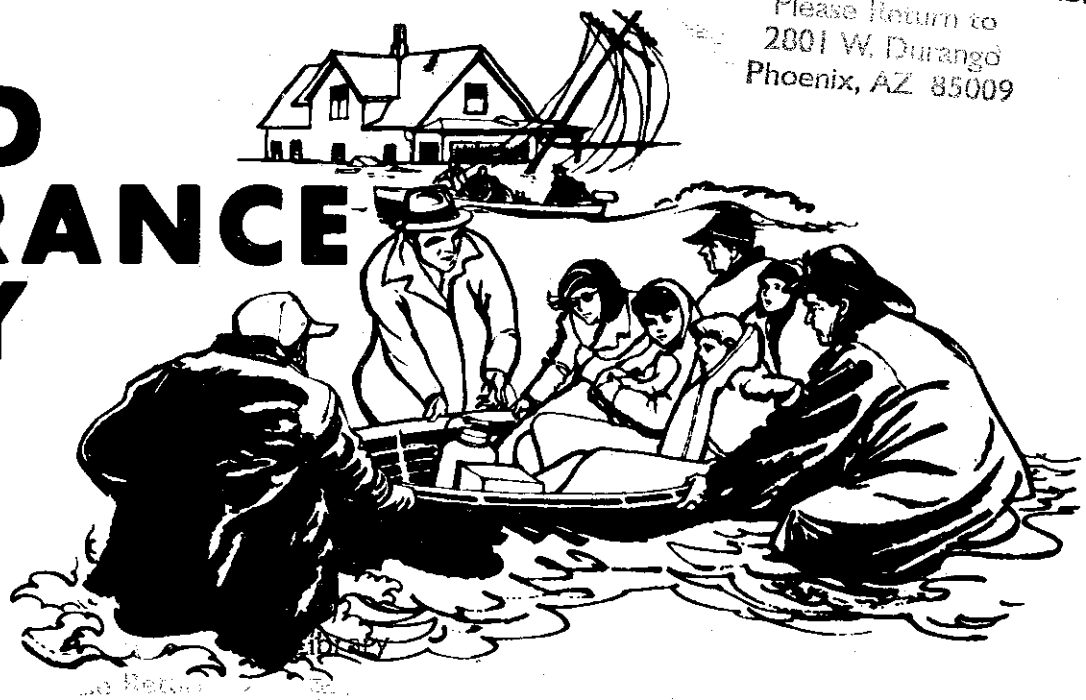
Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

FLOOD INSURANCE STUDY

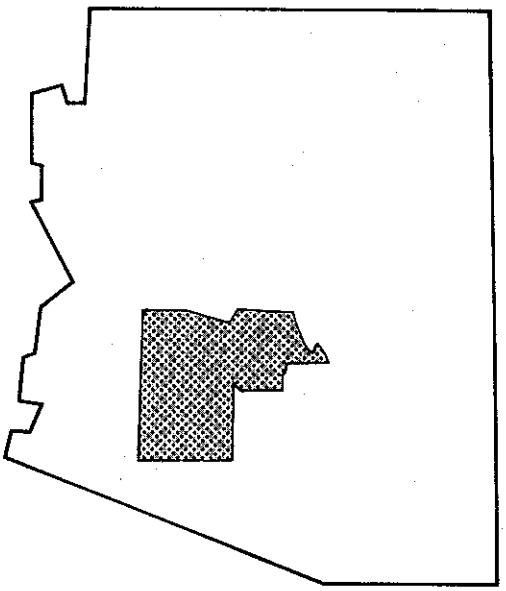


Fl library
Please Return
2801 W. Durango
Phoenix, AZ 85009

MARICOPA COUNTY, ARIZONA

AND INCORPORATED AREAS

VOLUME 9 OF 12



COMMUNITY NAME	COMMUNITY NUMBER
AVONDALE, CITY OF	040038
BUCKEYE, TOWN OF	040039
CAREFREE, TOWN OF	040126
CAVE CREEK, TOWN OF	040129
CHANDLER, CITY OF	040040
EL MIRAGE, TOWN OF	040041
GILA BEND, TOWN OF	040043
GILBERT, TOWN OF	040044
GLENDALE, CITY OF	040045
GOODYEAR, TOWN OF	040046
GUADALUPE, TOWN OF	040111
LITCHFIELD PARK, CITY OF	040128
MARICOPA COUNTY UNINCORPORATED AREAS	040037
MESA, CITY OF	040048
PARADISE VALLEY, TOWN OF	040049
PEORIA, CITY OF	040050
PHOENIX, CITY OF	040051
QUEEN CREEK, TOWN OF	040132
SCOTTSDALE, CITY OF	045012
SURPRISE, TOWN OF	045053
TEMPE, CITY OF	040054
TOLLESON, CITY OF	040055
WICKENBURG, TOWN OF	040056
YOUNGSTOWN, TOWN OF	040057

REVISED: SEPTEMBER 30, 1995

Federal Emergency Management Agency

1302.038

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. The Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

This publication incorporates revisions to the original Flood Insurance Study. These revisions are presented in Section 10.0.

TABLE OF CONTENTS

Volume 1

		Page
1.0	INTRODUCTION	1
1.1	Purpose of Study	1
1.2	Authority and Acknowledgments	1
1.3	Coordination	3
2.0	AREA STUDIED	3
2.1	Scope of Study	3
2.2	Community Description	22
2.3	Principal Flood Problems	25
2.4	Flood Protection Measures	27
3.0	ENGINEERING METHODS	33
3.1	Hydrologic Analyses	33
3.2	Hydraulic Analyses	35
4.0	FLOODPLAIN MANAGEMENT APPLICATIONS	78
4.1	Flood Boundaries	79
4.2	Floodways	79

FIGURES

Figure 1 - Vicinity Map	4
Figure 2 - Historic Flooding	28
Figure 3 - Historic Flooding	28
Figure 4 - Historic Flooding	29
Figure 5 - Historic Flooding	30
Figure 6 - Historic Flooding	31

TABLES

Table 1 - Detailed-Study Sources	5-19
Table 2 - Approximate-Study Streams	20-21
Table 3 - Summary of Discharges	36-68
Table 4 - Range of Hydraulic Roughness Coefficients (Manning's "n")	71-75

Volume 2

Table 5 - Floodway Data	157-350

TABLE OF CONTENTS (Cont'd)

Volume 3

		Page
5.0	INSURANCE APPLICATION	80
6.0	FLOOD INSURANCE RATE MAP	82
7.0	OTHER STUDIES	82
8.0	LOCATION OF DATA	83
9.0	BIBLIOGRAPHY AND REFERENCES	83
10.0	REVISION DESCRIPTIONS	100
10.1	First Revision	100
10.2	Second Revision	106
10.3	Third Revision	124
10.4	Fourth Revision	145

FIGURES

Figure 7 - Floodway Schematic 81

TABLES

Table 6 - Community Map History 84-87

EXHIBITS

Exhibit 1 - Flood Profiles

Andora Hills Wash	Panels 01P-05P
Agua Fria River	Panels 06P-32P
Panel Not Printed	Panel 33P
Atchison, Topeka and Santa Fe Railway Channel (At El Mirage)	Panel 34P
Buchanan Wash	Panels 35P-36P
Casandro Wash	Panels 37P-41P
Casandro Wash, South Branch	Panels 42P-43P

Volume 4

Cave Creek Wash	Panels 44P-72P
Cemetery Wash	Panels 73P-75P
Centennial Wash	Panels 76P-105P
Centennial Wash, Left Overbank	Panels 106P-113P
Circle City Area - Wash 1	Panels 114P-116P
Circle City Area - Wash 2	Panels 117P-118P
Circle City Area - Wash 2 Along Atchison, Topeka and Santa Fe Railway	Panel 119P

TABLE OF CONTENTS (Cont'd)

Volume 4 (Cont'd)

Circle City Area - Wash 3	Panels 120P-122P
Circle City Area - Wash 4	Panels 123P
Circle City Area - Wash 4 Along Atchison, Topeka and Santa Fe Railway	Panel 124P
Circle City Area - Wash 5	Panel 125P
Circle City Area - Wash 6	Panels 126P-127P
Circle City Area - Wash 7	Panels 128P-129P
Dreamy Draw Wash East	Panels 130P-131P
Panels Not Printed	Panels 132P-133P
Echo Canyon Wash	Panels 134P-137P
Flying "E" Wash	Panel 138P
Flynn Lane Wash	Panels 139P-141P

Volume 5

Galloway Wash	Panels 142P-146P
Galloway Wash, Lower Branch	Panels 147P-150P
Galloway Wash, Middle Branch	Panels 151P-156P
Gila River	Panels 157P-170P
Unnamed Tributary to Galloway Wash	Panels 171P-172P
Granite Reef Wash	Panels 173P-174P
Panel Not Printed	Panel 175P
Hassayampa River	Panels 176P-209P
Hospital Wash	Panel 210P
Indian Bend Wash	Panels 211P-219P
Indian Bend Wash - Low Flow Channel	Panels 220P-222P
Little San Domingo Wash	Panels 223P-224P
Panel Not Printed	Panel 225P
Martinez Wash	Panel 226P
McMicken Dam Outlet Wash	Panels 227P-230P
Mockingbird Wash	Panels 231P-232P
Moon Valley Wash	Panels 233P-234P
Myrtle Avenue Wash	Panels 235P-236P

Volume 6

New River	Panels 237P-260P
New River East Split	Panel 261P
New River Middle Split	Panel 262P
New River West Split	Panels 263P-264P
Ocotillo Wash	Panels 265P-268P
Powder House Wash	Panels 269P-271P
Rowe Wash	Panels 272P-275P
Salt River	Panels 276P-291P
Scatter Wash	Panels 292P-296P
Scatter Wash, North Branch	Panels 297P-300P
Scatter Wash, South Branch	Panels 301P-304P
Skunk Creek	Panels 305P-326P
Sols Wash	Panels 327P-333P
Sweat Canyon Wash	Panels 334P-335P

TABLE OF CONTENTS (Cont'd)

Volume 7

Tenth Street Wash	Panels 336P-337P
Trilby Wash	Panels 338P-344P
Panels Not Printed	Panels 345P-347P
Wash "B"	Panels 348P-349P
Waterman Wash	Panels 350P-361P
Weekes Wash	Panels 362P-363P
West Split Flow Through El Mirage	Panel 364P
Willow Springs Wash	Panels 365P-367P
Wittmann Wash, Along Atchison, Topeka and Santa Fe Railway	Panel 368P
Wittmann Wash, North Split	Panel 369P
Wittmann Wash, South Split	Panel 370P
Wittmann Wash, Upper Reach	Panel 371P
Wittmann Wash, West Split	Panel 372P-373P
Wittmann Wash, Grand Avenue to CAP 1 West Overchute	Panels 374P-377P
Aguila Farm Channel	Panels 378P-380P
North Branch Centennial Wash	Panels 381P-382P
Caterpillar Tank Wash	Panels 383P-386P
Cave Creek Wash	Panels 387P-389P
East Fork Cave Creek	Panels 390P-392P
Centennial Wash	Panels 393P-395P
Cline Creek	Panels 396P-400P
Tributary X5	Panels 401P-403P
Tributary C6	Panels 404P-406P
Tributary C8	Panels 407P-411P
Tributary X1	Panels 412P-413P
Tributary X2	Panels 414P-415P
Tributary X3	Panels 416P-417P
Tributary X4A	Panels 418P-419P
Tributary X4B	Panel 420P
Cottonwood Creek	Panels 421P-428P
Cottonwood Creek - Tributary 1	Panels 429P-430P
Cottonwood Creek - Tributary 2	Panels 431P-432P
East Garambullo Wash	Panels 433P-434P

Volume 8

Flemming Springs Wash	Panels 435P-437P
Grapevine Wash	Panels 438P-440P
Galloway Wash - North Tributary	Panels 441P-446P
Gila River	Panels 447P-459P
Gila Bend Canal	Panel 460P
Grass Wash	Panels 461P-463P
Jackrabbit Wash	Panels 464P-479P
Unnamed Tributary of Jackrabbit Wash	Panels 480P-490P
Morgan City Wash	Panels 491P-500P
Ocotillo Wash - Tributary 1	Panels 501P-502P
Ocotillo Wash - Tributary 1A	Panels 503P-504P
Ocotillo Wash - Tributary 2	Panels 505P-506P
Ocotillo Wash - Tributary 3	Panels 507P-509P
Ocotillo Wash - Tributary 4	Panels 510P-512P
Rodger Creek	Panels 513P-518P

TABLE OF CONTENTS (Cont'd)

Volume 8 (Cont'd)

Rowe Wash	Panels 519P-523P
Star Wash	Panels 524P-526P
Panel Not Printed	Panel 527P

Volume 9

Trilby Wash	Panels 528P-535P
Trilby Wash - Middle Channel	Panel 536P
Trilby Wash - West Channel	Panel 537P
Twin Buttes Wash	Panels 538P-542P
Wagner Wash	Panels 543P-548P
West Garambullo Wash	Panels 549P-550P
White Peak Wash	Panels 551P-553P
West Fork White Peak Wash	Panel 554P
Willow Springs Wash	Panels 555P-559P
Willow Springs Wash - Tributary 1	Panels 560P-565P
Willow Springs Wash - Tributary 1A	Panels 566P-567P
Willow Springs Wash - Tributary 2	Panels 568P-570P
Willow Springs Wash - Tributary 2A	Panels 571P-572P
Willow Springs Wash - Tributary 4	Panels 573P-574P
Willow Springs Wash - Tributary 5	Panels 575P-578P
Willow Springs Wash - Tributary 5A	Panel 579P
Southern Pacific Railroad	Panels 580P-582P

Volume 10

191st Avenue Wash	Panels 583P-586P
Apache Wash	Panels 587P-603P
Apache Wash - Split Flow Area	Panels 604P-605P
Apache Wash - West Fork	Panels 606P-607P
Atchison, Topeka & Santa Fe Railroad Channel	Panels 608P-609P
Beardsley Canal Wash	Panels 610P-612P
Bedrock Wash	Panels 613P-617P
Bedrock Wash - North Fork	Panels 618P-621P
Bender Wash	Panels 622P-625P
Bullard Wash	Panels 626P-631P
Bulldozer Wash	Panels 632P-642P
Osborn Road Wash	Panels 643P-647P
Diversion Dike Wash	Panels 648P-649P
Cholla Wash	Panels 650P-667P
Cholla Wash - North Fork	Panels 668P-672P
Daggs Wash	Panels 673P-683P
Daggs Wash - West Breakout	Panels 684P-685P
Daggs Wash - East Split Flow	Panel 686P

Volume 11

Desert Hills Wash	Panels 687P-691P
Desert Hills Wash Tributary	Panel 692P
Desert Lake Wash	Panel 693P

TABLE OF CONTENTS (Cont'd)

Volume 11 (Cont'd)

Desert Lake Wash - East Fork	Panels 694P-695P
Interstate 10 Wash	Panel 696P
Jackrabbit Trail Wash	Panels 697P-700P
Dale Creek Wash	Panel 701P
Lower El Mirage Wash	Panels 702P-704P
Lower El Mirage Wash Tributary	Panels 705P-707P
Luke Wash	Panels 708P-712P
Luke Wash - East Main Tributary	Panels 713P-715P
Luke Wash - East Sub Tributary	Panels 716P-717P
Luke Wash - Minor Tributary	Panels 718P-719P
Mesquite Tank Wash	Panels 720P-723P
Paradise Wash	Panels 724P-733P
Paradise Wash - West Fork	Panel 734P
Perryville Road Wash	Panels 735P-738P
Powerline Wash	Panels 739P-746P
Rainbow Wash	Panels 747P-754P
Rainbow Wash Tributary	Panels 755P-756P
Ranieri Tank Wash	Panel 757P
Sand Tank Wash	Panels 758P-764P
Scott Avenue Wash	Panels 765P-769P

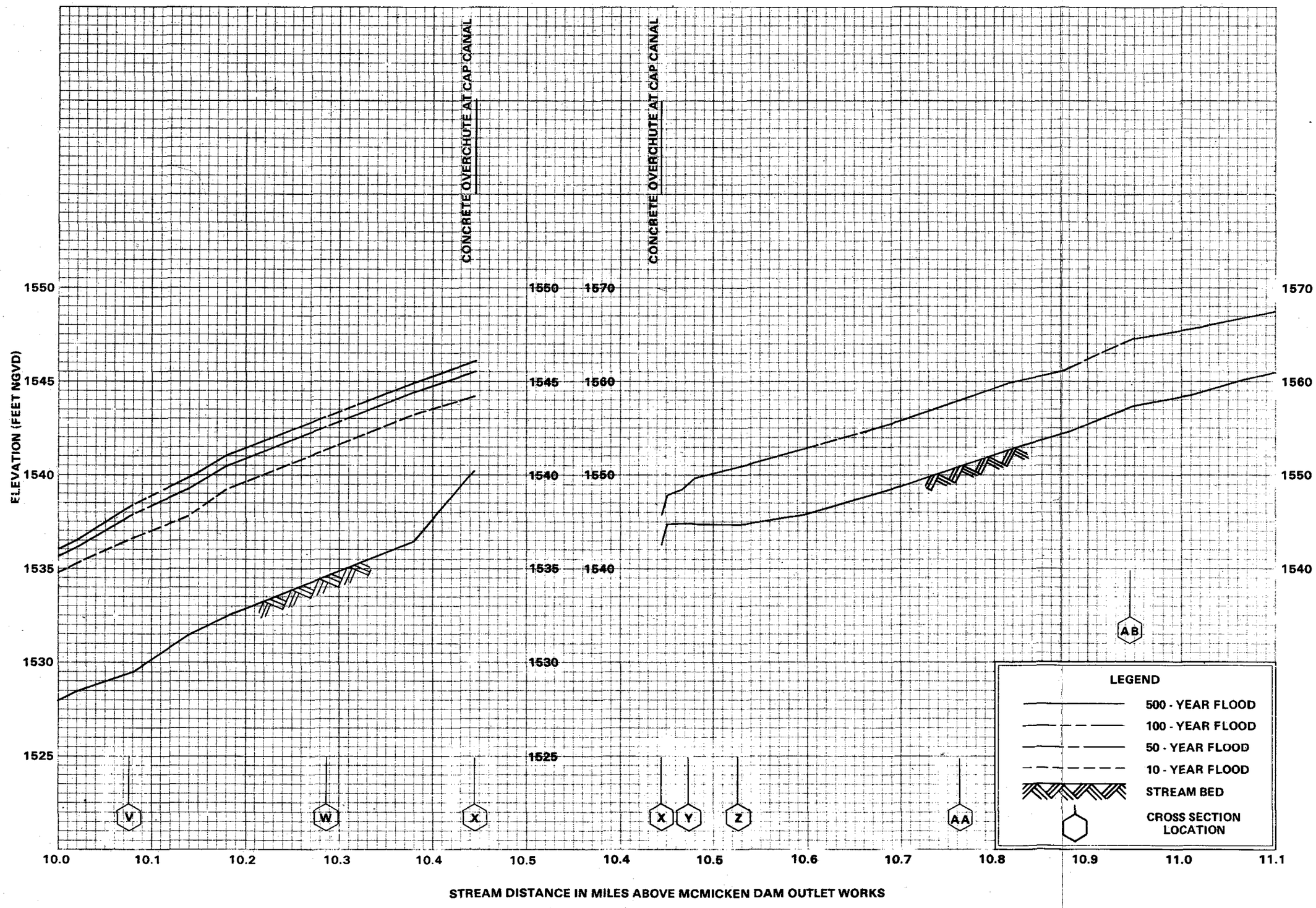
Volume 12

Star Wash	Panels 770P-780P
Star Wash - Tributary A	Panel 781P
Star Wash - Tributary B	Panels 782P-784P
Star Wash - Tributary C	Panels 785P-786P
Star Wash - Tributary D	Panels 787P-789P
Tank Wash	Panels 790P-794P
Tank Wash - South Branch	Panel 795P
Tractor Wash	Panels 796P-801P
Tuthill Dike Wash	Panels 802P-811P
Unnamed Wash No. 1	Panels 812P-817P
Unnamed Wash No. 2	Panels 818P-822P
Waterfall Wash	Panels 823P-830P
White Granite Wash	Panels 831P-834P
White Granite Wash - North Fork	Panels 835P-836P
White Tanks #3 Wash	Panels 837P-843P
Moon Valley Wash - North Branch	Panels 844P-852P
Moon Valley Wash - North Split	Panels 853P-855P
Moon Valley Wash - South Branch	Panels 856P-861P
Moon Valley Wash - Diversion Channel	Panels 862P-864P
Cave Creek Wash Overflow Channel	Panels 865P-866P

PUBLISHED SEPARATELY:

Flood Insurance Rate Map Index
Flood Insurance Rate Map

Flood Boundary and Floodway Map Index
Flood Boundary and Floodway Map

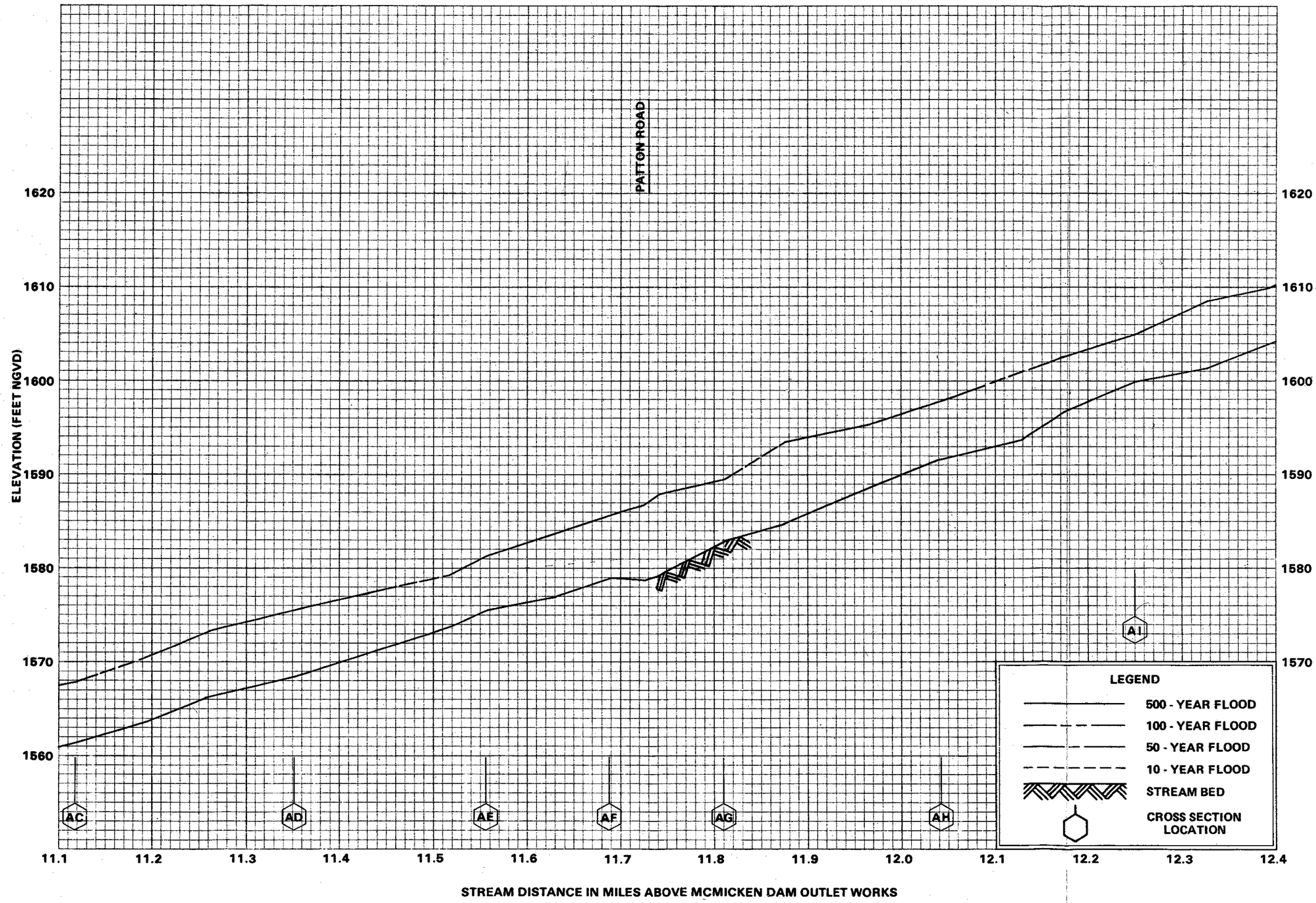


FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

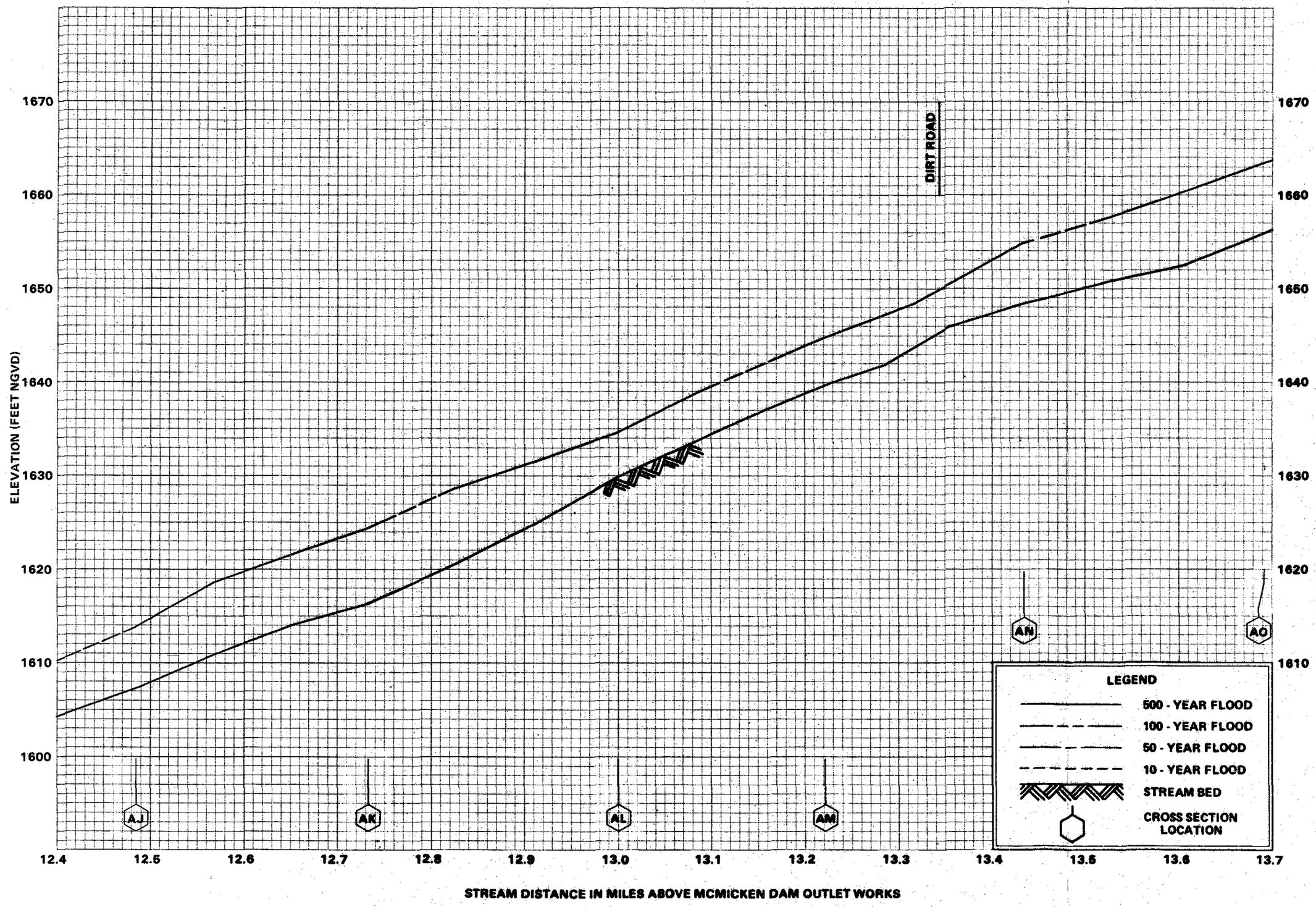


FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



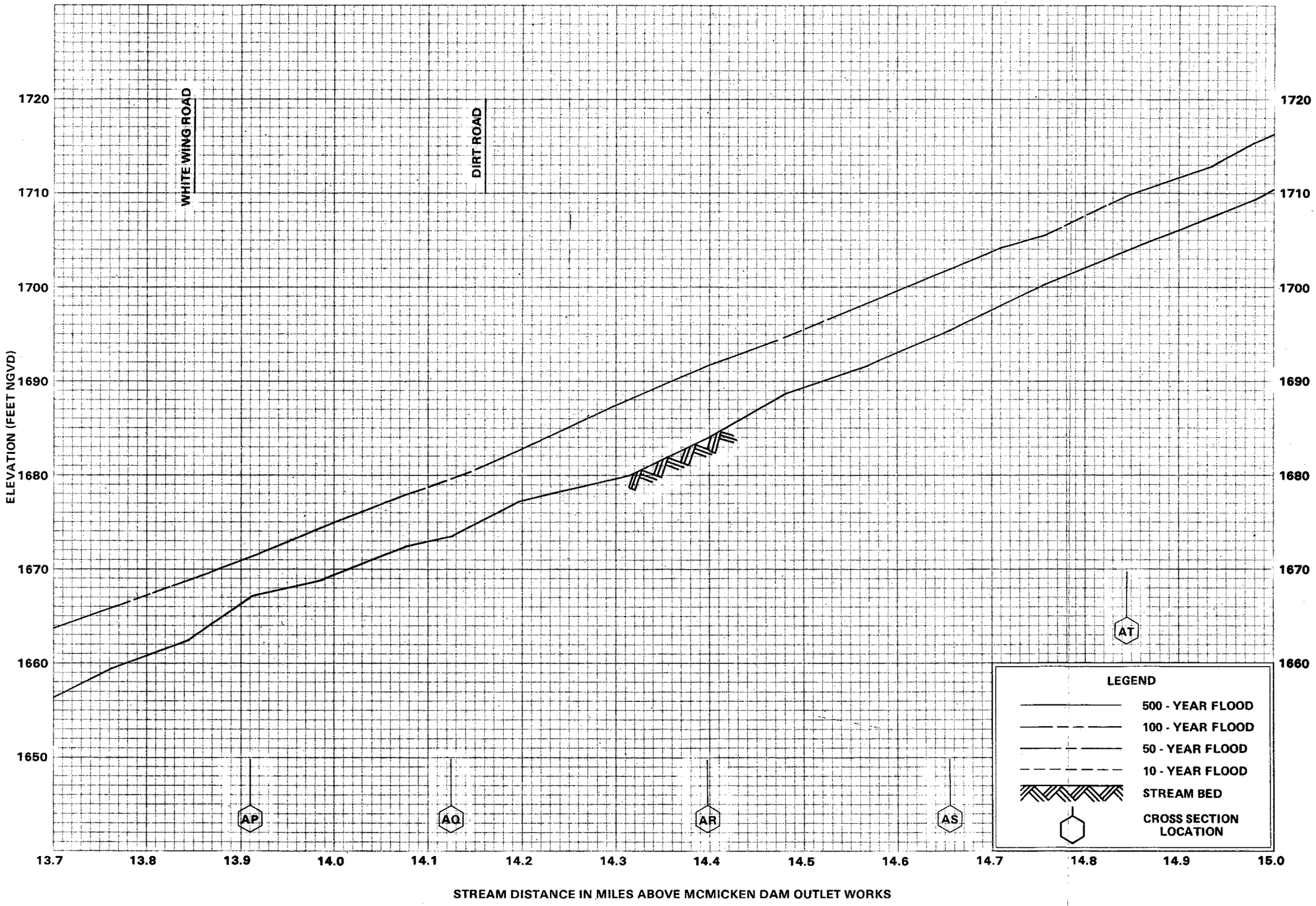
FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

