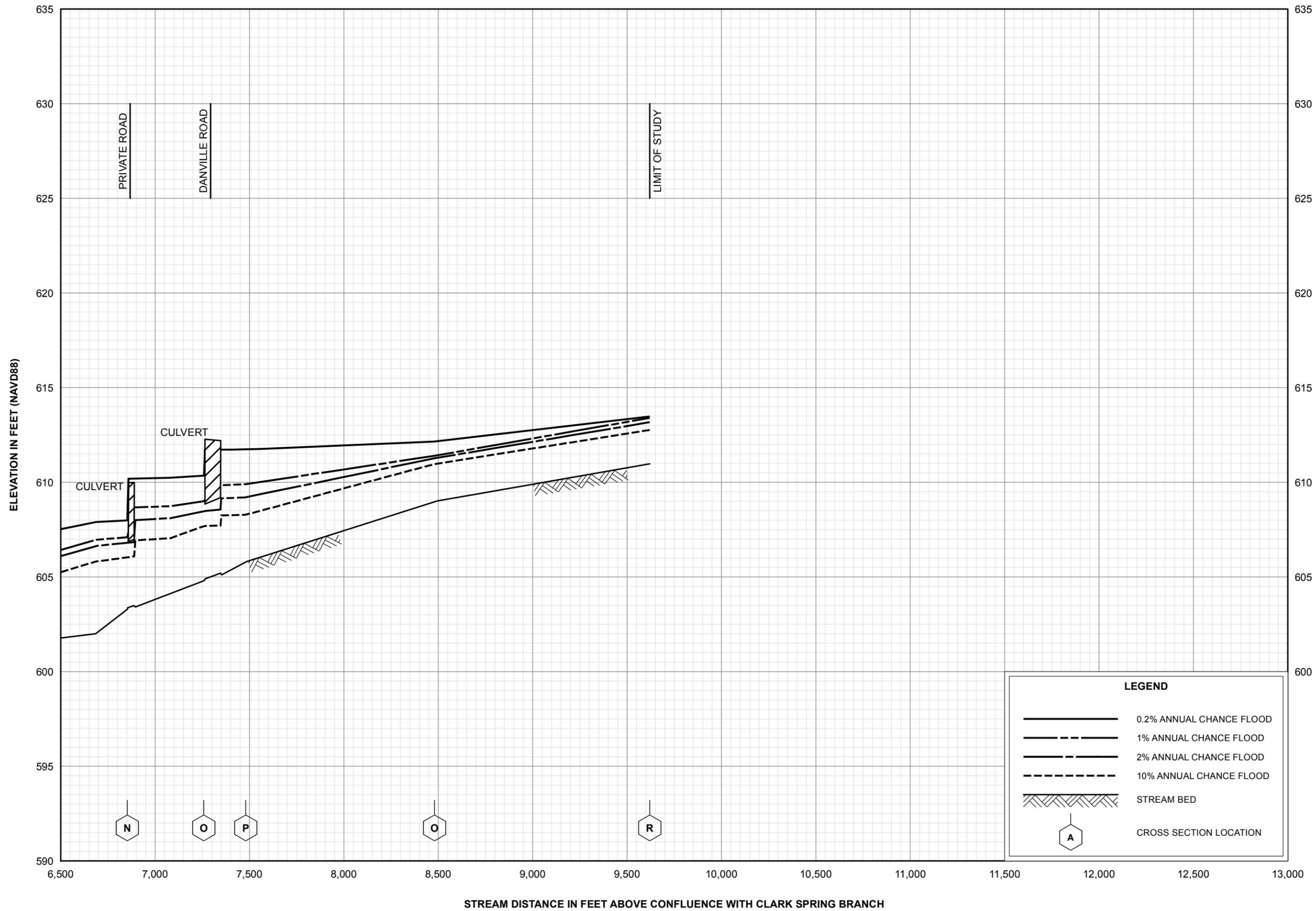


LEGEND

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- · - 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

FLOOD PROFILES
CLARK SPRING BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

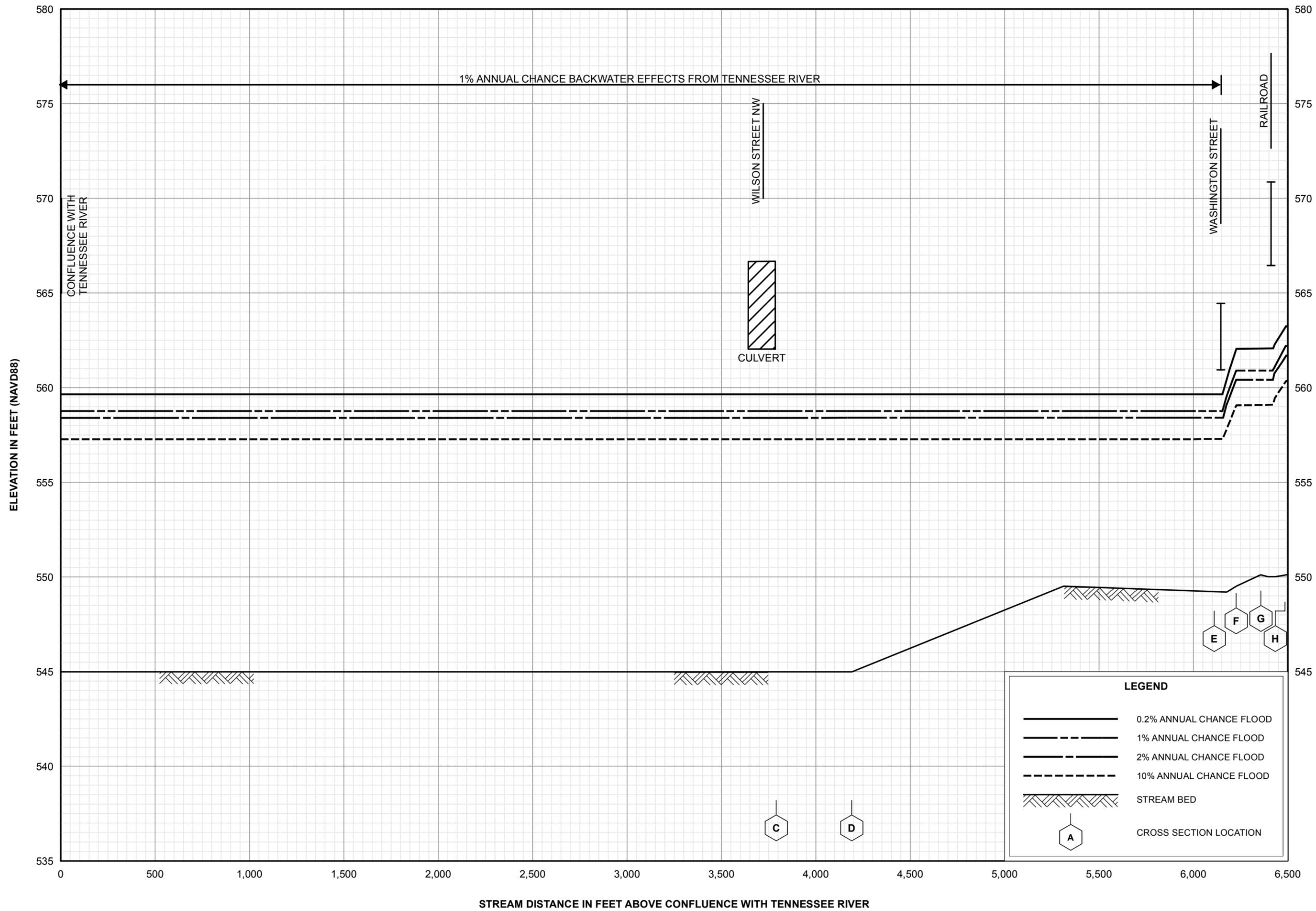


FLOOD PROFILES

CLARK SPRING BRANCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

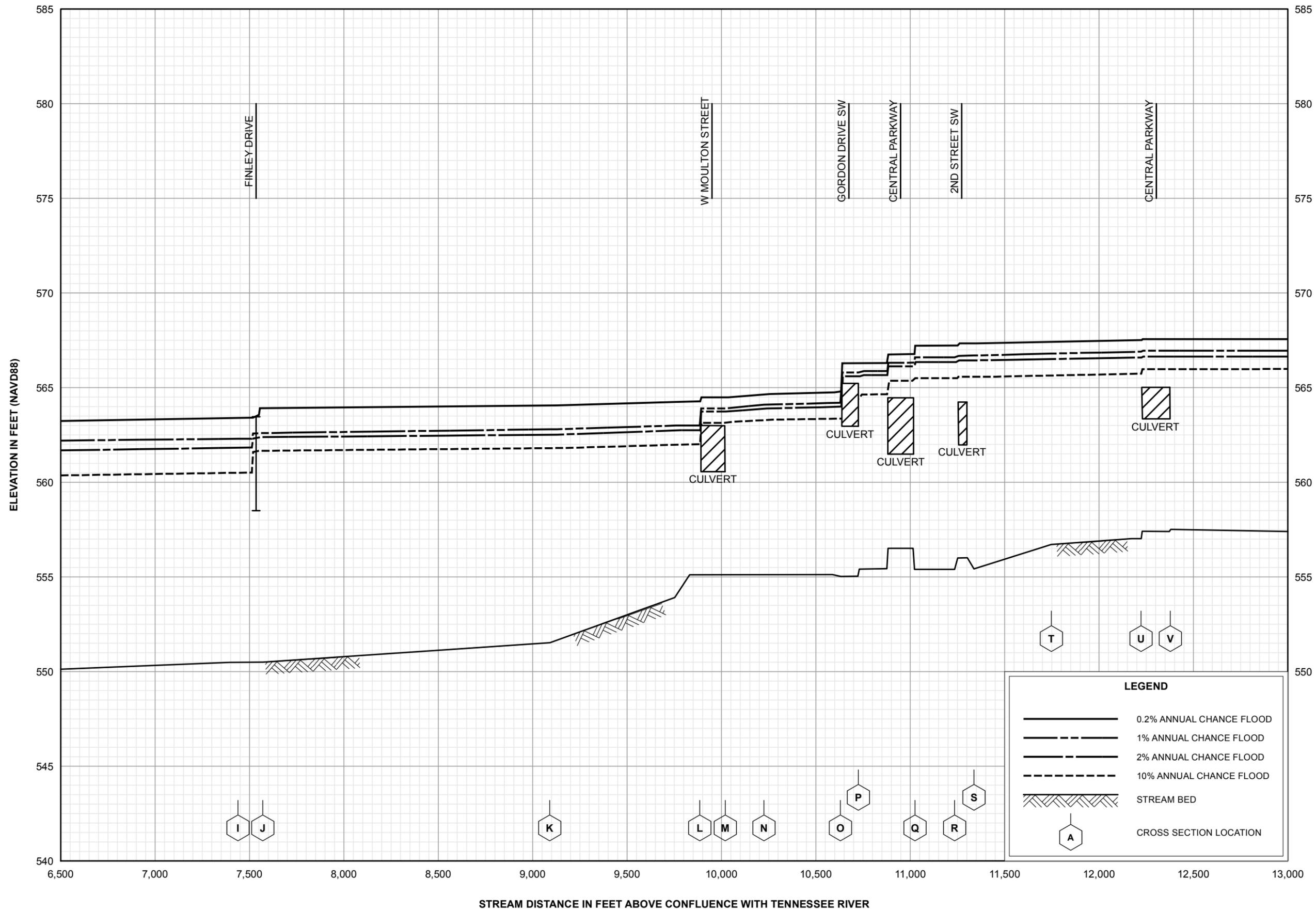


FLOOD PROFILES

DRY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

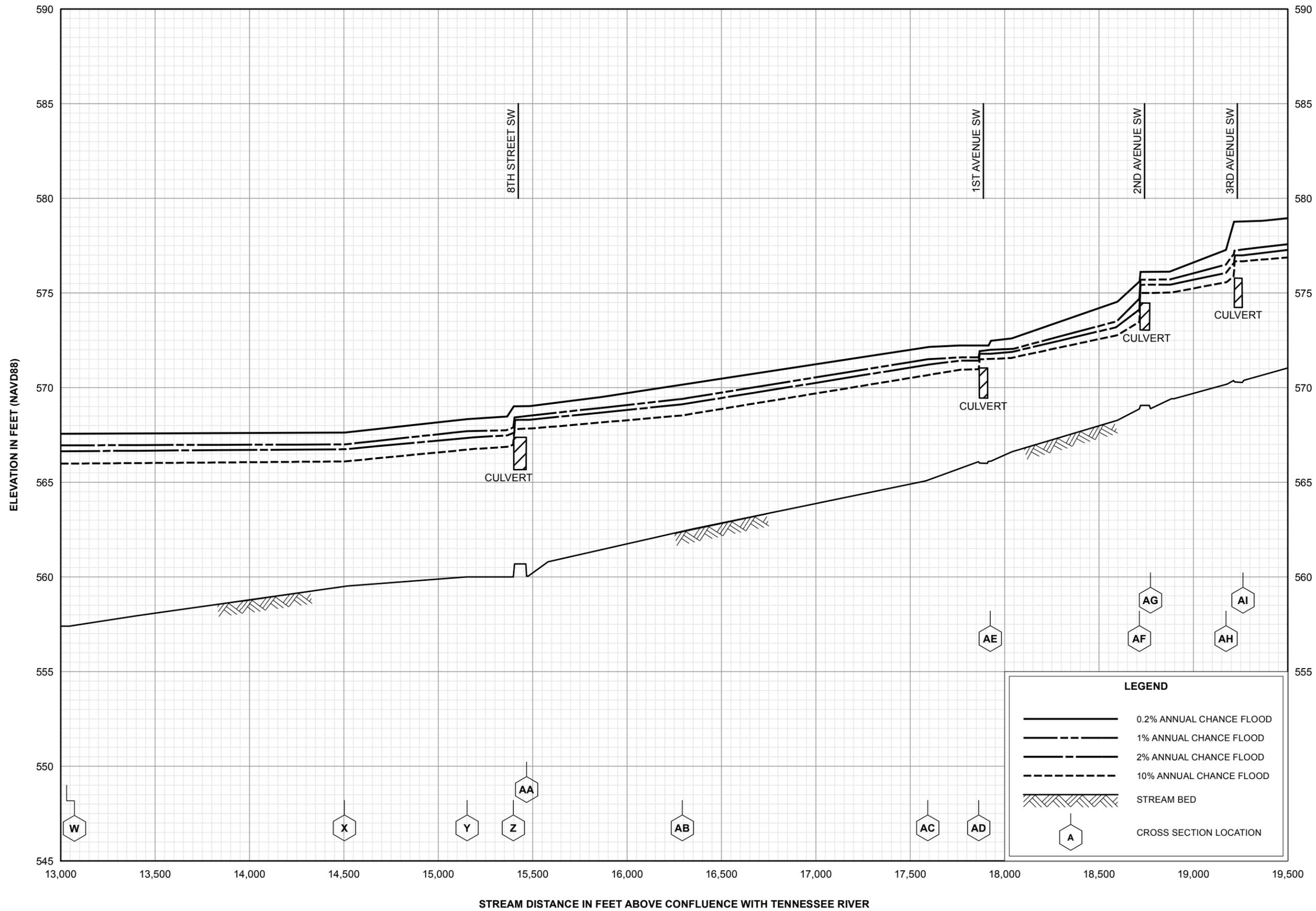


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DRY BRANCH

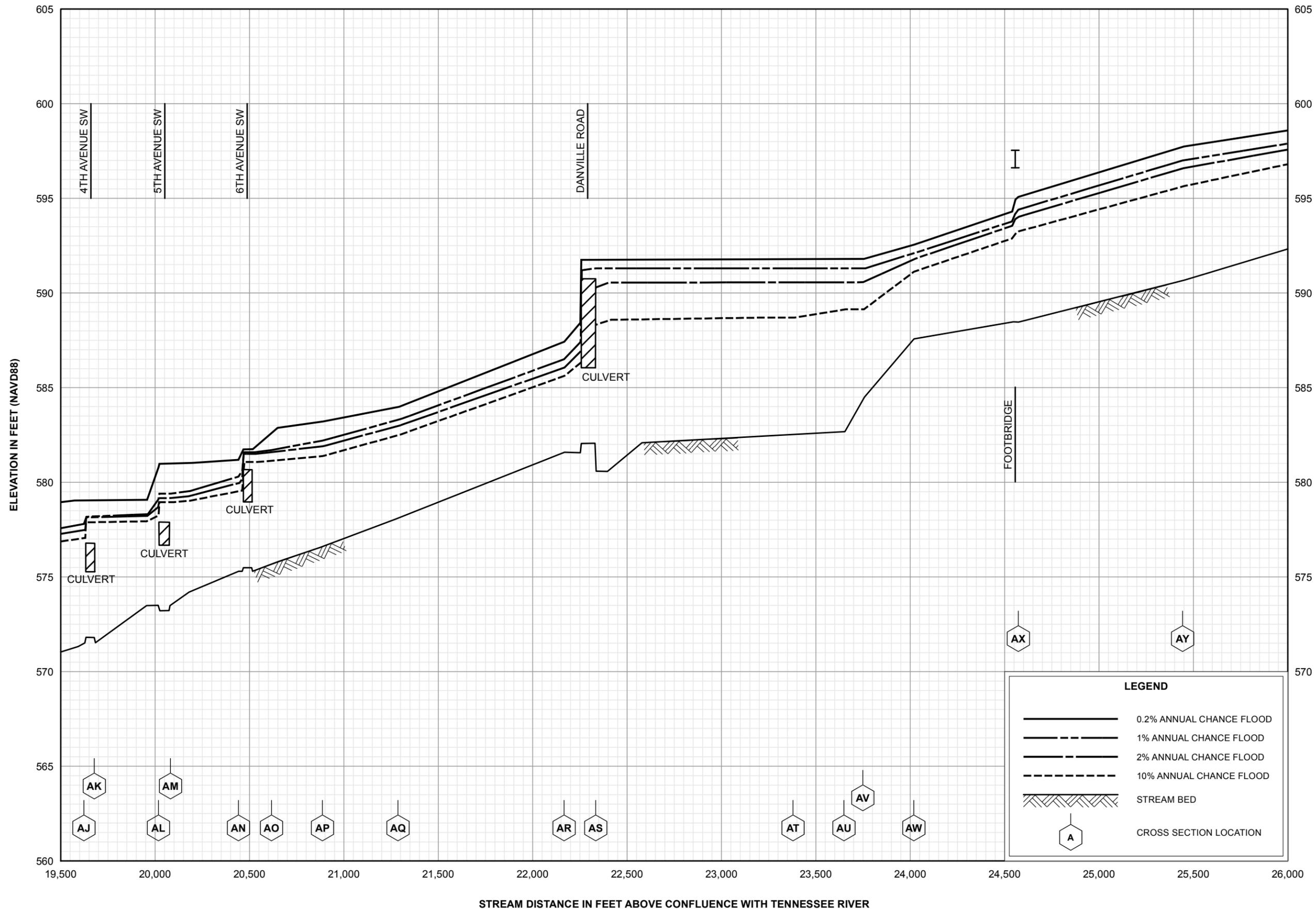
FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



FLOOD PROFILES
DRY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

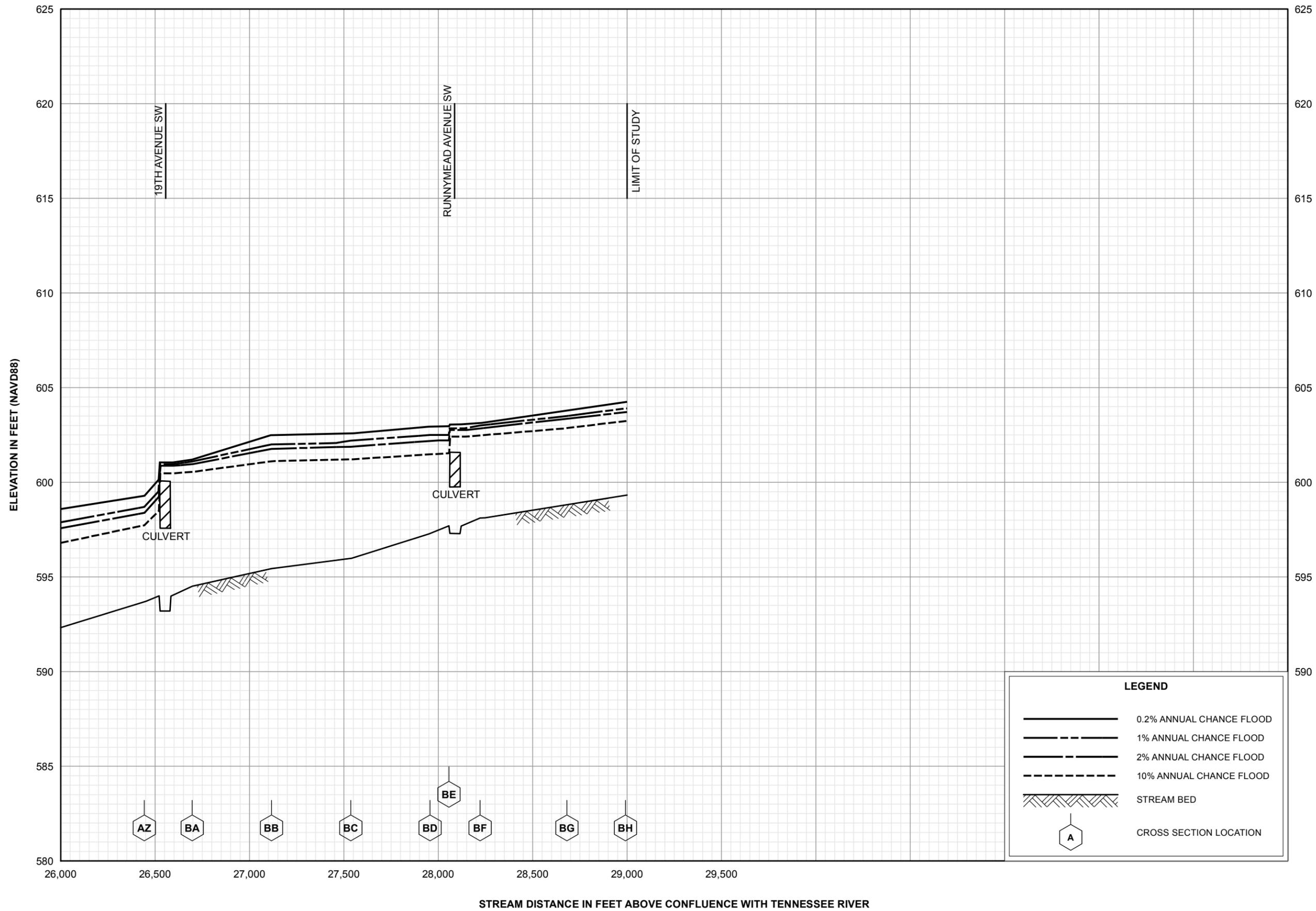


LEGEND

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- - - 1% ANNUAL CHANCE FLOOD
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- · · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

