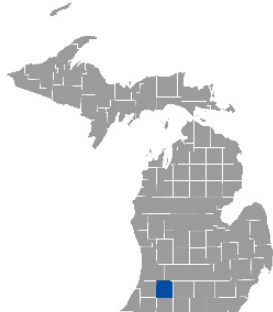


FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 2



KALAMAZOO COUNTY, MICHIGAN (ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
ALAMO, TOWNSHIP OF*	261387	PARCHMENT, CITY OF	260319
AUGUSTA, VILLAGE OF	260312	PAVILION, TOWNSHIP OF*	260907
BRADY, TOWNSHIP OF	261388	PORTAGE, CITY OF	260577
CHARLESTON, TOWNSHIP OF	260426	PRAIRIE RONDE, TOWNSHIP OF	261392
CLIMAX, TOWNSHIP OF	261389	RICHLAND, TOWNSHIP OF	260885
CLIMAX, VILLAGE OF*	261385	RICHLAND, VILLAGE OF*	261015
COMSTOCK, CHARTER TOWNSHIP OF	260427	ROSS, TOWNSHIP OF	260624
COOPER, CHARTER TOWNSHIP OF	260428	SCHOOLCRAFT, TOWNSHIP OF	261394
GALESBURG, CITY OF	260576	SCHOOLCRAFT, VILLAGE OF*	261386
KALAMAZOO, CHARTER TOWNSHIP OF	260429	TEXAS, CHARTER TOWNSHIP OF	261395
KALAMAZOO, CITY OF	260315	VICKSBURG, VILLAGE OF	260578
OSHTEMO, CHARTER TOWNSHIP OF	260736	WAKESHMA, TOWNSHIP OF*	261396

*No Special Flood Hazard Areas Identified

REVISED:

JULY 31, 2024

FLOOD INSURANCE STUDY NUMBER

26077CV002B

Version Number 2.5.3.6



FEMA

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Exhibits

Flood Profiles	<u>Panel</u>
Arcadia Creek	01-04 P
Augusta Creek	05-06 P
Campus Drive Diversion	07 P
Comstock Creek	08-11 P
Consolidation Drain No. 1	12 P
Davis Creek	13 P
Flowerfield Creek	14-19 P
Flowerfield Creek East Tributary	20-21 P
Flowerfield Creek West Tributary	22 P
Gourdneck Canal	23-24 P
Howard Street Diversion	25 P
Kalamazoo River	26-34 P
Portage Creek	35-44 P
Spring Creek	45-46 P
West Fork Portage Creek	47-48 P

Published Separately

Flood Insurance Rate Map (FIRM)

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 Kalamazoo 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 27, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.
- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 27 but not identified on the map, the community is treated as if it were unmapped.
- *Initial FHBM Effective Date* is the effective date of the first FHBM. This date may be the same date as the Initial NFIP Map Date.
- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.
- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community.
- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as PMRs of FIRM panels within the county are completed, the FIRM Revision Dates in the table for each community affected by the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Kalamazoo County FIRMs in countywide format was 2/17/2010.

Table 27: Community Map History

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Alamo, Township of ^{1, 2}	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Augusta, Village of	3/8/1974	3/8/1974	2/7/1975	3/15/1982	7/31/2024 2/17/2010
Brady, Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Charleston, Township of	7/25/1975	7/25/1975	N/A	4/15/1982	7/31/2024 2/17/2010
Climax, Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Climax, Village of ^{1, 2}	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Comstock, Charter Township of	10/10/1975	10/10/1975	N/A	11/17/1982	7/31/2024 2/17/2010
Cooper, Charter Township of	4/1/1977	4/1/1977	N/A	9/28/1979	7/31/2024 2/17/2010
Galesburg, City of	10/24/1975	10/24/1975	N/A	4/1/1982	7/31/2024 2/17/2010
Kalamazoo, Charter Township of	5/20/1977	5/20/1977	N/A	6/15/1982	7/31/2024 2/17/2010 6/15/1994
Kalamazoo, City of	2/15/1974	2/15/1974	8/15/1975	5/1/1985	7/31/2024 2/17/2010 9/30/1992
Oshtemo, Charter Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Parchment, City of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Pavilion, Township of ^{1,2}	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Portage, City of	9/19/1975	9/19/1975	N/A	5/16/1983	7/31/2024 2/17/2010

¹ No Special Flood Hazard Areas Identified

² This community did not have a FIRM prior to the first countywide FIRM for Kalamazoo County

Table 27: Community Map History (continued)

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Prairie Ronde, Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Richland, Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Richland, Village of ^{1,2}	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Ross, Township of	3/15/1982	N/A	N/A	3/15/1982	7/31/2024 2/17/2010
Schoolcraft, Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Schoolcraft, Village of ^{1,2}	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Texas, Charter Township of ²	2/17/2010	N/A	N/A	2/17/2010	7/31/2024
Vicksburg, Village of	10/24/1975	10/24/1975	N/A	7/2/1987	7/31/2024 2/17/2010
Wakeshma, Township of ^{1,2}	2/17/2010	N/A	N/A	2/17/2010	7/31/2024

¹ No Special Flood Hazard Areas Identified

² This community did not have a FIRM prior to the first countywide FIRM for Kalamazoo County

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

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

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Arcadia Creek	9/30/1992	Wade, Trim and Associates, Inc.	H-4802	1981	Kalamazoo, City of
Arcadia Creek	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Kalamazoo, City of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Augusta Creek	9/15/1981	Commonwealth Associates Inc.	H-4729	1980	Augusta, Village of; Charleston, Township of
Augusta Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Augusta, Village of; Ross, Township of
Augusta Creek Tributary A	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Ross, Township of
Augusta Creek Tributary B	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Ross, Township of
Austin Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Portage, City of
Campus Drive Diversion	9/30/1992	Wade, Trim and Associates, Inc.	H-4802	1981	Kalamazoo, City of
Comstock Creek	5/17/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Comstock, Charter Township of
Comstock Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Comstock, Charter Township of
Consolidated Drain No. 1	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Portage, City of
Davis Creek	6/15/1994	USACE, Detroit District	EMW-91-E-3529	1992	Kalamazoo, Charter Township of
Davis Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Kalamazoo, Charter Township of; Kalamazoo, City of
Flowerfield Creek	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Prairie Ronde, Township of
Flowerfield Creek East Tributary	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Prairie Ronde, Township of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Flowerfield Creek West Tributary	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	1996	Prairie Ronde, Township of
Gourdneck Canal	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Portage, City of
Gourdneck Canal	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Schoolcraft, Township of; Portage, City of
Gourdneck Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Schoolcraft, Township of; Portage, City of
Gourdneck Creek Tributary 1	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Schoolcraft, Township of
Gourdneck Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Portage, City of; Schoolcraft, Township of
Grass Lake	11/16/1982	N/A	N/A	1981	Richland, Township of
Gull Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Charleston, Township of; Ross, Township of
Gull Lake	11/16/1982	N/A	N/A	1981	Richland, Township of; Ross, Township of
Hogset Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Schoolcraft, Township of
Howard Street Diversion	9/30/1992	Wade, Trim and Associates, Inc.	H-4802	1981	Kalamazoo, City of
Kalamazoo River	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Cooper, Charter Township of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Kalamazoo River	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Augusta, Village of; Charleston, Township of; Comstock, Charter Township of; Cooper, Charter Township of; Kalamazoo, Charter Township of; Kalamazoo, City of; Parchment, City of; Ross, Township of
Kalamazoo River (US)	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Ross, Township of
Kalamazoo River Trib 1	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Cooper, Charter Township of
Kalamazoo River Trib 16	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Charleston, Township of; Ross, Township of
Kalamazoo River Trib 17	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Ross, Township of
Little Sugarloaf Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Portage, City of; Schoolcraft, Township of
Portage Creek (Zone AE)	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Kalamazoo, City of; Portage, City of
Portage Creek (Zone A)	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Portage, City of; Texas, Charter Township of
Portage Creek (Village of Vicksburg)	7/31/2024	STARR II	HSFE60-15-D-0005	2020	Schoolcraft, Township of; Vicksburg, Village of
Sevenmile Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Ross, Township of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Silver Creek	7/31/2024	STARR II	HSFEH Q09-D-0370	2016	Cooper, Charter Township of
Spring Brook	2/17/2010	Stantec Consulting Services, Inc.	HSFE05 -05-D-0026	2007	Cooper, Charter Township of
Spring Creek	2/17/2010	USDA Natural Resources Conservation Service (NRCS)	N/A	1996	Schoolcraft, Township of
Sugarloaf (Lower) Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Schoolcraft, Township of
Sugarloaf (Upper) Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Portage, City of; Schoolcraft, Township of
Tributary to Kalamazoo River	7/31/2024	STARR II	HSFE60 -15-D-0005	2020	Comstock, Charter Township of; Kalamazoo, Charter Township of
Tributary to Portage Creek	7/31/2024	STARR II	HSFE60 -15-D-0005	2020	Portage, City of
Tributary to West Fork Portage Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05 -05-D-0026	2007	Kalamazoo, City of
Unnamed Trib. 1	7/31/2024	STARR II	HSFE60 -15-D-0005	2020	Portage, City of
Weeds Lake	11/16/1982	N/A	N/A	1981	Texas, Charter Township of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
West Fork Portage Creek	11/16/1982	U.S. Department of Agriculture (USDA), Soil Conservation Service (SCS)	N/A	1978	Kalamazoo, City of; Portage, City of
West Fork Portage Creek	2/17/2010	Stantec Consulting Services, Inc.	HSFE05-05-D-0026	2007	Kalamazoo, City of; Portage, City of
West Lake	11/16/1982	Wade, Trim and Associates, Inc.	H-4802	1981	Portage, City of
Zone A Lakes (Asylum Lake, Eagle Lake, Jordan Lake, Rock Quarry Lakes, Sunset Lake)	7/31/2024	STARR II	HSFE60-15-D-0005	Unknown	Charleston, Township of; Climax, Township of; Comstock, Charter Township of; Kalamazoo, City of; Schoolcraft, Township of; Vicksburg, Village of
Zone A Lakes (Duck Lake, Eagle Lake, Goslins Lake, Grassy Lake, Mud Lake, Oatman Lake, Portage Lake, Potter Lake, Stony Lake, Unnamed Lakes)	1981	Unknown	N/A	Unknown	Charleston, Township of; Climax, Township of; Oshtemo, Charter Township of; Portage, City of; Richland, Township of; Ross, Township of; Texas, Charter Township of

7.2 Community Meetings

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

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Alamo, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Augusta, Village of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Augusta, Village of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Brady, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Charleston, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Charleston, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Charleston, Township of (continued)	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Climax, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Climax, Township of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Climax, Village of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Comstock, Charter Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Comstock, Charter Township of (continued)	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Cooper, Charter Township of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Cooper, Charter Township of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Galesburg, City of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Kalamazoo, Charter Township of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Kalamazoo, City of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Kalamazoo, City of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Oshtemo, Charter Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Parchment, City of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Pavilion, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Pavilion, Township of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Portage, City of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Prairie Ronde, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Richland, Township of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Richland, Township of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Richland, Village of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Ross, Township of	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Schoolcraft, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Schoolcraft, Township of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Schoolcraft, Village of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Texas, Charter Township of	7/31/2024	01/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Vicksburg, Village of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Vicksburg, Village of (continued)	7/31/2024	8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
		6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg
Wakeshma, Township of	7/31/2024	1/15/2015	Project Discovery	Representatives of Charter Township of Comstock, Charter Township of Oshtemo, Charter Township of Texas, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Prairie Ronde, Township of Schoolcraft, Township of Wakeshma, Village of Schoolcraft, Village of Vicksburg
		8/6/2019	Flood Risk Review	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

Table 29: Community Meetings (*continued*)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Wakeshma, Township of (continued)	7/31/2024	6/8/2021	Final CCO	Representatives of Charter Township of Comstock, Charter Township of Cooper, Charter Township of Kalamazoo, Charter Township of Oshtemo, Charter Township of Texas, City of Galesburg, City of Kalamazoo, City of Parchment, City of Portage, Federal Emergency Management Agency, Michigan Dept. of Env. Great Lakes and Energy, STARR II, Township of Alamo, Township of Brady, Township of Charleston, Township of Climax, Township of Pavilion, Township of Prairie Ronde, Township of Richland, Township of Ross, Township of Schoolcraft, Township of Wakeshma, Village of Augusta, Village of Climax, Village of Richland, Village of Schoolcraft, Village of Vicksburg

SECTION 8.0 – ADDITIONAL INFORMATION

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

The additional data that was used for this project includes: the FIS Report and FIRM that were previously prepared for Kalamazoo County, Michigan (FEMA 2010a and FEMA 2010); the National Flood Hazard Layer Dataset (FEMA 2010b); Allegan County, Michigan Zone A studies (STARR II 2016); the updated Kalamazoo County hydrology (STARR II 2020a and STARR II 2020b), hydraulics (STARR II, STARR II 2019); and FIRM Panel Index for Kalamazoo County (STARR II 2020c).

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

Table 30: Map Repositories

Community	Address	City	State	Zip Code
Alamo, Township of ¹	Alamo Town Hall 7901 North 6 th Street	Kalamazoo	MI	49009
Augusta, Village of	Village Hall 109 West Clinton Street	Augusta	MI	49012
Brady, Township of	Brady Town Hall 13123 South 24 th Street	Vicksburg	MI	49097
Charleston, Township of	Charleston Township Hall 1499 South 38 th Street	Galesburg	MI	49053
Climax, Township of	Township Hall 110 North Main Street	Climax	MI	49034
Climax, Village of ¹	Village Hall 114 East Maple Street	Climax	MI	49034
Comstock, Charter Township of	Comstock Township Offices 6138 King Highway	Kalamazoo	MI	49048
Cooper, Charter Township of	Cooper Township Offices 1590 D Avenue West	Kalamazoo	MI	49009
Galesburg, City of	City Hall 200 East Michigan Avenue	Galesburg	MI	49053
Kalamazoo, Charter Township of	Township Hall 1720 Riverview Drive	Kalamazoo	MI	49004
Kalamazoo, City of	City Hall 241 West South Street	Kalamazoo	MI	49007

Table 30: Map Repositories (continued)

Community	Address	City	State	Zip Code
Oshtemo, Charter Township of	Oshtemo Township Offices 7275 West Main Street	Kalamazoo	MI	49009
Parchment, City of	City Hall 650 South Riverview Drive	Parchment	MI	49004
Pavilion, Township of ¹	Pavilion Township Hall 7510 Q Avenue East	Scotts	MI	49088
Portage, City of	City Hall 7900 South Westnedge Avenue	Portage	MI	49002
Prairie Ronde, Township of	Prairie Ronde Township Hall 14050 South 6 th Street	Schoolcraft	MI	49087
Richland, Township of	Township Offices 7401 North 32 nd Street	Richland	MI	49083
Richland, Village of ¹	Village Hall 8100 North 32 nd Street	Richland	MI	49083
Ross, Township of	Ross Township Offices 12086 East M-89	Richland	MI	49083
Schoolcraft, Township of	Schoolcraft Township Hall 50 VW Avenue East	Vicksburg	MI	49097
Schoolcraft, Village of ¹	Municipal Complex 442 North Grand Street	Schoolcraft	MI	49087
Texas, Charter Township of	Texas Township Hall 7110 West Q Avenue	Kalamazoo	MI	49009
Vicksburg, Village of	Village Hall 126 North Kalamazoo Avenue	Vicksburg	MI	49097
Wakeshma, Township of ¹	Wakeshma Township Office 13988 South 42 nd Street	Fulton	MI	49052

¹ No Special Flood Hazard Areas Identified

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

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

Table 31: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	https://www.fema.gov/flood-maps/products-tools/know-your-risk/engineers-surveyors-architects
NFIP website	www.fema.gov/flood-insurance
NFHL Dataset	msc.fema.gov
FEMA Region V	Federal Emergency Management Agency 536 South Clark Street, 6th Floor Chicago, IL 60605 312-408-5500
Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Matt Occhipinti Michigan Department of Environment, Great Lakes, and Energy Constitution Hall 525 West Allegan Street Lansing, Michigan 48909-7973 (616) 204-1708 occhipintim@michigan.gov
State GIS Coordinator	Eric Swanson Director, Center for Shared Solutions State of Michigan 111 S Capitol Avenue Lansing, Michigan 48933 Phone: (517) 373-7910 dtmb-css@michigan.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

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

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2010	Federal Emergency Management Agency	Hydraulic Modeling for Zone A Floodplains	Stantec Consulting Inc.	Washington, D.C.	February 17, 2010	
FEMA 2010a	Federal Emergency Management Agency	Flood Insurance Study, Kalamazoo County, Michigan (All Jurisdictions)	FEMA	Washington, D.C.	February 17, 2010	msc.fema.gov
FEMA 2010b	Federal Emergency Management Agency	National Flood Hazard Layer Dataset	FEMA	Washington, D.C.	February 17, 2010	
MI OPEN GIS 2016	State of Michigan Center for Shared Solutions and Technology Partnerships	Base Map for Kalamazoo County, MI	State of Michigan Center for Shared Solutions	Lansing, MI	June 2014	https://gis-michigan.open-data.arcgis.com/
MiSAIL 2015	Michigan Statewide Authoritative Imagery and LiDAR (MiSAIL) - Department of Technology, Management and Budget (DTMB)	Terrain Tiled DEM 2015	Department of Technology, Management and Budget	Lansing, MI	2015	
MiSAIL 2016	Michigan Statewide Authoritative Imagery and LiDAR (MiSAIL) - Department of Technology, Management and Budget (DTMB)	National Agriculture Imagery Program (NAIP), Ortho-imagery 2016	National Resources Conservation Service (NRCS)	Lansing, MI	December 22, 2016	

Table 32: Bibliography and References (continued)