530P

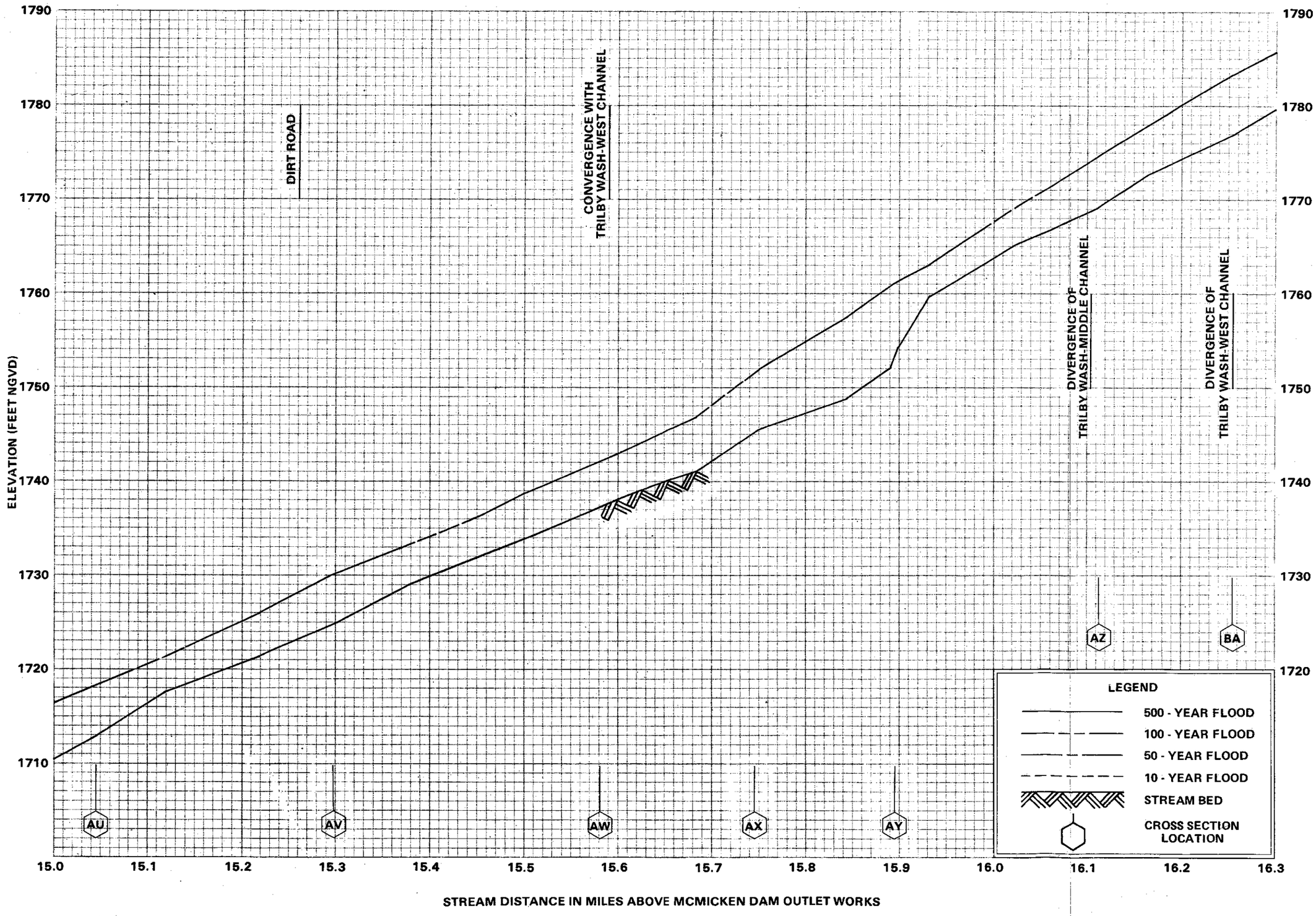


FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



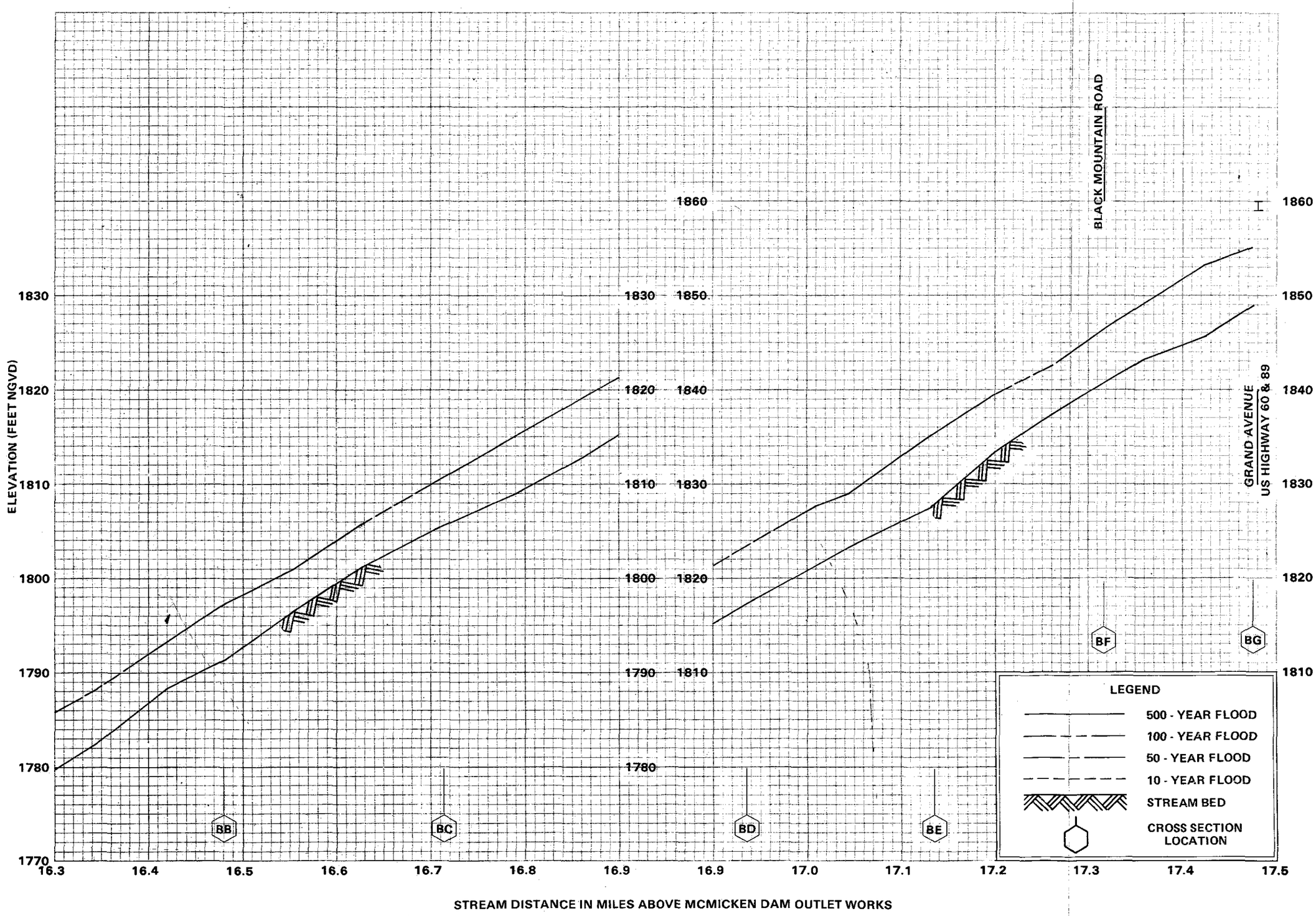
FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

532P



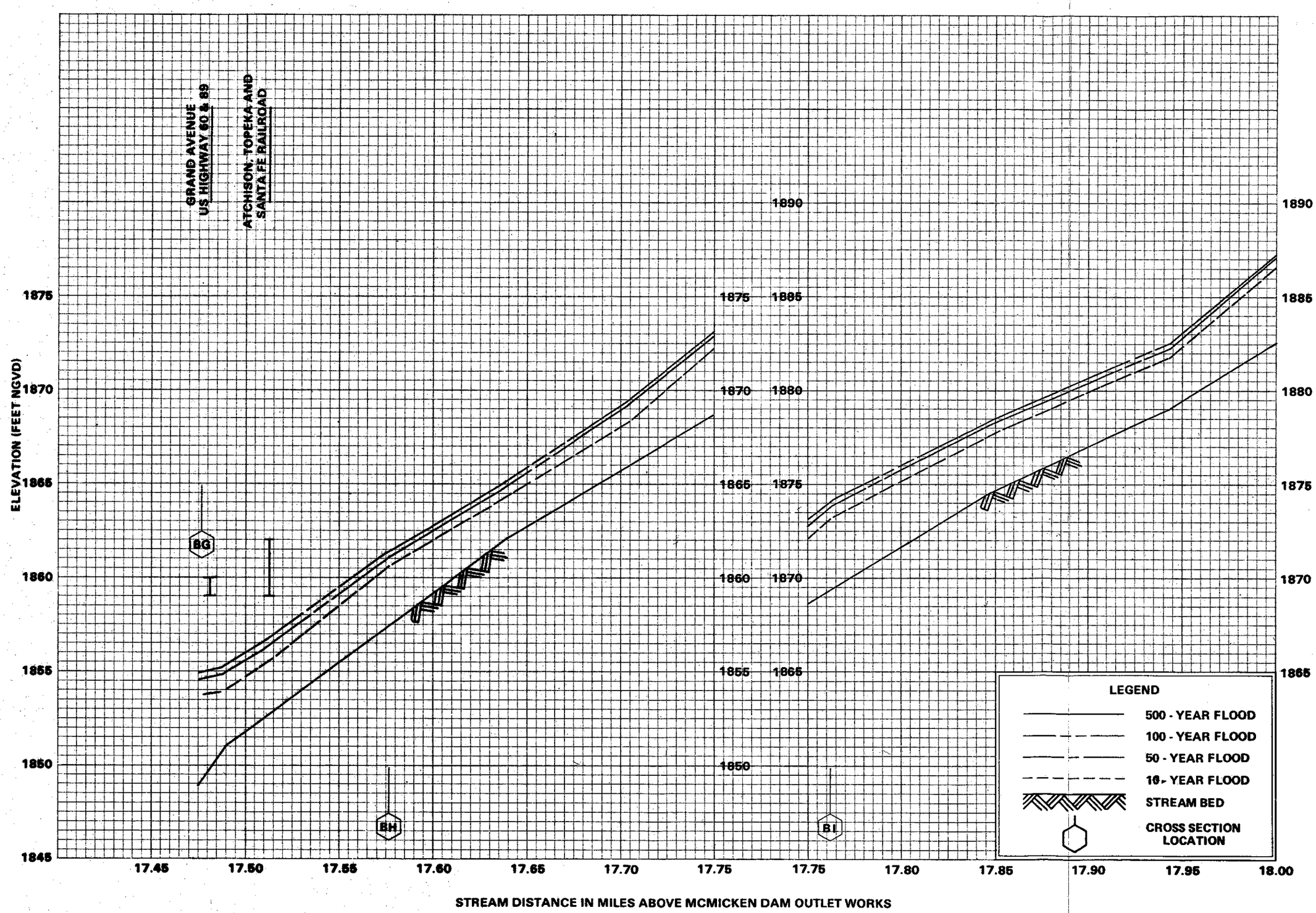
FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

533P



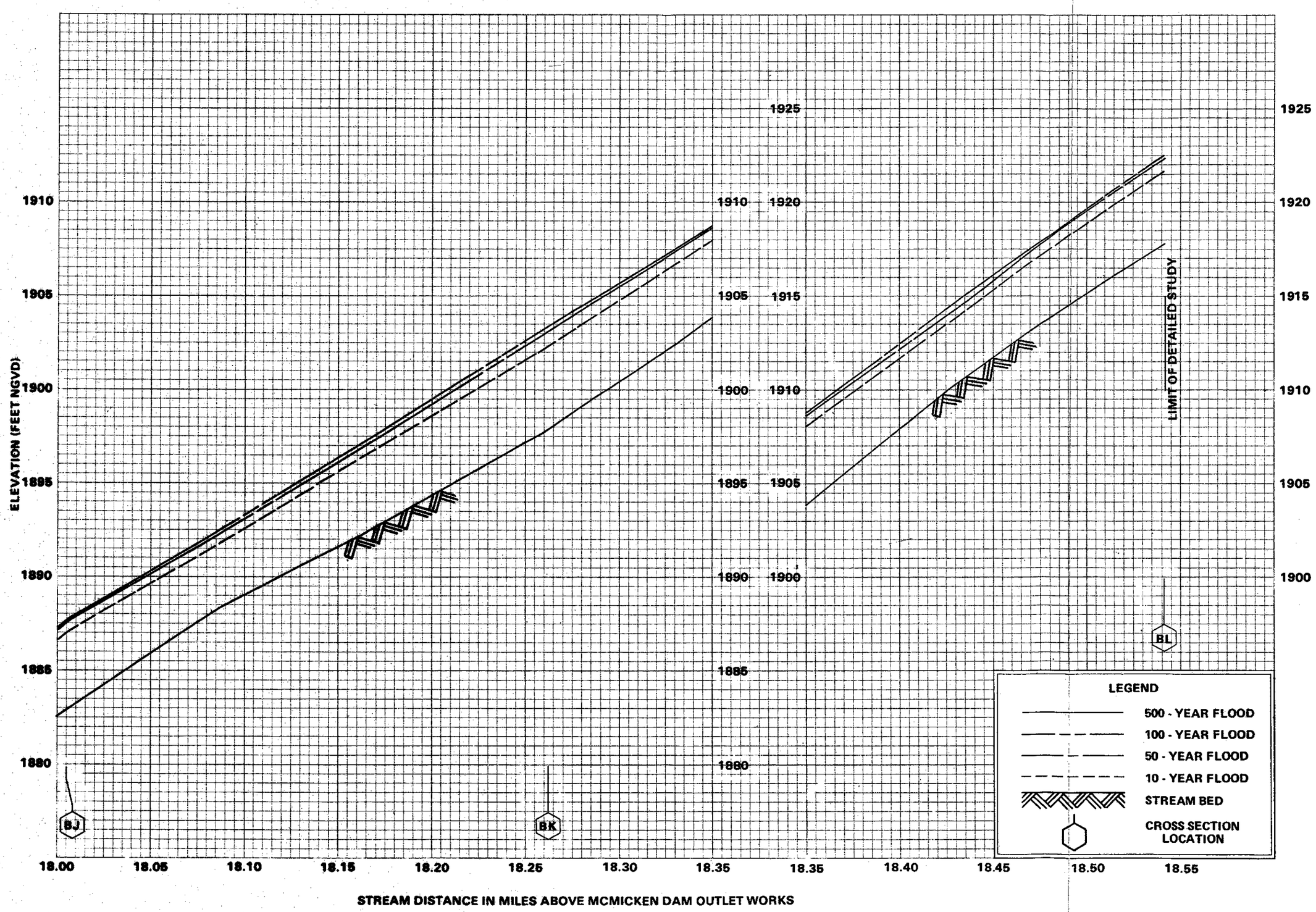
FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

