

FLOOD INSURANCE STUDY



VOLUME 2 OF 2

STARK COUNTY, OHIO AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
ALLIANCE, CITY OF	390508
BEACH CITY, VILLAGE OF	390509
BREWSTER, VILLAGE OF	390510
CANAL FULTON, CITY OF	390511
CANTON, CITY OF	390512
EAST CANTON, VILLAGE OF	390513
EAST SPARTA, VILLAGE OF	390655
* HARTVILLE, VILLAGE OF	390514
* HILLS AND DALES, VILLAGE OF	390515
LIMAVILLE, VILLAGE OF	390836
LOUISVILLE, CITY OF	390516
MASSILLON, CITY OF	390517
* MEYERS LAKE, VILLAGE OF	390519
MINERVA, VILLAGE OF	390518
NAVARRE, VILLAGE OF	390520
NORTH CANTON, CITY OF	390521
STARK COUNTY (UNINCORPORATED AREAS)	390780
WAYNESBURG, VILLAGE OF	390667
* WILMOT, VILLAGE OF	390522

* NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED



PRELIMINARY

March 18, 2016



Revised:
To Be Determined

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
39151CV002C

NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. Please contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS report by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS report. Therefore, users should consult with community officials and check the Community Map Repository to obtain the most current FIS report components.

Initial Countywide FIS Effective Date: **September 29, 2011**

Revised Countywide FIS Date(s): **February 16, 2012**
 To Be Determined

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Published Separately –

Flood Insurance Rate Map Index
Flood Insurance Rate Map

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Branch Nimishillen Creek								
A	130	60	484	9.1	1011.1	1011.1	1011.3	0.2
B	515	86	804	5.5	1013.1	1013.1	1013.1	0.0
C	1,741	160	1,234	3.6	1016.3	1016.3	1017.0	0.7
D	3,578	88	799	5.1	1018.5	1018.5	1018.9	0.4
E	4,506	90	821	5.0	1021.7	1021.7	1022.0	0.3
F	23,000	117	643	5.6	1041.2	1041.2	1042.1	0.9
G	23,575	300	753	2.0	1043.1	1041.6 ²	1042.5	0.9
H	23,658	180	514	2.9	1043.1	1041.7 ²	1042.7	1.0
I	24,669	85	445	3.3	1048.7	1048.7	1048.7	0.0
J	26,530	150	586	2.5	1049.8	1049.8	1050.2	0.4
K	27,748	120	324	4.5	1051.6	1051.6	1052.5	0.9
L	28,968	64	204	7.2	1056.5	1056.5	1056.8	0.3
M	29,130	100	411	3.6	1058.1	1058.1	1058.2	0.1
N	30,365	130	529	2.8	1061.0	1061.0	1061.8	0.8
O	30,752	85	344	4.3	1063.2	1063.2	1063.2	0.0
P	31,397	85	327	4.2	1063.4	1063.4	1063.4	0.0
Q	32,146	85	291	4.7	1064.3	1064.3	1064.8	0.5
R	33,338	56	229	6.0	1068.7	1068.7	1069.5	0.8
S	33,552	60	310	4.4	1071.4	1071.4	1071.7	0.3
T	34,448	40	240	5.7	1072.7	1072.7	1073.2	0.5
U	34,683	80	540	2.5	1076.3	1076.3	1076.3	0.0
V	36,552	45	314	4.2	1077.2	1077.2	1077.4	0.2
W	38,149	95	249	5.3	1078.8	1078.8	1079.3	0.5

¹ Stream distance in feet above confluence with Nimishillen Creek ² Elevation without considering backwater effect from McDowell Ditch

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Branch Nimishillen Creek

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Branch Nimishillen Creek (continued)								
X	39,166	50	278	4.7	1080.8	1080.8	1081.2	0.4
Y	39,508	40	216	5.8	1081.3	1081.3	1081.7	0.4
Z	39,803	50	266	4.7	1082.2	1082.2	1082.4	0.2
AA	40,909	50	270	4.7	1083.6	1083.6	1084.2	0.6
AB	41,254	90	459	2.7	1086.6	1086.6	1086.6	0.0
AC	42,794	45	314	4.0	1086.9	1086.9	1087.1	0.2
AD	44,310	130	572	1.8	1087.9	1087.9	1088.1	0.2
AE	47,620	150	564	1.9	1088.3	1088.3	1088.9	0.6
AF	49,013	41	228	4.6	1088.5	1088.5	1089.4	0.9
AG	49,505	100	327	3.2	1089.6	1089.6	1090.3	0.7
AH	51,581	58	258	3.1	1090.0	1090.0	1091.0	1.0
AI	51,642	37	198	4.1	1090.6	1090.6	1091.4	0.8
AJ	51,949	120	349	2.3	1093.0	1093.0	1093.8	0.8
AK	54,383	29	187	4.3	1093.7	1093.7	1094.6	0.9
AL	55,158	25	116	6.9	1095.0	1095.0	1095.6	0.6
AM	55,470	40	206	3.9	1098.4	1098.4	1098.4	0.0
AN	56,450	33	125	4.8	1098.7	1098.7	1099.4	0.7
AO	57,761	25	112	5.4	1103.0	1103.0	1103.4	0.4
AP	58,234	25	109	5.5	1105.9	1105.9	1106.0	0.1
AQ	58,648	23	109	5.5	1108.5	1108.5	1108.6	0.1
AR	58,849	28	138	4.4	1109.7	1109.7	1109.8	0.1
AS	59,888	28	136	4.4	1112.6	1112.6	1112.8	0.2
AT	61,085	28	131	4.6	1116.5	1116.5	1116.7	0.2

¹ Stream distance in feet above confluence with Nimishillen Creek

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Branch Nimishillen Creek

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Branch Nimishillen Creek (continued)								
AU	61,286	32	186	3.2	1118.0	1118.0	1118.1	0.1
AV	62,999	43	186	3.2	1118.9	1118.9	1119.8	0.9
AW	64,675	31	131	2.6	1120.7	1120.7	1121.2	0.5
AX	65,571	25	103	3.3	1122.3	1122.3	1122.5	0.2
AY	65,654	29	127	2.7	1124.2	1124.2	1124.3	0.1
AZ	67,289	30	152	1.1	1126.0	1126.0	1126.1	0.1
BA	67,443	30	98	1.6	1129.9	1129.9	1129.9	0.0
BB	67,975	20	76	3.4	1131.6	1131.6	1131.6	0.0
BC	68,099	25	113	2.3	1133.9	1133.9	1134.2	0.3
BD	68,733	29	84	3.0	1135.0	1135.0	1135.2	0.2
BE	69,016	45	163	1.6	1138.0	1138.0	1138.8	0.8
BF	69,286	45	124	2.0	1138.7	1138.7	1139.5	0.8
BG	69,701	45	141	1.8	1139.1	1139.1	1139.7	0.6
BH	70,251	34	68	3.7	1141.2	1141.2	1141.6	0.4
BI	70,460	70	163	1.6	1142.7	1142.7	1143.3	0.6
BJ	70,634	70	206	1.2	1144.0	1144.0	1144.8	0.8
BK	70,782	70	155	1.6	1144.4	1144.4	1144.9	0.5
BL	71,241	45	172	1.5	1146.6	1146.6	1147.2	0.6
BM	71,923	22	55	4.6	1146.8	1146.8	1147.4	0.6
BN	71,998	28	113	2.3	1148.5	1148.5	1149.4	0.9
BO	72,438	29	138	1.8	1148.9	1148.9	1149.6	0.7
BP	73,001	50	161	1.6	1151.4	1151.4	1152.2	0.8
BQ	73,144	40	140	1.8	1152.4	1152.4	1153.4	1.0

¹ Stream distance in feet above confluence with Nimishillen Creek

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Branch Nimishillen Creek

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Branch Nimishillen Creek (continued)								
BR	73,381	50	215	1.2	1154.5	1154.5	1155.4	0.9
BS	73,915	90	344	0.7	1154.6	1154.6	1155.6	1.0
BT	74,100	90	251	1.0	1154.7	1154.7	1155.7	1.0

¹ Stream distance in feet above confluence with Nimishillen Creek

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Branch Nimishillen Creek

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Branch Nimishillen Creek Tributary 1								
A	53	38	131	3.5	1090.0	1087.8 ²	1088.4	0.6
B	1,240	70	125	3.7	1090.0	1089.0 ²	1089.5	0.5
C	1,360	70	186	2.5	1090.1	1090.1	1090.7	0.6
D	1,477	50	146	3.2	1091.5	1091.5	1091.7	0.2
E	1,714	50	145	3.2	1091.7	1091.7	1092.2	0.5
F	1,989	34	196	2.4	1095.3	1095.3	1095.5	0.2
G	2,787	28	113	4.1	1095.5	1095.5	1095.8	0.3
H	3,942	16	73	6.3	1102.3	1102.3	1103.1	0.8
I	4,001	90	91	5.1	1106.2	1106.2	1106.7	0.5
J	4,457	16	73	6.3	1106.6	1106.6	1107.4	0.8
K	4,524	29	101	4.6	1109.0	1109.0	1109.0	0.0
L	5,433	23	63	7.3	1112.5	1112.5	1112.5	0.0
M	5,812	18	72	6.4	1114.7	1114.7	1114.9	0.2
N	6,282	22	115	4.0	1118.7	1118.7	1119.1	0.4
O	6,795	27	89	5.2	1119.8	1119.8	1120.2	0.4
P	6,883	102	243	1.9	1122.5	1122.5	1122.5	0.0
Q	7,703	25	109	4.2	1124.6	1124.6	1124.7	0.1
R	8,912	21	83	4.0	1127.9	1127.9	1128.1	0.2
S	9,193	27	121	2.7	1128.7	1128.7	1128.8	0.1
T	9,510	35	128	2.6	1130.2	1130.2	1130.2	0.0
U	10,383	22	98	3.4	1130.6	1130.6	1130.8	0.2
V	10,454	35	143	2.3	1132.2	1132.2	1132.4	0.2

¹ Stream distance in feet above mouth ² Elevation without considering backwater effect from West Branch Nimishillen Creek

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Branch Nimishillen Creek Tributary 1

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Branch Nimishillen Creek Tributary 1 (continued)								
W	11,633	45	152	2.2	1135.0	1135.0	1135.0	0.0
X	13,171	21	87	3.8	1135.7	1135.7	1135.8	0.1
Y	13,300	26	163	2.0	1138.8	1138.8	1138.9	0.1
Z	14,615	26	112	3.0	1139.0	1139.0	1139.3	0.3
AA	14,748	25	121	2.7	1140.4	1140.4	1140.6	0.2

¹ Stream distance in feet above mouth

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Branch Nimishillen Creek Tributary 1

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
West Sippo Creek								
A	144	75	409	2.9	995.8	995.8	996.8	1.0
B	182	80	386	3.1	995.8	995.8	996.8	1.0
C	567	40	263	4.5	996.0	996.0	997.0	1.0
D	1,852	55	352	3.4	997.7	997.7	998.7	1.0
E	2,668	50	217	5.4	999.3	999.3	999.9	0.6
F	3,279	50	216	5.5	1001.0	1001.0	1001.7	0.7
G	4,119	50	219	5.3	1003.2	1003.2	1003.8	0.6
H	4,392	40	198	5.9	1004.5	1004.5	1005.1	0.6
I	5,119	48	200	5.8	1006.1	1006.1	1006.8	0.7
J	5,238	60	258	4.5	1007.4	1007.4	1007.8	0.4
K	6,061	60	250	4.6	1008.4	1008.4	1009.3	0.9
L	6,639	60	244	4.8	1010.6	1010.6	1011.2	0.6
M	6,799	50	313	3.7	1012.8	1012.8	1013.6	0.8
N	7,701	40	129	5.4	1015.2	1015.2	1015.7	0.5
O	8,192	29	99	7.1	1017.7	1017.7	1017.9	0.2
P	8,773	27	121	5.8	1019.7	1019.7	1020.4	0.7
Q	9,232	22	90	7.8	1022.5	1022.5	1023.1	0.6
R	9,436	31	114	6.2	1025.6	1025.6	1025.7	0.1
S	10,067	37	140	5.0	1028.8	1028.8	1029.1	0.3
T	10,412	37	97	7.2	1030.6	1030.6	1030.7	0.1
U	10,878	36	120	5.1	1033.2	1033.2	1033.5	0.3
V	11,114	27	95	6.4	1034.9	1034.9	1034.9	0.0

¹ Stream distance in feet above a point approximately 106 feet downstream of Deermont Avenue

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

West Sippo Creek

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Zimber Ditch								
A	186	53	586	2.9	1063.1	1063.1	1063.7	0.6
B	2,914	276	1,601	1.0	1063.5	1063.5	1064.5	1.0
C	4,034	252	1,766	0.9	1063.6	1063.6	1064.6	1.0
D	5,504	276	1,321	0.9	1063.8	1063.8	1064.8	1.0
E	7,254	42	291	3.8	1064.3	1064.3	1065.3	1.0
F	8,937	49	444	2.5	1068.6	1068.6	1069.3	0.7
G	10,657	83	539	2.1	1069.1	1069.1	1069.9	0.8
H	11,956	46	264	3.5	1070.8	1070.8	1071.2	0.4
I	14,956	47	327	2.6	1080.4	1080.4	1081.7	1.3
J	16,640	30	119	5.5	1081.3	1081.3	1085.8	4.5
K	17,890	30	124	5.2	1085.6	1085.6	1085.8	0.2

¹ Stream distance in feet above mouth

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

Zimber Ditch

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Zimber Ditch Tributary 1								
A	844	27	122	2.7	1106.9	1106.9	1107.2	0.3
B	1,435	29	82	4.0	1110.1	1110.1	1110.3	0.2
C	2,259	22	79	4.1	1115.7	1115.7	1115.8	0.1
D	2,775	24	72	4.5	1118.9	1118.9	1119.0	0.1
E	3,151	20	69	4.7	1120.9	1120.9	1121.3	0.4
F	3,287	25	106	3.1	1122.5	1122.5	1122.8	0.3
G	4,143	26	74	3.0	1123.9	1123.9	1124.1	0.2
H	4,256	25	82	2.7	1124.5	1124.5	1124.7	0.2
I	4,482	25	75	3.0	1125.2	1125.2	1125.3	0.1
J	5,156	17	54	4.1	1127.0	1127.0	1127.0	0.0
K	5,771	15	41	5.4	1130.0	1130.0	1130.1	0.1
L	5,843	21	137	1.6	1133.9	1133.9	1134.4	0.5
M	6,441	19	55	4.1	1134.5	1134.5	1134.9	0.4
N	6,702	14	48	4.2	1137.4	1137.4	1137.4	0.0
O	7,156	11	48	4.2	1141.5	1141.5	1142.3	0.8
P	7,387	15	47	4.3	1144.1	1144.1	1144.2	0.1
Q	7,712	12	46	4.4	1145.1	1145.1	1145.9	0.8
R	7,929	11	45	4.5	1147.3	1147.3	1147.6	0.3
S	8,310	16	51	4.0	1149.8	1149.8	1150.0	0.2
T	8,425	32	152	1.3	1153.8	1153.8	1153.8	0.0
U	9,048	19	59	3.4	1154.1	1154.1	1154.5	0.4
V	9,602	15	43	4.7	1158.2	1158.2	1158.3	0.1
W	9,983	34	135	1.5	1163.4	1163.4	1163.4	0.0
X	10,265	83	378	0.5	1163.5	1163.5	1163.5	0.0

¹ Stream distance in feet above mouth

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

Zimber Ditch Tributary 1

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Zimber Ditch Tributary 1 (continued)								
Y	10,544	32	150	1.3	1163.5	1163.5	1163.5	0.0
Z	10,935	75	109	1.9	1163.5	1163.5	1163.5	0.0

¹ Stream distance in feet above mouth

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

Zimber Ditch Tributary 1

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Zimber Ditch Tributary 1A								
A	70	16	36	3.9	1122.5	1120.5 ²	1120.5	0.0
B	193	30	108	1.3	1123.7	1123.7	1123.7	0.0
C	762	18	35	4.0	1124.4	1124.4	1124.6	0.2
D	1,162	12	31	4.6	1127.7	1127.7	1128.0	0.3
E	1,247	18	66	2.2	1130.6	1130.6	1131.0	0.4
F	1,422	25	121	1.2	1134.0	1134.0	1134.4	0.4
G	1,742	13	27	5.3	1134.8	1134.8	1135.0	0.2
H	2,024	10	20	7.2	1139.6	1139.6	1139.7	0.1
I	2,307	11	35	4.1	1143.4	1143.4	1143.4	0.0
J	2,727	10	22	6.3	1145.3	1145.3	1145.4	0.1
K	2,968	15	87	1.6	1149.0	1149.0	1149.2	0.2
L	3,914	9	37	3.8	1149.9	1149.9	1150.1	0.2
M	4,381	17	64	2.2	1152.5	1152.5	1152.6	0.1
N	5,337	19	68	2.1	1153.5	1153.5	1153.8	0.3
O	5,569	19	96	1.5	1154.7	1154.7	1154.9	0.2
P	6,354	17	48	2.9	1156.6	1156.6	1156.8	0.2

¹ Stream distance in feet above mouth ² Elevation without considering backwater effect from Zimber Ditch Tributary 1

Table 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOODWAY DATA

Zimber Ditch Tributary 1A

5.0 INSURANCE APPLICATION

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

Zone A	The flood insurance risk zone that corresponds to the 1-percent- annual-chance floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or base flood depths are shown within this zone.
Zone AE	The flood insurance risk zone that corresponds to the 1-percent- annual-chance floodplains that are determined in the FIS by detailed methods. In most instances, whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.
Zone X	The flood insurance risk zone that corresponds to areas outside the 0.2-percent-annual-chance floodplain, areas within the 0.2-percent- annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by levees. No BFEs or base flood depths are shown within this zone.

6.0 FLOOD INSURANCE RATE MAP (FIRM)

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

The FIRM for Stark County is, for insurance purposes, the principal result of the FIS. This map (published separately) contains the official delineation of flood insurance zones and BFE lines. BFE lines show the locations of the expected whole-foot WSELs of the base flood. This map is developed in accordance with the latest FIRM preparation guidelines published by FEMA.

For flood insurance applications, the map designates flood insurance rate zones as described in Section 5.0 and, in the existing conditions 1-percent-annual-chance floodplains that were studied by detailed methods, shows selected whole-foot BFEs or average depths. Insurance agents use the zones and BFEs

for existing conditions in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

For floodplain management applications, the map shows by tints, screens and symbols, the 1- and 0.2-percent-chance-annual floodplains. Floodways for the 1-percent-annual-chance flood extent and the locations of selected cross-sections used in the hydraulic analyses and floodway computations are shown where applicable. This FIRM included flood hazard information that was presented separately on the Flood Boundary and Floodway Maps in previously printed FIS reports for Stark County, Ohio.

The current FIRM presents flooding information for the entire geographic area of Stark County. Prior to the September 2011 initial countywide FIS, separate FIRMs were prepared for each incorporated community and for the unincorporated areas of the county with identified SFHAs. Historical data relating to the maps prepared for each community are presented in **Table 13**.

7.0 OTHER STUDIES

Because it is based on more up-to-date analyses, this FIS supersedes previously printed FIS reports for Stark County, Ohio. The information on the Flood Boundary and Floodway Maps have been added to the FIRM accompanying this FIS. This report either supersedes or is compatible with all previous studies published on the streams studied in this report and should be considered authoritative for the purposes of the NFIP.

Revised countywide studies are in progress for Tuscarawas and Carroll Counties. The results of these studies will be in agreement with the results of this countywide study.

8.0 LOCATION OF DATA

Information concerning the pertinent data used in preparation of this study can be obtained by contacting FEMA, Mitigation Division, 536 South Clark Street, Sixth Floor, Chicago, Illinois 60605.

Future revisions may be made that do not result in the republishing of the FIS Report. To ensure that any user is aware of all revisions, it is advisable to contact the map repository of flood hazard data located in the community.

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISIONS DATE(S)	FIRM EFFECTIVE DATE	FIRM REVISIONS DATE(S)
Alliance, City of	June 7, 1974	June 18, 1976	July 5, 1982	
Beach City, Village of	July 30, 1976	None	December 19, 1980	
Brewster, Village of	February 8, 1974	March 28, 1975, November 17, 1978	July 31, 1981	
Canal Fulton, City of	January 9, 1974	October 15, 1976	July 5, 1982	
Canton, City of	December 17, 1973	May 28, 1976	January 6, 1983	
East Canton, Village of	July 18, 1975	None	February 16, 1979	
East Sparta, Village of	April 5, 1974	May 21, 1976	May 1, 1981	
^{1,2} Hartville, Village of	N/A	N/A	N/A	
^{1,2} Hills and Dales, Village of	N/A	N/A	N/A	
² Limaville, Village of	N/A	N/A	N/A	
Louisville, City of	May 17, 1974	May 21, 1976	August 15, 1978	July 16, 1984 July 5, 2000
Massillon, City of	January 9, 1974	August 22, 1975 May 18, 1979	July 5, 1982	
^{1,2} Meyers Lake, Village of	N/A	N/A	N/A	
Minerva, Village of	July 23, 1976	March 30, 1979	July 5, 1982	
Navarre, Village of	January 16, 1974	April 9, 1976	July 5, 1982	
North Canton, City of	May 17, 1974	May 21, 1976	November 3, 1982	
Stark County (Unincorporated Areas)	January 13, 1978	None	September 1, 1983	
Waynesburg, Village of	March 29, 1974	June 11, 1976	July 5, 1982	
^{1,2} Wilmot, Village of	N/A	N/A	N/A	

¹ No Special Flood Hazard Areas Identified ² This community does not have map history prior to the first countywide mapping

TABLE 13	FEDERAL EMERGENCY MANAGEMENT AGENCY	COMMUNITY MAP HISTORY
	STARK COUNTY, OH (AND INCORPORATED AREAS)	

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10.0 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>.

10.1 FIRM Notes to Users

Each FIS report provides floodplain data, which may include a combination of the following: 10-, 4-, 2-, 1-, and 0.2-percent-annual-chance flood elevations (the 1-percent-annual-chance flood elevation is also referred to as the Base Flood Elevation (BFE)); delineations of the 1-percent-annual-chance and 0.2-percent-annual-chance floodplains; and 1-percent-annual-chance floodway. This information is presented on the FIRM and/or in many components of the FIS report, including Flood Profiles and Floodway Data tables.

Figure 3 presents important considerations for using the information contained in this FIS report and the FIRM and is provided in response to changes in format and content. **Figure 4** presents the map legend for the FIRM.

Figure 3. FIRM Notes to Users

NOTES TO USERS

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

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

For community and countywide map dates, refer to Error! Reference source not found. in this FIS Report.

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

PRELIMINARY FIS REPORT: FEMA maintains information about map features, such as street locations and names, in or near designated flood hazard areas. Requests to revise information in or near designated flood hazard areas may be provided to FEMA during the community review period, at the final Consultation Coordination Officer's meeting, or during the statutory 90-day appeal period. Approved requests for changes will be shown on the final printed FIRM.

Figure 3. FIRM Notes to Users

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

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

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

FLOOD CONTROL STRUCTURE INFORMATION: Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 4.3 "Non-Levee Flood Protection Measures" of this FIS Report for information on flood control structures for this jurisdiction.

PROJECTION INFORMATION: The projection used in the preparation of the map was State Plane Ohio South, Zone 3402. The horizontal datum was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

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

*NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242*

Local vertical monuments may have been used to create the map. To obtain current monument information, please contact the appropriate local community listed in **Table 15** of this FIS Report.

BASE MAP INFORMATION: Base map information shown on the FIRM was provided by multiple sources. Base map files were provided in digital format by Stark County and the Ohio Statewide Imagery Program dated 2013.

Figure 3. FIRM Notes to Users

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

NOTES FOR FIRM INDEX

REVISIONS TO INDEX: As new studies are performed and FIRM panels are updated within Stark County, Ohio, corresponding revisions to the FIRM Index will be incorporated within the FIS Report to reflect the effective dates of those panels. Please refer to Error! Reference source not found. of this FIS Report to determine the most recent FIRM revision date for each community. The most recent FIRM panel effective date will correspond to the most recent index date.

SPECIAL NOTES FOR SPECIFIC FIRM PANELS

This Notes to Users section was created specifically for Stark County, Ohio, effective **TBD**.

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

Each FIRM panel contains an abbreviated legend for the features shown on the maps. However, the FIRM panel does not contain enough space to show the legend for all map features. Figure 4 shows the full legend of all map features. Note that not all of these features may appear on the FIRM panels in Stark County

Figure 4. Map Legend for FIRM

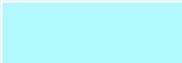
<p>SPECIAL FLOOD HAZARD AREAS: <i>The 1% annual chance flood, also known as the base flood or 100-year flood, has a 1% chance of happening or being exceeded each year. Special Flood Hazard Areas are subject to flooding by the 1% annual chance flood. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood. The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights. See note for specific types. If the floodway is too narrow to be shown, a note is shown.</i></p>	
	Special Flood Hazard Areas subject to inundation by the 1% annual chance flood (Zones A, AE, AH, AO, AR, A99, V and VE)
Zone A	The flood insurance rate zone that corresponds to the 1% annual chance floodplains. No base (1% annual chance) flood elevations (BFEs) or depths are shown within this zone.
Zone AE	The flood insurance rate zone that corresponds to the 1% annual chance floodplains. Base flood elevations derived from the hydraulic analyses are shown within this zone, either at cross section locations or as static whole-foot elevations that apply throughout the zone.
Zone AH	The flood insurance rate zone that corresponds to the areas of 1% annual chance shallow flooding (usually areas of ponding) where average depths are between 1 and 3 feet. Whole-foot BFEs derived from the hydraulic analyses are shown at selected intervals within this zone.
Zone AO	The flood insurance rate zone that corresponds to the areas of 1% annual chance shallow flooding (usually sheet flow on sloping terrain) where average depths are between 1 and 3 feet. Average whole-foot depths derived from the hydraulic analyses are shown within this zone.
Zone AR	The flood insurance rate zone that corresponds to areas that were formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
Zone A99	The flood insurance rate zone that corresponds to areas of the 1% annual chance floodplain that will be protected by a Federal flood protection system where construction has reached specified statutory milestones. No base flood elevations or flood depths are shown within this zone.
Zone V	The flood insurance rate zone that corresponds to the 1% annual chance coastal floodplains that have additional hazards associated with storm waves. Base flood elevations are not shown within this zone.
Zone VE	Zone VE is the flood insurance rate zone that corresponds to the 1% annual chance coastal floodplains that have additional hazards associated with storm waves. Base flood elevations derived from the coastal analyses are shown within this zone as static whole-foot elevations that apply throughout the zone.

Figure 4. Map Legend for FIRM

	<p>Regulatory Floodway determined in Zone AE.</p>
<p>OTHER AREAS OF FLOOD HAZARD</p>	
	<p>Shaded Zone X: Areas of 0.2% annual chance flood hazards and areas of 1% annual chance flood hazards with average depths of less than 1 foot or with drainage areas less than 1 square mile.</p>
	<p>Future Conditions 1% Annual Chance Flood Hazard – Zone X: The flood insurance rate zone that corresponds to the 1% annual chance floodplains that are determined based on future-conditions hydrology. No base flood elevations or flood depths are shown within this zone.</p>
	<p>Area with Reduced Flood Risk due to Levee: Areas where an accredited levee, dike, or other flood control structure has reduced the flood risk from the 1% annual chance flood. See Notes to Users for important information.</p>
<p>OTHER AREAS</p>	
	<p>Zone D (Areas of Undetermined Flood Hazard): The flood insurance rate zone that corresponds to unstudied areas where flood hazards are undetermined, but possible.</p>
	<p>Unshaded Zone X: Areas of minimal flood hazard.</p>
<p>FLOOD HAZARD AND OTHER BOUNDARY LINES</p>	
	<p>Flood Zone Boundary (white line on ortho-photography-based mapping; gray line on vector-based mapping)</p>
	<p>Limit of Study</p>
	<p>Jurisdiction Boundary</p>
	<p>Limit of Moderate Wave Action (LiMWA): Indicates the inland limit of the area affected by waves greater than 1.5 feet</p>
<p>GENERAL STRUCTURES</p>	
<p><i>Aqueduct</i> <i>Channel</i> <i>Culvert</i> <i>Storm Sewer</i></p>	<p>Channel, Culvert, Aqueduct, or Storm Sewer</p>

Figure 4. Map Legend for FIRM

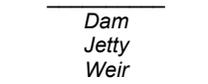
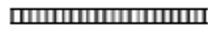
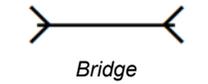
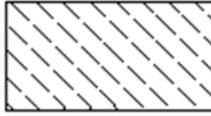
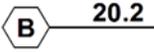
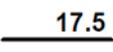
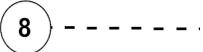
	<p>Dam, Jetty, Weir</p>
	<p>Levee, Dike, or Floodwall accredited or provisionally accredited to reduce the flood risk from the 1% annual chance flood.</p>
	<p>Levee, Dike or Floodwall not accredited to reduce the flood risk from the 1% annual chance flood.</p>
	<p>Bridge</p>
<p>COASTAL BARRIER RESOURCES SYSTEM (CBRS) AND OTHERWISE PROTECTED AREAS (OPA): <i>CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas. See Notes to Users for important information.</i></p>	
	<p>Coastal Barrier Resources System Area: Labels are shown to clarify where this area shares a boundary with an incorporated area or overlaps with the floodway.</p>
<p>CBRS AREA 09/30/2009</p>	
	<p>Otherwise Protected Area</p>
<p>OTHERWISE PROTECTED AREA 09/30/2009</p>	
<p>REFERENCE MARKERS</p>	
	<p>River mile Markers</p>
<p>CROSS SECTION & TRANSECT INFORMATION</p>	
	<p>Lettered Cross Section with Regulatory Water Surface Elevation (BFE)</p>
	<p>Numbered Cross Section with Regulatory Water Surface Elevation (BFE)</p>
	<p>Unlettered Cross Section with Regulatory Water Surface Elevation (BFE)</p>
	<p>Coastal Transect</p>
	<p>Profile Baseline: Indicates the modeled flow path of a stream and is shown on FIRM panels for all valid studies with profiles or otherwise established base flood elevation.</p>

Figure 4. Map Legend for FIRM

	Coastal Transect Baseline: Used in the coastal flood hazard model to represent the 0.0-foot elevation contour and the starting point for the transect and the measuring point for the coastal mapping.
	Base Flood Elevation Line
ZONE AE (EL 16)	Static Base Flood Elevation value (shown under zone label)
ZONE AO (DEPTH 2)	Zone designation with Depth
ZONE AO (DEPTH 2) (VEL 15 FPS)	Zone designation with Depth and Velocity
BASE MAP FEATURES	
	River, Stream or Other Hydrographic Feature
	Interstate Highway
	U.S. Highway
	State Highway
	County Highway
MAPLE LANE 	Street, Road, Avenue Name, or Private Drive if shown on Flood Profile
	Railroad
	Horizontal Reference Grid Line
	Horizontal Reference Grid Ticks
	Secondary Grid Crosshairs
Land Grant	Name of Land Grant
7	Section Number
R. 43 W. T. 22 N.	Range, Township Number
⁴²76^{000m}E	Horizontal Reference Grid Coordinates (UTM)
365000 FT	Horizontal Reference Grid Coordinates (State Plane)
80° 16' 52.5"	Corner Coordinates (Latitude, Longitude)

10.2 Jurisdictions Included in the Flood Insurance Study Project

This FIS Report covers the entire geographic area of Stark County, Ohio.

The jurisdictions that are included in this project area, along with the Community Identification Number (CID) for each community and the 8-digit Hydrologic Unit Codes (HUC-8) sub-basins affecting each, are shown in **Table 14**. The Flood Insurance Rate Map (FIRM) panel numbers that affect each community are listed. If the flood hazard data for the community is not included in this FIS Report, the location of that data is identified.

The location of flood hazard data for participating communities in multiple jurisdictions is also indicated in the table.

