Notice

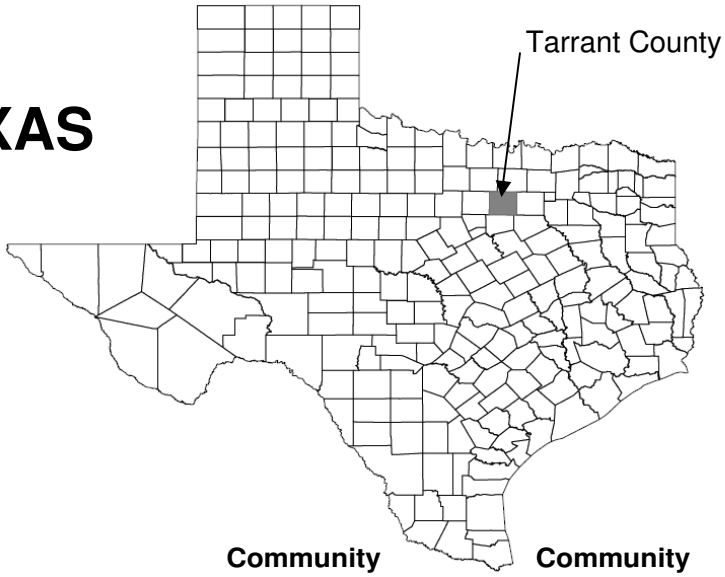
This preliminary FIS report includes only revised Flood Profiles and Floodway Data tables. See "Notice to Flood Insurance Users" page for additional details.

FLOOD INSURANCE STUDY

TARRANT COUNTY, TEXAS

AND INCORPORATED AREAS

VOLUME 8 OF 9



Community Name	Community Number
TARRANT COUNTY UNINCORPORATED AREAS	480582
ARLINGTON, CITY OF	485454
AZLE, CITY OF	480584
BEDFORD, CITY OF	480585
BENBROOK CITY OF	480586
BLUE MOUND, CITY OF	480587
BURLESON, CITY OF	485459
COLLEYVILLE, CITY OF	480590
CROWLEY, CITY OF	480591
DALWORTHINGTON GARDENS, CITY OF	481013
EDGECLIFF VILLAGE, TOWN OF	480592
EULESS, CITY OF	480593
EVERMAN, CITY OF	480594
FLOWER MOUND, TOWN OF	480777
FOREST HILL, CITY OF	480595
FORT WORTH, CITY OF	480596
GRAND PRAIRIE, CITY OF	485472
GRAPEVINE, CITY OF	480598
HALTOM CITY, CITY OF	480599
HASLET, CITY OF	480600
HURST, CITY OF	480601
KELLER, CITY OF	480602
KENNEDALE, CITY OF	480603
LAKE WORTH, CITY OF	480605
LAKESIDE, CITY OF	480604
MANSFIELD, CITY OF	480606

Community Name	Community Number
NORTH RICHLAND HILLS, CITY OF	480607
PANTEGO, TOWN OF	481116
PELICAN BAY, CITY OF	481653
RENO, TOWN OF	480969
RICHLAND HILLS, CITY OF	480608
RIVER OAKS, CITY OF	480609
ROANOKE, CITY OF	480785
SAGINAW, CITY OF	480610
SANSOM PARK, CITY OF	480611
SOUTHLAKE, CITY OF	480612
TROPHY CLUB, TOWN OF	481606
WATAUGA, CITY OF	480613
WESTLAKE, TOWN OF	480614
WESTOVER HILLS, TOWN OF	480615
WESTWORTH VILLAGE, CITY OF	480616
WHITE SETTLEMENT, CITY OF	480617

REVISED PRELIMINARY

October 30, 2015

REVISED: _____

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
48439CV008B

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this Flood Insurance Study may be revised and republished at any time. In addition, part of this Flood Insurance Study may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the Flood Insurance Study. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current Flood Insurance Study components.

First Countywide FIS Effective Date: January 6, 1993

First Revised Countywide FIS Revision Date: August 2, 1995

Second Revised Countywide FIS Revision Date: August 23, 2000

Third Revised Countywide FIS Revision Date: Map revised September 25, 2009 to update corporate limits, to change Base Flood Elevations, to change Special Flood Hazards Areas, to change zone descriptions, to add roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Fourth Revised Countywide FIS Revision Date: _____

This preliminary revised Flood Insurance Study contains only Floodway Data tables or Flood Profiles added or revised as part of the revision. All other Floodway Data tables and Flood Profiles will appear in the final FIS report.

TABLE OF CONTENTS

VOLUME 1 - _____, 2016

Page

1.0 INTRODUCTION 1

1.1 Purpose of Study 1
1.2 Authority and Acknowledgments 1
1.3 Coordination 7

2.0 AREA STUDIED 8

2.1 Scope of Study 8
2.2 Community Description 32
2.3 Principal Flood Problems 33
2.4 Flood Protection Measures 35

3.0 ENGINEERING METHODS 37

3.1 Hydrologic Analyses 38
3.1.1 New Detailed Study Streams 38
3.1.2 Redelineated Detailed Study Streams 40
3.2 Hydraulic Analyses 98
3.2.1 New Detailed Study Streams 99
3.2.2 Redelineated Detailed Study Streams 102
3.3 Vertical Datum 110

FIGURES

Figure 1 – Frequency Discharge, Drainage Area Curves 42

TABLES

Table 1 – Scope of Study 8
Table 2 – Strean Name Changes 26
Table 3 – Letters of Map Revisions 27
Table 4 – Summary of Discharges 53
Table 5 – Summary of Reservoir Elevations 97
Table 6 – Summary of Roughness Coefficients 103

VOLUME 2 - _____, 2016

4.0 FLOODPLAIN MANAGEMENT APPLICATIONS 112

4.1 Floodplain Boundaries 112
4.2 Floodways 112

5.0 INSURANCE APPLICATIONS 219

6.0 FLOOD INSURANCE RATE MAP 219

TABLE OF CONTENTS (continued)

VOLUME 2 (continued)

Page

7.0 OTHER STUDIES 226

8.0 LOCATION OF DATA 226

9.0 BIBLIOGRAPHY AND REFERENCES 226

FIGURES

Figure 2 – Floodway Schematic 218

TABLES

Table 7 – Floodway Data 114
Table 8 – Community Map History 221

VOLUME 3 - _____, 2016

EXHIBITS

Exhibit 1 – Flood Profiles

Arbor Creek	Panel	01(a)P
Ash Creek	Panels	01P – 02P
Big Bear Creek	Panels	03P – 13P
Tributary BB-1	Panel	14P
Tributary BB-2	Panel	15P
Tributary BB-3	Panel	16P
Tributary BB-5	Panels	17P – 18P
Tributary BB-6	Panels	19P – 20P
Tributary BB-7	Panel	21P
Tributary BB-8	Panel	22P
Tributary BB-9	Panel	23P
Tributary BB-10	Panels	24P – 25P
Tributary BB-11	Panel	26P
Tributary BB-12	Panels	27P – 28P
Tributary BB-13	Panels	29P
Unnamed Tributary to Big Bear Creek	Panel	30P
Big Fossil Creek	Panels	31P – 39P
Western Center Split Flow	Panel	39(a)P
Stream BFC-1	Panels	40P – 41P
Stream BFC-2	Panels	42P-45(a)P
Stream BFC-2A	Panels	46P-51P
Stream BFC-3	Panels	52P-53P
Stream BFC-4	Panels	54P-55P

TABLE OF CONTENTS (continued)

VOLUME 3 (continued)

EXHIBITS (continued)

Stream BFC-4A	Panels	56P-57P
Unnamed Tributary to Stream BFC-4A	Panel	57(a)P
Stream BFC-4B	Panel	58P
Stream BFC-5	Panels	59P-63P
Stream BFC-5A	Panels	64P-66P
Stream BFC-5B	Panels	67P-70P
Stream BFC-6	Panels	71P-73P
Stream BFC-7	Panel	74P
Blessing Branch	Panels	75P-76P
Boaz Creek	Panel	77P
Bowman Branch	Panels	78P-80P
Stream BB-1	Panels	81P-83P
Boyd Branch	Panels	84P-86P
Briar Creek	Panels	87P-88P
Buffalo Creek	Panels	89P-91P
Old Buffalo Creek	Panel	92P
Bunker Hill Creek	Panels	93P-95P

VOLUME 4 - _____, 2016

EXHIBITS (continued)

Calloway Branch	Panels	96P-102P
Stream CB-1 (New)	Panels	103P-104P
Stream CB-1 (Old)	Panel	105P
Stream CB-1 (Old) Diversion Channel	Panels	106P
Stream CB-2	Panels	107P-108P
Cement Creek	Panels	109P-110P
West Fork Cement Creek	Panels	111P-113P
Chambers Creek	Panels	114P-116P
North Fork Chambers Creek	Panels	117P-119P
South Fork Chambers Creek	Panels	120P-122P
Clear Fork Trinity River	Panels	123P-125P
Stream CF-2	Panels	126P-128P
Stream CF-3	Panels	129P-130P
Stream CF-3A	Panels	131P-133P
Stream CF-3B	Panels	134P-135P
Stream CF-3C	Panel	136P
Stream CF-4	Panel	137P
Stream CF-4A	Panels	138P-139P
Stream CF-4A Diversion	Panel	140P
Stream CF-5	Panels	141P-143P
Stream CF-6	Panels	144P-145P

TABLE OF CONTENTS (continued)

VOLUME 4 (continued)

EXHIBITS (continued)

Cottonwood Branch	Panels	146P-148P
Cottonwood Creek 1	Panels	149P-152P
Unnamed Tributary to Cottonwood Creek 1	Panel	153P
Cottonwood Creek 2	Panels	154P-155(a)P
Stream CC-1	Panel	155(b)P
Stream CC-2	Panel	155(c) P
Stream CC-3	Panel	155(d)P
Stream CC-4	Panel	155(e)P
Unnamed Tributary to Cottonwood Creek 2	Panel	156P
South Fork of Cottonwood Creek 2	Panels	157P-159P
Crowley Branch	Panel	160P
Cub Creek	Panel	161P
Deer Creek	Panels	162P-163P
North Branch of Deer Creek	Panels	164P-168P
Unnamed Tributary to North Branch of Deer Creek	Panels	169P-170P
Unnamed Tributary to An Unnamed Tributary to North Branch of Deer Creek	Panel	171P
Northwest Branch of Deer Creek	Panels	172P-175P
North Fork of Deer Creek	Panel	176P
South Fork of Deer Creek	Panels	177P-178P
South Fork of North Branch of Deer Creek	Panels	179P-181P
Denton Creek	Panels	182P-183P
Dove Creek	Panels	184P-186P