534P



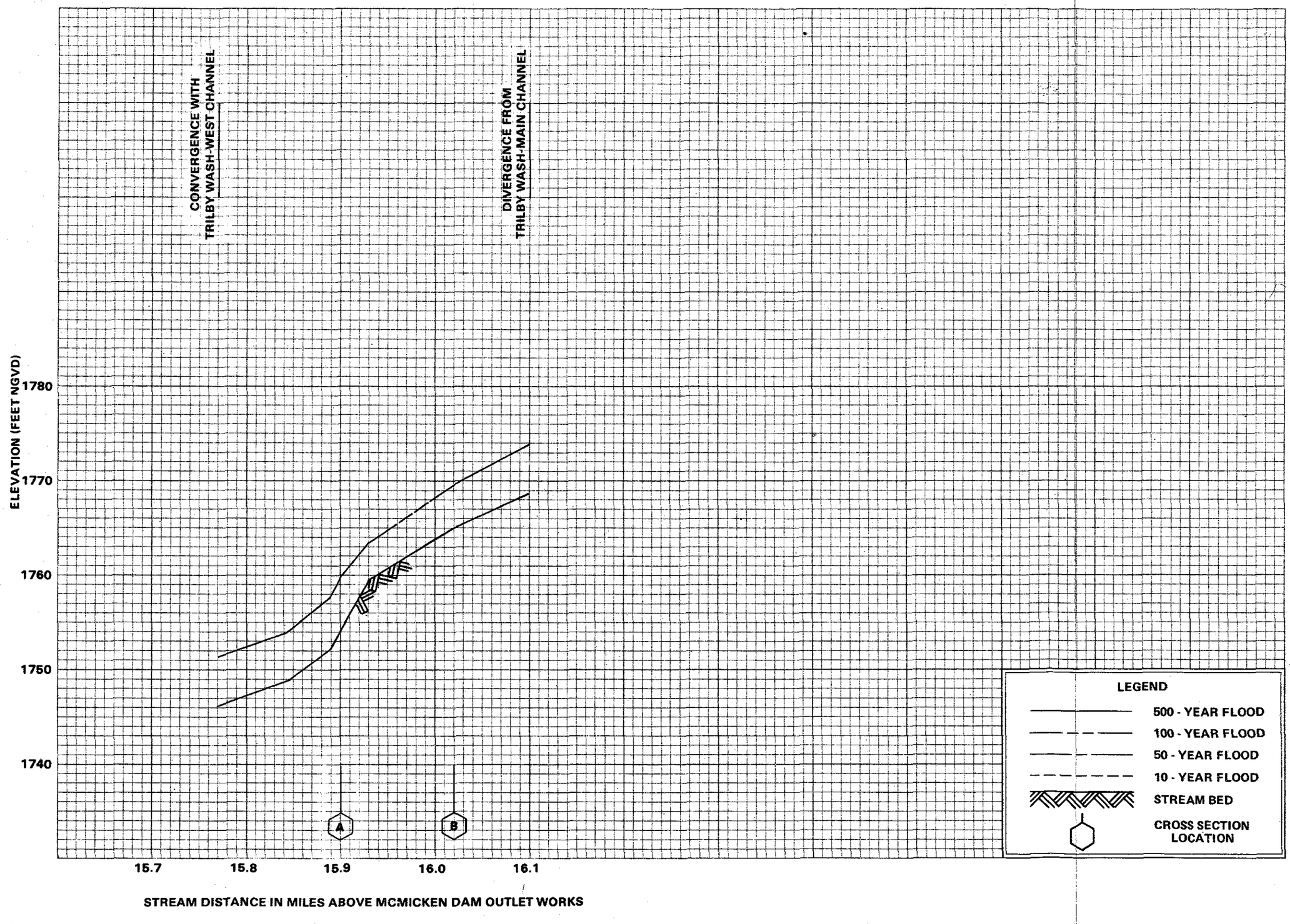
FLOOD PROFILES

TRILBY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

535P



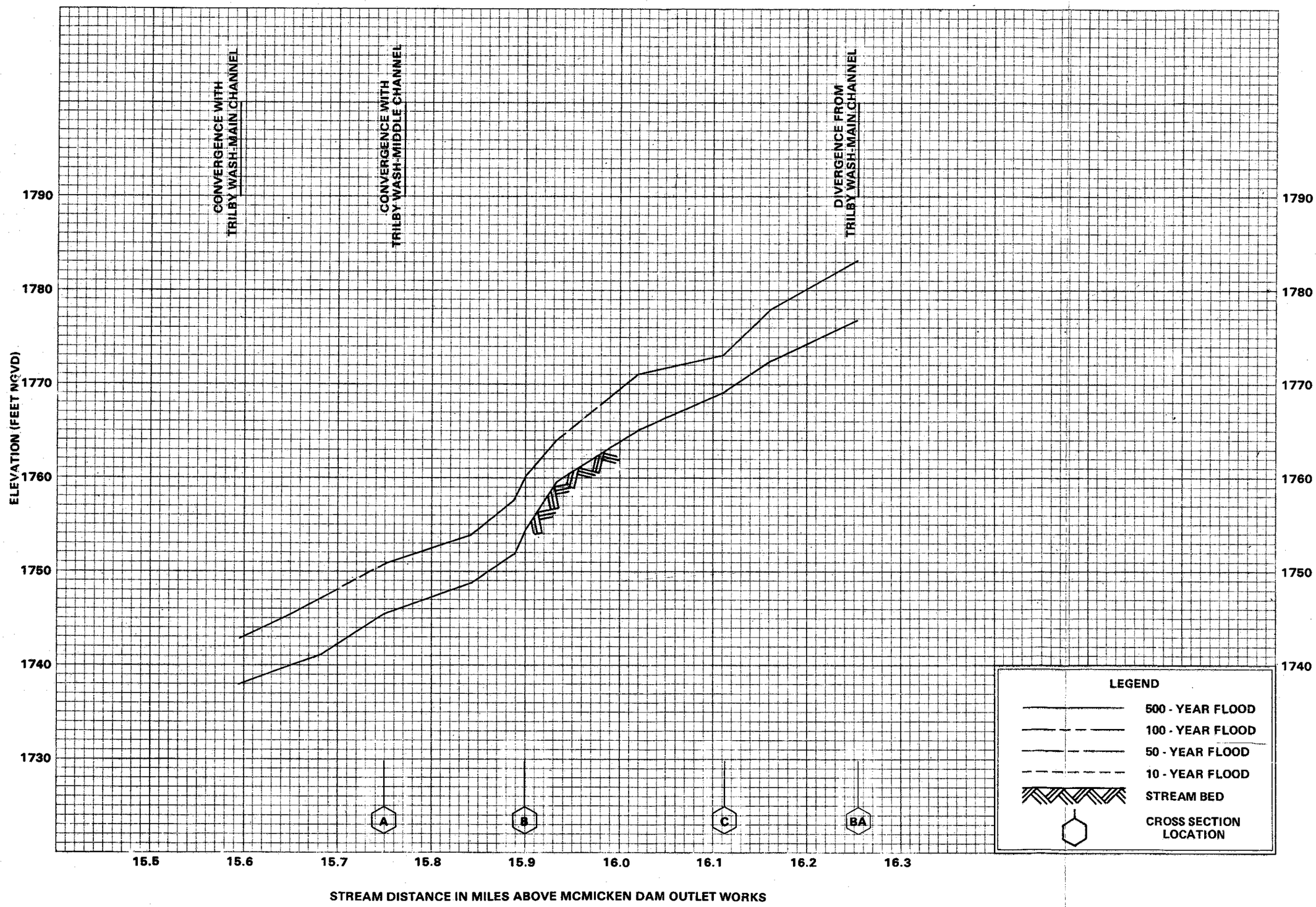
FLOOD PROFILES

TRILBY WASH-MIDDLE CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

536P



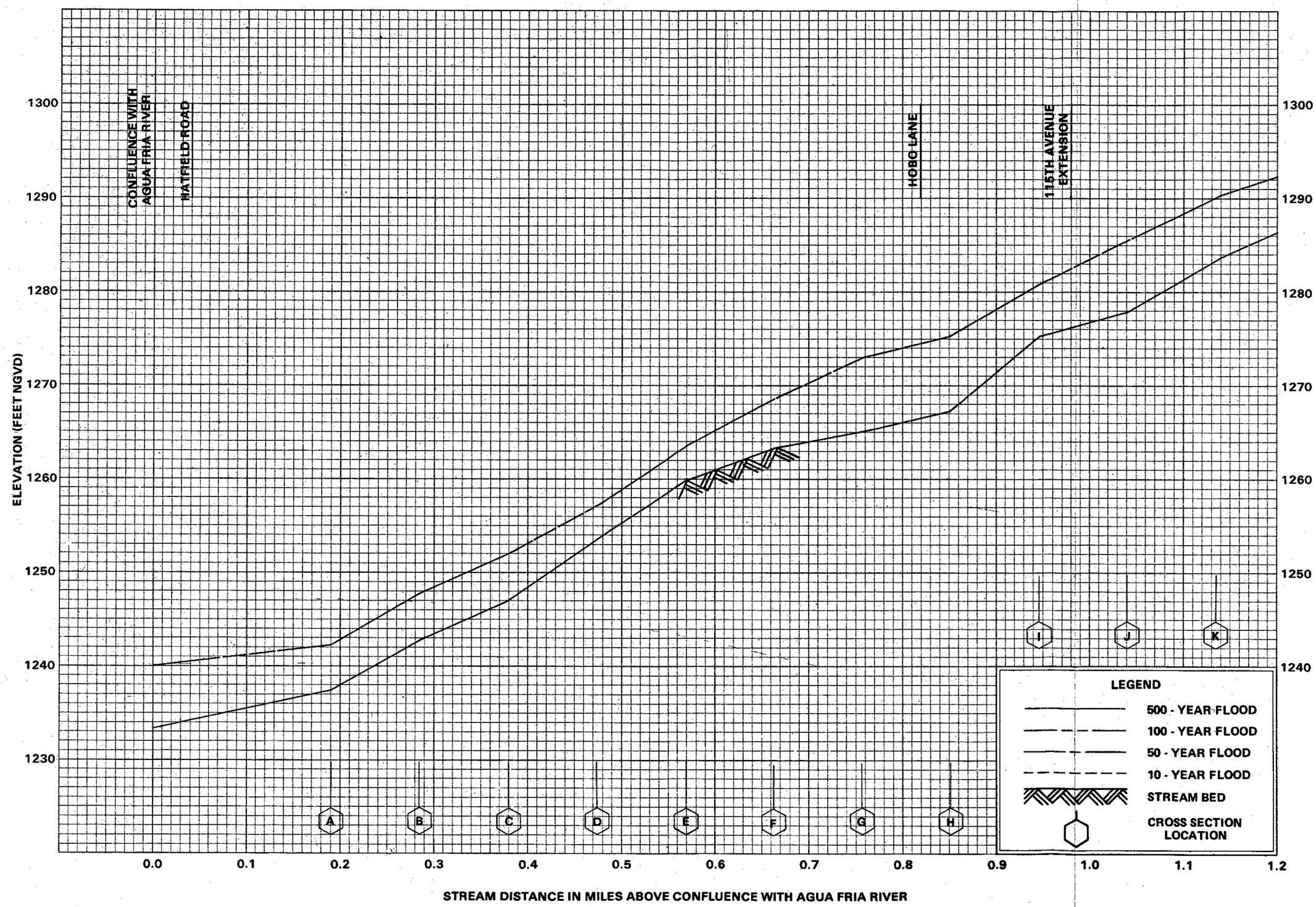
FLOOD PROFILES

TRILBY WASH-WEST CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

537P

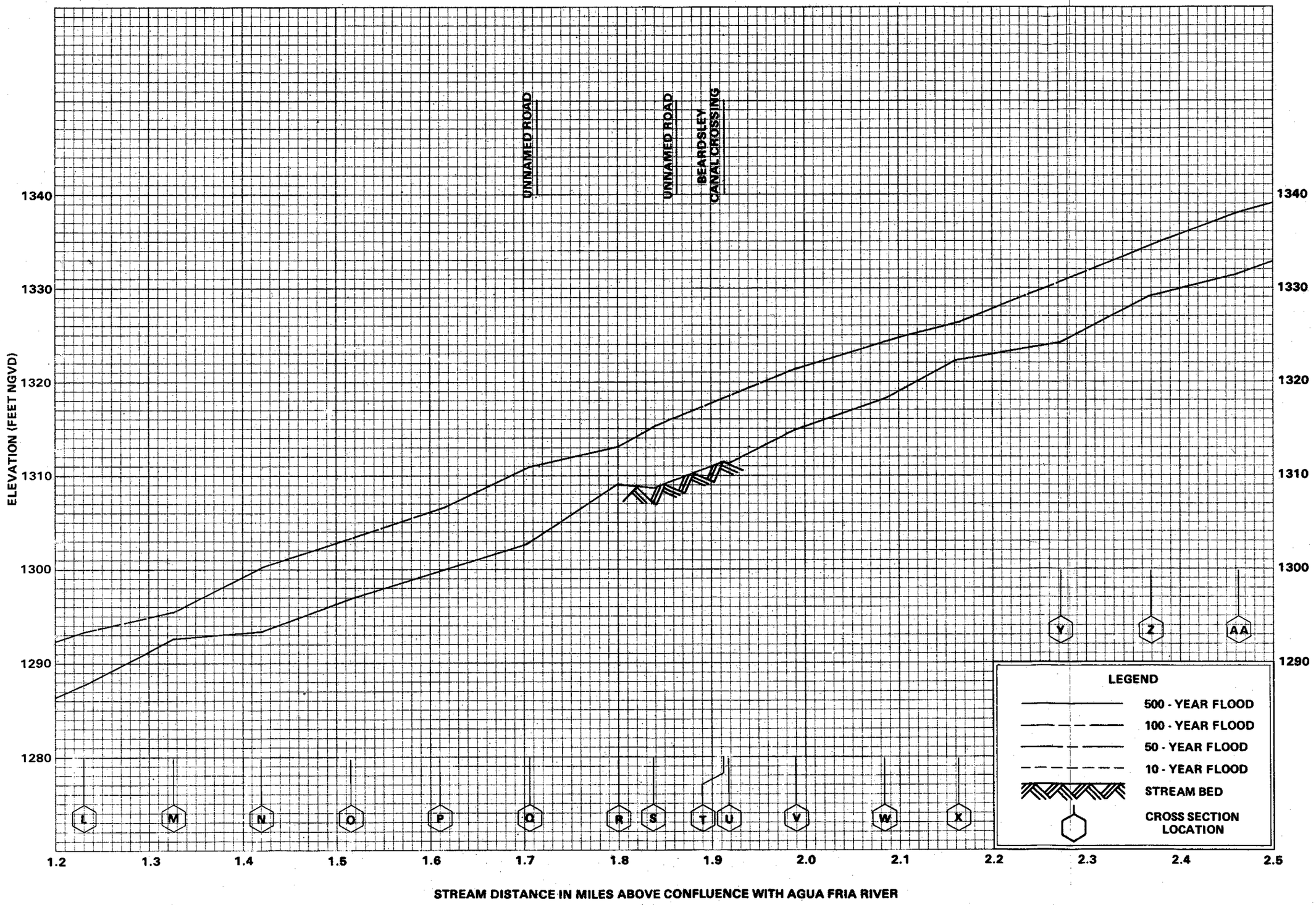


FLOOD PROFILES

TWIN BUTTES WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

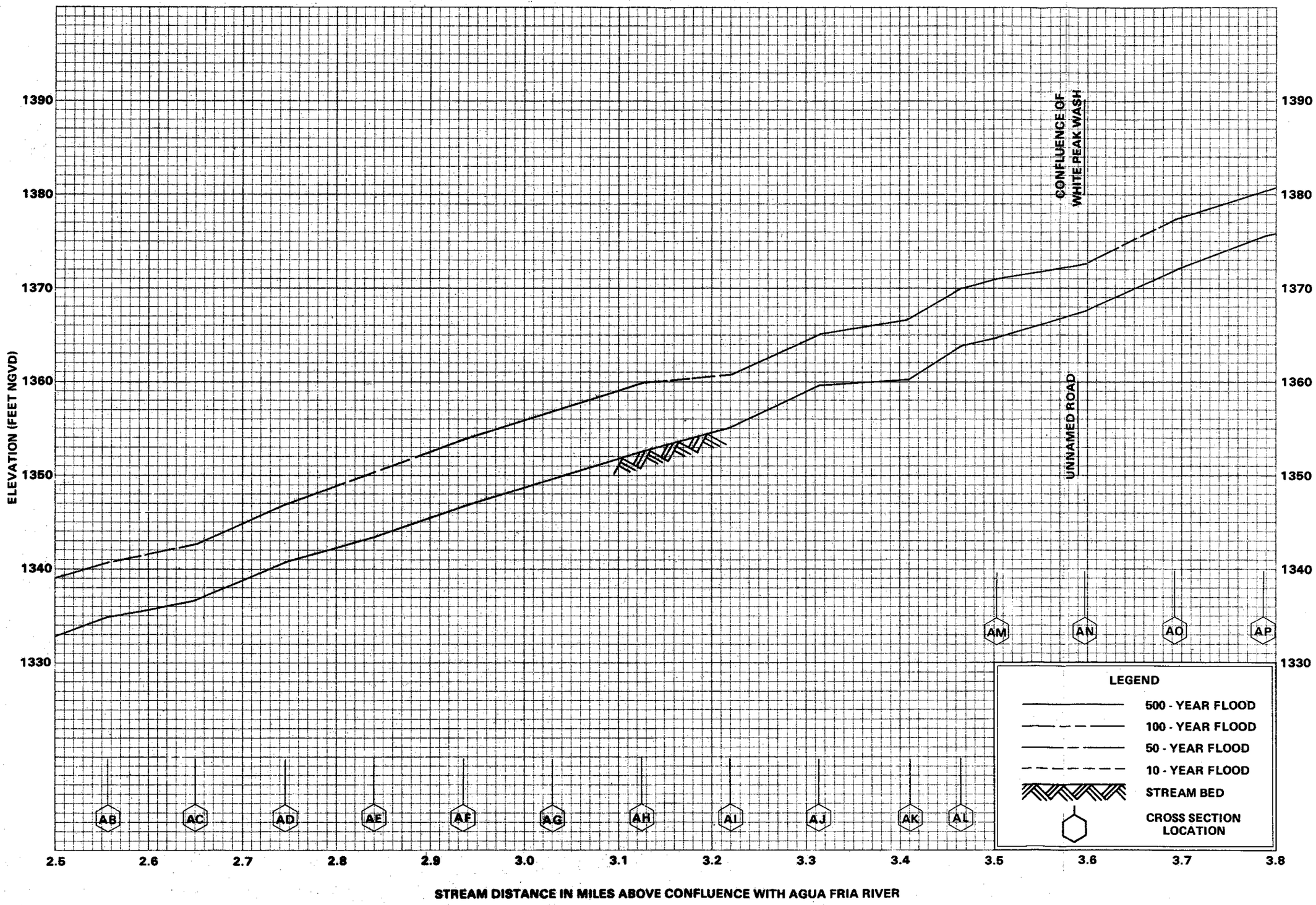


FLOOD PROFILES

TWIN BUTTES WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

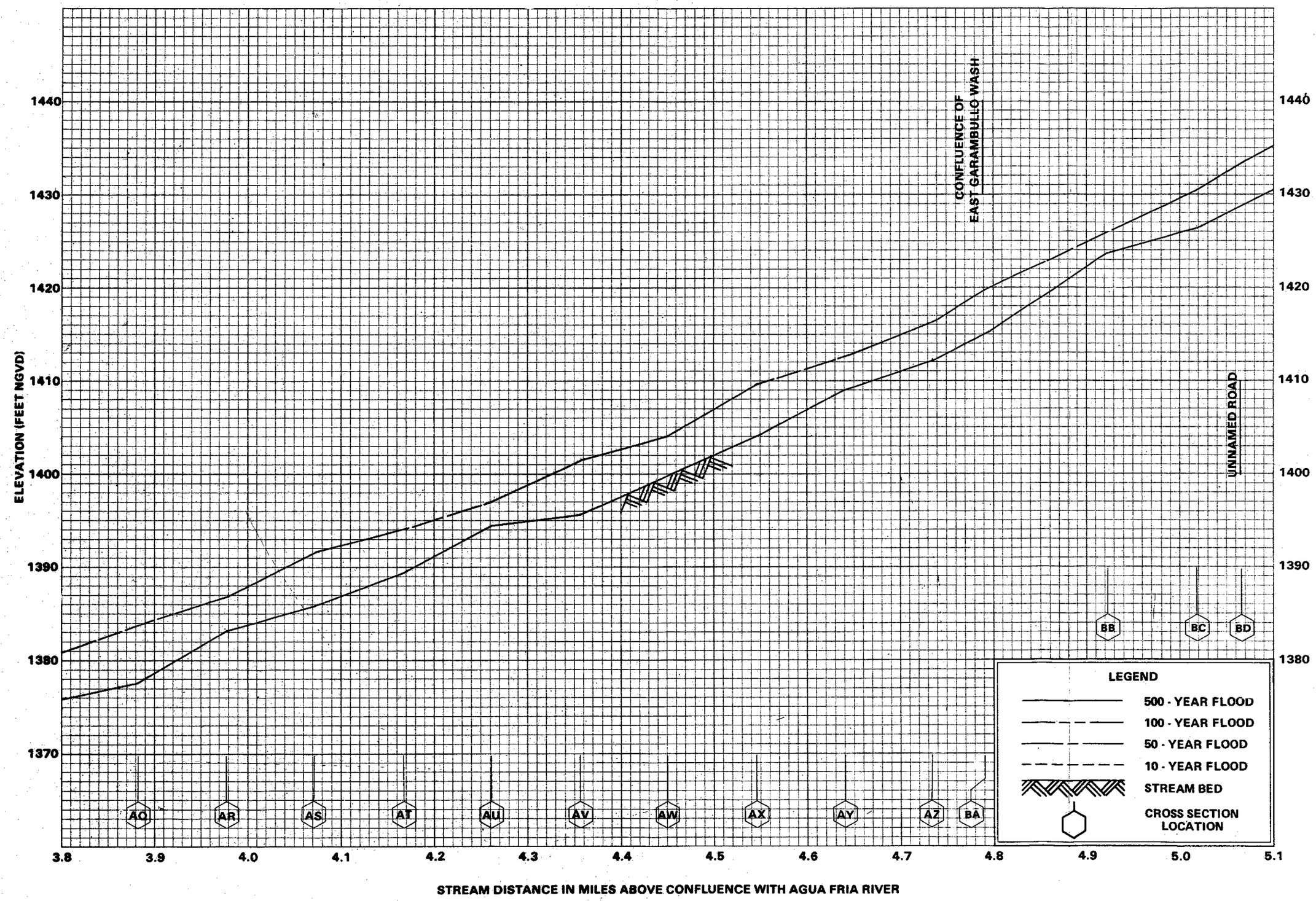


FLOOD PROFILES

TWIN BUTTES WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

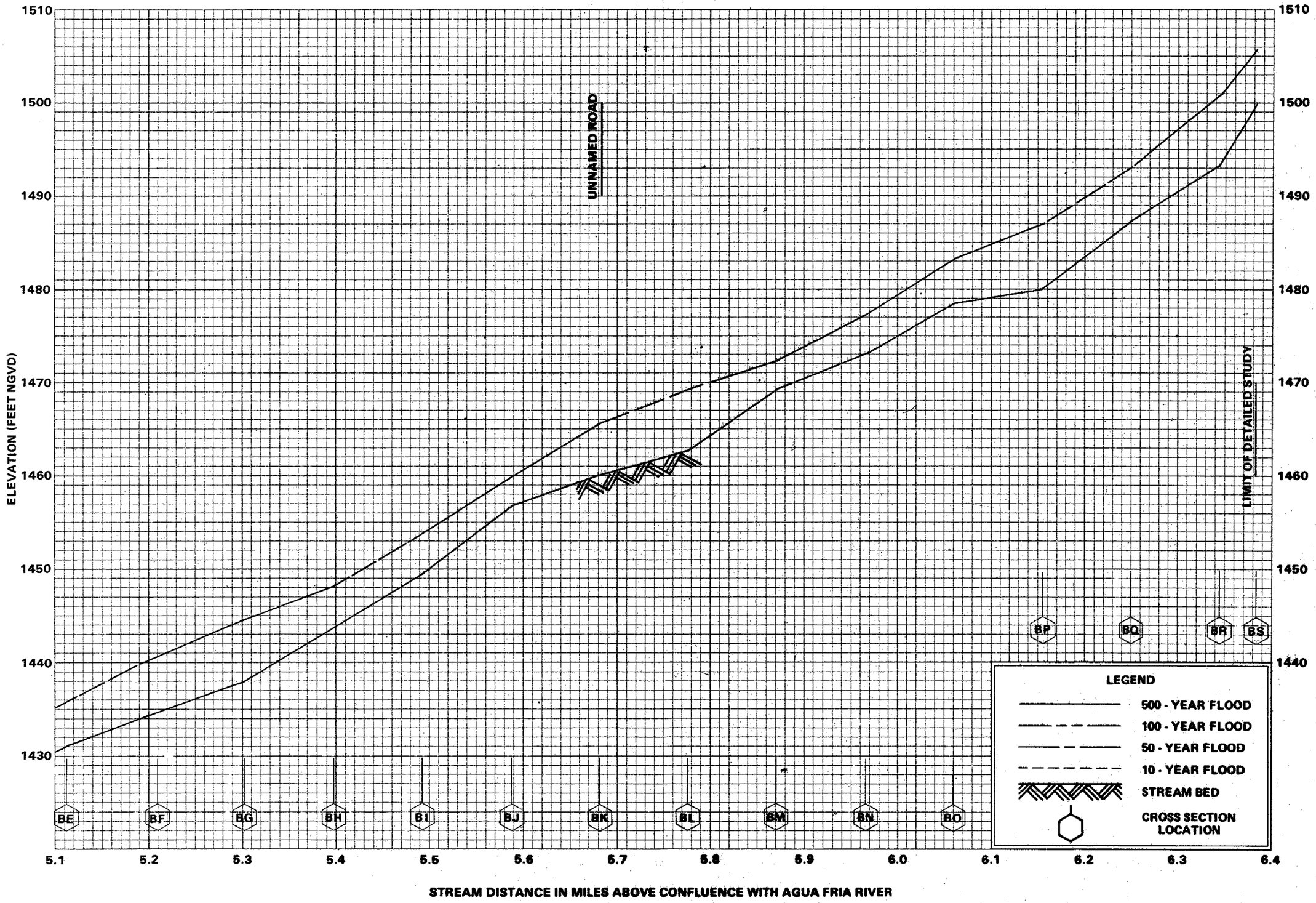


FLOOD PROFILES

TWIN BUTTES WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