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

Table 14. Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Alliance, City of	390508	05030103	0116, 0117, 0118, 0119, 0136, 0137, 0138 ² , 0139 ²	
Beach City, Village of	390509	05040001	0337, 0339	
Brewster, Village of	390510	05040001	0326, 0327, 0328, 0329	
Canal Fulton, City of	390511	05040001	0020, 0036, 0038, 0039, 0043	
Canton, City of	390512	05040001	0206, 0207, 0208, 0209, 0216 ² , 0217, 0218, 0219, 0226, 0227, 0228, 0229, 0231, 0233, 0236, 0237, 0238, 0239, 0241, 0245, 0360	
East Canton, Village of	390513	05040001	0241, 0242	
East Sparta, Village of	390655	05040001	0386G, 0387	
Hartville, Village of ¹	390514	04110002, 05040001	0076 ² , 0077, 0078 ² , 0079 ² , 0085	
Hills & Dales, Village of ¹	390515	05040001	0204	
Limaville, Village of	390836	05030103	0107	
Louisville, City of	390516	05040001	0231, 0232, 0233, 0234, 0251, 0253	
Magnolia, Village of	390051	05040001	N/A	Carroll County FIS Report, 2016
Massillon, City of	390517	05040001	0160, 0170 ² , 0178, 0179, 0180, 0183, 0184, 0186 ² , 0187, 0189 ² , 0191, 0192, 0193, 0194, 0203, 0211, 0213 ² , 0332, 0335, 0351 ²	
Meyers Lake, Village of ¹	390519	05040001	0208, 0216 ²	
Minerva, Village of	390518	05040001	0426, 0427, 0428	

Table 14. Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Navarre, Village of	390520	05040001	0332, 0334, 0351 ²	
North Canton, City of	390521	05040001	0068, 0069, 0088, 0206, 0207, 0226	
Stark County, Unincorporated Areas	390780	04110002, 05030103, 05040001	0017, 0020, 0036, 0037, 0038, 0039, 0041 ² , 0042 ² , 0043, 0044 ² , 0056 ² , 0057, 0058, 0059, 0061, 0062, 0065, 0066, 0067, 0068, 0069, 0076 ² , 0077, 0078 ² , 0079 ² , 0085, 0088, 0090, 0095, 0105, 0107, 0110, 0115 ² , 0116, 0117, 0118, 0119, 0130, 0136, 0137, 0138 ² , 0139 ² , 0160, 0170 ² , 0178, 0179, 0180, 0183, 0184, 0185, 0186 ² , 0187, 0188 ² , 0189 ² , 0191, 0192, 0193, 0194, 0203, 0204, 0205, 0206, 0207, 0208, 0209, 0211, 0212, 0213 ² , 0214 ² , 0216 ² , 0217, 0218, 0219, 0226, 0227, 0228, 0229, 0231, 0232, 0233, 0234, 0236, 0237, 0238, 0239, 0241, 0242, 0245 ² , 0251, 0253, 0255, 0260 ² , 0265, 0270, 0280, 0289, 0290, 0310, 0317, 0319 ² , 0326, 0327, 0328, 0329, 0332, 0334, 0335, 0337, 0339, 0340, 0345 ² , 0351 ² , 0355, 0360, 0362, 0364, 0365, 0370, 0380, 0385, 0386, 0387G, 0390, 0391, 0392, 0393, 0394 ² , 0405, 0410, 0411, 0415 ² , 0426, 0427	
Waynesburg, Village of	390667	05040001	0392, 0411	
Wilmot, Village of ¹	390522	05040001	0317, 0319 ²	

¹ No Special Flood Hazard Areas identified ² Panel not printed

10.3 Map Repositories

Table 15 is a list of the locations where FIRMs for Stark 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 15. Map Repositories

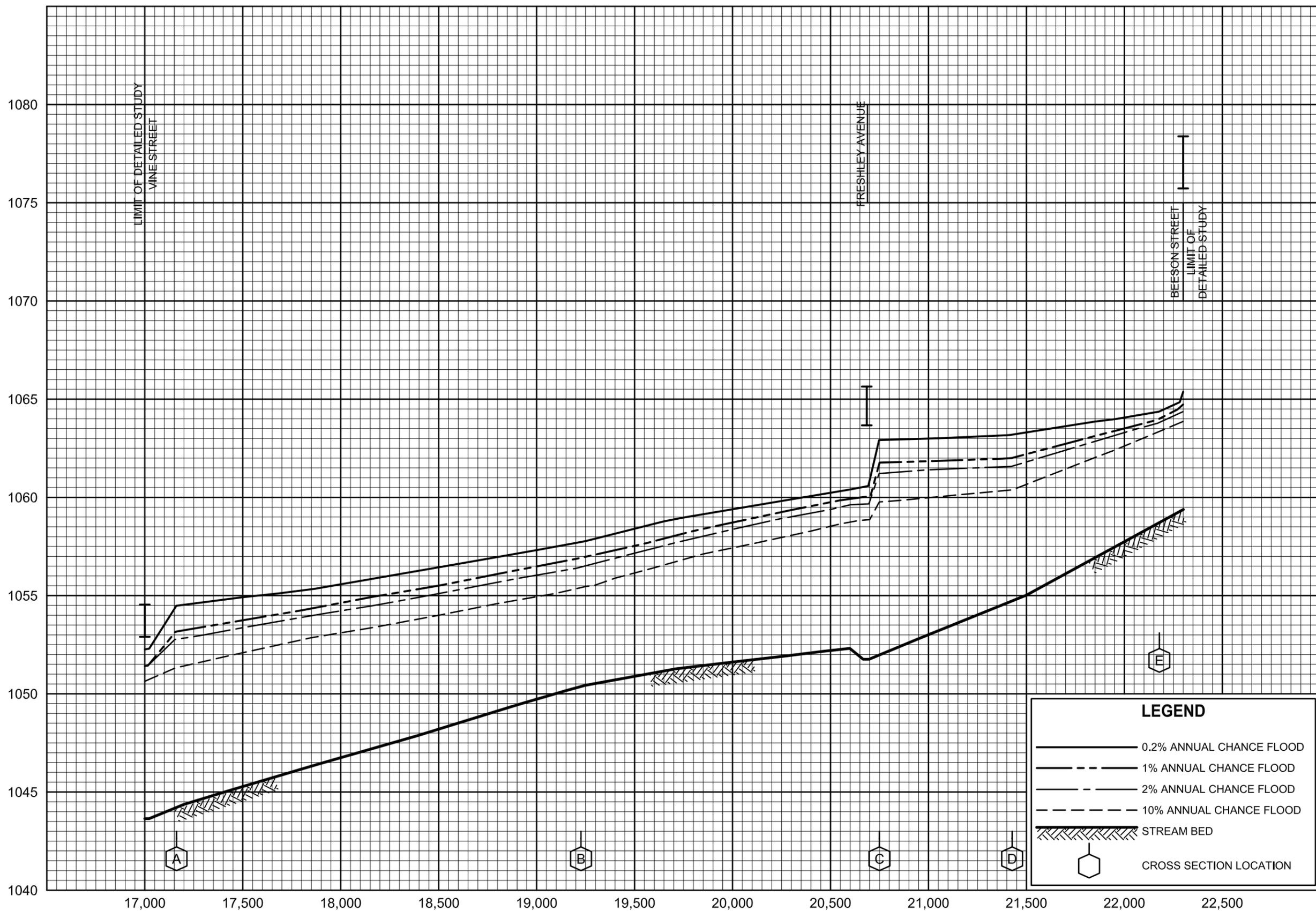
Community	Address	City	State	Zip Code
Alliance, City of	504 East Main Street	Alliance	Ohio	44601
Beach City, Village of	105 East Main Street	Beach City	Ohio	44608
Brewster, Village of	302 South Wabash Avenue	Brewster	Ohio	44613
Canal Fulton, City of	155 East Market Street	Canal Fulton	Ohio	44614
Canton, City of	424 Market Avenue North	Canton	Ohio	44702
East Canton, Village of	130 Cedar Street South	East Canton	Ohio	44730
East Sparta, Village of	Municipal Building 9353 Main Avenue	East Sparta	Ohio	44626
Hartville, Village of ¹	202 West Maple Street	Hartville	Ohio	44632
Hills & Dales, Village of ¹	110 Central Plaza South	Canton	Ohio	44702
Limaville, Village of	110 Central Plaza South	Canton	Ohio	44702

Table 15. Map Repositories

Community	Address	City	State	Zip Code
Louisville, City of	215 South Mill Street	Louisville	Ohio	44641
Massillon, City of	151 Lincolnway East	Massillon	Ohio	44646
Meyers Lake, Village of ¹	1600 Northpark Avenue Northwest	Canton	Ohio	44708
Minerva, Village of	209 North Market Street	Minerva	Ohio	44657
Navarre, Village of	27 Canal Street West	Navarre	Ohio	44662
North Canton, City of	220 West Maple Street	North Canton	Ohio	44720
Stark County, Unincorporated Areas	County Office Building 110 Central Plaza South	Canton	Ohio	44702
Waynesburg, Village of	141 East Lisbon Street	Waynesburg	Ohio	44688
Wilmot, Village of ¹	110 Central Plaza South	Canton	Ohio	44702

¹ No Special Flood Hazard Areas identified

ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES

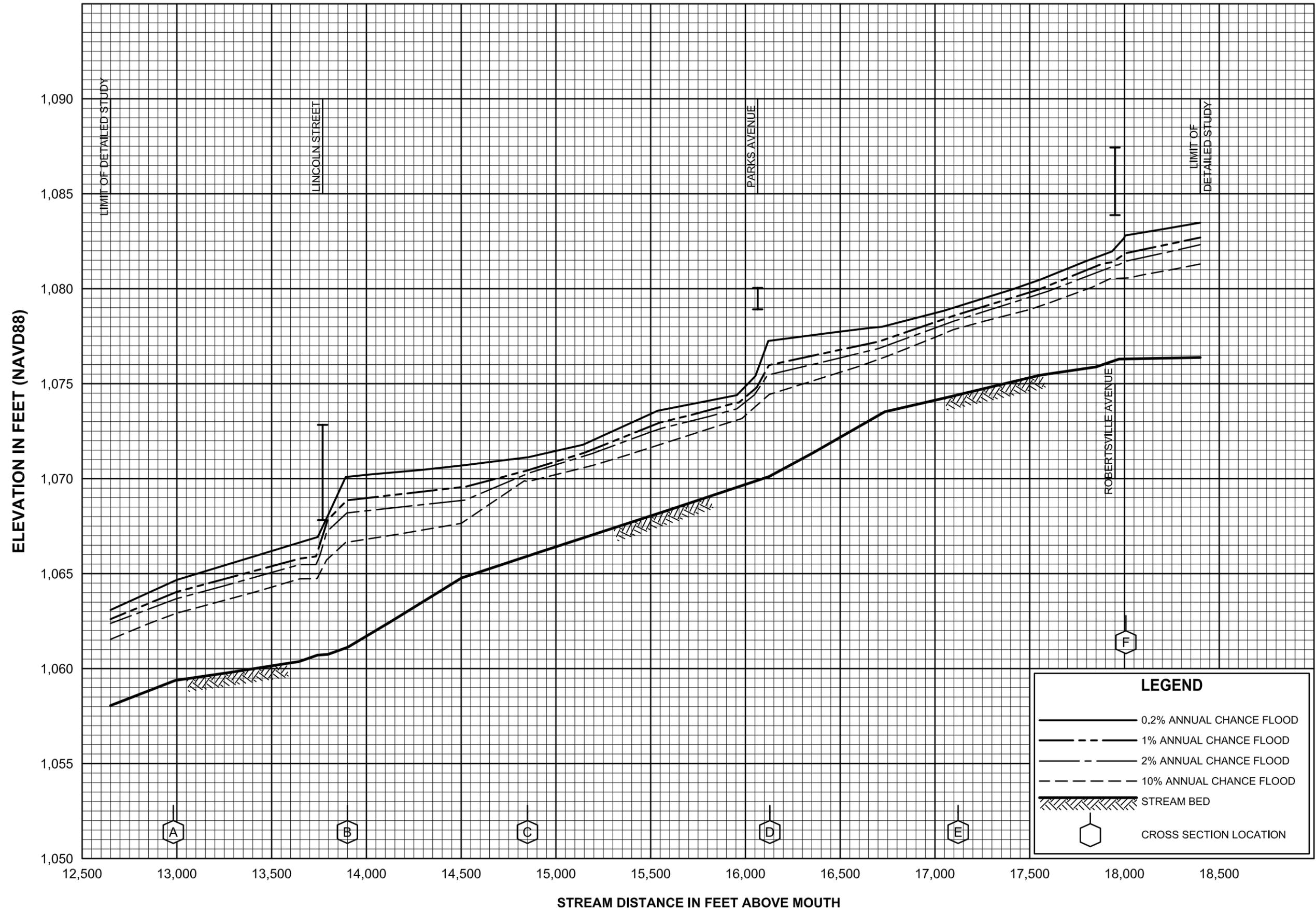
BEECH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

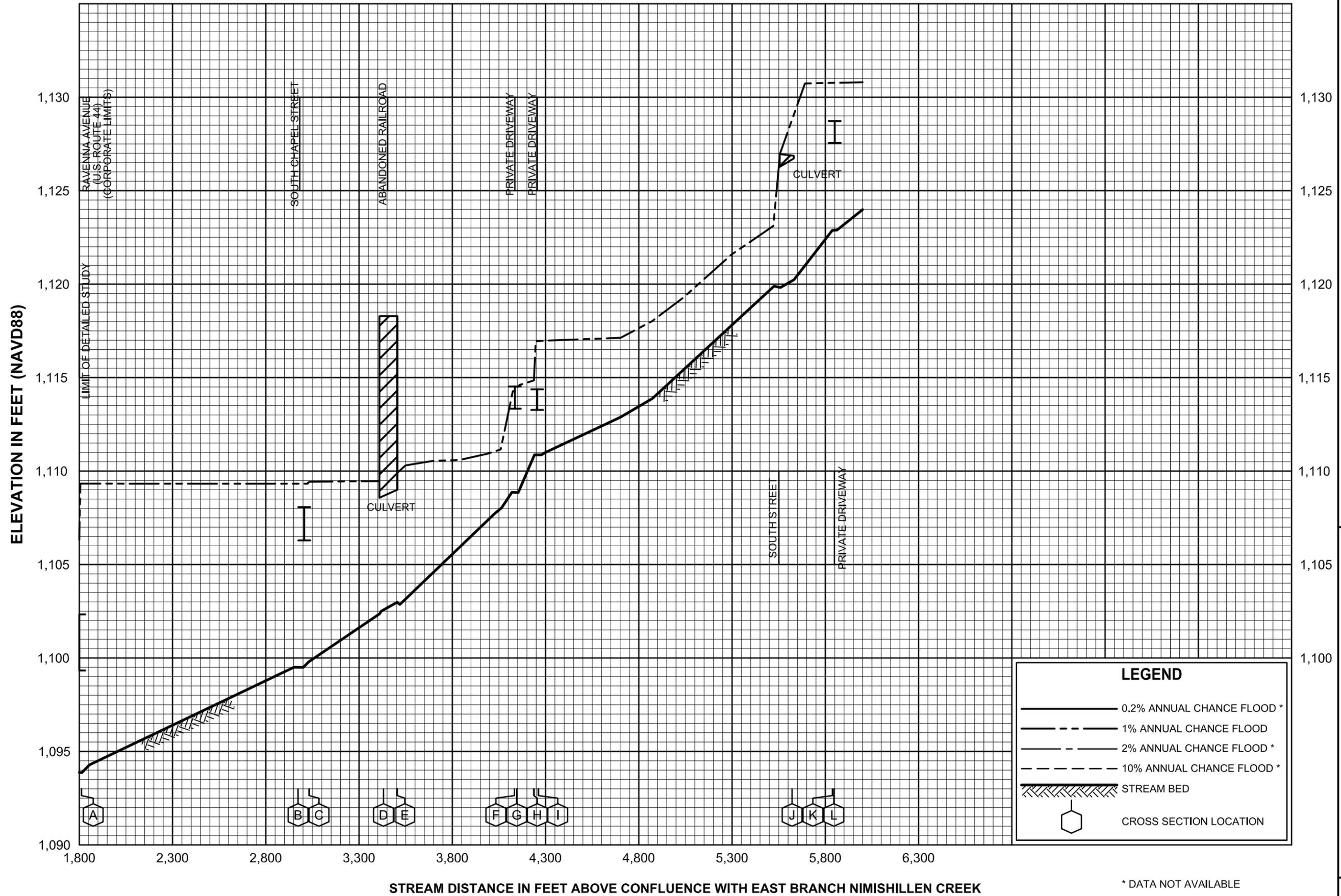
AND INCORPORATED AREAS

01P



FLOOD PROFILES
BLACK RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



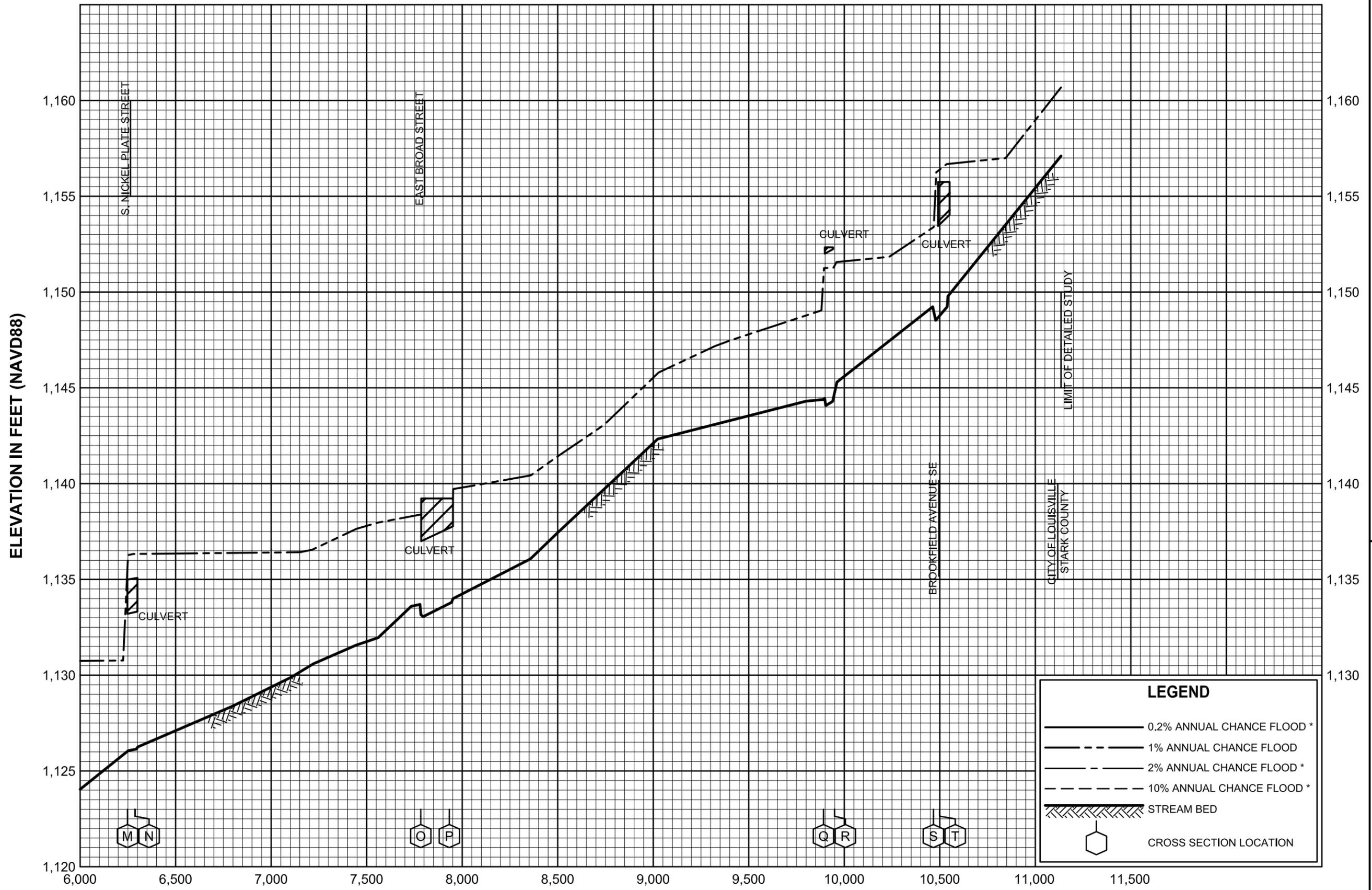
FLOOD PROFILES

BROAD-MONTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH EAST BRANCH NIMISHILLEN CREEK

LEGEND

- 0.2% ANNUAL CHANGE FLOOD *
- - - 1% ANNUAL CHANGE FLOOD
- · - · 2% ANNUAL CHANGE FLOOD *
- · · · 10% ANNUAL CHANGE FLOOD *
- ▨ STREAM BED
- CROSS SECTION LOCATION

* DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

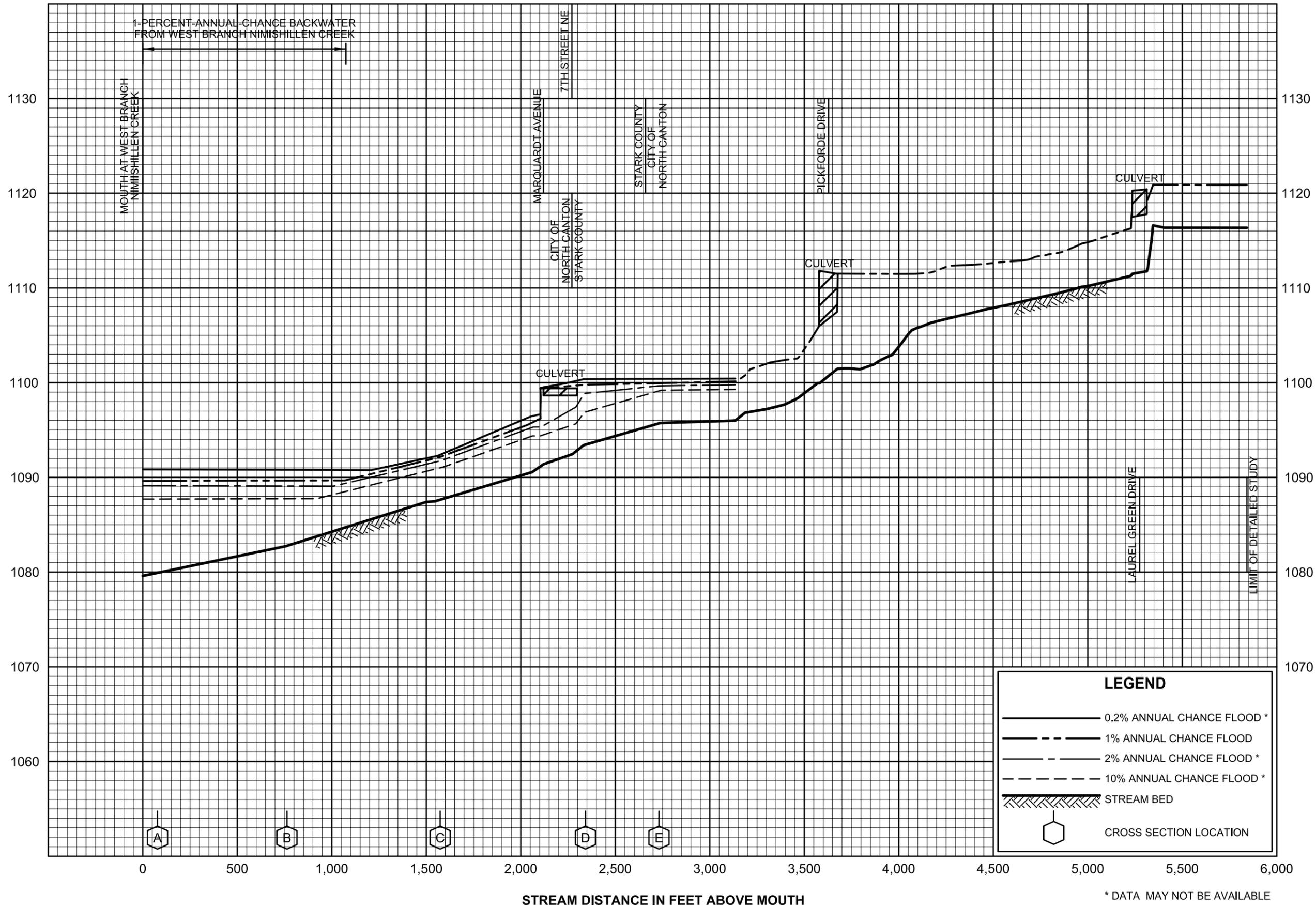
AND INCORPORATED AREAS

FLOOD PROFILES

BROAD-MONTER CREEK

04P

ELEVATION IN FEET (NAVD88)



LEGEND

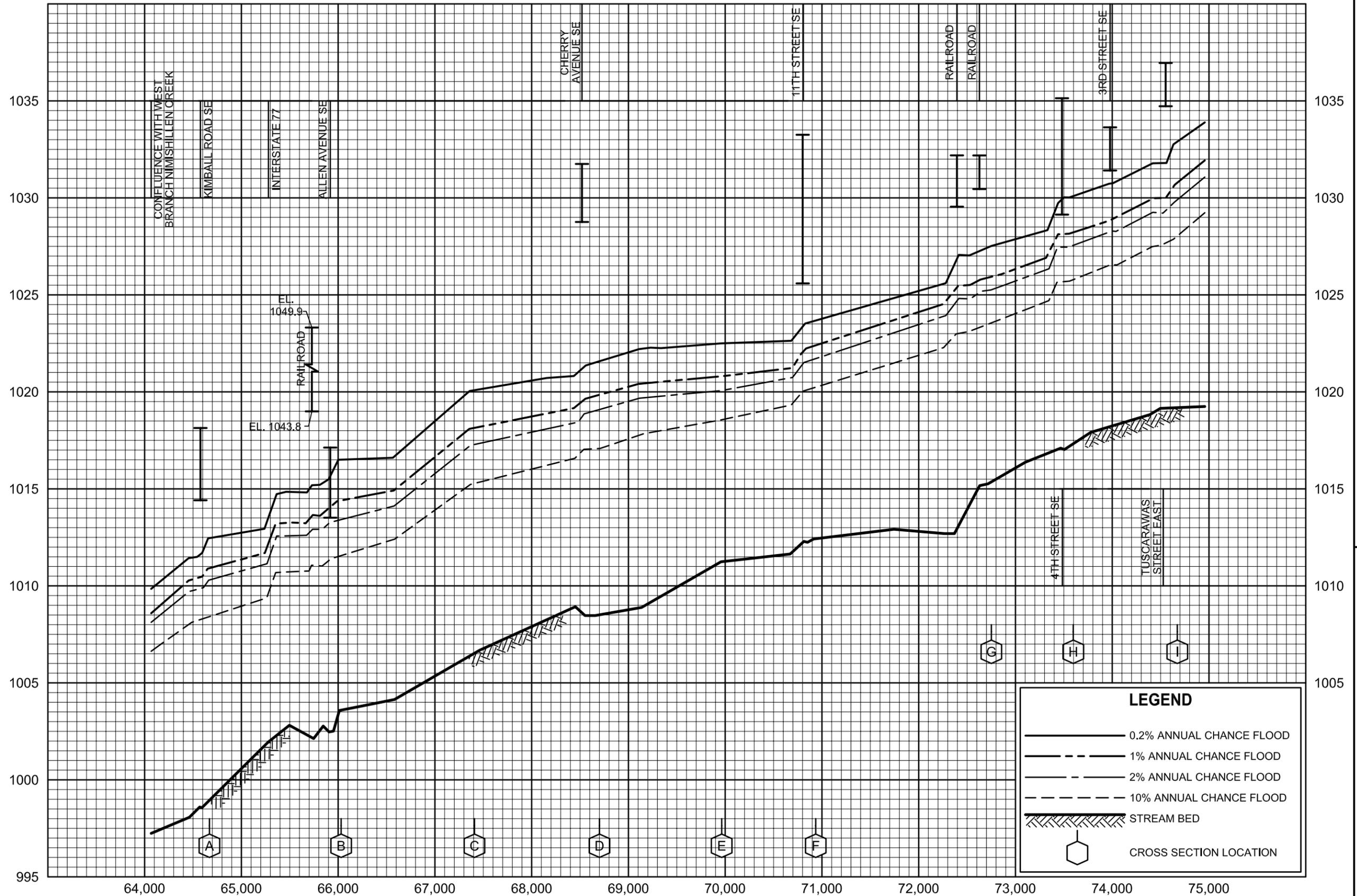
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- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD *
- 10% ANNUAL CHANCE FLOOD *
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES
CHATHAM DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

* DATA MAY NOT BE AVAILABLE

ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE MOUTH OF NIMISHILLEN CREEK

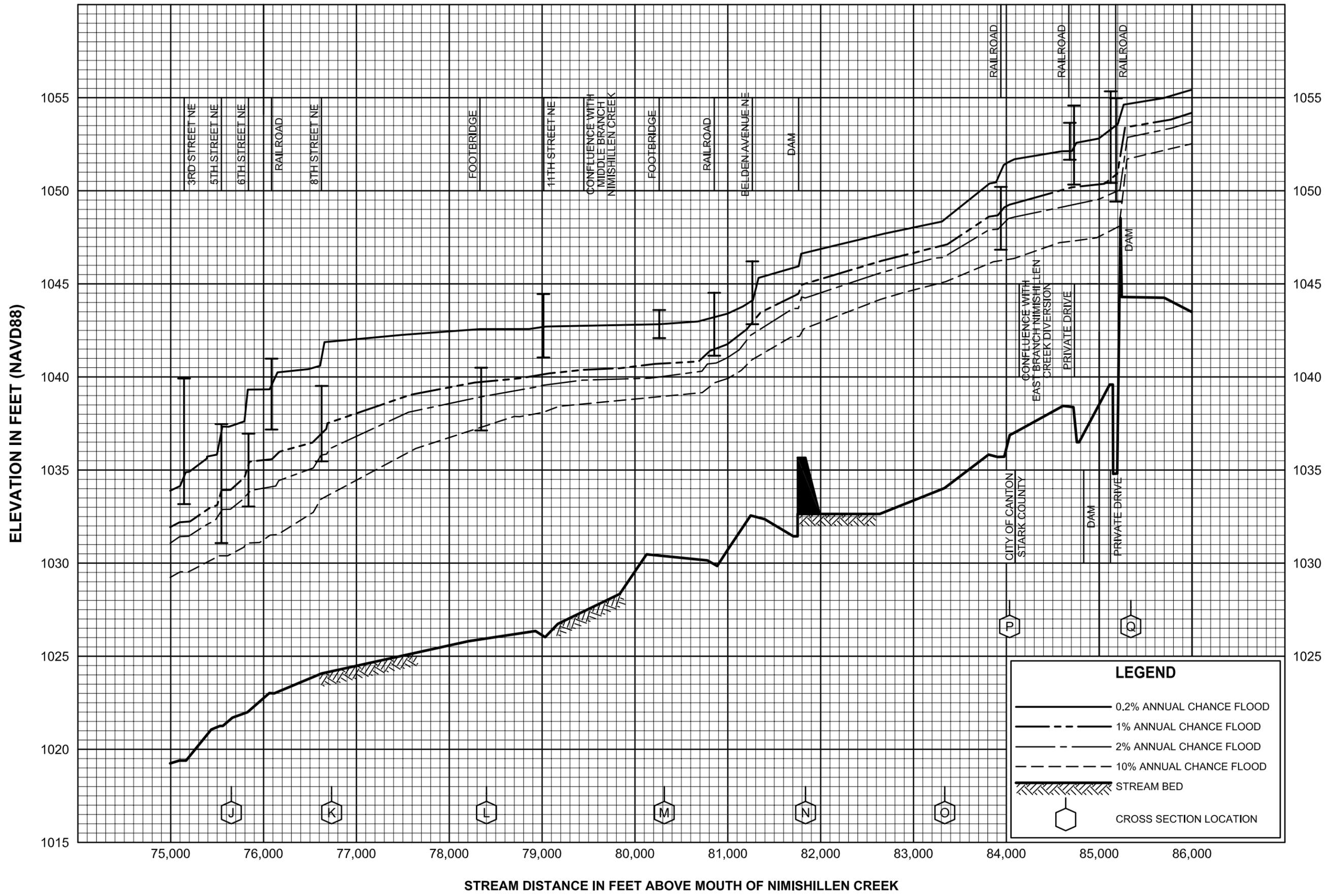
FLOOD PROFILES

EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

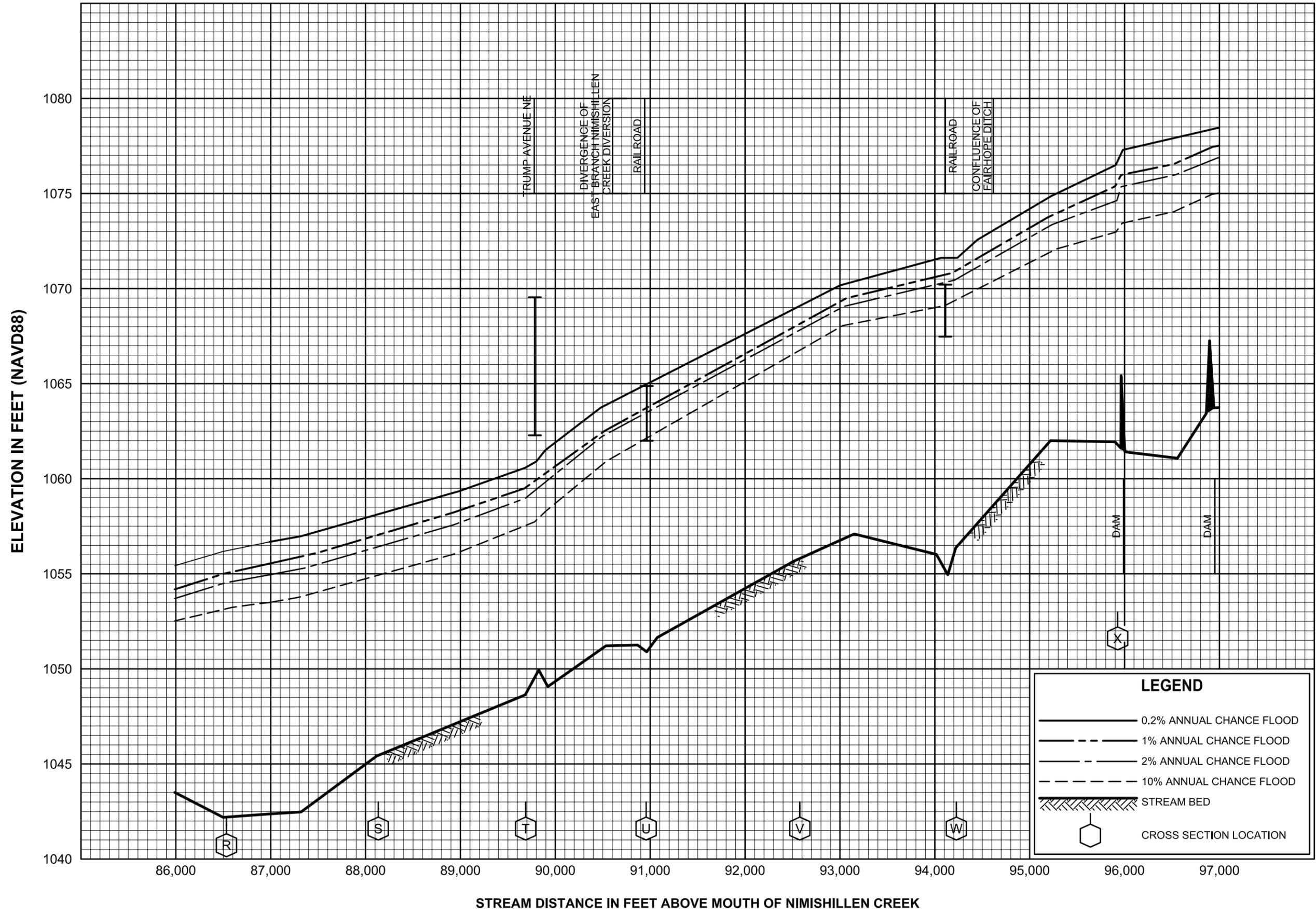
STARK COUNTY, OHIO

AND INCORPORATED AREAS



FLOOD PROFILES
EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



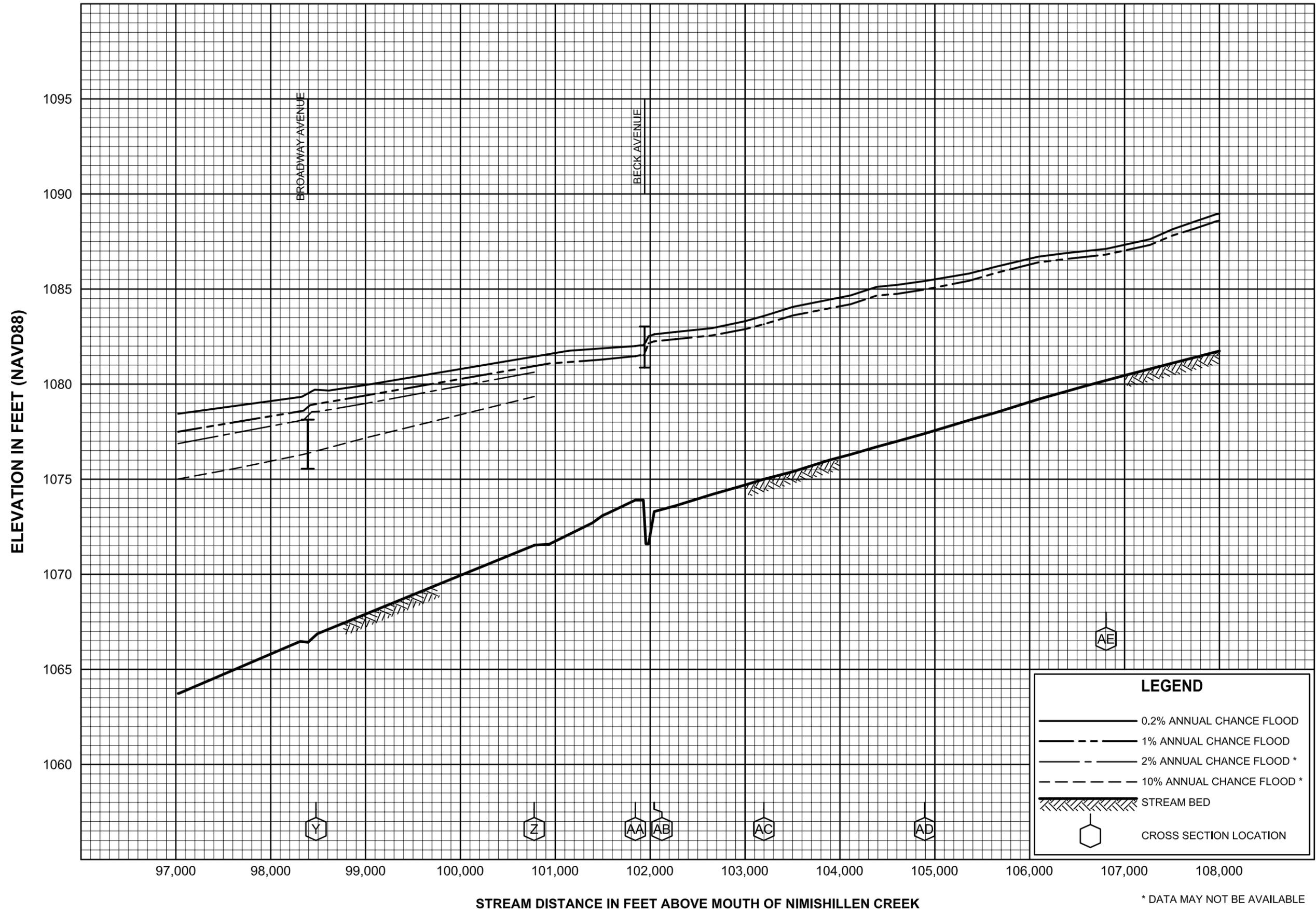
FLOOD PROFILES

EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



LEGEND

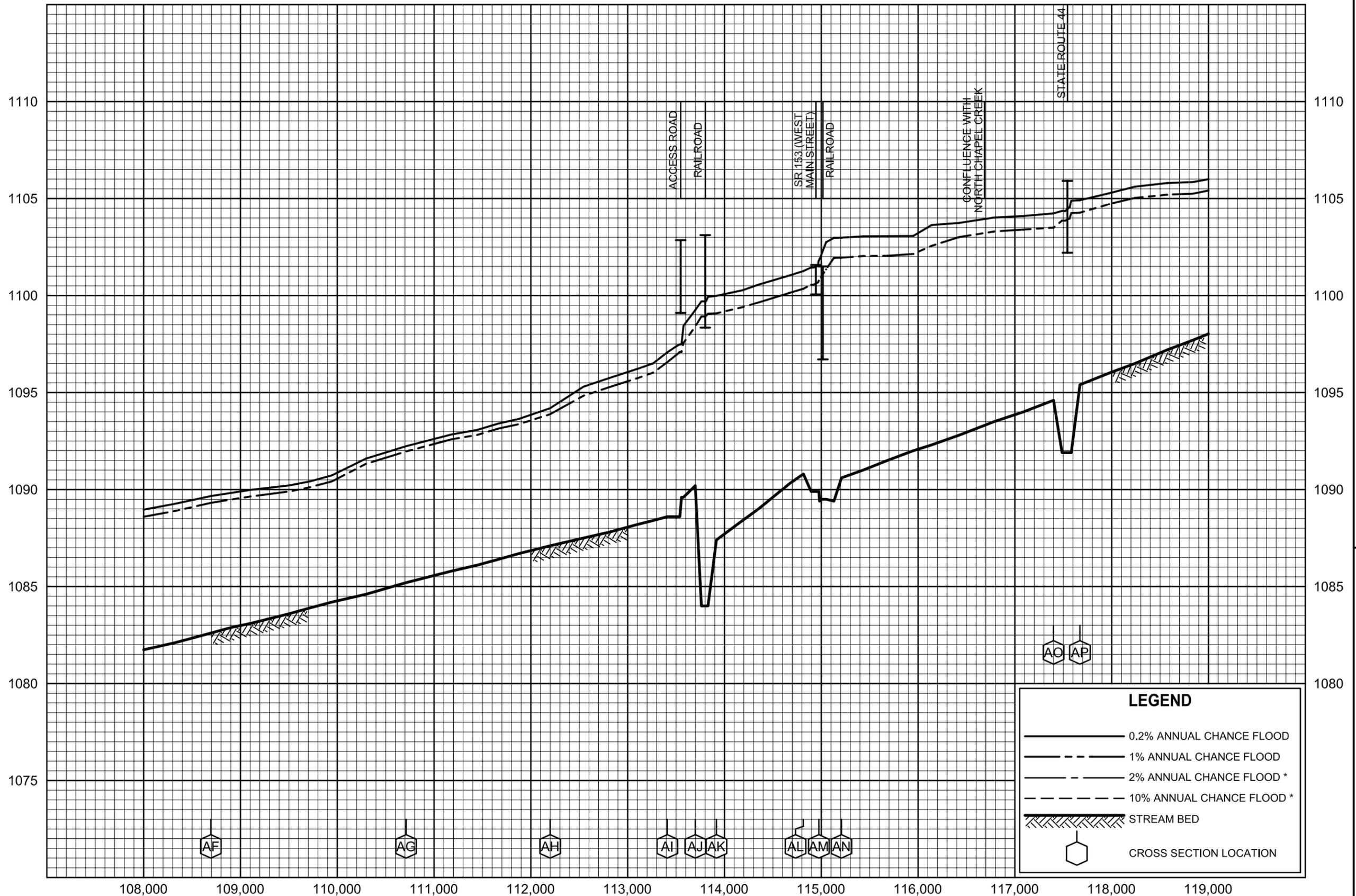
- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD *
- - - - 10% ANNUAL CHANCE FLOOD *
- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