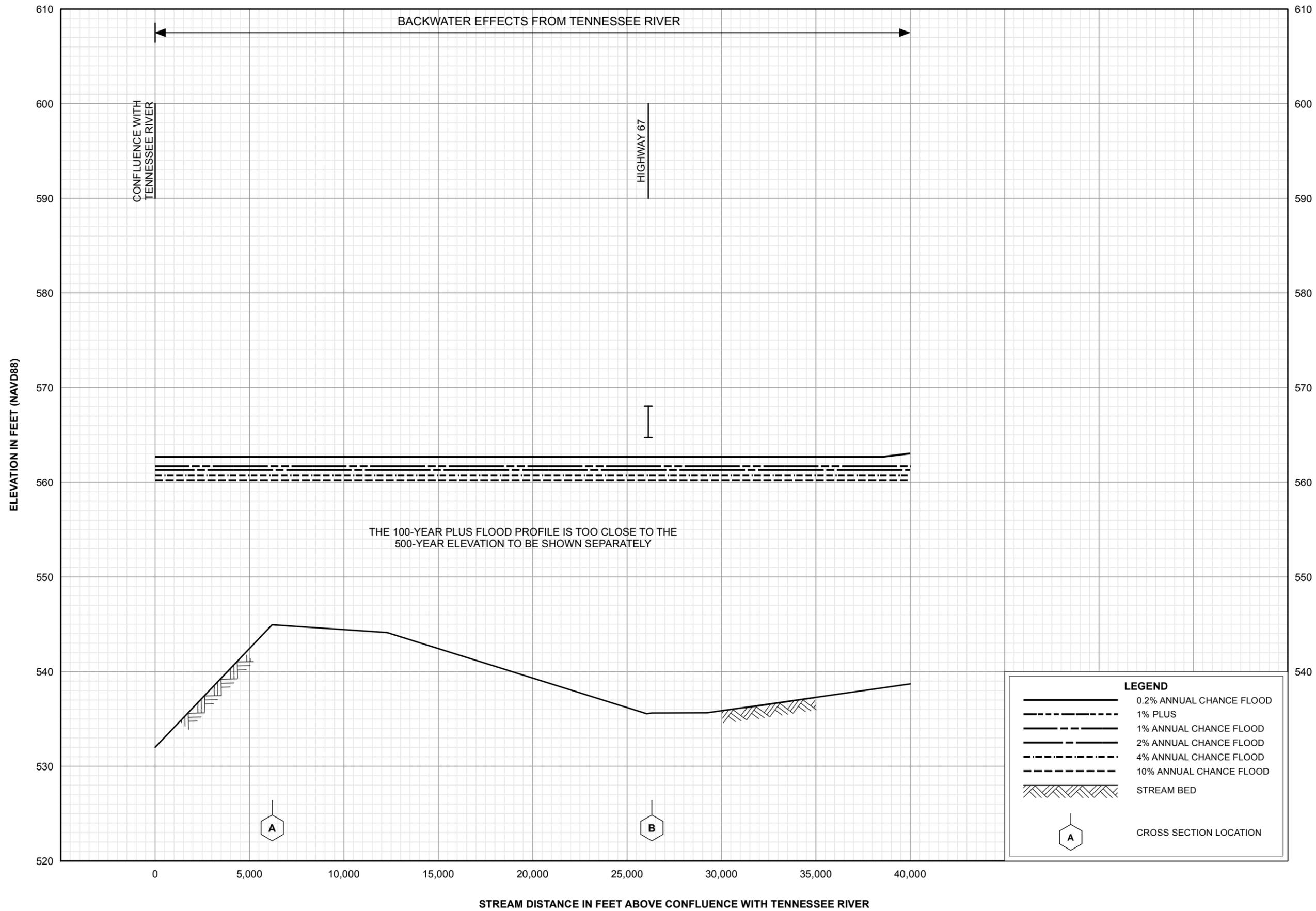
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DRY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



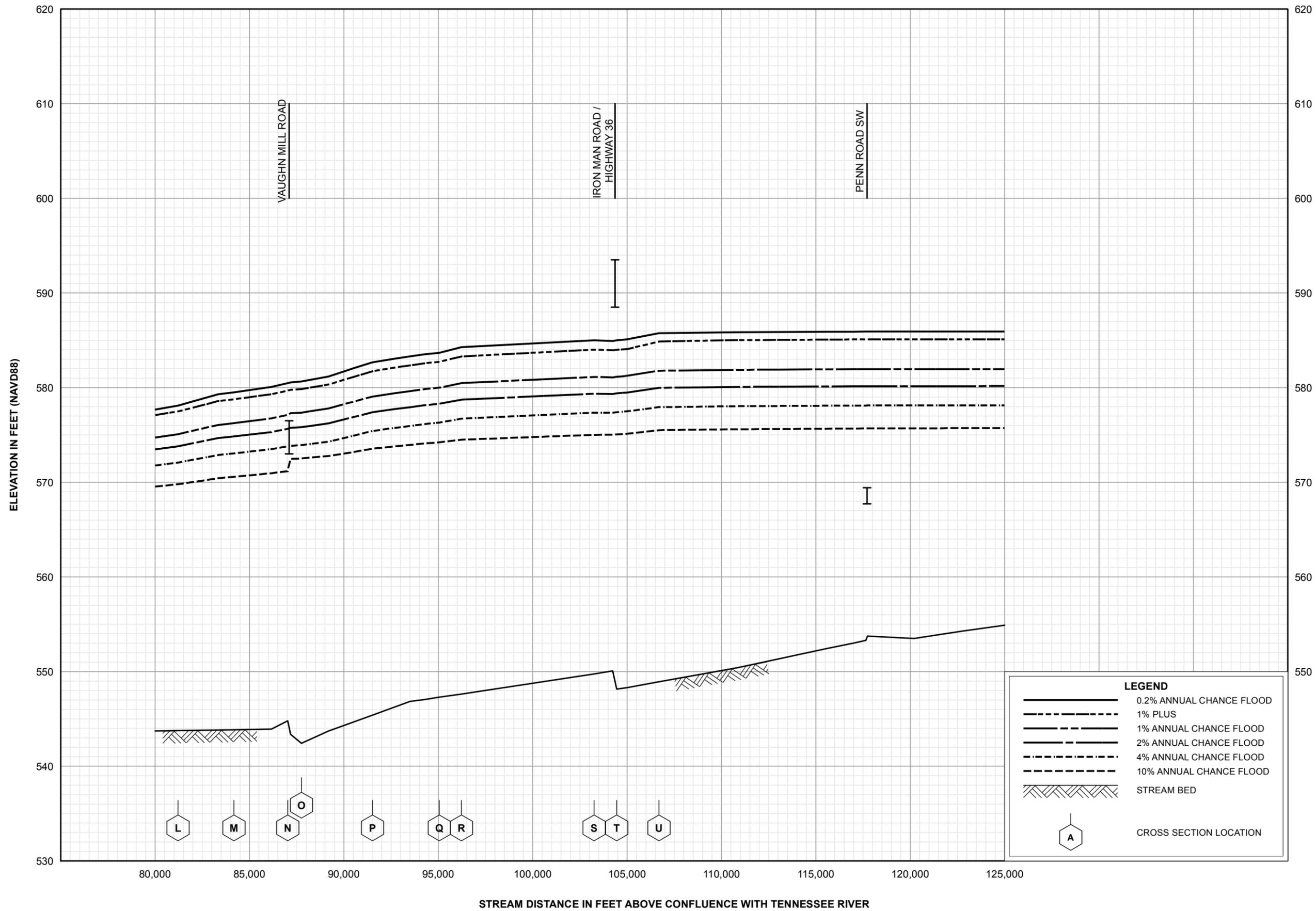
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DRY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



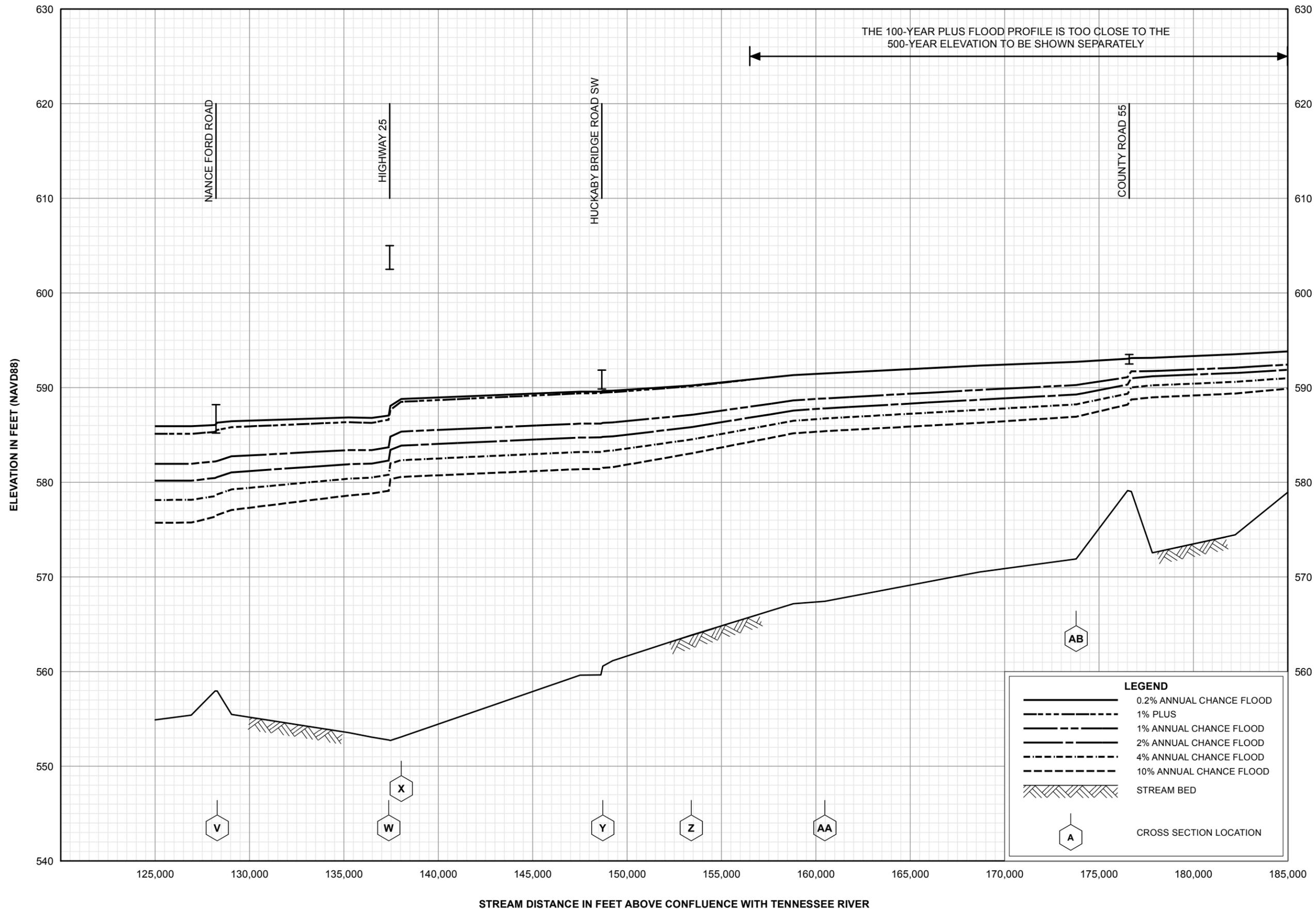
**FLOOD PROFILES
FLINT CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**MORGAN COUNTY
AND INCORPORATED AREAS**



**FLOOD PROFILES
FLINT CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**MORGAN COUNTY
AND INCORPORATED AREAS**

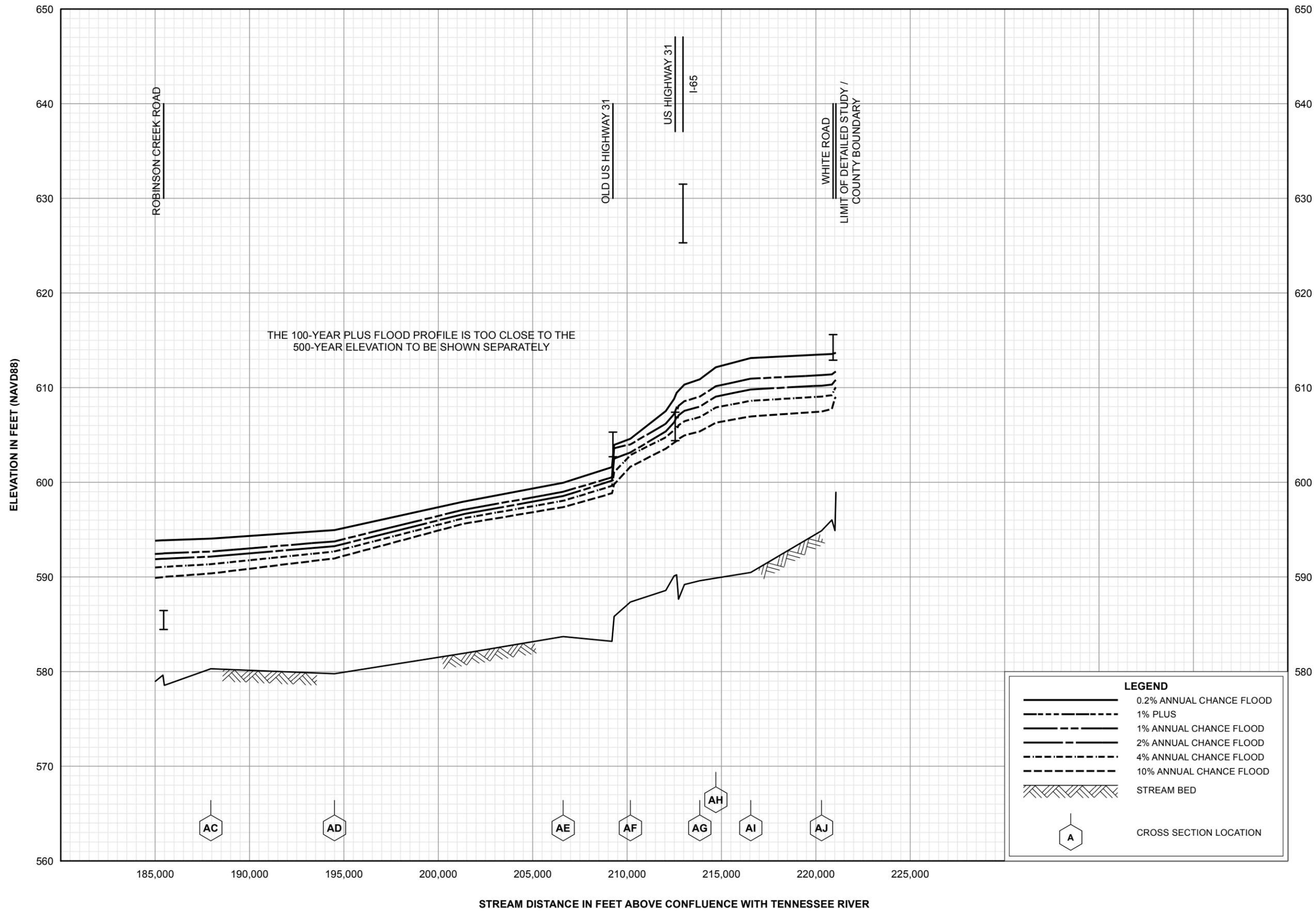


FLOOD PROFILES

FLINT CREEK

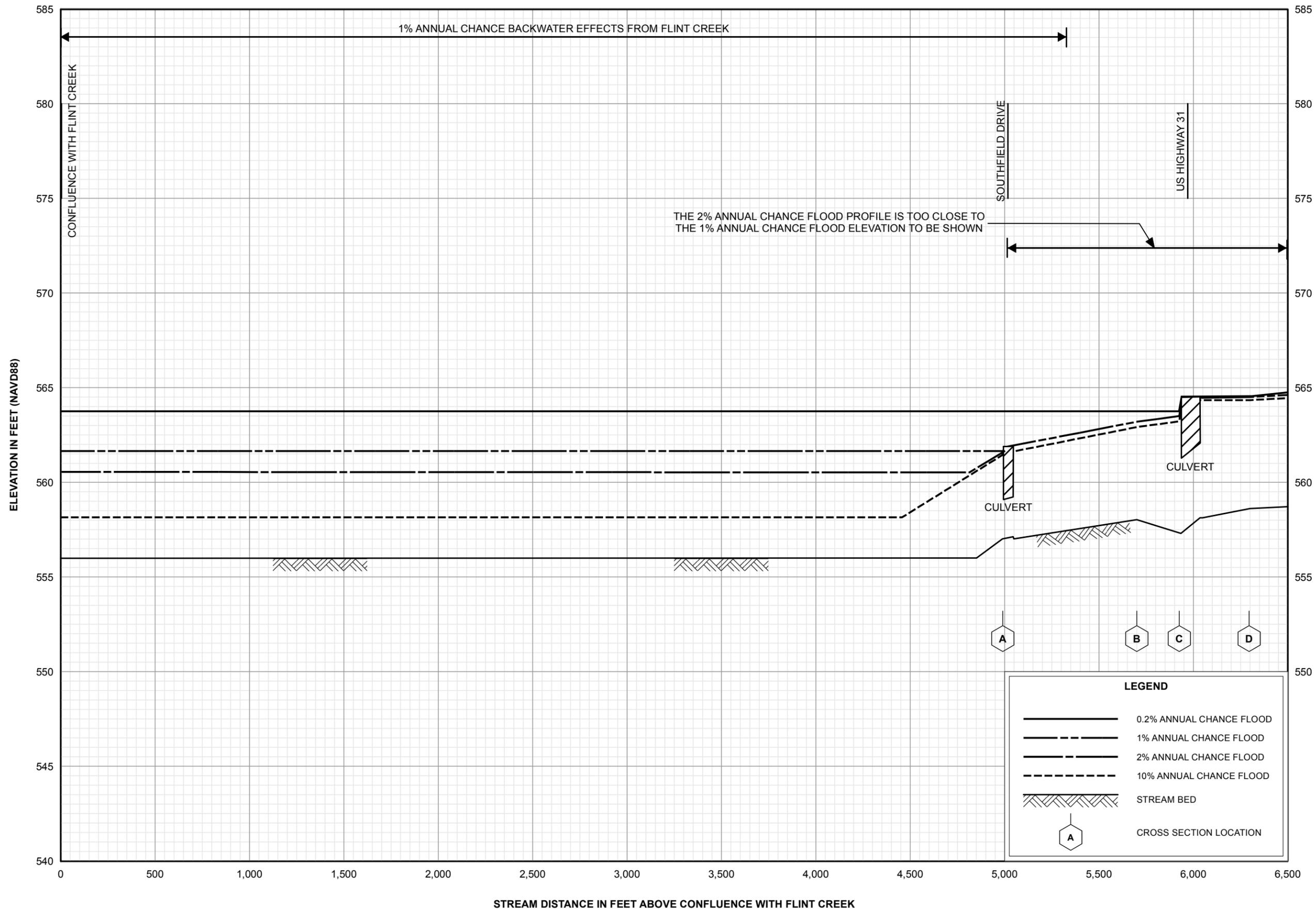
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**MORGAN COUNTY
AND INCORPORATED AREAS**



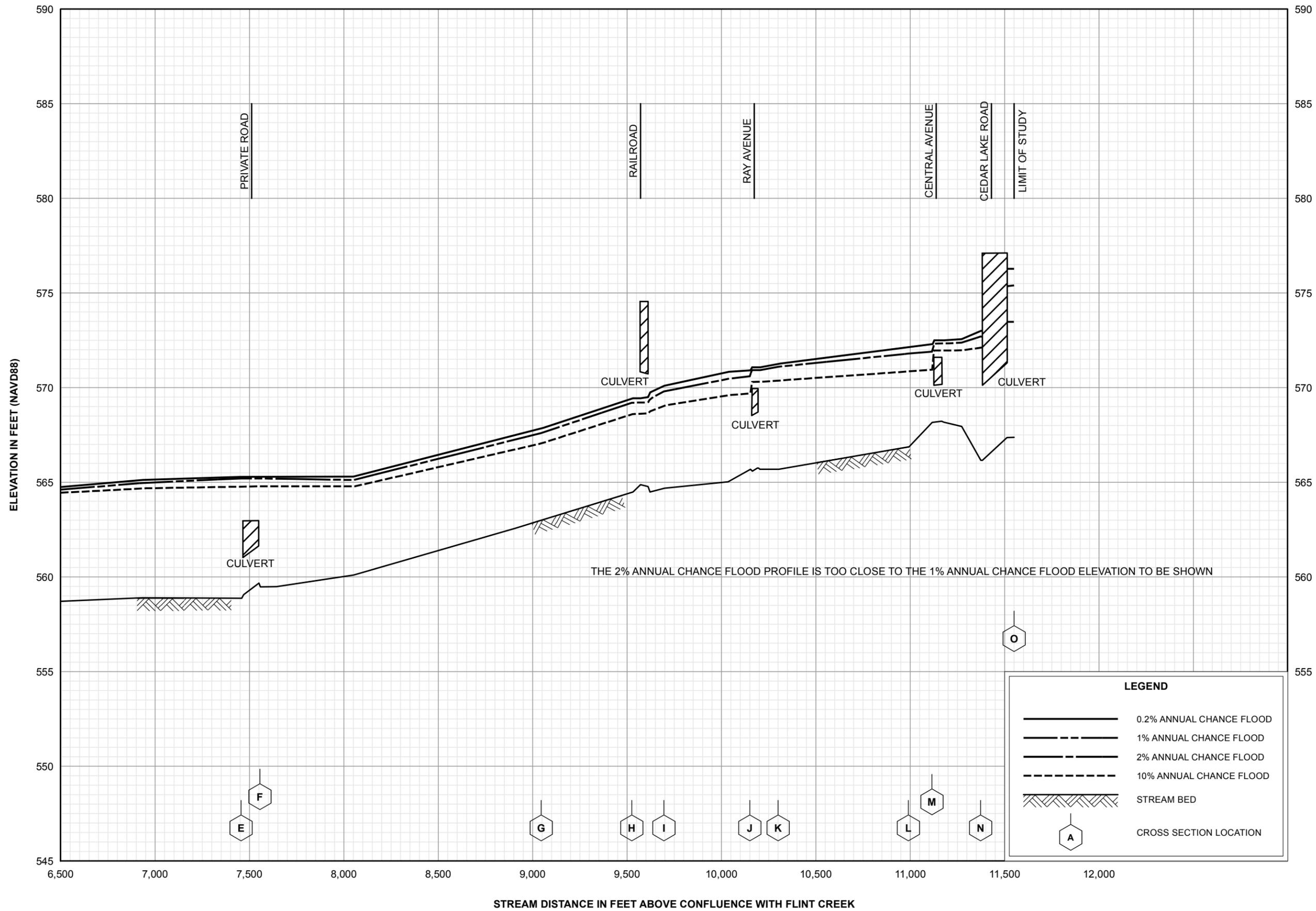
**FLOOD PROFILES
FLINT CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**MORGAN COUNTY
AND INCORPORATED AREAS**