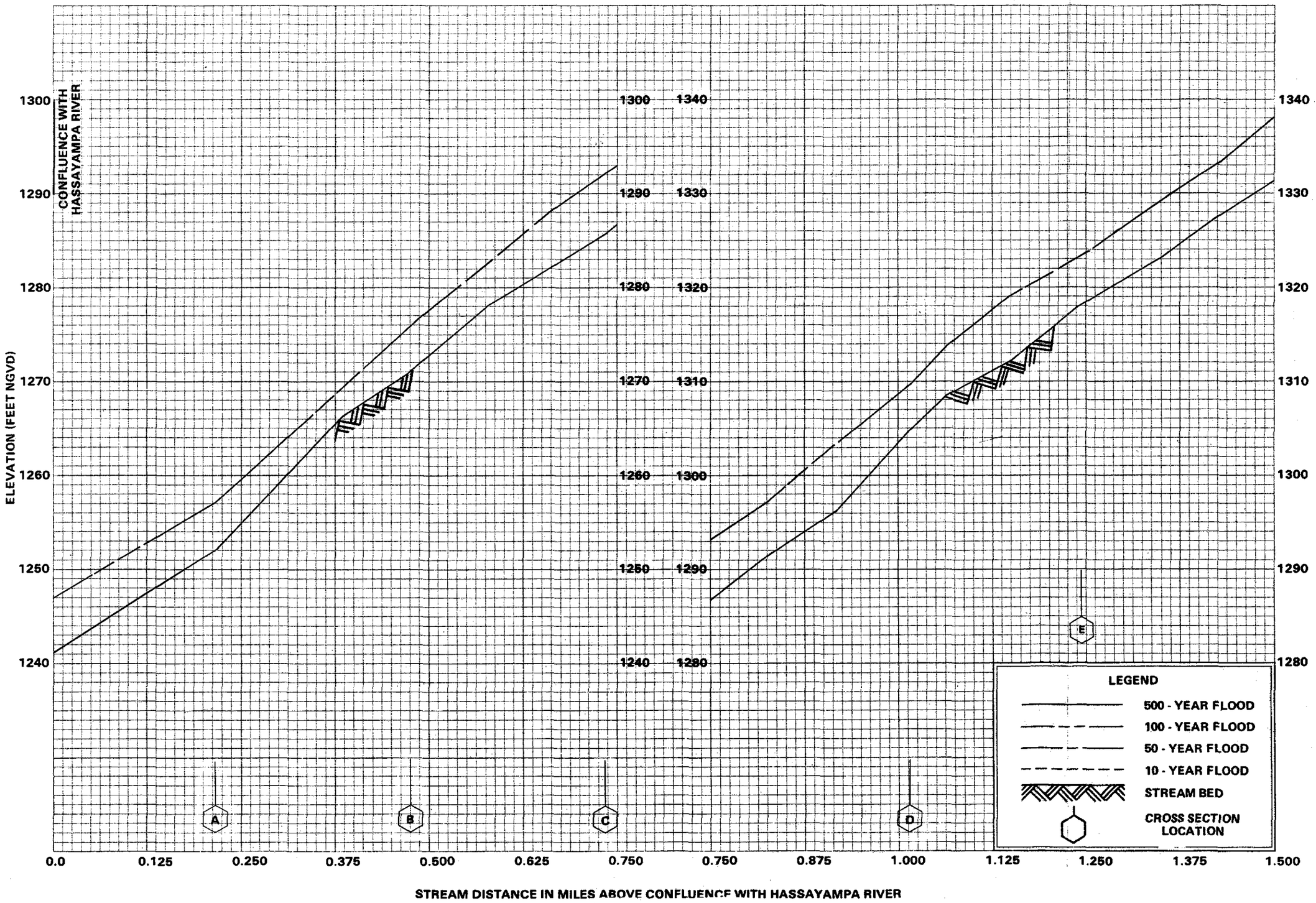


FLOOD PROFILES

TWIN BUTTES WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



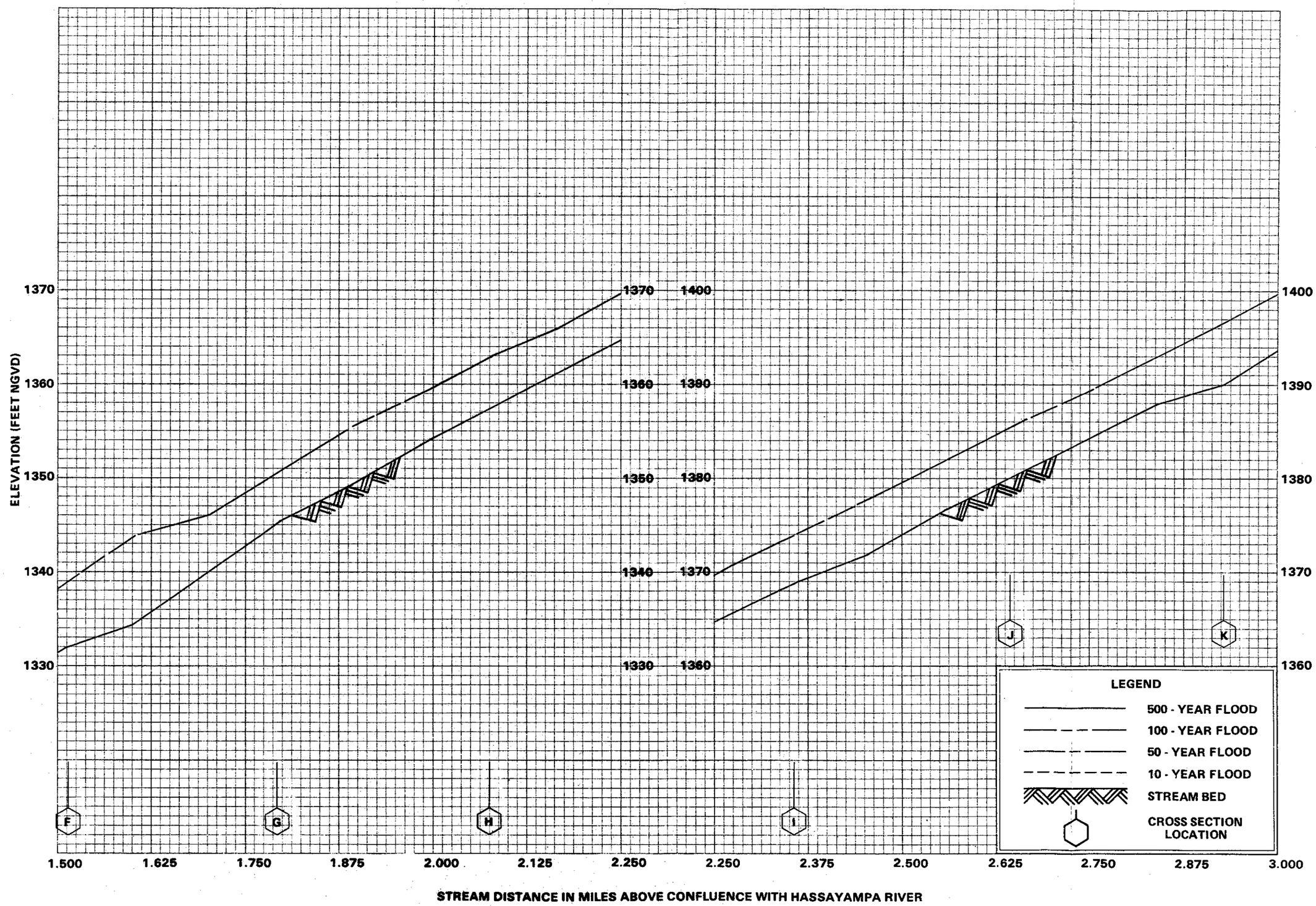
FLOOD PROFILES

WAGNER WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

543P

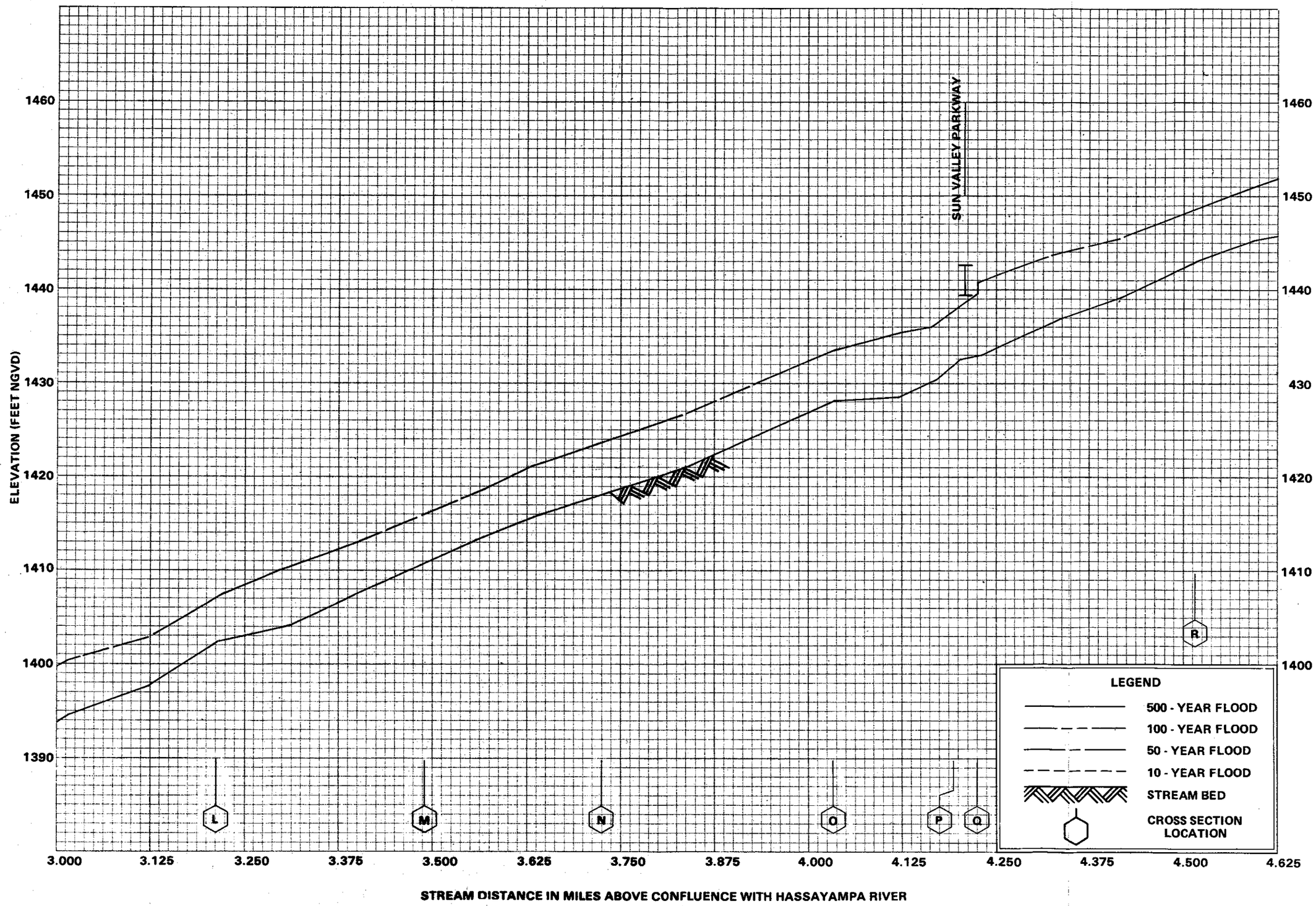


FLOOD PROFILES

WAGNER WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

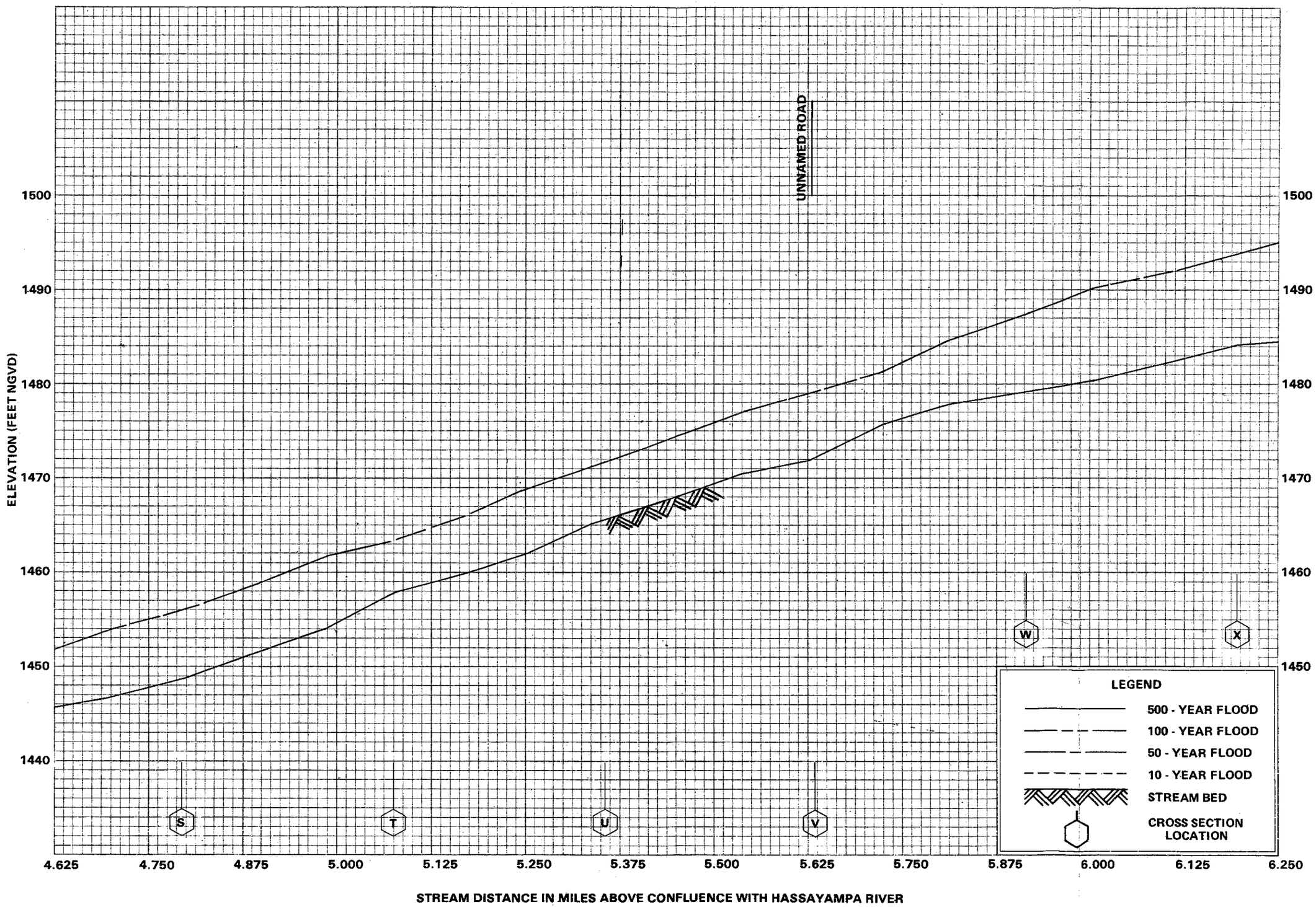


FLOOD PROFILES

WAGNER WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

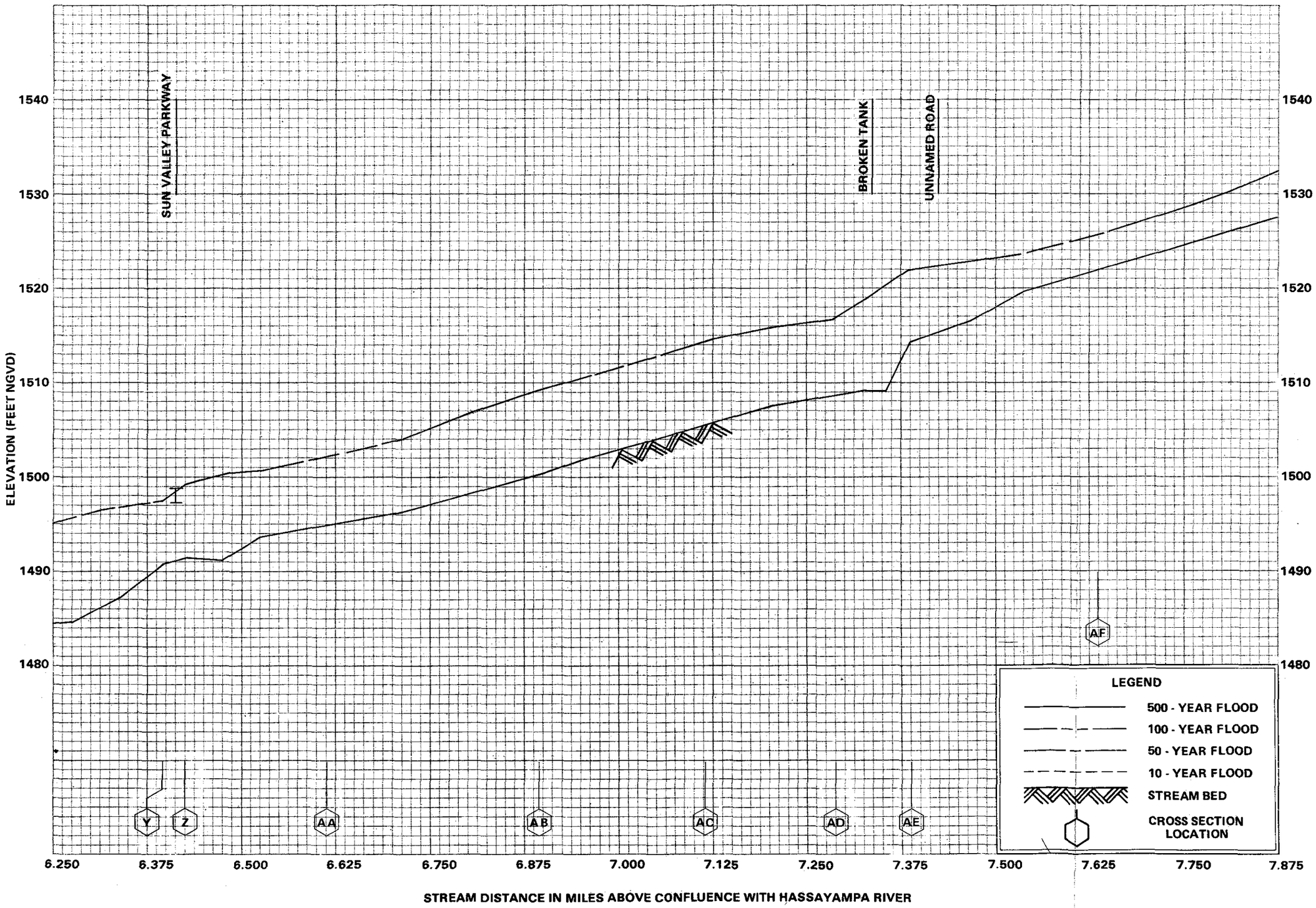


FLOOD PROFILES

WAGNER WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



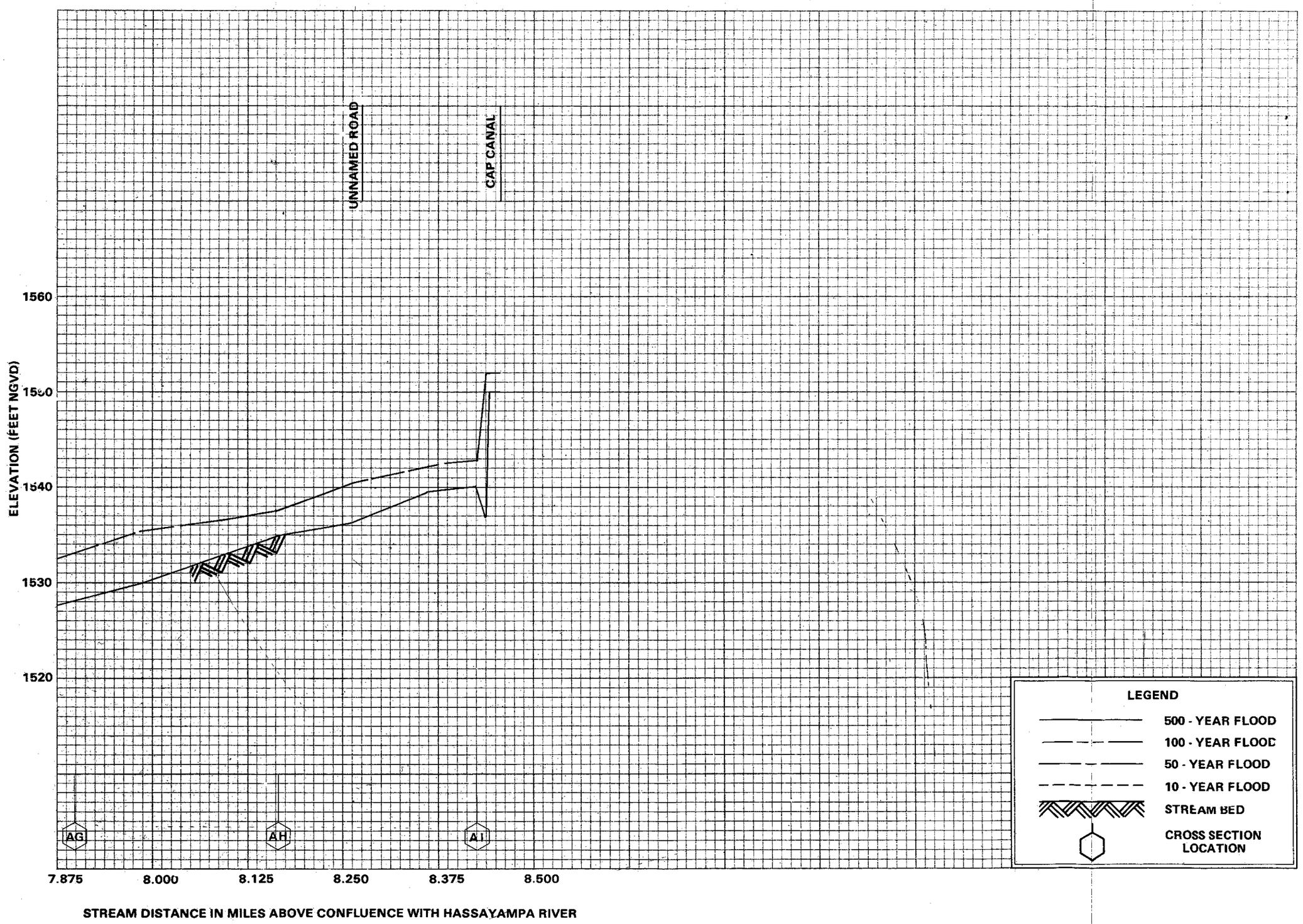
FLOOD PROFILES

WAGNER WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

547P

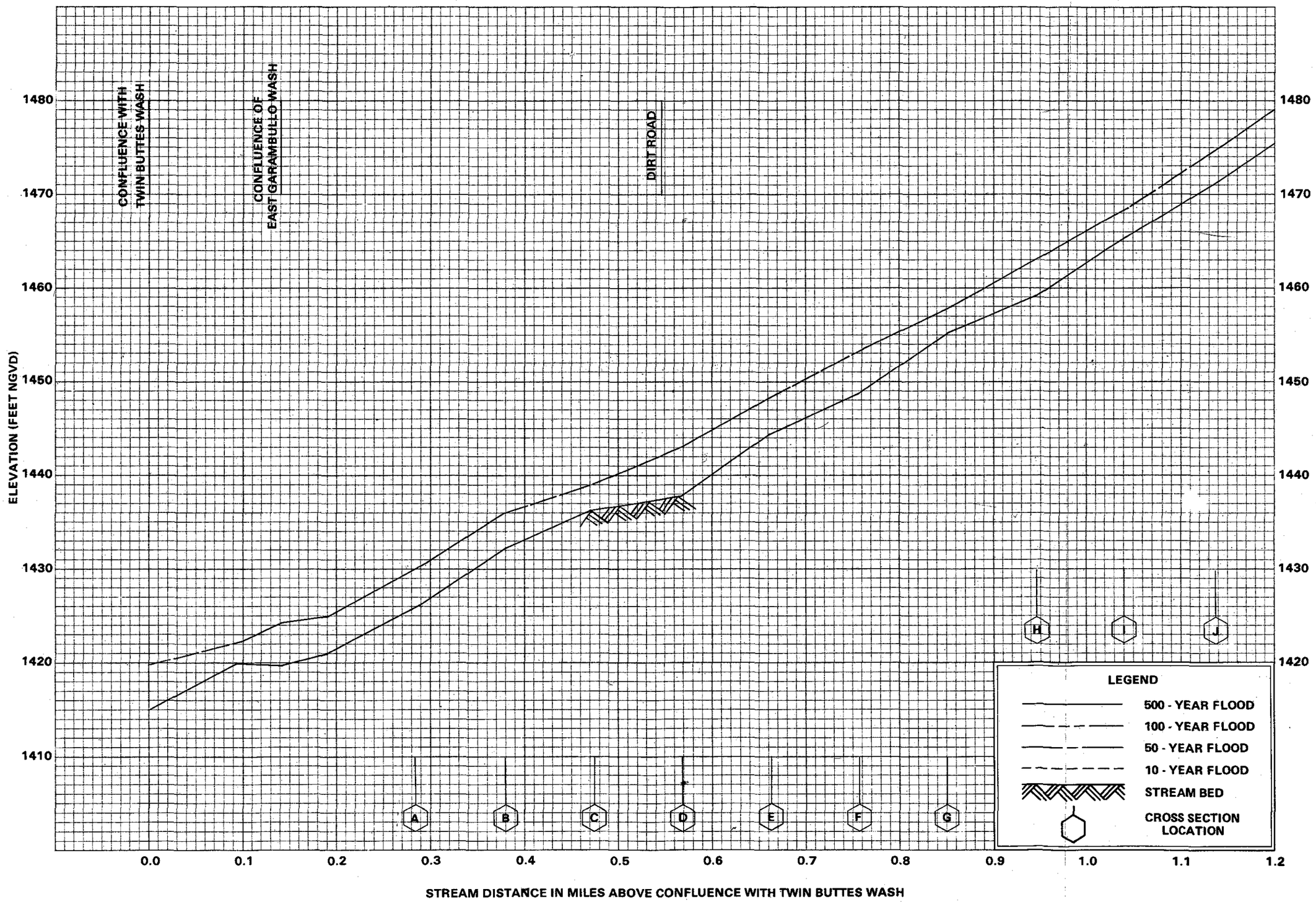


FLOOD PROFILES

WAGNER WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

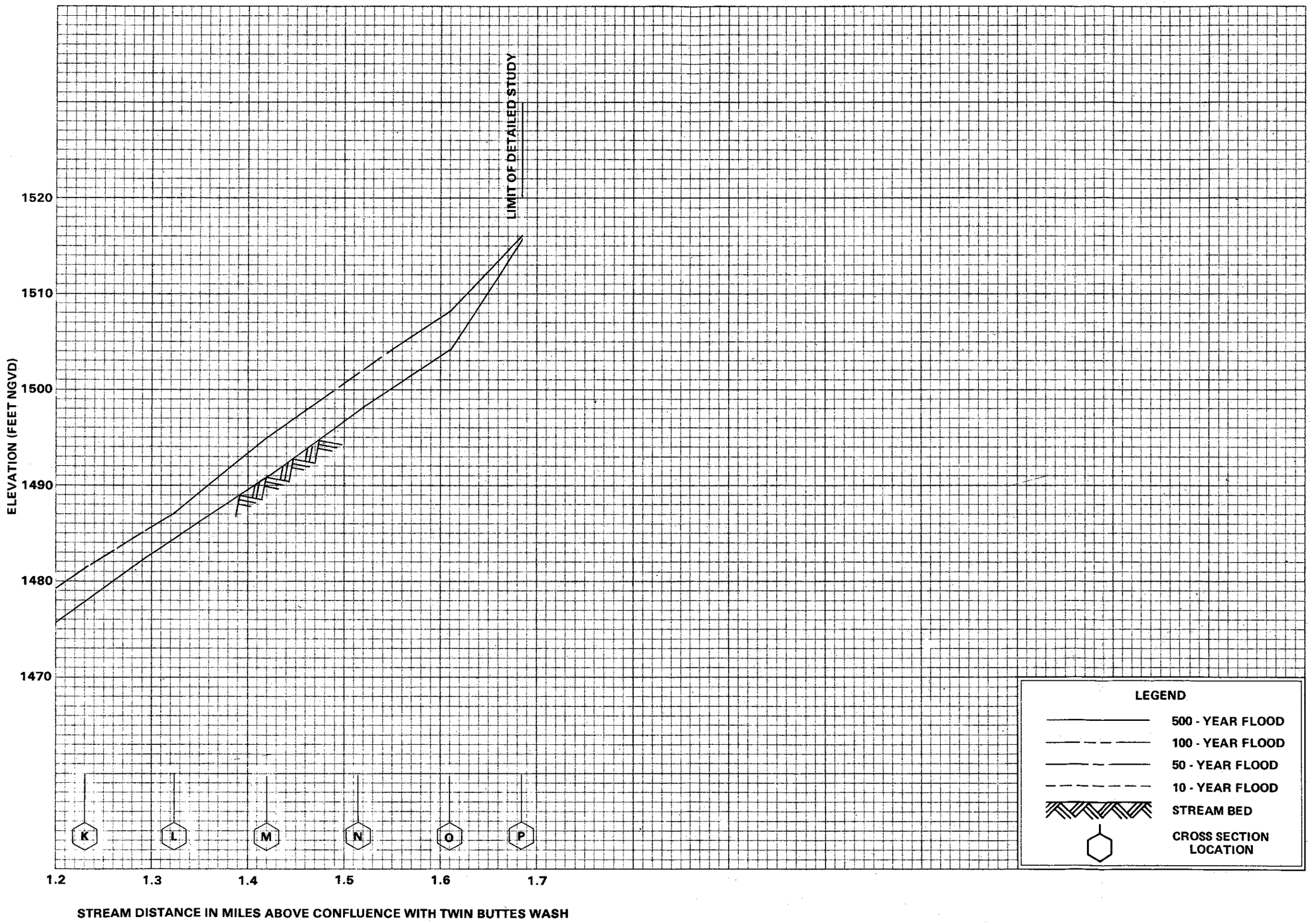


FLOOD PROFILES