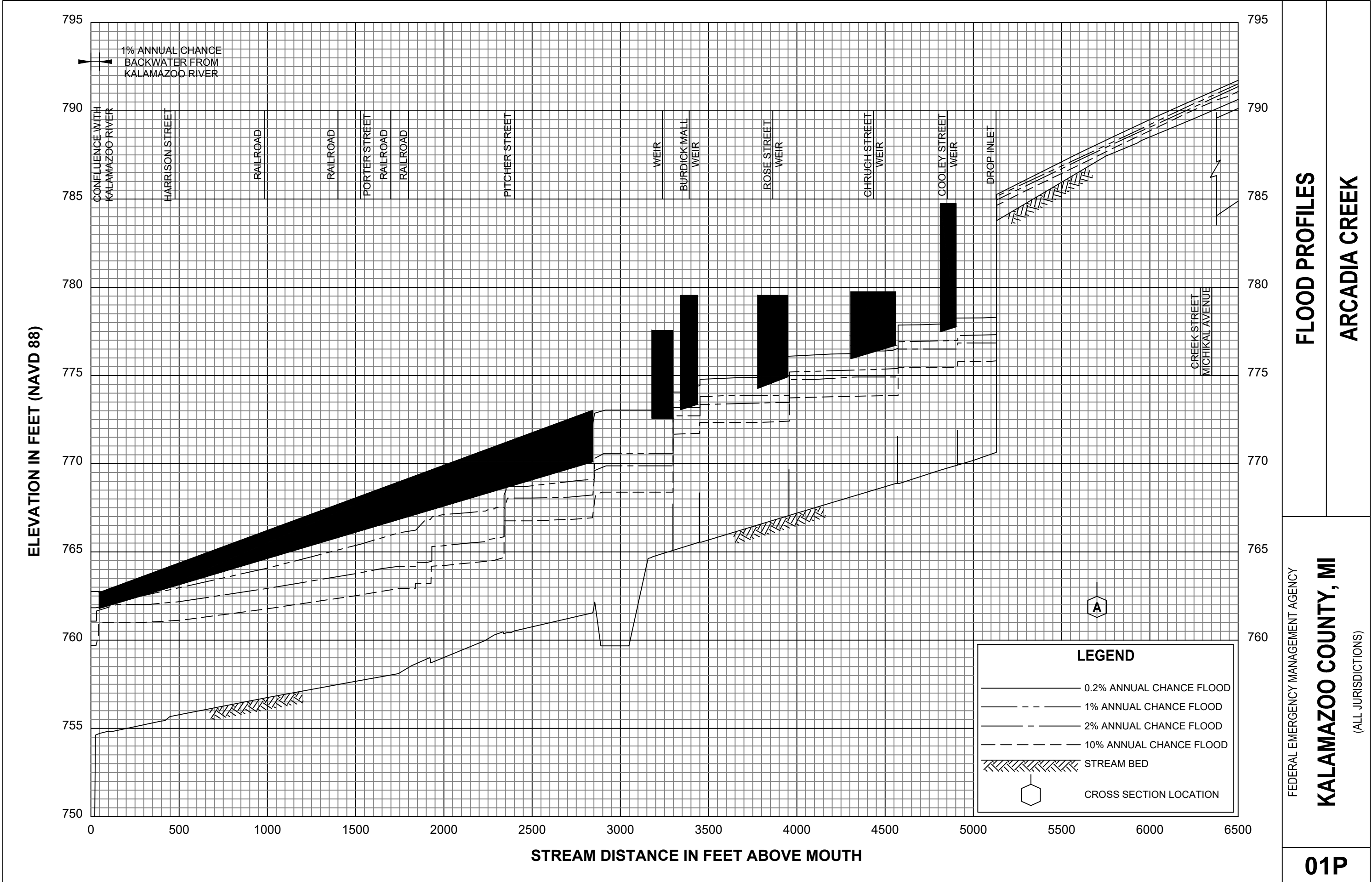
Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
MiSAIL 2018	Michigan Statewide Authoritative Imagery and LiDAR (MiSAIL) - Department of Technology, Management and Budget (DTMB)	Orthoimagery for Kalamazoo County, MI	Kalamazoo County, MI	Kalamazoo, MI	2018	
Sorrell 2010	Michigan Department of Natural Resources and Environment Land and Water Management Division	Computing Flood Discharges for Small Ungaged Watersheds	Richard C. Sorrell	Michigan	June 22, 2010	
STARR 2016	Strategic Alliance For Risk Reduction	Zone A Studies, Allegan County, Michigan	STARR II	Washington, D.C.	September 2016	
STARR II 2018	Strategic Alliance For Risk Reduction	Redelineation of Effective Zone AE Reaches and Zone A/AE Lakes within St. Joseph Watershed	STARR II	Cincinnati, OH	January 7, 2018	
STARR II 2019	Federal Emergency Management Agency	FY17 Redelineation and Hydraulic Modeling	STARR II	Washington, D.C.	August 2019	
STARR II 2020a	Strategic Alliance For Risk Reduction	Detailed Studies - Rainfall Runoff	STARR II	Cincinnati, OH	August 5, 2020	
STARR II 2020b	Strategic Alliance For Risk Reduction	Zone A Studies (Michigan) - SCS Modified Regression	STARR II	Cincinnati, OH	August 5, 2020	
STARR II 2024	Strategic Alliance For Risk Reduction	FIRM Panel Index for Kalamazoo County, MI	STARR II	Washington, D.C.	July 31, 2024	

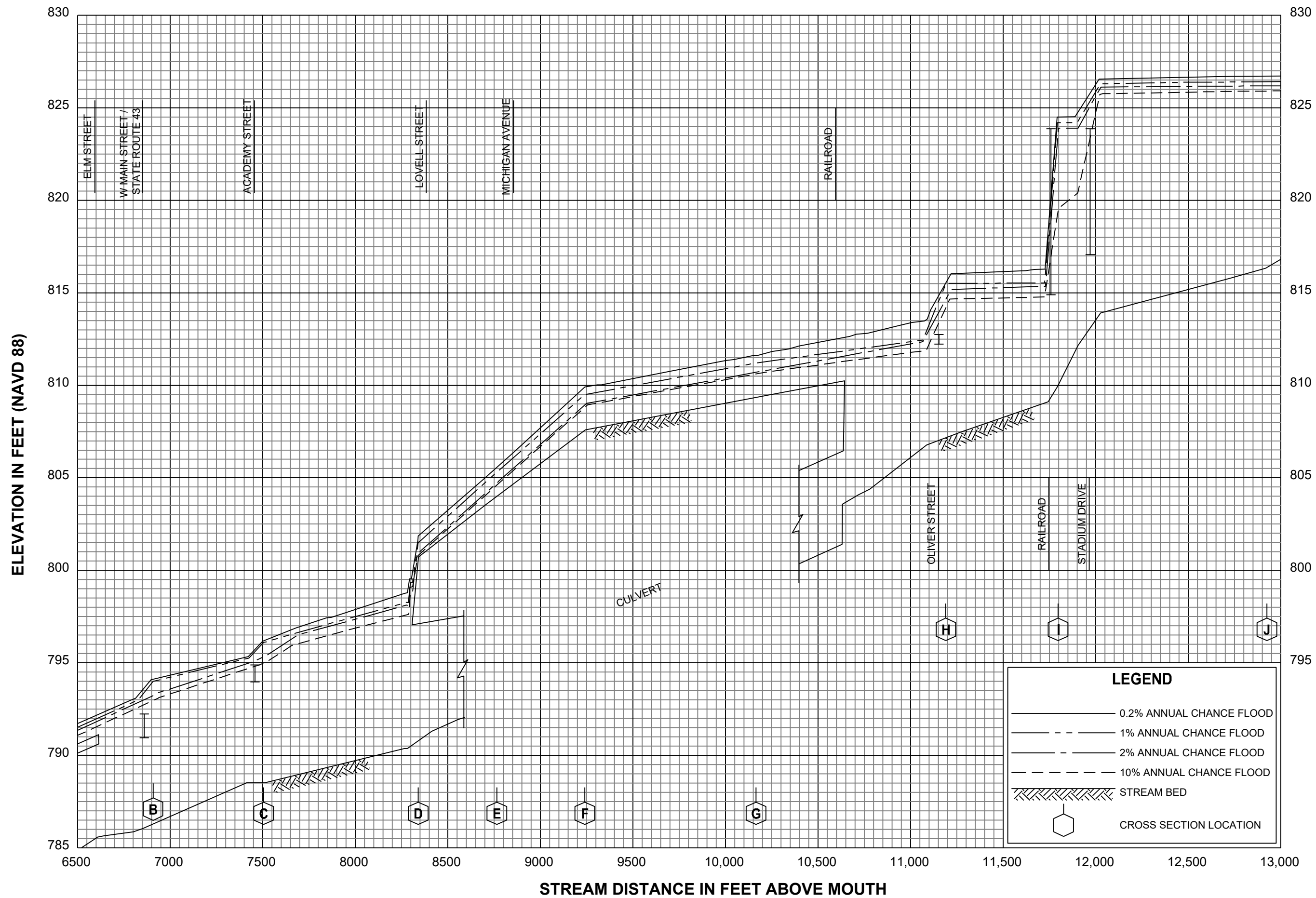
Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE 1976	U.S. Army Corps of Engineers	HEC-2 Water Surface Profiles	U.S. Army Corps of Engineers	Davis, CA	1976	https://wwwhec.usace.army.mil/
USACE 1995	U.S. Army Corps of Engineers	HEC-RAS River Analysis System, Version 1.0	U.S. Army Corps of Engineers	Davis, CA	July 1995	https://wwwhec.usace.army.mil/
USACE 2005	U.S. Army Corps of Engineers	HEC-RAS River Analysis System, Version 3.1.3	U.S. Army Corps of Engineers	Davis, CA	May 2005	https://wwwhec.usace.army.mil/
USACE 2009	U.S. Army Corps of Engineers	Hydrologic Modeling System HEC-HMS Version 3.4	U.S. Army Corps of Engineers	Davis, CA	August 2009	https://wwwhec.usace.army.mil/
USACE 2010	U.S. Army Corps of Engineers	HEC-RAS River Analysis System, Version 4.1.0	U.S. Army Corps of Engineers	Davis, CA	January 2010	https://wwwhec.usace.army.mil/
USACE 2017	U.S. Army Corps of Engineers	Hydrologic Modeling System HEC-HMS version 4.2.1	U.S. Army Corps of Engineers	Davis, CA	March 2017	https://wwwhec.usace.army.mil/
USACE 2017a	U.S. Army Corps of Engineers	Hydrologic Engineering Center, HEC-SSP Statistical Software Package Version 2.0	U.S. Army Corps of Engineers	Davis, CA	January 2017	
USACE 2019	U.S. Army Corps of Engineers	HEC-RAS River Analysis System, Version 5.0.7	U.S. Army Corps of Engineers	Davis, CA	March 7, 2019	https://wwwhec.usace.army.mil/
USDA 1978	U.S. Department of Agriculture, Soil Conservation Service	TR-20 Computer Program Parts I-IV	Corcoran, R.H		1978	

Table 32: Bibliography and References (*continued*)

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
USGS 1973	U.S. Geological Survey	7.5 Minute Series Topographic Maps: Kalamazoo, Scale 1:24,000, Contour Interval 10 feet	U. S. Geological Survey		1973	
USGS 2005	U.S. Geological Survey	PeakFQWin Computer Program Version 5.0	U.S. Geological Survey		July 30, 2005	
USGS 2019	U.S. Geological Survey	USGS Stream Gages	U.S. Geological Survey	Washington, D.C.	January 12, 2019	https://waterdata.usgs.gov/nwis/
U.S. WRC 1976	U.S. Water Resources Council	Guidelines for Determining Flood Flow Frequency, Bulletin 17	U.S. Water Resources Council		March 1976	https://wwwhec.usace.army.mil/





FEDERAL EMERGENCY MANAGEMENT AGENCY

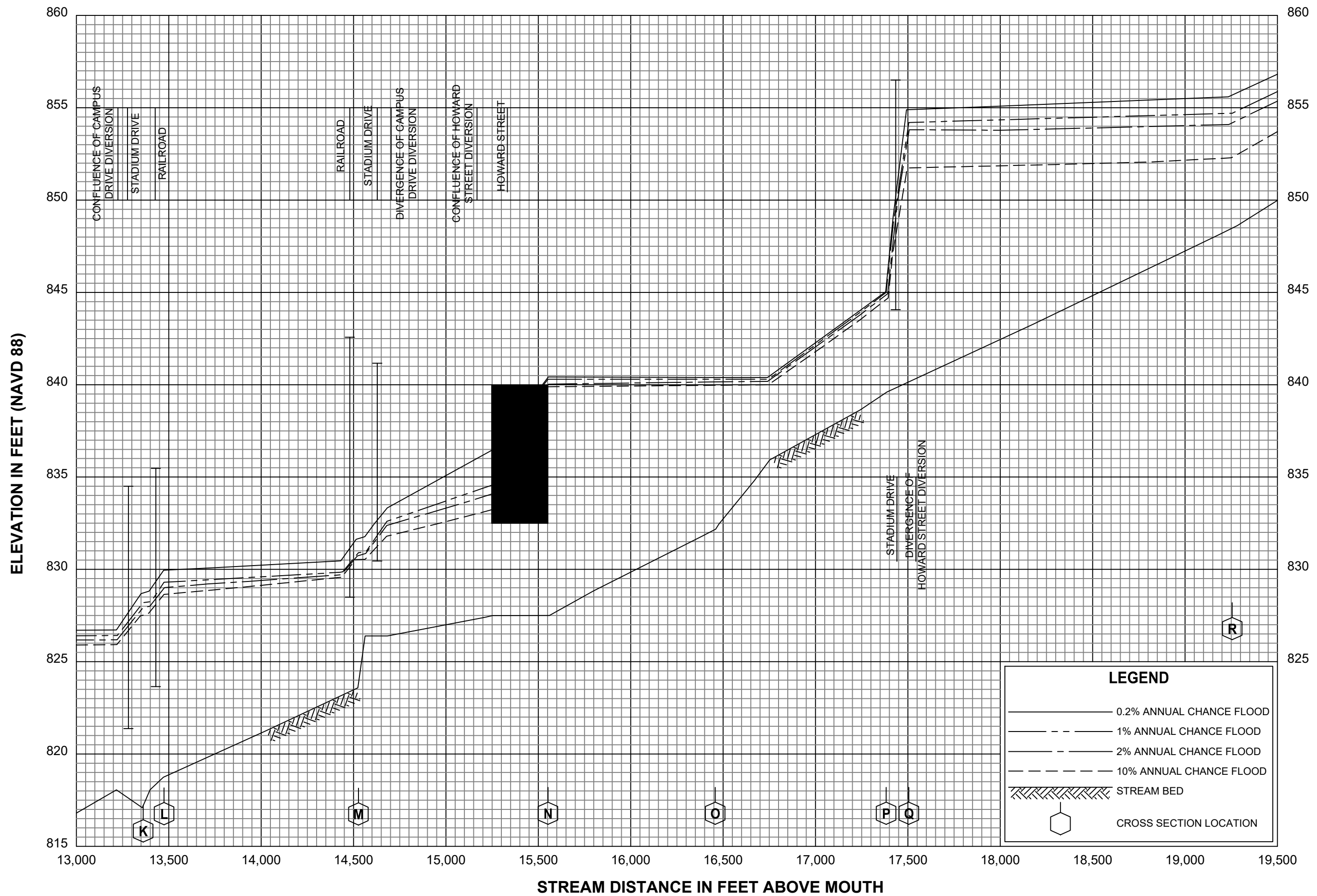
KALAMAZOO COUNTY, MI

(ALL JURISDICTIONS)

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ARCADIA CREEK

02P



FLOOD PROFILES

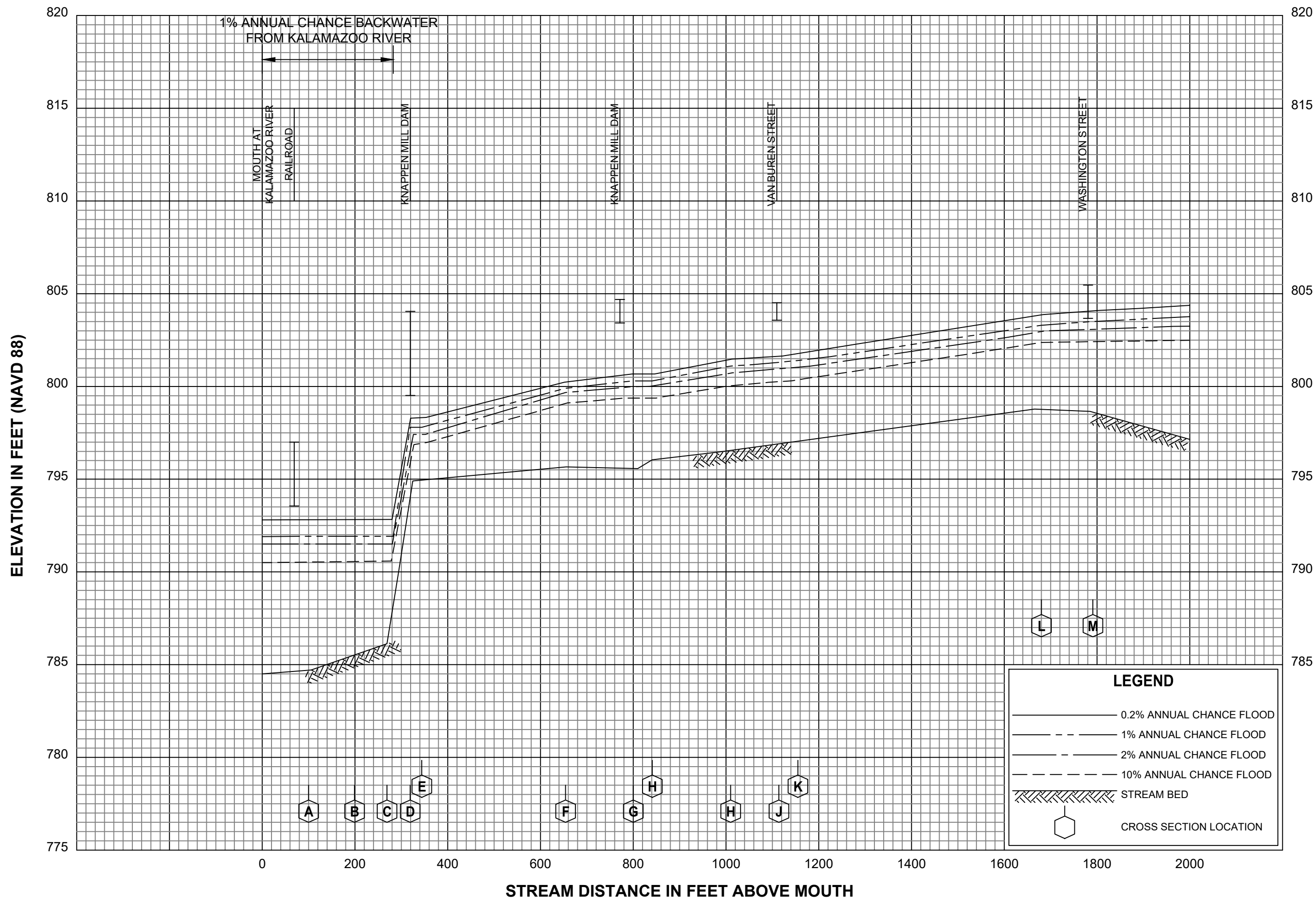
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FEDERAL EMERGENCY MANAGEMENT AGENCY