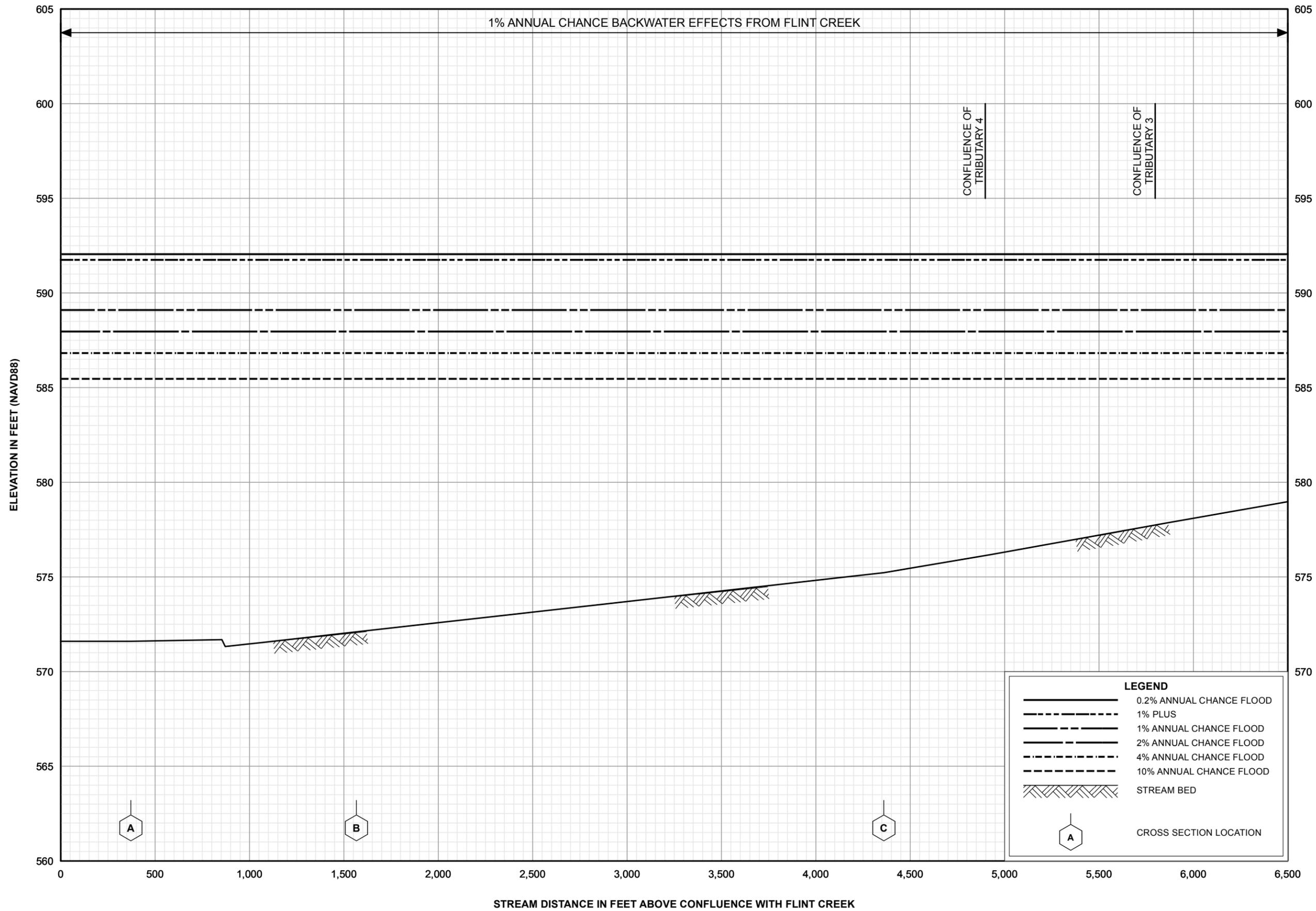
FLOOD PROFILES
NORTH DINSMORE

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



FLOOD PROFILES
NORTH DINSMORE

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



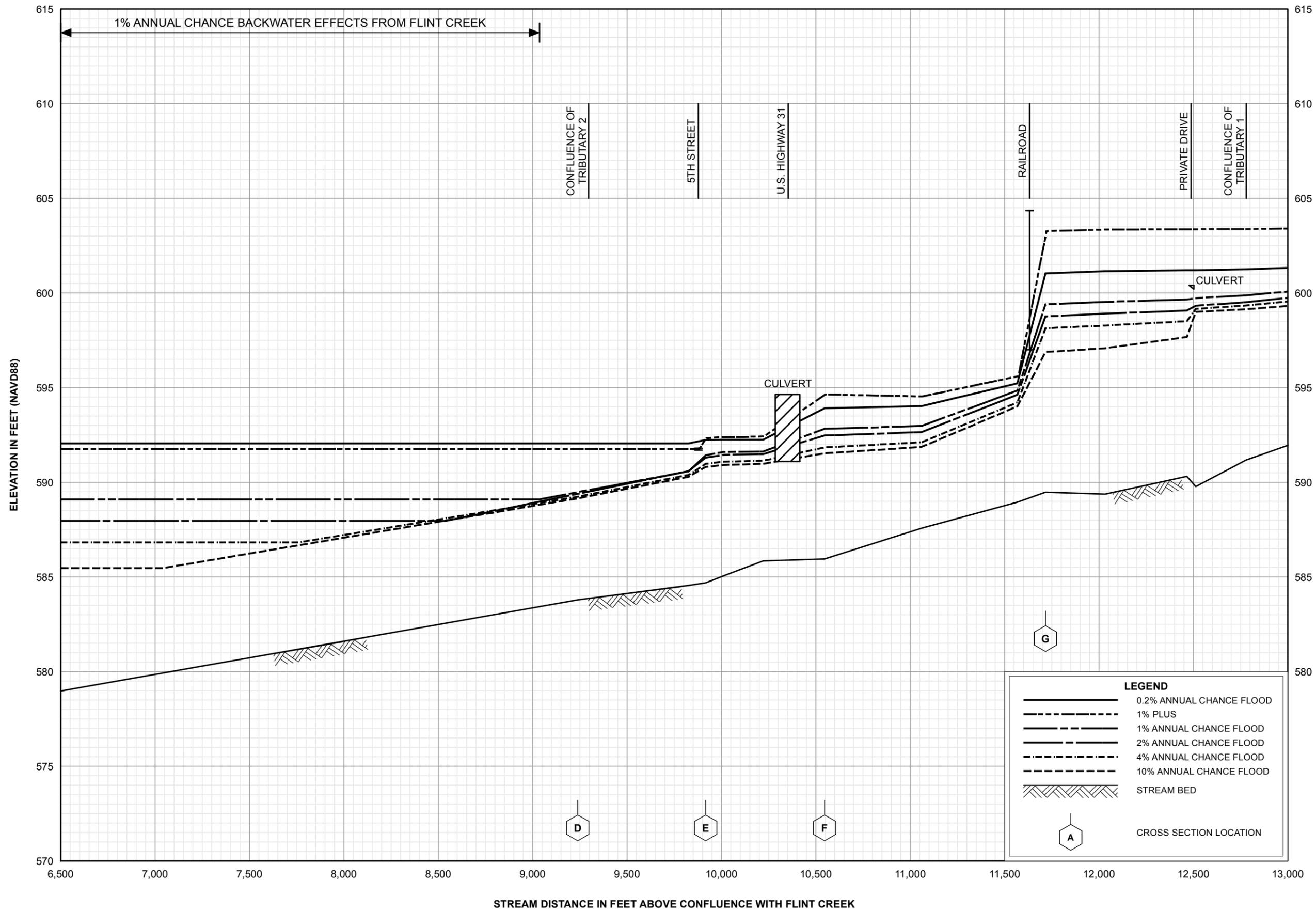
FLOOD PROFILES

PAINTER BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

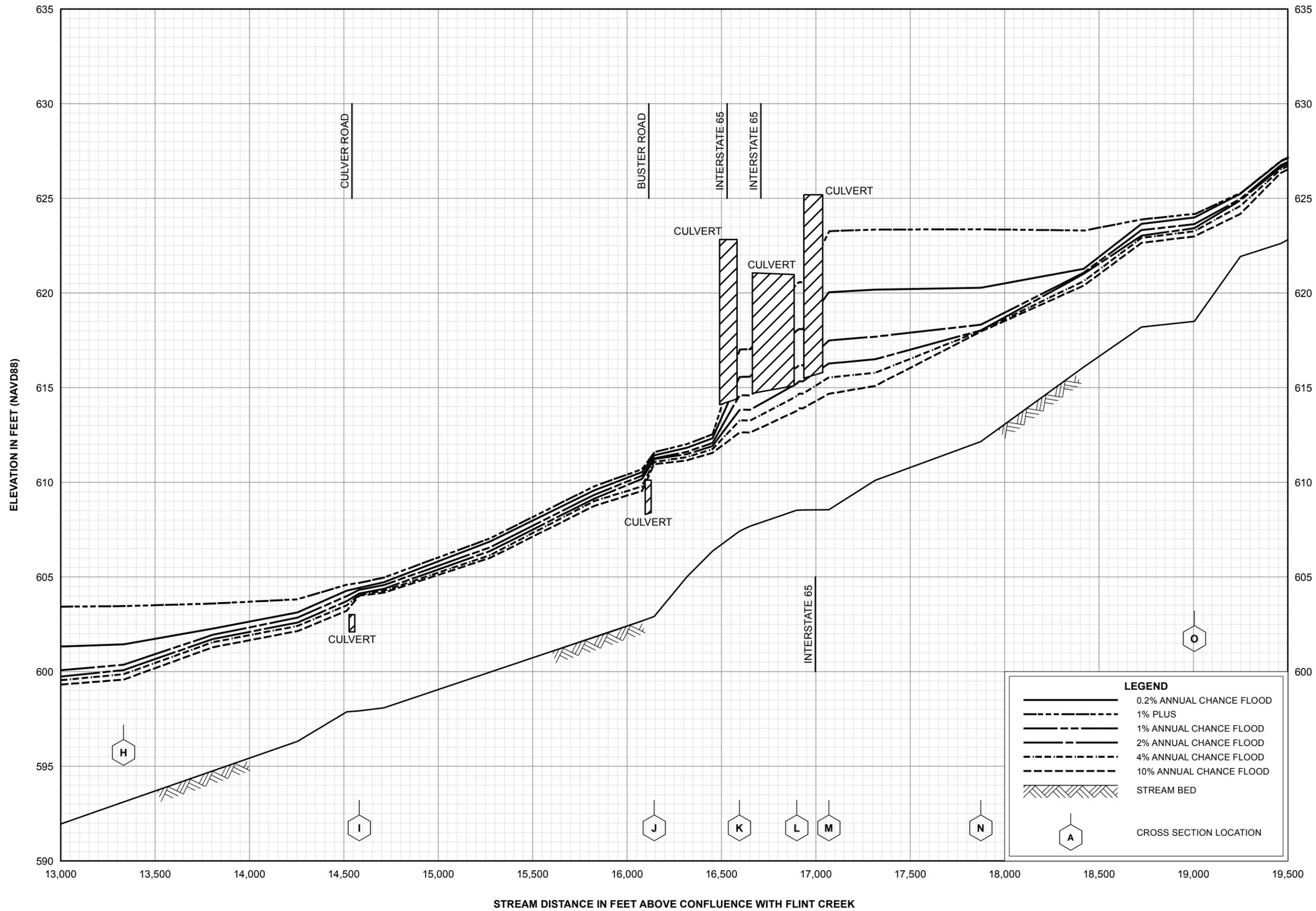
MORGAN COUNTY, AL

AND INCORPORATED AREAS



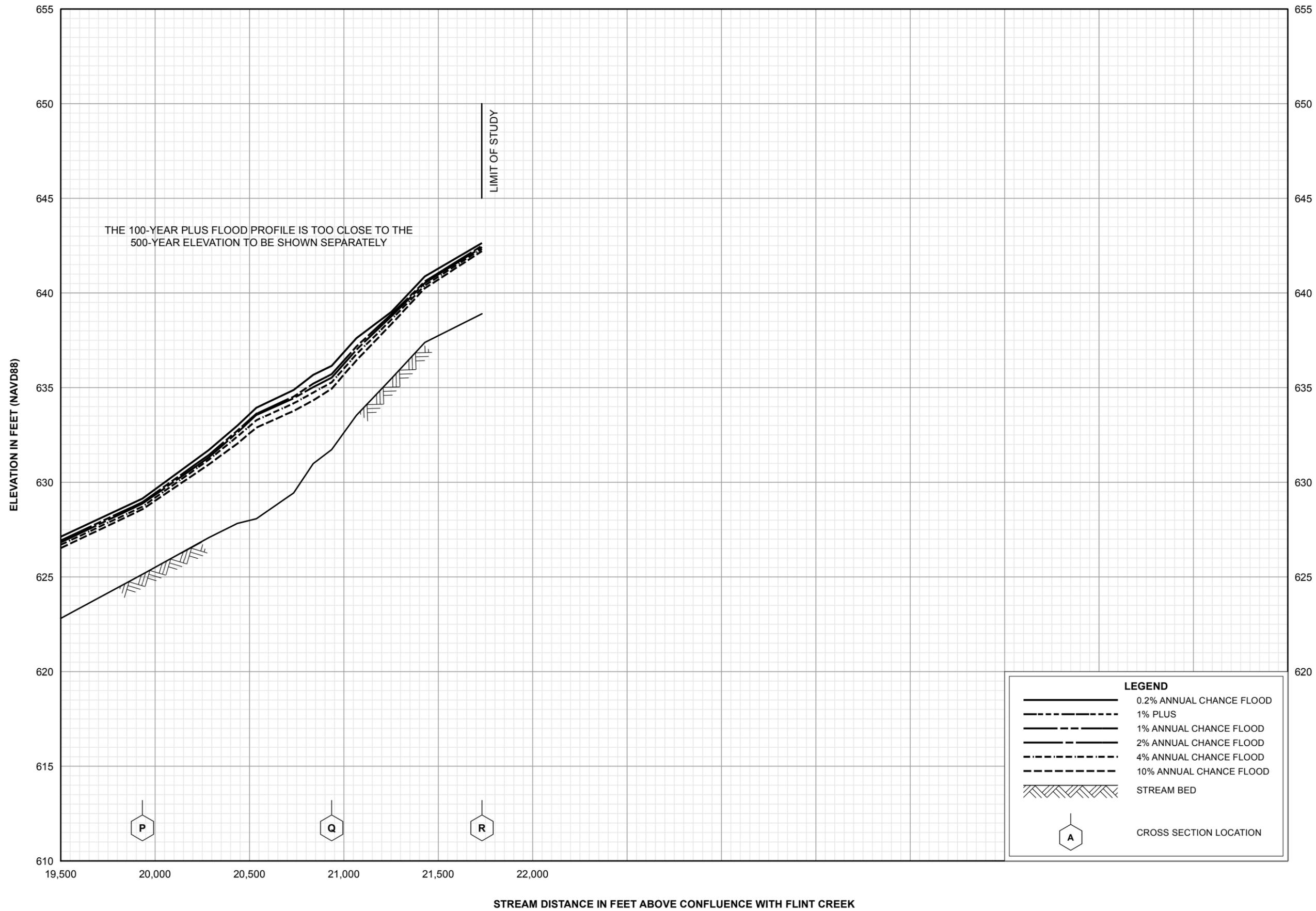
FLOOD PROFILES
PAINTER BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



**FLOOD PROFILES
PAINTER BRANCH**

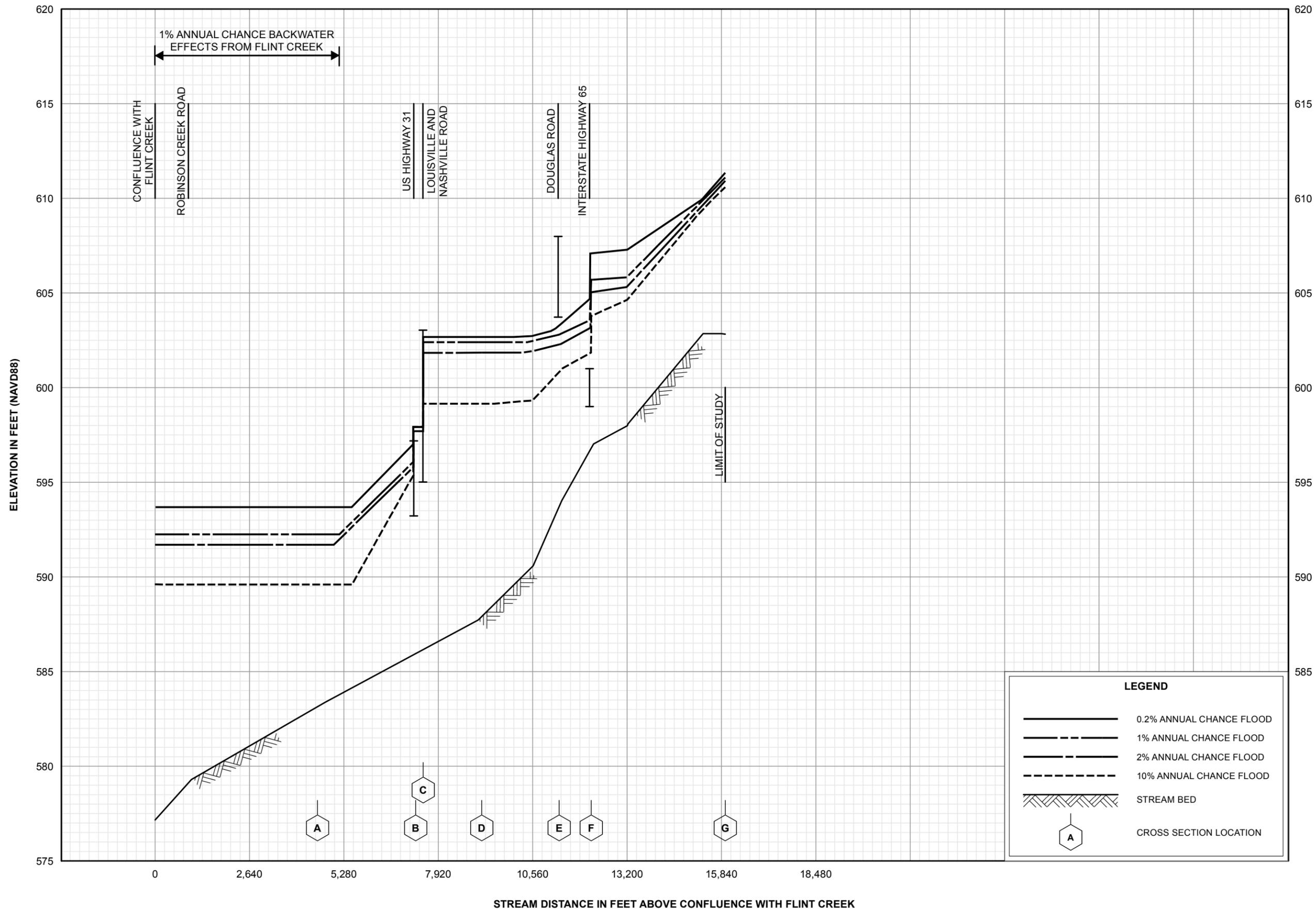
FEDERAL EMERGENCY MANAGEMENT AGENCY
**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



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	1% PLUS
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	4% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