FLOOD PROFILES
EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

* DATA MAY NOT BE AVAILABLE

ELEVATION IN FEET (NAVD88)



108,000 109,000 110,000 111,000 112,000 113,000 114,000 115,000 116,000 117,000 118,000 119,000

STREAM DISTANCE IN FEET ABOVE MOUTH OF NIMISHILLEN CREEK

* DATA NOT AVAILABLE

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

EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

11P

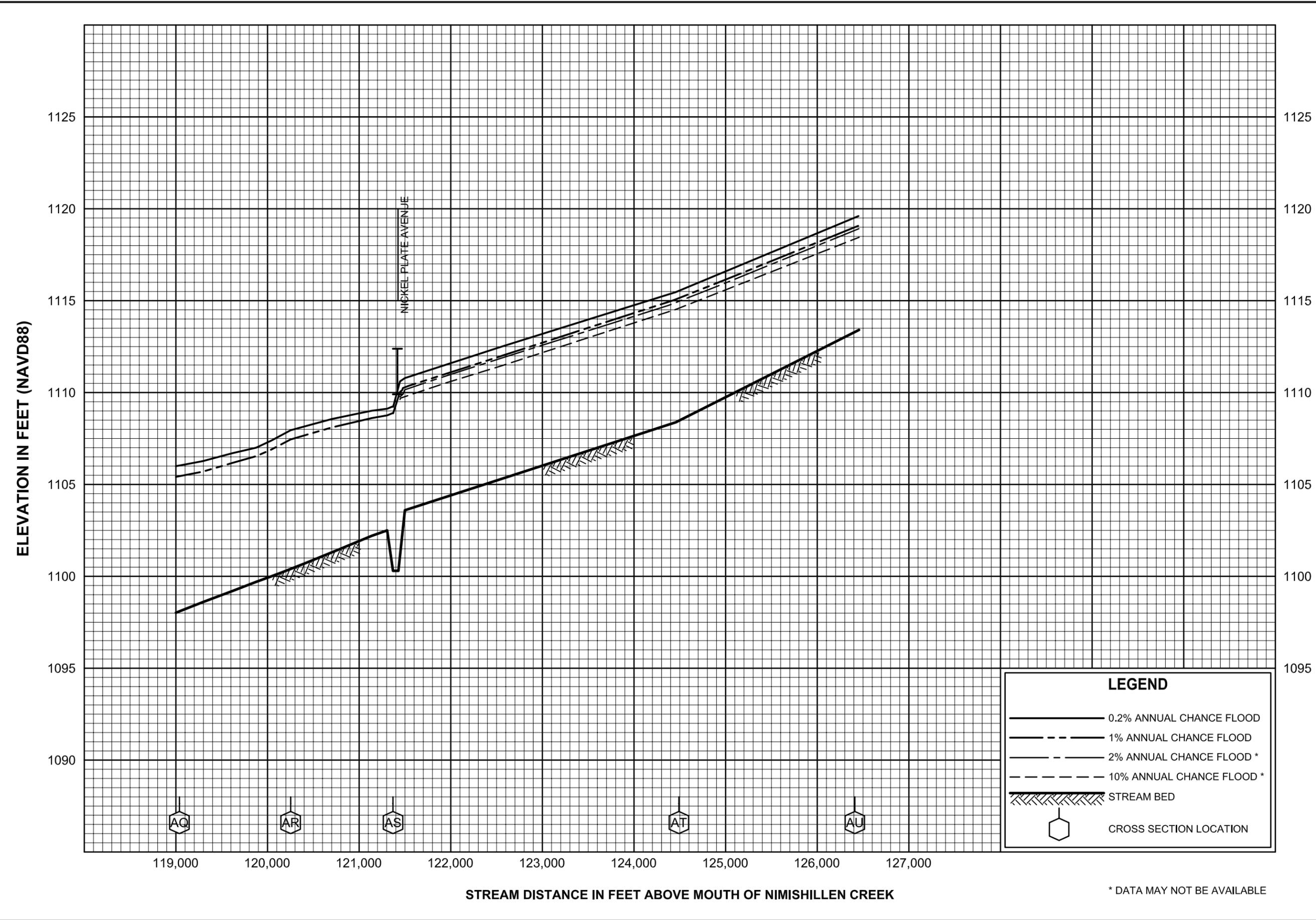
FLOOD PROFILES

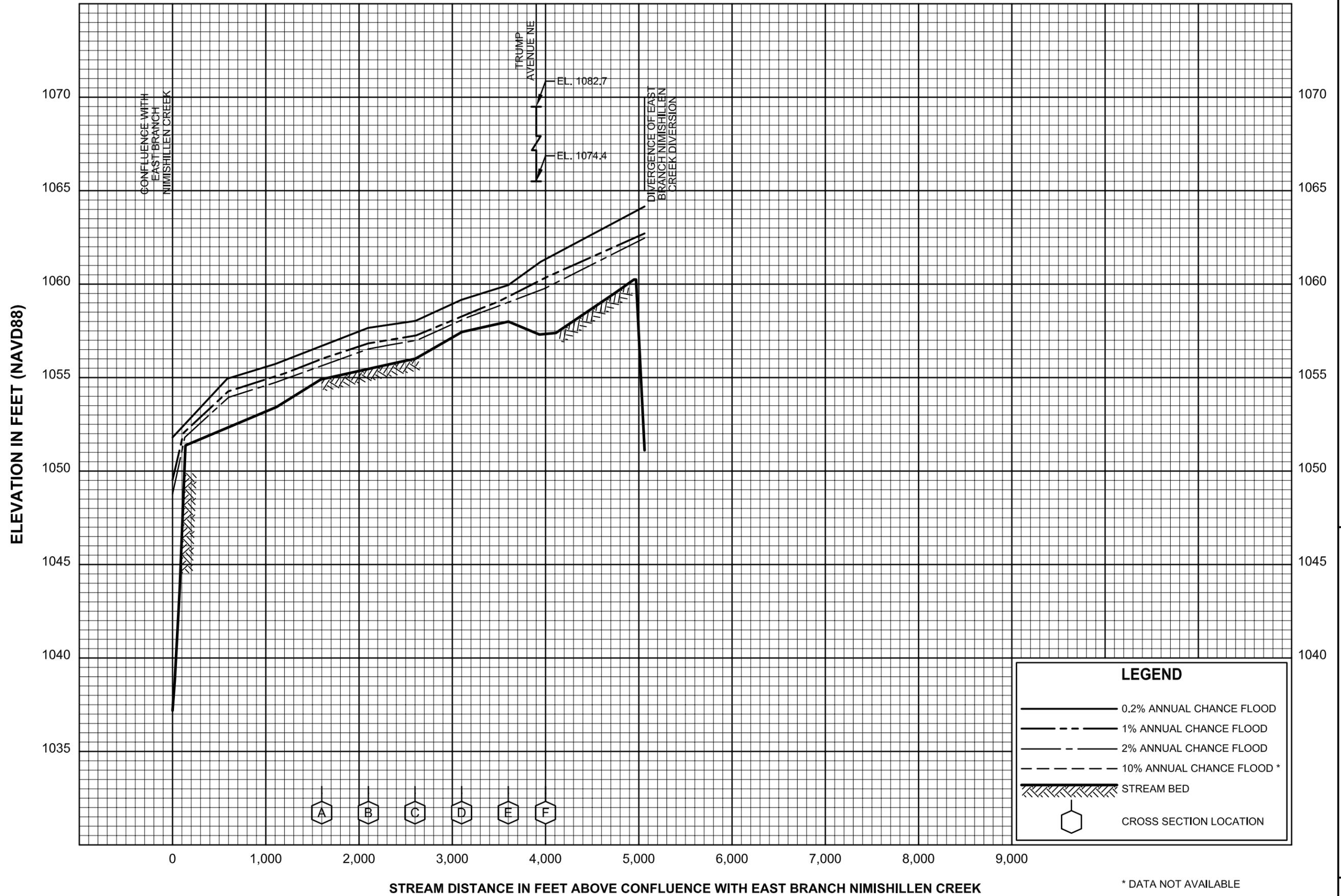
EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS





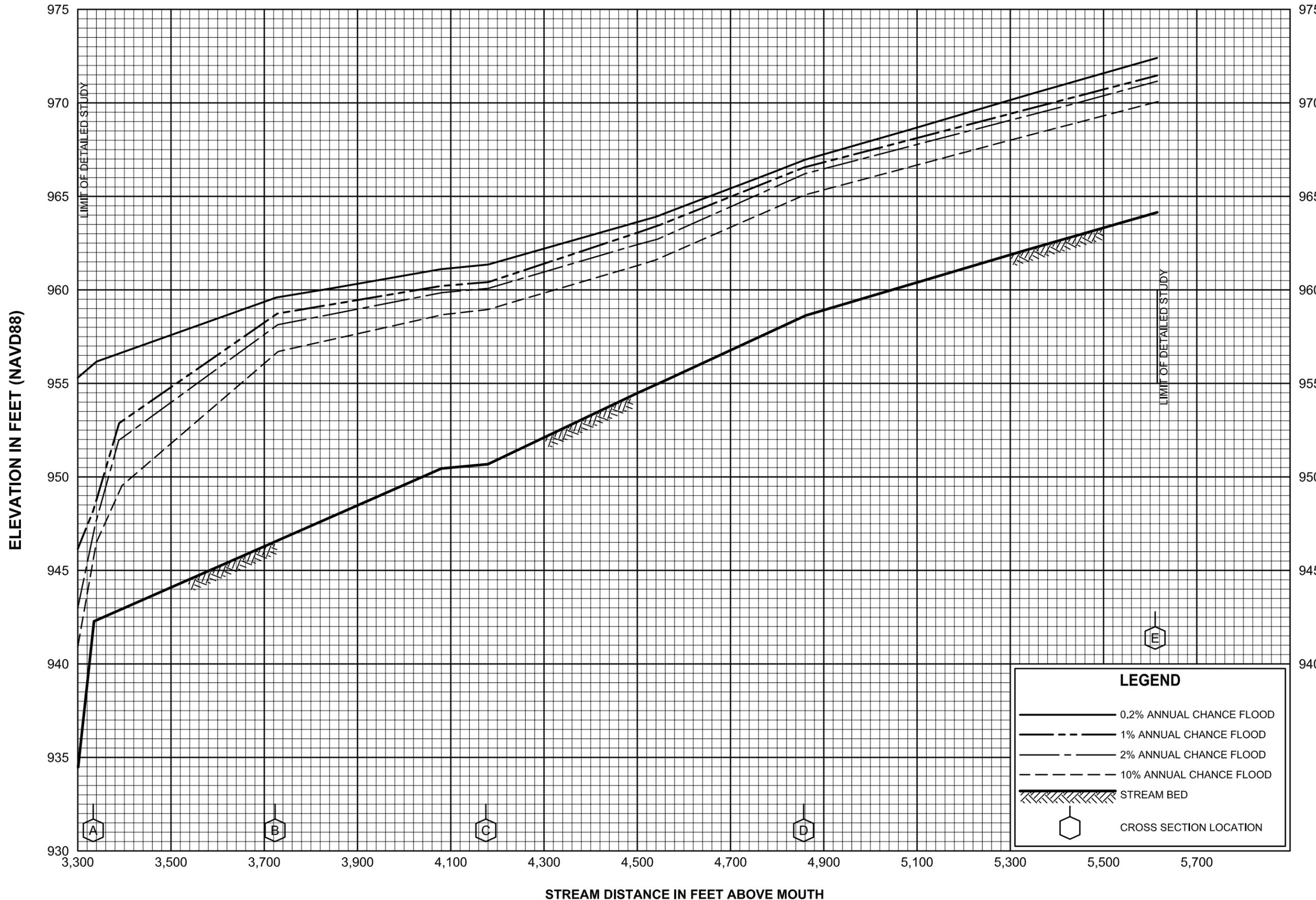
FLOOD PROFILES

EAST BRANCH NIMISHILLEN CREEK DIVERSION

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

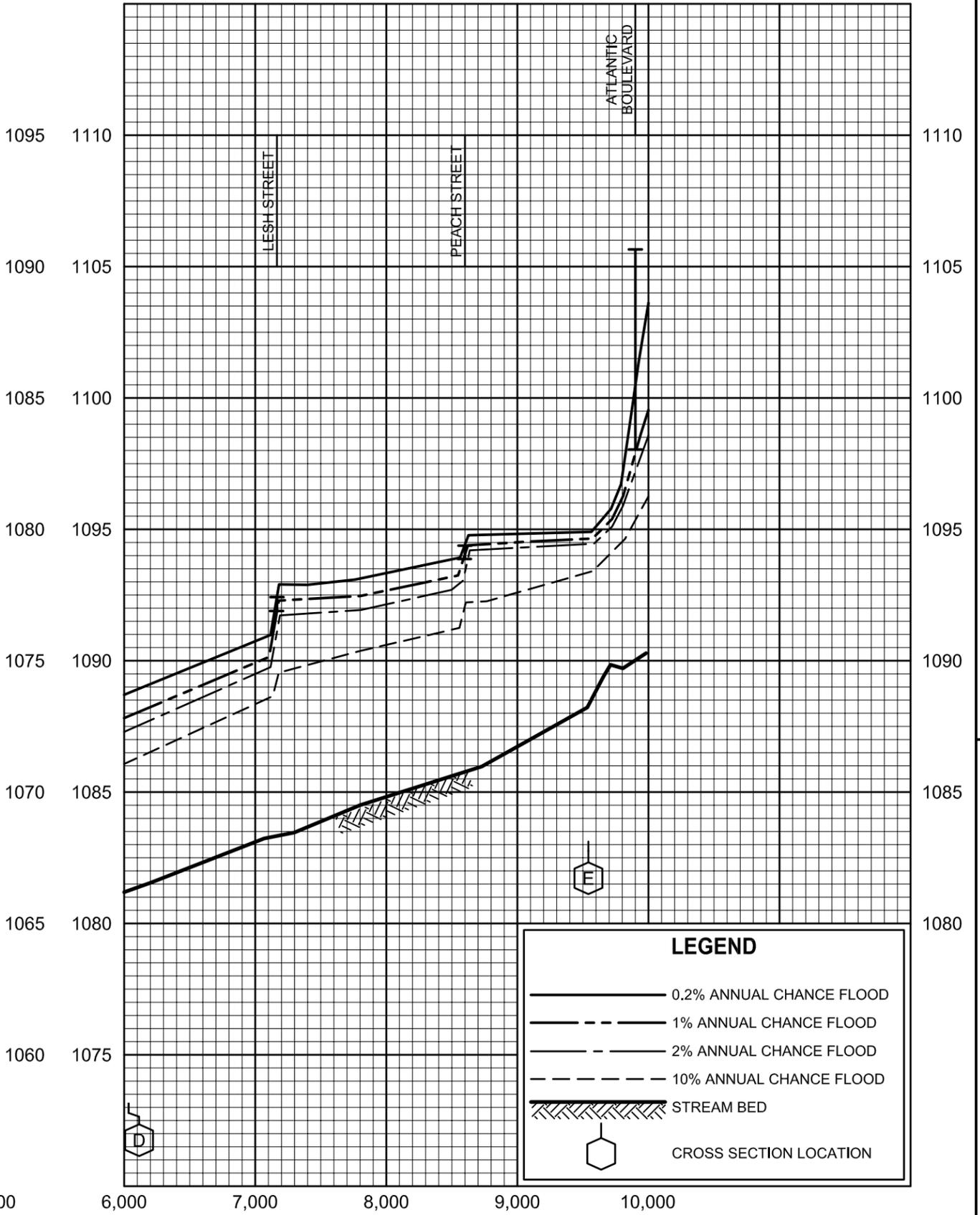
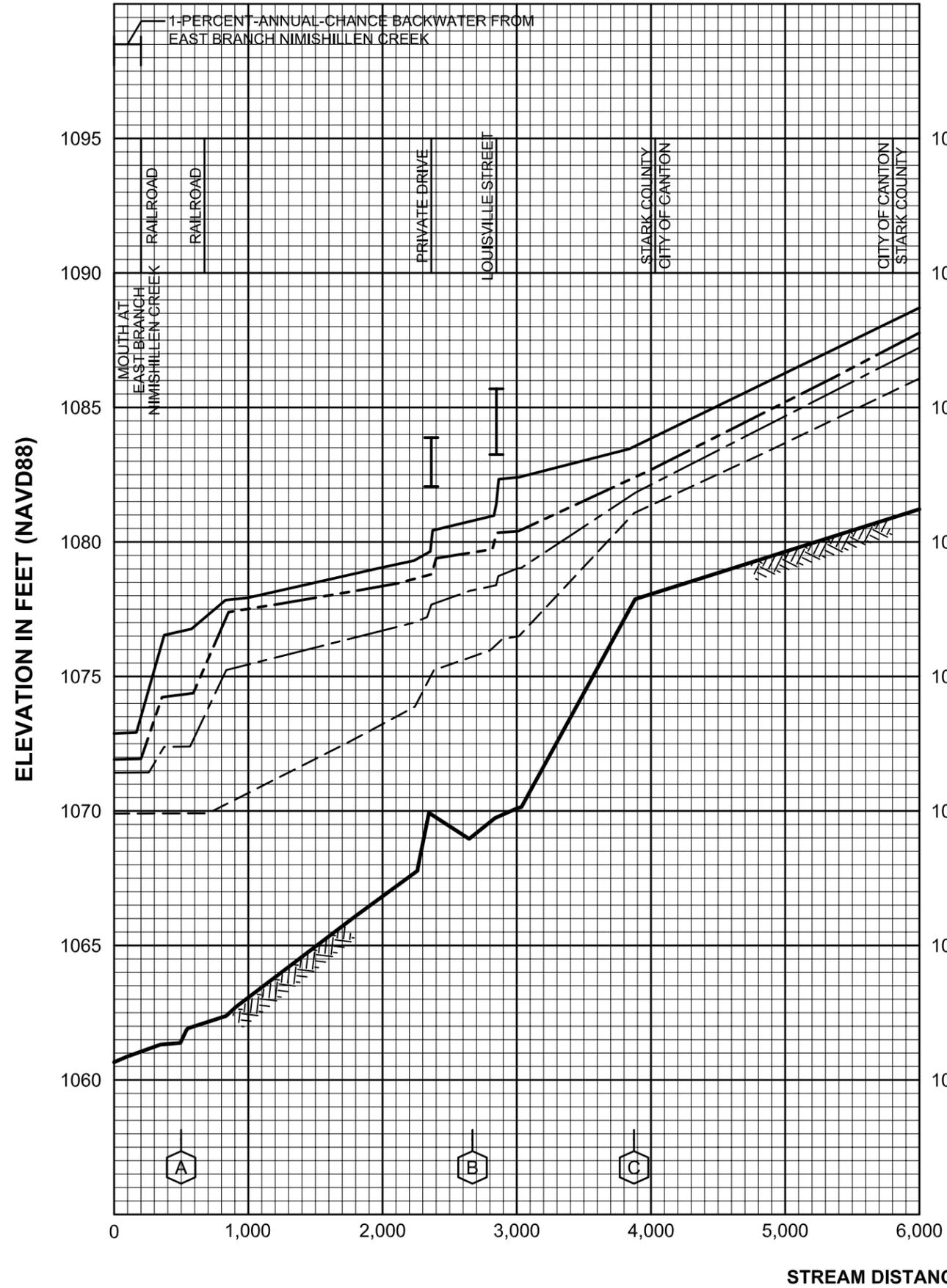
STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

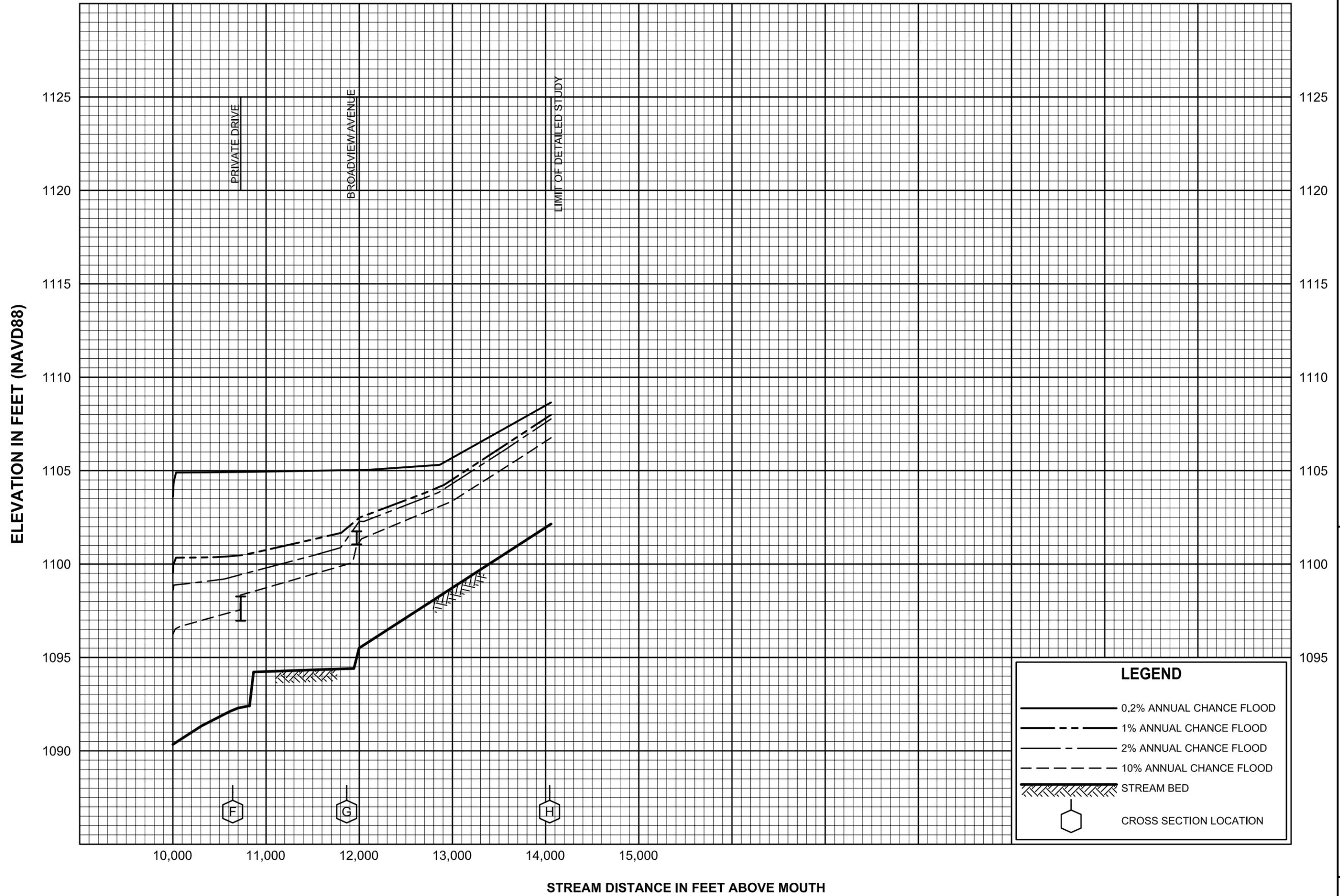
**FLOOD PROFILES
EAST SIPPO CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



FLOOD PROFILES
FAIRHOPE DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



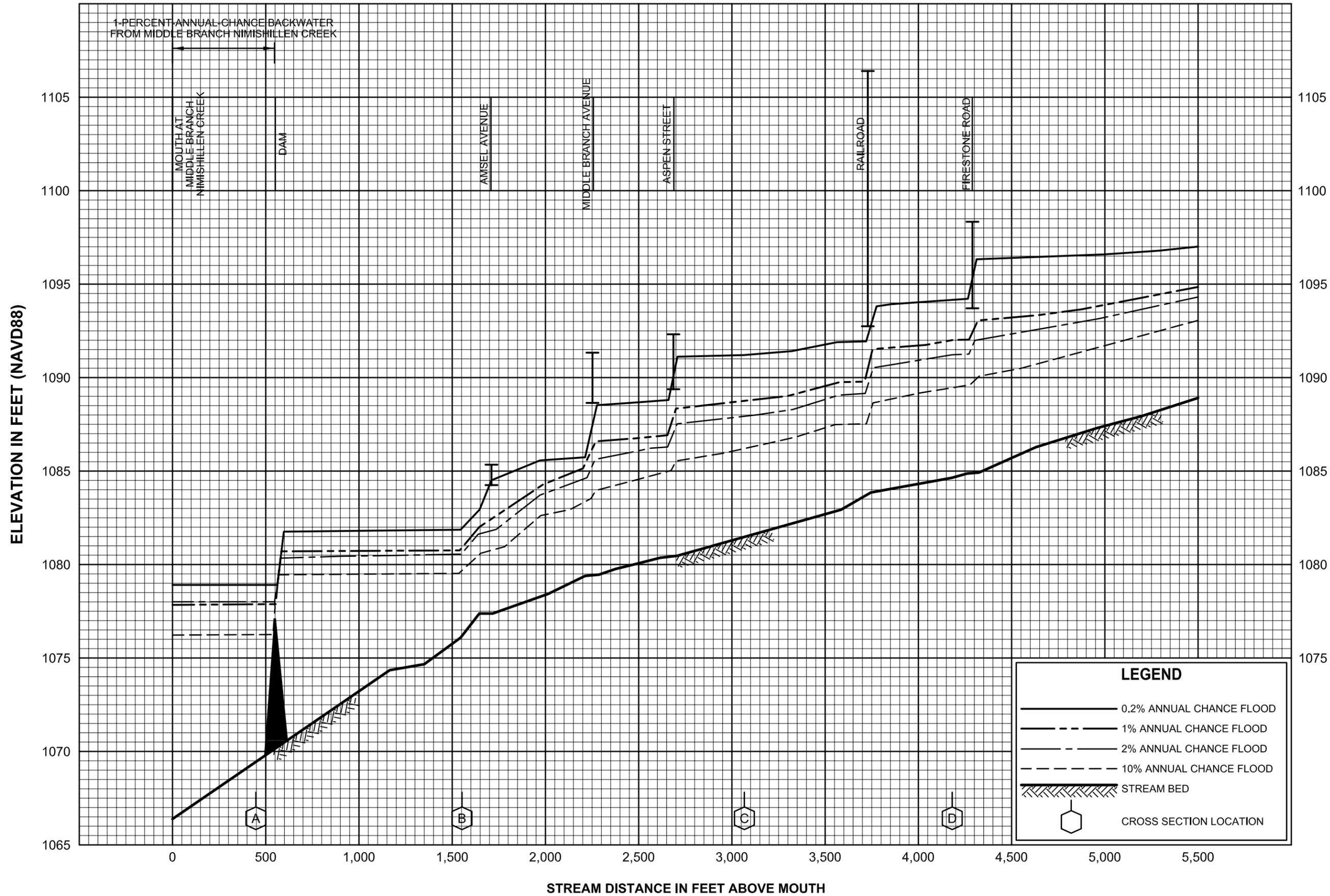
FLOOD PROFILES

FAIRHOPE DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

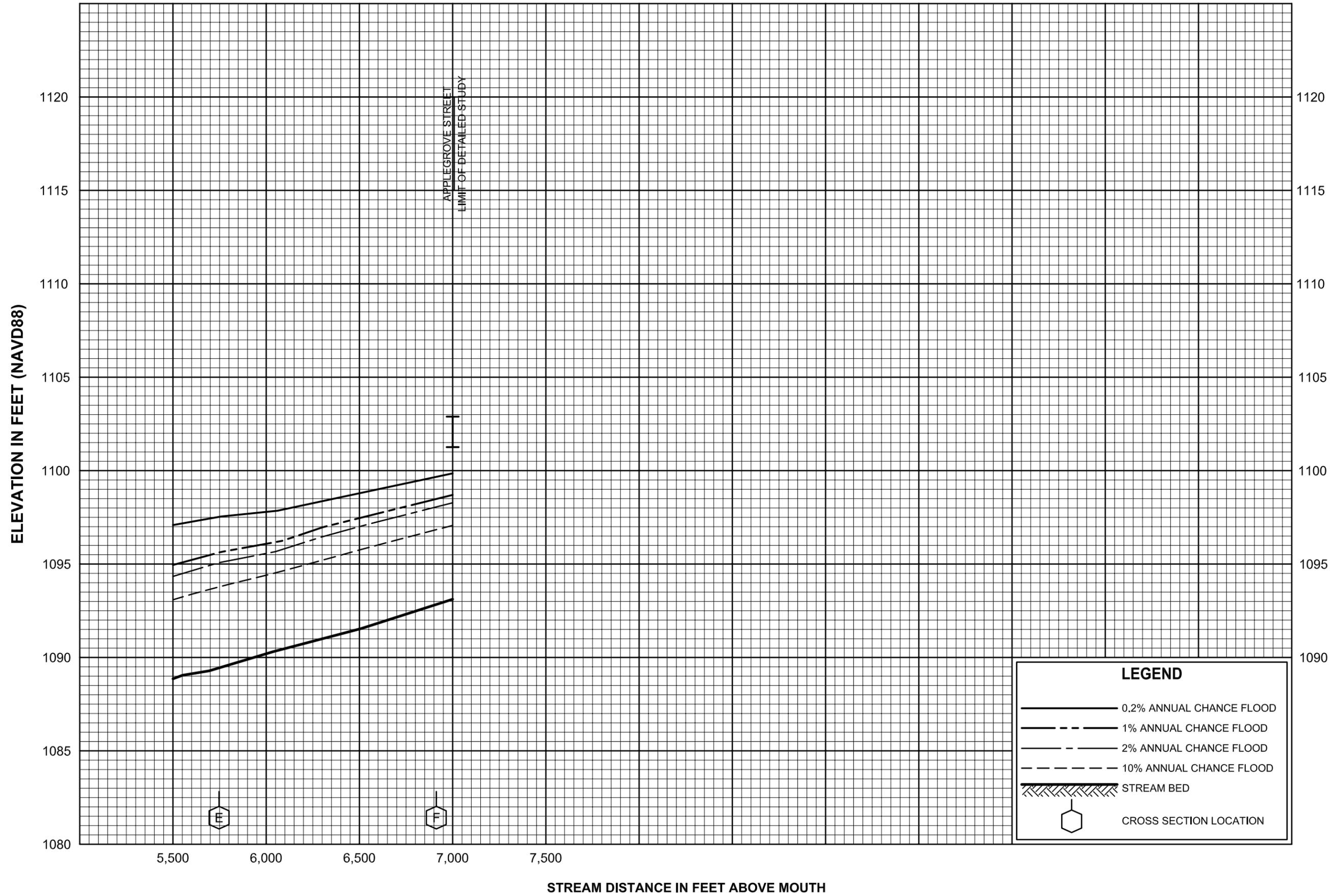
STARK COUNTY, OHIO

AND INCORPORATED AREAS



FLOOD PROFILES
FIRESTONE DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



FLOOD PROFILES

FIRESTONE DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



LEGEND

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

FLOOD PROFILES

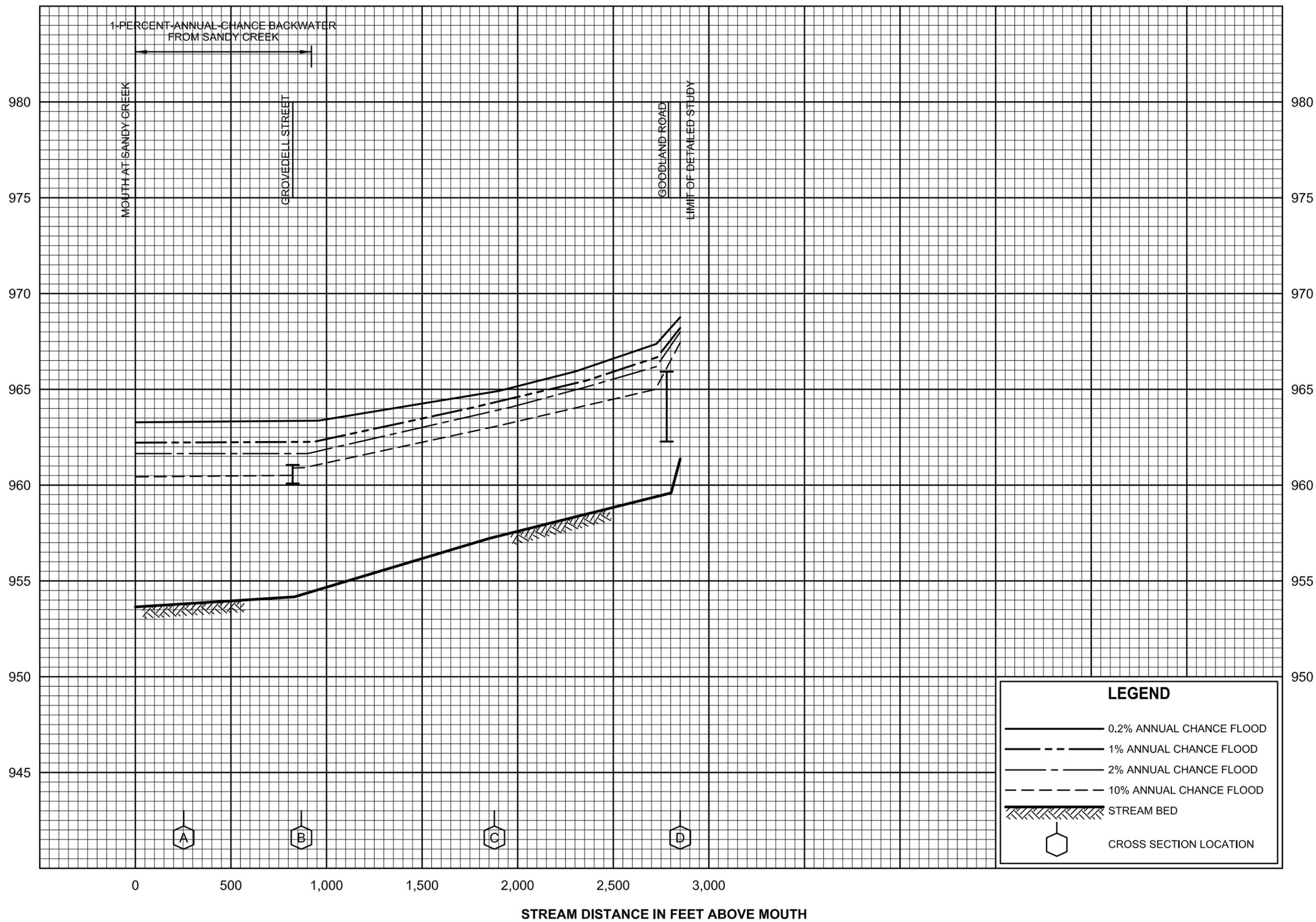
HAYDEN DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