VOLUME 5 - _____, 2016

EXHIBITS (continued)

Dry Branch	Panels	187P-189P
Dutch Branch	Panel	190P
Tributary DB-3	Panel	191P
Edgecliff Branch	Panels	192P-193P
Stream EB-1	Panel	194P
Elm Branch	Panels	195P-196P
Farmers Branch	Panels	197P-204P
Unnamed Tributary to Farmers Branch	Panel	205P
Stream FB-1	Panels	206P-210P
Unnamed Tributary to Stream FB-1	Panel	211P
Farris Branch	Panel	212P
Farris Branch East	Panel	213P

Fish Creek	Panels	214P-218(b)P
Stream FC-1	Panels	219P-220P
Stream FC-2	Panels	221P-222P
Stream FC-3	Panels	222(a)P-222(b)P
Stream FC-4	Panels	222(c)P-222(d)P
North Fork Fish Creek (Prairie Creek)	Panels	223P-225(b)P
Stream NF-1	Panel	225(c)P
Stream NF-2	Panel	225(d)P
Stream NF-3	Panel	225(e)P
Stream NF-4	Panel	225(f)P

TABLE OF CONTENTS (continued)

VOLUME 5 (continued)

EXHIBITS (continued)

Garden Branch	Panels	226(a)P-226(b)P
Hawkwood Branch	Panel	226P
Henrietta Creek	Panels	227P-234P
Henrietta Creek 5	Panels	235P
Henrietta Creek 6	Panels	236P-237P
Henrietta Creek 6A	Panel	238P
Stream HEN-1	Panel	239P
Stream HEN-2	Panels	240P-241P
Stream HEN-2A	Panels	242P-243P
Unnamed Tributary to Henrietta Creek	Panel	244P-245P
Unnamed Tributary to Unnamed Tributary to Henrietta Creek	Panels	246P
Higgins Branch	Panels	247P-248P
Hogpen Branch	Panels	249P-250P
Howards Branch	Panel	251P
Stream HB-1	Panels	252P-253P
Hurricane Creek	Panels	254P-258P
Stream HC-1	Panels	259P-260P
Hurricane Creek Tributary 1	Panel	261P
East Fork Hurricane Creek	Panels	262P-263P
North Fork West Branch Hurricane Creek	Panel	264P
West Branch Hurricane Creek	Panel	265P
Unnamed Tributary of Hurricane Creek	Panel	265(a)P
Johnson Creek	Panels	266P-268P
Stream JC-1	Panels	278P-279P
Stream JC-2	Panels	280P-281P
Stream JC-3	Panels	282P-283P
Kee Branch	Panels	284P-287P
Stream KB-1	Panels	288P-289P

VOLUME 6 - _____, 2016

EXHIBITS (continued)

Kings Branch	Panels	290P-292P
Kirby Creek	Panel	293P
Kirkwood Branch	Panels	294P-296P
Kirkwood Branch Tributary	Panel	297P
South Fork Kirkwood Branch	Panels	298P-299P
Little Bear Creek	Panels	300P-305P
Stream LB-1	Panels	306P-308P
Stream LB-2	Panel	309P

TABLE OF CONTENTS (continued)

VOLUME 6 (continued)

EXHIBITS (continued)

Stream LB-3	Panel	310P
Stream LB-6	Panel	311P
Tributary Little Bear 1	Panels	312P-313P
Tributary Little Bear 2	Panels	314P-315P
Little Fossil Creek	Panels	316P-322P
Little Fossil Creek Split Flow	Panels	323P-324P
Stream LFC-1	Panel	325P
Stream LFC-2	Panel	326P
Unnamed Tributary to Stream LFC-2	Panels	327P
Unnamed Tributary 1 to Little Fossil Creek	Panels	327(a)P
Unnamed Tributary 2 to Little Fossil Creek	Panels	327(b)P
Unnamed Tributary of Unnamed Tributary 2 to Little Fossil Creek	Panels	327(c)P
Live Oak Creek	Panels	328P-329P
Lorean Branch	Panels	330P-332P
Unnamed Tributary to Lorean Branch	Panel	333P
Low Branch	Panels	334P-337P
Lynn Creek	Panels	338P-341P
Mackey Creek	Panels	342P-348P
Mackey Creek Diversion North	Panels	349P-352P
Marine Creek	Panels	353P-356P
Marine Creek Split Flow	Panels	357P-358P
MC-4 Creek	Panels	359P
Stream MC-1	Panel	360P-361P
Stream MC-2	Panel	362P
Marshall Branch	Panels	363P-364P

VOLUME 7 - _____, 2016

EXHIBITS (continued)

Marys Creek	Panels	365P-372P
South Marys Creek	Panels	373P-376P
Stream MSC-1	Panels	377P-378P
Unnamed Tributary to Stream MSC-1	Panel	379P
Stream MSC-1A (Plantation West Creek)	Panels	380P-381P
Stream MSC-2	Panels	382P-383P
Stream MSC-2A	Panel	384P
Stream MSC-3	Panels	385P-386P
Mesquite Branch	Panel	387P-388P
Nichols Branch	Panels	389P-391P
North Creek	Panels	392P-393P

TABLE OF CONTENTS (continued)

VOLUME 7 (continued)

EXHIBITS (continued)

Pantego Branch	Panels	394P-397P
Paschal Branch	Panels	398P-399P
Plantation East Creek	Panels	400P-401P
Pond Branch	Panels	402P-405P
Ragland Branch	Panel	406P
Reynolds Branch	Panel	407P
Robertson Branch	Panels	408P-409P
Rush Creek	Panels	410P-417P
Forest Park Tributary of Rush Creek	Panels	418P-419P
Northeast Tributary of Rush Creek	Panels	420P-421P
Rush Creek Relief Channel	Panel	422P
Stream RC-1	Panels	423P-424P
Stream RC-1(A)	Panels	425P-426P
Stream RC-2	Panels	427P-428P
Ryan's Branch	Panel	429P
Silver Creek	Panels	430P-431P
Singing Hills Creek	Panels	432P-435P
Unnamed Tributary to Singing Hills Creek	Panels	436P
South Creek	Panels	437P-439P
North Branch of North Fork of South Creek	Panels	440P-441P
North Branch of North Fork of South Creek Split Flow	Panels	442P-444P
North Fork of South Creek	Panels	445P-446P
Sublett Creek	Panels	447P-448P
Sulphur Branch	Panels	449P-454P
Stream SB-1	Panels	455P-456P
Unnamed Tributary to Sulphur Branch	Panel	457P

VOLUME 8 - _____, 2016

EXHIBITS (continued)

Sycamore Creek	Panels	458P-464P
Stream SC-1	Panels	465P-466P
Stream SC-2	Panels	467P-469P
Stream SC-3	Panels	470P-471P
Stream SC-4	Panel	472P
Stream SC-5	Panels	473P-474P
Stream SC-6	Panels	475P-477P
Stream SC-7	Panels	478P-479P
Stream SC-7A	Panel	480P
Unnamed Tributary 5 to Sycamore Creek	Panel	481P

TABLE OF CONTENTS (continued)

VOLUME 8 (continued)

EXHIBITS (continued)

Unnamed Tributary 7 to Sycamore Creek	Panel	483P
Unnamed Tributary 6 to Sycamore Creek	Panel	482P
Unnamed Tributary to Unnamed Tributary 7 to Sycamore Creek	Panel	484P
Timber Creek	Panels	485P-487P
Timber Creek Diversion	Panels	488P-489P
South Timber Creek	Panel	490P
Tributary B	Panels	491P-493P
Tributary C	Panels	494P-496P
Twin Springs Draw	Panel	497P
Valley View Branch	Panels	498P-501P
Stream VVB-1	Panel	502P
Village Creek	Panels	503P-513P
Stream VC(A)-1	Panels	514P-515P
Stream VC(A)-2	Panel	516P
Stream VC-1	Panels	517P-518P
Stream VC-2	Panels	519P-520P
Stream VC-2A	Panel	521P
Stream VC-3	Panel	522P
Stream VC-4	Panel	523P
Stream VC-4A	Panel	524P
Stream VC-5	Panels	525P-527P
Stream VC-6	Panels	528P-531P
Stream VC-7	Panels	532P-534P
Walker Branch	Panels	535P-544P
Stream WKB-1	Panels	545P-547P
Tributary W-4	Panel	548P
Walnut Creek 1	Panel	549P
Walnut Creek 2	Panels	550P-553P
Unnamed Tributary to Walnut Creek 2	Panels	554P
Walnut Creek 3	Panels	555P-559P

VOLUME 9 - _____, 2016

EXHIBITS (continued)

Warrior Creek	Panel	559(a)P
Watson Branch	Panels	560P-562P
West Fork Trinity River	Panels	563P-585P
Stream WF(A)-1	Panels	586P-588P
Stream WF(A)-2	Panels	589P-590P
Stream WF-1	Panels	591P-592P

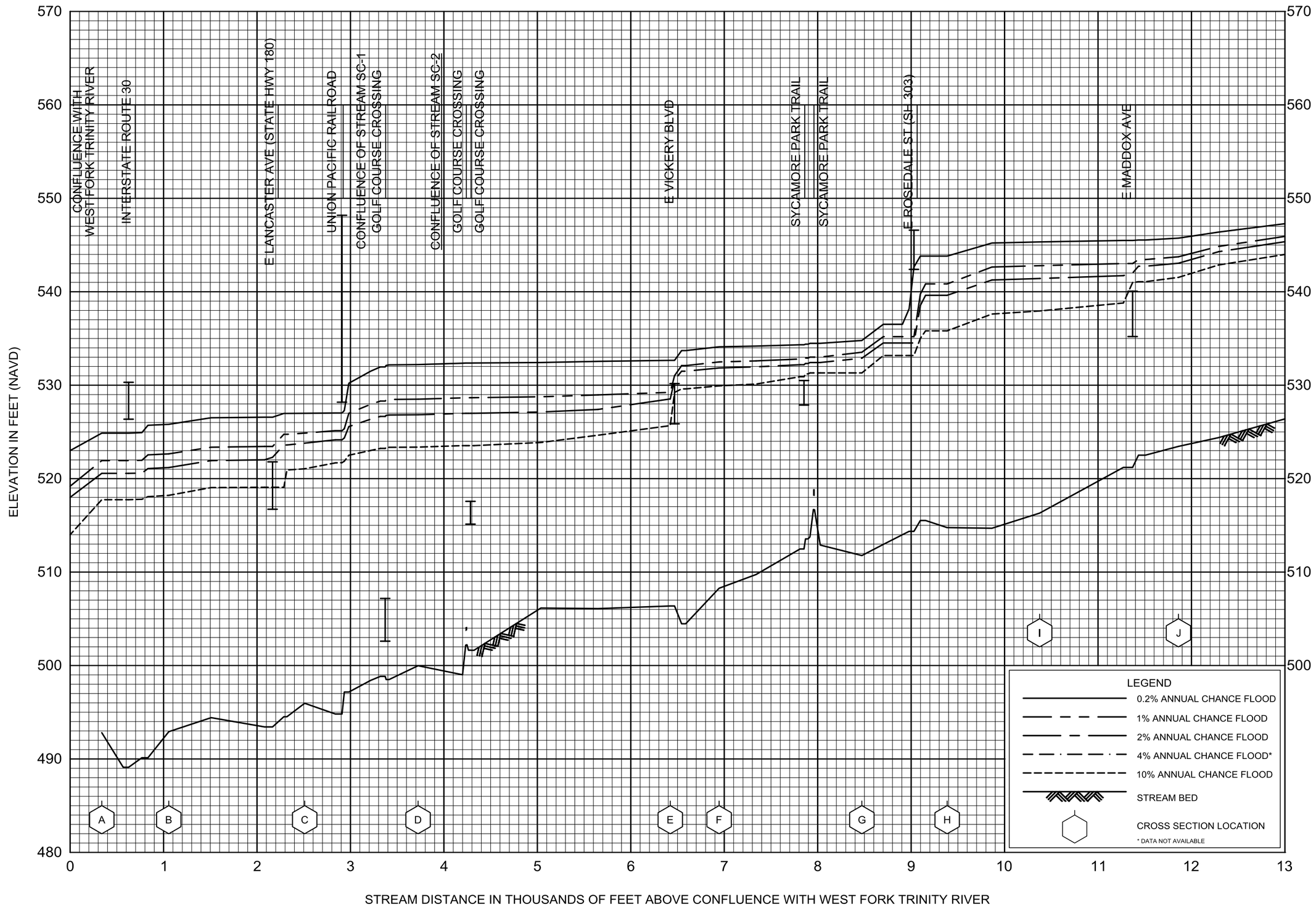
TABLE OF CONTENTS (continued)

VOLUME 9 (continued)

EXHIBITS (continued)

Stream WF-1A	Panels	593P-594P
Stream WF-1B	Panels	595P-596P
Stream WF-2	Panels	597P-599P
Stream WF-2A	Panel	600P
Stream WF-3	Panels	601P-604P
Stream WF-4	Panels	605P-606P
Stream WF-5	Panels	607P-610P
Stream WF-7	Panels	611P-612P
Stream WF-7A	Panels	613P-616P
Stream WF-7B	Panels	617P-618P
Stream WF-9	Panels	619P-622P
Stream WF-10	Panels	623P-626P
Stream WF-10A	Panels	627P-628P
Stream WF-11	Panels	629P-630P
Unnamed Tributary to West Fork Trinity River	Panel	631P
Unnamed Tributary 1 to West Fork Trinity River	Panel	632P
West Jones Branch	Panel	633P
Whites Branch	Panels	634P-639P
Stream WB-1	Panels	640P-641P
Unnamed Tributary to Stream WB-1	Panel	642P
Stream WB-2	Panel	643P
Stream WB-3	Panel	644P
Stream WB-3D	Panel	645P
Wildcat Branch	Panels	646P-647P
Stream WC-1	Panels	648P-649P
Willow Bend Creek	Panels	650P-653P
Willow Branch	Panels	654P-655P

Exhibit 2 – Flood Insurance Rate Map Index
Flood Insurance Rate Map



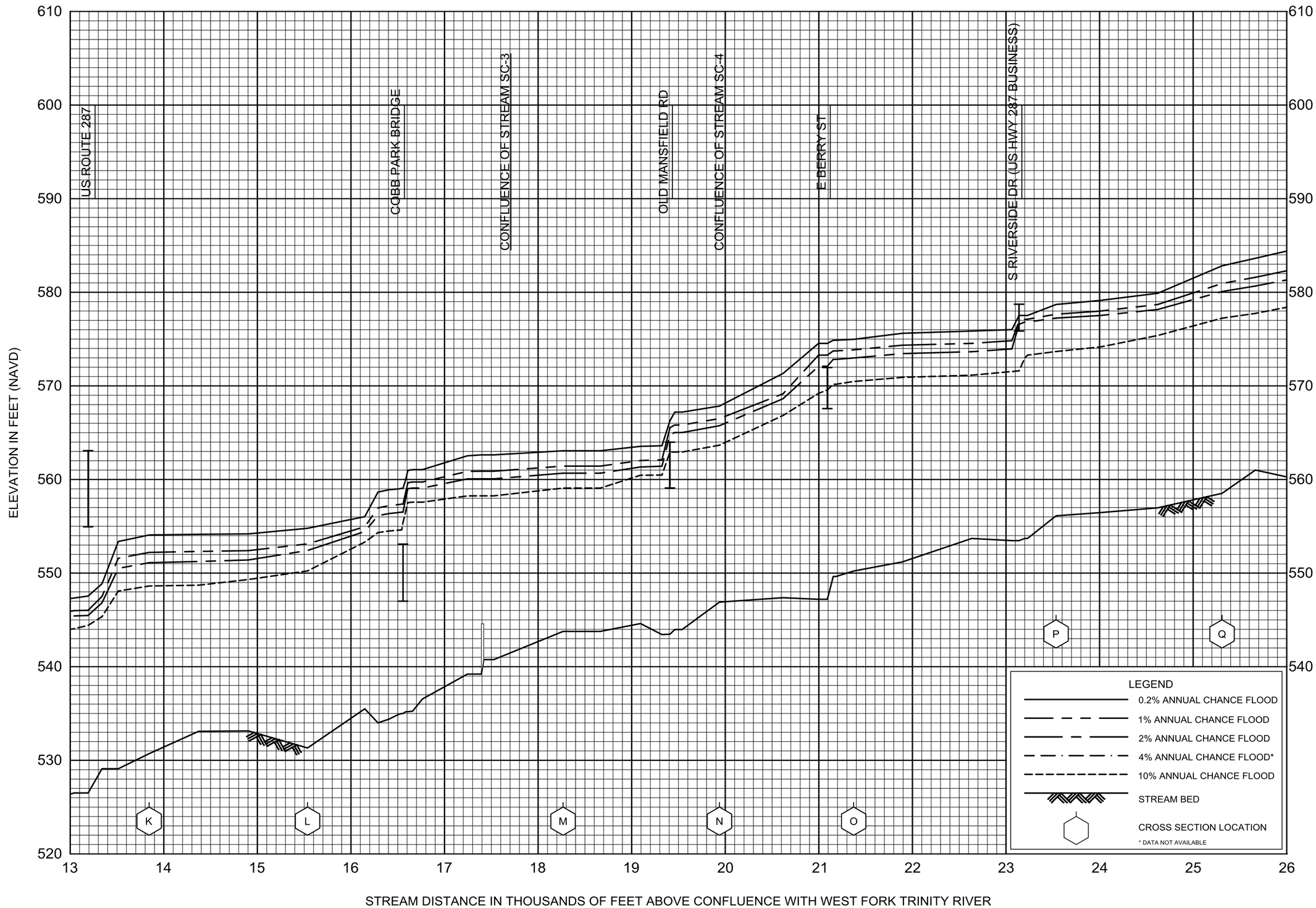
FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



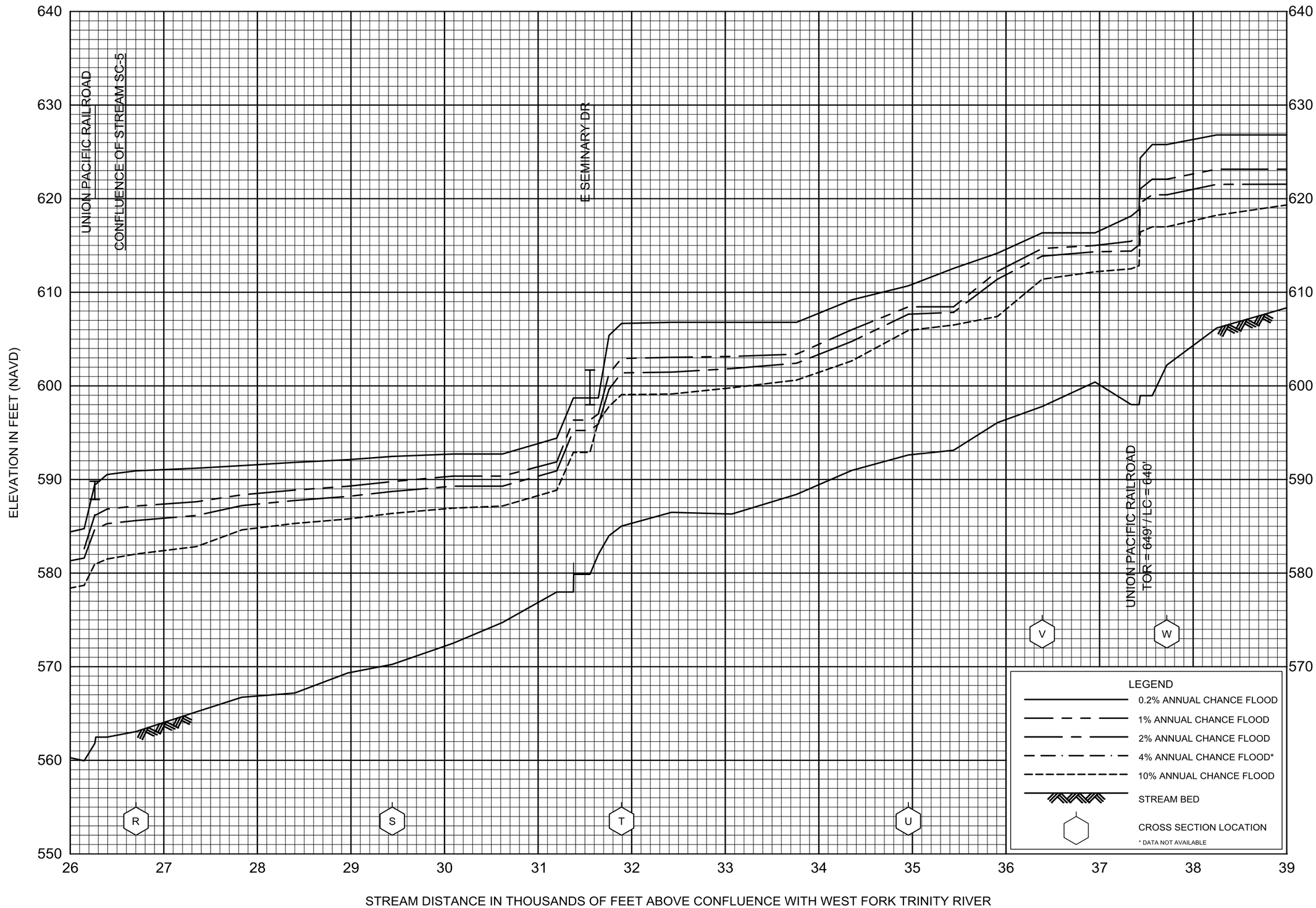
FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



FLOOD PROFILES

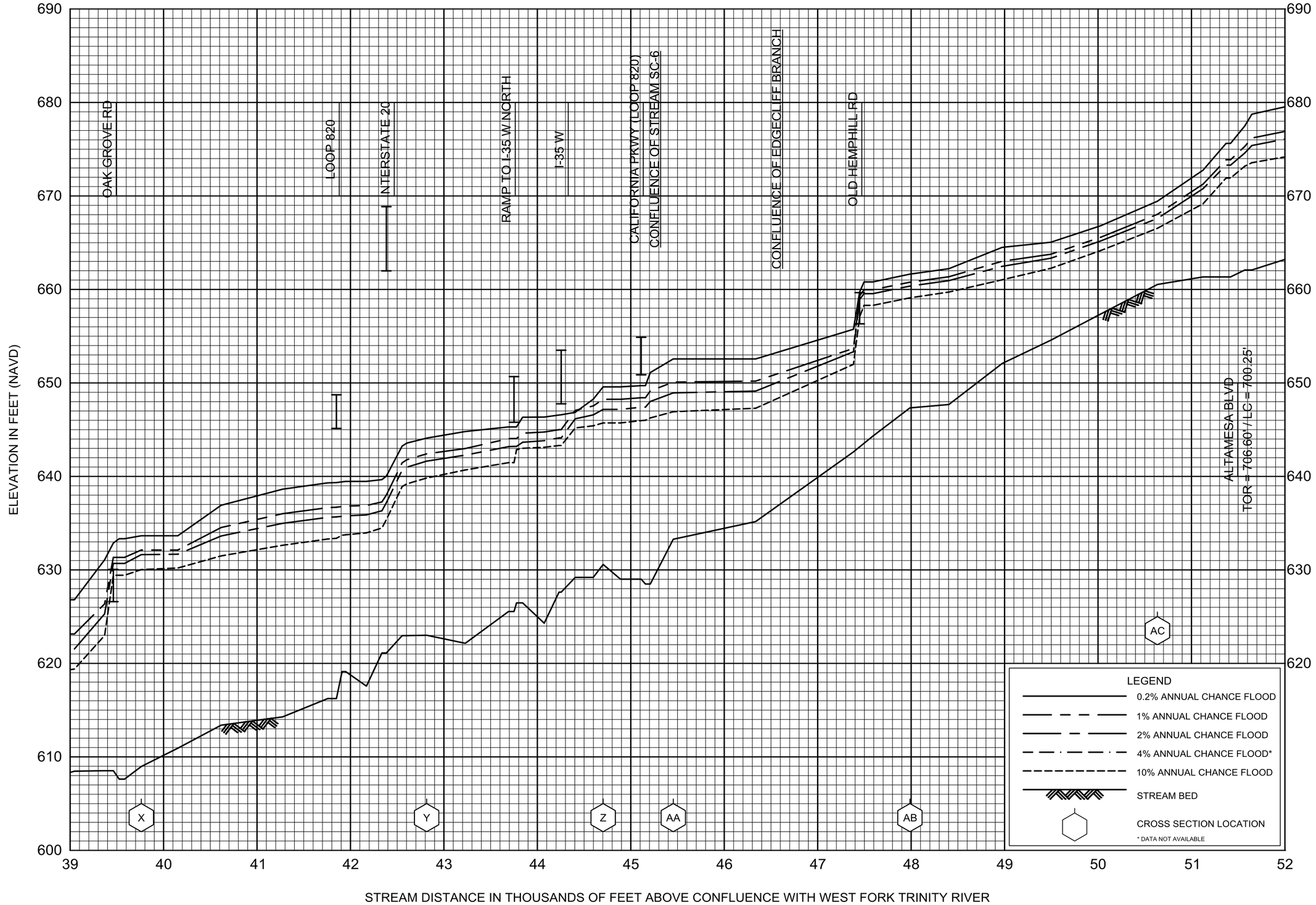
SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

460P



FLOOD PROFILES

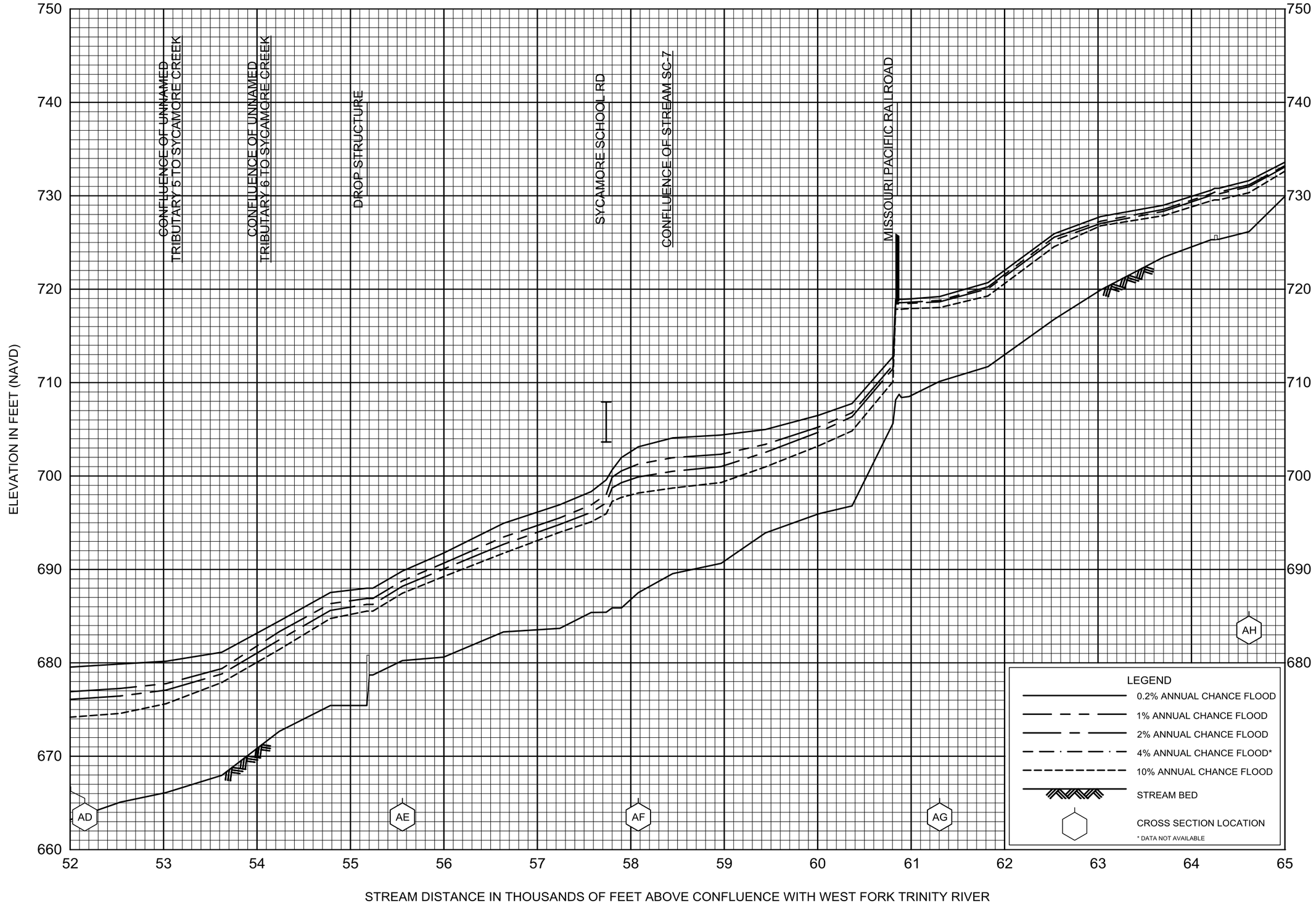
SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

461P



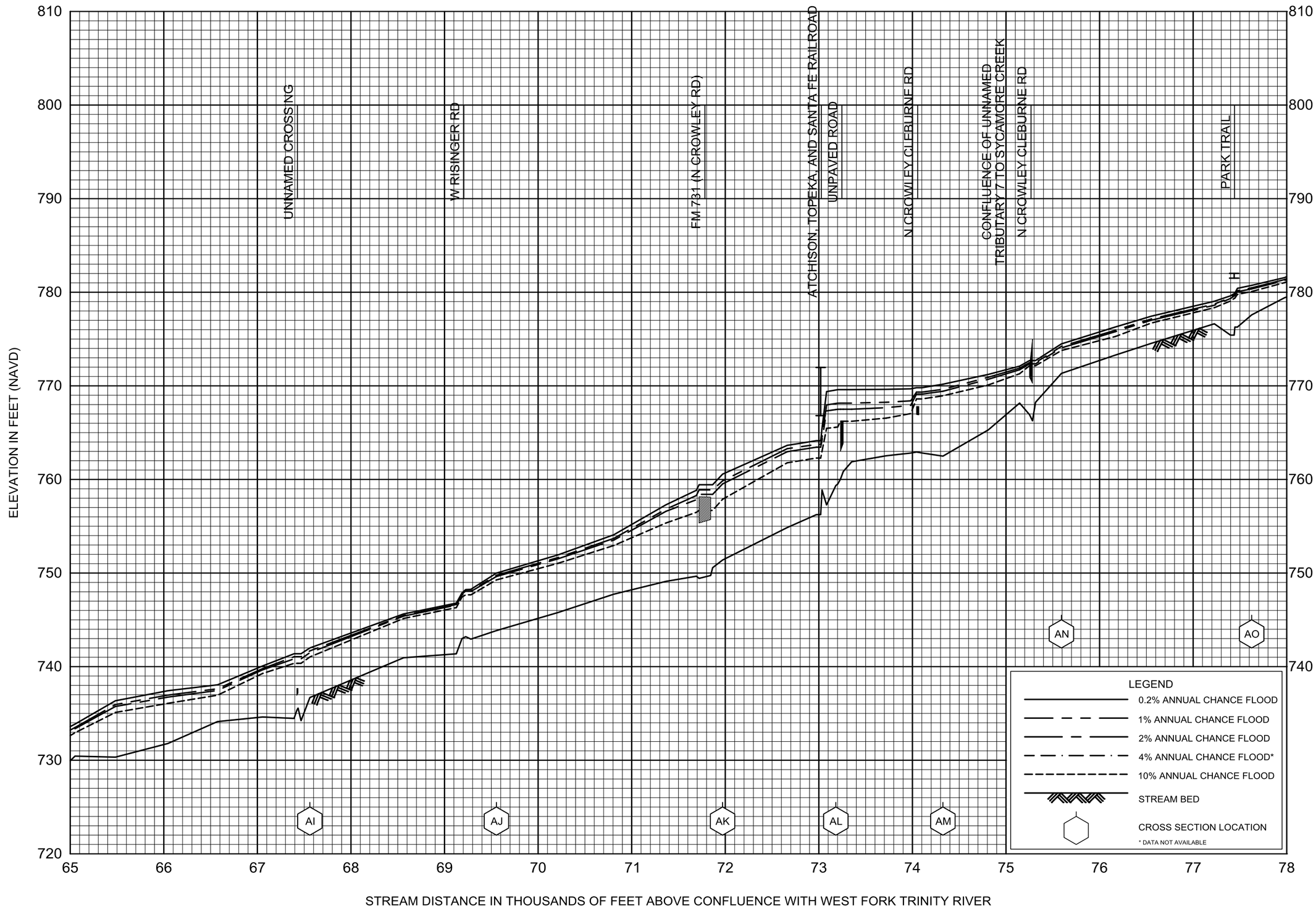
FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



FLOOD PROFILES

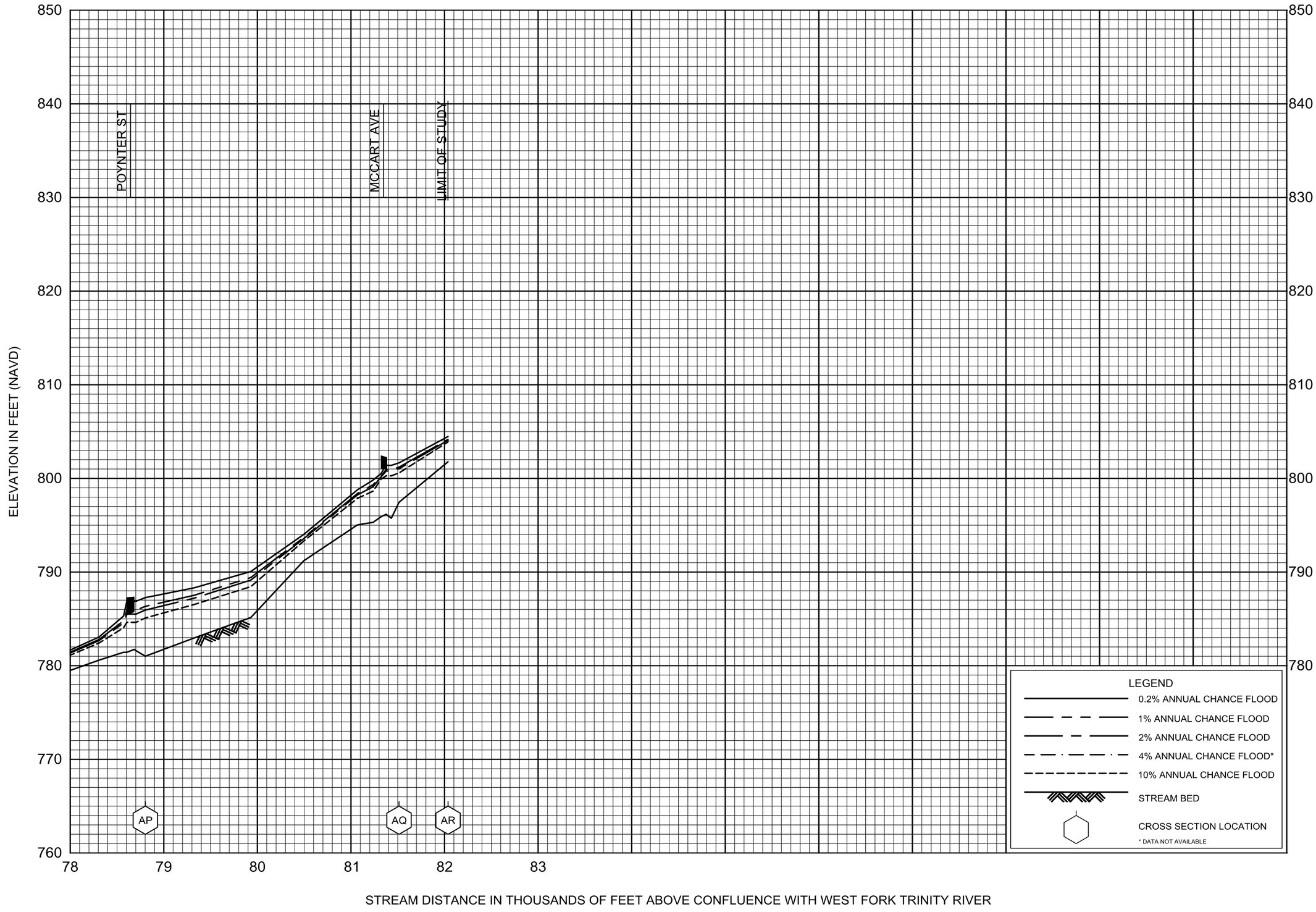
SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

463P



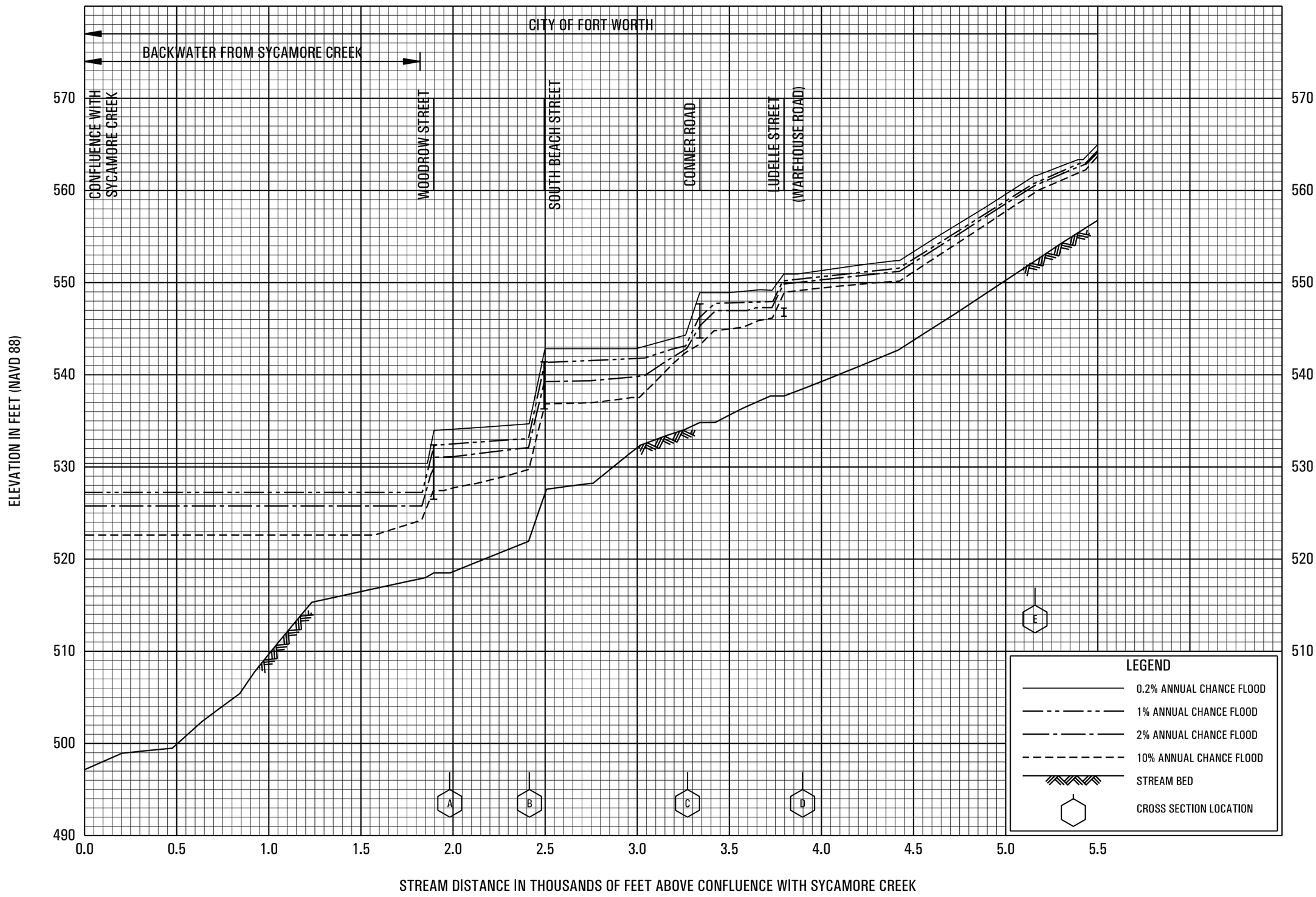
FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



FLOOD PROFILES

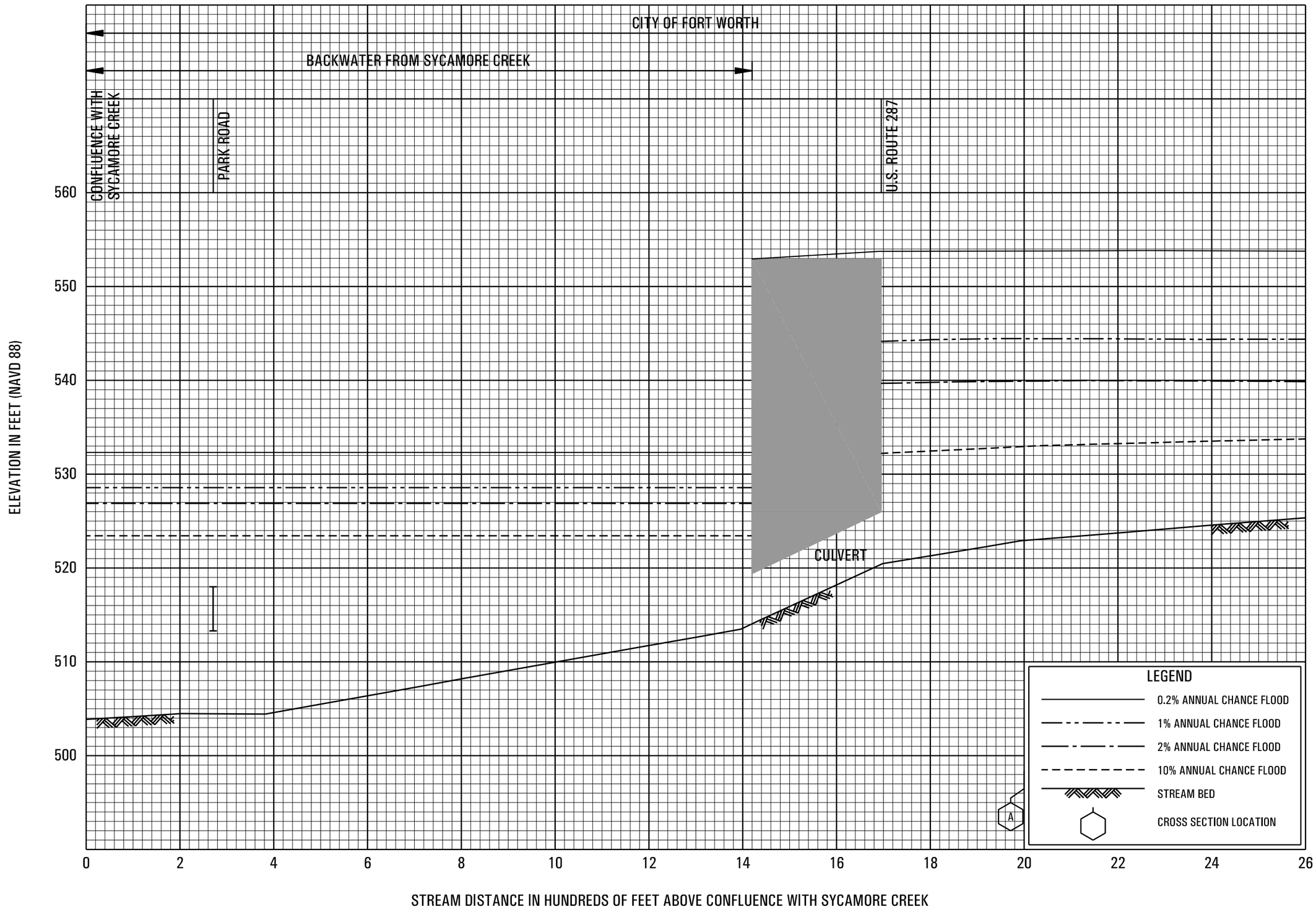
STREAM SC-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

465P



FLOOD PROFILES

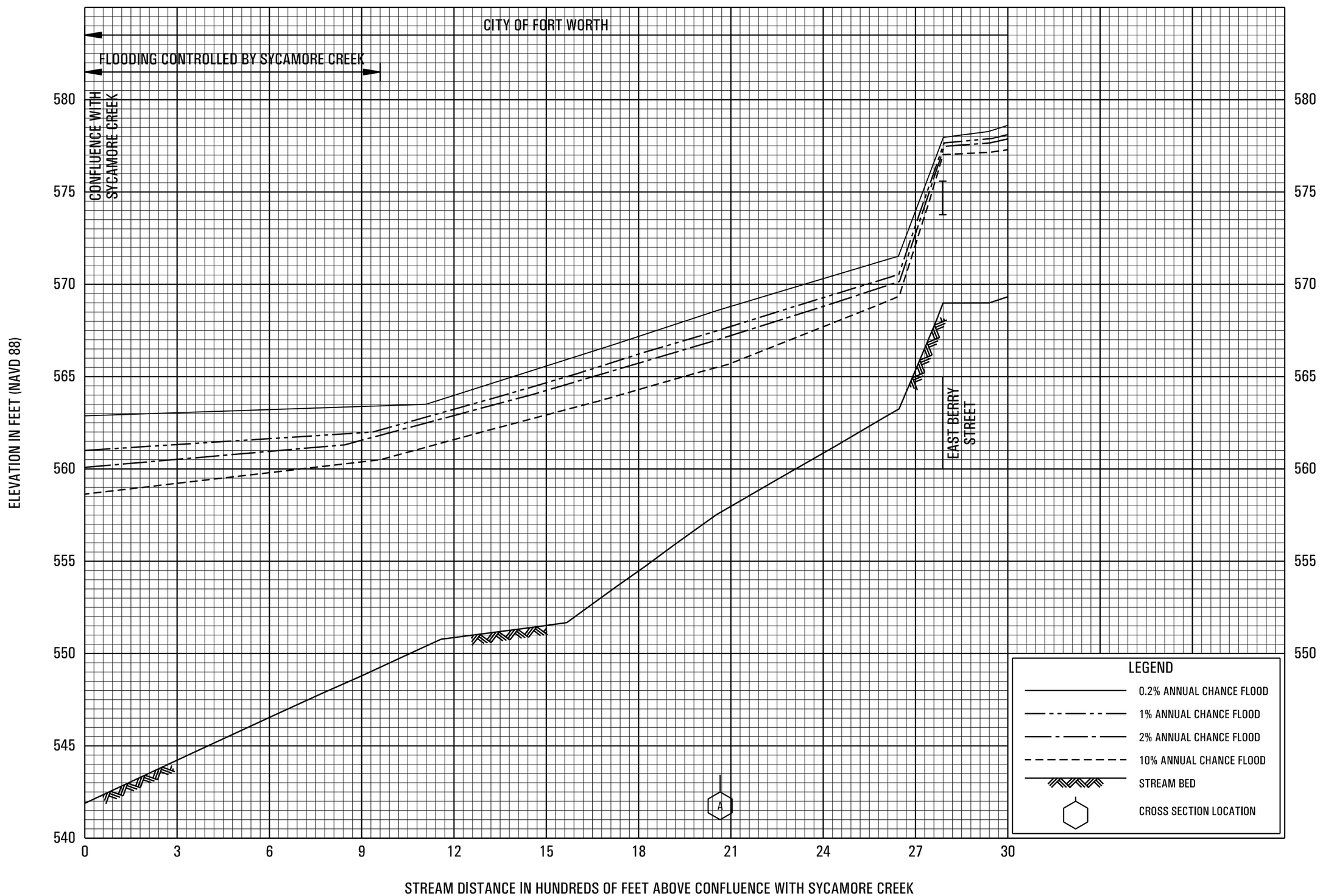
STREAM SC-2

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

467P



FLOOD PROFILES

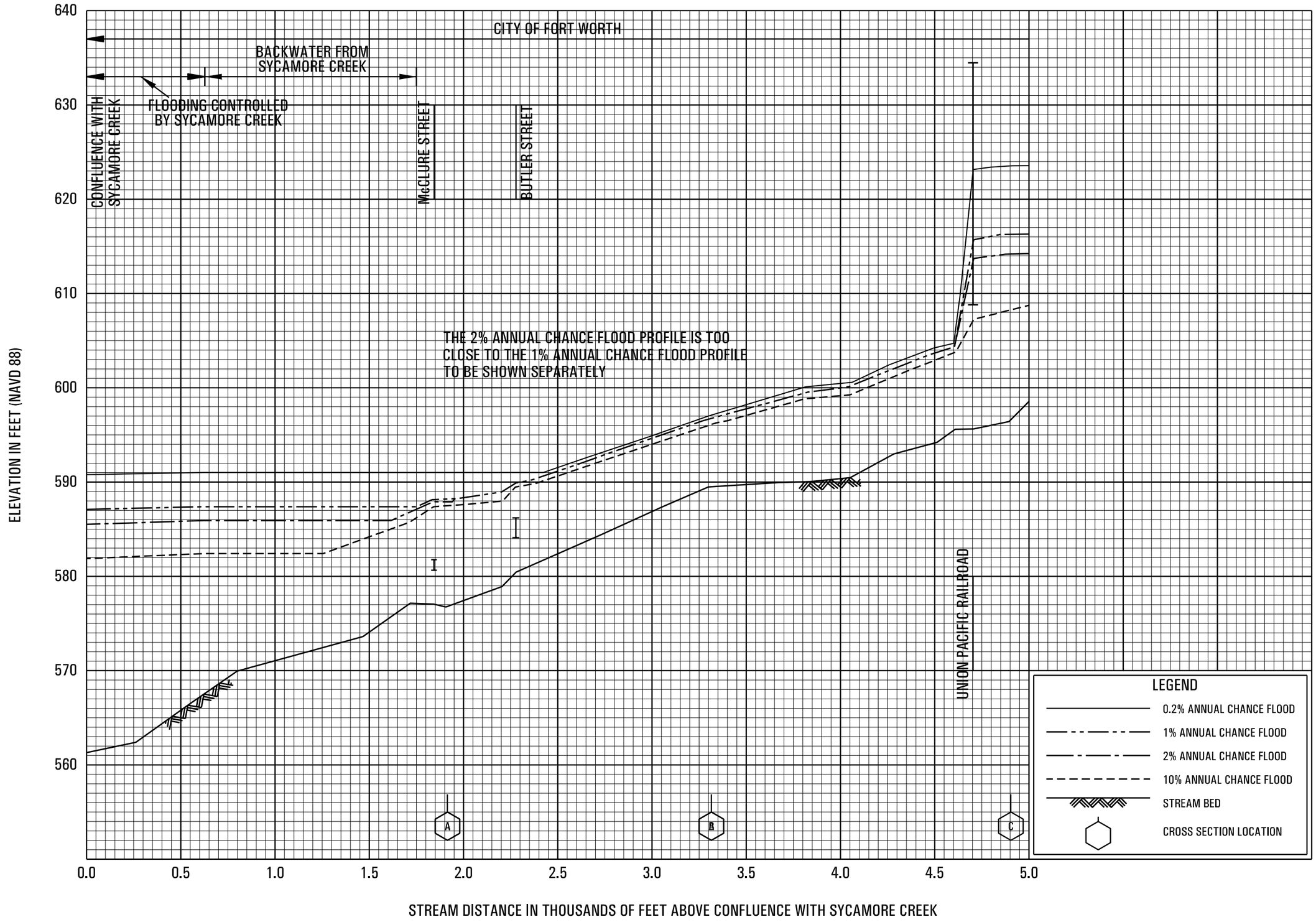
STREAM SC-3

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

470P



FLOOD PROFILES

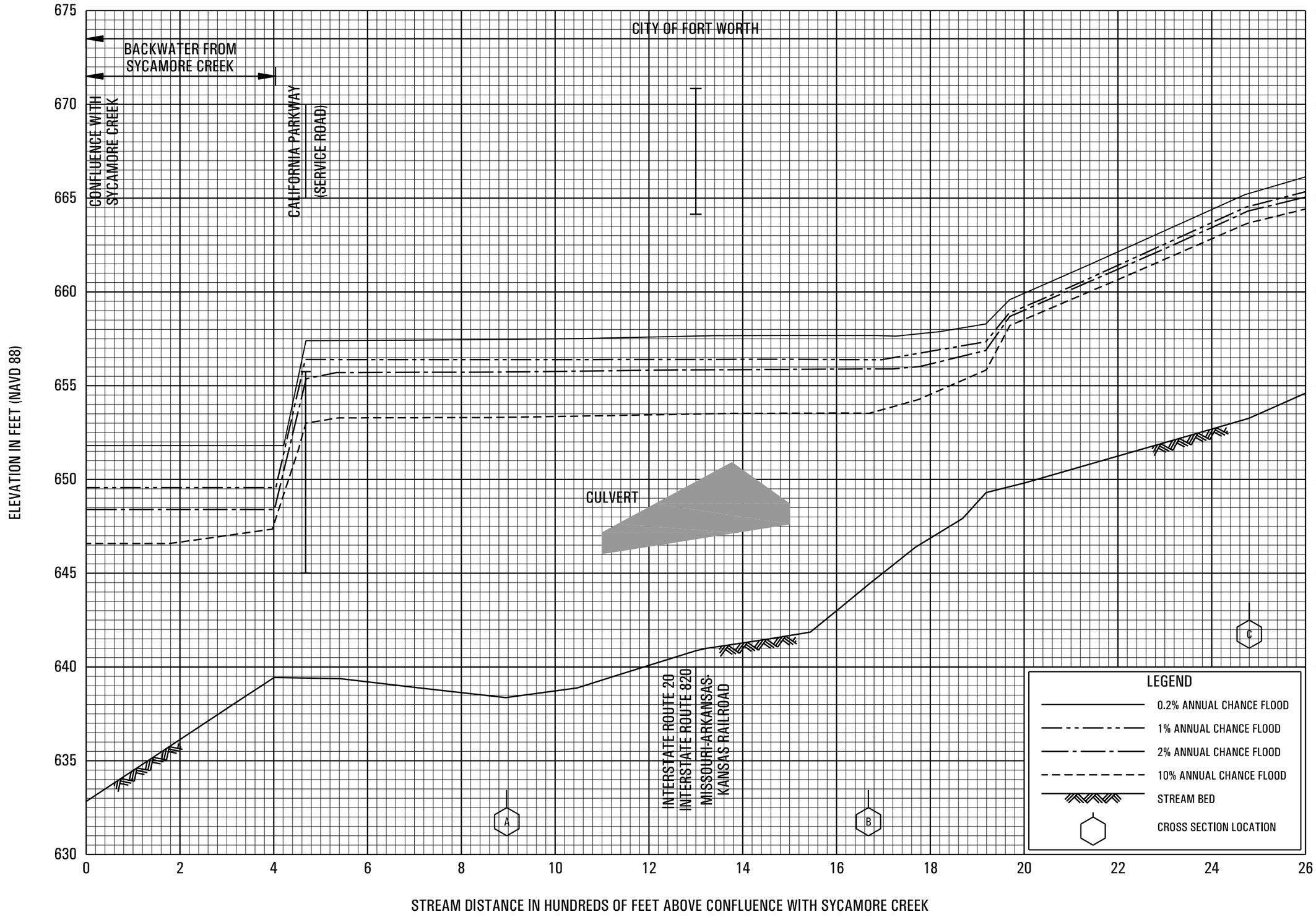
STREAM SC-5

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

473P



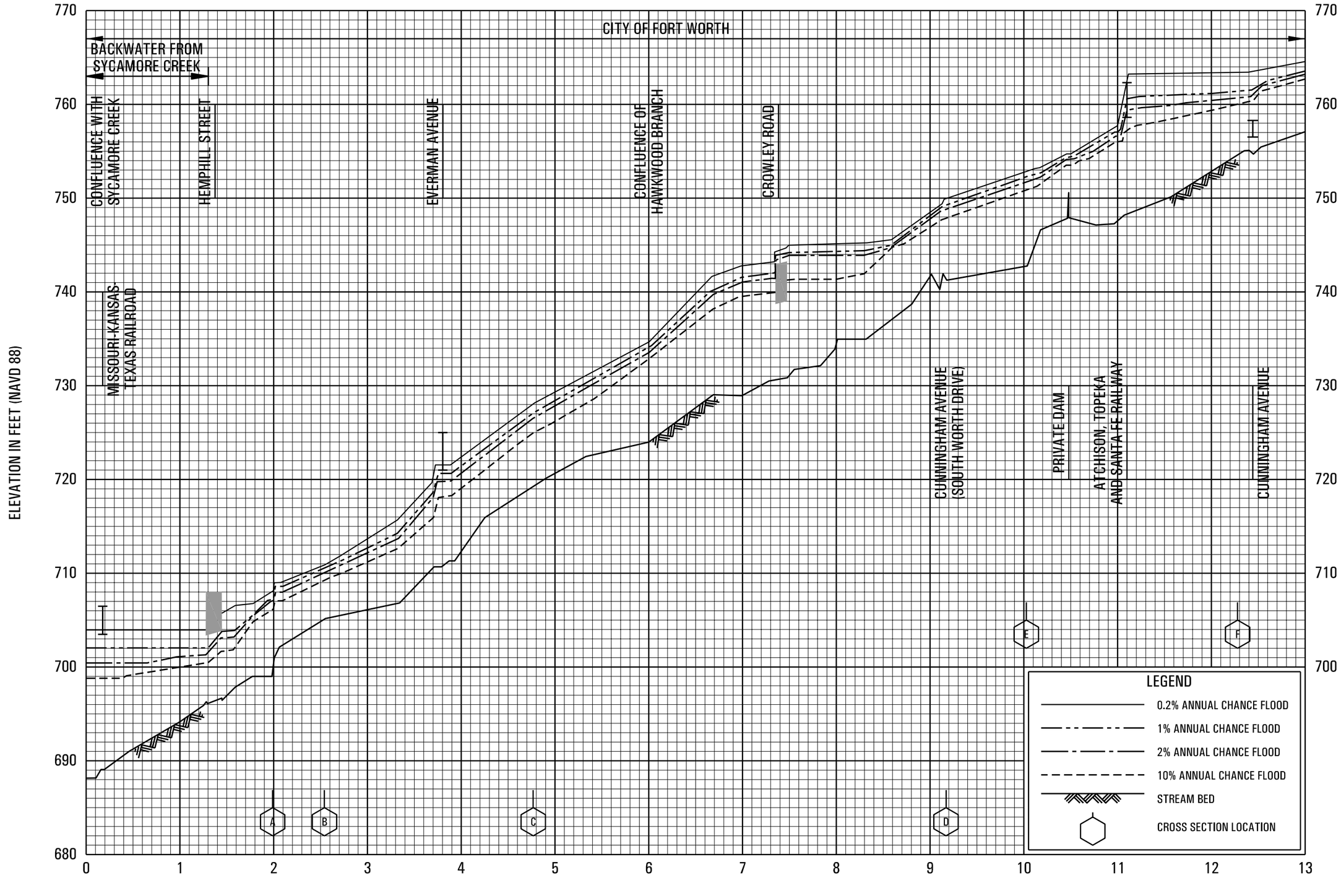
FLOOD PROFILES

STREAM SC-6

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



FLOOD PROFILES

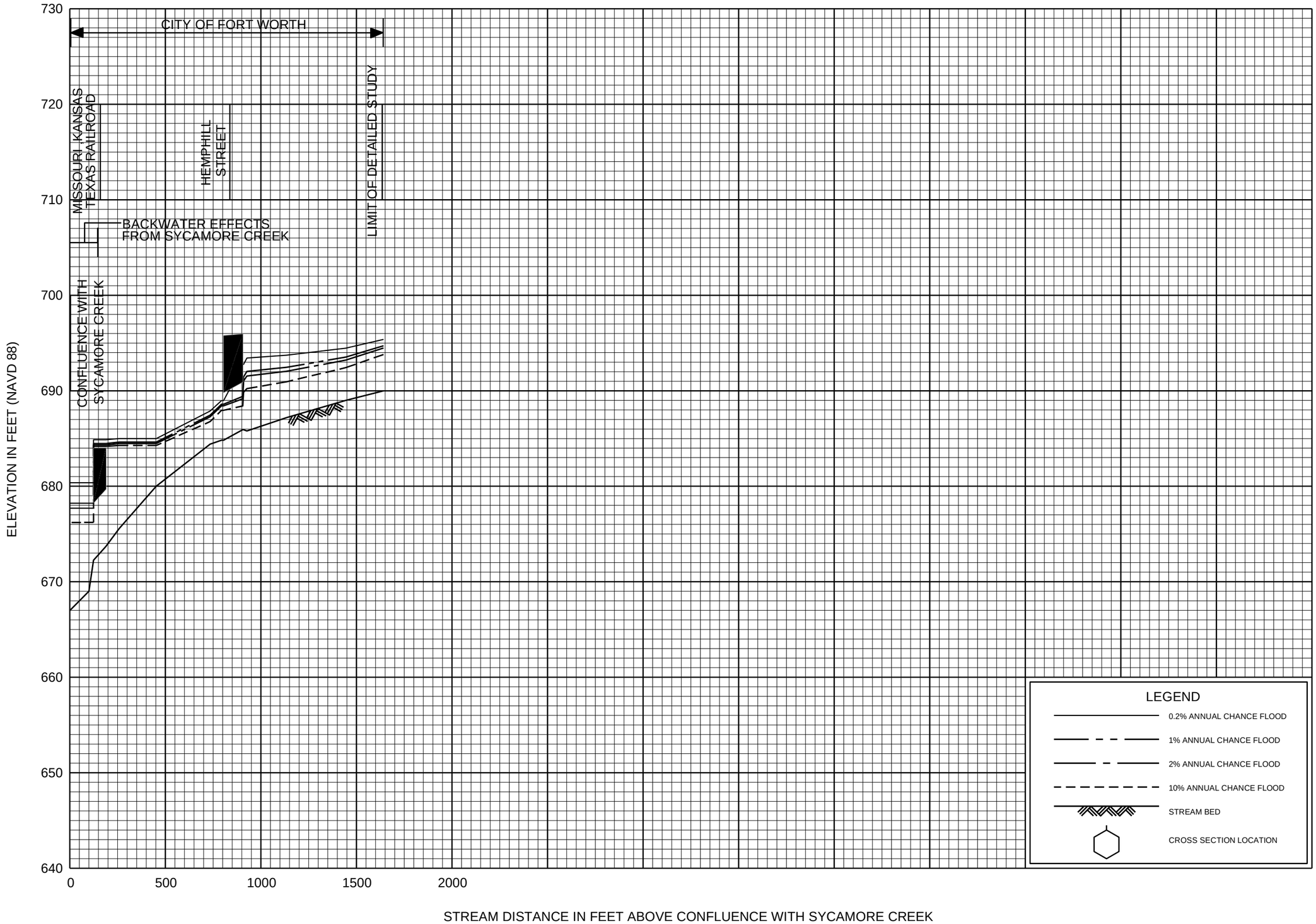
STREAM SC-7

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS

478P



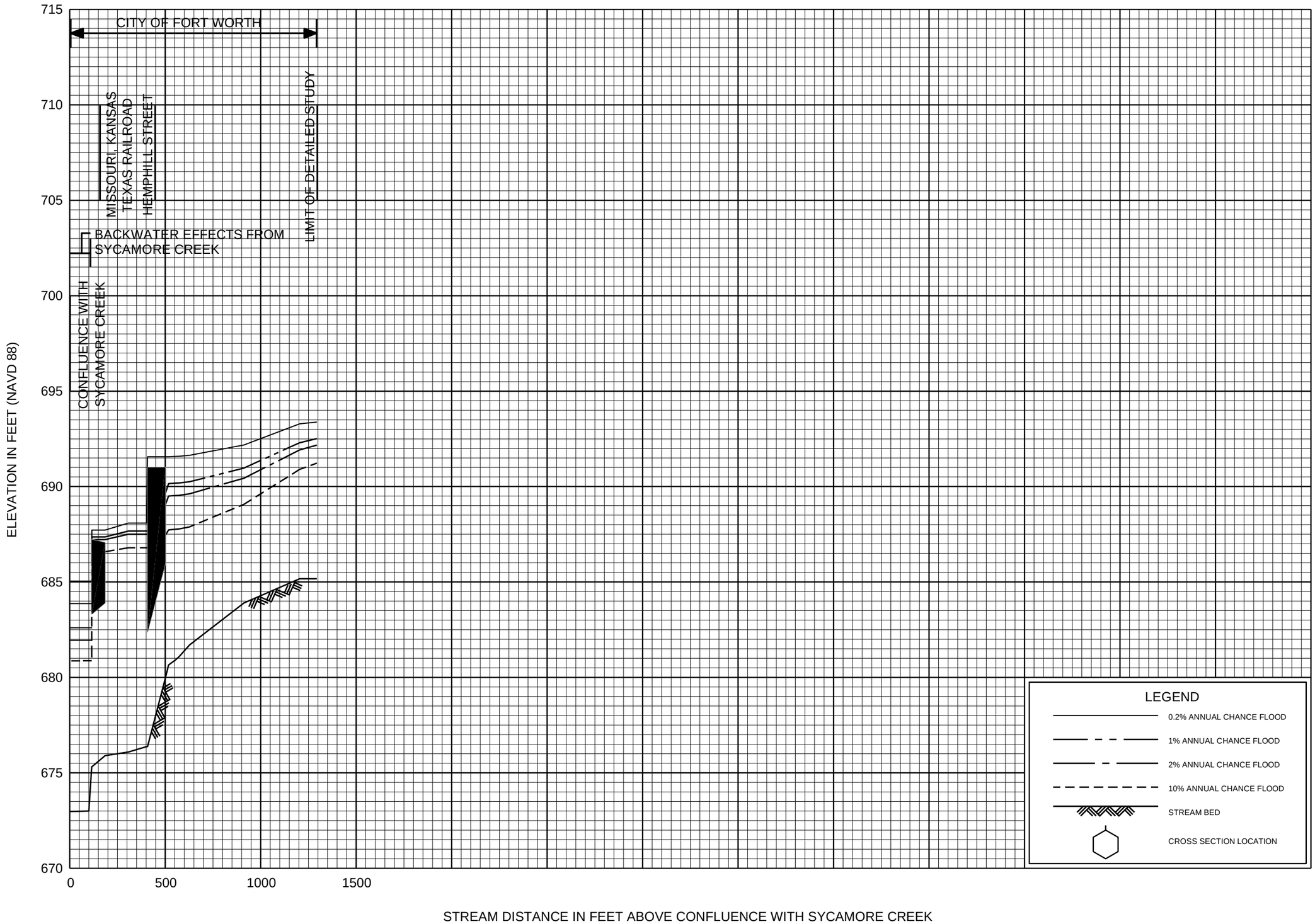
FLOOD PROFILES

UNNAMED TRIBUTARY 5 TO SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



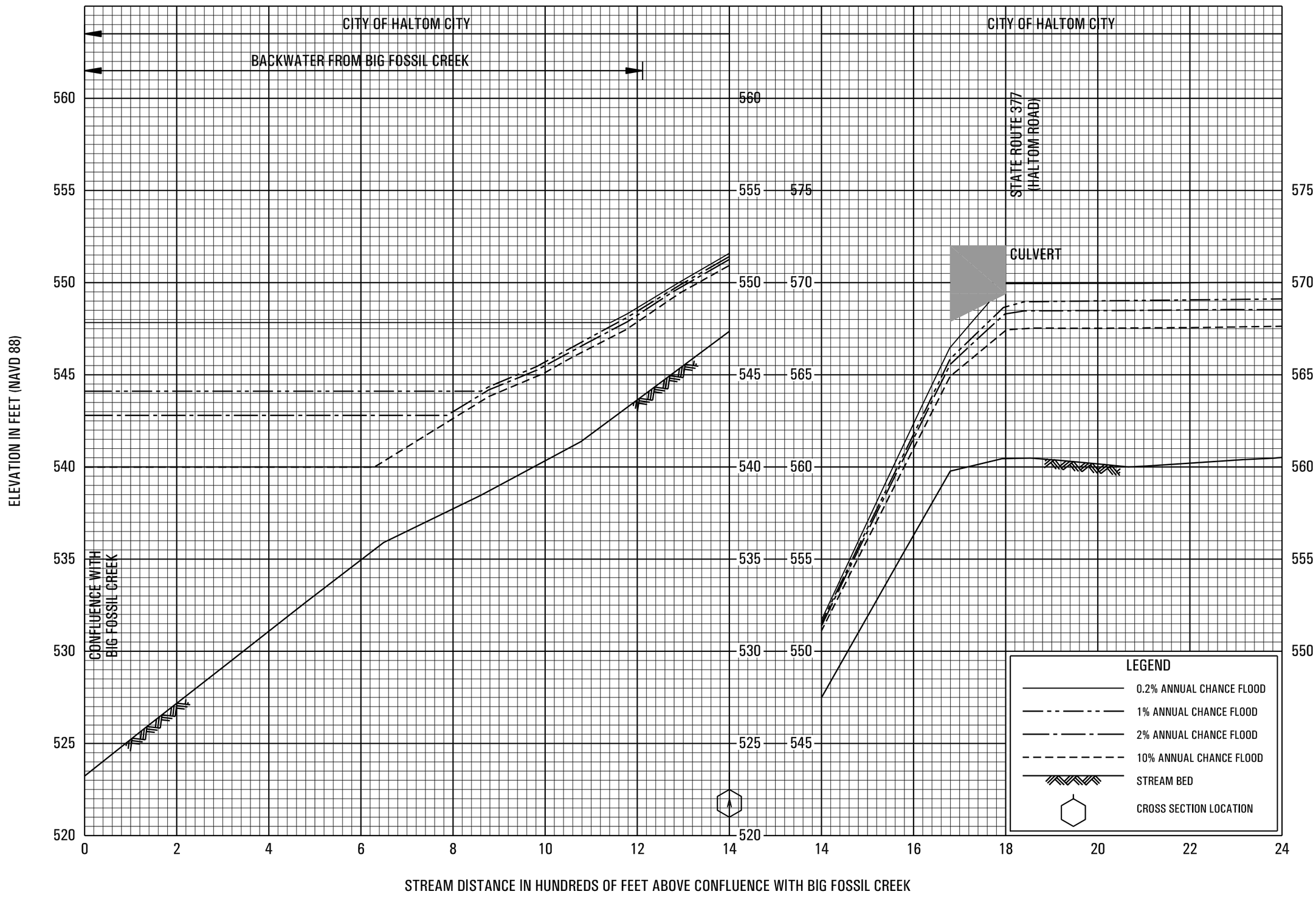
FLOOD PROFILES

UNNAMED TRIBUTARY 6 TO SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS



FLOOD PROFILES

TRIBUTARY B

FEDERAL EMERGENCY MANAGEMENT AGENCY

TARRANT COUNTY, TX

AND INCORPORATED AREAS