WEST GARAMBULLO WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

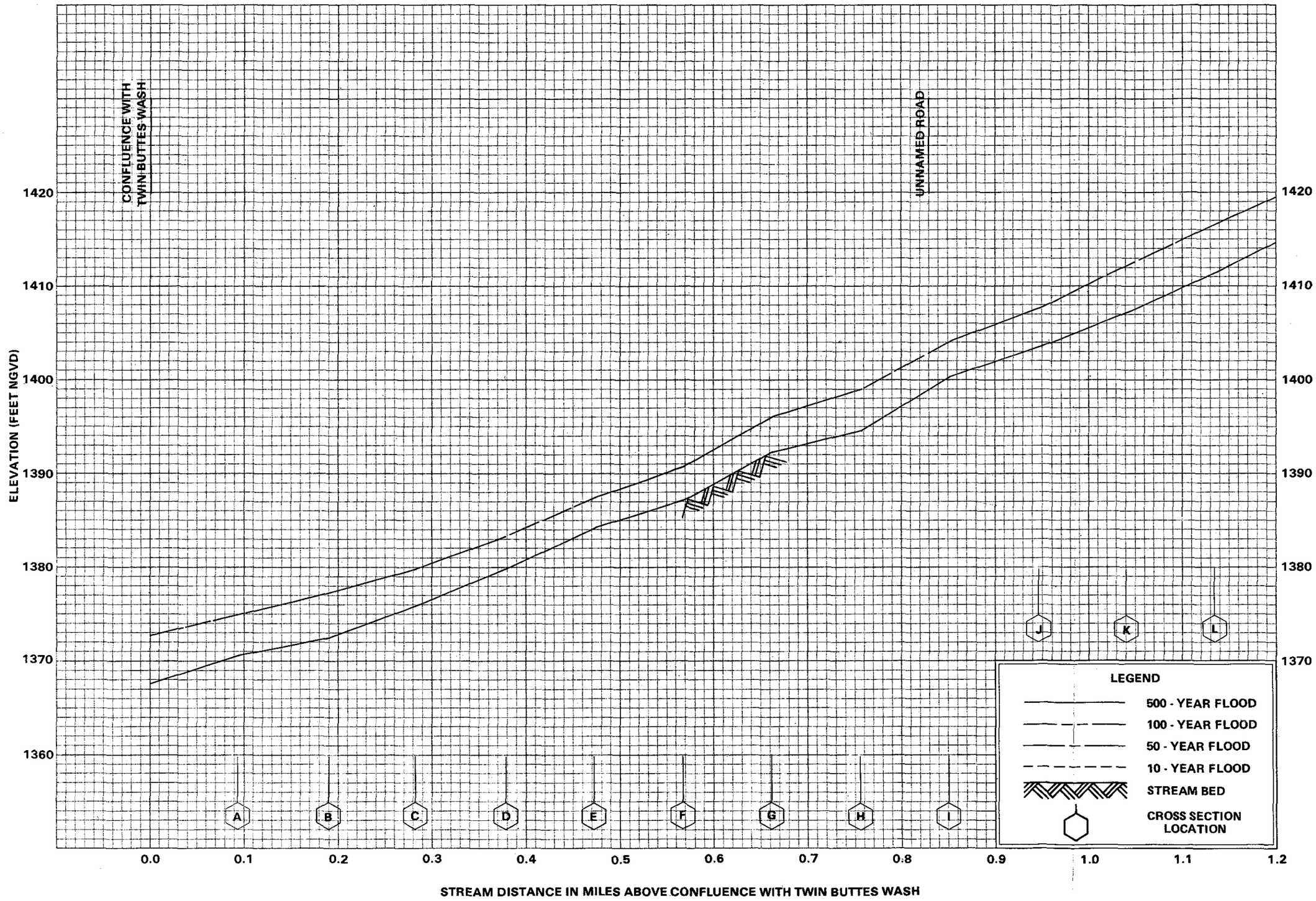


FLOOD PROFILES

WEST GARAMBULLO WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



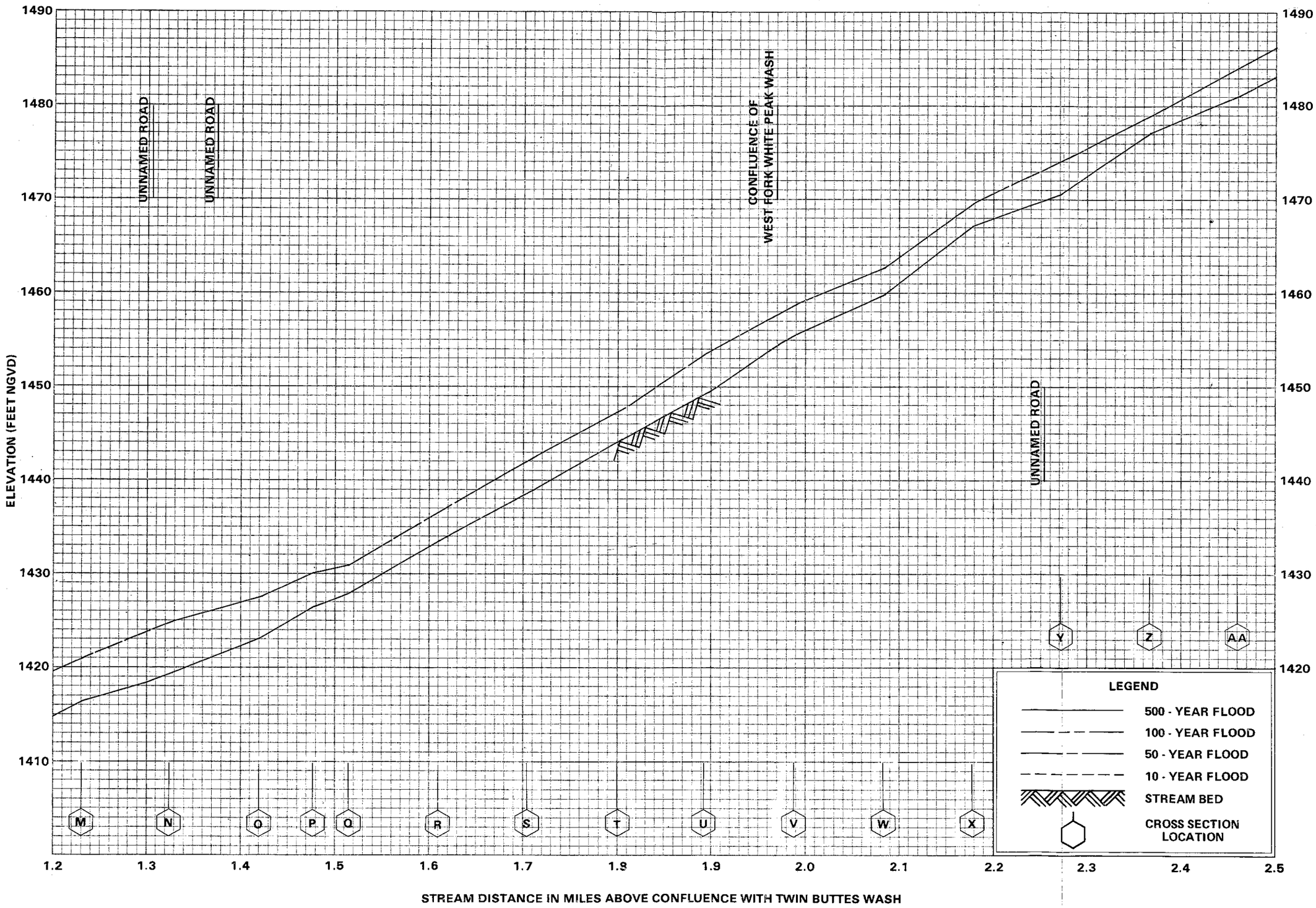
FLOOD PROFILES

WHITE PEAK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

551P



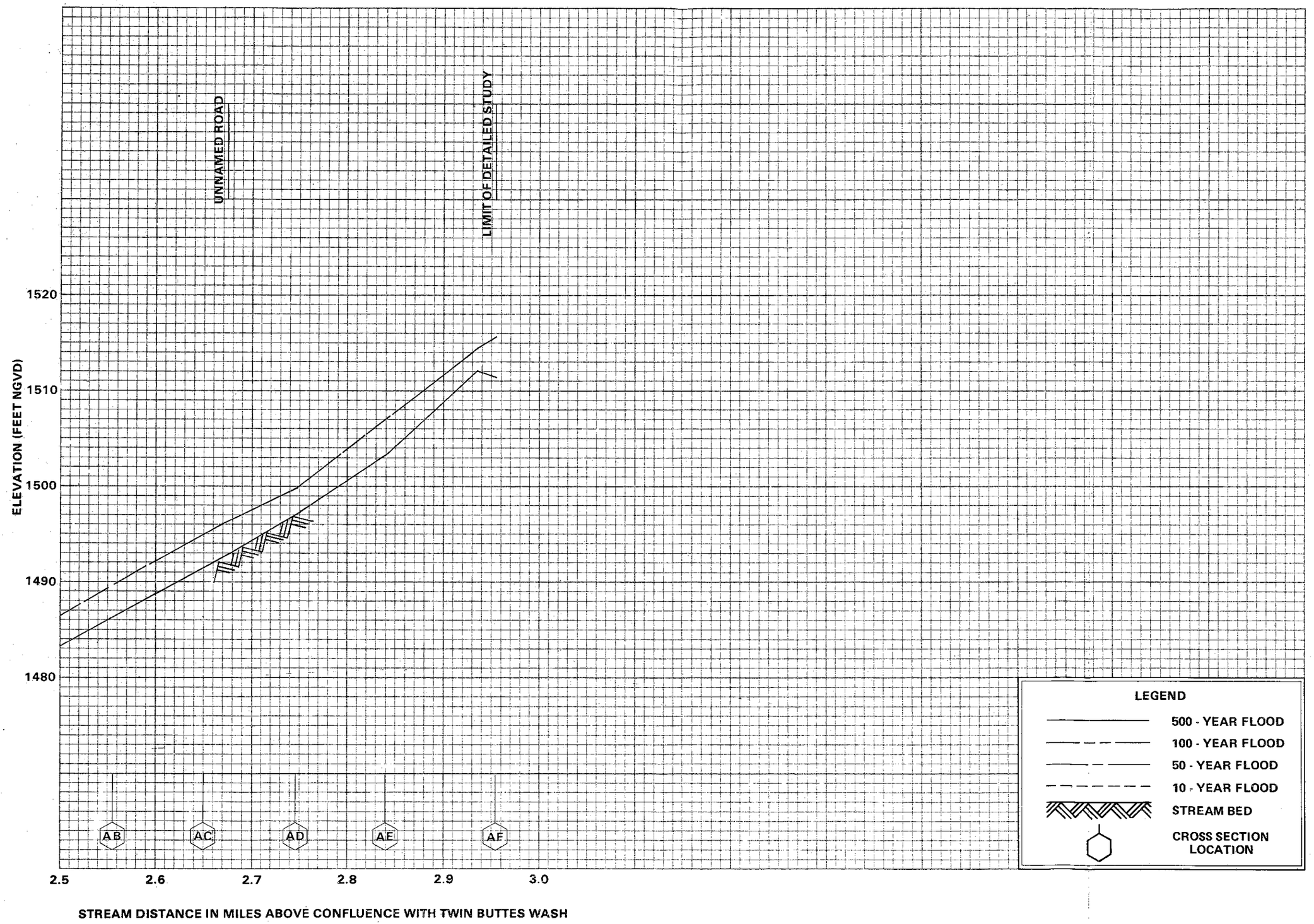
FLOOD PROFILES

WHITE PEAK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

552P



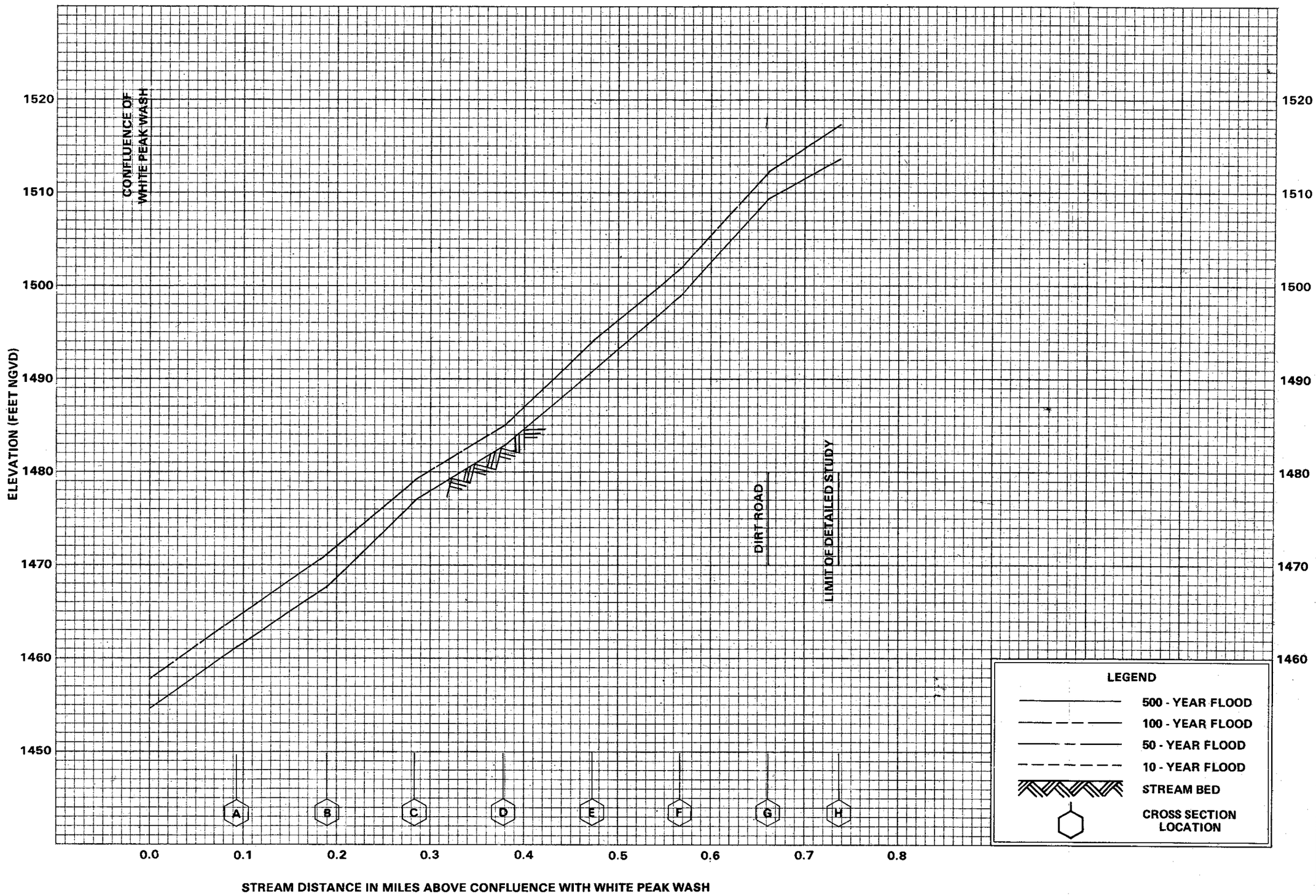
FLOOD PROFILES

WHITE PEAK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

553P

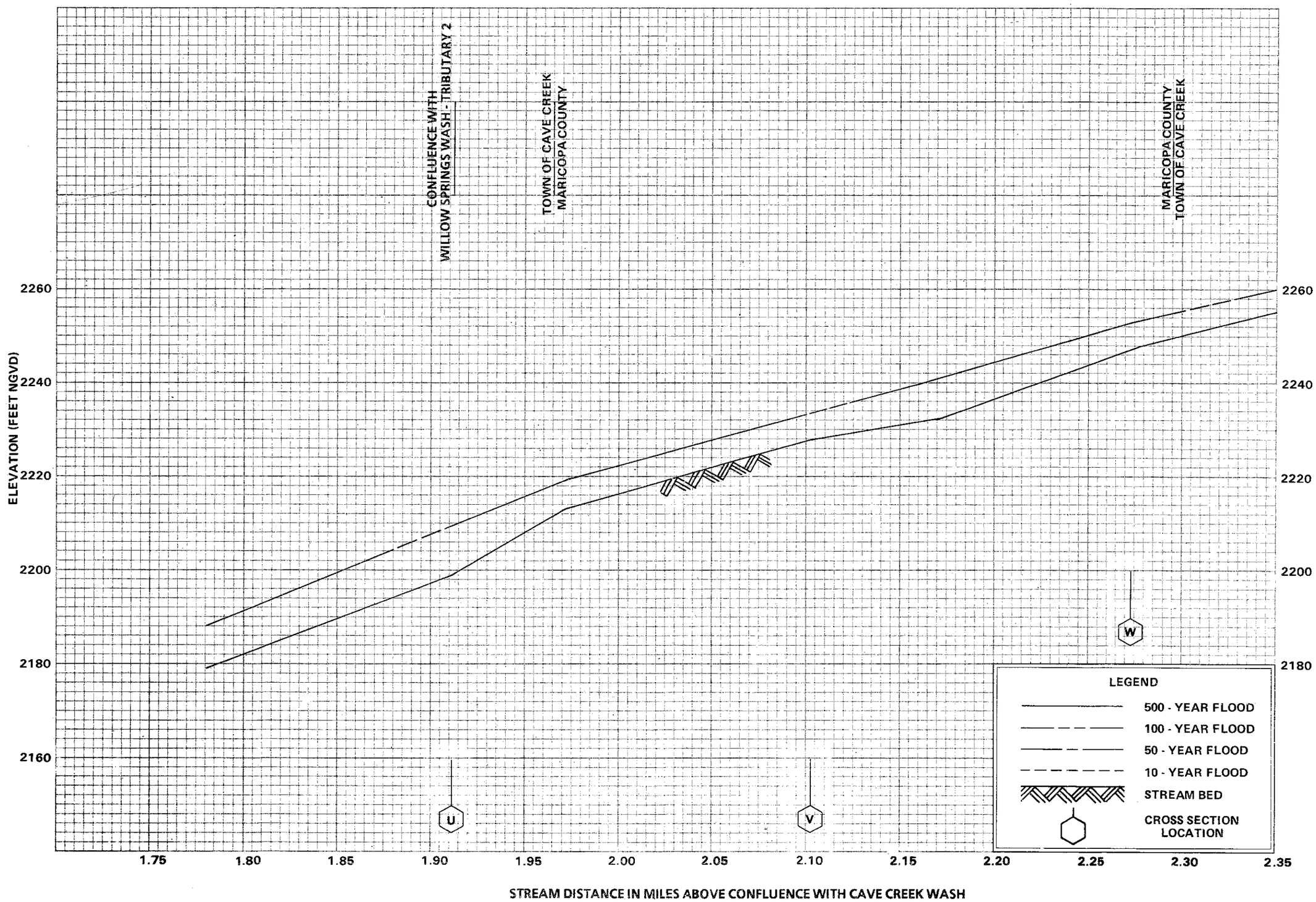


FLOOD PROFILES

WEST FORK WHITE PEAK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

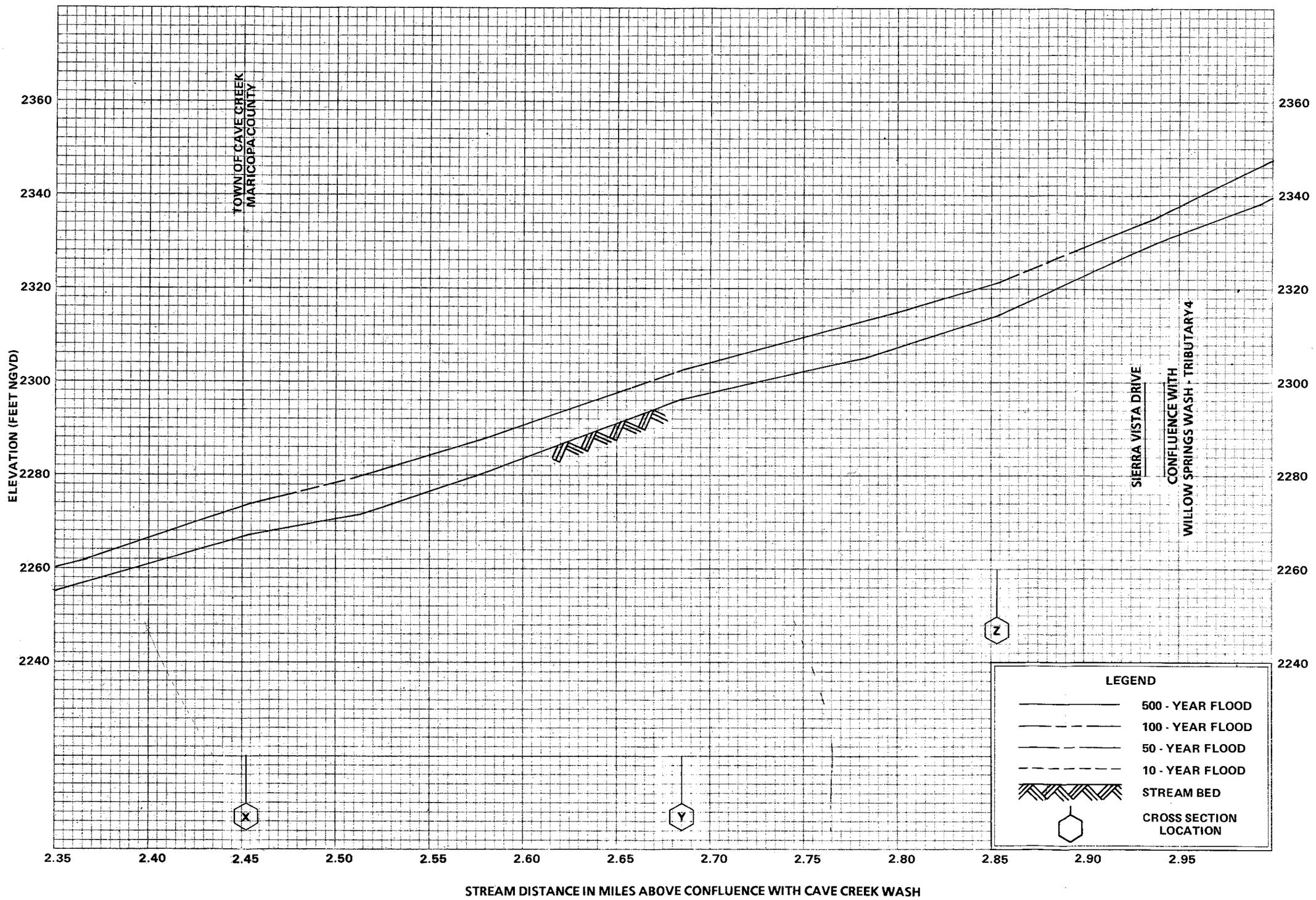


FLOOD PROFILES

WILLOW SPRINGS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



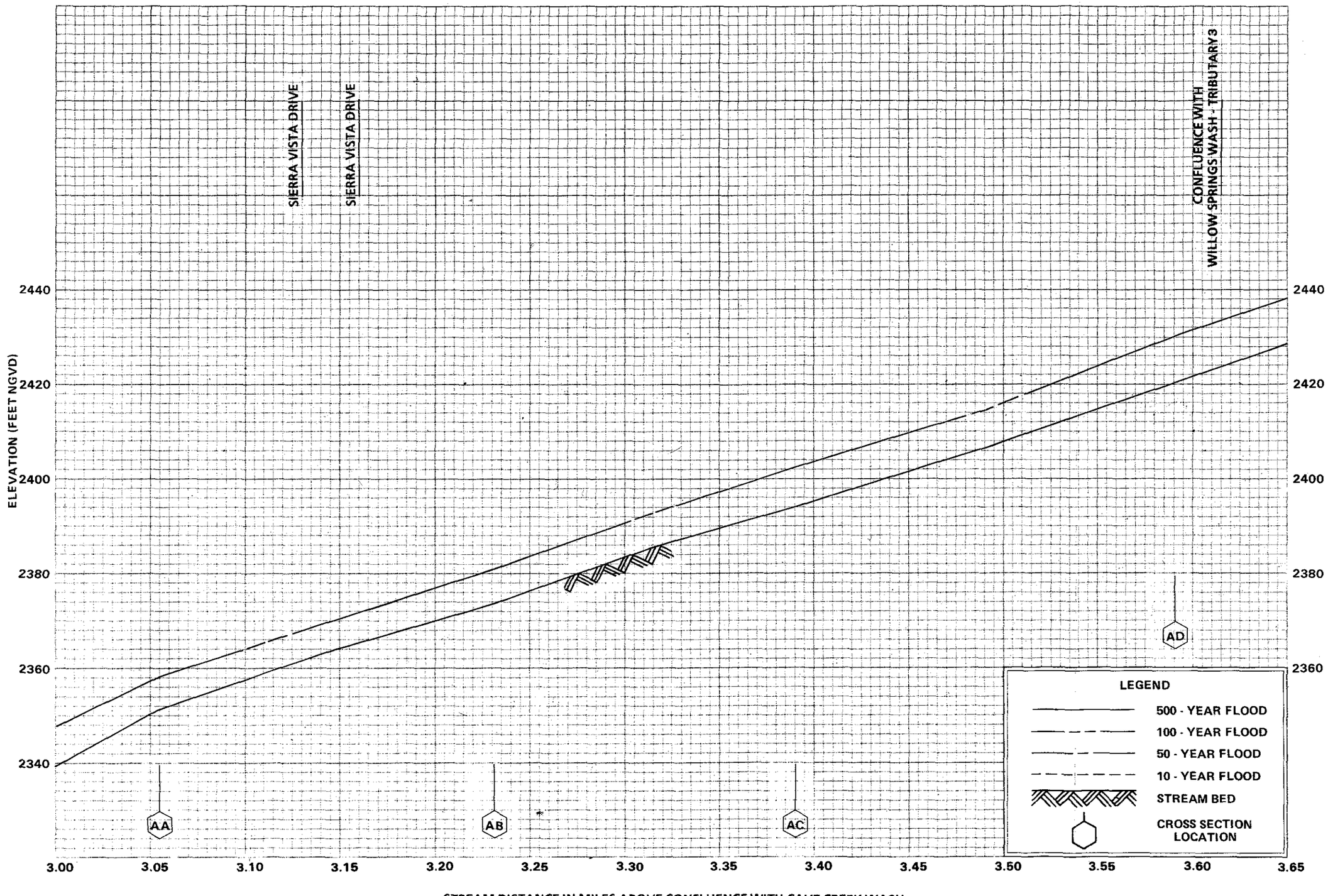
FLOOD PROFILES