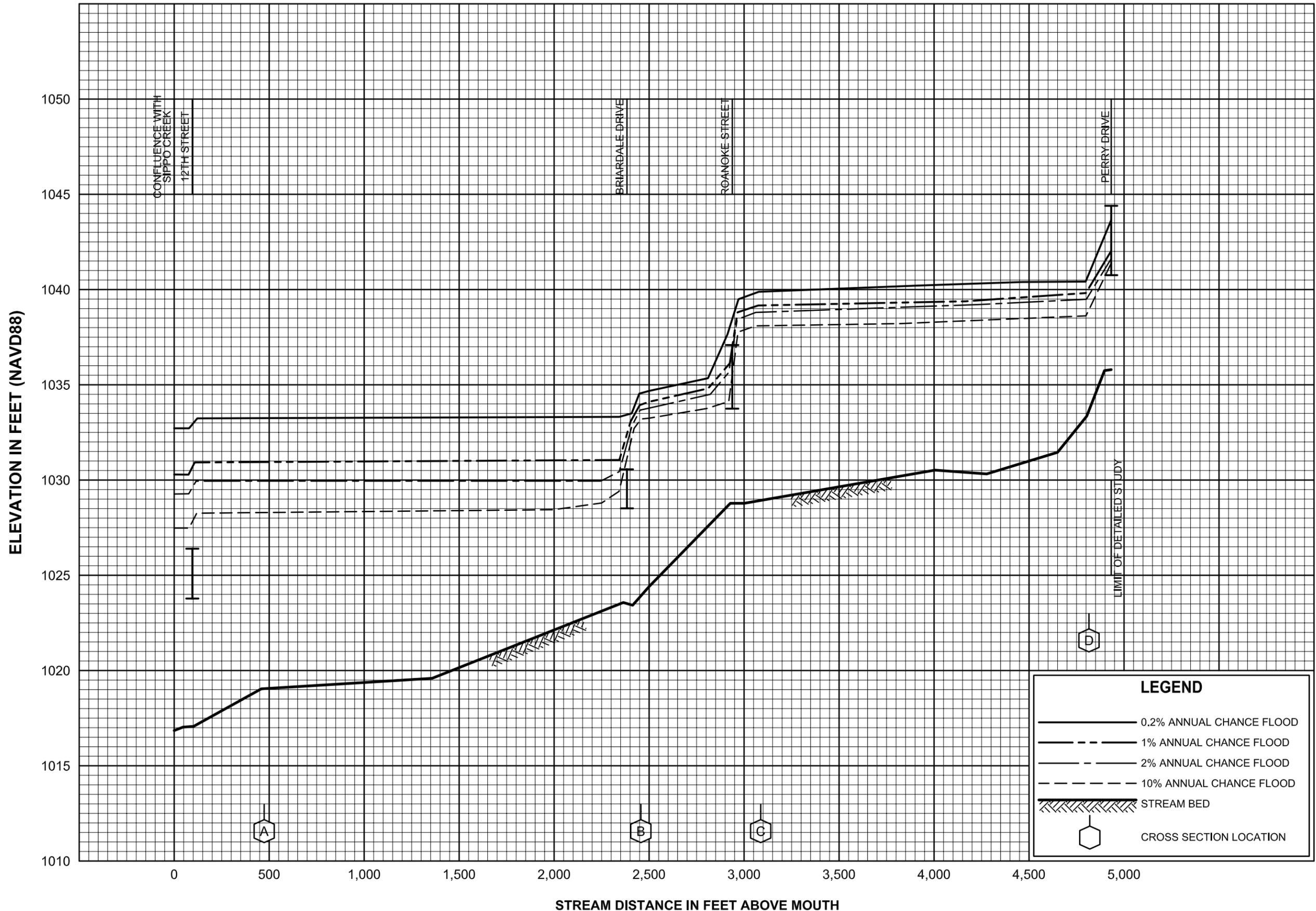
FLOOD PROFILES

INDIAN RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

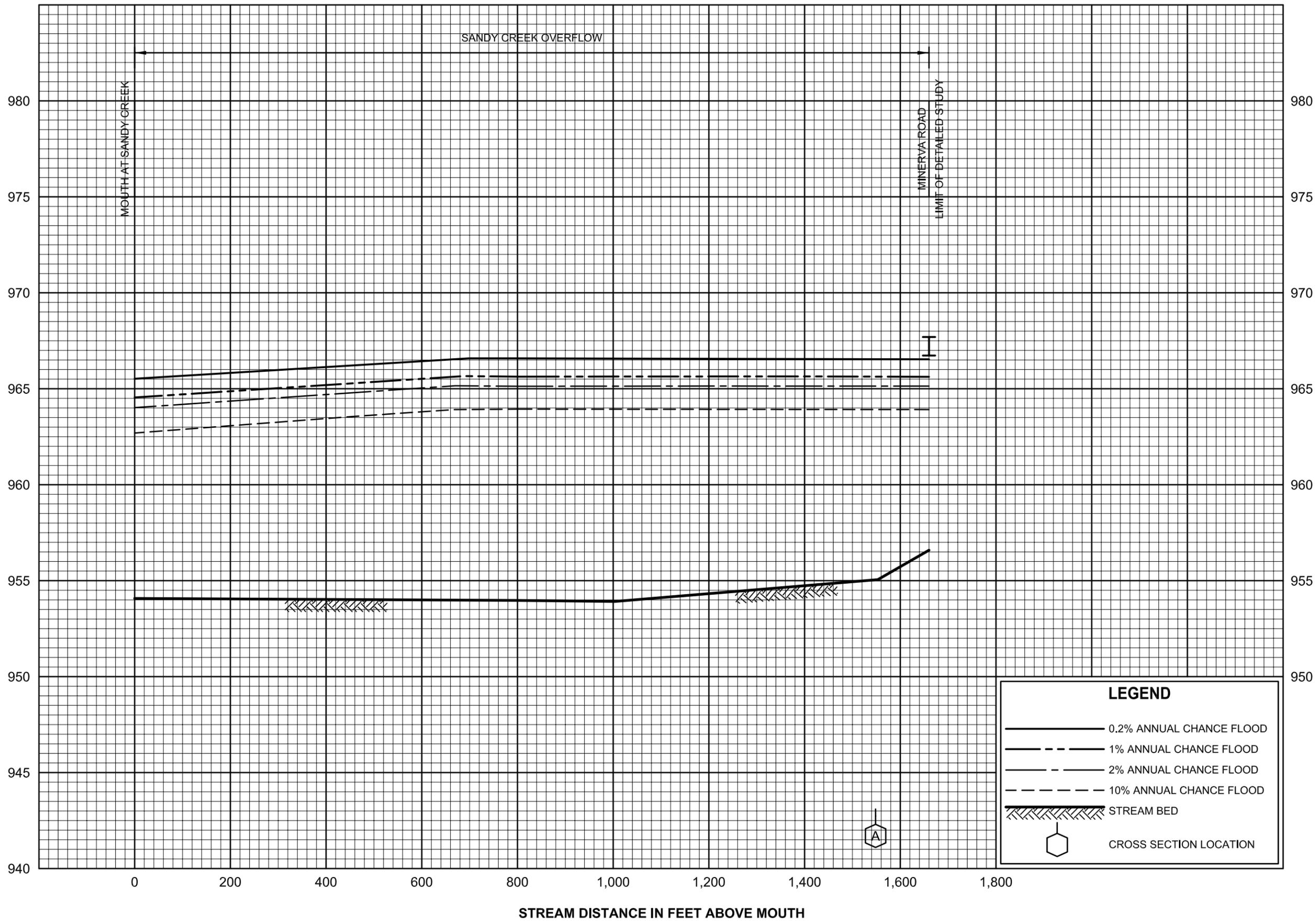
AND INCORPORATED AREAS



FLOOD PROFILES
JOHNEY DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



LEGEND

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

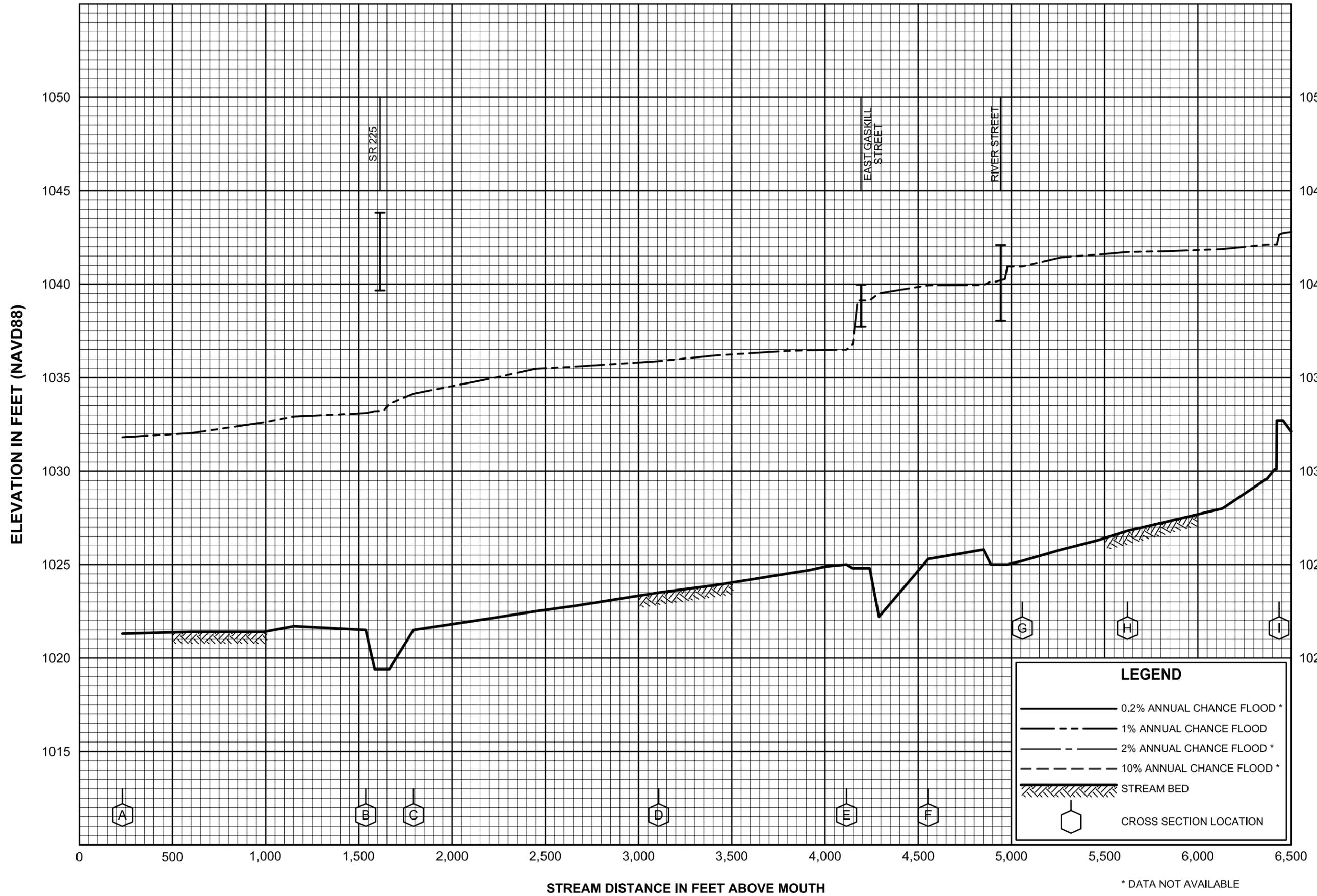
FLOOD PROFILES

LITTLE SANDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

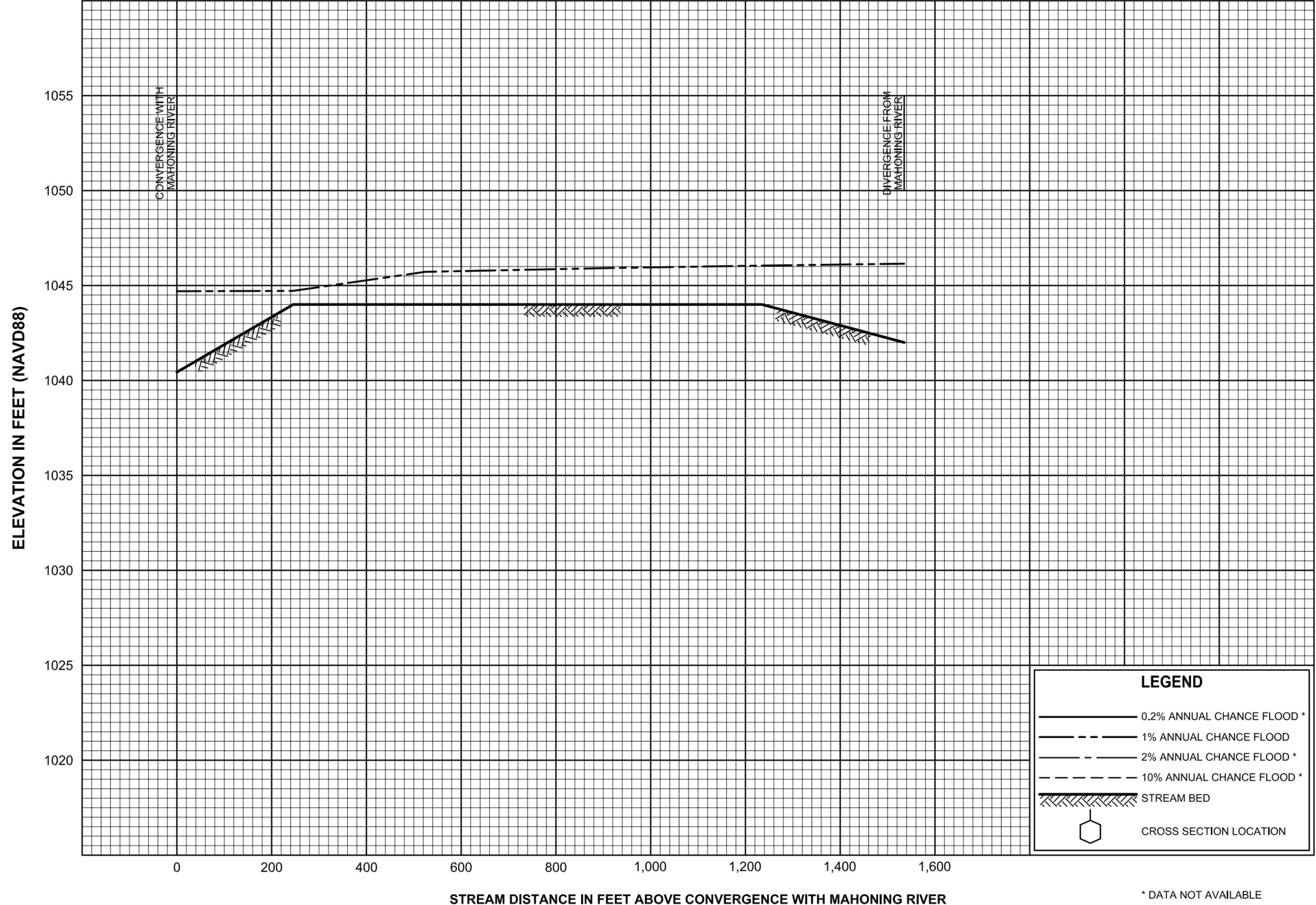
STARK COUNTY, OHIO

AND INCORPORATED AREAS



**FLOOD PROFILES
MAHONING RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



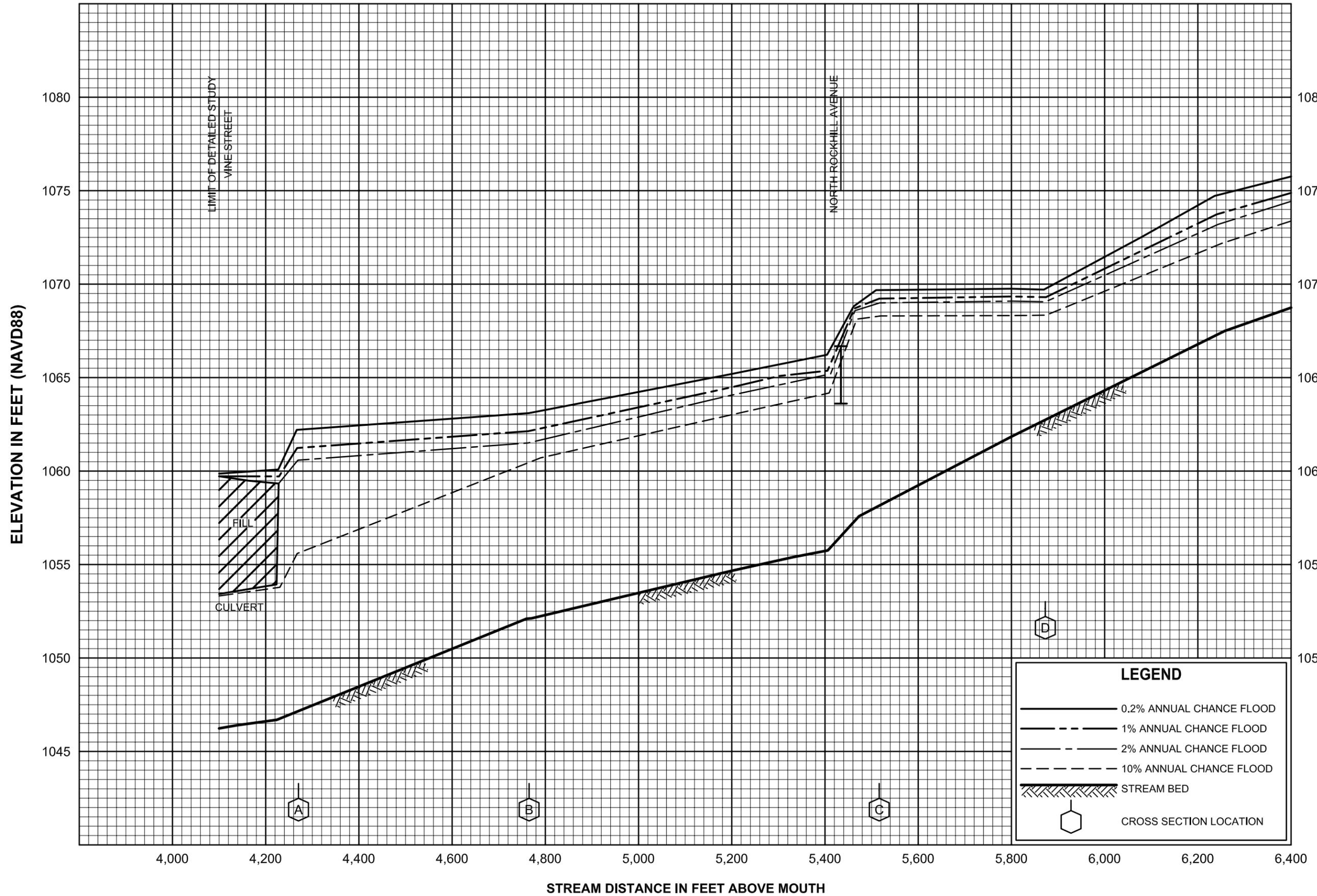
LEGEND

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

* DATA NOT AVAILABLE

**FLOOD PROFILES
MAHONING RIVER OVERFLOW**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



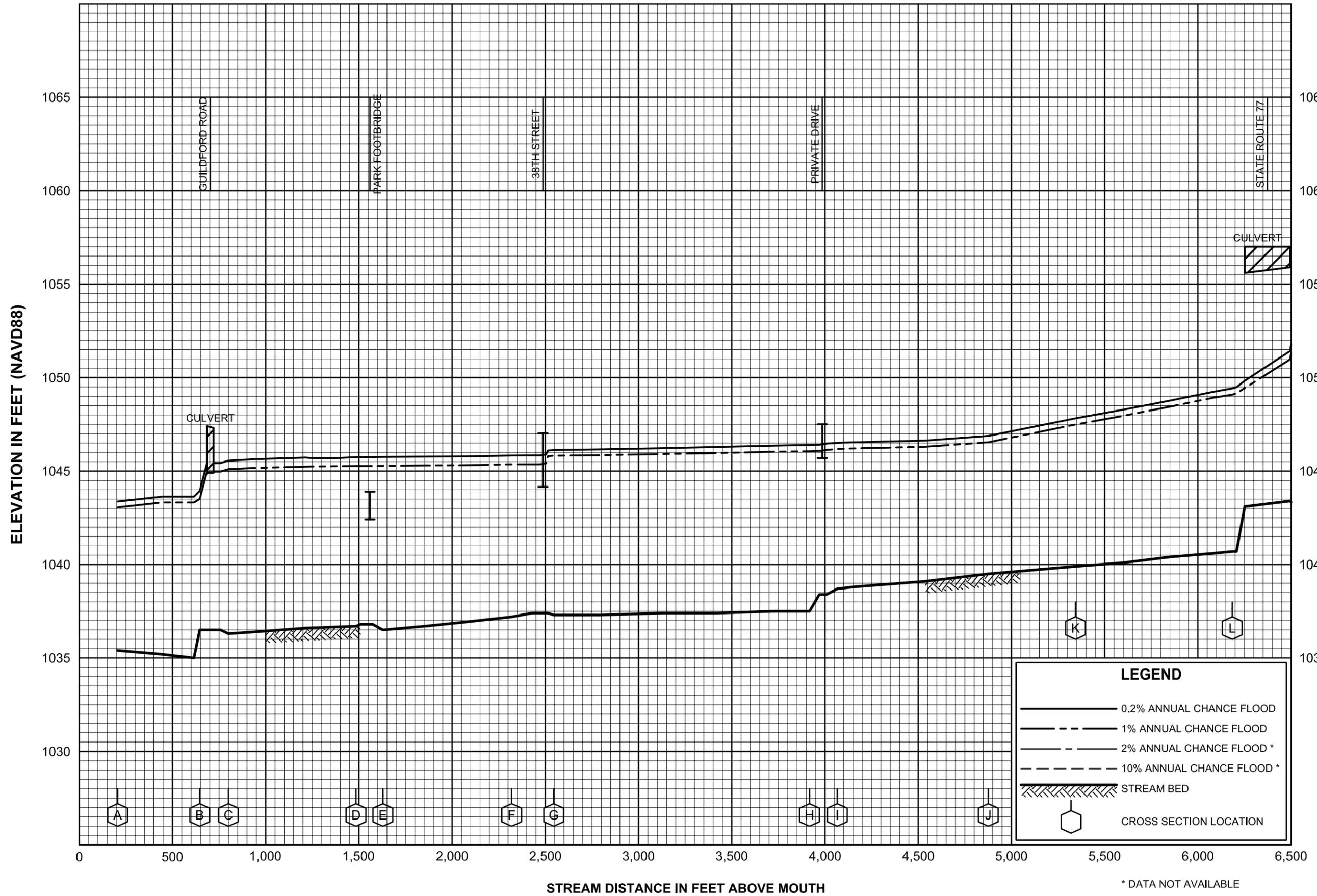
FLOOD PROFILES

MAHONING RIVER TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

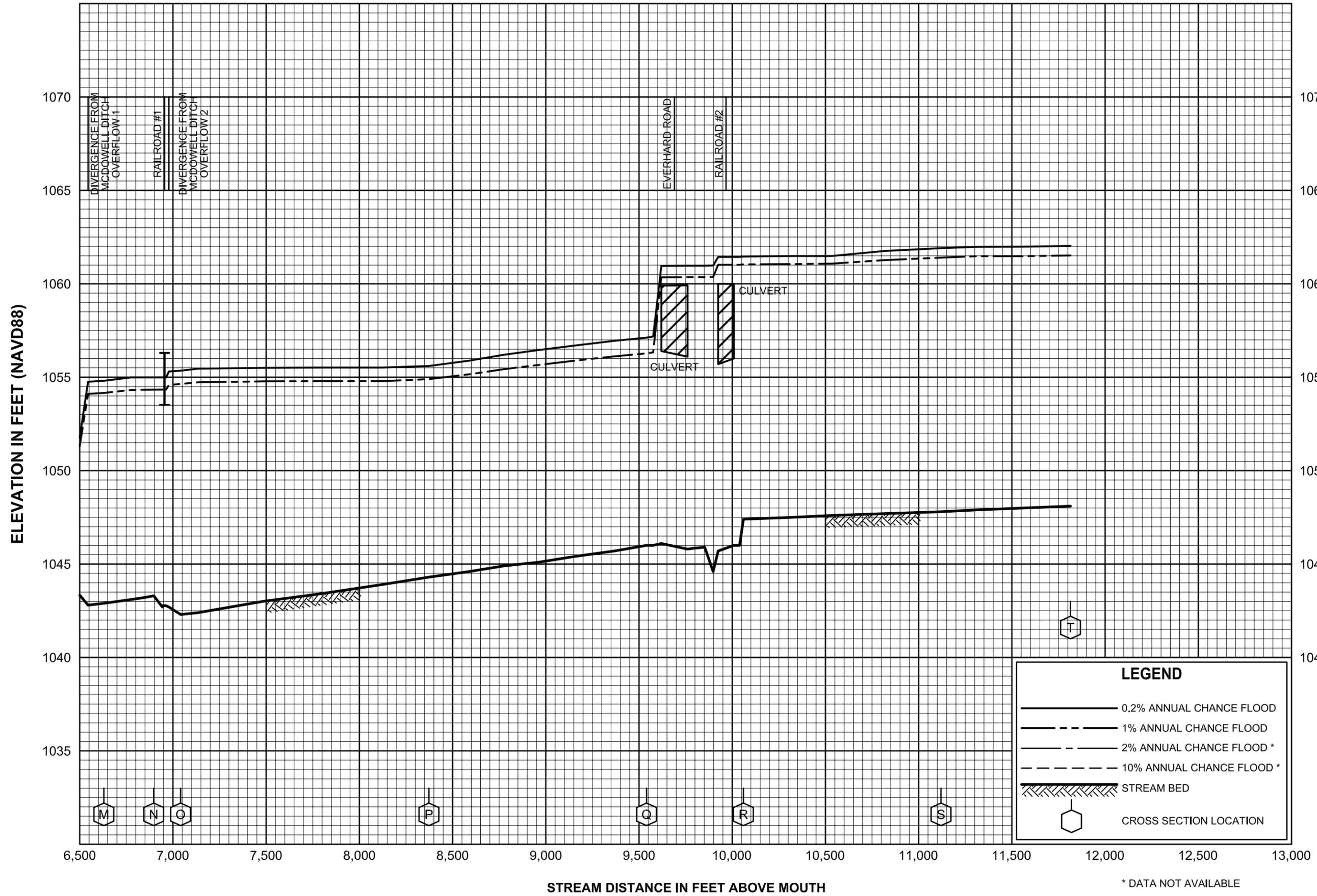
STARK COUNTY, OHIO

AND INCORPORATED AREAS



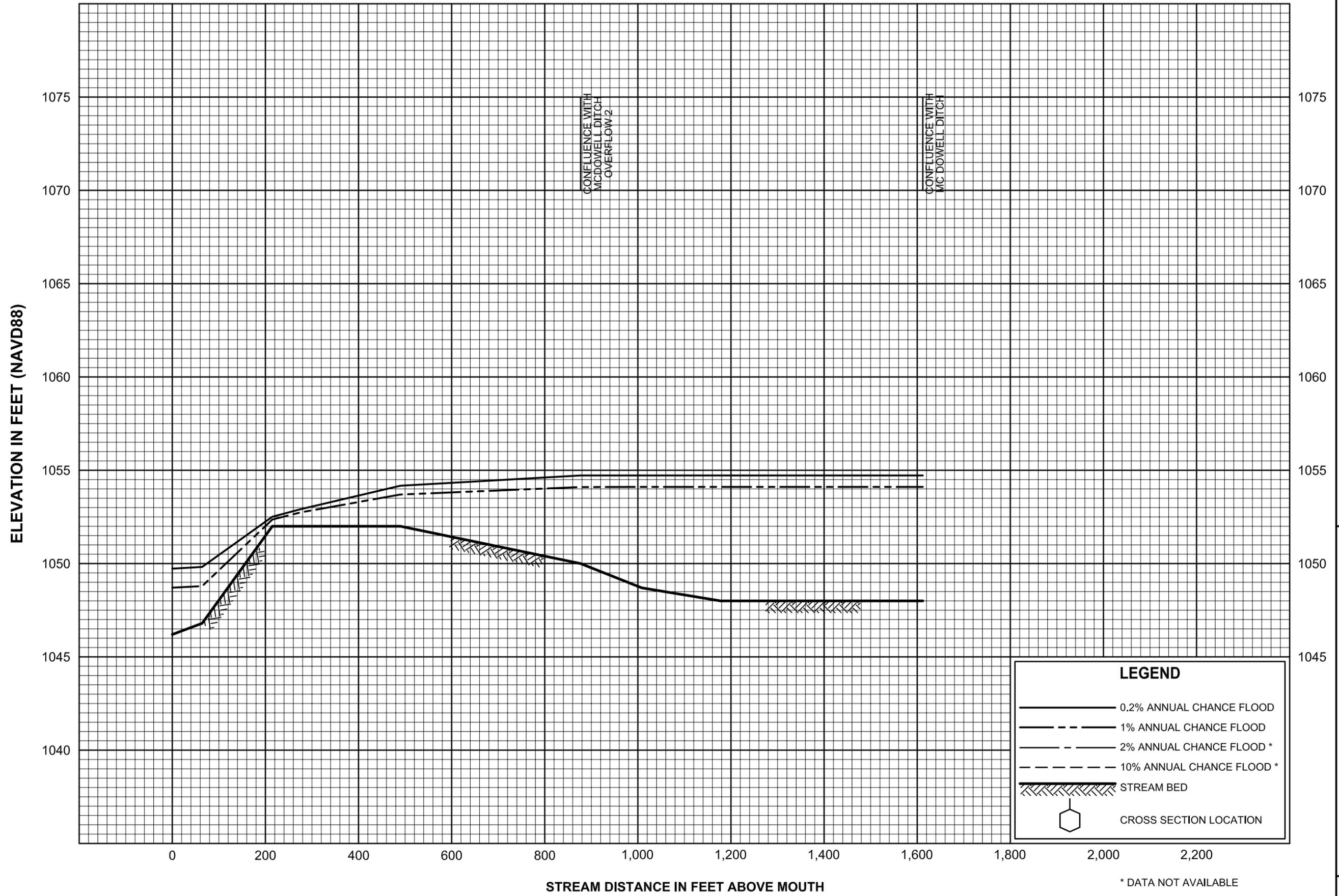
FLOOD PROFILES
MCDOWELL DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



FLOOD PROFILES
MCDOWELL DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES
MCDOWELL DITCH OVERFLOW 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



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
METZGER DITCH**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

STREAM DISTANCE IN FEET ABOVE MOUTH

* DATA NOT AVAILABLE

FLOOD PROFILES

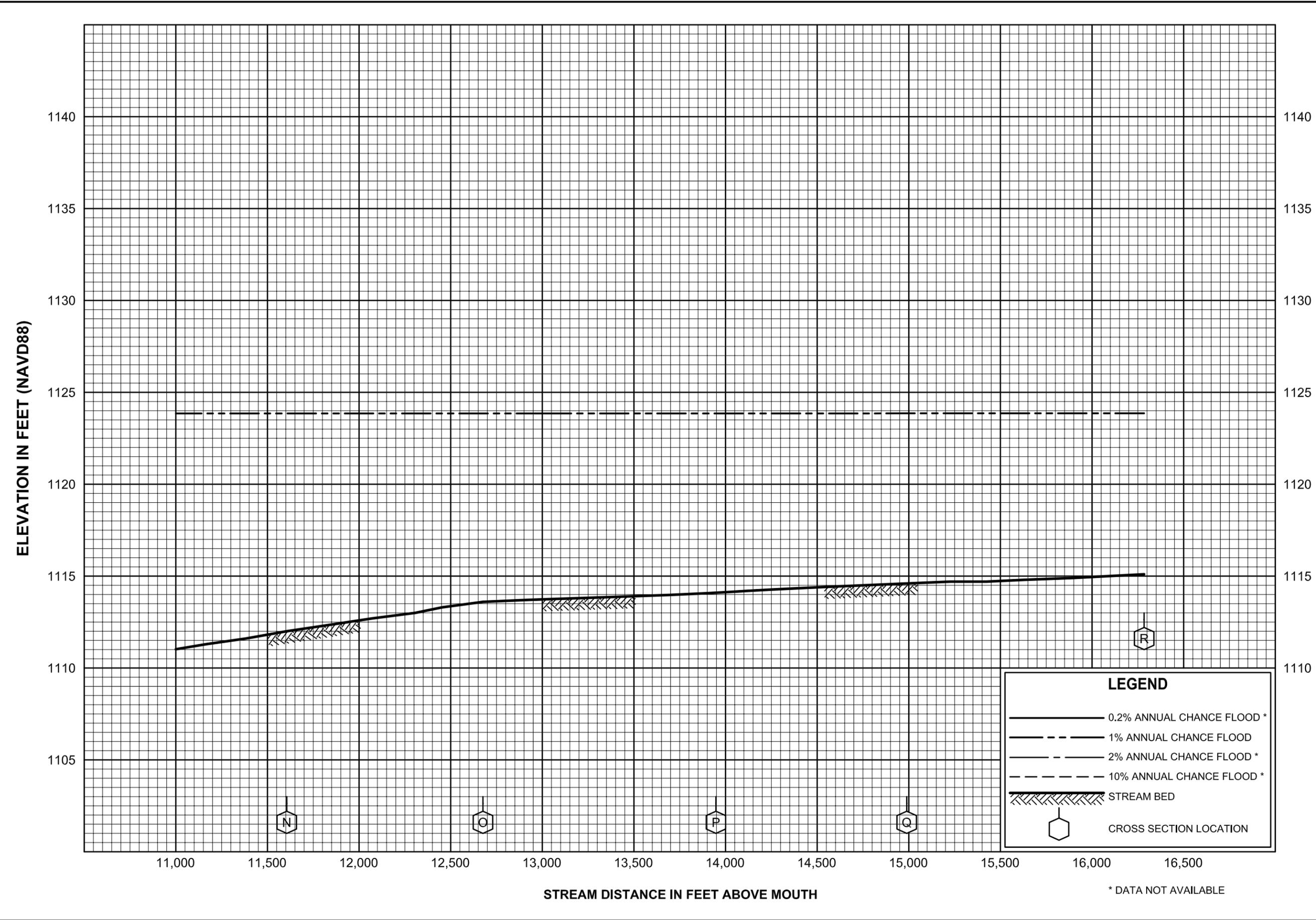
METZGER DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

34P



LEGEND

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

STREAM DISTANCE IN FEET ABOVE MOUTH

* DATA NOT AVAILABLE

ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES

MIDDLE BRANCH NIMSHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



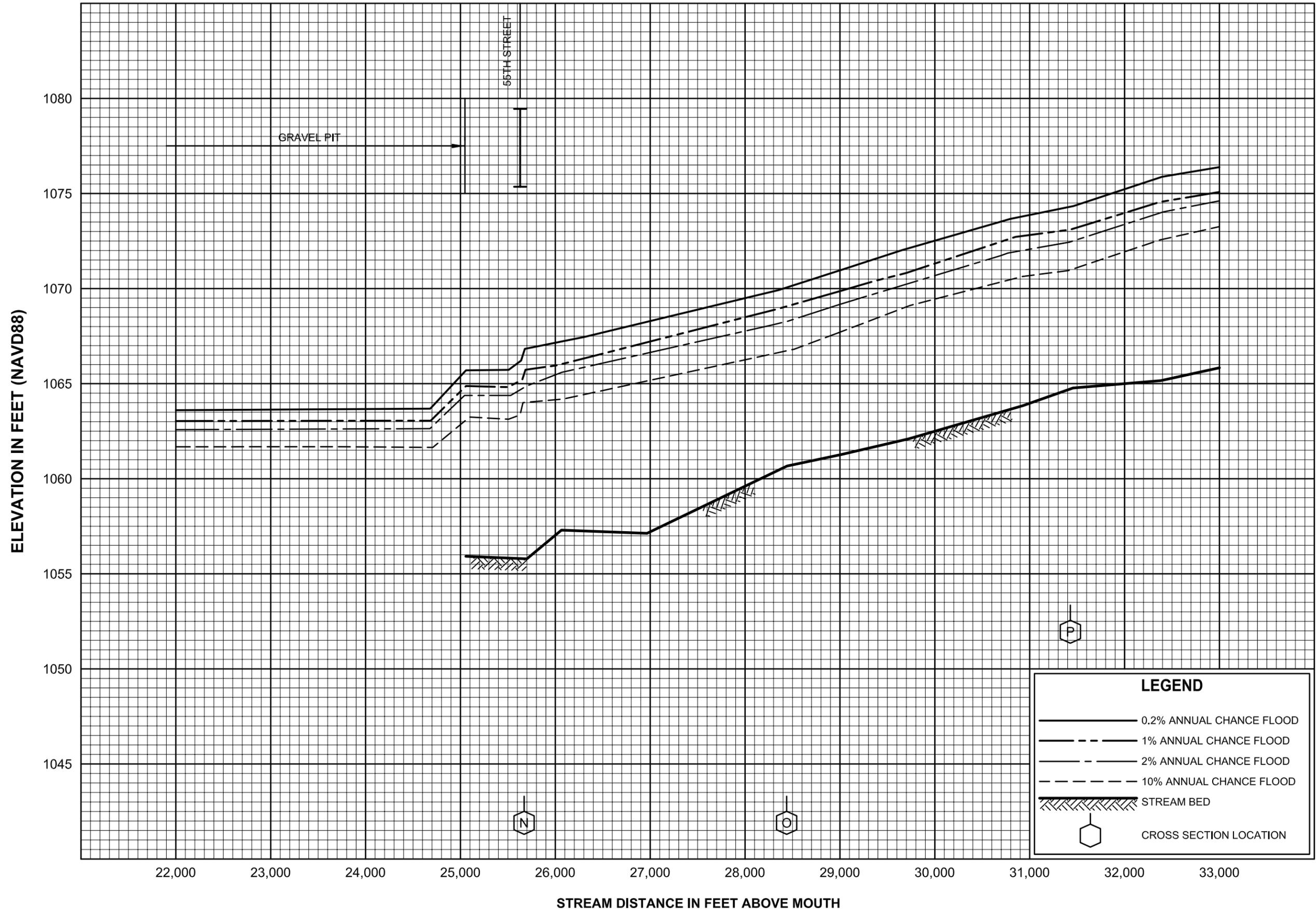
FLOOD PROFILES

MIDDLE BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



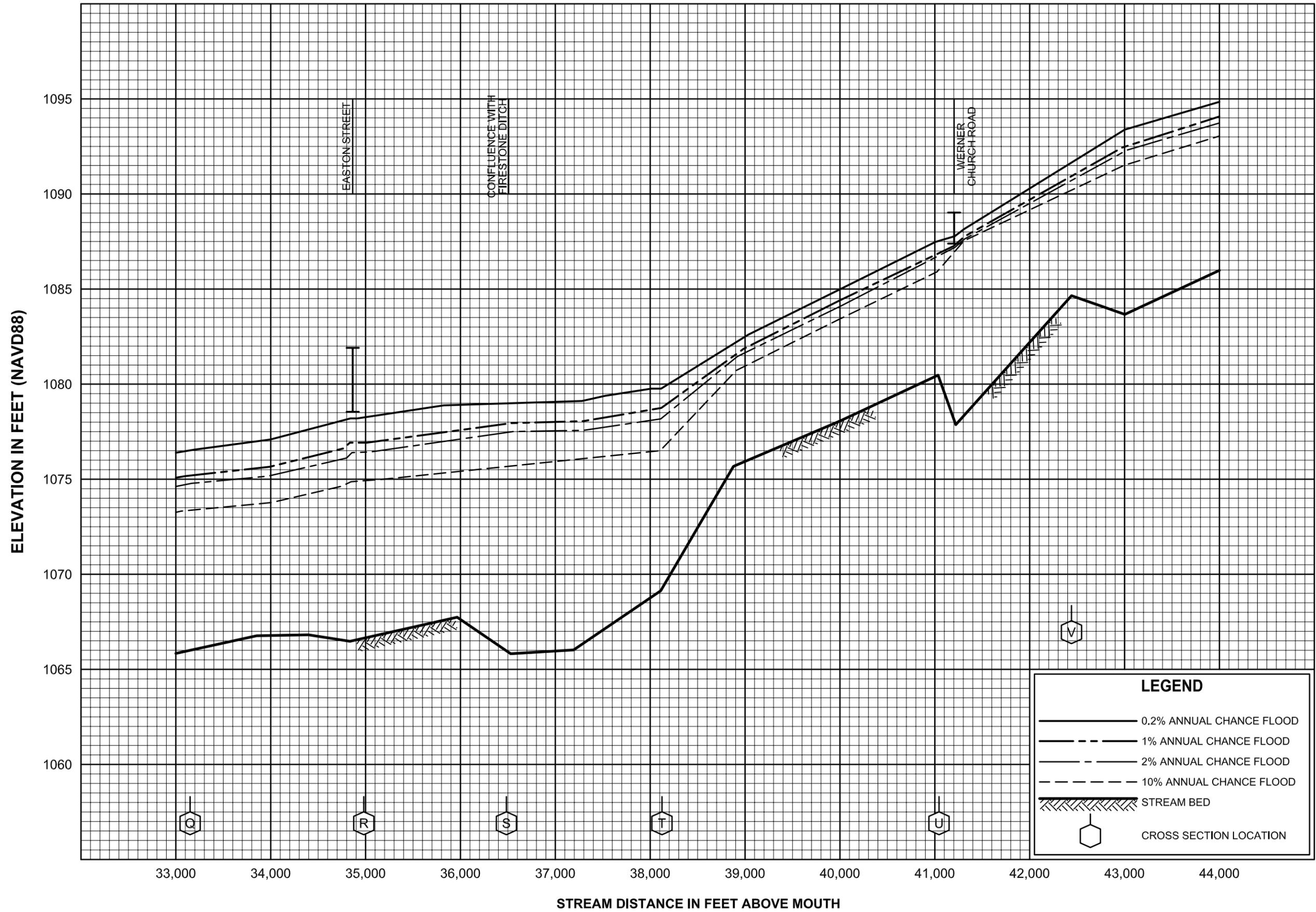
FLOOD PROFILES

MIDDLE BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



FLOOD PROFILES

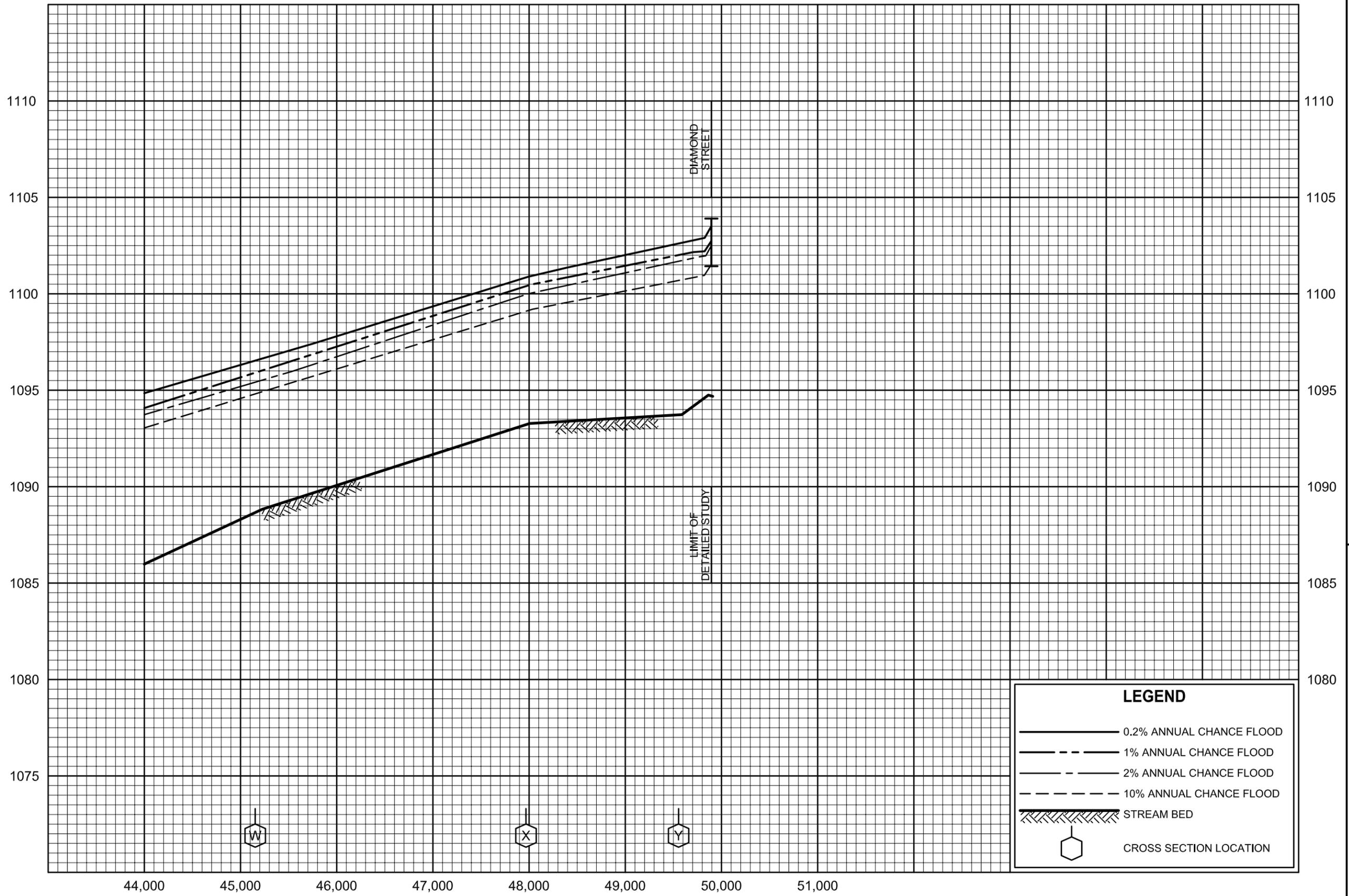
MIDDLE BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



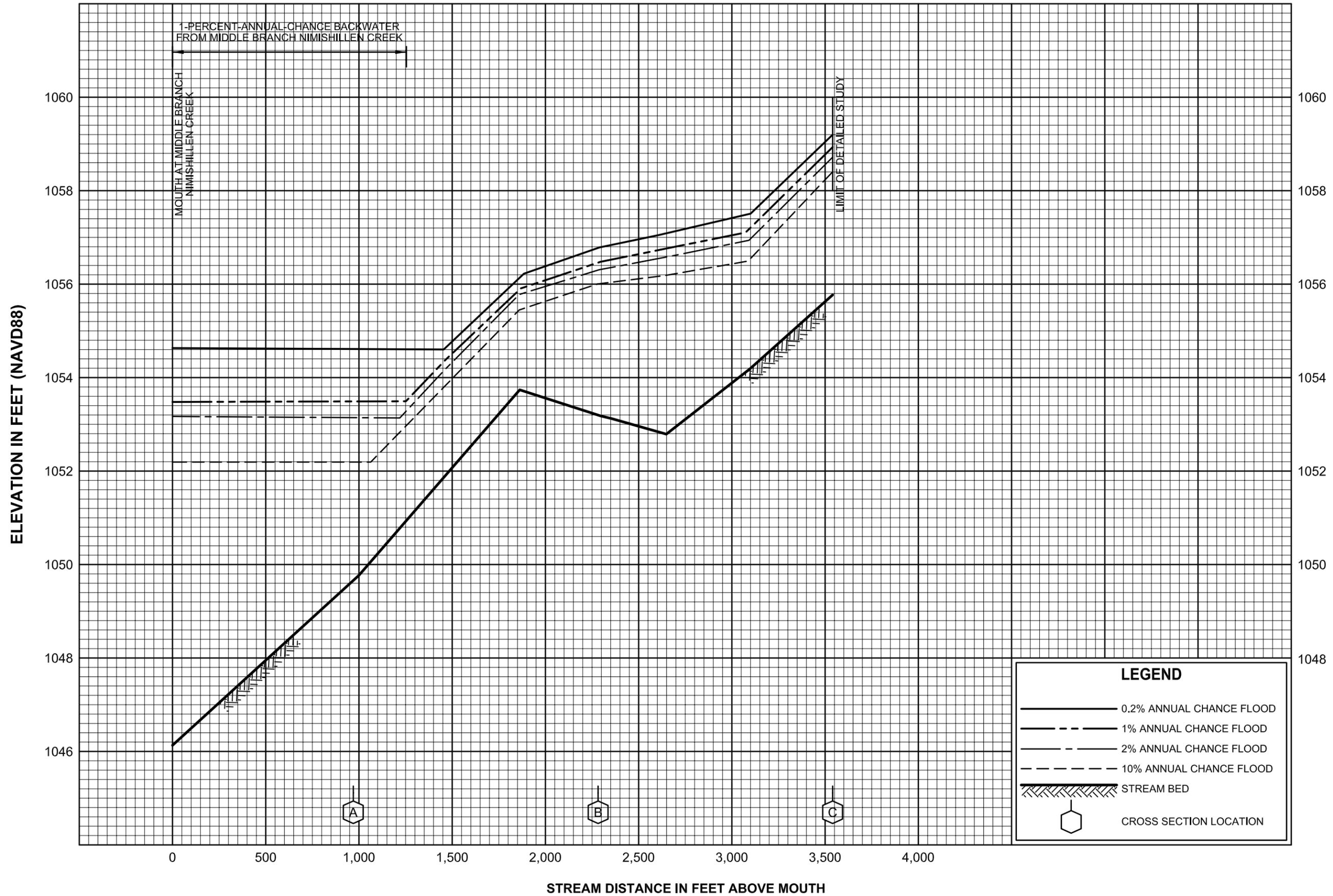
FLOOD PROFILES

MIDDLE BRANCH NIMSHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



FLOOD PROFILES
MIDDLE BRANCH NIMISHILLEN CREEK TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
 AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



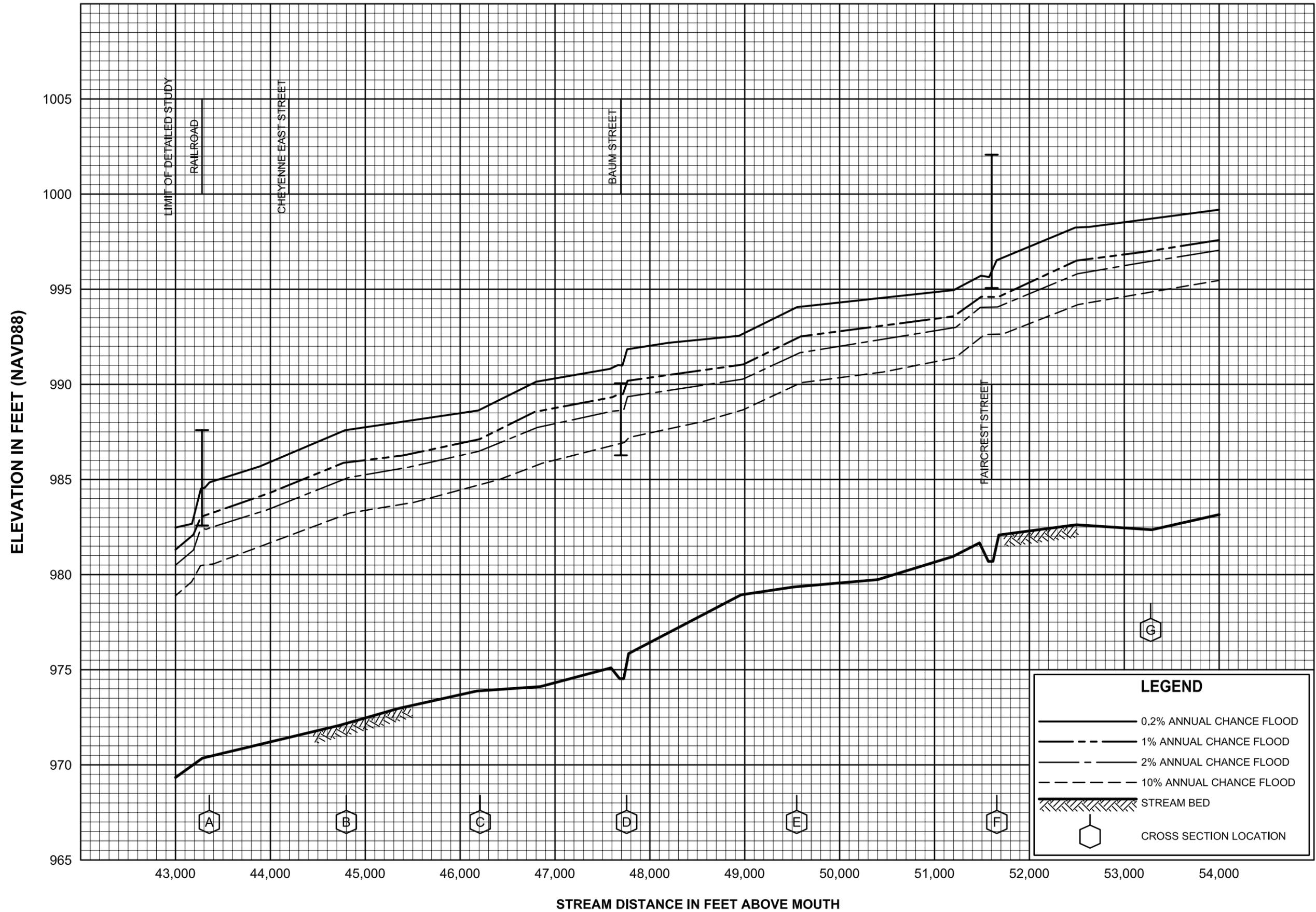
LEGEND

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

FLOOD PROFILES
MIDDLE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

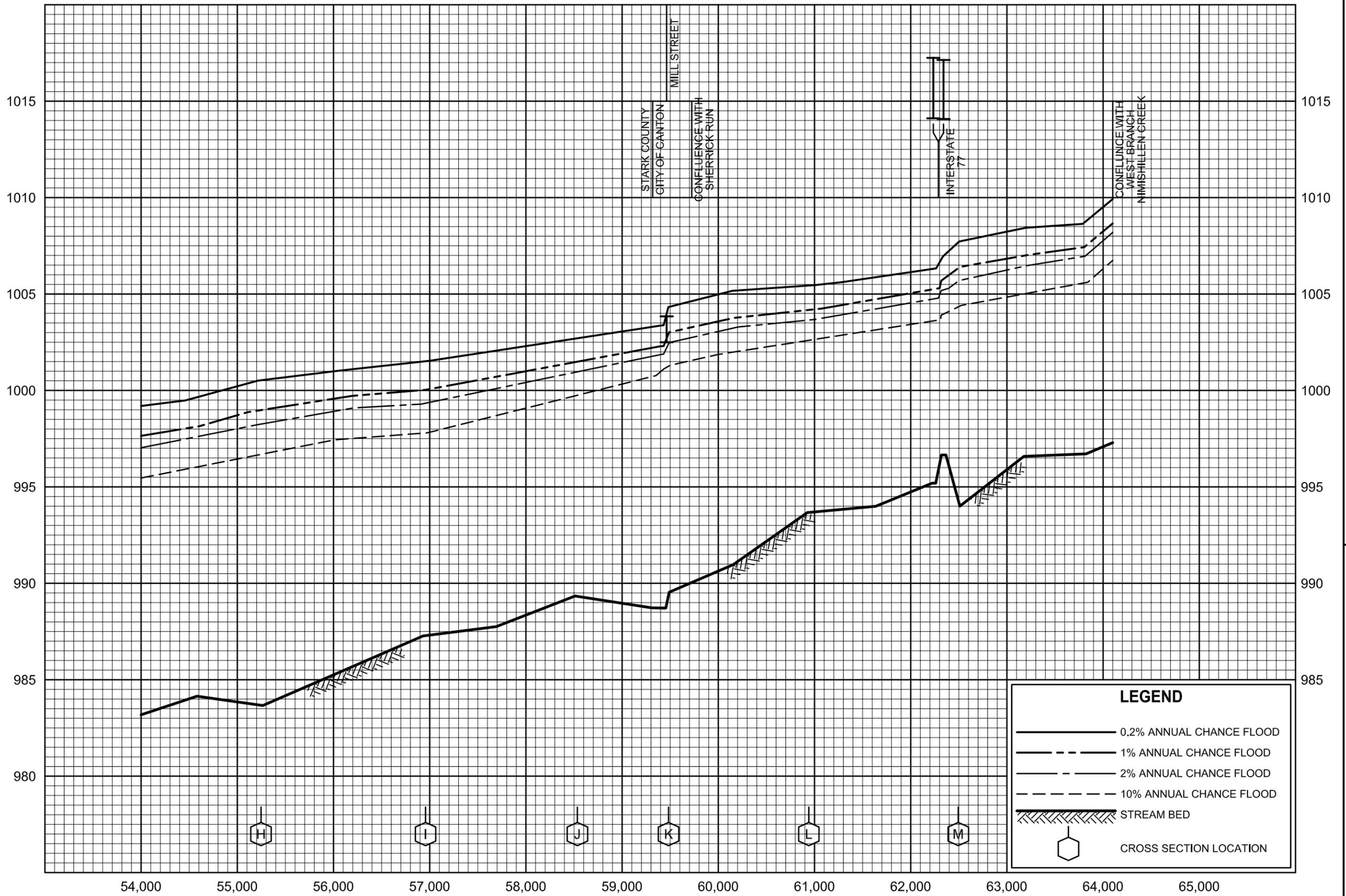
* DATA NOT AVAILABLE



FLOOD PROFILES
NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



FLOOD PROFILES

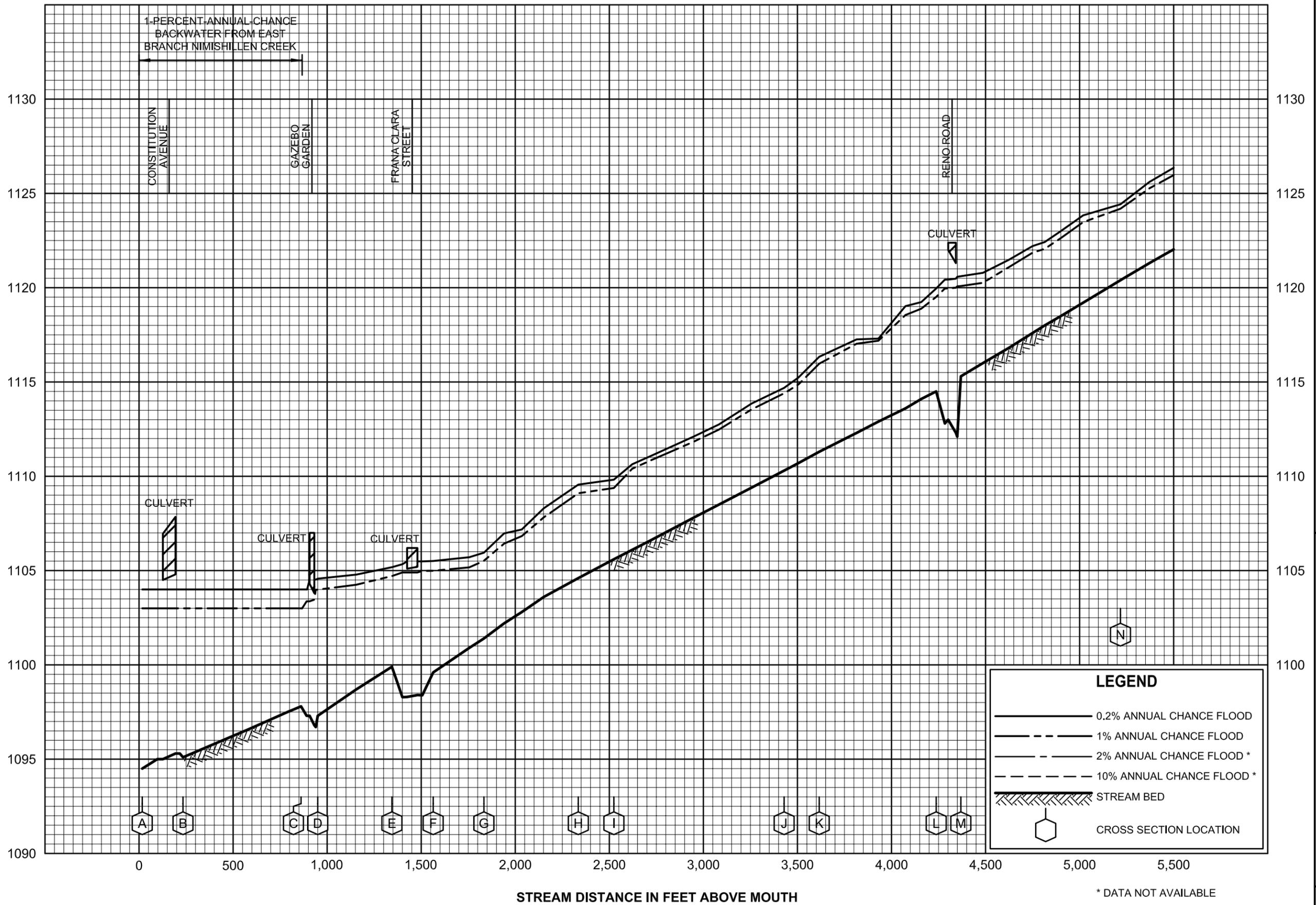
NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



FLOOD PROFILES
NORTH CHAPEL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

FLOOD PROFILES

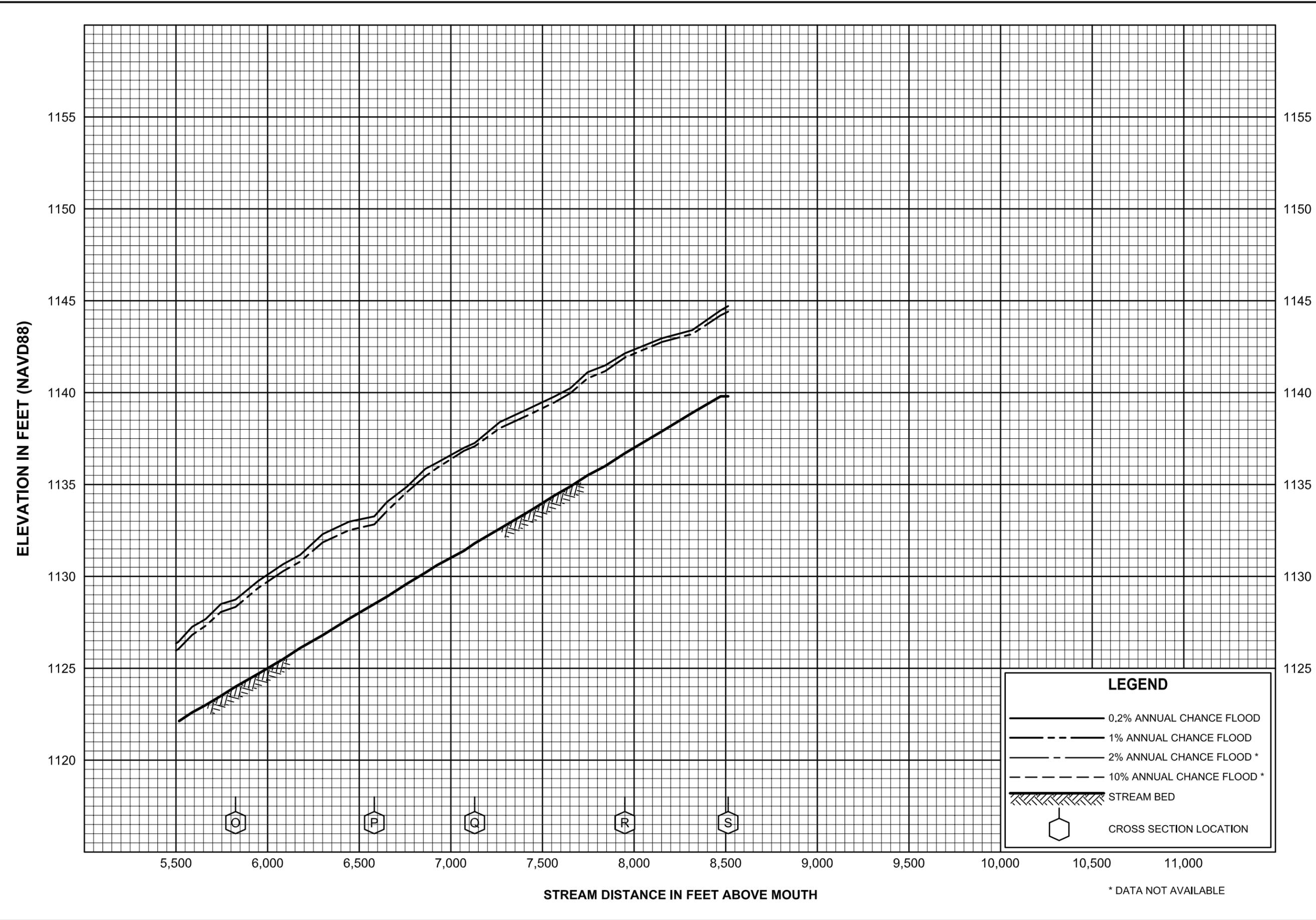
NORTH CHAPEL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

45P

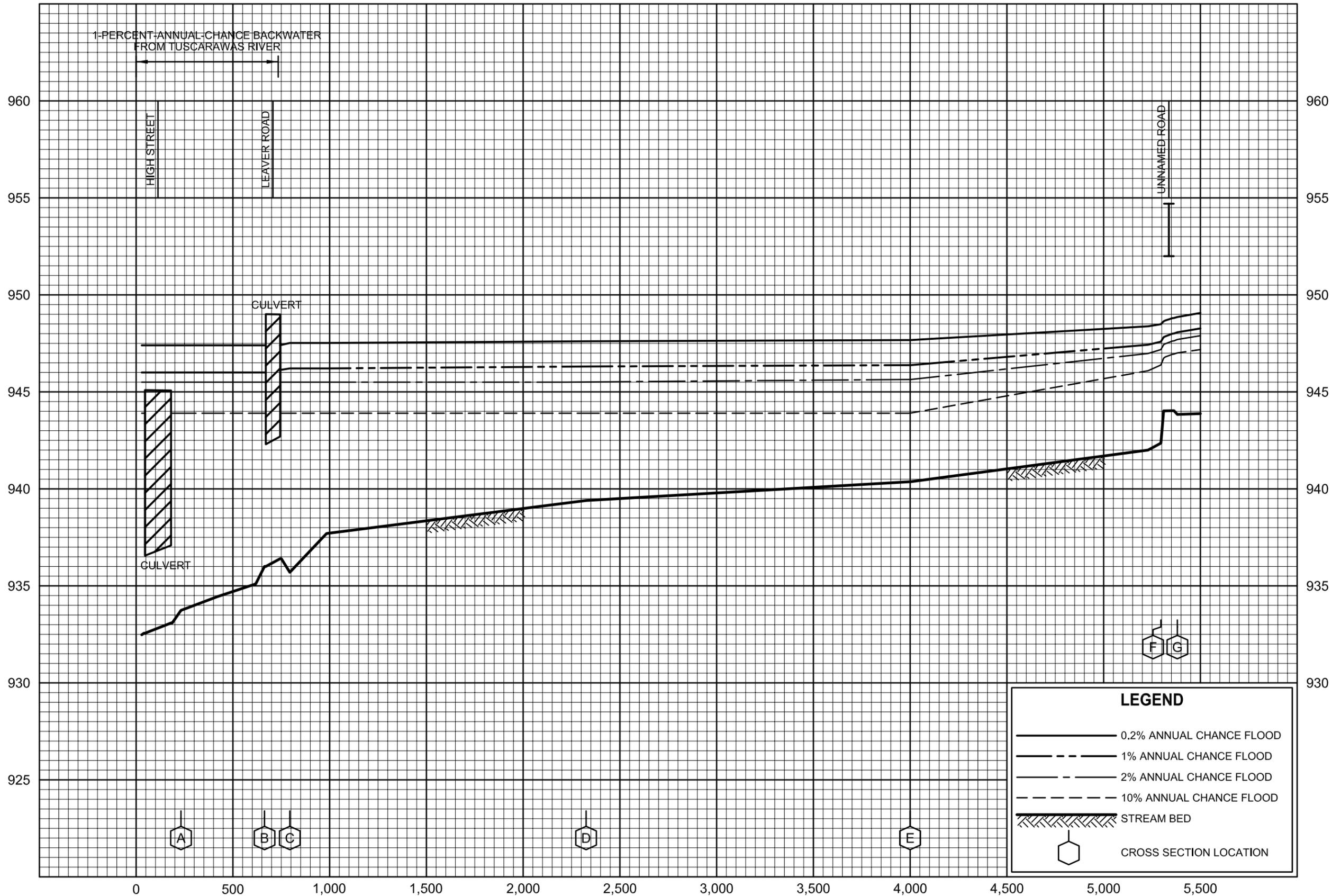


LEGEND

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

* DATA NOT AVAILABLE

ELEVATION IN FEET (NAVD88)



1-PERCENT-ANNUAL-CHANCE BACKWATER FROM TUSCARAWAS RIVER

HIGH STREET

LEAVER ROAD

CULVERT

CULVERT

UNNAMED ROAD

A

B

C

D

E

F

G

LEGEND

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

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

STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES

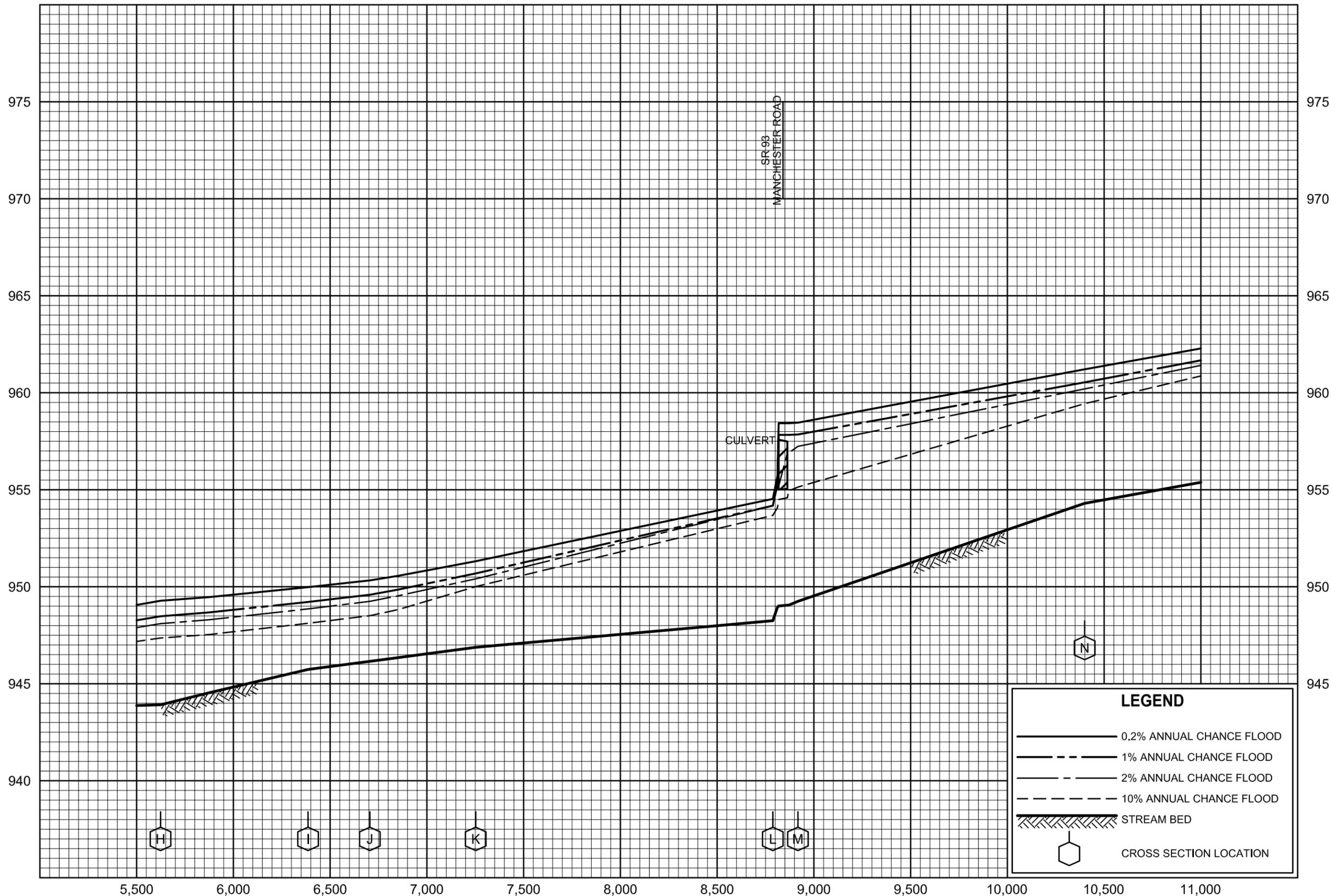
PLUM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

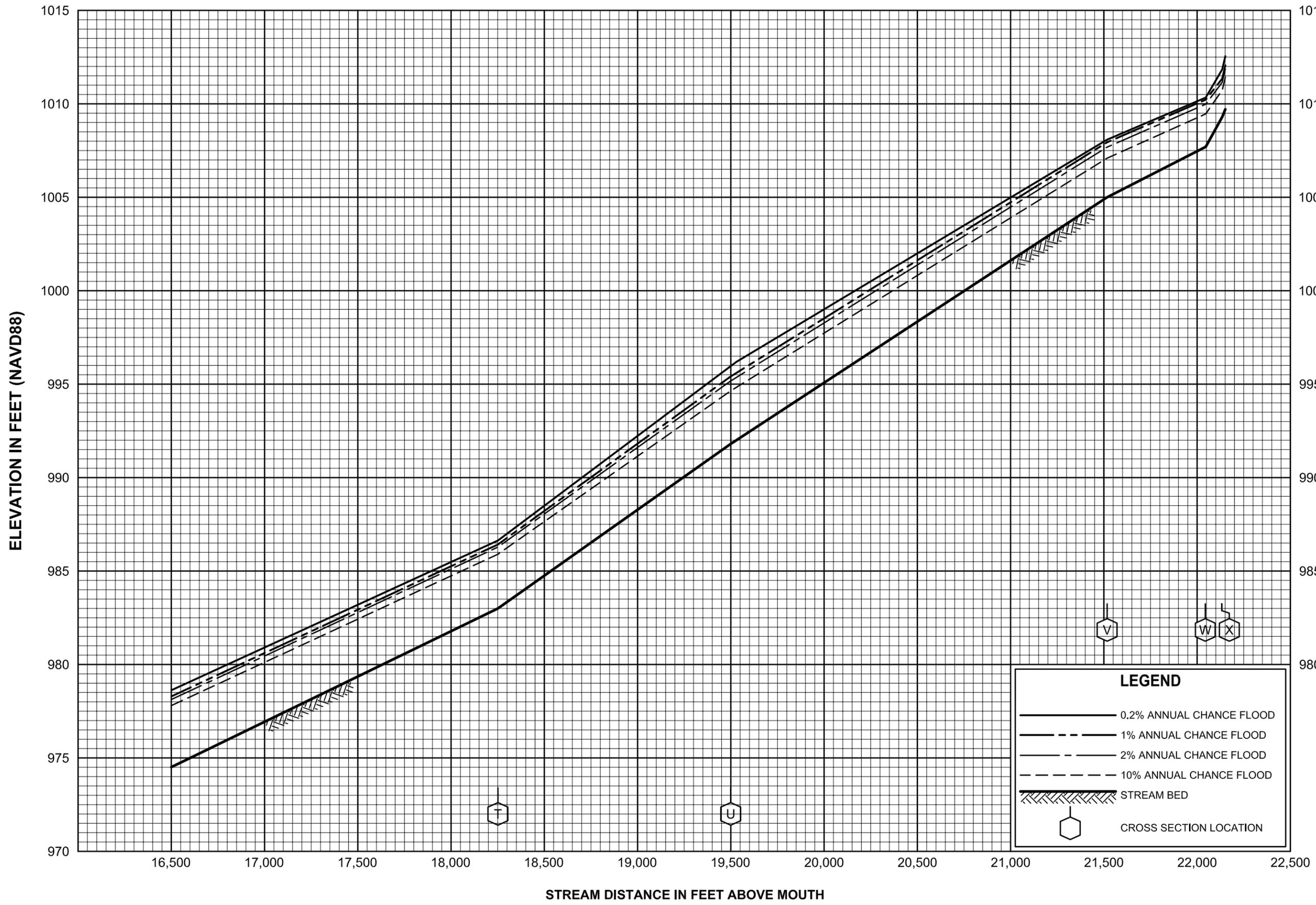
ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES
PLUM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

FLOOD PROFILES

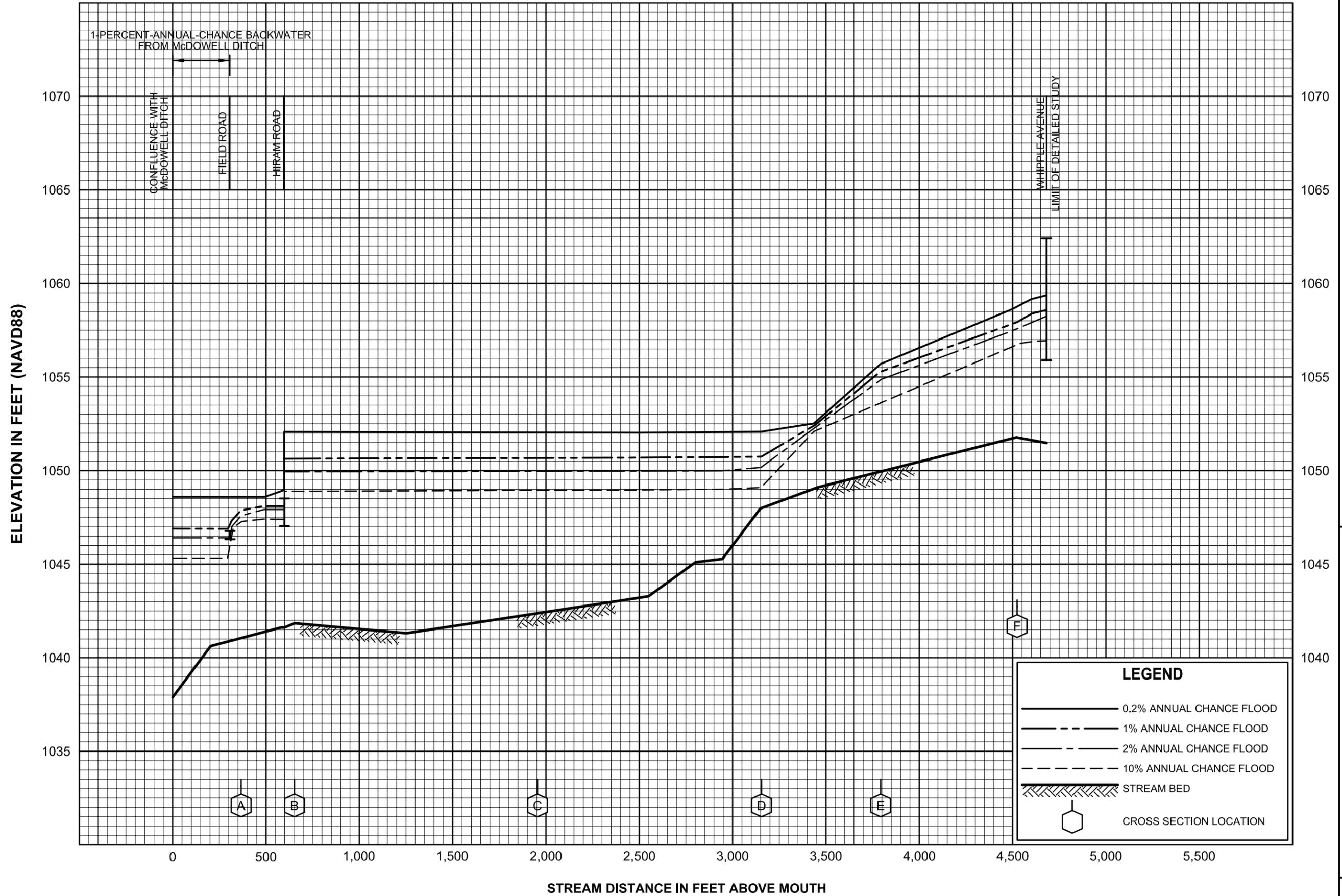
PLUM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

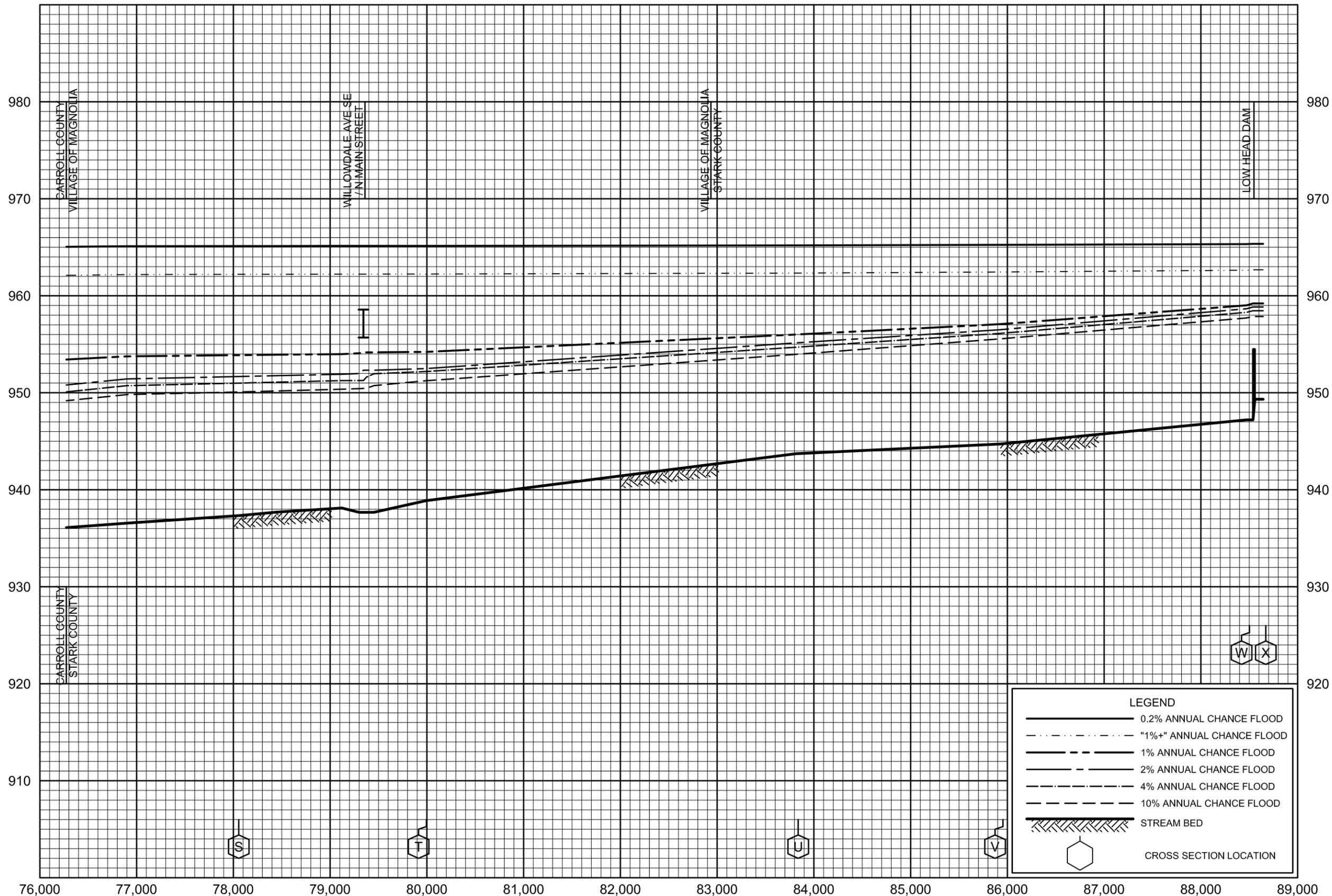
49P



FLOOD PROFILES
REEMSnyder DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TUSCARAWAS RIVER

LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- "1%+" ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 4% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

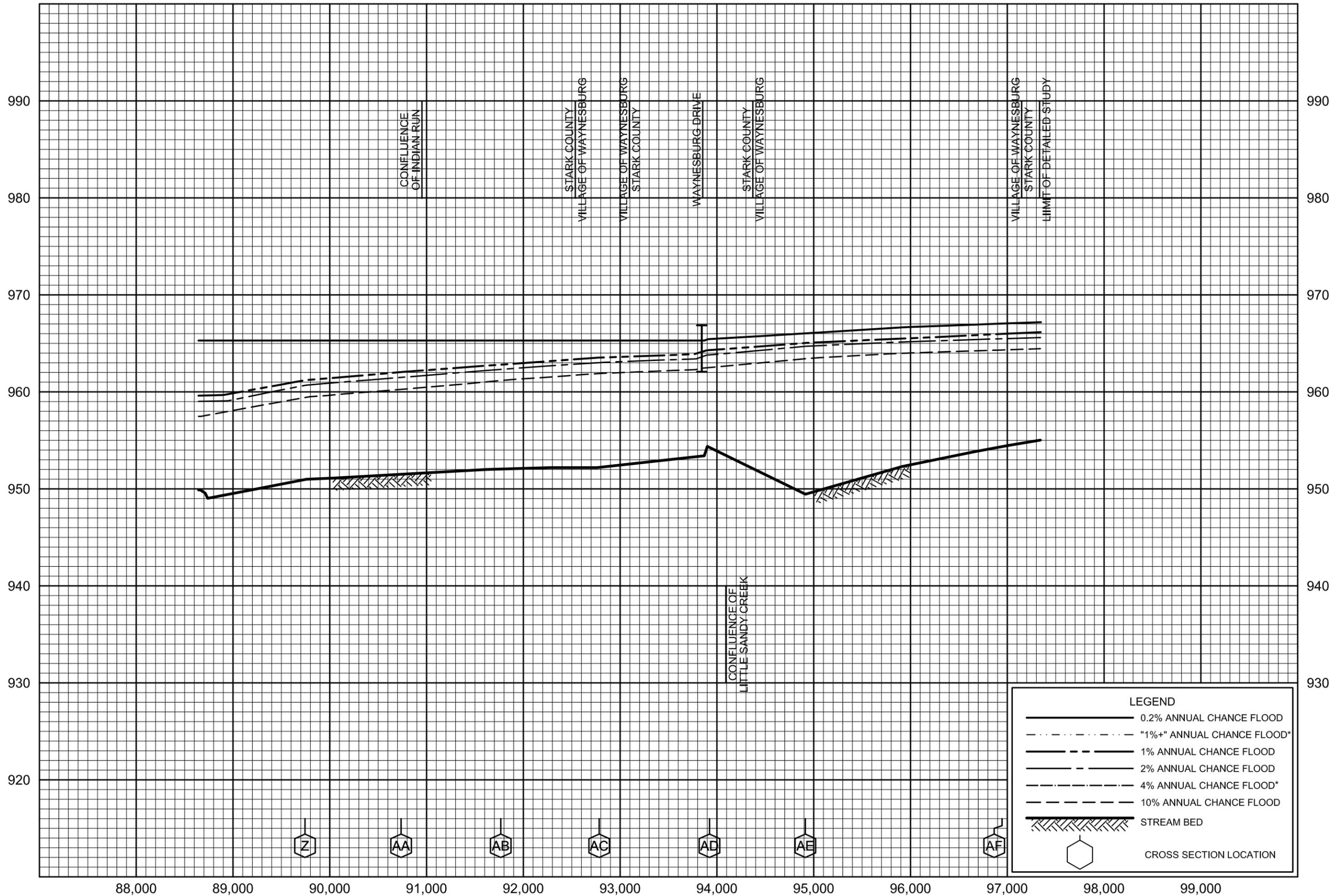
SANDY CREEK (LOWER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OH

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



LEGEND

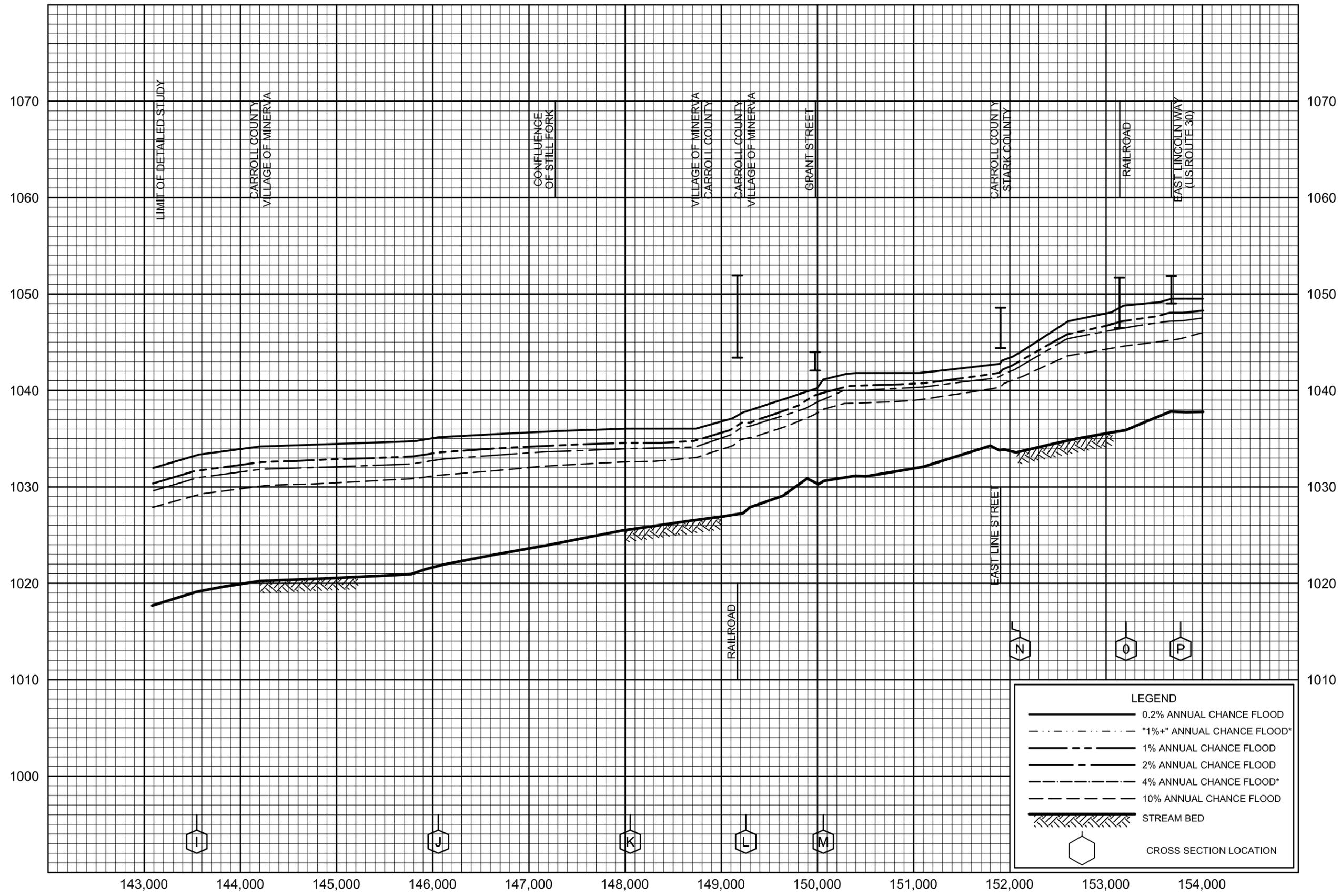
- 0.2% ANNUAL CHANCE FLOOD
- "1%+" ANNUAL CHANCE FLOOD*
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 4% ANNUAL CHANCE FLOOD*
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES
SANDY CREEK (LOWER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OH
AND INCORPORATED AREAS

* DATA NOT AVAILABLE

ELEVATION IN FEET (NAVD88)



LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- · - · "1%+" ANNUAL CHANCE FLOOD*
- - - 1% ANNUAL CHANCE FLOOD
- - - 2% ANNUAL CHANCE FLOOD
- - - 4% ANNUAL CHANCE FLOOD*
- - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

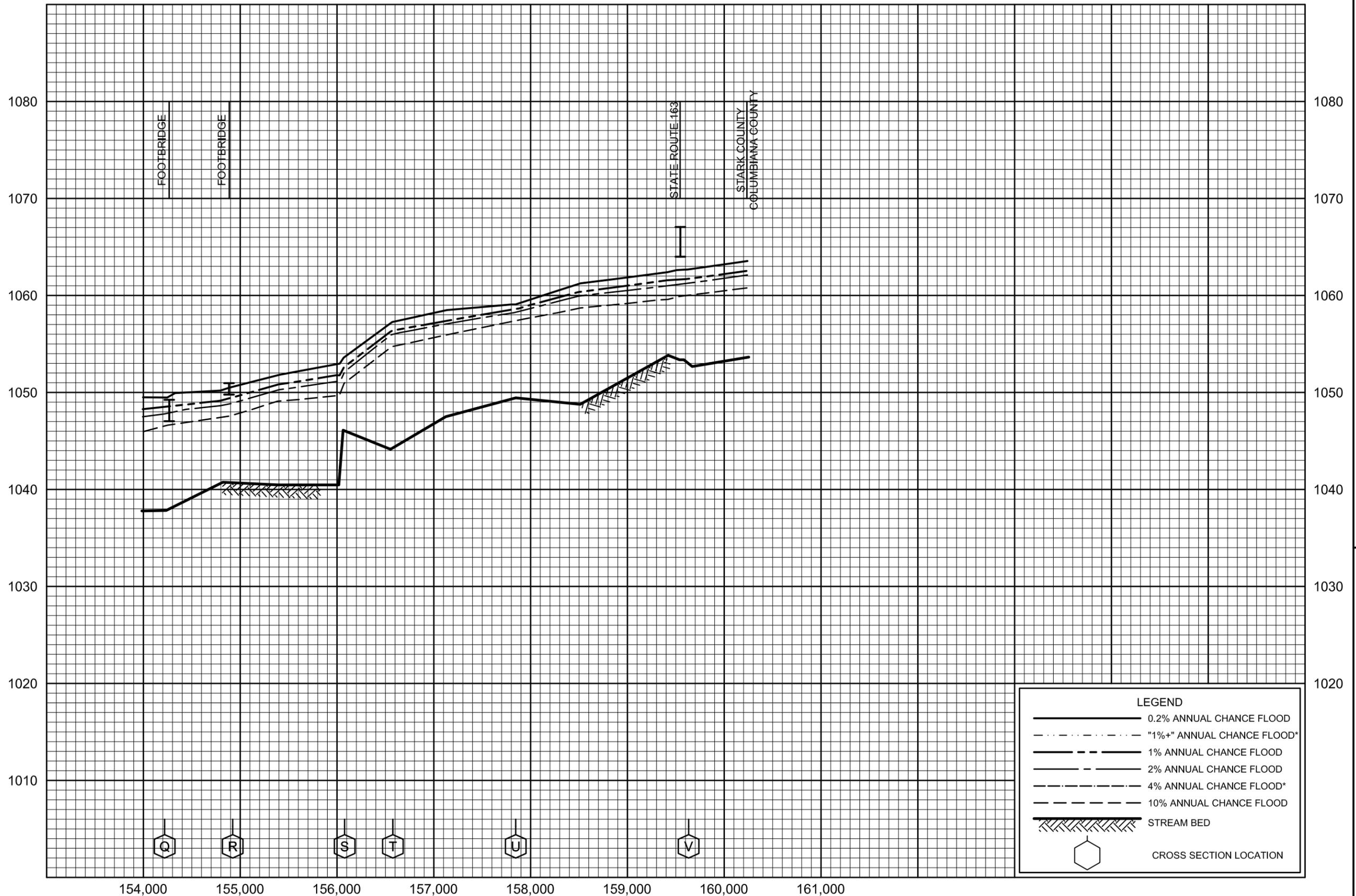
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TUSCARAWAS RIVER

* DATA NOT AVAILABLE

**FLOOD PROFILES
SANDY CREEK (UPPER REACH)**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OH
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)

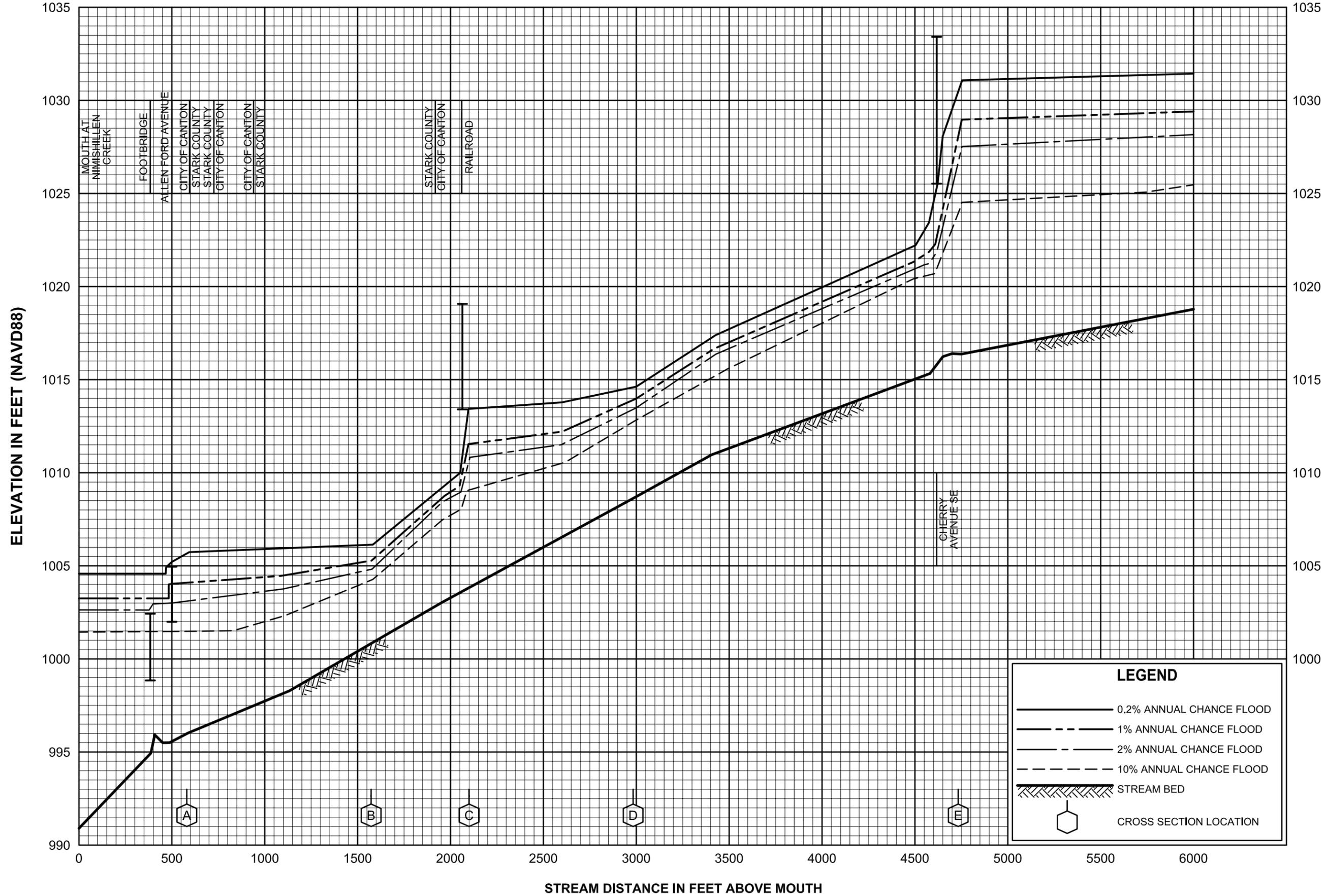


STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TUSCARAWAS RIVER

* DATA NOT AVAILABLE

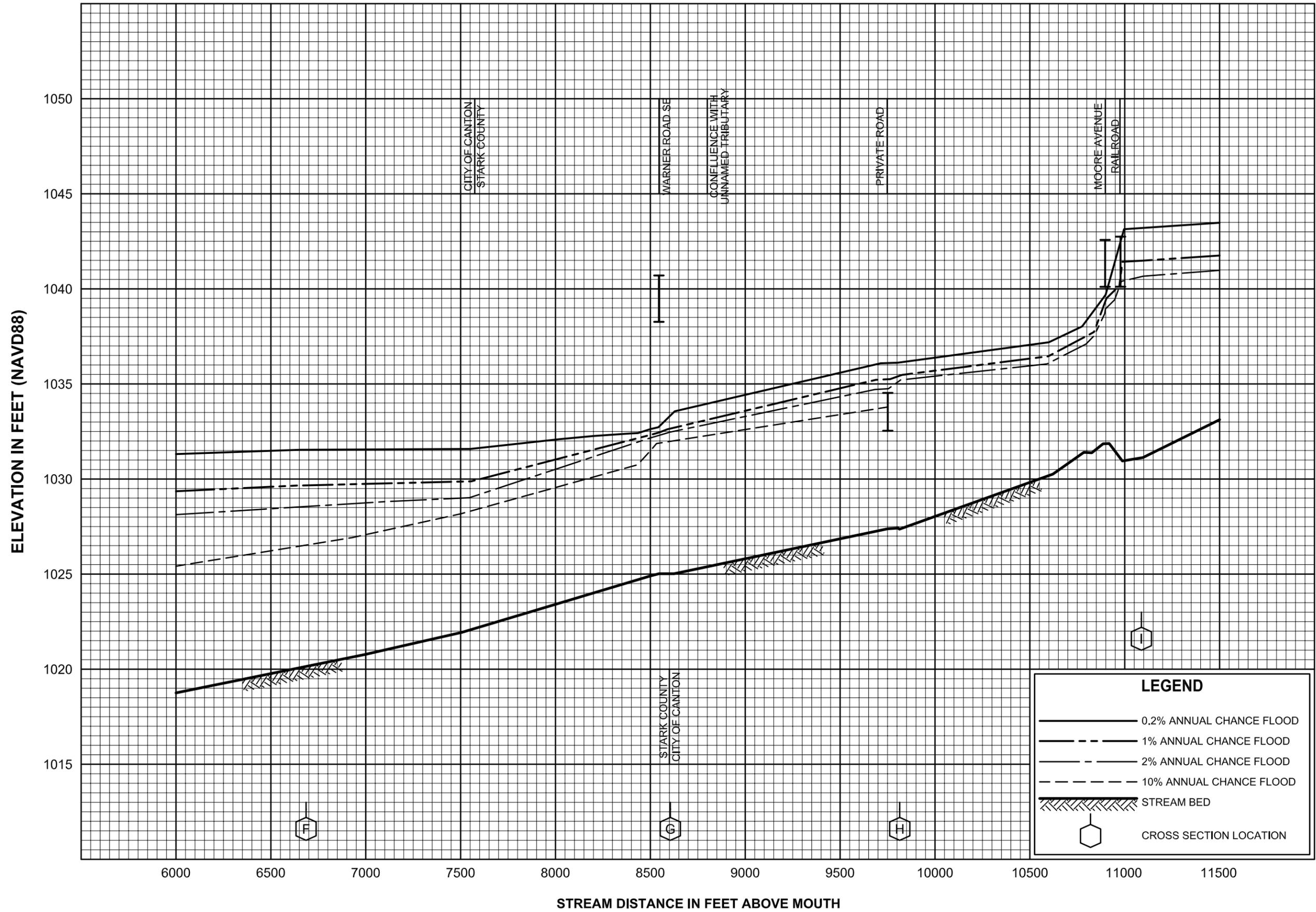
FLOOD PROFILES
SANDY CREEK (UPPER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OH
AND INCORPORATED AREAS



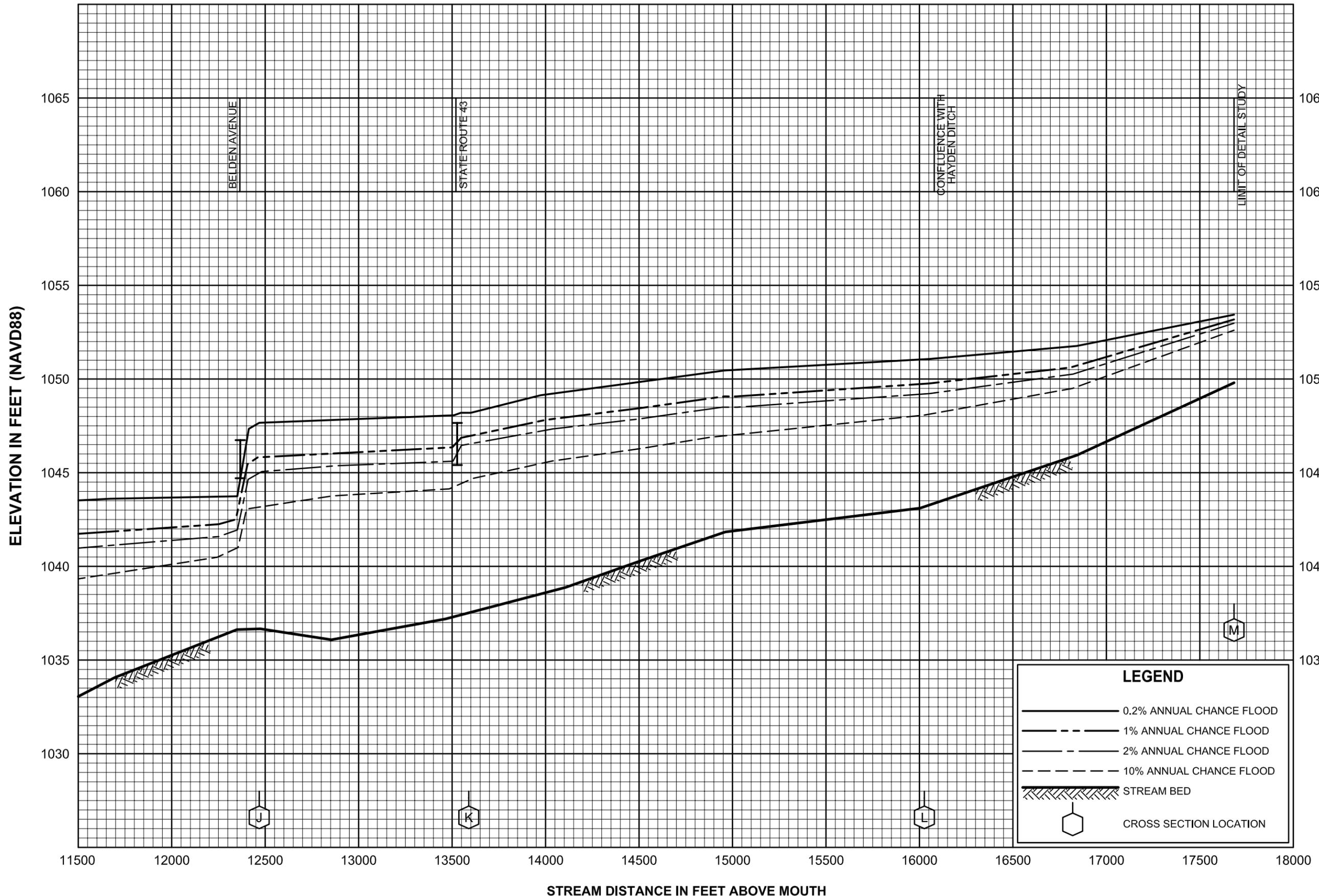
FLOOD PROFILES
SHERRICK RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



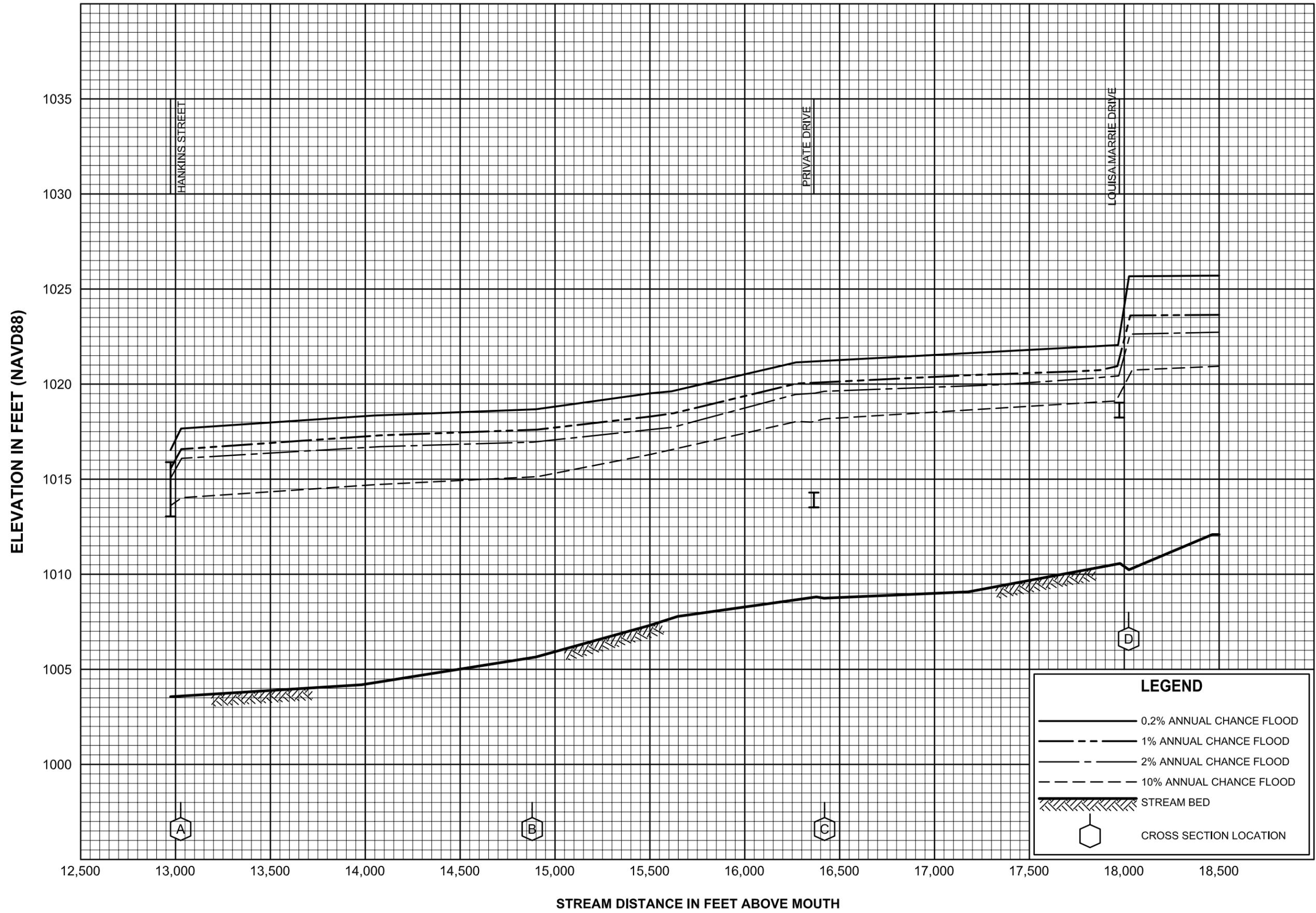
**FLOOD PROFILES
SHERRICK RUN**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



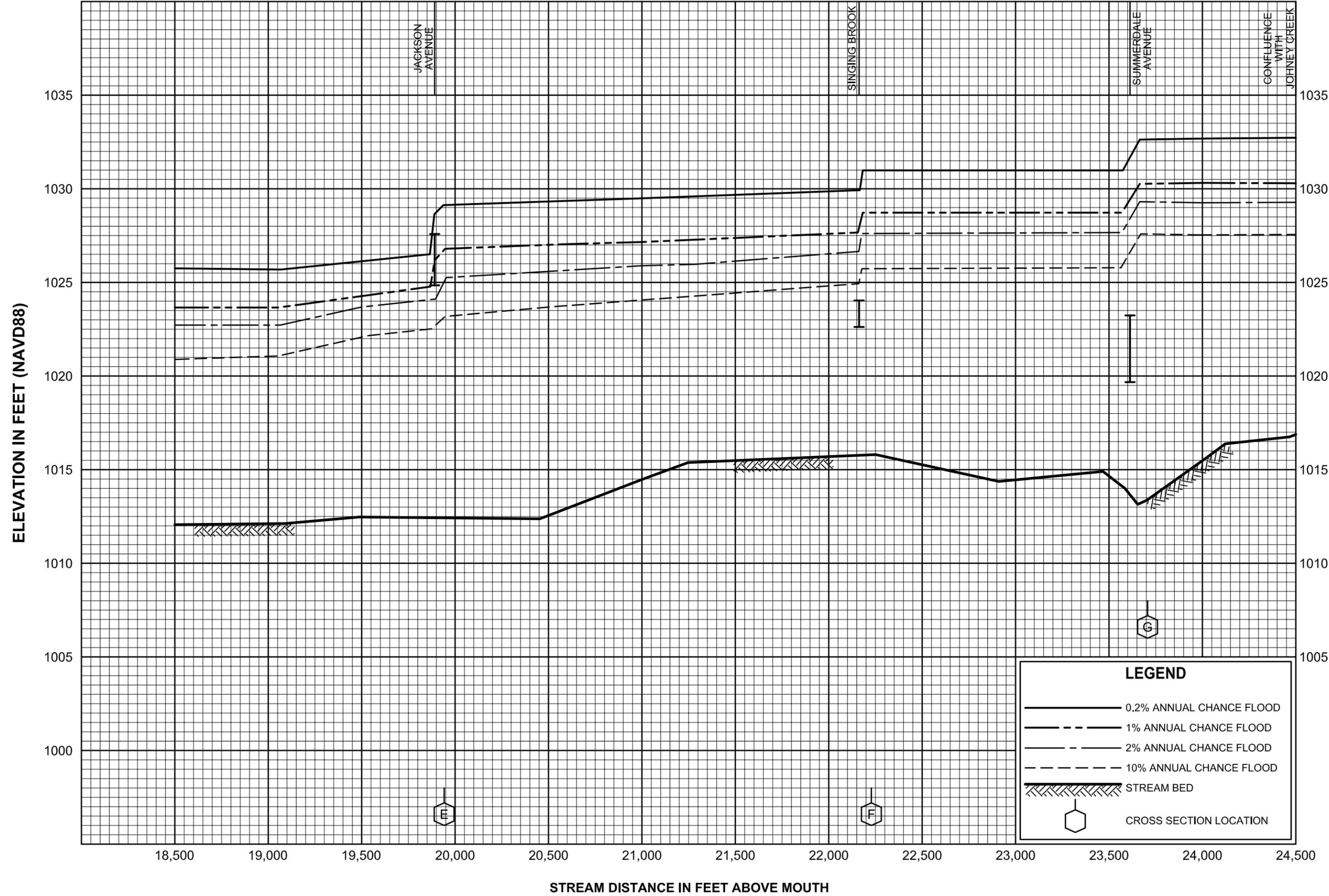
FLOOD PROFILES
SHERRICK RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



FLOOD PROFILES
SIPPO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



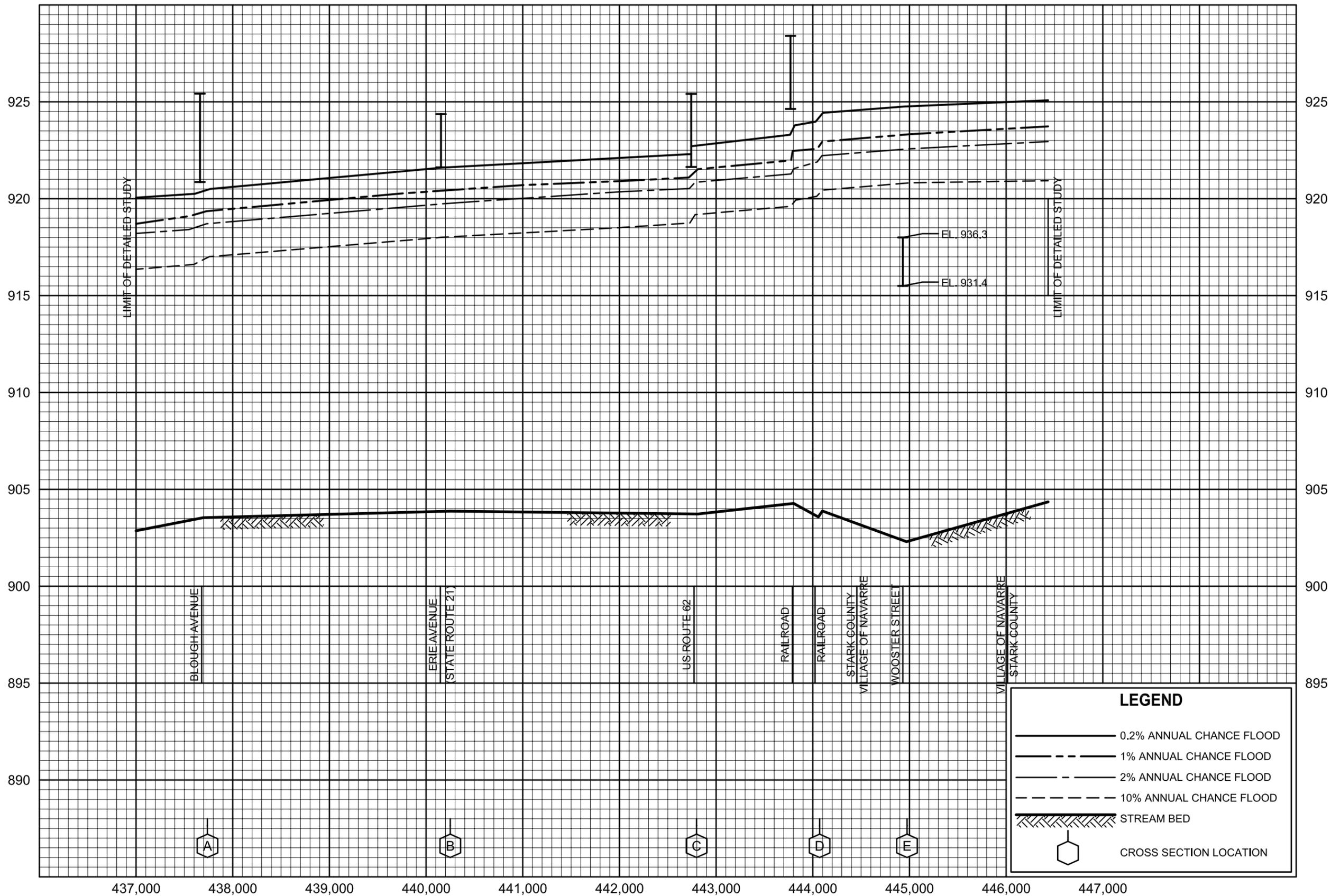
**FLOOD PROFILES
SIPPO CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
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

ELEVATION IN FEET (NAVD88)



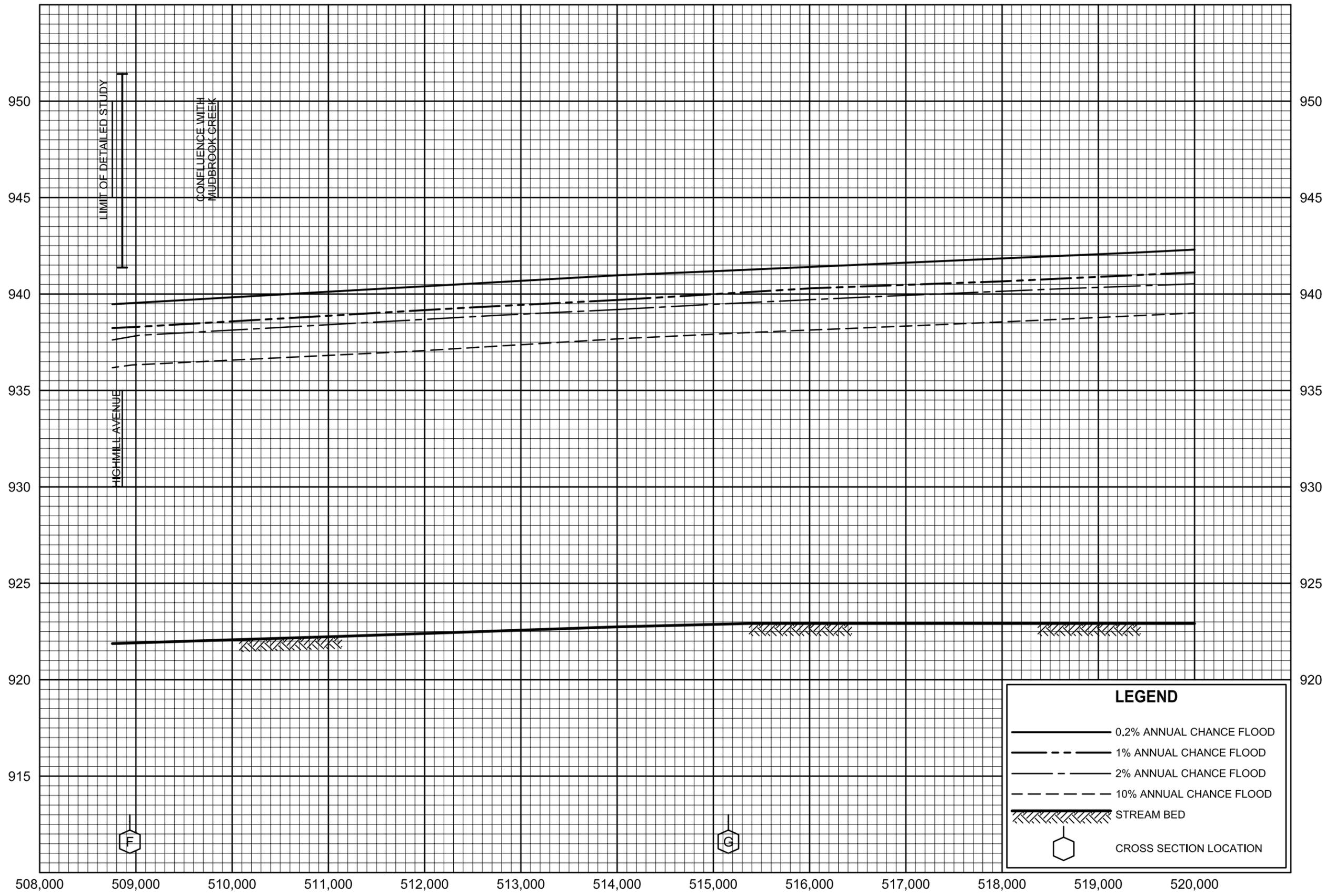
437,000 438,000 439,000 440,000 441,000 442,000 443,000 444,000 445,000 446,000 447,000

STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES
TUSCARAWAS RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



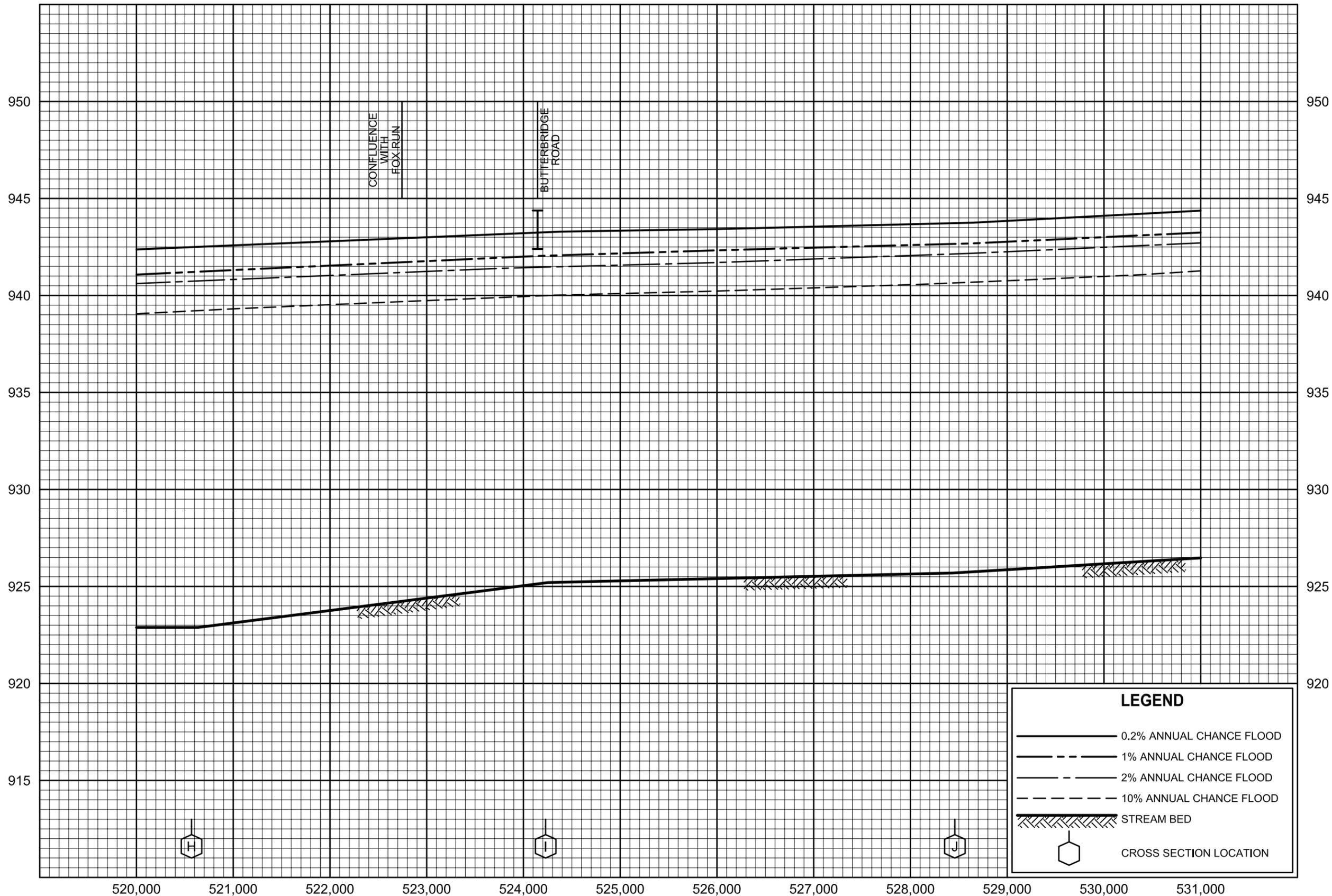
LEGEND

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

**FLOOD PROFILES
TUSCARAWAS RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



520,000 521,000 522,000 523,000 524,000 525,000 526,000 527,000 528,000 529,000 530,000 531,000

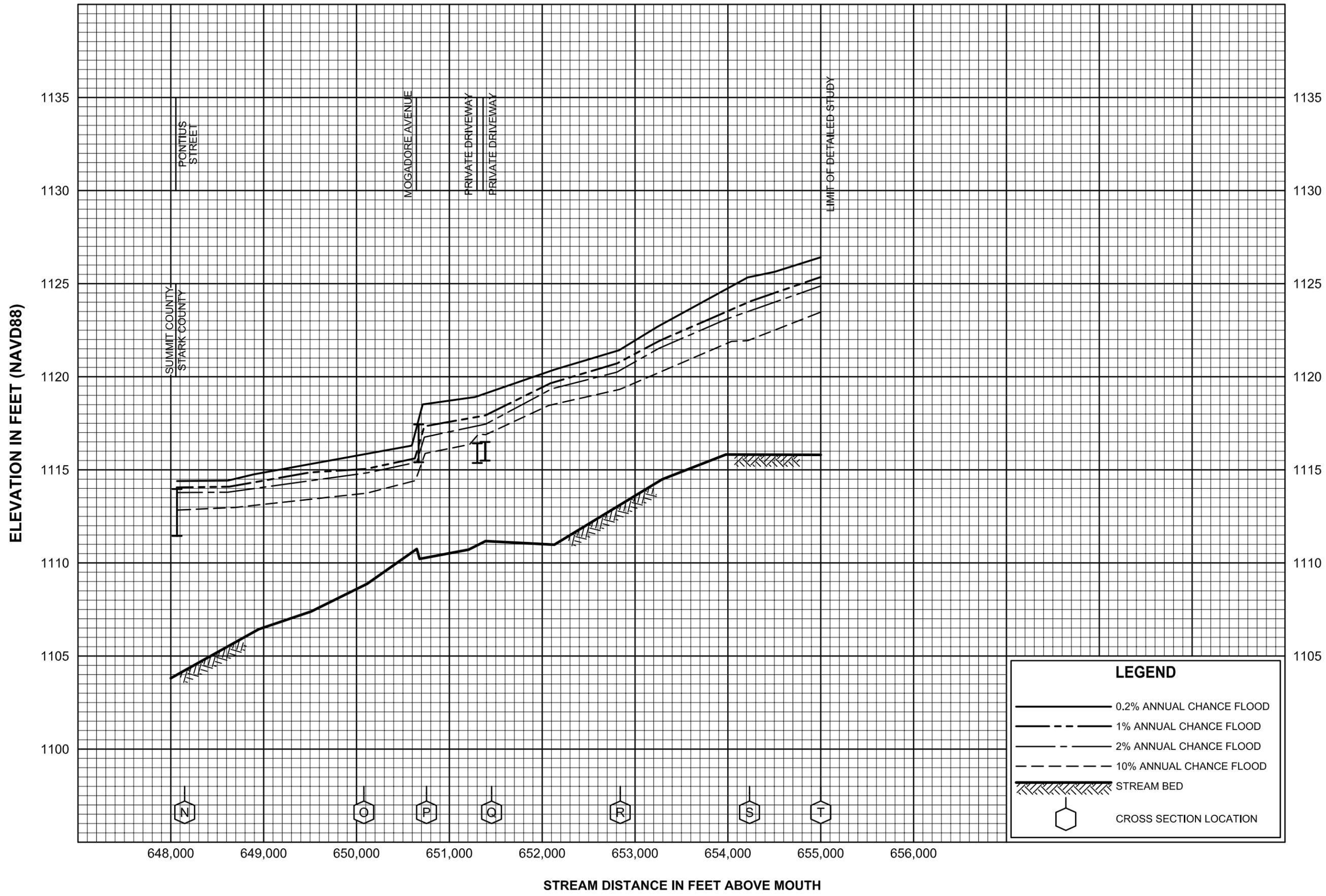
STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

**FLOOD PROFILES
TUSCARAWAS RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

STREAM DISTANCE IN FEET ABOVE MOUTH

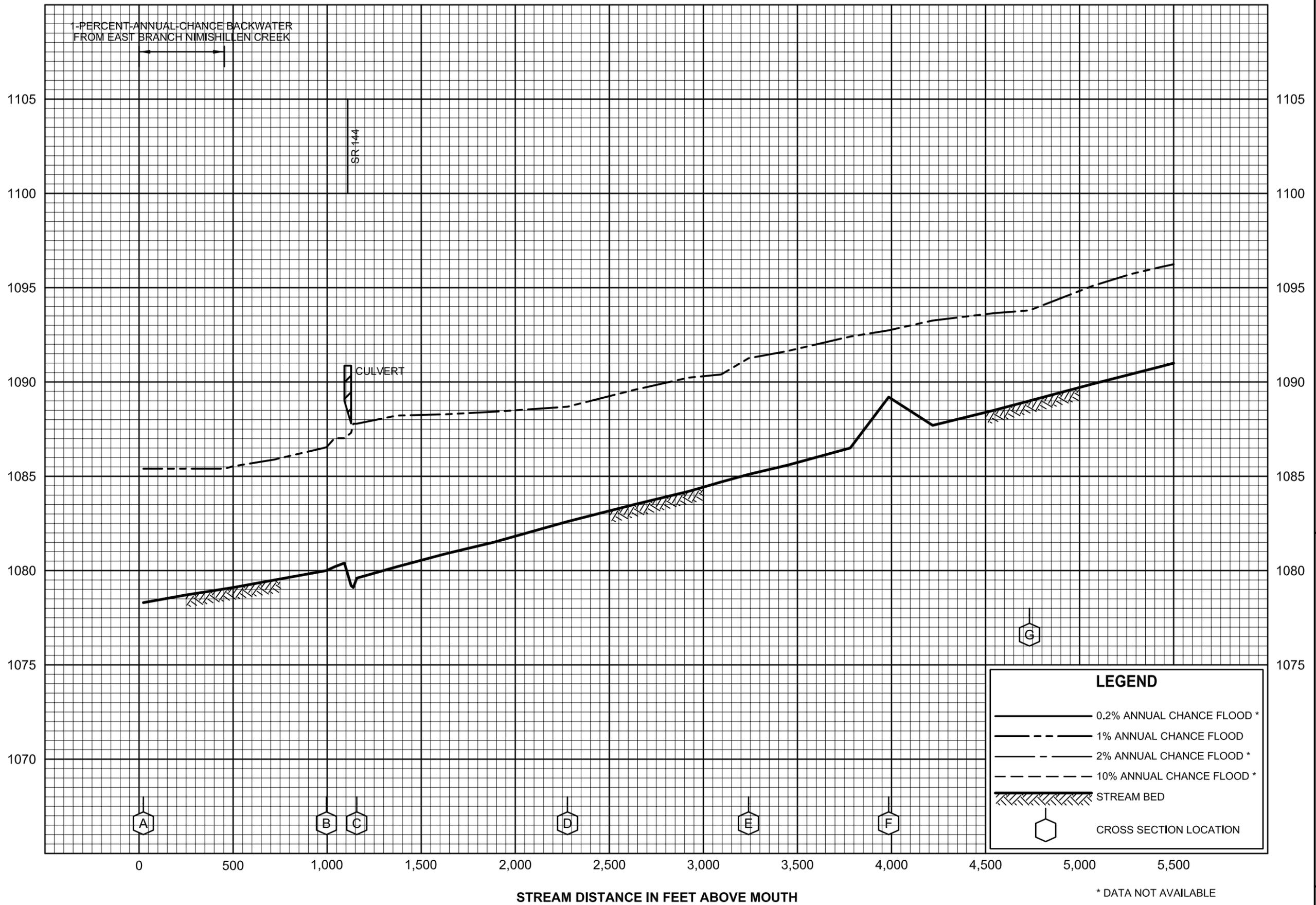
LEGEND

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

**FLOOD PROFILES
TUSCARAWAS RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



FLOOD PROFILES

UNNAMED TRIBUTARY TO EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

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

* DATA NOT AVAILABLE

FLOOD PROFILES

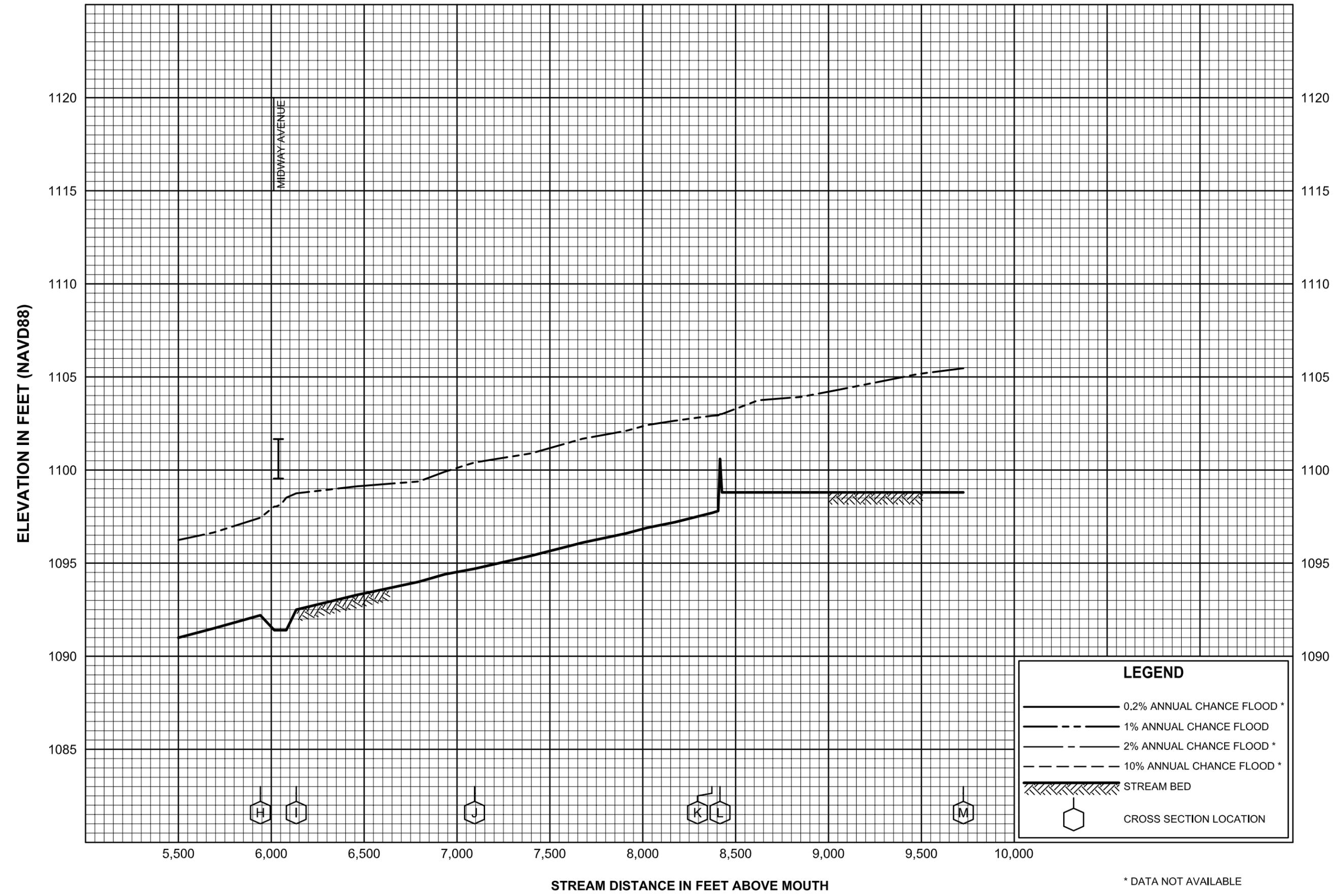
UNNAMED TRIBUTARY TO EAST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

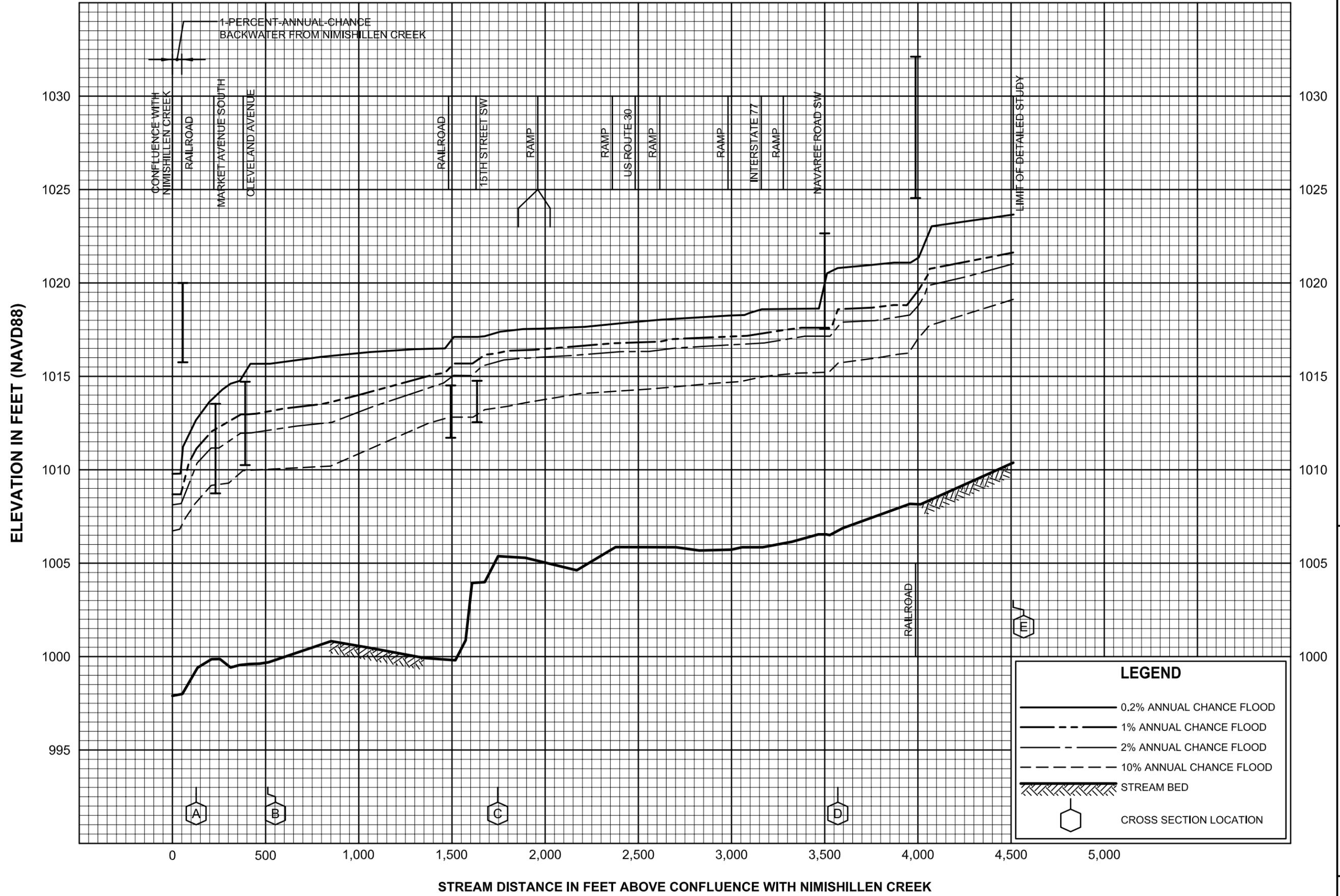
67P



LEGEND

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

* DATA NOT AVAILABLE



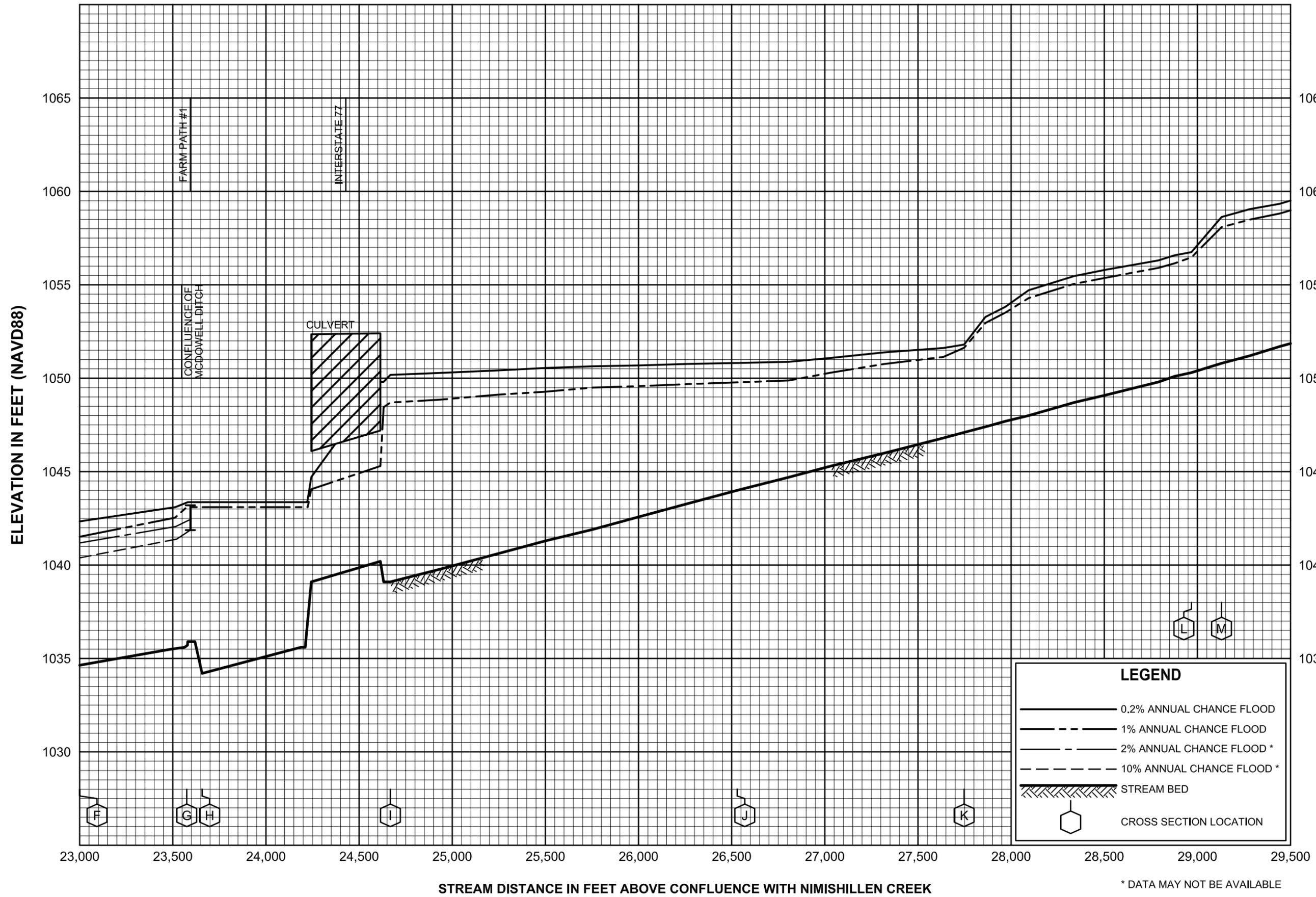
FLOOD PROFILES

WEST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

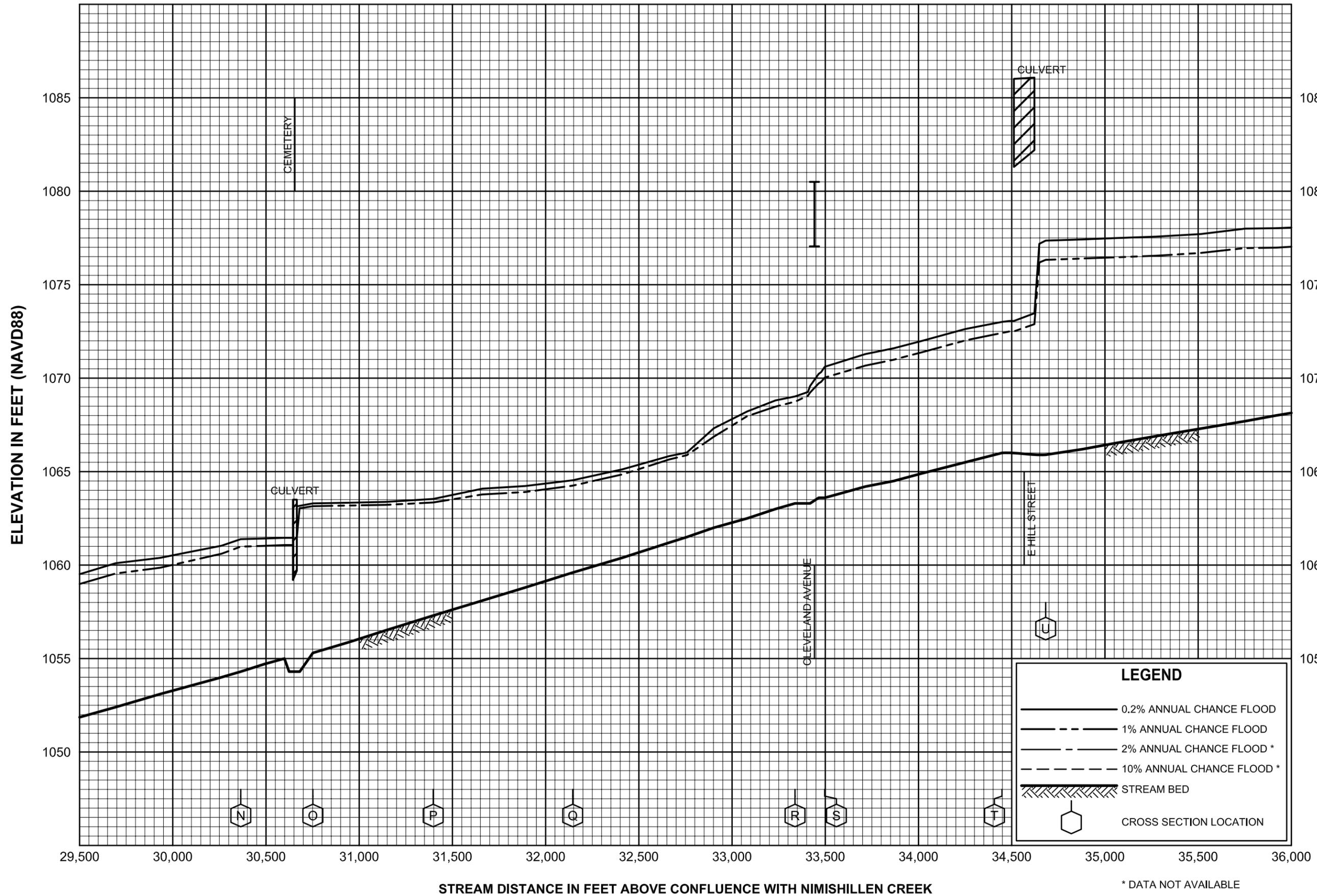
AND INCORPORATED AREAS



FLOOD PROFILES
WEST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
 AND INCORPORATED AREAS

* DATA MAY NOT BE AVAILABLE



FLOOD PROFILES

WEST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

FLOOD PROFILES

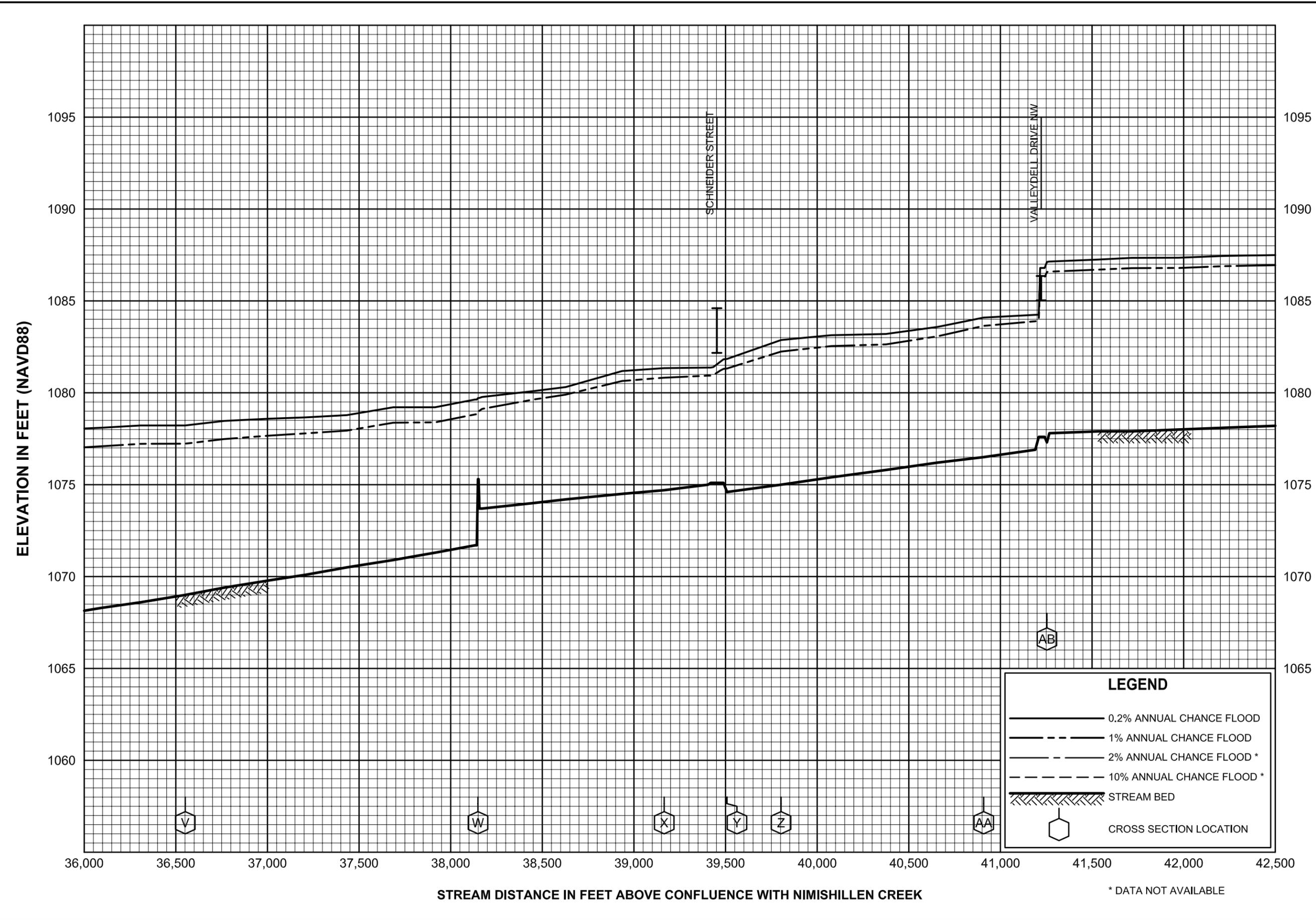
WEST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

71P



* DATA NOT AVAILABLE

FLOOD PROFILES

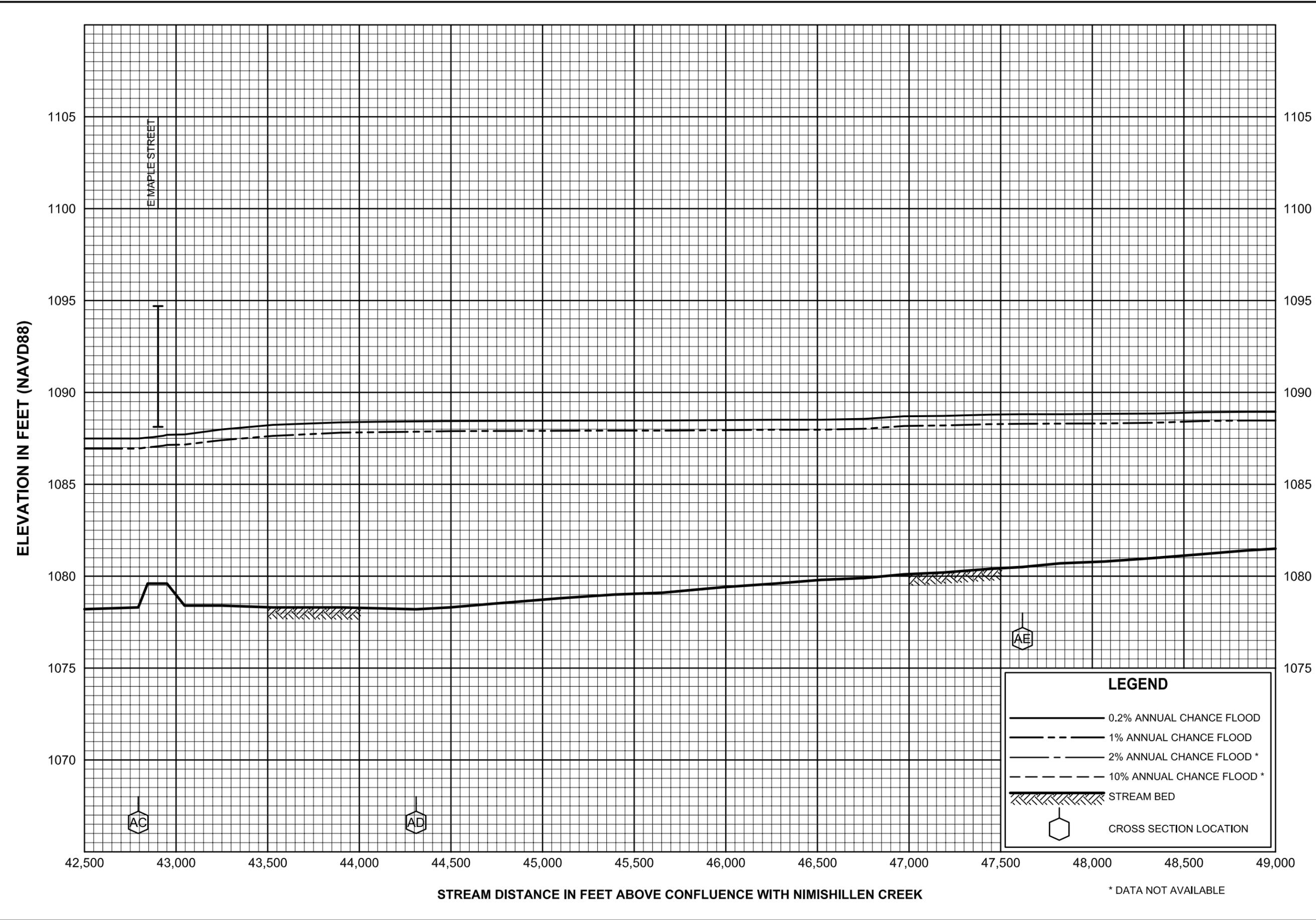
WEST BRANCH NIMISHILLEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

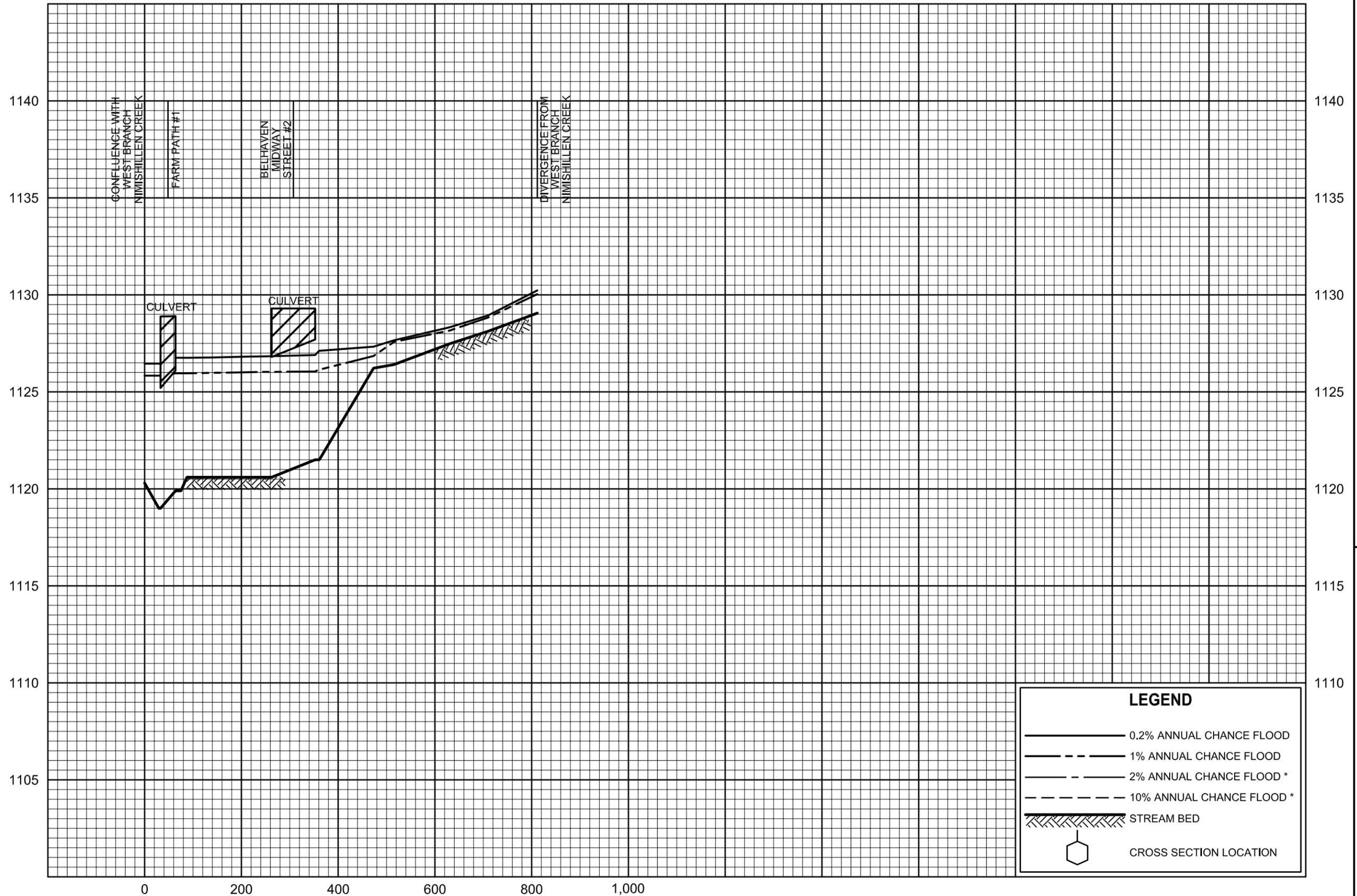
STARK COUNTY, OHIO

AND INCORPORATED AREAS

72P



ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WEST BRANCH NIMISHILLEN CREEK

* DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

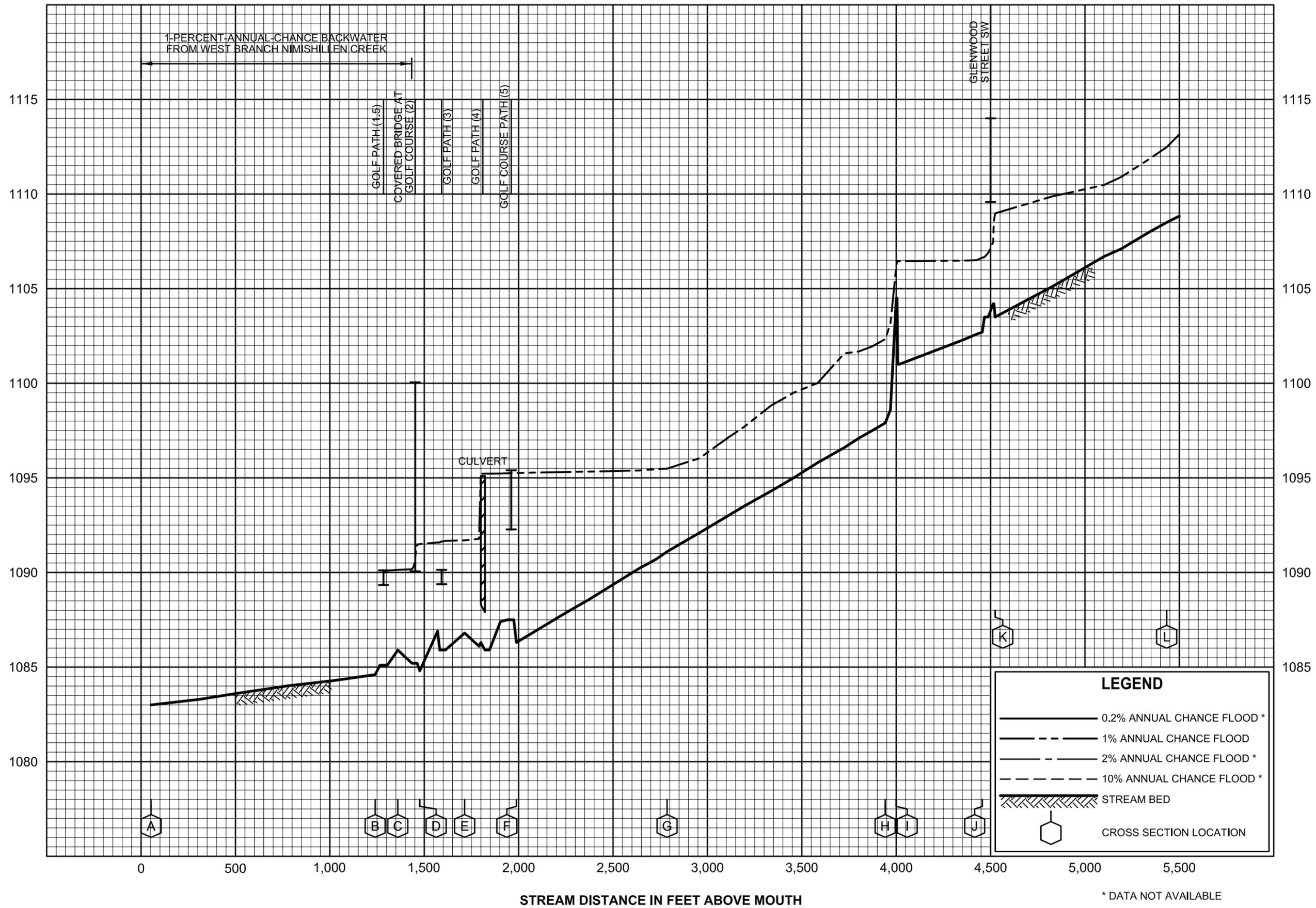
AND INCORPORATED AREAS

FLOOD PROFILES

WEST BRANCH NIMISHILLEN CREEK OVERFLOW

77P

ELEVATION IN FEET (NAVD88)



FLOOD PROFILES

WEST BRANCH NIMISHILLEN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



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

STREAM DISTANCE IN FEET ABOVE MOUTH

* DATA NOT AVAILABLE

LEGEND

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

FLOOD PROFILES

WEST BRANCH NIMISHILLEN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

WEST BRANCH NIMISHILLEN CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

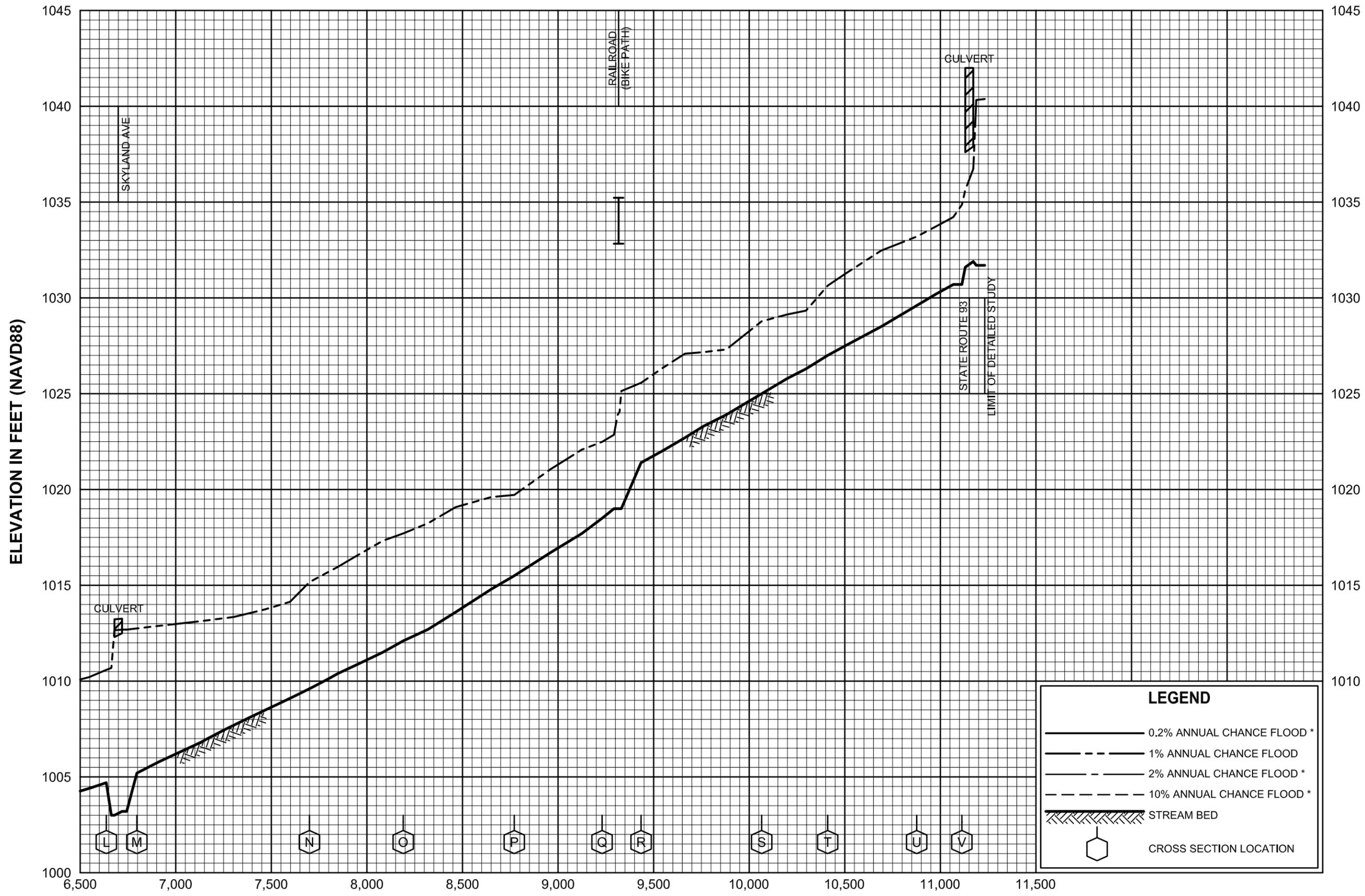
STARK COUNTY, OHIO

AND INCORPORATED AREAS



FLOOD PROFILES
WEST SIPPO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

STREAM DISTANCE IN FEET ABOVE A POINT APPROXIMATELY 106 FEET DOWNSTREAM OF DEERMONT AVENUE

* DATA NOT AVAILABLE

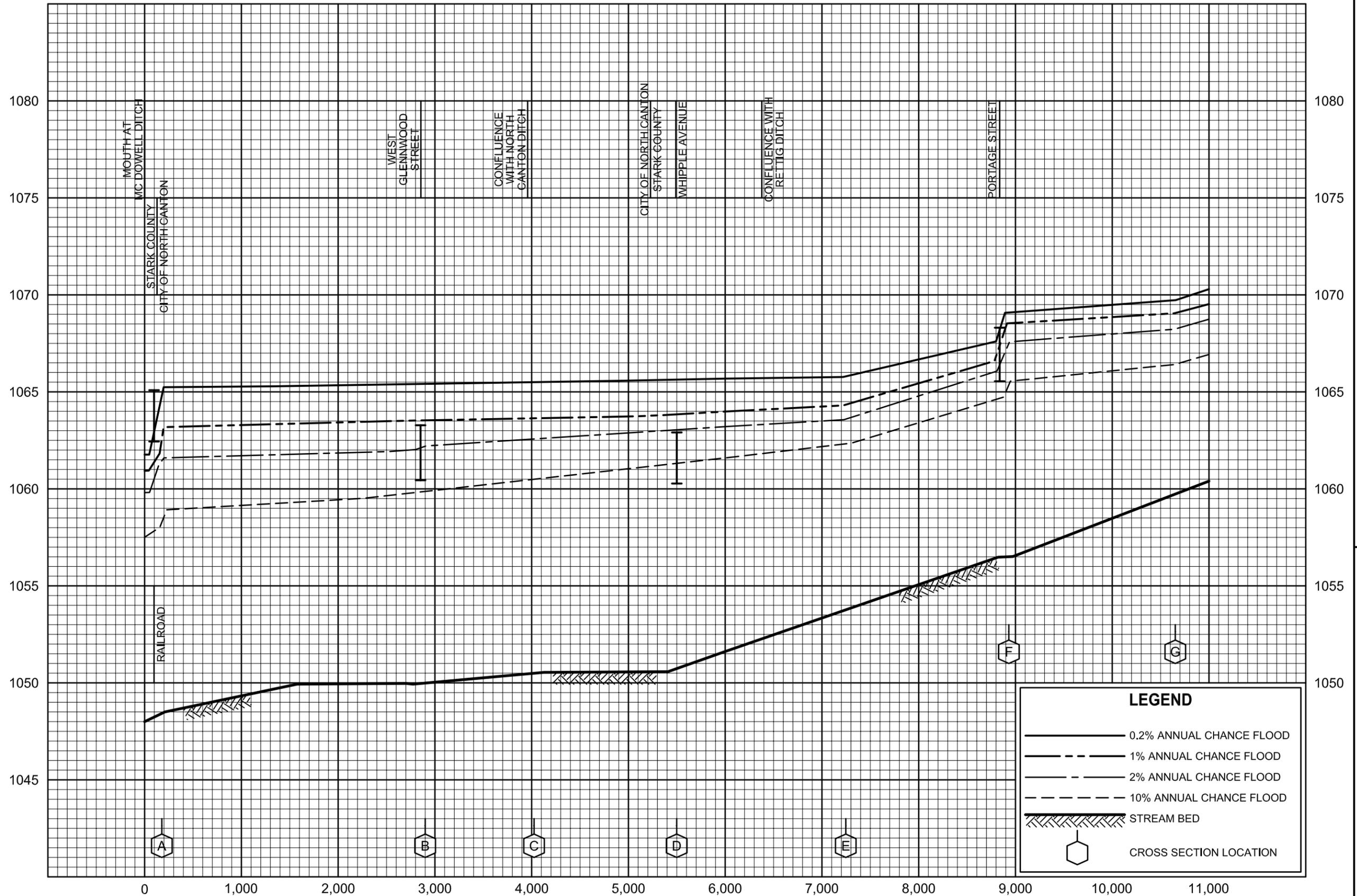
LEGEND

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

**FLOOD PROFILES
WEST SIPPO CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



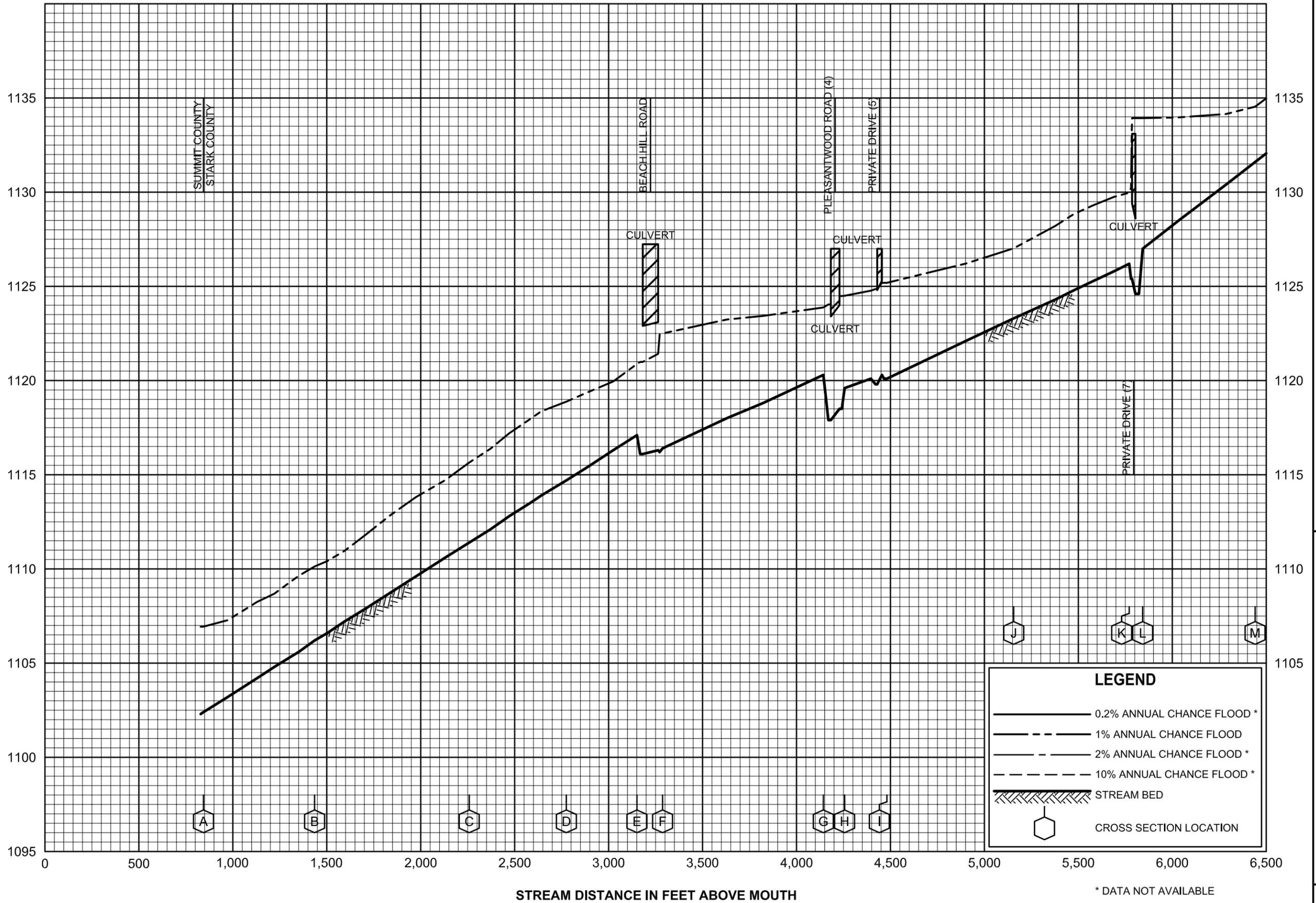
LEGEND

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

FLOOD PROFILES
ZIMBER DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
STARK COUNTY, OHIO
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)



STREAM DISTANCE IN FEET ABOVE MOUTH

* DATA NOT AVAILABLE

LEGEND

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

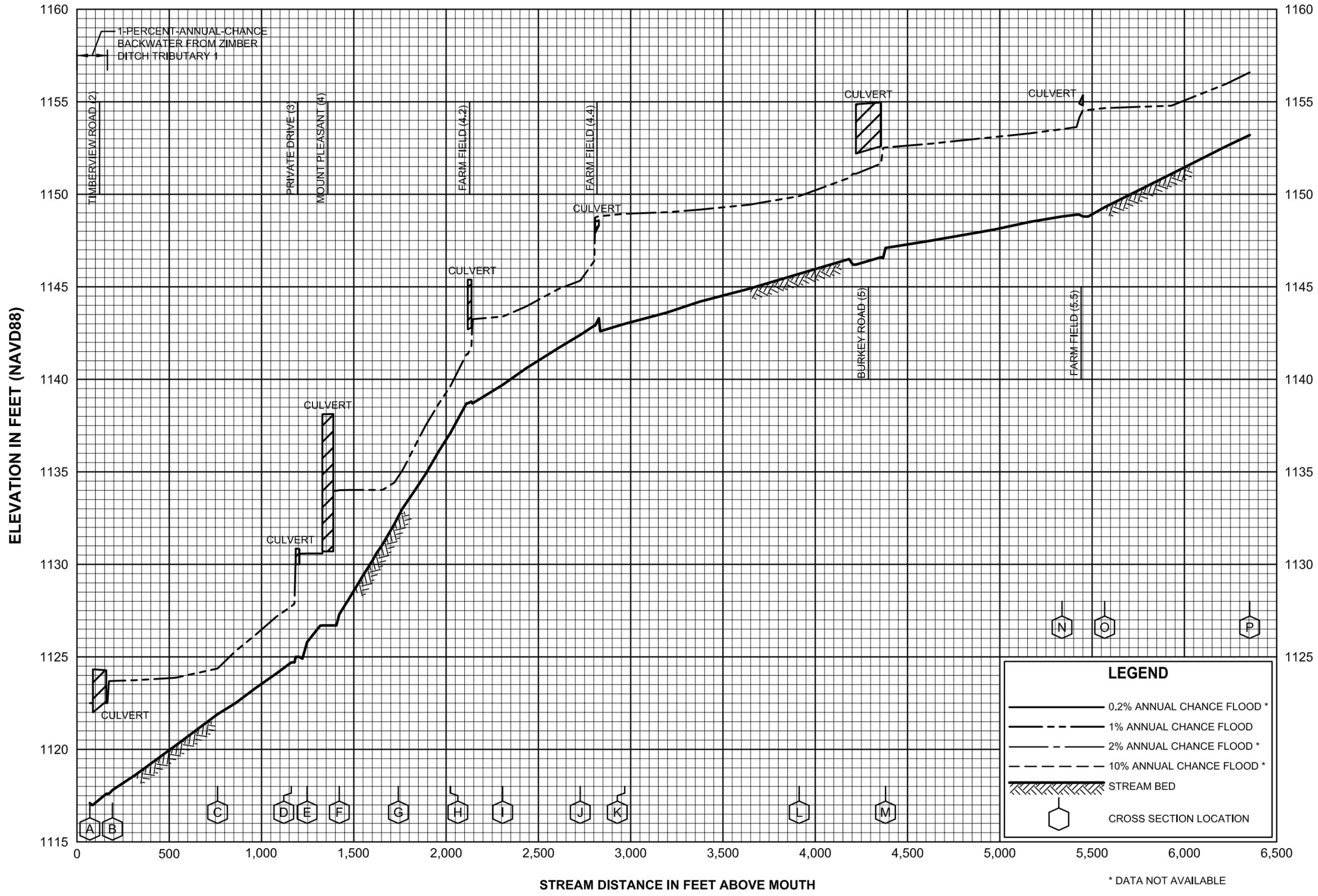
FLOOD PROFILES

ZIMBER DITCH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS



ELEVATION IN FEET (NAVD88)

STREAM DISTANCE IN FEET ABOVE MOUTH

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

ZIMBER DITCH TRIBUTARY 1A

FEDERAL EMERGENCY MANAGEMENT AGENCY

STARK COUNTY, OHIO

AND INCORPORATED AREAS