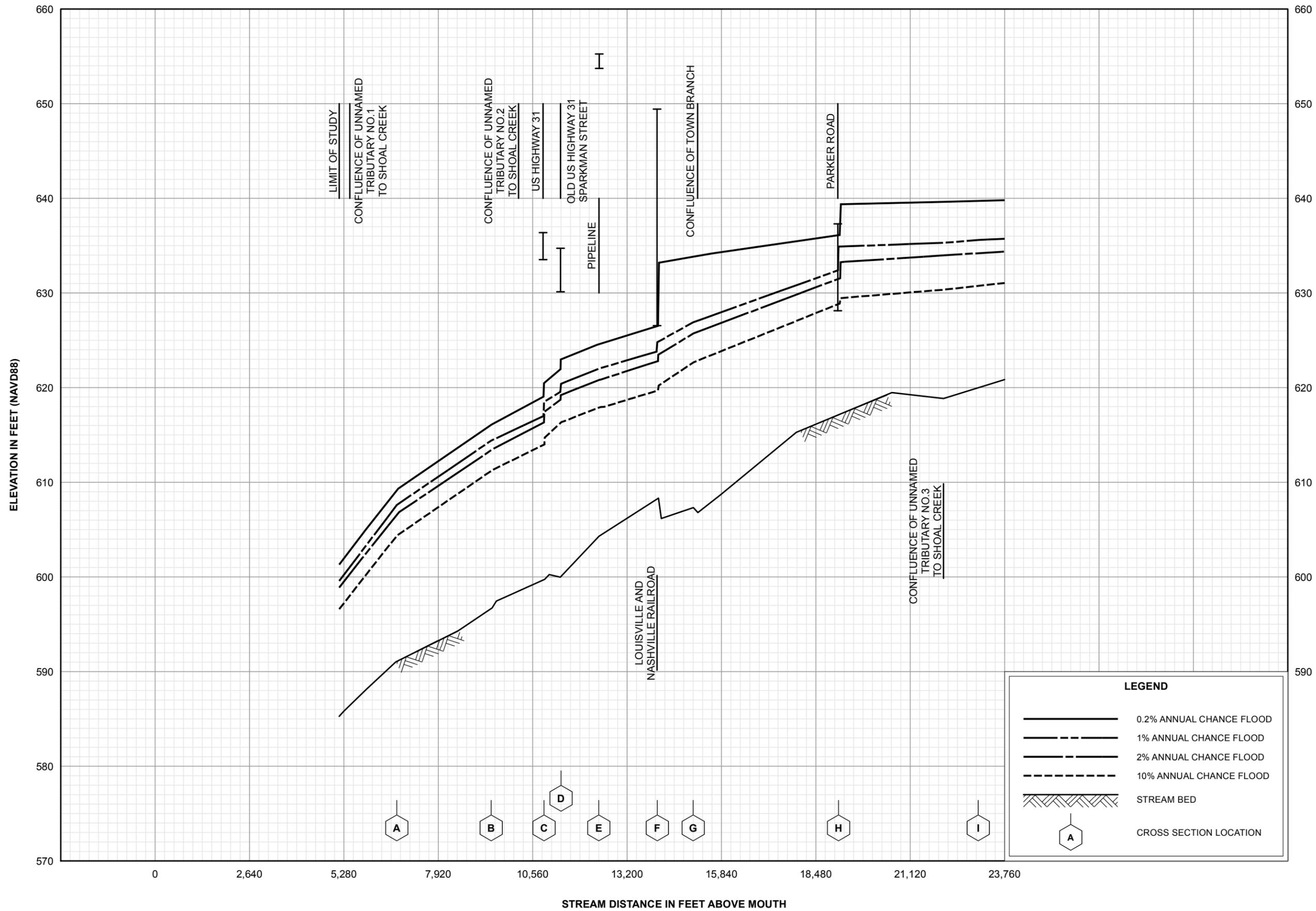
FLOOD PROFILES
PAINTER BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



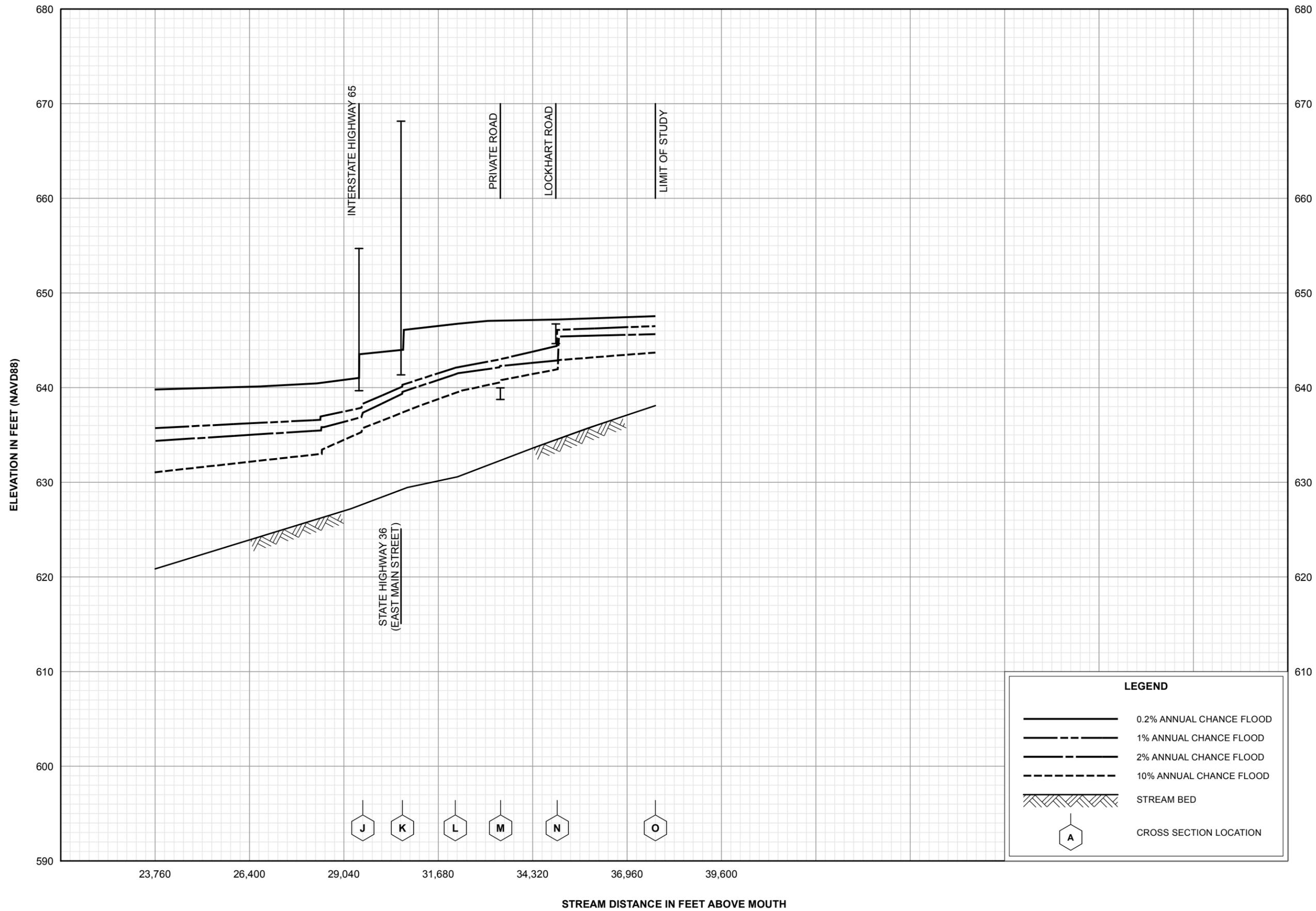
LEGEND

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- · · 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION



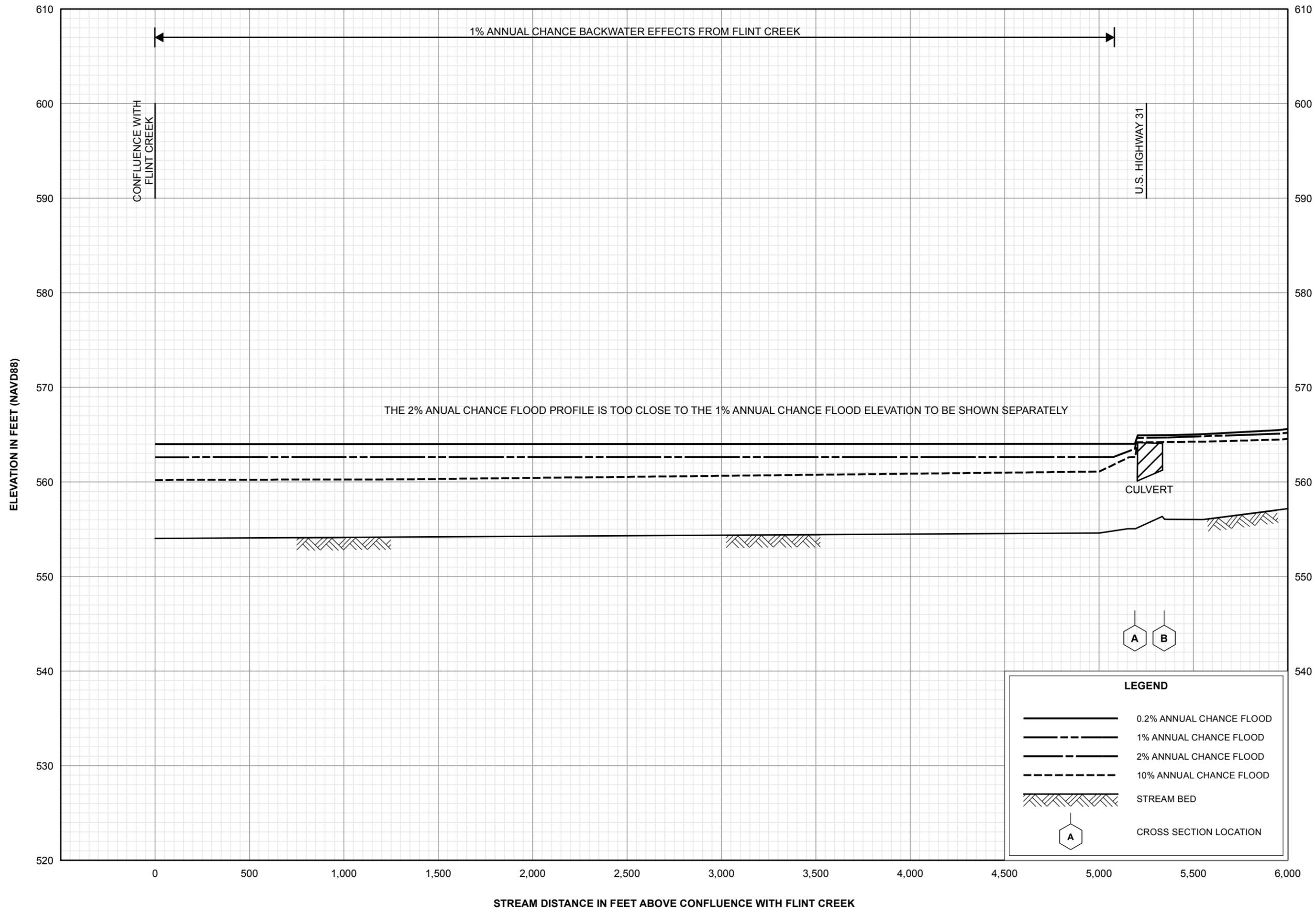
FLOOD PROFILES
SHOAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



FLOOD PROFILES
SHOAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

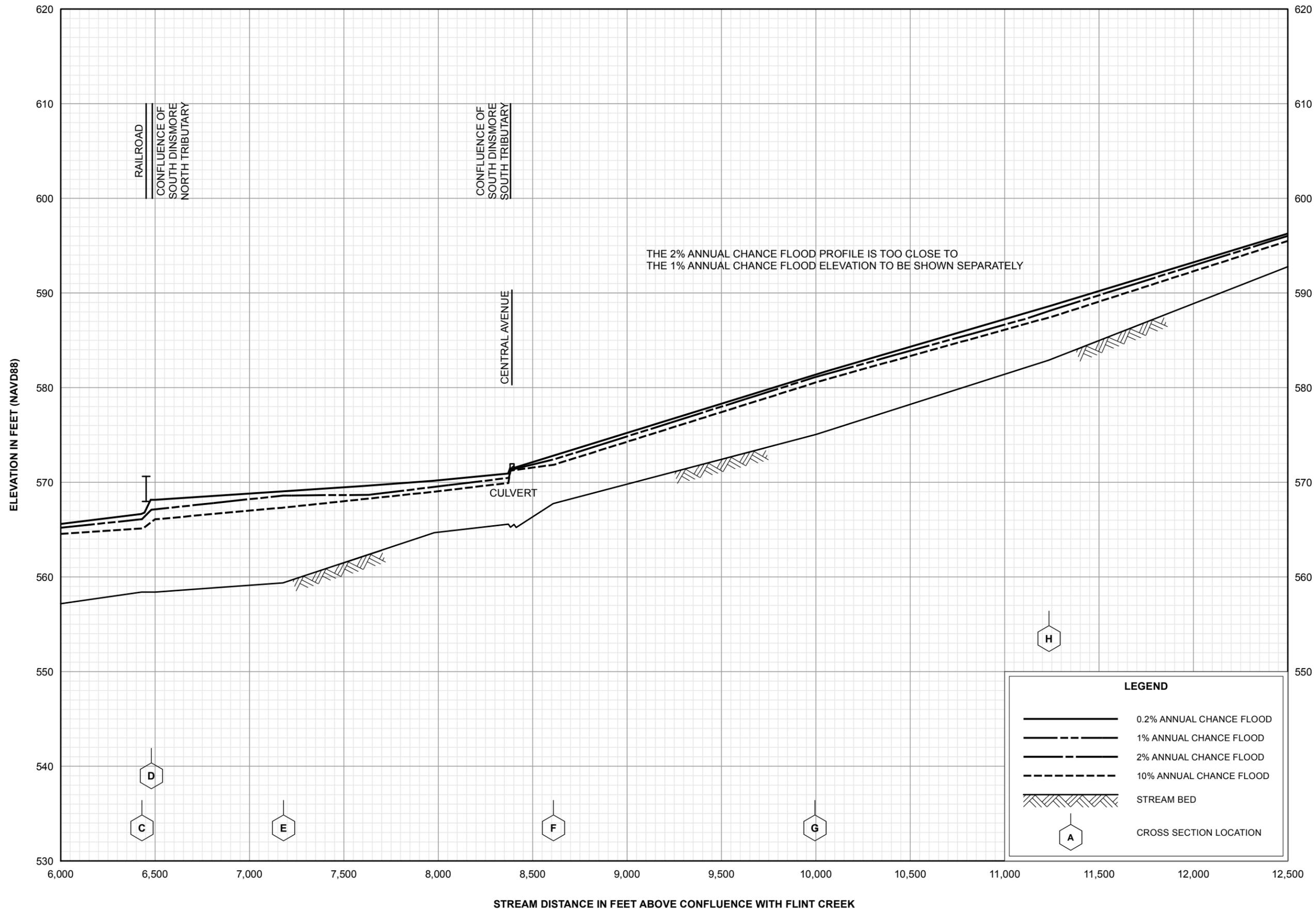


FLOOD PROFILES

SOUTH DINSMORE MIDDLE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

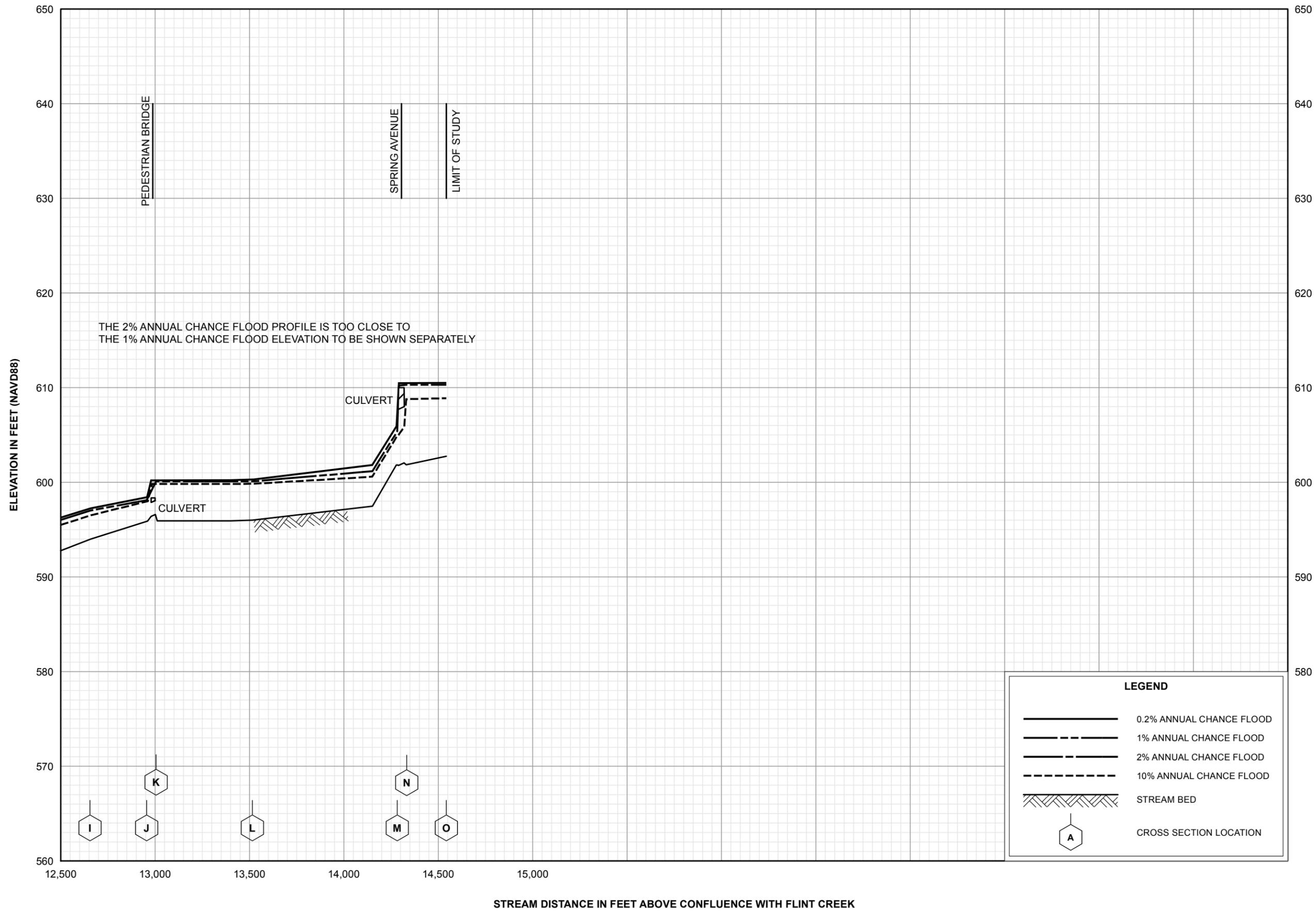
**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