WILLOW SPRINGS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

556P



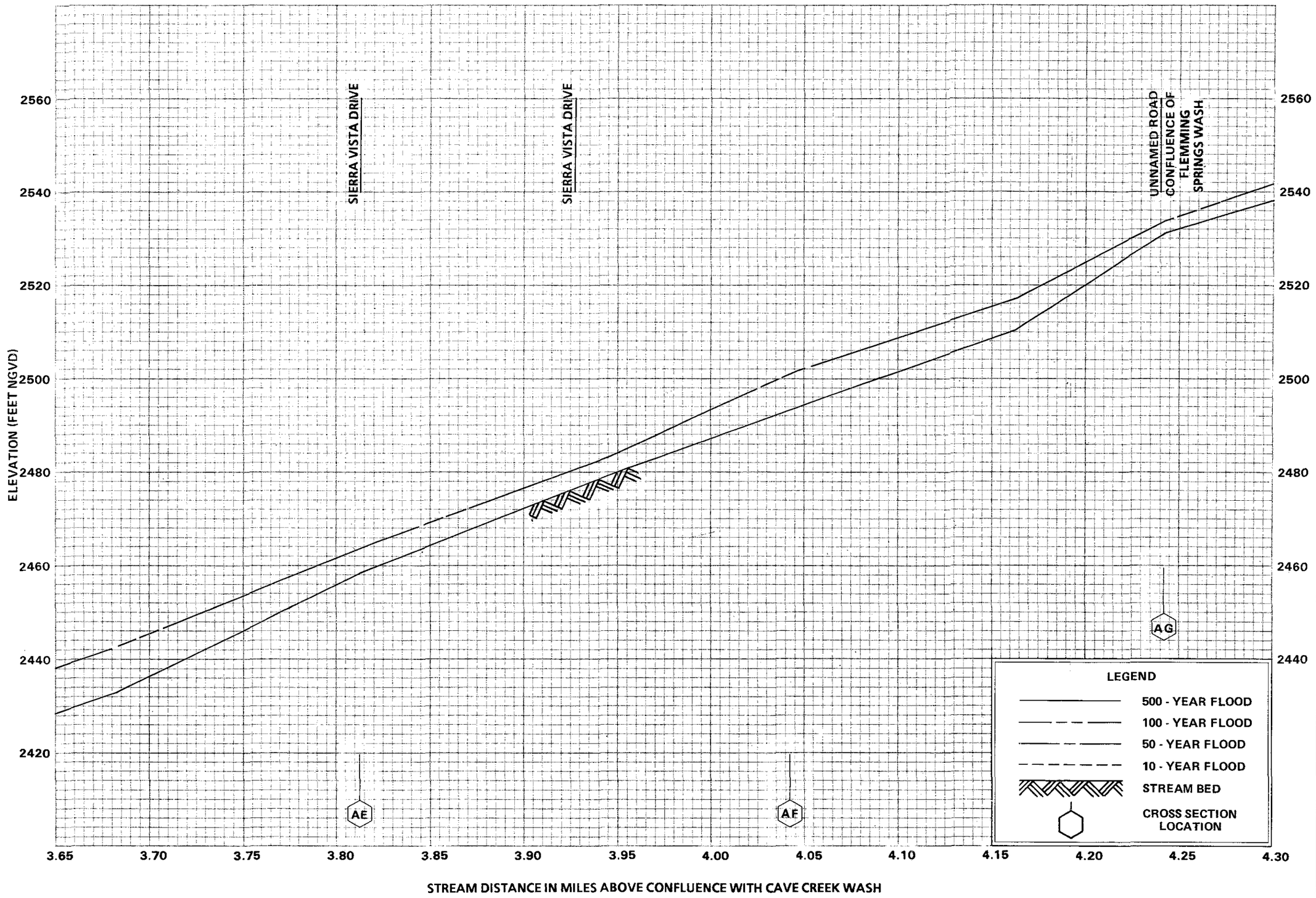
FLOOD PROFILES

WILLOW SPRINGS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

557P

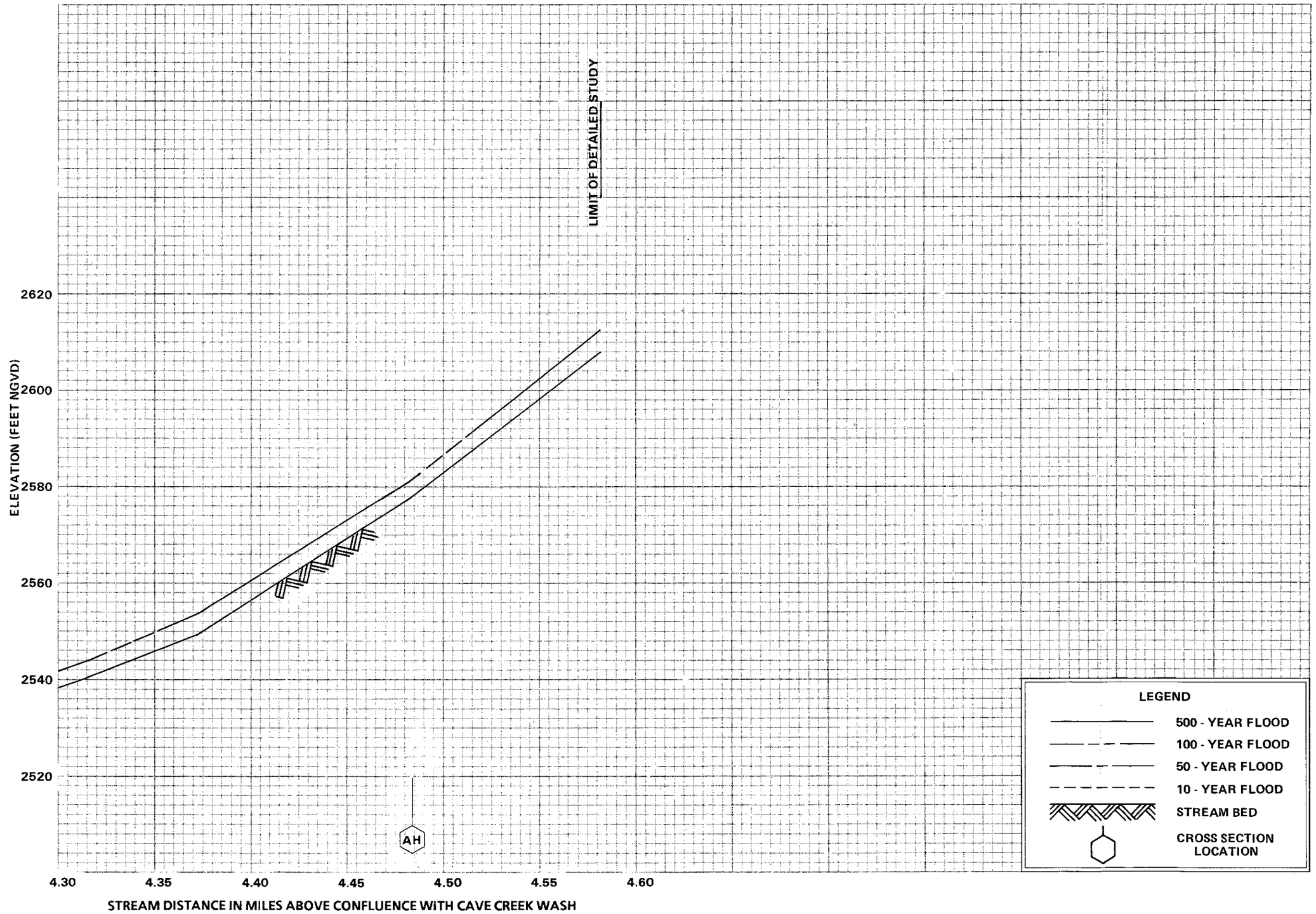


FLOOD PROFILES

WILLOW SPRINGS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

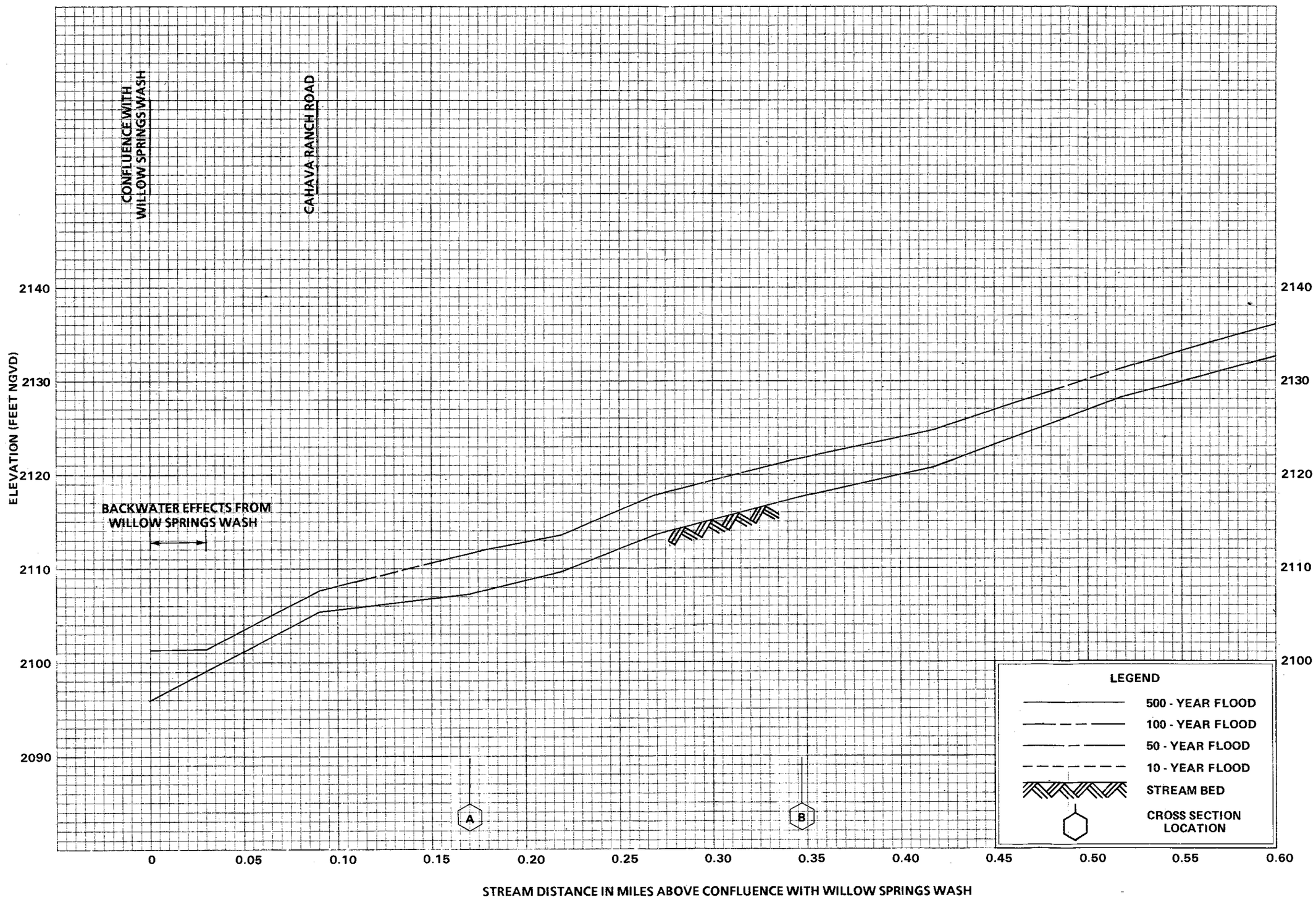


FLOOD PROFILES

WILLOW SPRINGS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

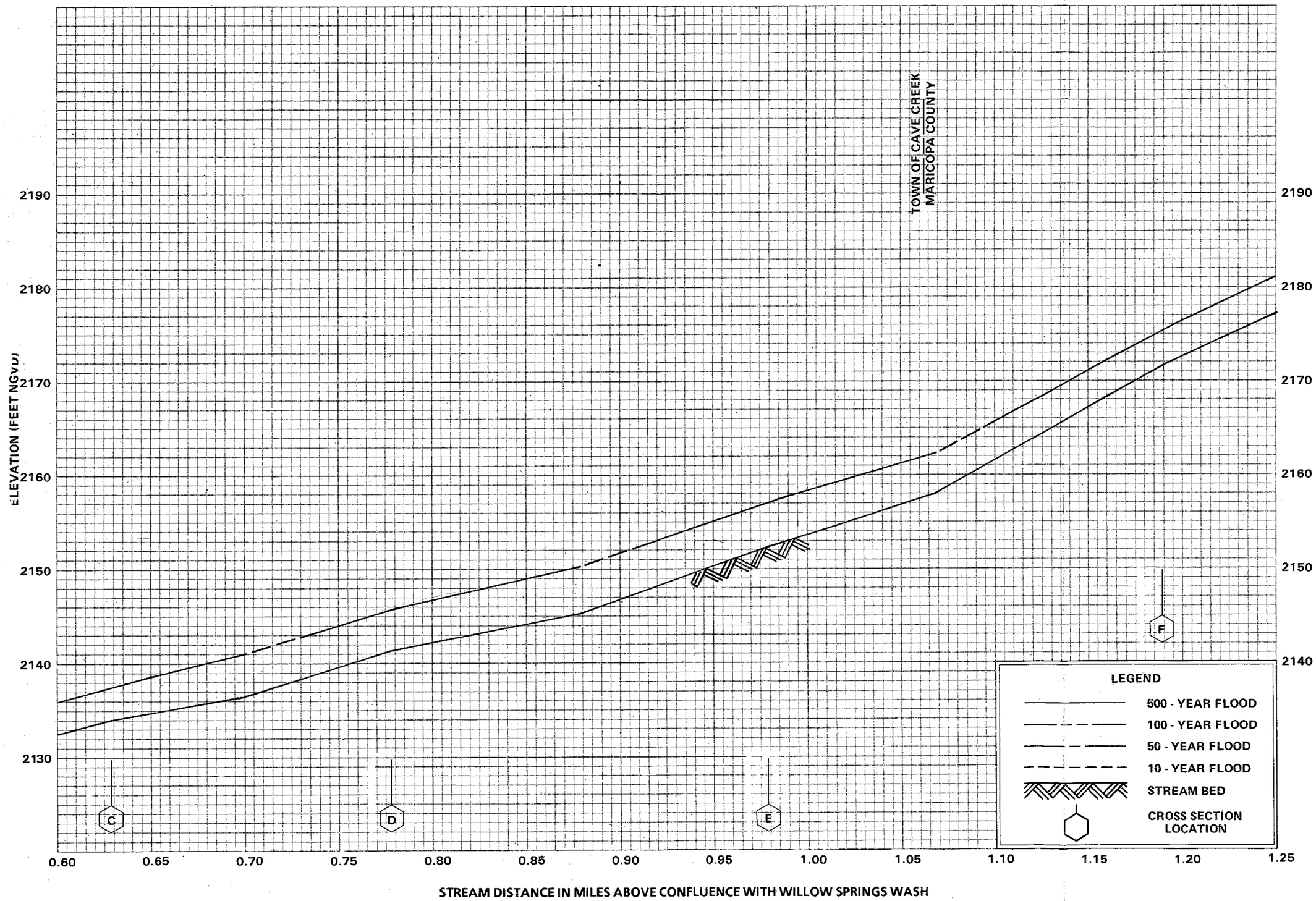


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



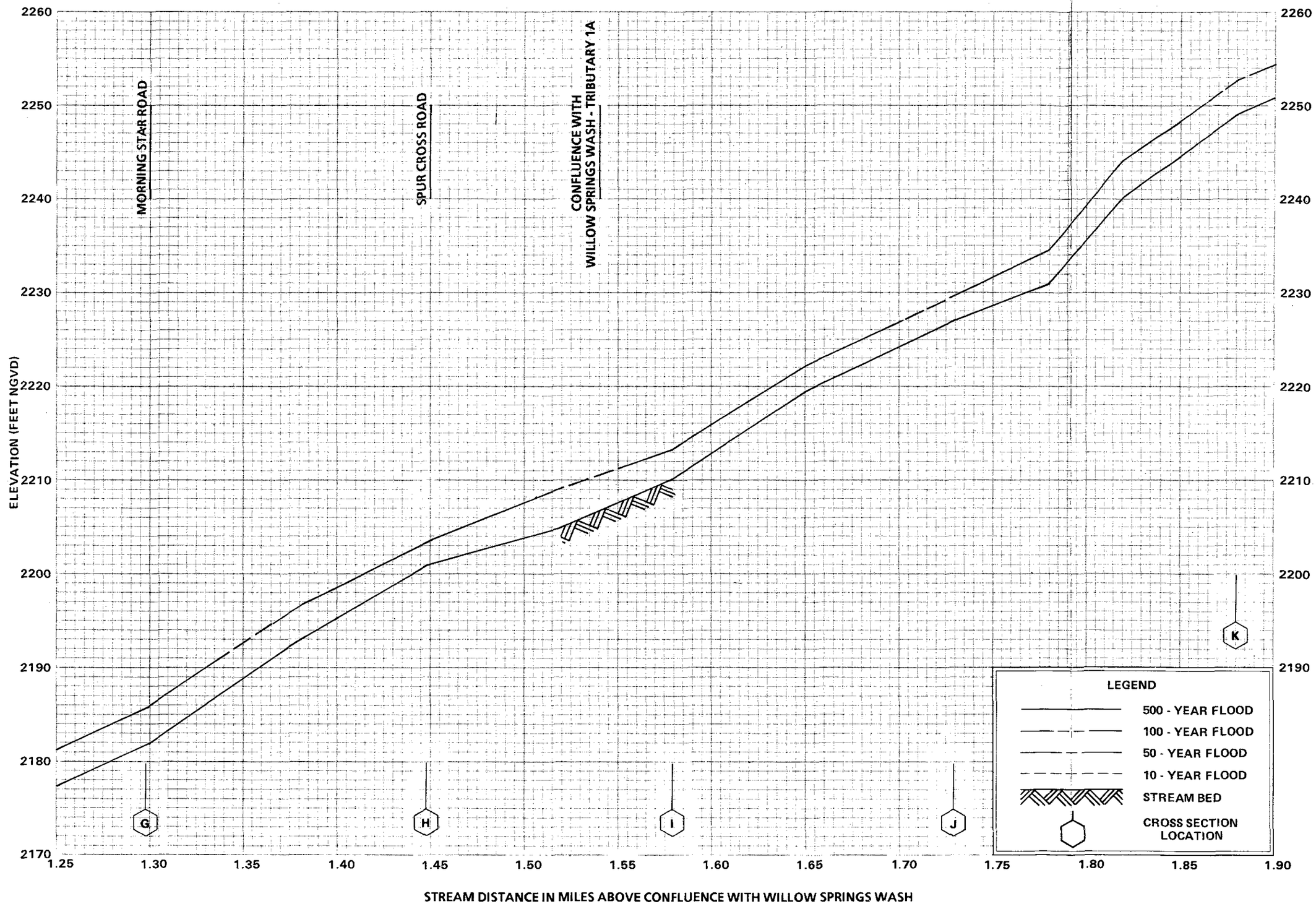
FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

561P

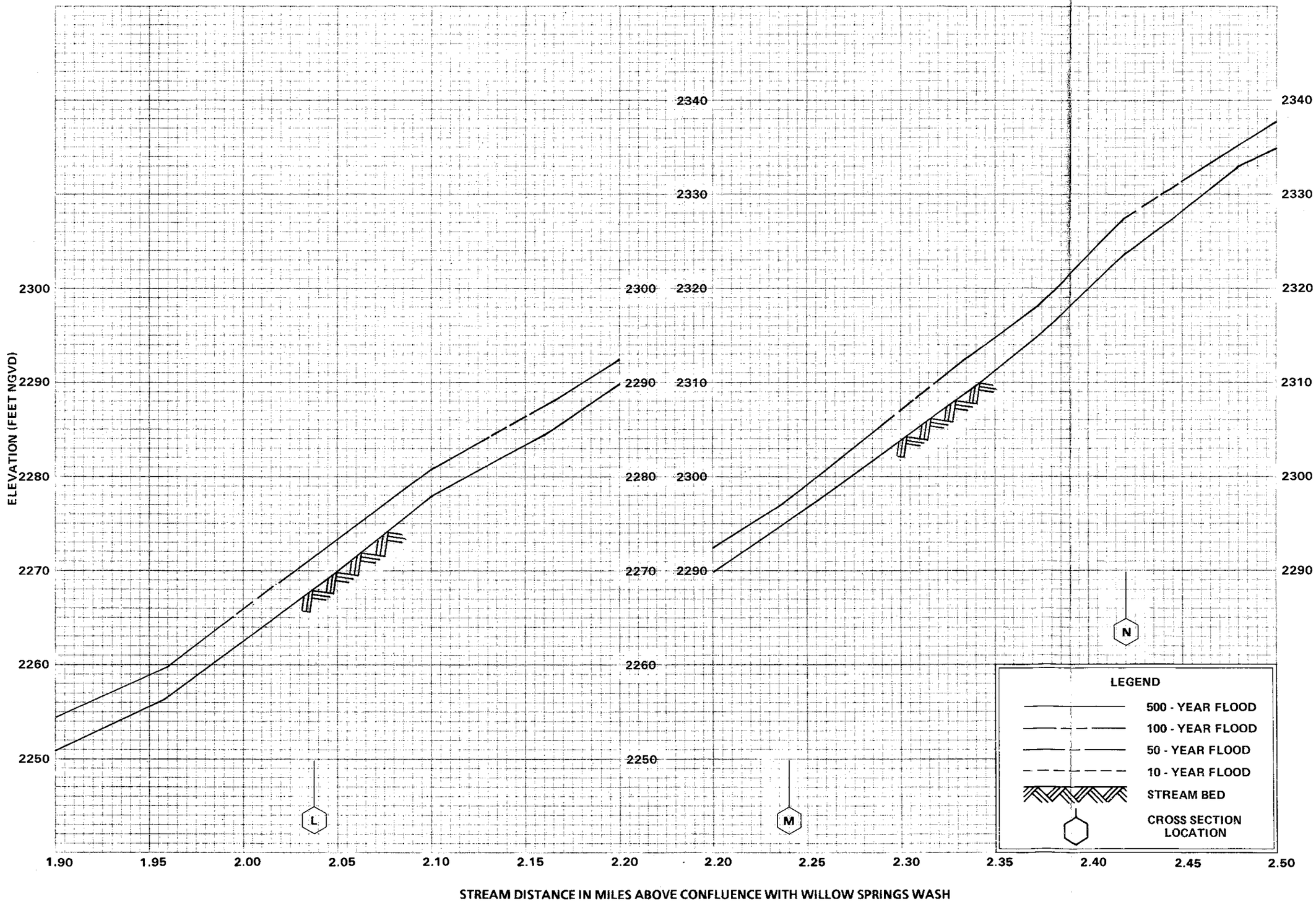


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

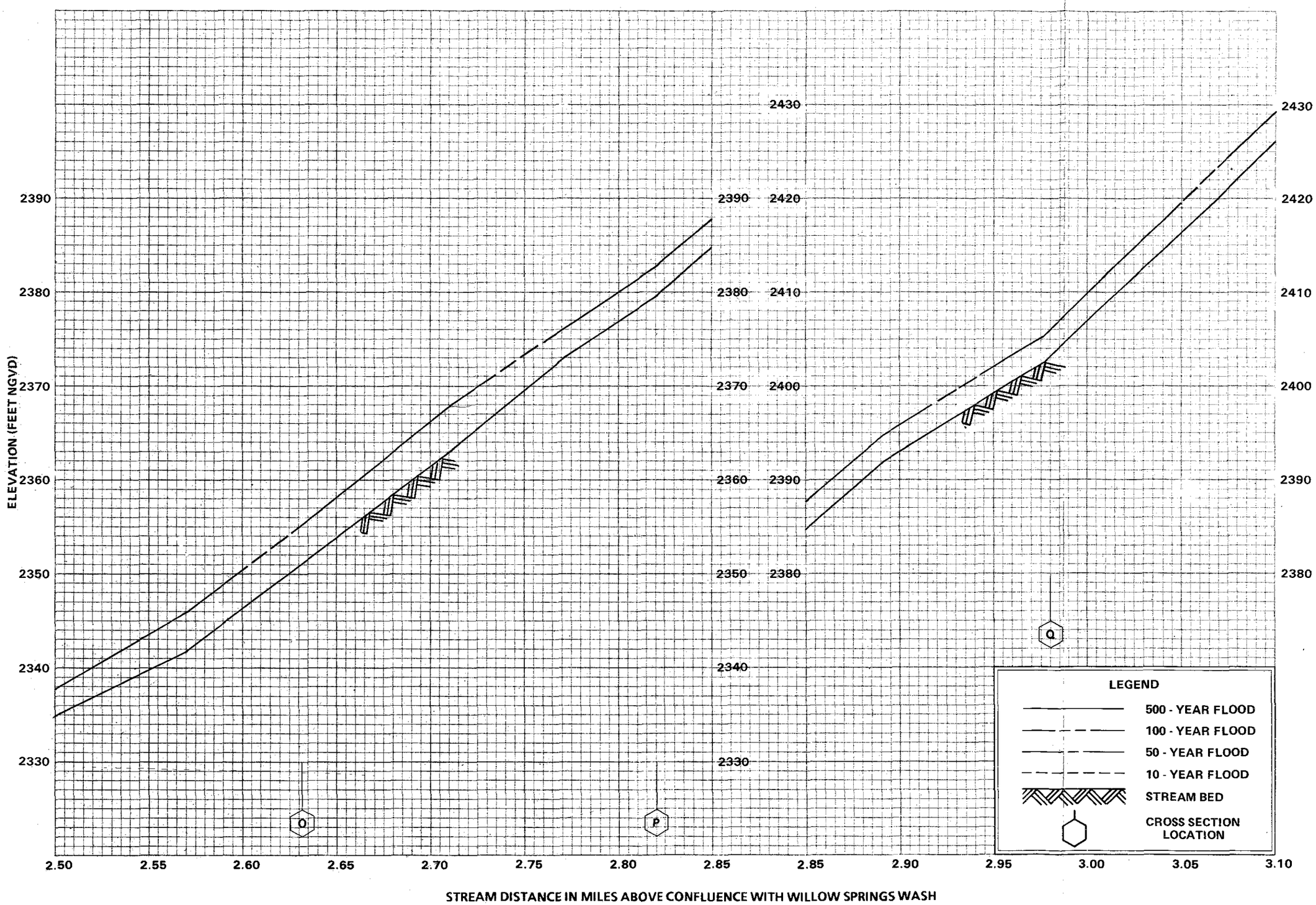


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



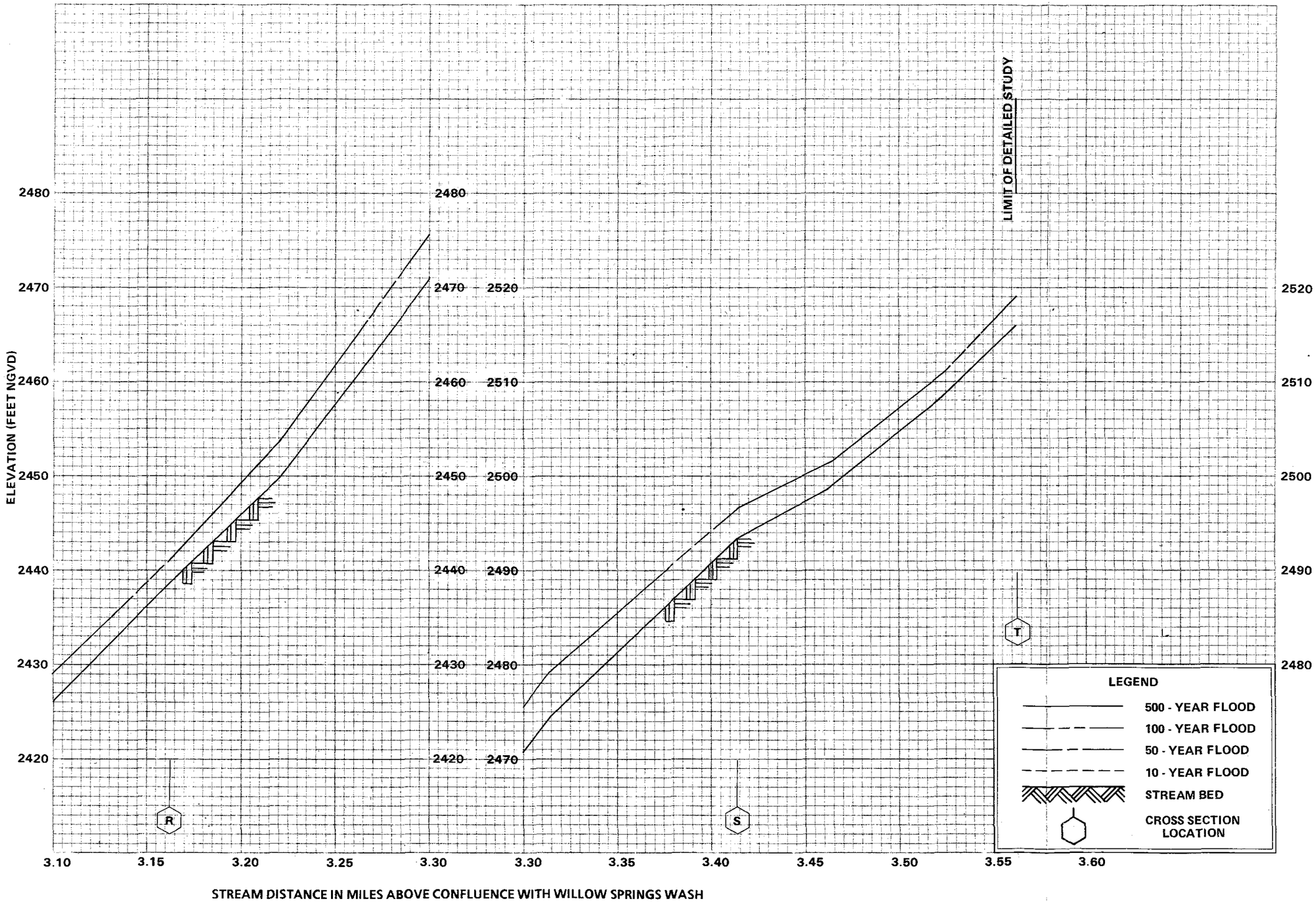
FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