KALAMAZOO COUNTY, MI

(ALL JURISDICTIONS)

03P



FLOOD PROFILES

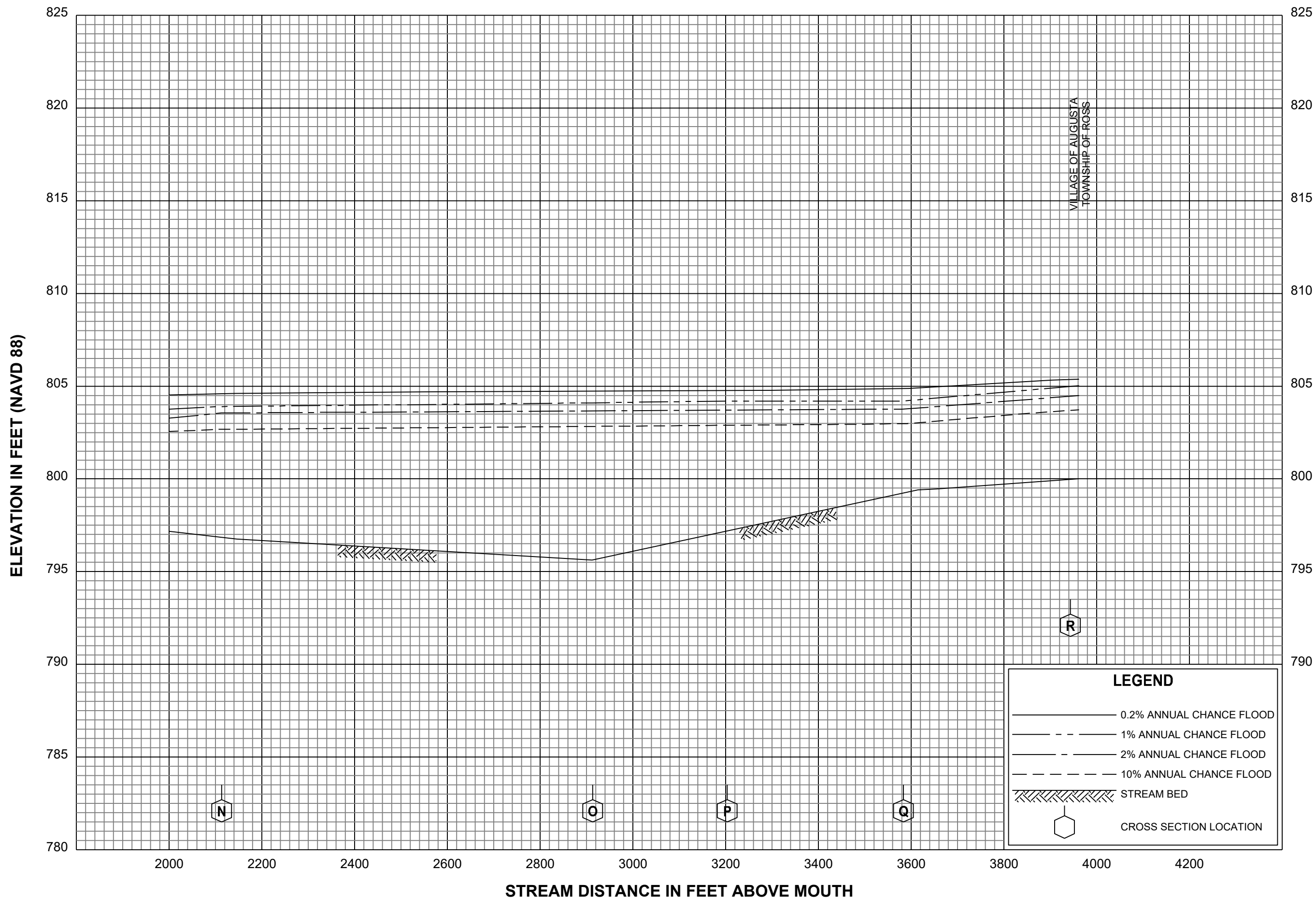
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FEDERAL EMERGENCY MANAGEMENT AGENCY

KALAMAZOO COUNTY, MI

(ALL JURISDICTIONS)

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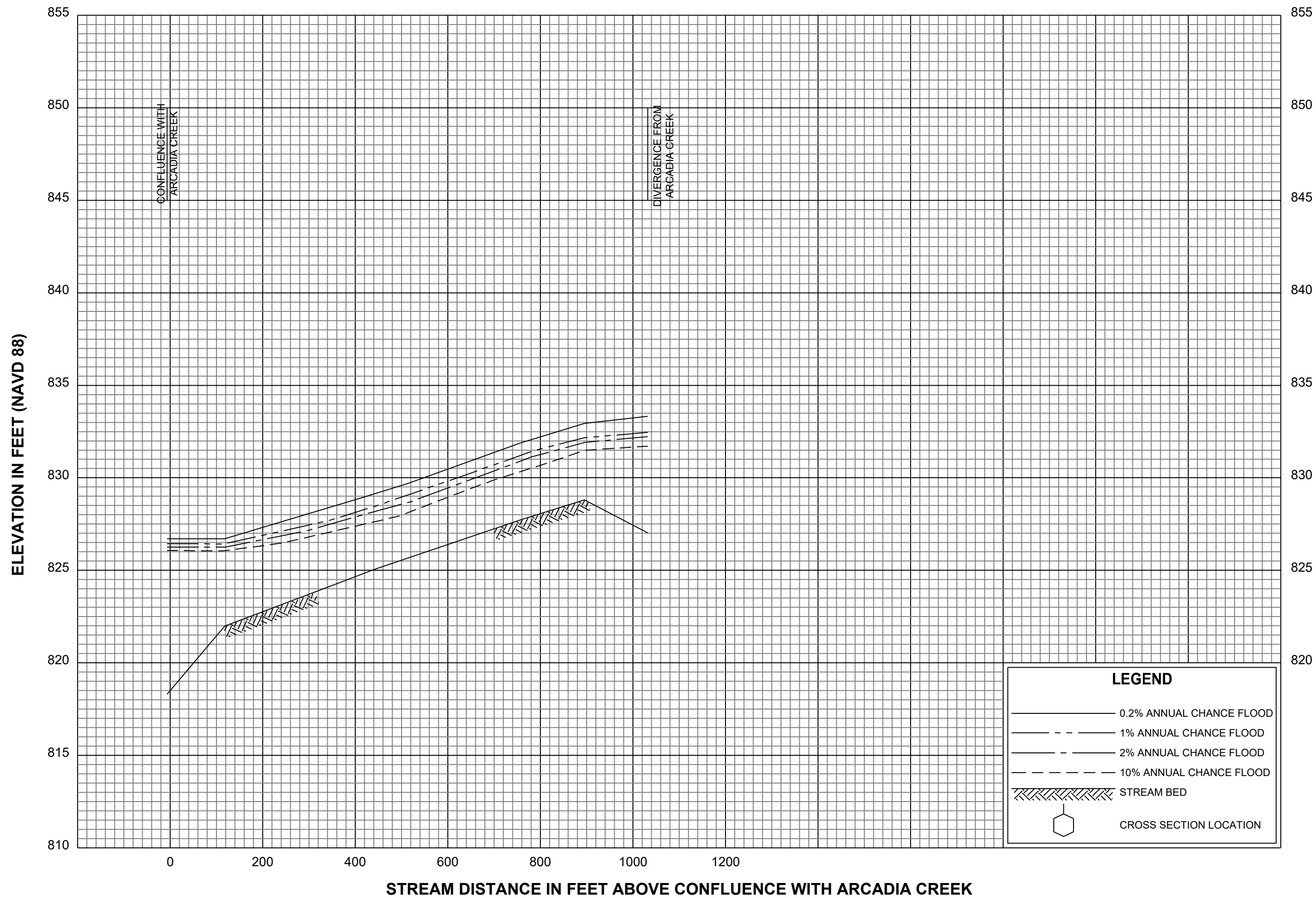
KALAMAZOO COUNTY, MI

(ALL JURISDICTIONS)

FLOOD PROFILES

AUGUSTA CREEK

06P



FLOOD PROFILES

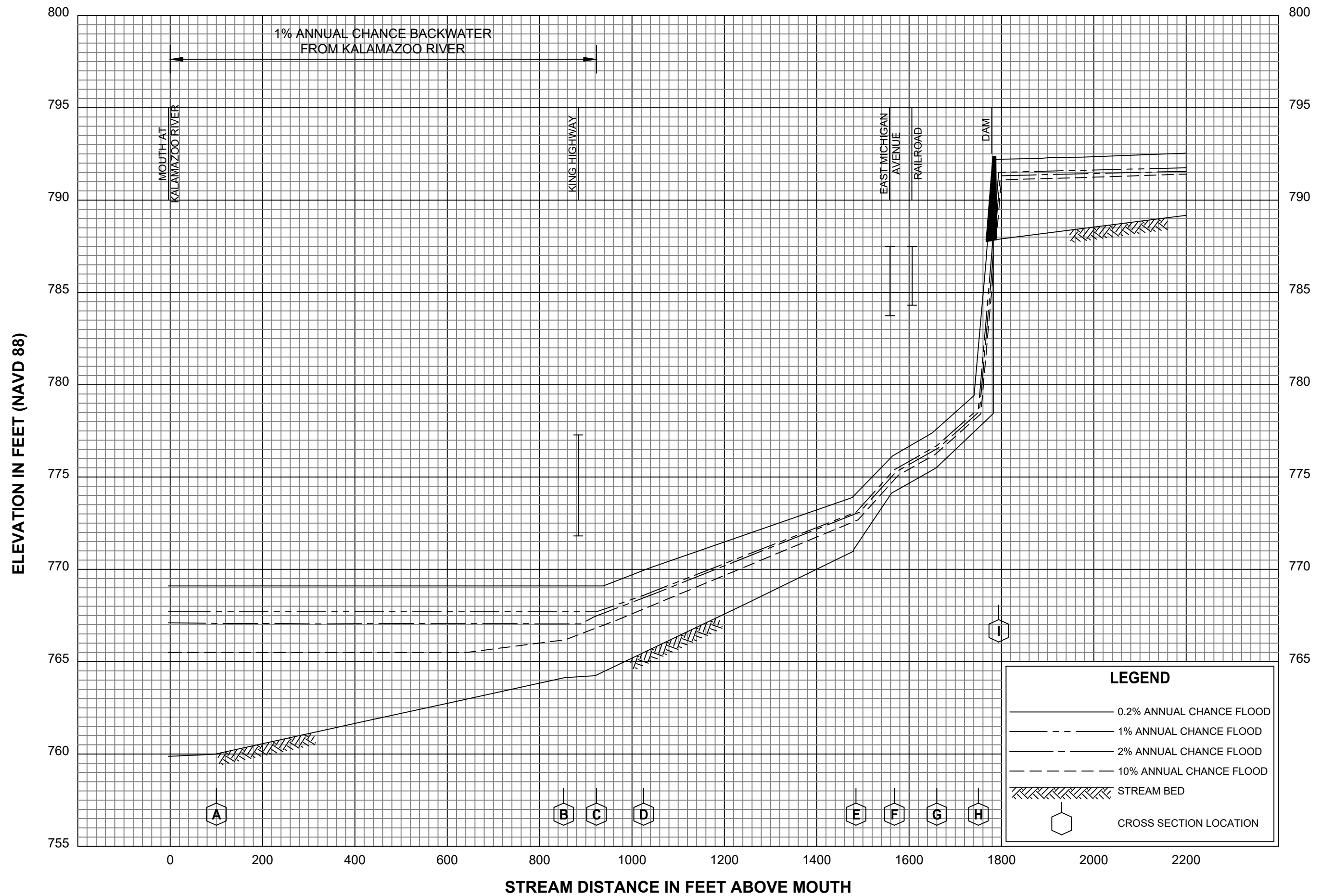
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FEDERAL EMERGENCY MANAGEMENT AGENCY

KALAMAZOO COUNTY, MI

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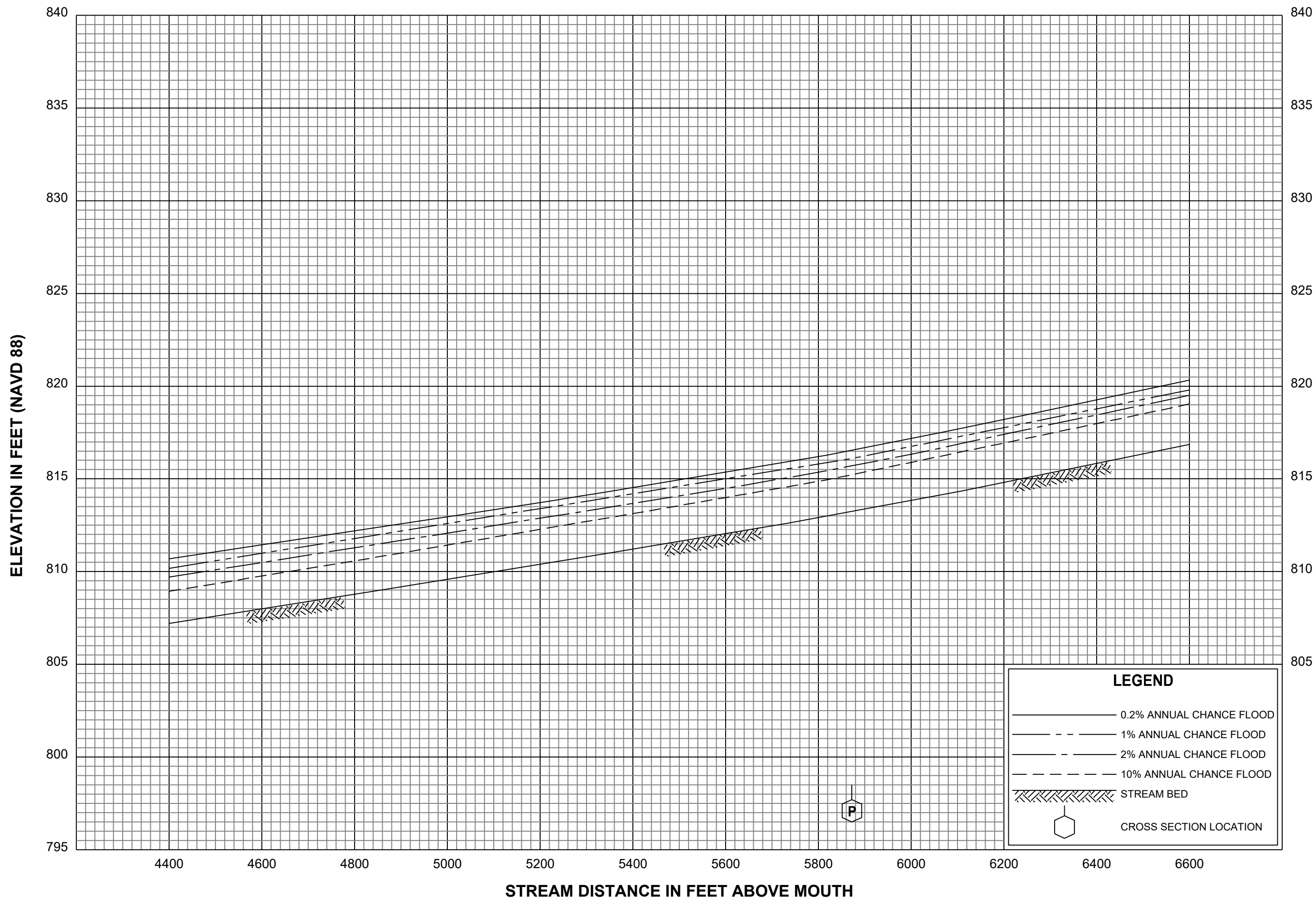
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FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY
KALAMAZOO COUNTY, MI
(ALL JURISDICTIONS)

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FEDERAL EMERGENCY MANAGEMENT AGENCY

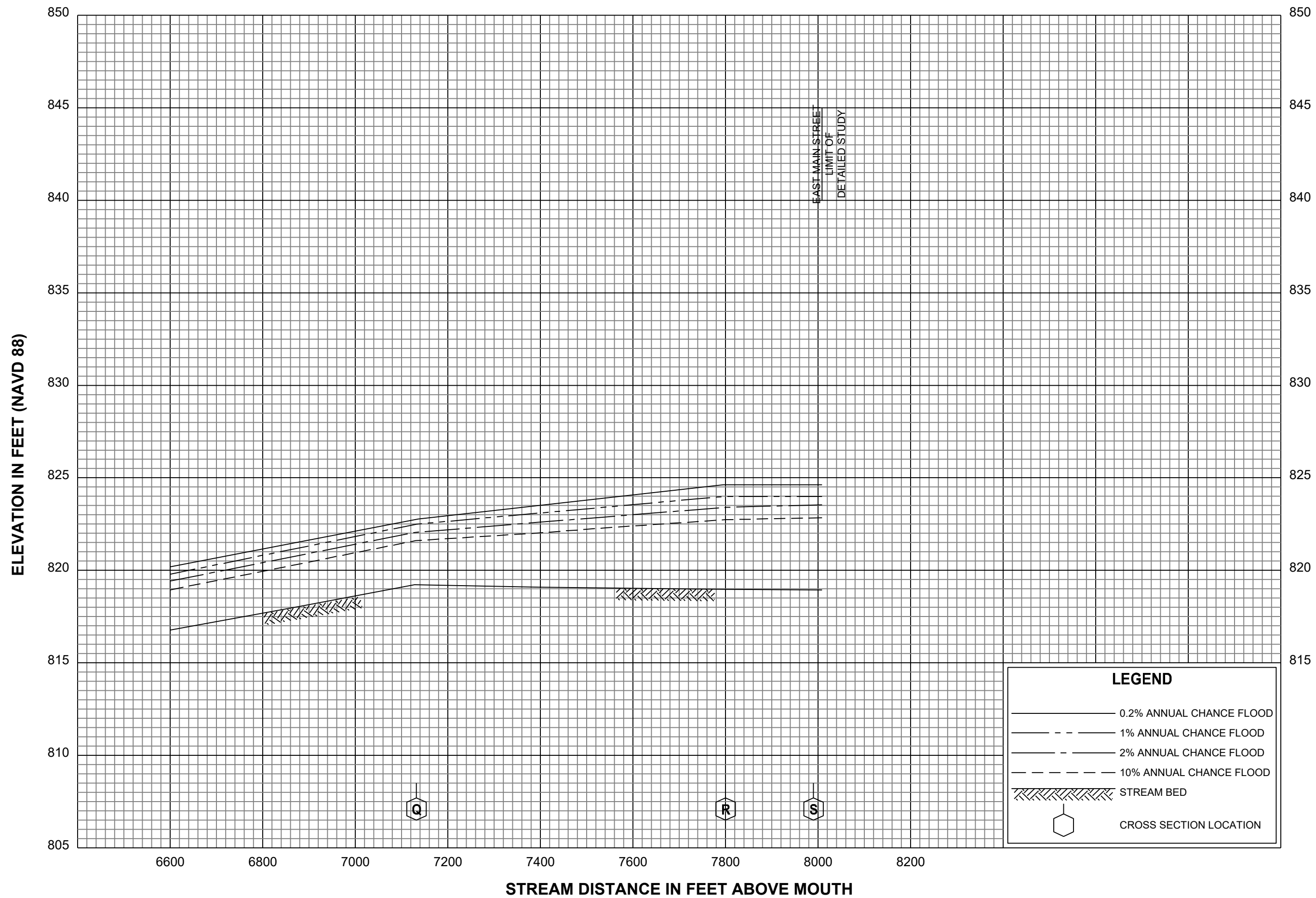
KALAMAZOO COUNTY, MI

(ALL JURISDICTIONS)

FLOOD PROFILES

COMSTOCK CREEK

10P



FEDERAL EMERGENCY MANAGEMENT AGENCY

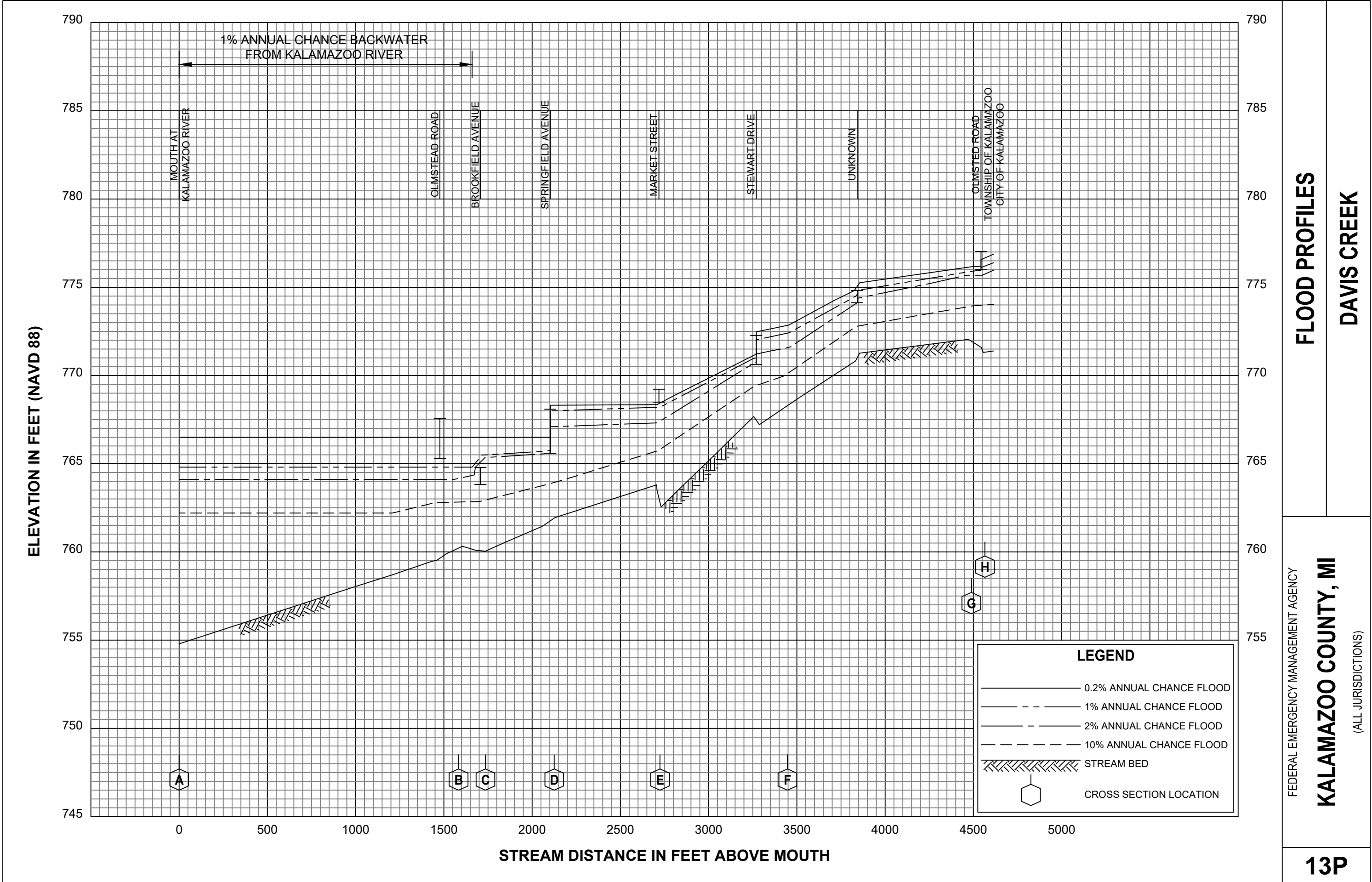
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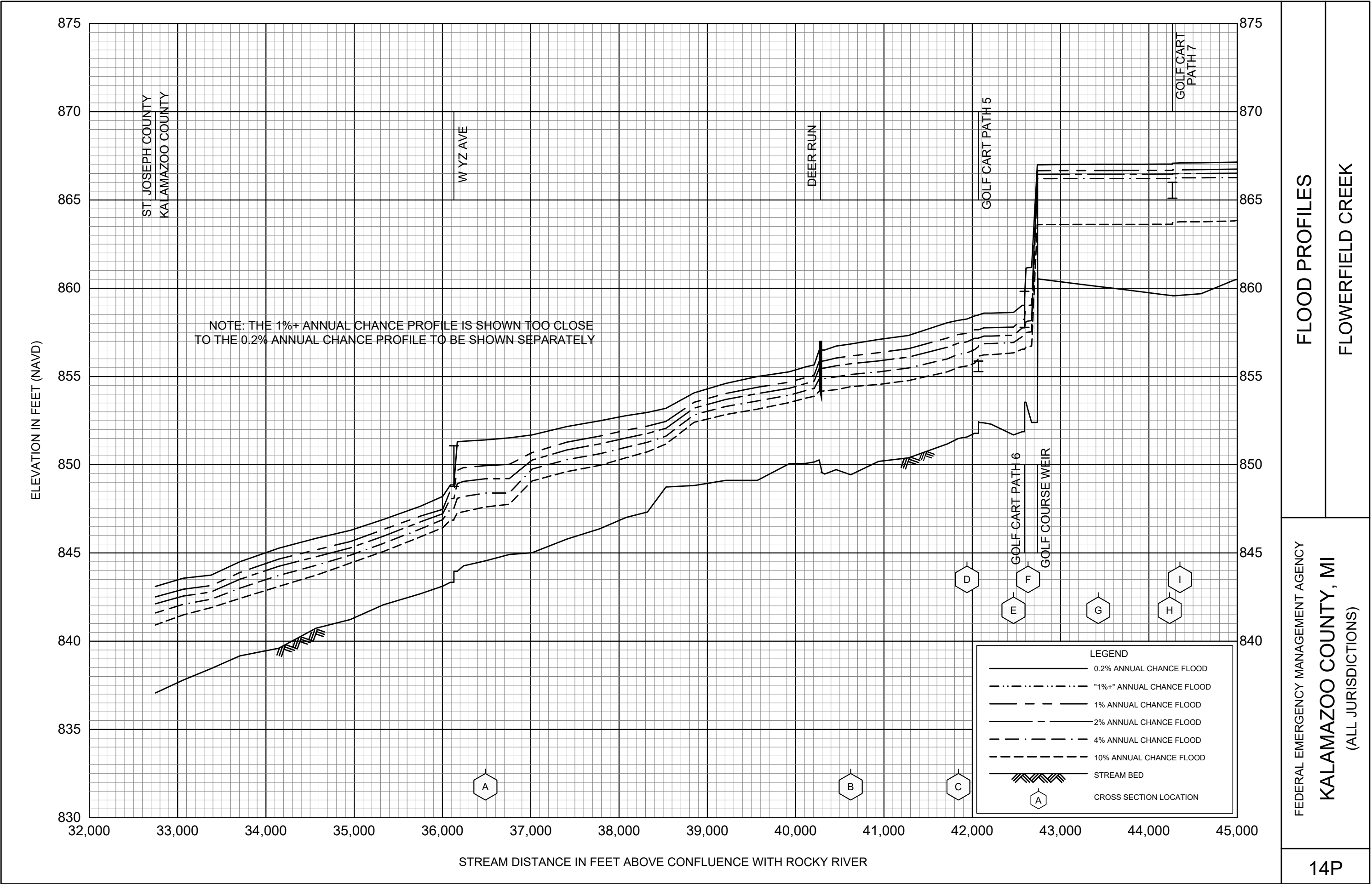
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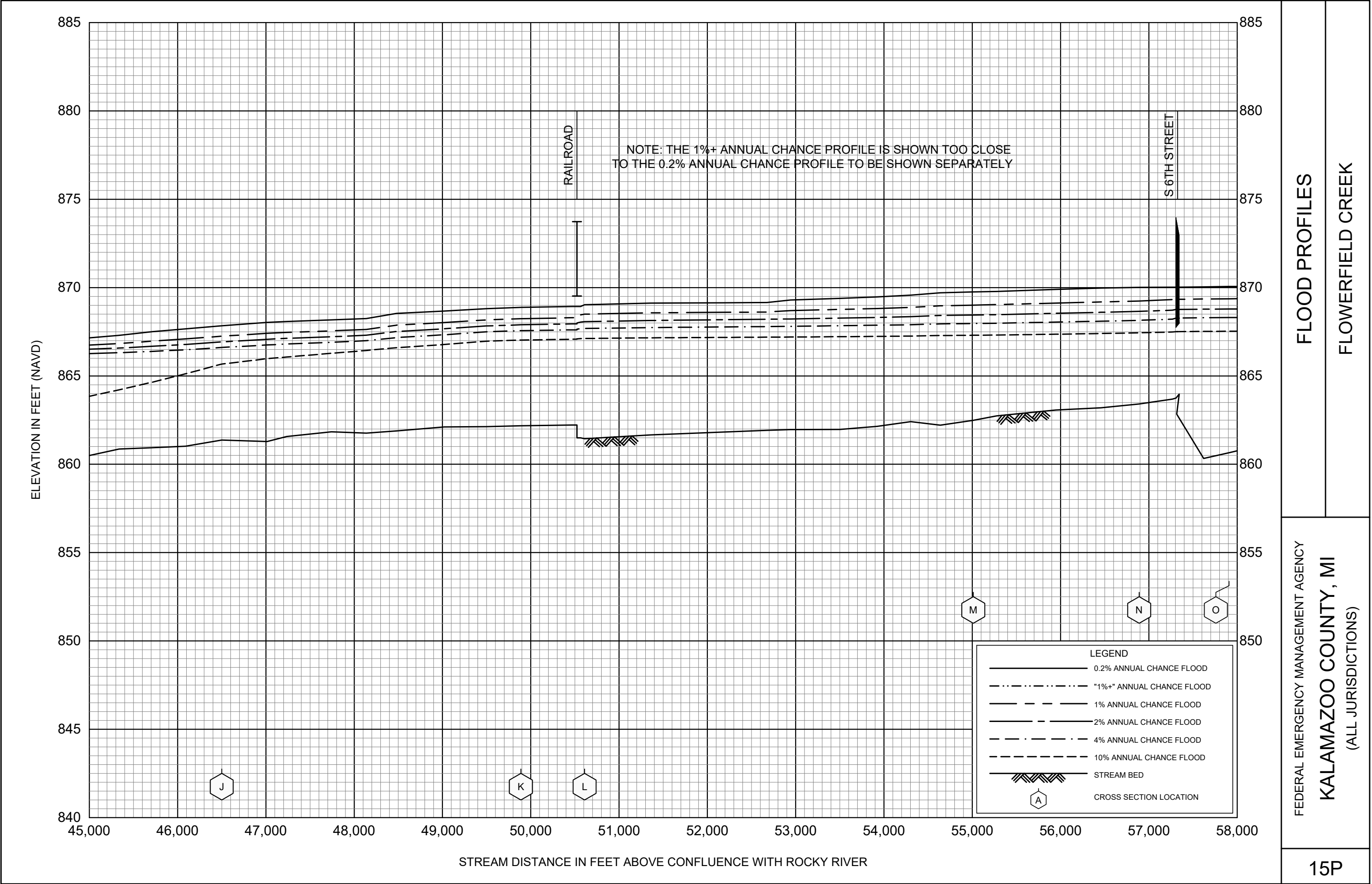
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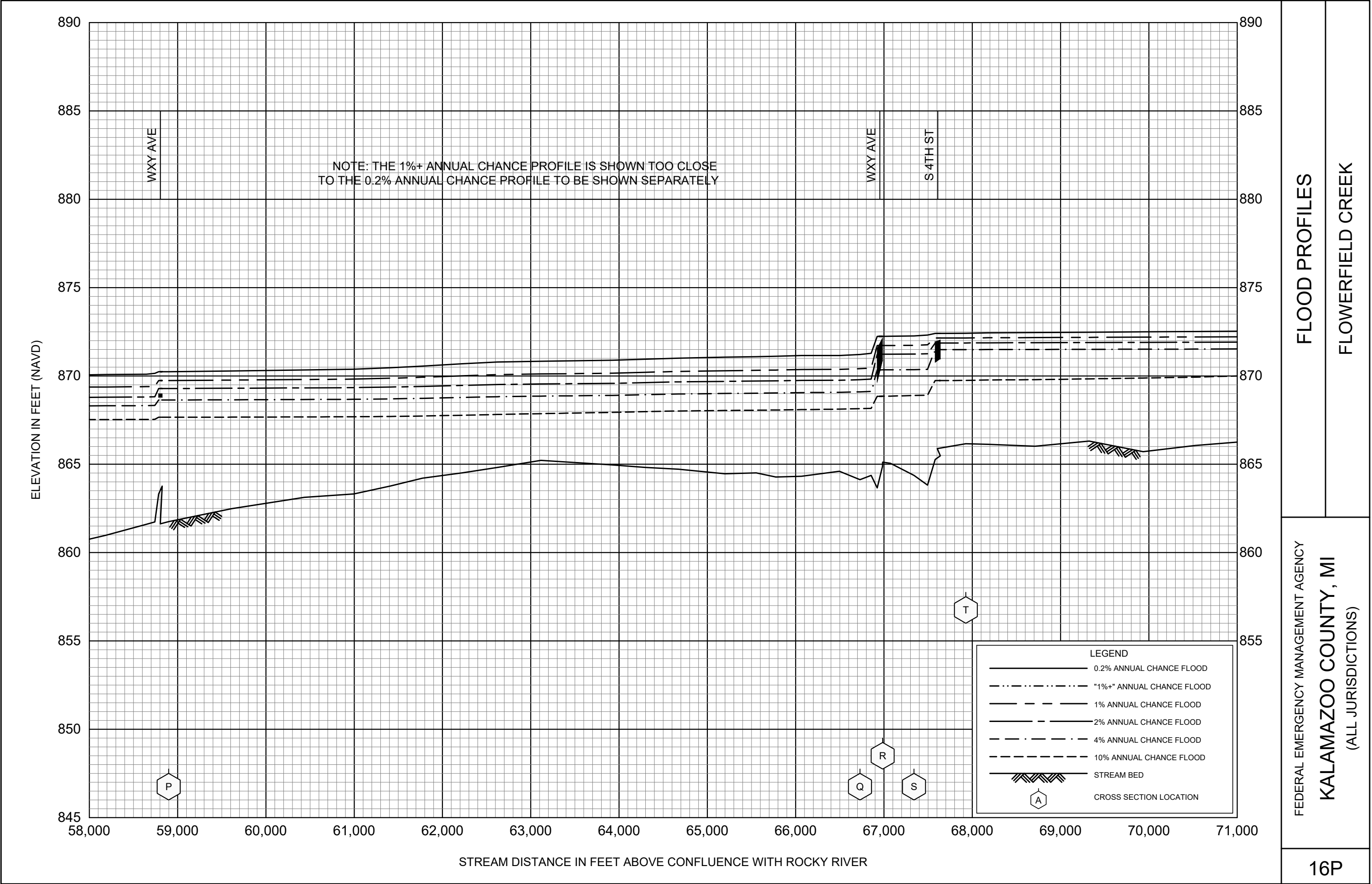
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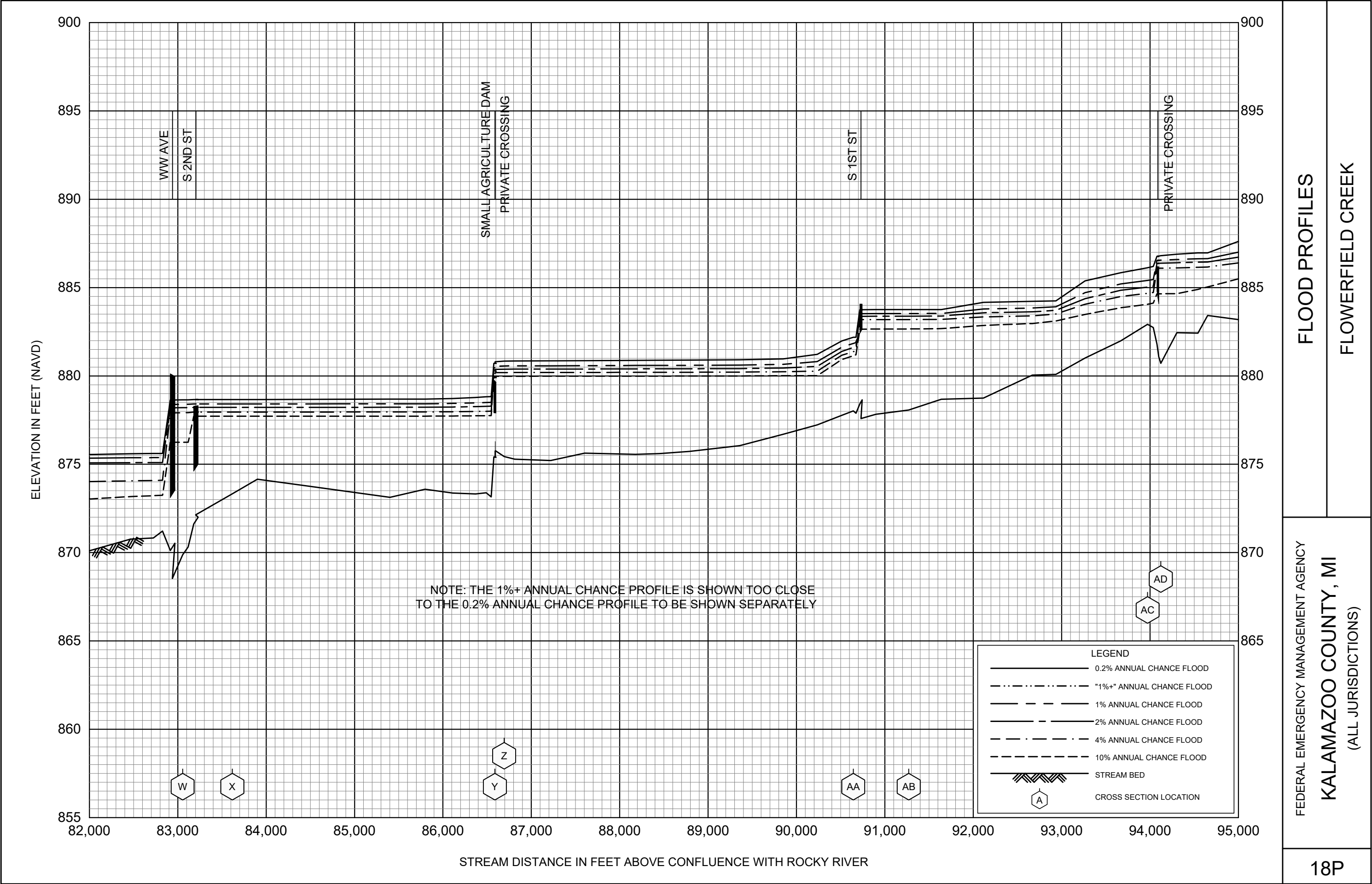
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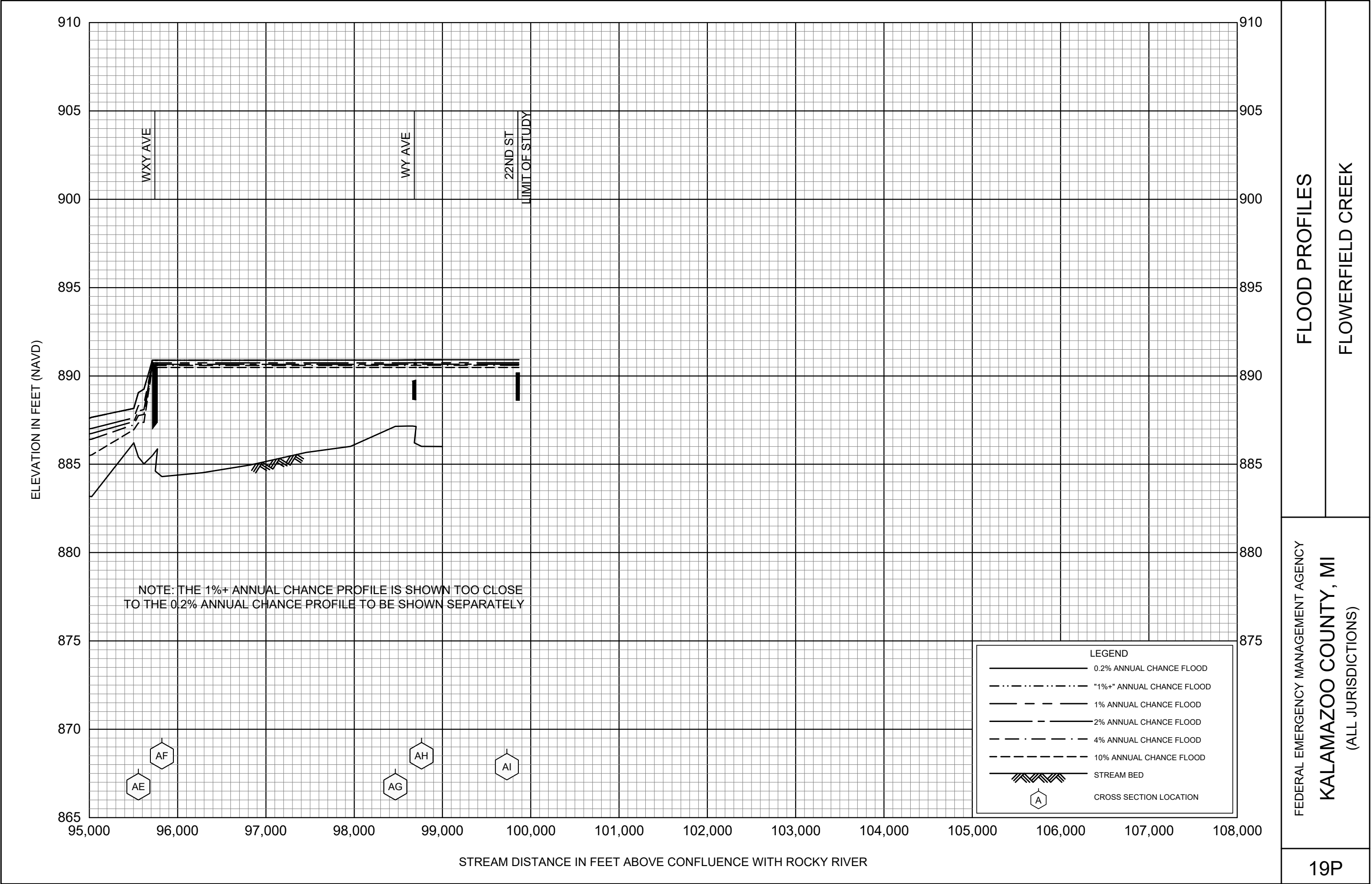


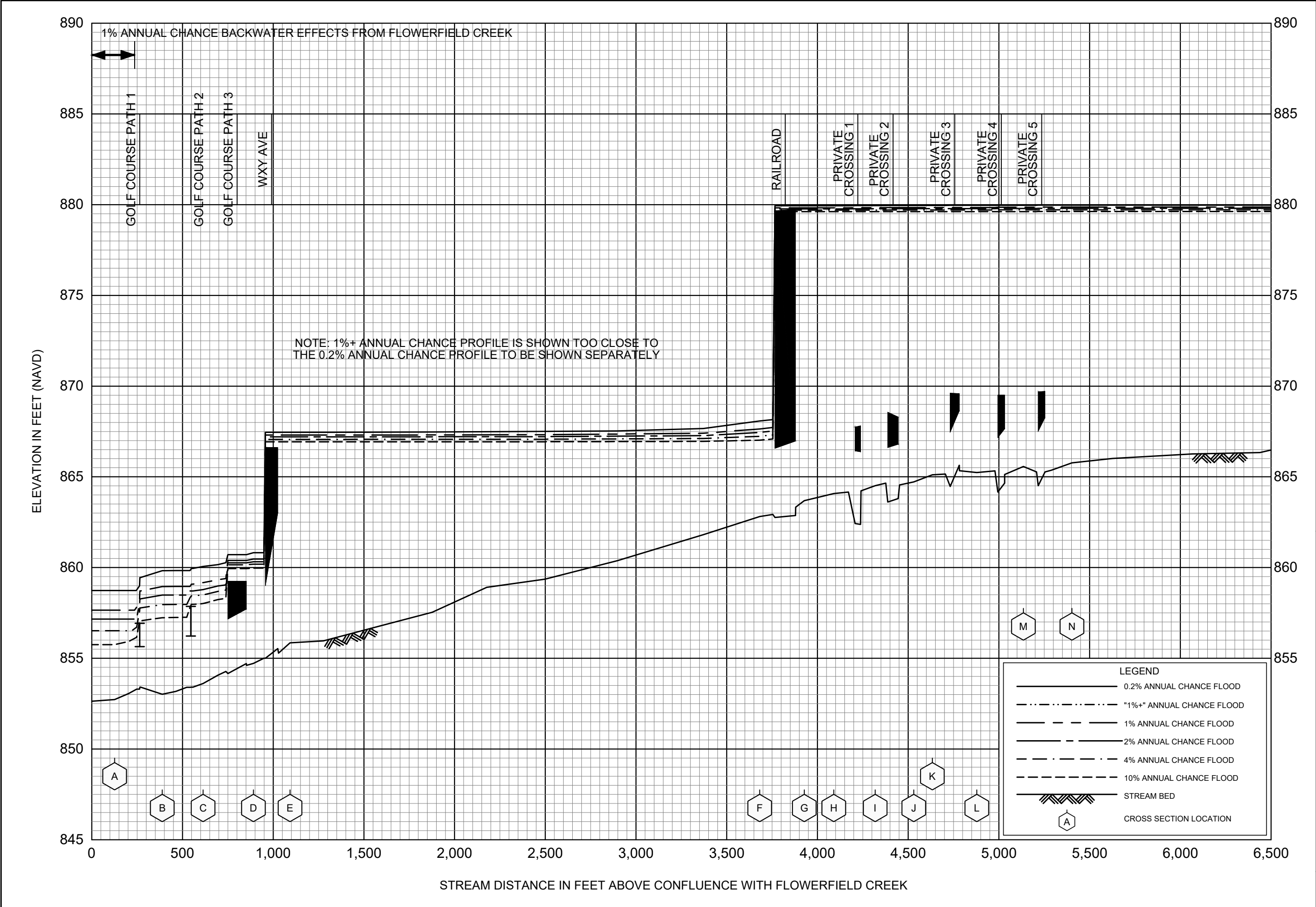


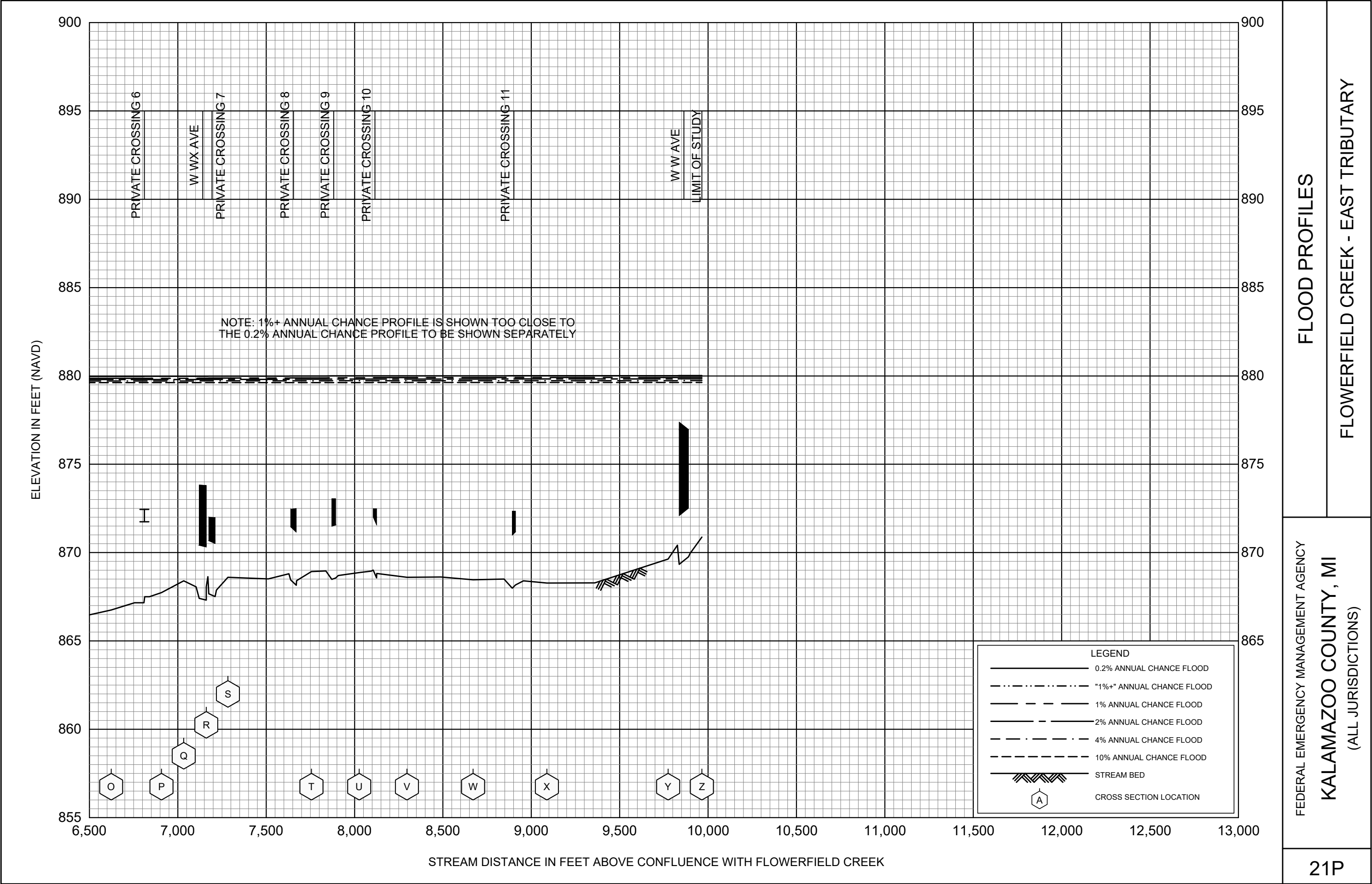


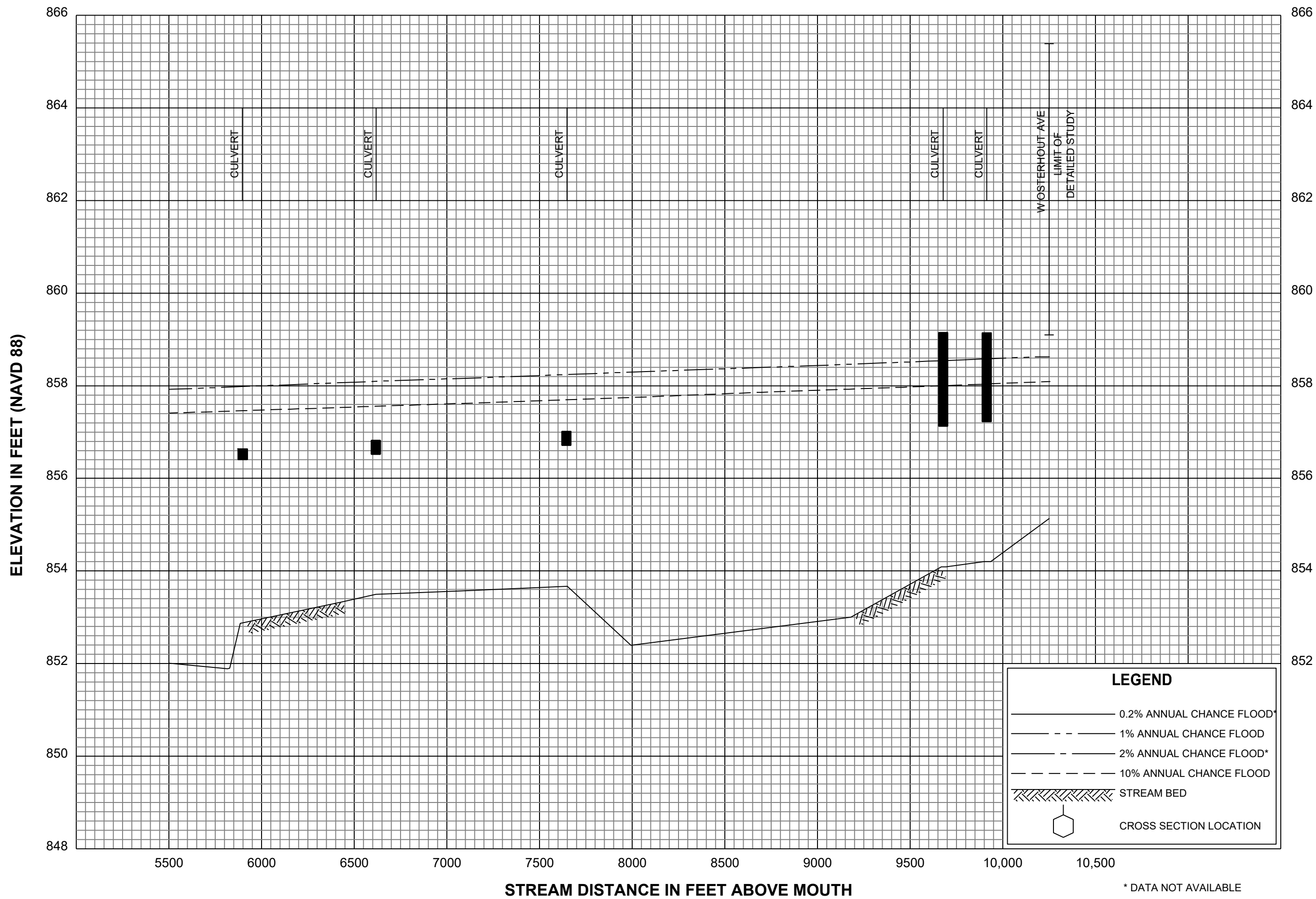












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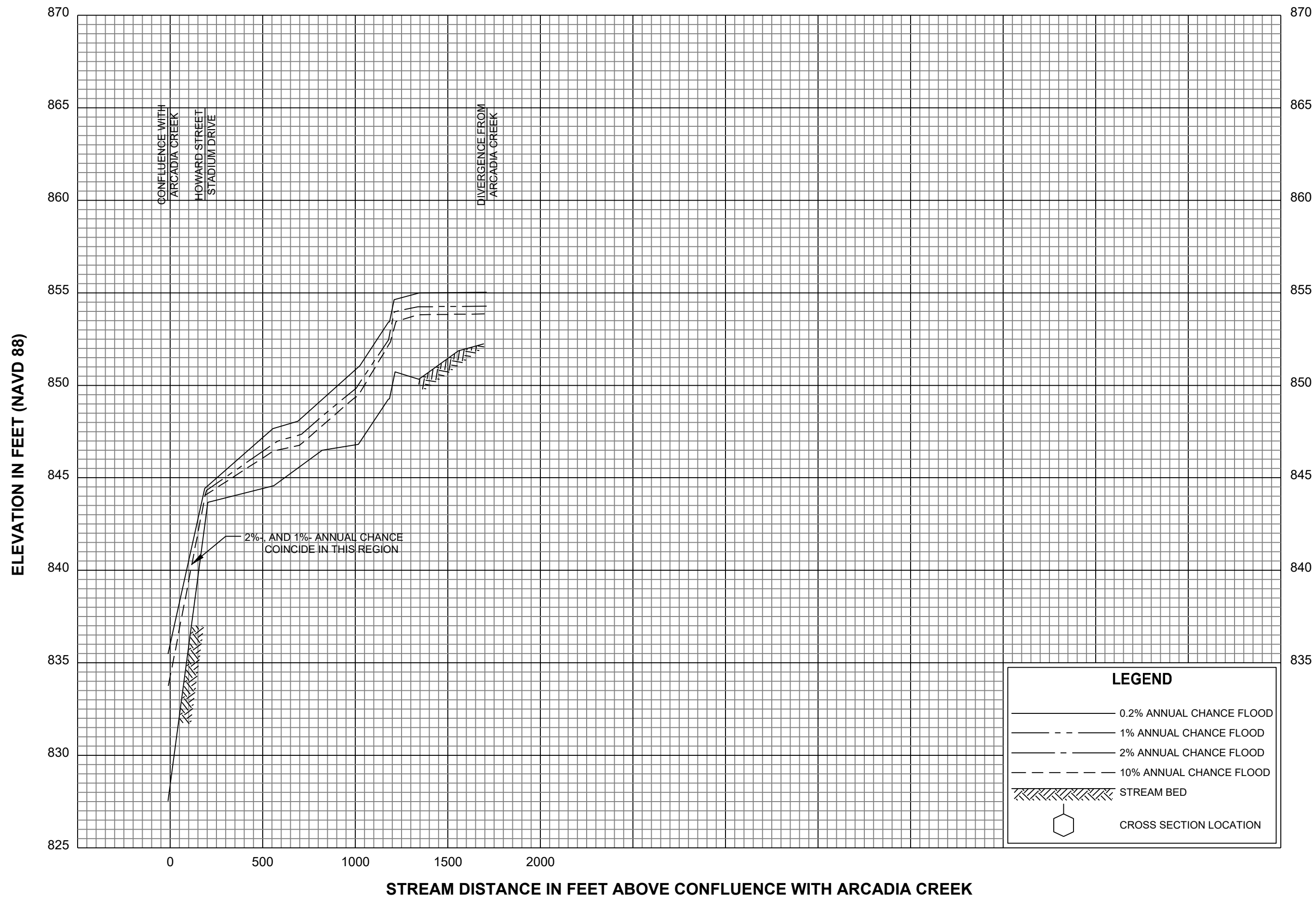
KALAMAZOO COUNTY, MI

(ALL JURISDICTIONS)

FLOOD PROFILES

GOURDNECK CANAL

24P



FLOOD PROFILES

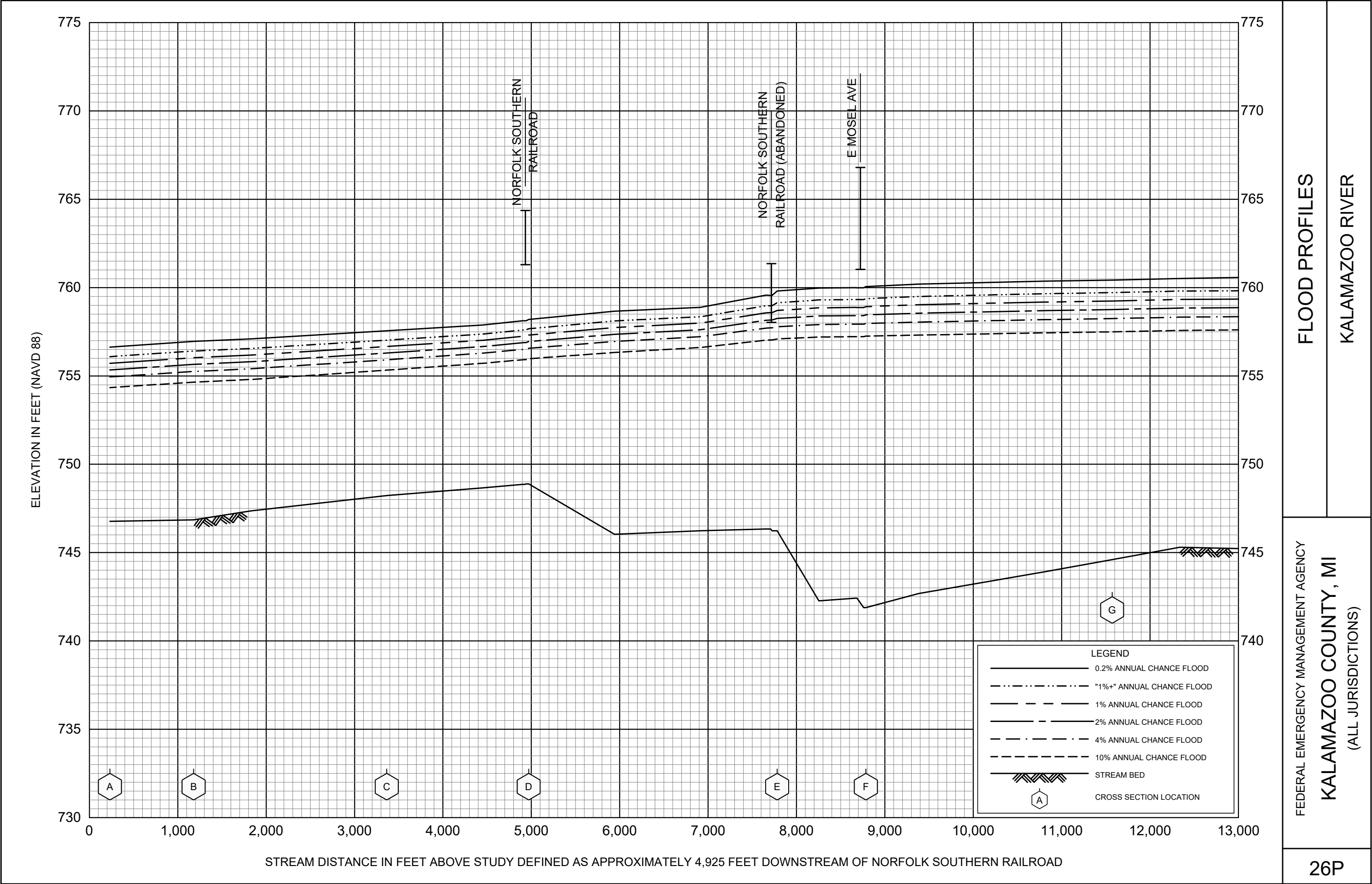
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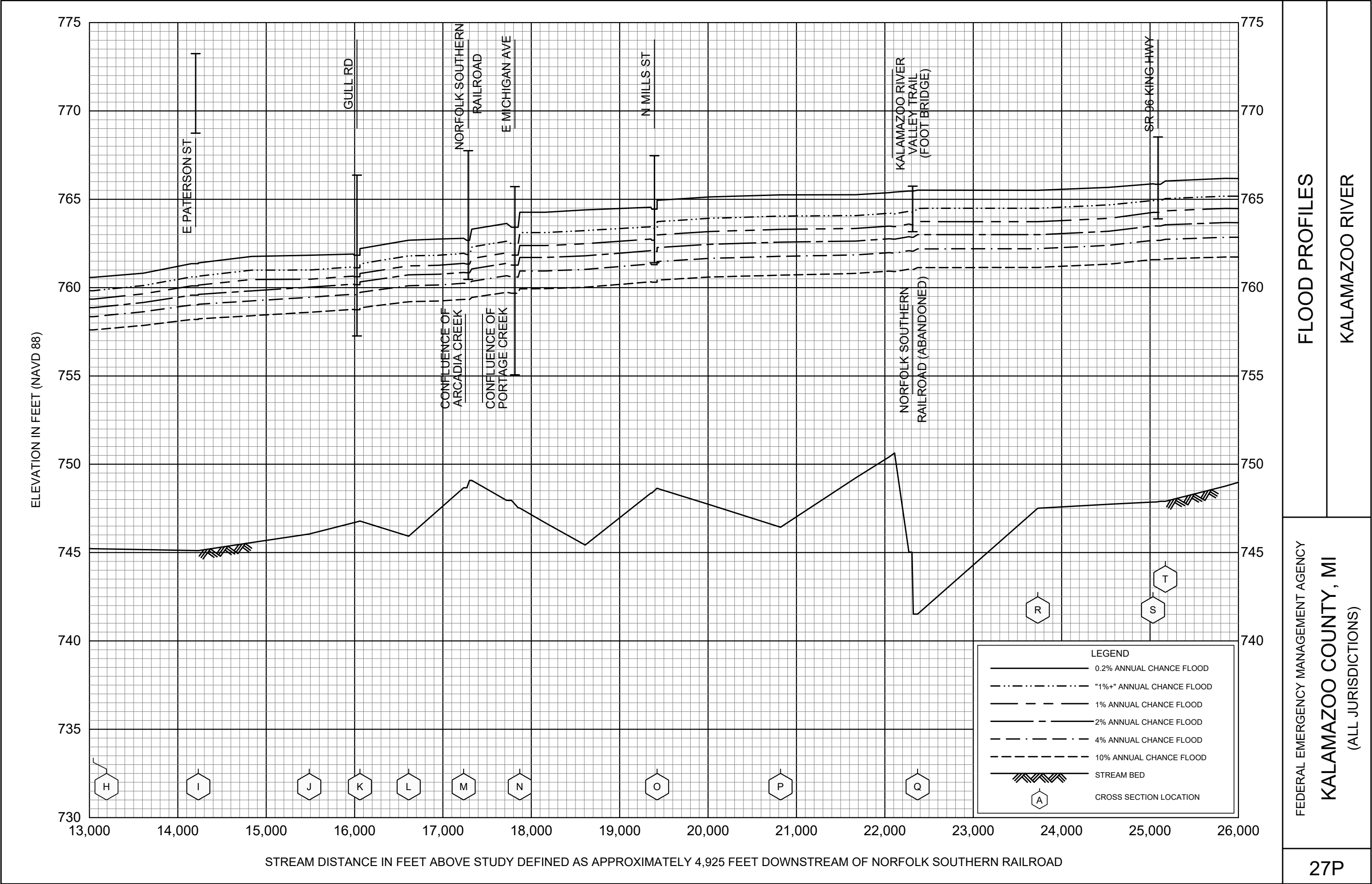
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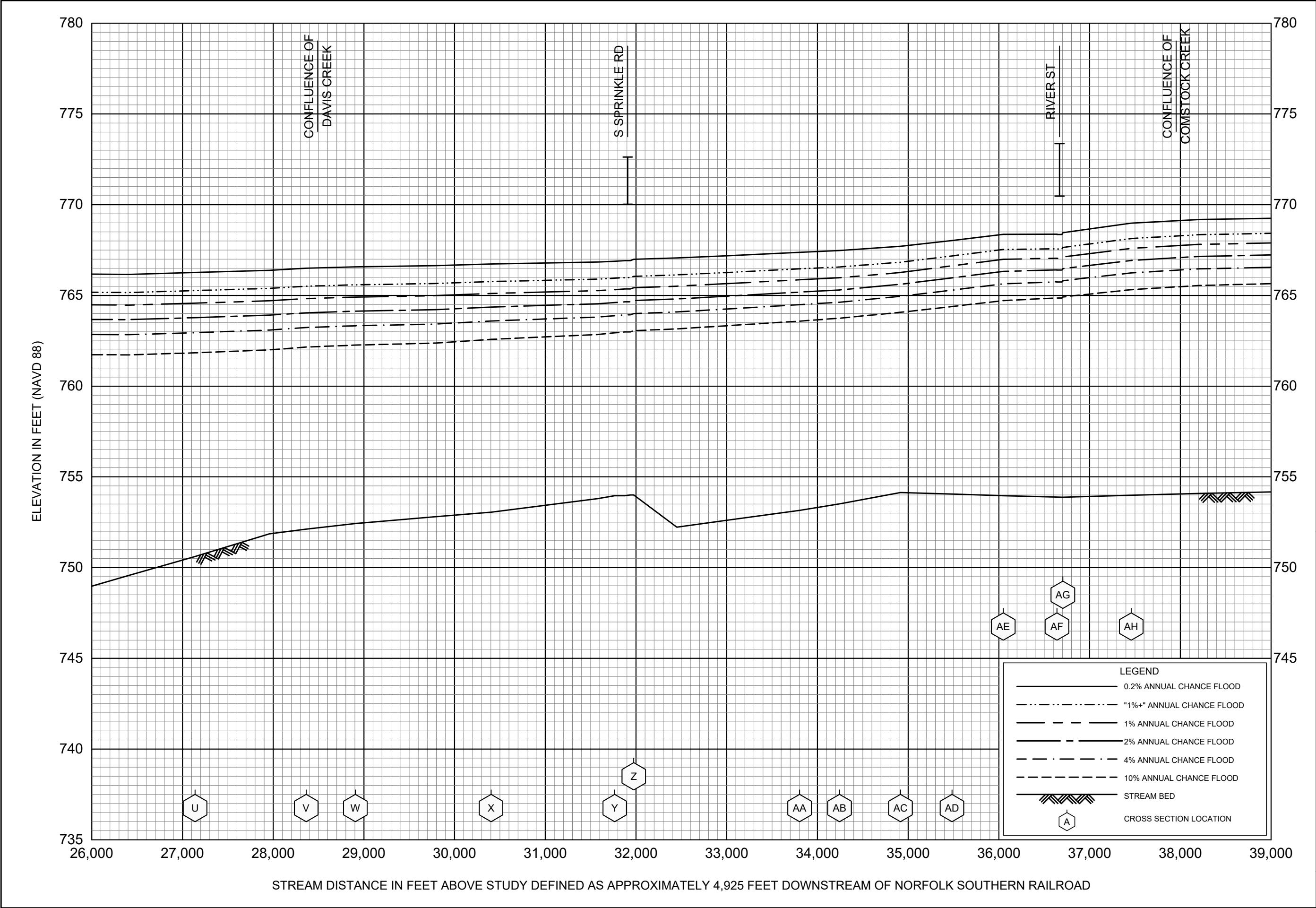
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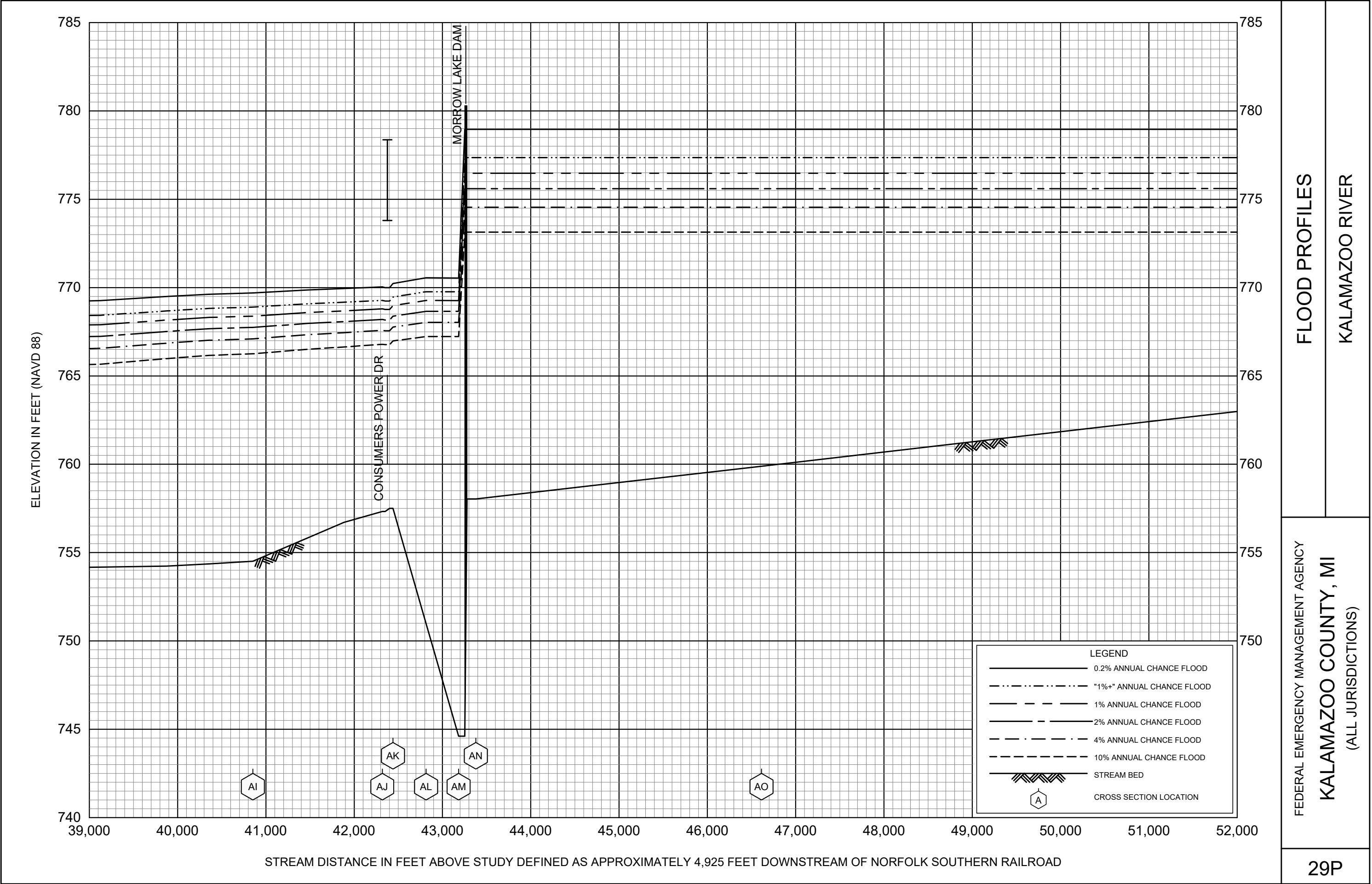
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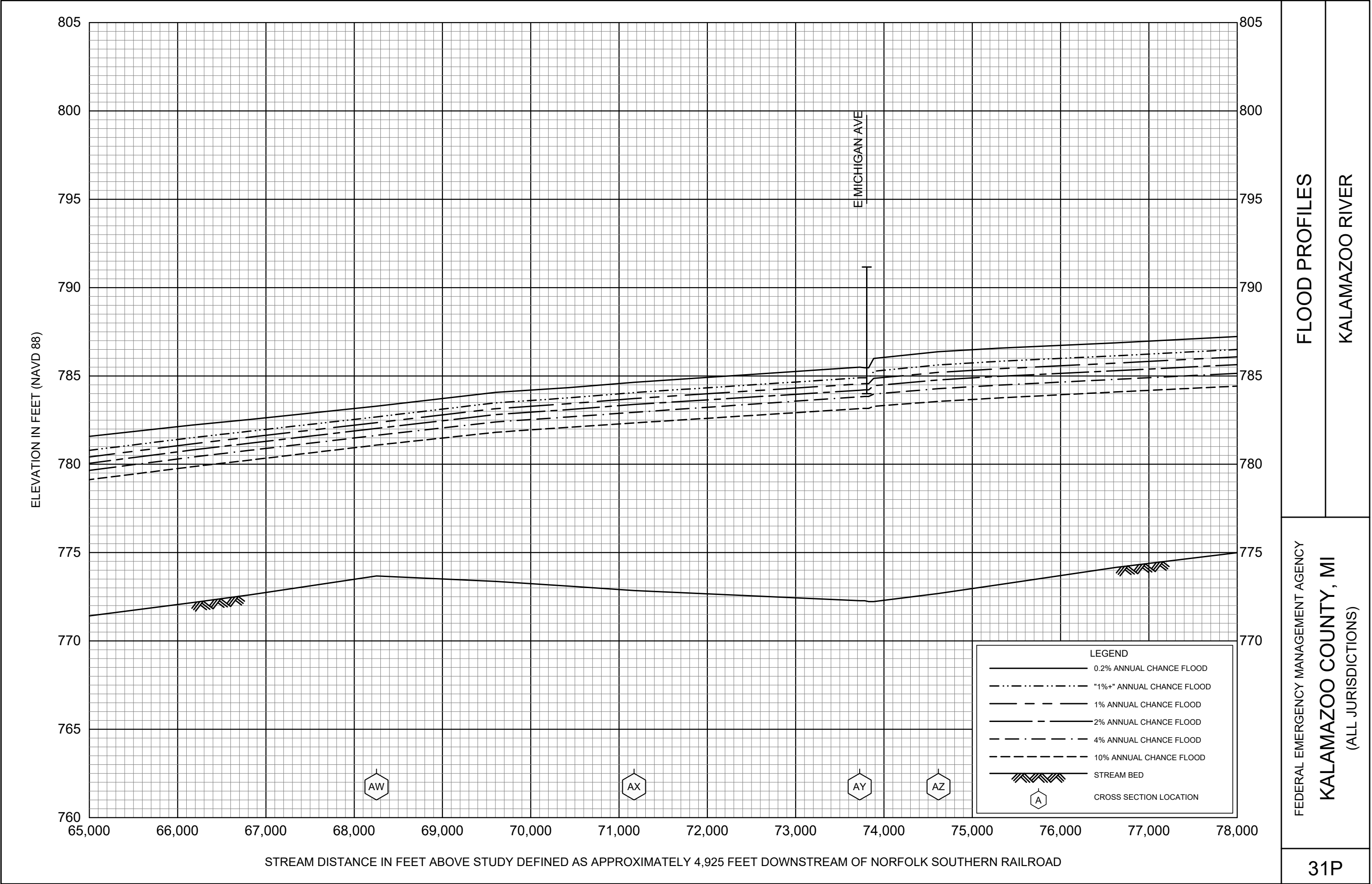
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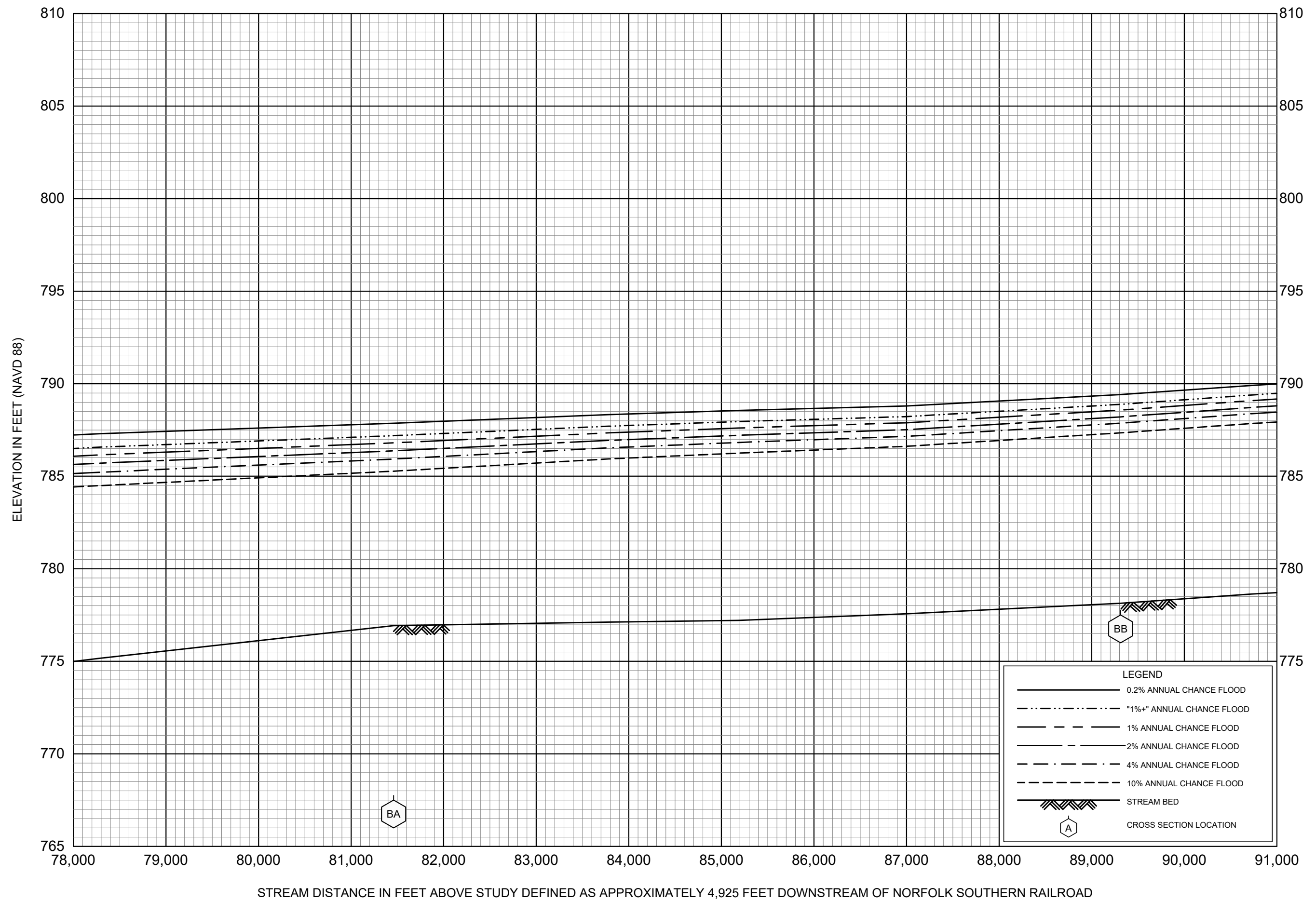


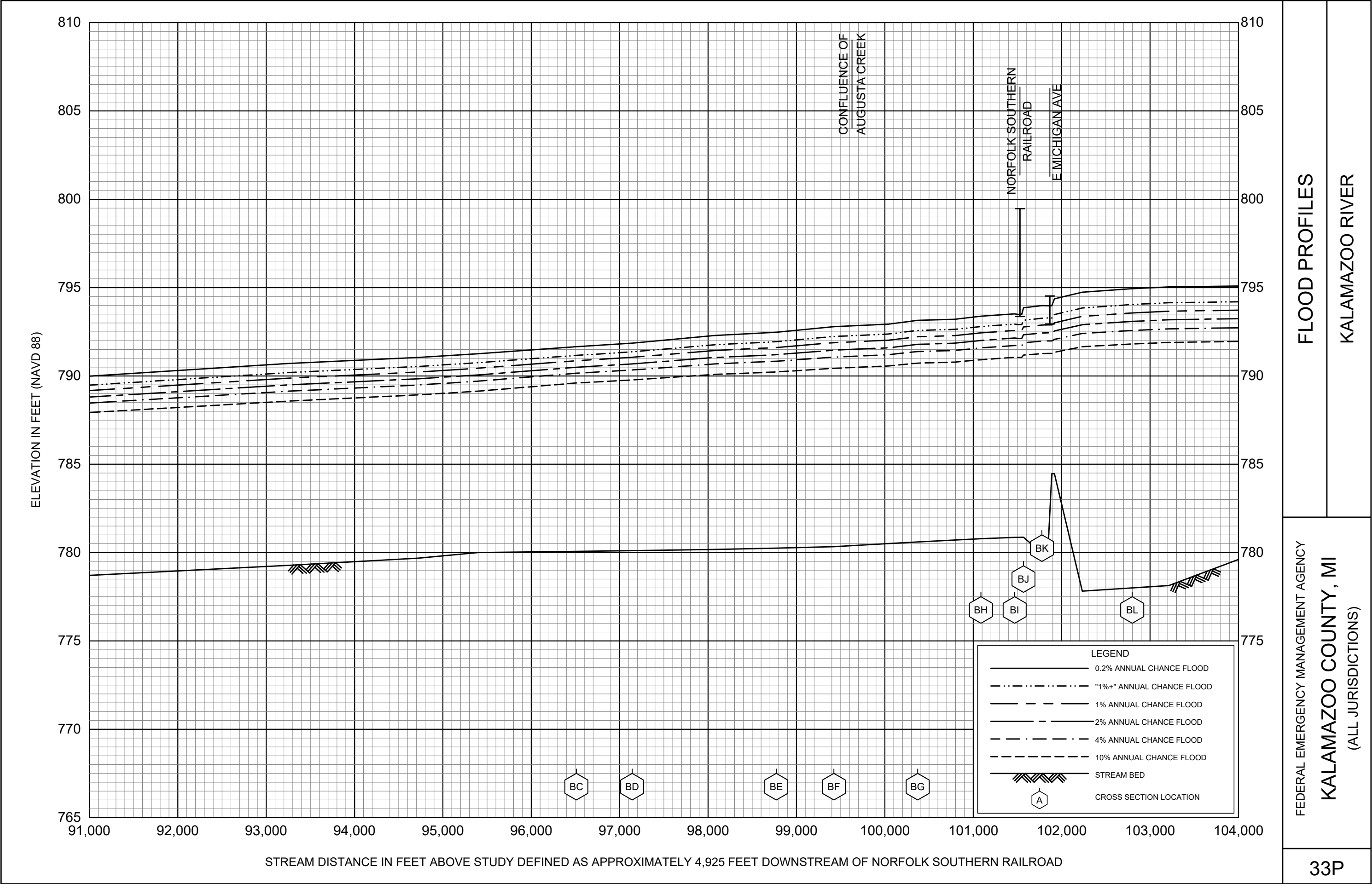


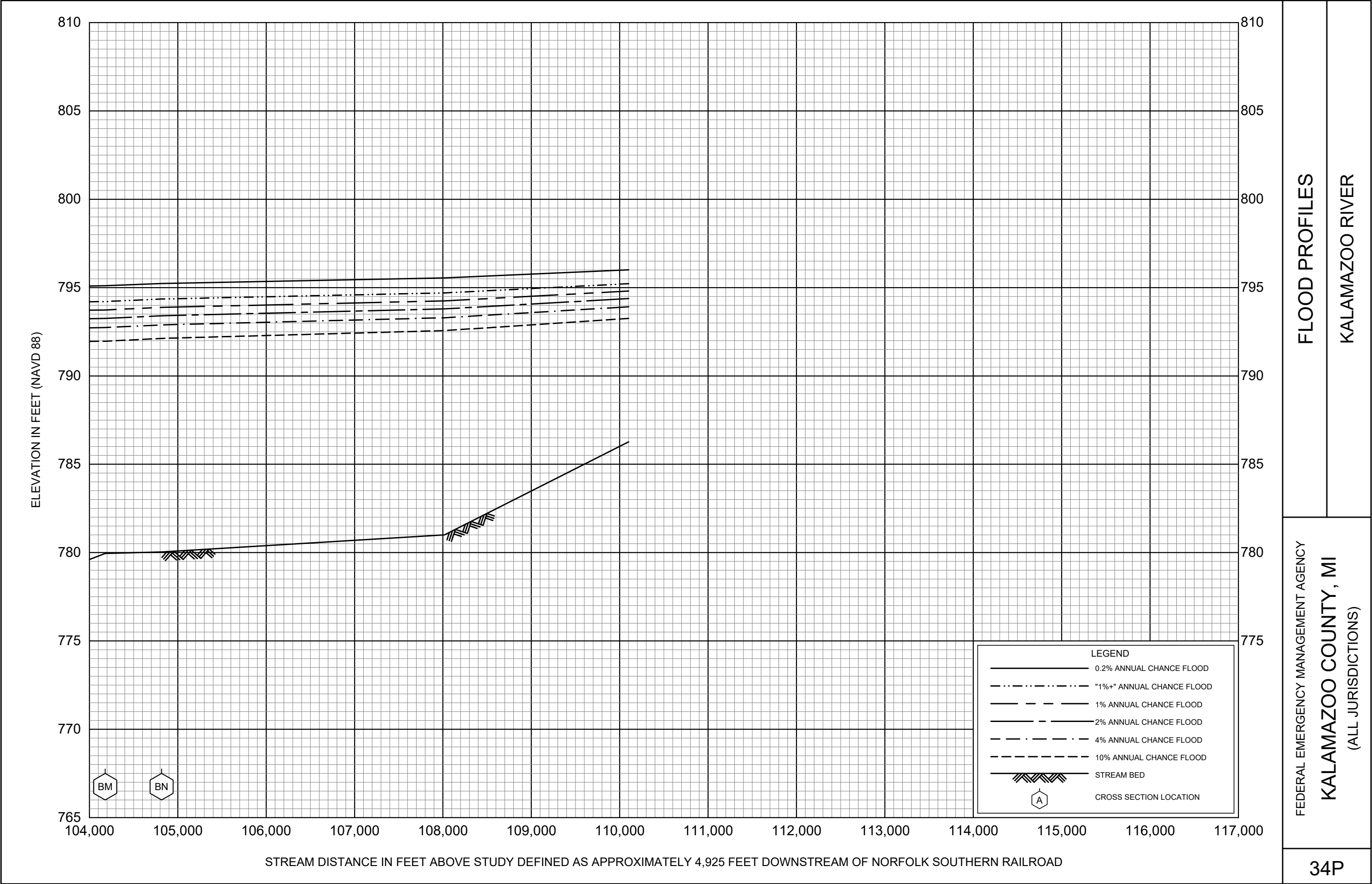


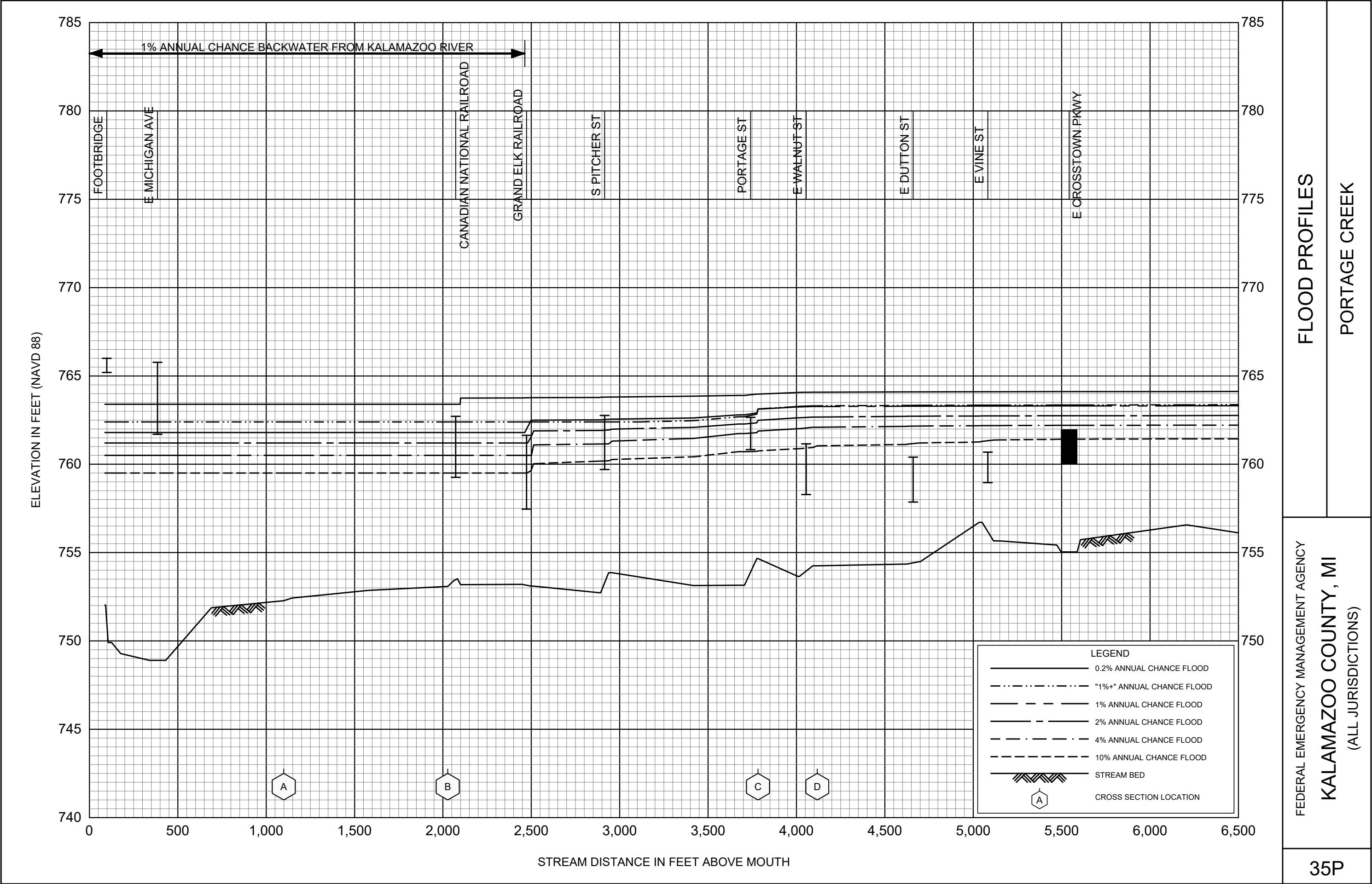








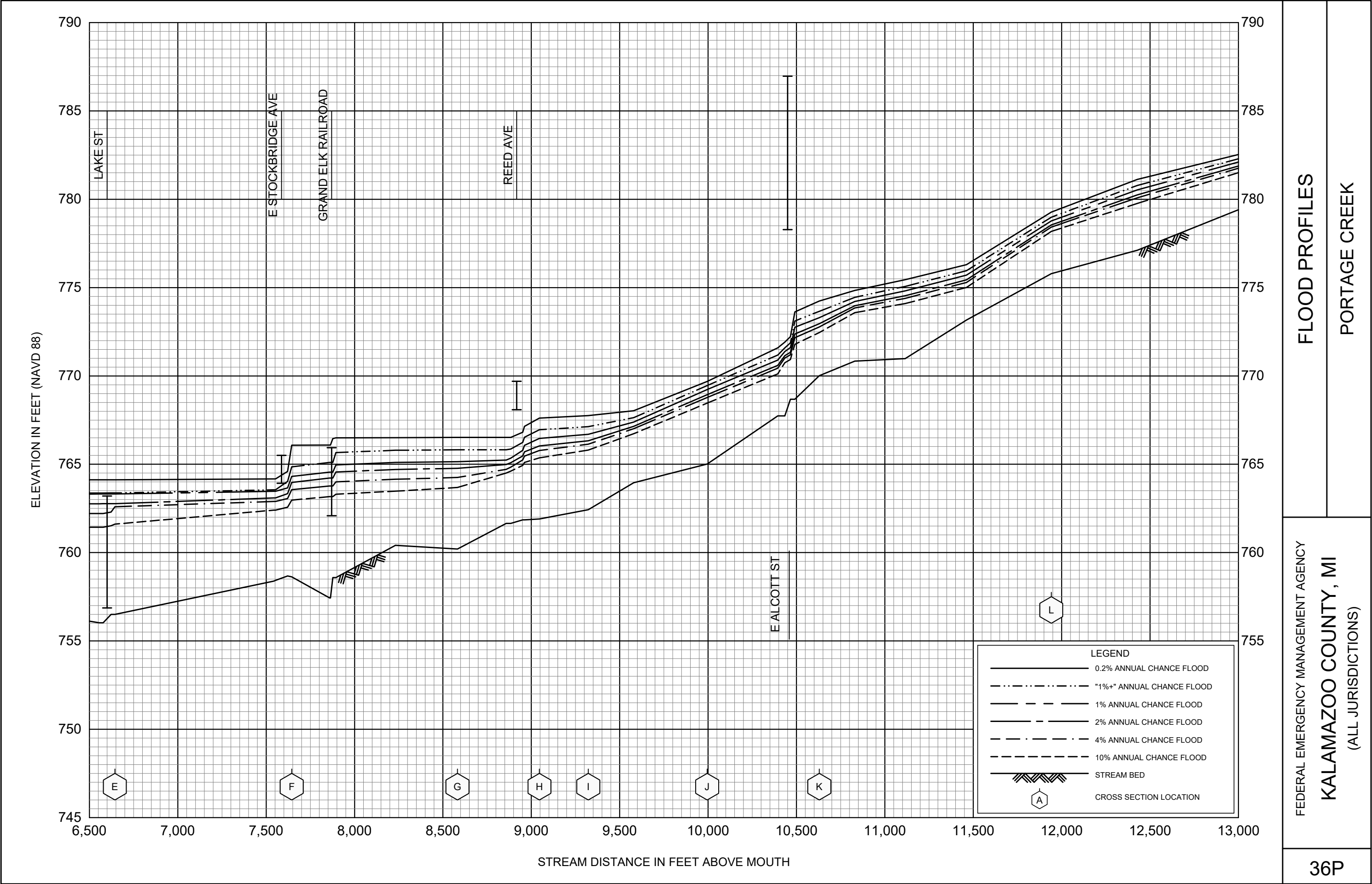


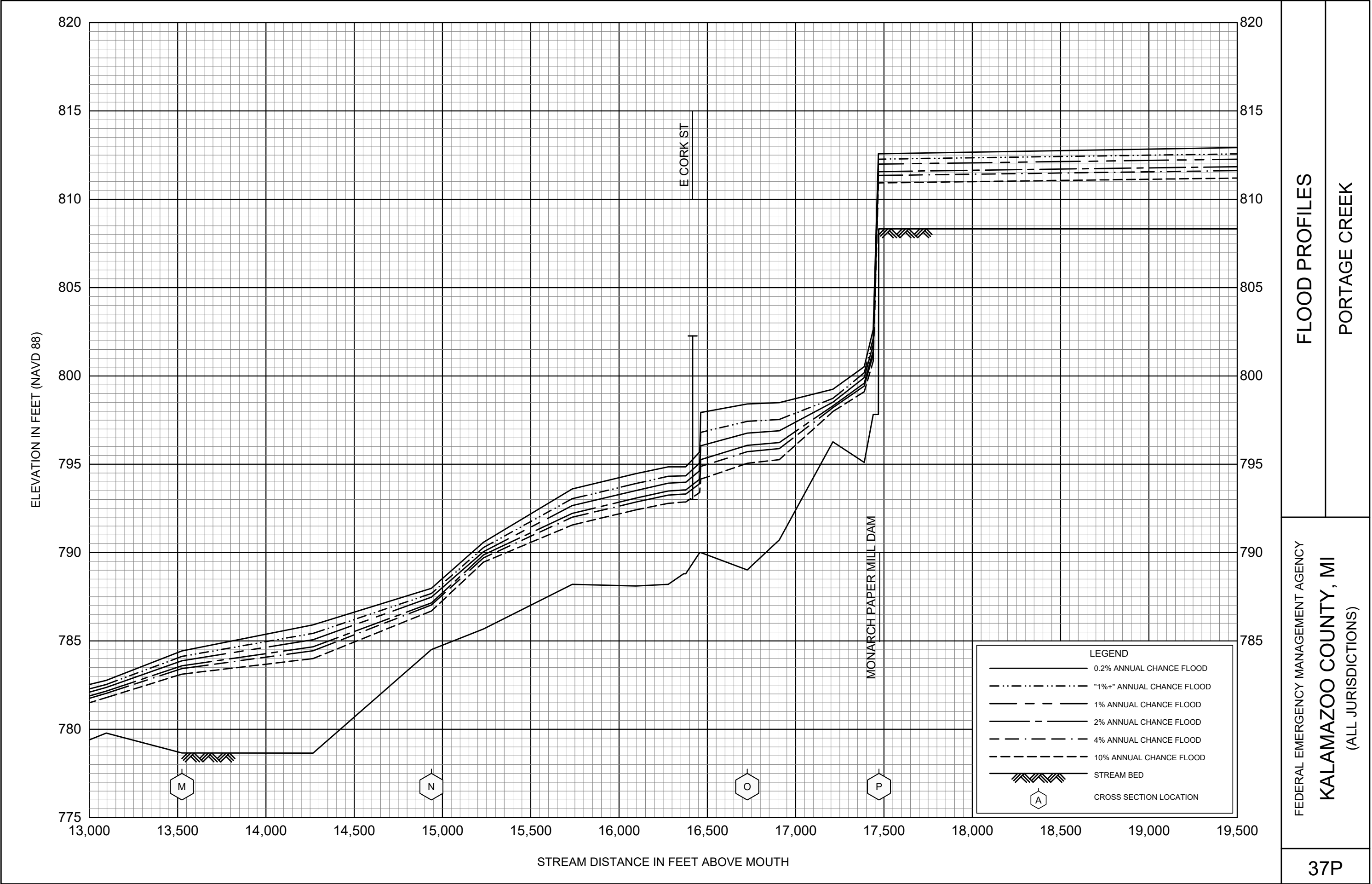


FLOOD PROFILES

PORTAGE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
KALAMAZOO COUNTY, MI
(ALL JURISDICTIONS)

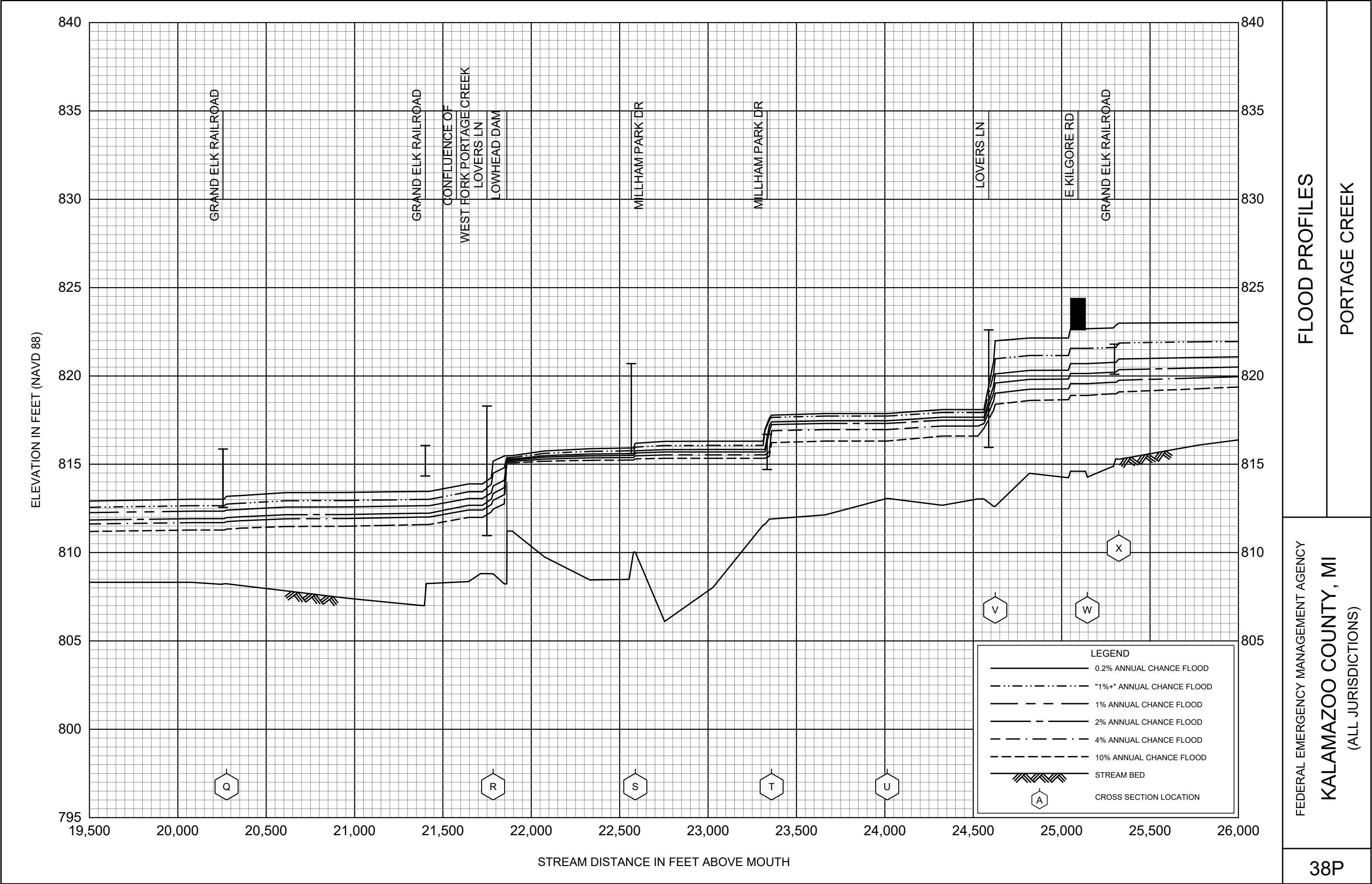




FLOOD PROFILES

PORTAGE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
KALAMAZOO COUNTY, MI
(ALL JURISDICTIONS)



FLOOD PROFILES

PORTAGE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
KALAMAZOO COUNTY, MI
(ALL JURISDICTIONS)