FLOOD PROFILES
SOUTH DINSMORE MIDDLE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
 AND INCORPORATED AREAS

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

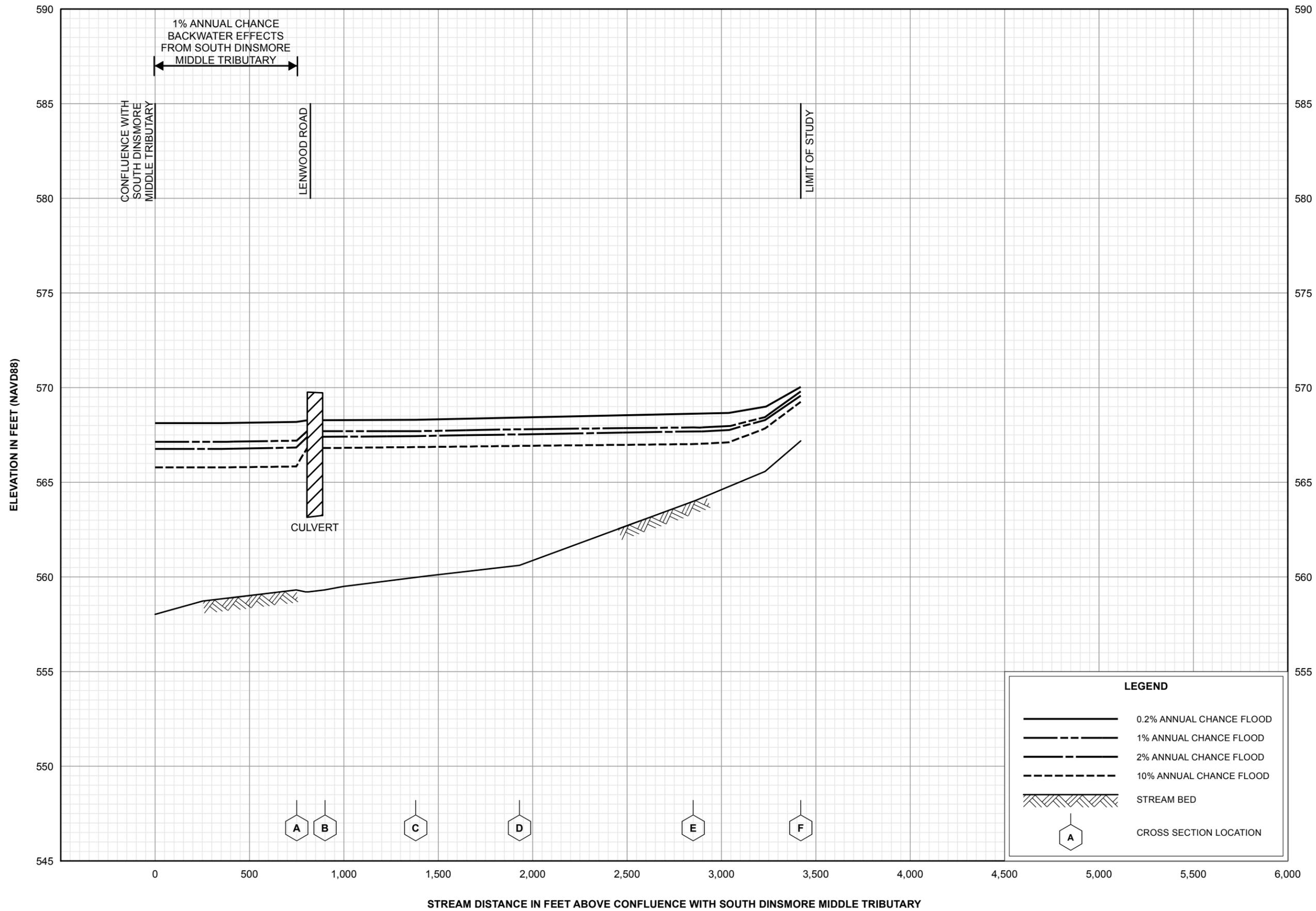


FLOOD PROFILES

SOUTH DINSMORE MIDDLE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

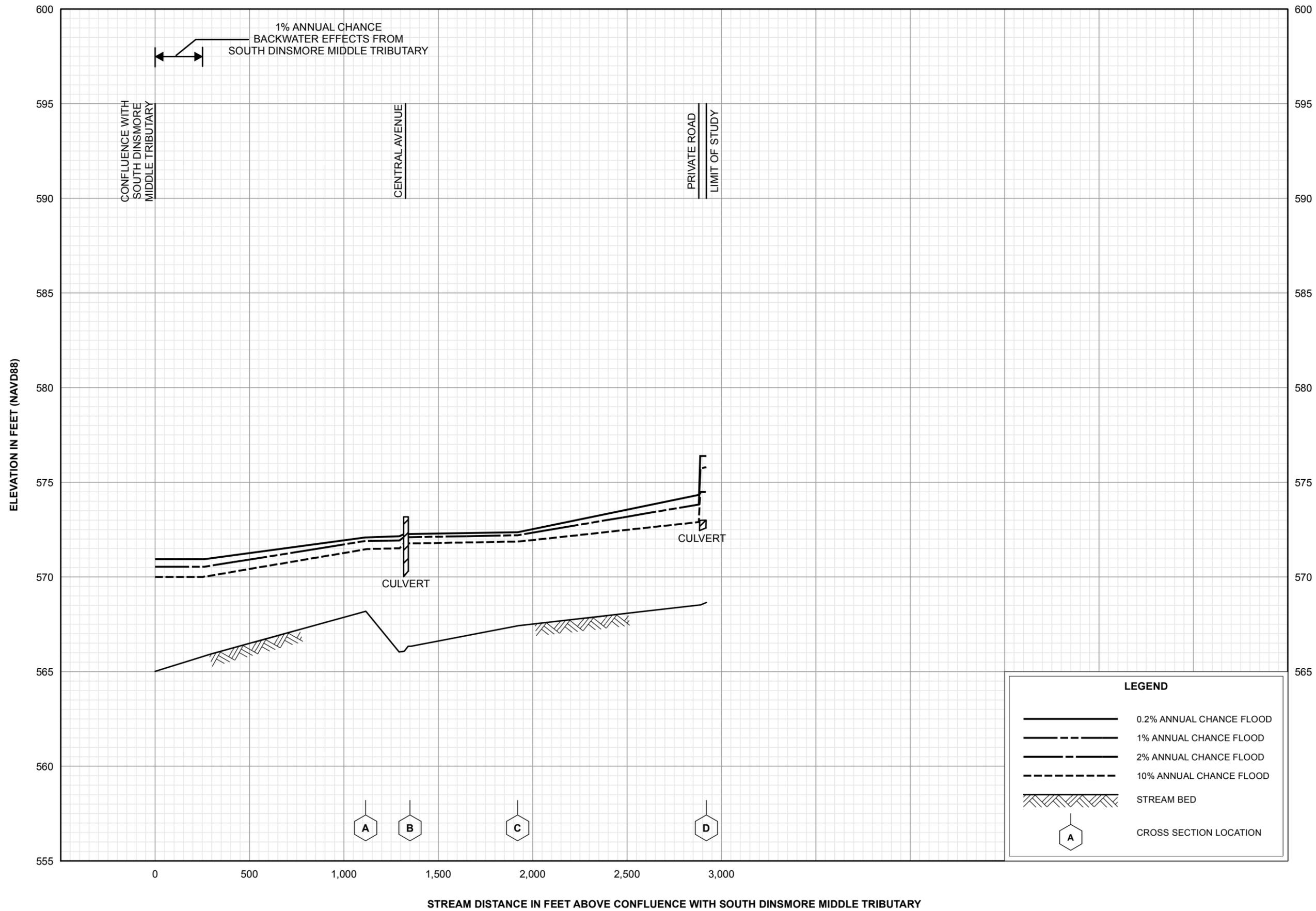


FLOOD PROFILES

SOUTH DINSMORE NORTH TRIBUTARY

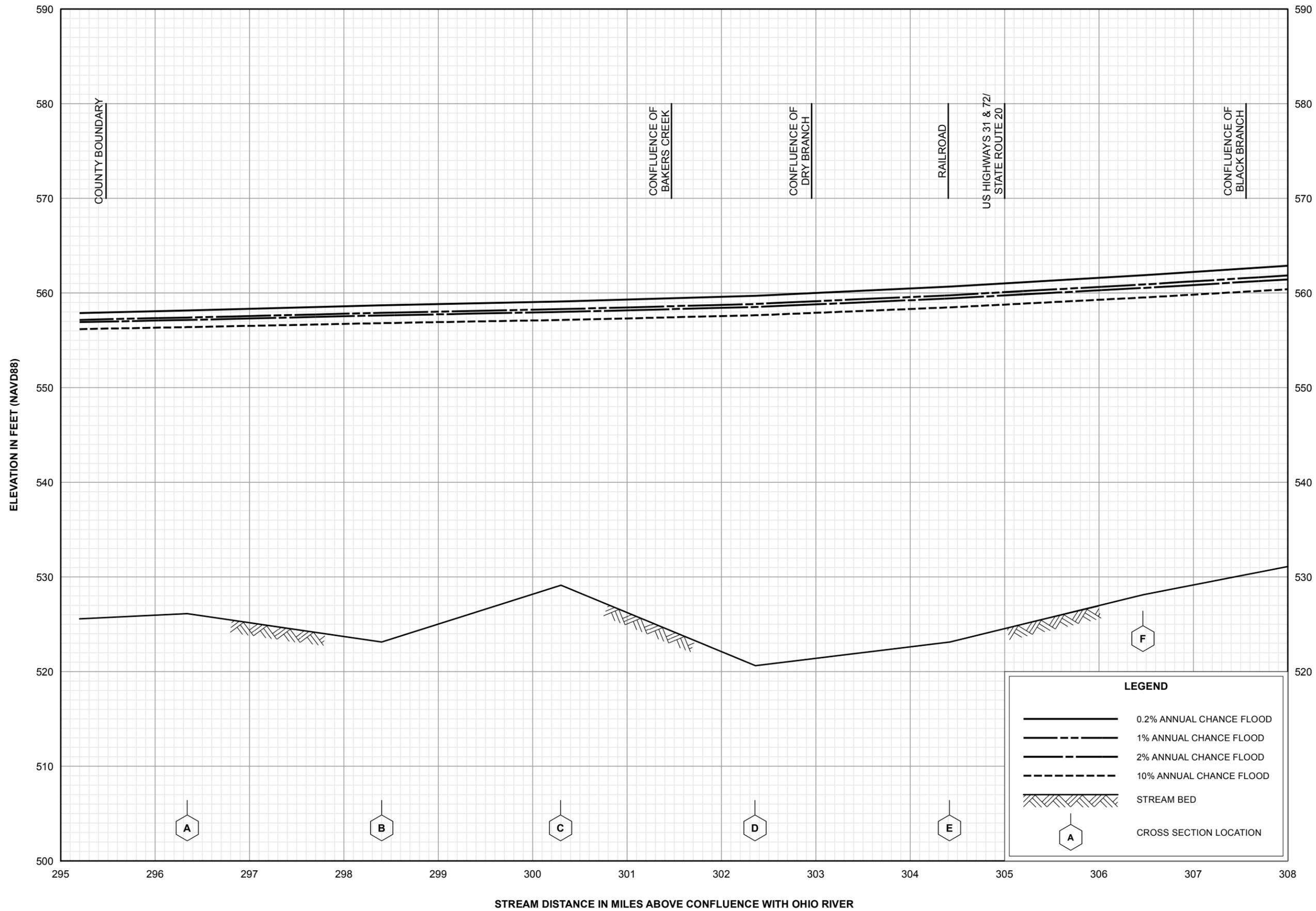
FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



LEGEND

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	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

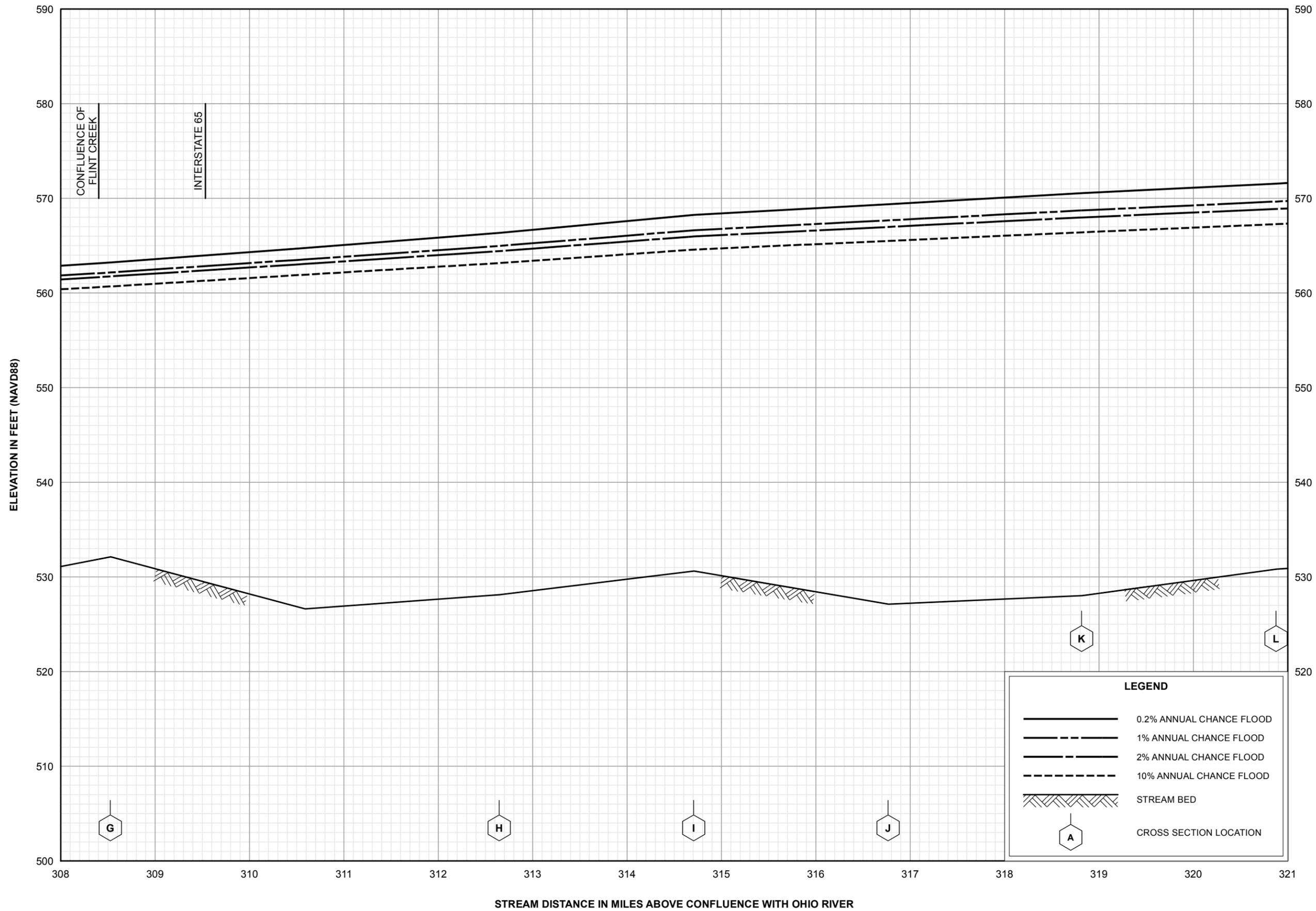


LEGEND

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

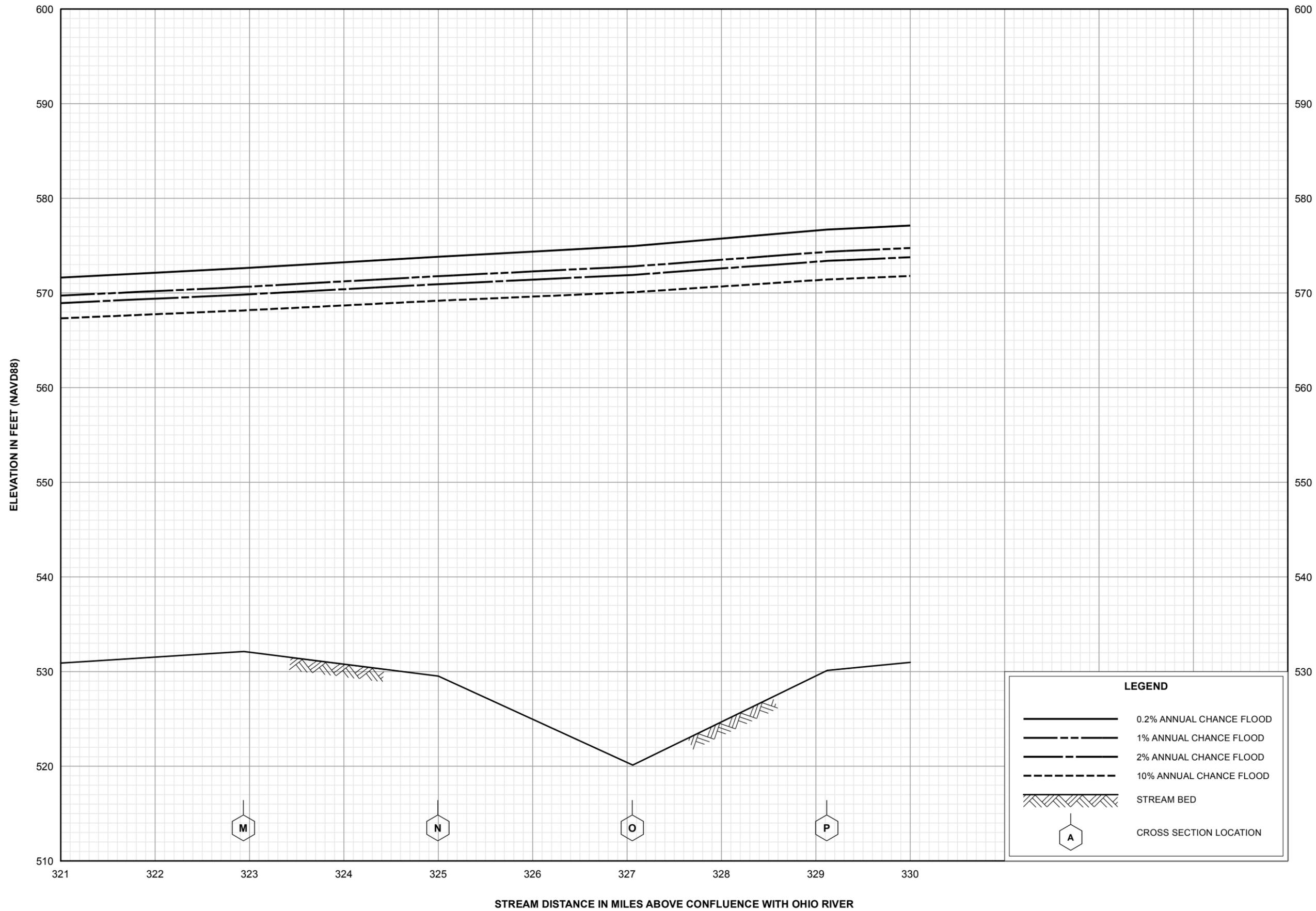
FLOOD PROFILES
TENNESSEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, ALABAMA
AND INCORPORATED AREAS



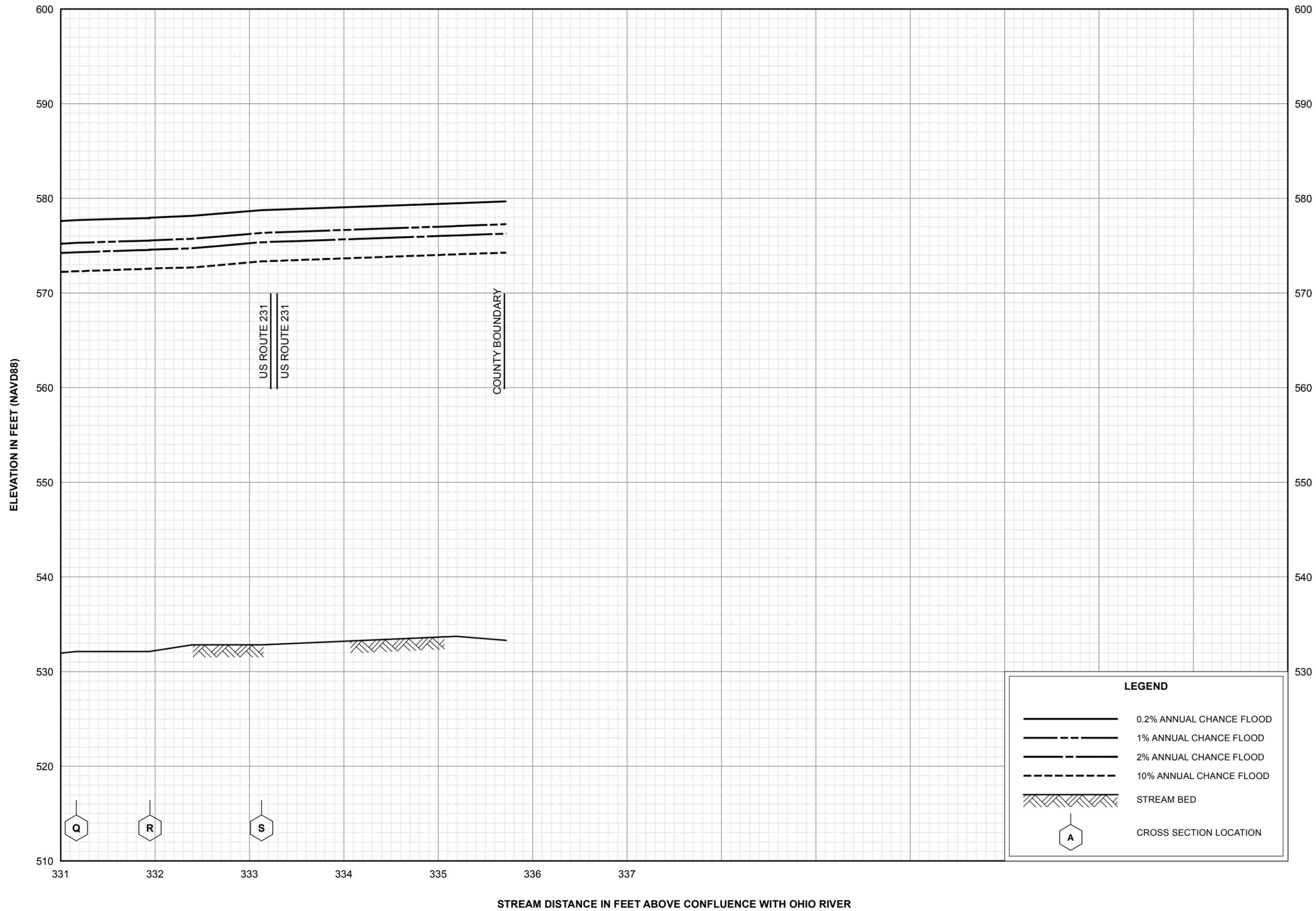
FLOOD PROFILES
TENNESSEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, ALABAMA
AND INCORPORATED AREAS



FLOOD PROFILES
TENNESSEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, ALABAMA
AND INCORPORATED AREAS

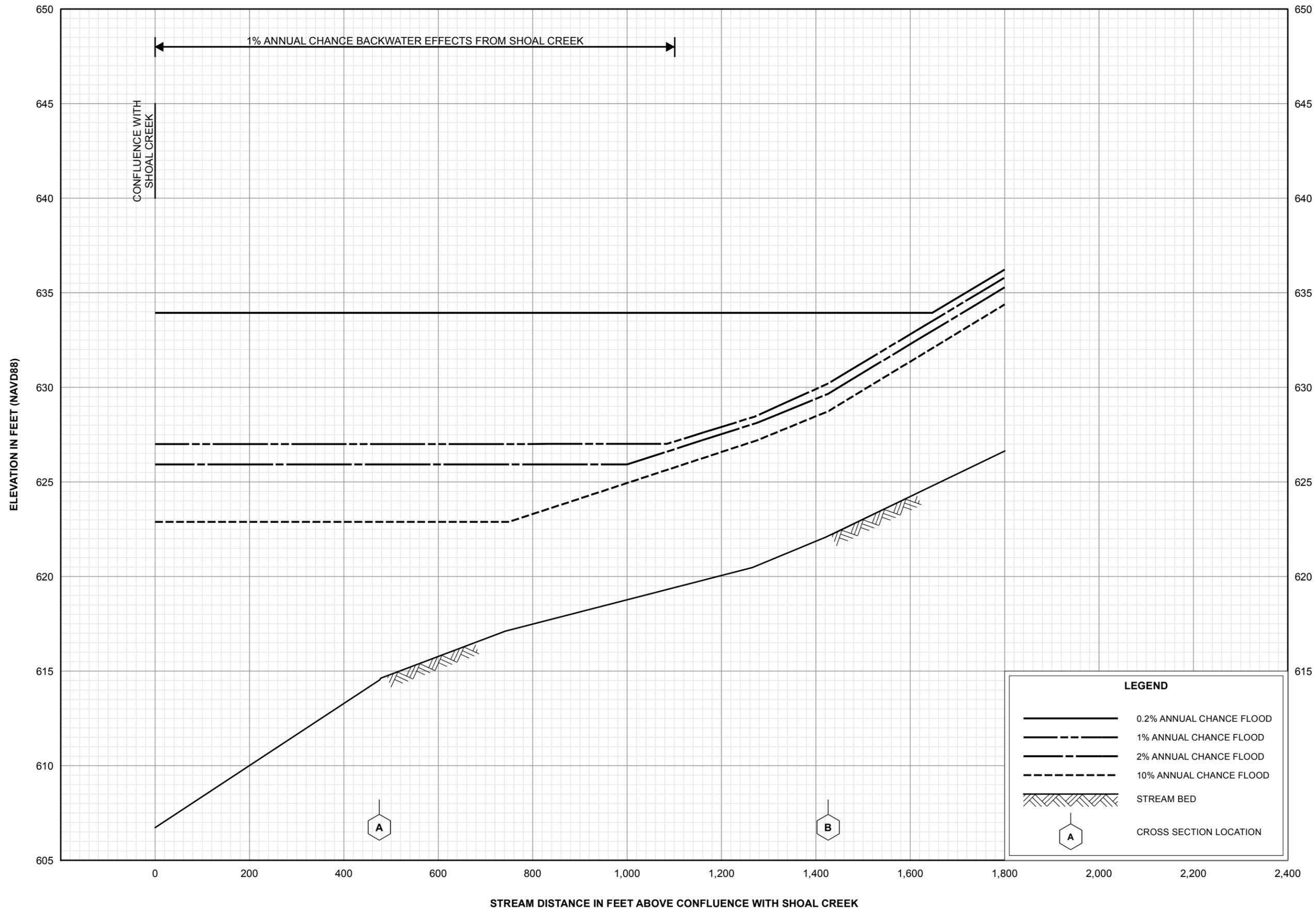


FLOOD PROFILES

TENNESSEE RIVER

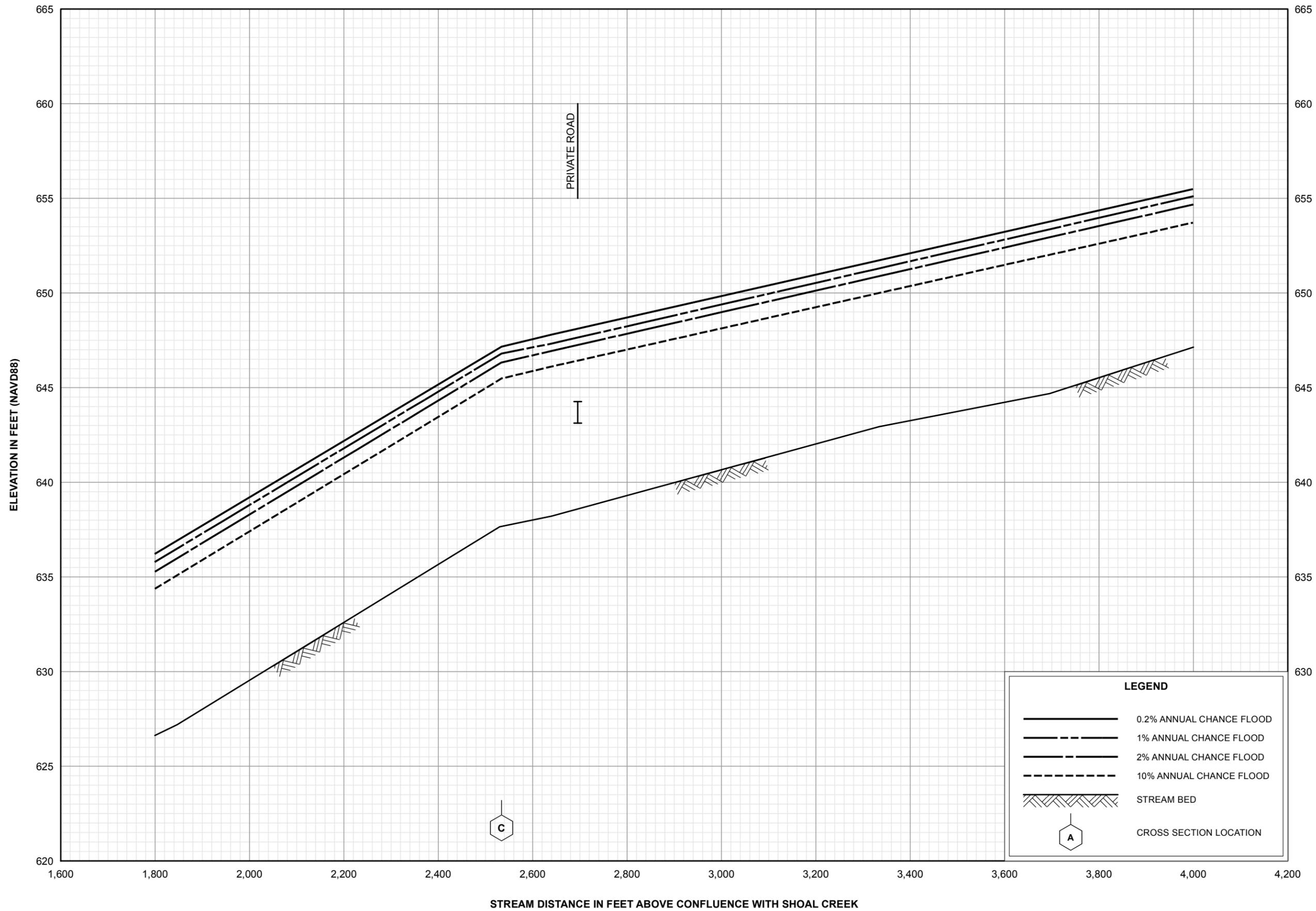
FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, ALABAMA
AND INCORPORATED AREAS**



FLOOD PROFILES
TOWN BRANCH

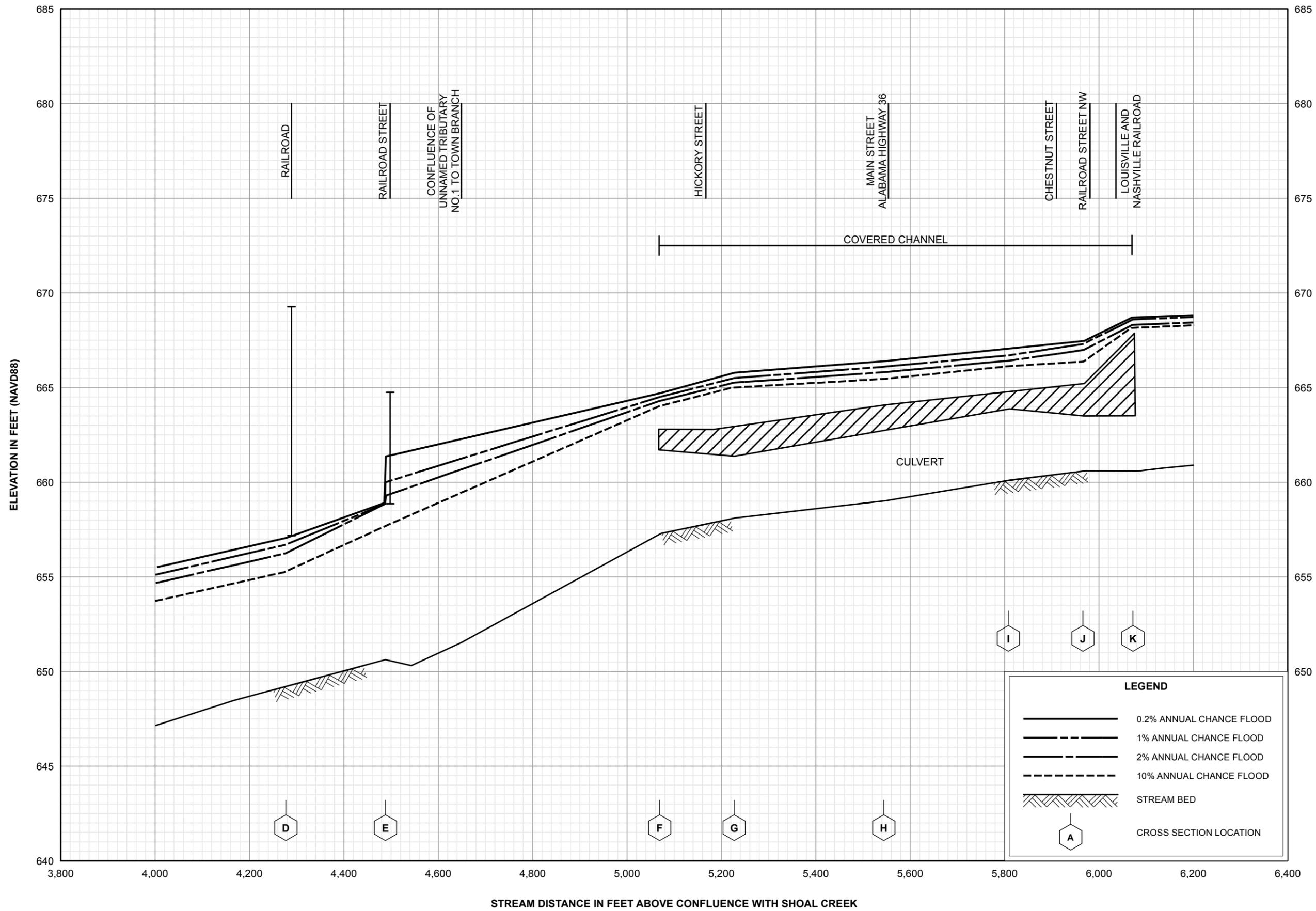
FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



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

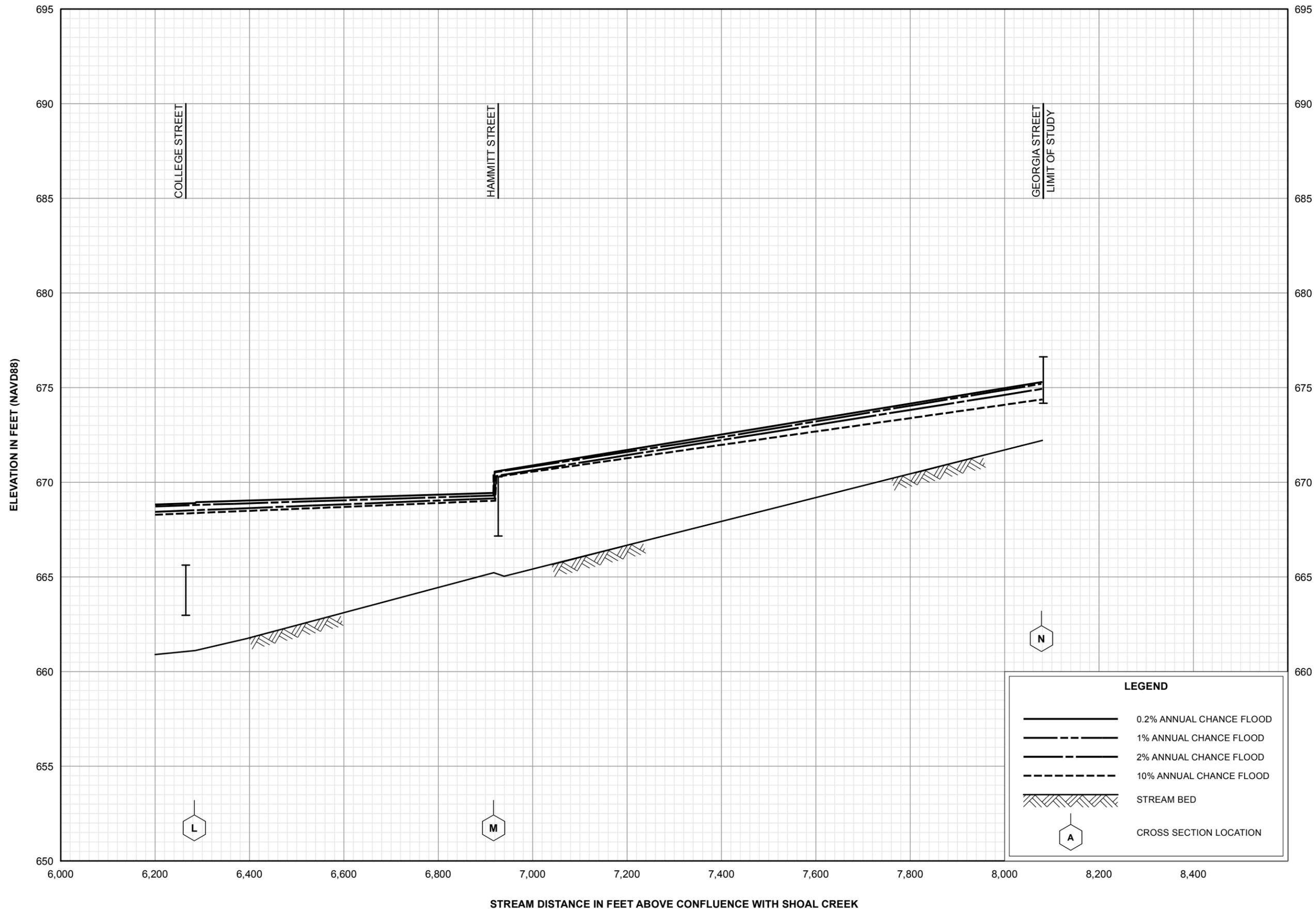
FLOOD PROFILES
TOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



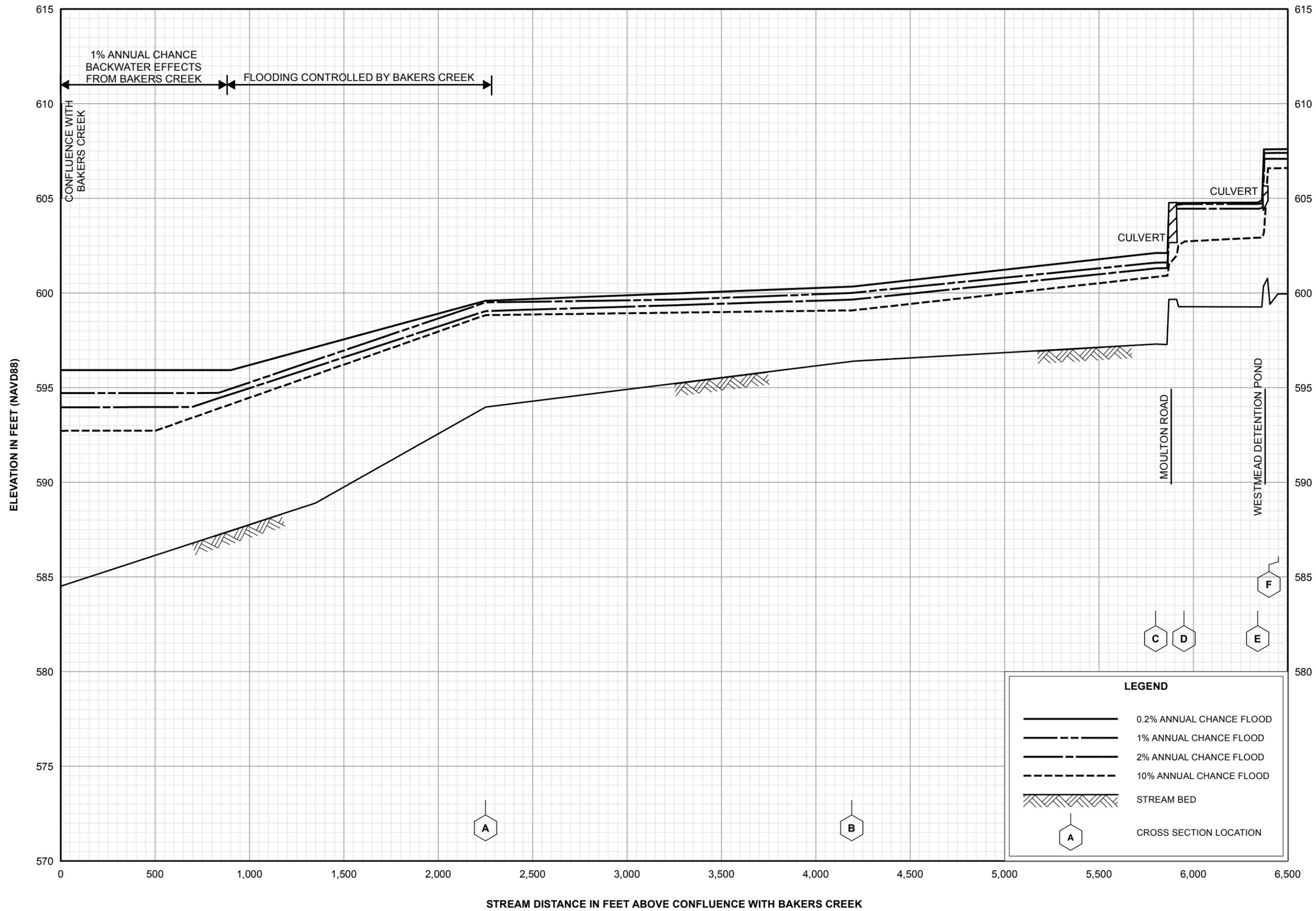
FLOOD PROFILES
TOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



FLOOD PROFILES
TOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

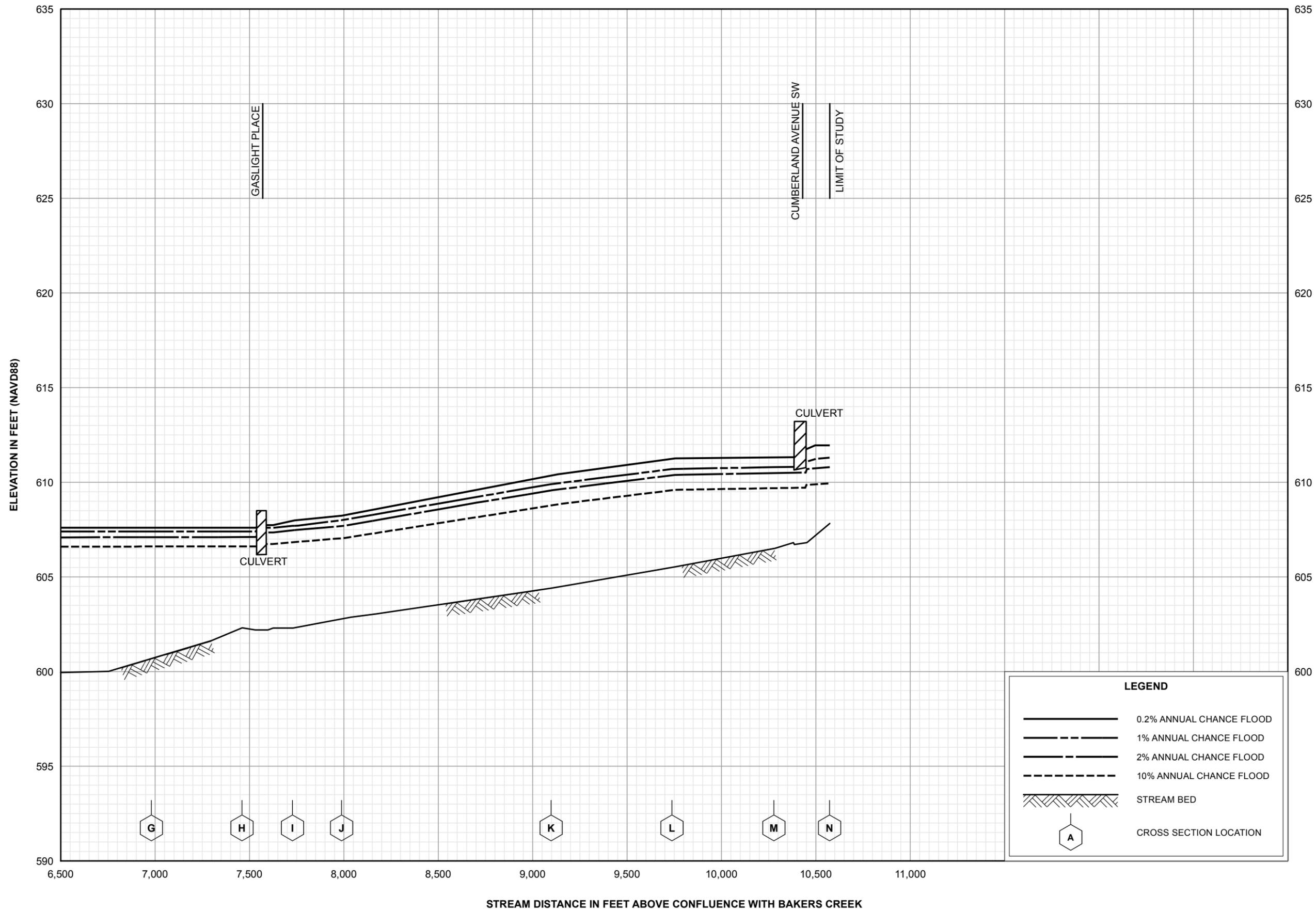


FLOOD PROFILES

TRIBUTARY TO BAKERS CREEK

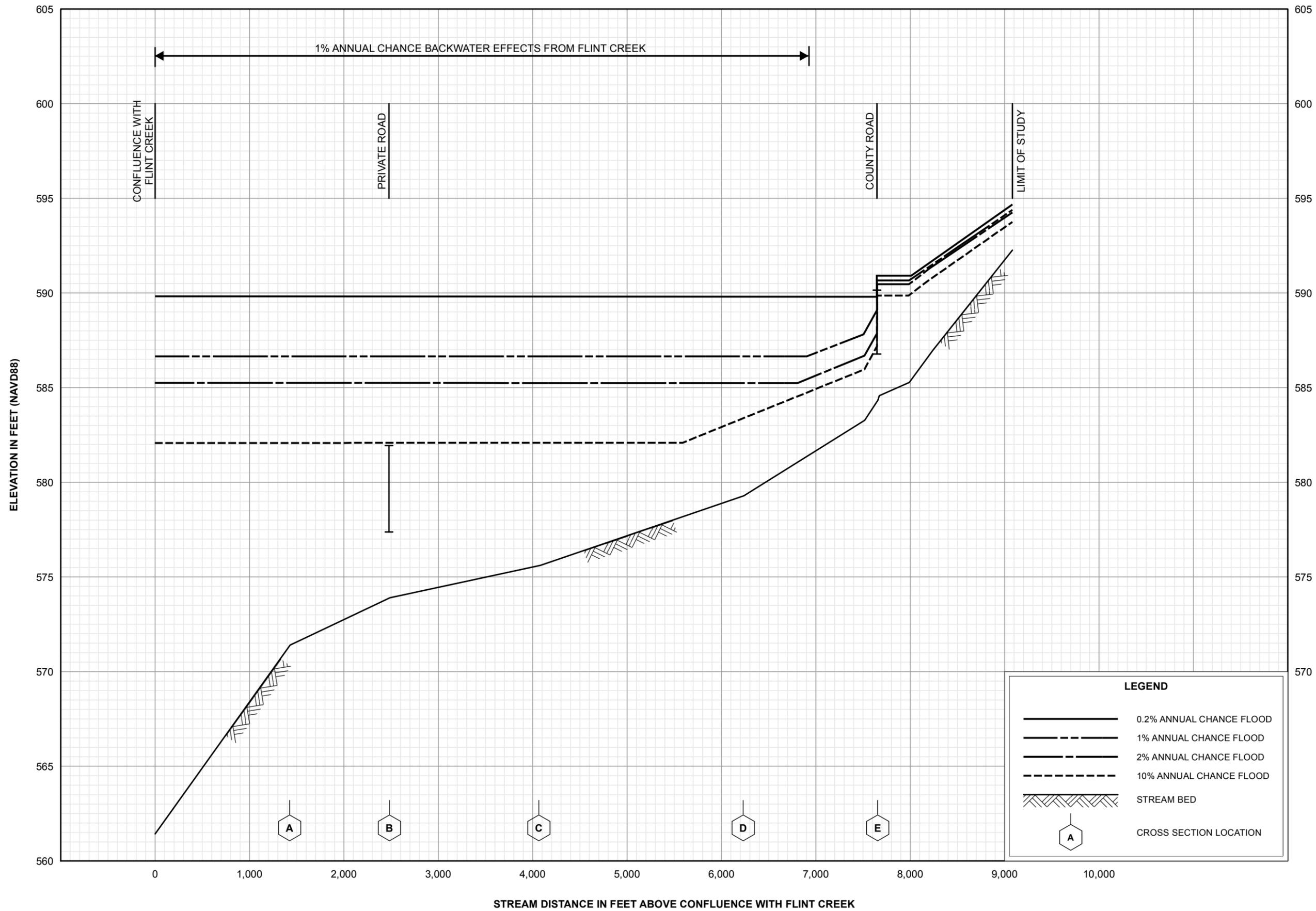
FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



FLOOD PROFILES
TRIBUTARY TO BAKERS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
 AND INCORPORATED AREAS

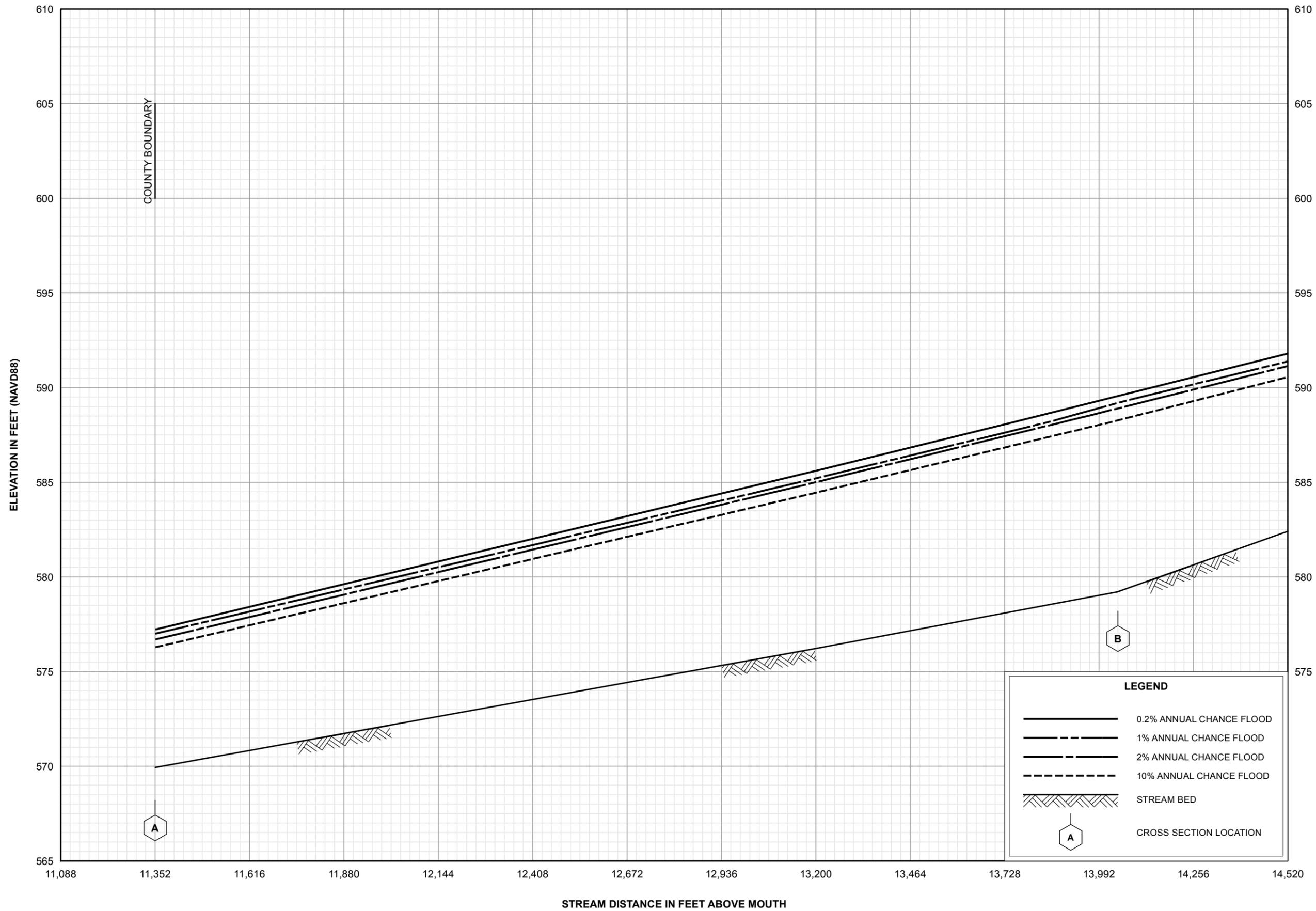


LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION

**FLOOD PROFILES
TRIBUTARY TO FLINT CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



COUNTY BOUNDARY

LEGEND

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

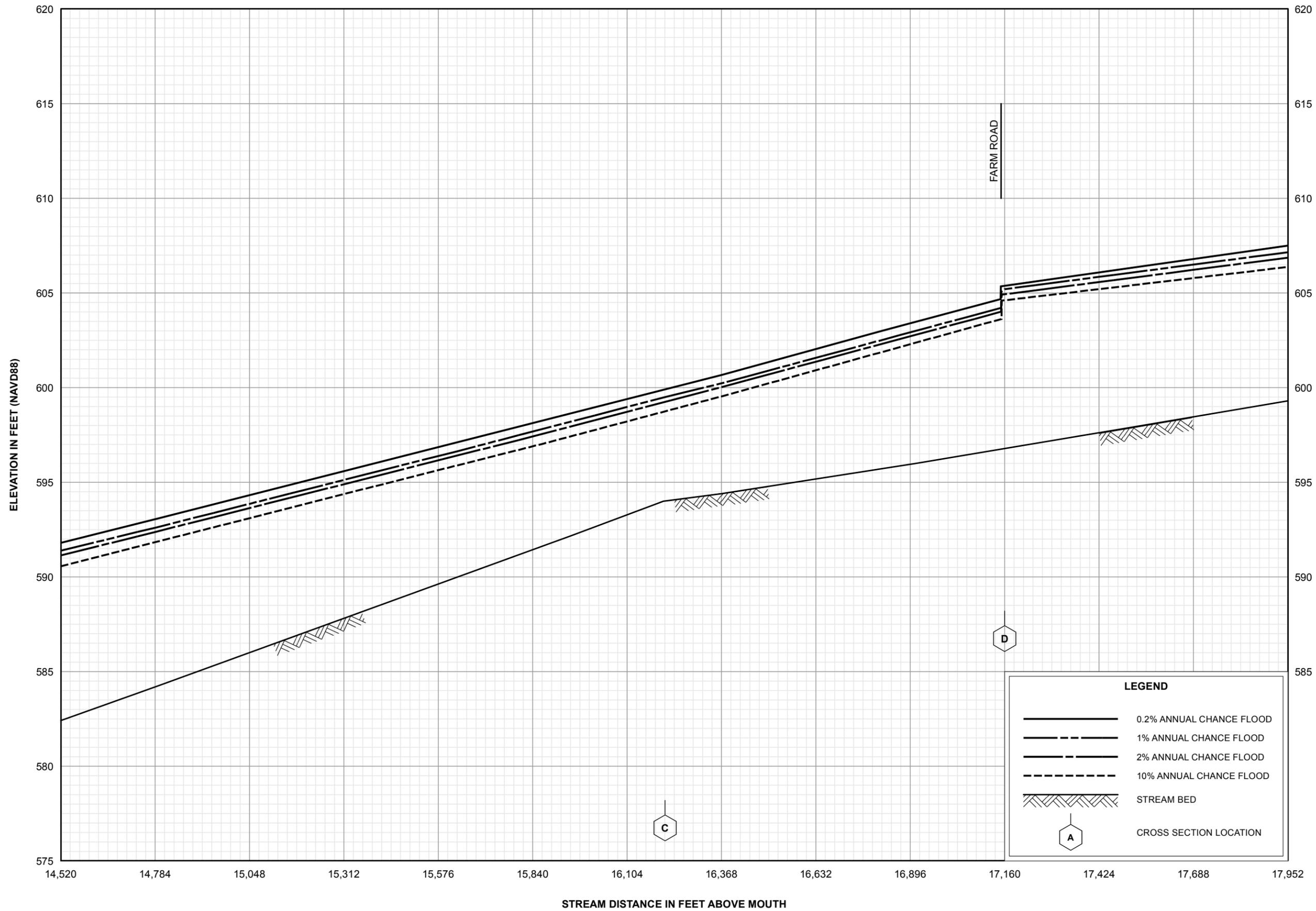
FLOOD PROFILES

TRINITY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

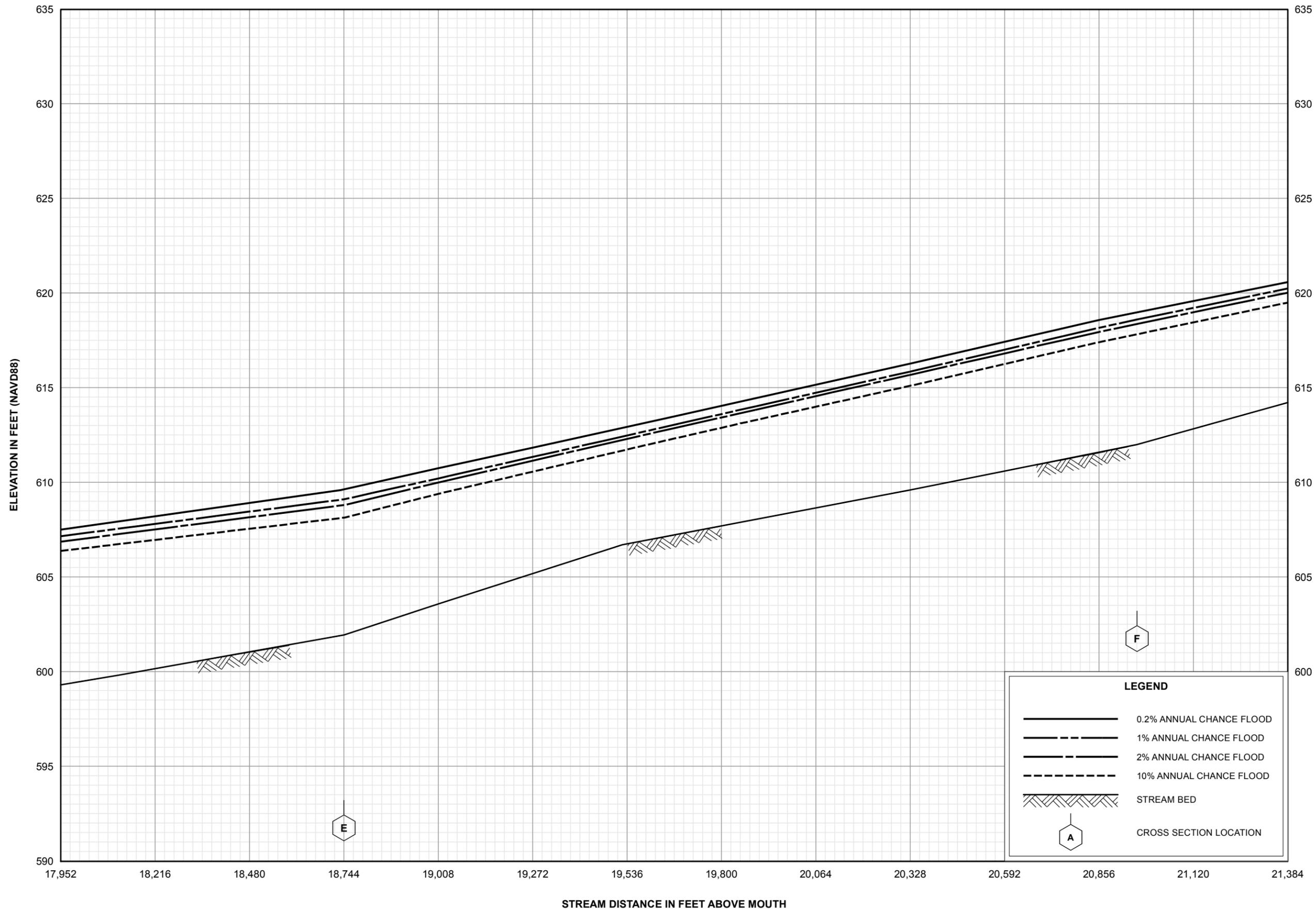
MORGAN COUNTY, AL
AND INCORPORATED AREAS

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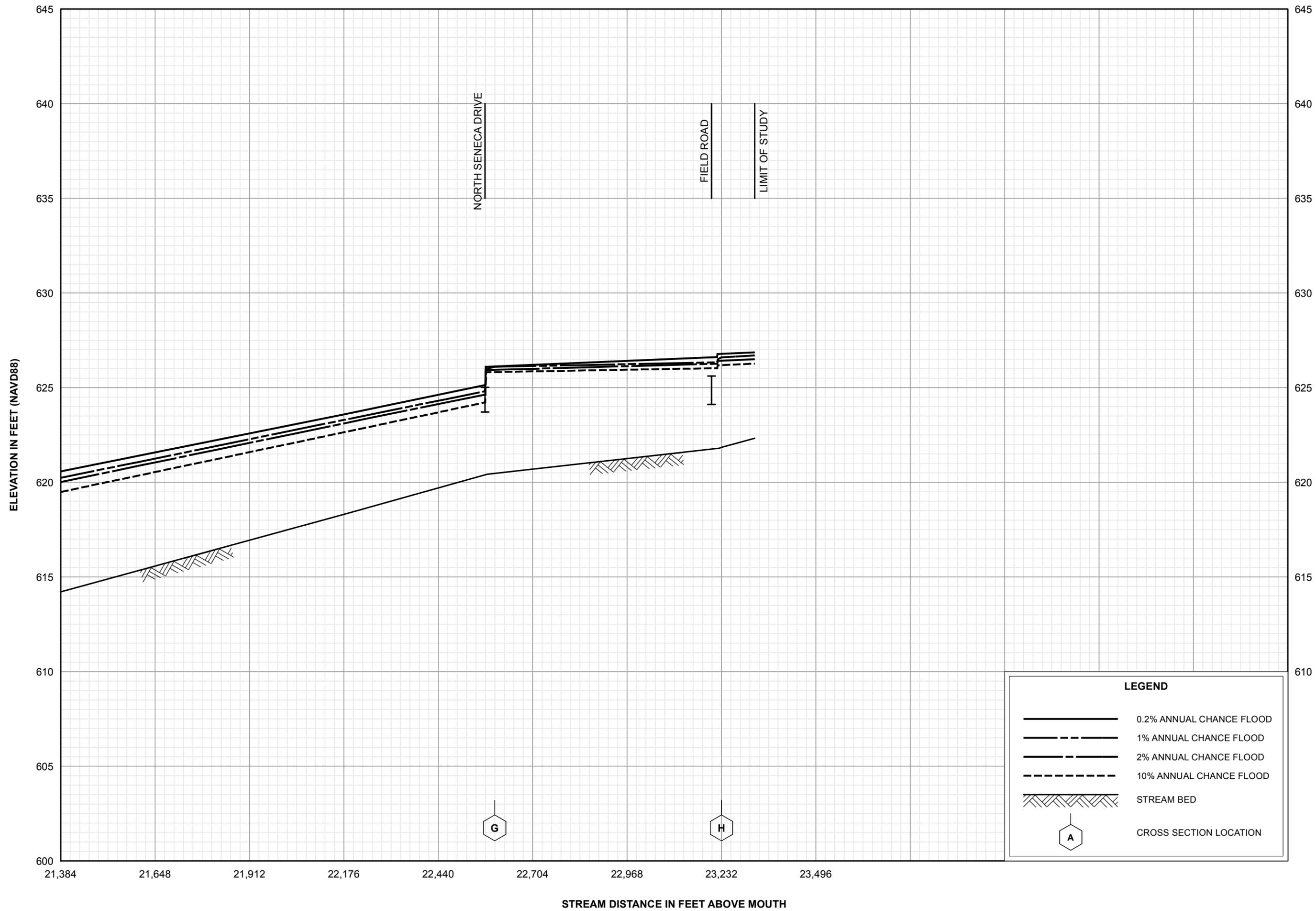
FLOOD PROFILES
TRINITY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



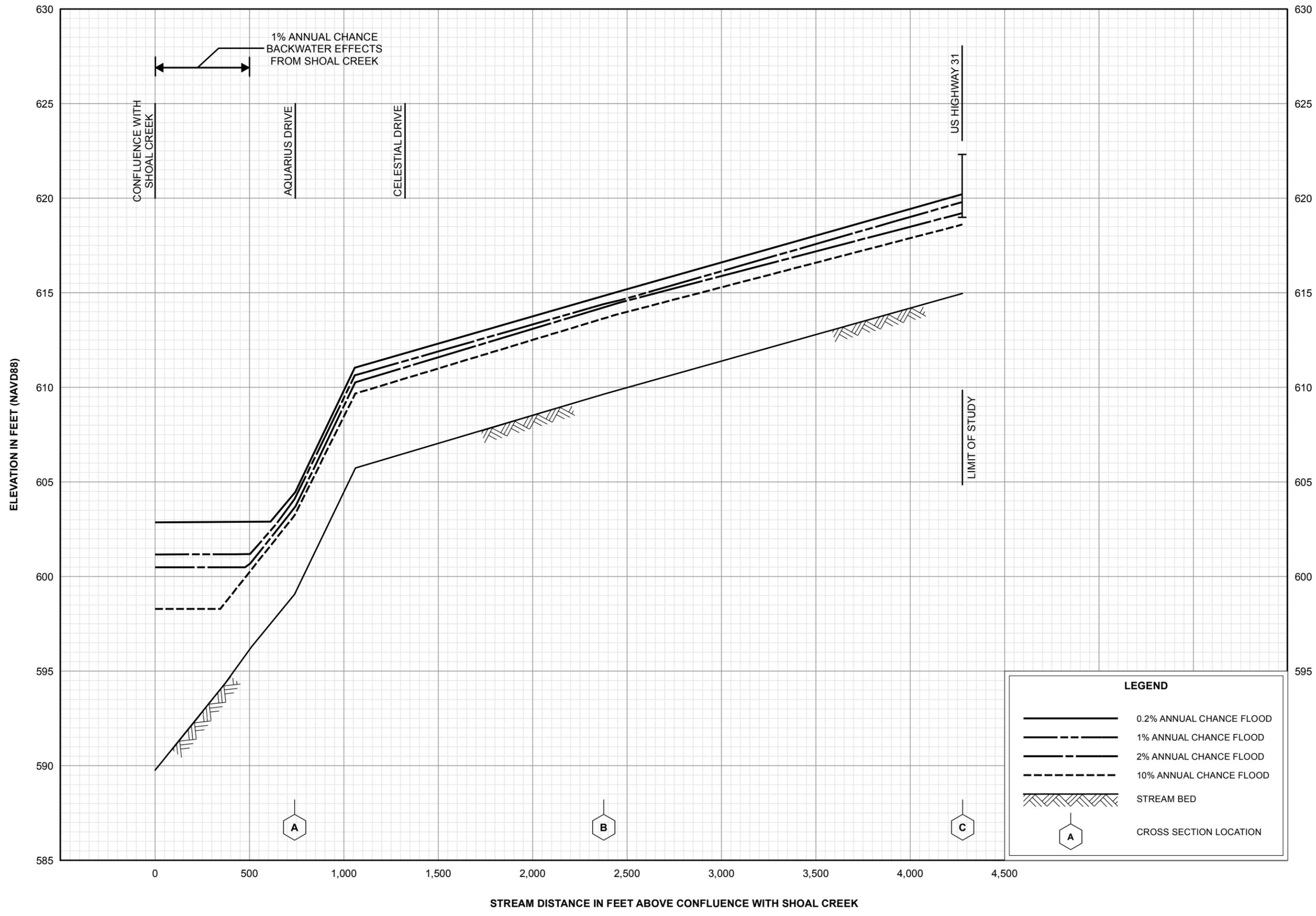
FLOOD PROFILES
TRINITY BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



LEGEND

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

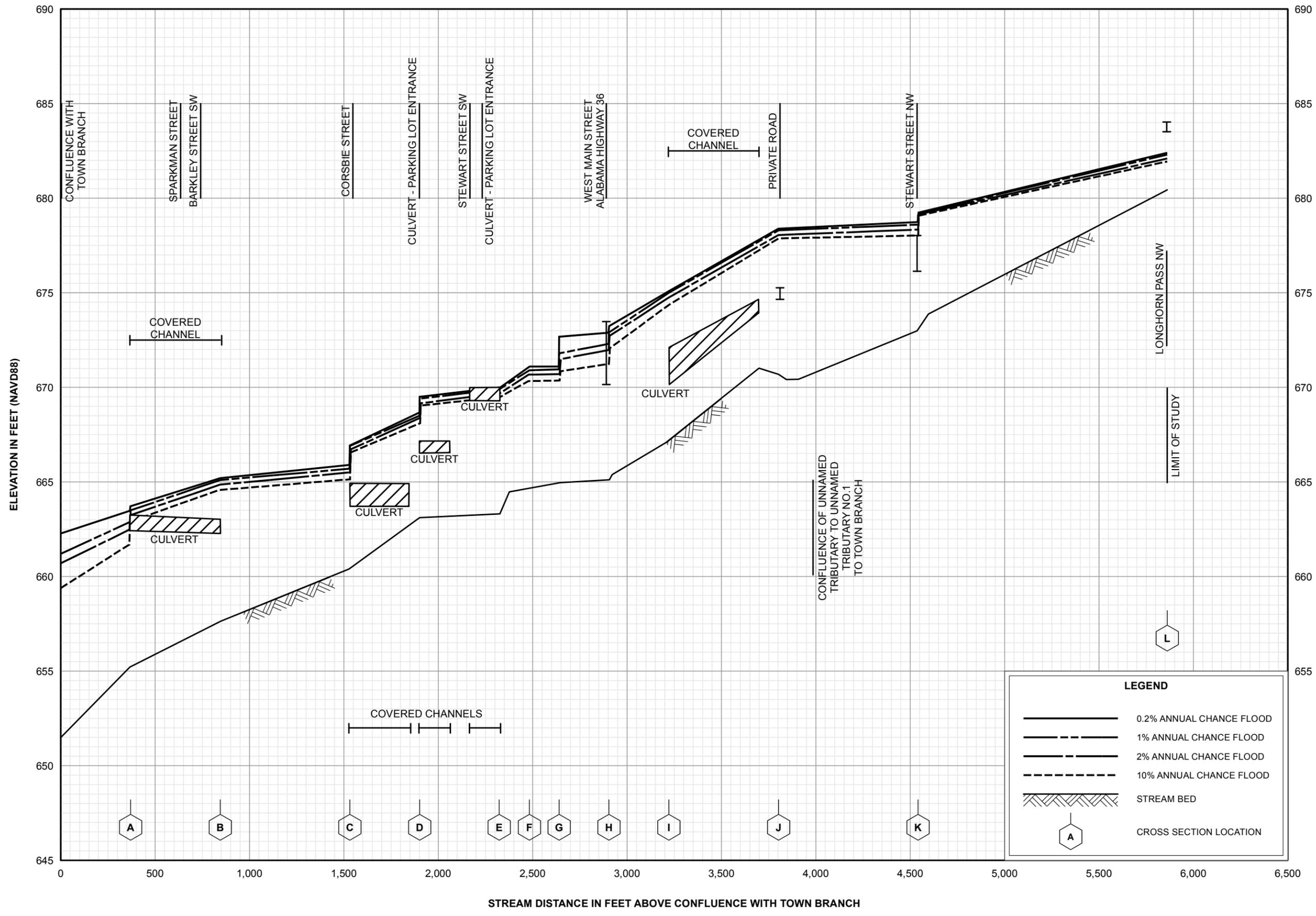


FLOOD PROFILES

UNNAMED TRIBUTARY NO.1 TO SHOAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

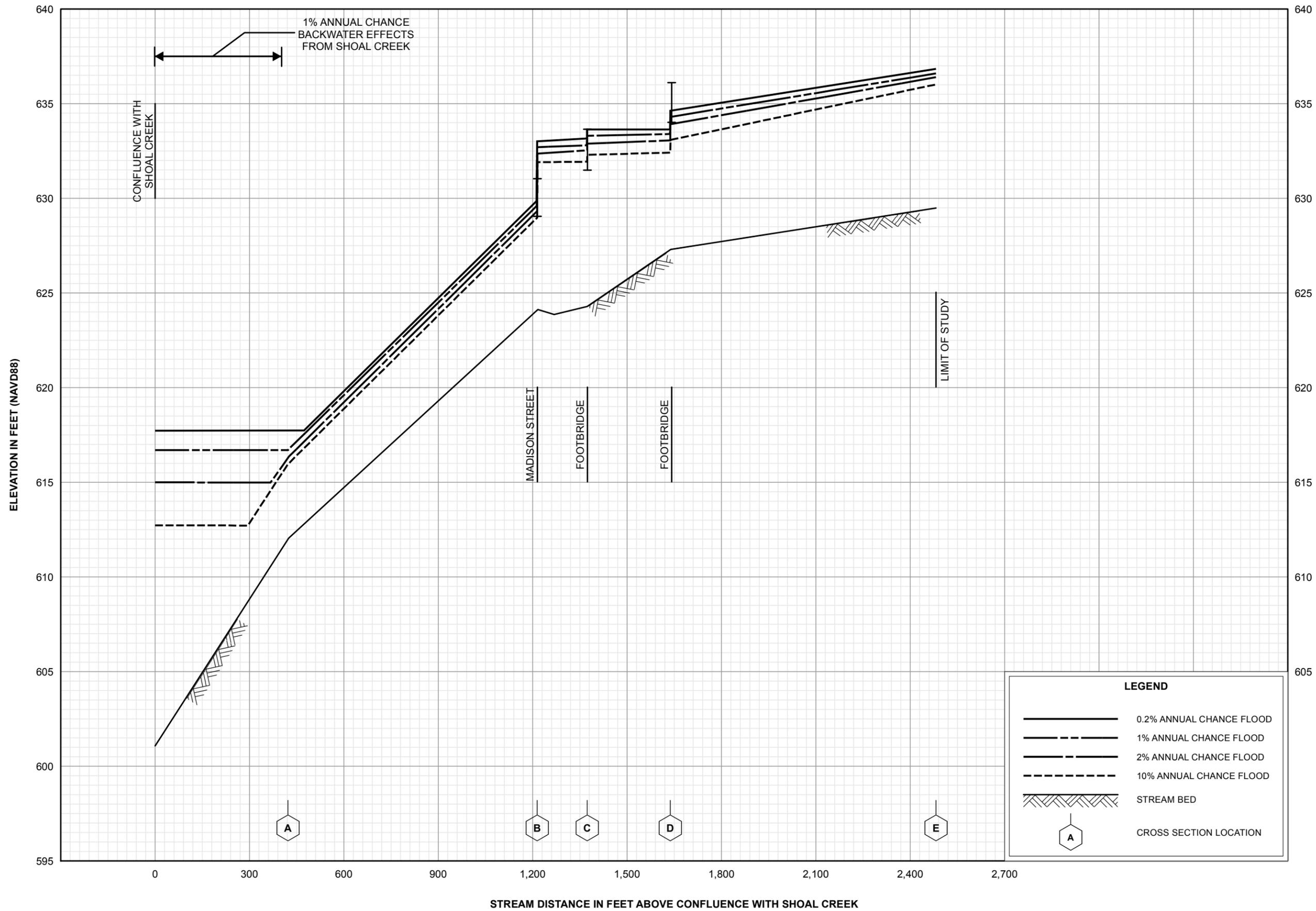
**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



FLOOD PROFILES
UNNAMED TRIBUTARY NO.1 TO TOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS

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

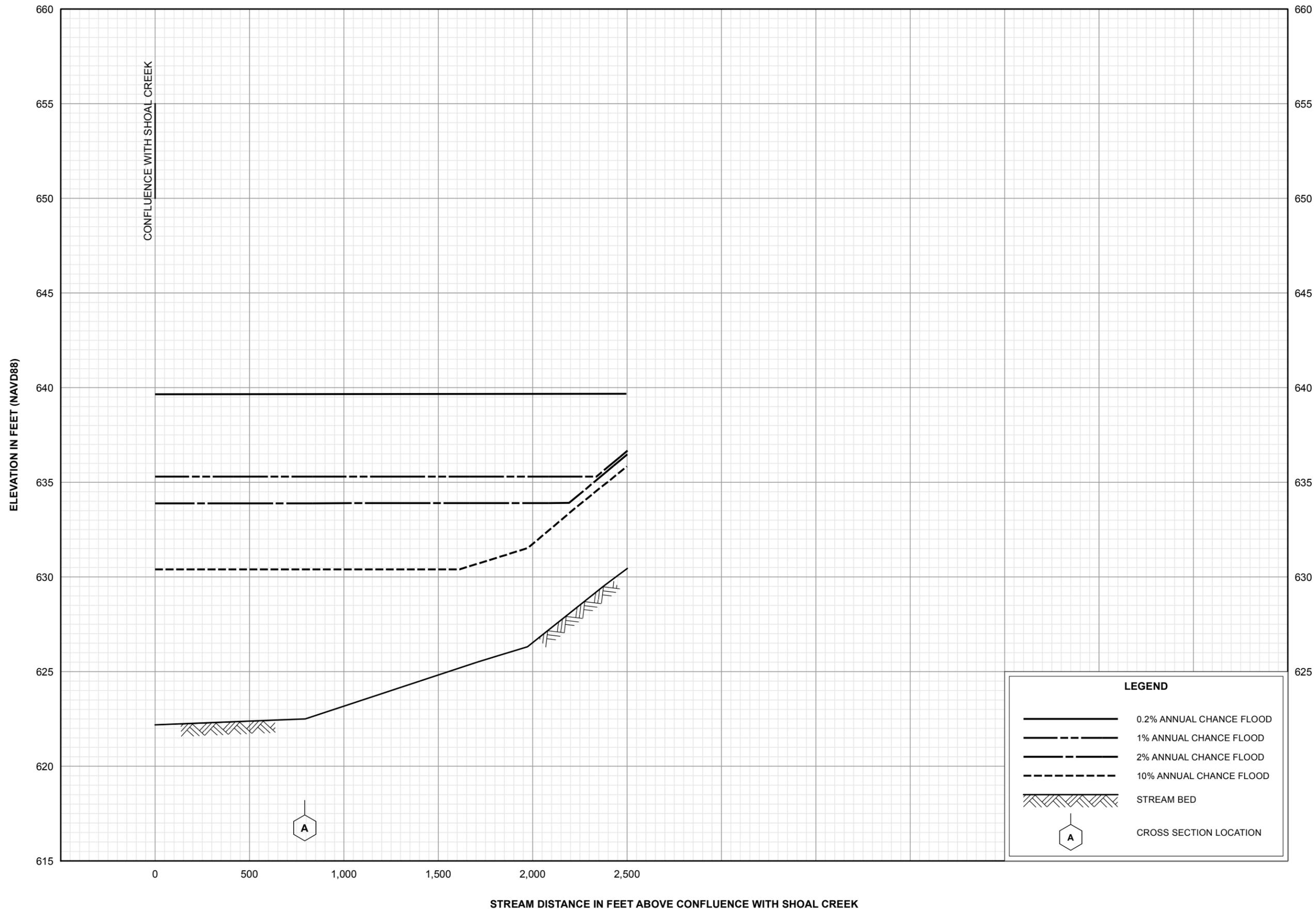


FLOOD PROFILES

UNNAMED TRIBUTARY NO.2 TO SHOAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**

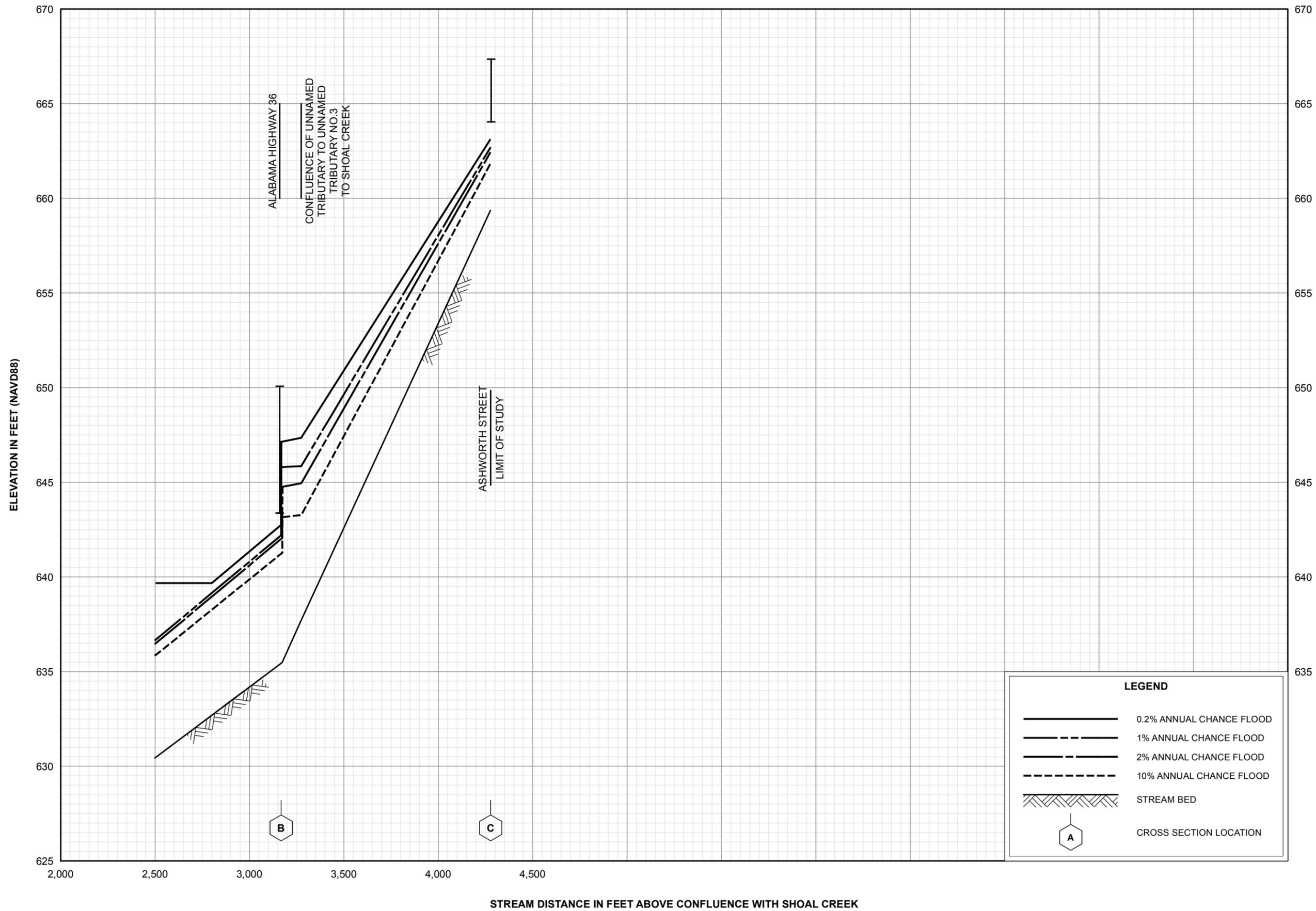


FLOOD PROFILES

UNNAMED TRIBUTARY NO.3 TO SHOAL CREEK

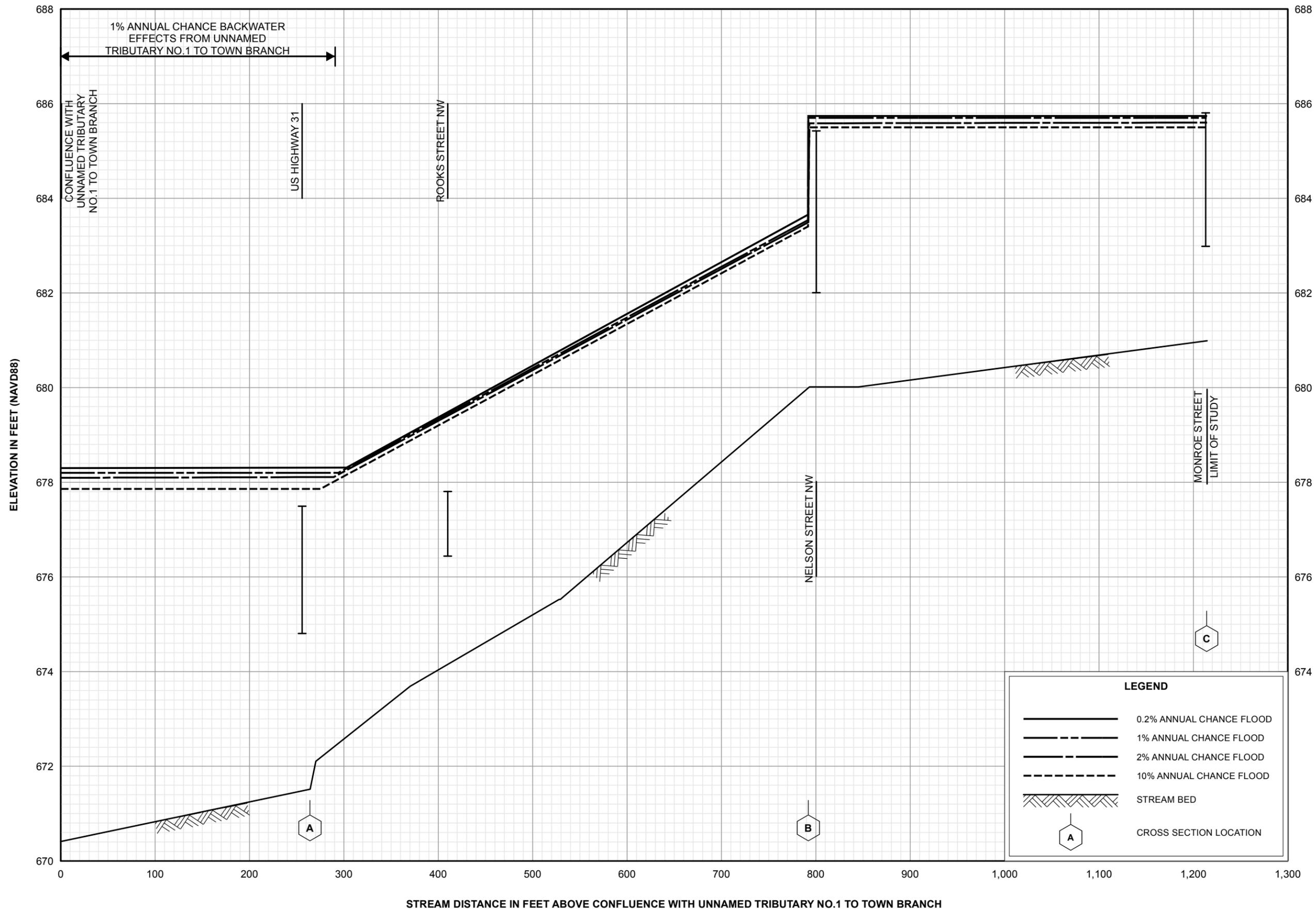
FEDERAL EMERGENCY MANAGEMENT AGENCY

**MORGAN COUNTY, AL
AND INCORPORATED AREAS**



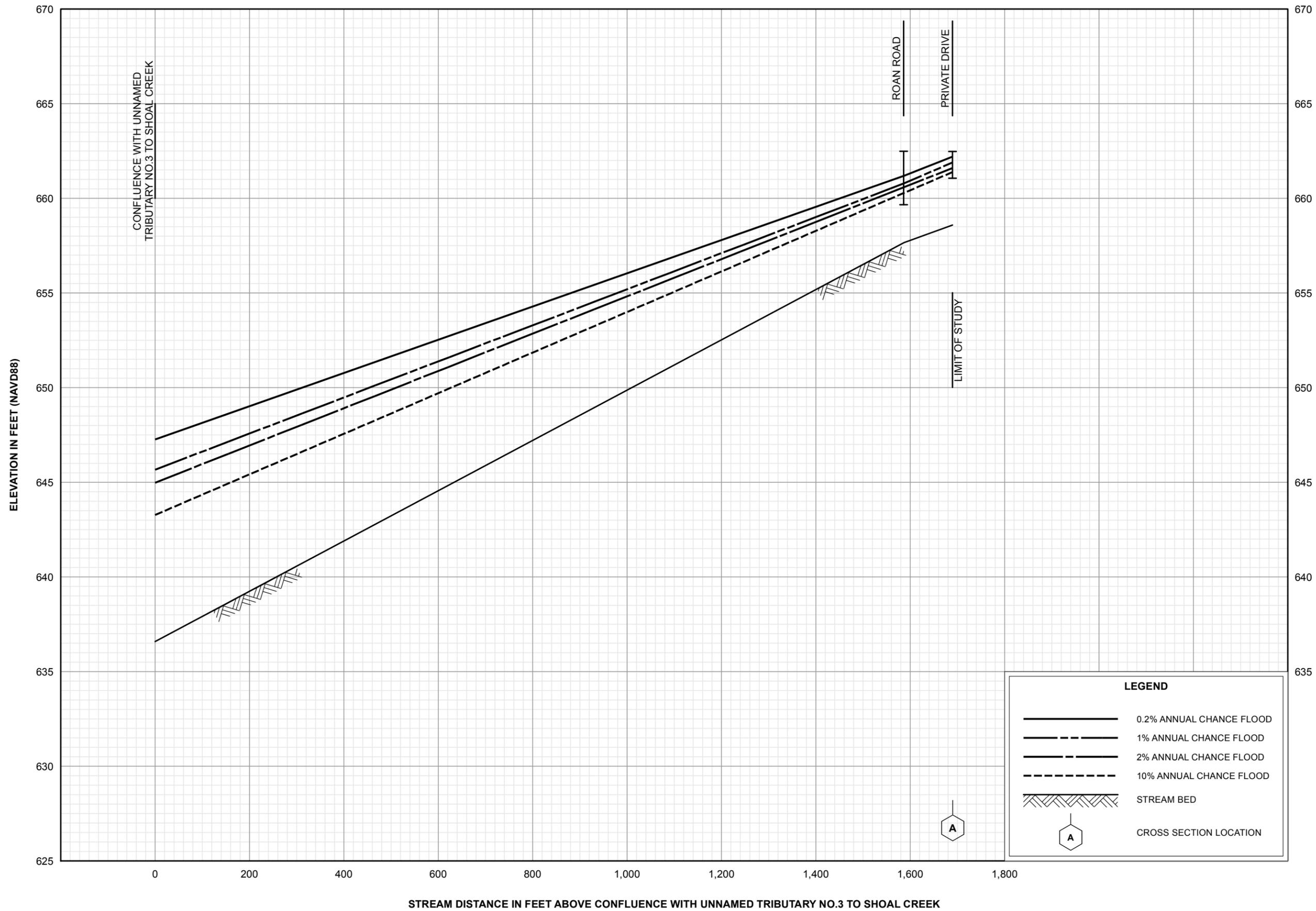
LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - · 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ A CROSS SECTION LOCATION



FLOOD PROFILES
UNNAMED TRIBUTARY TO
UNNAMED TRIBUTARY NO. 1 TO TOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
AND INCORPORATED AREAS



FLOOD PROFILES
UNNAMED TRIBUTARY TO UNNAMED TRIBUTARY NO.3 TO SHOAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
MORGAN COUNTY, AL
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