564P

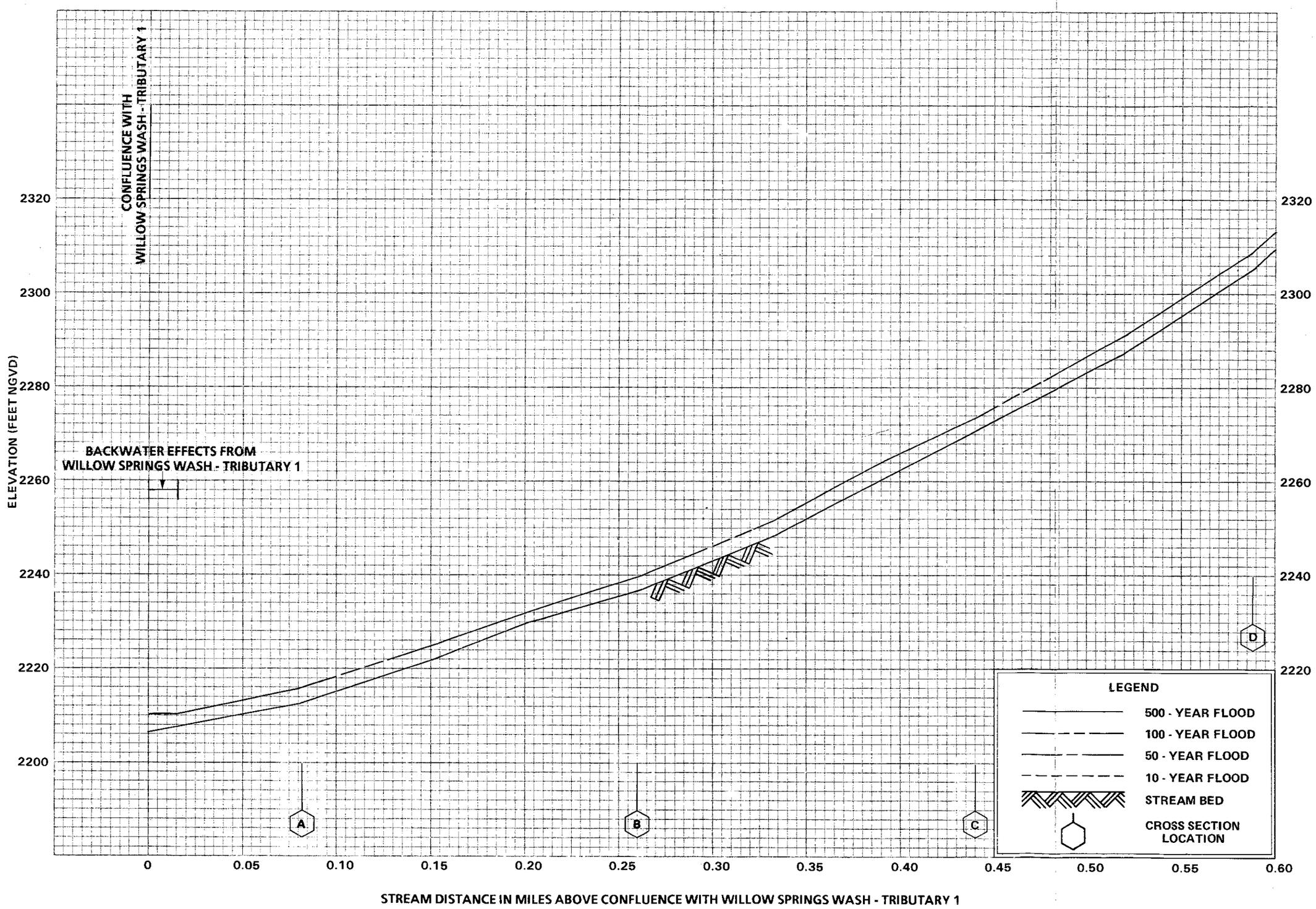


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

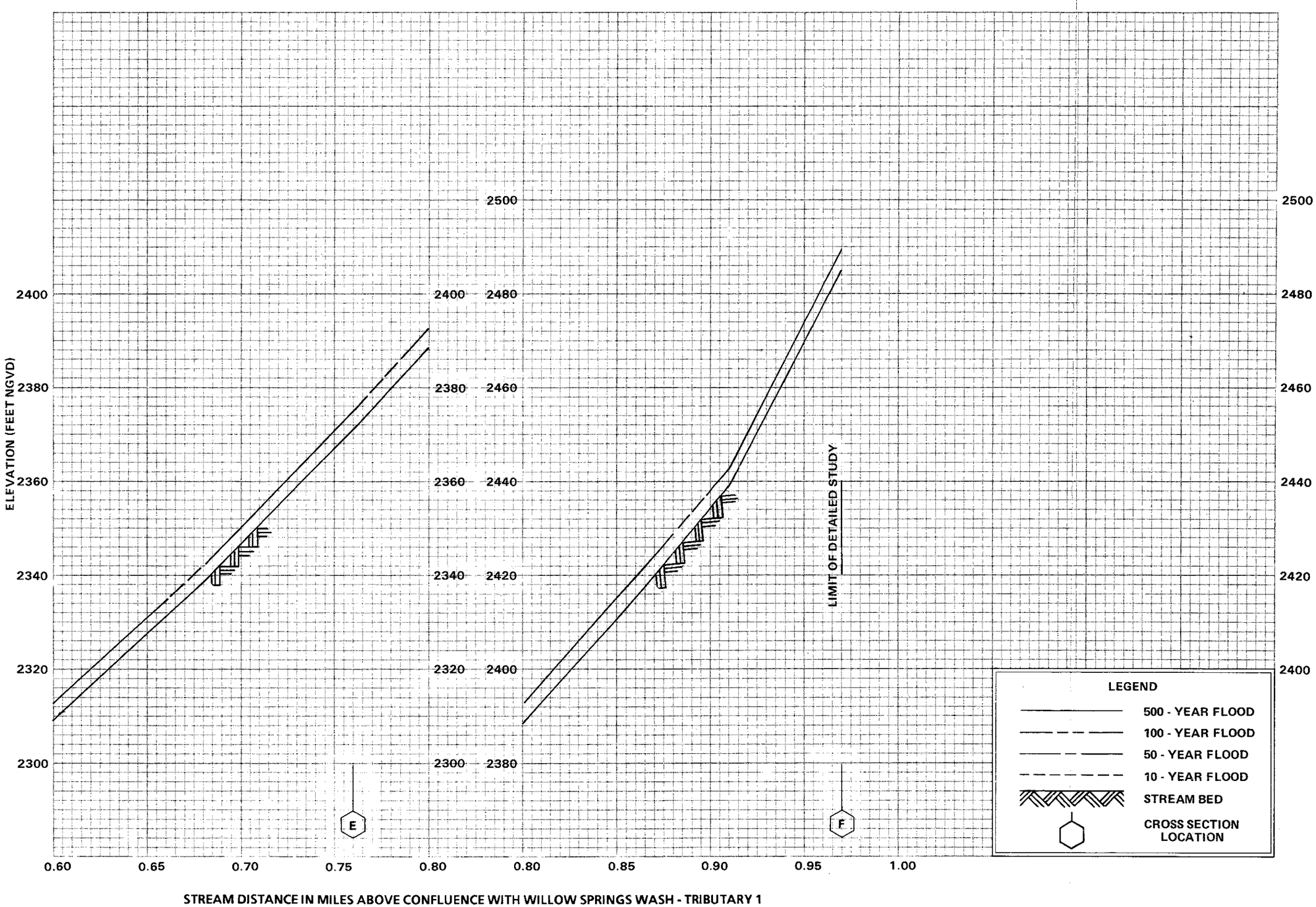


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1A

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

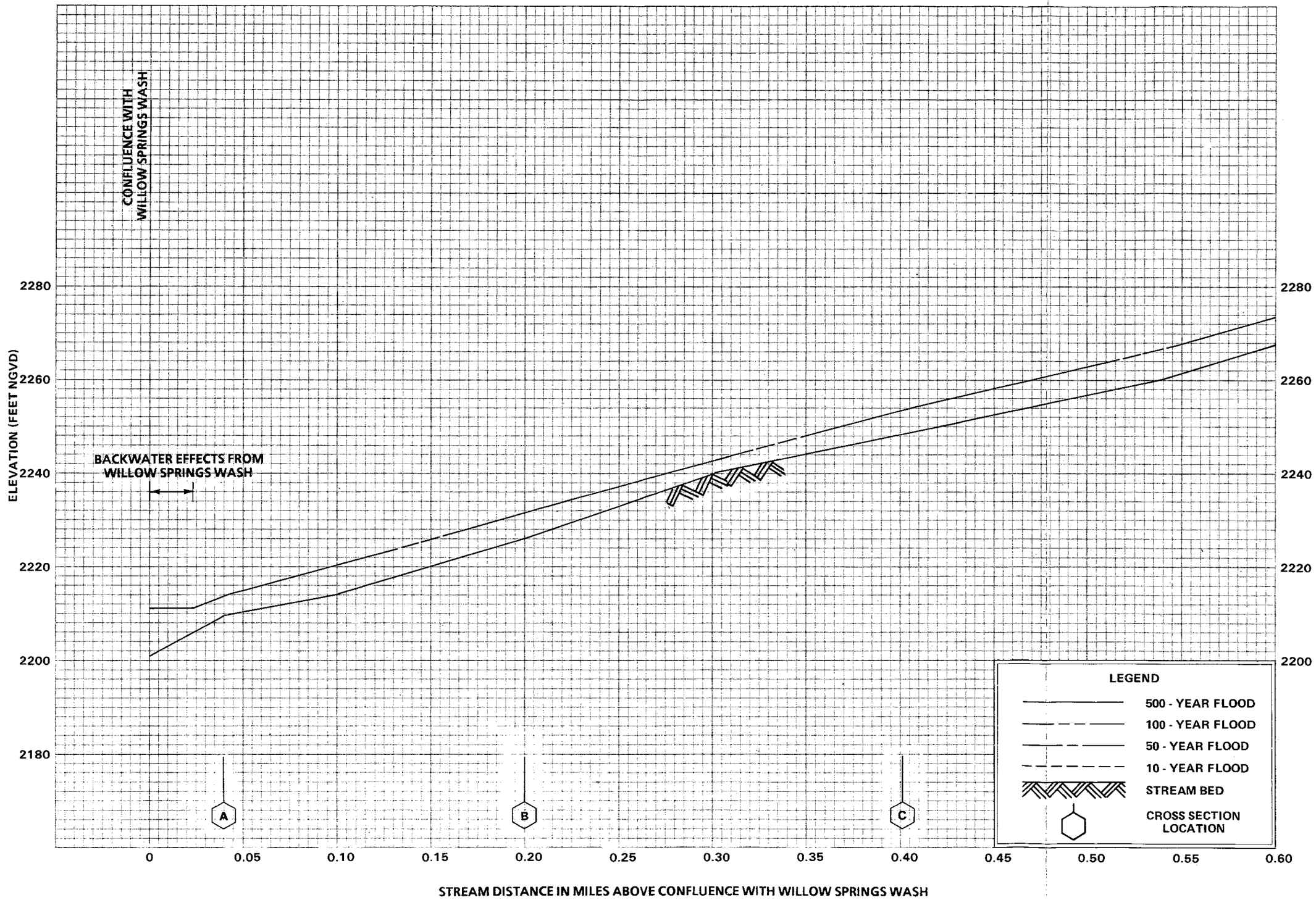


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 1A

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

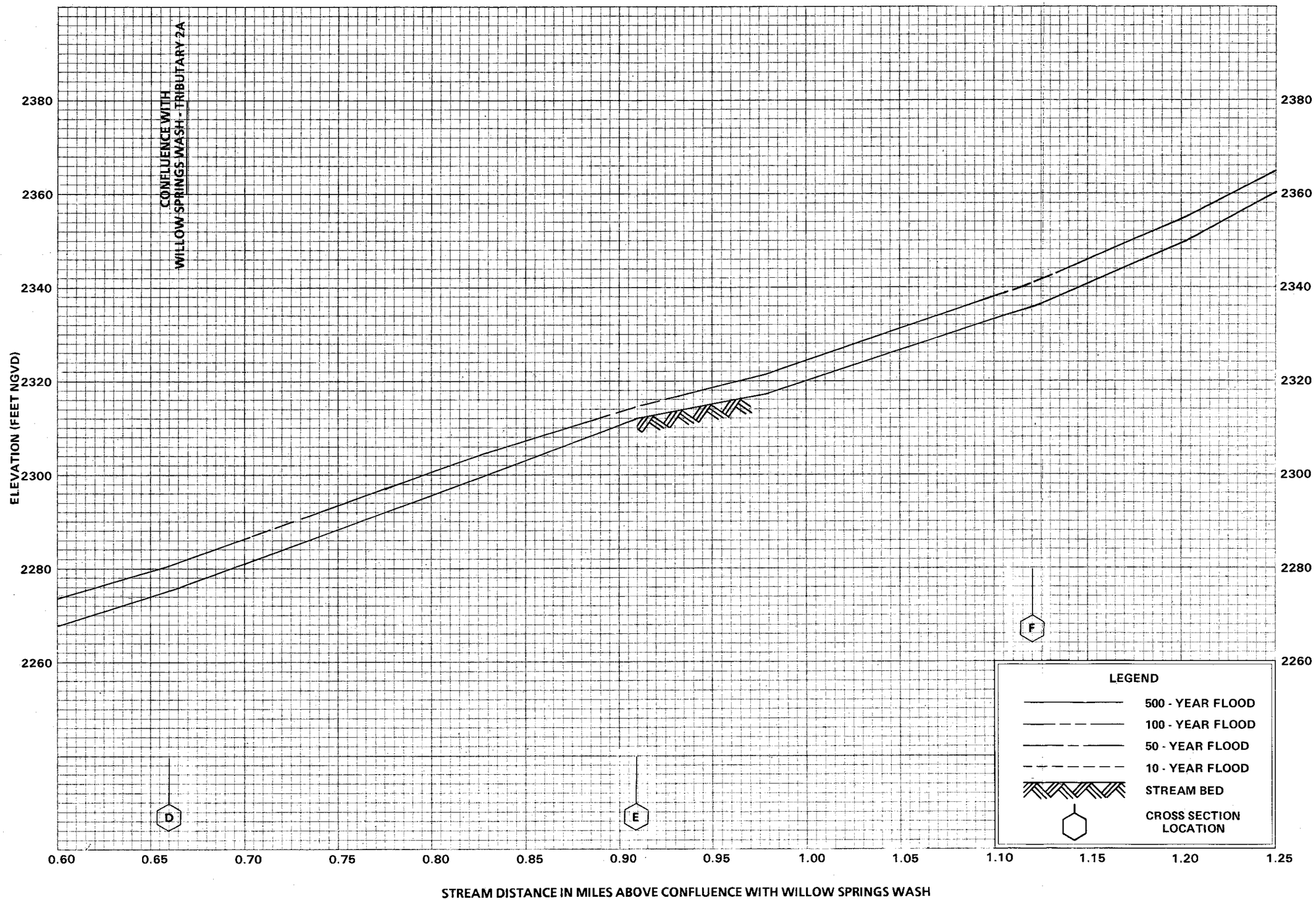


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

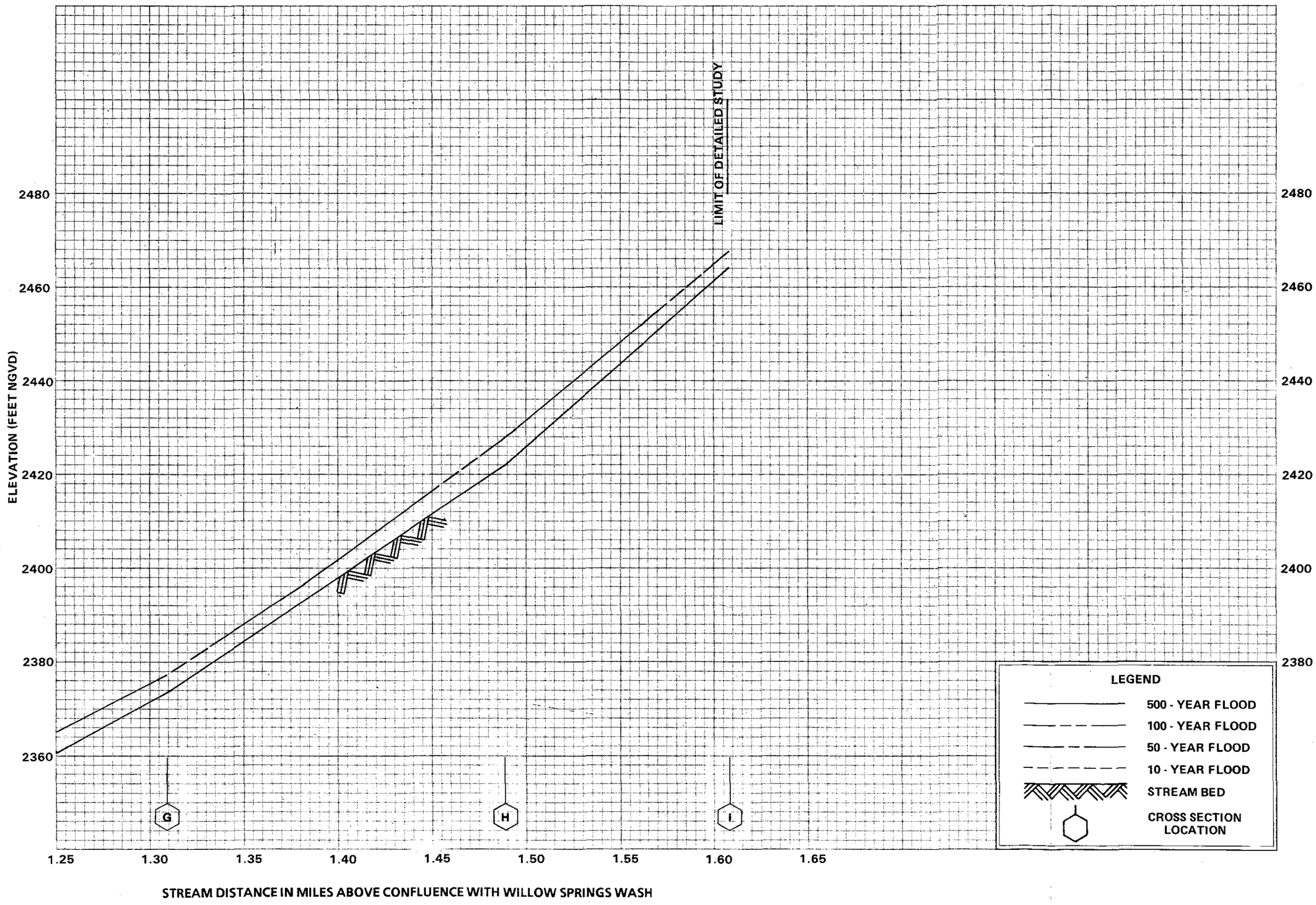


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

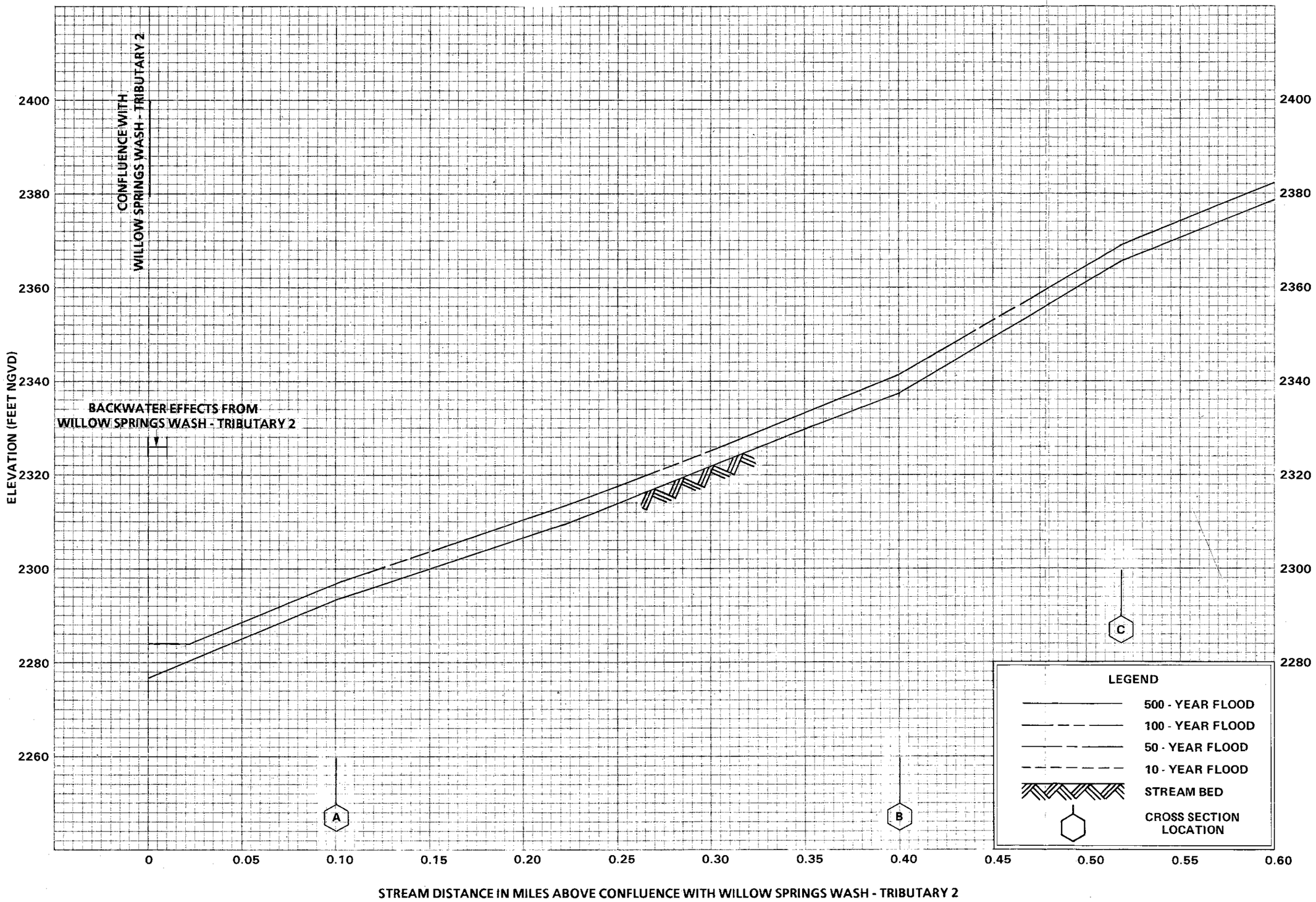


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

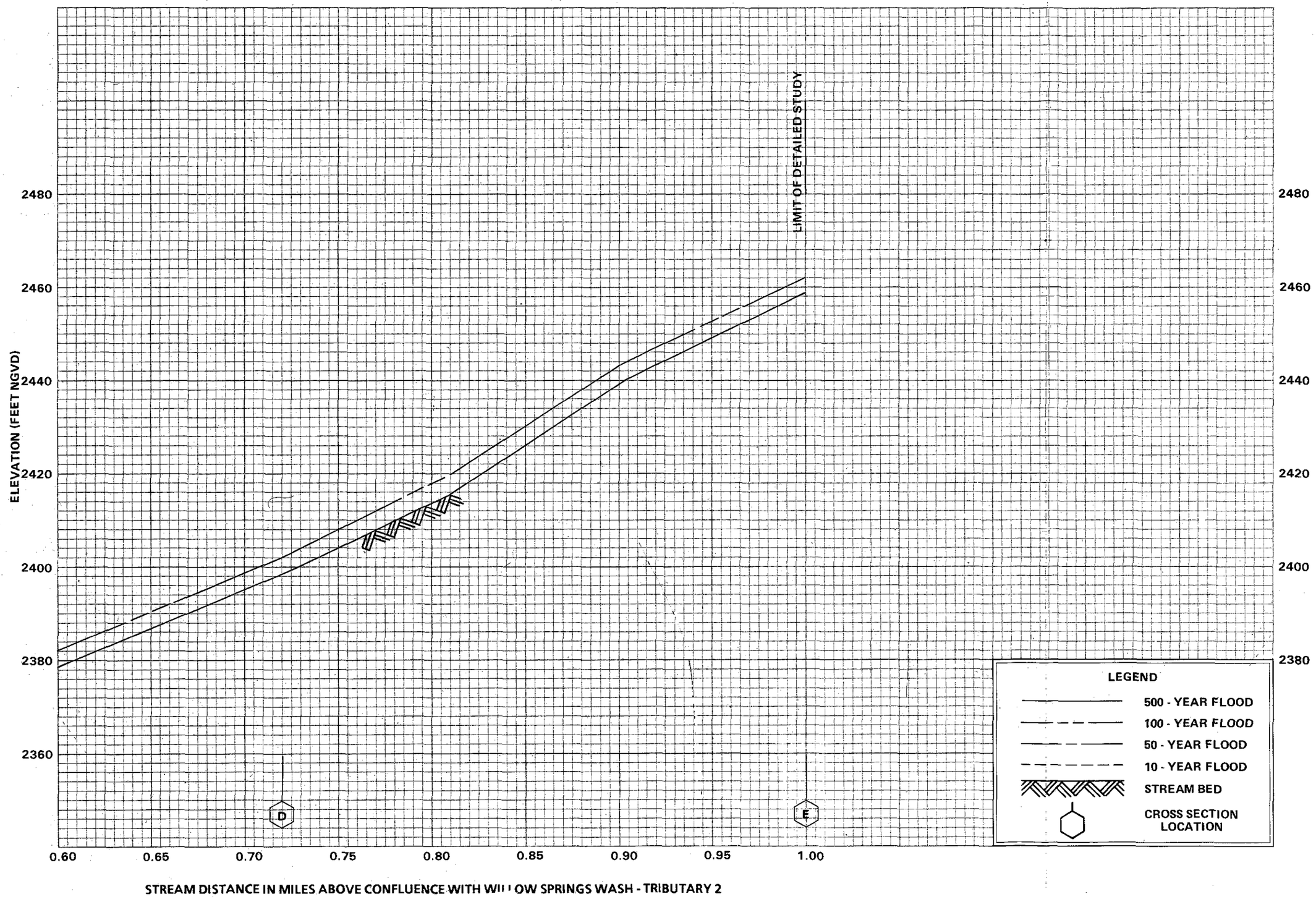


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 2A

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



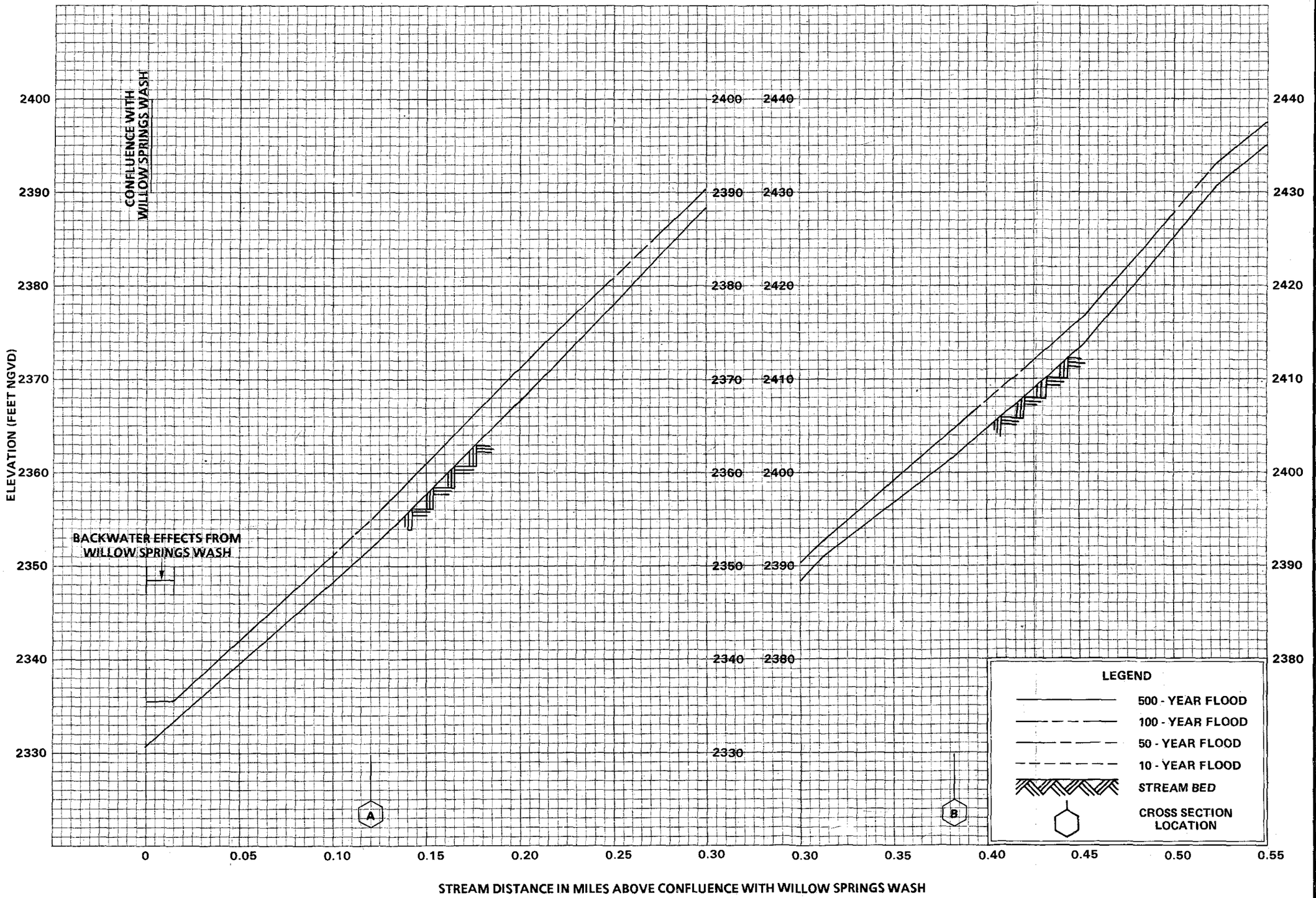
FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 2A

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

572P

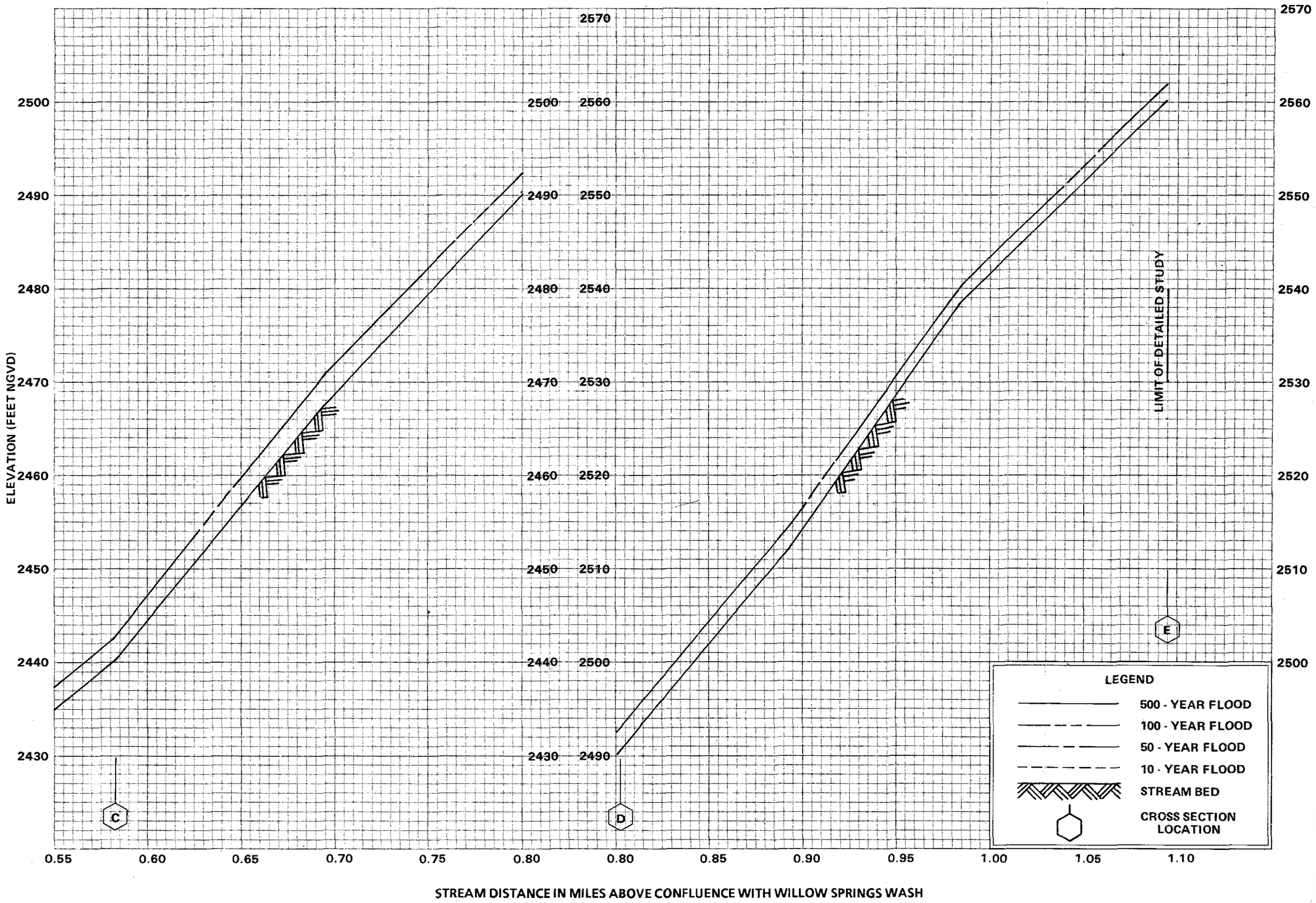


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

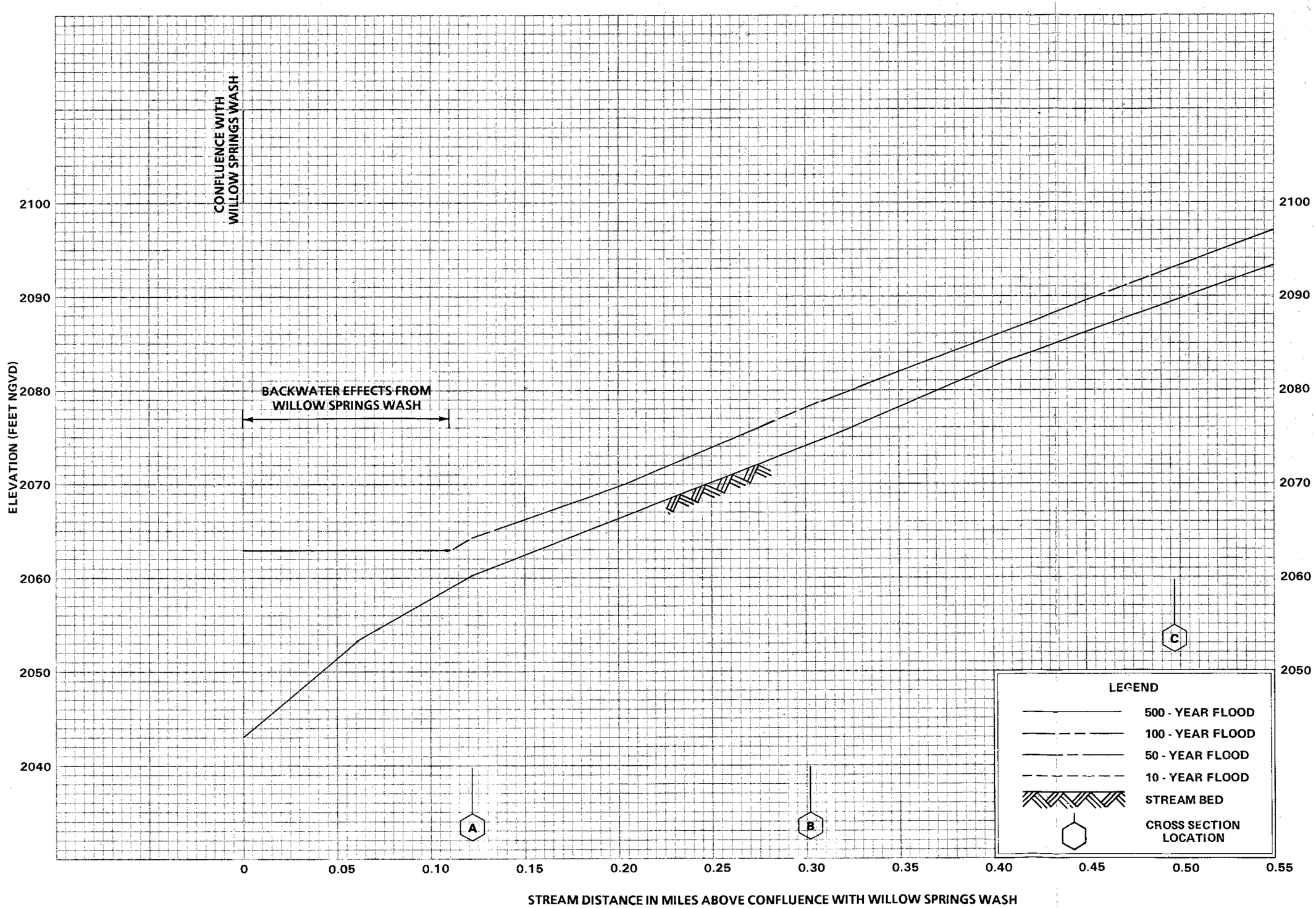


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



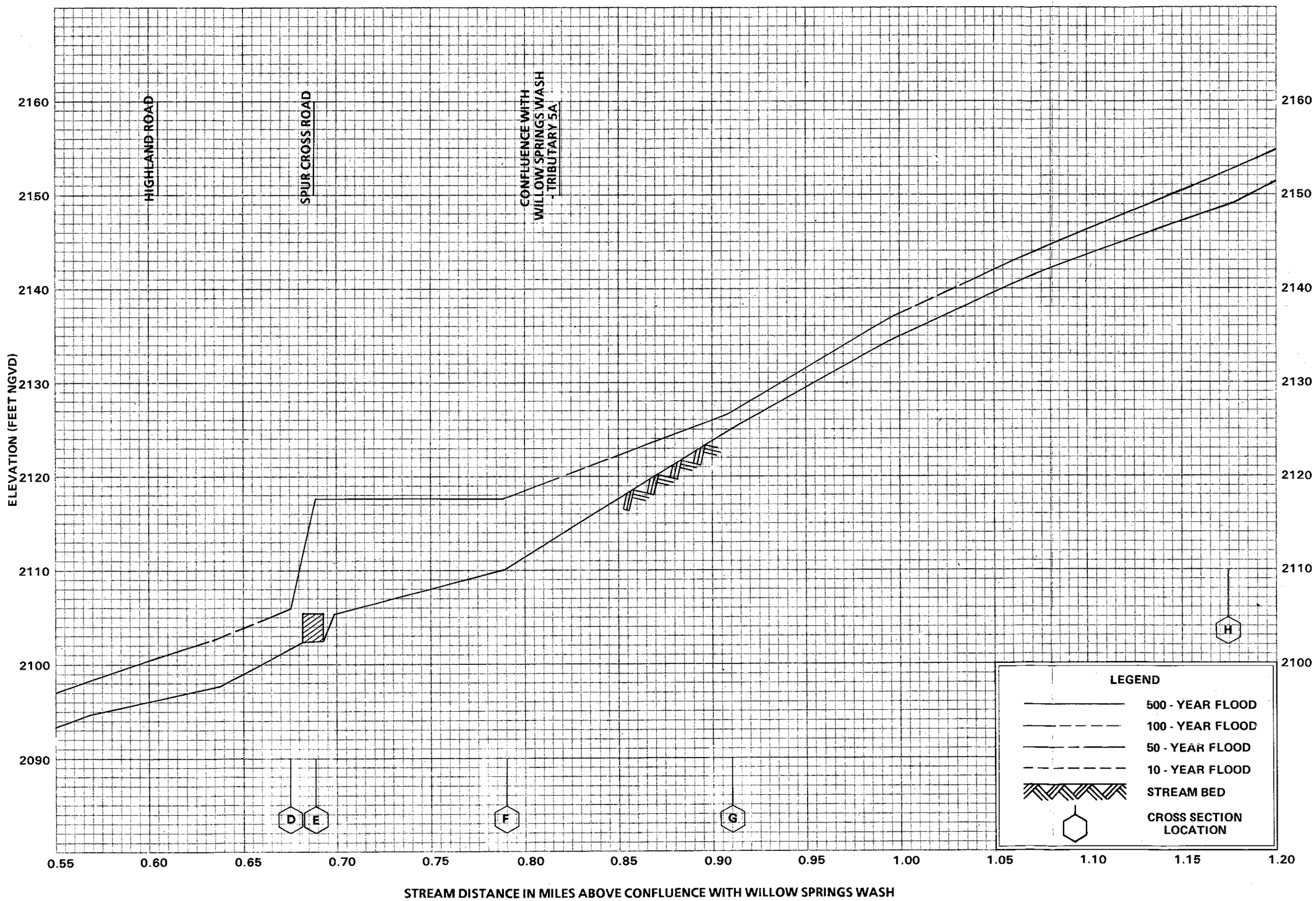
FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

575P



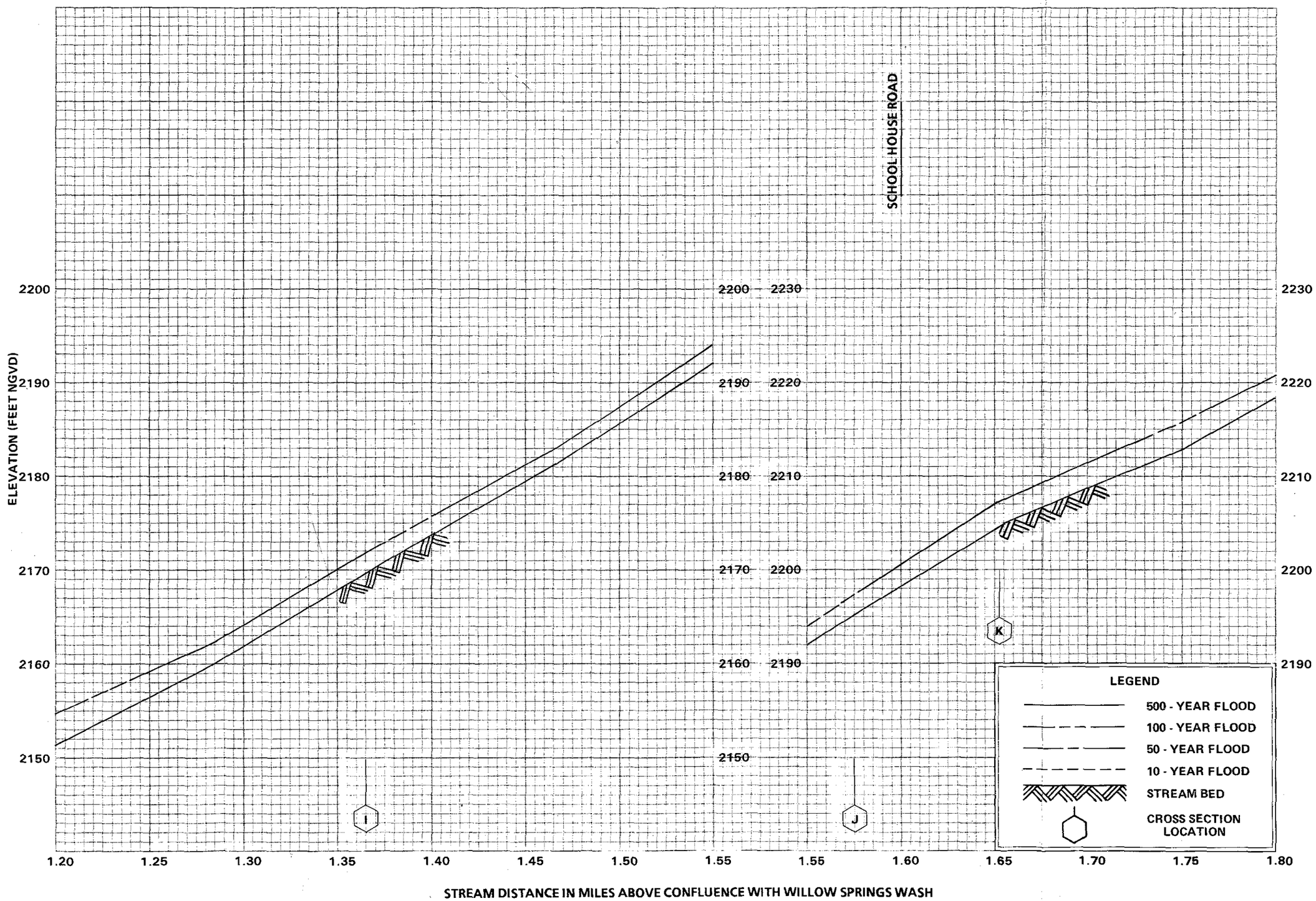
FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

576P

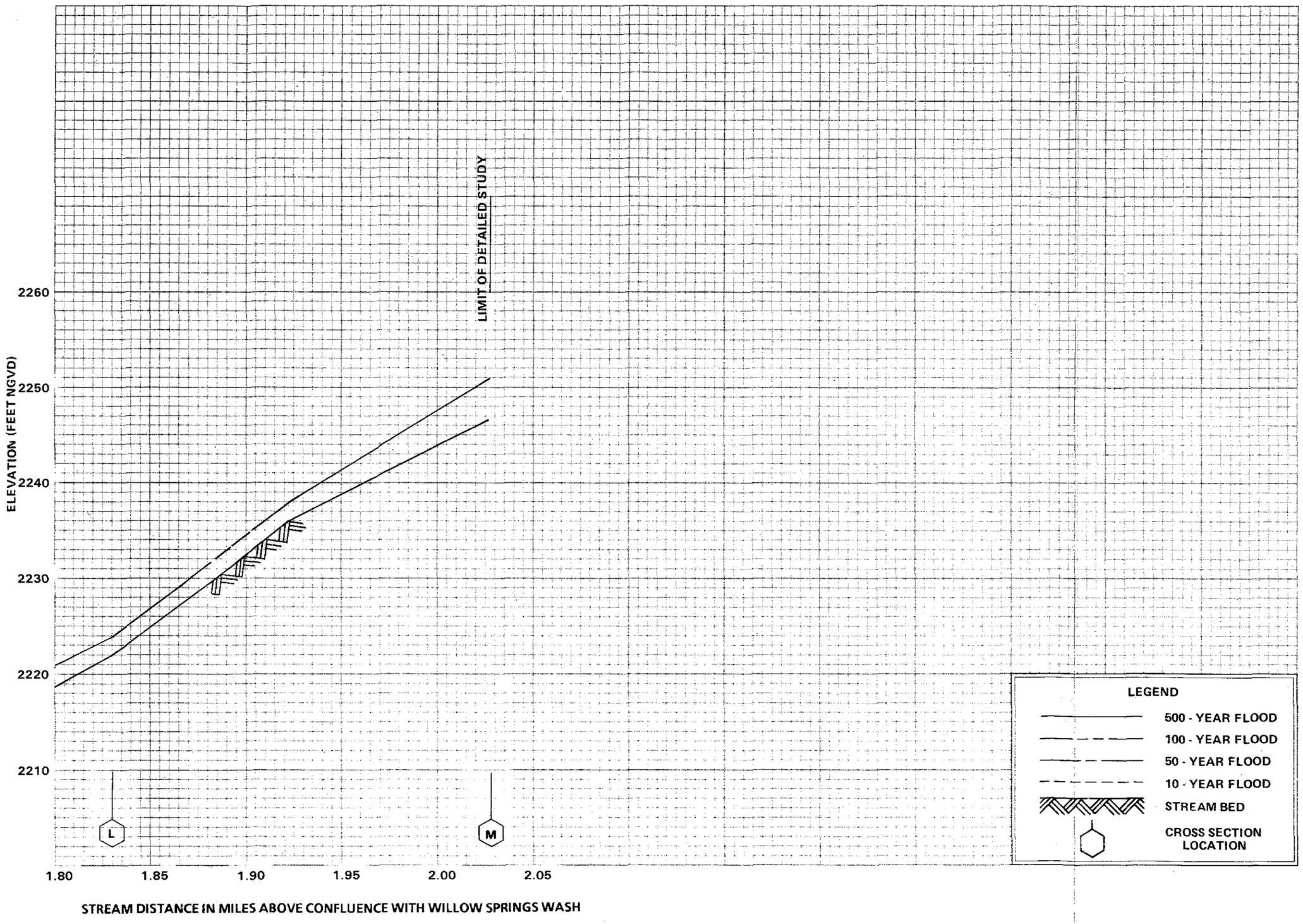


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

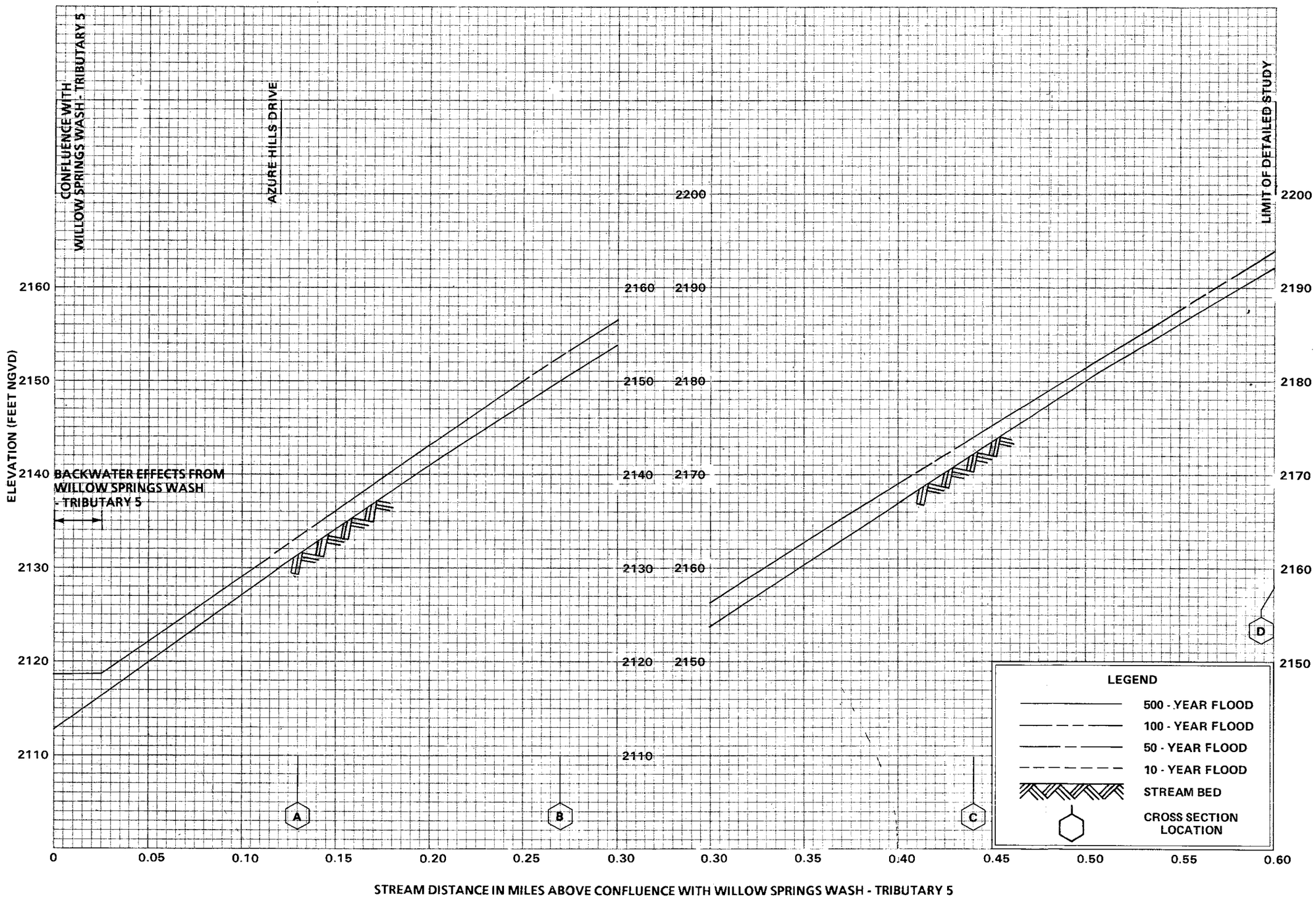


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

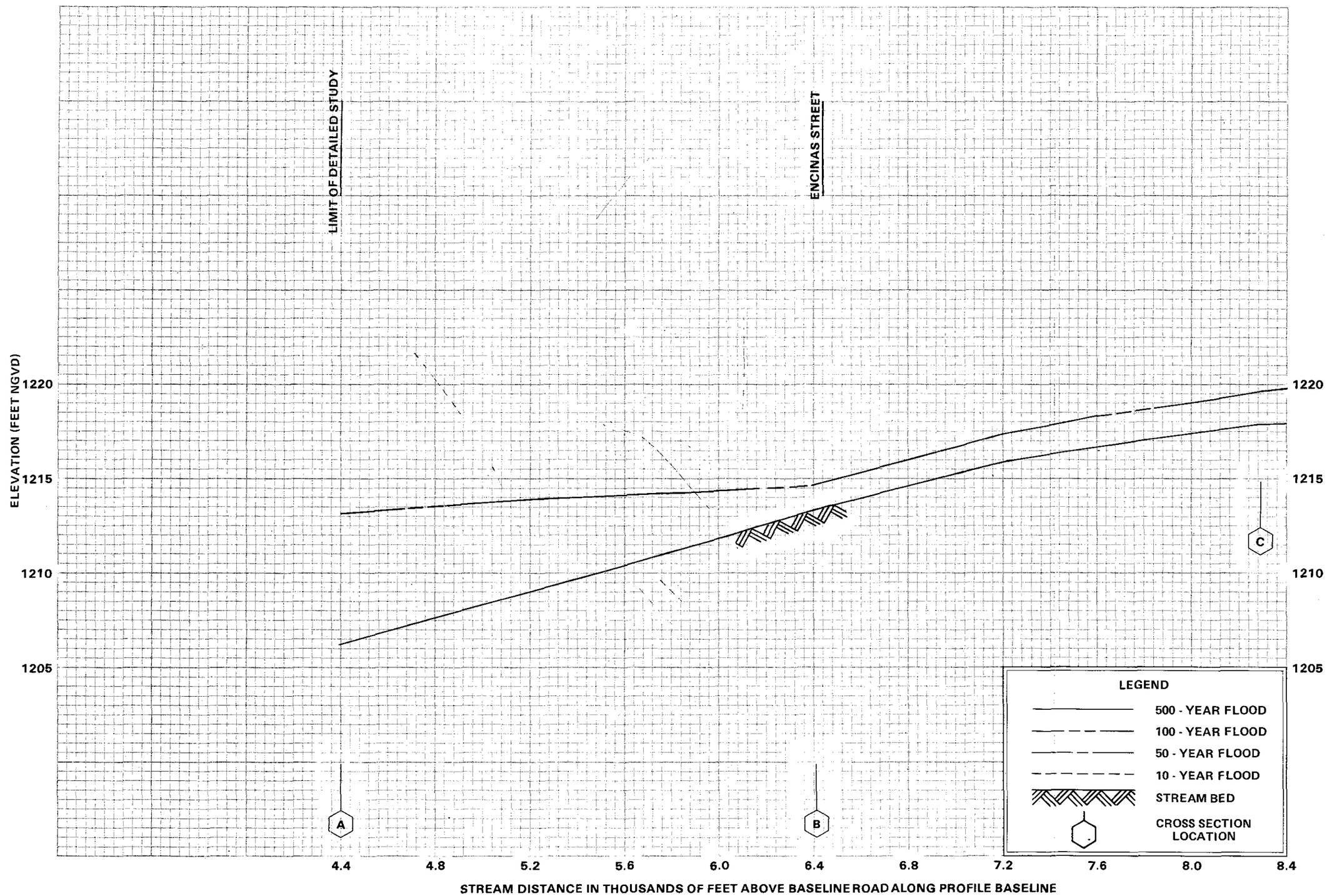


FLOOD PROFILES

WILLOW SPRINGS WASH - TRIBUTARY 5A

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



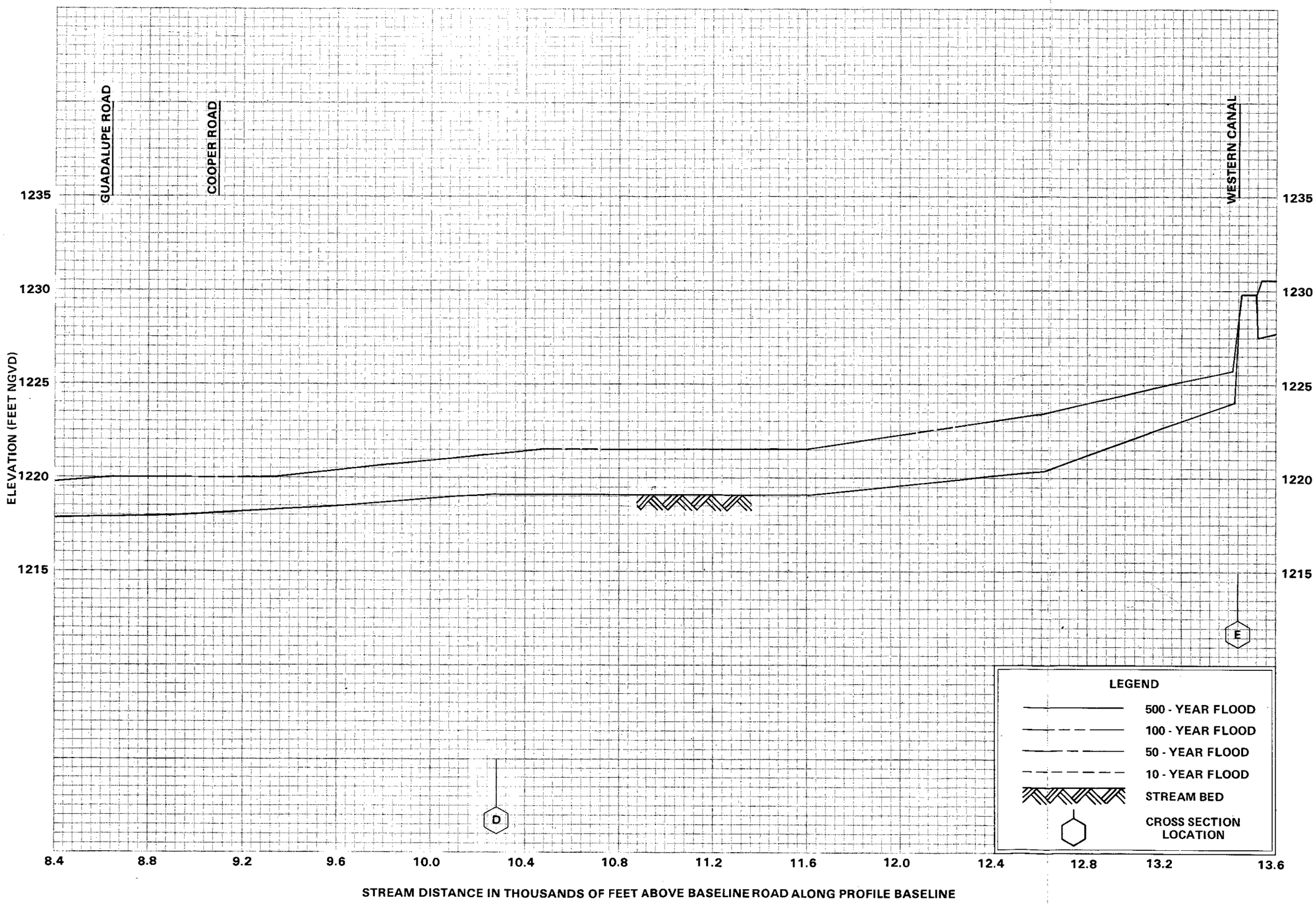
FLOOD PROFILES

SOUTHERN PACIFIC RAILROAD

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

580P



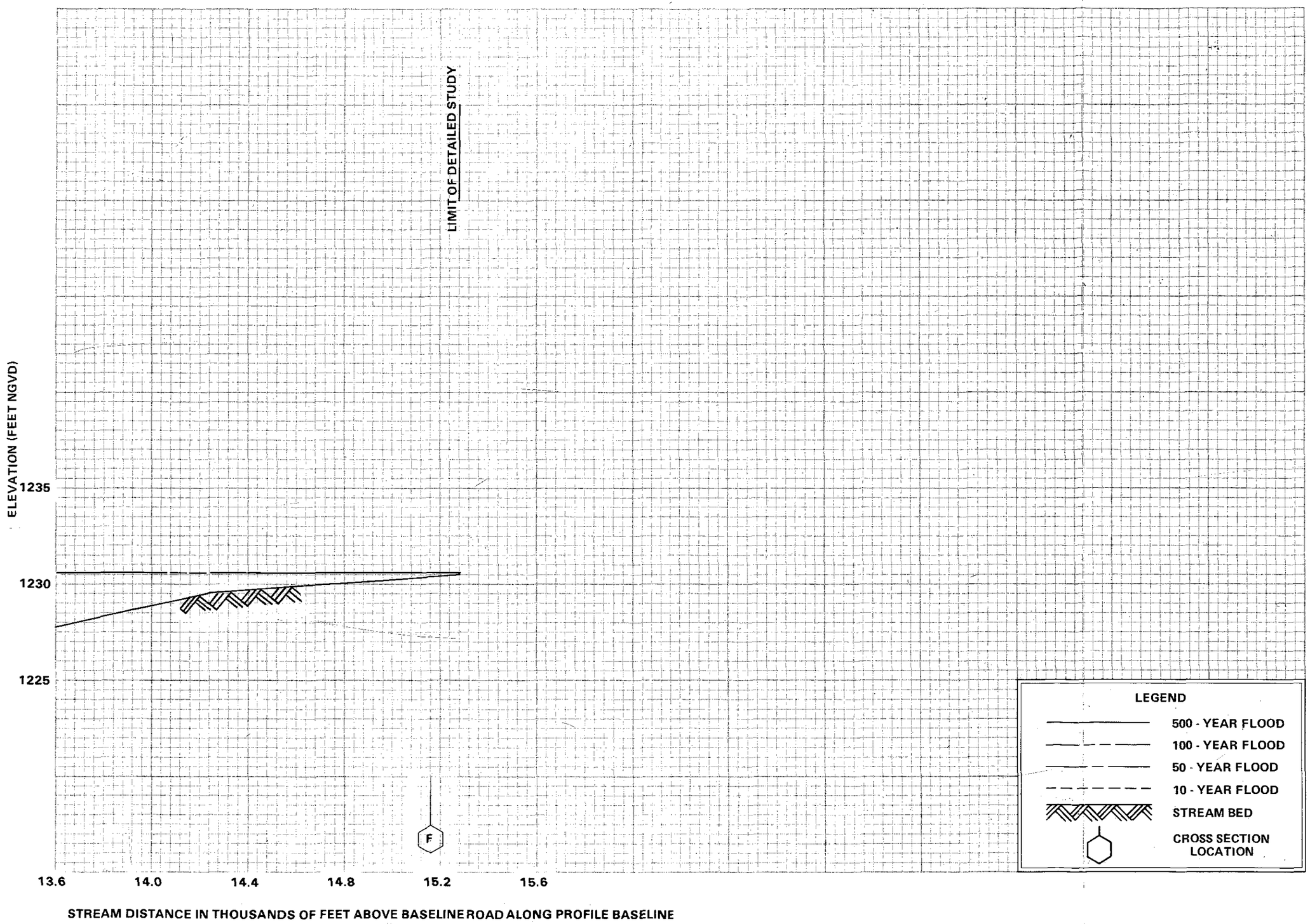
FLOOD PROFILES

SOUTHERN PACIFIC RAILROAD

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

581P



FLOOD PROFILES

SOUTHERN PACIFIC RAILROAD

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS