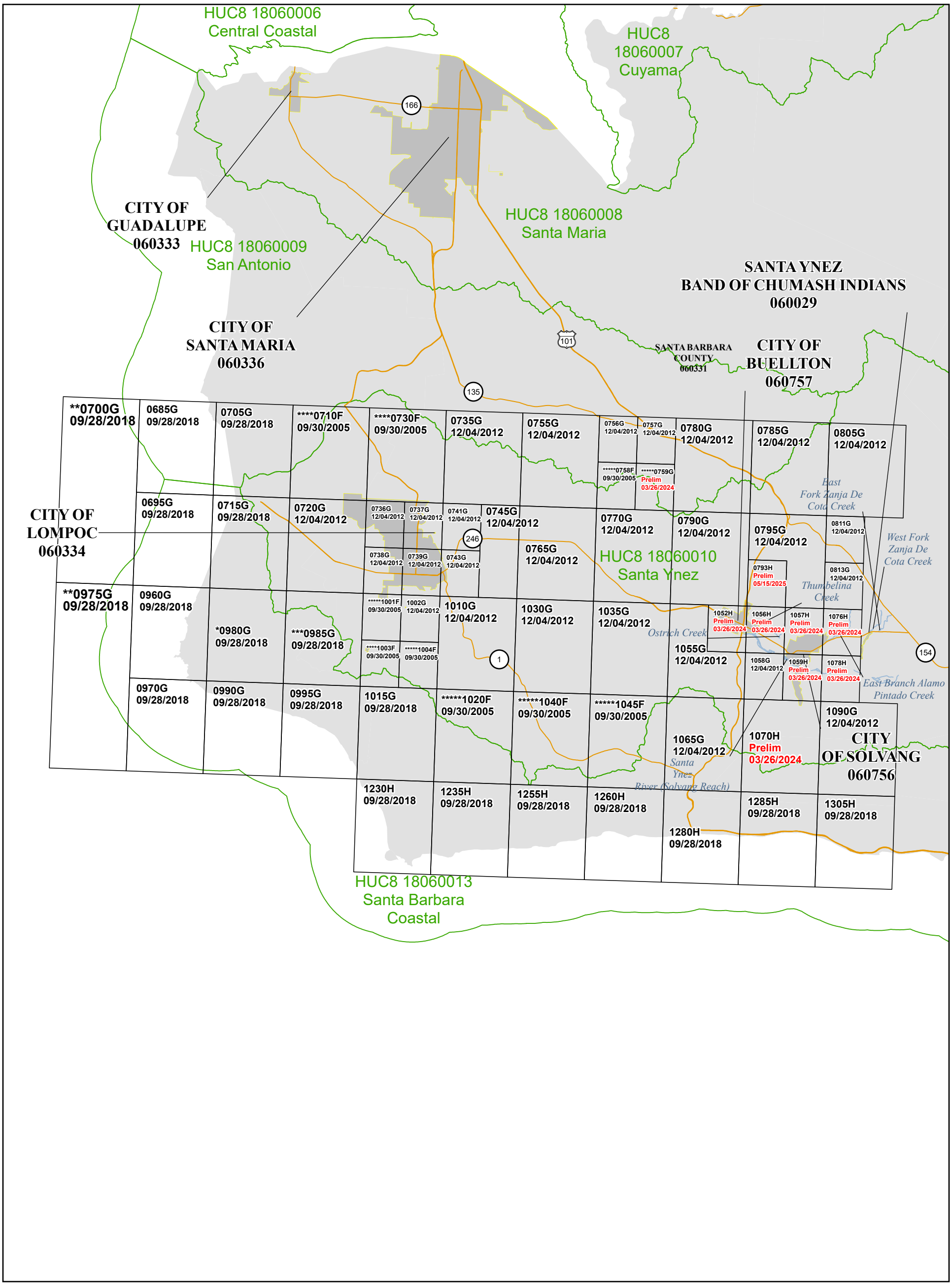


N

1 inch = 23,189 feet 1:278,272

feet

0 10,370 20,740 41,480 62,220

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - AREA IN ZONE D
**PANEL NOT PRINTED - OPEN WATER AREA
***PANEL NOT PRINTED - AREA IN ZONE D AND ZONE X
****PANEL NOT PRINTED - BASE AND FOREST IN ZONE D, REST OF PANEL IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PAGE 3 OF 7

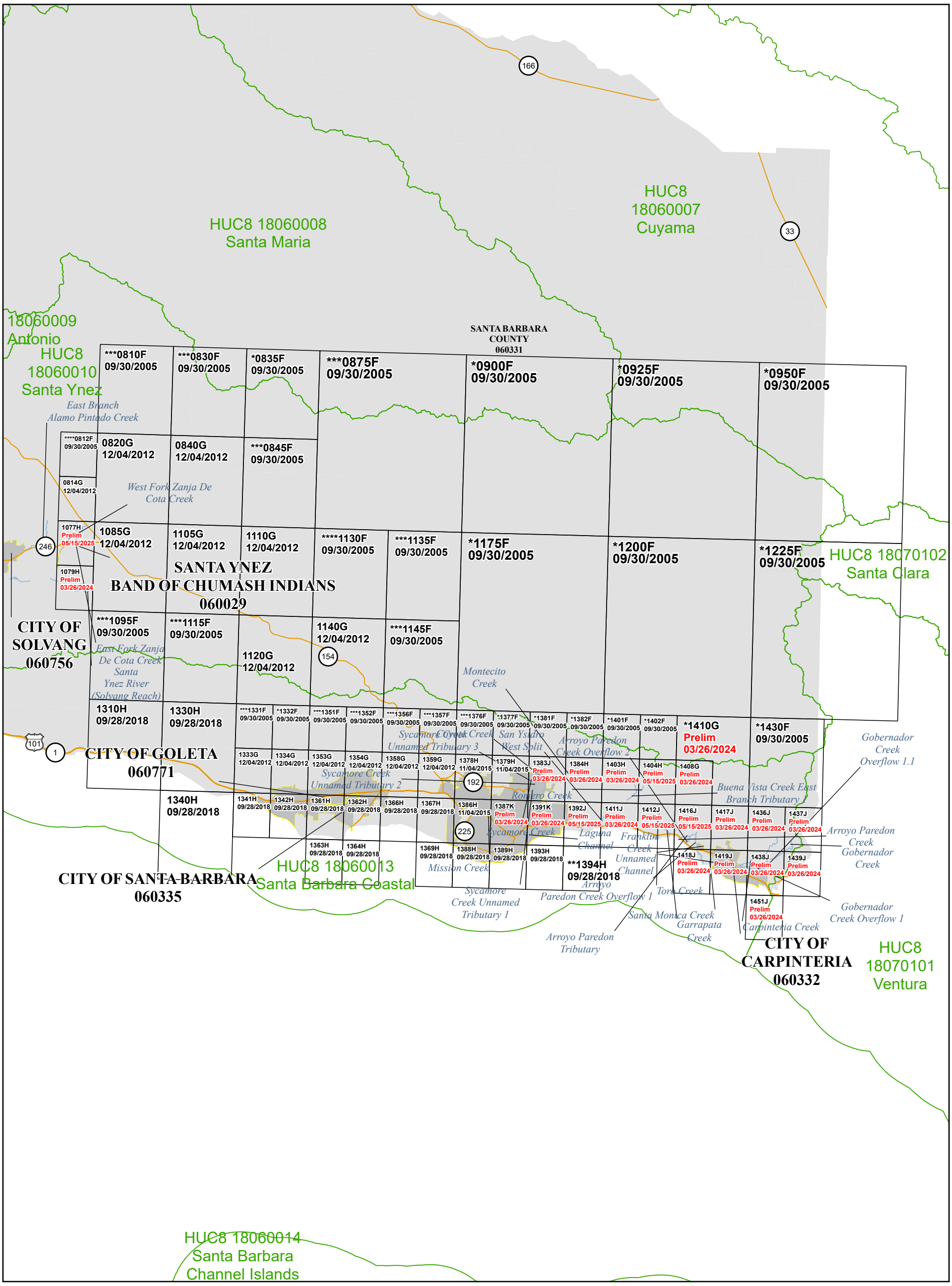
PANELS PRINTED:

0685, 0695, 0705, 0715, 0720, 0735, 0736, 0737, 0738, 0739, 0741, 0743, 0745, 0755, 0756, 0757, 0765, 0770, 0780, 0785, 0790, 0793, 0795, 0805, 0811, 0813, 0960, 0970, 0990, 0995, 1002, 1010, 1015, 1030, 1035, 1052, 1055, 1056, 1057, 1058, 1059, 1065, 1070, 1076, 1078, 1090, 1230, 1235, 1255, 1260, 1280, 1285, 1305

FEMA

MAP NUMBER
06083CIND3E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025



1 inch = 24,250 feet 1:290,998

feet
0 10,000 20,000 40,000 60,000

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

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SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - ALL ZONE D
**PANEL NOT PRINTED - OPEN WATER AREA
***PANEL NOT PRINTED - BASE AND FOREST IN ZONE D, REST OF PANEL IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PANELS PRINTED:

0814, 0820, 0840, 1077, 1079, 1085, 1105, 1110, 1120, 1140, 1310, 1330, 1333, 1334, 1340, 1341, 1342, 1353, 1354, 1358, 1359, 1361, 1362, 1363, 1364, 1366, 1367, 1369, 1378, 1379, 1383, 1384, 1386, 1387, 1388, 1389, 1391, 1392, 1393, 1403, 1404, 1408, 1411, 1412, 1416, 1417, 1418, 1419, 1436, 1437, 1438, 1439, 1451

FEMA

MAP NUMBER
06083CIND4E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

120°10'0"W

34° 39'22.52" N,
120° 11'15.04" W

34° 39'22.52" N,
120° 9'22.54" W

ZONE A

ZONE A

ZONE AE

Santa Barbara County
Unincorporated Areas
060331

City of Buellton
060757

34° 37'30.02" N,
120° 11'15.04" W

34° 37'30.02" N,
120° 9'22.54" W

34°38'0"N

120°10'0"W

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

N

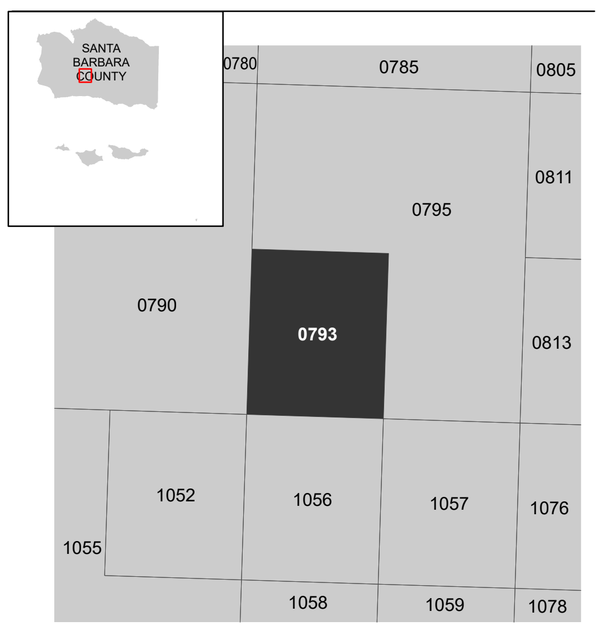
1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR



FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

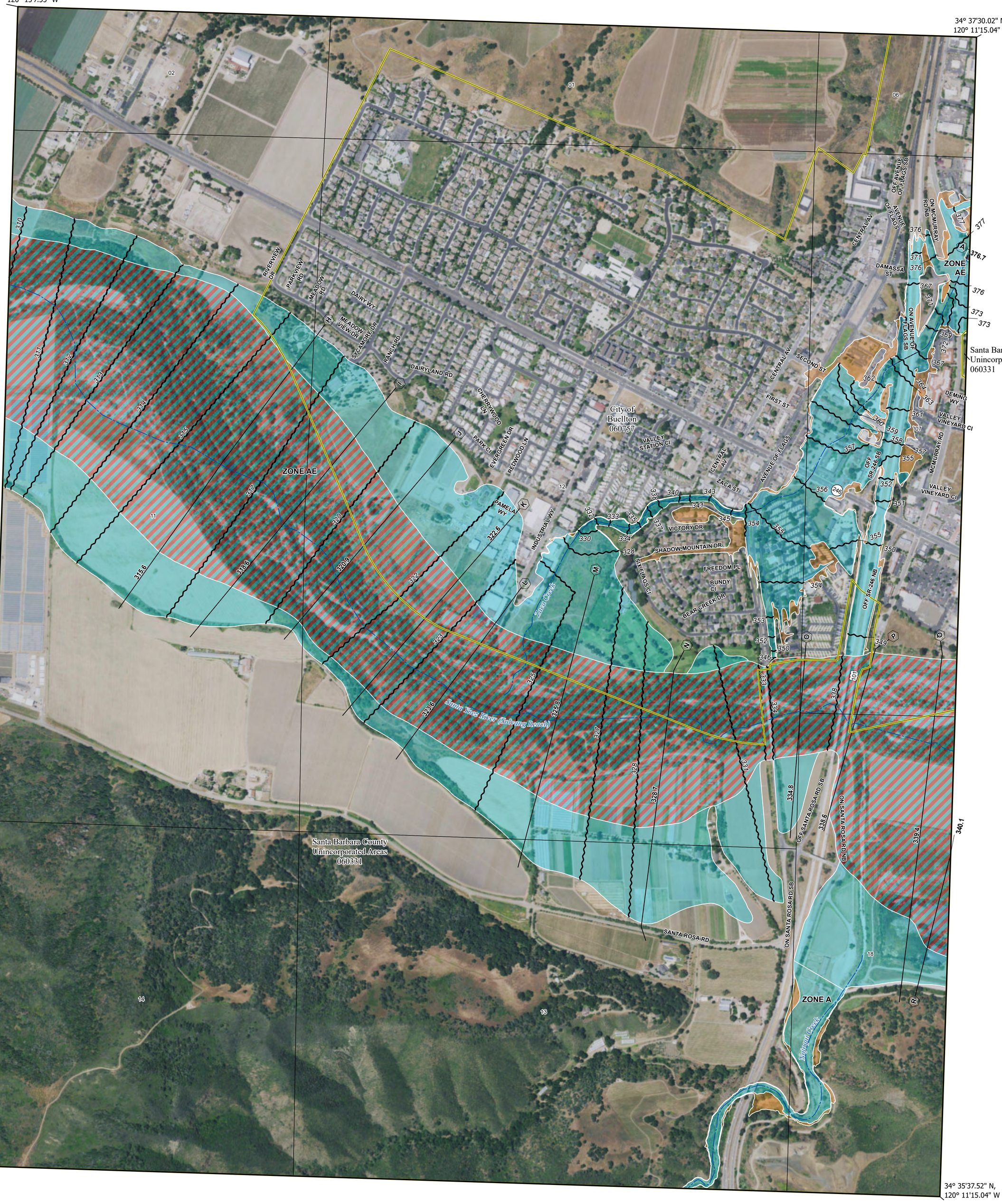
COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	0793	H
CITY OF BUELLTON	060757	0793	H

MAP NUMBER
06083C0793H
EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

120°12'0"W

34° 37'30.02" N,
120° 13'7.55" W

34° 37'30.02" N,
120° 11'15.04" W



34° 35'37.52" N,
120° 13'7.55" W

34° 35'37.52" N,
120° 11'15.04" W

34°36'0"N

120°12'0"W

USGS, USDA

FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

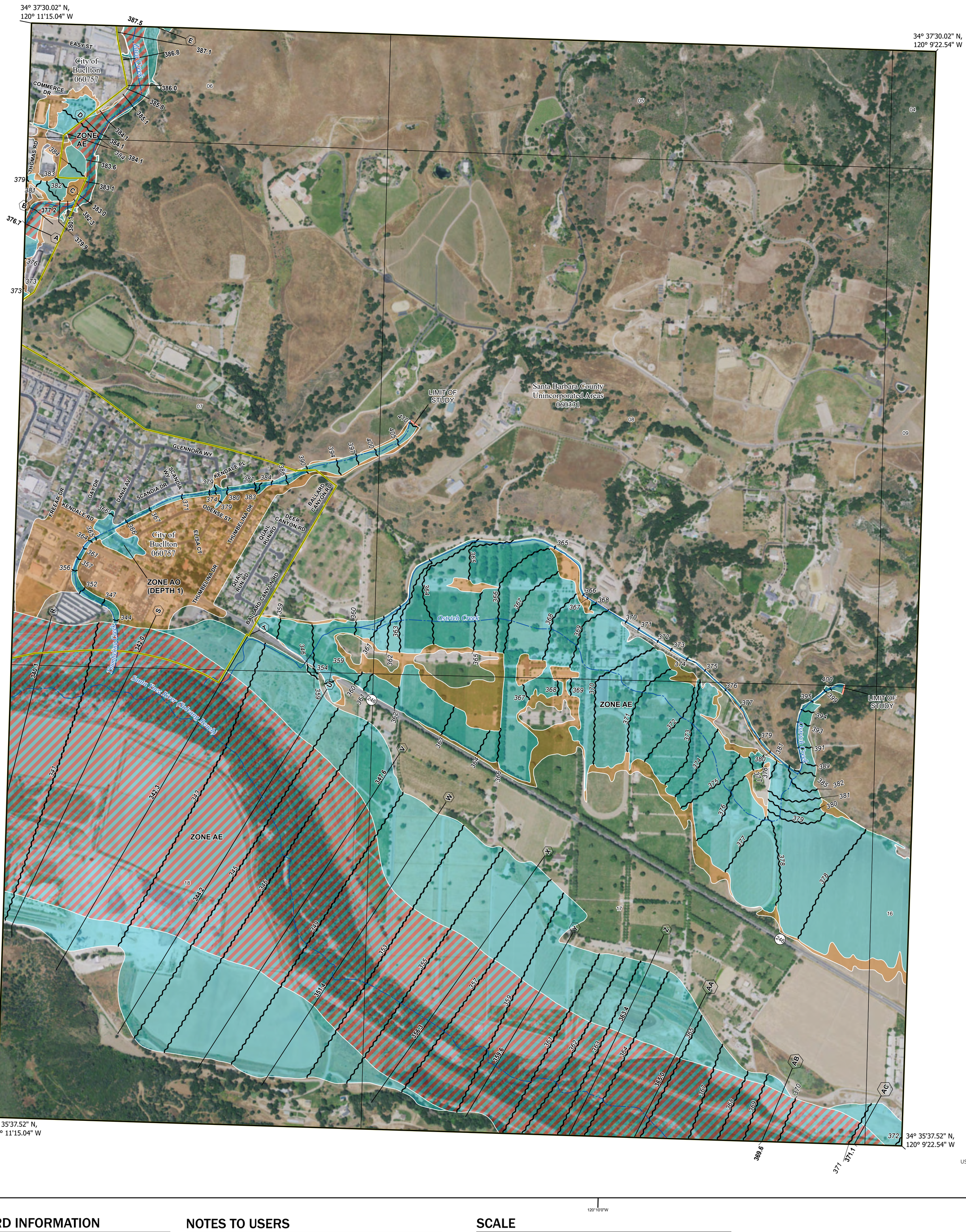
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF BUELLTON	060757	1052	H
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1052	H

MAP NUMBER
06083C1052H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF BUELLTON	060757	1056	H
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1056	H

MAP NUMBER
06083C1056H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

120°8'0"W

34° 37'30.02" N,
120° 9'22.54" W

34° 37'30.02" N,
120° 7'30.04" W

34°36'0"N

34° 35'37.52" N,
120° 9'22.54" W

34° 35'37.52" N,
120° 7'30.04" W

120°8'0"W

USGS, USDA

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

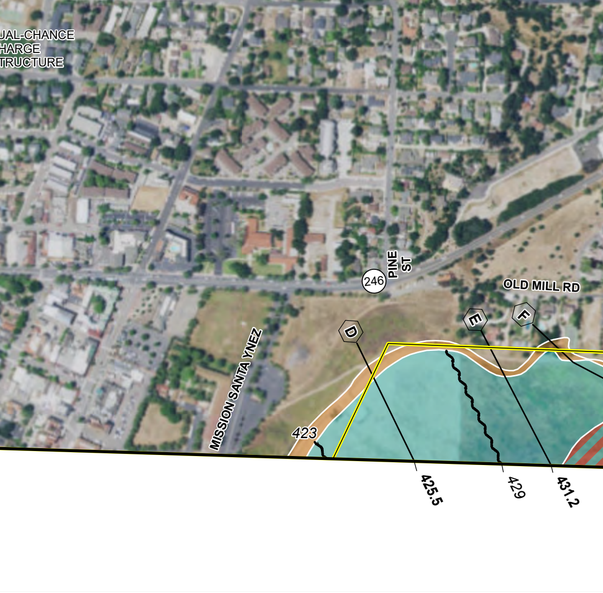
1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR



*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

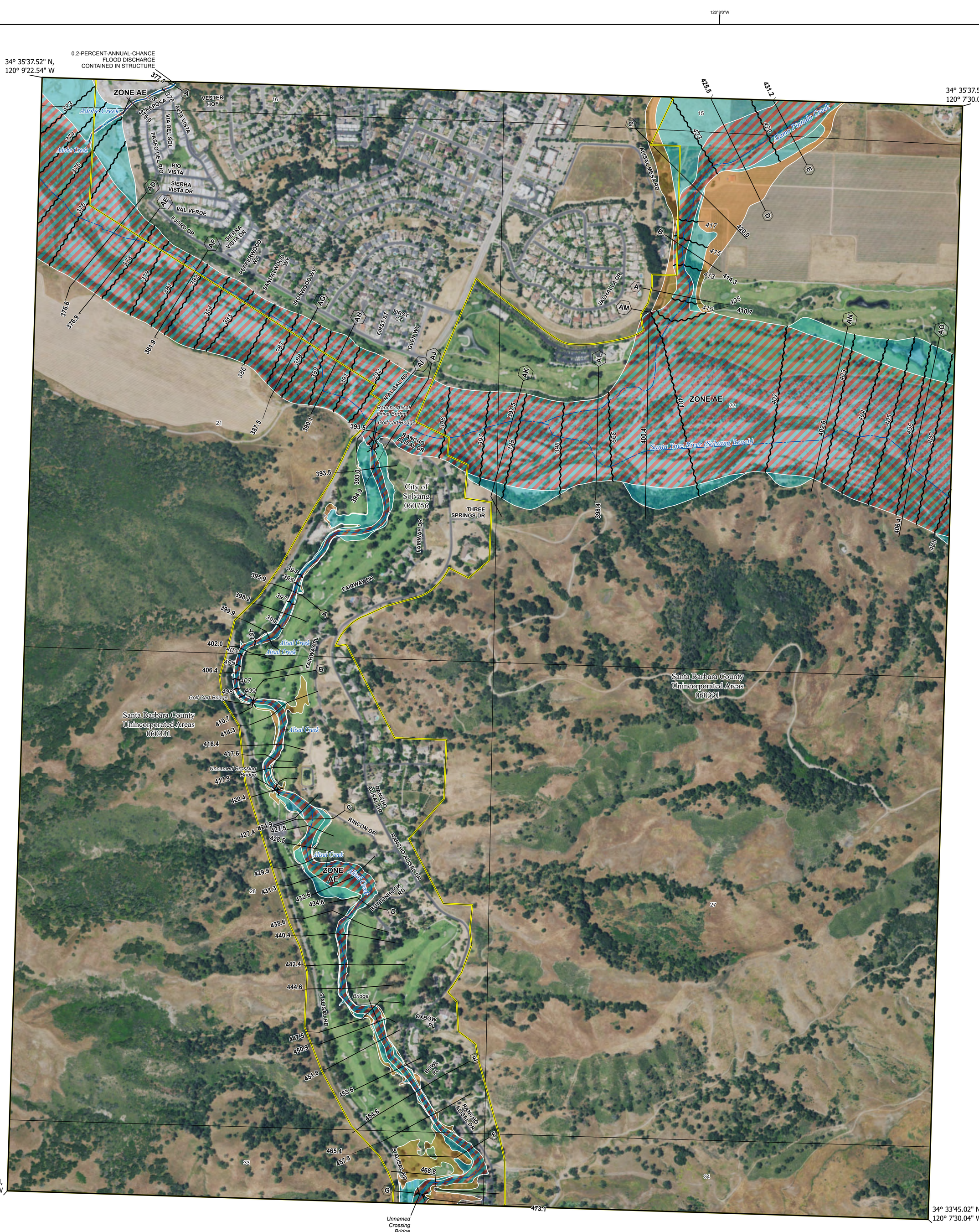
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF SOLVANG	060756	1057	H
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1057	H

MAP NUMBER
06083C1057H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

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- Regulatory Floodway

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- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
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OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
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- Coastal Transect Baseline
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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

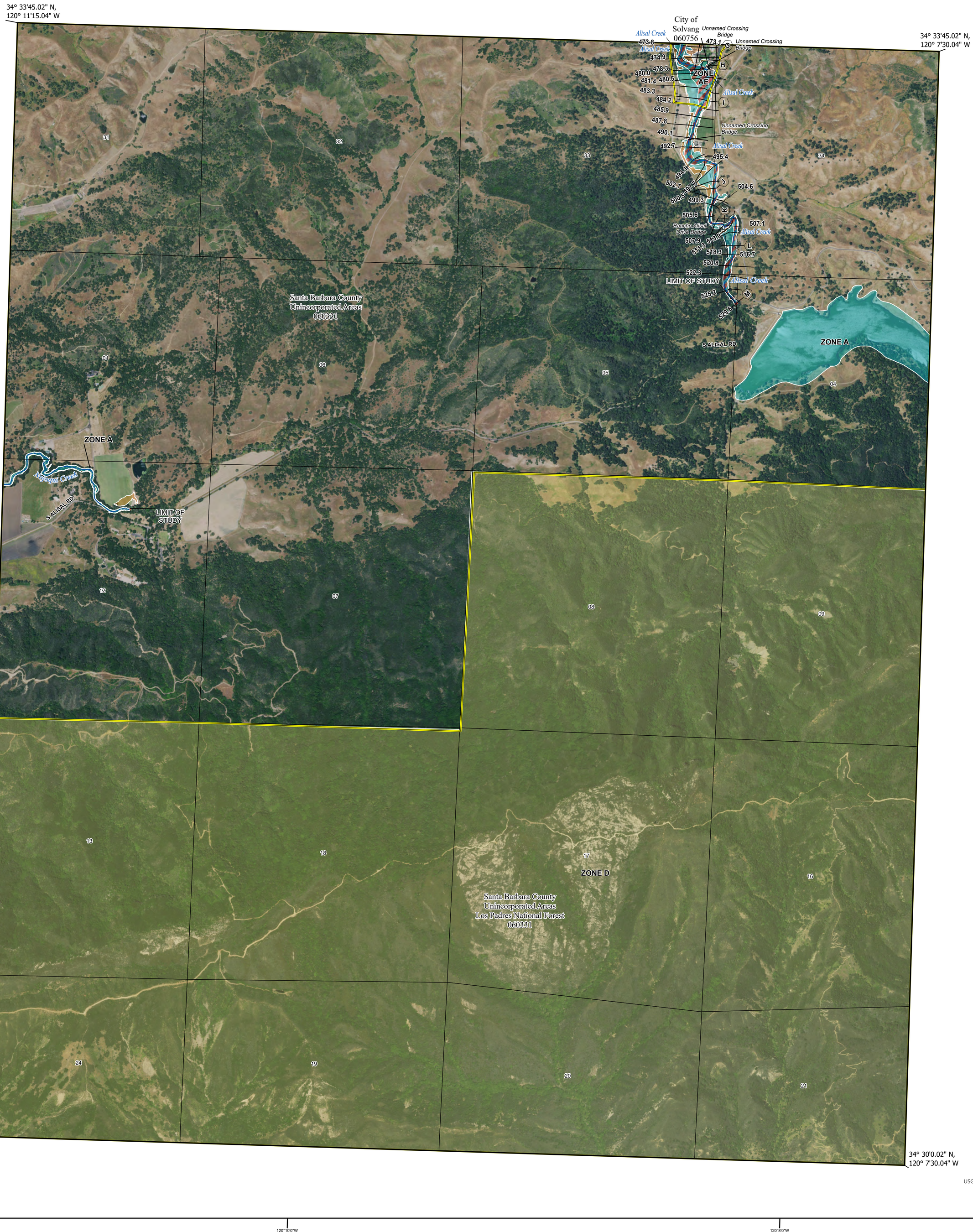
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF SOLVANG	060756	1059	H
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1059	H

MAP NUMBER
06083C1059H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

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- Levee, Dike, or Floodwall

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- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
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SCALE

N

1 inch = 1,000 feet 1:12,000

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

0 105 210 420 630 840 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1070	H
CITY OF SOLVANG	060756	1070	H

MAP NUMBER
06083C1070H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

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

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SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF SOLVANG	060756	1076	H
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1076	H
SANTA YNEZ BAND OF CHUMASH INDIANS	060029	1076	H

MAP NUMBER
06083C1076H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

N

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

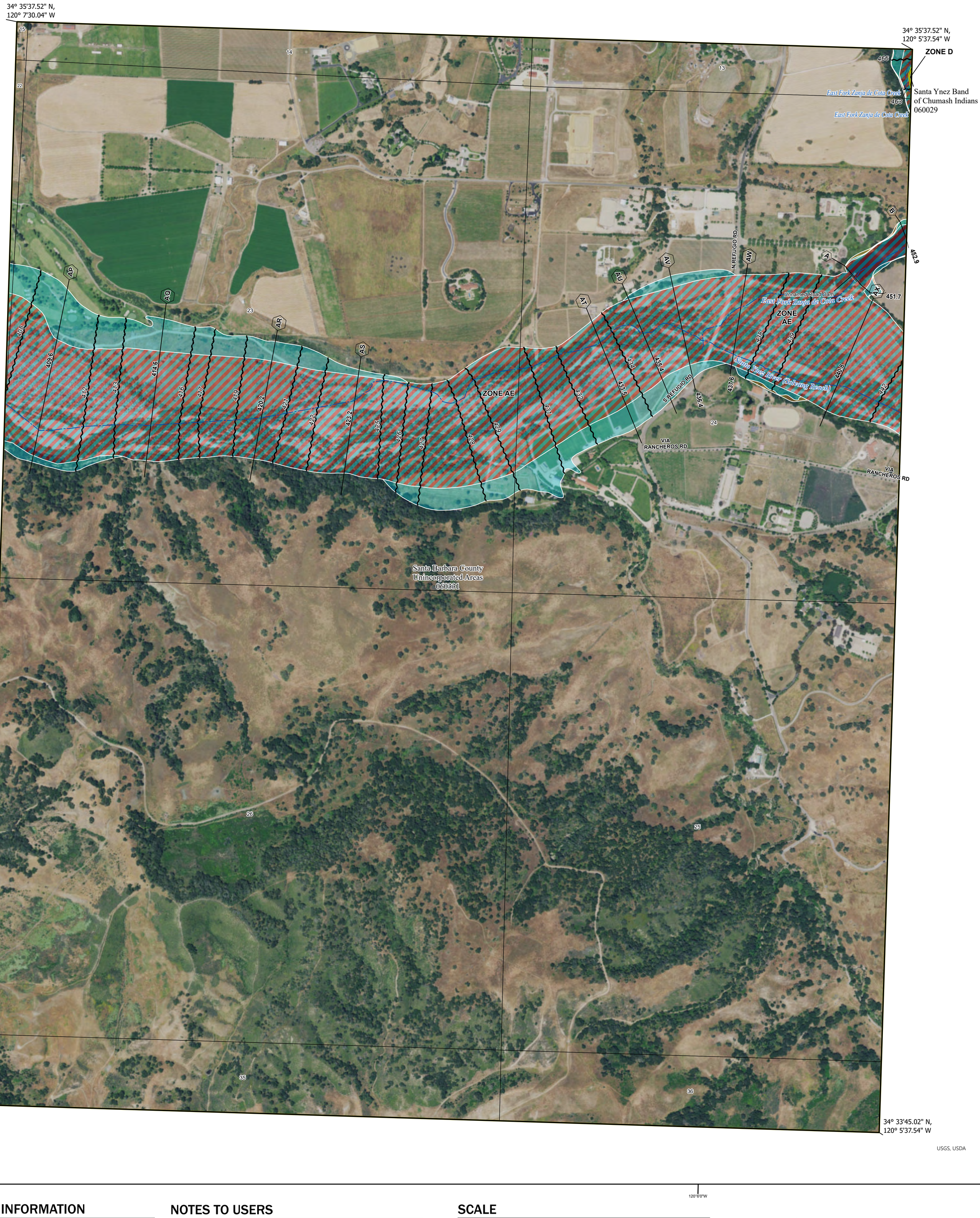
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1077	H
SANTA YNEZ BAND OF CHUMASH INDIANS	060029	1077	H

MAP NUMBER
06083C1077H
EFFECTIVE DATE
Prelim Issue Date: 05/15/2025



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
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GENERAL STRUCTURES
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- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
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SCALE

N

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

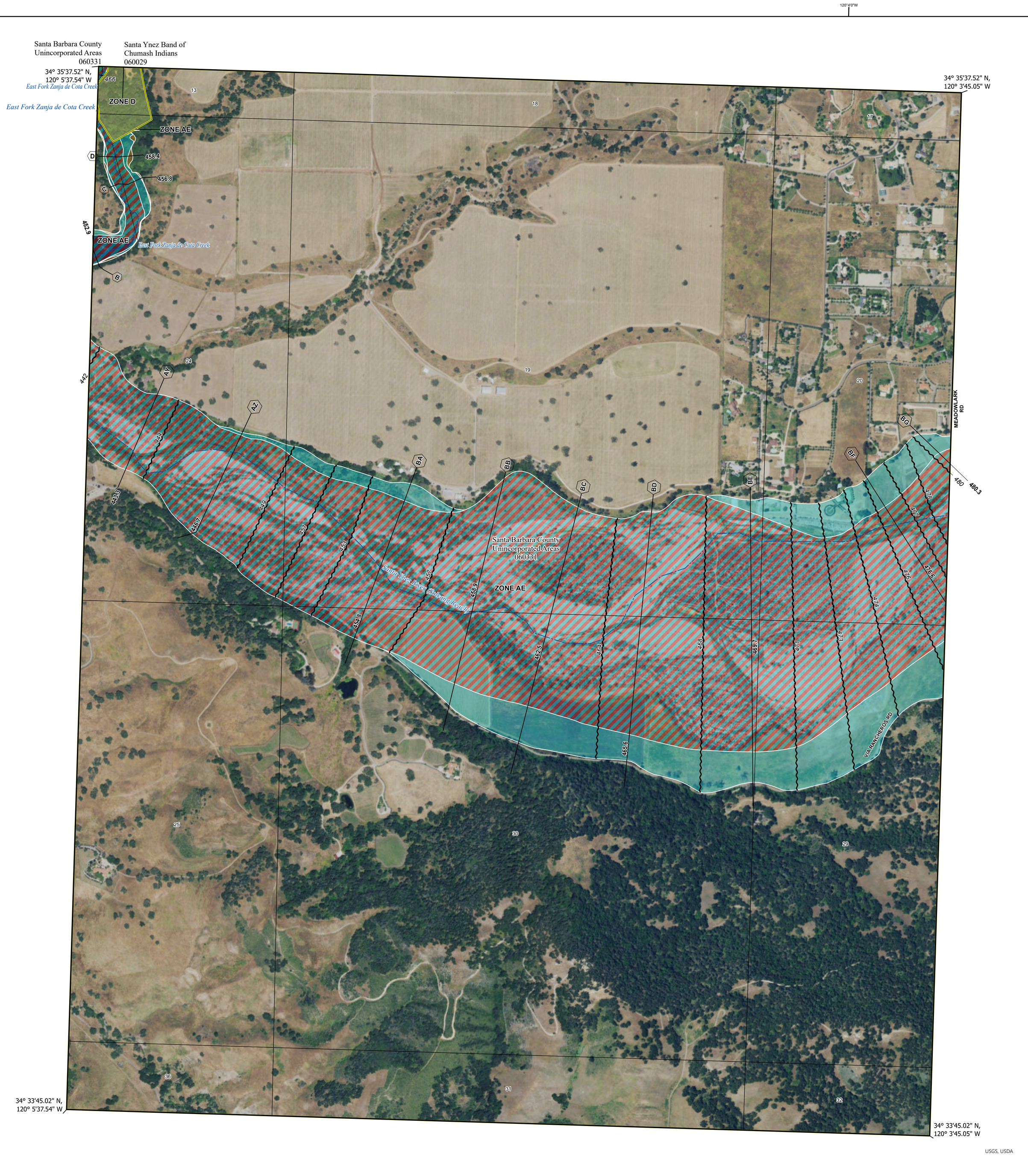
SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1078	H
SANTA YNEZ BAND OF CHUMASH INDIANS	060029	1078	H

MAP NUMBER
06083C1078H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
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- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
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- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

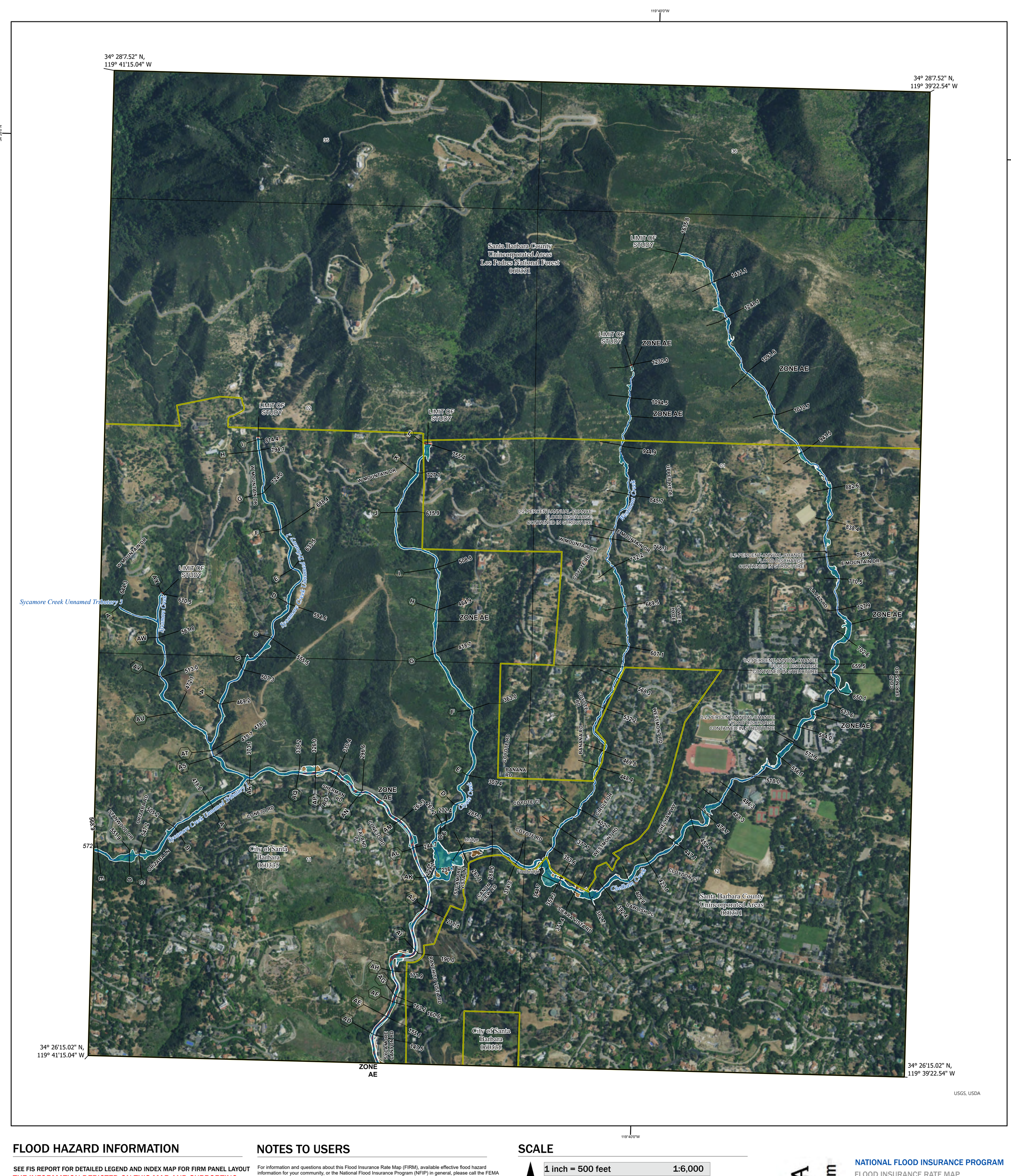
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1079	H
SANTA YNEZ BAND OF CHUMASH INDIANS	060029	1079	H

MAP NUMBER
06083C1079H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

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GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
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OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
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- Limit of Study
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SCALE

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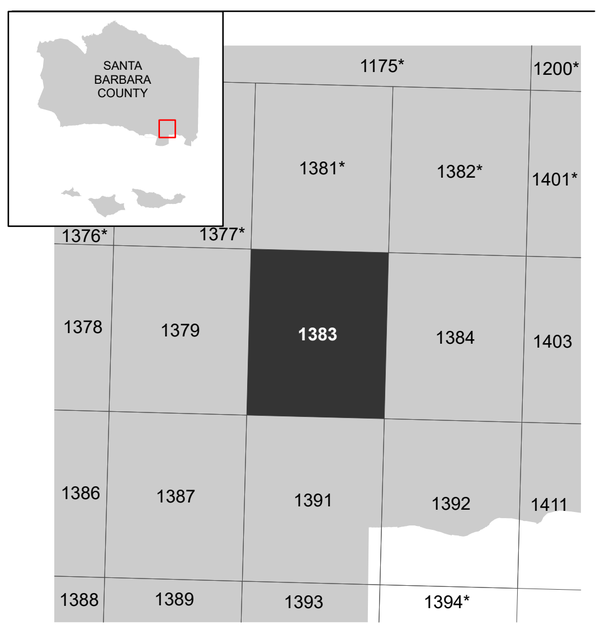
0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR



*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1383	J
CITY OF SANTA BARBARA	060335	1383	J

MAP NUMBER
06083C1383J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS
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OTHER AREAS OF FLOOD HAZARD
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- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

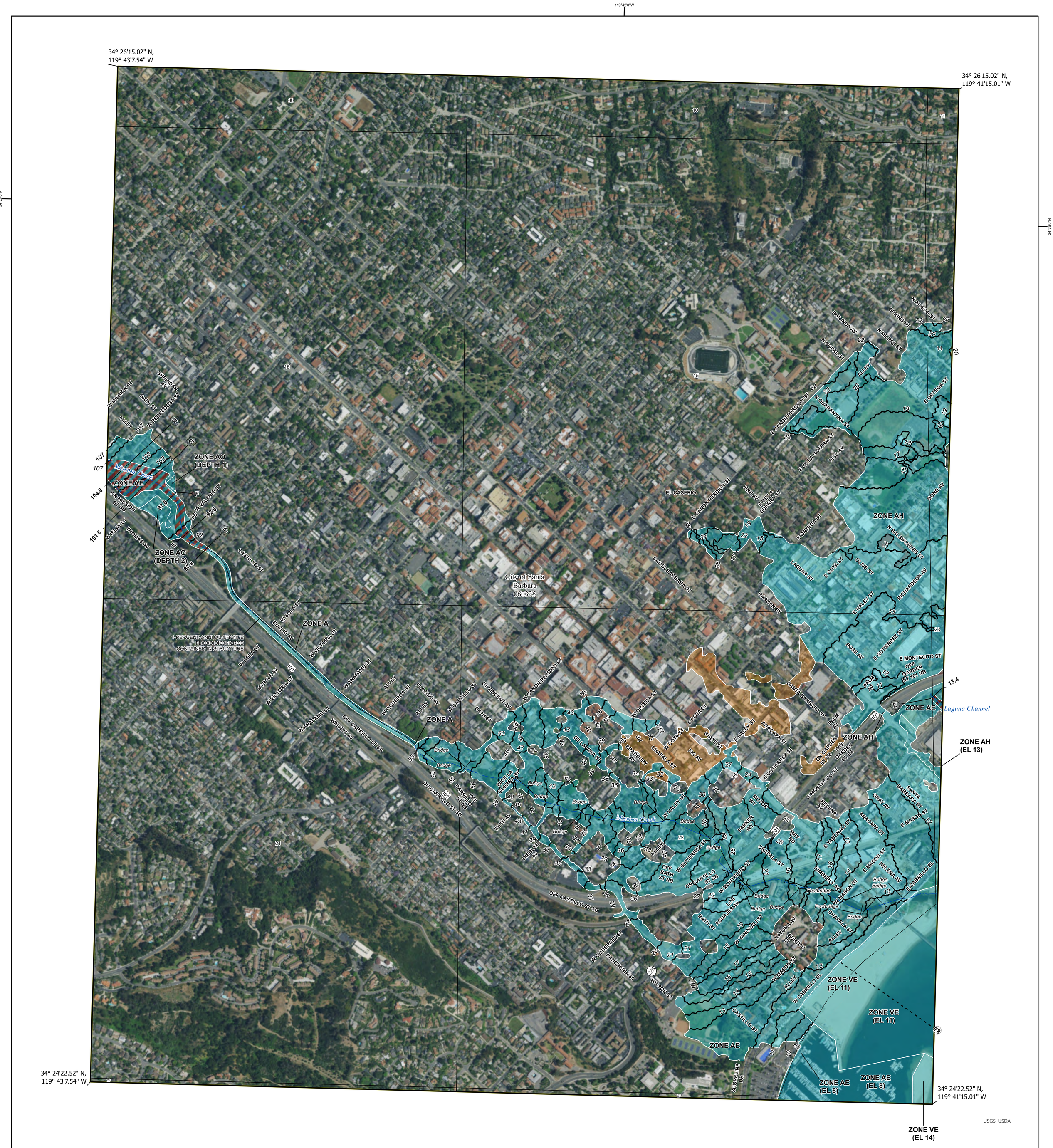
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1384	H

MAP NUMBER
06083C1384H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

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GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
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SCALE

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF SANTA BARBARA	060335	1387	K

MAP NUMBER
06083C1387K
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

USGS, USDA

FLOOD HAZARD INFORMATION

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OTHER AREAS

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GENERAL STRUCTURES

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- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
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- Coastal Transect Baseline
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- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
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- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available effective flood hazard information for your community, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Mapping and Insurance Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at https://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be downloaded from the website. Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be acquired directly from the Flood Map Service Center at the website listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

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

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Note: Some Special Flood Hazard Areas with elevations may not appear with elevation labels if the Base Flood Elevation or Cross-section line which communicates the elevation for the location appears on the adjacent panel. Please see the Panel Locator Diagram on this map panel to determine the adjacent panel and find the elevation feature there, or alternatively use the Flood Insurance Study report for detailed elevations by flood source.

SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF SANTA BARBARA	060335	1391	K
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1391	K

MAP NUMBER
06083C1391K
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

USGS, USDA

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

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

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SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF SANTA BARBARA	060335	1392	J
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1392	J

MAP NUMBER
06083C1392J
EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

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

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SCALE

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

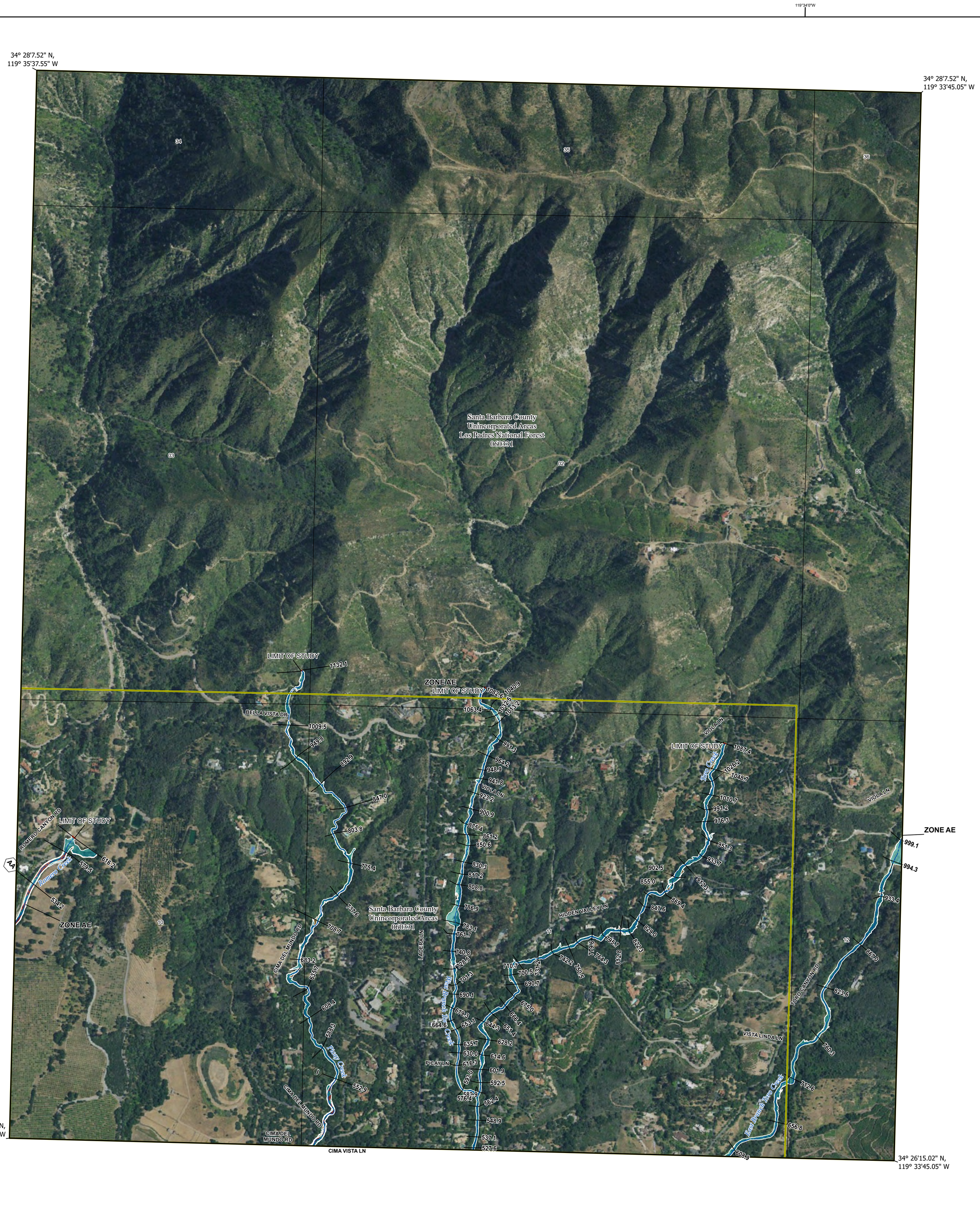
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1403	H

MAP NUMBER
06083C1403H
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1404	H

MAP NUMBER
06083C1404H
EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

N

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1408	G

MAP NUMBER
06083C1408G
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

N

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1411	J

MAP NUMBER
06083C1411J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

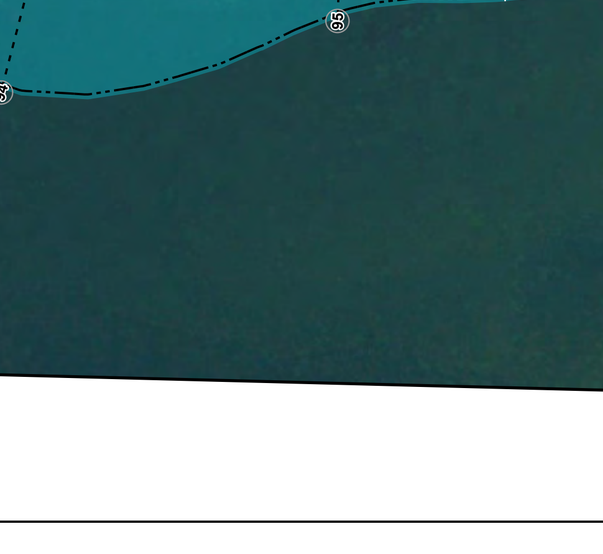
1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR



*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1412	J

MAP NUMBER
06083C1412J
EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1416	J
CITY OF CARPINTERIA	060332	1416	J

MAP NUMBER
06083C1416J
EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

119°32'0"W

119°30'0"W

34°26'0"N

34° 26'15.02" N,
119° 31'52.54" W

34° 26'15.02" N,
119° 30'0.04" W

119°32'0"W

119°30'0"W

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

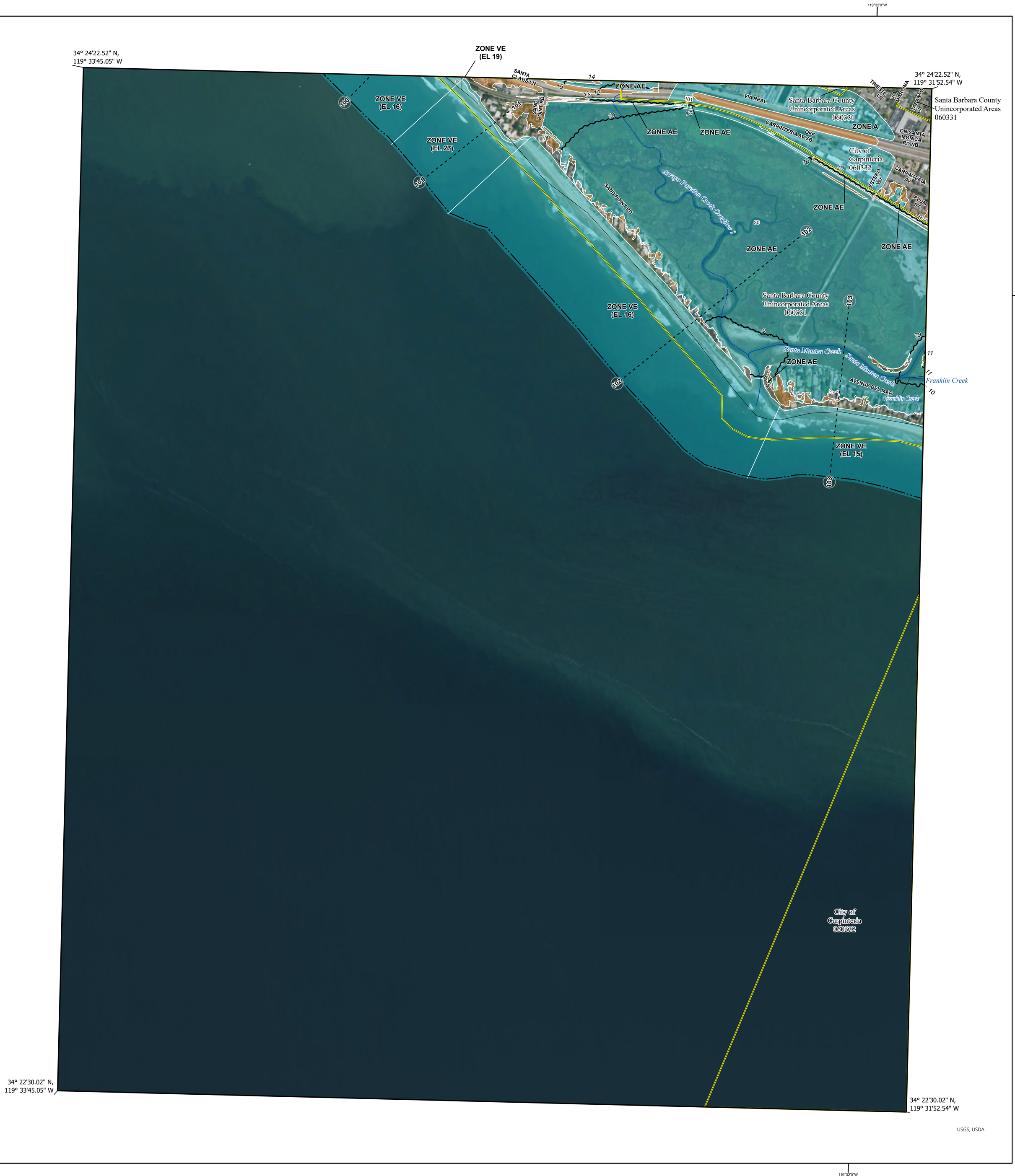
SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF CARPINTERIA	060332	1417	J
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1417	J

MAP NUMBER
06083C1417J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

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SCALE

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

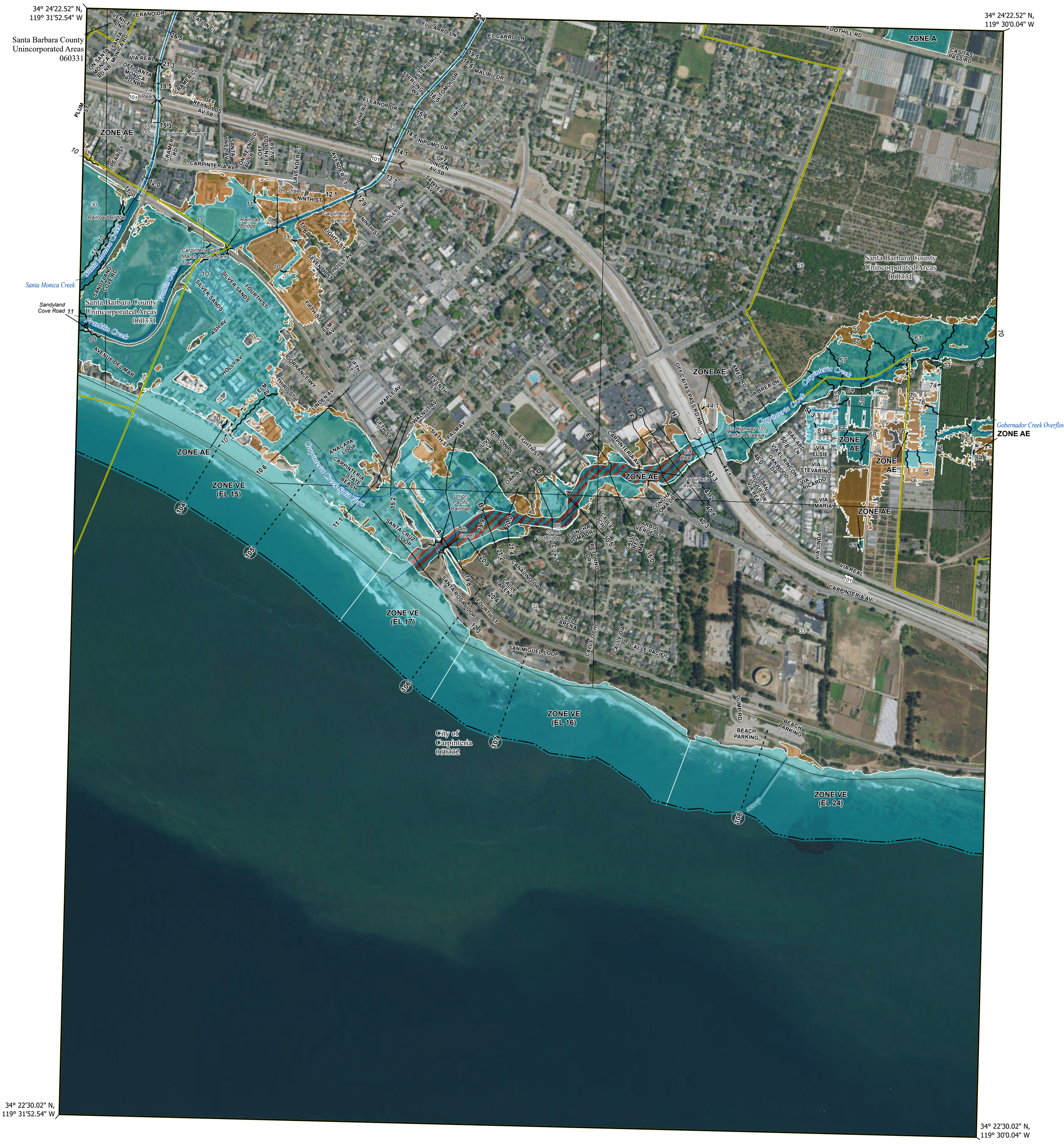
FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF CARPINTERIA	060332	1418	J
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1418	J

MAP NUMBER
06083C1418J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



USGS, USDA

FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
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- 513 Base Flood Elevation Line (BFE)
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SCALE

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF CARPINTERIA	060332	1419	J
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1419	J

MAP NUMBER
06083C1419J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

119°30'0"W

119°28'0"W

34°26'0"N

34°26'15.02" N,
119° 30'0.04" W

34° 26'15.02" N,
119° 28'7.54" W

09

10

11

16

15

14

Santa Barbara County
Unincorporated Areas
Los Padres National Forest
060331

LIMIT OF STUDY

ZONE AE

345

334

320

Carpinteria Creek

300

286

276

264

256

248

Carpinteria Creek

Pinkham Crossing

232

222

240

248

216

Circle G

204

194

168

ZONE AE

Gobernador Creek

Gobernador Creek

21

22

23

26

27

28

Santa Barbara County
Unincorporated Areas
060331

ZONE A

34° 24'22.52" N,
119° 30'0.04" W

34° 24'22.52" N,
119° 28'7.54" W

USGS, USDA

119°30'0"W

119°28'0"W

FLOOD HAZARD INFORMATION

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SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

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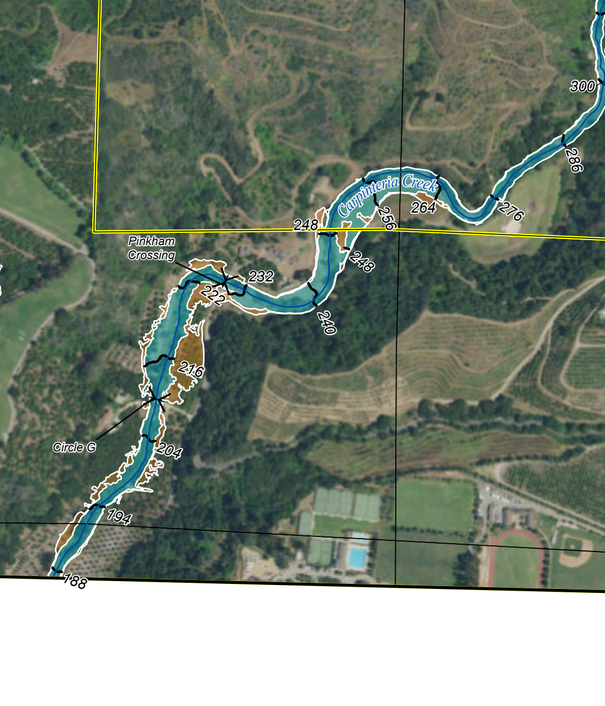
0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR



*PANEL NOT PRINTED

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1436	J

MAP NUMBER
06083C1436J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

119°28'0"W

34° 26'15.02" N,
119° 28'7.54" W

34° 26'15.02" N,
119° 26'15.04" W

34°26'0"N

11 12 13 14 23 24 25 26

Santa Barbara County
Unincorporated Areas
Los Padres National Forest
060331

LIMIT OF STUDY

472 464 458 448 436 426 416 408 398 390 378 358 347 336 326 314 318 340 320 328 306 304 298 302 312 320 336 358 378

GOB 500 private Bridge

Fish ladder GOB 700

ZONE AE

Gobernador Creek

Gobernador Creek
GOB 300 private Bridge

34° 24'22.52" N,
119° 28'7.54" W

34° 24'22.52" N,
119° 26'15.04" W

USGS, USDA

119°28'0"W

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

N

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1437	J

MAP NUMBER
06083C1437J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

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SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

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SCALE

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF CARPINTERIA	060332	1438	J
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1438	J

MAP NUMBER
06083C1438J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD HAZARD INFORMATION

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- Without Base Flood Elevation (BFE) *Zone A, V, A99*
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OTHER AREAS OF FLOOD HAZARD
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SCALE

N

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0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

*PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

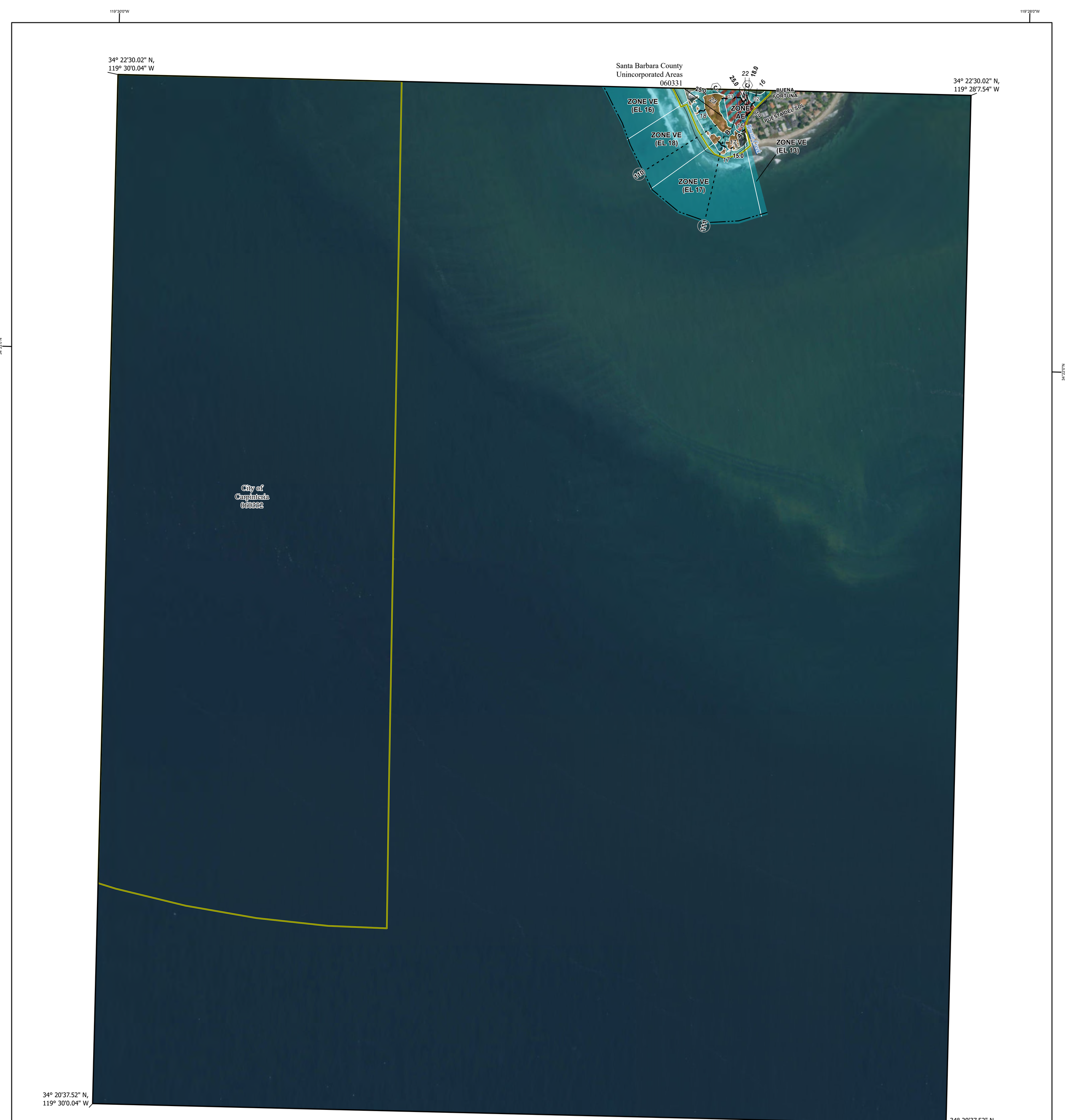
SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1439	J

MAP NUMBER
06083C1439J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024



FLOOD HAZARD INFORMATION

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- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available effective flood hazard information for your community, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Mapping and Insurance Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at https://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be downloaded from the website. Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be acquired directly from the Flood Map Service Center at the website listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

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

Basemap information shown on this FIRM was provided in digital format by the United States Geological Survey (USGS). The basemap shown is the USGS National Map: Orthoimagery. Last refreshed October, 2020.

Note: Some Special Flood Hazard Areas with elevations may not appear with elevation labels if the Base Flood Elevation or Cross-section line which communicates the elevation for the location appears on the adjacent panel. Please see the Panel Locator Diagram on this map panel to determine the adjacent panel and find the elevation feature there, or alternatively use the Flood Insurance Study report for detailed elevations by flood source.

SCALE

N

1 inch = 500 feet 1:6,000

0 250 500 1,000 1,500 2,000 feet

0 50 100 200 300 400 meters

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

PANEL LOCATOR

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

SANTA BARBARA COUNTY CALIFORNIA AND INCORPORATED AREAS

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF CARPINTERIA	060332	1451	J
SANTA BARBARA COUNTY UNINCORPORATED AREAS	060331	1451	J

MAP NUMBER
06083C1451J
EFFECTIVE DATE
Prelim Issue Date: 03/26/2024

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 1 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV001E
Version Number 2.6.4.6

FEMA

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Published Separately

Flood Insurance Rate Map (FIRM)

FLOOD INSURANCE STUDY REPORT
SANTA BARBARA COUNTY, CALIFORNIA

SECTION 1.0 – INTRODUCTION

1.1 The National Flood Insurance Program

The National Flood Insurance Program (NFIP) is a voluntary Federal program that enables property owners in participating communities to purchase insurance protection against losses from flooding. This insurance is designed to provide an alternative to disaster assistance to meet the escalating costs of repairing damage to buildings and their contents caused by floods.

For decades, the national response to flood disasters was generally limited to constructing flood-control works such as dams, levees, sea-walls, and the like, and providing disaster relief to flood victims. This approach did not reduce losses nor did it discourage unwise development. In some instances, it may have actually encouraged additional development. To compound the problem, the public generally could not buy flood coverage from insurance companies, and building techniques to reduce flood damage were often overlooked.

In the face of mounting flood losses and escalating costs of disaster relief to the general taxpayers, the U.S. Congress created the NFIP. The intent was to reduce future flood damage through community floodplain management ordinances, and provide protection for property owners against potential losses through an insurance mechanism that requires a premium to be paid for the protection.

The U.S. Congress established the NFIP on August 1, 1968, with the passage of the National Flood Insurance Act of 1968. The NFIP was broadened and modified with the passage of the Flood Disaster Protection Act of 1973 and other legislative measures. It was further modified by the National Flood Insurance Reform Act of 1994 and the Flood Insurance Reform Act of 2004. The NFIP is administered by the Federal Emergency Management Agency (FEMA), which is a component of the Department of Homeland Security (DHS).

Participation in the NFIP is based on an agreement between local communities and the Federal Government. If a community adopts and enforces floodplain management regulations to reduce future flood risks to new construction and substantially improved structures in Special Flood Hazard Areas (SFHAs), the Federal Government will make flood insurance available within the community as a financial protection against flood losses. The community's floodplain management regulations must meet or exceed criteria established in accordance with Title 44 Code of Federal Regulations (CFR) Part 60, *Criteria for Land Management and Use*.

SFHAs are delineated on the community's Flood Insurance Rate Maps (FIRMs). Under the NFIP, buildings that were built before the flood hazard was identified on the community's FIRMs are generally referred to as "Pre-FIRM" buildings. When the NFIP was created, the U.S. Congress recognized that insurance for Pre-FIRM buildings would be prohibitively expensive if the premiums were not subsidized by the Federal Government. Congress also recognized that most of these floodprone buildings were built

by individuals who did not have sufficient knowledge of the flood hazard to make informed decisions. The NFIP requires that full actuarial rates reflecting the complete flood risk be charged on all buildings constructed or substantially improved on or after the effective date of the initial FIRM for the community or after December 31, 1974, whichever is later. These buildings are generally referred to as “Post-FIRM” buildings.

1.2 Purpose of this Flood Insurance Study Report

This Flood Insurance Study (FIS) Report revises and updates information on the existence and severity of flood hazards for the study area. The studies described in this report developed flood hazard data to assist communities in efforts to implement sound floodplain management.

In some states or communities, floodplain management criteria or regulations may exist that are more restrictive than the minimum Federal requirements. Contact your State NFIP Coordinator to ensure that any higher State standards are included in the community’s regulations.

1.3 Jurisdictions Included in the Flood Insurance Study Project

This FIS Report covers the entire geographic area of Santa Barbara County, California**.**

The jurisdictions that are included in this project area, along with the Community Identification Number (CID) for each community and the United States Geological Survey (USGS) 8-digit Hydrologic Unit Code (HUC-8) sub-basins affecting each, are shown in Table 1. The FIRM panel numbers that affect each community are listed. If the flood hazard data for the community is not included in this FIS Report, the location of that data is identified.

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Buellton, City of	060757	18060010	06083C0790G, 06083C0793H, 06083C1052H, 06083C1056H	
Carpinteria, City of	060332	18060013	06083C1416J, 06083C1417J, 06083C1418J, 06083C1419J, 06083C1438J,	
Goleta, City of	060771	18060013	06083C1333G, 06083C1334G, 06083C1341H, 06083C1342H, 06083C1353G, 06083C1354G, 06083C1358G, 06083C1361H, 06083C1362H, 06083C1366H	
Guadalupe, City of	060333	18060008	06083C0155F, 06083C0160F	
Lompoc, City of	060334	18060010	06083C0710F[1], 06083C0720G, 06083C0730F[1], 06083C0736G, 06083C0737G, 06083C0738G, 06083C0739G, 06083C0743G, 06083C1001F[1], 06083C1002G,	
Santa Barbara, City of	060335	18060013	06083C1354G, 06083C1359G, 06083C1361H, 06083C1362H, 06083C1367H, 06083C1369H, 06083C1378H, 06083C1379H,	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Santa Barbara, City of (continued)	060335	18060013	06083C1383J, 06083C1386H, 06083C1387K, 06083C1388H, 06083C1389H, 06083C1391K, 06083C1392J, 06083C1393H	
Santa Barbara County (Unincorporated Areas)	060331	18060006, 18060007, 18060008, 18060009, 18060010, 18060013, 18060014, 18070101, 18070102	06083C0015G, 06083C0020G, 06083C0035F[1], 06083C0040G, 06083C0045G, 06083C0055G, 06083C0060G, 06083C0065F[1], 06083C0070F[1], 06083C0080G, 06083C0090G, 06083C0095G, 06083C0115G, 06083C0120G, 06083C0135G, 06083C0145H, 06083C0155F, 06083C0160F, 06083C0165G[1], 06083C0170G, 06083C0180F, 06083C0185F, 06083C0186F, 06083C0188G, 06083C0189G, 06083C0195F, 06083C0205F, 06083C0210G, 06083C0215F,	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Santa Barbara County (Unincorporated Areas) (continued)	060331	18060006, 18060007, 18060008, 18060009, 18060010, 18060013, 18060014, 18070101, 18070102	06083C0220F, 06083C0230F[1], 06083C0235F[1], 06083C0240G, 06083C0245F[1], 06083C0275F[1], 06083C0280G, 06083C0285F[1], 06083C0290F[1], 06083C0295F[1], 06083C0305G, 06083C0310G, 06083C0315F[1], 06083C0320F[1], 06083C0329G, 06083C0330G, 06083C0333G, 06083C0335G, 06083C0340G, 06083C0345G, 06083C0355G, 06083C0365G, 06083C0370G, 06083C0390G, 06083C0410G, 06083C0420G, 06083C0430G, 06083C0435G, 06083C0440G, 06083C0445F[1], 06083C0452G, 06083C0455G, 06083C0456G, 06083C0460G, 06083C0465G, 06083C0470G, 06083C0480G, 06083C0485G, 06083C0490G, 06083C0495G, 06083C0505G, 06083C0510G, 06083C0515G, 06083C0520G, 06083C0530G,	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Santa Barbara County (Unincorporated Areas) (continued)	060331	18060006, 18060007, 18060008, 18060009, 18060010, 18060013, 18060014, 18070101, 18070102	06083C0535G, 06083C0540G, 06083C0545F[1], 06083C0575F[1], 06083C0600F[1], 06083C0605F[1], 06083C0610G, 06083C0615F[1], 06083C0620F[1], 06083C0630F[1], 06083C0635G, 06083C0640F[1], 06083C0645F[1], 06083C0655G, 06083C0665G, 06083C0685G, 06083C0695G, 06083C0705G, 06083C0710F[1], 06083C0715G, 06083C0720G, 06083C0730F[1], 06083C0735G, 06083C0736G, 06083C0737G, 06083C0738G, 06083C0739G, 06083C0741G, 06083C0743G, 06083C0745G, 06083C0755G, 06083C0756G, 06083C0757G, 06083C0758F[1], 06083C0759G[1], 06083C0765G, 06083C0770G, 06083C0780G, 06083C0785G, 06083C0790G, 06083C0793H, 06083C0795G, 06083C0805G, 06083C0810F[1], 06083C0811G,	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Santa Barbara County (Unincorporated Areas) (continued)	060331	18060006, 18060007, 18060008, 18060009, 18060010, 18060013, 18060014, 18070101, 18070102	06083C0812F[1], 06083C0813G, 06083C0814G, 06083C0820G, 06083C0830F[1], 06083C0835F[1], 06083C0840G, 06083C0845F[1], 06083C0875F[1], 06083C0900F[1], 06083C0925F[1], 06083C0950F[1], 06083C0960G, 06083C0970G, 06083C0980G[1], 06083C0985G[1], 06083C0990G, 06083C0995G, 06083C1001F[1], 06083C1002G, 06083C1003F[1], 06083C1004F[1], 06083C1010G, 06083C1015G, 06083C1020F[1], 06083C1030G, 06083C1035G, 06083C1040F[1], 06083C1045F[1], 06083C1052H, 06083C1055G, 06083C1056H, 06083C1057H, 06083C1058G, 06083C1059H, 06083C1065G, 06083C1070H, 06083C1076H, 06083C1077H, 06083C1078H, 06083C1079H, 06083C1085G, 06083C1090G, 06083C1095F[1], 06083C1105G,	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
Santa Barbara County (Unincorporated Areas) (continued)	060331	18060006, 18060007, 18060008, 18060009, 18060010, 18060013, 18060014, 18070101, 18070102	06083C1110G, 06083C1115F[1], 06083C1120G, 06083C1130F[1], 06083C1135F[1], 06083C1140G, 06083C1145F[1], 06083C1175F[1], 06083C1200F[1], 06083C1225F[1], 06083C1230H, 06083C1235H, 06083C1255H, 06083C1260H, 06083C1280H, 06083C1285H, 06083C1305H, 06083C1310H, 06083C1330H, 06083C1331F[1], 06083C1332F[1], 06083C1333G, 06083C1334G, 06083C1340H, 06083C1341H, 06083C1342H, 06083C1351F[1], 06083C1352F[1], 06083C1353G, 06083C1354G, 06083C1356F[1], 06083C1357F[1], 06083C1358G, 06083C1359G, 06083C1361H, 06083C1362H, 06083C1363H, 06083C1366H, 06083C1367H, 06083C1369H, 06083C1376F[1], 06083C1377F[1], 06083C1378H, 06083C1379H, 06083C1381F[1], 06083C1382F[1],	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
			06083C1383J, 06083C1384H, 06083C1386H, 06083C1388H, 06083C1391K, 06083C1392J, 06083C1401F[1], 06083C1402F[1], 06083C1403H, 06083C1404H, 06083C1408G, 06083C1410G[1], 06083C1411J, 06083C1412J, 06083C1416J, 06083C1417J, 06083C1418J, 06083C1419J, 06083C1430F[1], 06083C1436J, 06083C1437J, 06083C1438J, 06083C1439J, 06083C1451J, 06083C1490F[1], 06083C1495F[1], 06083C1505F[1], 06083C1515F[1], 06083C1520F[1], 06083C1540F[1], 06083C1545F[1], 06083C1565F[1], 06083C1570F[1], 06083C1585F[1], 06083C1595F[1], 06083C1605F[1], 06083C1615F[1], 06083C1620F[1], 06083C1640G, 06083C1645G, 06083C1665F[1], 06083C1670F[1], 06083C1680F[1], 06083C1685F[1], 06083C1695F[1], 06083C1705F[1],	

Table 1: Listing of NFIP Jurisdictions

Community	CID	HUC-8 Sub-Basin(s)	Located on FIRM Panel(s)	If Not Included, Location of Flood Hazard Data
			06083C1710F[1], 06083C1715F[1], 06083C1720F[1], 06083C1730F[1], 06083C1735F[1], 06083C1755F[1], 06083C1760F[1], 06083C1780G, 06083C1785F[1], 06083C1805F[1], 06083C1810F[1]	
Santa Ynez Band of Chumash Indians	060029	18060010	06083C1076H, 06083C1077H, 06083C1078H, 06083C1079H	
Santa Maria, City of	060336	18060008	06083C0160F, 06083C0180F, 06083C0185F, 06083C0186F, 06083C0187F, 06083C0188G, 06083C0189G, 06083C0195F, 06083C0205F	
Solvang, City of	060756	18060010	06083C1057H, 06083C1059H, 06083C1070H, 06083C1076H	

[1] Panel Not Printed

1.4 Considerations for using this Flood Insurance Study Report

The NFIP encourages State and local governments to implement sound floodplain management programs. To assist in this endeavor, each FIS Report provides floodplain data, which may include a combination of the following: 10-, 4-, 2-, 1-, and 0.2-percent annual chance flood elevations (the 1-percent-annual-chance flood elevation is also referred to as the Base Flood Elevation (BFE)); delineations of the 1-percent-annual-chance and 0.2-percent-annual-chance floodplains; and 1-percent-annual-chance floodway. This information is presented on the FIRM and/or in many components of the FIS Report, including Flood Profiles, Floodway Data tables, Summary of Non-Coastal Stillwater Elevations tables, and Coastal Transect Parameters tables (not all components may be provided for a specific FIS).

This section presents important considerations for using the information contained in this FIS Report and the FIRM, including changes in format and content. Figures 1, 2, and 3 present information that applies to using the FIRM with the FIS Report.

- Part or all of this FIS Report may be revised and republished at any time. In addition, part of this FIS Report may be revised by a Letter of Map Revision (LOMR), which does not involve republication or redistribution of the FIS Report. Refer to Section 6.5 of this FIS Report for information about the process to revise the FIS Report and/or FIRM.

  It is, therefore, the responsibility of the user to consult with community officials by contacting the community repository to obtain the most current FIS Report components. Communities participating in the NFIP have established repositories of flood hazard data for floodplain management and flood insurance purposes. Community map repository addresses are provided in Table 30, "Map Repositories," within this FIS Report.

- New FIS Reports are frequently developed for multiple communities, such as entire counties. A countywide FIS Report incorporates previous FIS Reports for individual communities and the unincorporated area of the county (if not jurisdictional) into a single document and supersedes those documents for the purposes of the NFIP.

  The initial Countywide FIS Report for Santa Barbara County became effective on September 30, 2005. Refer to Table 27 for information about subsequent revisions to the FIRMs.

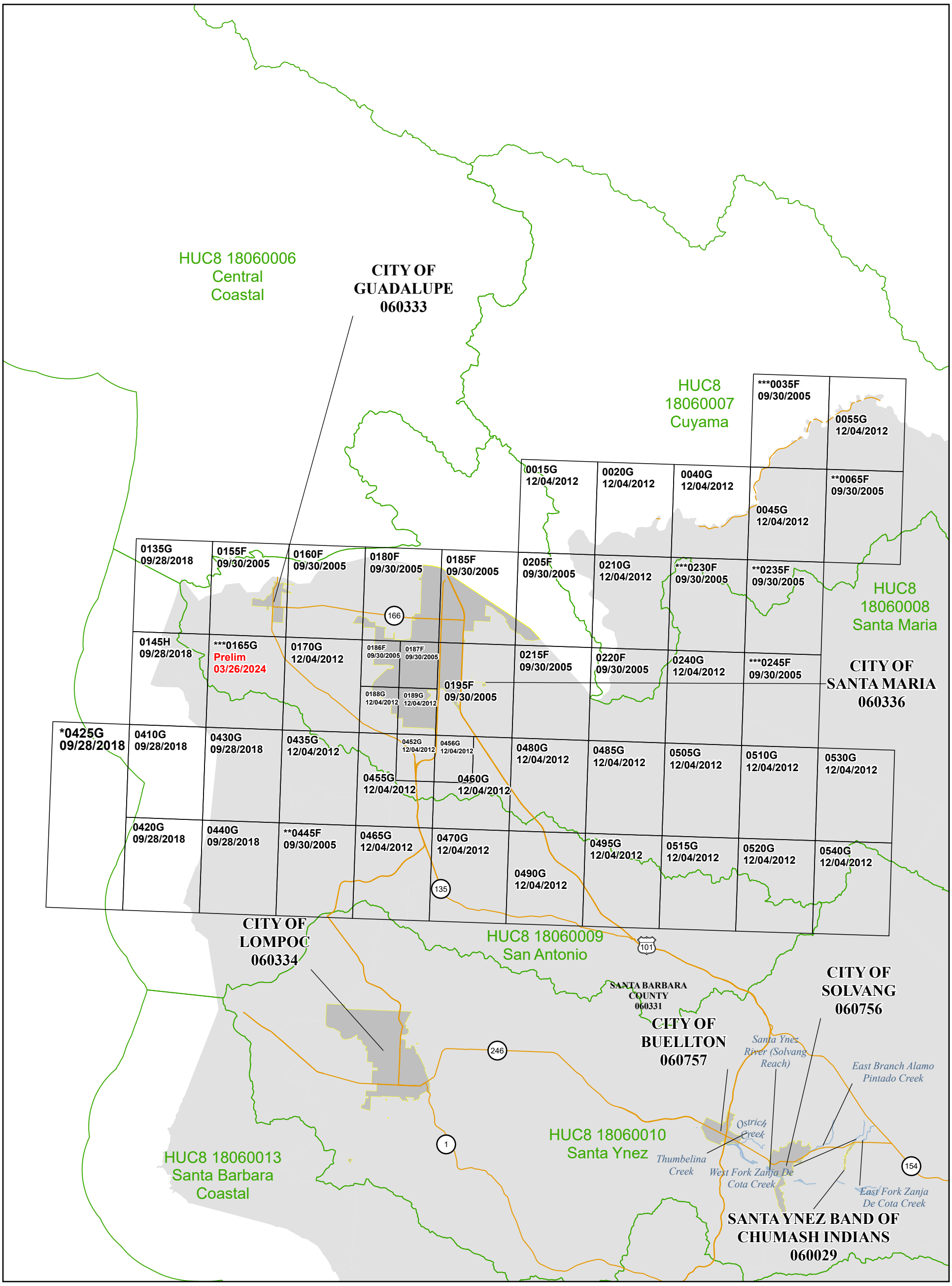
- FEMA does not design, build, inspect, operate, maintain, or certify levees. FEMA is responsible for accurately identifying flood hazards and communicating those hazards and risks to affected stakeholders. FEMA has identified one or more levee systems in this jurisdiction summarized in Table 8 of this FIS Report. For FEMA to accredit the identified levee systems, the levee systems must meet the criteria of the Code of Federal Regulations, Title 44, Section 65.10 (44 CFR 65.10), titled "Mapping of Areas Protected by Levee Systems."

  Information on the levee systems in this jurisdiction can be obtained from the USACE National Levee Database (https://levees.sec.usace.army.mil/). For additional information, the user should contact the appropriate jurisdiction floodplain administrator and the levee owner or sponsor.

- FEMA has developed a *Guide to Flood Maps* (FEMA 258) and online tutorials to assist users in accessing the information contained on the FIRM. These include how to read panels and step-by-step instructions to obtain specific information. To obtain this guide and other assistance in using the FIRM, visit the FEMA Web site at www.fema.gov/flood-maps/tutorials.

The FIRM Index in Figure 1 shows the overall FIRM panel layout within Santa Barbara County**,** and also displays the panel number and effective date for each FIRM panel in the county. Other information shown on the FIRM Index includes community boundaries, flooding sources, watershed boundaries, and USGS HUC-8 codes.

Figure 1: FIRM Index



N

1 inch = 23,184 feet 1:278,204

feet
0 10,365 20,730 41,460 62,190

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - OPEN WATER AREA
**PANEL NOT PRINTED - ALL ZONE D
***PANEL NOT PRINTED - BASE AND FOREST IN ZONE D, REST

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PAGE 1 OF 7

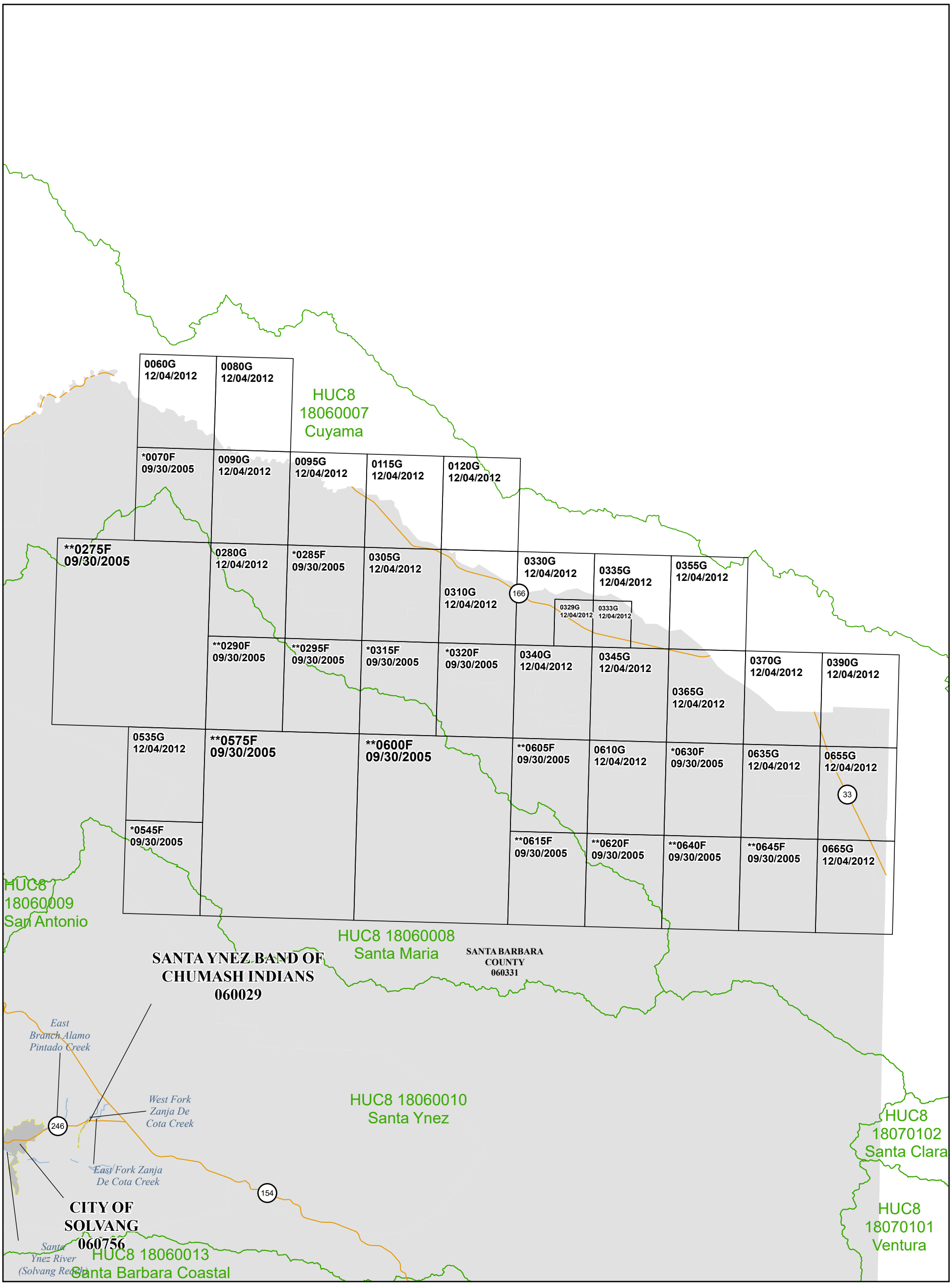
PANELS PRINTED:

0015, 0020, 0040, 0045, 0055, 0135, 0145, 0155, 0160, 0170, 0180, 0185, 0186, 0187, 0188, 0189, 0195, 0205, 0210, 0215, 0220, 0240, 0410, 0420, 0430, 0435, 0440, 0452, 0455, 0456, 0460, 0465, 0470, 0480, 0485, 0490, 0495, 0505, 0510, 0515, 0520, 0530, 0540

FEMA

MAP NUMBER
06083CIND1E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025



N

1 inch = 23,085 feet 1:277,019

feet

0 10,000 20,000 40,000 60,000

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - BASE AND FOREST IN ZONE D, REST OF PANEL IN ZONE X
**PANEL NOT PRINTED - ALL ZONE D

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

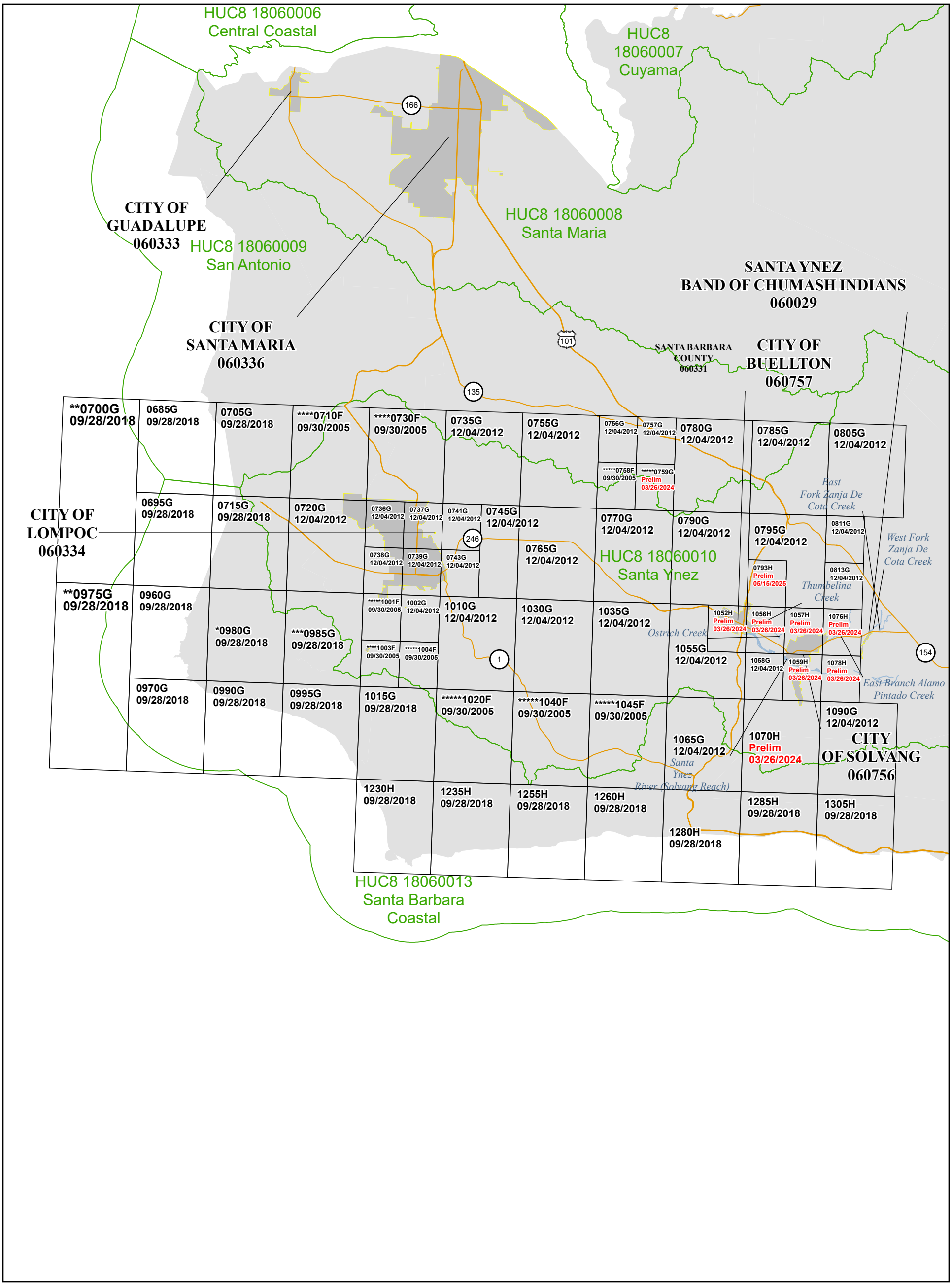
PANELS PRINTED:

0060, 0080, 0090, 0095, 0115, 0120, 0280, 0305, 0310, 0329, 0330, 0333, 0335, 0340, 0345, 0355, 0365, 0370, 0390, 0535, 0610, 0635, 0655, 0665

FEMA

MAP NUMBER
06083CIND2E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025



N

1 inch = 23,189 feet 1:278,272

feet

0 10,370 20,740 41,480 62,220

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - AREA IN ZONE D
**PANEL NOT PRINTED - OPEN WATER AREA
***PANEL NOT PRINTED - AREA IN ZONE D AND ZONE X
****PANEL NOT PRINTED - BASE AND FOREST IN ZONE D, REST OF PANEL IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PAGE 3 OF 7

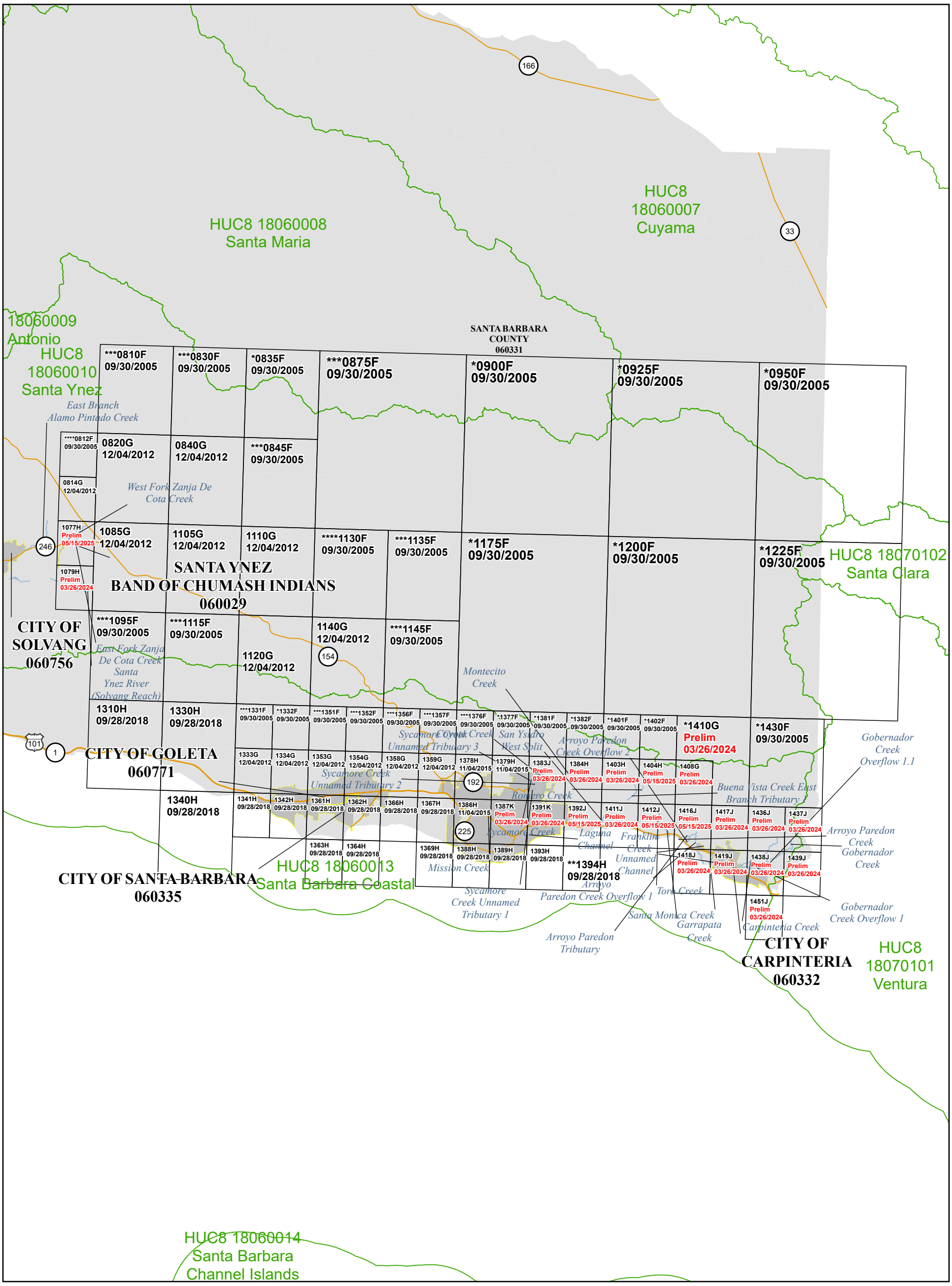
PANELS PRINTED:

0685, 0695, 0705, 0715, 0720, 0735, 0736, 0737, 0738, 0739, 0741, 0743, 0745, 0755, 0756, 0757, 0765, 0770, 0780, 0785, 0790, 0793, 0795, 0805, 0811, 0813, 0960, 0970, 0990, 0995, 1002, 1010, 1015, 1030, 1035, 1052, 1055, 1056, 1057, 1058, 1059, 1065, 1070, 1076, 1078, 1090, 1230, 1235, 1255, 1260, 1280, 1285, 1305

FEMA

MAP NUMBER
06083CIND3E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025



1 inch = 24,250 feet 1:290,998

feet
0 10,000 20,000 40,000 60,000

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - ALL ZONE D
**PANEL NOT PRINTED - OPEN WATER AREA
***PANEL NOT PRINTED - BASE AND FOREST IN ZONE D, REST OF PANEL IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PANELS PRINTED:

0814, 0820, 0840, 1077, 1079, 1085, 1105, 1110, 1120, 1140, 1310, 1330, 1333, 1334, 1340, 1341, 1342, 1353, 1354, 1358, 1359, 1361, 1362, 1363, 1364, 1366, 1367, 1369, 1378, 1379, 1383, 1384, 1386, 1387, 1388, 1389, 1391, 1392, 1393, 1403, 1404, 1408, 1411, 1412, 1416, 1417, 1418, 1419, 1436, 1437, 1438, 1439, 1451

FEMA

MAP NUMBER
06083CIND4E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

*1505F
09/30/2005

*1490F
09/30/2005

*1495F
09/30/2005

*1515F
09/30/2005

*1520F
09/30/2005

*1540F
09/30/2005

*1545F
09/30/2005

*1565F
09/30/2005

HUC8 18060014
Santa Barbara
Channel Islands

*1680F
09/30/2005

*1685F
09/30/2005

*1705F
09/30/2005

SANTA BARBARA
COUNTY
060331

*1695F
09/30/2005

*1715F
09/30/2005

1 inch = 14,911 feet 1:178,929

0 5,000 10,000 20,000 30,000 feet

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - PACIFIC OCEAN IN ZONE A, INLAND AREAS IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PAGE 5 OF 7

PANELS PRINTED:

FEMA

MAP NUMBER
06083CIND5E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

HUC8 18060013
Santa Barbara
Coastal

HUC8 180
Ventur

HUC8 18060014
Santa Barbara
Channel Islands

*1570F 09/30/2005		*1595F 09/30/2005	*1615F 09/30/2005	*1620F 09/30/2005	1640G 12/04/2012	1645G 12/04/2012	*1665F 09/30/2005	*1670F 09/30/2005
*1710F 09/30/2005	*1730F 09/30/2005	*1735F 09/30/2005	*1755F 09/30/2005	*1760F 09/30/2005	1780G 12/04/2012	*1785F 09/30/2005	*1805F 09/30/2005	*1810F 09/30/2005
*1720F 09/30/2005								

*1585F 09/30/2005

*1605F 09/30/2005

SANTA BARBARA COUNTY
060331

1 inch = 19,027 feet 1:228,324

feet
0 5,000 10,000 20,000 30,000

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - PACIFIC OCEAN IN ZONE A, INLAND AREAS IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PAGE 6 OF 7

PANELS PRINTED:

1640, 1645, 1780

FEMA

MAP NUMBER
06083CIND6E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

*1835F
09/30/2005

SANTA BARBARA
COUNTY
060331

1 inch = 2,145 feet 1:25,744

N

feet
0 500 1,000 2,000 3,000

Map Projection:
NAD 1983 UTM Zone 11N
Vertical Datum: NAVD88

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SEE FLOOD INSURANCE STUDY FOR ADDITIONAL INFORMATION

* PANEL NOT PRINTED - PACIFIC OCEAN IN ZONE A, INLAND AREAS IN ZONE X

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP INDEX

SANTA BARBARA COUNTY, CALIFORNIA, AND INCORPORATED AREAS

PAGE 7 OF 7

PANELS PRINTED:

FEMA

MAP NUMBER
06083CIND7E

EFFECTIVE DATE
Prelim Issue Date: 05/15/2025

Each FIRM panel may contain specific notes to the user that provide additional information regarding the flood hazard data shown on that map. However, the FIRM panel does not contain enough space to show all the notes that may be relevant in helping to better understand the information on the panel. Figure 2 contains the full list of these notes.

Figure 2: FIRM Notes to Users

NOTES TO USERS

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

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

For community and countywide map dates, refer to Table 27 in this FIS Report.

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

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

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

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

Coastal Base Flood Elevations shown on the map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD88). Coastal flood elevations are also provided in the Coastal Transect Parameters table in the FIS Report for this jurisdiction. Elevations shown in the Coastal Transect Parameters table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on the FIRM.

Figure 2. FIRM Notes to Users

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

FLOOD CONTROL STRUCTURE INFORMATION: Certain areas not in Special Flood Hazard Areas may have reduced flood hazards due to flood control structures. Refer to Section 4.3 "Dams and Other Flood Hazard Reduction Measures" of this FIS Report for information on flood control structures for this jurisdiction.

PROJECTION INFORMATION: The projection used in the preparation of the map was Universal Transverse Mercator (UTM) Zone 11. The horizontal datum was the North American Datum of 1983 NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

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

Local vertical monuments may have been used to create the map. To obtain current monument information, please contact the appropriate local community listed in Table 30 of this FIS Report.

BASE MAP INFORMATION: Basemap information shown on this FIRM was provided in digital format by the United States Geological Survey (USGS). The basemap shown is the USGS National Map: Orthoimagery. Last refreshed October, 2020.

The map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables may reflect stream channel distances that differ from what is shown on the map.

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

NOTES FOR FIRM INDEX

REVISIONS TO INDEX: As new studies are performed and FIRM panels are updated within Santa Barbara County, California**,** corresponding revisions to the FIRM Index will be incorporated within the FIS Report to reflect the effective dates of those panels. Please refer to Table 27 of this FIS Report to determine the most recent FIRM revision date for each community. The most recent FIRM panel effective date will correspond to the most recent index date.

Figure 2. FIRM Notes to Users

SPECIAL NOTES FOR SPECIFIC FIRM PANELS

This Notes to Users section was created specifically for Santa Barbara County, California**,** effective TBD.

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

Each FIRM panel contains an abbreviated legend for the features shown on the maps. However, the FIRM panel does not contain enough space to show the legend for all map features. Figure 3 shows the full legend of all map features. Note that not all of these features may appear on the FIRM panels in Santa Barbara County**.**

Figure 3: Map Legend for FIRM

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

Figure 3: Map Legend for FIRM

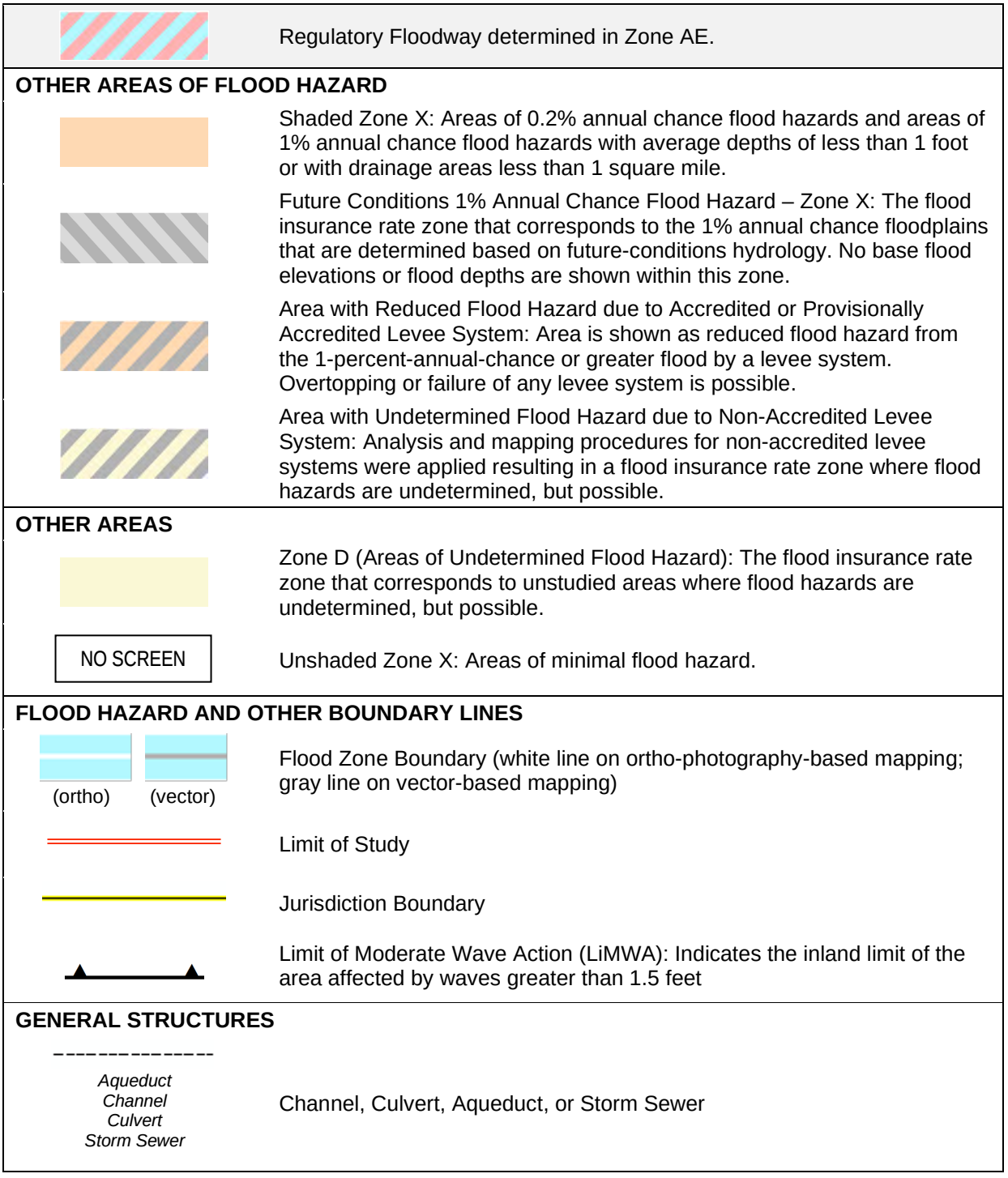


Figure 3: Map Legend for FIRM

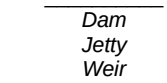
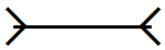
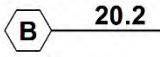
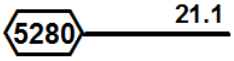
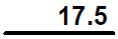
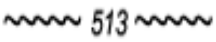
	Dam, Jetty, Weir
	Levee, Dike, or Floodwall
	Bridge
REFERENCE MARKERS	
	River mile Markers
CROSS SECTION & TRANSECT INFORMATION	
	Lettered Cross Section with Regulatory Water Surface Elevation (BFE)
	Numbered Cross Section with Regulatory Water Surface Elevation (BFE)
	Unlettered Cross Section with Regulatory Water Surface Elevation (BFE)
	Coastal Transect
	Profile Baseline: Indicates the modeled flow path of a stream and is shown on FIRM panels for all valid studies with profiles or otherwise established base flood elevation.
	Coastal Transect Baseline: Used in the coastal flood hazard model to represent the 0.0-foot elevation contour and the starting point for the transect and the measuring point for the coastal mapping.
	Base Flood Elevation Line
ZONE AE (EL 16)	Static Base Flood Elevation value (shown under zone label)
ZONE AO (DEPTH 2)	Zone designation with Depth
ZONE AO (DEPTH 2) (VEL 15 FPS)	Zone designation with Depth and Velocity

Figure 3: Map Legend for FIRM

BASE MAP FEATURES	
Missouri Creek	River, Stream or Other Hydrographic Feature
234	Interstate Highway
234	U.S. Highway
234	State Highway
234	County Highway
MAPLE LANE	Street, Road, Avenue Name, or Private Drive if shown on Flood Profile
RAILROAD	Railroad
	Horizontal Reference Grid Line
	Horizontal Reference Grid Ticks
+	Secondary Grid Crosshairs
Land Grant	Name of Land Grant
7	Section Number
R. 43 W. T. 22 N.	Range, Township Number
^{42}**76**^{000m}**E**	Horizontal Reference Grid Coordinates (UTM)
365000 FT	Horizontal Reference Grid Coordinates (State Plane)
80° 16’ 52.5”	Corner Coordinates (Latitude, Longitude)

SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS

2.1 Floodplain Boundaries

To provide a national standard without regional discrimination, the 1-percent-annual-chance (100-year) flood has been adopted by FEMA as the base flood for floodplain management purposes. The 0.2-percent-annual-chance (500-year) flood is employed to indicate additional areas of flood hazard in the community.

Each flooding source included in the project scope has been studied and mapped using professional engineering and mapping methodologies that were agreed upon by FEMA and Santa Barbara County as appropriate to the risk level. Flood risk is evaluated based on factors such as known flood hazards and projected impact on the built environment. Engineering analyses were performed for each studied flooding source to calculate its 1-percent-annual-chance flood elevations; elevations corresponding to other floods (e.g. 10-, 4-, 2-, 0.2-percent annual chance, etc.) may have also been computed for certain flooding sources. Engineering models and methods are described in detail in Section 5.0 of this FIS Report. The modeled elevations at cross sections were used to delineate the floodplain boundaries on the FIRM; between cross sections, the boundaries were interpolated using elevation data from various sources. More information on specific mapping methods is provided in Section 6.0 of this FIS Report.

Depending on the accuracy of available topographic data (Table 22), study methodologies employed (Section 5.0), and flood risk, certain flooding sources may be mapped to show both the 1-percent and 0.2-percent-annual-chance floodplain boundaries, regulatory water surface elevations (BFEs), and/or a regulatory floodway. Similarly, other flooding sources may be mapped to show only the 1-percent-annual-chance floodplain boundary on the FIRM, without published water surface elevations. In cases where the 1-percent and 0.2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-annual-chance floodplain boundary is shown on the FIRM. Figure 3, “Map Legend for FIRM”, describes the flood zones that are used on the FIRMs to account for the varying levels of flood risk that exist along flooding sources within the project area. Table 2 and Table 3 indicate the flood zone designations for each flooding source and each community within Santa Barbara County, respectively.

Table 2, “Flooding Sources Included in this FIS Report,” lists each flooding source, including its study limits, affected communities, mapped zone on the FIRM, and the completion date of its engineering analysis from which the flood elevations on the FIRM and in the FIS Report were derived. Descriptions and dates for the latest hydrologic and hydraulic analyses of the flooding sources are shown in Table 12. Floodplain boundaries for these flooding sources are shown on the FIRM (published separately) using the symbology described in Figure 3. On the map, the 1-percent-annual-chance floodplain corresponds to the SFHAs. The 0.2-percent-annual-chance floodplain shows areas that, although out of the regulatory floodplain, are still subject to flood hazards.

Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data. The procedures to remove these areas from the SFHA are described in Section 6.5 of this FIS Report.

Within this jurisdiction, there are one or more levee systems that have not been demonstrated by the communities or levee owners to meet the requirements of the Code of Federal Regulations, Title 44, Section 65.10 (44 CFR 65.10) as it relates to the levee system's capacity to provide 1-percent-annual-chance flood hazard reduction. As such, the floodplain boundaries in this area are subject to change. Please refer to Section 4.4 of this FIS Report for more information on how this may affect the floodplain boundaries shown on this FIRM.

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Adobe Creek	Santa Barbara County, Unincorporated Areas; Solvang, City of	Confluence with the Santa Ynez	Approximately 1,500 feet upstream of Del Prado Road	18060010	2.4		Y	AE	2021
Adobe Creek Tributary	Santa Barbara County, Unincorporated Areas; Solvang, City of	Confluence with Adobe Creek	Approximately 500 feet downstream of Elsinore Drive	18060010	0.4		Y	AE	2021
Alamo Pintado Creek	Santa Barbara County, Unincorporated Areas; Solvang, City of	Confluence with Santa Ynez River (Solvang Reach)	Approximately 390 feet upstream of State Highway 154	18060010	6.5		Y	AE	1973
Alamo Pintado Creek	Santa Barbara County, Unincorporated Areas; Solvang, City of	Approximately 390 feet upstream of State Highway 154	Approximately 750 feet downstream of Figueroa Mountain Road Split	18060010	5.7		N	A	1973
Alisal Creek	Santa Barbara County, Unincorporated Areas; Solvang, City of	Confluence with Santa Ynez	At Alisal Dam	18060010	3.5		Y	AE	2021
Arroyo Burro Creek	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Approximately 1,320 feet downstream of Cliff Drive	Approximately 2,775 feet upstream of Brenner Drive	18060013	4.8		Y	AE	2005
Arroyo Burro Overland Flow at Casiano Drive	Santa Barbara, City of	Portofino Way	U.S. Highway 101	18060013	0.45		N	AE	2005
Arroyo Burro Overland Flow at Cliff Drive	Santa Barbara, City of	Confluence with Arroyo Burro Creek	Confluence with Arroyo Burro Creek at Cliff Drive	18060013			N	AE	2020

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Arroyo Burro Overland Flow at Palmero Way	Santa Barbara, City of	Barcelona Way	U.S. Highway 101	18060013	0.74		N	AE	2005
Arroyo Paredon Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 633 feet upstream of State Route 192 Foothill Road	18060013	1.44		N	AE	2023
Arroyo Paredon Creek	Santa Barbara County, Unincorporated Areas	Approximately 633 feet upstream of State Route 192 Foothill Road	Approximately 4,200 feet upstream of State Route 192 Foothill Road	18060013	0.70		N	AE	2023
Arroyo Paredon Overflow 1	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 633 feet upstream of State Route 192 Foothill Road	18060013	0.7		N	AE	2023
Arroyo Paredon Overflow 2	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 780 feet upstream of Arroyo Paredon Tributary	18060013	1.1		N	AE	2023
Arroyo Paredon Tributary	Santa Barbara County, Unincorporated Areas	Confluence with Arroyo Paredon Creek	Approximately 120 feet upstream of State Route 192 Foothill Road	18060013	0.3		Y	AE	2023
Arroyo Paredon Tributary	Santa Barbara County, Unincorporated Areas	Approximately 120 feet upstream of State Route 192 Foothill Road	Just upstream of Los Padres National Forest Boundary	18060013	0.5		N	AE	2023

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Atascadero Creek	Santa Barbara County, Unincorporated Areas	Confluence with San Pedro Creek	Approximately 163 feet upstream of Calle Caridad	18060013	5.74		Y	AE, AH	2000
Bell Canyon Wash	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Confluences with Ellwood Canyon Wash and Winchester Canyon Wash	18060013	1.16		Y	AE	1973
Blosser Ditch	Santa Maria, City of	Not provided	Not provided	18060008	*		N	A	2002
Bradley Canyon	Santa Barbara County, Unincorporated Areas	Confluence with Santa Maria River	Approximately 0.45 miles upstream of Orcutt Garey Road	18060008	*		N	A	2002
Bradley Detention Basin	Santa Maria, City of	Just north of East Stanford Road	Just South of Borges Drive	18060008	*		N	AE	1994
Bradley Ditch	Santa Maria, City of	1190 feet downstream of East Jones Street	At East Jones Street	18060008	4.0		N	A	1994
Branch Canyon Wash	Santa Barbara County, Unincorporated Areas	Confluence with Cuyama River	1860 feet downstream of Washington Road	18060007	4.1		N	A, AO	1973
Buena Vista Creek	Santa Barbara County, Unincorporated Areas	Confluence with Romero Creek	Confluence with Buena Vista Creek East Branch and Buena Vista Creek West Branch	18060013	0.9		Y	AE	2023

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Buena Vista Creek East Branch	Santa Barbara County, Unincorporated Areas	Confluence with Buena Vista Creek and Buena Vista Creek West Branch	Approximately 230 feet upstream of Lilac Drive	18060013	0.90		Y	AE	2023
Buena Vista Creek East Branch	Santa Barbara County, Unincorporated Areas	Approximately 230 feet upstream of Lilac Drive	Approximately 230 feet upstream of Bella Vista Drive	18060013	0.1		N	AE	2023
Buena Vista Creek East Branch Tributary 1	Santa Barbara County, Unincorporated Areas	Confluence with Buena Vista Creek East Branch	At Los Padres National Forest Boundary	18060013	1.1		N	AE	2023
Buena Vista Creek East Branch Tributary 2	Santa Barbara County, Unincorporated Areas	Confluence with Buena Vista Creek East Branch	Approximately 370 feet upstream of Knollwood Drive	18060013	0.4		N	AE	2023
Buena Vista Creek East Branch Tributary 3	Santa Barbara County, Unincorporated Areas	Confluence with Buena Vista Creek East Branch	Approximately 2,690 feet upstream of Bella Vista Drive	18060013	1.0		N	AE	2023
Buena Vista Creek West Branch	Santa Barbara County, Unincorporated Areas	Confluence with Buena Vista Creek and Buena Vista Creek East Branch	Approximately 60 feet upstream of Park Lane	18060013	1.0		Y	AE	2023
Buena Vista Creek West Branch	Santa Barbara County, Unincorporated Areas	Approximately 60 feet Upstream of Park Lane	Approximately 690 feet upstream of Park Lane	18060013	0.1		N	AE	2023
Carneros Creek	Goleta, City of	Confluence with Tecolotito Creek	Cathedral Oaks Road	18060013	1.7		Y	AE	1973

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Carpinteria Creek	Carpinteria, City of	Confluence with the Pacific Ocean	Approximately 70 feet downstream of Southbound US Highway 101 Ventura Freeway	18060013	0.70		Y	AE	2023
Carpinteria Creek	Carpinteria, City of	Approximately 70 feet downstream of Southbound US Highway 101 Ventura Freeway	Approximately 970 feet upstream of Southbound US Highway 101 Ventura Freeway	18060013	0.2		N	AE	2023
Carpinteria Creek	Carpinteria, City of, Santa Barbara County, Unincorporated Areas,	Approximately 970 feet upstream of Southbound US Highway 101 Ventura Freeway	Approximately 2840 feet upstream of San Pedro National Forest Boundary	18060013	2.8		N	AE	2023
Carpinteria Creek Split Flow	Carpinteria, City of	Linden Avenue	Divergence from Carpinteria Creek at 6th Street	18060013	0.6		N	AE	2023
Cat Canyon Creek	Santa Maria, City of	Confluence with Sisquoc River	Approximately 3.4 miles upstream of Palmer Road	18060008	8.0		N	A	2023
Chelham Creek	Santa Barbara County, Unincorporated Areas	Confluence with Westmont Creek	Approximately 4,340 feet upstream of East Mountain Drive	18060013	2.2		N	AE	2023
Cieneguitas Creek	Santa Barbara, City of	Approximately 410 feet upstream of Footpath to La Colina School	Approximately 700 feet upstream of Footpath to La Colina School	18060013	0.1		N	A	2002

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Cieneguitas Creek	Santa Barbara, City of, Santa Barbara County, Unincorporated Areas,	Confluence with Atascadero Creek	Approximately 410 feet upstream of Footpath to La Colina School	18060013	1.8		Y	AE	1973
Cold Springs Creek	Santa Barbara County, Unincorporated Areas	Confluence with Hot Springs Creek and Montecito Creek	Approximately 650 feet downstream of East Mountain Drive	18060013	0.90		Y	AE	2023
Cold Springs Creek	Santa Barbara County, Unincorporated Areas	Approximately 650 feet downstream of East Mountain Drive	Approximately 490 feet upstream of East Mountain Drive	18060013	0.20		N	AE	2023
Coyote Creek	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with Westmont Creek	Approximately 1.1 miles upstream of confluence with Westmont Creek	18060013	1.1		N	AE	2011
Crawford Canyon Creek	Santa Barbara County, Unincorporated Areas	920 feet north of State Highway 246	2850 feet upstream of Drum Canyon Road	18060010	0.6		N	A	2002
Cuyama River	Santa Barbara County, Unincorporated Areas	Confluence with Santa Maria River	At Ventura County Boundary	18060007	78.0		N	A	2002
Devereaux Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with Pacific Ocean	Approximately 60 feet upstream of Railroad	18060013	3.0		Y	AE	2002
Devereaux Creek Tributary 1	Goleta, City of	Confluence with Devereaux Creek	Approximately 90 feet upstream of Railroad	18060013	0.7		Y	AE	2002
Devereaux Creek Tributary 2	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with Devereaux Creek	Approximately 170 feet upstream of Railroad	18060013	0.9		Y	AE	2002

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Devereaux Creek Tributary 3	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with Devereaux Creek	Approximately 50 feet upstream of Stroke Road	18060013	0.4		Y	AE	2002
East Branch Alamo Pintado Creek	Santa Barbara County, Unincorporated Areas	Confluence with Alamo Pintado Creek	Approximately 350 feet upstream of Baseline Avenue	18060010	3.2		Y	AE	1973
East Branch Toro Creek	Santa Barbara County, Unincorporated Areas	Confluence with Toro Creek	Approximately 110 feet upstream of State Route 192 Toro Canyon Road	18060013	0.6		Y	AE	2023
East Branch Toro Creek	Santa Barbara County, Unincorporated Areas	Approximately 110 feet upstream of State Route 192 Toro Canyon Road	Approximately 6,690 feet upstream of State Route 192 Toro Canyon Road	18060013	1.2		N	AE	2023
East Fork Maria Ygnacia Creek	Santa Barbara County, Unincorporated Areas	Confluence with Maria Ygnacia Creek	Approximately 3,800 feet upstream of confluence with Maria Ygnacia Creek	18060013	0.7		Y	AE	2000
East Fork Zanja de Cota Creek	Santa Barbara County, Unincorporated Areas	Confluence with Santa Ynez River	At Mission Drive, State Highway 246	18060010	2.8		Y	AE	2021
*East Fork Zanja de Cota Creek	Santa Barbara County, Unincorporated Areas	Approximately 4400 feet upstream of confluence with Santa Ynez River	Approximately 1760 feet downstream of Mission Drive, State Highway 246	18060010	1.7		N	D	1973

*Santa Ynez Indian Tribe of Chumas Indians Tribal area – no change made to zone D

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
East Fork Zanja de Cota Creek	Santa Barbara County, Unincorporated Areas	At Mission Drive, State Highway 246	At San Marcos Pass Avenue, State Highway 154	18060010	1.3		Y	AE	1973
East Fork Zanja de Cota Creek	Santa Barbara County, Unincorporated Areas	At San Marcos Pass Avenue, State Highway 154	Approximately 0.3 feet upstream of San Marcos Pass Avenue, State Highway 154	18060010	0**.3**		N	AH	1973
East Tributary to East Branch Alamo Pintado Creek	Santa Barbara County, Unincorporated Areas	Confluence with East Branch Alamo Pintado Creek	Approximately 3,160 feet upstream of Baseline Avenue	18060010	2.1		Y	AE	1973
East-West Channel	Lompoc, City of	North V Street	North A Street	18060010	1.5		N	A	2002
Ellwood Canyon Wash	Goleta, City of;	Confluence with Winchester Canyon Wash	Approximately 3,600 feet upstream of confluence with Winchester Canyon Wash	18060013	0.7		Y	AE, AO	1973
Franklin Creek	Carpinteria, City of; Santa Barbara County, Unincorporated Areas,	Confluence with the Pacific Ocean	Approximately 990 feet downstream of Union Pacific Railroad	18060013	0.3		N	AE	2023
Franklin Creek	Carpinteria, City of, Santa Barbara County, Unincorporated Areas,	Approximately 990 feet downstream of Union Pacific Railroad	Approximately 4,400 feet upstream of State Route 192 Foothill Road	18060013	1.8		N	AE	2023

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Foxen Canyon Creek	Santa Barbara County, Unincorporated Areas	Confluence with Sisquoc River	Approximately 2110 feet northeast of Foxen Canyon Road and Zaca Lake Road Crossing	18060008	10.5		N	A	2002
Freemont Creek	Santa Barbara County, Unincorporated Areas	Confluence with San Jose Creek	Approximately 60 feet upstream of Patterson Avenue	18060013	0.5		Y	AE	2002
Garrapata Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 821 feet downstream of Torito Road	18060013	1.0		N	AE	2023
Garrapata Creek	Santa Barbara County, Unincorporated Areas	Approximately 821 feet downstream of Torito Road	Approximately 480 feet upstream of State Route 192 Toro Canyon Road	18060013	0.5		N	AE	2023
Gobernador Creek	Santa Barbara County, Unincorporated Areas	Confluence with Carpinteria Creek	Approximately 2080 feet upstream of San Pedro National Forest Boundary	18060013	2.2		N	AE	2023
Gobernador Creek Overflow Area 1	Santa Barbara County, Unincorporated Areas	Confluence with Carpinteria Creek	Confluence with Gobernador Creek	18060013	2.1		N	AE	2023
Gobernador Creek Overflow Area 1.1	Santa Barbara County, Unincorporated Areas	Confluence with Gobernador Creek Overflow Area 1	Approximately 1090 feet south of Shepard Mesa Road at Casitas Pass Road	18060013	0.8		N	AE	2023
Hot Springs Creek	Santa Barbara County, Unincorporated Areas	Confluence with Cold Springs Creek and Montecito Creek	Approximately 400 feet upstream of East Mountain Drive	18060013	0.6		Y	AE	2023

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Hot Springs Creek	Santa Barbara County, Unincorporated Areas	Approximately 400 feet upstream of East Mountain Drive	Approximately 2,380 feet upstream of East Mountain Drive	18060013	0.4		N	AE	2023
Hot Springs Creek Tributary	Santa Barbara County, Unincorporated Areas	Confluence with Hot Springs Creek	Approximately 1,310 feet upstream of Hot Springs Creek	18060013	0.2		N	AE	2023
La Brea Creek	Santa Barbara County, Unincorporated Areas	Confluence of Sisquoc River	Approximately 4690 feet downstream of Long Canyon Creek	18060008	2.0		N	A	2002
Laguna Blanca	Santa Barbara County, Unincorporated Areas	Between Lago Drive and Via Laguna	Between Lago Drive and Via Laguna	18060013		0.03	N	A	2002
Laguna Channel	Santa Barbara, City of	Confluence with the Pacific Ocean	At Highway 101	18060013	0.4		Y	AE	2011
Laguna Ponding Area	Santa Barbara, City of	Approximately 380 feet south of East Yanonali Street crossing Garden Street	At Canon Perdido Street	18060013		0.75	N	AH	2011
Las Positas Creek	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with Arroyo Burro Creek	Approximately 300 feet upstream of Modoc Road	18060013	0.7		Y	AE	2005
Las Vegas Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with San Pedro Creek	Approximately 55 feet upstream of La Goleta Road	18060013	1.3		Y	AE	1973

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Maria Ygnacia Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with Atascadero Creek	Approximately 1,030 feet upstream of confluence of East Fork Maria Ygnacia Creek	18060013	3.2		Y	AE	2000
Mission Creek	Santa Barbara, City of	Confluence with the Pacific Ocean	Just upstream of West Carillo Street	18060013	1**.3**		N	A**E**	2021
Mission Creek	Santa Barbara, City of	Just upstream of West Carillo Street	Approximately 115 feet upstream of West Arrellaga Street	18060013	0.6		N	A	2011
Mission Creek	Santa Barbara, City of	Approximately 115 feet upstream of West Arrellaga Street	Approximately 145 feet downstream of West Mission Street	18060013	0.4		Y	AE	2011
Mission Creek	Santa Barbara, City of	Approximately 145 feet downstream of West Mission Street	Approximately 277 feet upstream of West Mission Street	18060013	0.1		N	A	2011
Mission Creek	Santa Barbara, City of	Approximately 277 feet upstream of West Mission Street	Just South of De la Vina Street	18060013	1.3		N	AE	2016
Mission Creek	Santa Barbara, City of	Just South of De la Vina Street	Approximately 380 feet upstream of State Street	18060013	1.3		N	AE	2011
Mission Creek	Santa Barbara, City of	Approximately 380 feet upstream of State Street	Approximately 1355 feet upstream of Mission Canyon Road	18060013	0.9		Y	AE	2011

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Mission Creek	Santa Barbara, City of	Approximately 1355 feet upstream of Mission Canyon Road	Approximately 485 feet upstream of Los Canoas Road	18060013	1.9		N	AE	2011
Montecito Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 1,020 feet upstream of Hot Springs Road	18060013	1.4		Y	A**E**	2023
Montecito Creek	Santa Barbara County, Unincorporated Areas	Approximately 1,020 feet upstream of Hot Springs Road	Confluence with Cold Springs Creek and Hot Springs Creek	18060013	0.9		Y	AE	2023
Montecito Creek West Split	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	At US Highway 101	Confluence with Montecito Creek	18060013	0.6		Y	AE	2023
Montecito Creek West Split	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	At US Highway 101	18060013	0.3		N	AE	2023
Montecito Creek West Split 2	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Confluence with Montecito Creek West Split	18060013	0.4		N	AE	2023
Montecito Creek West Split 3	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Confluence with Montecito Creek West Split 2	18060013	0.4		N	AE	2023
**Nojoqui Creek	Santa Barbara County, Unincorporated Areas	Confluence with Santa Ynez River (Solvang Reach)	At Nojoqui Falls Park	18060010	7.1		N	A	2023
Northridge Creek	Santa Barbara County, Unincorporated Areas	Confluence with Arroyo Burro Creek	Approximately 2,400 feet upstream of Foothill Road	18060013	0.6		Y	AE	2005

** Part of Nojoqui Creek BLE Zone A study will be mapped at a later date

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Northridge Creek	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Approximately 2,400 feet upstream of Foothill Road	Approximately 950 feet south of Mibek Road	18060013	0.2		N	A	2005
Oak Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 490 feet upstream of San Ysidro Road	18060013	1.9		Y	AE	2023
Oak Creek	Santa Barbara County, Unincorporated Areas	Approximately 490 feet upstream of San Ysidro Road	Approximately 40 feet upstream of East Mountain Drive	18060013	0.5		Y	AE	2023
Oak Creek	Santa Barbara County, Unincorporated Areas	Approximately 40 feet upstream of East Mountain Drive	Approximately 150 feet upstream of San Pedro National Forest Boundary	18060013	0.3		N	AE	2023
Old San Jose Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with San Jose Creek	Hollister Avenue	18060013	1.2		N	AE	1988
Orcutt Creek	Santa Barbara County, Unincorporated Areas	Approximately 800 feet upstream of Bradley Road	Approximately 1,900 feet downstream of U.S. Highway 101	18060008	2.0		Y	AE	1998
Orcutt Creek	Santa Barbara County, Unincorporated Areas	Approximately 30 feet downstream of Black Road	Approximately 800 feet upstream of Bradley Road	18060008	5.3		Y	AE	1973

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Ostrich Creek	Santa Barbara County, Unincorporated Areas	Confluence with Santa Ynez River (Solvang Reach)	Approximately 1,430 feet southwest of Mesa Vista Lane	18060010	1.8		N	AE	2021
Pacific Ocean	Carpinteria, City of; Goleta, City of; Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Entire coastline of Santa Barbara County	Entire coastline of Santa Barbara County	18060006 18060008 18060009 18060010 18060013 18070101	33.5		N	AE, VE	2015
Picay Creek	Santa Barbara County, Unincorporated Areas	Confluence with Romero Creek	Approximately 1,390 feet upstream of Cima del Mundo Road	18060013	1.1		Y	AE	2023
Picay Creek	Santa Barbara County, Unincorporated Areas	Approximately 1,390 feet upstream of Cima del Mundo Road	Approximately 570 feet upstream of Bella Vista Drive	18060013	1.1		N	AE	2023
Rattlesnake Creek	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with Mission Creek	Approximately 1.7 miles upstream of confluence with Mission Creek	18060013	1.7		N	AE	2011
Rattlesnake Creek Unnamed Tributary 1	Santa Barbara, City of	Confluence with Rattlesnake Creek	Approximately 1,000 feet upstream of confluence with Rattlesnake Creek	18060013	0.2		N	AE	2011
Rattlesnake Creek Unnamed Tributary 2	Santa Barbara County, Unincorporated Areas	Confluence with Rattlesnake Creek	Approximately 628 feet upstream of confluence with Rattlesnake Creek	18060013	0.1		N	AE	2011

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Rattlesnake Creek Unnamed Tributary 3	Santa Barbara County, Unincorporated Areas	Confluence with Rattlesnake Creek	Approximately 1,000 feet upstream of confluence with Rattlesnake Creek	18060013	0.2		N	AE	2011
Rincon Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 1,120 feet downstream of Bates Road/Rincon Hill Road	18060013	0.5		Y	AE	2023
Rincon Creek	Santa Barbara County, Unincorporated Areas	Approximately 1,120 feet downstream of Bates Road/Rincon Hill Road	Approximately 190 feet downstream of Bates Road/Rincon Hill Road	18060013	0.2		Y	AE	2023
Rincon Creek	Santa Barbara County, Unincorporated Areas	Approximately 190 feet downstream of Bates Road/Rincon Hill Road	Approximately 3,090 feet upstream of State Route 150 Casitas Pass Road	18060013	2.7		N	AE	2023
Romero Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 360 feet downstream of Romero Canyon Creek #18 Debris Basin Dam	18060013	19.0		Y	AE	2023
Romero Creek	Santa Barbara County, Unincorporated Areas	Approximately 360 feet downstream of Romero Canyon Creek #18 Debris Basin Dam	Romero Canyon Creek #18 Debris Basin Dam	18060013	2.7		N	AE	2023
Salisbury Canyon Wash	Santa Barbara County, Unincorporated Areas	Confluence with Branch Canyon Wash	At Los Padres National Forest Boundary	18060007	5.6		N	A, AO	1973

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Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
San Antonio Creek	Santa Barbara County, Unincorporated Areas	State Highway 135	Approximately 0.5 mile upstream of U.S. Highway 101	18060009	1.8		Y	A, AE	1990
San Antonio Creek (Tributary to Maria Ygnacia Creek)	Santa Barbara County, Unincorporated Areas	Confluence with Maria Ygnacia Creek	Approximately 330 feet upstream of Turnpike Road	18060013	1.3		Y	AE	2000
San Jose Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	U.S. Highway 101	Approximately 810 feet upstream of Patterson Avenue	18060013	1.6		Y	AE	2005
San Jose Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with San Pedro Creek	U.S. Highway 101	18060013	1.6		Y	AE	1988
San Miguelito Creek	Santa Barbara County, Unincorporated Areas	Approximately 3.3 miles upstream of mouth	Approximately 0.6 mile upstream of Feed Store Bridge	18060010	1.5		Y	AE	1973
San Pedro Creek	Goleta, City of: Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Approximately 475 feet upstream of confluence with Atascadero Creek	Approximately 1,085 feet upstream of Stow Canyon Road	18060013	2.4		Y	AE	1973
San Roque Creek	Santa Barbara County, Unincorporated Areas	Confluence with Arroyo Burro Creek	Approximately 7,800 feet upstream of Ontare Road	18060013	2.0		Y	AE	2005
San Ysidro Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 1,980 feet upstream of San Leandro Lane	18060013	1		Y	AE	2023

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San Ysidro Creek	Santa Barbara County, Unincorporated Areas	Approximately 1,980 feet upstream of San Leandro Lane	Approximately 1,650 feet upstream of East Mountain Drive	18060013	1.5		Y	AE	2023
San Ysidro West Split	Santa Barbara County, Unincorporated Areas	Confluence with Oak Creek	Confluence with San Ysidro Creek	18060013	0.5		Y	AE	2023
Santa Maria River	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	At Sisquoc River	18060008	23.6		N	A	2002
Santa Monica Creek	Carpinteria, City of; Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 1,570 feet downstream of Union Pacific Railroad	18060013	0.6		N	AE	2023
Santa Monica Creek	Carpinteria, City of; Santa Barbara County, Unincorporated Areas	Approximately 1,570 feet downstream of Union Pacific Railroad	Approximately 5,330 feet upstream of State Route 192 Foothill Road	18060013	1.2		N	AE	2023
Santa Rosa Creek	Santa Barbara County, Unincorporated Areas	Confluence with Santa Ynez River	Approximately 2.5 miles north of State Highway 246	18060010	4.4		N	A	2002
Santa Ynez River	Santa Barbara County, Unincorporated Areas	Not provided	Not provided	18060010	16.4		N	A	1973
Santa Ynez River (Lompoc Reach)	Lompoc, City of; Santa Barbara County, Unincorporated Areas	Approximately 5.0 miles upstream of confluence with Pacific Ocean	At Floradale Avenue	18060010	2.4		Y	AE	1973
Santa Ynez River (Lompoc Reach)	Lompoc, City of	At Floradale Avenue	Just downstream of State Highway 1	18060010	2.6		Y	AE	1995

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Santa Ynez River (Lompoc Reach)	Lompoc, City of; Santa Barbara County, Unincorporated Areas	Just downstream of State Highway 1	Approximately 3,390 feet upstream of State Highway 246 (Ocean Avenue)	18060010	3.4		Y	AE	1973
Santa Ynez River (Solvang Reach)	Santa Barbara County, Unincorporated Areas	Approximately 30 miles upstream of Pacific Ocean	Cachuma Recreation Area boundary	18060010	16.4		Y	AE	1973
Sheetflow Along Kellogg Avenue	Goleta, City of	Not provided	Not provided	18060013	0.3		Y	AE	1988
Sisquoc River	Santa Barbara County, Unincorporated Areas	Confluence with Santa Maria River and Cuyama River	Approximately at Manzana Creek Trail and Manzana Schoolhouse Camp	18060008	20.0		N	A	2002
Sycamore Creek	Santa Barbara, City of	Confluence with the Pacific Ocean	Approximately 35 feet upstream of Punta Gorda Street	18060013	0.4		Y	AE	2021
Sycamore Creek	Santa Barbara, City of	Approximately 35 feet upstream of Punta Gorda Street	Approximately 400 feet upstream of Alameda Padre Serra	18060013	0.8		Y	AE	2023
Sycamore Creek	Santa Barbara, City of	Approximately 400 feet upstream of Alameda Padre Serra	Approximately 640 downstream of confluence with Sycamore Creek Unnamed Tributary 1	18060013	1.4		Y	AE	2011

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Sycamore Creek	Santa Barbara, City of	Approximately 640 downstream of confluence with Sycamore Creek Unnamed Tributary 1	Approximately 350 feet upstream of confluence with Sycamore Creek Unnamed Tributary 3	18060013	0.6		N	AE	2011
Sycamore Creek Unnamed Tributary 1	Santa Barbara, City of	Confluence with Sycamore Creek	Approximately 3,454 feet upstream of confluence with Sycamore Creek	18060013	0.6		N	AE	2011
Sycamore Creek Unnamed Tributary 1-1	Santa Barbara, City of	Confluence with Sycamore Creek Unnamed Tributary 1	Approximately 1,390 feet upstream of confluence with Sycamore Creek Unnamed Tributary 1	18060013	0.3		N	AE	2011
Sycamore Creek Unnamed Tributary 1-2	Santa Barbara, City of	Confluence with Sycamore Creek Unnamed Tributary 1	Approximately 278 feet upstream of confluence with Sycamore Creek Unnamed Tributary 1	18060013	0.05		N	AE	2011
Sycamore Creek Unnamed Tributary 2	Santa Barbara, City of	Confluence with Sycamore Creek	Approximately 0.8 mile upstream of confluence with Sycamore Creek	18060013	0.8		N	AE	2011
Sycamore Creek Tributary Unnamed 3	Santa Barbara, City of	Confluence with Sycamore Creek	Approximately 500 feet upstream of confluence with Sycamore Creek	18060013	0.1		N	AE	2011

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Tecolote Canyon Creek	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with Pacific Ocean	Approximately 1.5 miles upstream of Vereda Leyenda	18060013	2.4		Y	AE	1973
Tecolotito Creek	Goleta, City of; Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with Atascadero Creek	Approximately 530 feet upstream of Cathredial Oaks Road	18060013	3.8		Y	AE	1973
Tepusquet Creek	Santa Barbara County, Unincorporated Areas	Confluence with Sisquoc River	Approximately 6.4 miles upstream of Sisquoc River	18060008	6.4		N	A	2002
Thumbelina Creek	Buellton, City of; Santa Barbara County, Unincorporated Areas	Confluence with Santa Ynez River	At East Valley Road	18060010	0.9		N	AE	1973
Toro Creek	Santa Barbara County, Unincorporated Areas	Confluence with the Pacific Ocean	Approximately 860 feet upstream of Torito Road	18060013	1.6		Y	AE	2023
Toro Creek	Santa Barbara County, Unincorporated Areas	Approximately 860 feet upstream of Torito Road	At East Valley Road	18060013	0.3		Y	AE	2023
Toro Creek	Santa Barbara County, Unincorporated Areas	At State Route 192 East Valley Road	Approximately 1,760 feet upstream of Hidden Valley Lane	18060013	1.3		N	AE	2023
Unnamed Stream Zc-01	Santa Barbara County, Unincorporated Areas	Approximately 350 feet downstream of US Highway 154	Approximately 2,900 feet upstream of US Highway 154	18060010	0.6		N	A	2023
Unnamed Stream Zc-02	Santa Barbara County, Unincorporated Areas	Confluence with Unnamed Stream ZC-01	Approximately 1.1 miles downstream of Baseline Avenue	18060010	0.1		N	A	2023

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Waller Skyway Channel	Santa Maria, City of	Confluence with Unnamed Channel at Skyway Drive	Approximately 280 feet upstream of Skyway Drive and Airpark Lane Crossing	18060008	1.2		N	A	2002
West Branch Toro Creek	Santa Barbara County, Unincorporated Areas	Confluence with Toro Creek	Approximately 1,240 feet upstream of Viola Lane	18060013	0.9		N	AE	2022
West Fork Zanja De Cota Creek	Santa Barbara County, Unincorporated Areas	Confluence with East Fork Zanja de Cota Creek	At Mission Drive, State Highway 246	18060010	0.3		Y	AE	2021
*West Fork Zanja De Cota Creek	Santa Barbara County, Unincorporated Areas	Confluence with East Fork Zanja de Cota Creek	At Mission Drive, State Highway 246	18060010	0.3		N	D	2021
West Fork Zanja De Cota Creek	Santa Barbara County, Unincorporated Areas	At Mission Drive, State Highway 246	At San Marcos Pass Avenue, State Highway 154	18060010	1.7		Y	AE	1973
West Fork Zanja De Cota Creek	Santa Barbara County, Unincorporated Areas	At San Marcos Pass Avenue, State Highway 154	Approximately 1640 feet upstream of San Marcos Pass Avenue, State Highway 154	18060010	0.3		N	AH	1973
Westmont Creek	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas	Confluence with Sycamore Creek	Approximately 2,050 Feet Upstream of East Mountain Drive	18060013	1.5		N	AE	2023

*Santa Ynez Indian Tribe of Chumas Indians Tribal area – no change made to zone D

Table 2: Flooding Sources Included in this FIS Report

Flooding Source	Community	Downstream Limit	Upstream Limit	HUC-8 Sub-Basin(s)	Length (mi) (streams or coastlines)	Area (mi^2) (estuaries or ponding)	Floodway (Y/N)	Zone shown on FIRM	Date of Analysis
Winchester Canyon Wash	Goleta, City of; Santa Barbara County, Unincorporated Areas	Confluence with Ellwood Canyon Wash and Bell Canyon Wash	Approximately 1,678 feet upstream of Winchester Canyon Road	18060013	0.3		Y	AE	1973
Zaca Creek	Buellton, City of; Santa Barbara County, Unincorporated Areas	At confluence with Santa Ynez	Approximately 2.0 miles upstream of McMurray Road	18060010	3.4		Y	AE	2021
Zaca Creek	Santa Barbara County, Unincorporated Areas	Approximately 2.0 miles upstream of McMurray Road	Approximately 650 feet upstream of Jonata Park Road	18060010	1.4		N	A	2021

*Santa Ynez Indian Tribe of Chumas Indians Tribal area – no change made to zone D
** Part of Nojoqui Creek BLE Zone A study will be mapped at a later date

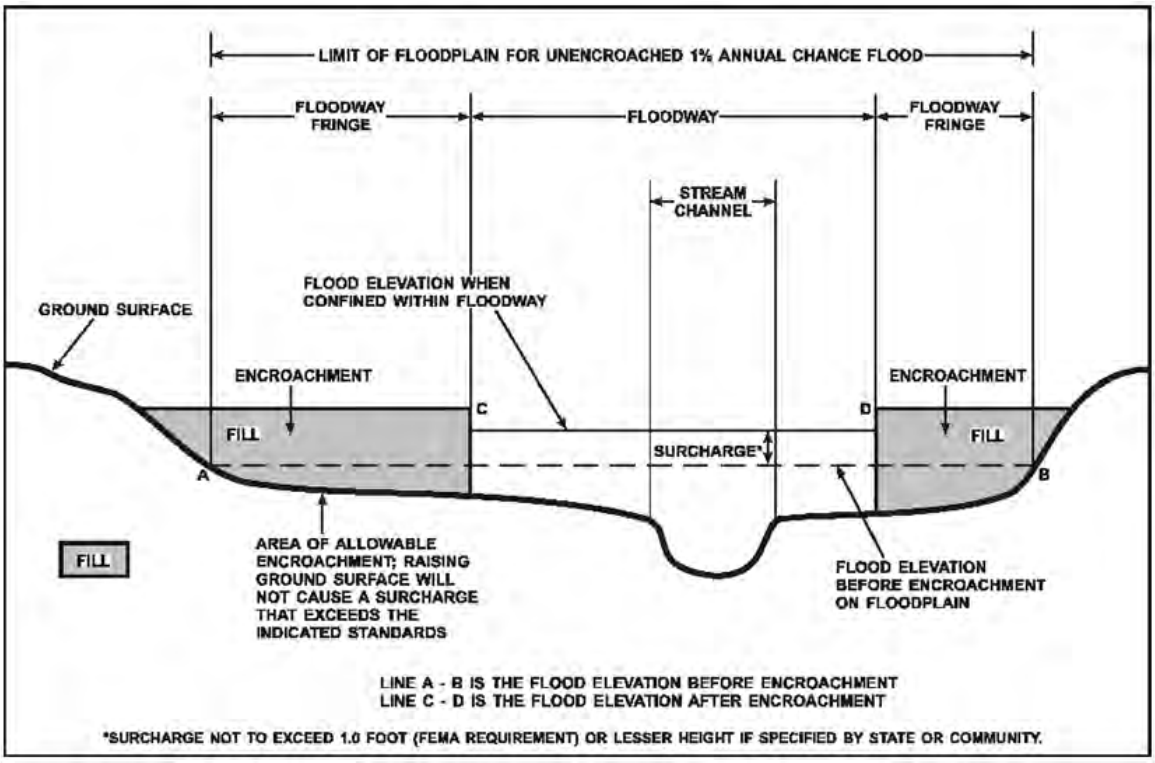
2.2 Floodways

Encroachment on floodplains, such as structures and fill, reduces flood-carrying capacity, increases flood heights and velocities, and increases flood hazards in areas beyond the encroachment itself. One aspect of floodplain management involves balancing the economic gain from floodplain development against the resulting increase in flood hazard.

For purposes of the NFIP, a floodway is used as a tool to assist local communities in balancing floodplain development against increasing flood hazard. With this approach, the area of the 1-percent-annual-chance floodplain on a river is divided into a floodway and a floodway fringe based on hydraulic modeling. The floodway is the channel of a stream, plus any adjacent floodplain areas, that must be kept free of encroachment in order to carry the 1-percent-annual-chance flood. The floodway fringe is the area between the floodway and the 1-percent-annual-chance floodplain boundaries where encroachment is permitted. The floodway must be wide enough so that the floodway fringe could be completely obstructed without increasing the water surface elevation of the 1-percent-annual-chance flood more than 1 foot at any point. Typical relationships between the floodway and the floodway fringe and their significance to floodplain development are shown in Figure 4.

To participate in the NFIP, Federal regulations require communities to limit increases caused by encroachment to 1.0 foot, provided that hazardous velocities are not produced. The floodways in this project are presented to local agencies as minimum standards that can be adopted directly or that can be used as a basis for additional floodway projects.

Figure 4: Floodway Schematic



Floodway widths presented in this FIS Report and on the FIRM were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. For certain stream segments, floodways were adjusted so that the amount of floodwaters conveyed on each side of the floodplain would be reduced equally. The results of the floodway computations have been tabulated for selected cross sections and are shown in Table 23, "Floodway Data."

All floodways that were developed for this Flood Risk Project are shown on the FIRM using the symbology described in Figure 3. In cases where the floodway and 1-percent-annual-chance floodplain boundaries are either close together or collinear, only the floodway boundary has been shown on the FIRM. For information about the delineation of floodways on the FIRM, refer to Section 6.3.

2.3 Base Flood Elevations

The hydraulic characteristics of flooding sources were analyzed to provide estimates of the elevations of floods of the selected recurrence intervals. The BFE is the elevation of the 1-percent-annual-chance flood. These BFEs are most commonly rounded to the whole foot, as shown on the FIRM, but in certain circumstances or locations they may be rounded to 0.1 foot. Cross section lines shown on the FIRM may also be labeled with the BFE rounded to 0.1 foot. Whole-foot BFEs derived from engineering analyses that apply to coastal areas, areas of ponding, or other static areas with little elevation change may also be shown at selected intervals on the FIRM.

Cross sections with BFEs shown on the FIRM correspond to the cross sections shown in the Floodway Data table and Flood Profiles in this FIS Report. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS Report in conjunction with the data shown on the FIRM. For example, the user may use the FIRM to determine the stream station of a location of interest and then use the profile to determine the 1-percent annual chance elevation at that location. Because only selected cross sections may be shown on the FIRM for riverine areas, the profile should be used to obtain the flood elevation between mapped cross sections. Additionally, for riverine areas, whole-foot elevations shown on the FIRM may not exactly reflect the elevations derived from the hydraulic analyses; therefore, elevations obtained from the profile may more accurately reflect the results of the hydraulic analysis.

2.4 Non-Encroachment Zones

This section is not applicable to this Flood Risk Project.

2.5 Coastal Flood Hazard Areas

For most areas along rivers, streams, and small lakes, BFEs and floodplain boundaries are based on the amount of water expected to enter the area during a 1-percent-annual-chance flood and the geometry of the floodplain. Floods in these areas are typically caused by storm events. However, for areas on or near ocean coasts, large rivers, or large bodies of water, BFE and floodplain boundaries may need to be based on additional components, including storm surges and waves.

Coastal flooding sources that are included in this Flood Risk Project are shown in Table 2.

2.5.1 Water Elevations and the Effects of Waves

Specific terminology is used in coastal analyses to indicate which components have been included in evaluating flood hazards.

The stillwater elevation (SWEL or still water level) is the surface of the water resulting from astronomical tides, storm surge, and freshwater inputs, but excluding wave setup contribution or the effects of waves.

- *Astronomical tides* are periodic rises and falls in large bodies of water caused by the rotation of the earth and by the gravitational forces exerted by the earth, moon and sun.
- *Storm surge* is the additional water depth that occurs during large storm events. These events can bring air pressure changes and strong winds that force water up against the shore.
- *Freshwater inputs* include rainfall that falls directly on the body of water, runoff from surfaces and overland flow, and inputs from rivers.

The 1-percent-annual-chance stillwater elevation is the stillwater elevation that has been calculated for a storm surge from a 1-percent-annual-chance storm. The 1-percent-annual-chance storm surge can be determined from analyses of tidal gage records, statistical study of regional historical storms, or other modeling approaches. Stillwater elevations for storms of other frequencies can be developed using similar approaches.

The total stillwater elevation (also referred to as the mean water level) is the stillwater elevation plus wave setup contribution but excluding the effects of waves.

- *Wave setup* is the increase in stillwater elevation at the shoreline caused by the reduction of waves in shallow water. It occurs as breaking wave momentum is transferred to the water column.

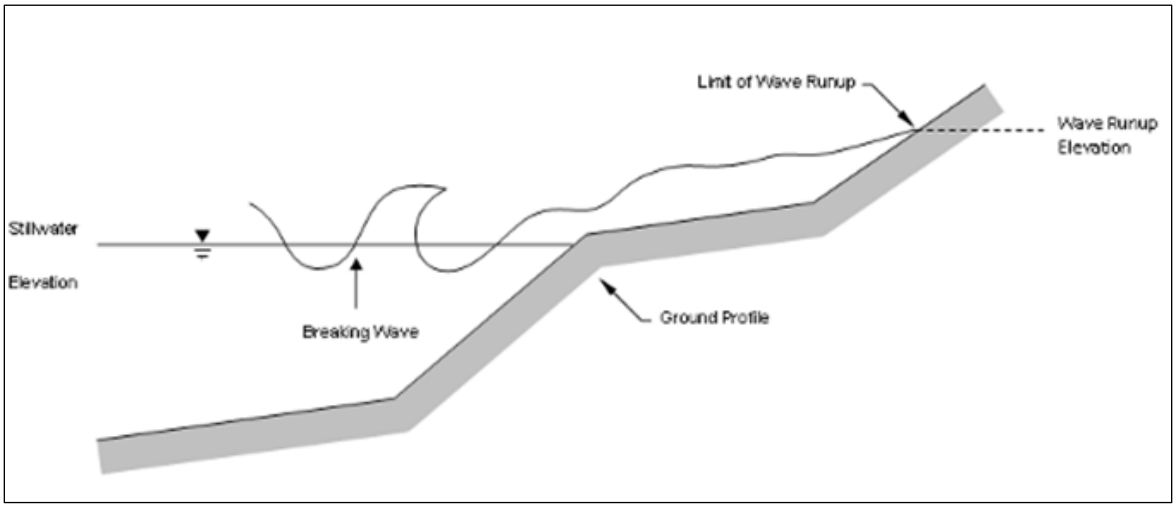
Like the stillwater elevation, the total stillwater elevation is based on a storm of a particular frequency, such as the 1-percent-annual-chance storm. Wave setup is typically estimated using standard engineering practices or calculated using models, since tidal gages are often sited in areas sheltered from wave action and do not capture this information.

Coastal analyses may examine the effects of overland waves by analyzing storm-induced erosion, overland wave propagation, wave runup, and/or wave overtopping.

- *Storm-induced erosion* is the modification of existing topography by erosion caused by a specific storm event, as opposed to general erosion that occurs at a more constant rate.
- *Overland wave propagation* describes the combined effects of variation in ground elevation, vegetation, and physical features on wave characteristics as waves move onshore.
- *Wave runup* is the uprush of water from wave action on a shore barrier. It is a function of the roughness and geometry of the shoreline at the point where the stillwater elevation intersects the land.

- *Wave overtopping* refers to wave runup that occurs when waves pass over the crest of a barrier.

Figure 5: Wave Runup Transect Schematic



2.5.2 Floodplain Boundaries and BFEs for Coastal Areas

For coastal communities along the Atlantic and Pacific Oceans, the Gulf of Mexico, the Great Lakes, and the Caribbean Sea, flood hazards must take into account how storm surges, waves, and extreme tides interact with factors such as topography and vegetation. Storm surge and waves must also be considered in assessing flood risk for certain communities on rivers or large inland bodies of water.

Beyond areas that are affected by waves and tides, coastal communities can also have riverine floodplains with designated floodways, as described in previous sections.

Floodplain Boundaries

In many coastal areas, storm surge is the principle component of flooding. The extent of the 1-percent-annual-chance floodplain in these areas is derived from the total stillwater elevation (stillwater elevation including storm surge plus wave setup) for the 1-percent-annual-chance storm. The methods that were used for calculation of total stillwater elevations for coastal areas are described in Section 5.3 of this FIS Report. Location of total stillwater elevations for coastal areas are shown in Figure 8, “1% Annual Chance Total Stillwater Levels for Coastal Areas.”

In some areas, the 1-percent-annual-chance floodplain is determined based on the limit of wave runup or wave overtopping for the 1-percent-annual-chance storm surge. The methods that were used for calculation of wave hazards are described in Section 5.3 of this FIS Report.

Table 25 presents the types of coastal analyses that were used in mapping the 1-percent-annual-chance floodplain in coastal areas.

Coastal BFEs

Coastal BFEs are calculated as the total stillwater elevation (stillwater elevation including storm surge plus wave setup) for the 1-percent-annual-chance storm plus the additional flood hazard from overland wave effects (storm-induced erosion, overland wave propagation, wave runup and wave overtopping).

Where they apply, coastal BFEs are calculated along transects extending from offshore to the limit of coastal flooding onshore. Results of these analyses are accurate until local topography, vegetation, or development type and density within the community undergoes major changes.

Parameters that were included in calculating coastal BFEs for each transect included in this FIS Report are presented in Table 16, "Coastal Transect Parameters." The locations of transects are shown in Figure 9, "Transect Location Map." More detailed information about the methods used in coastal analyses and the results of intermediate steps in the coastal analyses are presented in Section 5.3 of this FIS Report. Additional information on specific mapping methods is provided in Section 6.4 of this FIS Report.

2.5.3 Coastal High Hazard Areas

Certain areas along the open coast and other areas may have higher risk of experiencing structural damage caused by wave action and/or high-velocity water during the 1-percent-annual-chance flood. These areas will be identified on the FIRM as Coastal High Hazard Areas.

- *Coastal High Hazard Area (CHHA)* is a SFHA extending from offshore to the inland limit of the primary frontal dune (PFD) or any other area subject to damages caused by wave action and/or high-velocity water during the 1-percent-annual-chance flood.

- *Primary Frontal Dune (PFD)* is a continuous or nearly continuous mound or ridge of sand with relatively steep slopes immediately landward and adjacent to the beach. The PFD is subject to erosion and overtopping from high tides and waves during major coastal storms.

CHHAs are designated as "V" zones (for "velocity wave zones") and are subject to more stringent regulatory requirements and a different flood insurance rate structure. The areas of greatest risk are shown as VE on the FIRM. Zone VE is further subdivided into elevation zones and shown with BFEs on the FIRM.

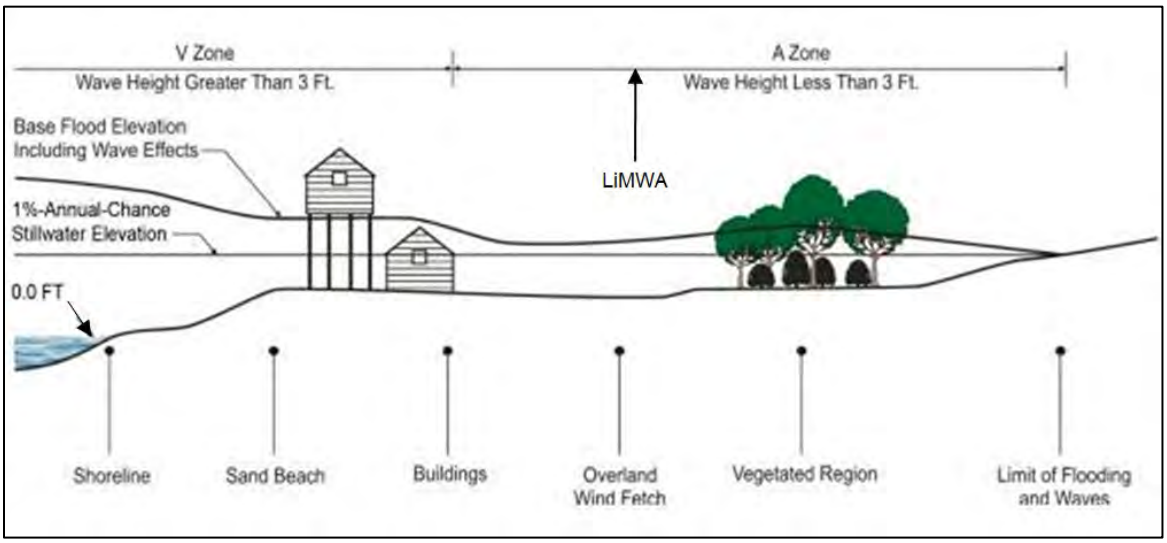
The landward limit of the PFD occurs at a point where there is a distinct change from a relatively steep slope to a relatively mild slope; this point represents the landward extension of Zone VE. Areas of lower risk in the CHHA are designated with Zone V on the FIRM. More detailed information about the identification and designation of Zone VE is presented in Section 6.4 of this FIS Report.

Areas that are not within the CHHA but are SFHAs may still be impacted by coastal flooding and damaging waves; these areas are shown as "A" zones on the FIRM.

Figure 6, "Coastal Transect Schematic," illustrates the relationship between the base flood elevation, the 1-percent-annual-chance stillwater elevation, and the ground profile as well

as the location of the Zone VE and Zone AE areas in an area without a PFD subject to overland wave propagation. This figure also illustrates energy dissipation and regeneration of a wave as it moves inland.

Figure 6: Coastal Transect Schematic



Methods used in coastal analyses in this Flood Risk Project are presented in Section 5.3 and mapping methods are provided in Section 6.4 of this FIS Report.

Coastal floodplains are shown on the FIRM using the symbology described in Figure 3, "Map Legend for FIRM." In many cases, the BFE on the FIRM is higher than the stillwater elevations shown in Table 16 due to the presence of wave effects. The higher elevation should be used for construction and/or floodplain management purposes.

2.5.4 Limit of Moderate Wave Action

This section is not applicable to this Flood Risk Project.

SECTION 3.0 – INSURANCE APPLICATIONS

3.1 National Flood Insurance Program Insurance Zones

For flood insurance applications, the FIRM designates flood insurance rate zones as described in Figure 3, "Map Legend for FIRM." Flood insurance zone designations are assigned to flooding sources based on the results of the hydraulic or coastal analyses. Insurance agents use the zones shown on the FIRM and depths and base flood elevations in this FIS Report in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

The 1-percent-annual-chance floodplain boundary corresponds to the boundary of the areas of special flood hazards (e.g. Zones A, AE, V, VE, etc.), and the 0.2-percent-annual-chance floodplain boundary corresponds to the boundary of areas of additional flood hazards.

Table 3 lists the flood zones in Santa Barbara County**.**

Table 3: Flood Zone Designations by Community

Community	Flood Zone(s)
Buellton, City of	AE, AO, X
Carpinteria, City of	A, AE, VE, X
Goleta, City of	A, AE, AO, VE, X
Guadalupe, City of	A, X
Lompoc, City of	A, AE, AH, D, X
Santa Barbara, City of	A, AE, AH, AO, VE, X
Santa Barbara County (Unincorporated Areas)	A, AE, AH, AO, D, VE, X
Santa Maria, City of	A, AE, AH, AO, X
Santa Ynez Band of Chumash Indians	D
Solvang, City of	AE, X

SECTION 4.0 – AREA STUDIED

4.1 Basin Description

Table 4 contains a description of the characteristics of the HUC-8 sub-basins within which each community falls. The table includes the main flooding sources within each basin, a brief description of the basin, and its drainage area.

Table 4: Basin Characteristics

HUC-8 Sub-Basin Name	HUC-8 Sub-Basin Number	Primary Flooding Source	Description of Affected Area	Drainage Area (square miles)
Central Coastal	18060006	Pacific Ocean	This basin is primarily located in San Luis Obispo.	1,924
Cuyama	18060007	Cuyama River	This basin runs through southern San Luis Obispo County, northern Santa Barbara County, and northern Ventura County.	1,144
San Antonio	18060009	San Antonio Creek	Located in the northwest corner of Santa Barbara County.	297
San Pedro Channel Islands	18070107	Pacific Ocean	Minor islands off the coast.	701
Santa Barbara Channel Islands	18060014	Pacific Ocean	Minor islands off the coast.	701

Table 4: Basin Characteristics

HUC-8 Sub-Basin Name	HUC-8 Sub-Basin Number	Primary Flooding Source	Description of Affected Area	Drainage Area (square miles)
Santa Barbara Coastal	18060013	Pacific Ocean	The basin is bounded by the Mission Ridge fault to the north, the Santa Barbara and Montecito basins to the east, and an unnamed fault to its west. Sycamore, Mission, and San Roque Creeks, and Arroyo Burro drain the basin before discharging into the Pacific Ocean.	671
Santa Clara	18070102	Pacific Ocean	The largest watershed which originates in Los Angeles County. Approximately one-half of the watershed is located in Ventura County and one-half is in Los Angeles County, with small portions in Kern and Santa Barbara Counties.	1626
Santa Maria	18060008	Santa Maria River	The basin is located in southern San Luis Obispo County and northern Santa Barbara County. The watershed includes the major tributaries of the Cuyama and Sisquoc Rivers as well as a number of smaller tributaries.	684
Santa Ynez	18060010	Santa Ynez River	The river originates in Los Padres National Forest, on the northern slope of the Santa Ynez Mountains near the Ventura County border and drains much of the southern half of Santa Barbara County.	897
Ventura	18070101	Ventura River	Originates on the south slopes of Pine Mountain northwest of the City of Ojai and flows into the Pacific Ocean.	335

4.2 Principal Flood Problems

Table 5 contains a description of the principal flood problems that have been noted for Santa Barbara County by flooding source.

Table 5: Principal Flood Problems

Flooding Source	Description of Flood Problems
Alamo Pintado Creek, Buena Vista Creek, East Branch, Oak Creek, Romero Canyon Creek, San Ysidro Creek, Tributaries of the Santa Ynez River, Toro Creek, and Zaca Creek	One of the most devastating floods in Santa Barbara County occurred in January and February 1969, approaching the magnitude of the 1907 flood, which occurred when the county was relatively undeveloped. The floods wreaked unprecedented damage on property in Santa Barbara County and caused the deaths of at least five persons. Localized overflows occurred along Alamo Pintado Creek, Zaca Creek, and many other tributaries of the Santa Ynez River. Most of the tributaries were subject to bank erosion; and damage occurred to small bridges crossing the tributaries. Other damage in Santa Barbara County occurred to residential, commercial, agricultural, and public property; highways, railroads and bridges; utilities; and irrigation and floodcontrol facilities. As a result of the two floods (1907 and 1969) combined, the county sustained nearly $22 million in damage. Santa Barbara County was declared a disaster area on January 25, 1969. The most extreme flood in 55 years drove hundreds from their homes, caused $4,500,000 in property damage and closed most highways leading out of the area. Flooding occurred at the East and West branches of Toro Creek, Oak Creek, San Ysidro Creek, Buena Vista Creek, and Romero Canyon Creek (USACE, 1974). The Santa Ynez River experienced 16-inches of rain fell at Juncal Dam in a 24-hour period. The 1969 storm was equivalent to a 1-percent-annual-chance storm in the upper Santa Ynez watershed and the Lompoc, San Antonio, Santa Maria, and Goleta Valleys experienced a 5- to 10-year storm. The channel capacity of Rincon Creek is affected by the dense growth of trees and bushes in the main channel and overbank areas. Installation of the bridge culvert crossing U.S. Highway 101 and Southern Pacific Railroad (SPRR) further obstructs the floodflow. During the 1969 storms, several near-bank residential houses along the reach downstream of the U.S. Highway 101 culvert were threatened by the floods, and one house near the ocean was badly damaged. A prime cause of flooding during the January 1969 flood in the City of Carpentaria was the debris resulting from high-intensity rains in the mountains of the watershed above the city. The debris caused blockage of the culverts and bridges, as well as completely filling the streams at times. These blockages caused overtopping of the streams, which resulted in the flooding of a large portion of Carpinteria. The City of Carpinteria and the SBCFCWCD have an extensive library of records and photographs of the flooding problems of the city.
Bradley Ditch	In the City of Santa Maria, shallow depth runoff from the Solomon Hills and plains west of Bradley Canyon flows northwest. The north-south axis of elevated U.S. Highway 101 intercepts the normal drainage pattern and diverts the runoff to Bradley Ditch, which acts as a collector of floodwaters within the city. Recent overbank grading and channel improvements have resulted in 1-percent-annual-chance flood channel capacity and very minimal 0.2-percentannual-chance flooding north of Alvin Avenue. South of Alvin Avenue there is some 1- and 0.2-percent-annual-chance flooding adjacent to the ditch. A portion of Bradley Ditch flows under the Jones Street-Santa Maria Valley Railway-U.S. Highway 101 bridge as shallow flooding.

Table 5: Principal Flood Problems

Flooding Source	Description of Flood Problems
Ellwood Canyon Wash	The principal flooding problems for Bell, Ellwood, and Winchester Canyon Washes are major ponding upstream of the U.S. Highway 101 culvert, and minor ponding behind culverts on Winchester Canyon Wash and on Ellwood Canyon Wash. For the 1-percent- annual-chance flood, a major breakout will occur on Ellwood Canyon Wash at River Mile 0.42 on the left overbank, and will not return to the channel until it reaches Bell Canyon Wash.
Mission Creek	During January 1952, there were floods on the south coast that propagated the formation of the flood control district. During these floods, more than 50 homes around Mission Creek were inundated and there were many large-scale evacuations. The Area around Mission Creek was evacuated during more recent storms in both 2023 and 2024 and the stream overtopped the bridge at Haley and De La Vina, as well as flooded Haley Street and Cota Street among other places.
Mission Creek and Sycamore Creek	The watershed between Mission and Sycamore Creeks, approximately 1,600 acres, is known as the Central Drainage Area. Because of inadequate local drainage in the City of Santa Barbara, there is frequent flooding of this highly urbanized area. Because of the alluvial-cone topography in the Santa Barbara area, the overbank flows may separate, become independent of the main flow, and never return to the stream channel. Consequently, resulting overland flows could inundate areas that appear to be higher than the nearby channels. Also, bank erosion could lead to undercutting and damage to structures with floor elevations higher than a base flood elevation. A fire in a watershed could increase the size and amount of debris to the extent that some constrictions, which normally would have passed a floodflow, could become plugged, causing additional areas to be flooded. Overbank flows become independent of the main stream channel flow and result in sheetflow in several areas. In particular, Mission Creek and Arroyo Burro Creek break out during the 1- and 0.2-percent-annual-chance flood events and inundate large areas. In most cases, depths of these flows are 3 feet or less. Because of the broad areal extent of these breakouts, and because these breakouts would occur in residential areas, they could cause substantial flood damage in the City of Santa Barbara.

Table 5: Principal Flood Problems

Flooding Source	Description of Flood Problems
Montecito, Cold Springs, Hot Springs, San Antonio, and San Ysidro Creeks, Buena Vista Creeks	Relatively light rain, which fell on portions of the watershed, burned by the Coyote Fire, caused flooding in the area of Montecito, Hot Springs, Cold Springs, and San Ysidro Creeks in November 1964. Record high flows were recorded in San Antonio and Montecito Creeks. Damage to public and private property was in the millions of dollars and hundreds were forced to evacuate their homes. Eyewitnesses to the flood reported over 20-foot walls of water, mud, boulders, and trees moving down the channels at approximately 15 miles per hour. These storms also resulted in the destruction of twelve homes and six bridges in the Mission Creek area. Bridges were swept away, and flows inundated large areas damaging structures and depositing debris (USACE, 1974). More than $300,000 worth of damage was done to public and private property. Santa Barbara County is subject to the drought fire flood cycle that affects much of southern California, the steep coastal mountains discharge high velocity waters into the relatively shallow coastal plain, with potential for much damage and little warning. The debris flow of January 9, 2018 caused fatalities and damaged and/or destroyed over 500 structures in Montecito. The county has expanded and worked multiple basins and the USACE received an expanded debris mission from FEMA to remove debris from channels of 11 debris basins to restore capacity and reduce the risk of flooding to homes and businesses. The debris basins performed well in very recent storms at the beginning of the year in 2024. Evacuation and shelter in place has been used in the most recent storms of 2023 and 2024.
Pacific Ocean	Tidal waves stemming from Eastern Aleutian earthquakes hit the Santa Barbara County beachfront area on April 1, 1946. The first wave inundated the beach at 10:30 a.m. and eight more followed by 1:30 p.m. A 6-foot wave hit the Santa Barbara beach just after 1:00 p.m. It had been preceded by a 3-foot wave, sweeping in on a minimum tide (Los Angeles Times, 1946; USACE, 1978; Steve Howe, 1978). Storms in February and March of 1978 caused inundation of agricultural areas, mudslides, and millions of dollars of damage. A combination of high astronomical tides, strong onshore winds, and high storm waves resulted in coastal flooding along the coastline of Santa Barbara County. Storm wave action contributed to a slide resulting in the total loss of two cliff top houses southwest of Santa Barbara. Beaches and other recreational facilities at the El Capitan, Gaviota, and Carpinteria State Beaches also suffered damage from storm wave conditions. (Los Angeles Times, 1946; USACE, 1978; Steve Howe, 1978).
Rincon Creek	Due to insufficient capacity of the culvert crossing U.S. Highway 101 and SPRR, a breakout will occur at the upstream culvert entrance during the 1-percent-annual-chance flood event. Flow in excess of the culvert capacity flows overland across the freeway interchange and spreads laterally
San Antonio Creek	The greatest damage incurred during the February and March flooding incidents in the San Antonio Creek drainage area was to agriculture. Much of the flooding was a result of silting of channels. Over 200 acres were flooded with water depths ranging from 2 to 8 feet. Other damage within the county included damage to residential, business, industrial, and public properties; highways, bridges, and railroads, utilities, and flood-control facilities.

Table 5: Principal Flood Problems

Flooding Source	Description of Flood Problems
San Antonio Creek, Santa Maria River, and Santa Ynez River basins	There are four principal drainage systems in Santa Barbara County; they are the Santa Maria River basin, the San Antonio Creek basin, the Santa Ynez River basin, and south coastal streams drainage basins. There are also smaller stream basins in Goleta, the Santa Barbara Stream Group Basin, and stream basins in the Lompoc area. Runoff in these stream basins is typical of most streams in southern California. Streamflow is negligible, except during and immediately after rains, because climatic and basin characteristics are not conducive to continuous runoff; however, it increases rapidly in response to high- intensity precipitation. The flow does not continue long after the winter precipitation season due to the absence of snow pack. High-intensity rainfall, in combination with the effects of impervious soil types, possible denudation by fire, and steep gradients on most channels, results in intense debris-laden floods (U.S. Department of Housing and Urban Development, 1978). Highways and bridges across the streams and creeks obstruct major floodflow; many would be overtopped in the event of a 1-percent-annual-chance flood. Additional obstruction to floodflow is the dense growth of trees and bushes in the main channels and overflow areas. Other flooding problems are caused by inadequate channel and culvert capacities. Santa Barbara County has had a long history of flooding. Floods of record date back more than 100 years. Three storms between December 1861 and January 1862, collectively called the Great Floods, produced some of the largest flood discharges ever experienced in California. These storms changed the landscape of the County.
San Jose Creek	In a 1-percent-annual-chance flood event, floodwater will break out at the reach upstream of Hollister Avenue because of insufficient capacity of the natural channel. Portions of the breakout flows, after traveling in the form of sheetflows, will return to the creek.
Santa Ynez River	The largest flood of record on Santa Ynez River occurred in January 1907 as a result of a 4-day storm and had an estimated peak flow of 120,000 cubic feet per second (cfs) at Lompoc (near the present State Highway 246 bridge). Flood damage occurred primarily to agricultural, residential, highway and railroad properties and was estimated at $38,500 (1907 dollars) for the entire Santa Ynez River Basin. Rains beginning January 15, 1914, continued for nearly two weeks and were more severe in the south coast streams. Sixteen inches of rainfall, climaxed by over 4 inches in 2 hours on the final day, caused damage in both suburban and rural areas.
Zaca Creek	For the 1-percent-annual-chance flood, water will break out at the MacMurray Road culvert and will then continue in the right overbank along the general alignment of the channel. At U.S. Highway 101, approximately 1,500 cfs will break out and continue south along U.S. Highway 101 but will not return to the channel. At the upstream end of the Andersen Inn culvert, approximately 500 cfs will flow toward the freeway cut. At State Highway 246, approximately 200 cfs will break out, cause shallow flooding in the recreation vehicle park south of the highway, and will not return to the channel. At Avenue of the Flags, approximately 1,150 cfs will break out and flow south along Avenue of the Flags and the swale along the recreational vehicle park perimeter road.

Table 6 contains information about historic flood elevations in the communities within Santa Barbara County**.**

Table 6: Historic Flooding Elevations

[Not applicable to this Flood Risk Project]

4.3 Dams and Other Flood Hazard Reduction Measures

Table 7 contains information about non-levee flood hazard reduction measures within Santa Barbara County such as dams or jetties. Levee systems are addressed in Section 4.4 of this FIS Report.

Table 7: Dams and Other Flood Hazard Reduction Measures

Flooding Source	Structure Name	Type of Measure	Location	Description of Measure
Alamo Pintado Creek	N/A	Creek bank reinforcement	N/A	Steel pipes placed in 1977 by the SCS.
East Fork Zanja De Cota	Unnamed Road Dam	Dam	Unnamed Road	Unnamed Road Dam
East-West Channel	N/A	Channel grading	North A Street to North H Street within the City of Lompoc	Graded to a semi-improved condition.
Franklin Creek	N/A	Debris basin	Near the City of Carpinteria	Debris basin
Mission Creek	N/A	Debris basin	In the City of Santa Barbara	USACE constructed; No regulating effect on large flooding events.
Mission Creek	N/A	Channel improvements	North of U.S. Highway 101	Channel realignment and channel lining.

Table 7: Dams and Other Flood Hazard Reduction Measures

Flooding Source	Structure Name	Type of Measure	Location	Description of Measure
San Miguelito Creek	N/A	Rock-riprap lined channel; concrete-lined channel	From confluence of Santa Ynez River to approximately 1,000 feet upstream of southern corporate limit of the City of Lompoc	Constructed by the SCS, rock- riprap-lined channel from its mouth to Central Avenue. Modification does not contain the 1-percent annual-chance flood.
San Miguelito Creek	N/A	Channel improvements	Central Avenue to West Olive Avenue	Concrete-lined channel from Central Avenue to the debris basin at West Olive Avenue. Modification does not contain the 1-percent annual-chance flood.
San Miguelito Creek	N/A	Channel improvements	West Olive Avenue to upstream limit	A concrete-lined channel from the debris basin extending to the upstream limit of the modifications. Modification does not contain the 1-percent annual-chance flood
San Roque	N/A	Debris basin	In the City of Santa Barbara	USACE constructed; No regulating effect on large flooding events.
Santa Monica Creek	N/A	Debris basin	Near the City of Carpinteria	Debris basin
Santa Monica Creek	N/A	Concrete channel	Within the City of Carpinteria	Debris basin

4.4 Levee Systems

For purposes of the NFIP, FEMA only recognizes levee systems that meet, and continue to meet, minimum design, operation, and maintenance standards that are consistent with comprehensive floodplain management criteria. The Code of Federal Regulations, Title

44, Section 65.10 (44 CFR 65.10) describes the information needed for FEMA to determine if a levee system reduces the flood hazard from the 1-percent-annual-chance flood. This information must be supplied to FEMA by the community or other party when a flood risk study or restudy is conducted, when FIRMs are revised, or upon FEMA request. FEMA reviews the information for the purpose of establishing the appropriate flood hazard zone.

Levee systems that are determined to reduce the hazard from the 1-percent-annual-chance flood are accredited by FEMA. FEMA can also grant provisional accreditation to a levee system that was previously accredited on an effective FIRM and for which FEMA is awaiting data and/or documentation to demonstrate compliance with 44 CFR 65.10. These levee systems are referred to as Provisionally Accredited Levees, or PALs. Provisional accreditation provides communities and levee owners with a specified timeframe to obtain the necessary data to confirm the levee system's accreditation status. Accredited levee systems and PALs are shown on the FIRM using the symbology shown in Figure 3. If the required information for a PAL is not submitted within the required timeframe, or if information indicates that a levee system no longer meets 44 CFR 65.10, FEMA will consider the levee system as non-accredited and issue an effective FIRM showing the levee-impacted area as a SFHA or Zone D.

In Zone D areas, floodplain management requirements are applied at the discretion of local officials as long as the community complies with the minimum standards of the National Flood Insurance Program (NFIP) regulations cited at 44 CFR 60.3(a). FEMA will depict the Zone D area landward of the levee system on the FIRM with a different symbology than the traditional Zone D area. The differentiation between Zone D symbology will allow various stakeholders to identify Zone D areas landward of the levee system for use in determining flood insurance requirements, enforcing floodplain management and mitigation, and communicating risk. For additional information regarding floodplain management requirements within Zone D areas, please consult with the local floodplain administrator for these communities. There is water surface elevation information available for these Zone D areas for communities use, as referenced in the Zone D Fact Sheets:

- Understanding Zone D for Levees: "Areas of Undetermined Flood Hazards" www.fema.gov/sites/default/files/2020-08/fema_understanding-zone-D-levees.pdf

- Modeling and Mapping Non-Accredited Levees: Understanding the Zone D Designation www.fema.gov/media-library-data/5b0ef91fd61d29eb3d4be72a47d6f140/508_LAMP_FS_ZoneD.pdf

FEMA coordinated with the USACE, the local communities, and other organizations to compile a list of levee systems that exist within Santa Barbara County. Table 8, "Levee Systems," lists all accredited levee systems, PALs, and non-accredited levee systems shown on the FIRM for this FIS Report. Other categories of levees may also be included in the table. The Levee ID shown in this table may not match numbers based on other identification systems that were listed in previous FIS Reports. Levee systems identified in the table are displayed on the FIRM with notes to users to indicate their flood hazard mapping status.

Please note that the information presented in Table 8 is subject to change at any time. For that reason, the latest information regarding the levee systems presented in the table may be obtained by accessing the National Levee Database. For additional information, contact the levee owner/sponsor or the local community shown in Table 30.

Table 8: Levee Systems

Community	Flooding Source(s)	NLD Levee System ID	NLD Levee System Name	Levee System Status on Effective FIRM	FIRM Panel(s)	Levee Owner(s) / Sponsor(s)
Lompoc, City of	East-West Channel	*	*	*	06083C0739G	*
Santa Barbara County, Unincorporated Areas	Santa Maria River	*	*	*	06083C0160F 06083C0180F	*
Santa Barbara County, Unincorporated Areas	Santa Maria River	*	*	*	06083C0160F 06083C0180F	*
Santa Maria, City of	Santa Maria River	*	*	*	06083C0185F 06083C0205F	USACE

*Data not available

SECTION 5.0 – ENGINEERING METHODS

For the flooding sources in the community, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude that are expected to be equaled or exceeded at least once on the average during any 10-, 25-, 50-, 100-, or 500-year period (recurrence interval) have been selected as having special significance for floodplain management. These events, commonly termed the 10-, 25-, 50-, 100-, and 500-year floods, have a 10-, 4-, 2-, 1-, and 0.2-percent-annual-chance, respectively, of being equaled or exceeded during any year.

Although the recurrence interval represents the long-term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than 1 year are considered. For example, the risk of having a flood that equals or exceeds the 100-year flood (1-percent chance of annual exceedance) during the term of a 30-year mortgage is approximately 26 percent (about 3 in 10); for any 90-year period, the risk increases to approximately 60 percent (6 in 10). The analyses reported herein reflect flooding potentials based on conditions existing in the community at the time of completion of this study. Maps and flood elevations will be amended periodically to reflect future changes.

The engineering analyses described here incorporate the results of previously issued Letters of Map Change (LOMCs) listed in Table 26, “Incorporated Letters of Map Change”, which include Letters of Map Revision (LOMRs). For more information about LOMRs, refer to Section 6.5, “FIRM Revisions.”

5.1 Hydrologic Analyses

Hydrologic analyses were carried out to establish the peak elevation-frequency relationships for floods of the selected recurrence intervals for each flooding source studied. Hydrologic analyses are typically performed at the watershed level. Depending on factors such as watershed size and shape, land use and urbanization, and natural or man-made storage, various models or methodologies may be applied. A summary of the hydrologic methods applied to develop the discharges used in the hydraulic analyses for each stream is provided in Table 12. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation.

A summary of the discharges is provided in Table 9. Frequency Discharge-Drainage Area Curves used to develop the hydrologic models may also be shown in Figure 7 for selected flooding sources. A summary of stillwater elevations developed for non-coastal flooding sources is provided in Table 10. (Coastal stillwater elevations are discussed in Section 5.3 and shown in Table 16.) Stream gage information is provided in Table 11.

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Adobe Creek	At Confluence with Santa Ynez River	2.2	289	408	497	597	*	834
Adobe Creek	Approximately 1,500 feet downstream of Chalk Hill Road	1.9	263	368	447	536	*	744
Adobe Creek	At College Canyon Road	1.4	202	279	340	405	*	560
Alamo Pintado Creek	Downstream of the confluence with East Branch Alamo Pintado Creek	40.5	1,200	*	4,600	7,400	*	21,200
Alamo Pintado Creek	Upstream of the confluence of East Branch Alamo Pintado Creek	28.9	850	*	3,400	5,400	*	15,600
Alamo Pintado Creek	At Ballard	26.7	850	*	3,400	5,400	*	15,600
Alamo Pintado Creek	At Los Olivos	19.8	720	*	2,900	4,600	*	13,200
Alisal Creek	At Confluence with Santa Ynez River	12.2	2,748	3,806	4,656	5,504	*	7,513
Alisal Creek	At Buttonhook Road	10.9	2,393	3,329	4,078	4,828	*	6,611
Alisal Creek	Approx. 2,000-ft downstream of Sharon Place	9.8	2,101	2,943	3,614	4,285	*	5,889
Alisal Creek	Approx. 3,500-ft downstream of Alisal Dam	8.4	1,751	2,475	3,050	3,626	*	5,011
Arroyo Burro Creek	At confluence with Pacific Ocean	*	2,340	*	4,410	5,980	*	10,470

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Arroyo Burro Creek	Just upstream of Cliff Drive	*	1,590	*	4,390	5,950	*	10,390
Arroyo Burro Creek	At State Street	*	460	*	1,370	1,840	*	3,100
Arroyo Burro Creek Overflow Through Hidden Valley	Downstream of U.S. Highway 101	*	*	*	*	1,300	*	*
Arroyo Paredon	At Pacific Ocean	4.3	1,691	2,431	3,019	3,749	*	5,060
Arroyo Paredon	At Foothill Road	3.7	1,446	2,105	2,622	3,253	*	4,437
Arroyo Paredon	Approximately 1,200 feet downstream from Toro Canyon Park Road	3.0	1,211	1,766	2,203	2,734	*	3,724
Arroyo Paredon	At Toro Canyon Park Road	2.5	1,018	1,487	1,856	2,304	*	3,145
Arroyo Paredon Tributary	At Foothill Road	0.31	126	177	217	280	*	358
Atascadero Creek	Downstream of the confluence with San Jose Creek	35.6	6,700	*	15,000	19,500	*	31,000
Atascadero Creek	Upstream of the confluence with San Jose Creek	19.8	4,400	*	10,000	13,000	*	20,500
Atascadero Creek	Downstream of Maria Ygnacia Creek	18.9	4,600	*	10,500	13,500	*	21,500
Atascadero Creek	Upstream of Maria Ygnacia Creek	7.0	3,100	*	6,300	8,000	*	12,500
Atascadero Creek	Downstream of the confluence of Hospital Creek	5.1	2,400	*	5,000	6,500	*	10,500

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Atascadero Creek	Upstream of the confluence of Hospital Creek	3.6	1,700	*	3,800	4,900	*	7,700
Atascadero Creek	Downstream of the confluence of Cieneguitas Creek	3.2	1,500	*	3,300	4,300	*	6,900
Atascadero Creek	Upstream of the confluence of Cieneguitas Creek	1.2	400	*	1,000	1,300	*	2,200
Bell Canyon Wash	At U.S. 101	6.16	1,300[1]	*	3,300[1]	4,400[1]	*	7,600[1]
Bell Canyon Wash	Downstream of the confluences of Winchester Canyon Wash and Ellwood Canyon Wash	5.67	1,400	*	3,500	4,600	*	8,000
Blosser Ditch	At Taylor Street	2.64	160	*	390	490	*	760
Blosser Ditch	At Cox Lane	1.82	120	*	290	370	*	560
Blosser Ditch	At Donovan Road	1.79	120	*	290	360	*	550
Blosser Ditch	At Bunny Avenue	1.63	110	*	260	332	*	500
Blosser Ditch	At Alvin Avenue	0.67	50	*	110	140	*	200
Bradley Ditch	At Bradley Retention Basin Flow North	12.84	[2]	*	390	660	*	1,360
Bradley Ditch	At Bradley Retention Basin Flow Across U.S. Highway 101	12.84	320	*	420	420	*	420
Bradley Ditch	At Bradley Retention Basin Inflow	12.84	350	*	880	1,140	*	1,840
Bradley Ditch	At Donovan Road	12.42	340	*	850	1,110	*	1,780
Bradley Ditch	At Alvin Avenue	12.05	330	*	830	1,070	*	1,730

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Bradley Ditch	At Main Street	11.56	310	*	790	1,020	*	1,660
Bradley Ditch	Downstream of Jones Street Breakout	10.48	280	*	710	910	*	1,350
Bradley Ditch	Upstream of Jones Street Breakout	10.48	280	*	710	910	*	1,490
Bradley Ditch Breakout Flow Along Jones Street	At U.S. Highway 101	10.48	[2]	*	[2]	[2]	*	140
Branch Canyon Wash	Upstream of the confluence with Salisbury Canyon Wash	25.36	430	*	1,700	2,700	*	7,000
Buena Vista Creek (East)	Approximately 470 deet downstream from Boundary Drive	1	297	344	536	667	*	914
Buena Vista Creek (East)	At Alisos Drive	0.78	253	288	444	557	*	741
Canada Des Las Calaveras Creek	At Perkins Street	1.42	80	*	300	500	*	1,400
Carpinteria Creek	At Pacific Ocean	15	4,696	6,802	8,450	10,284	*	14,129
Carpinteria Creek	Confluence of Carpinteria Creek and Gobernador Creek	12.93	4,250	6,183	7,693	9,408	*	12,880
Carpinteria Creek	West of Snowball Mountain	4.04	1,579	2,246	2,761	3,376	*	4,508
Cieneguitas Creek	At Primavera Road	[3]	[3]	*	[3]	1,000	*	[3]
Coyote Creek	At the confluence with Westmont Creek	*	*	*	*	730	*	*
East Branch Alamo Pintado Creek	At the confluence with Alamo Pintado Creek	11.57	420	*	1,700	2,700	*	7,800

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
East Branch Alamo Pintado Creek	Downstream of the confluence of East Tributary to East Branch	10.44	400	*	1,700	2,700	*	7,700
East Branch Alamo Pintado Creek	Upstream of the confluence of East Tributary to East Branch	1.70	100	*	400	650	*	1,970
East Branch Toro Creek	Approximately 450 feet downstream from East Valley Rd	1.24	405	476	745	890	*	1,279
East Fork Maria Ygnacia Creek	At the confluence with Maria Ygnacia Creek	1.8	*	*	*	1,500	*	*
East Fork Zanja de Cota Creek	Downstream of Santa Ynez	8.75	380	*	1,500	2,400	*	6,800
East Fork Zanja de Cota Creek	At Refugio Road	14.7	2,157	2,872	3,395	4,011	*	5,403
East Fork Zanja de Cota Creek	Approximately 1290 feet upstream of Refugio Road	14.6	2,146	2,858	3,376	3,991	*	5,372
East Fork Zanja de Cota Creek	Approximately 3600 feet downstream of Mission Drive	13.1	1,947	2,594	3,053	3,610	*	4,848
East Fork Zanja de Cota Creek	Upstream of San Marcos Pass Road (State Highway 154)	7.56	370	*	1,450	2,400	*	6,700
East Fork Zanja de Cota Creek	Downstream of Santa Ynez	8.75	380	*	1,500	2,400	*	6,800

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
East Tributary to East Branch Alamo Pintado Creek	At mouth	8.74	350	*	1,400	2,300	*	6,500
East-West Channel	Near the confluence with San Miguelito Creek	1.20	260	*	560	720	*	1,280
East-West Channel	At A Street	0.35	110	*	230	300	*	520
El Dorado Creek	Approximately 7,800 feet upstream from confluence with Steer Creek	1.67	527	797	1,010	1,221	*	1,740
Ellwood Canyon Wash	At the confluence with Winchester Canyon Wash	3.88	1,100	*	1,930[4]	2,360[4]	*	3,170[4]
Ellwood Canyon Wash	At Cross Section A	3.47	1,100	*	2,200	3,600	*	6,200
Franklin Creek	Approximately 760 feet downstream from Foothill Road	3.07	1,334	1,856	2,264	2,864	*	3,719
Franklin Creek	At Casitas Pass Road	2.39	1,007	1,413	1,731	2,202	*	2,852
Franklin Creek	Approximately 2,100 feet upstream from Foothill Road	0.94	404	572	704	912	*	1,170
Garrapata Creek	At Pacific Ocean	0.75	294	330	503	577	*	819
Garrapata Creek	Approximately 250 feet downstream from Toro Canyon Park Road	0.3	149	169	260	294	*	429
Gobernador Creek	Confluence of El Dorado Creek and Steer Creek	6.32	2,195	3,228	4,030	4,867	*	6,804
Hot Springs Creek	At E Mountain Drive	0.85	322	381	600	712	*	1,044

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Laguna Channel	At mouth	3.95	*	1,690	*	2,409	*	*
Laguna Channel	Just downstream of Railroad crossing	3.12	*	*	*	2,014	*	*
Las Positas Creek	At the confluence with Arroyo Burro Creek	*	890	*	1,380	1,580	*	2,050
Las Vegas Creek	Above confluence with San Pedro Creek	2.4	900	*	2,250	3,600	*	5,040
Maria Ygnacia Creek	Approximately 1,500 feet upstream of mouth	11.7	*	*	*	8,500	*	*
Maria Ygnacia Creek	At Hollister Avenue	11.5	*	*	*	8,900	*	*
Maria Ygnacia Creek	At the confluence of San Antonio Creek	6.5	*	*	*	5,200	*	*
Maria Ygnacia Creek	At Cathedral Oaks Drive	6.1	*	*	*	5,300	*	*
Maria Ygnacia Creek	At the confluence of East Fork Maria Ygnacia Creek	4.0	*	*	*	4,000	*	*
Mission Creek	At De La Guerra Street	11.2	2300	*	5,200	7,445	*	12,900
Mission Creek	At State Street	7.2	*	*	*	7,100	*	*
Mission Creek	At Mission Canyon Road	6.6	2,469	*	4,261	4,858	*	6,355
Montecito Creek	At Pacific Ocean	6.9	3,320	3,699	5,636	6,619	*	9,216
Montecito Creek	At Highway 101	6.82	3,300	3,673	5,611	6,589	*	9,146
Montecito Creek	Near intersection of Parra Grande Ln and Rock Gate Rd	5.54	2,721	3,059	4,679	5,500	*	7,730

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Montecito Creek	Junction with Hot Springs Creek	4	2,066	2,315	3,545	4,173	*	5,839
Montecito Creek	Near intersection of W Fork Cold Spring and Cold Spring	3.49	1,896	2,130	3,263	3,837	*	5,369
Northridge Creek	At the confluence with Arroyo Burro Creek	*	410	*	600	690	*	920
Oak Creek	At Pacific Ocean	1.51	604	657	991	1,215	*	1,582
Oak Creek	Approximately 470 feet downstream from East Valley Rd	0.94	384	421	637	790	*	1,023
Old San Jose Creek	Approximately 105 feet upstream of Pine Avenue culvert	[5]	[2]	[2]	[2]	540	*	[2]
Orcutt Creek	At Mahoney Road	19.50	1,800	*	3,500	4,400	*	8,000
Orcutt Creek	At the confluence with Pine Creek	14.45	1,500	*	2,800	3,800	*	7,200
Orcutt Creek	Downstream of Southern Pacific Railroad	7.68	800	*	1,400	1,800	*	3,900
Orcutt Creek	Upstream of Southern Pacific Railroad	7.68	800	*	1,400	1,900	*	4,000
Orcutt Creek	Downstream of State Highway 135	7.30	800	*	1,400	1,900	*	4,000
Orcutt Creek	Upstream of State Highway 135	7.30	800	*	1,600	2,100	*	4,200
Orcutt Creek	Downstream of Bradley Road	6.65	750	*	1,500	2,000	*	4,000

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Orcutt Creek	Upstream of Bradley Road	6.65	800	*	1,800	2,400	*	4,200
Orcutt Creek	At U.S. Highway 101	3.79	500	*	1,100	1,500	*	2,600
Ostrich Creek	Approx. 7,000-ft downstream of Ostrich Creek/Roble Blanco	5.48	511	758	961	1,176	*	1,726
Ostrich Creek	At Confluence with Santa Ynez River	6.58	584	872	1,110	1,364	*	2,011
Rattlesnake Creek	At the confluence with Mission Creek	6.49	*	*	*	4,502	*	*
Rattlesnake Creek	Upstream of confluence of Rattlesnake Creek Unnamed Tributary 2	5.99	*	*	*	2,123	*	*
Rattlesnake Creek	Upstream of confluence of Rattlesnake Creek Unnamed Tributary 3	3.10	*	*	*	2,102	*	*
Rattlesnake Creek Unnamed Tributary 1	At the confluence with Rattlesnake Creek	0.46	*	*	*	634	*	*
Rattlesnake Creek Unnamed Tributary 2	At the confluence with Rattlesnake Creek	2.85	*	*	*	165	*	*
Rattlesnake Creek Unnamed Tributary 3	At the confluence with Rattlesnake Creek	0.42	*	*	*	490	*	*
Rincon Creek	At Pacific Ocean	14.8	6,910	7,761	11,949	14,169	*	19,649
Rincon Creek	At Rincon Road	13.22	6,418	7,208	11,099	13,185	*	18,228
Rincon Creek	At Casitas Pass Road	12.74	6,288	7,076	10,864	12,929	*	17,861

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Rincon Creek	Downstream from confluence with Catharina Creek	6.07	3,469	3,874	5,927	7,190	*	9,643
Rincon Creek	Approximately 7,750 feet upstream from confluence with Cathrina Creek	2.19	1,324	1,471	2,234	2,655	*	3,570
Romero Creek	Approximately 750 feet downstream from Hwy 101 at Pacific Ocean	6.12	1,909	2,173	3,357	4,045	*	5,613
Romero Creek	At confluence with Buena Vista Creek (East)	5.77	1,805	2,060	3,188	3,842	*	5,330
Romero Creek	Approximately 550 feet downstream from East Valley Rd	3.13	1,059	1,204	1,857	2,227	*	3,088
Salisbury Canyon Wash	Upstream of New Cuyama	23.74	400	*	1,600	2,500	*	6,700
San Antonio Creek	West of Los Alamos	42.92	780	*	3,200	5,300	*	14,700
San Antonio Creek	Downstream of U.S. Highway 101	39.67	770	*	3,100	5,200	*	14,400
San Antonio Creek	East of Los Alamos	34.37	680	*	2,800	4,600	*	12,700
San Antonio Creek (Tributary to Maria Ygnacia Creek)	At mouth	4.90	*	*	*	4,000	*	*
San Jose Creek	Upstream of the confluence with San Pedro Creek	8.70	[2]	*	[2]	5,055[6]	*	*

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
San Jose Creek	Downstream of the confluence with Old San Jose Creek	8.70	[2]	*	[2]	4,699[6]	*	*
San Jose Creek	Upstream of the confluence with Old San Jose Creek at Kellogg Avenue	8.70	*	*	*	4,481[6]	*	*
San Jose Creek	At Hollister Avenue	8.70	*	*	*	3,563[1]	*	*
San Jose Creek	Upstream of U.S. Highway 101	8.10	*	*	*	5,400	*	*
San Miguelito Creek	At Miguelito Road	7.30	1,400	*	3,200	4,200	*	7,400
San Pedro Creek	Below confluence with Las Vegas Creek	6.60	2,200	*	*	6,100	*	10,000
San Pedro Creek	Above confluence with Las Vegas Creek	4.10	1,100	*	*	3,500	*	5,600
San Roque	At Foothill Road	*	810	*	2,620	3,560	*	6,320
San Roque	At State Street	*	460	*	1,370	1,840	*	3,100
San Ysidro Creek	At Pacific Ocean	3.85	1,817	2,040	3,132	3,733	*	5,154
San Ysidro Creek	Approximately 500 feet upstream from Ennisbrook Drive	3.62	1,755	1,972	3,016	3,592	*	4,975
San Ysidro Creek	Just upstream from East Mountain Drive	3.04	1,576	1,764	2,695	3,188	*	4,414
Santa Monica Creek	At Pacific Ocean	8.49	3,807	5,969	7,747	9,389	*	12,030
Santa Monica Creek	At confluence with Franklin Creek	8.49	3,807	5,969	7,447	9,389	*	12,030

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Santa Monica Creek	Approximately 1,125 feet east of intersection of Lindberg Lane and Monte Alegre Drive	3.49	1,937	2,793	3,459	4,306	*	5,732
Santa Monica Creek	Approximately 745 feet from Monte Alegre Drive	2.81	1,615	2,316	2,859	3,540	*	4,712
Santa Monica Creek	Approximately 3.6 miles upstream from State Route 1	1.15	637	947	1,194	1,482	*	2,043
Santa Ynez River (at Lompoc)	At Floradale Avenue	832.00	34,000	*	93,000	118,000	*	160,000
Steer Creek	Approximately 9,000 feet upstream from confluence with El Dorado Creek and Gobernador Creek	2.21	769	1,147	1,445	1,771	*	2,469
Sutton Canyon	Approximately 12,000 upstream from confluence with Carpinteria Creek	0.67	285	420	524	645	*	876
Sycamore Creek Overflow – U.S. Highway 101	At Andre Clark Bird Refuge	*	487	*	1,091	1,288	*	1,919
Sycamore Creek	At mouth	3.65	1,410[7]	*	1,826[7]	1,975[7]	*	2,176[7]
Sycamore Creek	Upstream of U.S. Highway 101 (At mouth above numbers)	*	1,897	*	2,942	3,306	*	4,207
Sycamore Creek	Upstream of the confluence of Coyote Creek	1.33	987	1.276	1,492	1,686	*	2,145

[7]Decrease as a result of overflows at U.S. Highway 101

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Sycamore Creek	Approximately 300 feet downstream of the confluence of Sycamore Creek Unnamed Tributary 1	1.17	*	*	*	1,460	*	*
Sycamore Creek	Upstream of the confluence of Sycamore Creek Unnamed Tributary 1	0.73	*	*	*	867	*	*
Sycamore Creek	Upstream of the confluence of Sycamore Creek Unnamed Tributary 2	0.35	*	*	*	353	*	*
Sycamore Creek	Upstream of the confluence of Sycamore Creek Unnamed Tributary 3	0.19	*	*	*	244	*	*
Sycamore Creek Unnamed Tributary 1	At the confluence with Sycamore Creek	0.42	*	*	*	506	*	*
Sycamore Creek Unnamed Tributary 1	Approximately 300 feet downstream of Orizaba Road	0.35	*	*	*	330	*	*
Sycamore Creek Unnamed Tributary 1	Upstream of the confluence of Sycamore Creek Unnamed Tributary 1-1	0.27	*	*	*	212	*	*
Sycamore Creek Unnamed Tributary 1	Upstream of confluence of Sycamore Creek Unnamed Tributary 1-2	0.08	*	*	*	80	*	*

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Sycamore Creek Unnamed Tributary 1-1	At confluence with Sycamore Creek Unnamed Tributary 1	0.08	*	*	*	118	*	*
Sycamore Creek Unnamed Tributary 1-2	At confluence with Sycamore Creek Unnamed Tributary 1	0.13	*	*	*	70	*	*
Sycamore Creek Unnamed Tributary 2	At the confluence with Sycamore Creek	0.71	*	*	*	438	*	*
Sycamore Creek Unnamed Tributary 3	RS 500	0.27	*	*	*	145	*	*
Tecolote Canyon Creek	Upstream of U.S. Highway 101	4.32	1,300	*	3,200	4,300	*	7,500
Thumbelina Creek	At State Highway 246	3.37	90	*	570	970	*	3,400
Thumbelina Creek	At Ballard Canyon Road	2.94	90	*	500	930	*	3,300
Toro Canyon Creek West Branch	At Pacific Ocean	3.75	1,315	1,501	2,319	2,812	*	3,867
Toro Canyon Creek West Branch	At confluence with East Branch Toro Creek	2.75	966	1,118	1,739	2,115	*	2,939
Toro Canyon Creek West Branch	At Picay Lane	1.24	486	557	862	1,059	*	1,442
Tributary 1 To Franklin Creek	Approximately 3,800 upstream from confluence with Franklin Creek	0.21	103	146	179	218	*	299
Tributary 2 To Franklin Creek	Approximately 1,500 feet upstream from confluence with Franklin Creek	1.11	462	647	792	995	*	1,303

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Tributary 2 To Franklin Creek	Approximately 5,300 feet upstream from confluence with Franklin Creek	0.45	171	248	308	389	*	524
West Fork Zanja de Cota Creek	Downstream of Santa Ynez	3.37	250	*	800	1,000	*	2,100
West Fork Zanja de Cota Creek	Upstream of San Marcos Pass Road (State Highway 154)	2.37	150	*	500	600	*	800
Westmont Creek	Approximately 200 feet upstream from Stanwood Drive	1.04	552	593	886	1,028	*	1,391
Westmont Creek	Near intersection of Sycamore Canyon Rd and Coyote Road	0.93	494	532	797	922	*	1,252
Winchester Canyon Wash	Upstream of confluence with Ellwood Canyon Wash	1.79	600	*	1,600	2,200	*	3,700
Zaca Creek	Santa Ynez River	40.12	2,011	2,744	3,325	4,037	*	6,459
Zaca Creek	Approx. 9,000 feet upstream of McMurray Road	37.19	1,829	2,499	3,034	3,679	*	5,892
Zaca Creek	Approx 13,000 feet upstream of McMurray Road	32.9	1,628	2,217	2,687	3,308	*	5,269
Zaca Creek	Approx. 16,000 feet upstream of McMurray Road	31.98	1,576	2,148	2,603	3,217	*	5,118

Table 9: Summary of Discharges

Flooding Source	Location	Drainage Area (Square Miles)	Peak Discharge (cfs)					
			10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance Existing	1% Annual Chance Future	0.2% Annual Chance
Zaca Creek	Approx. 16,000 feet downstream of San Marcos Pass Road - HWY 154	27.15	1,340	1,819	2,200	2,761	*	4,376
Zaca Creek	Approx 5,000 feet downstream of San Marcos Pass Road - HWY 154	22.48	1,107	1,497	1,827	2,314	*	3,655
Zaca Creek	San Marcos Pass Road - HWY 154	20.43	975	1,323	1,613	2,042	*	3,246
Zaca Creek	Approx 4,000 feet upstream of San Marcos Pass Road - HWY 154	16.57	720	989	1,202	1,499	*	2,416
Zaca Creek	Approx 16,000 feet upstream of San Marcos Pass Road - HWY 154	13.72	561	771	939	1,166	*	1,892
Zaca Creek	Approx 18,000 feet downstream of Zaca Lake	7.69	221	311	384	460	*	740
Zaca Creek	Zaca Lake	2.77	0	0	0	0	*	0

*Not calculated for this Flood Risk Project
[1]Decrease as a result of culvert restriction at road
[2]Flood not included in the present study.
[3]Peak discharge excluding outflow to adjacent drainage areas.
[4]Decrease as a result of overbank losses from upstream capacity restriction
[5]Flooding caused by overflows from San Jose Creek
[6]Increased flow value as a result of return flow
[7]Decrease as a result of overflows at U.S. Highway 101

Figure 7 Frequency Discharge-Drainage Area Curves
[Not Applicable to this Flood Risk Project]

Table 10: Summary of Non-Coastal Stillwater Elevations
[Not Applicable to this Flood Risk Project]

Table 11: Stream Gage Information used to Determine Discharges

Flooding Source	Gage Identifier	Agency that Maintains Gage	Site Name	Drainage Area (Square Miles)	Period of Record	
					From	To
Alamo Pintado Creek	11128250	USGS	Alamo Pintado C NR Solvang CA	29.4	10/1/1970	5/27/2020
Atascadero Creek	11119900	USGS	Atascadero C A Puente Rd NR Goleta CA	3.86	*	*
Atascadero Creek	11120000	USGS	Atascadero C NR Goleta CA	18.9	1914	1969
Carpinteria Creek	11119500	USGS	Carpinteria C NR Carpinteria CA	13.1	10/1/1988	4/8/2020
Cuyama River	11136800	USGS	Near The City of Santa Maria	904	*	*
Cuyama River	11136800	USGS	Below Buckhorn Canyon	886	*	*
Gaviota Creek	11120550	USGS	Zaca C NR Buellton CA	18.8	1/23/1990	TBD
Jalama Creek	11120600	USGS	Jalama C NR Lompoc Ca	20.5	*	*
San Antonio Creek	11135800	USGS	San Antonio C A Los Alamos CA	34.9	10/1/1970	5/27/2020
San Jose Creek	11120510	USGS	San Jose CA Goleta CA	9.42	1914	1969
Santa Agueda Creek	11126500	USGS	Santa Agueda C NR Santa Ynez CA	55.8	10/1/1940	1/31/1978
Santa Ynez River	11135500	USGS	Santa Ynez R A Barrier NR Surf CA	895	*	*
Santa Cruz Creek	11124500	USGS	Santa Cruz C NR Santa Ynez CA	74	10/1/1941	5/27/2020
Sisquoc River	11138500	USGS	Near Carey	281	*	*
Zaca Creek	11129800	USGS	Zaca C NR Buellton CA	32.8	10/1/1963	5/27/2020

*Data not available

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV002E
Version Number 2.6.4.6

FEMA

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Flood Insurance Rate Map (FIRM)

5.2 Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the sources studied were carried out to provide estimates of the elevations of floods of the selected recurrence intervals. Base flood elevations on the FIRM represent the elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report. Rounded whole-foot elevations may be shown on the FIRM in coastal areas, areas of ponding, and other areas with static base flood elevations. These whole-foot elevations may not exactly reflect the elevations derived from the hydraulic analyses. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS Report in conjunction with the data shown on the FIRM. The hydraulic analyses for this FIS were based on unobstructed flow. The flood elevations shown on the profiles are thus considered valid only if hydraulic structures remain unobstructed, operate properly, and do not fail.

For streams for which hydraulic analyses were based on cross sections, locations of selected cross sections are shown on the Flood Profiles (Exhibit 1). For stream segments for which a floodway was computed (Section 6.3), selected cross sections are also listed in Table 23, “Floodway Data.”

A summary of the methods used in hydraulic analyses performed for this project is provided in Table 12. Roughness coefficients are provided in Table 13. Roughness coefficients are values representing the frictional resistance water experiences when passing overland or through a channel. They are used in the calculations to determine water surface elevations. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation.

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Adobe Creek	Confluence with the Santa Ynez	Approximately 1,500 feet upstream of Del Prado Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE w/ Floodway	
Adobe Creek Tributary	Confluence with Adobe Creek	Approximately 500 feet downstream of Elsinore Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE w/ Floodway	
Alamo Pintado Creek	Confluence with Santa Ynez River (Solvang Reach)	Approximately 390 feet upstream of State Highway 154	HEC-HMS	HEC-RAS	1973	AE w/ Floodway	
Alamo Pintado Creek	Approximately 390 feet upstream of State Highway 154	Approximately 2,775 feet upstream of Brenner Drive	HEC-HMS	HEC-RAS	1973	A	
Alisal Creek	Confluence with the Santa Ynez	At Alisal Dam	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE w/ Floodway	
Arroyo Burro Creek	Approximately 1,320 feet downstream of Cliff Drive	Approximately 2,775 feet upstream of Brenner Drive	HEC-HMS	HEC-RAS	2005	AE w/ Floodway	
Arroyo Burro Overland Flow at Casiano Drive	Portofino Way	U.S. Highway 101	HEC-HMS	HEC-RAS	2005	AE	
Arroyo Burro Overland Flow at Cliff Drive	Confluence with Arroyo Burro Creek	Confluence with Arroyo Burro Creek at Cliff Drive	HEC-HMS	HEC-RAS	2020	AE	
Arroyo Burro Overland Flow at Palmero Way	Barcelona Way	U.S. Highway 101	HEC-HMS	HEC-RAS	2005	AE	

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Arroyo Paredon Creek	Confluence with the Pacific Ocean	Approximately 633 feet upstream of State Route 192 Foothill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Arroyo Paredon Creek	Approximately 633 feet upstream of State Route 192 Foothill Road	Approximately 4,200 feet upstream of State Route 192 Foothill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Arroyo Paredon Overflow 1	Confluence with the Pacific Ocean	Approximately 633 feet upstream of State Route 192 Foothill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Arroyo Paredon Overflow 2	Confluence with the Pacific Ocean	Approximately 780 feet upstream of Arroyo Paredon Tributary	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Arroyo Paredon Tributary	Confluence with Arroyo Paredon Tributary	Approximately 120 feet upstream of State Route 192 Foothill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Arroyo Paredon Tributary	Approximately 120 feet upstream of State Route 192 Foothill Road	Just upstream of Los Padres National Forest Boundary	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Atascadero Creek	Confluence with San Pedro Creek	Approximately 163 feet upstream of Calle Caridad	HEC-1	HEC-2	2000	AE w/ Floodway, AH	The Mean Higher High Water (MHHW) combined with the 1-percent-annual-chance peak flow was used as the starting water-surface elevation for the hydraulic model. The MHHW was determined based on NOAA data (Marine Weather.com, 1998; U.S. Department of Commerce, 1993).
Bell Canyon Wash	Confluence with the Pacific Ocean	Confluences with Ellwood Canyon Wash and Winchester Canyon Wash	*	*	1973	AE w/ Floodway	Starting water-surface elevations were determined assuming critical depth.
Blosser Ditch	Not provided	Not provided	*	HEC-2	2002	A	
Bradley Canyon	Confluence with Santa Maria River	Approximately 0.45 miles upstream of Orcutt Garey Road	*	HEC-2	2002	A	
Bradley Detention Basin	Just north of East Stanford Road	Just South of Borges Drive	*	N/A	1994	AE	Reservoir routing techniques were used for the Bradley Retention Basin.

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Bradley Ditch	1190 feet downstream of East Jones Street	At East Jones Street	*	HEC-2	1994	A	In the hydraulic analysis it was found that a portion of the 0.2-percent-annual-chance discharge would be diverted from the channel into Jones Street. This reduction of flow is included in the discharge-frequency relationships. Starting water-surface elevations were determined considering the outlet of the Blosser Ditch and the water-surface elevation in the Blosser detention basins. The HEC-2 split flow option was utilized to determine the overflows at Jones Street and Donovan Road. Hand calculations were performed to determine overtopping of U.S. Highway 101 and the flow towards the north at Bradley Retention Basin.
Branch Canyon Wash	Confluence with Cuyama River	1860 feet downstream of Washington Road	*	N/A	1973	A, AO	Starting water-surface elevations were developed from normal-depth calculations.
Buena Vista Creek	Confluence with Romero Creek	Confluence with Buena Vista Creek East Branch and Buena Vista Creek West Branch	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Buena Vista Creek East Branch	Confluence with Buena Vista Creek and Buena Vista Creek West Branch	Approximately 230 feet upstream of Lilac Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Buena Vista Creek East Branch	Approximately 230 feet upstream of Lilac Drive	Approximately 230 feet upstream of Bella Vista Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Buena Vista Creek East Branch Tributary 1	Confluence with Buena Vista Creek and Buena Vista Creek East Branch	At Los Padres National Forest Boundary	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Buena Vista Creek East Branch Tributary 2	Confluence with Buena Vista Creek East Branch	Approximately 370 feet upstream of Knollwood Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Buena Vista Creek East Branch Tributary 3	Confluence with Buena Vista Creek East Branch	Approximately 2,690 feet upstream of Bella Vista Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Buena Vista Creek West Branch	Confluence with Buena Vista Creek and Buena Vista Creek East Branch	Approximately 60 feet upstream of Park Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Buena Vista Creek West Branch	Approximately 60 feet Upstream of Park Lane	Approximately 690 feet upstream of Park Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Carneros Creek	Confluence with Tecolotito Creek	Cathedral Oaks Road	Log-Pearson Type ER	HEC-2	1973	AE w/ Floodway	

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Carpinteria Creek	Confluence with Pacific Ocean	Approximately 70 feet downstream of Southbound US Highway 101 Ventura Freeway	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Carpinteria Creek	Approximately 70 feet downstream of Southbound US Highway 101 Ventura Freeway	Approximately 970 feet upstream of Southbound US Highway 101 Ventura Freeway	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Carpinteria Creek	Approximately 970 feet upstream of Southbound US Highway 101 Ventura Freeway	Approximately 2840 feet upstream of San Pedro National Forest Boundary	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Carpinteria Creek Split Flow	Linden Avenue	Divergence from Carpinteria Creek at 6th Street	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Cat Canyon Creek	Confluence with Sisquoc River	Approximately 3.4 miles upstream of Palmer Road	*	HEC-2	2002	A	
Chelham Creek	Confluence with Westmont Creek	Approximately 4,340 feet upstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Cieneguitas Creek	Approximately 410 feet upstream of Footpath to La Colina School	Approximately 700 feet upstream of C12Footpath to La Colina School	*	HEC-2	2002	A	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Cieneguitas Creek	Confluence with Atascadero Creek	Approximately 410 feet upstream of Footpath to La Colina School	Log-Pearson Type ER	HEC-2	1973	AE w/ Floodway	
Cold Springs Creek	Confluence with Hot Springs Creek and Montecito Creek	Approximately 650 feet downstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Cold Springs Creek	Approximately 650 feet downstream of East Mountain Drive	490 feet upstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Coyote Creek	Confluence with Westmont Creek	Approximately 1.1 miles upstream of confluence with Westmont Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	Flowline for modeled area. No profile or FDT.
Crawford Canyon Creek	920 feet north of State Highway 246	2850 feet upstream of Drum Canyon Road	*	HEC-2	2002	A	
Cuyama River	Confluence with Santa Maria River	At Ventura County Boundary	*	HEC-2	2002	A	
Devereaux Creek	Confluence with Pacific Ocean	Approximately 60 feet upstream of Railroad	*	HEC-2	2002	AE w/ Floodway	The starting water-surface elevation was critical depth over the top of the surveyed sand dune where the creek flows into the ocean.
Devereaux Creek Tributary 1	Confluence with Devereaux Creek	Approximately 90 feet upstream of Railroad	*	HEC-2	2002	AE w/ Floodway	The starting water-surface elevation was based on the water-surface elevation in the main channel.

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Devereaux Creek Tributary 2	Confluence with Devereaux Creek	Approximately 170 feet upstream of Railroad	*	HEC-2	2002	AE w/ Floodway	The starting water-surface elevation was based on the water-surface elevation in the main channel.
Devereaux Creek Tributary 3	Confluence with Devereaux Creek	Approximately 50 feet upstream of Stroke Road	*	HEC-2	2002	AE w/ Floodway	The starting water-surface elevation was calculated using the slope/area method.
East Branch Alamo Pintado Creek	Confluence with Alamo Pintado Creek	Approximately 350 feet upstream of Baseline Avenue	HEC-HMS	HEC-RAS	1973	AE w/ Floodway	
East Branch Toro Creek	Confluence with Toro Creek	Approximately 110 feet upstream of State Route 192 Toro Canyon Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
East Branch Toro Creek	Approximately 110 feet upstream of State Route 192 Toro Canyon Road	Approximately 6,690 feet upstream of State Route 192 Toro Canyon Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
East Fork Maria Ygnacia Creek	Confluence with Maria Ygnacia Creek	Approximately 3,800 feet upstream of confluence with Maria Ygnacia Creek	HEC-1	Slope/Area	2000	AE w/ Floodway	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
East Fork Zanja De Cota Creek	Confluence with Santa Ynez River	At Mission Drive, State Highway 246	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 3.1.1 and up	2021	AE w/ Floodway	Due to major differences between effective study upstream of HWY-246 completed in 1973 and this study, the 0.5-ft water surface elevation tie-in was not appropriate as required by SID 65. An exemption was completed and approved for the upstream tie-in of Zanja de Cota
East Fork Zanja De Cota Creek	Approximately 4400 feet upstream of confluence with Santa Ynez River	Approximately 1760 feet downstream of Mission Drive, State Highway 246	HEC-HMS	HEC-RAS	1973	D	Tribal Area for the Santa Ynez Band of Chumash Indians remain Zone D
East Fork Zanja De Cota Creek	At Mission Drive, State Highway 246	At San Marcos Pass Avenue, State Highway 154	HEC-HMS	HEC-RAS	1973	AE w/ Floodway	
East Fork Zanja De Cota Creek	At San Marcos Pass Avenue, State Highway 154	Approximately 0.3 feet upstream of San Marcos Pass Avenue, State Highway 154	HEC-HMS	HEC-RAS	1973	AH	
East Tributary to East Branch Alamo Pintado Creek	Confluence with East Branch Alamo Pintado Creek	Approximately 3,160 feet upstream of Baseline Avenue	HEC-HMS	HEC-RAS	1973	AE w/ Floodway	
East-West Channel	North V Street	North A Street	*	HEC-2	2002	A	Starting water-surface elevations were determined assuming critical depth.

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Ellwood Canyon Wash	Confluence with Winchester Canyon Wash	Approximately 3,600 feet upstream of confluence with Winchester Canyon Wash	*	HEC-2	1973	AE w/ Floodway, AO	Starting water-surface elevations were taken from the Bell Canyon Wash flood profiles.
Franklin Creek	Confluence with the Pacific Ocean	Approximately 990 feet downstream of Union Pacific Railroad	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	2D Model
Franklin Creek	Approximately 990 feet downstream of Union Pacific Railroad	Approximately 4,400 feet upstream of State Route 192 Foothill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Foxen Canyon Creek	Confluence with Sisquoc River	Approximately 2110 feet northeast of Foxen Canyon Road and Zaca Lake Road Crossing	*	HEC-2	2002	A	
Freemont Creek	Confluence with San Jose Creek	Approximately 60 feet upstream of Patterson Avenue	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2002	AE w/ Floodway	The starting water-surface elevation was determined based on the slope/area method.
Garrapata Creek	Confluence with the Pacific Ocean	Approximately 821 feet downstream of Torito Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Garrapata Creek	Approximately 821 feet downstream of Torito Road	Approximately 480 feet upstream of State Route 192 Toro Canyon Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Gobernador Creek	Confluence with Carpinteria Creek	Approximately 1985 feet upstream of San Pedro National Forest Boundary	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Gobernador Creek Overflow Area 1	Confluence with the Pacific Ocean	Confluence with Gobernador Creek	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Gobernador Creek Overflow Area 1.1	Confluence with the Pacific Ocean	Confluence with Gobernador Creek	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Hot Springs Creek	Confluence with Cold Springs Creek and Montecito Creek	Approximately 400 feet upstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Hot Springs Creek	Approximately 400 feet upstream of East Mountain Drive	Approximately 2,380 feet upstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Hot Springs Creek Tributary	Confluence with Hot Springs Creek	Approximately 1,310 feet upstream of Hot Springs Creek	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
La Brea Creek	Confluence of Sisquoc River	Approximately 4690 feet downstream of Long Canyon Creek	*	HEC-2	2002	A	
Laguna Blanca	Between Lago Drive and Via Laguna	Between Lago Drive and Via Laguna	*	HEC-2	2002	A	
Laguna Channel	Confluence with Pacific Ocean	El Camino Real	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE w/ Floodway	Combined probability analysis was calculated for each riverine node that intersected the coastal surge.

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Laguna Channel	Confluence with the Pacific Ocean	Approximately 255 feet upstream of Yanonali Street	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS	2011	AE w/ Floodway	Influenced by coastal waters and partially updated 2021, see above
Laguna Ponding Area	Approximately 380 feet south of East Yanonali Street crossing Garden Street	At Canon Perdido Street	FLOW-2D V2009.06	FLOW-2D V2009.06	2011	AH	Due to the nature of flooding in this area, a 1-dimensional model was deemed inappropriate, and a 2-dimensional model was selected as the model of choice. A FLO-2D model version 2009.06 was compiled from select data in the area, calibrated, and run for this area (FLO-2D, 2010).
Las Positas Creek	Confluence with Arroyo Burro Creek	Approximately 300 feet upstream of Modoc Road	HEC-HMS	HEC-RAS	2005	AE w/ Floodway	
Las Vegas Creek	Confluence with San Pedro Creek	Approximately 55 feet upstream of La Goleta Road	Log-Pearson Type ER	HEC-2	1973	AE w/ Floodway	
Maria Ygnacia Creek	Confluence with Atascadero Creek	Approximately 1,030 feet upstream of confluence of East Fork Maria Ygnacia Creek	*	Slope/Area	2000	AE w/ Floodway	
Mission Creek	Confluence with the Pacific Ocean	Just upstream of West Carillo Street	HEC-HMS	HEC-RAS	2021	AE	LOMR

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Mission Creek	Confluence with the Pacific Ocean	Approximately 530 feet upstream of Shoreline Drive near Loma Alta Drive	HEC-HMS	HEC-RAS	2005	A	
Mission Creek	Confluence with Pacific Ocean	West Carrillo Street	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE	Combined probability analysis was calculated for each riverine node that intersected the coastal surge.
Mission Creek	Just upstream of West Carillo Street	Approximately 115 feet upstream of West Arrellaga Street	HEC-HMS	HEC-RAS	2005	A	Contained in Channel
Mission Creek	Approximately 115 feet upstream of West Arrellaga Street	Approximately 145 feet downstream of West Mission Street	HEC-HMS	HEC-RAS	2005	AE w/ Floodway	
Mission Creek	Approximately 145 feet downstream of West Mission Street	Approximately 277 feet upstream of West Mission Street	HEC-HMS	HEC-RAS	2005	A	
Mission Creek	Approximately 277 feet upstream of West Mission Street	Approximately 380 feet upstream of State Street	HEC-HMS	HEC-RAS	2005	AE	
Mission Creek	Approximately 380 feet upstream of State Street	Approximately 1355 feet upstream of Mission Canyon Road	HEC-HMS	HEC-RAS	2005	AE w/ Floodway	
Mission Creek	Approximately 1355 feet upstream of Mission Canyon Road	Confluence with Rattlesnake Creek	HEC-HMS	HEC-RAS	2005	AE	

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Montecito Creek	Confluence with Pacific Ocean	Just upstream of Pepper Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	2D Model. Flow lines with evaluation Cross Sections.
Montecito Creek	Just upstream of Pepper Lane	Confluence with Cold Springs Creek and Hot Springs Creek	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Montecito Creek West Split	At US Highway 101	Confluence with Montecito Creek	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	2D Model. Flow lines with evaluation Cross Sections.
Montecito Creek West Split	Confluence with Pacific Ocean	At US Highway 101	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Montecito Creek West Split 2	Confluence with Pacific Ocean	Confluence with Montecito Creek West Split	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Montecito Creek West Split 3	Confluence with Pacific Ocean	Confluence with Montecito Creek West Split 2	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Nojoqui Creek	Confluence with Santa Ynez River (Solvang Reach)	At Nojoqui Falls Park	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	A	
Northridge Creek	Confluence with Arroyo Burro Creek	Approximately 2,400 feet upstream of Foothill Road	HEC-HMS	HEC-RAS	2005	AE w/ Floodway	
Northridge Creek	Approximately 2,400 feet upstream of Foothill Road	Approximately 950 feet south of Mibek Road	HEC-HMS	HEC-RAS	2005	A	
Oak Creek	Confluence with Pacific Ocean	Approximately 490 feet upstream of San Ysidro Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	2D Model. Flow lines with evaluation Cross Sections.

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Oak Creek	Approximately 490 feet upstream of San Ysidro Road	Approximately 40 feet upstream of East Mountain Drive iuawrgi	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Oak Creek	Approximately 40 feet upstream of East Mountain Drive	Approximately 1,260 feet upstream of Brooktree Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Old San Jose Creek	Confluence with San Jose Creek	Hollister Avenue	*	HEC-2	1988	AE	
Orcutt Creek	Approximately 800 feet upstream of Bradley Road	Approximately 1,900 feet downstream of U.S. Highway 101	*	HEC-2	1998	AE w/ Floodway	
Orcutt Creek	Approximately 30 feet downstream of Black Road	Approximately 800 feet upstream of Bradley Road	*	HEC-2	1973	AE w/ Floodway	
Ostrich Creek	At confluence with Ostrich Creek	Approximately 1430 feet southwest of Mesa Vista Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE	2D Model. Flow Profile Baseline.
Picay Creek	Confluence with Romero Creek	Approximately 1,390 feet upstream of Cima del Mundo Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Picay Creek	Approximately 1,390 feet upstream of Cima del Mundo Road	Approximately 570 feet upstream of Bella Vista Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Rattlesnake Creek	Confluence with Mission Creek	Approximately 1.7 miles upstream of confluence with Mission Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Rattlesnake Creek Unnamed Tributary 1	Confluence with Rattlesnake Creek	Approximately 1,000 feet upstream of confluence with Rattlesnake Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	
Rattlesnake Creek Unnamed Tributary 2	Confluence with Rattlesnake Creek	Approximately 628 feet upstream of confluence with Rattlesnake Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	
Rattlesnake Creek Unnamed Tributary 3	Confluence with Rattlesnake Creek	Approximately 1,000 feet upstream of confluence with Rattlesnake Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	
Rincon Creek	Confluence with Pacific Ocean	Approximately 1,120 feet downstream of Bates Road/Rincon Hill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Rincon Creek	Approximately 1,120 feet downstream of Bates Road/Rincon Hill Road	Approximately 190 feet downstream of Bates Road/Rincon Hill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Rincon Creek	Approximately 190 feet downstream of Bates Road/Rincon Hill Road	Approximately 3,090 feet upstream of State Route 150 Casitas Pass Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Romero Creek	Confluence with Pacific Ocean	Approximately 50 feet upstream of North Jameson Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	2D Model. Flow lines with evaluation Cross Sections.

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Romero Creek	Approximately 50 feet upstream of North Jameson Lane	Approximately 360 feet downstream of Romero Canyon Creek #18 Debris Basin Dam	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	2D Model. Flow lines with evaluation Cross Sections.
Romero Creek	Approximately 360 feet downstream of Romero Canyon Creek #18 Debris Basin Dam	Romero Canyon Creek #18 Debris Basin Dam	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	2D Model. Flow lines with evaluation Cross Sections.
Salisbury Canyon Wash	Confluence with Branch Canyon Wash	At Los Padres National Forest Boundary	*	*	1973	A, AO	Starting water-surface elevations were taken from the computations for Branch Canyon Wash.
San Antonio Creek	State Highway 135	Approximately 0.5 mile upstream of U.S. Highway 101	*	HEC-2	1990	A, AE w/ Floodway	The hydrology was based on data used in the September 27, 1985, FIS (FEMA, 1985). Starting water-surface elevations were determined assuming critical depth.
San Antonio Creek (Tributary to Maria Ygnacia Creek)	Confluence with Maria Ygnacia Creek	Approximately 330 feet upstream of Turnpike Road	HEC-1	Slope/Area	2000	AE w/ Floodway	
San Jose Creek	U.S. Highway 101	Approximately 810 feet upstream of Patterson Avenue	*	HEC-2	2005	AE w/ Floodway	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
San Jose Creek	Confluence with San Pedro Creek	U.S. Highway 101	*	HEC-2	1988	AE w/ Floodway	Starting water-surface elevations was based on the water-surface elevation of San Pedro Creek at the confluence (U.S. Department of Housing and Urban Development, 1985).
San Miguelito Creek	Approximately 3.3 miles upstream of mouth	Approximately 0.6 mile upstream of Feed Store Bridge	HEC-1	HEC-2	1973	AE w/ Floodway	Starting water-surface elevations were developed from normal-depth calculations.
San Pedro Creek	Approximately 475 feet upstream of confluence with Atascadero Creek	Approximately 1,085 feet upstream of Stow Canyon Road	Log-Pearson Type ER	HEC-2	1973	AE w/ Floodway	
San Roque Creek	Confluence with Arroyo burro Creek	Approximately 7,800 feet upstream of Ontare Road	HEC-HMS	HEC-RAS	2005	AE w/ Floodway	
San Ysidro Creek	Confluence with Pacific Ocean	Approximately 1,980 feet upstream of San Leandro Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
San Ysidro Creek	Approximately 1,980 feet upstream of San Leandro Lane	Approximately 1,650 feet upstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
San Ysidro Creek West Split	Confluence with Oak Creek	Confluence with San Ysidro Creek	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Santa Maria River	Confluence with the Pacific Ocean	At Sisquoc River	*	HEC-2	2002	A	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Santa Monica Creek	At the Pacific Ocean	Approximately 1,570 feet downstream of Union Pacific Railroad	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	Flowline for 2D modeled area. No profile or FDT.
Santa Monica Creek	Approximately 1,570 Feet Downstream of Union Pacific Railroad	5,330 Feet Upstream of State Route 192 Foothill Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Santa Rosa Creek	Confluence with Santa Ynez River	Approximately 2.5 miles north of State Highway 246	*	HEC-2	2002	A	
Santa Ynez River	Not provided	Not provided	Log-Pearson Type III	HEC-2	1973	A	
Santa Ynez River (Lompoc Reach)	Approximately 5.0 miles upstream of confluence with Pacific Ocean	At Floradale Avenue	Log-Pearson Type III	HEC-2	1973	AE w/ Floodway	
Santa Ynez River (Lompoc Reach)	At Floradale Avenue	Just downstream of State Highway 1	Log-Pearson Type III	HEC-2	1995	AE w/ Floodway	
Santa Ynez River (Lompoc Reach)	Just downstream of State Highway 1	Approximately 3,390 feet upstream of State Highway 246 (Ocean Avenue)	Log-Pearson Type III	HEC-2	1973	AE w/ Floodway	
Santa Ynez River (Solvang Reach)	Approximately 30 miles upstream of Pacific Ocean	Cachuma Recreation Area boundary	Log-Pearson Type III	HEC-2	1973	AE w/ Floodway	Starting water-surface elevations were developed from normal-depth calculations.
Sheetflow Along Kellogg Avenue	Not provided	Not provided	*	HEC-2	1988	AE w/ Floodway	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Sisquoc River	Confluence with the Pacific Ocean	Approximately 35 feet upstream of Punta Gorda Street	*	HEC-2	2002	A	
Sycamore Creek	Confluence with the Pacific Ocean	Approximately 35 feet upstream of Punta Gorda Street	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS 3.1.1 and up	2011	AE w/ Floodway	The top of the channel for Sycamore Creek is perched higher than the overbank areas between stream stations 2,090 and 2,888. To simulate this situation using a 1-dimensional approach, lateral weirs were added to the HEC-RAS model to allow flow to leave the channel area. The breakout flow amounts were then added into a separate geometry for the overbank areas. The overbank flows in these locations were determined to be shallower that 1' of flooding due to the overflow situation and are therefore mapped as a shaded Zone X. There is coastal Influence on downstream water surface elevations.
Sycamore Creek	Confluence with Pacific Ocean	Punta Gorda Street	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE w/ Floodway	Combined probability analysis was calculated for each riverine node that intersected the coastal surge.
Sycamore Creek	Approximately 35 feet upstream of Punta Gorda Street	Approximately 400 feet upstream of Alameda Padre Serra	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	LOMR

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Sycamore Creek	Approximately 400 feet upstream of Alameda Padre Serra	Approximately 640 downstream of confluence with Sycamore Creek Unnamed Tributary 1	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS 3.1.1 and up	2011	AE w/ Floodway	
Sycamore Creek	Approximately 640 downstream of confluence with Sycamore Creek Unnamed Tributary 1	Approximately 350 feet upstream of confluence with Sycamore Creek Unnamed Tributary 3	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS 3.1.1 and up	2011	AE	
Sycamore Creek Unnamed Tributary 1	Confluence with Sycamore Creek	Approximately 3,454 feet upstream of confluence with Sycamore Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	Flowline for modeled area. No profile or FDT.
Sycamore Creek Unnamed Tributary 1-1	Confluence with Sycamore Creek Unnamed Tributary 1	Approximately 1,390 feet upstream of confluence with Sycamore Creek Unnamed Tributary 1	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	
Sycamore Creek Unnamed Tributary 1-2	Confluence with Sycamore Creek Unnamed Tributary 1	Approximately 278 feet upstream of confluence with Sycamore Creek Unnamed Tributary 1	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	
Sycamore Creek Unnamed Tributary 2	Confluence with Sycamore Creek	Approximately 0.8 mile upstream of confluence with Sycamore Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	Flowline for modeled area. No profile or FDT.

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Sycamore Creek Unnamed Tributary 3	Confluence with Sycamore Creek	Approximately 500 feet upstream of confluence with Sycamore Creek	HEC-HMS v3.4 (USACE, 2005)	HEC-RAS v4.1.0 (USACE, 2010)	2011	AE	Flowline for modeled area. No profile or FDT.
Tecolote Canyon Creek	Confluence with Pacific Ocean	Approximately 1.5 miles upstream of Vereda Leyenda	*	*	1973	AE w/ Floodway	Starting water-surface elevations were determined assuming critical depth.
Tecolotito Creek	Confluence with Atascadero Creek	Approximately 530 feet upstream of Cathedral Oaks Road	Log-Pearson ER	HEC-2	1973	AE w/ Floodway	
Tepusquet Creek	Confluence with Sisquoc River	Approximately 6.4 miles upstream of Sisquoc River	N/A	HEC-2	2002	A	
Thumbelina Creek	Confluence with Santa Ynez River	Approximately 2,285 feet upstream of Kendale Road	*	*	1973	AE	
Toro Creek	Confluence with the Pacific Ocean	Approximately 860 feet upstream of Torito Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Toro Creek	Approximately 860 feet upstream of Torito Road	At East Valley Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE w/ Floodway	
Toro Creek	At East Valley Road	Approximately 1,760 feet upstream of Hidden Valley Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	AE	
Unnamed Stream Zc-01	Approximately 350 feet downstream of US Highway 154	Approximately 2,900 feet upstream of US Highway 154	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2023	A	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Unnamed Stream Zc-02	Confluence with Unnamed Stream ZC-01	Approximately 1.1 miles downstream of Baseline Avenue	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	12/30/1899	A	
Waller Skyway Channel	Confluence with Unnamed Channel at Skyway Drive	Approximately 280 feet upstream of Skyway Drive and Airpark Lane Crossing	*	HEC-2	2002	A	
West Branch Toro Creek	Confluence with Toro Creek	Approximately 1,240 feet upstream of Viola Lane	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2022	AE	
West Fork Zanja De Cota Creek	Confluence with East Fork Zanja de Cota Creek	At Mission Drive, State Highway 246	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE w/ Floodway	Due to major differences between effective study upstream of HWY-246 completed in 1973 and this study, the 0.5-ft water surface elevation tie-in was not appropriate as required by SID 65. An exemption was completed and approved for the upstream tie-in of West Fork Zanja de Cota.
West Fork Zanja De Cota Creek	Confluence with East Fork Zanja de Cota Creek	At Mission Drive, State Highway 246	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 3.1.1 and up	1973	D	Santa Ynez Band of Chumas Indian Tribal – No change made to effective Zone D
West Fork Zanja De Cota Creek	At Mission Drive, State Highway 246	At San Marcos Pass Avenue, State Highway 154	*	HEC-2	1973	AE w/ Floodway	New detailed study now ties into this older study at the culvert for HWY-246.
West Fork Zanja De Cota Creek	At San Marcos Pass Avenue, State Highway 154	Approximately 1640 feet upstream of San Marcos Pass Avenue, State Highway 154	*	HEC-2	1973	AH	

*Data not available

Table 12: Summary of Hydrologic and Hydraulic Analyses

Flooding Source	Study Limits Downstream Limit	Study Limits Upstream Limit	Hydrologic Model or Method Used	Hydraulic Model or Method Used	Date Analyses Completed	Flood Zone on FIRM	Special Considerations
Westmont Creek	Confluence with Sycamore Creek	Approximately 2,050 feet upstream of East Mountain Drive	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2022	AE	
Winchester Canyon Wash	Confluence with Ellwood Canyon Wash and Bell Canyon Wash	Approximately 1,678 feet upstream of Winchester Canyon Road	*	*	1973	AE w/ Floodway	Starting water-surface elevations were taken from the Bell Canyon Wash flood profiles.
Zaca Creek	At confluence with Santa Ynez	Approximately 2.0 miles upstream of McMurray Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	AE	
Zaca Creek	Approximately 2.0 miles upstream of McMurray Road	Approximately 650 feet upstream of Jonata Park Road	HEC-HMS 3.0 and up (Dec 2005)	HEC-RAS 5.0 and up	2021	A	

*Data not available

Table 13: Roughness Coefficients

Flooding Source	Channel “n”	Overbank “n”
Adobe Creek	0.045-0.100	0.013-2.000
Adobe Creek Tributary	0.045-0.060	0.030-0.100
Alamo Pintado Creek	0.030-0.090	0.035-0.150
Alisal Creek	0.035-0.100	0.010-0.100
Arroyo Burro Creek	0.015-0.045	0.045-0.180
Arroyo Paredon	0.060	0.040-0.150
Arroyo Paredon – overtopping of roadway	*	0.030
Arroyo Paredon – vegetated overbanks in upper reaches	*	0.060
Arroyo Paredon Creek	0.060	0.040-0.120
Arroyo Paredon Tributary	0.040-0.060	0.040-0.120
Bell Canyon Wash	0.030-0.080	0.050-0.120
Betteravia Road – Adam Park	0.020-0.050	0.030-0.050
Bradley Ditch	0.015-0.030	0.050
Branch Canyon Wash	0.040-0.050	0.050-0.100
Buena Vista Creek	0.035-0.045	0.035-0.045
Buena Vista Creek East Branch	0.035-0.045	0.035-0.045
Buena Vista Creek East Branch Tributary 1	0.045	0.060-0.120
Buena Vista Creek East Branch Tributary 2	0.045	0.060-0.120
Buena Vista Creek East Branch Tributary 3	0.045	0.050-0.120
Buena Vista Creek West Branch	0.020-0.040	0.050-0.080
Carpinteria Creek	0.025-0.080	0.025-0.080
Carpinteria Creek Split Flow	0.025-0.080	0.025-0.080
Chelham Creek	0.035-0.045	0.040-0.120
Cold Springs Creek	0.035-0.060	0.030-0.120
Devereaux Creek	0.015-0.080	0.040-0.050
East Branch Alamo Pintado Creek	0.040-0.080	0.050
East Branch Toro Creek	0.055	0.040-0.150
East Fork Zanja De Cota Creek	0.040-0.150	0.020-0.150
East Fork Zanja De Cota Creek	0.050	0.050
East Tributary to East Branch Alamo Pintado Creek	0.050	0.050
East-West Channel	0.030	*
Ellwood Canyon Wash	0.080	0.090-0.120
Fesler Street	0.015	0.040-0.090
Franklin Creek	0.035-0.019	0.035-0.019
Fremont Creek	0.030-0.055	0.015-0.055
Garrapata Creek	0.035-0.072	0.040-0.150

Table 13: Roughness Coefficients

Flooding Source	Channel “n”	Overbank “n”
Gobernador Creek	0.020-0.150	0.020-0.150
Hot Springs Creek	0.040-0.045	0.060-0.120
Hot Springs Creek Tributary	0.035-0.045	0.040-0.120
Jones Street Simas Park	0.015	0.050-0.080
Laguna Channel	0.015-0.080	0.030-0.120
Las Positas Creek	0.015-0.045	0.045-0.180
Los Alamos Interceptor	0.033	0.033
Maria Ygnacia Creek	0.015-0.035	0.060-0.120
Mission Creek	0.020-0.080	0.020-0.300
Montecito Creek	0.035-0.040	0.040-0.012
Nojoqui Creek	0.035-0.050	0.040-0.120
Northridge Creek	0.045	0.045-0.180
Oak Creek	0.040 - 0.100	0.030-0.120
Old San Jose Creek	0.040	0.060
Orcutt Creek	0.040-0.060	0.040-0.060
Ostrich Creek	0.034-0.080	0.010-0.2
Picay Creek	0.040-0.045	0.040-0.120
Rincon Creek	0.060-0.100	0.060-0.100
Romero Creek	0.035-0.045	0.040-0.120
Salisbury Canyon Wash	0.040-0.050	0.050-0.100
San Antonio Creek	0.040-0.070	0.040-0.050
San Jose Creek – concrete channel	0.016	0.030-0.060
San Jose Creek – unimproved channel	0.315	*
San Jose Creek – unlined channel	0.025	*
San Miguelito Creek	0.014-0.035	*
San Roque Creek	0.015-0.045	0.045-0.100
San Ysidro Creek	0.035-0.060	0.035-0.120
Santa Monica Creek	0.014	0.014
Santa Ynez River (Lompoc Reach)	0.025-0.043	0.050-0.055
Salisbury Canyon Wash	0.040-0.050	0.050-0.100
San Antonio Creek	0.040-0.070	0.040-0.050
San Jose Creek – concrete channel	0.016	0.030-0.060
San Jose Creek – unimproved channel	0.315	*
San Jose Creek – unlined channel	0.025	*
San Miguelito Creek	0.014-0.035	*
San Roque Creek	0.015-0.045	0.045-0.100

Table 13: Roughness Coefficients

Flooding Source	Channel “n”	Overbank “n”
San Ysidro Creek	0.035-0.060	0.040-0.120
Santa Monica Creek	0.014	0.020-0.060
Santa Ynez River (Lompoc Reach)	0.025-0.043	0.050-0.055
Sycamore Creek	0.030 - 0.080	0.030–0.12
Tecolote Canyon Creek	0.030-0.100	0.050-0.090
Thumbelina Creek	0.020-0.050	0.040-0.090
Toro Creek	0.045 - 0.150	0.040-0.150
Toro Creek East Branch	0.055	0.040-0.150
Toro Creek West Branch	0.050	0.040-0.150
Unnamed Stream Zc-01	0.035 - 0.050	0.040 - 0.100
Unnamed Stream Zc-02	0.035 - 0.040	0.040 - 0.065
Waller-Skyway	0.030-0.050	0.015-0.050
West Branch Toro Creek	0.045 - 0.050	0.040 - 0.150
West Fork Zanja De Cota Creek	0.083	0.040 - 0.120
Westmont Creek	0.040 - 0.045	0.040 - 0.120
Winchester Canyon Wash	0.080	0.080-0.090
Zaca Creek	0.035-0.060	0.040-0.120

*Data not available

5.3 Coastal Analyses

For the areas of Santa Barbara County that are impacted by coastal flooding processes, coastal flood hazard analyses were performed to provide estimates of coastal BFEs. Coastal BFEs reflect the increase in water levels during a flood event due to extreme tides and storm surge as well as overland wave effects.

The following subsections provide summaries of how each coastal process was considered for this FIS Report. Greater detail (including assumptions, analysis, and results) is available in the archived project documentation. Table 14 summarizes the methods and/or models used for the coastal analyses. Refer to Section 2.5.1 for descriptions of the terms used in this section.

Table 14: Summary of Coastal Analyses

Flooding Source	Study Limits From	Study Limits To	Hazard Evaluated	Model or Method Used	Date Analysis was Completed
El Estero Lagoon	Not provided	Not provided	SWEL[1]	Tide Frequency Analysis	04/01/2015
Pacific Ocean	Entire coastline of Santa Barbara County	Entire coastline of Santa Barbara County	Wave Setup and Runup	FEMA Pacific Guidelines 2005, Stockdon/DIM, TAW	04/01/2015
Pacific Ocean	Entire coastline of Santa Barbara County	Entire coastline of Santa Barbara County	SWEL[1]	Tide Frequency Analysis	04/01/2015
Pacific Ocean	Entire coastline of Santa Barbara County	Entire coastline of Santa Barbara County	Dune Erosion	FEMA Pacific Guidelines 2005, MK&A, Kriebel and Dean	04/01/2015
Pacific Ocean	Entire coastline of Santa Barbara County	Entire coastline of Santa Barbara County	Wave Overtopping	FEMA Pacific Guidelines 2005, Cox-Machemehl	04/01/2015
Pacific Ocean	Entire coastline of Santa Barbara County	Entire coastline of Santa Barbara County	Harbor Analysis	FEMA Pacific Guidelines 2005, Penney and Price, Wiegel	04/01/2015

Table 14: Summary of Coastal Analyses

Flooding Source	Study Limits From	Study Limits To	Hazard Evaluated	Model or Method Used	Date Analysis was Completed
Pacific Ocean	South of San Luis Obispo County Border	North of Ventura County Border	Wave Runup	OTHER	04/01/2015
Pacific Ocean	South of San Luis Obispo County Border	North of Ventura County Border	Wave Runup	REG FREQ L MOMENT	01/04/2013
Pacific Ocean	South of San Luis Obispo County Border	North of Ventura County Border	Wave Runup	STOCKDON/DIM	04/01/2015
Pacific Ocean	South of San Luis Obispo County Border	North of Ventura County Border	Wave Runup	MK-A	04/01/2015

[1]The stillwater elevation (SWEL) refers to the statistically determined constant flood elevation.

5.3.1 Total Stillwater Elevations

The total stillwater elevations (stillwater including storm surge plus wave setup) for the 1-percent-annual-chance flood were determined for areas subject to coastal flooding. The models and methods that were used to determine storm surge and wave setup are listed in Table 14. The stillwater elevation that was used for each transect in coastal analyses is shown in Table 16, “Coastal Transect Parameters.” Figure 8 shows the total stillwater elevations for the 1-percent-annual-chance flood that was determined for this coastal analysis.

Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas

Astronomical Tide

Astronomical tidal statistics were generated directly from local tidal constituents by sampling the predicted tide at random times throughout the tidal epoch.

Storm Surge Statistics

Storm surge is modeled based on characteristics of actual storms responsible for significant coastal flooding. The characteristics of these storms are typically determined by statistical study of the regional historical record of storms or by statistical study of tidal gages.

When historic records are used to calculate storm surge, characteristics such as the strength, size, track, etc., of storms are identified by site.

Tidal gages can be used instead of historic records of storms when the available tidal gage record for the area represents both the astronomical tide component and the storm

surge component. Table 15 provides the gage name, managing agency, gage type, gage identifier, start date, end date, and statistical methodology applied to each gage used to determine the stillwater elevations.

Table 15: Tide Gage Analysis Specifics

Gage Name	Managing Agency of Tide Gage Record	Gage Type	Start Date	End Date	Statistical Methodology
Port San Luis (9412110)	NOAA	Tide	1945	2009	REG FREQ L MOMENT
Santa Barbara (9411340)	NOAA	Tide	1974	2009	REG FREQ L MOMENT

5.3.2 Waves

The SWL were combined with calculated wave setup and runup heights to determine TWL at each analysis transect. The initial modeling of the offshore and nearshore wave climates within the study area was a critical component to the analysis. To provide adequate wave input data for the 1-D transect-based TWL analyses, Oceanweather Inc. developed a continuous 50-year hourly deepwater wave hindcast for the period of January 1, 1960 to December 31, 2009 along the California coastline (OWI, 2009). The wave modeling consisted of three nested model grids of sequentially higher resolution to resolve the wave conditions at varying spatial scales. These included the basin (global), regional (Northeast Pacific Ocean), and coastal (California) grids.

The deep-water wave characteristics were subsequently transformed to nearshore wave characteristics at the edge of the surf zone in approximately 49 feet water depth. The nearshore wave transformation modeling was conducted by the Scripps Institute of Oceanography (SIO) Coastal Data Information Program (CDIP) research group in collaboration with BakerAECOM using the SIO SHELF model (SIO, 2014). In select localized areas of complex shoreline geometry, wave data were also provided at 16 and 33 feet water depth. The output nearshore wave characteristics from this wave transformation model provided the input conditions for the 1-D transect-based wave setup and runup calculations.

5.3.3 Coastal Erosion

A single storm episode can cause extensive erosion in coastal areas. Storm-induced erosion was evaluated to determine the modification to existing topography that is expected to be associated with flooding events. Erosion was evaluated using the methods listed in Table 14.

5.3.4 Wave Hazard Analyses

This Section is not applicable to this Flood Risk Project.

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	X, Y Coordinates (Meters, NAD83 UTM Zone 11N)		Total Water Level (feet NAVD88)				
		X	Y	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pacific Ocean	1	165526.9124	3873621.4841	20.8	21.9	22.7	23.5	25.3
Pacific Ocean	2	164543.1356	3870190.8941	22.4	23.6	24.4	25.2	27.0
Pacific Ocean	3	164187.7579	3869065.0228	20.1	21.2	22.0	22.8	24.6
Pacific Ocean	4	164036.6280	3868450.0496	16.1	16.9	17.4	18.0	19.2
Pacific Ocean	5	166039.0416	3868655.7906	16.3	18.9	21.4	24.4	34.2
Pacific Ocean	6	166748.8956	3867276.0923	16.4	17.3	18.0	18.8	20.8
Pacific Ocean	7	166884.9405	3866572.8431	15.4	16.0	16.5	17.0	17.9
Pacific Ocean	8	168561.3796	3865086.9487	14.9	15.8	16.5	17.3	19.1
Pacific Ocean	9	169267.2327	3860487.1954	15.1	15.7	16.2	16.8	18.0
Pacific Ocean	10	168488.6348	3857141.7622	19.2	20.2	21.0	21.8	23.7
Pacific Ocean	11	168136.9585	3855921.3224	16.7	17.5	18.1	18.7	20.1
Pacific Ocean	12	166956.2265	3853024.9149	18.9	19.7	20.4	21.0	22.5
Pacific Ocean	13	167146.8558	3851609.2081	21.0	23.9	26.2	28.7	35.2
Pacific Ocean	14	168485.0905	3849334.1875	22.6	25.8	28.3	31.0	37.9
Pacific Ocean	15	169636.5532	3845658.7427	18.2	19.2	19.9	20.7	22.6
Pacific Ocean	16	169348.1548	3844327.8604	15.4	16.1	16.7	17.4	19.0
Pacific Ocean	17	167830.3911	3839964.5517	23.4	24.7	25.6	26.6	28.9
Pacific Ocean	18	166914.6860	3837616.5372	18.7	20.3	21.7	23.2	27.7
Pacific Ocean	19	165523.6461	3833816.1727	19.4	20.6	21.4	22.3	24.3
Pacific Ocean	20	165747.2804	3831267.3705	22.6	24.8	26.6	28.4	32.6
Pacific Ocean	21	167603.6865	3830008.3481	23.2	26.2	28.8	31.7	39.8

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	X, Y Coordinates (Meters, NAD83 UTM Zone 11N)		Total Water Level (feet NAVD88)				
		X	Y	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pacific Ocean	22	169604.4415	3830302.4285	12.9	13.9	14.7	15.6	18.0
Pacific Ocean	23	172478.4618	3829400.5679	12.5	13.3	14.0	14.7	16.6
Pacific Ocean	24	175250.6031	3827776.3920	14.0	15.0	15.8	16.6	18.4
Pacific Ocean	25	178072.7789	3824900.2186	15.1	15.9	16.5	17.1	18.6
Pacific Ocean	26	178254.2696	3824523.3535	14.6	15.3	15.9	16.5	17.9
Pacific Ocean	27	180496.5489	3820194.5925	16.0	17.0	17.9	18.9	21.4
Pacific Ocean	28	181717.7582	3817679.1271	17.9	19.4	20.7	22.1	26.1
Pacific Ocean	29	183798.1992	3818075.3356	14.9	15.7	16.3	17.0	18.6
Pacific Ocean	30	184511.0651	3818018.7179	13.7	14.2	14.6	15.0	15.9
Pacific Ocean	31	187225.0967	3818379.1573	15.6	16.3	16.9	17.5	18.8
Pacific Ocean	32	195694.1538	3819239.8943	15.7	16.7	17.4	18.2	20.2
Pacific Ocean	33	196287.4830	3819361.4233	15.9	16.9	17.6	18.3	20.0
Pacific Ocean	34	199452.5768	3819463.9920	20.0	20.7	21.1	21.5	22.4
Pacific Ocean	35	200749.0580	3819344.7814	17.2	18.8	20.0	21.4	24.9
Pacific Ocean	36	201262.3134	3819344.1656	14.5	14.8	15.1	15.3	15.7
Pacific Ocean	37	203541.5740	3819578.4055	13.2	13.6	13.9	14.1	14.6
Pacific Ocean	38	205537.2900	3819490.3611	15.9	16.4	16.9	17.3	18.1
Pacific Ocean	39	207985.7286	3819447.0555	14.6	15.4	16.0	16.6	18.0
Pacific Ocean	40	211496.4126	3819634.8910	14.6	15.2	15.7	16.1	17.2
Pacific Ocean	41	213391.5630	3819196.7986	13.5	14.6	15.6	16.8	20.6
Pacific Ocean	42	215465.9541	3818191.9323	12.8	13.7	14.5	15.4	18.2

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	X, Y Coordinates (Meters, NAD83 UTM Zone 11N)		Total Water Level (feet NAVD88)				
		X	Y	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pacific Ocean	43	218000.7913	3818236.6801	13.3	14.2	15.0	15.9	18.3
Pacific Ocean	44	220017.4986	3818098.6054	13.5	14.2	14.8	15.4	16.9
Pacific Ocean	45	222145.7038	3817894.1308	16.7	17.6	18.3	19.1	20.8
Pacific Ocean	46	224033.9096	3817488.7523	13.8	14.5	15.0	15.6	17.0
Pacific Ocean	47	224463.0308	3817109.0230	13.6	14.2	14.8	15.3	16.6
Pacific Ocean	48	226898.7653	3815755.5200	14.7	15.9	17.0	18.3	22.2
Pacific Ocean	49	227422.8624	3815428.9387	12.9	13.8	14.6	15.5	18.2
Pacific Ocean	50	229982.4353	3814884.5888	15.2	16.4	17.4	18.5	21.4
Pacific Ocean	51	230828.9753	3814791.3011	11.8	12.5	13.1	13.7	15.4
Pacific Ocean	52	231299.5214	3814515.5376	12.3	14.1	15.8	18.1	26.2
Pacific Ocean	53	231833.9531	3814162.4012	13.9	14.8	15.5	16.2	18.1
Pacific Ocean	54	232229.0729	3813875.3820	14.2	14.9	15.5	16.1	17.5
Pacific Ocean	55	233541.3778	3813126.6974	15.9	16.8	17.6	18.4	20.2
Pacific Ocean	56	234985.5337	3812060.6747	12.5	13.0	13.4	13.8	14.7
Pacific Ocean	57	236550.8392	3811941.8810	15.7	16.7	17.5	18.3	20.2
Pacific Ocean	58	237882.8615	3811395.5344	12.4	13.0	13.6	14.2	15.6
Pacific Ocean	59	238050.1427	3811284.5647	12.4	13.0	13.5	14.0	15.3
Pacific Ocean	60	238849.9032	3811059.8307	9.8	10.0	10.2	10.4	10.8
Pacific Ocean	61	239012.9063	3811453.0222	8.5	8.7	8.7	8.8	8.9
Pacific Ocean	62	239266.7209	3812154.0889	13.5	14.2	14.8	15.4	17.0
Pacific Ocean	63	239460.7455	3812310.1032	13.0	13.7	14.3	14.9	16.5

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	X, Y Coordinates (Meters, NAD83 UTM Zone 11N)		Total Water Level (feet NAVD88)				
		X	Y	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pacific Ocean	64	239731.9091	3812379.9724	14.8	15.8	16.6	17.4	19.6
Pacific Ocean	65	239981.3936	3812420.5698	14.9	15.9	16.8	17.7	20.0
Pacific Ocean	66	240169.0053	3812440.2580	14.2	15.0	15.7	16.4	18.2
Pacific Ocean	67	241793.5679	3812427.2279	14.5	15.3	16.0	16.8	18.6
Pacific Ocean	68	244366.7818	3812045.5938	12.7	13.6	14.3	15.1	17.2
Pacific Ocean	69	245799.6352	3811434.7011	12.3	13.0	13.5	14.0	15.4
Pacific Ocean	70	247702.4007	3810686.8187	12.1	12.7	13.1	13.6	14.7
Pacific Ocean	71	248358.3086	3810230.6805	13.1	13.8	14.3	14.7	15.9
Pacific Ocean	72	249996.0047	3809928.6556	13.1	13.8	14.3	14.8	16.0
Pacific Ocean	73	251446.4133	3809921.6974	15.2	16.4	17.3	18.3	20.6
Pacific Ocean	74	252011.6003	3810397.0243	14.3	15.3	16.2	17.1	19.4
Pacific Ocean	75	252225.5113	3810529.1252	13.1	13.9	14.6	15.3	17.1
Pacific Ocean	76	252467.8831	3810614.4866	13.7	14.7	15.5	16.3	18.6
Pacific Ocean	77	252949.5064	3810577.6283	7.2	7.3	7.4	7.5	7.7
Pacific Ocean	78	253474.4283	3811767.4086	9.5	9.9	10.3	10.6	11.5
Pacific Ocean	79	253474.4283	3811767.4086	14.0	15.3	16.4	17.8	22.1
Pacific Ocean	80	254074.4068	3811958.2107	14.1	14.9	15.5	16.1	17.7
Pacific Ocean	81	254559.7575	3812047.0563	13.5	14.4	15.1	15.8	17.8
Pacific Ocean	82	254743.0175	3812066.2133	13.0	13.8	14.4	15.1	16.9
Pacific Ocean	83	255126.3899	3812081.4264	14.5	15.3	16.0	16.7	18.6
Pacific Ocean	84	255994.5523	3812069.0686	14.1	15.0	15.7	16.4	18.4

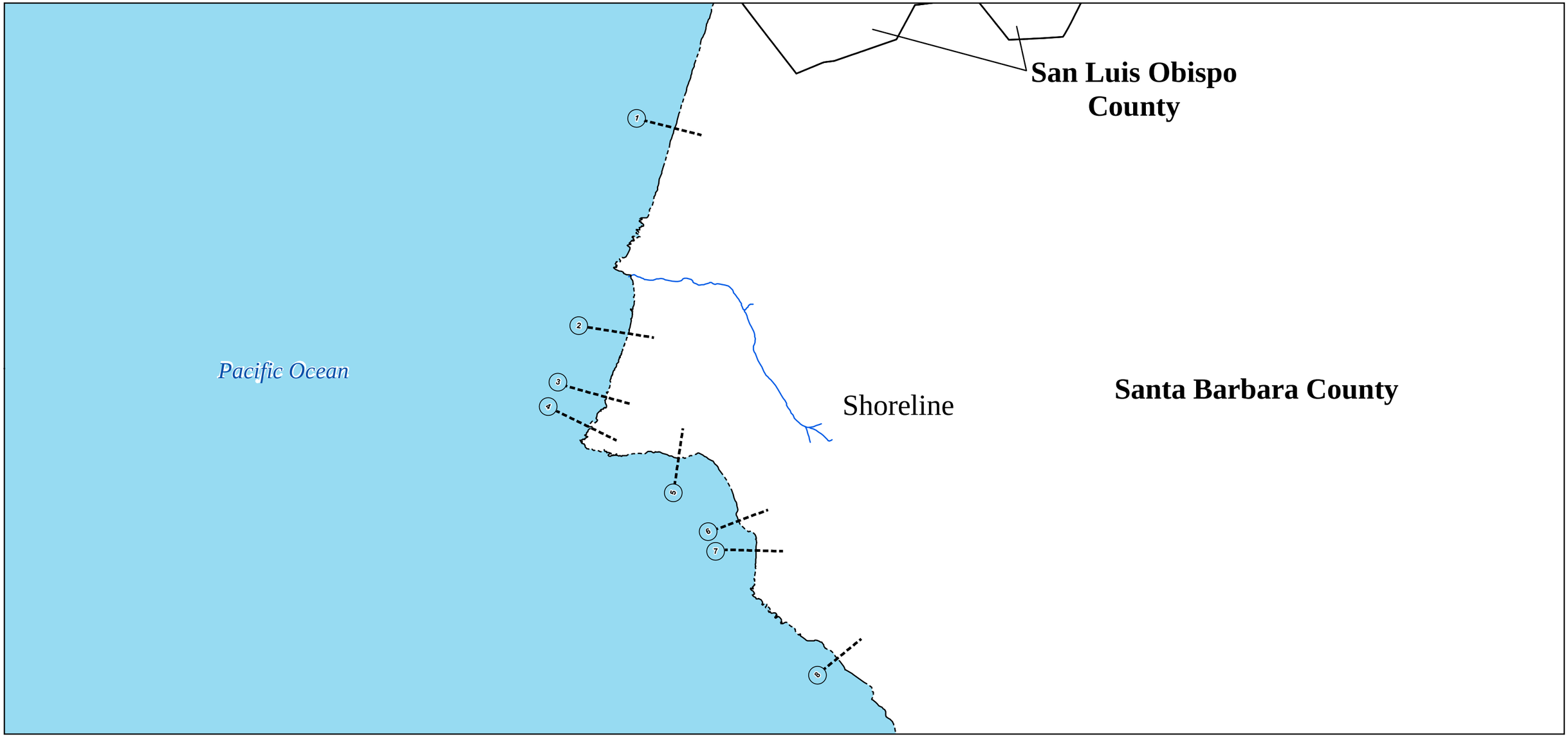
Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	X, Y Coordinates (Meters, NAD83 UTM Zone 11N)		Total Water Level (feet NAVD88)				
		X	Y	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pacific Ocean	85	256731.1382	3812065.9895	14.6	15.9	17.0	18.2	21.8
Pacific Ocean	86	257012.2383	3811990.9528	14.9	15.9	16.7	17.6	19.8
Pacific Ocean	87	257325.0768	3811936.7941	16.1	18.0	19.6	21.3	26.0
Pacific Ocean	88	257956.5040	3811982.4501	12.5	13.1	13.5	14.0	15.0
Pacific Ocean	89	258184.1163	3812007.7959	13.8	15.1	16.3	17.6	21.2
Pacific Ocean	90	258628.3949	3812257.6628	12.7	13.4	14.0	14.6	16.2
Pacific Ocean	91	259490.9020	3812395.3890	13.2	13.8	14.2	14.7	15.8
Pacific Ocean	92	259955.3274	3812402.9277	12.3	14.2	15.9	18.0	25.1
Pacific Ocean	93	262051.3787	3811832.4680	12.9	13.6	14.2	14.8	16.3
Pacific Ocean	94	263081.1063	3811521.8405	13.1	13.8	14.2	14.7	15.9
Pacific Ocean	95	263556.5528	3811561.6633	13.4	14.1	14.8	15.4	17.1
Pacific Ocean	96	264111.4325	3811677.3473	11.8	12.3	12.7	13.1	14.1
Pacific Ocean	97	264388.5351	3811648.7831	13.0	13.8	14.4	15.1	16.7
Pacific Ocean	98	264902.2910	3811108.6455	12.0	12.7	13.3	13.8	15.3
Pacific Ocean	99	265097.9754	3810953.7168	13.8	15.4	17.0	18.9	25.0
Pacific Ocean	100	265358.9059	3810648.5620	13.8	14.5	15.1	15.7	17.1
Pacific Ocean	101	265614.2609	3810313.4281	20.8	23.0	24.9	26.8	31.7
Pacific Ocean	102	266282.2966	3809611.9660	13.8	14.5	15.1	15.7	17.1
Pacific Ocean	103	266990.0260	3809503.7494	12.4	13.3	14.1	15.0	17.4
Pacific Ocean	104	267639.6058	3809153.4986	13.7	14.3	14.8	15.3	16.5
Pacific Ocean	105	267857.2182	3808969.6305	12.9	13.5	14.0	14.6	15.8

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	X, Y Coordinates (Meters, NAD83 UTM Zone 11N)		Total Water Level (feet NAVD88)				
		X	Y	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Pacific Ocean	106	268346.5102	3808571.2201	14.4	15.3	16.0	16.7	18.5
Pacific Ocean	107	268621.8654	3808524.8985	13.6	14.4	15.1	15.9	17.9
Pacific Ocean	108	269382.8310	3808246.8390	14.6	17.2	19.9	23.5	37.2
Pacific Ocean	109	271213.2275	3807719.7421	13.1	14.1	15.0	16.0	19.0
Pacific Ocean	110	271893.4819	3806637.8520	15.7	16.7	17.6	18.4	20.7
Pacific Ocean	111	272100.6142	3806976.4524	13.5	14.7	15.7	16.8	20.1

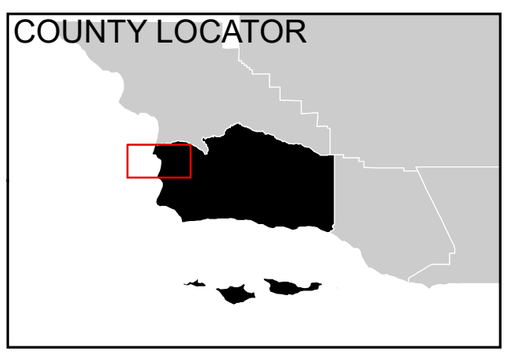
Figure 9: Transect Location Map



1 inch = 5,417 feet 1:65,000

Feet
0 2,450 4,900 9,800 14,700 19,600

Map Projection:
Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



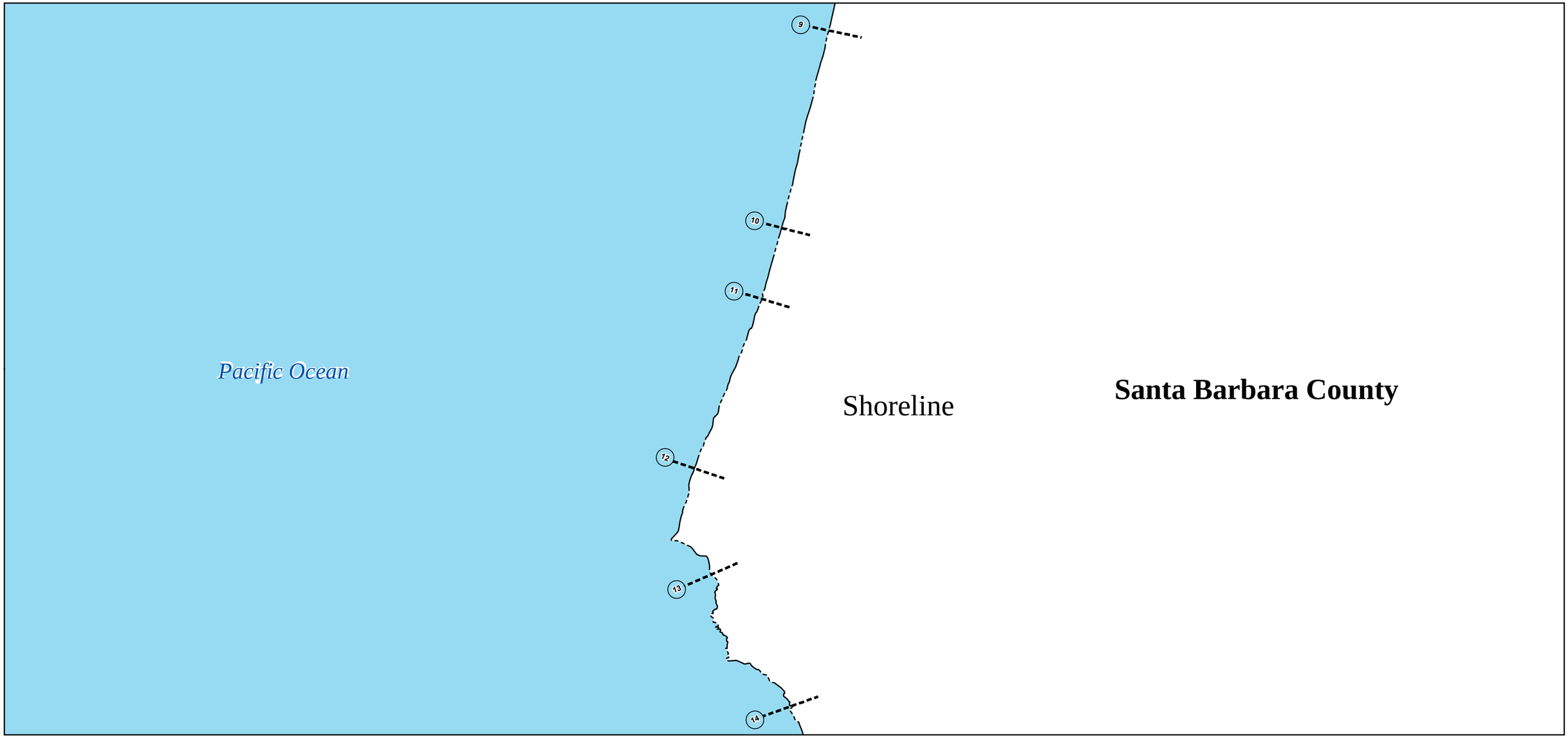
NATIONAL FLOOD INSURANCE PROGRAM

Transect Location Map

PANELS WITH TRANSECTS
0135G, 0145H, 0410G, 0430G

FEMA

Figure 9: Transect Location Map, continued



N

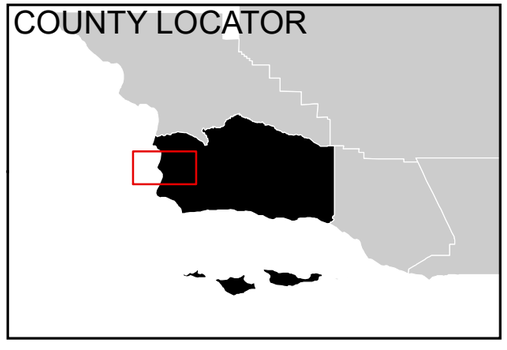
1 inch = 5,417 feet 1:65,000

Feet

0 2,450 4,900 9,800 14,700 19,600

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



NATIONAL FLOOD INSURANCE PROGRAM

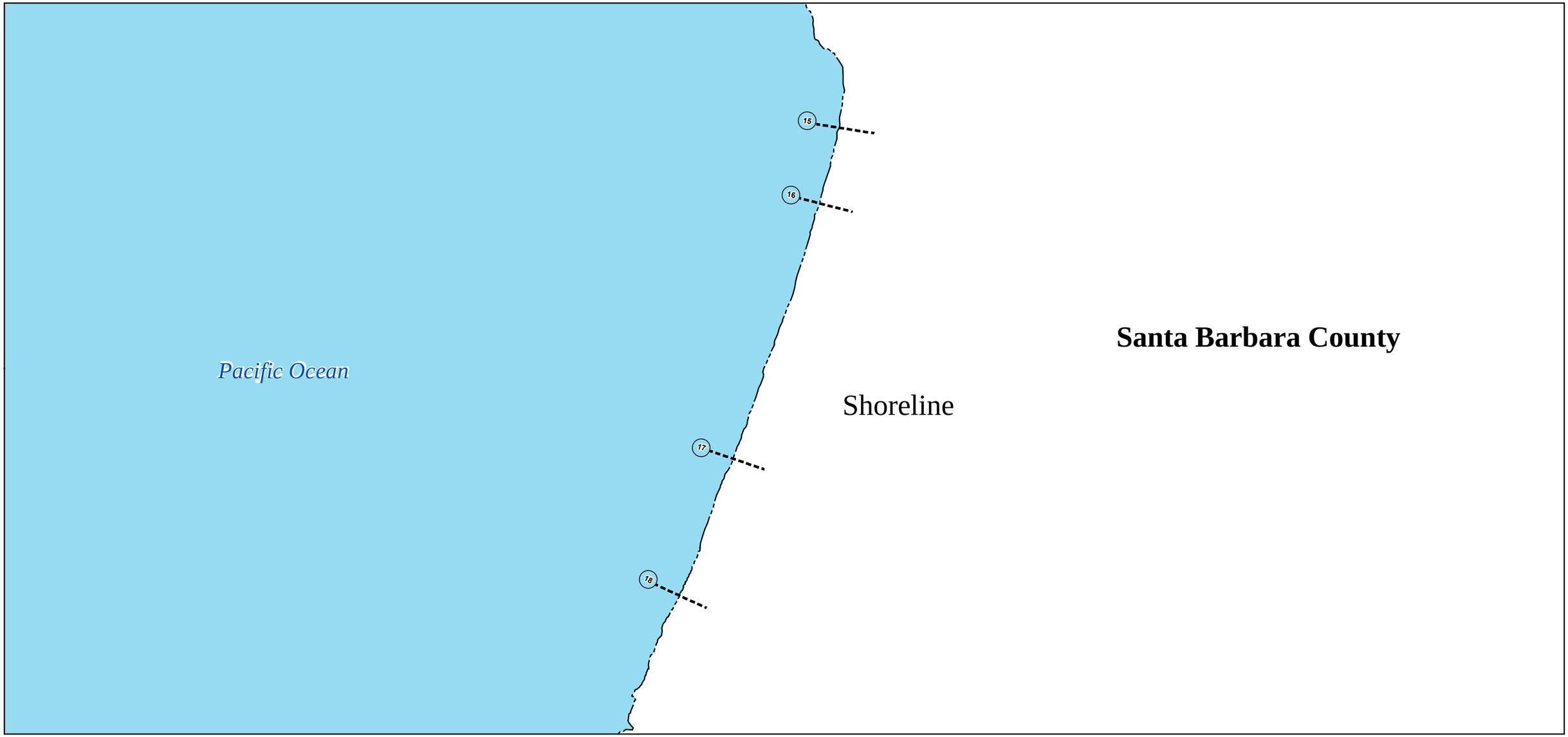
Transect Location Map

PANELS WITH TRANSECTS

0420G, 0430G, 0440G, 0685G, 0705G

FEMA

Figure 9: Transect Location Map, continued



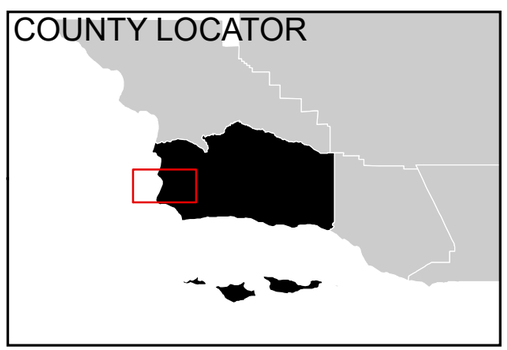
1 inch = 5,417 feet 1:65,000

N

0 2,450 4,900 9,800 14,700 19,600 Feet

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



NATIONAL FLOOD INSURANCE PROGRAM

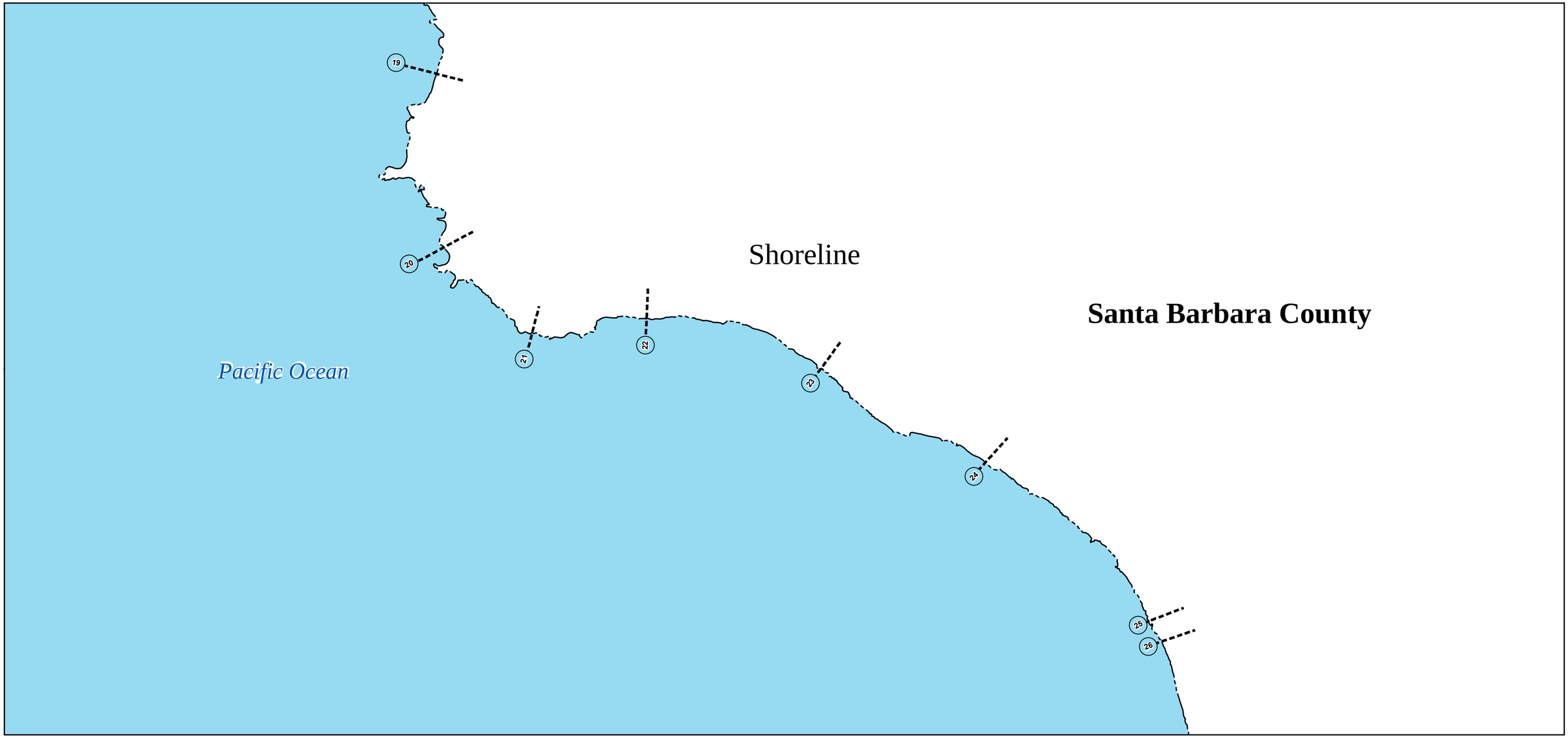
Transect Location Map

PANELS WITH TRANSECTS

0695G, 0705G, 0715G

FEMA

Figure 9: Transect Location Map, continued



N

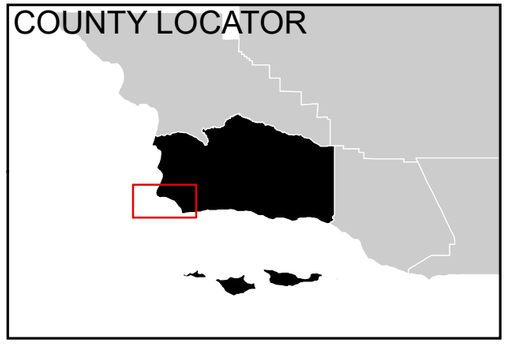
1 inch = 5,417 feet 1:65,000

Feet

0 2,450 4,900 9,800 14,700 19,600

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



NATIONAL FLOOD INSURANCE PROGRAM

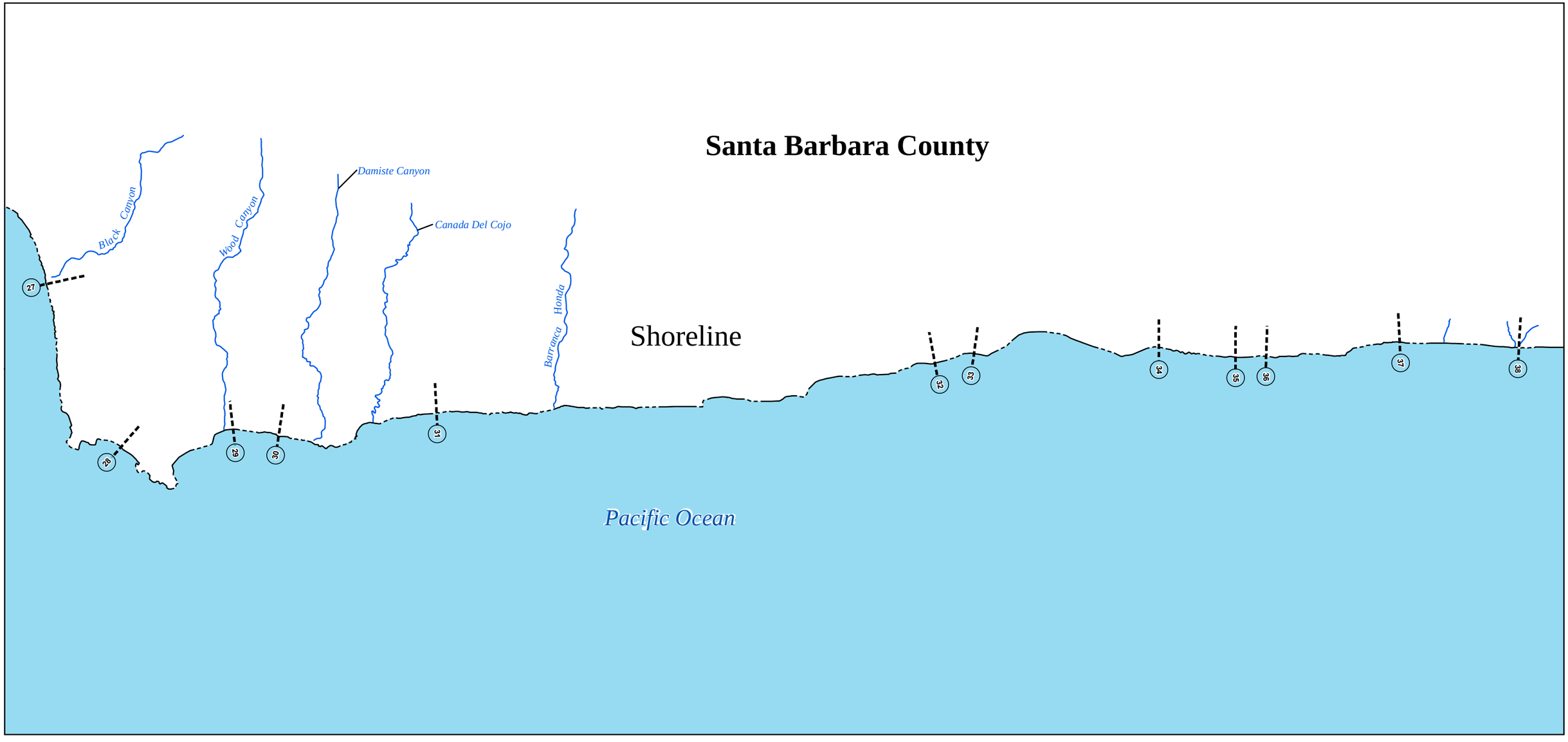
Transect Location Map

PANELS WITH TRANSECTS

0960G, 0990G, 0995G, 1015G

FEMA

Figure 9: Transect Location Map, continued



N

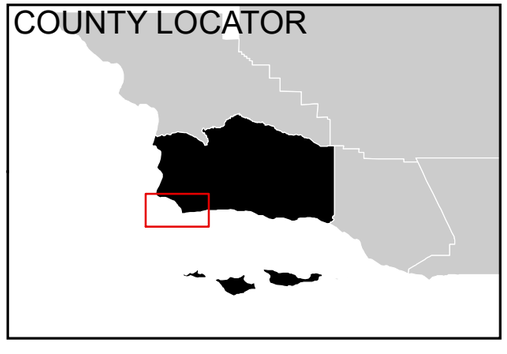
1 inch = 5,417 feet 1:65,000

Feet

0 2,450 4,900 9,800 14,700 19,600

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



NATIONAL FLOOD INSURANCE PROGRAM

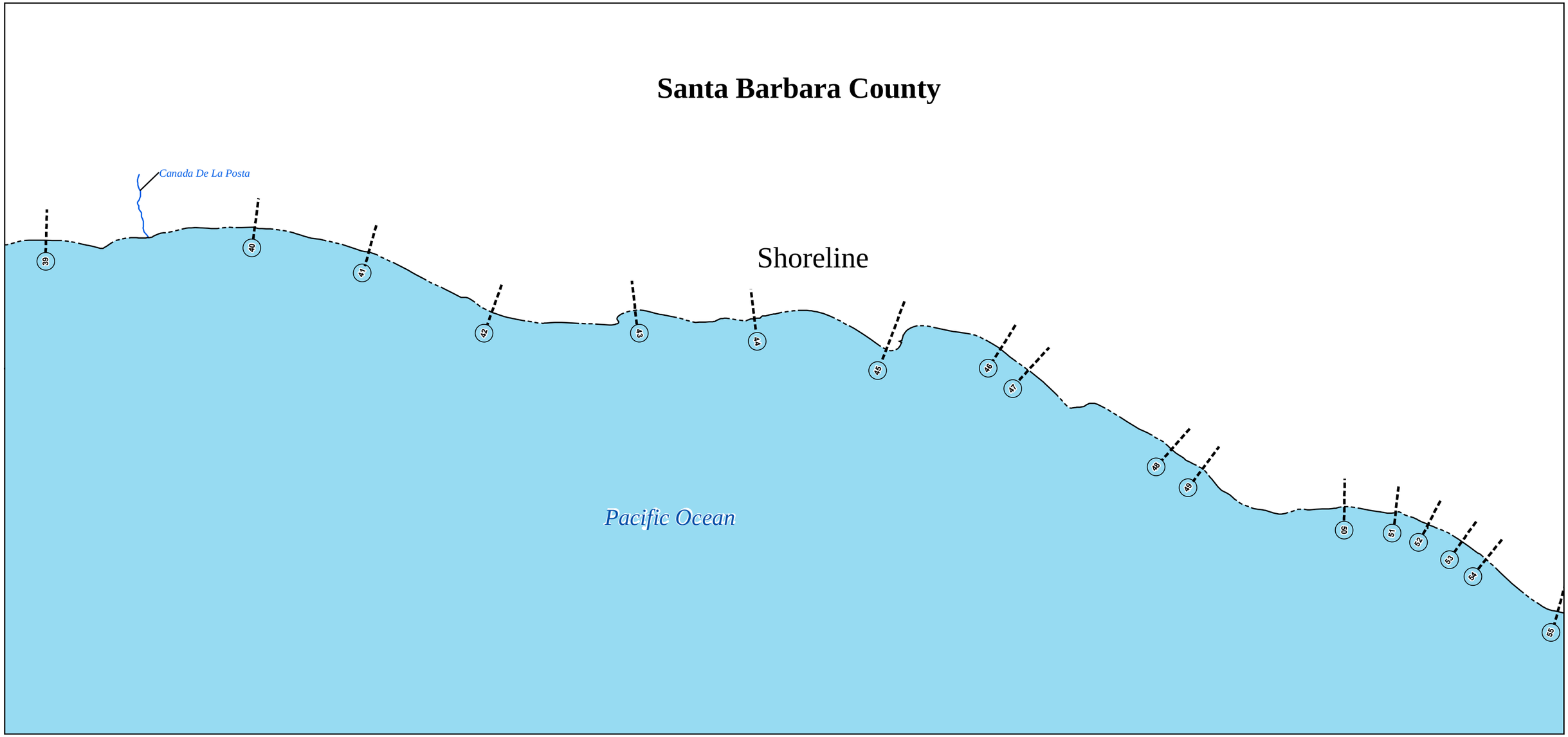
Transect Location Map

PANELS WITH TRANSECTS

1230H, 1235H, 1255H, 1260H, 1280H

FEMA

Figure 9: Transect Location Map, continued



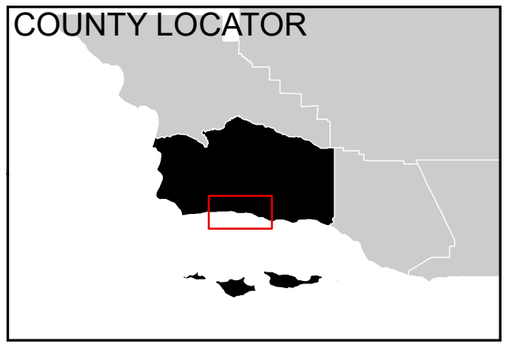
1 inch = 5,417 feet 1:65,000

N

0 2,450 4,900 9,800 14,700 19,600 Feet

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



NATIONAL FLOOD INSURANCE PROGRAM

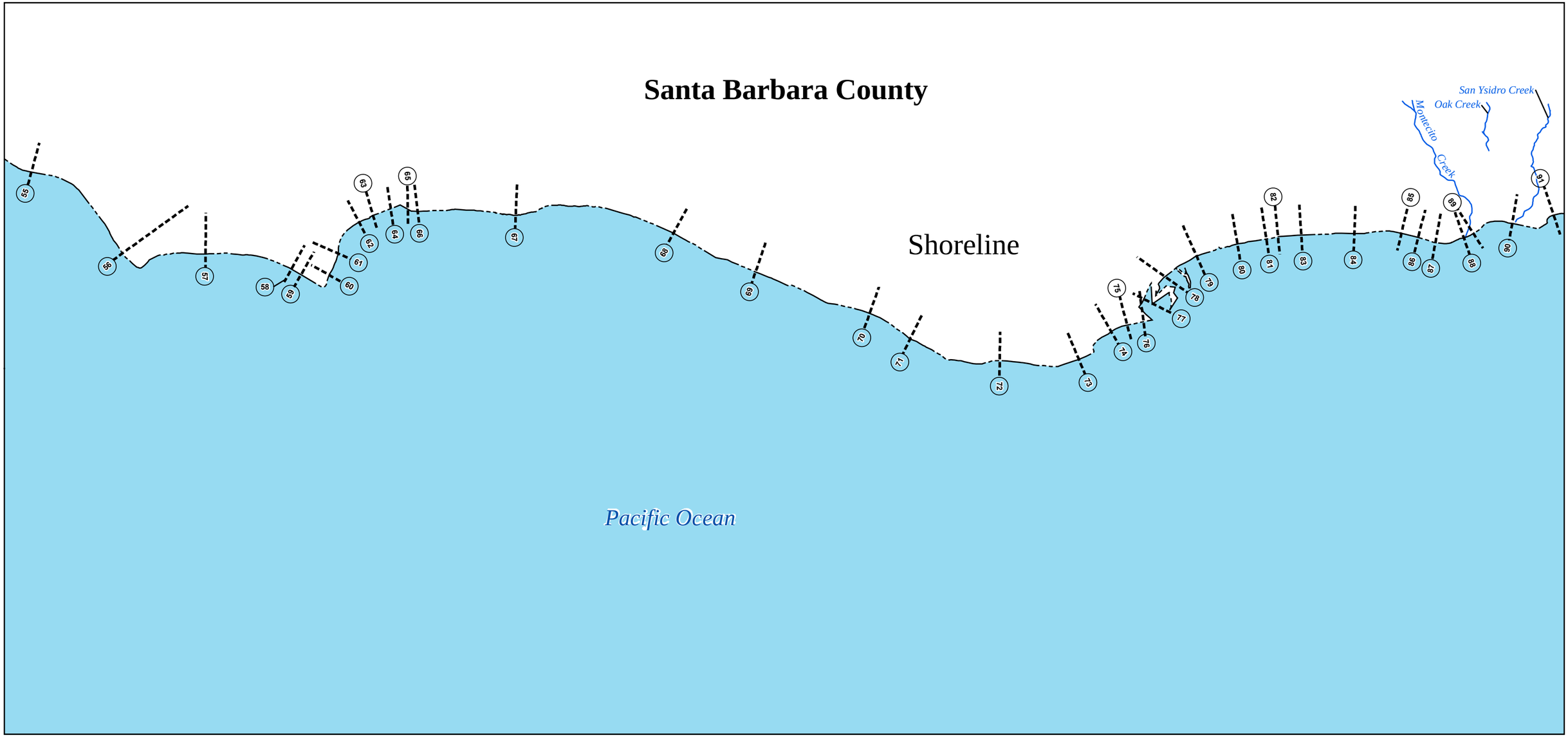
Transect Location Map

PANELS WITH TRANSECTS

1285H, 1305H, 1310H, 1330H, 1333H, 1340H, 1341H

FEMA

Figure 9: Transect Location Map, continued



1 inch = 5,417 feet 1:65,000

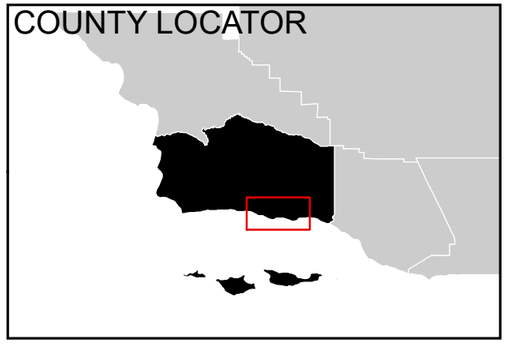
N

Feet

0 2,450 4,900 9,800 14,700 19,600

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983



NATIONAL FLOOD INSURANCE PROGRAM

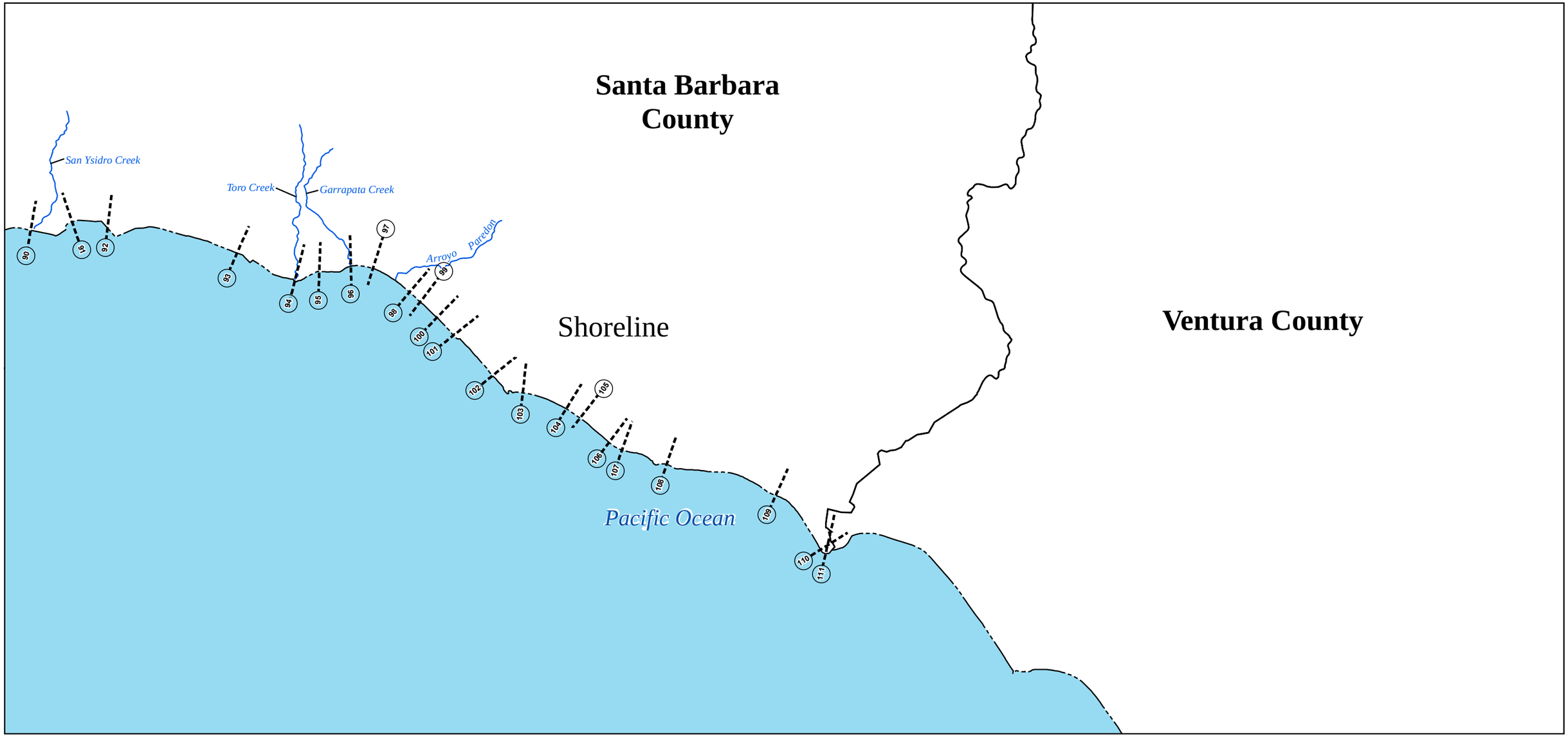
Transect Location Map

PANELS WITH TRANSECTS

1342H, 1361H, 1362H, 1363H, 1364H, 1366H, 1367H, 1386H, 1387J, 1388H, 1389H, 1391J, 1392J, 1411H

FEMA

Figure 9: Transect Location Map, continued



1 inch = 5,417 feet 1:65,000

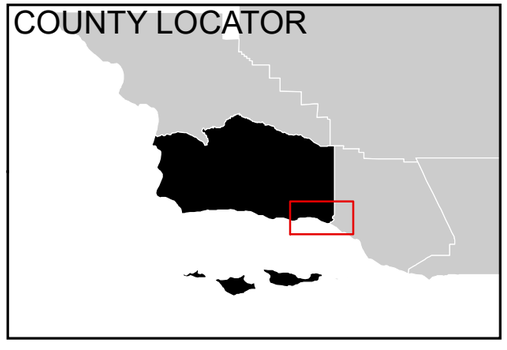
N

0 2,450 4,900 9,800 14,700 19,600 Feet

Map Projection:

Universal Transeverse Mercator Zone 11 North;
North American Datum 1983

COUNTY LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM

Transect Location Map

PANELS WITH TRANSECTS

1392J, 1411J, 1412J, 1416J, 1418J, 1419J, 1438J, 1451J

FEMA

5.4 Alluvial Fan Analyses

This section is not applicable to this Flood Risk Project.

Table 17: Summary of Alluvial Fan Analyses
[Not applicable to this Flood Risk Project]

Table 18: Results of Alluvial Fan Analyses
[Not Applicable to this Flood Risk Project]

SECTION 6.0 – MAPPING METHODS

6.1 Vertical and Horizontal Control

All FIS Reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum used for newly created or revised FIS Reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS Reports and FIRMs are now prepared using NAVD88 as the referenced vertical datum.

Flood elevations shown in this FIS Report and on the FIRMs are referenced to NAVD88**.** These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between NGVD29 and NAVD88 or other datum conversion, visit the National Geodetic Survey website at www.ngs.noaa.gov.

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the archived project documentation associated with the FIS Report and the FIRMs for this community. Interested individuals may contact FEMA to access these data.

To obtain current elevation, description, and/or location information for benchmarks in the area, please visit the NGS website at www.ngs.noaa.gov.

Table 19: Countywide Vertical Datum Conversion

[Not Applicable to this Flood Risk Project]

Table 20: Stream-Based Vertical Datum Conversion

[Not Applicable to this Flood Risk Project]

6.2 Base Map

The FIRMs and FIS Report for this project have been produced in a digital format. The flood hazard information was converted to a Geographic Information System (GIS) format that meets FEMA's FIRM Database specifications and geographic information standards. This information is provided in a digital format so that it can be incorporated into a local GIS and be accessed more easily by the community. The FIRM Database includes most of the tabular information contained in the FIS Report in such a way that the data can be associated with pertinent spatial features. For example, the information contained in the Floodway Data table and Flood Profiles can be linked to the cross sections that are shown on the FIRMs. Additional information about the FIRM Database and its contents can be found in FEMA's *Guidelines and Standards for Flood Risk Analysis and Mapping*, www.fema.gov/flood-maps/guidance-partners/guidelines-standards.

Base map information shown on the FIRM was derived from the sources described in Table 21.

Table 21: Base Map Sources

Data Type	Data Provider	Data Date	Data Scale	Data Description
Administrative Forest Boundaries	USDA Forest Service	2019	N/A	Forest Boundaries (S_Pol_Ar)
California Public Land Survey System	California Department of Pesticide Regulation	2014	1:6,000	Santa Barbara County PLSS data
Surface Water Features	U.S. Geological Survey, National Geospatial Program	2019	1:6,000	Stream centerlines for the state of California
Political boundaries	Santa Barbara County, Public Works Department, Surveyor Division	2019	1:6,000	Municipal and county boundaries
Digital Orthophoto	U.S. Department of Agriculture Farm Service Agency	2020	2 foot GSD	Digital Orthoimagery
Effective Political Area Military Reservation Boundary Data	Federal Emergency Management Agency	2016	N/A	Military Reservation Boundaries from Effective Data (S_Pol_Ar)
Transportation Features	Santa Barbara County Sheriff's Office	2019	1:6,000	Street Centerlines provided by Sheriff's Office (S_Trnsport_Ln)
Santa Barbara County Islands	Santa Barbara County, Public Works Department, Surveyor Division	2011	N/A	Santa Barbara County Islands provided by Public Works Department (S_Pol_Ar)
TIGER/Line Shapefile, Current, County, Santa Barbara County, CA, All Roads	U.S. Census Bureau	2022	N/A	Spatial and attribute information for State and US Highways (S_Trnsport_Ln)
Watershed Boundary Dataset	USDA/NRCS	2013	N/A	HUC8 watershed boundaries (S_Subbasins)

6.3 Floodplain and Floodway Delineation

The FIRM shows tints, screens, and symbols to indicate floodplains and floodways as well as the locations of selected cross sections used in the hydraulic analyses and floodway computations.

For riverine flooding sources, the mapped floodplain boundaries shown on the FIRM have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in Table 22. For each coastal flooding source studied as part of this FIS Report, the mapped floodplain boundaries on the FIRM have been delineated using the flood and wave elevations determined at each transect; between transects, boundaries were delineated using land use and land cover data, the topographic elevation data described in Table 22, and knowledge of coastal flood processes. In ponding areas, flood elevations were determined at each junction of the model; between junctions, boundaries were interpolated using the topographic elevation data described in Table 22.

In cases where the 1-percent and 0.2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-annual-chance floodplain boundary has been shown. Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

The floodway widths presented in this FIS Report and on the FIRM were computed for certain stream segments on the basis of equal conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. Table 2 indicates the flooding sources for which floodways have been determined. The results of the floodway computations for those flooding sources have been tabulated for selected cross sections and are shown in Table 23, “Floodway Data.”

Table 22: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Vertical Accuracy	Horizontal Accuracy	Citation
Buellton, City of; Carpinteria, City of; Goleta, City of; Lompoc, City of; Santa Barbara, City of; Santa Barbara County, Unincorporated Areas; Solvang, City of	Adobe Creek Tributary, Alisal Creek, Arroyo Paredon Creek, Arroyo Paredon Creek Overflow 1, Arroyo Paredon Creek Overflow 2, Arroyo Paredon Tributary, Buena Vista Creek, Buena Vista Creek East Branch, Buena Vista Creek East Branch Tributary 1, Buena Vista Creek East Branch Tributary 2, Buena Vista Creek East Branch Tributary 3, Buena Vista Creek West Branch, Carpinteria Creek, Carpinteria Creek Split Flow, Chelham Creek, Cold Springs Creek, East Branch Toro Creek, East Fork Zanja de Cota Creek, Franklin Creek, Garrapata Creek, Gobernador Creek, Gobernador Creek Overflow Area 1, Gobernador Creek Overflow Area 1.1, Hot Springs Creek, Hot Springs Creek Tributary, Laguna Channel, Montecito Creek, Montecito Creek West Split, Montecito Creek West Split 2, Montecito Creek West Split 3, Nojoqui Creek, Oak Creek, Ostrich Creek, Picay Creek, Rincon Creek, Romero Creek, San Ysidro Creek, San Ysidro Creek West Split, Santa Monica Creek, Sycamore Creek, Toro Creek, Unnamed Stream ZC-01, Unnamed Stream ZC-02, West Branch Toro Creek, West Fork Zanja de Cota Creek, Westmont Creek, Zaca Creek	2018 Southern California Wildfire FEMA R9 QL1 LiDAR	10cm	Not Provided	USGS 2018a
Goleta, City of	N/A	Aerial Photography	1:200	5 ft	N/A
Goleta, City of	Alamo Pintado Creek	Grading Plans	1:480	1 ft	N/A

Table 22: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Vertical Accuracy	Horizontal Accuracy	Citation
Goleta, City of; Santa Barbara County, Unincorporated Areas	San Jose Creek	Topographic Maps	1;2,400	2 ft	N/A
Goleta, City of; Santa Barbara County, Unincorporated Areas	San Jose Creek	Topographic Maps	1:480	1 ft	N/A
Lompoc, City of	East-West Channel	Construction Plans	1:1,200	2 ft	N/A
Lompoc, City of	East-West Channel	Topographic Map	1:1,200	2 ft	N/A
Lompoc, City of	East-West Channel	Grading Plan	1:480	N/A	N/A
Lompoc, City of	East-West Channel	Grading Plan	1:600	N/A	N/A
Lompoc, City of	East-West Channel	Topographic Maps, Grading Plans, and a USGS Topographic Quadrangle Map	1:24,000	10 ft 40 ft	N/A

BFEs shown at cross sections on the FIRM represent the 1-percent-annual-chance water surface elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report. Rounded whole-foot elevations may be shown on the FIRM in coastal areas, areas of ponding, and other areas with static base flood elevations.

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 3 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV003E
Version Number 2.6.4.6

FEMA

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Exhibits

Published Separately

Flood Insurance Rate Map (FIRM)

Table 23: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1068	28	117	5.1	377.1	377.1	377.4	0.3
B	1293	44	225	2.7	383.8	383.8	383.8	0.0
C	1602	33	166	3.6	384.5	384.5	384.8	0.3
D	2054	35	132	4.5	395.4	395.4	396.3	0.9
E	3617	20	91	6.5	409.5	409.5	409.8	0.3
F	4092	46	110	5.4	417.3	417.3	417.3	0.0
G	5809	28	104	5.1	439.0	439.0	439.2	0.2
H	6064	40	91	5.9	445.2	445.2	445.4	0.2
I	6536	39	175	3.1	458.9	458.9	458.9	0.0
J	6995	19	57	9.5	468.0	468.0	468.0	0.0
K	8240	22	83	6.5	483.0	483.0	483.4	0.4
L	8704	26	206	2.6	495.2	495.2	495.6	0.4
M	9545	23	107	3.8	506.4	506.4	506.6	0.2
N	9916	28	193	1.6	516.8	516.8	517.4	0.6
O	10824	30	130	2.3	524.0	524.0	524.3	0.3
P	11378	23	87	3.5	532.8	532.8	533.1	0.3
Q	11734	32	66	4.6	535.6	535.6	535.8	0.2
R	12306	42	133	2.3	544.4	544.4	545.1	0.7
S	12744	15	45	6.7	548.1	548.1	548.2	0.1

[1]Stream distance in feet above confluence with the Santa Ynez River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ADOBE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	145	12	9	4.8	426.1	426.1	426.1	0.0
B	429	7	8	5.3	439.8	439.8	439.8	0.0
C	826	9	10	4.1	454.6	454.6	454.6	0.0
D	1285	9	9	4.5	470.3	470.3	470.3	0.0
E	1447	8	13	3.3	478.8	478.8	478.8	0.0
F	1511	7	7	5.8	480.1	480.1	480.1	0.0
G	1800	15	12	3.6	490.7	490.7	490.8	0.1
H	2015	7	7	5.7	497.0	497.0	497.0	0.0
I	2225	13	9	4.6	506.8	506.8	506.8	0.0
J	2358	10	11	3.8	511.5	511.5	511.5	0.0

[1]Stream distance in feet above confluence with Adobe Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ADOBE CREEK TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,901	170	634	11.7	410.7	410.7	410.7	0.0
B	2,429	160	1,141	6.6	414.3	414.3	415.3	1.0
C	2,957	150	641	12.1	420.0	420.0	420.3	0.3
D	3,538	500	1,245	9.0	425.5	425.5	425.5	0.0
E	4,066	420	1,403	5.4	431.2	431.2	432.0	0.8
F	4,752	510	1,752	4.5	436.9	436.9	437.9	1.0
G	5,597	300	980	8.8	448.8	448.8	448.9	0.1
H	6,125	350	1,127	6.6	453.8	453.8	454.0	0.2
I	7,181	159	664	11.1	471.4	471.4	471.4	0.0
J	8,766	84	703	10.5	495.9	495.9	495.9	0.0
K	9,390	83	870	6.2	501.1	501.1	501.1	0.0
L	9,910	66	612	8.8	502.6	502.6	502.7	0.1
M	10,420	52	541	10.0	508.9	508.9	508.9	0.0
N	11,200	78	961	7.8	519.4	519.4	519.4	0.0
O	11,990	97	449	12.0	535.6	535.6	535.6	0.0
P	12,510	228	1,012	5.3	542.3	542.3	542.3	0.0
Q	12,960	244	1,338	4.0	546.1	546.1	546.1	0.0
R	13,675	172	801	6.7	554.4	554.4	554.4	0.0
S	14,460	104	467	11.6	560.9	560.9	561.0	0.1
T	14,680	180	1,265	4.3	567.7	567.7	568.6	0.9
U	15,629	90	639	8.4	578.2	578.2	578.9	0.7
V	16,315	126	743	7.3	581.3	581.3	582.0	0.7
W	16,742	100	584	9.2	593.8	593.8	593.8	0.0
X	17,196	100	840	6.4	598.9	598.9	599.5	0.6
Y	17,721	140	726	7.4	601.2	601.2	602.2	1.0
Z	18,269	100	518	10.4	608.0	608.0	608.1	0.1

[1]Stream distance in feet above confluence with Santa Ynez River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ALAMO PINTADO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AA	18,820	137	527	10.2	616.5	616.5	616.6	0.1
AB	19,345	143	625	8.6	621.4	621.4	621.4	0.0
AC	19,642	70	398	13.6	623.8	623.8	623.8	0.0
AD	20,381	81	612	8.8	638.8	638.8	638.8	0.0
AE	20,894	103	607	8.9	643.3	643.3	643.6	0.3
AF	21,289	60	375	14.4	648.1	648.1	648.1	0.0
AG	21,965	70	513	10.5	663.7	663.7	663.8	0.1
AH	22,502	103	864	6.3	670.5	670.5	670.7	0.2
AI	23,021	110	968	5.6	672.9	672.9	673.6	0.7
AJ	23,654	61	380	14.2	680.6	680.6	680.7	0.1
AK	24,064	85	614	8.8	686.8	686.8	687.0	0.2
AL	24,700	194	851	6.3	690.4	690.4	690.7	0.3
AM	25,450	80	498	10.8	702.7	702.7	703.1	0.4
AN	26,189	70	396	13.6	716.4	716.4	716.5	0.1
AO	26,740	115	715	7.6	722.5	722.5	723.4	0.9
AP	27,245	123	477	11.3	727.3	727.3	727.3	0.0
AQ	28,142	65	576	9.4	743.0	743.0	743.8	0.8
AR	28,882	152	960	5.6	757.3	757.3	757.4	0.1
AS	29,357	51	358	15.1	760.3	760.3	761.0	0.7
AT	29,885	80	606	8.9	768.1	768.1	769.1	1.0
AU	30,413	113	502	10.8	776.6	776.6	776.6	0.0
AV	30,941,	80	414	13.1	782.7	782.7	782.7	0.0
AW	31,469	65	458	11.8	791.5	791.5	792.0	0.5
AX	32,208	113	540	10.0	803.5	803.5	803.5	0.0
AY	33,053	154	1,013	5.3	816.0	816.0	816.0	0.0
AZ	33,581	80	413	13.1	828.5	828.5	828.5	0.0
BA	34,063	55	380	12.1	833.0	833.0	833.0	0.0

[1]Stream distance in feet above confluence with Santa Ynez River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ALAMO PINTADO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,266	44	560	9.8	395.9	395.9	396.6	0.7
B	3,764	39	500	11.0	410.7	410.7	411.3	0.6
C	5,493	213	1,504	3.4	427.4	427.5[2]	428.4	0.9
D	6,870	82	526	10.5	434.8	434.8	435.6	0.8
E	9,317	51	529	9.1	454.6	454.6	455.6	1.0
F	10,138	72	639	7.6	465.4	465.4	465.6	0.2
G	11,082	160	794	5.5	473.1	473.1	474.0	0.9
H	12,178	421	1,205	3.7	480.0	480.0	480.5	0.5
I	12,954	218	1,000	4.3	483.3	483.3	484.2	0.9
J	15,289	93	538	8.0	500.5	500.5	500.9	0.4
K	16,304	43	395	9.2	507.9	507.9	508.3	0.4
L	17,253	90	596	6.1	516.7	516.7	517.1	0.4
M	18,578	66	532	6.8	529.6	529.6	529.8	0.2

[1]Stream distance in feet above confluence with Santa Ynez River
[2] Computed without consideration of backwater effects.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ALISAL CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A[2]	638	174	1,329	4.5	14.0	14.0	14.0	0.0
B[2]	3,398	51	532	11.2	32.7	32.7	33.1	0.4
C	5,386	80	649	9.2	45.3	45.3	45.3	0.0
D	6,592	63	669	8.9	58.5	58.5	58.5	0.0
E	8,264	65	418	13.7	68.0	68.0	68.0	0.0
F	11,434	51	550	9.0	102.4	102.4	102.5	0.1
G	13,187	64	408	11.5	115.6	115.6	115.6	0.0
H	14,844	51	550	9.0	132.4	132.4	132.4	0.0
I	16,932	46	492	11.7	172.4	172.4	172.4	0.0
J	17,672	21	131	14.1	178.3	178.3	178.3	0.0
K	18,647	28	217	8.5	194.8	194.8	194.8	0.0
L	21,521	27	142	13.0	257.3	257.3	257.3	0.0
M	23,214	28	123	11.8	306.8	306.8	306.8	0.0
N	24,899	79	190	7.6	352.8	352.8	352.8	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean
[2]Cross-section data based on LOMR 19-09-2341P not incorporated on FIRM. Profile also updated.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ARROYO BURRO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	6	14	34	8.2	39.1	34.1[2]	34.2	0.1
B	228	30	60	4.7	43.0	43.0	43.9	0.9
C	530	17	34	8.2	50.5	50.5	51.0	0.5
D	1,166	13	33	9.5	71.4	71.4	71.4	0.0
E	1,329	14	32	8.7	84.9	84.9	84.9	0.0

[1]Stream distance in feet above confluence with Arroyo Paredon Creek
[2]Computed without consideration of backwater effects

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ARROYO PAREDON TRIBUTARY

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[3]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,430	151	2357	5.5	16.4	16.4	27	0.6
B	6,250	392	1362	9.9	18.9	18.9	18.9	0.0
C	6,765	349	1620	8.3	20.7	20.7	20.8	0.1
D	7,280	114	1033	13.1	21.1	21.1	21.5	0.4
E	8,290	437	1296	10.4	24.2	24.2	24.2	0.0
F	10,090	360	1851	4.3	31.1	31.1	31.5	0.4
G	10,585	300	1725	4.6	31.4	31.4	31.7	0.3
H	11,575	155	1041	7.7	32.4	32.4	32.8	0.4
I	12,555	108	944	8.5	33.4	33.4	33.9	0.5
J	13,530	104	790	10.1	34.7	34.7	35.1	0.4
K	14,075	96	1010	6.4	36.4	36.4	36.7	0.3
L	15,595	90	712	9.1	37.5	37.5	37.9	0.4
M	16,090	89	733	8.9	38.6	38.6	38.8	0.2
N	16,830	104	1055	6.2	40.1	40.1	40.4	0.3
O[1]	17,390	*	*	*	44.1	44.1	*	*
P[1]	18,350	*	*	*	50.2	50.2	*	*
Q[2]	19,340	55	343	14.3	58.5	58.5	58.5	0.0
R[2]	19,735	68	333	13.0	62.4	62.4	62.4	0.0
S[2]	20,485	51	316	13.7	67.0	67.0	67.0	0.0
T[2]	20,820	28	145	9.0	70.2	70.2	70.2	0.0
U[2]	21,210	23	126	10.3	72.6	72.6	72.6	0.0

[1]Floodway not computed
[2]Floodway contained in channel
[3]Stream distance in feet above confluence with San Pedro Creek
* Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ATASCADERO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[2]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V[1]	21,520	21	103	12.6	75.2	75.2	75.2	0.0
W[1]	21,840	30	117	11.2	85.2	85.2	85.2	0.0
X	22,176	90	*	*	88.7	88.7	88.7	0.0
Y	22,810	170	*	*	104.6	104.6	104.6	0.0
Z	23,602	570	*	*	123.4	123.4	123.5	0.1
AA	24,288	110	*	*	124.6	124.6	125.6	1.0
AB	25,344	80	*	*	144.6	144.6	145.0	0.4
AC	25,714	90	*	*	153.1	153.1	153.1	0.0
AD	26,189	110	*	*	165.6	165.6	165.8	0.2
AE	27,456	200	*	*	190.2	190.2	191.1	0.9
AF	27,878	150	*	*	201.1	201.1	201.3	0.2
AG	28,882	130	*	*	221.7	221.7	221.7	0.0
AH	29,462	110	*	*	228.6	228.6	229.1	0.5
AI	30,307	70	*	*	251.8	251.8	251.9	0.1

[1]Stream distance in feet above confluence with San Pedro Creek
[2]Floodway contained in channel
* Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ATASCADERO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	370	100	445	8.0	9.1	9.1	10.1	1.0
B	898	80	413	8.6	14.9	14.9	14.9	0.0
C	1,426	90	413	8.6	19.4	19.4	20.2	0.8
D	1,742	80	575	6.2	22.1	22.1	22.8	0.7
E	3,326	70	639	5.6	39.2	39.2	39.3	0.1
F	3,854	74	689	6.7	44.3	44.3	44.5	0.2
G	4,224	97	545	8.4	50.3	50.3	50.3	0.0
H	4,780	120	606	7.6	56.5	56.5	56.5	0.0
I	5,170	79	731	6.3	61.8	61.8	61.8	0.0
J	5,280	140	496	9.3	69.6	69.6	70.6	1.0
K	5,438	260	1,210	3.8	70.0	70.0	71.0	1.0
L	5,861	58	2,299	2.0	70.0	70.0	71.0	1.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BELL CANYON WASH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	926	22	119	12.9	122.1	122.1	122.3	0.2
B	1,299	28	128	12.0	131.8	131.8	131.8	0.0
C	1,859	42	145	10.5	149.9	149.9	149.9	0.0
D	2,232	47	152	10.1	165.8	165.8	165.8	0.0
E	2,983	20	113	13.5	190.5	190.5	190.5	0.0
F	3,434	50	156	9.8	204.1	204.1	204.1	0.0
G	3,957	59	169	9.1	220.3	220.3	220.3	0.0

[1]Stream distance in feet above confluence with Romero Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BUENA VISTA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
H	5,108	65	405	1.7	257.5	257.5	258.5	1.0
I	5,368	16	60	11.1	261.9	261.9	262.0	0.1
J	5,905	40	170	3.9	282.9	282.9	283.6	0.7
K	6,303	13	57	11.8	296.1	296.1	296.4	0.3
L	6,746	29	108	6.2	315.4	315.4	315.6	0.2
M	7,314	21	59	9.4	336.9	336.9	336.9	0.0
N	7,429	13	50	11.1	341.8	341.8	341.8	0.0
O	7,875	35	74	7.5	371.1	371.1	371.1	0.0
P	8,509	12	49	11.4	416.0	416.0	416.0	0.0
Q	8,681	14	51	10.9	435.3	435.3	435.3	0.0
R	9,114	14	52	10.8	503.2	503.2	503.2	0.0
L	6,746	29	108	6.2	315.4	315.4	315.6	0.2
M	7,314	21	59	9.4	336.9	336.9	336.9	0.0
N	7,429	13	50	11.1	341.8	341.8	341.8	0.0
O	7,875	35	74	7.5	371.1	371.1	371.1	0.0
P	8,509	12	49	11.4	416.0	416.0	416.0	0.0
Q	8,681	14	51	10.9	435.3	435.3	435.3	0.0
R	9,114	14	52	10.8	503.2	503.2	503.2	0.0

[1]Stream distance in feet above the confluence with Romero Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE:
BUENA VISTA CREEK EAST BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,041	14	47	10.3	284.3	284.3	284.3	0.0
B	1,446	13	46	10.5	310.3	310.3	310.3	0.0
C	1,655	16	49	9.8	328.0	328.0	328.0	0.0
D	1,833	13	46	10.5	342.0	342.0	342.0	0.0
E	1,965	24	56	8.7	353.9	353.9	353.9	0.0
F	2,299	17	50	9.7	386.2	386.2	386.2	0.0
G	2,799	20	53	9.1	441.7	441.7	441.7	0.0
H	3,035	21	54	9.0	461.8	461.8	461.8	0.0
I	3,461	21	55	8.8	502.5	502.5	502.5	0.0
J	3,836	22	56	8.7	537.6	537.6	537.6	0.0
K	4,584	32	61	7.9	616.6	616.6	616.7	0.1
L	5,265	23	176	2.7	684.6	684.6	684.6	0.0

[1]Stream distance in feet above confluence with Buena Vista East Creek and Buena Vista Creek Esat Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BUENA VISTA CREEK WEST BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,540	*	*	*	14.2	14.2	15.2	1.0
B	3,168	1,100	*	*	15.3	15.3	15.8	0.5
C	3,696	1,160	*	*	17.7	17.7	18.1	0.4
D	4,224	940	*	*	18.8	18.8	18.8	0.0
E	4,752	980	*	*	20.6	20.6	21.5	0.9
F	5,280	1,650	*	*	37.6	37.6	37.6	0.0
G	5,861	1,250	*	*	39.1	39.1	39.1	0.0
H	6,442	63	*	*	45.1	45.1	45.1	0.0
I	7,392	54	*	*	55.4	55.4	56.0	0.6
J	7,920	50	*	*	65.4	65.4	65.4	0.0
K	8,448	50	*	*	70.2	70.2	70..8	0.6
L	8,976	40	*	*	73.4	73.4	73.9	0.5

[1]Stream distance in feet above confluence with Tecolotito Creek
*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CARNEROS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	764	120	1,640	6.3	20.4	21.2[2]	21.2	0.0
B	1,254	220	1,750	5.9	21.2	22.0[2]	22.0	0.0
C	1,960	107	1,077	9.6	27.3	27.3	27.5	0.2
D	2,297	174	1,524	7.2	30.5	30.5	30.6	0.1
E	2,935	161	1,115	9.3	35.0	35.0	35.1	0.1
F	3,472	210	1,555	6.6	40.3	40.3	40.4	0.1
G	3,621	183	1,247	8.2	40.8	40.8	40.9	0.1
H	3,875	147	1,411	7.3	43.3	43.3	43.3	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CARPENTERIA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	672	30	*	*	78.9	78.9	79.9	1.0
B	1,727	180	*	*	88.4	88.4	88.9	0.5
C	2,160	50	*	*	90.9	90.9	90.9	0.0
D	2,640	30	*	*	93.9	93.9	94.3	0.4
E	3,062	30	*	*	101.3	101.3	101.3	0.0
F	3,620	20	*	*	110.0	110.0	110.0	0.0
G	4,066	60	*	*	122.8	122.8	122.8	0.0
H	4,171	70	*	*	122.9	122.9	122.9	0.0
I	5,016	180	*	*	139.6	139.6	139.6	0.0
J	5,755	236	*	*	140.0	140.0	140.0	0.0
K	6,125	150	*	*	140.7	140.7	140.7	0.0
L	8,131	30	*	*	180.4	180.4	180.4	0.0
M	8,402	24	*	*	185.3	185.3	185.3	0.0
N	9,042	110	*	*	204.3	204.3	204.3	0.0
O	9,293	180	*	*	211.2	211.2	211.2	1.0

[1]Stream distance in feet above confluence with Atascadero Creek

*Data not available

Cross-section data based on LOMR 12-09-3094P reflected in NFHL, but not of FIRM panel. Flood Profile also updated.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CIENEGITAS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	13,138	57	316	13.2	429.7	429.7	429.7	0.0
B	13,657	60	318	13.1	461.1	461.1	461.1	0.0
C	14,077	37	292	14.3	483.6	483.6	483.7	0.1
D	15,415	83	357	11.7	579.7	579.7	579.7	0.0
E	16,003	71	346	12.1	611.2	611.2	611.4	0.2
F	16,606	44	289	14.5	648.8	648.8	648.8	0.0
G	17,272	81	358	11.7	699.1	699.1	699.1	0.0

[1]Stream distance in feet above confluence with Hot Springs Creek and Monteci

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: COLD SPRINGS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	791	133	1,218	3.2	10.9	10.9	11.7	0.8
B[2]	1403	80	772	5.0	11.2	11.2	11.9	0.7
C[2]	1,749	596	3,533	1.1	11.7	11.7	12.4	0.7
D[2]	3,380	857	4,282	1.0	11.8	11.8	12.5	0.7
E[2]	3,920	342	2,672	1.5	13.9	13.9	14.0	0.1
F[2]	5,361	300	2,184	1.9	14.0	14.0	14.1	0.1
G[2]	6,659	220	1,303	2.7	15.2	15.2	15.4	0.2
H[2]	7,875	178	687	2.5	16.9	16.9	17.1	0.2
I[2]	9,059	50	302	4.0	23.4	23.4	24.0	0.6
J	9,929	77	170	3.9	25.8	25.8	25.9	0.1
K	11,418	85	211	3.1	39.9	39.9	40.7	0.8
L	13,184	64	102	4.4	55.9	55.9	55.9	0.0
M	14,197	58	135	3.3	70.3	70.3	70.3	0.0
N	14,729	15	59	7.7	79.6	79.6	80.5	0.9
O	14,989	18	50	9.0	90.7	90.7	91.0	0.3
P	15,595	25	66	3.5	98.6	98.6	98.6	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

[2]Cross-section data based on LOMR 21-09-0174P reflected in NFHL, but not on FIRM panel. Flood Profile also updated.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DEVEREAUX CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	150	123	427	1.2	25.7	25.7	26.7	1.0
B	1,349	63	298	1.7	43.2	43.2	43.6	0.4
C	2,060	33	125	2.9	49.6	49.6	49.9	0.3
D	2,505	29	87	4.3	52.1	52.1	53.0	0.9
E	3,064	13	46	3.3	58.1	58.1	58.1	0.0
F	3,569	40	322	0.5	76.4	76.4	76.9	0.5

[1]Stream distance in feet above confluence with Devereaux Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DEVEREAUX CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A[3]	113	117	420	4.8	14.0	11.1[2]	11.1	0.6
B[3]	266	305	436	4.6	15.4	15.4	15.4	0.5
C	1,019	35	198	10.1	18.6	18.6	18.7	0.1
D	1,544	44	292	6.9	21.0	21.0	21.1	0.1
E	2,535	37	113	18.6	24.5	24.5	24.5	0.0
F	3,221	23	198	10.1	32.3	32.3	33.3	1.0
G	3,889	35	189	7.9	44.3	44.3	44.4	0.1

[1]Stream distance in feet above confluence with Devereaux Creek
[2]Elevation computed without consideration of backwater effects from Devereaux Creek
[3]Cross-section data based on LOMR 21-09-0174P not incorporated on FIRM. Profile also updated

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DEVEREAUX CREEK TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A[3]	512	188	230	3.1	13.9	6.8[2]	6.8	0.0
B[3]	638	207	265	2.7	13.9	7.2[2]	7.2	0.0
C[3]	1,070	181	142	5.1	13.9	8.2[2]	8.2	0.0
D[3]	1,339	102	74	2.4	13.9	9.2[2]	9.2	0.0
E[3]	1,949	56	99	0.3	13.9	12.5[2]	12.5	0.0

[1]Stream distance in feet above confluence with Devereaux Creek
[2]Elevation computed without consideration of backwater effects with Devereaux Creek
[3]Cross-section data based on LOMR 21-09-0174P reflected in NFHL, but not on FIRM panel. Flood Profile also updated

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: DEVEREAUX CREEK TRIBUTARY 3

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	211	48	280	9.6	499.8	498.3[2]	499.3	1.0
B	792	110	418	6.5	505.1	505.1	505.1	0.0
C	1,637	105	362	7.5	511.7	511.7	511.7	0.0
D	2,534	150	576	4.7	518.2	518.2	518.2	0.0
E	3,274	135	622	4.3	520.6	520.6	520.6	0.0
F	3,852	110	538	5.0	522.4	522.4	522.4	0.0
G	4,330	60	238	11.4	527.8	527.8	528.6	0.8
H	5,069	110	505	5.3	536.2	536.2	537.2	1.0
I	5,702	100	590	4.6	541.7	541.7	542.7	1.0
J	6,283	100	370	7.3	544.2	544.2	544.8	0.6
K	7,022	70	401	6.7	549.6	549.6	550.1	0.5
L	7,392	34	201	13.5	552.7	552.7	553.7	1.0
M	7,973	80	503	5.4	559.8	559.8	560.8	1.0
N	8,554	111	725	3.7	569.9	569.9	570.9	1.0
O	8,765	40	213	12.7	570.7	570.7	570.7	0.0
P	9,451	70	597	4.5	582.4	582.4	583.4	1.0
Q	10,060	70	257	10.5	591.3	591.3	591.7	0.4
R	11,510	60	92	7.1	601.8	601.8	601.8	0

[1]Stream distance in feet above confluence with Alamo Pintado Creek

[2]Backwater effects from Alamo Pintado Creek based on LOMR 13-09-2698P

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST BRANCH ALAMO PINTADO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
S	12,197	24	110	5.9	610.7	610.7	611.7	1.0
T	12,540	108	112	5.8	618.8	618.8	619.0	0.2
U	13,464	50	70	9.2	641.5	641.5	642.4	0.9
V	13,852	27	70	5.8	647.9	647.9	647.9	0.0
W	14,309	29	128	9.2	661.4	661.4	661.4	0.0
X	14,915	40	80	5.1	679.4	679.4	679.6	0.2
Y	15,440	40	99	8.1	690.4	690.4	690.6	0.2
Z	15,874	35	111	6.6	695.1	695.1	695.7	0.6
AA	16,262	50	127	5.9	699.3	699.3	700.1	0.8
AB	16,368	287	1,297	0.5	708.0	708.0	708.0	0.0
AC	16,685	294	976	0.7	708.1	708.1	708.1	0.0

[1]Stream distance in feet above confluence with Alamo Pintado Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST BRANCH ALAMO PINTADO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	16	41	512	1.7	257.4	257.4	257.4	0.0
B	494	17	74	12.0	282.1	282.1	282.1	0.0
C	888	24	192	4.6	320.0	320.0	320.6	0.6
D	1,504	21	80	11.1	354.9	354.9	354.9	0.0
E	2,047	18	76	11.8	396.3	396.3	396.3	0.0
F	2,372	28	108	8.3	427.8	427.8	428.4	0.6
G	3,004	21	80	11.2	469.4	469.4	469.5	0.1
H	3,391	28	89	10.0	498.0	498.0	498.0	0.0

[1]Stream distance in feet above confluence with Toro Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST BRANCH TORO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	300	45	228	6.6	158.8	158.8	159.0	0.2
B	500	45	146	10.3	163.2	163.2	163.2	0.0
C	700	36	150	10.0	169.7	169.7	169.7	0.0
D	964	37	260	5.8	179.7	179.7	179.7	0.0
E	1,755	39	139	10.8	204.3	204.3	204.3	0.0
F	1,915	67	183	8.2	209.9	209.9	210.0	0.1
G	2,140	50	237	6.3	214.4	214.4	214.4	0.0
H	2,600	83	207	7.2	221.1	221.1	221.1	0.0
I	2,800	90	203	7.4	225.1	225.1	225.1	0.0
J	3,000	83	201	7.4	231.0	231.0	231.0	0.0
K	3,400	77	191	7.9	241.4	241.4	241.4	0.0
L	3,600	36	131	11.4	245.6	245.6	245.6	0.0
M	3,800	34	132	11.3	253.4	253.4	253.4	0.0

[1]Stream distance in feet above confluence of with Maria Ygnacia Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK MARIA YGNACIA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,035	321	1,940	2.8	451.7	451.7	452.6	0.9
B	2,704	317	2,290	1.9	452.9	452.9	453.6	0.7
C	3,884	235	1,458	2.7	456.8	456.8	457.8	1.0
D	4,218	186	1,067	3.7	458.4	458.4	459.3	0.9
E	5,617	180/174*	1,065	3.7	468.8	468.8	469.8	1.0
F	7,357	182/23*	1,062	3.8	489.7	489.7	490.6	0.9
G	7,912	169	1,097	3.6	494.5	494.5	495.2	0.7
H	8,245	113	662	6.0	497.5	497.5	498.4	0.9
I	8,937	140	741	5.4	504.7	504.7	505.6	0.9
J	10,668	201/11*	883	4.8	521.7	521.7	522.3	0.6
K	14,054	35	358	6.9	567.3	567.3	568.2	0.9
L	14,591	68	335	7.4	568.6	568.6	569.6	1.0
M	14,885	90	459	5.4	573.1	573.1	573.1	0.0
N	15,049	327	4,447	0.5	591.3	591.3	592.3	1.0
O	15,999	266	2,420	1.0	591.3	591.3	592.3	1.0
P	16,633	285	449	5.3	593.0	593.0	593.2	0.2
Q	17,055	279	751	3.2	594.7	594.7	594.8	0.1
R	17,689	80	251	9.6	598.9	598.9	598.9	0.0
S	18,164	80	475	5.1	602.7	602.7	603.1	0.4
T	18,797	62	322	7.5	605.1	605.1	605.7	0.6
U	19,642	120	577	4.2	608.9	608.9	609.9	1.0
V	20,677	81	350	6.9	612.3	612.3	613.3	1.0
W	21,102	80	365	6.6	616.5	616.5	616.5	0.0
X	21,687	60	279	8.6	620.7	620.7	621.4	0.7

[1]Stream distance in feet above confluence with Santa Ynez River

*****Located within or partially within Santa Ynez Tribe of Chumash Indians Native Lands – shown as Zone D

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST FORK ZANJA DE COTA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (**FEET**)	SECTION AREA (**SQ. FEET**)	MEAN VELOCITY (**FEET/ SEC**)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	528	79	324	7.1	597.8	597.8	598.8	1.0
B	2,376	110	332	6.9	619.8	619.8	620.6	0.8
C	2,957	100	905	2.5	632.6	632.6	633.4	0.8
D	3,749	42	192	12.0	636.1	636.1	637.1	1.0
E	4,118	120	270	8.5	641.4	641.4	641.7	0.3
F	4,200	250	1,002	2.3	642.4	642.4	643.2	0.8
G	5,227	53	208	11.1	650.6	650.6	651.6	1.0
H	5,702	108	476	4.8	656.7	656.7	657.7	1.0
I	6,600	46	196	11.7	666.1	666.1	667.1	1.0
J	7,100	156	631	3.6	671.2	671.2	672.2	1.0
K	7,550	63	218	10.6	675.1	675.1	676.1	1.0
L	7,867	331	592	3.9	681.6	681.6	682.2	0.6
M	8,220	150	318	7.2	685.9	685.9	685.9	0.0
N	8,765	84	360	6.4	691.0	691.0	692.0	1.0
O	9,346	66	221	10.4	700.0	700.0	701.0	1.0
P	9,979	86	435	5.3	707.1	707.1	708.1	1.0
Q	10,402	47	197	11.7	710.9	710.9	711.9	1.0
R	11,035	183	625	3.7	717.4	717.4	718.4	1.0

[1]Stream distance in feet above confluence of with East Branch Alamo Pintado Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST TRIBUTARY TO EAST BRANCH ALAMO PINTADO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,175	281	849	4.2	103.4	103.4	104.4	1.0
B	2,270	400	2276	1.6	105.5	105.5	106.4	0.9
C	2,798	60	341	10.6	105.5	105.5	106.4	0.9
D	3,062	123	612	5.9	112.8	112.8	112.8	0.0
E	3,590	70	586	6.1	116.9	116.9	117.4	0.5

[1]Stream distance in feet above confluence with Winchester Canyon Wash

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ELLWOOD CANYON WASH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	515	24	107	12.1	96.3	96.3	96.3	0.0

[1]Stream distance in feet above confluence with San Jose Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FREMONT CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	578	20	68	10.4	431.6	431.6	431.6	0.0
B	964	24	72	9.9	459.9	459.9	459.9	0.0
C	1,850	20	68	10.5	524.9	524.9	525.0	0.1
D	2,511	20	68	10.5	581.9	581.9	581.9	0.0
E	2,854	20	69	10.4	608.8	608.8	608.8	0.0
F	3,213	19	67	10.6	643.6	643.6	643.6	0.0

[1]Stream distance in feet above confluence with Cold Springs Creek and Montecito Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HOT SPRINGS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A[2]	*	*	*	*	11.7	11.7	*	*
B[2]	*	*	*	*	12.3	12.3	*	*
C	1,494	77	713	2.8	12.8	12.8	13.7	0.9
D	1,957	115	1,455	1.4	13.1	13.1	14.0	0.9
E	2,362	57	657	3.1	13.4	13.4	14.2	0.8

[1]Stream distance in feet above the confluence with the Pacific Ocean
[2]Influenced by coastal flooding

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LAGUNA CHANNEL

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	70	63	382	4.1	60.8	60.8	60.8	0.0
B	1,501	87	178	8.9	87.0	87.0	87.0	0.0
C	2,805	30	131	12.0	101.3	101.3	101.3	0.0

[1]Stream distance in feet above confluence with Arroyo Burro Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LAS POSITAS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A[2]	1,770	173	856	4.2	31.0	31.0	31.1	0.1
B	2,376	230	1,048	3.8	32.4	32.4	32.4	0.0
C	3,010	57	292	9.9	34.4	34.4	34.4	0.0
D	3,643	42	224	9.4	37.7	37.7	37.8	0.1
E	4,500	49	188	11.2	44.0	44.0	44.0	0.0
F	4,910	41	178	11.8	46.9	46.9	46.9	0.0
G	5,122	60	214	9.8	57.0	57.0	57.0	0.0
H	5,491	100	292	7.2	63.2	63.2	63.2	0.0
I	5,808	40	184	11.4	67.3	67.3	67.6	0.3
J	6,125	64	577	3.6	78.5	78.5	78.5	0.0

[1]Stream distance in feet above confluence with San Pedro Creek
[2]Cross-section data based on LOMR 21-09-0037 reflected in NFHL, but not on FIRM panel. Flood Profile also updated.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LAS VEGAS CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,150	116	820	10.4	31.8	31.8	32.1	0.3
B	1,650	137	969	8.8	34.1	34.1	34.2	0.1
C	2,150	123	850	10.0	35.3	35.3	35.4	0.1
D	2,660	117	818	10.4	36.9	36.9	36.9	0.0
E	3,150	96	687	12.4	38.5	38.5	38.5	0.0
F	3,570	117	674	12.6	40.8	40.8	40.8	0.0
G	4,120	110	1,154	7.7	50.9	50.9	51.0	0.1
H	4,870	85	912	9.8	56.5	56.5	56.5	0.0
I	5,170	90	1,220	7.3	59.7	59.7	59.7	0.0
J	5,320	85	1,197	7.4	60.2	60.2	60.3	0.1
K	5,770	99	1,247	7.1	62.1	62.1	62.3	0.2
L	6,320	74	930	9.6	64.0	64.0	64.3	0.3
M	7,020	70	709	7.3	70.4	70.4	70.4	0.0
N	7,350	90	933	5.6	73.1	73.1	73.5	0.4
O	7,970	108	843	6.2	75.3	75.3	75.6	0.3
P	8,820	74	564	9.2	81.2	81.2	81.3	0.1
Q	9,320	103	655	7.9	86.4	86.4	86.4	0.0
R	9,770	50	454	11.5	90.3	90.3	90.4	0.1
S	10,520	60	366	14.2	95.3	95.3	95.3	0.0
T	10,970	49	535	9.7	102.9	102.9	103.2	0.3
U	11,690	103	941	5.6	117.4	117.4	117.4	0.0
V	12,070	70	823	6.4	118.3	118.3	118.4	0.1
W	12,470	65	529	10.0	119.3	119.3	119.9	0.6
X	13,320	65	563	9.4	129.9	129.9	130.2	0.3

[1]Stream distance in feet above confluence with Atascadero Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MARIA YGNACIA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	14,170	115	987	5.4	140.1	140.1	140.2	0.1
AA	14,570	105	898	5.9	140.8	140.8	140.9	0.1
AB	14,970	53	549	9.7	145.8	145.8	145.6	0.1
AC	15,270	41	343	15.4	146.8	146.8	147.2	0.4
AD	15,750	84	599	8.9	155.4	155.4	155.4	0.0
AE	16,470	63	539	7.4	159.0	159.0	159.2	0.2
AF	16,820	118	1,043	3.8	160.7	160.7	160.9	0.2
AG	17,070	66	489	8.2	160.8	160.8	161.1	0.

[1]Stream distance in feet above confluence with Atascadero Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MARIA YGNACIA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A-C[2]	*	*	*	*	*	*	*	*
D	9,900	53	441	14.1	87.8	87.8	88.8	1.0
E	10,160	118	911	6.8	92.5	92.5	92.5	0.0
F	10,670	74	659	9.4	97.0	97.0	97.5	0.5
G	11,000	410	1,581	3.9	101.6	101.6	102.4	0.8
H	11,490	320	942	6.6	104.8	104.8	105.2	0.4
I	11,770	50	449	13.8	107.4	107.4	107.4	0.0
R[3]-T[2]	*	*	*	*	*	*	*	*
U	19,110	72	481	4.8	223.8	223.8	223.8	0.0
V	19,460	79	496	14.3	233.0	233.0	233.0	0.0
W	20,021	84	534	13.3	248.0	248.0	248.0	0.0
X	21,475	125	*	*	281.4	281.4	281.4	0.0
Y	22,878	110	1,870	2.6	339.7	339.7	339.7	0.0
Z	23,005	150	1,131	4.3	339.7	339.7	339.7	0.0
AA	23,517	50	330	14.7	349.8	349.8	349.8	0.0
AB	24,041	45	319	15.2	370.2	370.2	370.2	0.0
AC	24,217	48	323	15.0	375.3	375.3	375.3	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean
[2]Floodway not computed
[3]Cross Sections J-Q were removed based on LOMR 15-09-1420P which is reflected in NFHL, but not on FIRM panel. Flood Profile also updated.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MISSION CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	435	236	427	5.2	17.0	17.0	17.0	0.0
B	878	78	351	10.0	21.0	21.0	21.0	0.0
C	1,348	65	304	9.4	28.0	28.0	28.0	0.0
D	1,925	150	427	8.9	38.0	38.0	38.4	0.4
E	2,587	90	605	7.5	54.0	54.0	54.0	0.0
F	3,120	41	170	19.0	64.0	64.0	64.1	0.1
G	3,467	32	208	16.0	75.0	75.0	75.0	0.0
H	3,861	54	311	15.5	85.0	85.0	85.1	0.1
I	4,129	193	392	6.9	96.0	96.0	96.0	0.0
J	5,303	779	1,872	5.5	122.0	122.0	122.1	0.1
K	5,586	520	922	6.8	144.0	144.0	144.1	0.1
L	6,007	576	988	5.3	158.0	158.0	158.1	0.1
M	6,267	408	700	7.5	164.0	164.0	164.1	0.1
N	6,849	116	568	16.0	181.0	181.0	181.1	0.1
O	7,204	51	407	16.2	190.0	190.0	190.0	0.0
P	7,664	45	328	18.3	206.0	206.0	206.0	0.0
Q	8,251	55	425	15.5	230.1	230.1	230.1	0.0
R	8,786	105	588	11.2	255.0	255.0	255.0	0.0
S	9,424	92	522	12.6	272.6	272.6	272.6	0.0
T	10,215	75	456	12.1	304.1	304.1	304.3	0.2
U	10,793	131	578	9.5	325.7	325.7	325.8	0.1
V	11,965	52	363	15.1	381.0	381.0	381.0	0.0
W	12,358	130	553	9.9	399.1	399.1	399.1	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MONTECITO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,557	420	681	20.3	51.0	51.0	51.0	0.0
B	2,236	837	746	3.7	73.0	73.0	73.0	0.0
C	2,888	765	602	3.7	89.0	89.0	89.0	0.0
D	3,360	274	437	6.3	107.0	107.0	107.1	0.1
E	4,002	95	214	10.9	125.0	125.0	125.1	0.1

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MONTECITO CREEK WEST SPLIT

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	234	35	139	5.0	299.3	299.3	299.3	0.0
B	964	42	499	1.4	331.4	331.4	331.7	0.3
C	2,529	47	88	7.9	391.6	391.6	391.6	0.0

[1]Stream distance in feet above confluence with Arroyo Burro Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTHRIDGE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	161	406	912	1.9	15.0	15.0	15.1	0.1
B	285	41	317	6.8	19.0	19.0	19.2	0.2
C	651	299	753	4.1	20.0	20.0	20.2	0.2
D	939	483	550	2.4	26.0	26.0	26.0	0.0
E	1,601	168	195	4.2	35.0	35.0	35.4	0.4
F	2,221	361	382	2.2	46.0	46.0	46.3	0.3
G	2,529	295	352	3.0	51.0	51.0	51.2	0.2
H	2,927	308	292	2.7	59.0	59.0	59.1	0.1
I	3,732	168	282	4.2	75.0	75.0	75.1	0.1
J	4,390	84	240	3.2	92.0	92.0	92.3	0.3
K	5,101	79	132	5.6	108.0	108.0	108.0	0.0
L	5,467	36	174	8.3	117.0	117.0	117.0	0.0
M	6,058	153	291	4.3	143.0	143.0	143.0	0.0
N	6,330	27	108	10.6	144.0	144.0	144.0	0.0
O	6,654	54	153	11.6	151.0	151.0	151.0	0.0
P	7,084	47	170	4.4	171.0	171.0	171.3	0.3
Q	7,401	323	1,117	2.5	172.0	172.0	172.3	0.3
R	8,136	326	189	1.4	198.0	198.0	198.0	0.0
S	8,574	259	138	2.1	205.0	205.0	205.0	0.0
T	8,929	365	138	2.0	216.0	216.0	216.0	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: OAK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
U	9,081	138	95	4.3	230.0	230.0	230.0	0.0
V	9,639	63	204	6.0	238.0	238.0	238.0	0.0
W	10,211	17	70	11.4	263.0	263.0	263.0	0.0
X	10,578	17	69	11.5	282.2	282.2	282.2	0.0
Y	11,176	28	81	9.7	320.8	320.8	320.8	0.0
Z	11,753	18	70	11.3	353.4	353.4	353.4	0.0
AA	12,597	20	72	10.9	431.5	431.5	431.5	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: OAK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	55,500	64	730	606	167.8	167.8	168.3	0.5
B	55,992	319	1,914	2.1	169.0	169.0	169.4	0.4
C	56,790	234	508	7.5	171.6	171.6	171.6	0.0
D	57,576	210	906	4.2	176.6	176.6	177.0	0.4
E	58,098	68	319	11.9	180.3	180.3	180.4	0.1
F	59,030	95	731	5.2	186.7	186.7	187.5	0.8
G	59,453	135	688	5.5	187.6	187.6	188.6	1.0
H	59,799	225	940	4.0	189.0	189.0	189.9	0.9
I	60,509	485	1,158	3.3	191.8	191.8	192.1	0.3
J	61,195	300	651	5.8	195.7	195.7	196.4	0.7
K	61,776	750	1,430	2.7	199.0	199.0	199.9	0.9
L	62,286	258	530	7.2	201.8	201.8	202.0	0.2
M	62,790	554	1,523	2.5	204.4	204.4	205.1	0.7
N	63,450	395	556	6.8	208.0	208.0	208.0	0.0
O	63,975	450	1,079	3.5	212.1	212.1	213.0	0.9
P	64,542	225	500	7.6	216.7	216.7	216.7	0.0
Q	65,126	230	808	4.7	221.3	221.3	222.0	0.7
R	65,674	166	526	7.2	225.0	225.0	225.3	0.3
S	66,270	130	668	5.7	229.0	229.0	229.2	0.2
T	66,370	175	1,116	3.4	233.4	233.4	233.5	0.1
U	68,850	101	355	10.7	246.3	246.3	247.3	1.0
V	70,752	80	456	8.3	262.7	262.7	263.7	1.0
W	71,333	286	513	3.5	269.9	269.9	269.9	0.0
X	71,861	72	201	9.0	275.5	275.5	275.7	0.2
Y	72,230	53	280	6.4	280.0	280.0	280.1	0.1
Z	72,907	48	168	10.7	288.8	288.8	288.8	0.0

[1]Stream distance in approximately 30 feet downstream of Black Road

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ORCUTT CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AA	73,761	614	5,355	0.4	312.3	312.3	312.3	0.0
AB	74,659	294	697	2.7	312.3	312.3	312.3	0.0
AC	75,293	34	155	12.3	314.7	314.7	314.7	0.0
AD	75,821	50	271	7.0	321.6	321.6	321.6	0.0
AE	76,560	51	190	11.0	328.4	328.4	328.4	0.0
AF	77,722	321	3,313	0.6	358.3	358.3	358.3	0.0
AG	78,408	668	2,657	0.8	358.3	358.3	358.3	0.0
AH	78,989	126	331	6.0	359.7	359.7	359.7	0.0
AI	79,675	72	256	7.8	368.2	368.2	368.2	0.0
AJ	80,203	42	173	11.6	375.2	375.2	375.2	0.0
AK	80,890	81	344	5.8	381.9	381.9	382.1	0.2
AL	81,206	42	173	11.6	385.2	385.2	385.2	0.0
AM	82,157	40	170	11.7	396.8	396.8	396.8	0.0
AN	83,160	659	7,258	0.3	426.8	426.8	426.8	0.0
AO	83,794	542	1,723	0.9	426.8	426.8	426.8	0.0
AP	84,163	101	161	9.3	426.8	426.8	426.8	0.0
AQ	84,427	70	230	6.5	432.0	432.0	432.0	0.0
AR	85,958	450	2,234	0.7	459.5	459.5	459.7	0.2
AS	88,245	*	*	*	487.0	487.0	487.0	0.0
AT	89,232	168	249	6.0	500.9	500.9	501.2	0.3
AU	89,602	69	241	6.2	508.9	508.9	509.1	0.2
AV	90,499	40	182	8.3	521.9	521.9	522.0	0.1
AW	91,583	41	154	10.2	542.9	542.9	543.7	0.8
AX	92,770	177	276	8.0	564.0	564.0	565.0	1.0
AY	93,469	129	291	5.1	577.9	577.9	578.3	0.4
AZ	94,714	24	139	10.8	601.6	601.6	601.9	0.3

[1]Stream distance in approximately 30 feet downstream of Black Road
*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ORCUTT CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	198	24	69	9.8	267.6	267.6	267.6	0.0
B	1,000	22	80	8.4	285.3	285.3	285.6	0.3
C	1,396	26	72	9.4	296.8	296.8	296.8	0.0
D	2,451	20	66	10.2	336.6	336.6	336.6	0.0
E	2,713	20	65	10.4	350.4	350.4	350.4	0.0
F	3,028	27	73	9.3	363.3	363.3	363.3	0.0
G	3,603	15	60	11.3	385.1	385.1	385.1	0.0
H	4,460	29	103	6.5	437.7	437.7	438.0	0.3
I	5,981	20	65	10.3	552.9	552.9	552.9	0.0

[1]Stream distance in feet above confluence with Romero Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

FLOODWAY DATA

FLOODING SOURCE: PICAY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	279	495 / 27[2]	2,708	5.4	15.0	15.0	15.0	0.0
B	567	443	2,498	7.7	18.0	18.0	18.0	0.0
C	793	393	1,248	11.3	25.0	25.0	25.0	0.0
D	870	194	808	6.8	35.0	35.0	35.0	0.0
E	1,262	74/0[2]	612	7.4	42.0	42.0	42.0	0.0
F	1,854	133 / 86[2]	1,647	7.2	47.0	47.0	47.0	0.0
G	3,462	83 / 45[2]	1,351	10.5	65.6	65.6	65.6	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean
[2]Total floodway width / width within jurisdiction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RINCON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	280	259	578	5.0	16.0	16.0	16.2	0.2
B	678	331	951	5.9	23.0	23.0	23.5	0.5
C	977	242	543	8.4	30.0	30.0	30.5	0.5
D	1,504	160	595	6.8	36.2	36.2	36.2	0.0
E	2,018	260	632	6.4	43.3	43.3	43.7	0.4
F	2,513	44	284	14.2	52.1	52.1	52.1	0.0
G	3,008	131	461	8.8	63.8	63.8	63.8	0.0
H	3,741	35	267	15.2	77.1	77.1	77.1	0.0
I	4,494	85	406	10.0	94.5	94.5	94.5	0.0
J	4,989	76	334	11.5	106.4	106.4	106.4	0.0
K	5,791	43	276	13.9	125.9	125.9	125.9	0.0
L	6,475	29	240	16.0	144.3	144.3	144.3	0.0
M	6,777	55	313	12.3	150.6	150.6	150.7	0.1
N	7,226	34	249	15.5	161.5	161.5	161.5	0.0
O	7,465	58	315	12.2	176.6	176.6	176.9	0.3
P	8,219	52	294	13.1	195.0	195.0	195.1	0.1
Q	8,742	39	264	14.5	205.8	205.8	205.9	0.1
R	9,633	80	352	10.9	232.1	232.1	232.3	0.2
S	9,941	83	365	10.5	240.4	240.4	240.5	0.1
T	10,748	207	501	7.7	257.6	257.6	257.7	0.1
U	11,755	39	185	12.0	294.3	294.3	294.3	0.0
V	12,198	27	161	13.9	313.7	313.7	313.7	0.0
W	12,744	31	167	13.3	358.3	358.3	358.3	0.0
X	12,913	35	176	12.7	367.6	367.6	367.6	0.0
Y	13,653	33	172	13.0	416.6	416.6	416.6	0.0
Z	14,127	31	170	13.1	451.1	451.1	451.1	0.0
AA	15,193	36	177	12.6	534.2	534.2	534.2	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ROMERO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	116,424	721	1,394	9.7	559.4	559.4	560.2	0.8
B	117,132	134	803	7.9	569.0	569.0	569.6	0.6
C	117,786	73	500	11.2	570.3	570.3	571.3	1.0
D	118,320	52	352	14.8	571.8	571.8	571.8	0.0
E	118,916	100	990	5.3	581.2	581.2	581.2	0.0
F	119,465	88	976	5.3	581.6	581.6	582.0	0.4
G	120,136	59	368	14.1	582.3	582.3	582.4	0.1
H	120,532	108	609	7.6	594.7	594.7	594.7	0.0
I	121,282	620	2,921	1.6	596.0	596.0	596.0	0.0
J	121,730	137	598	7.7	596.0	596.0	596.0	0.0
K	122,063	200	566	8.1	600.7	600.7	600.7	0.0
L	122,649	230	1,269	3.6	609.0	609.0	609.0	0.0
M	123,246	300	1,539	3.0	609.0	609.0	609.6	0.6

[1]Stream distance in feet above State Highway 135

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN ANTONIO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	500	56	468	8.5	70.4	70.4	70.5	0.1
B	1,000	55	482	8.3	74.7	74.7	74.9	0.2
C	1,250	69	557	7.2	77.2	77.2	77.4	0.2
D	1,850	66	391	10.2	83.2	83.2	83.2	0.0
E	2,300	71	551	7.3	87.7	87.7	87.7	0.0
F	2,760	64	410	9.8	92.8	92.8	92.8	0.0
G	3,500	50	378	10.6	102.3	102.3	102.5	0.2
H	3,850	56	368	10.9	106.1	106.1	106.3	0.2
I	4,500	131	654	6.1	118.5	118.5	118.5	0.0
J	4,650	115	415	9.6	119.6	119.6	119.6	0.0
K	5,050	54	314	12.7	127.0	127.0	127.2	0.2
L	5,700	55	299	13.4	137.6	137.6	137.6	0.0
M	5,950	90	430	9.3	143.4	143.4	143.4	0.0
N	6,500	74	339	11.8	155.4	155.4	155.5	0.1
O	6,850	42	316	13.3	161.7	161.7	161.8	0.1
P	7,100	59	316	13.3	168.4	168.4	168.4	0.0

[1]Stream distance in feet above confluence with Maria Ygnacia Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN ANTONIO CREEK (TRIBUTARY TO MARIA YGNACIA CREEK)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,000[1]	106	758	6.6	11.9	10.6[3]	12.0	0.1
B	2,500[1]	116	455	11.0	15.3	15.3	15.6	0.3
C[4]	3,800[1]	125	546	9.2	19.7	19.7	20.7	1.0
D[4]	4,800[1]	121	505	9.9	28.0	28.0	28.2	0.2
E[4]	5,800[1]	40	250	14.3	34.2	34.2	34.2	0.0
F[4]	6,467[1]	770	2,246	2.3	39.9	39.9	39.9	0.0
G[4]	7,167[1]	109	499	10.8	40.9	40.9	40.9	0.0
H	8,147[1]	150	1,035	5.2	48.8	48.8	49.4	0.6
I	0[2]	82	758	7.1	56.2	56.2	57.2	1.0
J	1,256[2]	128	1,065	5.1	59.6	59.6	60.6	1.0
K	2,176[2]	50	354	15.3	61.6	61.6	61.6	0.0
L	3,180[2]	101	526	10.3	69.4	69.4	69.6	0.2
M	4,316[2]	59	431	12.5	76.2	76.2	76.2	0.0
N	4,980[2]	92	540	10.0	80.8	80.8	80.8	0.0
O	6,271[2]	85	554	7.6	89.5	89.5	89.5	0.0
P	7,256[2]	79	350	12.0	98.1	98.1	98.1	0.0
Q	8,293[2]	52	305	13.8	106.4	106.4	106.4	0.0

[1]Stream distance in feet above confluence with San Pedro Creek
[2]Stream distance in feet above U.S. Highway 101
[3]Elevation computed without consideration of backwater effects from San Pedro Creek
[4]Cross-section data based on LOMR 21-09-1693P reflected in NFHL, but not on FIRM panel. Flood Profile also updated

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN JOSE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	17,577	87	1,013	4.8	148.5	148.5	148.5	0.0
B	18,095	114	1,062	4.6	151.0	151.0	151.0	0.0
C	18,369	95	833	5.9	152.8	152.8	152.8	0.0
D	18,823	70	579	8.5	159.1	159.1	159.1	0.0
E	19,464	70	645	7.6	181.5	181.5	182.3	0.8
F	20,217	145	1,424	3.4	187.8	187.8	187.9	0.1
G	21,537	27	273	17.9	213.0	213.0	213.0	0.0
H	22,509	58	692	7.1	244.5	244.5	244.5	0.0
I	23,622	34	374	13.1	264.9	264.9	264.9	0.0
J	25,487	66	982	5.0	285.1	285.1	285.6	0.5

[1]Stream distance in feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN MIGUELITO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	634	80	*	*	11.1	11.1	11.7	0.6
B	1,003	80	*	*	12.7	12.7	13.1	0.4
C	1,637	200	*	*	13.6	13.6	14.2	0.6
D	2,323	700	*	*	14.0	14.0	14.8	0.8
E	2,926	*	*	*	14.4	14.4	*	*
F	3,437	*	*	*	14.5	14.5	*	*
G	4,081	*	*	*	15.4	15.4	*	*
H	4,578	*	*	*	18.0	18.0	*	*
I	4,910	775	*	*	18.4	18.4	19.4	1.0
J[2]	5,333	843	3,999	1.5	19.1	19.1	19.6	0.5
K[2]	6,399	690	2,362	1.5	19.5	19.5	19.9	0.4
L[2]	7,003	500	697	5.0	19.6	19.6	20.0	0.4
M[2]	7,414	142	378	9.3	23.0	23.0	23.0	0.0
N[2]	8,016	85	538	6.5	25.1	25.1	25.1	0.0
O[2]	8,473	46	445	7.9	31.8	31.8	31.8	0.0
P[2]	9,285	31	227	15.4	38.3	38.3	38.3	0.0
Q[2]	9,485	33	232	15.1	40.6	40.6	40.6	0.0
R[2]	9,943	61	294	11.9	44.4	44.4	44.4	0.0
S	10,480	50	*	*	50.1	50.1	50.1	0.0
T	10,877	50	*	*	53.4	53.4	53.4	0.0
U	11,510	60	*	*	58.3	58.3	58.3	0.0
V	12,091	70	*	*	64.2	64.2	64.2	0.0
W	12,710	80	*	*	76.7	76.7	76.7	0.0
X	12,989	90	*	*	78.5	78.5	78.5	0.0
Y	13,253	50	*	*	78.5	78.5	78.5	0.0

[1]Stream distance in feet above confluence with Atascadero Creek

[2]Cross-section data based on LOMR 21-09-0037 reflected in NFHL, but not on FIRM panel. Flood Profile also updated.

*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN PEDRO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	549	41	284	14.9	176.7	176.4[2]	176.4	0.0
B	1,077	148	1,092	2.1	190.4	190.4	190.4	0.0
C	2,089	40	250	14.3	205.0	205.0	205.0	0.0
D	2,919	59	340	10.5	219.6	219.6	219.7	0.1
E	3,544	37	280	12.8	231.1	231.1	231.3	0.2
F	4,633	120	378	9.5	251.5	251.5	251.5	0.0
G	5,666	205	524	6.8	277.1	277.1	277.2	0.1
H	6,542	57	281	12.7	296.8	296.8	296.8	0.0
I	7,700	66	295	12.1	335.1	335.1	335.1	0.0
J	8,868	84	321	11.1	381.3	381.3	381.3	0.0
K	10,558	53	288	12.4	459.1	459.1	459.2	0.1

[1]Stream distance in feet above confluence with Arroyo Burro Creek
[2]Elevation computed without consideration of backwater effects from Arroyo Burro Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN ROQUE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	288	357	829	2.6	15.0	15.0	15.3	0.3
B	744	446	246	10.8	22.5	22.5	22.5	0.0
C	1,386	419	693	3.7	31.0	31.0	31.3	0.3
D	2,052	548	639	4.2	42.0	42.0	42.2	0.2
E	2,712	288	386	4.0	56.0	56.0	56.2	0.2
F	3,313	37	202	16.4	69.0	69.0	69.3	0.2
G	3,798	248	384	5.7	82.0	82.0	82.1	0.3
H	4,228	109	429	14.8	97.0	97.0	97.1	0.1
I	4,638	49	265	15.1	111.0	111.0	111.0	0.1
J	5,226	49	276	13.5	129.4	129.4	129.4	0.0
K	5,620	37	251	14.9	142.9	142.9	142.9	0.0
L	6,410	55	281	12.8	173.5	173.5	173.5	0.0
M	6,806	44	259	13.9	189.9	189.9	189.9	0.0
N	8,223	35	240	15.0	244.8	244.8	244.8	0.0
O	8,741	45	262	13.7	274.5	274.5	274.5	0.0
P	9,444	50	272	13.2	306.7	306.7	306.7	0.0
Q	9,632	38	249	14.5	317.3	317.3	317.3	0.0
R	10,573	42	256	14.0	377.9	377.9	377.9	0.0
S	11,138	38	248	14.5	417.5	417.5	417.5	0.0
T	11,588	48	248	12.9	449.4	449.4	449.4	0.0
U	12,121	34	220	14.5	486.8	486.8	486.8	0.0
V	12,835	150	1185	2.7	551.1	551.1	551.1	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN YSIDRO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	466	167	174	3.1	33.0	33.0	33.0	0.0
B	994	117	111	5.2	45.0	45.0	45.1	0.1
C	1,435	334	272	2.3	55.5	55.5	55.6	0.1
D	1,900	245	196	2.5	70.0	70.0	70.0	0.0
E	2,279	220	200	2.8	82.0	82.0	82.0	0.0

[1]Stream distance in feet above confluence with Oak Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SAN YSIDRO WEST SPLIT

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A-I	*	*	*	*	*	*	*	*
J	29,050	7,800	27,166	4.3	54.1	54.1	55.0	0.9
K	30,466	5,600	22,526	5.2	57.0	57.0	57.3	0.3
L	31,474	5,200	33,636	3.5	58.2	58.2	59.2	1.0
M	32,525	5,050	18,725	6.3	59.6	59.6	59.8	0.2
N	33,581	5,000	45,795	2.6	61.4	61.4	62.1	0.7
O	34,478	4,040	34,647	3.4	61.5	61.5	62.2	0.7
P	35,429	4,750	22,163	5.3	61.7	61.7	62.4	0.7
Q	36,432	4,120	22,830	5.2	65.3	65.3	66.2	0.9
R	37,488	4,400	21,353	5.5	67.1	67.1	67.7	0.6
S	38,227	5,235	24,446	4.8	69.4	69.4	69.7	0.3
T	39,758	5,780	51,409	2.3	73.2	73.2	74.1	0.9
U	41,342	5,382	36,282	3.3	73.4	73.4	74.3	0.9
V	42,958	6,110	39,338	3.0	73.9	73.9	74.8	0.9
W	46,512	2,384	19,219	6.1	77.9	77.9	78.2	0.3
X	47,731	1,350	25,679	4.6	78.8	78.8	79.1	0.3
Y	49,368	1,136	15,681	7.5	79.2	79.2	79.4	0.2
Z	50,619	1,004	11,051	10.7	80.3	80.3	80.8	0.5
AA	51,110	936	10,719	11.0	81.3	81.3	81.9	0.6
AB	51,612	760	12,276	9.6	83.2	83.2	83.8	0.6
AC	52,219	755	10,688	11.0	83.8	83.8	84.3	0.5
AD	52,758	770	10,442	11.3	84.6	84.6	85.2	0.6
AE	53,698	600	11,407	10.3	90.2	90.2	90.2	0.0
AF	54,067	990	9,841	12.0	90.2	90.2	90.2	0.0
AG	55,229	1,610	21,094	5.6	92.8	92.8	93.5	0.7

*Data not available

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SANTA YNEZ RIVER (LOMPOC REACH)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AH	56,126	2,600	31,174	3.8	93.4	93.4	94.3	0.9
AI	56,918	2,600	32,646	3.6	93.8	93.8	94.7	0.9
AJ	59,136	1,600	20,477	5.8	95.0	95.0	95.9	0.9
AK	59,136	1,600	20,477	5.8	95.0	95.0	95.9	0.9
AL	60,086	1,510	17,510	6.7	96.4	96.4	97.4	1.0
AM	60,667	1,550	19,018	6.2	97.3	97.3	98.2	0.9
AN	61,195	1,785	18,866	6.3	98.0	98.0	98.9	0.9
AO	61,670	1,670	20,767	5.7	98.9	98.9	99.8	0.9
AP	62,304	1,330	17,495	6.7	99.5	99.5	100.4	0.9
AQ	62,726	1,515	16,877	7.0	99.8	99.8	100.7	0.9
AR	63,624	1,605	13,877	8.5	100.9	100.9	101.6	0.7
AS	64,700	1,420	14,131	8.4	103.4	103.4	104.4	1.0
AT	65,155	1,370	13,695	8.6	104.2	104.2	105.2	1.0
AU	65,630	1,165	9,063	13.0	106.1	106.1	106.5	0.4
AV	66,264	855	10,306	11.4	108.4	108.4	109.3	0.9
AW	66,739	385	6,533	18.1	108.8	108.8	109.7	0.9
AX	67,162	620	9,928	11.9	114.3	114.3	114.3	0.0
AY	67,954	680	12,296	9.6	118.9	118.9	119.8	0.9
AZ	68,904	530	11,733	10.1	119.9	119.9	120.8	0.9
BA	69,696	520	10,870	10.9	120.9	120.9	121.7	0.9
BB	70,858	390	12,358	9.5	124.4	124.4	124.6	0.2

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SANTA YNEZ RIVER (LOMPOC REACH)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	158,543	2,220	*	*	290.6	290.6	290.6	0.0
B	159,403	2,540	*	*	292.4	292.4	292.4	0.0
C	161,990	2,250	*	*	298.6	298.6	299.2	0.6
D	162,518	2,020	*	*	300.0	300.0	300.8	0.8
E	163,648	1,920	*	*	302.9	302.9	303.5	0.6
F	164,442	1,920	*	*	305.3	305.3	306.1	0.8
G	165,370	1,780	*	*	307.9	307.9	308.7	0.8
H	169,435	2,250	*	*	315.6	315.6	316.6	1.0
I	170,386	1,880	*	*	318.6	318.6	319.6	1.0
J	171,178	1,500	*	*	320.9	320.9	321.9	1.0
K	172,128	1,410	*	*	322.6	322.6	323.6	1.0
L	172,762	1,260	*	*	323.6	323.6	324.6	1.0
M	173,659	1,420	*	*	325.8	325.8	326.8	1.0
N	174,662	1,530	*	*	328.7	328.7	329.7	1.0
O	176,088	950	*	*	334.8	334.8	335.0	0.2
P	176,774	1,640	*	*	338.6	338.6	338.6	0.0
Q	177,408	2,560	*	*	339.4	339.4	340.1	0.7
R	177,936	2,800	*	*	340.1	340.1	340.8	0.7
S	178,939	3,070	*	*	342.0	342.0	342.8	0.8
T	179,942	2,950	*	*	342.3	342.3	343.3	1.0
U	180,998	2,450	*	*	344.2	344.2	345.2	1.0
V	181,902	2,050	*	*	347.6	347.6	348.6	1.0
W	182,794	1,450	*	*	351.4	351.4	352.4	1.0
X	183,955	1,620	*	*	356.3	356.3	357.3	1.0
Y	184,906	1,450	*	*	359.6	359.6	360.6	1.0
Z	186,014	1,620	*	*	363.4	363.4	364.4	1.0

*Data not available

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SANTA YNEZ RIVER (SOLVANG REACH)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AA	186,701	1,450	*	*	365.0	365.0	366.0	1.0
AB	188,074	1,410	*	*	369.6	369.6	370.6	1.0
AC	188,813	1,400	*	*	371.1	371.1	371.8	0.7
AD	190,502	990	*	*	376.6	376.6	376.6	0.0
AE	190,714	920	*	*	376.9	376.9	376.9	0.0
AF	191,347	860	*	*	381.9	381.9	381.9	0.0
AG	192,667	830	*	*	387.5	387.5	387.5	0.0
AH	193,142	790	*	*	390.1	390.1	390.1	0.0
AI	193,670	820	*	*	393.0	393.0	393.0	0.0
AJ	193,882	750	*	*	394.9	394.9	394.9	0.0
AK	195,043	950	*	*	397.5	397.5	397.6	0.1
AL	196,099	850	*	*	398.4	398.4	398.4	0.0
AM	196,671	1,750	*	*	400.4	400.4	400.6	0.2
AN	198,401	1,400	*	*	402.6	402.6	403.6	1.0
AO	199,478	1,450	*	*	406.4	406.4	407.4	1.0
AP	200,400	1,250	*	*	409.6	409.6	410.5	0.9
AQ	201,403	1,150	*	*	414.6	414.6	415.6	1.0
AR	202,435	1,050	*	*	420.2	420.2	421.2	1.0
AS	203,438	1,040	*	*	423.2	423.2	424.0	0.8
AT	206,395	950	*	*	433.5	433.5	434.5	1.0
AU	206,923	900	*	*	435.4	435.4	436.2	0.8
AV	207,398	840	*	*	436.4	436.4	437.2	0.8
AW	207,926	950	*	*	437.6	437.6	437.6	0.0
AX	208,982	1,240	*	*	440.8	440.8	440.8	0.0
AY	210,302	870	*	*	443.3	443.3	443.3	0.0
AZ	211,306	1,240	*	*	446.7	446.7	446.8	0.1

*Data not available

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SANTA YNEZ RIVER (SOLVANG REACH)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BA	213,312	1,590	*	*	454.8	454.8	455.0	0.2
BB	214,368	2,280	*	*	458.9	458.9	459.5	0.6
BC	215,371	2,220	*	*	462.5	462.5	463.2	0.7
BD	216,269	2,430	*	*	465.6	465.6	466.4	0.8
BE	217,401	2,600	*	*	469.7	469.7	470.5	0.8
BF	219,331	1,510	*	*	476.6	476.6	477.6	1.0
BG	220,334	1,420	*	*	480.3	480.3	481.3	1.0

*Data not available

[1]Stream distance in feet above confluence with the Pacific Ocean

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A[2]	2,632	40	55	5.4	34.6	34.6	35.1	0.5
B[2]	2,976	40	48	6.2	36.8	36.8	37.1	0.3

[1]Stream distance in feet above confluence with San Jose Creek
[2]Cross-section data based on LOMR 21-09-1693P reflected in NFHL, but not on FIRM panel. Flood Profile also updated.

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SHEETFLOW ALONG KELLOGG AVENUE

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	406	*	*	*	11.8	11.8	*	*
B	578	*	*	*	12.9	12.6[2]	*	*
C	828	157	640	3.2	16.1	16.1	16.2	0.1
D	978	203	813	2.5	16.1	16.1	16.4	0.3
E	1,380	383	1,655	1.3	16.2	16.2	16.6	0.4
F	2,028	232	782	4.1	18.7	18.7	18.9	0.2
G	2,163	232	492	6.6	18.7	18.7	19.1	0.4
H	2,243	215	539	6.0	19.1	19.1	20.1	1.0
I	2,760	117	424	5.6	25.5	25.5	29.5	0.2
J	2,839	134	419	5.7	26.1	26.1	27.1	1.0
K	3,067	163	612	5.2	28.8	28.8	29.5	0.7
L	3,348	188	797	4.1	31.6	31.6	32.5	0.9
M	3,602	74	474	6.8	32.2	32.2	32.9	0.7
N	4,144	44	335	9.7	37.0	37.0	37.1	0.1
O	4,496	58	639	5.1	40.6	40.6	40.8	0.2
P	4,959	57	335	9.7	43.0	43.0	43.1	0.1
Q	5,196	54	343	9.4	46.8	46.8	46.8	0.0
R	5,253	71	640	5.1	50.3	50.3	51.1	0.8
S	5,960	38	250	13.2	55.5	55.5	55.6	0.1
T	6,249	76	388	8.5	60.1	60.1	60.1	0.0
U	6,554	66	437	7.6	65.5	65.5	65.6	0.1
V	6,608	78	425	7.8	67.8	67.8	68.1	0.3
W	6,979	37	255	13.0	71.2	71.2	71.6	0.4
X	7,333	79	339	9.8	80.0	80.0	80.0	0.0
Y	7,978	44	345	9.6	96.0	96.0	96.0	0.0
Z	8,145	42	464	7.1	100.4	100.4	100.7	0.3

[1]Stream distance in feet above confluence with the Pacific Ocean
[2]Without backwater
* Flooding influenced by coastal flooding

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SYCAMORE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AA	8,673	53	288	11.5	108.6	108.6	108.7	0.1
AB	9,406	43	251	13.2	126.9	126.9	127.1	0.2
AC	9,794	58	469	7.0	142.9	142.9	143.8	0.9
AD	10,219	23	223	14.8	147.5	147.5	148.3	0.8
AE	10,484	36	269	12.3	155.1	155.1	155.9	0.8
AF	10,670	44	258	12.8	160.6	160.6	160.6	0.0
AG	10,745	46	382	8.7	163.2	163.2	163.2	0.0
AH	11,051	34	223	14.8	171.9	171.9	171.9	0.0
AI	11,510	33	227	14.6	190.0	190.0	190.2	0.2
AJ	12,054	28	226	7.5	211.1	211.1	211.4	0.3
AK	12,423	24	135	12.5	229.1	229.1	229.1	0.0
AL	12,794	37	153	11.0	244.7	244.7	244.7	0.0
AM	13,157	35	199	8.5	263.3	263.3	264.1	0.8
AN	13,740	31	139	12.1	296.6	296.6	296.7	0.1
AO	14,107	40	204	8.3	310.4	310.4	310.8	0.4
AP	14,376	33	173	9.8	326.0	326.0	326.9	0.9
AQ	14,569	23	194	7.4	335.2	335.2	336.1	0.9

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SYCAMORE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,761	116	624	6.9	43.0	43.0	43.0	0.0
B	3,170	66	497	8.7	48.2	48.2	48.2	0.0
C	3,490	64	477	9.0	54.6	54.6	54.6	0.0
D	4,008	78	773	5.6	65.8	65.8	65.9	0.1
E	4,488	72	344	12.5	69.9	69.9	69.9	0.0
F	4,884	80	596	7.2	79.3	79.3	79.3	0.0
G	5,600	89	655	6.6	90.5	90.5	90.5	0.0
H	6,019	78	638	6.7	96.4	96.4	96.4	0.0
I	6,653	131	1,017	4.2	103.6	103.6	103.6	0.0
J	7,329	66	503	8.5	112.7	112.7	113.0	0.3
K	7,851	85	841	5.1	119.9	119.9	119.9	0.0
L	8,820	70	618	7.0	137.2	137.2	137.2	0.0
M	9,678	138	717	6.0	159.3	159.3	160.1	0.8
N	10,153	104	857	5.0	165.6	165.6	165.7	0.1
O	10,581	167	679	6.3	170.8	170.8	171.0	0.2
P	11,450	68	625	6.8	185.9	185.9	186.3	0.4
Q	11,648	63	750	5.7	188.6	188.6	189.2	0.6
R	12,118	107	771	5.6	192.3	192.3	193.3	1.0
S	12,477	49	460	9.4	196.9	196.9	197.9	1.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TECOLOTE CANYON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	475	120	*	*	9.2	9.2	10.2	1.0
B	1,056	120	*	*	11.0	11.0	11.9	0.9
C	1,690	180	*	*	12.9	12.9	13.7	0.8
D	2,112	520	*	*	13.3	13.3	14.1	0.8
E	2,640	930	*	*	13.3	13.3	14.1	0.8
F	3,168	1,100	*	*	13.3	13.3	14.1	0.8
G	3,696	1,300	*	*	13.4	13.4	14.2	0.8
H	4,224	1,250	*	*	13.4	13.4	14.2	0.8
I	4,752	1,200	*	*	13.4	13.4	14.2	0.8
J	5,148	1,400	*	*	13.4	13.4	14.2	0.8
K	5,808	1,900	*	*	13.4	13.4	14.2	0.8
L	6,336	2,200	*	*	13.5	13.5	14.3	0.8
M	6,864	2,300	*	*	13.5	13.5	14.3	0.8
N	7,392	2,150	*	*	13.5	13.5	14.3	0.8
O	7,920	1,900	*	*	13.5	13.5	14.3	0.8
P	8,448	1,230	*	*	13.6	13.6	14.4	0.8
Q	8,976	1,020	*	*	13.6	13.6	14.4	0.8
R	9,504	1,600	*	*	13.6	13.6	14.4	0.8
S	10,032	1,900	*	*	13.7	13.7	14.5	0.8
T	10,560	1,900	*	*	13.7	13.7	14.7	1.0
U	11,088	1,400	*	*	13.9	13.9	14.7	0.8
V	12,144	58[2]	*	*	18.8	18.8	19.2	0.4
W	12,672	58[2]	*	*	21.3	21.3	22.0	0.7
X	13,240	57[2]	*	*	24.6	24.6	24.6	0.0

[1]Stream distance in feet above confluence with Atascadero Creek
[2]Equal to the width of the channel
*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TECOLOTITO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,920	43	242	8.8	64.0	64.0	64.0	0.0
B	2,313	41	197	9.7	74.0	74.0	74.0	0.0
C	2,779	45	195	8.4	84.0	84.0	84.0	0.0
D	3,175	71	429	5.7	97.0	97.0	97.0	0.0
E	3,292	66	269	6.2	98.0	98.0	98.0	0.0
F	3,689	45	254	7.4	109.0	109.0	109.0	0.0
G	4,536	122	215	6.1	136.0	136.0	136.1	0.1
H	4,623	77	263	6.3	139.0	139.0	139.1	0.1
I	4,977	33	194	10.4	149.0	149.0	149.1	0.1
J	5,288	37	184	9.8	159.0	159.0	159.1	0.1
K	5,510	41	177	11.4	169.0	169.0	169.1	0.1
L	5,653	37	183	10.2	182.0	182.0	182.1	0.1
M	5,740	44	264	7.7	186.0	186.0	186.0	0.0
N	6,103	39	199	9.6	196.0	196.0	196.0	0.0
O	6,240	41	161	11.3	206.0	206.0	206.0	0.0
P	6,408	38	213	11.1	216.0	216.0	216.0	0.0
Q	6,602	37	191	10.8	226.0	226.0	226.0	0.0
R	6,783	43	210	10.9	236.0	236.0	236.0	0.0
S	6,924	40	182	10.1	246.0	246.0	246.0	0.0
T	7,102	26	83	12.3	256.0	256.0	256.0	0.0
U	7,237	26	83	13.1	266.0	266.0	266.0	0.0
V	7,350	21	99	12.8	276.0	276.0	276.0	0.0
W	7,526	40	78	9.0	286.0	286.0	286.0	0.0
X	7,638	29	192	13.1	293.0	293.0	293.0	0.0
Y	7,696	35	88	7.3	303.0	303.0	303.0	0.0
Z	7,919	30	78	11.3	313.0	313.0	313.0	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TORO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AA	8,098	21	78	15.9	323.0	323.0	323.0	0.0
AB	8,277	22	74	13.4	333.0	333.0	333.0	0.0
AC	8,486	24	65	13.1	344.0	344.0	344.0	0.0
AD	8,556	24	106	12.0	352.0	352.0	352.0	0.0
AE	8,800	31	116	10.9	364.1	364.1	364.1	0.0
AF	9,050	22	104	12.2	383.8	383.8	383.8	0.0
AG	9,253	41	127	10.0	402.9	402.9	402.9	0.0
AH	9,776	24	107	11.9	433.7	433.7	433.7	0.0
AI	10,015	36	127	10.0	456.8	456.8	456.8	0.0
AJ	10,245	22	103	12.4	471.2	471.2	471.2	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TORO CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	317	37	193	4.6	532.4	527.5[2]	525.7	0.2
B	929	32/7*	117	5.0	534.4	533.4[2]	533.7	0.3
C	1,584	130	622	1.6	553.5	553.5	554.1	0.6
D	2,059	75	262	3.8	553.8	553.8	554.3	0.5
E	2,640	80	424	2.4	560.3	560.3	561.3	1.0
F	3,009	81	197	5.1	561.3	561.3	561.8	0.5
G	3,115	194	1306	0.8	571.6	571.6	572.6	1.0
H	3,590	21	87	11.5	572.0	572.0	572.0	0.0
I	3,907	25	91	11.0	580.1	580.1	580.1	0.0
J	4,158	185	825	1.2	586.8	586.8	587.8	1.0
K	4,218	40	166	6.0	586.9	586.9	587.6	0.7
L	4,646	24	90	11.1	590.5	590.5	590.5	0.0
M	4,699	88	140	7.2	593.2	593.2	593.4	0.2
N	4,752	28	187	5.3	593.9	593.9	594.2	0.3
O	5,280	35	109	9.2	596.5	596.5	596.5	0.0
P	5,544	60	258	3.9	598.1	598.1	599.0	0.9
Q	5,860	49	118	8.5	600.3	600.3	600.3	0.0
R	6,230	27	146	6.8	604.9	604.9	605.7	0.8
S	6,864	43	144	7.0	610.9	610.9	611.7	0.8
T	6,983	48	397	2.5	615.9	615.9	616.9	1.0
U	7,568	27	124	8.1	616.8	616.8	617.5	0.7
V	8,025	33	178	5.6	620.0	620.0	621.0	1.0
W	8,553	51	179	5.6	623.3	623.3	623.9	0.6
X	8,976	43	135	7.4	628.0	628.0	628.0	0.0
Y	9,609	34	158	6.3	633.5	633.5	633.9	0.4
Z	10,116	107	192	5.2	640.0	640.0	640.1	0.1

[1]Stream distance in feet above confluence with East Fork Zanja de Cota Creek
[2]Computed without consideration of backwater effects
*Located within Santa Ynez Tribe of Chumash Indians Native Lands – shown as Zone D

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WEST FORK ZANJA DE COTA CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	6,864	91	638	3.3	82.7	82.7	83.7	1.0
B	7,250	59	308	6.8	85.2	85.2	85.4	0.2
C	7,656	47	293	7.2	91.0	91.0	91.0	0.0
D	8,026	46	275	7.6	96.9	96.9	96.9	0.0

[1]Stream distance in feet above confluence with the Pacific Ocean

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WINCHESTER CANYON WASH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	7,285	169	635	6.3	376.7	376.7	377.2	0.5
B	7,460	146	562	7.2	377.2	377.2	378.1	0.9
C	8,033	136	1,062	3.8	383.0	383.0	383.2	0.2
D	8,736	257	1,472	2.7	384.1	384.1	384.4	0.3
E	10,136	209	724	5.6	387.5	387.5	388.4	0.9
F	10,472	94	604	6.7	394.3	394.3	394.8	0.5
G	11,934	63	573	7.1	404.4	404.4	404.7	0.3
H	13,586	61	684	5.9	419.1	419.1	420.0	0.9
I	14,608	54	529	7.6	426.5	426.5	427.4	0.9
J	16,336	88	799	4.6	442.4	442.4	443.2	0.8
K	17,286	83	514	7.2	448.2	448.2	449.0	0.8
L	17,886	67	581	6.3	454.5	454.5	455.3	0.8

[1]Stream distance in feet above confluence with Santa Ynez River (Solvang Reach)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ZACA CREEK

Non-encroachment areas may be delineated where it is not possible to delineate floodways because specific channel profiles with bridge and culvert geometry were not developed. Any non-encroachment determinations for this Flood Risk Project have been tabulated for selected cross sections and are shown in Table 24. The non-encroachment width indicates the measured distance left and right (looking downstream) from the mapped center of the stream to the non-encroachment boundary based on a surcharge of 1.0 foot or less.

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek		41	4,502	404.2	N/A	N/A
Rattlesnake Creek		133	4,502	407.3	N/A	N/A
Rattlesnake Creek		206	4,502	416.8	N/A	N/A
Rattlesnake Creek		258	4,502	423.8	N/A	N/A
Rattlesnake Creek		382	4,502	427.9	N/A	N/A
Rattlesnake Creek		492	4,502	434.2	N/A	N/A
Rattlesnake Creek		586	4,502	442.6	N/A	N/A
Rattlesnake Creek		666	4,502	446.5	N/A	N/A
Rattlesnake Creek		742	4,502	449.1	N/A	N/A
Rattlesnake Creek		912	4,502	452.0	N/A	N/A
Rattlesnake Creek		1,000	4,502	456.2	N/A	N/A
Rattlesnake Creek		1,182	4,502	464.9	N/A	N/A
Rattlesnake Creek		1,231	2,123	469.7	N/A	N/A
Rattlesnake Creek		1,353	2,123	469.1	N/A	N/A
Rattlesnake Creek		1,431	2,123	475.6	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek	F	1,500	2,123	481.0	N/A	N/A
Rattlesnake Creek		1,592	2,123	485.8	N/A	N/A
Rattlesnake Creek		1,669	2,123	487.4	N/A	N/A
Rattlesnake Creek		1,734	2,123	492.5	N/A	N/A
Rattlesnake Creek		1,848	2,123	498.3	N/A	N/A
Rattlesnake Creek	G	2,076	2,123	508.7	N/A	N/A
Rattlesnake Creek		2,163	2,123	511.9	N/A	N/A
Rattlesnake Creek		2,398	2,123	524.2	N/A	N/A
Rattlesnake Creek	H	2,478	2,123	526.6	N/A	N/A
Rattlesnake Creek		2,595	2,123	532.3	N/A	N/A
Rattlesnake Creek	I	2,882	2,102	546.5	N/A	N/A
Rattlesnake Creek		3,000	2,102	551.3	N/A	N/A
Rattlesnake Creek	J	3,206	2,102	562.0	N/A	N/A
Rattlesnake Creek		3,376	2,102	578.7	N/A	N/A
Rattlesnake Creek		3,490	2,102	584.6	N/A	N/A
Rattlesnake Creek	K	3,694	2,102	593.4	N/A	N/A
Rattlesnake Creek	L	3,720	2,102	595.5	N/A	N/A
Rattlesnake Creek		3,811	2,102	600.5	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek		3,893	2,102	604.0	N/A	N/A
Rattlesnake Creek	M	4,000	2,102	606.2	N/A	N/A
Rattlesnake Creek		4,110	2,102	616.1	N/A	N/A
Rattlesnake Creek	N	4,240	2,102	620.4	N/A	N/A
Rattlesnake Creek		4,339	2,102	623.7	N/A	N/A
Rattlesnake Creek		4,420	2,102	631.0	N/A	N/A
Rattlesnake Creek		4,508	2,102	633.7	N/A	N/A
Rattlesnake Creek	O	4,660	2,102	644.6	N/A	N/A
Rattlesnake Creek		4,787	2,102	652.3	N/A	N/A
Rattlesnake Creek		4,925	2,102	657.1	N/A	N/A
Rattlesnake Creek	P	5,122	2,102	665.4	N/A	N/A
Rattlesnake Creek	Q	5,151	2,102	671.6	N/A	N/A
Rattlesnake Creek		5,292	2,102	674.9	N/A	N/A
Rattlesnake Creek		5,390	2,102	680.0	N/A	N/A
Rattlesnake Creek	R	5,500	2,102	689.9	N/A	N/A
Rattlesnake Creek		5,594	2,102	700.7	N/A	N/A
Rattlesnake Creek		5,693	2,102	703.4	N/A	N/A
Rattlesnake Creek		5,859	2,102	714.4	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek	S	6,000	2,102	726.0	N/A	N/A
Rattlesnake Creek		6,117	2,102	731.4	N/A	N/A
Rattlesnake Creek		6,210	2,102	739.4	N/A	N/A
Rattlesnake Creek		6,290	2,102	743.7	N/A	N/A
Rattlesnake Creek		6,388	2,102	747.8	N/A	N/A
Rattlesnake Creek		6,433	2,102	749.4	N/A	N/A
Rattlesnake Creek	T	6,500	2,102	751.0	N/A	N/A
Rattlesnake Creek		6,581	2,102	752.4	N/A	N/A
Rattlesnake Creek		6,621	2,102	755.9	N/A	N/A
Rattlesnake Creek		6,644	2,102	760.1	N/A	N/A
Rattlesnake Creek		6,674	2,102	768.7	N/A	N/A
Rattlesnake Creek		6,709	2,102	776.9	N/A	N/A
Rattlesnake Creek		6,754	2,102	782.4	N/A	N/A
Rattlesnake Creek	U	6,804	2,102	784.0	N/A	N/A
Rattlesnake Creek		6,908	2,102	787.9	N/A	N/A
Rattlesnake Creek		7,000	2,102	791.4	N/A	N/A
Rattlesnake Creek		7,076	2,102	792.4	N/A	N/A
Rattlesnake Creek		7,130	2,102	792.2	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek		7,210	2,102	800.7	N/A	N/A
Rattlesnake Creek		7,279	2,102	804.7	N/A	N/A
Rattlesnake Creek	V	7,358	2,102	810.2	N/A	N/A
Rattlesnake Creek		7,428	2,102	817.7	N/A	N/A
Rattlesnake Creek		7,500	2,102	822.0	N/A	N/A
Rattlesnake Creek		7,677	2,102	827.1	N/A	N/A
Rattlesnake Creek	W	7,768	2,102	832.3	N/A	N/A
Rattlesnake Creek		7,899	2,102	840.3	N/A	N/A
Rattlesnake Creek		8,000	2,102	849.1	N/A	N/A
Rattlesnake Creek	X	8,114	2,102	862.9	N/A	N/A
Rattlesnake Creek		8,197	2,102	870.0	N/A	N/A
Rattlesnake Creek		8,230	2,102	873.5	N/A	N/A
Rattlesnake Creek		8,276	2,102	875.9	N/A	N/A
Rattlesnake Creek		8,320	2,102	877.6	N/A	N/A
Rattlesnake Creek		8,349	2,102	879.1	N/A	N/A
Rattlesnake Creek		8,395	2,102	881.5	N/A	N/A
Rattlesnake Creek	Y	8,435	2,102	881.8	N/A	N/A
Rattlesnake Creek	Z	8,493	2,102	893.2	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek		8,580	2,102	896.0	N/A	N/A
Rattlesnake Creek	AA	8,684	2,102	898.6	N/A	N/A
Rattlesnake Creek		8,778	2,102	900.8	N/A	N/A
Rattlesnake Creek		8,841	2,102	905.4	N/A	N/A
Rattlesnake Creek		8,916	2,102	909.7	N/A	N/A
Rattlesnake Creek		8,975	2,102	914.6	N/A	N/A
Rattlesnake Creek	AB	9,000	2,102	916.5	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		23	634	400.0	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		89	634	410.9	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		142	634	413.6	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1	A	189	634	417.1	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		284	634	423.1	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		365	634	427.2	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		442	634	430.0	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		500	634	431.2	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek Unnamed Tributary 1		650	634	436.1	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		715	634	439.5	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		762	634	440.2	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		894	634	442.9	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1		957	634	443.3	N/A	N/A
Rattlesnake Creek Unnamed Tributary 1	B	1,000	634	443.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		29	165	464.9	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		68	165	468.5	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		106	165	470.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2	A	176	165	474.7	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		237	165	480.1	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		282	165	483.3	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		326	165	485.9	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek Unnamed Tributary 2		375	165	488.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		404	165	489.9	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		441	165	491.7	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		478	165	494.1	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		537	165	497.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2		589	165	499.0	N/A	N/A
Rattlesnake Creek Unnamed Tributary 2	B	628	165	500.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		48	490	531.6	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		86	490	533.6	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		126	490	536.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		195	490	538.5	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		285	490	541.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		341	490	546.2	N/A	N/A

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station[1]	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Rattlesnake Creek Unnamed Tributary 3	A	392	490	549.5	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		453	490	552.9	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		478	490	553.9	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3		500	490	554.7	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3	B	657	490	572.4	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3	C	854	490	596.0	N/A	N/A
Rattlesnake Creek Unnamed Tributary 3	D	1,000	490	603.1	N/A	N/A

[1] Feet above mouth

6.4 Coastal Flood Hazard Mapping

Flood insurance zones and BFEs including the wave effects were identified on each transect based on the results from the onshore wave hazard analyses. Between transects, elevations were interpolated using topographic maps, land-use and land-cover data, and knowledge of coastal flood processes to determine the aerial extent of flooding. Sources for topographic data are shown in Table 22.

Zone VE is subdivided into elevation zones and BFEs are provided on the FIRM.

The limit of Zone VE shown on the FIRM is defined as the farthest inland extent of any of these criteria (determined for the 1-percent-annual-chance flood condition):

- The *primary frontal dune zone* is defined in 44 CFR Section 59.1 of the NFIP regulations. The primary frontal dune represents a continuous or nearly continuous mound or ridge of sand with relatively steep seaward and landward slopes that occur immediately landward and adjacent to the beach. The primary frontal dune zone is subject to erosion and overtopping from high tides and waves during major coastal storms. The inland limit of the primary frontal dune zone occurs at the point where there is a distinct change from a relatively steep slope to a relatively mild slope.

- The *wave runup zone* occurs where the (eroded) ground profile is 3.0 feet or more below the 2-percent wave runup elevation.

- The *wave overtopping splash zone* is the area landward of the crest of an overtopped barrier, in cases where the potential 2-percent wave runup exceeds the barrier crest elevation by 3.0 feet or more.

- The *breaking wave height zone* occurs where 3-foot or greater wave heights could occur (this is the area where the wave crest profile is 2.1 feet or more above the total stillwater elevation).

- The *high-velocity flow zone* is landward of the overtopping splash zone (or area on a sloping beach or other shore type), where the product of depth of flow times the flow velocity squared (hv^2) is greater than or equal to 200 ft^3/sec^2. This zone may only be used on the Pacific Coast.

The SFHA boundary indicates the limit of SFHAs shown on the FIRM as either “V” zones or “A” zones.

Table 25 indicates the coastal analyses used for floodplain mapping and the criteria used to determine the inland limit of the open-coast Zone VE and the SFHA boundary at each transect.

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis — Zone Designation and BFE (ft NAVD88)	Wave Height Analysis — Zone Designation and BFE (ft NAVD88)	Zone VE Limit	SFHA Boundary
1		VE 19, 24	N/A	Wave Overtopping Splash Zone	Overtopping
2		VE 25	N/A	Runup	Runup
3		VE 23	N/A	Runup	Runup
4		VE 18	N/A	Runup	Runup
5		VE 24	N/A	Runup	Runup
6		VE 19	N/A	Runup	Runup
7		VE 17	N/A	Runup	Runup
8		VE 17	N/A	Runup	Runup
9	✓	VE 17	N/A	PFD	Runup
10	✓	VE 22	N/A	PFD	Runup
11		VE 19	N/A	Wave Overtopping Splash Zone	Overtopping
12	✓	VE 21	N/A	PFD	PFD
13		VE 29	N/A	Runup	Runup
14		VE 31	N/A	Runup	Runup
15	✓	VE 21	N/A	PFD	PFD
16	✓	VE 17	N/A	PFD	PFD
17		VE 27	N/A	Runup	Runup
18		VE 23	N/A	Runup	Runup
19		VE 22	N/A	Runup	Runup
20		VE 28	N/A	Runup	Runup
21		VE 32	N/A	Runup	Runup
22		VE 16	N/A	Runup	Runup
23		VE 15	N/A	Runup	Runup
24		VE 17	N/A	Runup	Runup
25		VE 17	N/A	Runup	Runup
26		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis — Zone Designation and BFE (ft NAVD88)	Wave Height Analysis — Zone Designation and BFE (ft NAVD88)	Zone VE Limit	SFHA Boundary
27		VE 19	N/A	Runup	Runup
28		VE 22	N/A	Runup	Runup
29		VE 17	N/A	Runup	Runup
30		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
31		VE 18	N/A	Runup	Runup
32		VE 18	N/A	Runup	Runup
33		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping
34		VE 13, 22	N/A	Wave Overtopping Splash Zone	Overtopping
35		VE 21	N/A	Wave Overtopping Splash Zone	Runup
36		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
37		VE 14	N/A	Wave Overtopping Splash Zone	Overtopping
38		VE 17	N/A	Runup	Runup
39		VE 17	N/A	Runup	Runup
40		VE 16	N/A	Runup	Runup
41		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping
42		VE 15	N/A	Runup	Runup
43		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
44		VE 15	N/A	Runup	Runup

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis Zone Designation and BFE (ft NAVD88)	Wave Height Analysis Zone Designation and BFE (ft NAVD88)	Zone VE Limit	SFHA Boundary
45		VE 19	N/A	Wave Overtopping Splash Zone	Overtopping
46		VE 16	N/A	Runup	Runup
47		VE 15	N/A	Runup	Runup
48		VE 18	N/A	Runup	Runup
49		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
50		VE 19 AE14	N/A	Runup	Runup
51		VE 14	N/A	Runup	Runup
52		VE 18	N/A	Wave Overtopping Splash Zone	Runup
53		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
54		VE 16	N/A	Runup	Runup
55		VE 18	N/A	Runup	Runup
56		VE 14 AE10	N/A	Runup	Runup
57		VE 18	N/A	Runup	Runup
58		VE 14	N/A	Wave Overtopping Splash Zone	Overtopping
59		VE 14	N/A	Runup	Runup
60		VE 10	N/A	Runup	Runup
61		VE 9	N/A	Runup	Runup
62		VE 15	N/A	Runup	Runup
63		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis Zone Designation and BFE (ft NAVD88)	Wave Height Analysis Zone Designation and BFE (ft NAVD88)	Zone VE Limit	SFHA Boundary
64		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping
65		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping
66		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
67		VE 17	N/A	Runup	Runup
68		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
69		VE 14	N/A	Runup	Runup
70		VE 14	N/A	Runup	Runup
71		VE 15	N/A	Runup	Runup
72		VE 15	N/A	Runup	Runup
73		VE 18	N/A	Runup	Runup
74		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping
75		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
76		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
77		VE 14 AE 8	N/A	Runup	Overtopping
78		VE 11	N/A	Runup	
79		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping
80		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis Zone Designation and BFE (ft NAVD88)	Wave Height Analysis Zone Designation and BFE (ft NAVD88)	Zone VE Limit	SFHA Boundary
81		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
82		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
83		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping
84		VE 16	N/A	Runup	
85		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping
86		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping
87		VE 21	N/A	Wave Overtopping Splash Zone	Overtopping
88		VE 14	N/A	Wave Overtopping Splash Zone	Overtopping
89		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping
90		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
91		VE 15	N/A	Runup	Runup
92		VE 18	N/A	Runup	Runup
93		VE 15	N/A	Runup	Runup
94		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
95		VE 15	N/A	Runup	Runup
96		VE 13	N/A	Runup	Runup

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis — Zone Designation and BFE (ft NAVD88)	Wave Height Analysis — Zone Designation and BFE (ft NAVD88)	Zone VE Limit	SFHA Boundary
97		VE 15	N/A	Wave Overtopping Splash Zone	Runup
98		VE 14	N/A	Wave Overtopping Splash Zone	Overtopping
99		VE 19	N/A	Wave Overtopping Splash Zone	Overtopping
100		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
101		VE 19, 27	N/A	Wave Overtopping Splash Zone	Overtopping
102		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
103		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
104		VE 15	N/A	Wave Overtopping Splash Zone	Overtopping
105	✓	VE 15	N/A	PFD	PFD
106		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping
107		VE 16	N/A	Wave Overtopping Splash Zone	Overtopping
108		VE 24	N/A	Runup	Runup
109		VE 16	N/A	Runup	Runup
110		VE 18	N/A	Wave Overtopping Splash Zone	Overtopping

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
111		VE 17	N/A	Wave Overtopping Splash Zone	Overtopping

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 30, "Map Repositories").

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA. A LOMA cannot be issued for properties located on the PFD (primary frontal dune).

To obtain an application for a LOMA, visit www.fema.gov/flood-maps/change-your-flood-zone and download the form "MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill". Visit the "Flood Map-Related Fees" section to determine the cost, if any, of applying for a LOMA.

FEMA offers a tutorial on how to apply for a LOMA. The LOMA Tutorial Series can be accessed at www.fema.gov/flood-maps/tutorials.

For more information about how to apply for a LOMA, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627).

6.5.2 Letters of Map Revision Based on Fill

A LOMR-F is an official revision by letter to an effective NFIP map. A LOMR-F states FEMA's determination concerning whether a structure or parcel has been elevated on fill above the base flood elevation and is, therefore, excluded from the SFHA.

Information about obtaining an application for a LOMR-F can be obtained in the same manner as that for a LOMA, by visiting www.fema.gov/flood-maps/change-your-flood-zone for the "MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill" or by calling the FEMA Mapping and Insurance eXchange, toll free, at 1-877-FEMA MAP (1-877-336-2627). Fees for applying for a LOMR-F, if any, are listed in the "Flood Map-Related Fees" section.

A tutorial for LOMR-F is available at www.fema.gov/flood-maps/tutorials.

6.5.3 Letters of Map Revision

A LOMR is an official revision to the currently effective FEMA map. It is used to change flood zones, floodplain and floodway delineations, flood elevations and planimetric features. All requests for LOMRs should be made to FEMA through the chief executive officer of the community, since it is the community that must adopt any changes and revisions to the map. If the request for a LOMR is not submitted through the chief executive officer of the community, evidence must be submitted that the community has been notified of the request.

To obtain an application for a LOMR, visit www.fema.gov/flood-maps/change-your-flood-zone and download the form "MT-2 Application Forms and Instructions for Conditional Letters of Map Revision and Letters of Map Revision". Visit the "Flood Map-Related Fees" section to determine the cost of applying for a LOMR. For more information about how to apply for a LOMR, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627) to speak to a Map Specialist.

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Santa Barbara County FIRM are listed in Table 26. Please note that while this table only includes LOMCs that have been issued on the FIRM panels updated by this map revision, the FIS report includes all previously issued LOMRs prior to effective date.

Table 26: Incorporated Letters of Map Change

Case Number	Effective Date	Flooding Source	FIRM Panel(s)
13-09-2698P	08/22/2013	Alamo Pintado Creek	06083C1057H 06083C1076H
19-09-0178P	01/11/2019	Green Heron Spring	06083C1416J
20-09-0769P	07/20/2021	Mission Creek	06083C1387K 06083C1391K
21-09-1771P	08/01/2023	Sycamore Creek	06083C1391K

6.5.4 Physical Map Revisions

A Physical Map Revisions (PMR) is an official republication of a community's NFIP map to effect changes to base flood elevations, floodplain boundary delineations, regulatory floodways and planimetric features. These changes typically occur as a result of structural works or improvements, annexations resulting in additional flood hazard areas or correction to base flood elevations or SFHAs.

The community's chief executive officer must submit scientific and technical data to FEMA to support the request for a PMR. The data will be analyzed and the map will be revised if warranted. The community is provided with copies of the revised information and is afforded a review period. When the base flood elevations are changed, a 90-day appeal period is provided. A 6-month adoption period for formal approval of the revised map(s) is also provided.

For more information about the PMR process, please visit www.fema.gov and visit the Floods & Maps "Change Your Flood Zone Designation" section.

6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit www.fema.gov to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Santa Barbara County**.** Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBMs) 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 Santa Barbara County FIRMs in countywide format was 09/30/2005.

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)
Buellton, City of	12/20/1974	12/20/1974	N/A	03/15/1979	TBD 12/04/2012 09/30/2005 09/27/1985
Carpinteria, City of	06/21/1974	06/21/1974	09/26/1975	03/15/1977	TBD 09/28/2018 09/30/2005 09/18/1985 01/19/1982 07/07/1978
Goleta, City of	12/20/1974	12/20/1974	11/29/1977	03/15/1979	09/28/2018 12/04/2012 09/30/2005 06/02/2004 09/05/1990 09/27/1985
Guadalupe, City of	09/30/2005	05/17/1974	N/A	09/30/2005	09/30/2005
Lompoc, City of	01/23/1974	01/23/1974	02/04/1977	12/18/1984	12/4/2012 9/30/2005 6/5/1997 12/16/1988 12/15/1984
Santa Barbara, City of	06/14/1974	06/14/1974	N/A	12/15/1978	TBD 09/28/2018 11/04/2015 9/30/2005 12/03/1991
Santa Barbara, Unincorporated Areas	12/20/1974	12/20/1974	11/29/1977	03/15/1979	TBD 09/28/2018 11/04/2015 09/30/2005 06/02/2004 07/07/1999 6/5/1997 05/06/1996 06/03/1992 09/05/1990 09/27/1985
Santa Maria, City of	05/17/1974	05/15/1974	10/03/1975	06/01/1981	12/04/2012 09/30/2005 05/06/1996 07/15/1988

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)
Solvang, City of	12/20/1974	12/20/1974	11/29/1977	03/15/1974	TBD 12/04/2012 09/30/2005 09/27/1985

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 4 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV004E
Version Number 2.6.4.6

FEMA

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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

	Report			Completed	
Adobe Creek	8/8/8888	STARR II	70FBR922F00 00005	2021	Unincorporated Areas;
Adobe Creek Tributary	8/8/8888	STARR II	70FBR922F00 00005	2021	Unincorporated Areas;
Alamo Pintado Creek	09/1978	USACE, Los Angeles District	IAA-H-2-73,	1973	Unincorporated Areas;
Alisal Creek	8/8/8888	STARR II	70FBR922F00 00005	2021	Unincorporated Areas;
Arroyo Burro Creek	09/30/2005	Smith Engineering,	CTP Agreement	February 2005	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Arroyo Burro Overland Flow at Casiano Drive	09/30/2005	Smith Engineering,	CTP Agreement	February 2005	Santa Barbara, City of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Arroyo Burro Overland Flow at Palmero Drive	09/30/2005	Penfield & Smith Engineering, Inc.	CTP Agreement	February 2005	Santa Barbara, City of
Arroyo Paredon Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Arroyo Paredon Overflow 1	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Arroyo Paredon Overflow 2	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Arroyo Paredon Tributary	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Atascadero Creek	06/02/2004	Ensign & Buckley Consulting Engineers	EMW-90-C-4151	2000	Santa Barbara County, Unincorporated Areas
Bell Canyon Wash	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
Blosser Ditch	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Maria, City of
Bradley Canyon	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Bradley Detention Basin	05/06/1996	Penfield & Smith Engineering, Inc.	LOMR Case No. 95-09205P	November 1994	Santa Maria, City of
Bradley Ditch	05/06/1996	Penfield & Smith Engineering, Inc.	LOMR Case No. 95-09205P	November 1994	Santa Maria, City of
Branch Canyon Wash	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Buena Vista Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Buena Vista Creek East Branch	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Buena Vista Creek East Branch Tributary 1	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Buena Vista Creek East Branch Tributary 2	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Buena Vista Creek East Branch Tributary 3	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Buena Vista Creek West Branch	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Carneros Creek	12/1973	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Goleta, City of
Carpinteria Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Carpinteria, City of; Santa Barbara County, Unincorporated Areas
Carpinteria Creek Split Flow	8/8/8888	STARR II	70FBR922F00 00005	2023	Carpinteria, City of
Cat Canyon Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Maria, City of
Chelham Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Cieneguitas Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Cieneguitas Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara, City of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Cold Springs Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Coyote Creek	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Crawford Canyon Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Cuyama River	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Devereaux Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Goleta, City of; Santa Barbara County, Unincorporated Areas
Devereaux Creek Tributary 1	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Goleta, City of
Devereaux Creek Tributary 2	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Goleta, City of; Santa Barbara County, Unincorporated Areas
Devereaux Creek Tributary 3	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Goleta, City of; Santa Barbara County, Unincorporated Areas
East Branch Alamo Pintado Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
East Branch Toro Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
East Fork Maria Ygnacia Creek	06/02/2004	Ensign & Buckley Consulting Engineers	EMW-90-C-3133	2000	Santa Barbara County, Unincorporated Areas
East Fork Zanja de Cota Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
East Fork Zanja de Cota Creek	8/8/8888	STARR II	70FBR922F00 00005	2021	Santa Barbara County, Unincorporated Areas
East Tributary to East Branch Alamo Pintado Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
East-West Channel	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Lompoc, City of
Ellwood Canyon Wash	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Goleta, City of; Santa Barbara County, Unincorporated Areas
Franklin Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Carpinteria, City of
Foxen Canyon Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Freemont Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Garrapata Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Gobernador Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Gobernador Creek Overflow Area 1	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Gobernador Creek Overflow Area 1.1	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Hot Springs Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Hot Springs Creek Tributary	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
La Brea Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Laguna Blanca	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Laguna Channel	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Laguna Ponding Area	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Las Positas Creek	09/30/2005	Penfield & Smith Engineering, Inc.	CTP Agreement	February 2005	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Las Vegas Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Goleta, City of; Santa Barbara County, Unincorporated Areas
Maria Ygnacia Creek	06/02/2004	Ensign & Buckley Consulting Engineers	EMW-90-C-4151	July 2000	Goleta, City of; Santa Barbara County, Unincorporated Areas
Mission Creek	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Montecito Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Montecito Creek West Split	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Montecito Creek West Split 2	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Montecito Creek West Split 3	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Nojoqui Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Northridge Creek	09/30/2005	Penfield & Smith Engineering, Inc.	CTP Agreement	February 2005	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Oak Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Old San Jose Creek	09/05/1990	DMA Consulting Engineers, Inc.	EMW-86-C-2227	January 1988	Goleta, City of; Santa Barbara County, Unincorporated Areas
Orcutt Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
Orcutt Creek	07/07/1999	Penfield & Smith Engineering, Inc.	LOMR dated 7/9/1998	1998	Santa Barbara County, Unincorporated Areas
Ostrich Creek	8/8/8888	STARR II	70FBR922F00 00005	2021	Buellton, City of Santa Barbara County, Unincorporated Areas
Pacific Ocean	09/28/2018	BakerAECOM	HSFEHQ-09-D-0368, Task Order HSFE09-10-J-0002	July 2016	Carpinteria, City of; Goleta, City of; Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Picay Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Rattlesnake Creek	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Rattlesnake Creek Unnamed Tributary 1	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Rattlesnake Creek Unnamed Tributary 2	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Rattlesnake Creek Unnamed Tributary 3	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara County, Unincorporated Areas
Rincon Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Romero Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Salisbury Canyon Wash	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
San Antonio Creek	06/03/1992	USACE, Los Angeles District	EMW-89-E-2994 Project Order No. 8	June 1990	Santa Barbara County, Unincorporated Areas
San Antonio Creek (Tributary to Maria Ygnacia Creek)	06/02/2004	Ensign & Buckley Consulting Engineers	EMW-90-C-3133	2000	Santa Barbara County, Unincorporated Areas
San Jose Creek	09/05/1990	DMA Consulting Engineers, Inc.	EMW-86-C-2227	January 1988	Goleta, City of; Santa Barbara County, Unincorporated Areas
San Jose Creek	09/30/2005	Penfield & Smith Engineering, Inc.	CTP Agreement	February 2005	Goleta, City of; Santa Barbara County, Unincorporated Areas
San Miguelito Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
San Pedro Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Goleta, City of; Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
San Roque Creek	09/30/2005	Penfield & Smith Engineering, Inc.	CTP Agreement	February 2005	Santa Barbara County, Unincorporated Areas
San Ysidro Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
San Ysidro West Split	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Santa Maria River	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas; Santa Maria, City of
Santa Monica Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Carpinteria, City of; Santa Barbara County, Unincorporated Areas
Santa Rosa Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Santa Ynez River (Lompoc Reach)	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Lompoc, City of; Santa Barbara County, Unincorporated Areas
Santa Ynez River (Lompoc Reach)	06/05/1997	Penfield & Smith Engineering, Inc.	Work Order No. 10960.01	September 1995	Lompoc, City of
Santa Ynez River (Solvang Reach)	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Buellton, City of; Santa Barbara County, Unincorporated Areas; Solvang, City of
Sheetflow Along Kellogg Avenue	09/05/1990	DMA Consulting Engineers, Inc.	EMW-86-C-2227	January 1988	Goleta, City of
Sisquoc River	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Barbara County, Unincorporated Areas
Sycamore Creek	8/8/8888	STARR II	70FBR922F00 00005	2021	Carpinteria, City of; Santa Barbara County, Unincorporated Areas
Sycamore Creek	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Sycamore Creek Unnamed Tributary 1	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Sycamore Creek Unnamed Tributary 1-1	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Sycamore Creek Unnamed Tributary 1-2	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Sycamore Creek Unnamed Tributary 2	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Sycamore Creek Unnamed Tributary 3	11/04/2015	BakerAECOM, LLC	HSFEHQ-09-D-0368	February 2011	Santa Barbara, City of
Tecolote Canyon Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
Tecolotito Creek	12/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	December 1973	Goleta, City of; Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Tepusquet Creek	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	37257	Santa Barbara County, Unincorporated Areas
Thumbelina Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Buellton, City of; Santa Barbara County, Unincorporated Areas
Toro Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Unnamed Stream Zc-01	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Unnamed Stream Zc-02	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
Waller Skyway Channel	09/30/2005	Schaaf & Wheeler Consulting Civil Engineers	EMS-97-CO-0109	January 2002	Santa Maria, City of
West Branch Toro Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas

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

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
West Fork Zanja de Cota Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara County, Unincorporated Areas
West Fork Zanja de Cota Creek	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Santa Barbara County, Unincorporated Areas
Westmont Creek	8/8/8888	STARR II	70FBR922F00 00005	2023	Santa Barbara, City of; Santa Barbara County, Unincorporated Areas
Winchester Canyon Wash	09/1978	USACE, Los Angeles District	IAA-H-15-72, IAA-H-2-73, IAA-H-19-74	1973	Goleta, City of; Santa Barbara County, Unincorporated Areas
Zaca Creek	8/8/8888	STARR II	70FBR922F00 00005	2021	Buellton, City of; Santa Barbara County, Unincorporated Areas

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
Buellton, City of	TBD	10/11/2019	Other	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		8/25/2021	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, FEMA, Santa Barbara County, STARR II
		2/23/2022	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		11/21/2022	Flood Risk Review	Representatives of California Department of Water Resources, Carpinteria Sanitary District, Department of Transportation, FEMA, Santa Barbara County, Public Works Department, STARR II, Ventura County
Carpinteria, City of	TBD	10/11/2019	Other	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		8/25/2021	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, FEMA, Santa Barbara County, STARR II
		2/23/2022	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		11/21/2022	Flood Risk Review	Representatives of California Department of Water Resources, Carpinteria Sanitary District, Department of Transportation, FEMA, Santa Barbara County, Public Works Department, STARR II, Ventura County

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Goleta, City of	9/28/2018	4/5/2016	Initial CCO	Representatives of FEMA, BakerAECOM, CDWR, and community representatives for Santa Barbara County and the Cities of Carpinteria, Goleta, and Santa Barbara.
		1/31/2017	Final CCO	Representatives of FEMA, BakerAECOM, CDWR, and community representatives for Santa Barbara County and the Cities of Carpinteria, Goleta, and Santa Barbara.
Guadalupe, City of	9/30/2005	6/23/2004	Initial CCO	Representatives of FEMA, the community, and the study contractor.
		3/24/2005	Final CCO	Representatives of FEMA, the community, and the study contractor.
Lompoc, City of	9/30/2005	6/23/2004	Initial CCO	Representatives of FEMA, the community, and the study contractor.
		3/24/2005	Final CCO	Representatives of FEMA, the community, and the study contractor.
Santa Barbara, City of	TBD	10/11/2019	Other	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		8/25/2021	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, FEMA, Santa Barbara County, STARR II

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Santa Barbara, City of (continued)	TBD	2/23/2022	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		11/21/2022	Flood Risk Review	Representatives of California Department of Water Resources, Carpinteria Sanitary District, Department of Transportation, FEMA, Santa Barbara County, Public Works Department, STARR II, Ventura County
Santa Barbara County, Unincorporated Areas	TBD	10/11/2019	Other	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		8/25/2021	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, FEMA, Santa Barbara County, STARR II
		2/23/2022	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		11/21/2022	Flood Risk Review	Representatives of California Department of Water Resources, Carpinteria Sanitary District, Department of Transportation, FEMA, Santa Barbara County, Public Works Department, STARR II, Ventura County
Santa Maria, City of	9/30/2005	6/23/2004	Initial CCO	Representatives of FEMA, the community, and the study contractor.
		3/24/2005	Final CCO	Representatives of FEMA, the community, and the study contractor.

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Solvang, City of	TBD	10/11/2019	Other	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		8/25/2021	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, FEMA, Santa Barbara County, STARR II
		2/23/2022	Flood Risk Review	Representatives of California Department of Transportation, California DWR, City of Buellton, City of Carpinteria, FEMA, Santa Barbara County, Santa Ynez-Chumash, STARR II, Ventura County
		11/21/2022	Flood Risk Review	Representatives of California Department of Water Resources, Carpinteria Sanitary District, Department of Transportation, FEMA, Santa Barbara County, Public Works Department, STARR II, Ventura County

SECTION 8.0 – ADDITIONAL INFORMATION

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

The additional data that was used for this project includes the FIS Report and FIRM that were previously prepared for Santa Barbara County and Incorporated Areas (FEMA 2015).

Table 30 is a list of the locations where FIRMs for Santa Barbara 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
Buellton, City of	City Hall 107 West Highway 246	Buellton	CA	93427
Carpinteria, City of	City of Carpinteria Public Works Department 5775 Carpinteria Avenue	Carpinteria	CA	93013
Goleta, City of	City Hall Planning and Environmental Review Department 130 Cremona Drive, Suite B	Goleta	CA	93117
Guadalupe, City of	City Hall 918 Obispo Street	Guadalupe	CA	93434
Lompoc, City of	City of Lompoc Engineering Department 100 Civic Center Plaza	Lompoc	CA	93438
Santa Barbara, City of	City of Santa Barbara Community Development Department Building and Safety Division 630 Garden Street	Santa Barbara	CA	93101
Santa Barbara County	Naomi Schwartz County Office Building 130 East Victoria Street Suite 200	Santa Barbara	CA	93101
Santa Maria, City of	City of Santa Maria Public Works Department 110 South Pine Street, Suite 221 Suite 221	Santa Maria	CA	93458
Solvang, City of	City of Solvang Department of Public Works 411 Second Street	Solvang	CA	93463

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	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 IX	Federal Emergency Management Agency 1111 Broadway, Suite 1200 Oakland, CA 94607-4052 (510) 627-7006
Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Kelly Soule California Department of Water Resources 3464 El Camino Avenue, Suite 200 Sacramento, CA 95821 (916) 574-1409 kelly.soule@water.ca.gov
State GIS Coordinator	David Harris, Agency Information Coordinator California Resources Agency 1416 Ninth Street, Room 1311 Sacramento, CA 95814 Phone: (916) 445-5088 David.harris@resources.ca.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	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
19-09-0178P	Federal Emergency Management Agency	LOMR Study Area	NP	Washington, D.C.	1/11/2019	https://msc.fema.gov
20-09-0769P	Federal Emergency Management Agency	LOMR Study Area	NP	Washington, D.C.	7/20/2021	https://msc.fema.gov
21-09-1771P	Federal Emergency Management Agency	LOMR Study Area	NP	Washington, D.C.	8/1/2023	https://msc.fema.gov
Aerial Topographic Maps, 1987		*Topographic Maps, Rincon Creek near Rincon Point, Scale 1:4,800, Contour Interval 4 feet (Compiled from aerial photography dated February 26, 1987)*			2/26/1987	
CDPR 2014	California Department of Pesticide Regulation	California Public Land Survey System	California Department of Pesticide Regulation	Sacramento, CA	7/23/2014	https://www.cdpr.ca.gov/docs/emon/grndwtr/gis_shapefiles.htm
Coastal Study	Federal Emergency Management Agency	Santa Barbara, CA (Pacific Coast)	BakerAECOM	Washington, D.C.	7/28/2016	https://msc.fema.gov
EPPS, 1975	Edwards, Pittman, Penfield & Smith, Inc.	*Residential Tract Plans, Scale 1:1,200, Contour Interval 5 feet*			5/1/1975	
FEMA 2015	Federal Emergency Management Agency	*Flood Insurance Study, Santa Barbara County, California, and Incorporated Areas*			11/4/2015	https://msc.fema.gov

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2015a	Federal Emergency Management Agency	NFHL Data, Cross Sections	Federal Emergency Management Agency	Washington, D.C.	11/4/2015	https://msc.fema.gov
FEMA 2015b	Federal Emergency Management Agency	PMR revision	NP	Washington, D.C.	11/4/2015	https://msc.fema.gov
FEMA 2015c	Federal Emergency Management Agency	Flood Insurance Study	NP	Washington, D.C.	9/30/2005	https://msc.fema.gov
FEMA 2016	Federal Emergency Management Agency	Effective Political Area Military Reservation Boundary Data	Federal Emergency Management Agency	Washinton, D.C.	6/13/2016	https://msc.fema.gov
FEMA 2016a	Federal Emergency Management Agency	Effective NFHL Data	Federal Emergency Management Agency	Washinton, D.C.	6/13/2016	https://msc.fema.gov
FEMA 2018	Federal Emergency Management Agency	FIRM Panels	Federal Emergency Management Agency	Washinton, D.C.	9/28/2018	
FEMA 2021	Federal Emergency Management Agency	City of Buellton, Zaca Creek and Ballard Canyon Creek, Santa Barbara County, CA PMR	STARRII	Washinton, D.C.	8/8/8888	https://msc.fema.gov
FEMA 2022	Federal Emergency Management Agency	Montecito Flood Study, Santa Barbara County, CA PMR	STARRII	Washinton, D.C.	8/8/8888	https://msc.fema.gov

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2021	Federal Emergency Management Agency	City of Solvang, Adobe and Alisal Creeks, Santa Barbara County, CA PMR	STARRII	Washinton, D.C.	8/8/8888	https://msc.fema.gov
FEMA 2021	Federal Emergency Management Agency	City of Santa Barbara, Sycamore and Mission Creeks, Santa Barbara County, CA PMR	STARRII	Washinton, D.C.	8/8/8888	https://msc.fema.gov
FEMA 2021	Federal Emergency Management Agency	Zanja de Cota PMR	STARRII	Washinton, D.C.	8/8/8888	https://msc.fema.gov
FEMA 2022	Federal Emergency Management Agency	Santa Ynez Watershed BLE Study	STARRII	Washinton, D.C.	8/8/8888	https://msc.fema.gov
FLO-2D, 2010	FLO-2D Software, Inc.	*FLO-2D flood Routing Model Version 2009.06*			8/1/2010	
Flowers and Associates, 1978	Flowers and Associates	*Grading Plans for Tract 12359, Scale 1:480, contour Interval 1 foot*			1/1/1978	
KSN 2022	Federal Emergency Management Agency	Montecito Flood Study, Santa Barbara County, CA PMR	Kjeldsen, Sinnock, & Neudeck, Inc.	Washington, D.C.	8/31/2022	
Los Angeles Times, 1946	Los Angeles Times	*Article on storm*			4/2/1946	
Marine Weather.com, 1998	Marine Weather.com	*Daily Tide Current Predictions*			12/1/1998	Weather.com

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Mark Hurd Aerial Surveys, Inc. 1959	Mark Hurd Aerial Surveys, Inc.	*City of Lompoc Topographic Map, Scale 1:1,200, Contour Interval 2 feet*			1/1/1959	
McFarland Engineering Company, 1979	McFarland Engineering Company	*Grading Plan #LOM 265, 1:480*			9/1/1979	
McIntire & Quiros, Inc., 1962	McIntire & Quiros, Inc.	*Residential Tract Plans, Scale 1:480, Contour Interval 2 feet*			1/1/1962	
NAIP 2018	National Agriculture Imagery Program (NAIP)	Santa Barbara County, CA Aerial Imagery	USDA-FSA Aerial Photography Field Office	Salt Lake City, UT	4/22/2019	https://datagateway.nrcs.usda.gov
OWI, 2009	Oceanweather Inc.	*California Pacific Coastal Studies (Southern Coastal Counties): High Resolution Deep Water Wave Climate Forcing Development 1960 - 2009*	Oceanweath er Inc.		1/1/2009	
RiverFocus 2022	Federal Emergency Management Agency	Montecito Flood Study, Santa Barbara County, CA PMR	RiverFocus	Washington, D.C.	8/31/2022	
Santa Barbara County, 1964	Santa Barbara County Flood Control and Water Conservation District	*Topographic Maps, Goleta Valley, Scale 1:2,400, Contour Interval 2 feet*			10/21/1964	

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Santa Barbara County, 1971	Santa Barbara County, Road Engineering Department	*Topographic Maps, South Goleta Connector, Daley Street Extension, Scale 1:480, Contour Interval 1 foot*			1/25/1971	
SBCPWD 2010	Santa Barbara County, Public Works Department, Surveyor Division	County Boundary	Santa Barbara County, Public Works Department, Surveyor Division	Santa Barbara, CA	5/19/2010	
SBCPWD 2011	Santa Barbara County, Public Works Department, Surveyor Division	Santa Barbara County Islands	Santa Barbara County, Public Works Department, Surveyor Division	Santa Barbara, CA	8/22/2011	
SBFCWCD, 1991	Santa Barbara County Flood Control and Water Conservation District	*Goleta Valley – Topographic Map, Scale 1"=200', Contour Interval 5 Feet*			10/1/1991	
SBFCWCD, 1970	Santa Barbara County Flood Control and Water Conservation District	*Topographic Maps, Los Alamos and Vicinity, Scale 1:1,200, Contour Interval 2 feet*			1/1/1970	

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
SBCPWD 2019	Santa Barbara County, Public Works Department, Surveyor Division	City Boundaries	Santa Barbara County, Public Works Department, Surveyor Division	Santa Barbara, CA	1/5/2019	
SBCSO 2019	Santa Barbara County Sheriff's Office	Santa Barbara County Dispatch Street Centerlines	Santa Barbara County Sheriff's Office	Santa Barbara, CA	4/2/2019	
SIO, 2014	Scripps Institute of Oceanography	*California Open Pacific Coast: Southern California Shallow Water Wave Climates SHELF Model Hindcast. California Coastal Analysis and Mapping Project: Open Pacific Coast Phase II*	SIO		1/1/2014	
State of California Resources Agency, 1968	State of California Resources Agency, Department of Conservation, Division of Soil conservation	*Carpinteria Valley Watershed, Santa Barbara County, California (Hydrologic and Geological Appendix and Engineering Design Appendix)*		Sacramento, California	8/1/1968	
STARRII, 2020	Federal Emergency Management Agency	Survey for Buellton, Montecito, Solvang, and Zanja de Cota PMRs	STARR II	Washington D.C.	11/17/2020	
Sophani Engineering Company, 1977	Sophani Engineering Company	*Grading Plan #LOM 223, 1:600*			6/1/1977	

Table 32: Bibliography and References

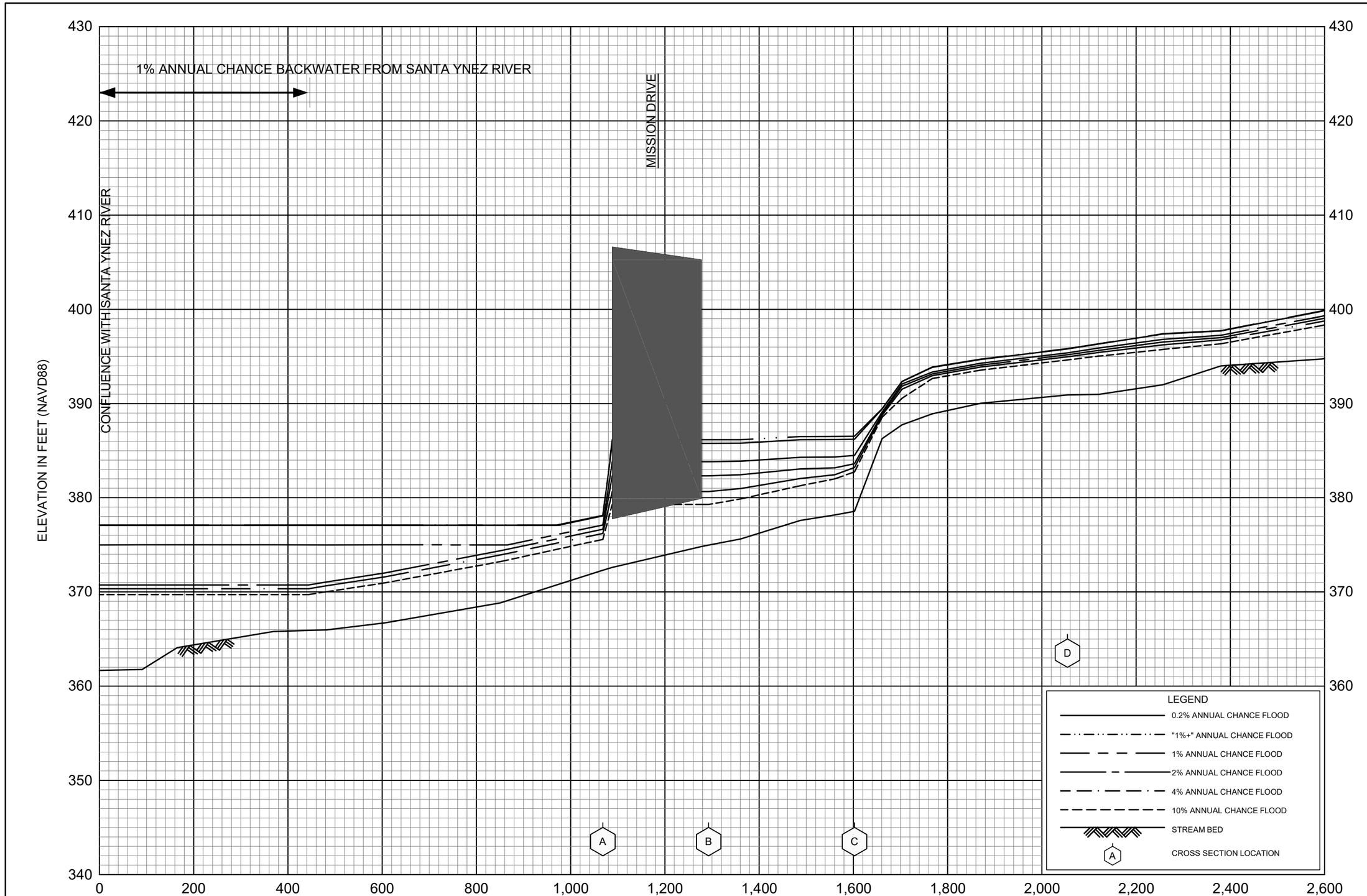
Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Steve Howe, 1978	*California Tomorrow Environmental Intern Program*, California Coastal Commission	*Wave Damage Along the California Coast, Winter 1977-1978*	Steve Howe		12/11/1978	
USACE, 1974	U.S. Army Corps of Engineers, Los Angeles District	*Floodplain Information, Montecito Streams. Vicinity of Montecito, Santa Barbara County, California*			6/1/1974	
USACE, 1978	U.S. Army Corps of Engineers	*Topographic Maps, New Cuyama, California. Scale 1:1,200, Contour Interval 2 feet*			9/30/1978	
USACE, 2005	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-HMS Flood Hydrograph Package v3.4*		Davis, California	12/1/2005	
USACE, 2010	U.S. Army Corps of Engineers, Hydrologic Engineering Center	*HEC-RAS River analysis System, Version 4.1*		Davis, California	1/1/2010	
USCB, 2022	U.S. Census Bureau	TIGER/Line Shapefile, Current, County, Santa Barbara County, CA, All Roads	U.S. Census Bureau	Washinton, D.C.	8/1/2022	https://www.geoplatform.gov/metadata/d11a96d7-2db1-5732-9130-529926eae1fa
USDA 2019	USDA Forest Service	Administrative Forest Boundaries	USDA Forest Service	Salt Lake City, UT	10/28/2019	https://data.fs.usda.gov/geodata/edw/datasets.php

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
U.S. Department of Agriculture, 1964	U.S. Department of Agriculture, Soil Conservation Service	*SCS National Engineering Handbook*			8/1/1964	
U.S. Department of Commerce, 1993	U.S. Department of Commerce, National Oceanic and Atmospheric Administration	*Tide Tables-West Coast of North and South America Report*			1/1/1993	
U.S. Department of Housing and Urban Development, 1978	U.S. Department of Housing and Urban Development, Federal Insurance Administration	*Flood Insurance Study, Santa Barbara County, California (Unincorporated Areas)*			9/25/1978	
U.S. Department of Housing and Urban Development, 1985	U.S. Department of Housing and Urban Development, Federal Insurance Administration	*Flood Insurance Rate Map, Santa Barbara County, California (Unincorporated Areas). Scale 1:12,000*			9/27/1985	
U.S. Department of the Interior, 1964, et cetra	U.S. Department of the Interior, Geological Survey	*7.5-Minute Series Topographic Maps, Scale 1:24,000*			1/1/1964	

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
U.S. Department of the Interior, 1959	U.S. Department of the Interior, Geological Survey	*7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Intervals 10 and 40 feet*		Lompoc, California	1/1/1959	
USGS, 2009-2011	U.S. Department of the Interior, Geological Survey	*LiDAR OPC/USGS 2009-2011 and BATH NOAA*			2009-2011	
USGS 2019	U.S. Geological Survey, National Geospatial Program	California NHD: Streamlines, Water Areas and HUC8 Boundaries	U.S. Geological Survey, National Geospatial Program	Reston, VA	10/18/2019	http://prd-tnm.s3-website-us-west-2.amazonaws.com/?prefix=StagedProducts/Hydrography/NHD/State/HighResolution/
USGS, 2020	U.S. Geological Survey	USGS National Map: Orthoimagery	U.S. Geological Survey		10/1/2020	



FLOOD PROFILES

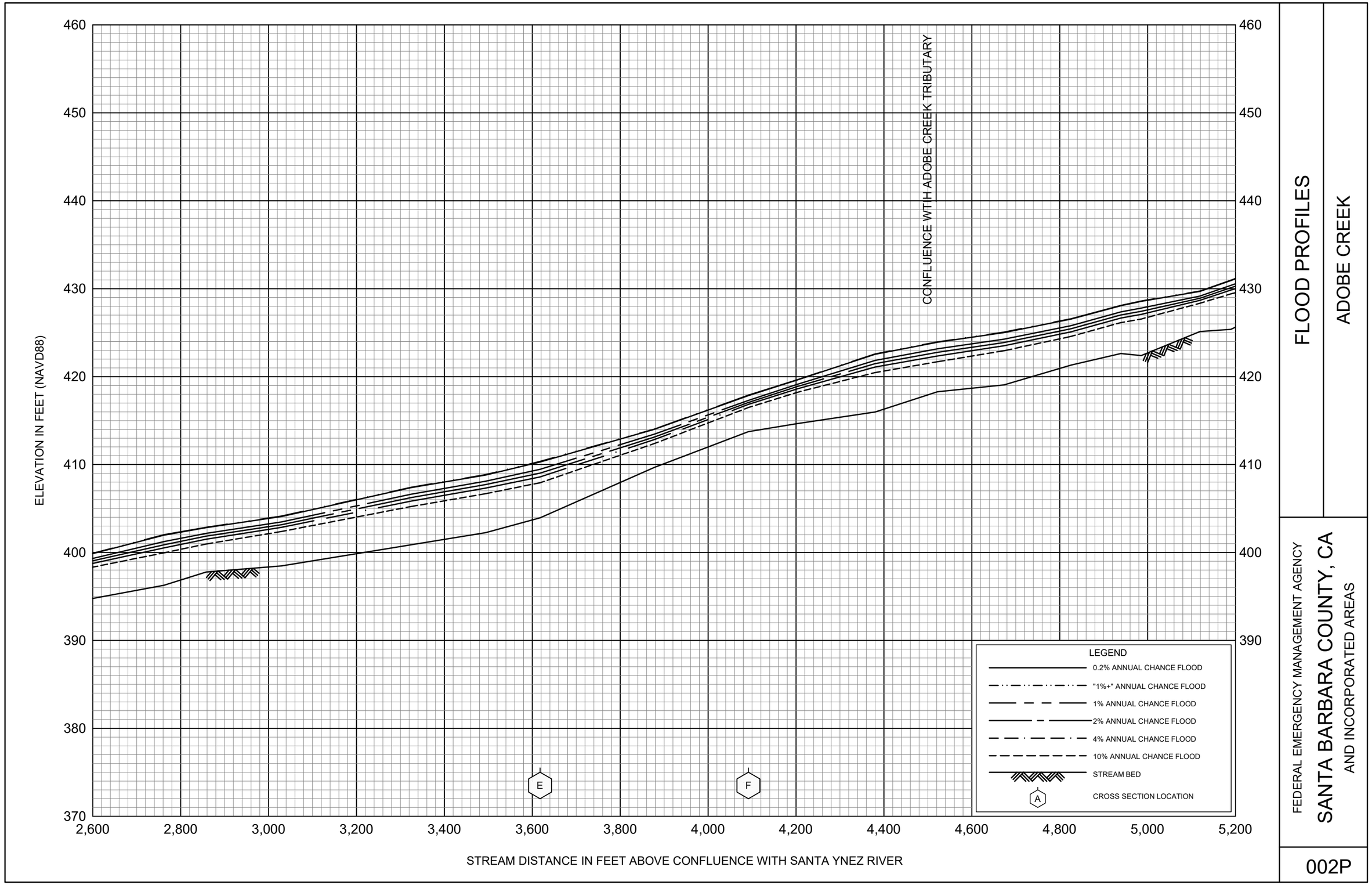
ADOBE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

CITY OF SOLVANG

001P



FLOOD PROFILES

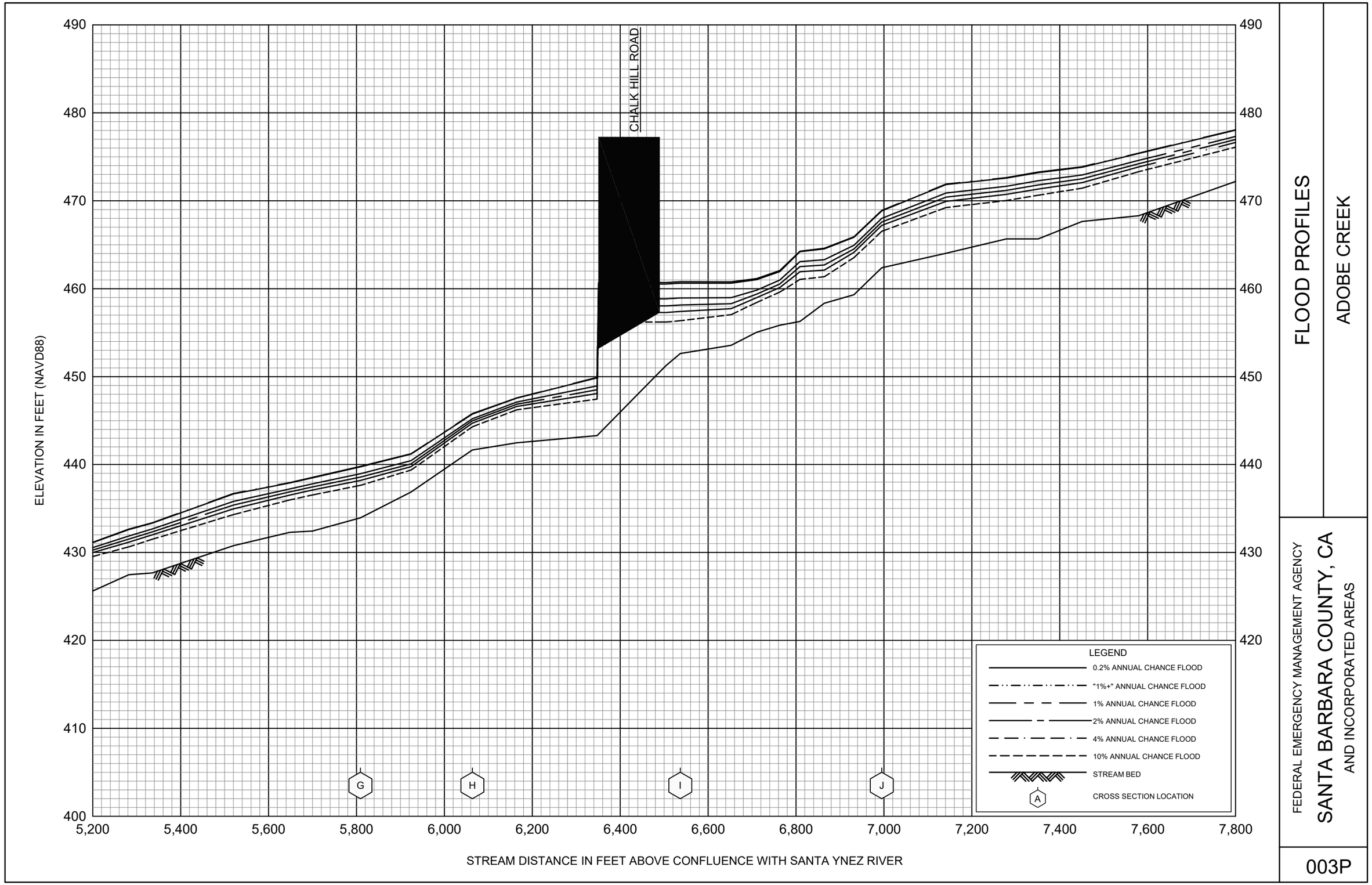
ADOBE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

002P



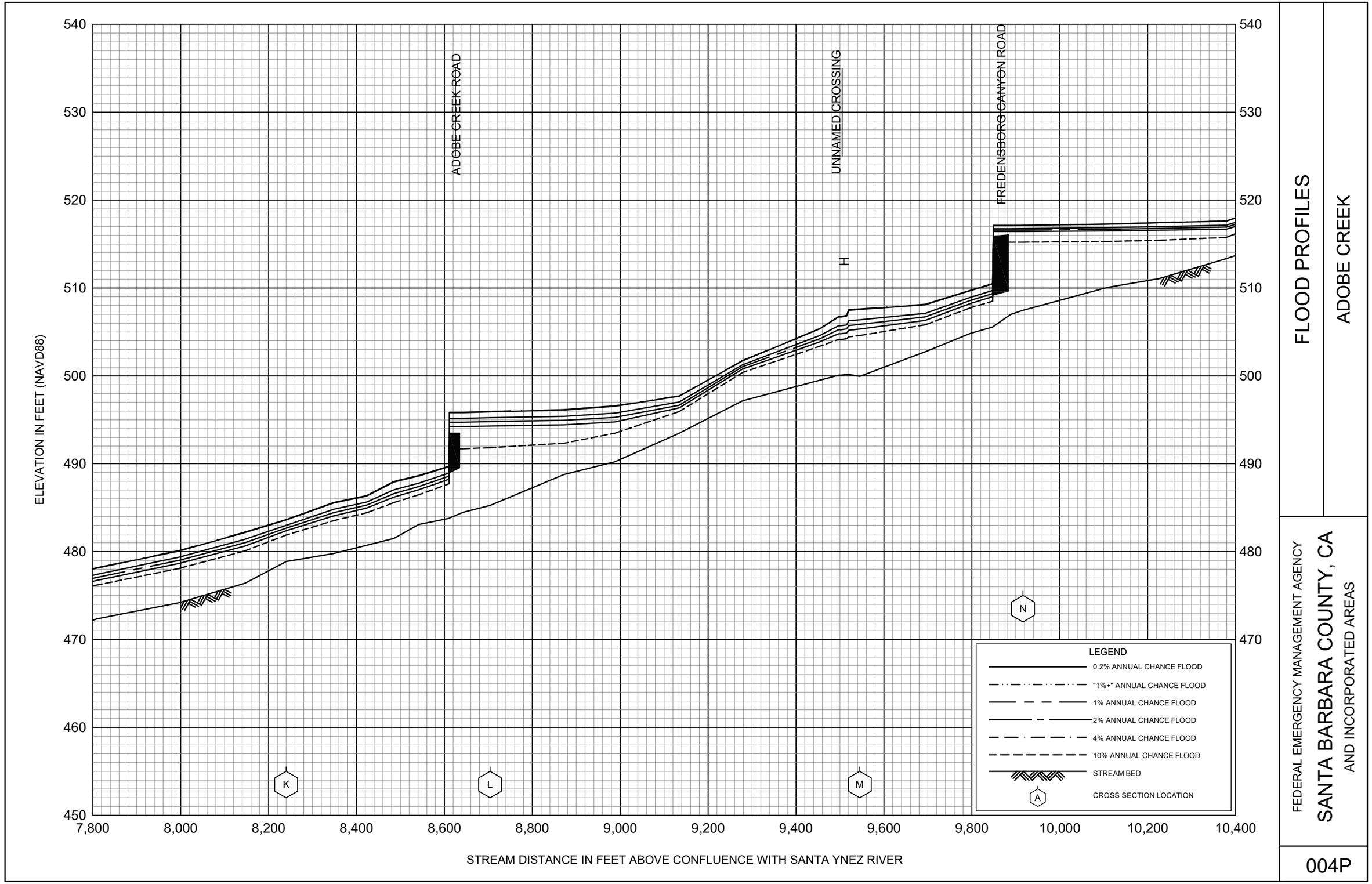
FLOOD PROFILES

ADOBE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

003P



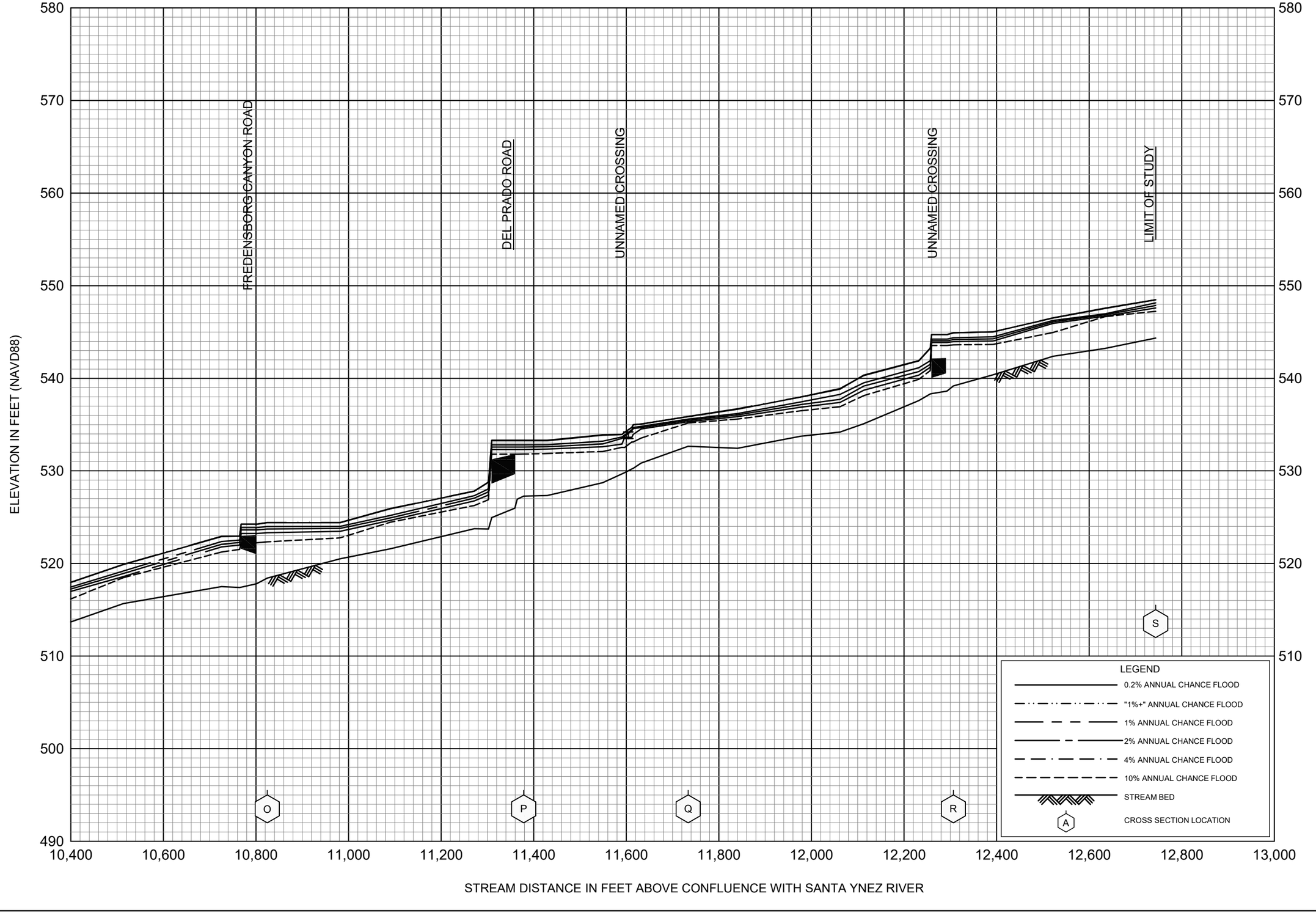
FLOOD PROFILES

ADOBE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

004P



FLOOD PROFILES

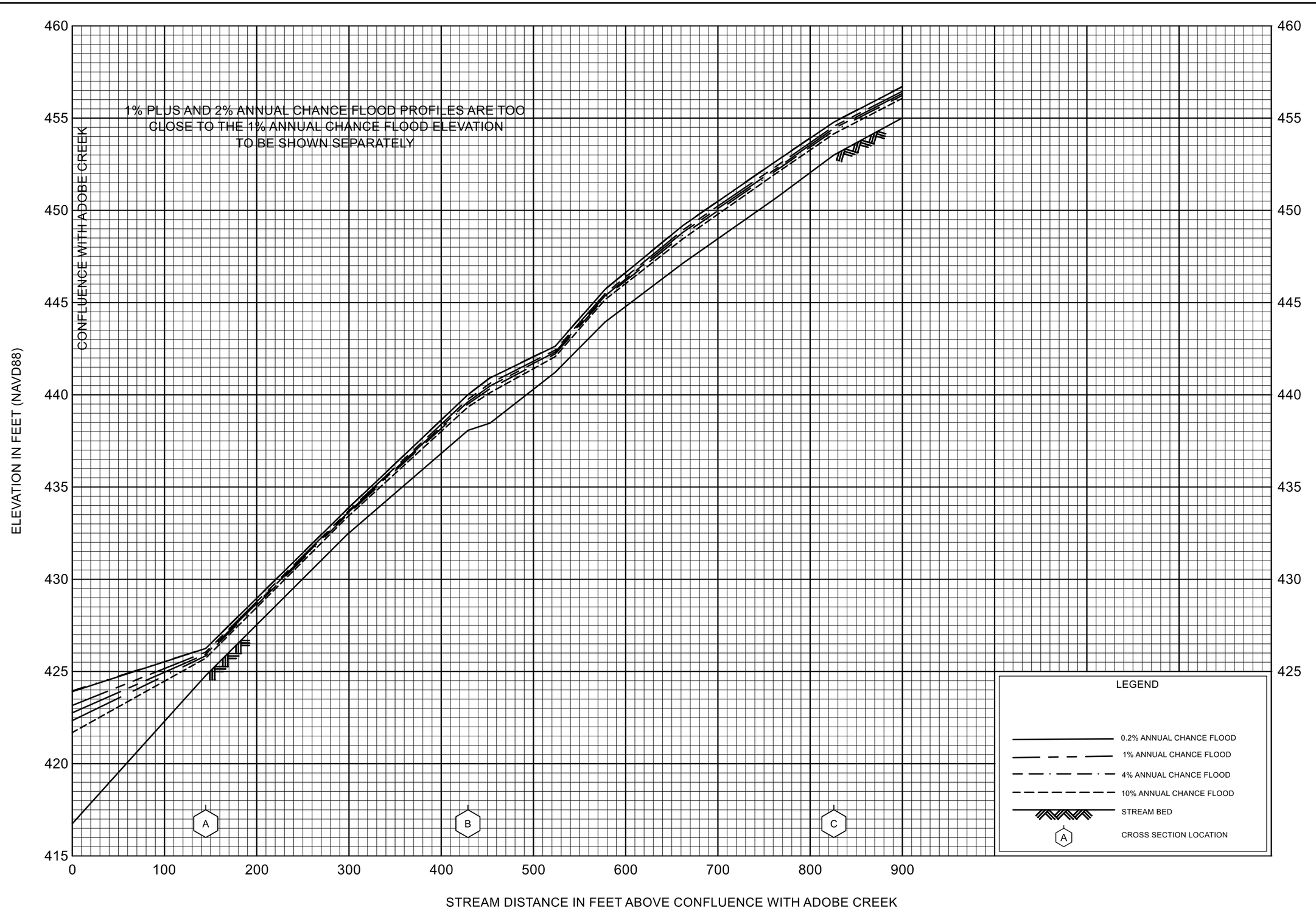
ADOBE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

005P



FLOOD PROFILES

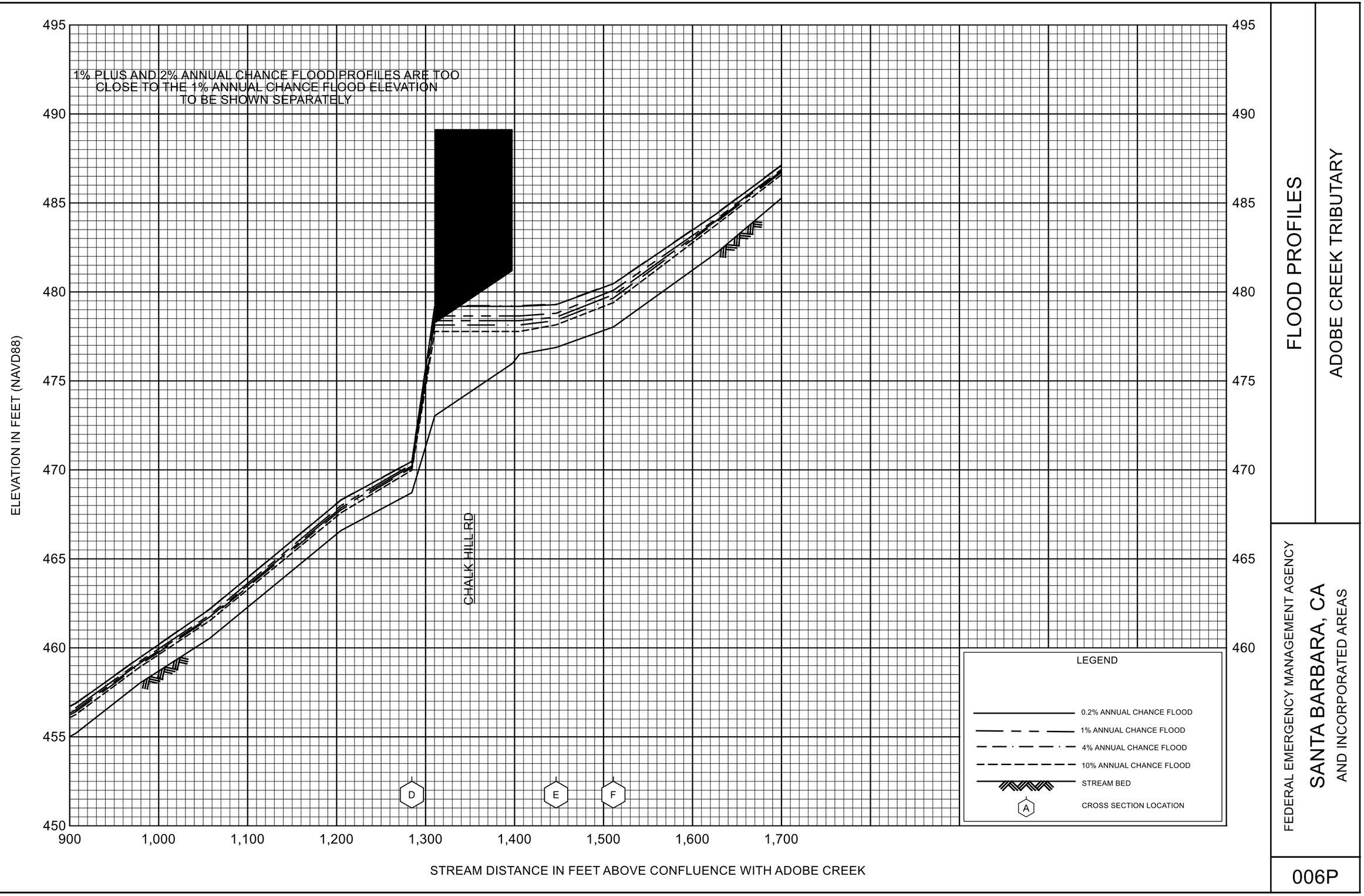
ADOBE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

006P



FLOOD PROFILES

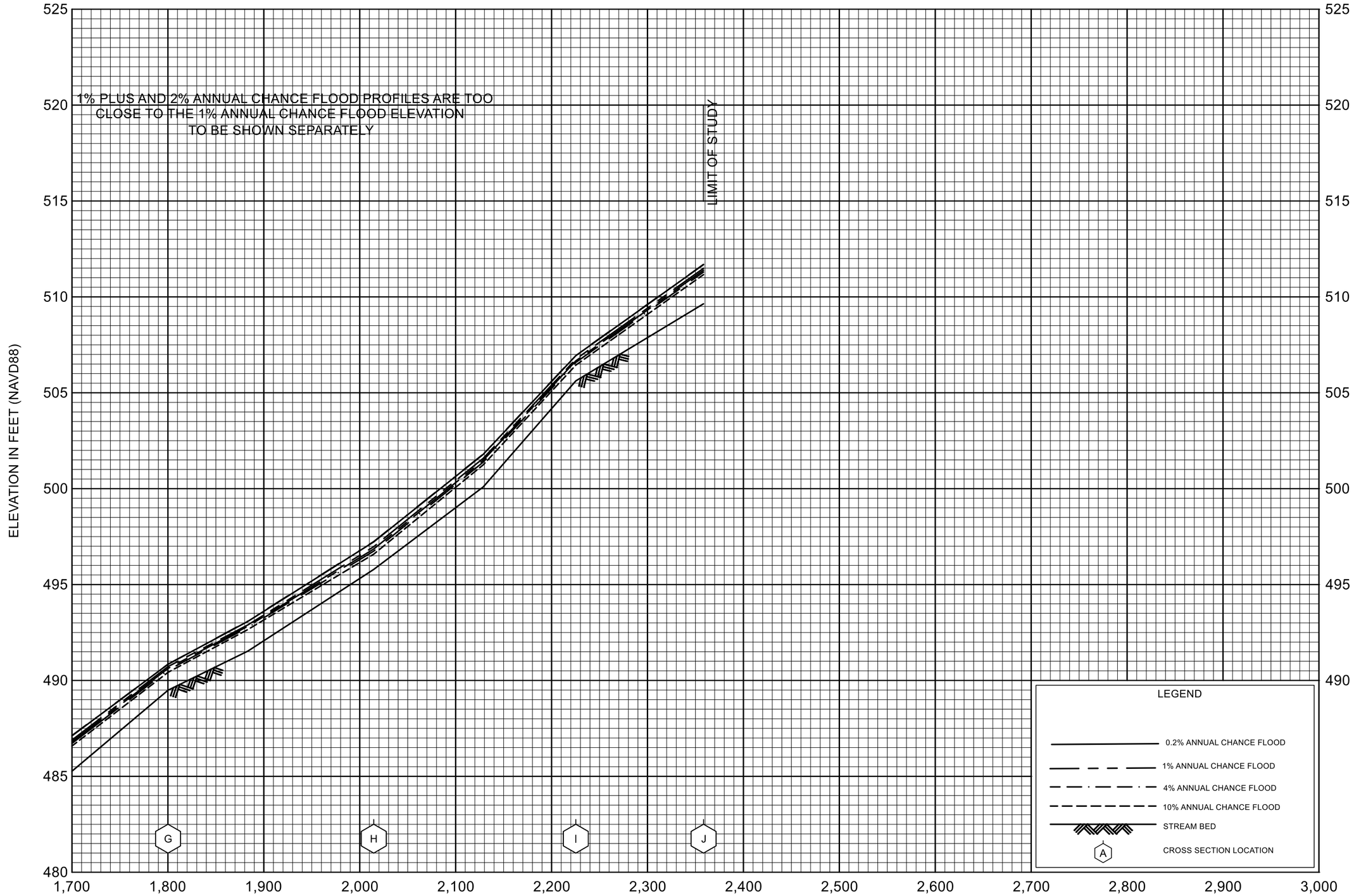
ADOBE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

006P



FLOOD PROFILES

ADOBE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

006P

ELEVATION IN FEET (NAVD 88)

470
460
450
440
430
420
410
400
390
380

1300 1500 1700 1900 2100 2300 2500 2700 2900 3100 3300 3500 3700 3900

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SANTA YNEZ RIVER

ELEVATIONS DOWNSTREAM OF THIS POINT CONTROLLED BY SANTA YNEZ RIVER

A B C D

LEGEND

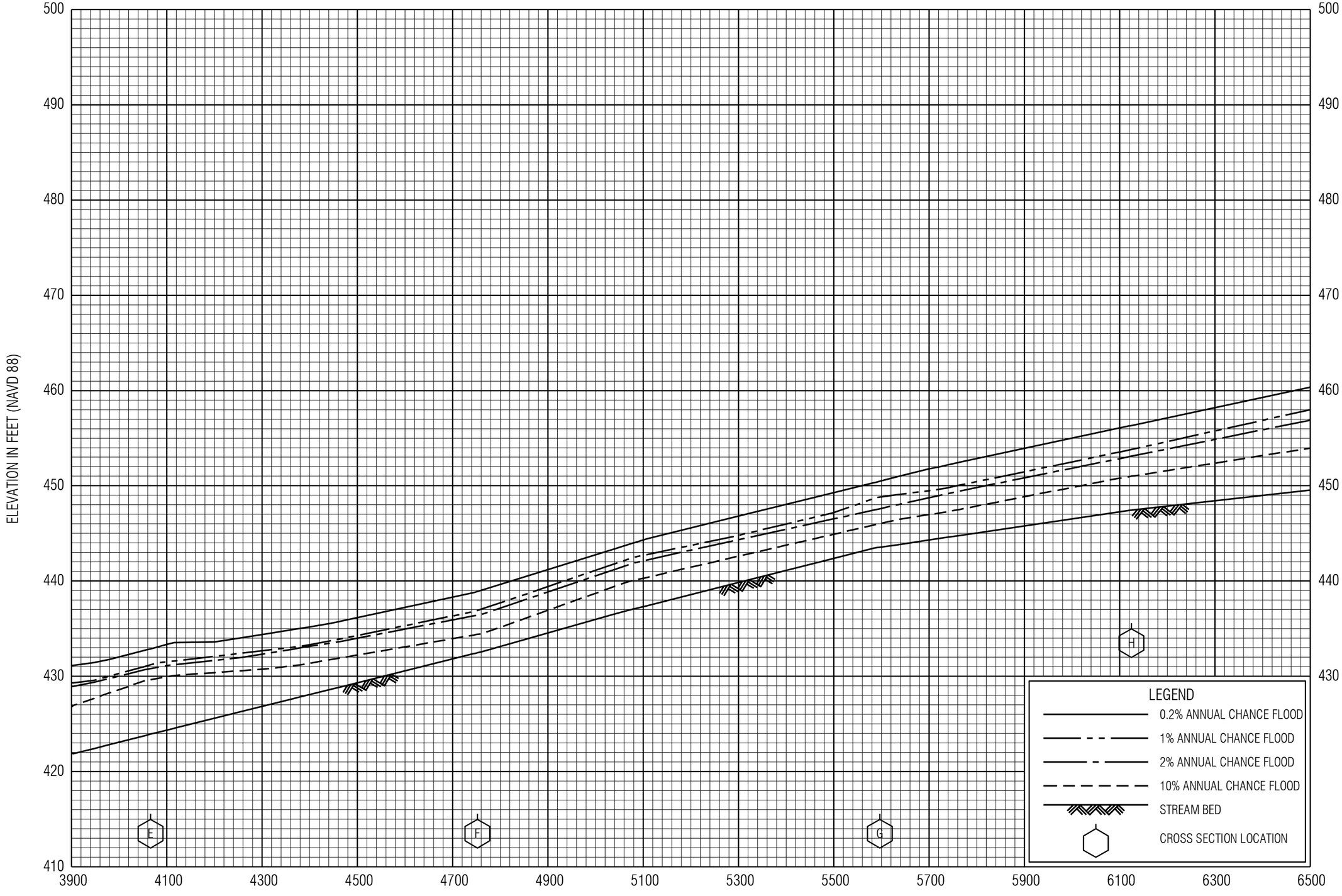
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

009P



FLOOD PROFILES

ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

010P

FLOOD PROFILES

ALAMO PINTADO CREEK

ELEVATION IN FEET (NAVD 88)

520
510
500
490
480
470
460
450
440
430

STATE HIGHWAY 246

CONFLUENCE WITH EAST BRANCH ALAMO PINTADO CREEK

J

I

6500 6700 6900 7100 7300 7500 7700 7900 8100 8300 8500 8700 8900 9100

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SANTA YNEZ RIVER

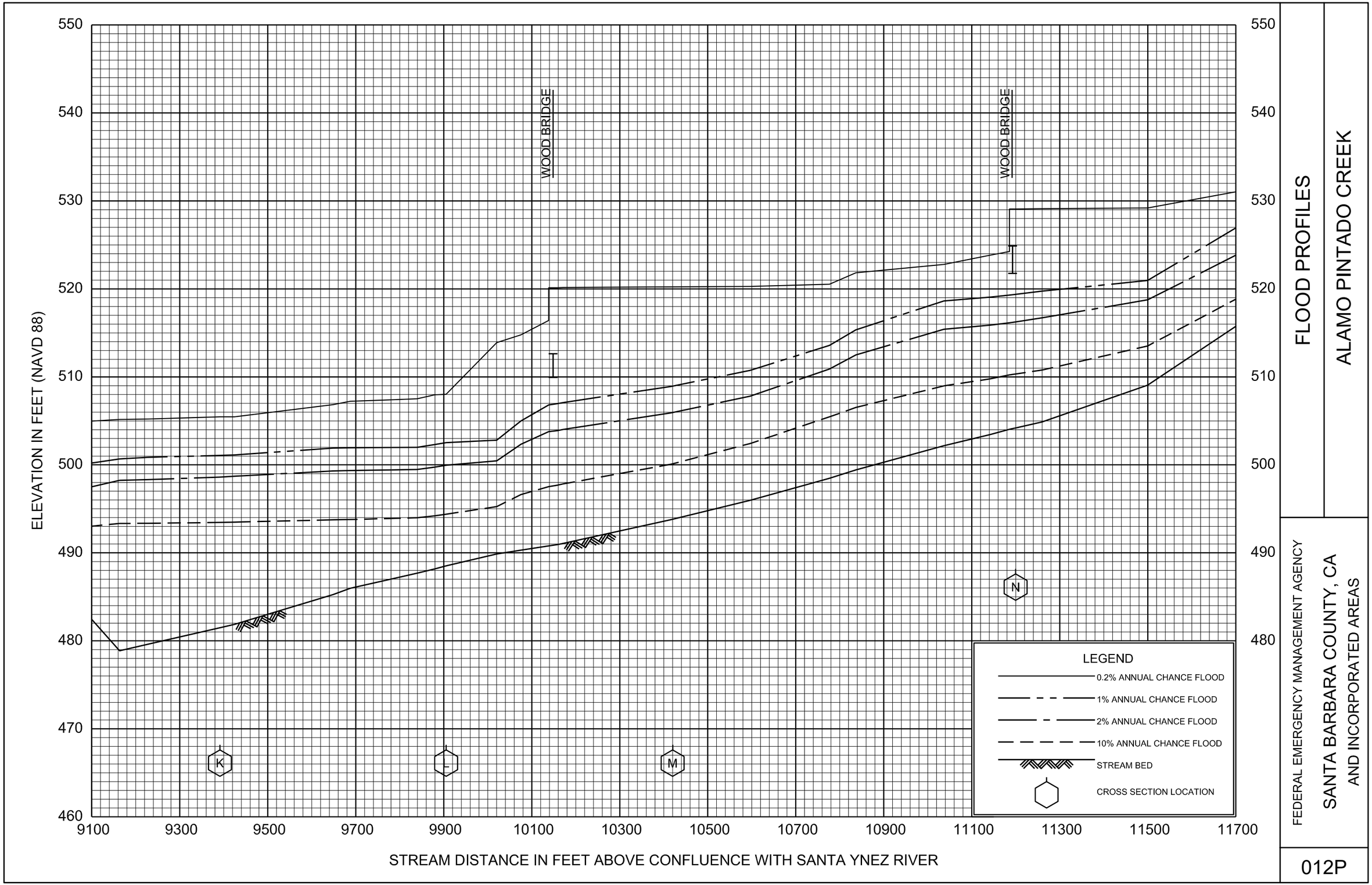
LEGEND

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

011P



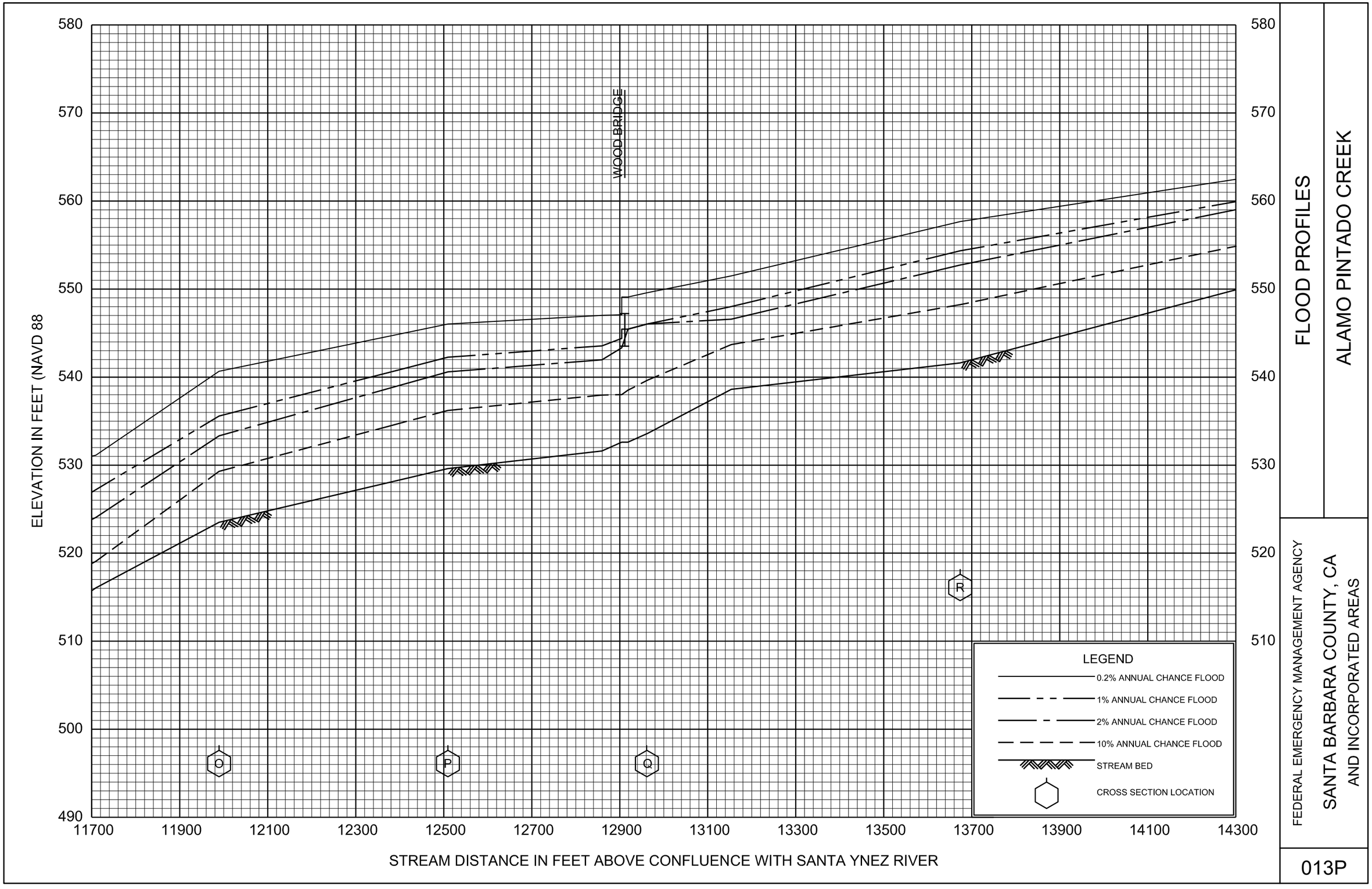
FLOOD PROFILES

ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

012P



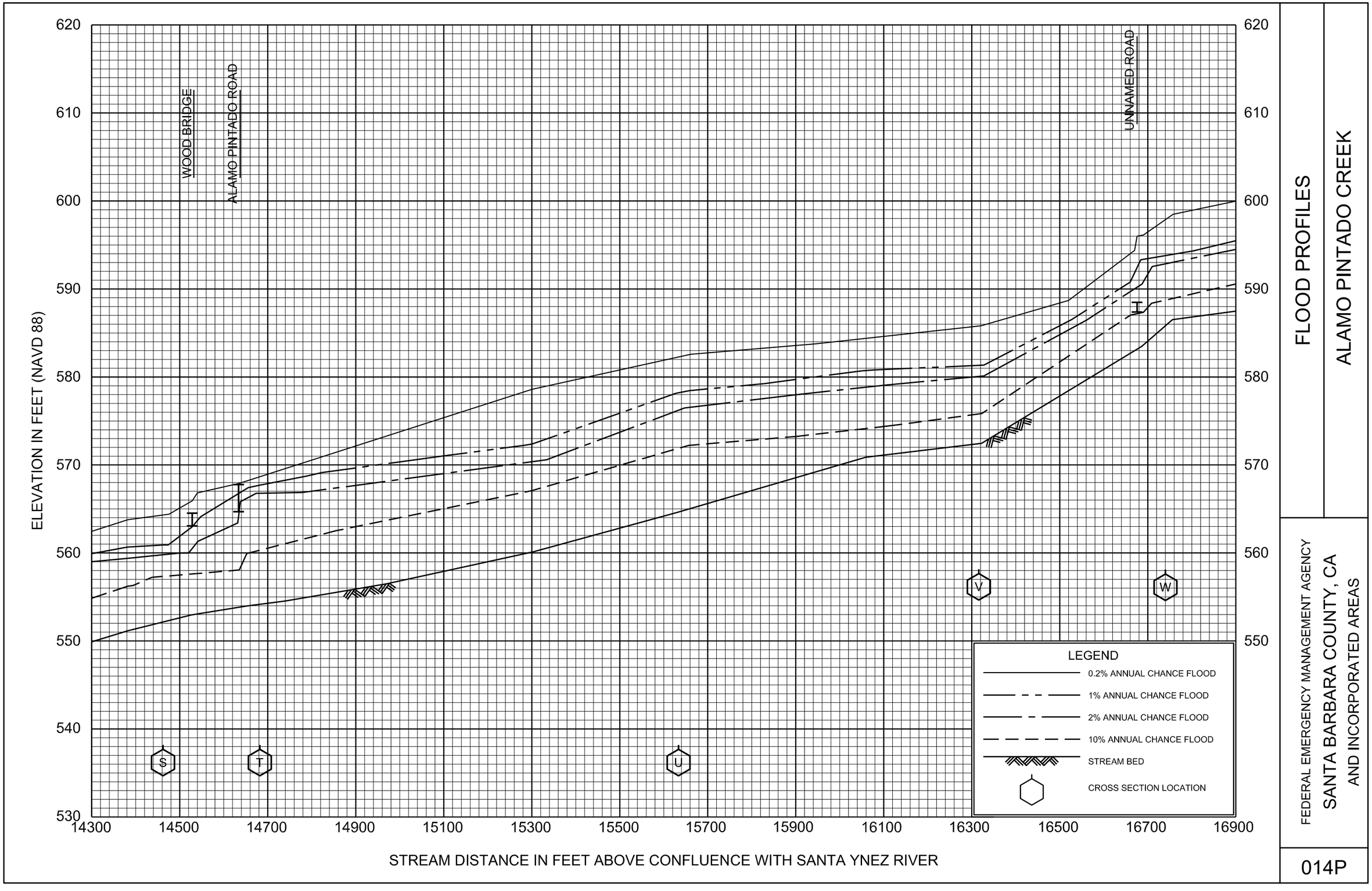
FLOOD PROFILES

ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

013P



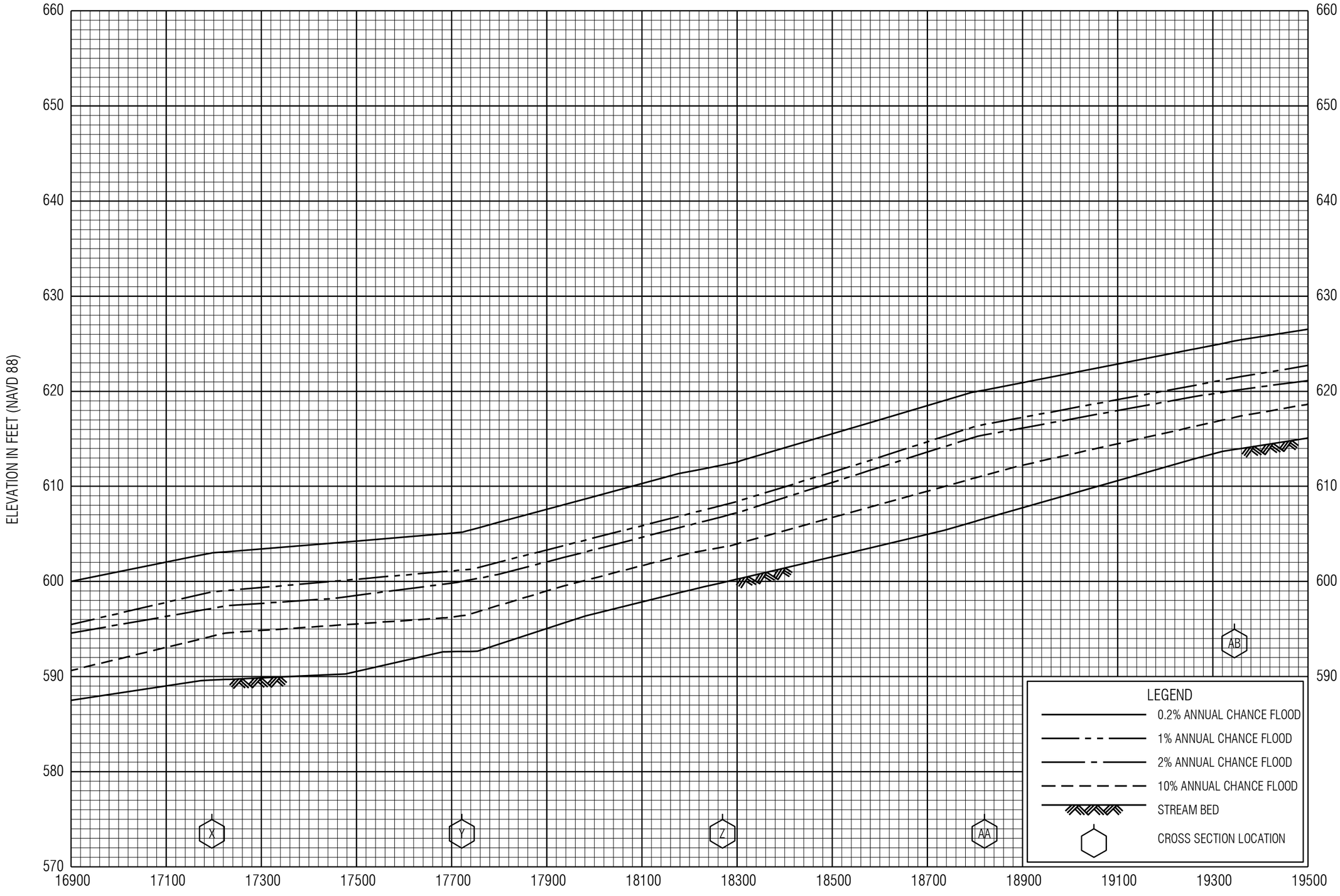
FLOOD PROFILES

ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

014P



FLOOD PROFILES

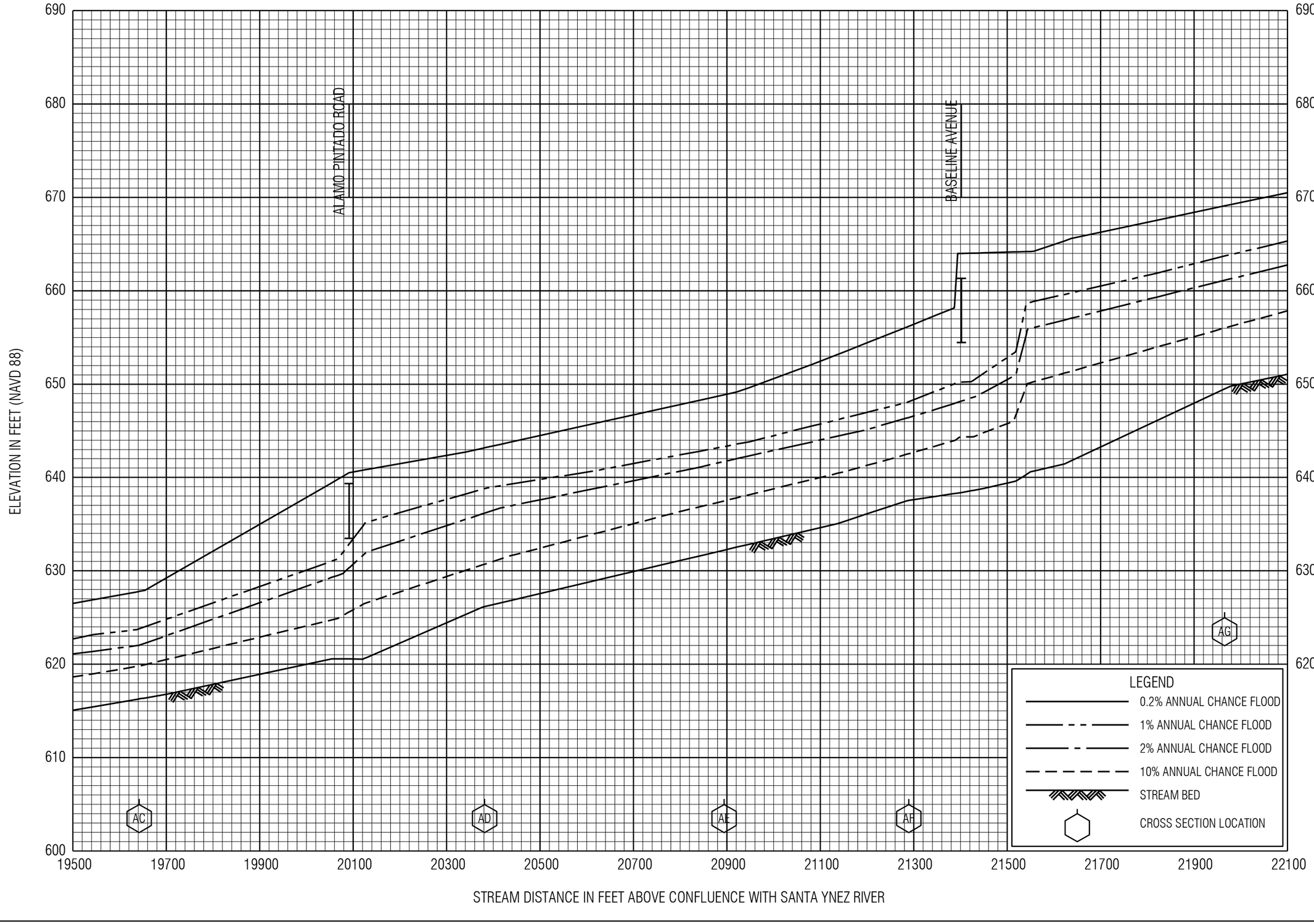
ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

015P



FLOOD PROFILES

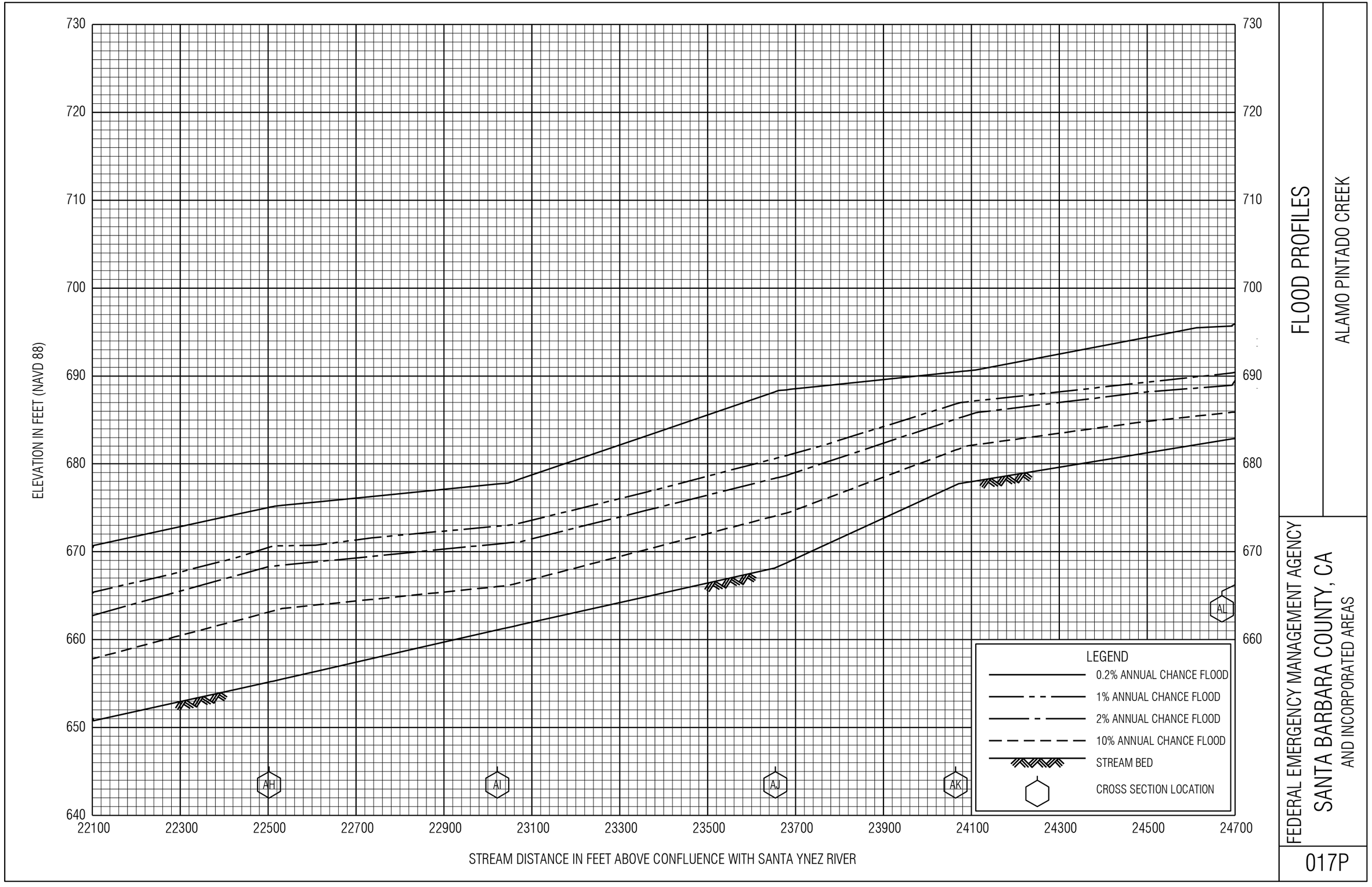
ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

016P



FLOOD PROFILES

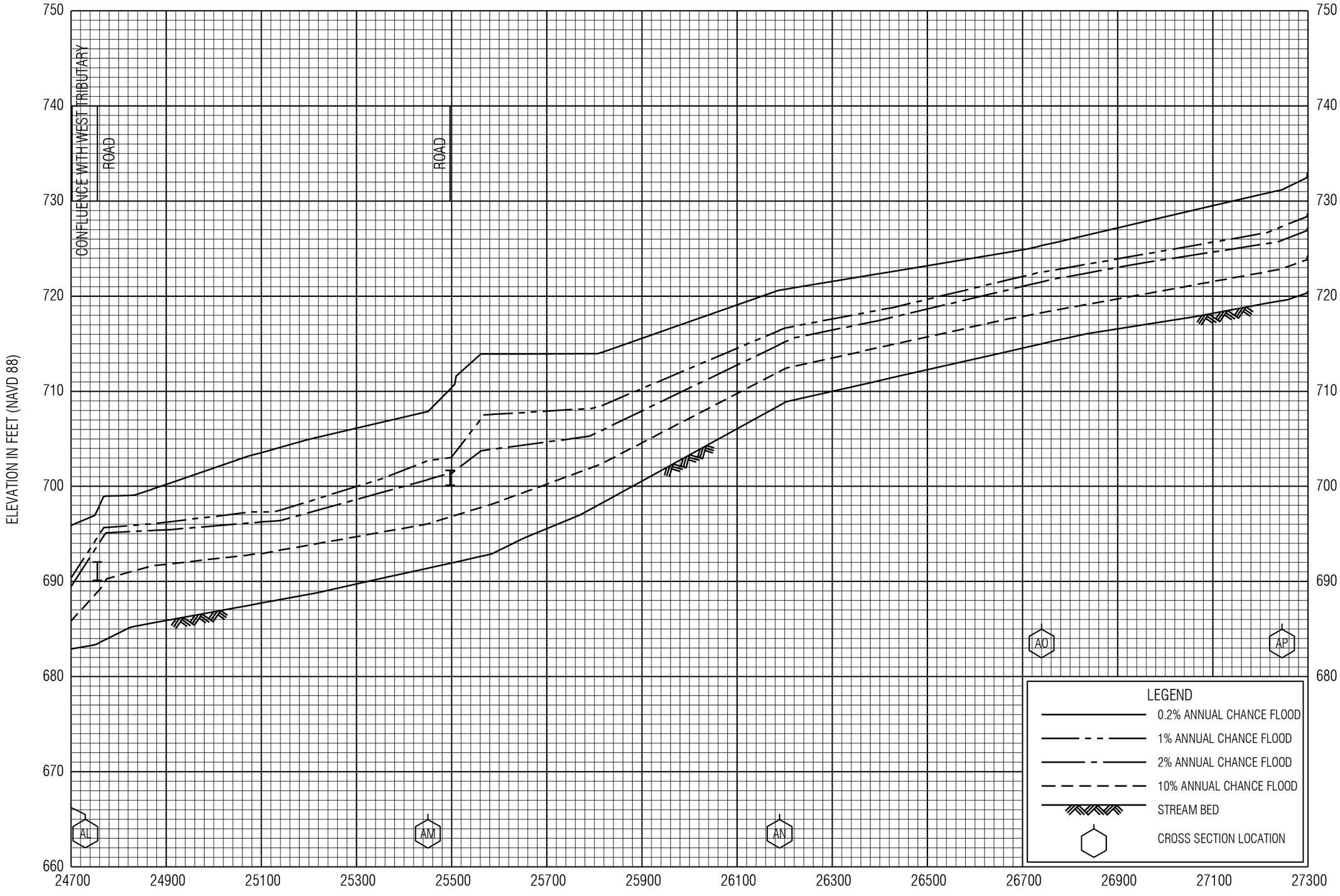
ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

017P



FLOOD PROFILES

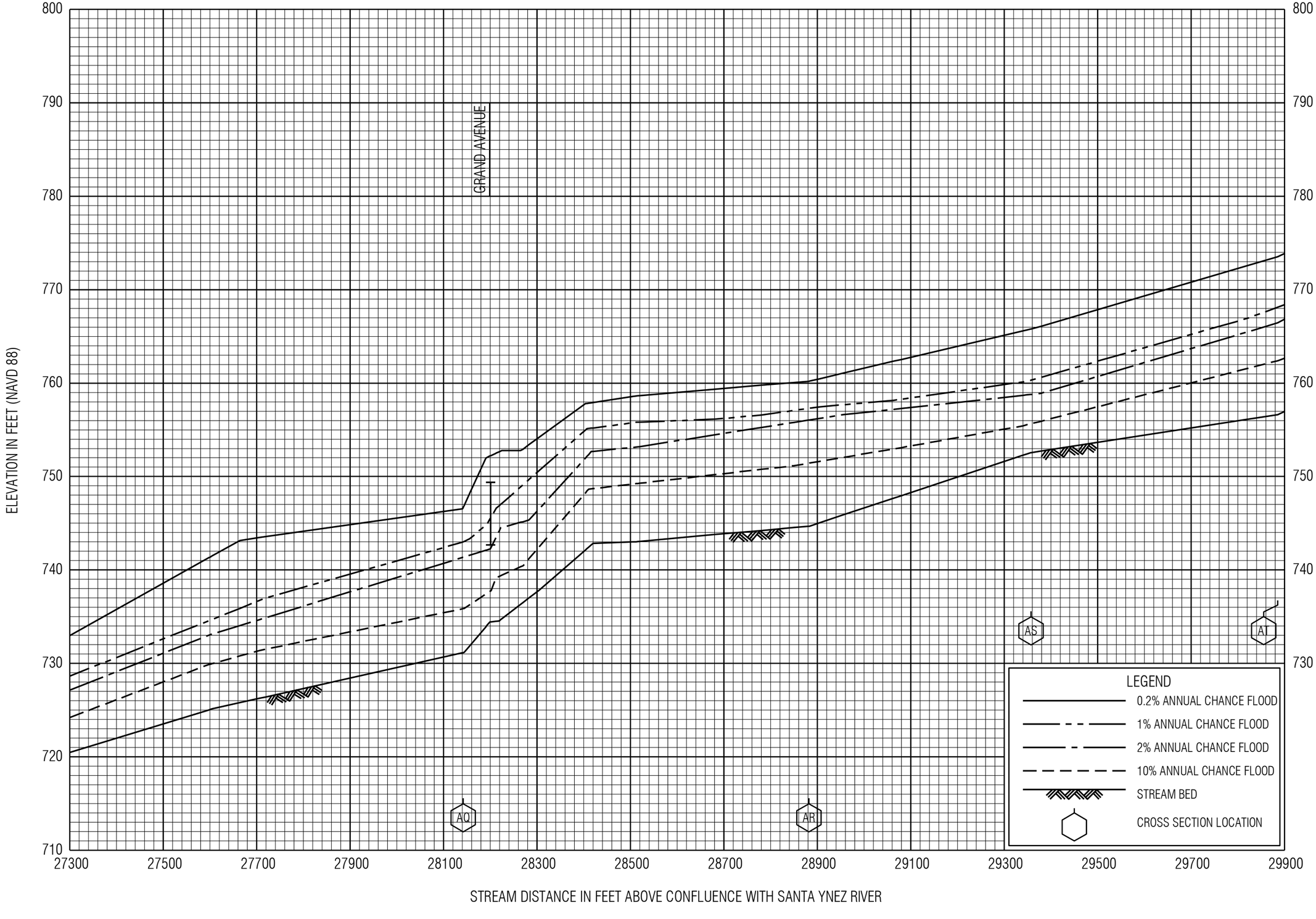
ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

018P



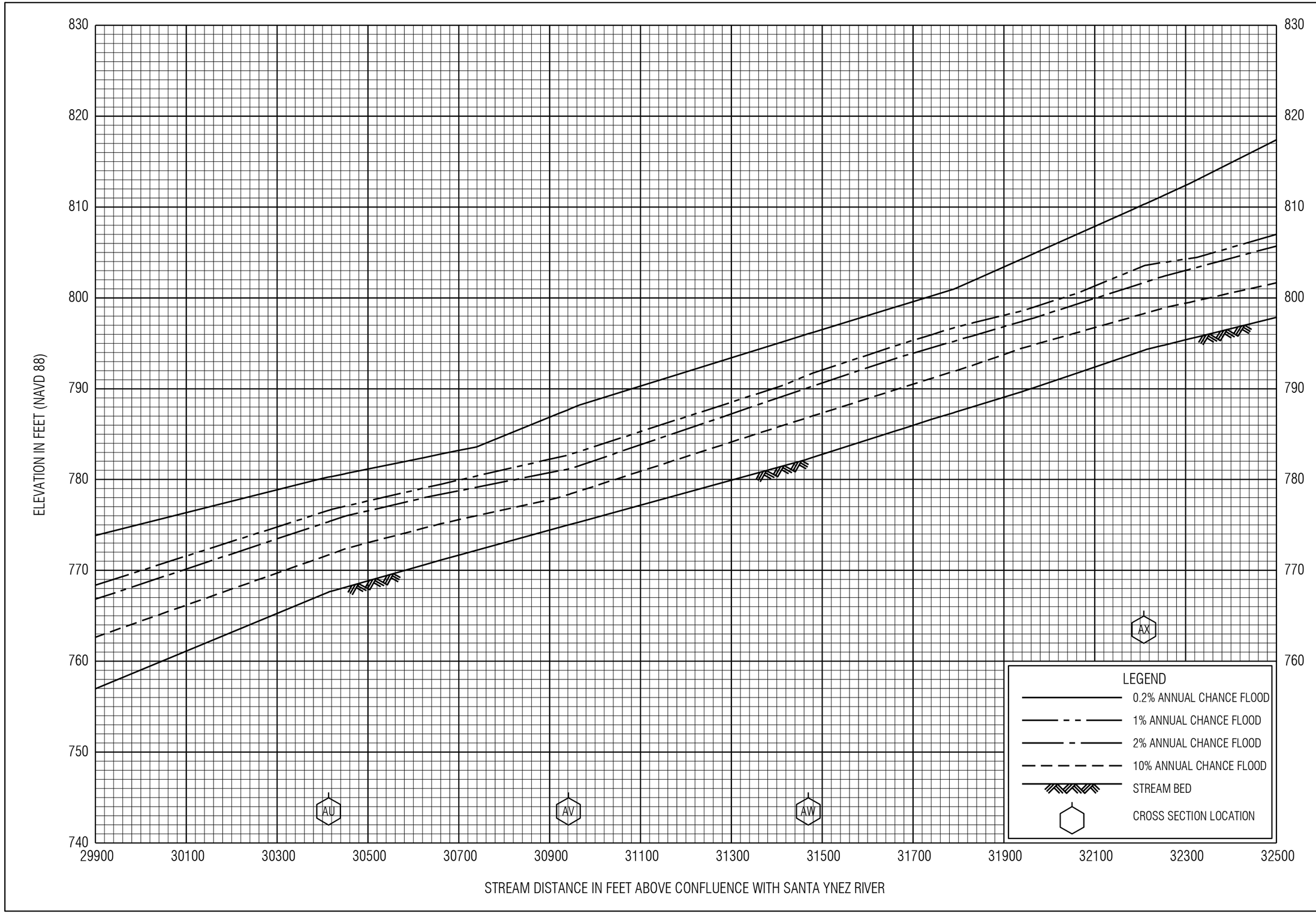
FLOOD PROFILES

ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

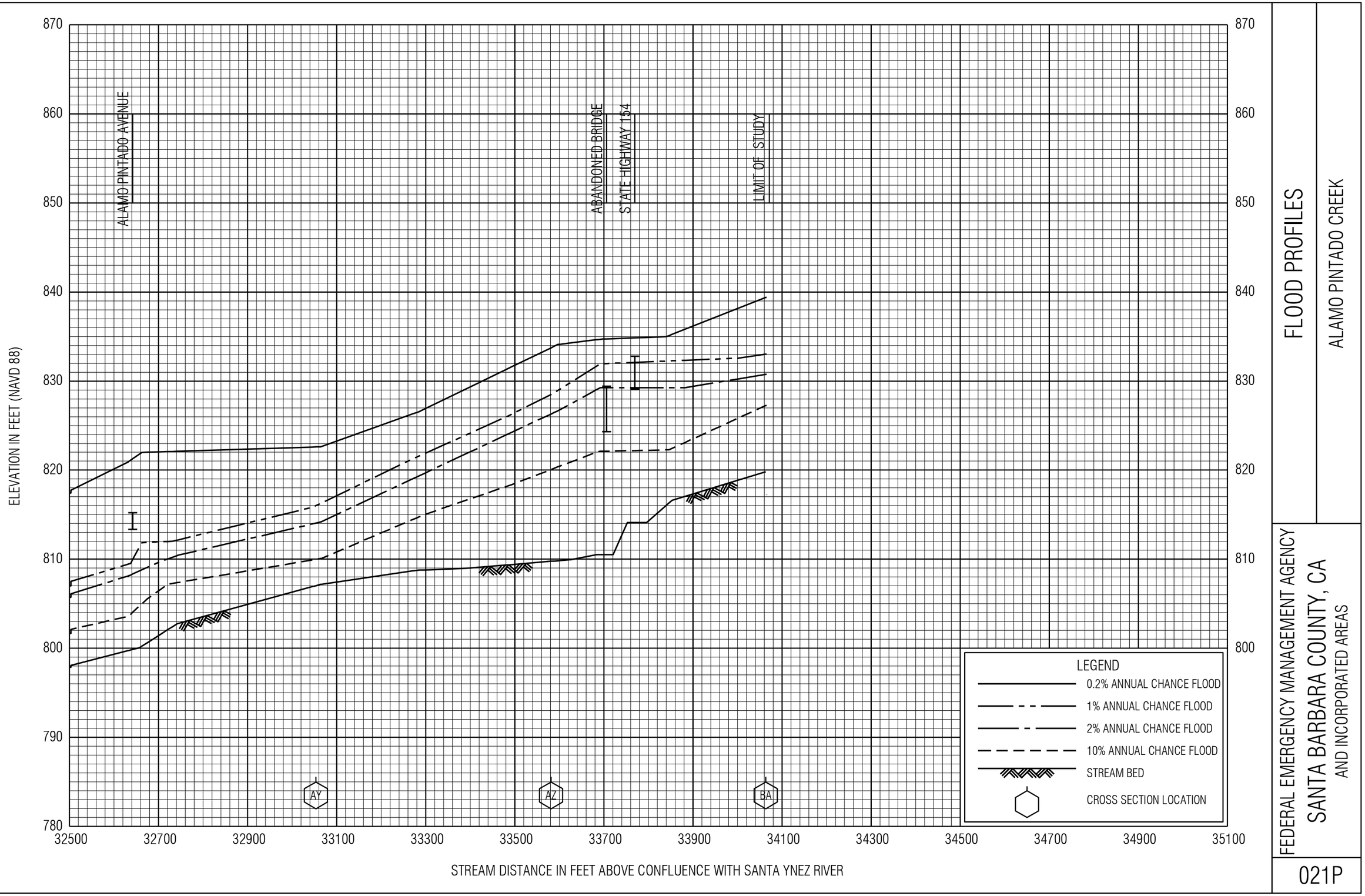
ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

020P



FLOOD PROFILES

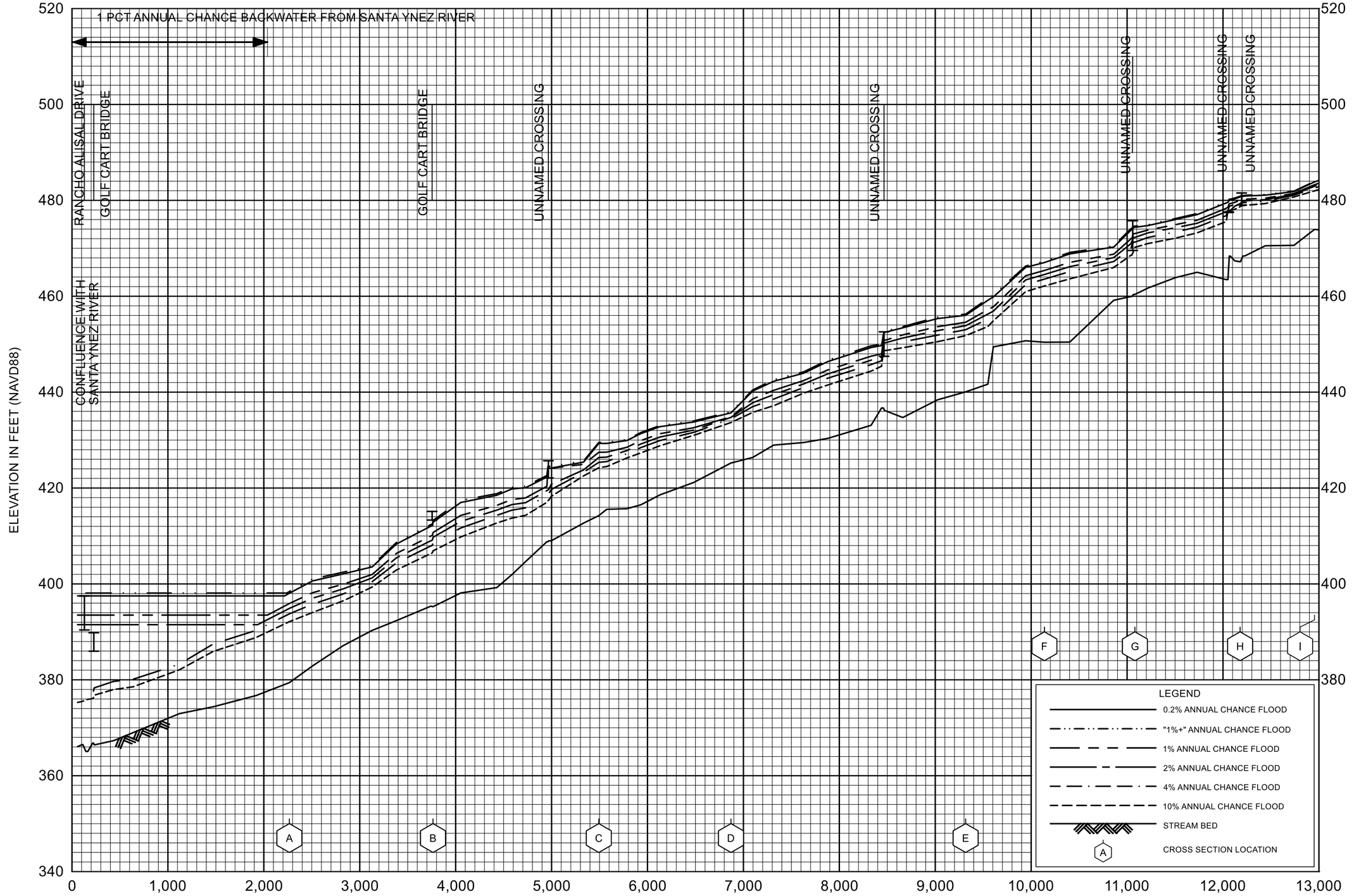
ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

021P



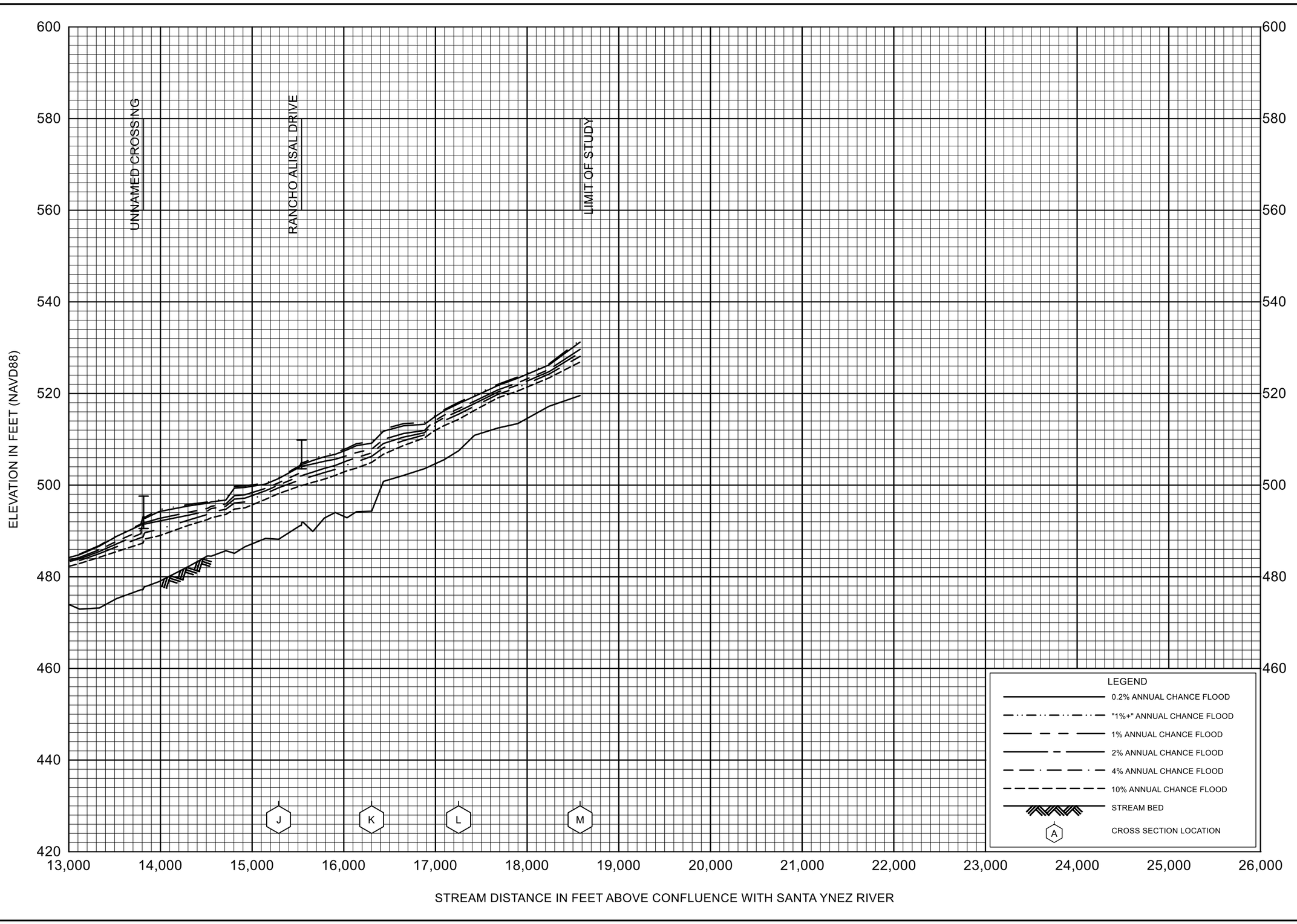
FLOOD PROFILES

ALISAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

022P



FLOOD PROFILES

ALISAL CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

80
70
60
50
40
30
20
10
0
-10

ELEVATIONS DOWNSTREAM OF THIS POINT CONTROLLED BY PACIFIC OCEAN

CONFLUENCE OF ARROYO BURRO CREEK CLIFF DRIVE OVERFLOW

CLIFF DRIVE

DIVERGENCE OF ARROYO BURRO CREEK CLIFF DRIVE OVERFLOW

A

B

C

D

LEGEND

*0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

*2% ANNUAL CHANCE FLOOD

*10% ANNUAL CHANCE FLOOD

STREAM BED

CROSS SECTION LOCATION

500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

*DATA NOT AVAILABLE

This profile is updated per LOMR 19-09-2341P which is located on panels which were not revised with this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

FLOOD PROFILES

ARROYO BURRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

024P

FLOOD PROFILES

ARROYO BURRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

130
120
110
100
90
80
70
60
50
40

7000 7500 8000 8500 9000 9500 10000 10500 11000 11500 12000 12500 13000 13500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

CONFLUENCE OF LAS POSITAS CREEK

CULVERT

CULVERT

TORINO DRIVE

CALLE DE LOS AMIGOS

E

F

G

LEGEND

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

FLOOD PROFILES

ARROYO BURRO CREEK

ELEVATION IN FEET (NAVD 88)

190
180
170
160
150
140
130
120
110
100

13500 14000 14500 15000 15500 16000 16500 17000 17500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

CULVERT

CULVERT

US HIGHWAY 101

HOPE AVENUE

CONFLUENCE OF SAN ROQUE CREEK

LEGEND

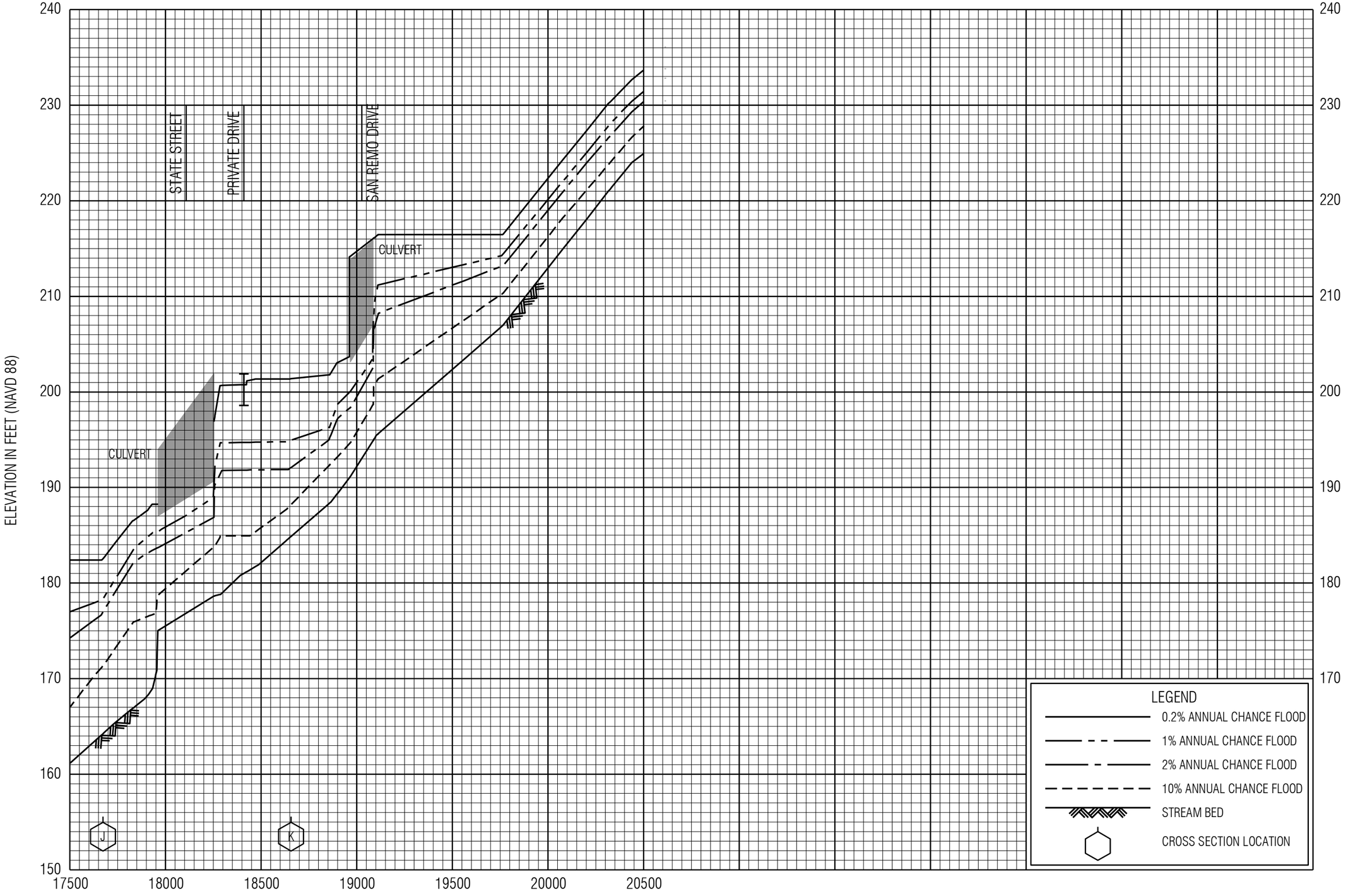
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

026P



FLOOD PROFILES

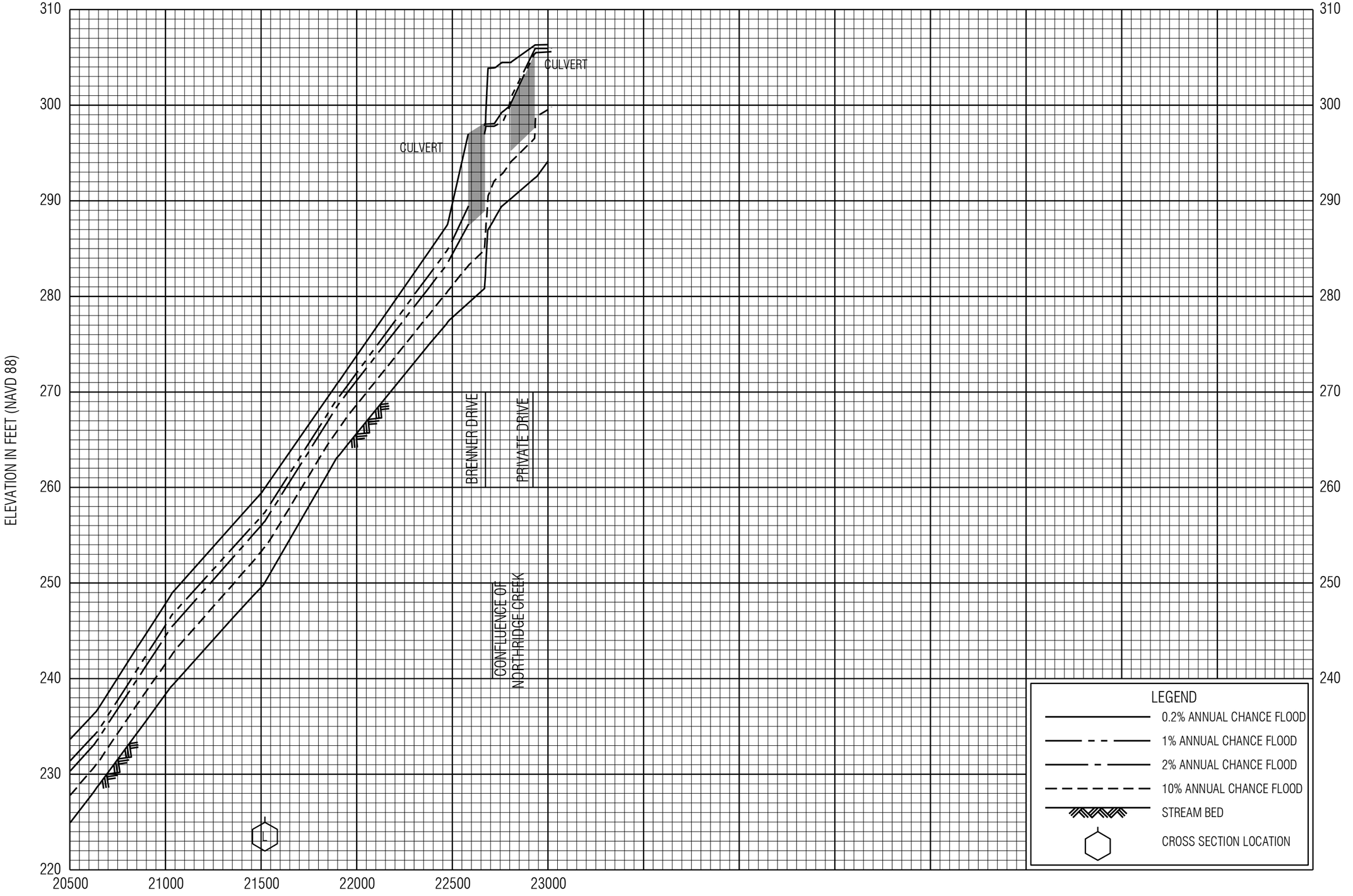
ARROYO BURRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

027P



FLOOD PROFILES

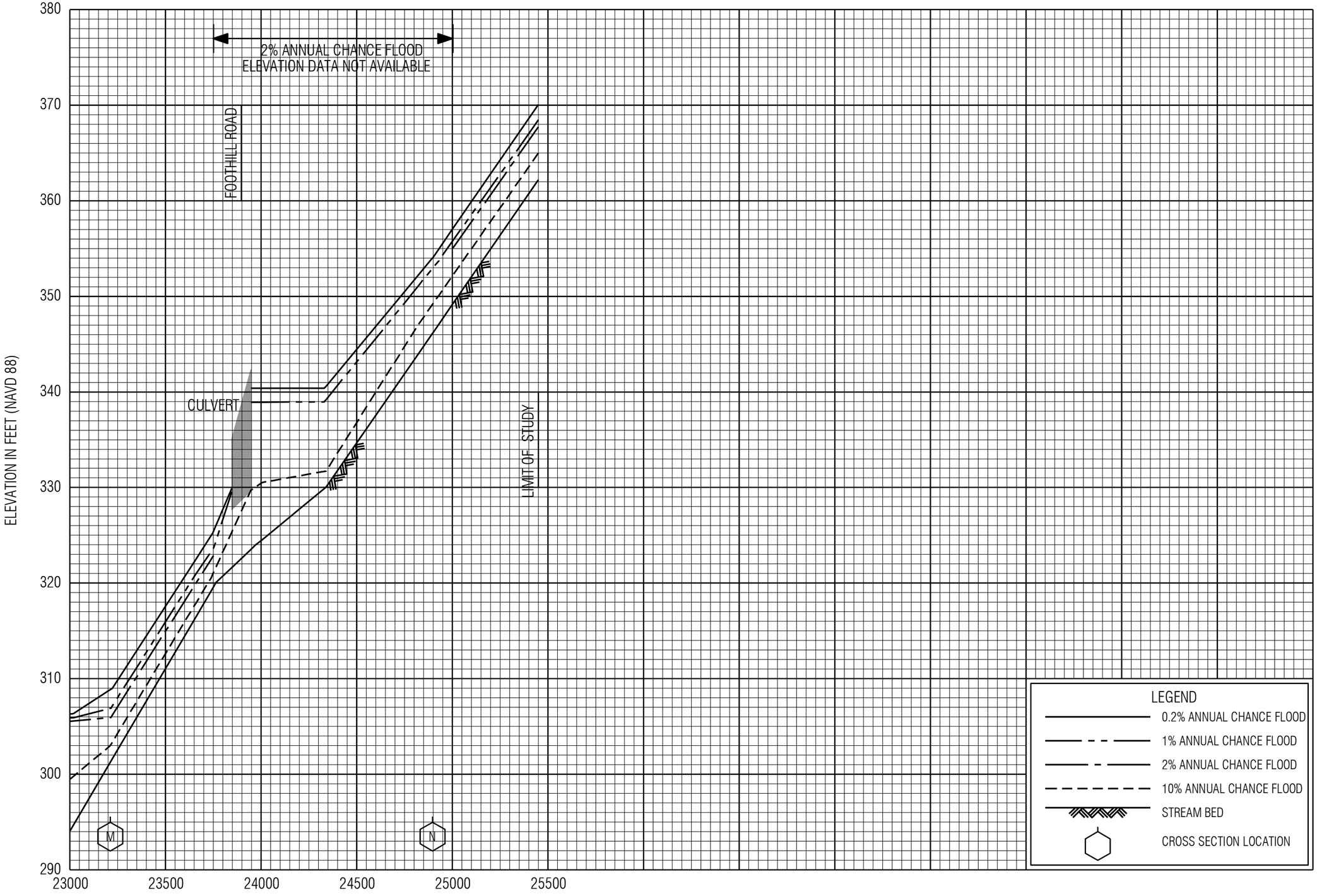
ARROYO BURRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

028P



FLOOD PROFILES

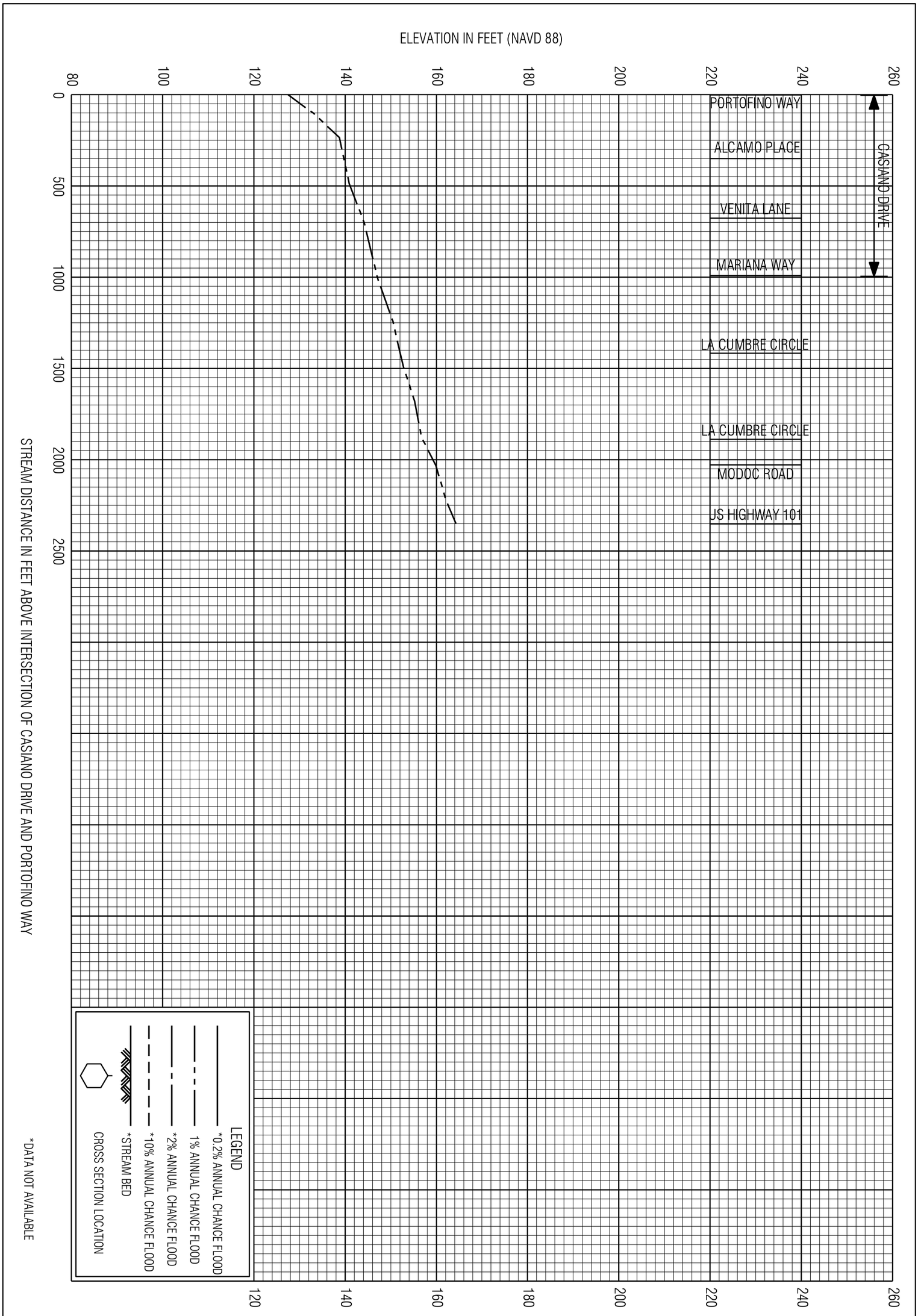
ARROYO BURRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

029P



030P

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

ARROYO BURRO CREEK OVERFLOW - CASIANO DRIVE

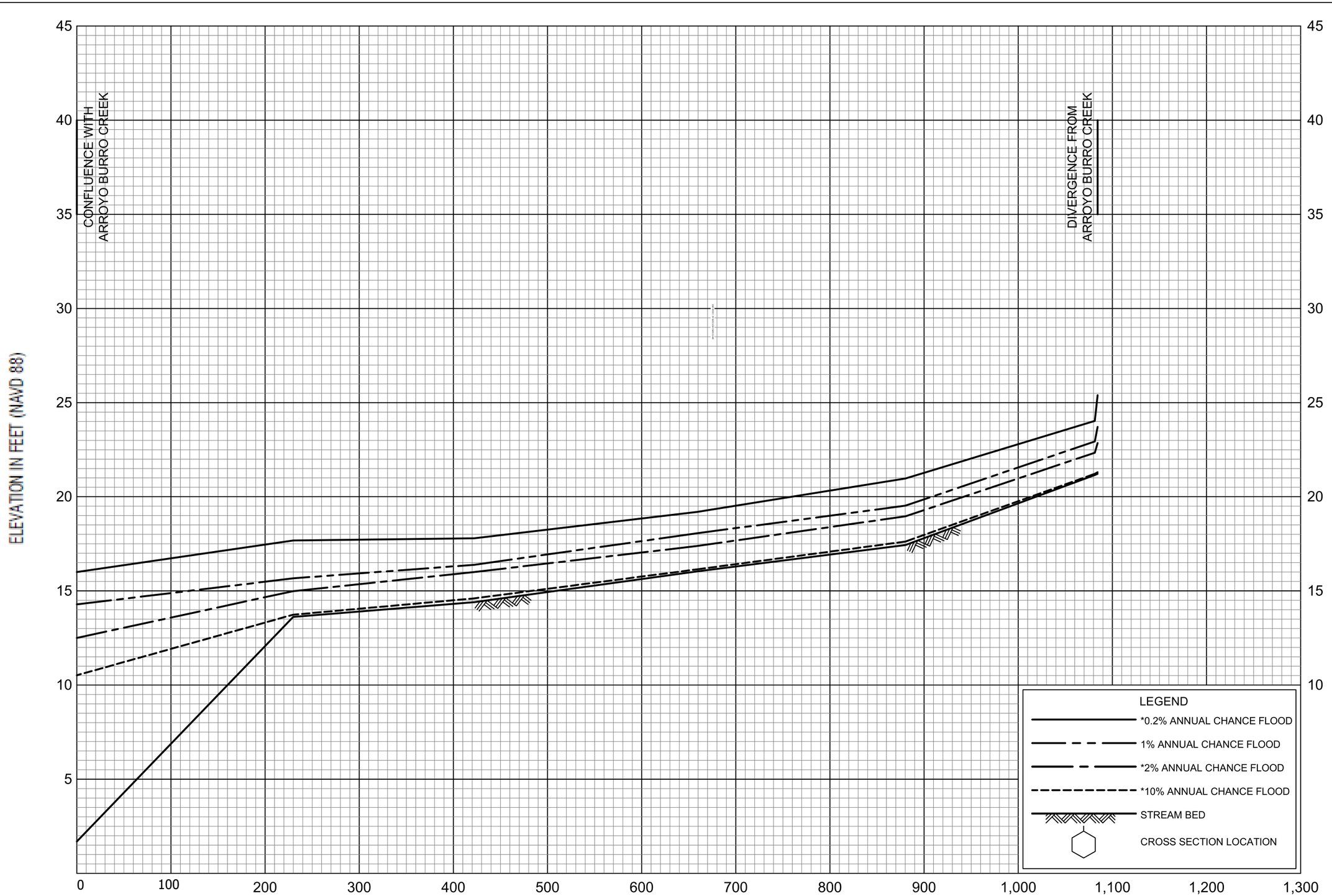
FLOOD PROFILES

ARROYO BURRO CREEK OVERFLOW - CLIFF DRIVE

FEDERA 5EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ARROYO BURRO CREEK

This profile is updated per LOMR 19-09-2341P which is located on panels which were not revised with this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

031P

*DATA NOT AVAILABLE

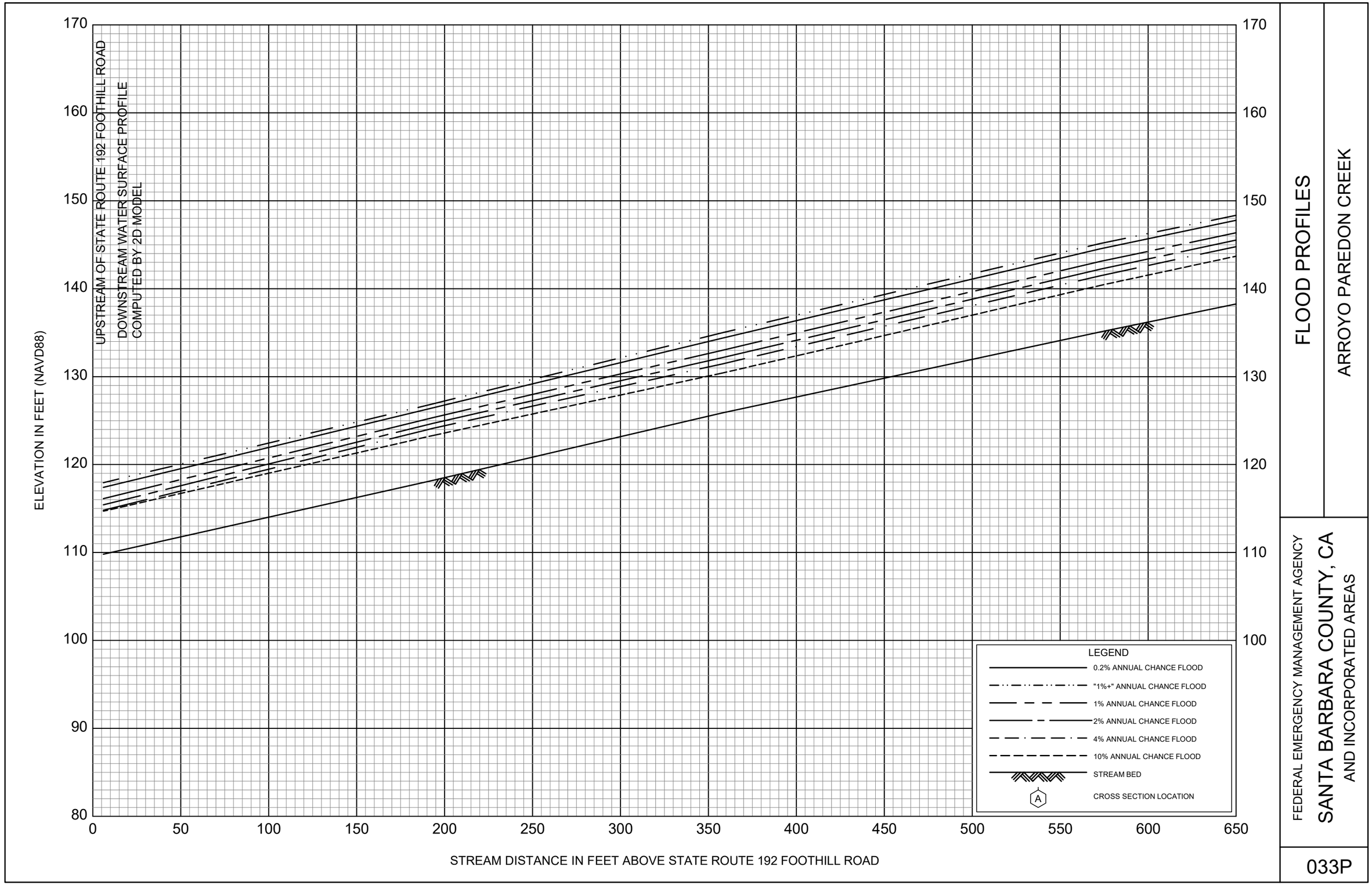
FLOOD PROFILES

ARROYO BURRO CREEK OVERFLOW - PALERMO WAY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



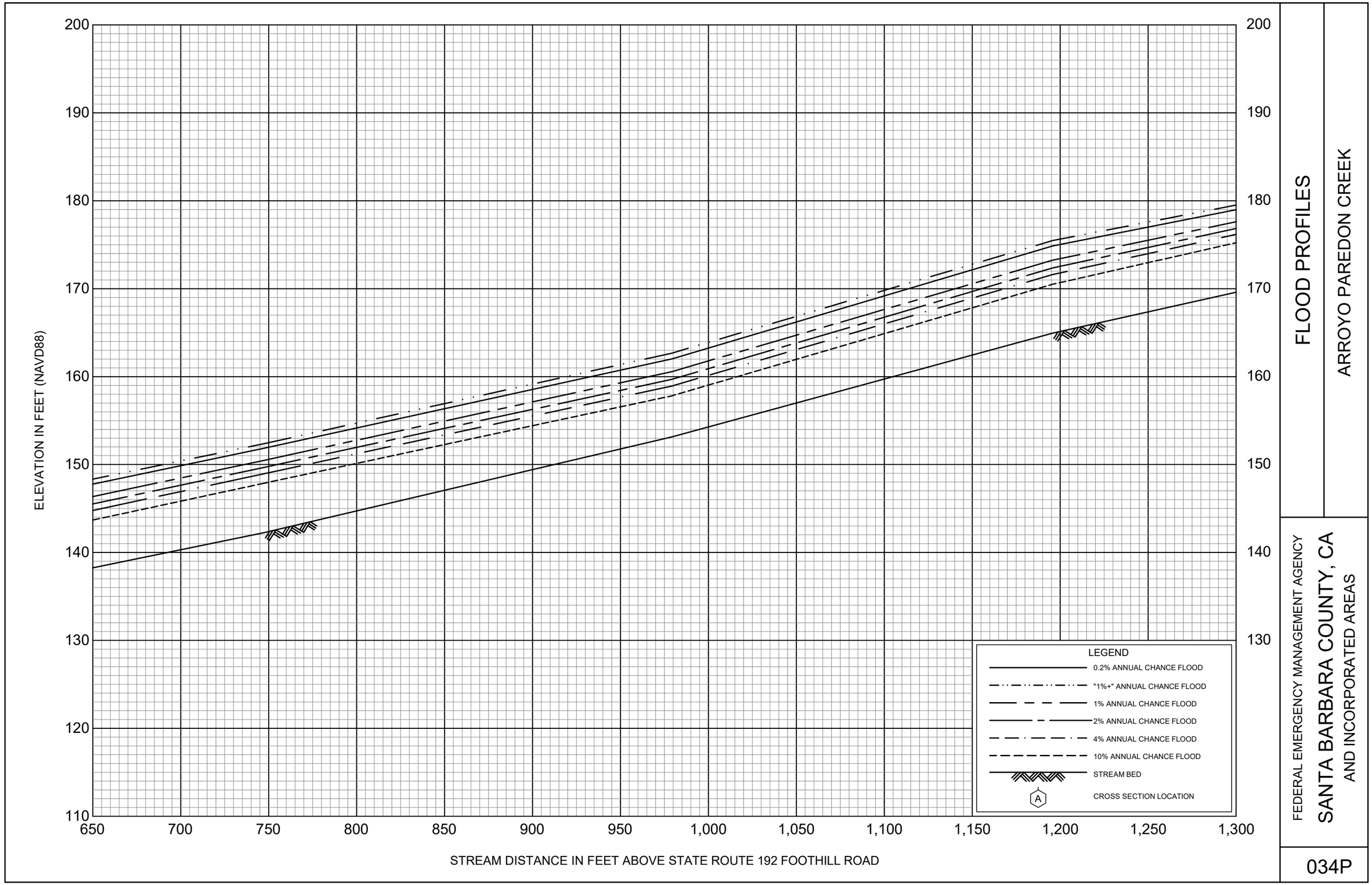
FLOOD PROFILES

ARROYO PAREDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

033P



FLOOD PROFILES

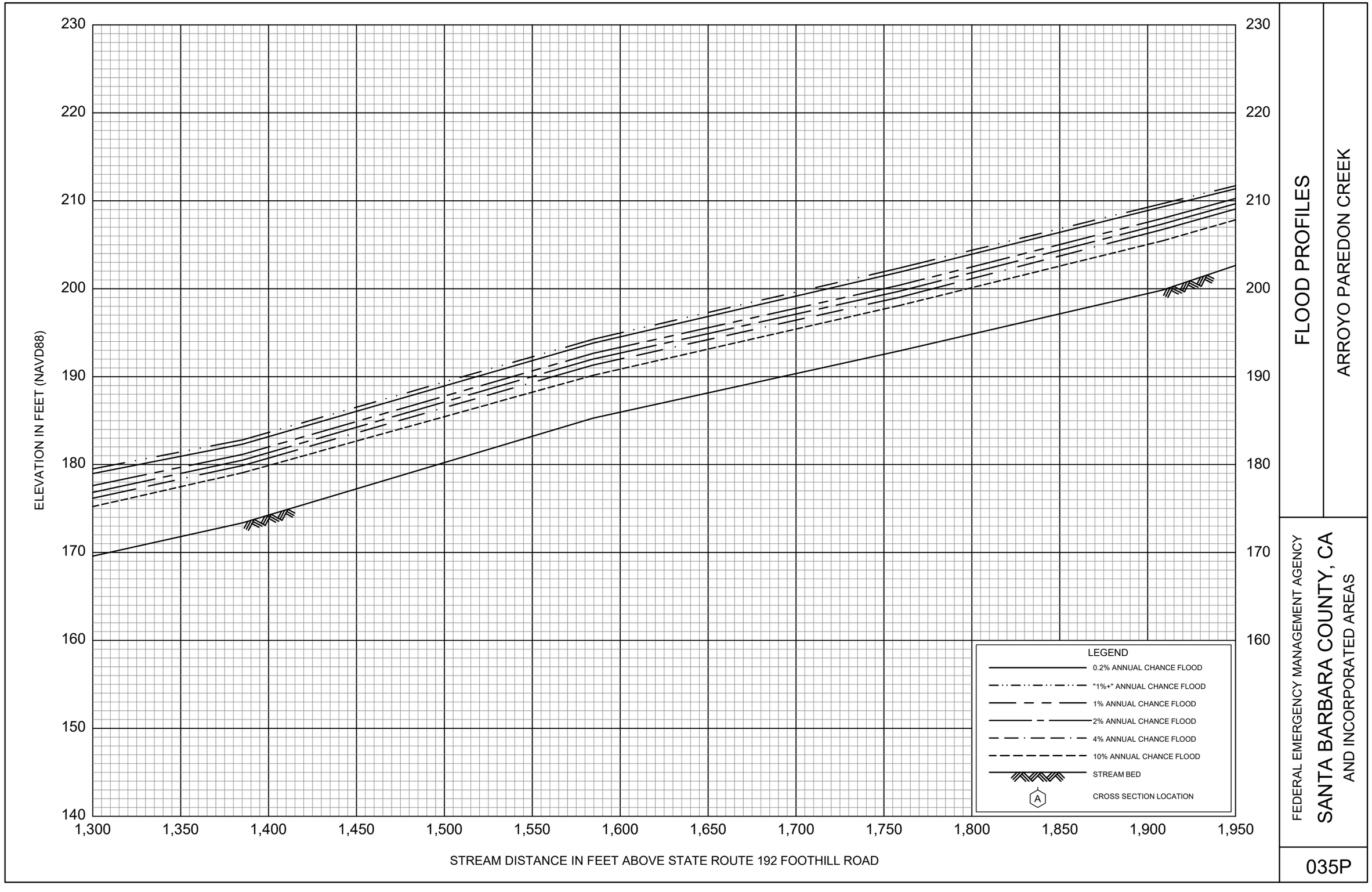
ARROYO PAREDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

034P



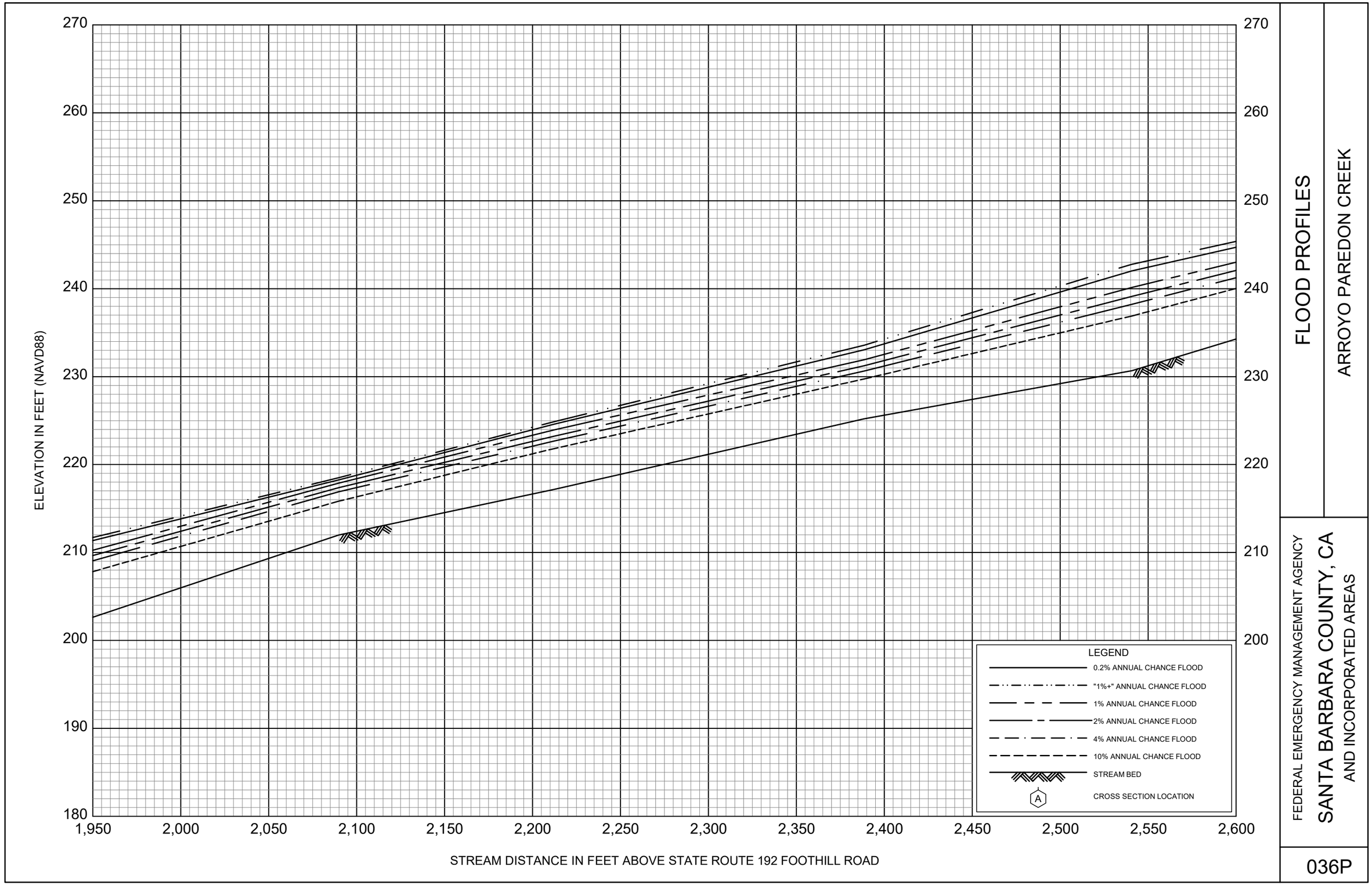
FLOOD PROFILES

ARROYO PAREDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

035P



FLOOD PROFILES

ARROYO PAREDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

036P

ELEVATION IN FEET (NAVD88)

300
290
280
270
260
250
240
230
220
210

2,600 2,650 2,700 2,750 2,800 2,850 2,900 2,950 3,000 3,050 3,100 3,150 3,200 3,250

STREAM DISTANCE IN FEET ABOVE STATE ROUTE 192 FOOTHILL ROAD

LEGEND

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

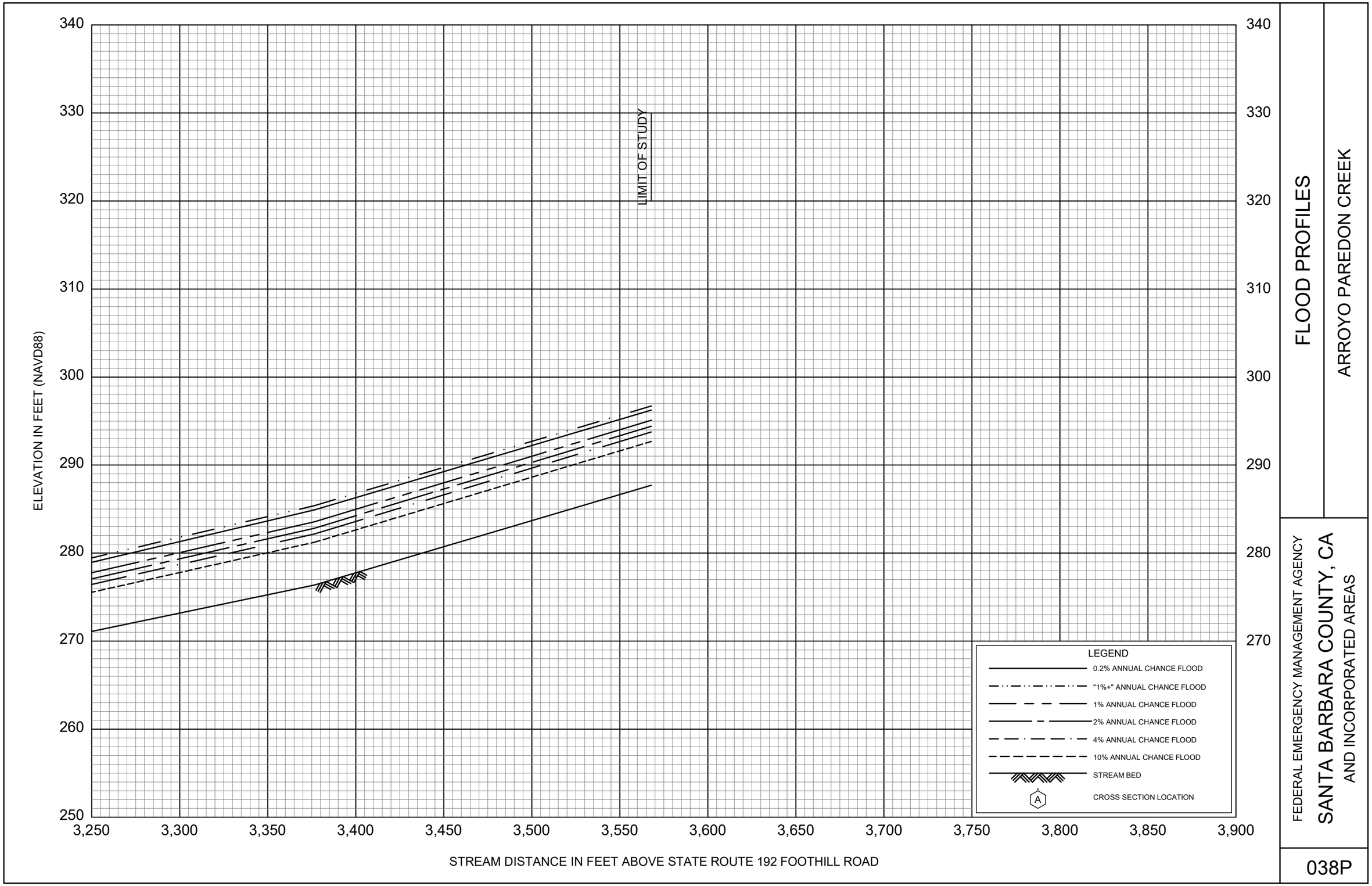
FLOOD PROFILES

ARROYO PAREDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

037P



FLOOD PROFILES

ARROYO PAREDON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

038P

ELEVATION IN FEET (NAVD88)

160
140
120
100
80
60
40
20
-20

CONFLUENCE WITH ARROYO PAREDONE CREEK

1% ANNUAL CHANCE BACKWATER EFFECTS FROM ARROYO PAREDON CREEK

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

A
B
C

LEGEND

1% ANNUAL CHANCE FLOOD
STREAM BED
A CROSS SECTION LOCATION

0 50 100 150 200 250 300 350 400 450 500 550 600 650

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ARROYO PAREDON

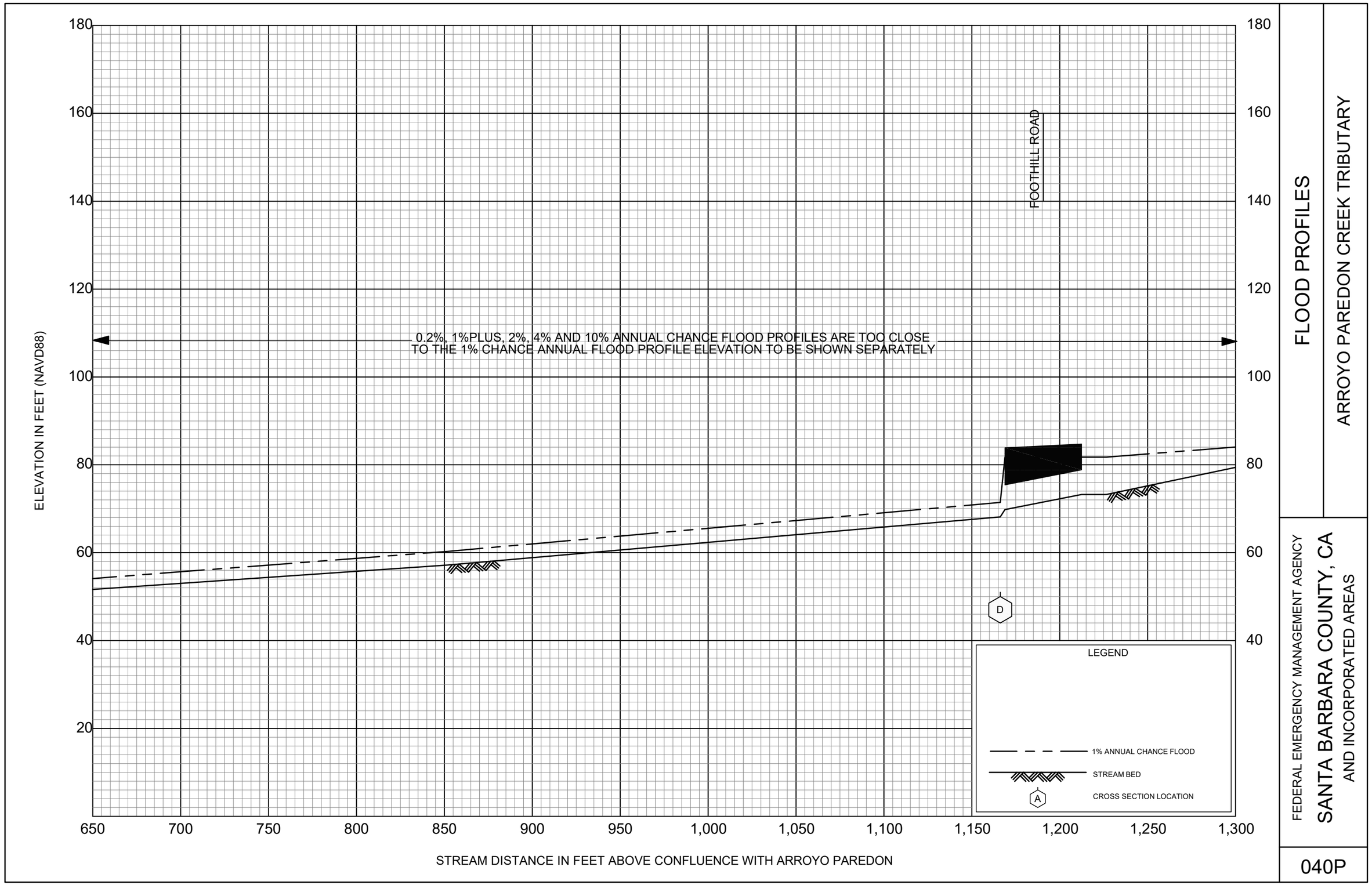
FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

039P



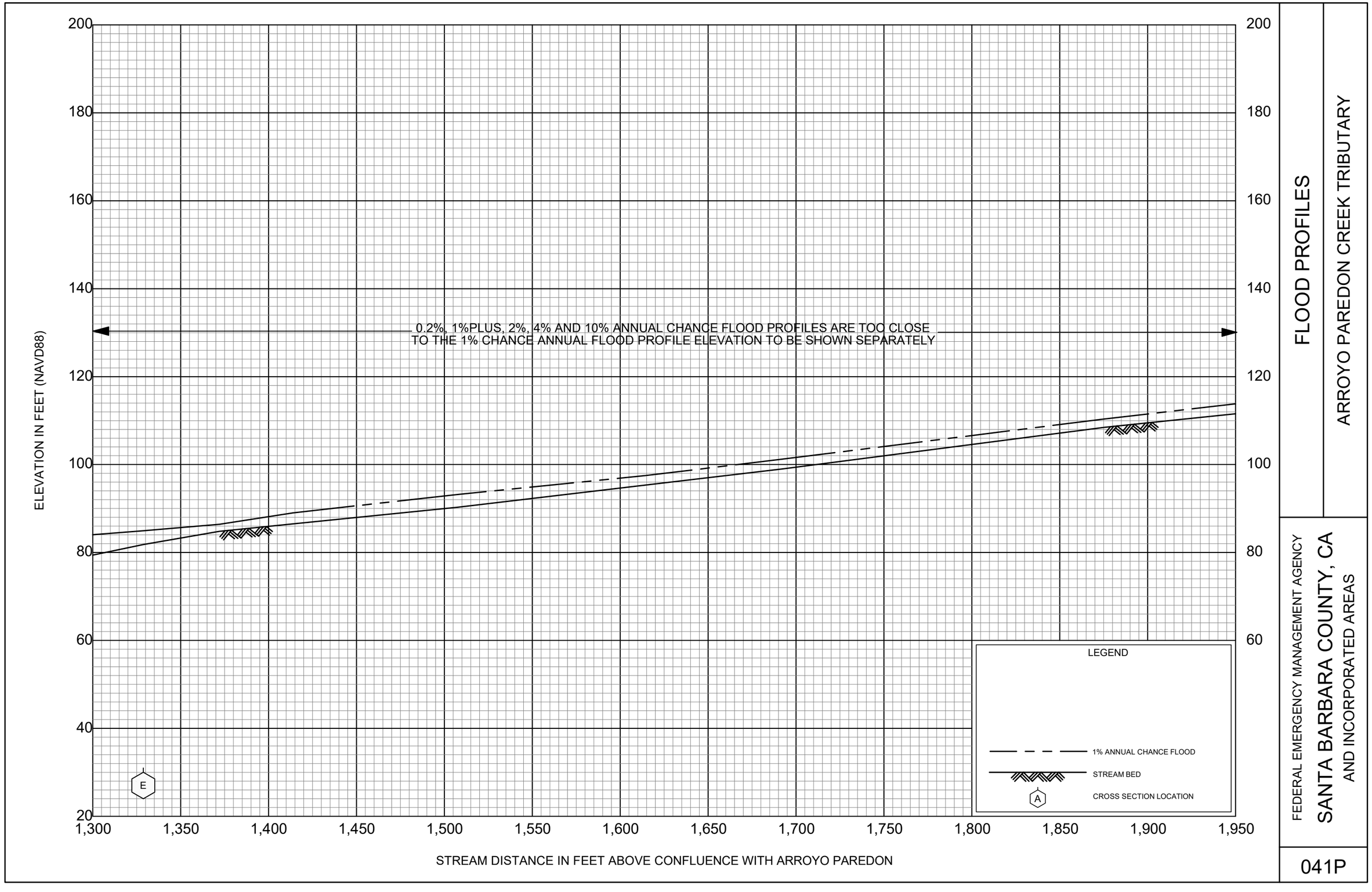
FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

040P



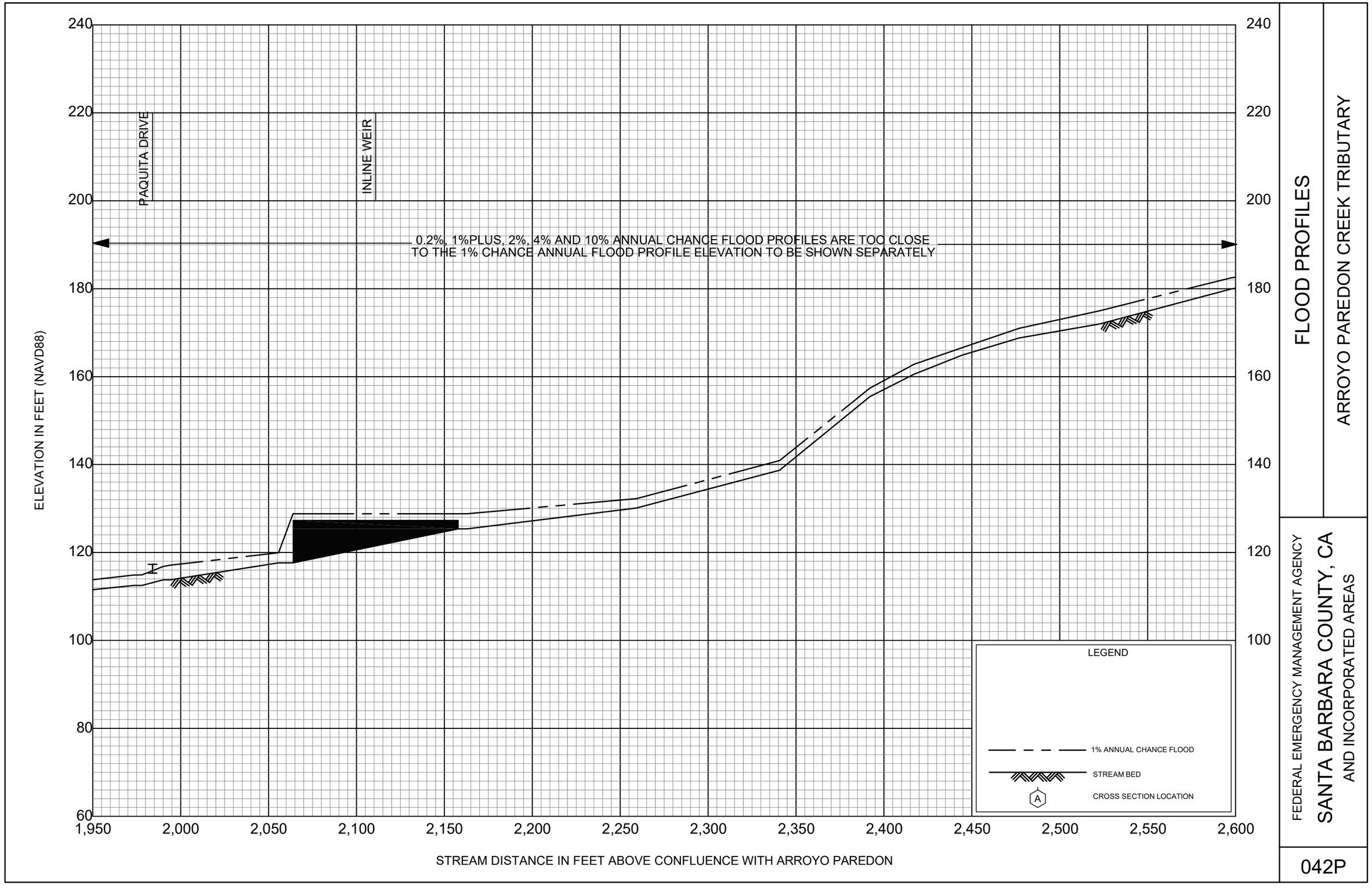
FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

041P



FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

042P

ELEVATION IN FEET (NAVD88)

320
300
280
260
240
220
200
180
160
140

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE
TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

2,600 2,650 2,700 2,750 2,800 2,850 2,900 2,950 3,000 3,050 3,100 3,150 3,200 3,250

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ARROYO PAREDON

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

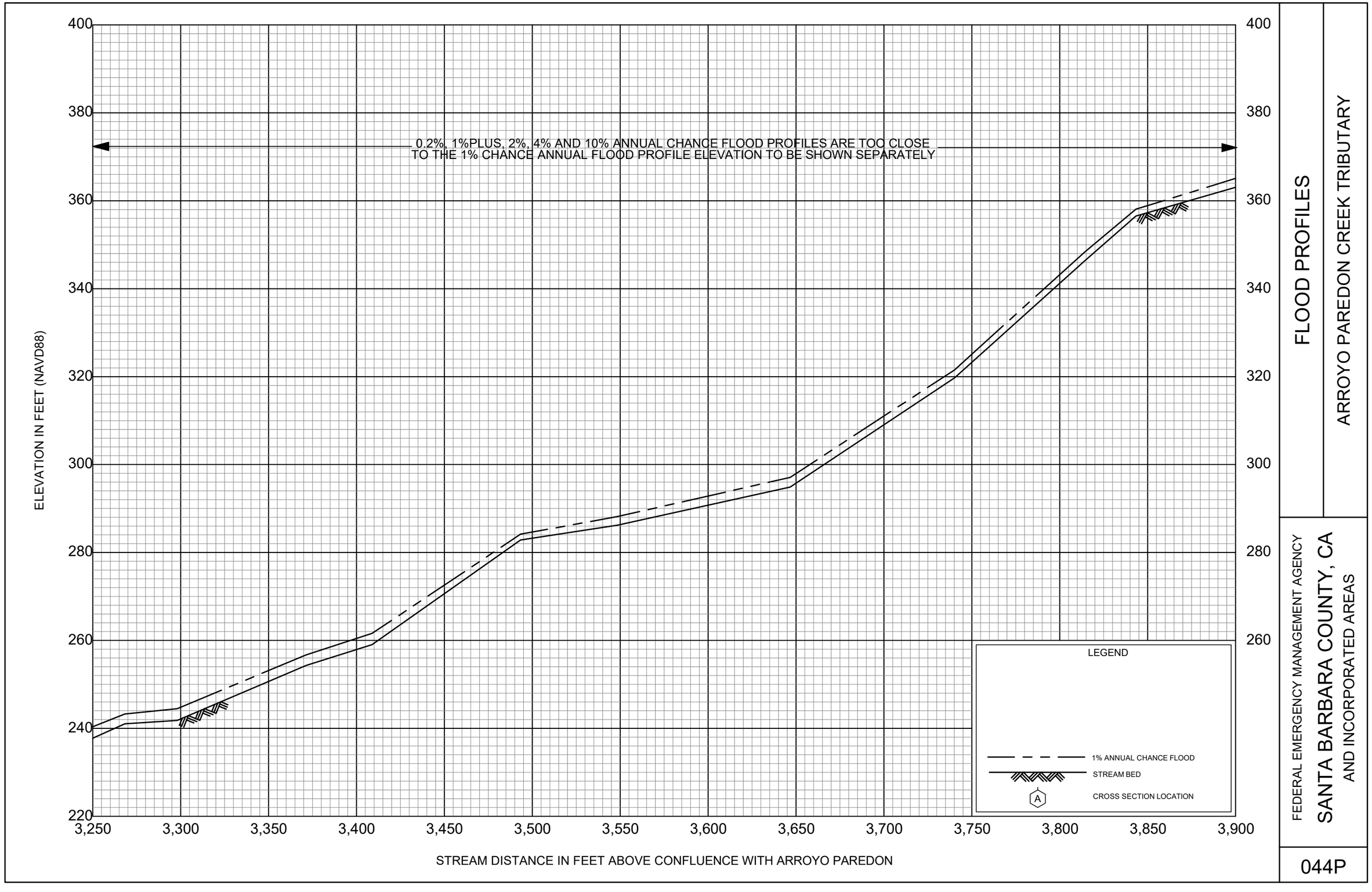
FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

043P



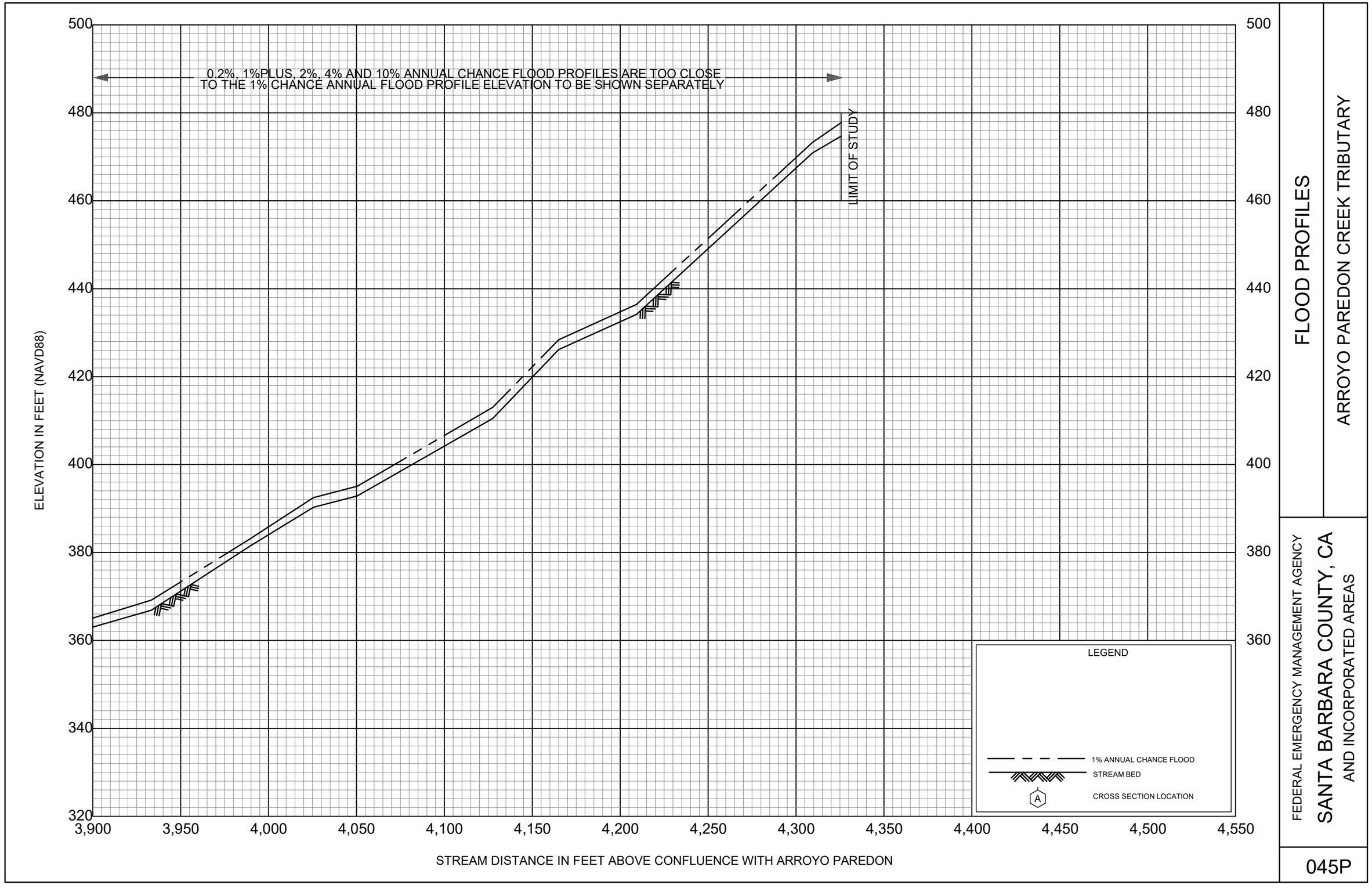
FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

044P



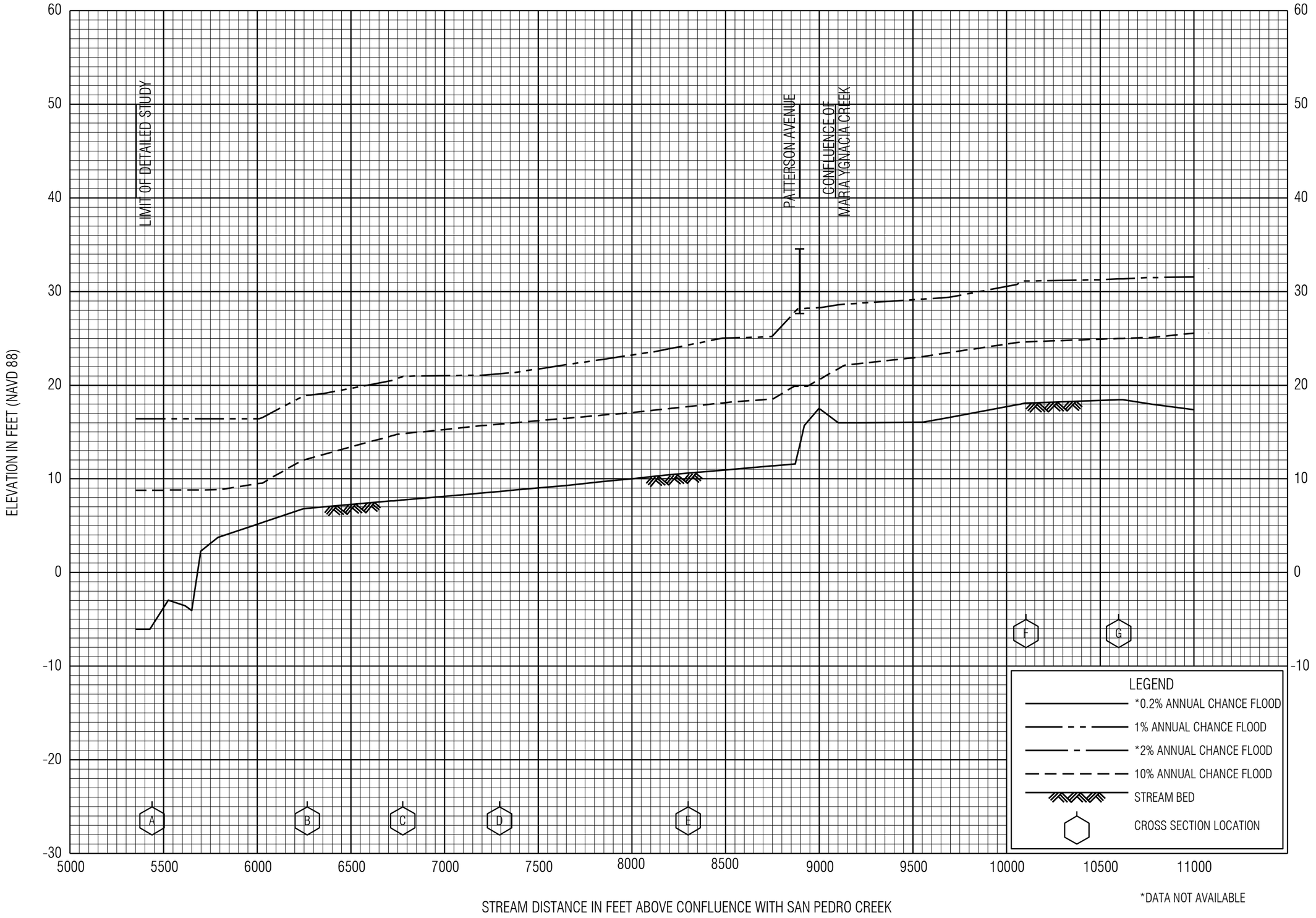
FLOOD PROFILES

ARROYO PAREDON CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

045P



*DATA NOT AVAILABLE

FLOOD PROFILES

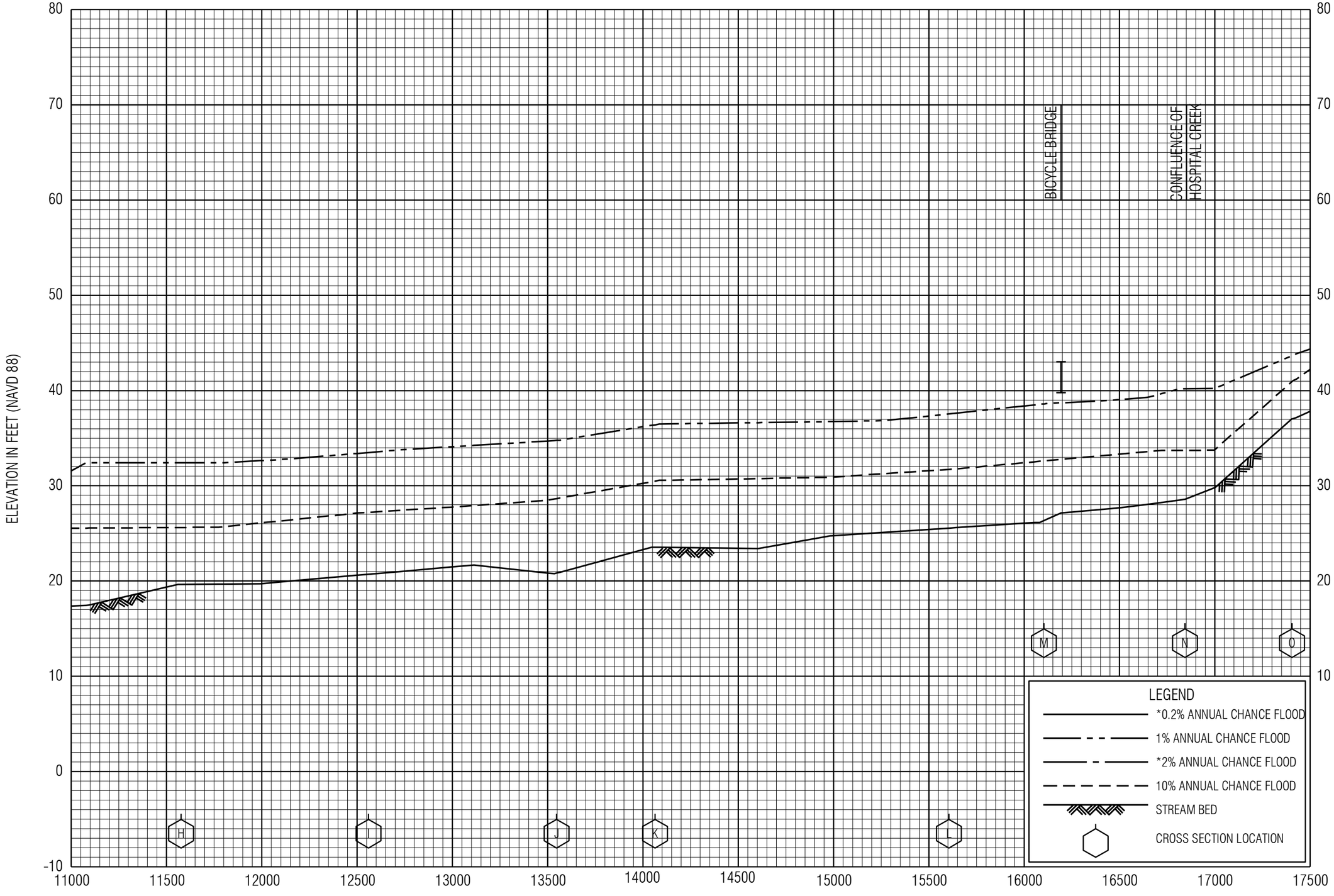
ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

046P



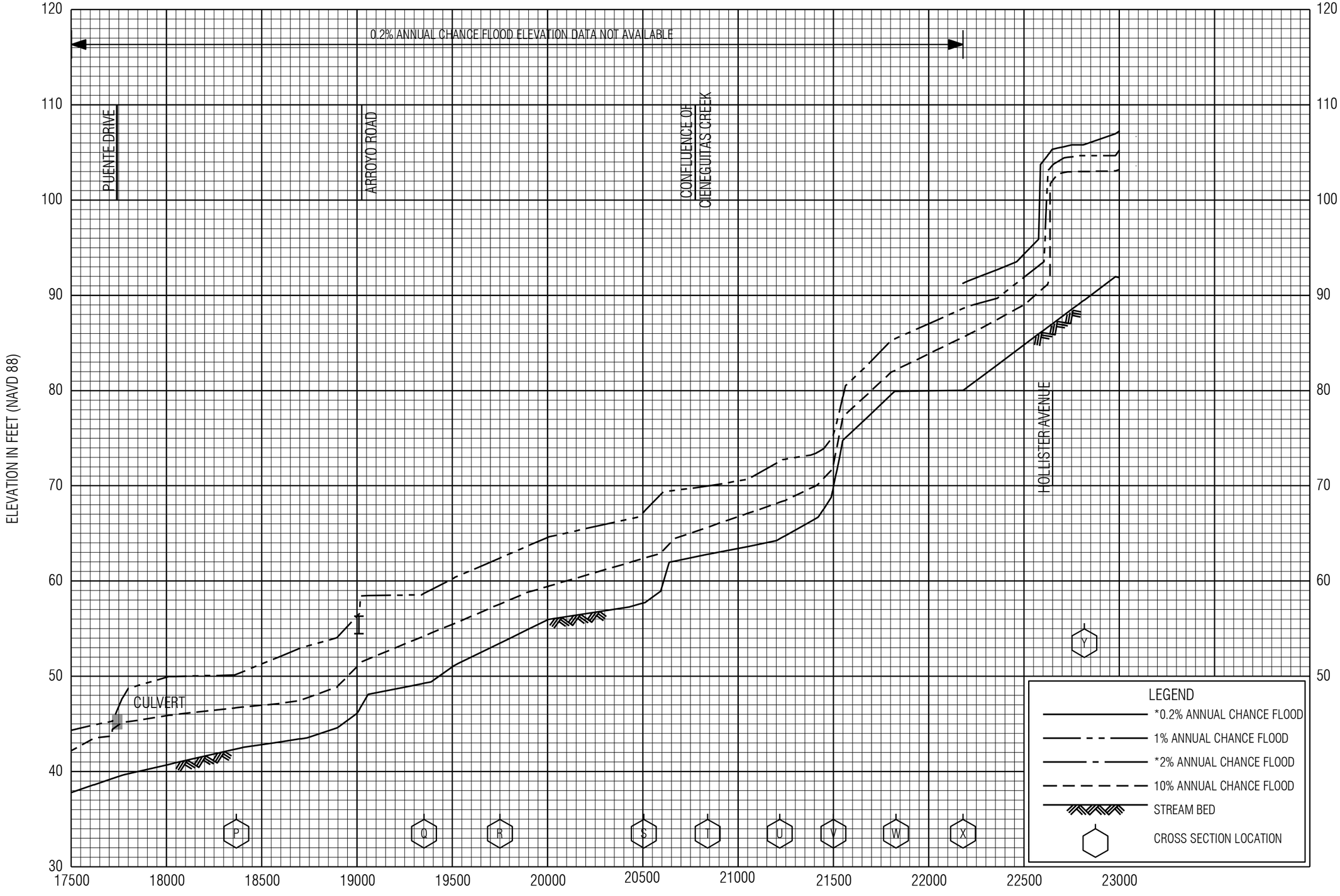
FLOOD PROFILES

ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

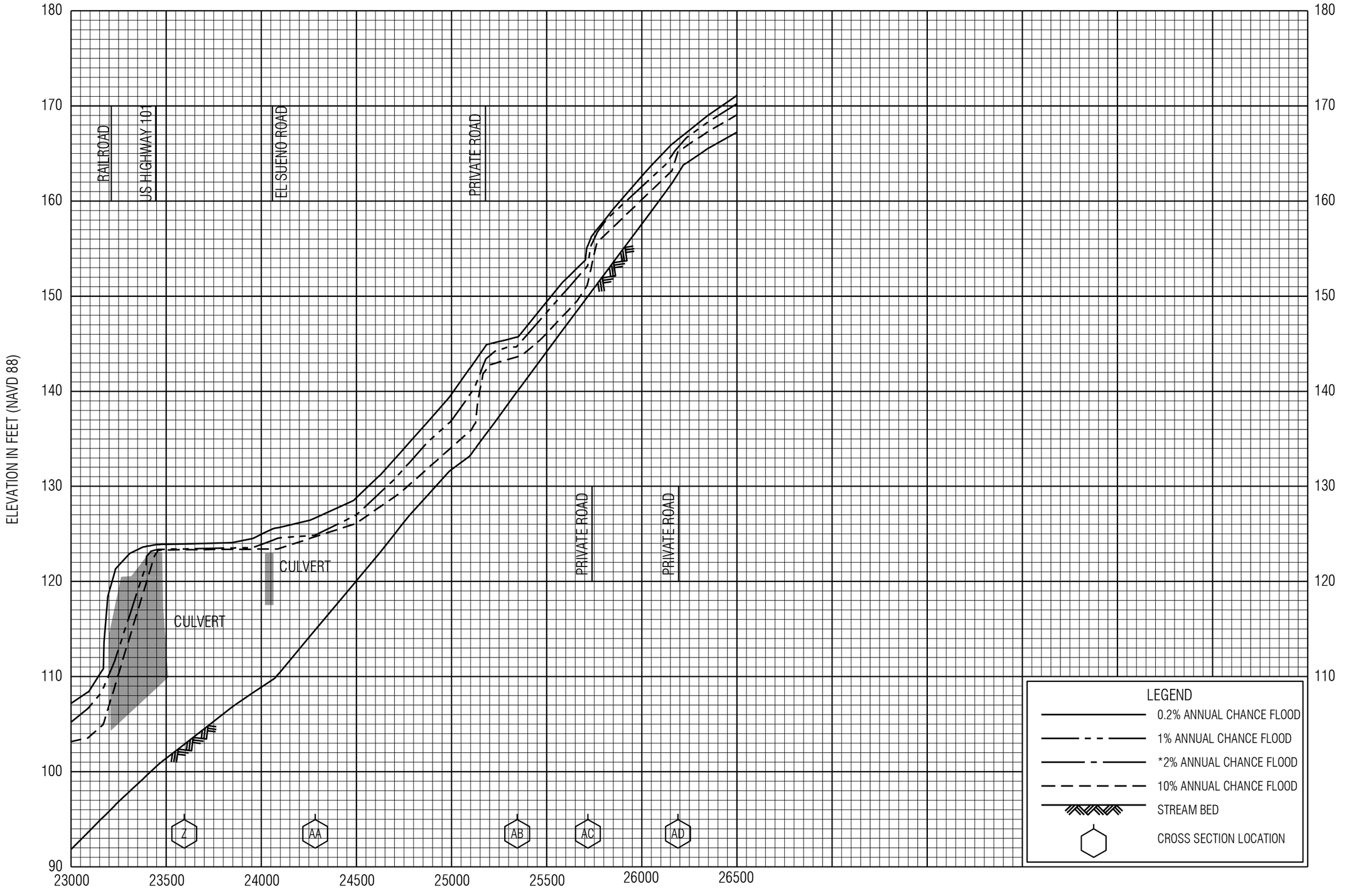
ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

048P



FLOOD PROFILES

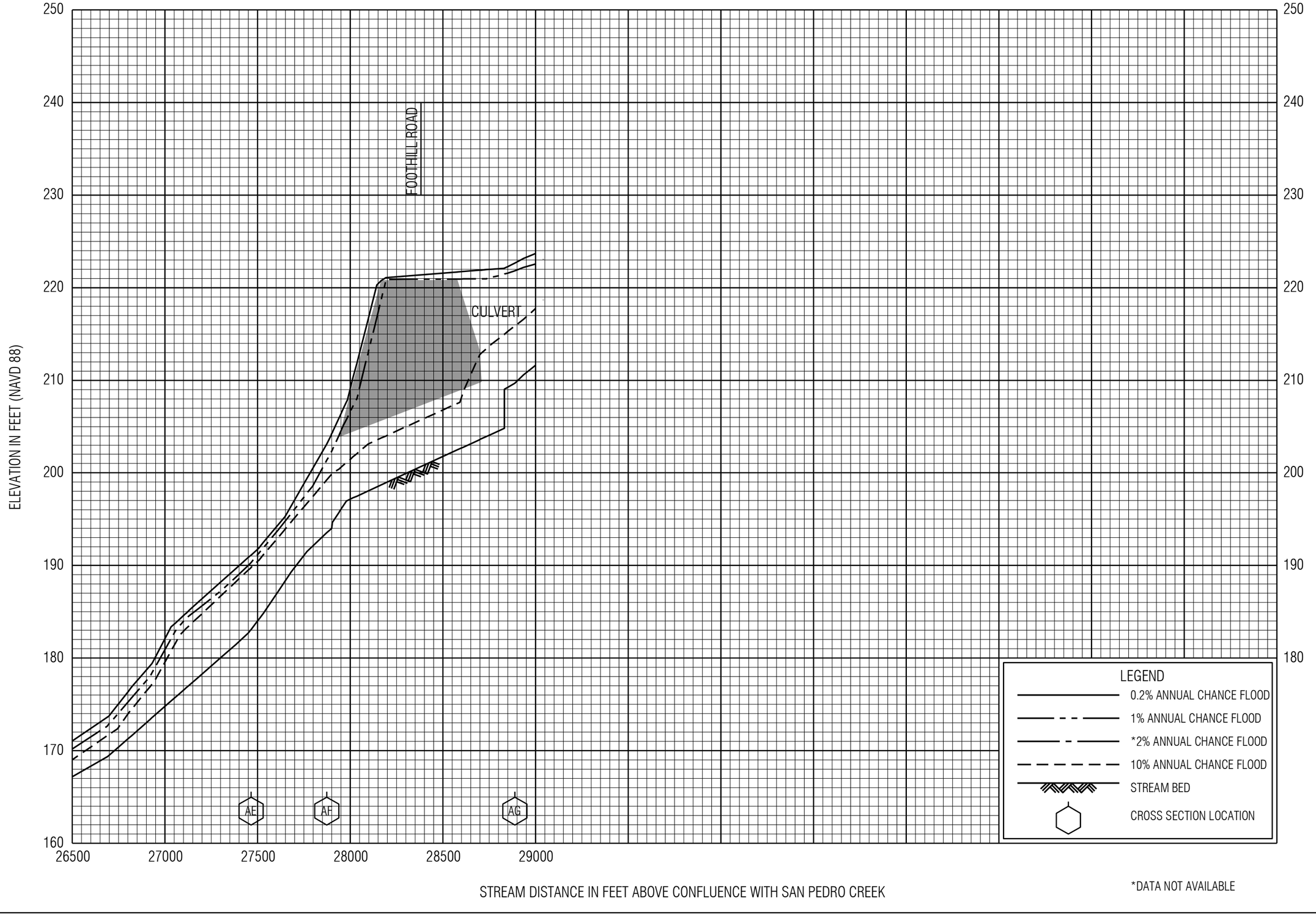
ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

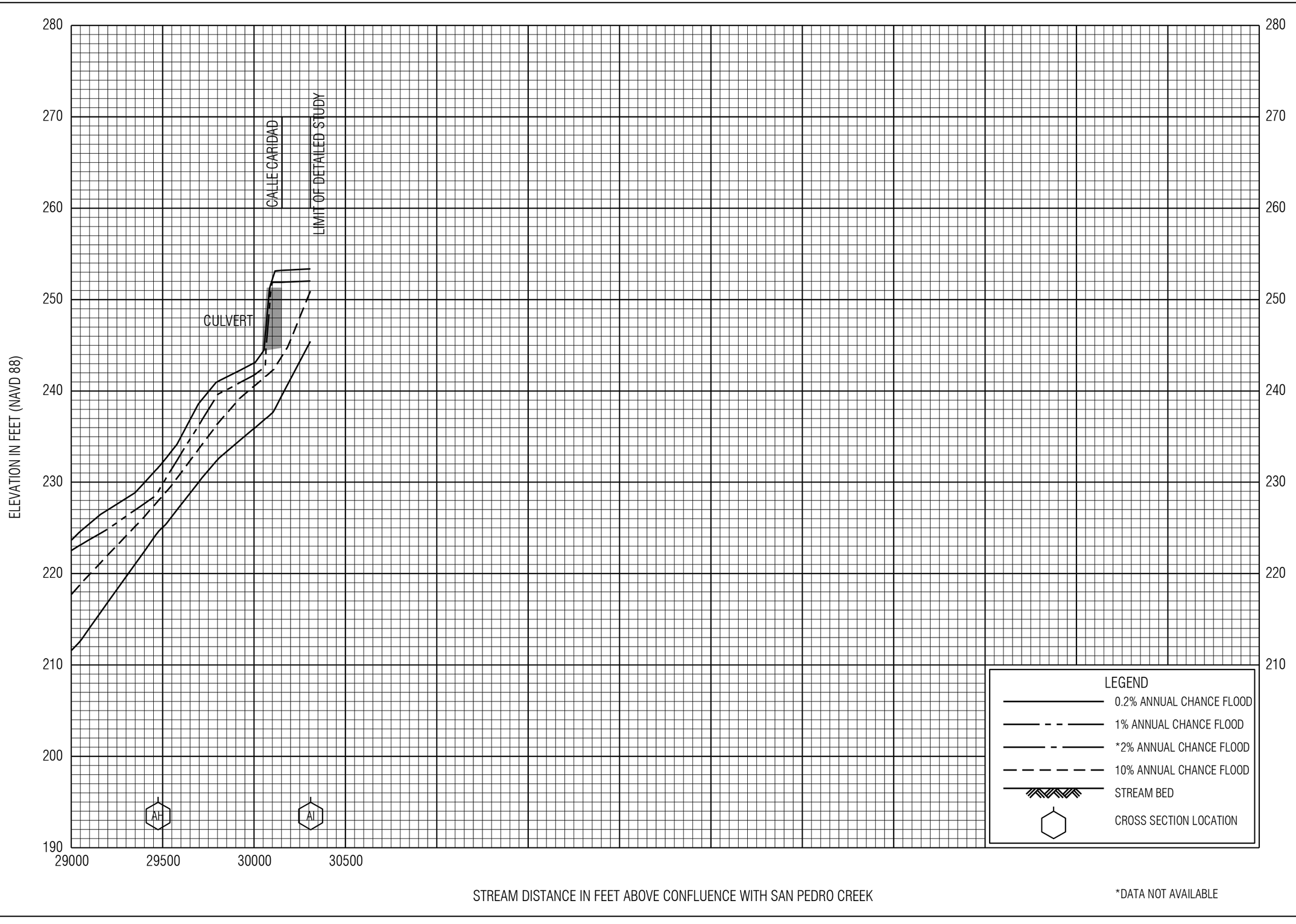
049P



FLOOD PROFILES

ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

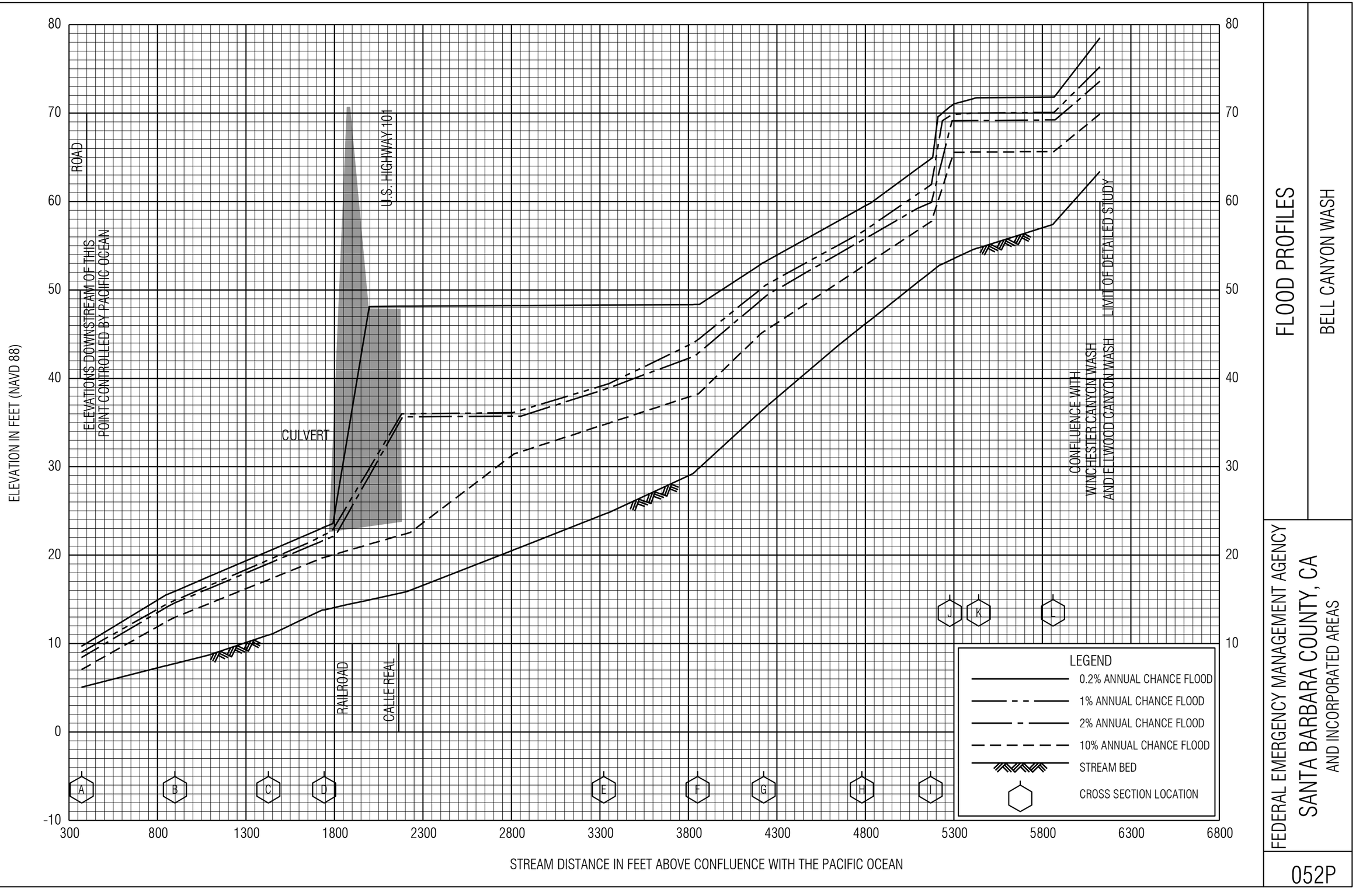
ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

051P



FLOOD PROFILES

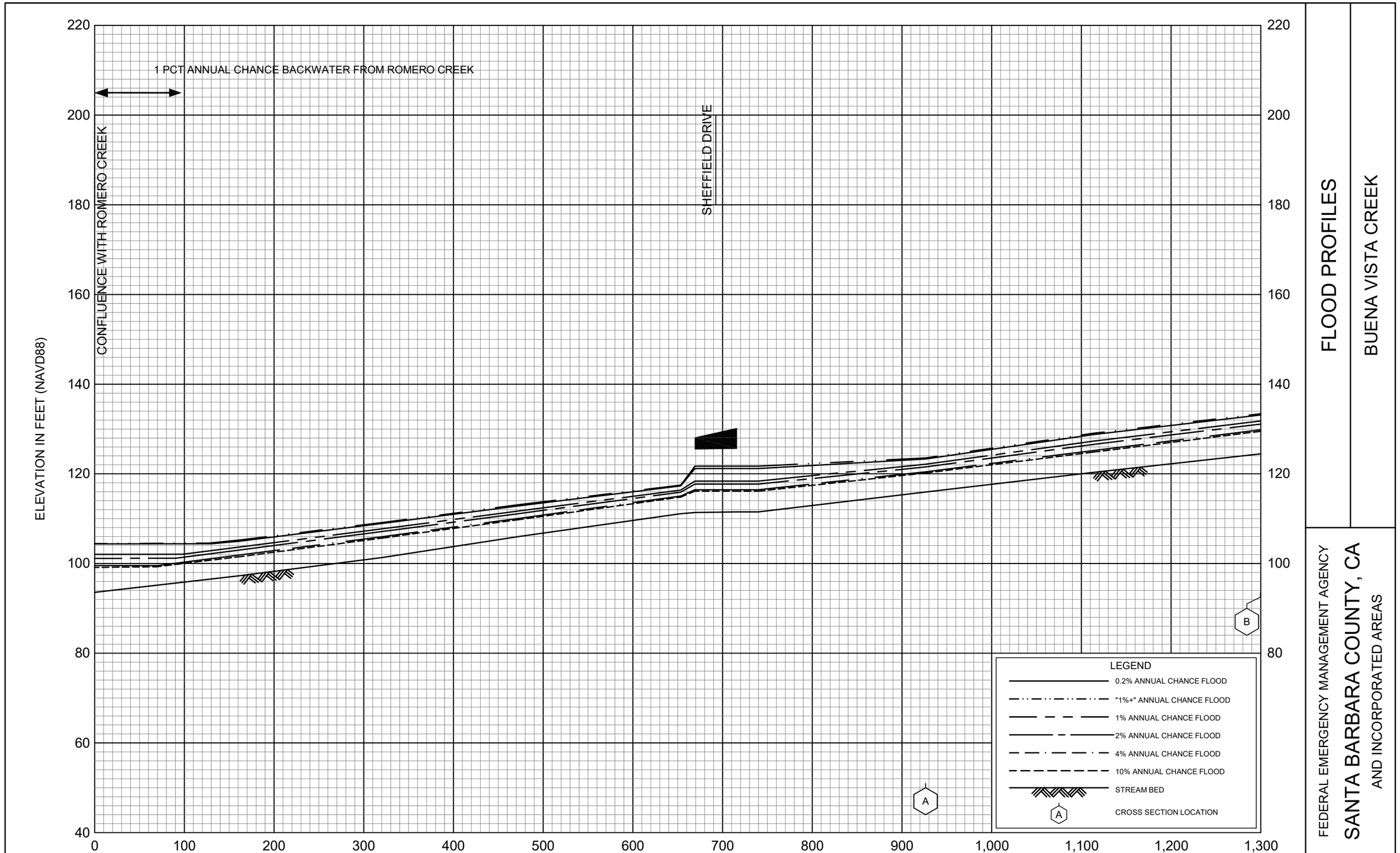
BELL CANYON WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

052P



FLOOD PROFILES

BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

053P

ELEVATION IN FEET (NAVD88)

260
240
220
200
180
160
140
120
100
80

1,300 1,400 1,500 1,600 1,700 1,800 1,900 2,000 2,100 2,200 2,300 2,400 2,500 2,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ROMERO CREEK

C

D

LEGEND

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

FLOOD PROFILES

BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)

300
280
260
240
220
200
180
160
140
120

2,600 2,700 2,800 2,900 3,000 3,100 3,200 3,300 3,400 3,500 3,600 3,700 3,800 3,900

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ROMERO CREEK

E

F

LEGEND

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

FLOOD PROFILES

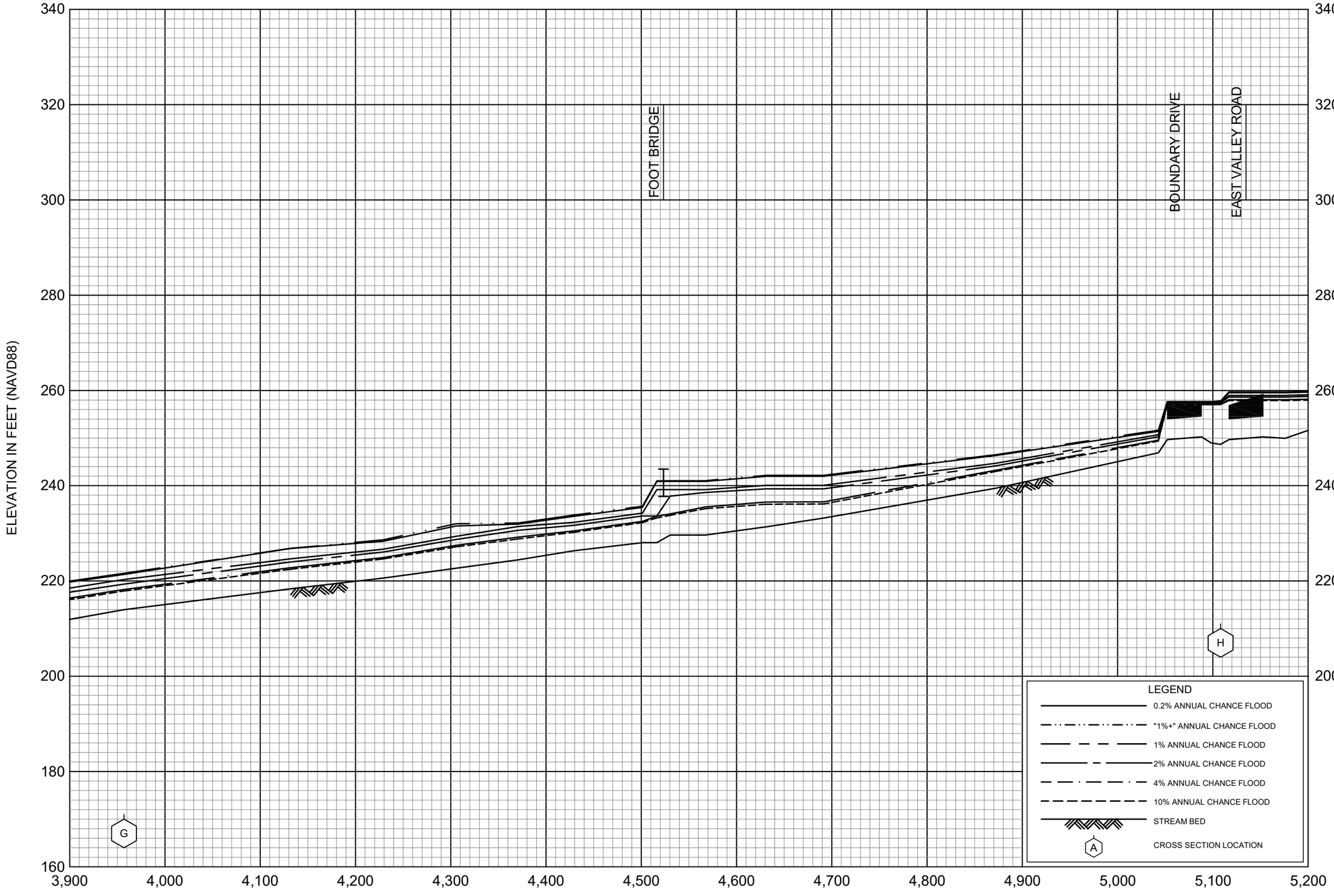
BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

055P



FLOOD PROFILES

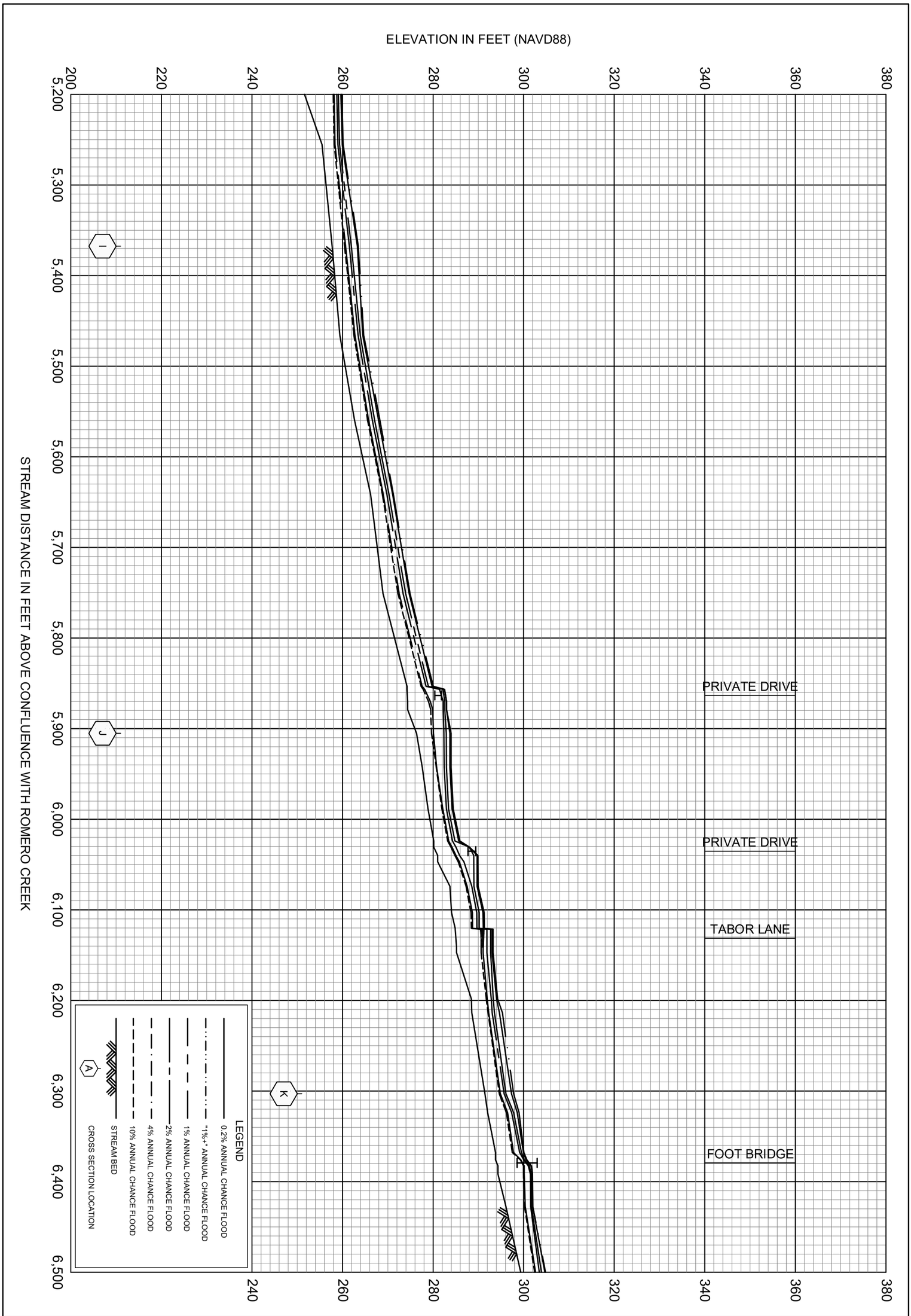
BUENA VISTA CREEK AND BUENA VISTA CREEK EAST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

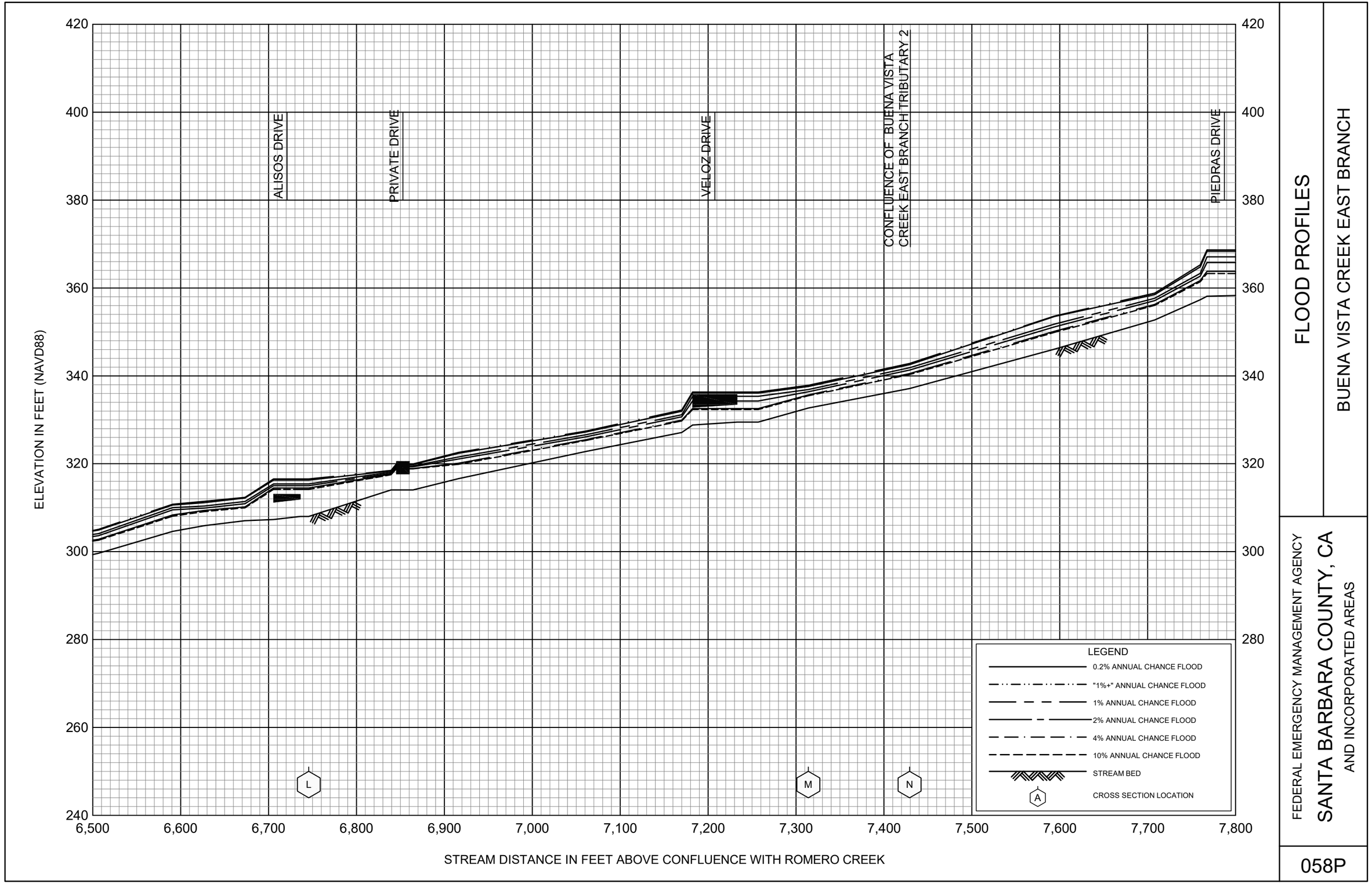
SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

056P



057P	FEDERAL EMERGENCY MANAGEMENT AGENCY SANTA BARBARA COUNTY, CA AND INCORPORATED AREAS	FLOOD PROFILES BUENA VISTA CREEK EAST BRANCH



FLOOD PROFILES

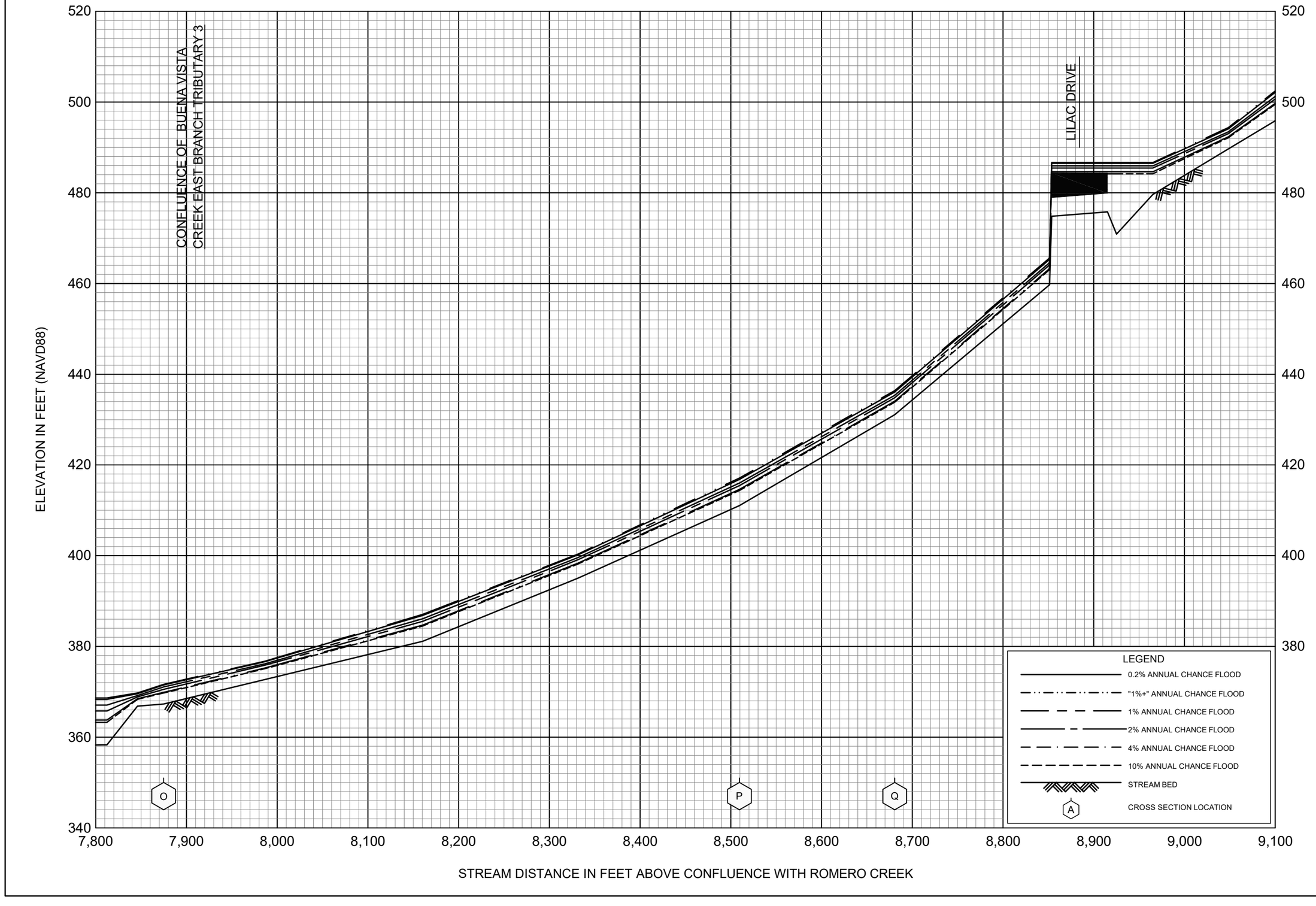
BUENA VISTA CREEK EAST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

058P



FLOOD PROFILES

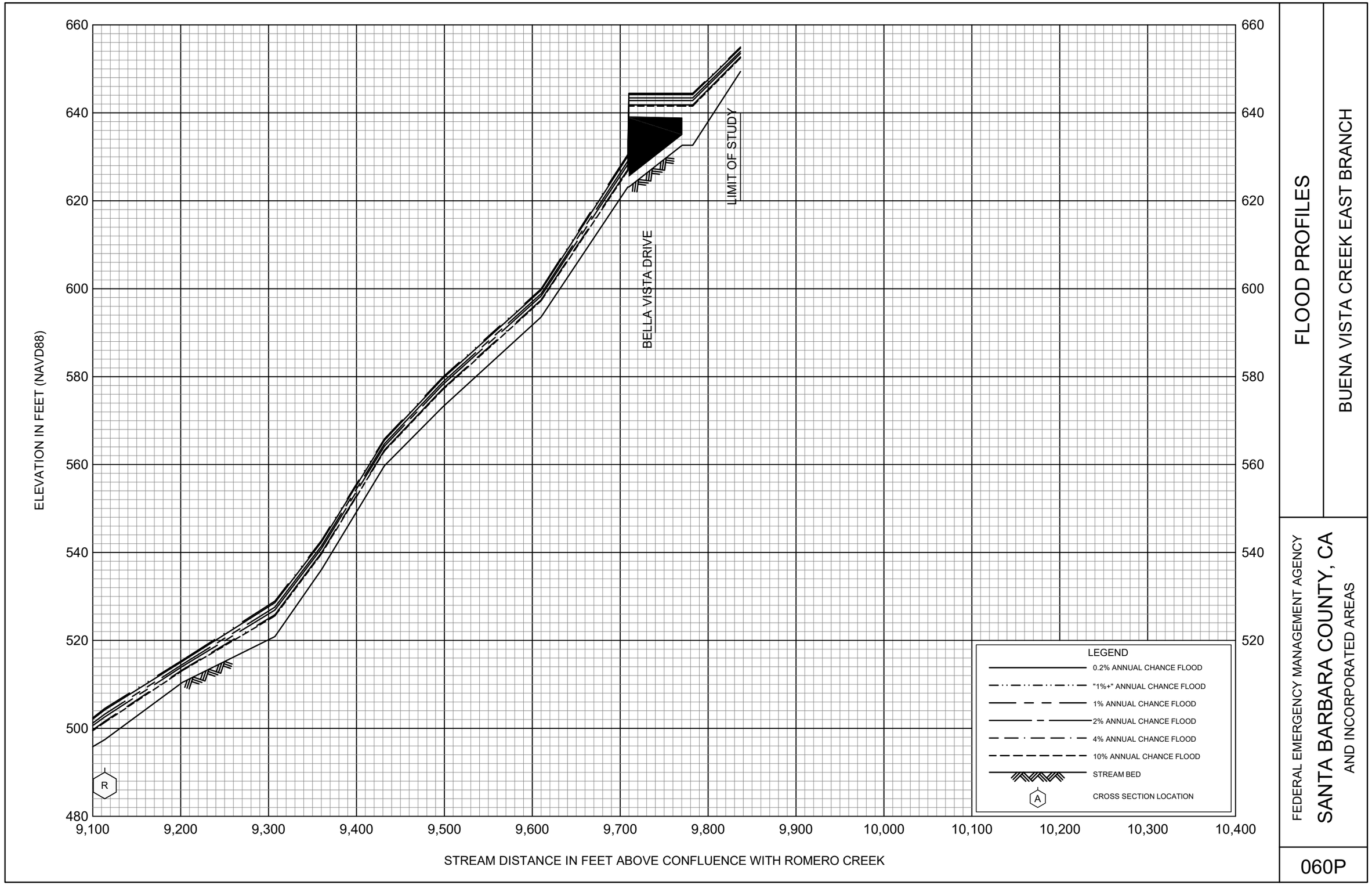
BUENA VISTA CREEK EAST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

059P



FLOOD PROFILES

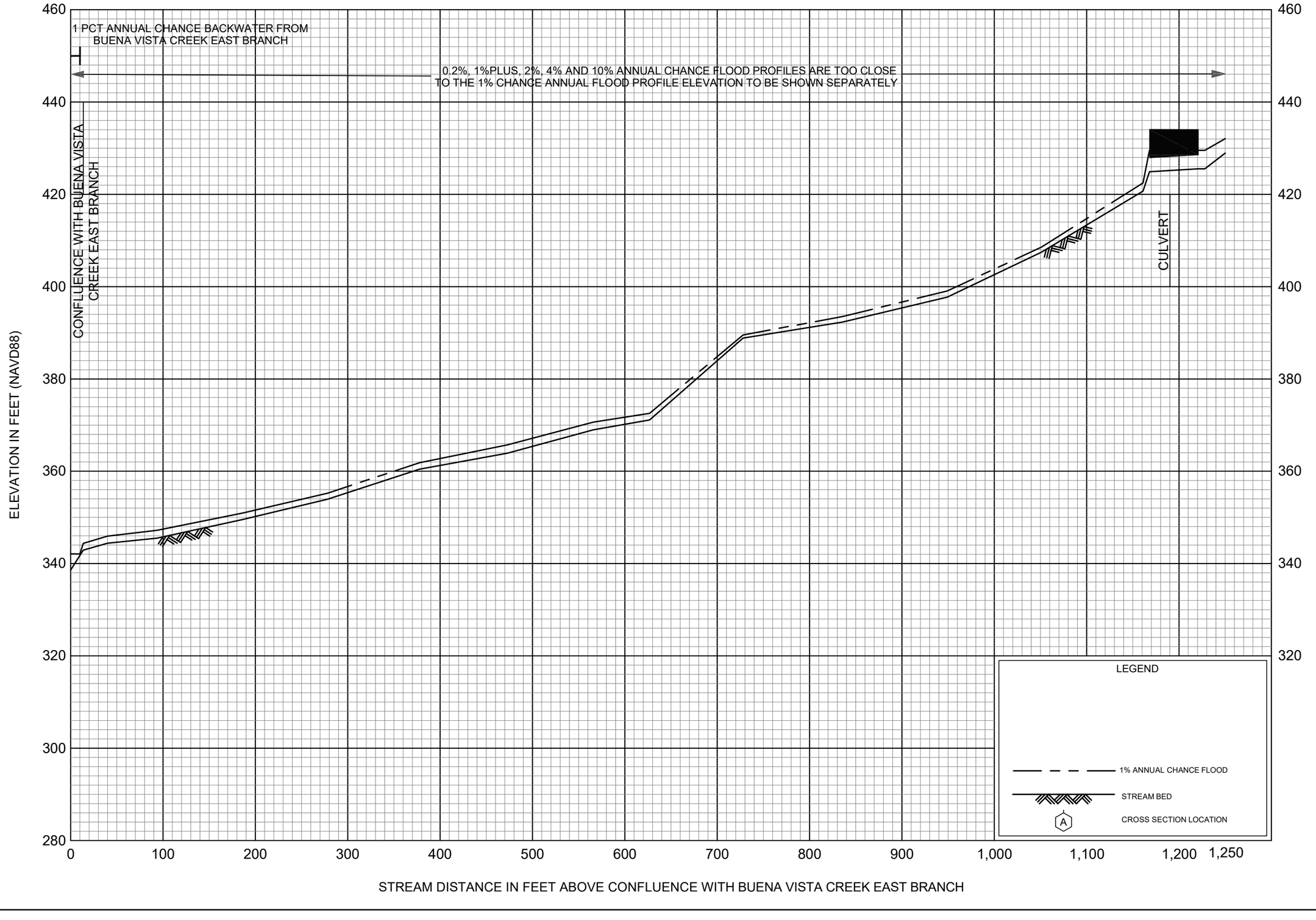
BUENA VISTA CREEK EAST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

060P



FLOOD PROFILES

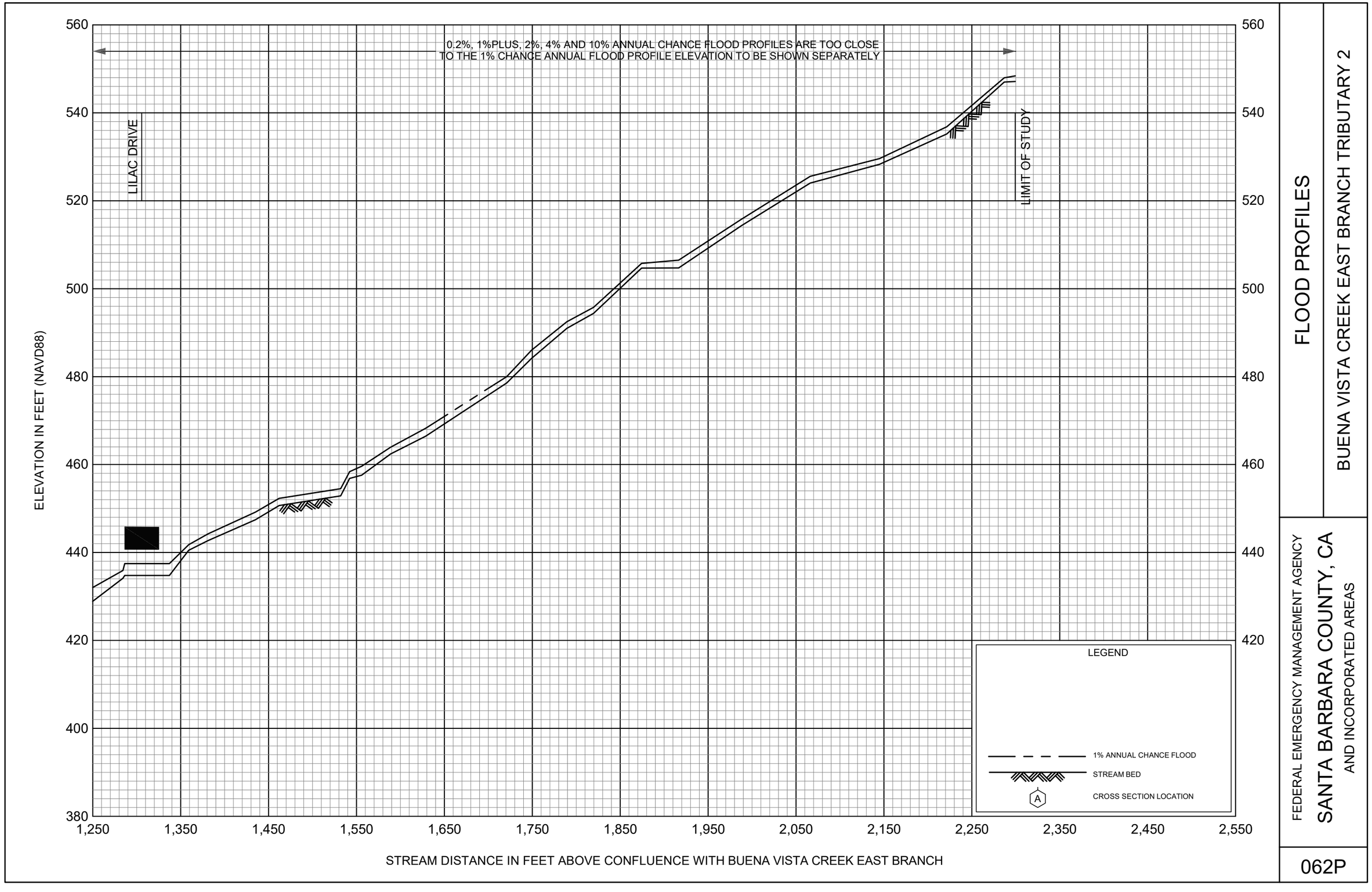
BUENA VISTA CREEK EAST BRANCH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

061P



FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

062P

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 5 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation; Not an NFIP Community

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV005E
Version Number 2.3.3.3

FEMA

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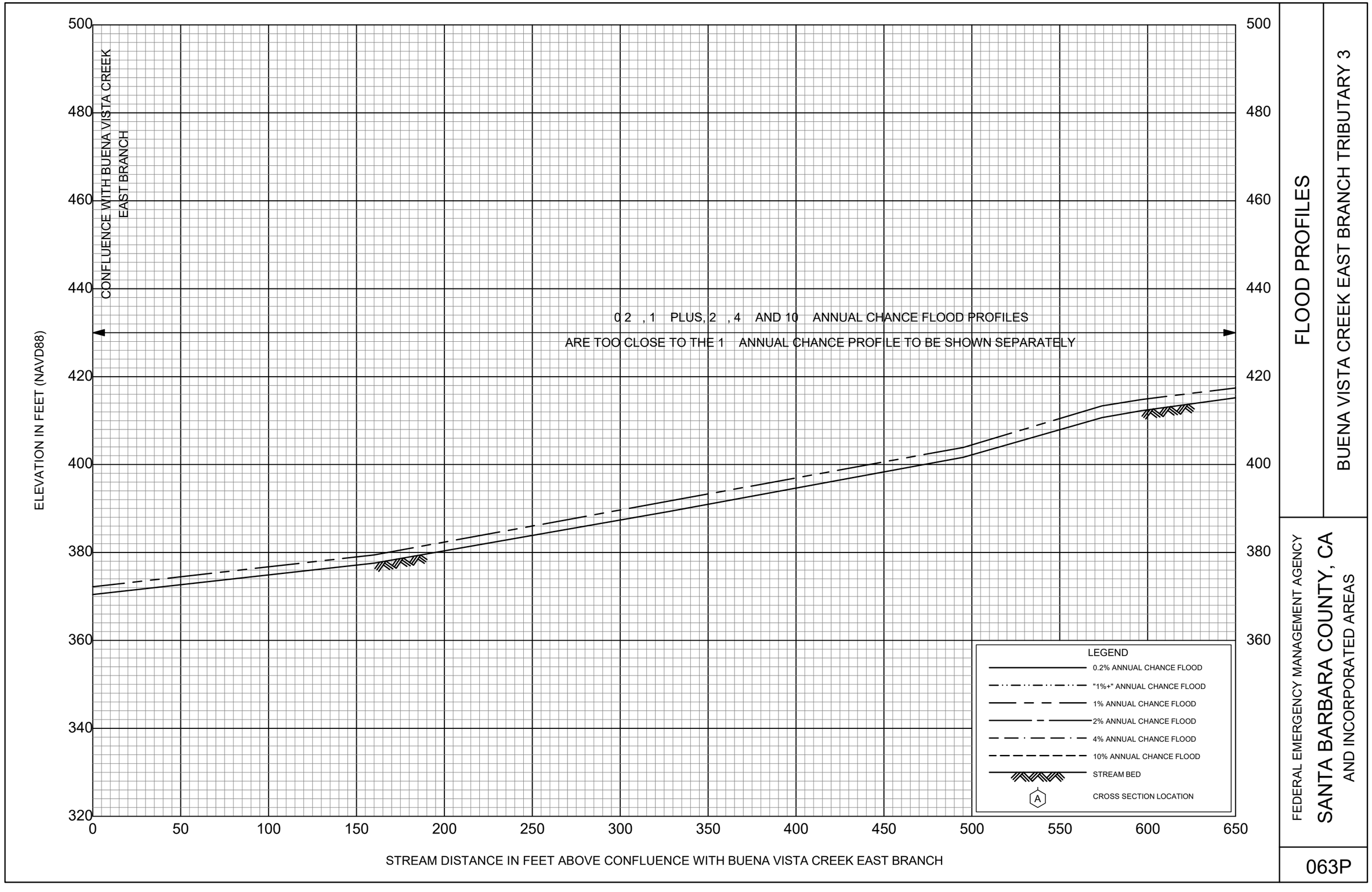


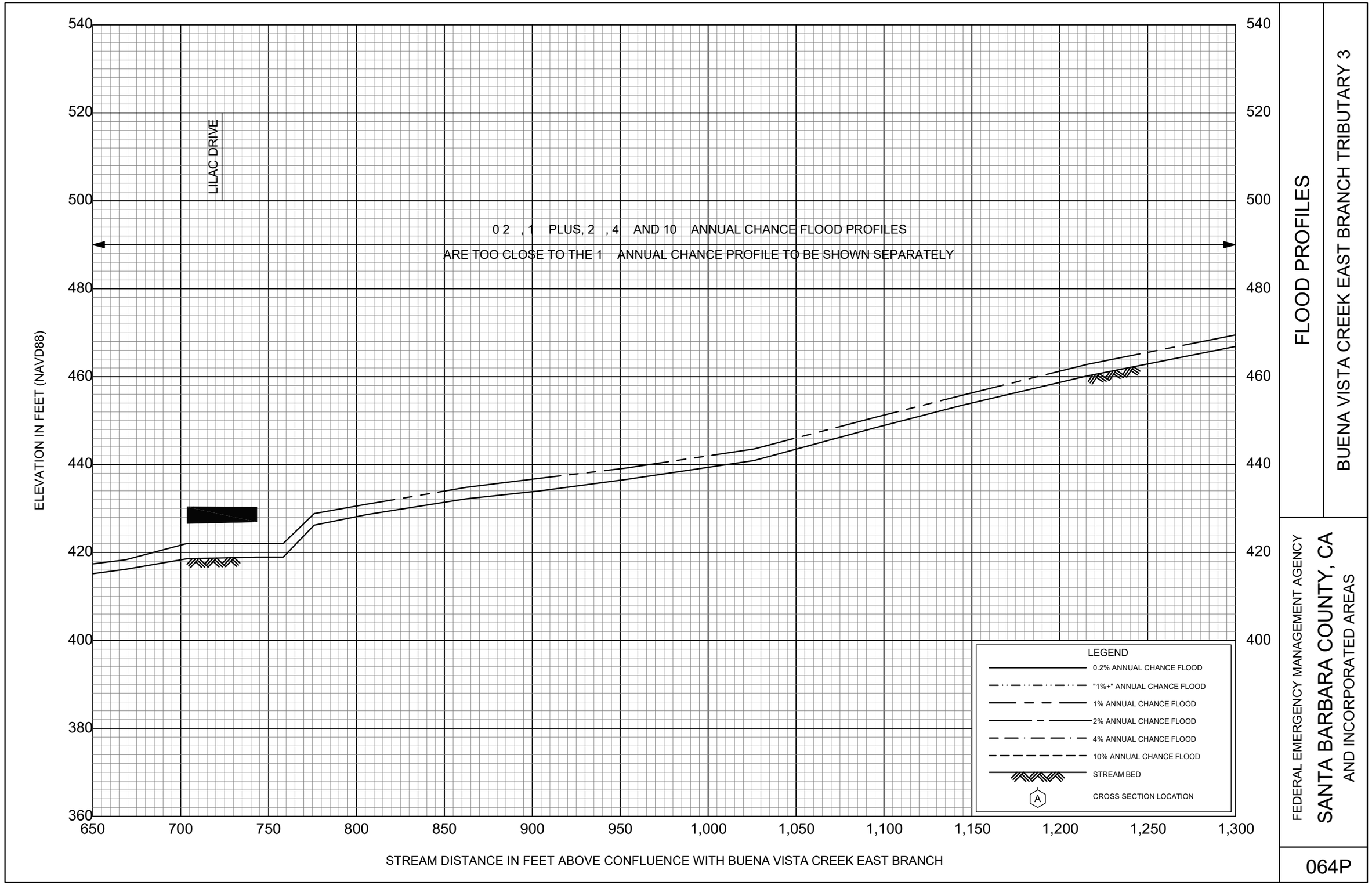
FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

063P



FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

064P

ELEVATION IN FEET (NAVD88)

600
580
560
540
520
500
480
460
440
420

1,300 1,350 1,400 1,450 1,500 1,550 1,600 1,650 1,700 1,750 1,800 1,850 1,900 1,950

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BUENA VISTA CREEK EAST BRANCH

0 2 , 1 PLUS, 2 , 4 AND 10 ANNUAL CHANCE FLOOD PROFILES
ARE TOO CLOSE TO THE 1 ANNUAL CHANCE PROFILE TO BE SHOWN SEPARATELY

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

FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

065P

0 2 , 1 PLUS, 2 , 4 AND 10 ANNUAL CHANCE FLOOD PROFILES
ARE TOO CLOSE TO THE 1 ANNUAL CHANCE PROFILE TO BE SHOWN SEPARATELY

ELEVATION IN FEET (NAVD88)

660
640
620
600
580
560
540
520
500
480

1,950 2,000 2,050 2,100 2,150 2,200 2,250 2,300 2,350 2,400 2,450 2,500 2,550 2,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BUENA VISTA CREEK EAST BRANCH

BELLA VISTA DRIVE

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

FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

066P

0 2 , 1 PLUS, 2 , 4 AND 10 ANNUAL CHANCE FLOOD PROFILES
ARE TOO CLOSE TO THE 1 ANNUAL CHANCE PROFILE TO BE SHOWN SEPARATELY

ELEVATION IN FEET (NAVD88)

760
740
720
700
680
660
640
620
600
580

2,600 2,650 2,700 2,750 2,800 2,850 2,900 2,950 3,000 3,050 3,100 3,150 3,200 3,250

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BUENA VISTA CREEK EAST BRANCH

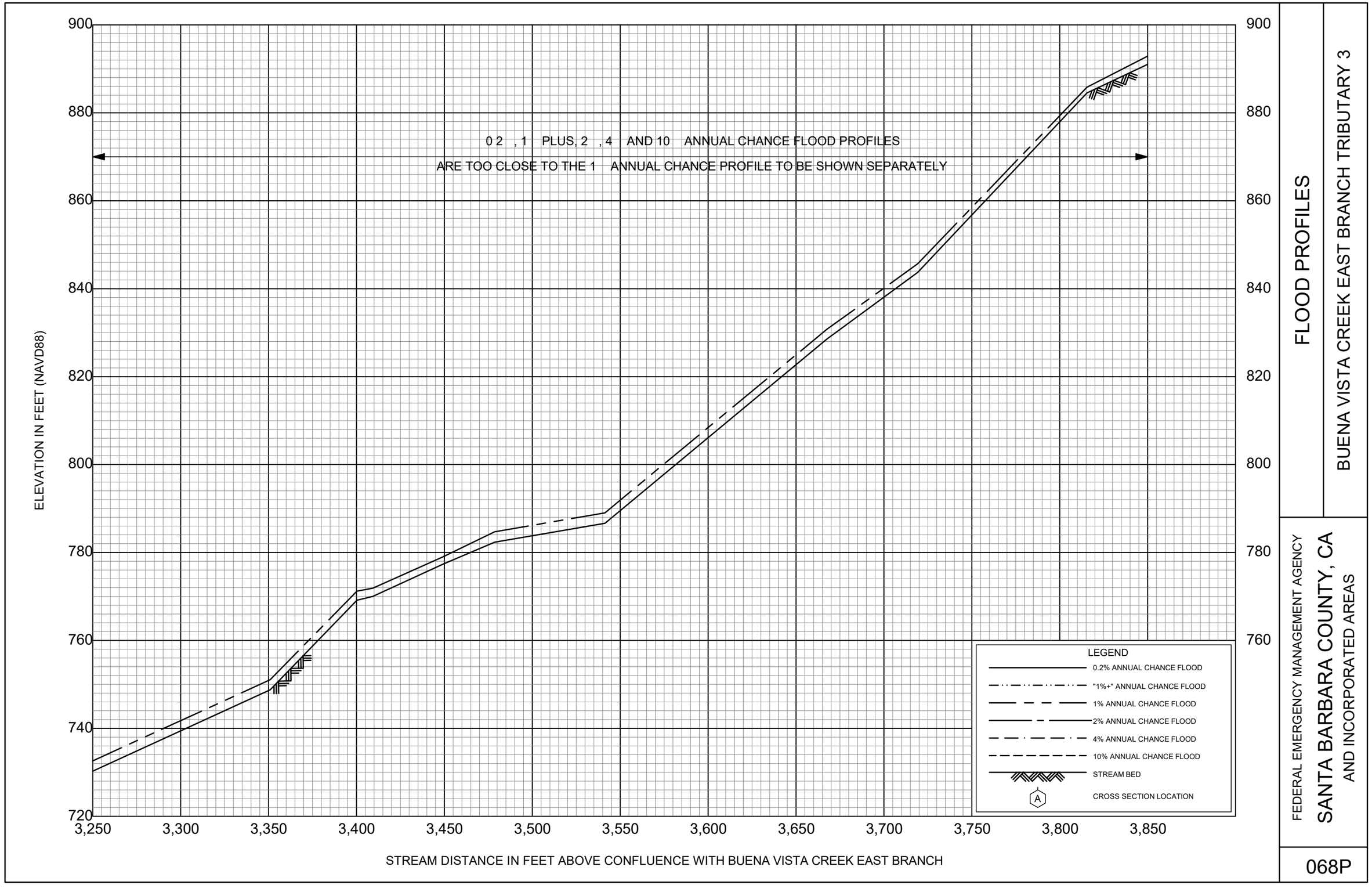
LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- "1%+" ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 4% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- (A) CROSS SECTION LOCATION

FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

067P



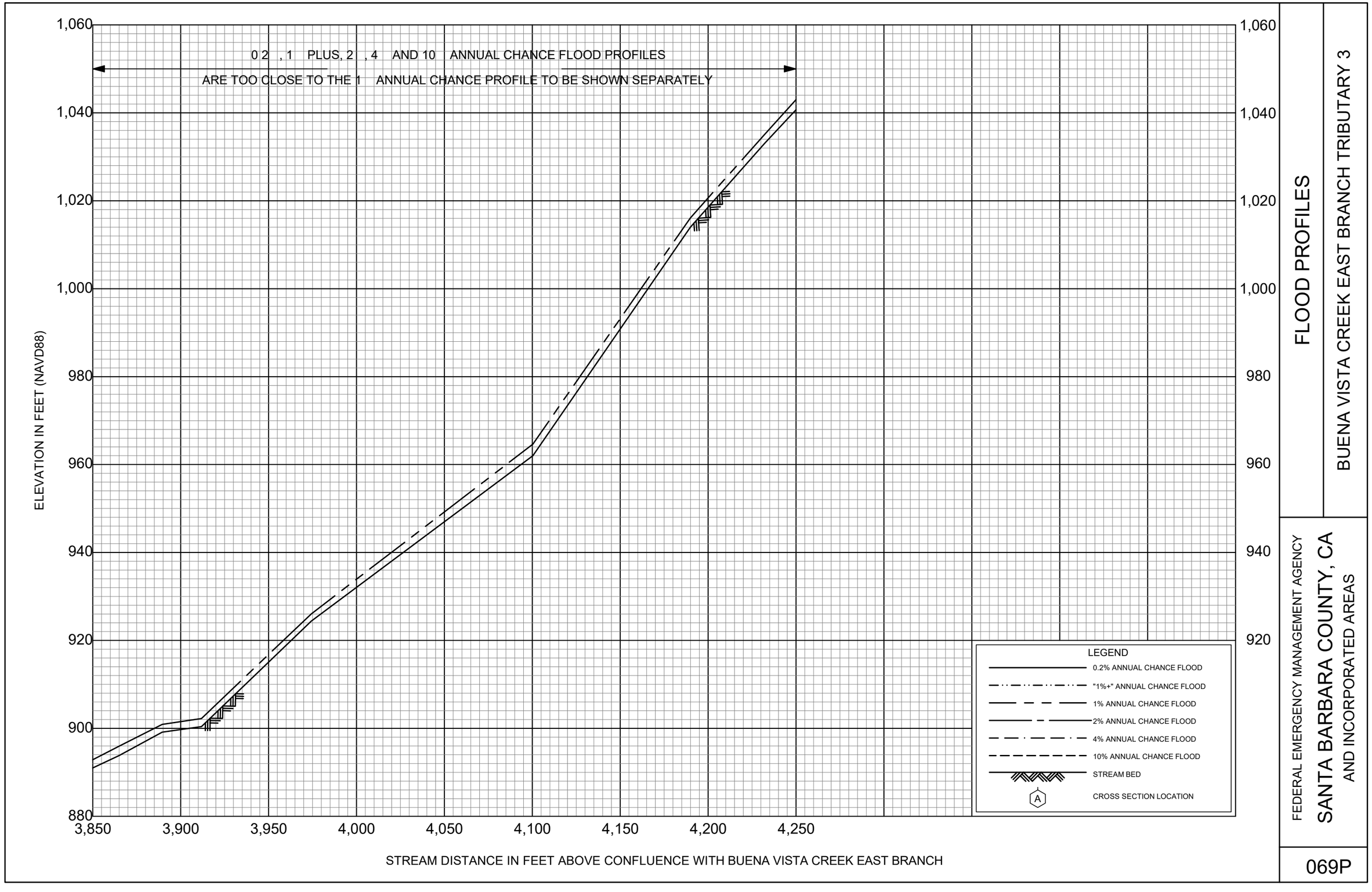
FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

068P



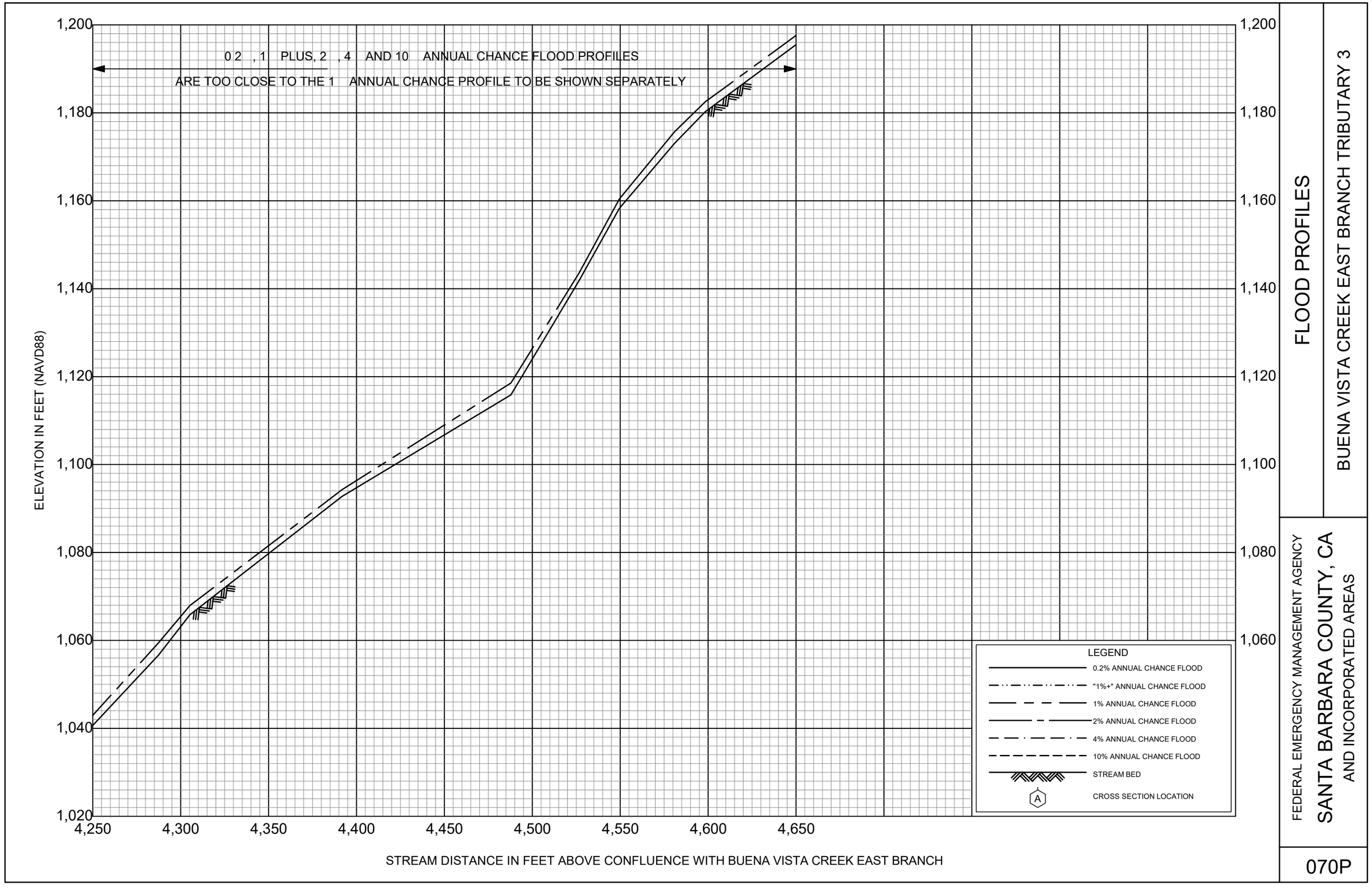
FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

069P



FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

070P

0 2 , 1 PLUS, 2 , 4 AND 10 ANNUAL CHANCE FLOOD PROFILES
ARE TOO CLOSE TO THE 1 ANNUAL CHANCE PROFILE TO BE SHOWN SEPARATELY

LIMIT OF STUDY

ELEVATION IN FEET (NAVD88)

1,340
1,320
1,300
1,280
1,260
1,240
1,220
1,200
1,180
1,160

4,650 4,700 4,750 4,800 4,850 4,900 4,950 5,000 5,050 5,100

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BUENA VISTA CREEK EAST BRANCH

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

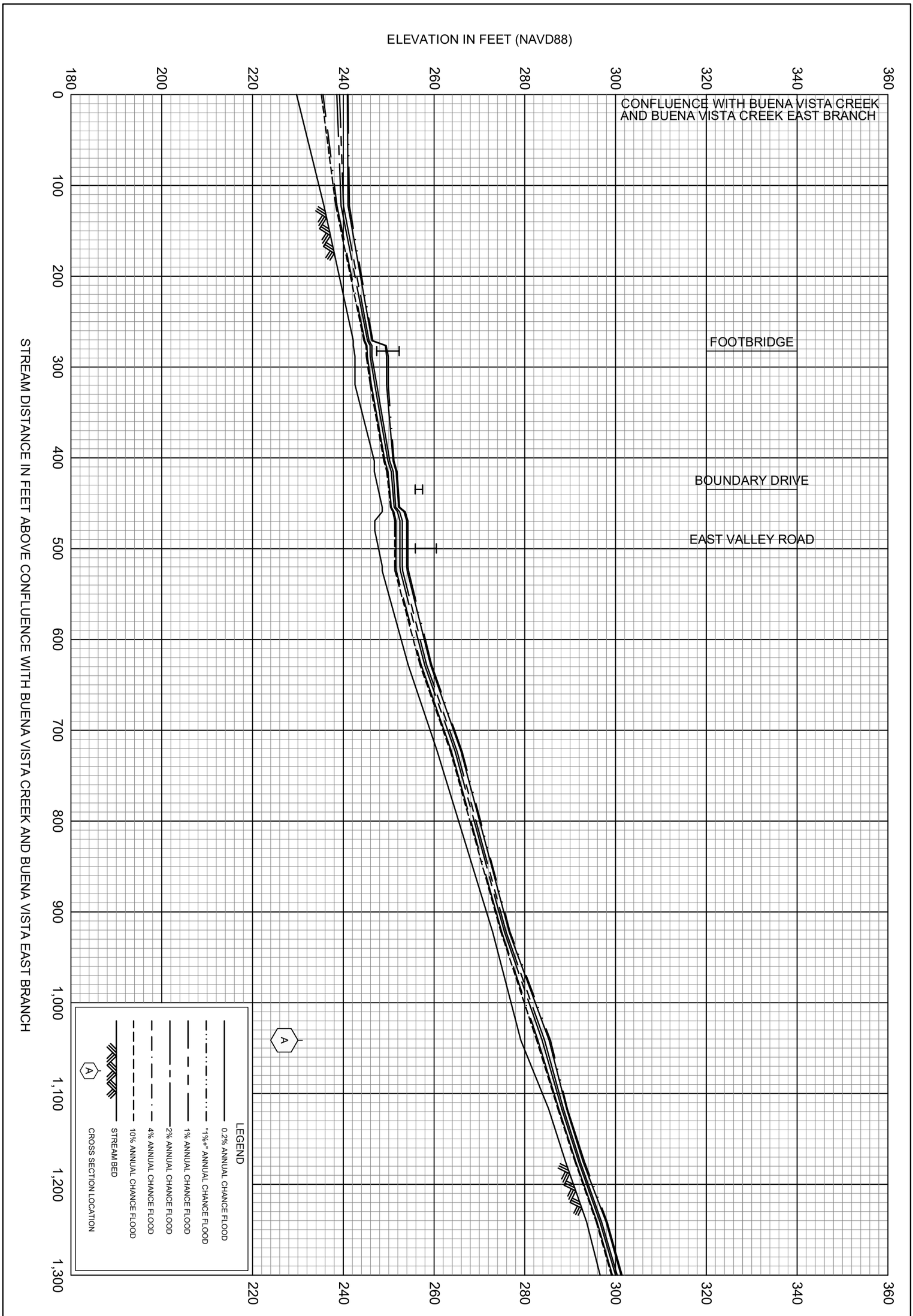
FLOOD PROFILES

BUENA VISTA CREEK EAST BRANCH TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

071P



072P

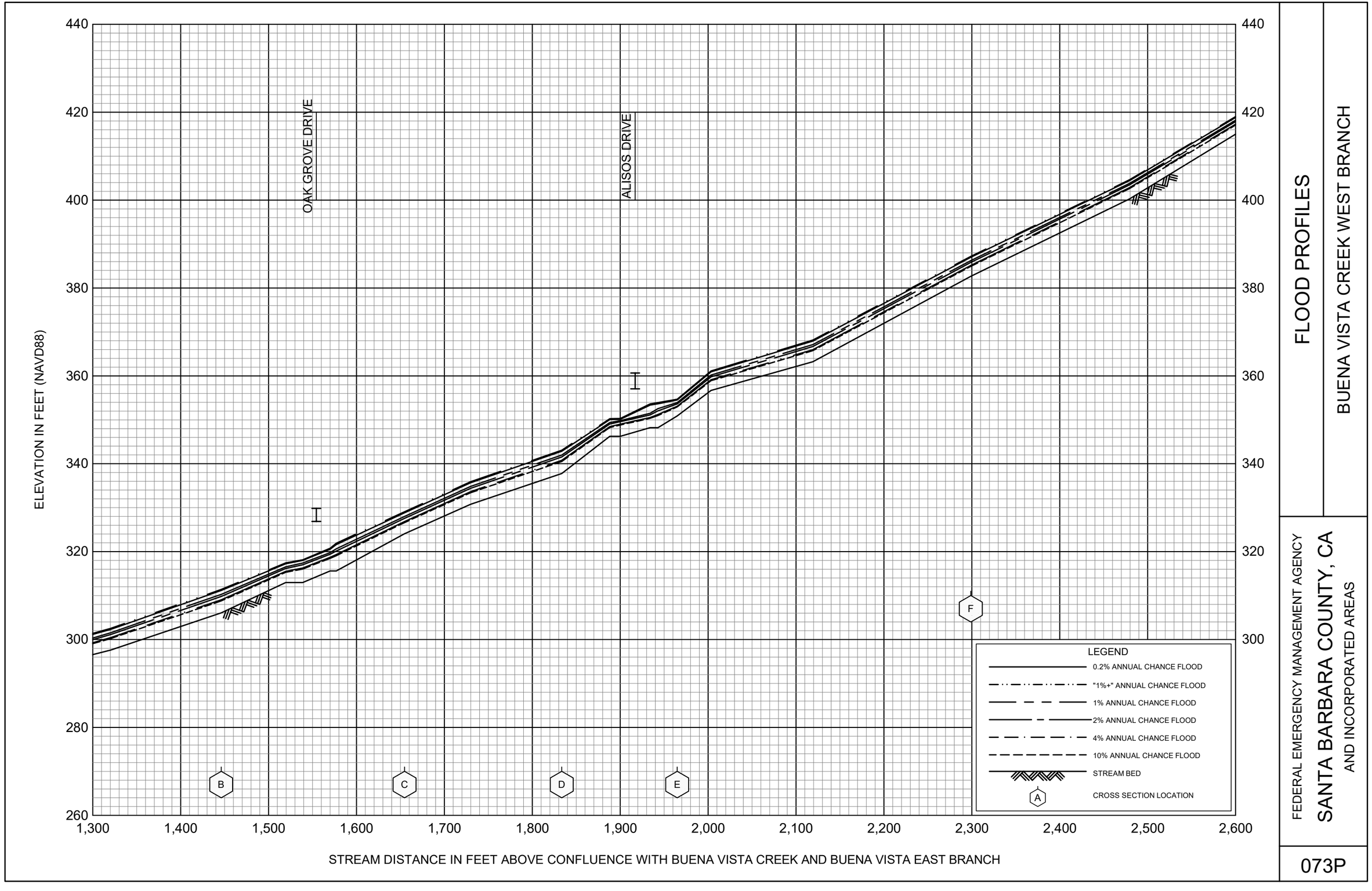
FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

BUENA VISTA CREEK WEST BRANCH



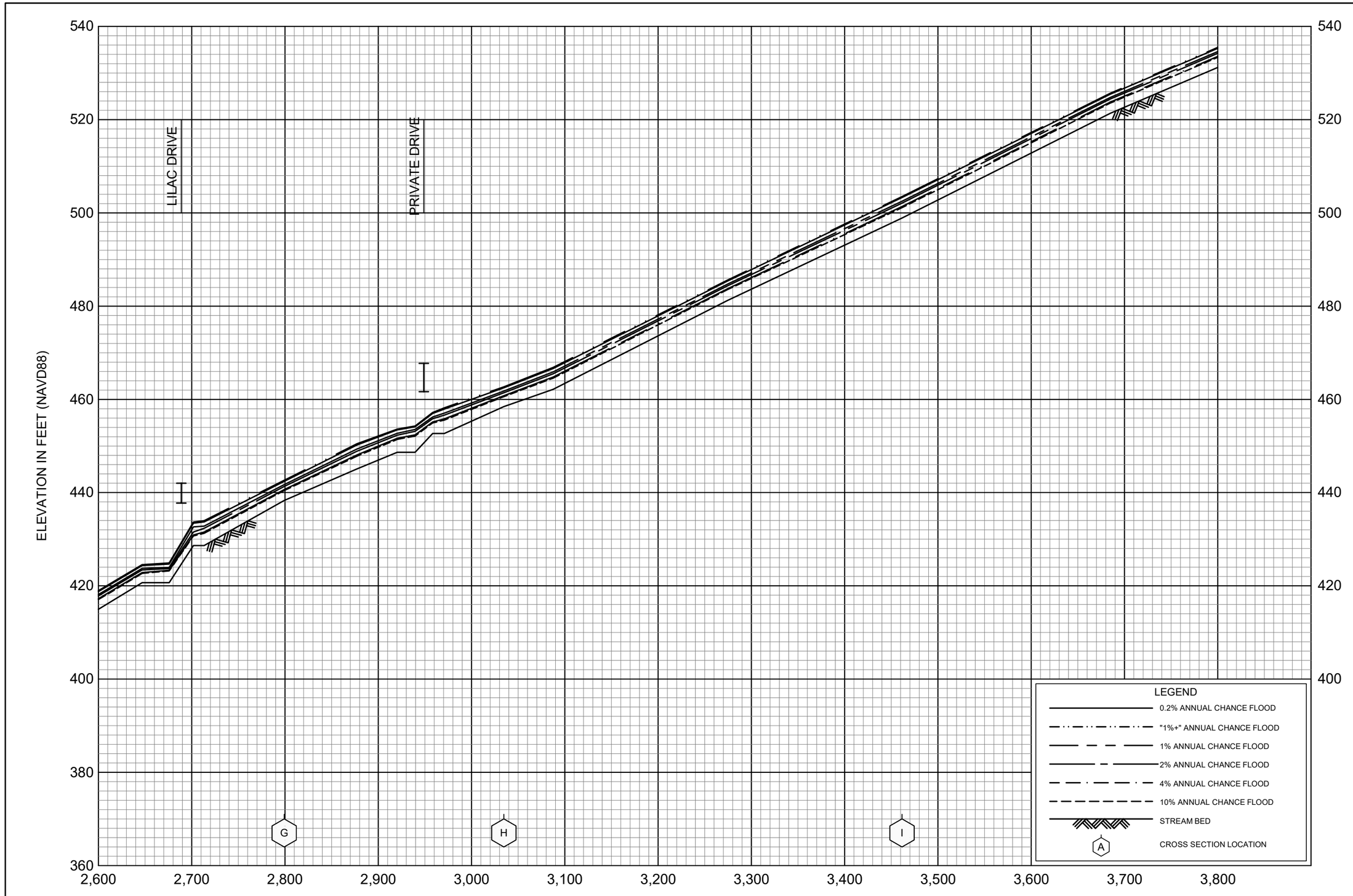
FLOOD PROFILES

BUENA VISTA CREEK WEST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

073P



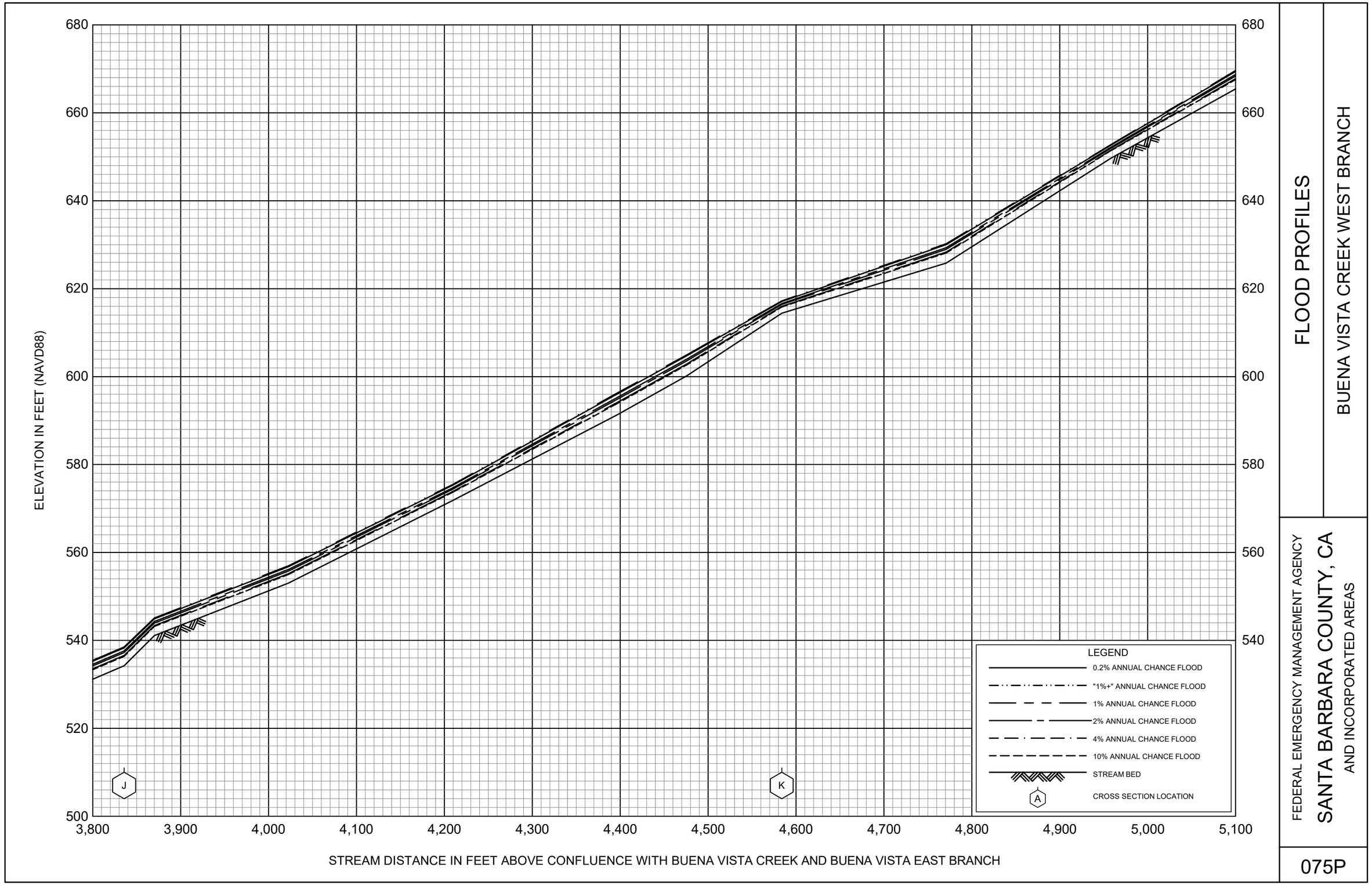
FLOOD PROFILES

BUENA VISTA CREEK WEST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

074P



FLOOD PROFILES

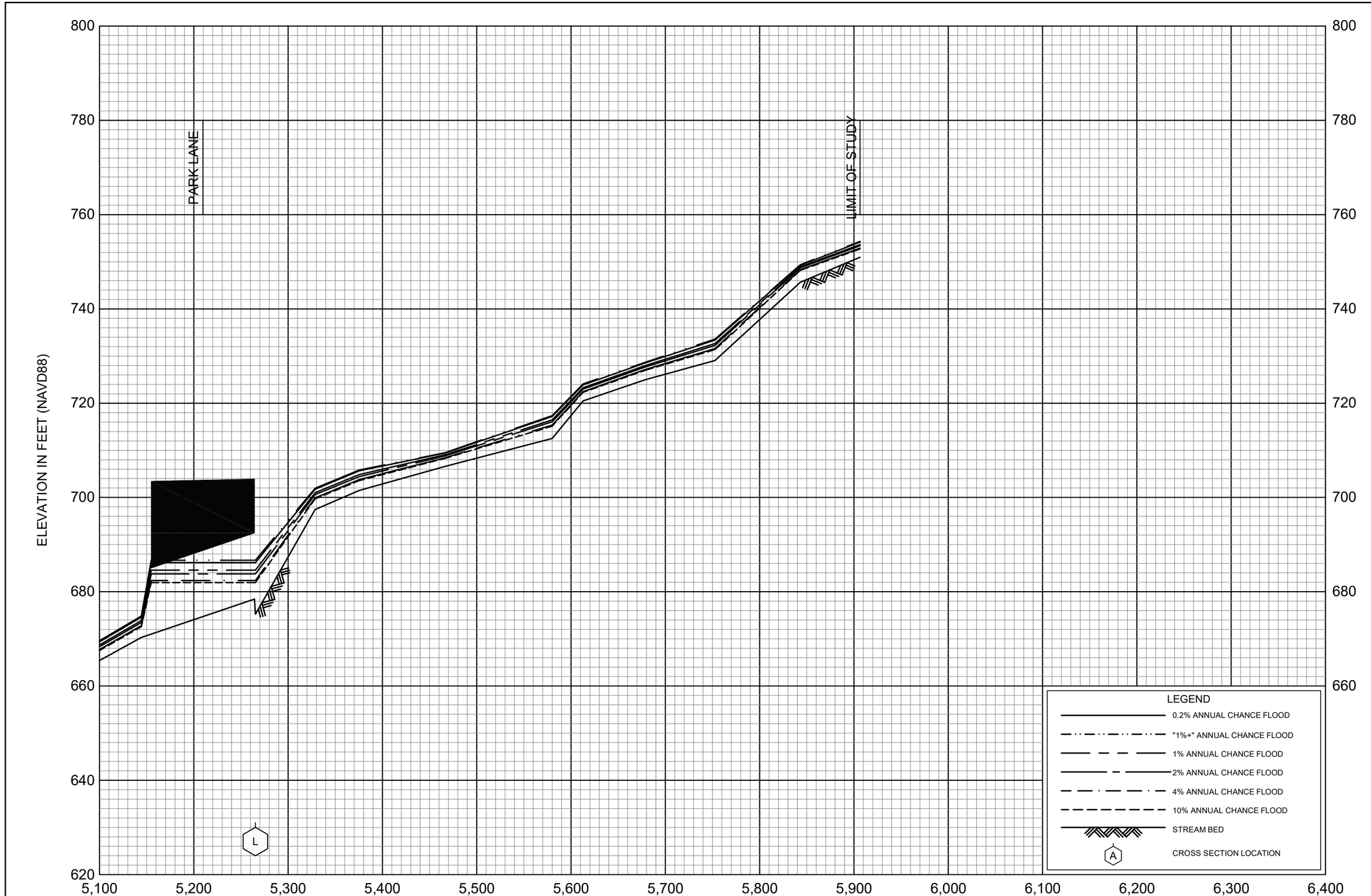
BUENA VISTA CREEK WEST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

075P



FLOOD PROFILES

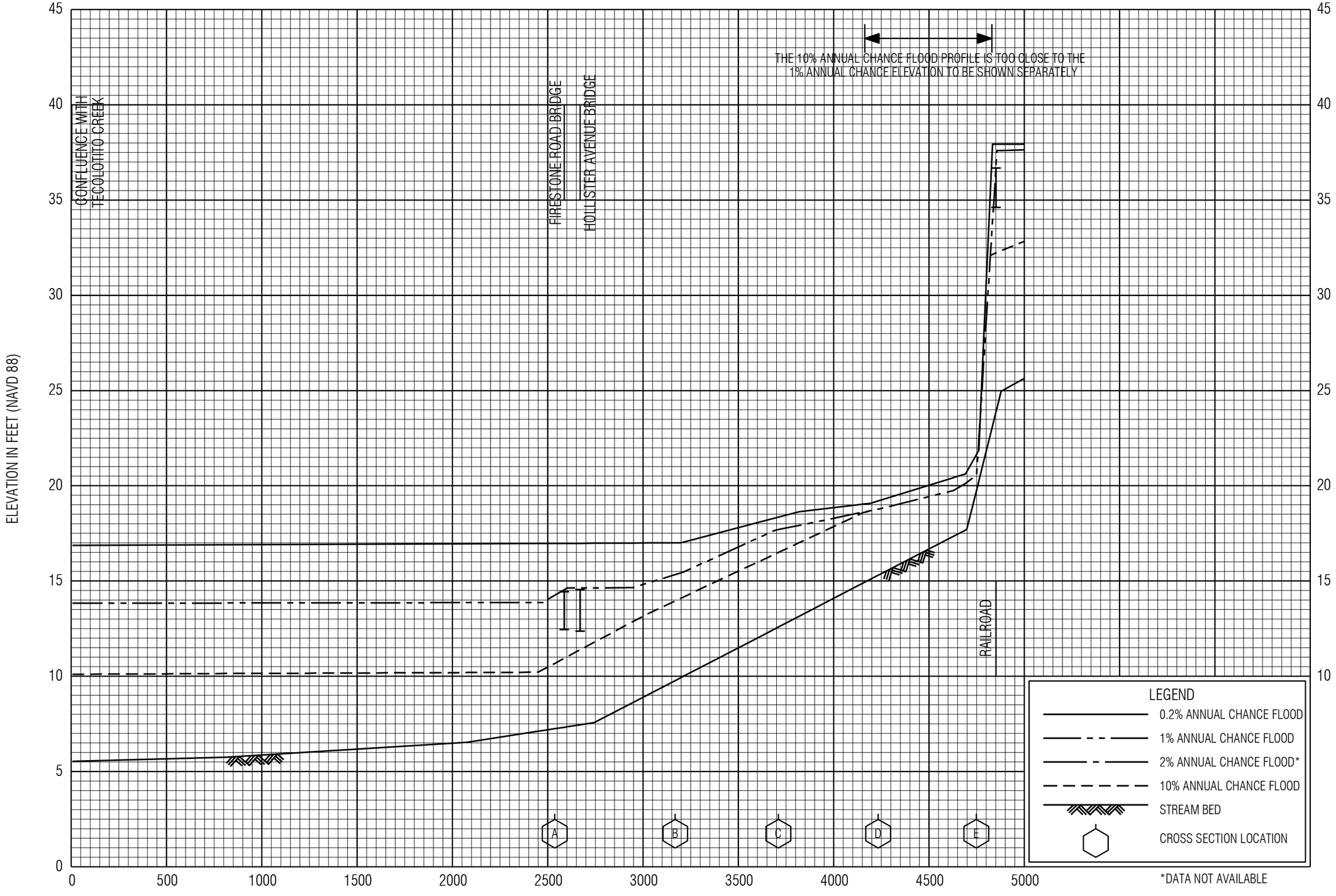
BUENA VISTA CREEK WEST BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

076P



FLOOD PROFILES

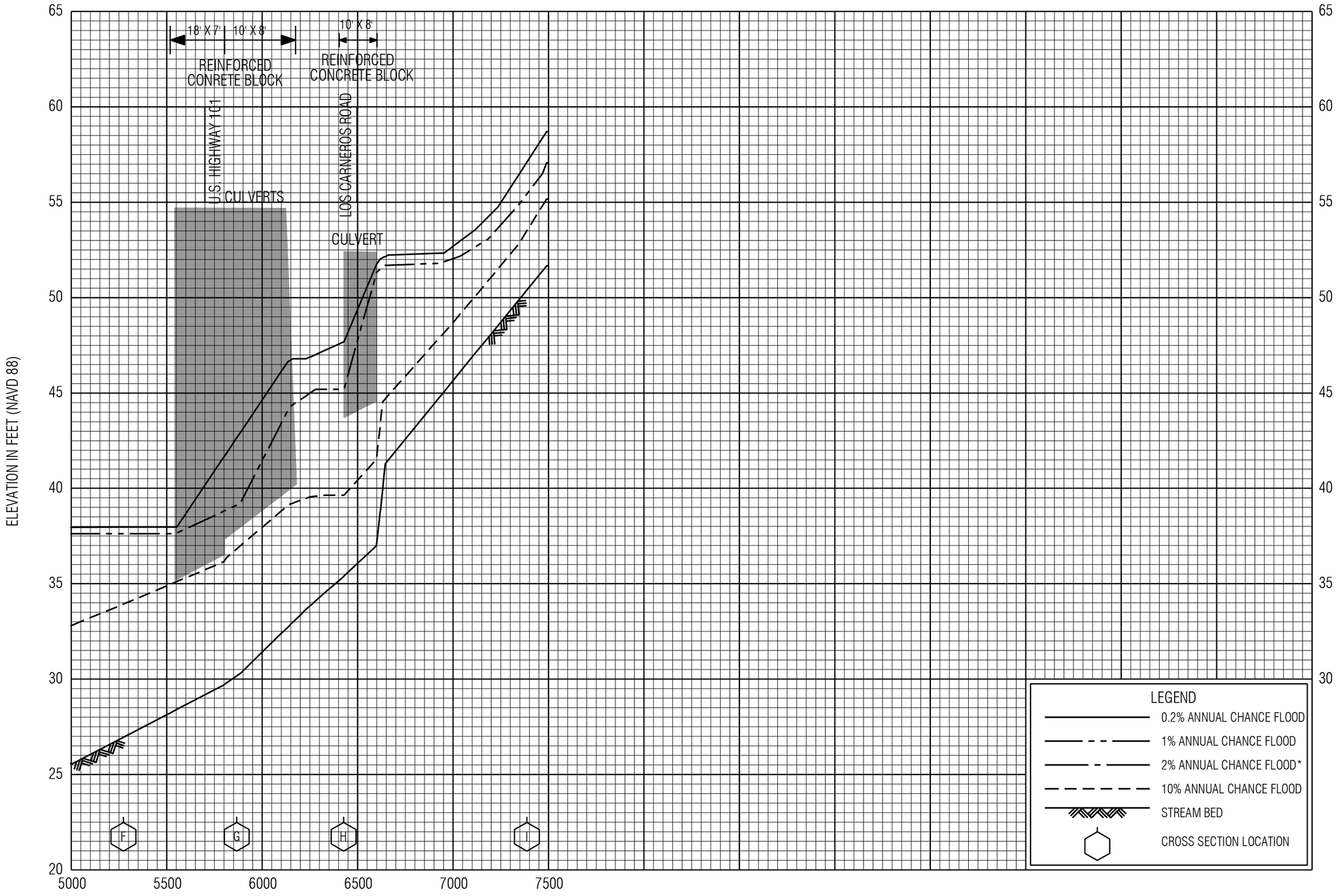
CARNEROS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

077P



FLOOD PROFILES

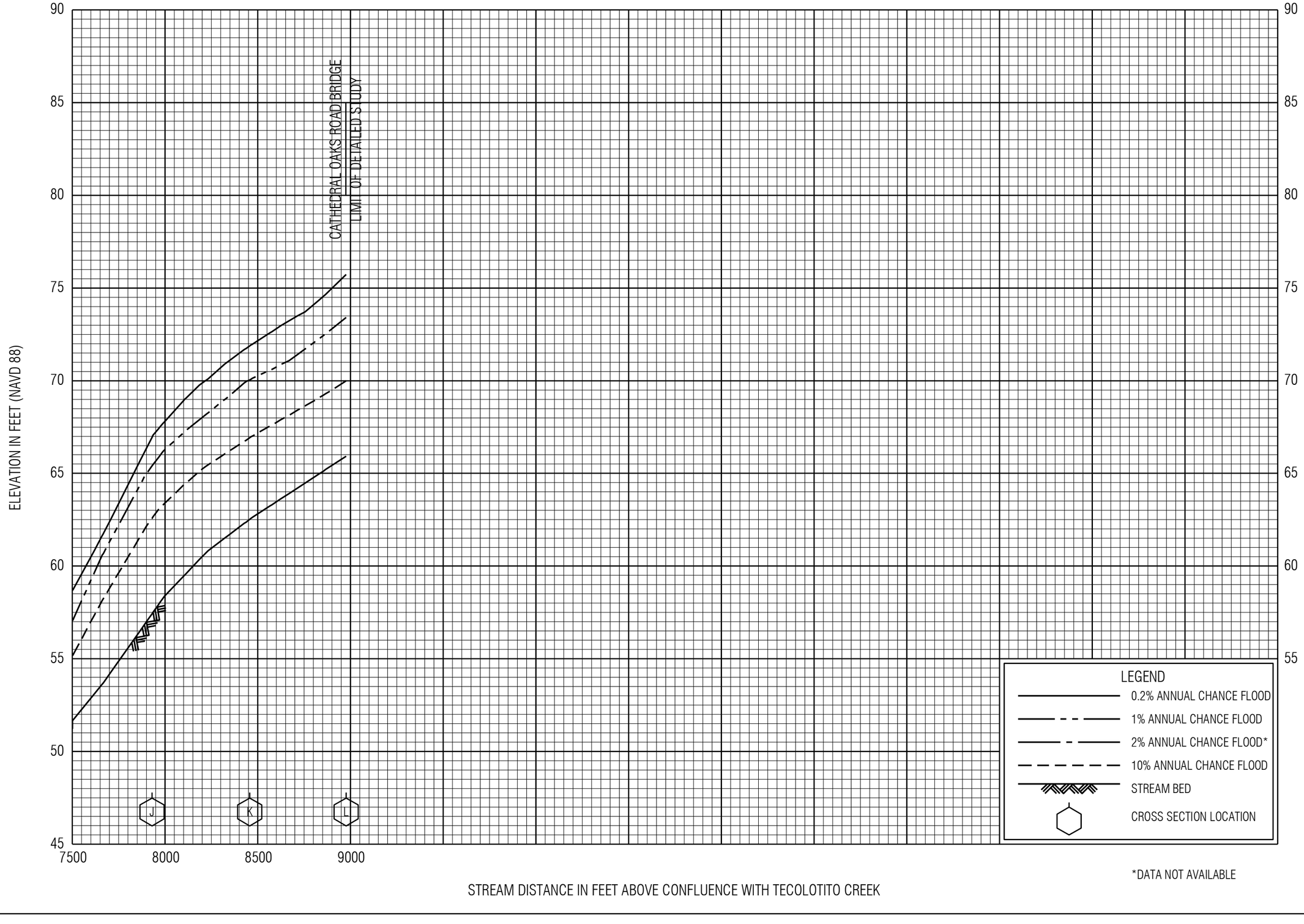
CARNEROS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

078P



FLOOD PROFILES

CARNEROS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

079P

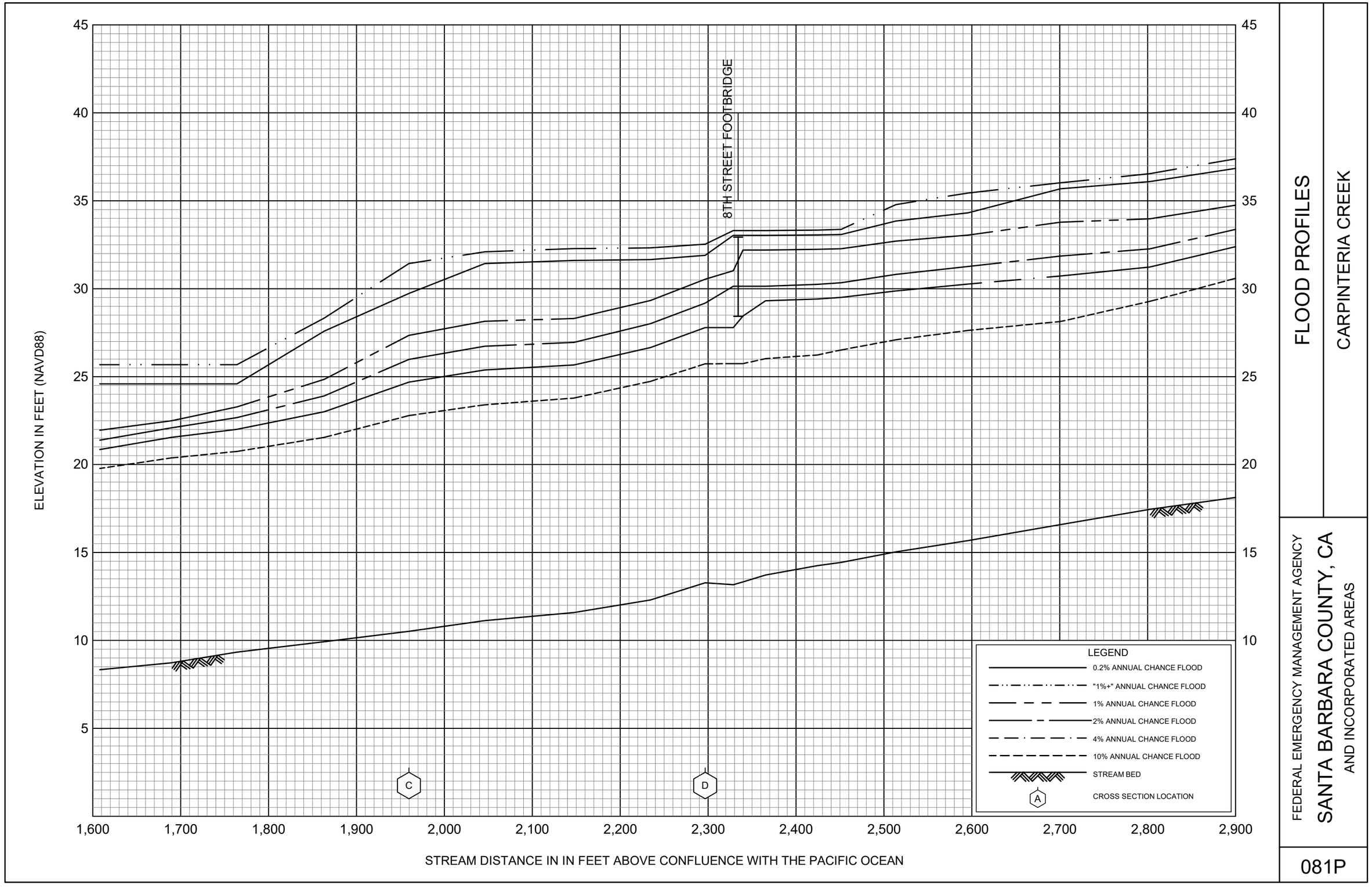
FLOOD PROFILES

CARPINTERIA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

080P



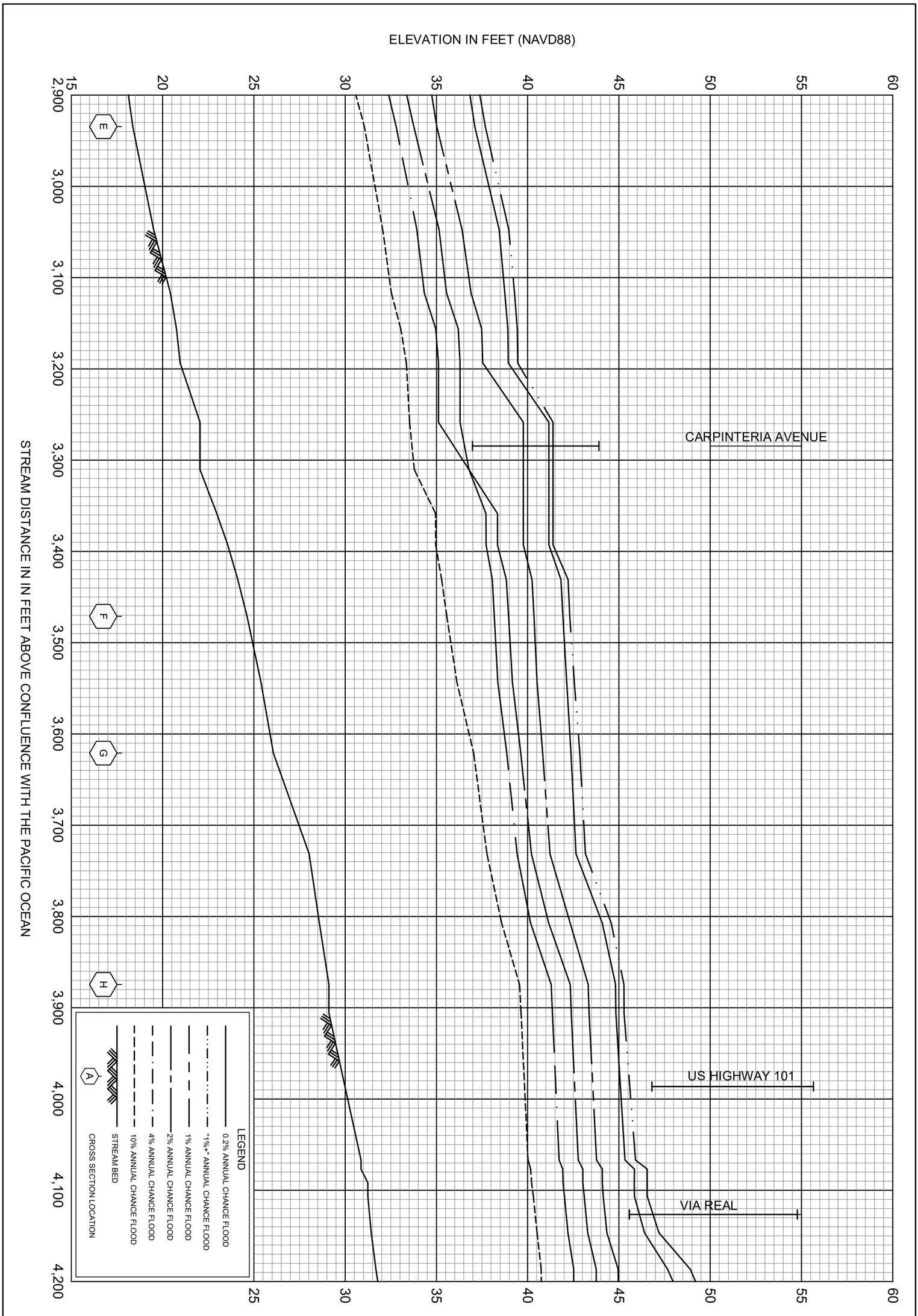
FLOOD PROFILES

CARPINTERIA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

081P



082P	FEDERAL EMERGENCY MANAGEMENT AGENCY SANTA BARBARA COUNTY, CA AND INCORPORATED AREAS	FLOOD PROFILES CARPINTERIA CREEK

ELEVATION IN FEET (NAVD88)

65
60
55
50
45
40
35
30
25
20

4,200
4,300
4,400
4,500
4,600
4,700
4,800
4,900
5,000
5,100

STREAM DISTANCE IN IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

LEGEND

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

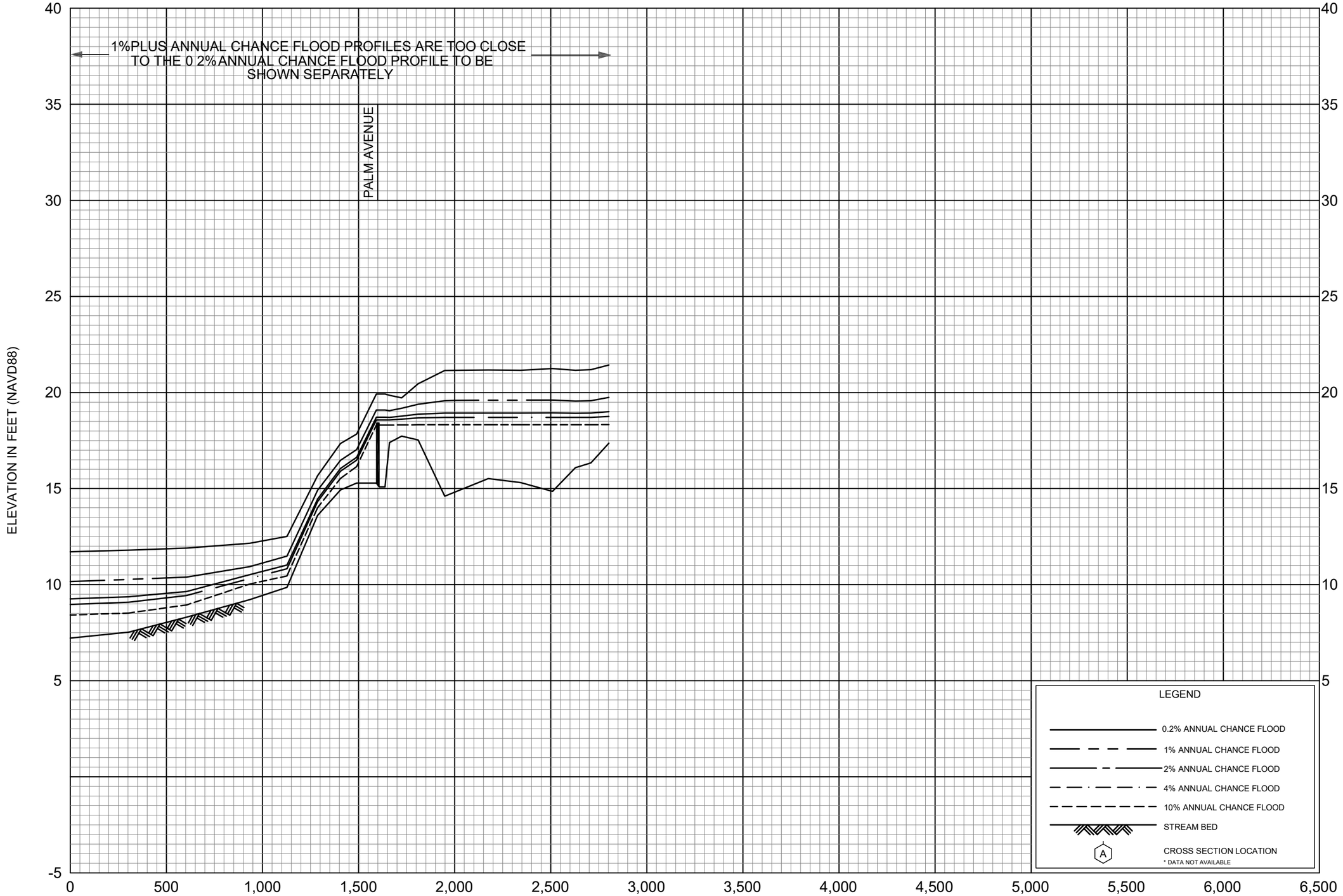
FLOOD PROFILES

CARPINTERIA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

083P



FLOOD PROFILES

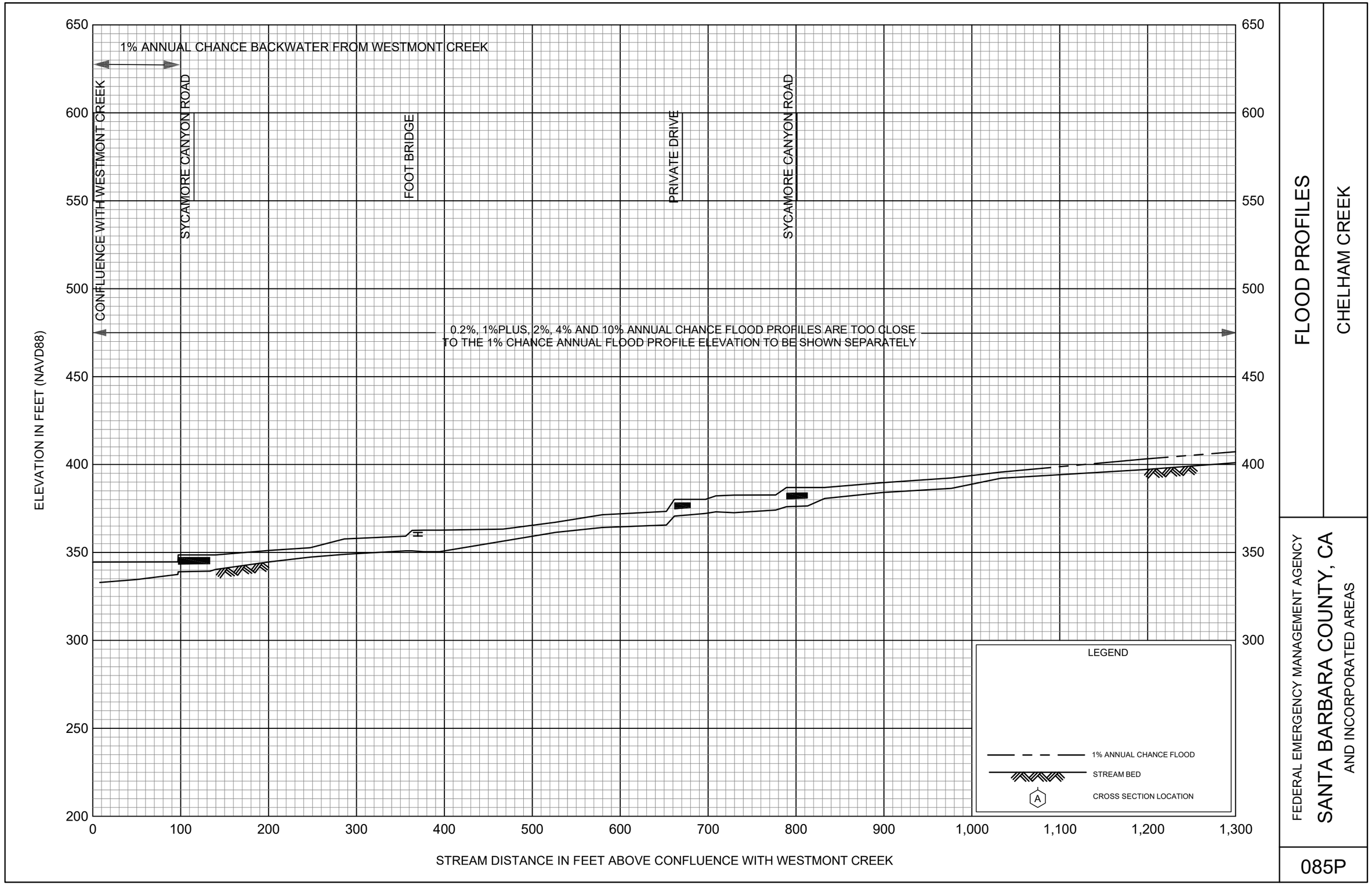
CARPINTERIA CREEK SPLITFLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

084P



FLOOD PROFILES

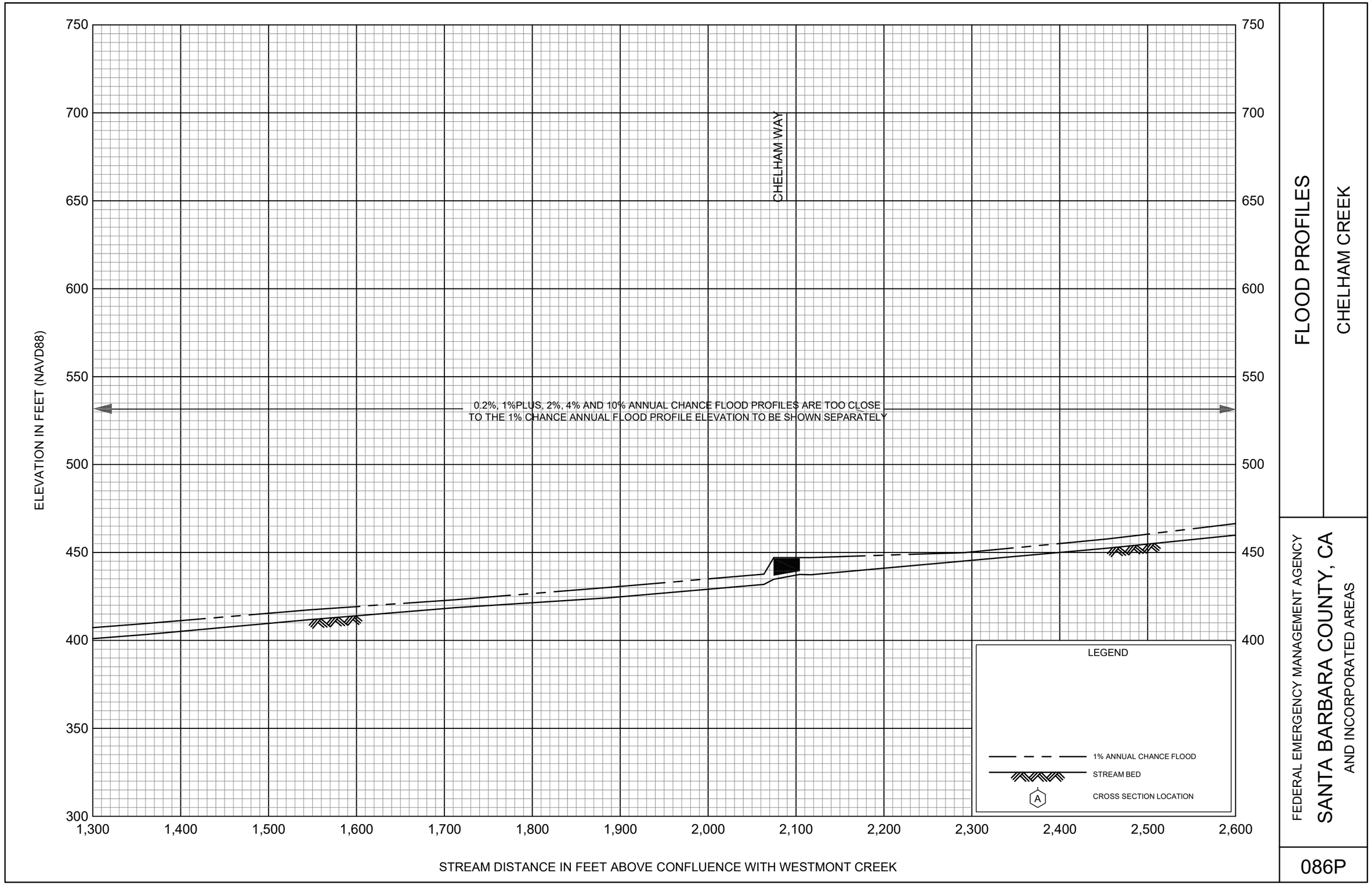
CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

085P



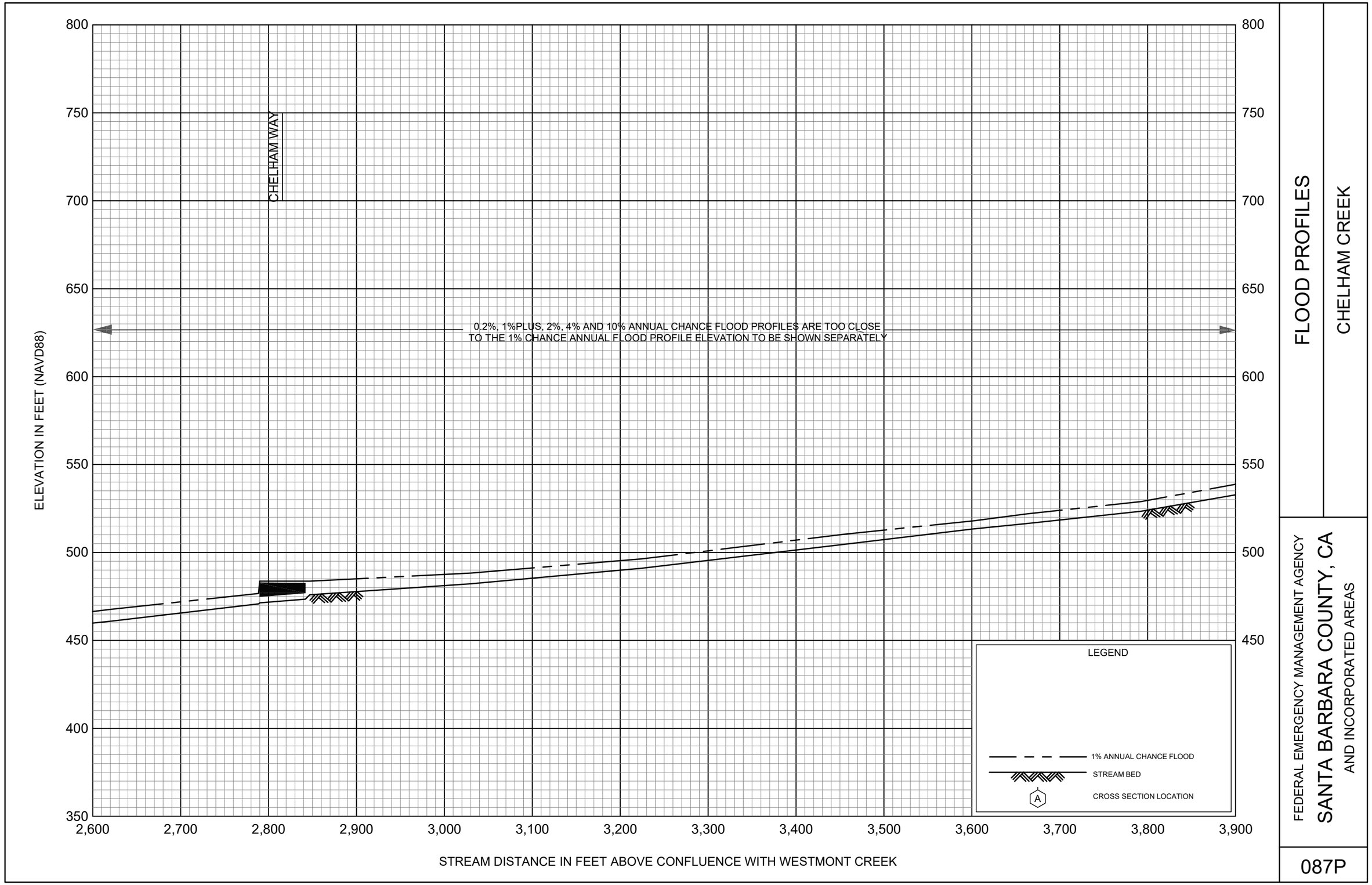
FLOOD PROFILES

CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

086P



FLOOD PROFILES

CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

087P

ELEVATION IN FEET (NAVD88)

850
800
750
700
650
600
550
500
450
400

PRIVATE DRIVE

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE
TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

3,900 4,000 4,100 4,200 4,300 4,400 4,500 4,600 4,700 4,800 4,900 5,000 5,100 5,200

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WESTMONT CREEK

LEGEND

1% ANNUAL CHANCE FLOOD
STREAM BED
A CROSS SECTION LOCATION

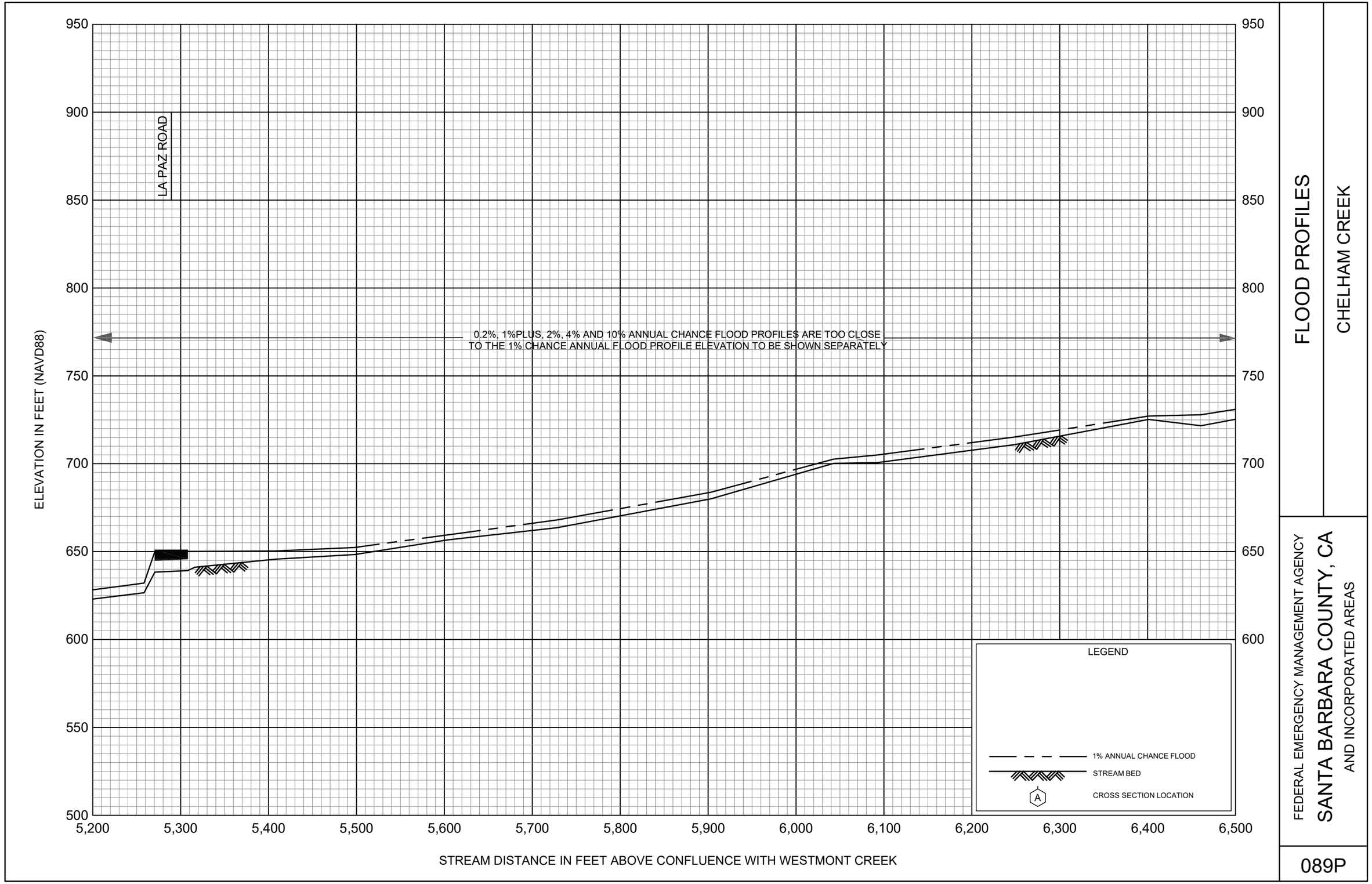
FLOOD PROFILES

CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

088P



FLOOD PROFILES

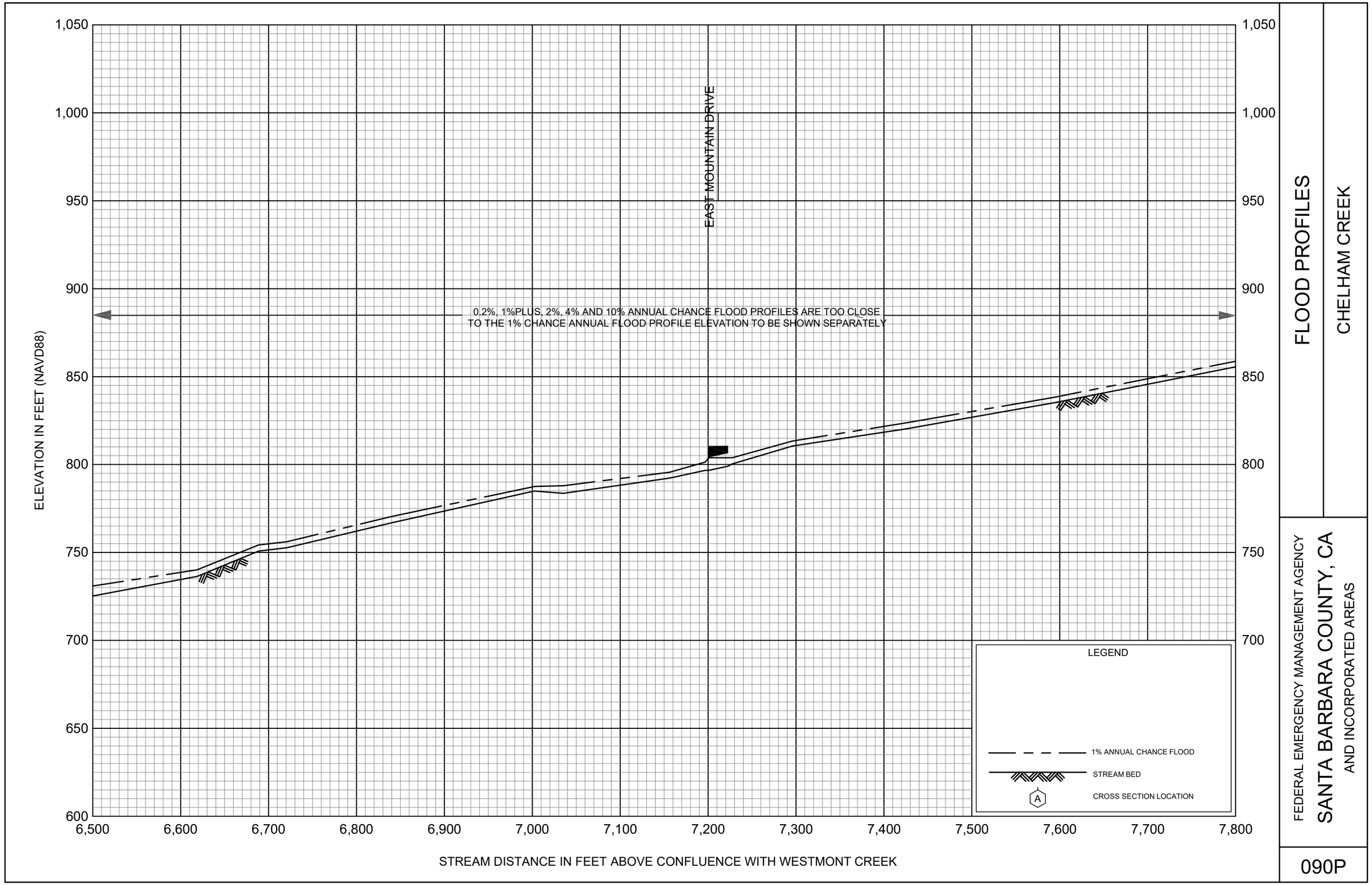
CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

089P



FLOOD PROFILES

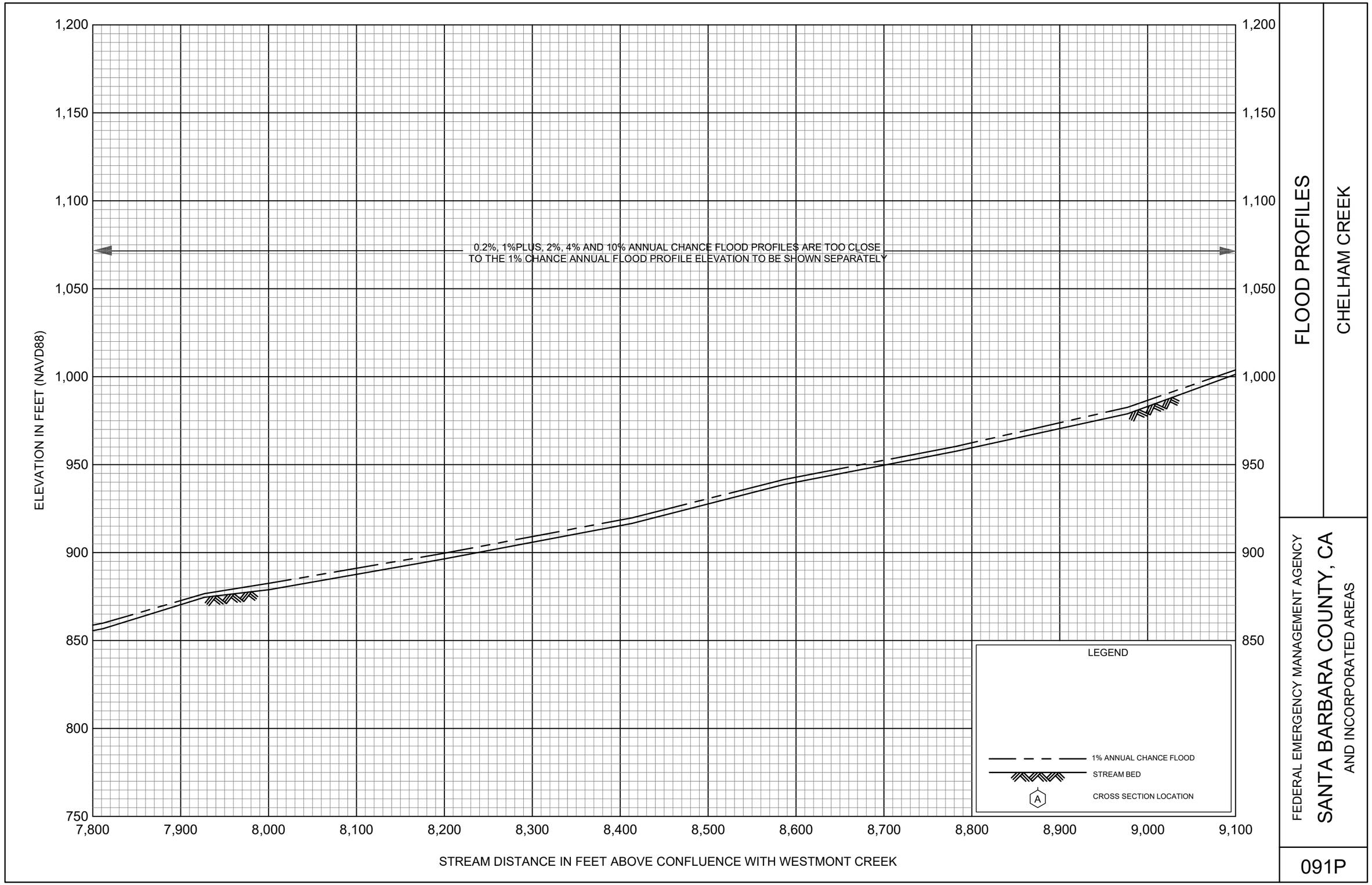
CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

090P



FLOOD PROFILES

CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

091P

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

ELEVATION IN FEET (NAVD88)

1,350
1,300
1,250
1,200
1,150
1,100
1,050
1,000
950
900

9,100 9,200 9,300 9,400 9,500 9,600 9,700 9,800 9,900 10,000 10,100 10,200 10,300 10,400

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WESTMONT CREEK

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

FLOOD PROFILES

CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

092P

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE
TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

LIMIT OF STUDY

ELEVATION IN FEET (NAVD88)

1,650
1,600
1,550
1,500
1,450
1,400
1,350
1,300
1,250
1,200

10,400 10,500 10,600 10,700 10,800 10,900 11,000 11,100 11,200 11,300 11,400 11,500 11,600 11,700

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WESTMONT CREEK

LEGEND

1% ANNUAL CHANCE FLOOD
STREAM BED
A CROSS SECTION LOCATION

FLOOD PROFILES

CHELHAM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

093P

FLOOD PROFILES

CIENEGUITAS CREEK

ELEVATION IN FEET (NAVD88)

150
140
130
120
110
100
90
80
70
60

0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000

CONFLUENCE WITH ATASCADERO CREEK
NOGAL DRIVE
MODOC DRIVE
CULVERT
CULVERT
RAILROAD
U.S. HIGHWAY 101
OLD MILL ROAD
UNNAMED ROAD
ENTRANCE TO SAINT VINCENT'S SCHOOL

A B C D E F G H I J

LEGEND

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

*DATA NOT AVAILABLE

This profile is updated per LOMR 12-09-3094 which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ATASCADERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

094P

FLOOD PROFILES

CIENEGUITAS CREEK

ELEVATION IN FEET (NAVD88)

220
210
200
190
180
170
160
150
140
130

HIGHWAY 154

UNNAMED ROAD

CULVERT

CULVERT

PRIMAVERA ROAD

FOOTPATH TO LA COLINA SCHOOL

LIMIT OF DETAILED STUDY

K L M N O

6000 6500 7000 7500 8000 8500 9000 9500 10000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ATASCADERO CREEK

LEGEND

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

*DATA NOT AVAILABLE

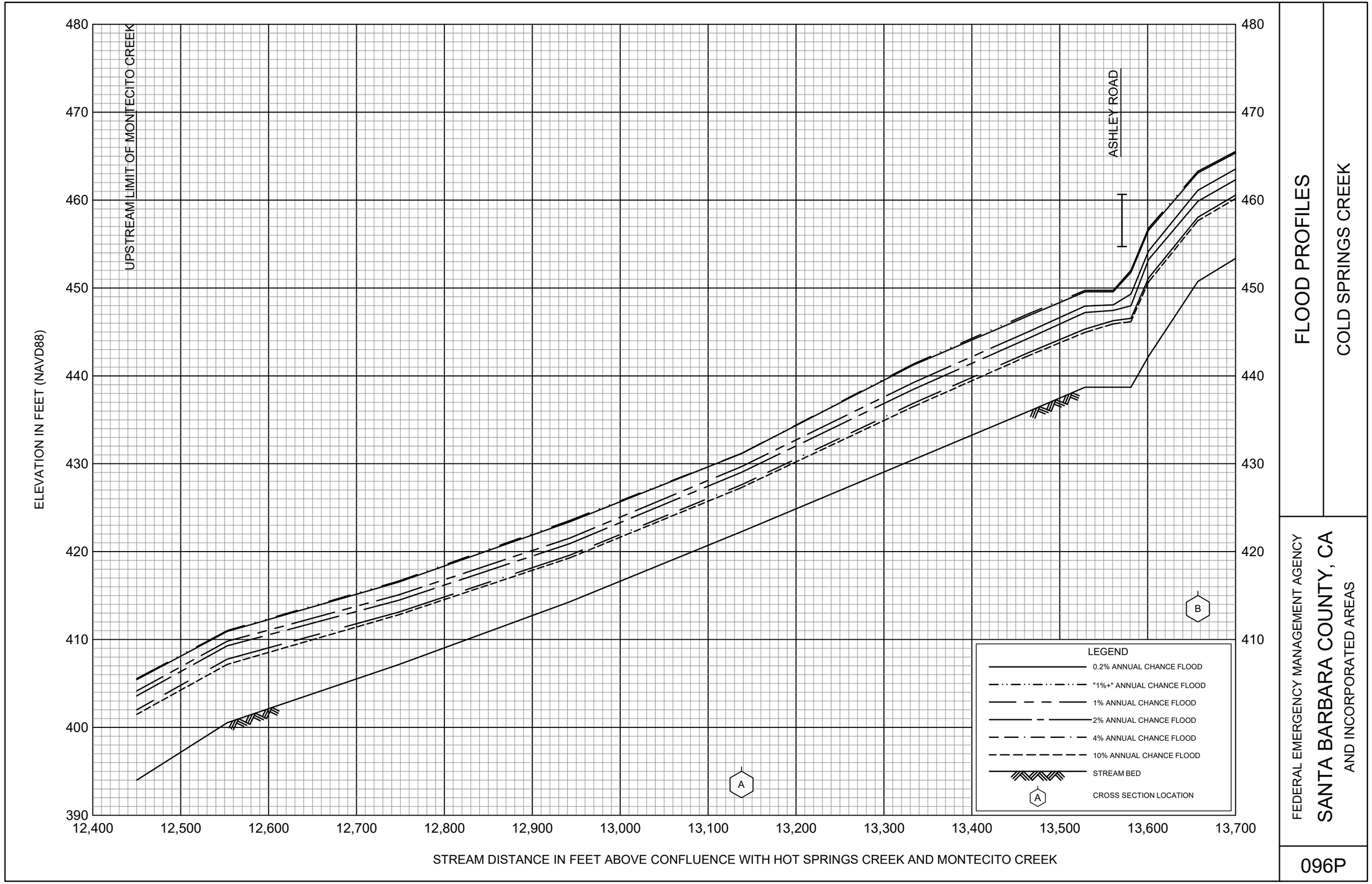
This profile is updated per LOMR 12-09-3094 which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

095P



FLOOD PROFILES

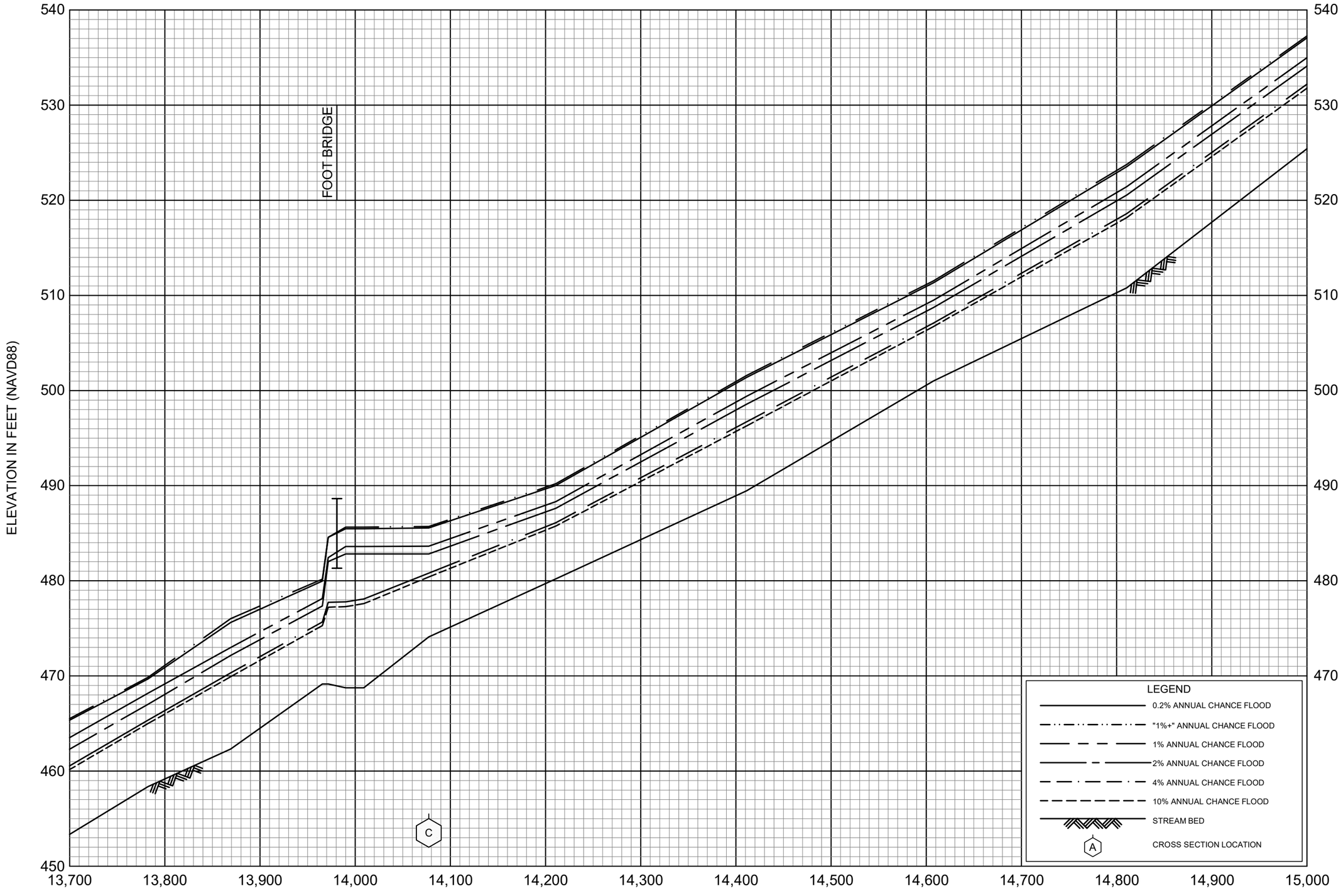
COLD SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

096P



FLOOD PROFILES

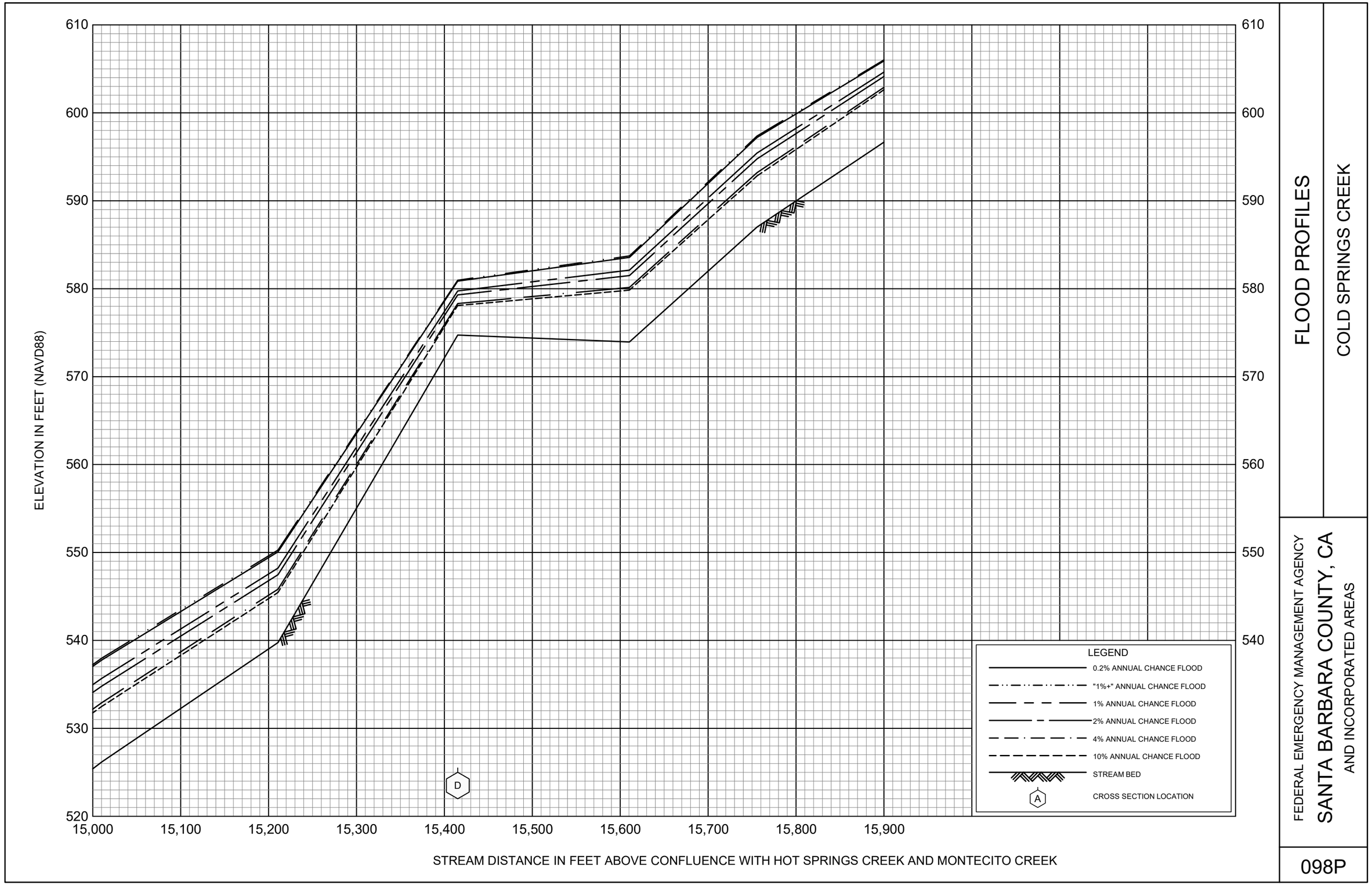
COLD SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

097P



FLOOD PROFILES

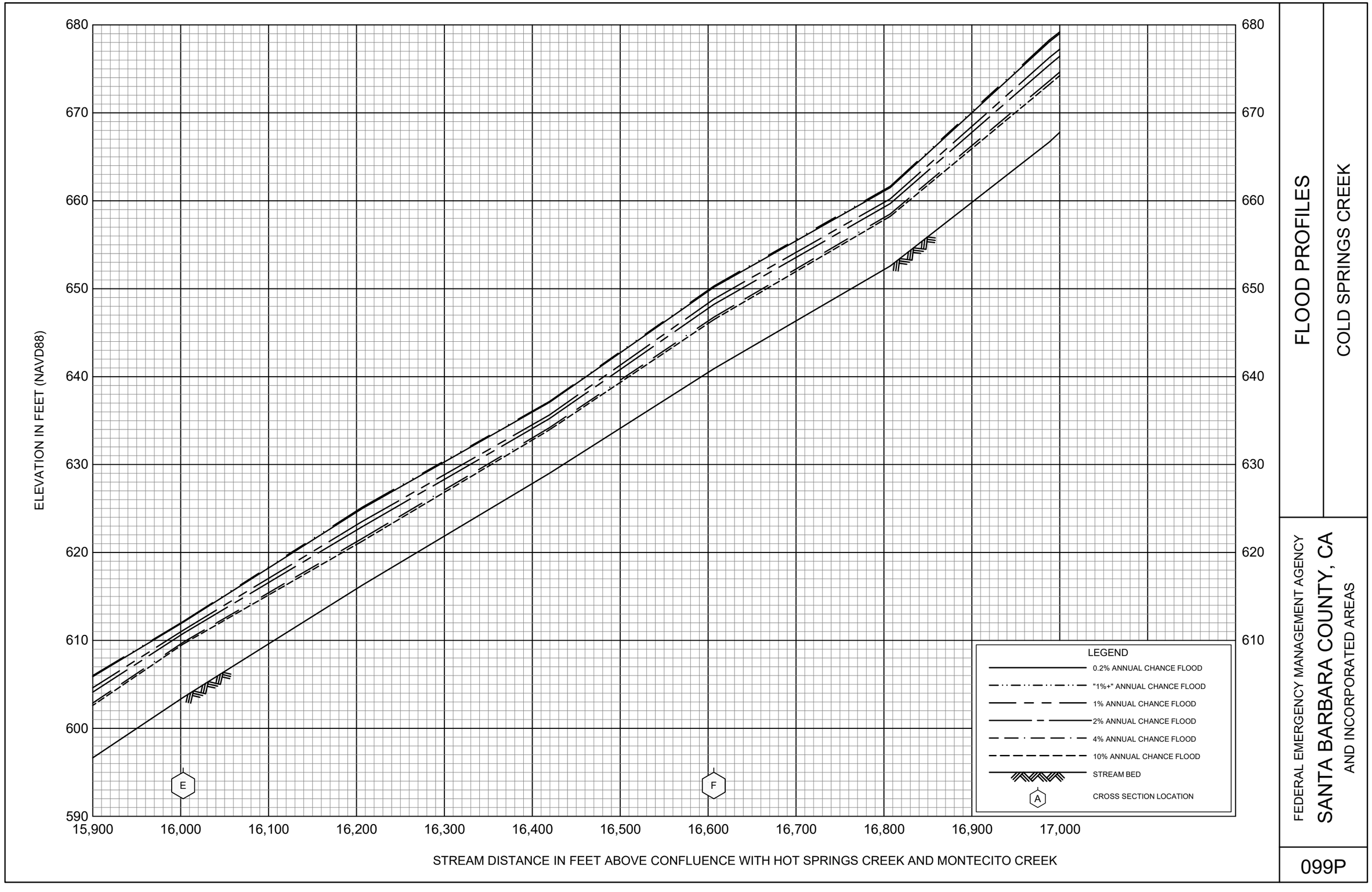
COLD SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

098P



FLOOD PROFILES

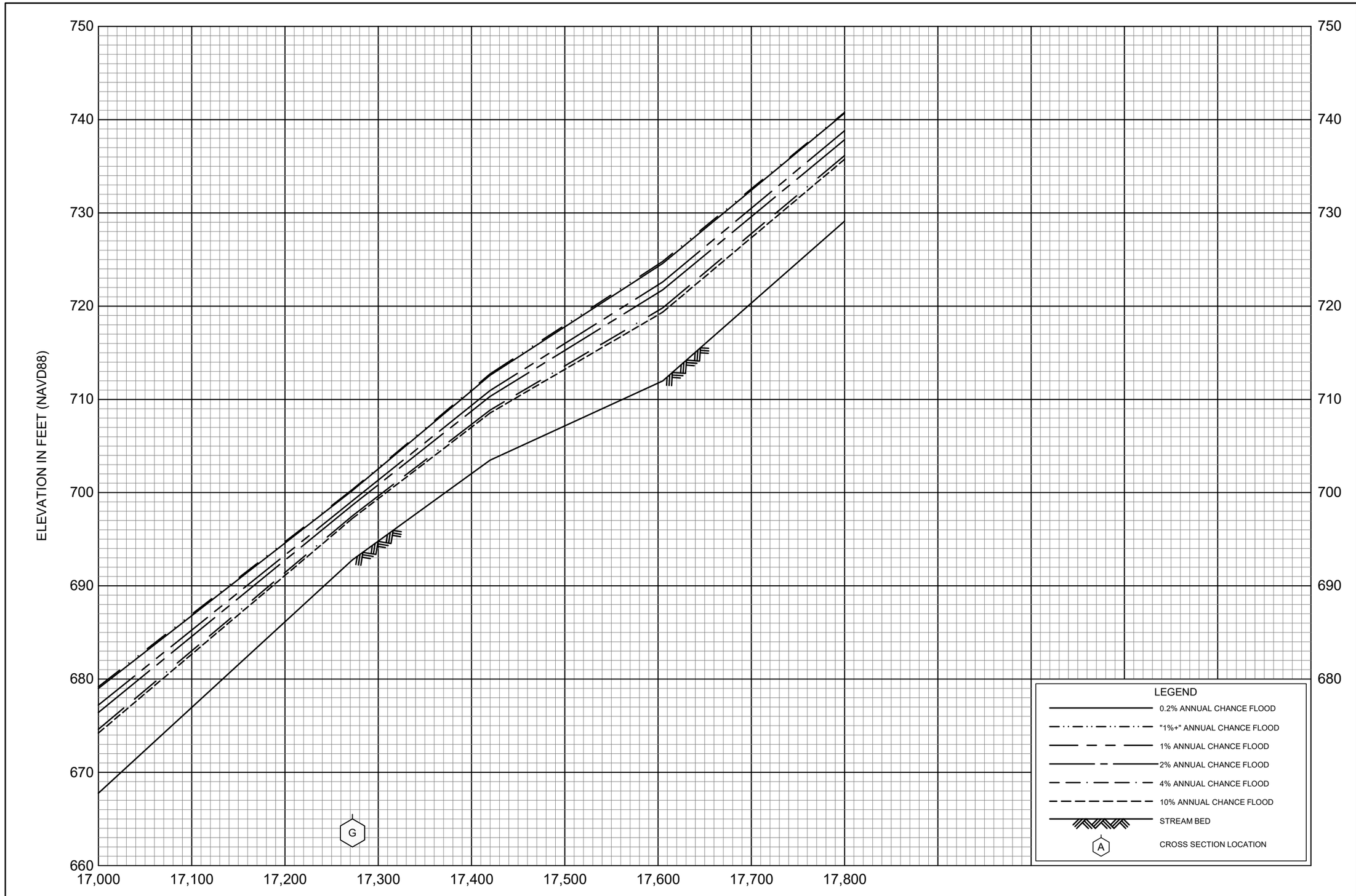
COLD SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

099P



FLOOD PROFILES

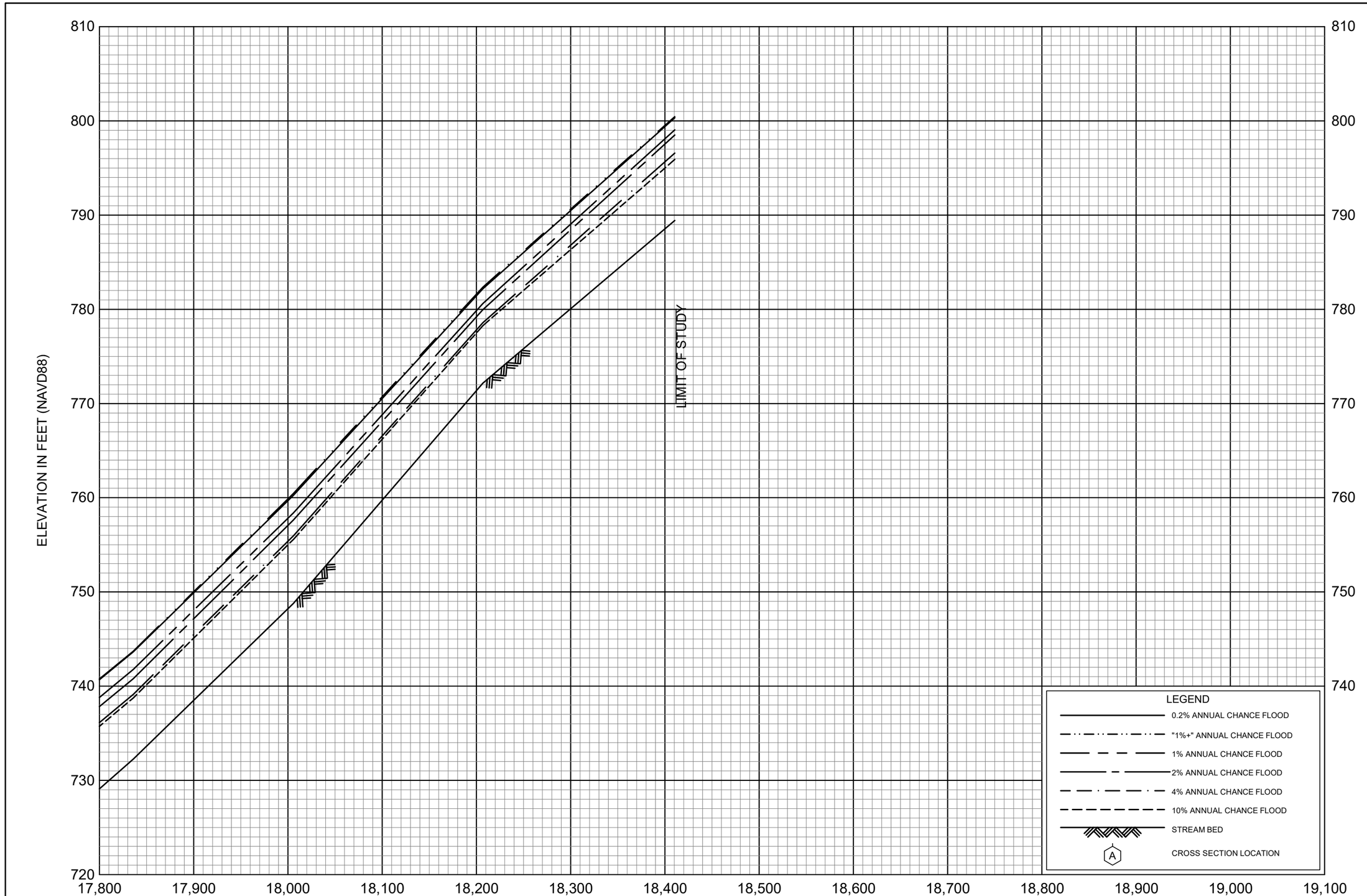
COLD SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

100P



FLOOD PROFILES

COLD SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

101P

ELEVATION IN FEET (NAVD88)

70
60
50
40
30
20
10
0
-10
-20

0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,000
4,500
5,000
5,500
6,000
6,500

VENOCO ROAD

CONFLUENCE OF DEVEREAUX CREEK TRIBUTARY 3

CONFLUENCE OF DEVEREAUX CREEK TRIBUTARY 2

B
C
D
E
F

LEGEND

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

* DATA NOT AVAILABLE

This profile is updated per LOMR 21-09-1074P which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

STREAM DISTANCE IN ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

FLOOD PROFILES

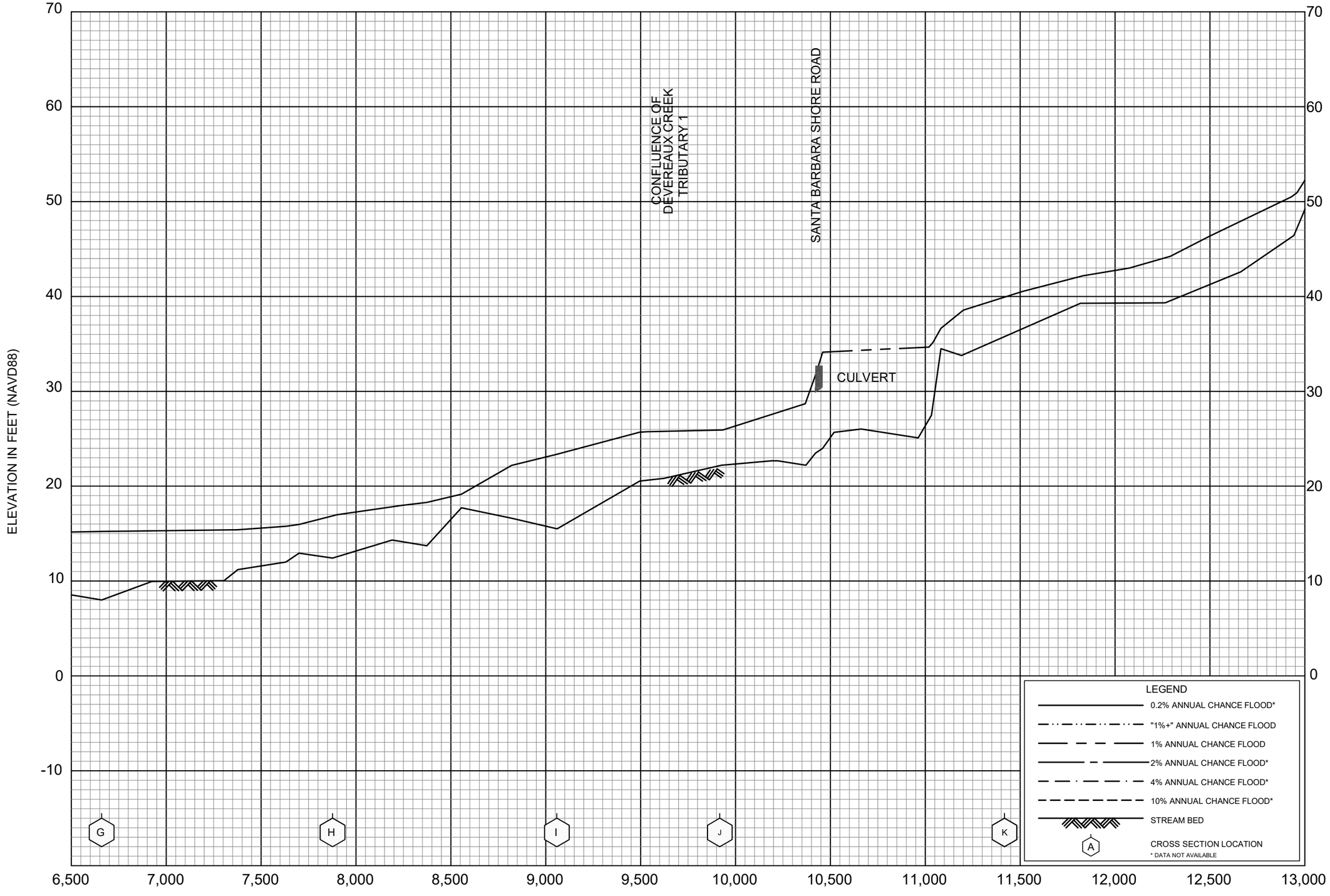
DEVEREAUX CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

102P



This profile is updated per LOMR 21-09-1074P which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

FLOOD PROFILES

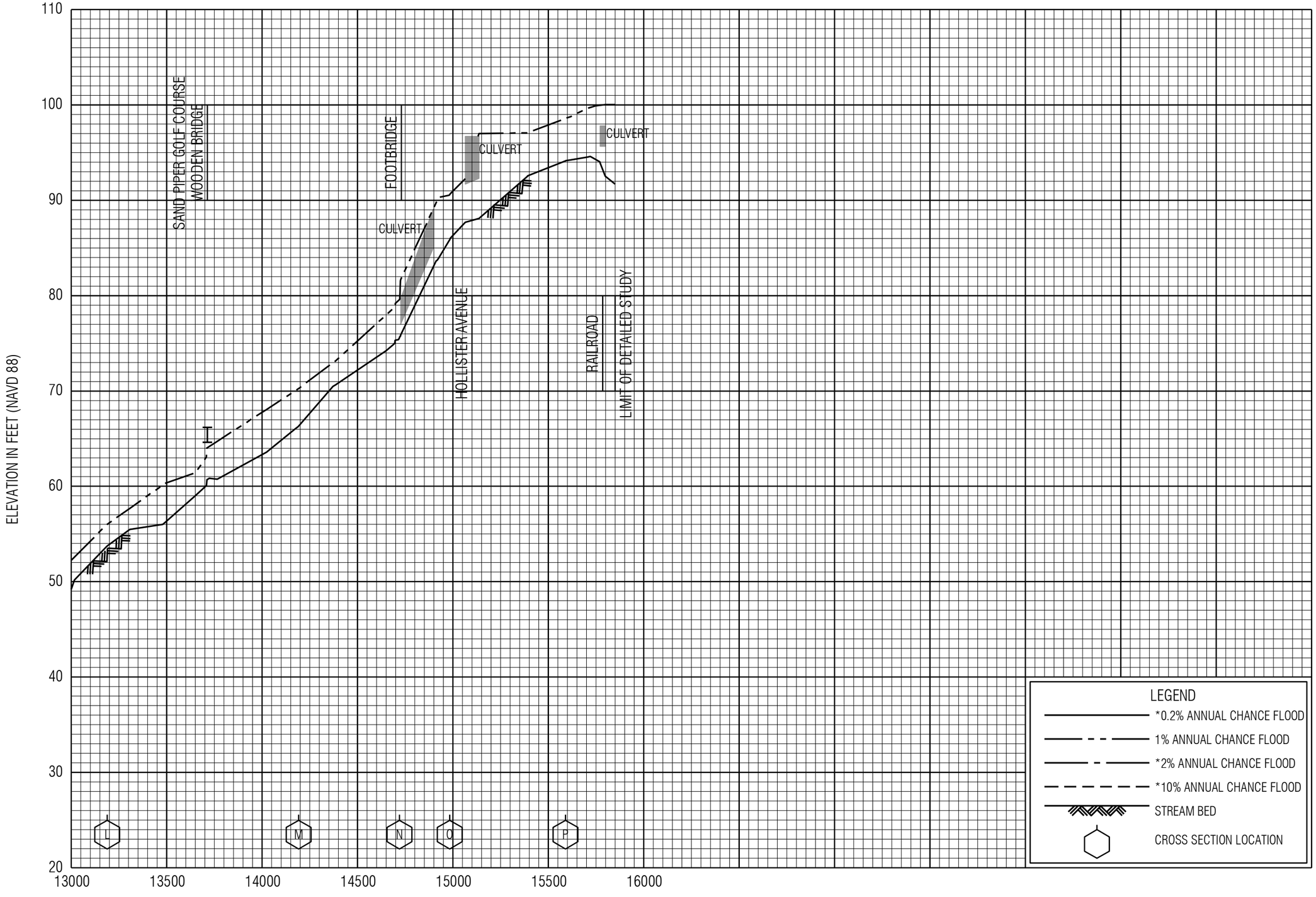
DEVEREAUX CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

103P



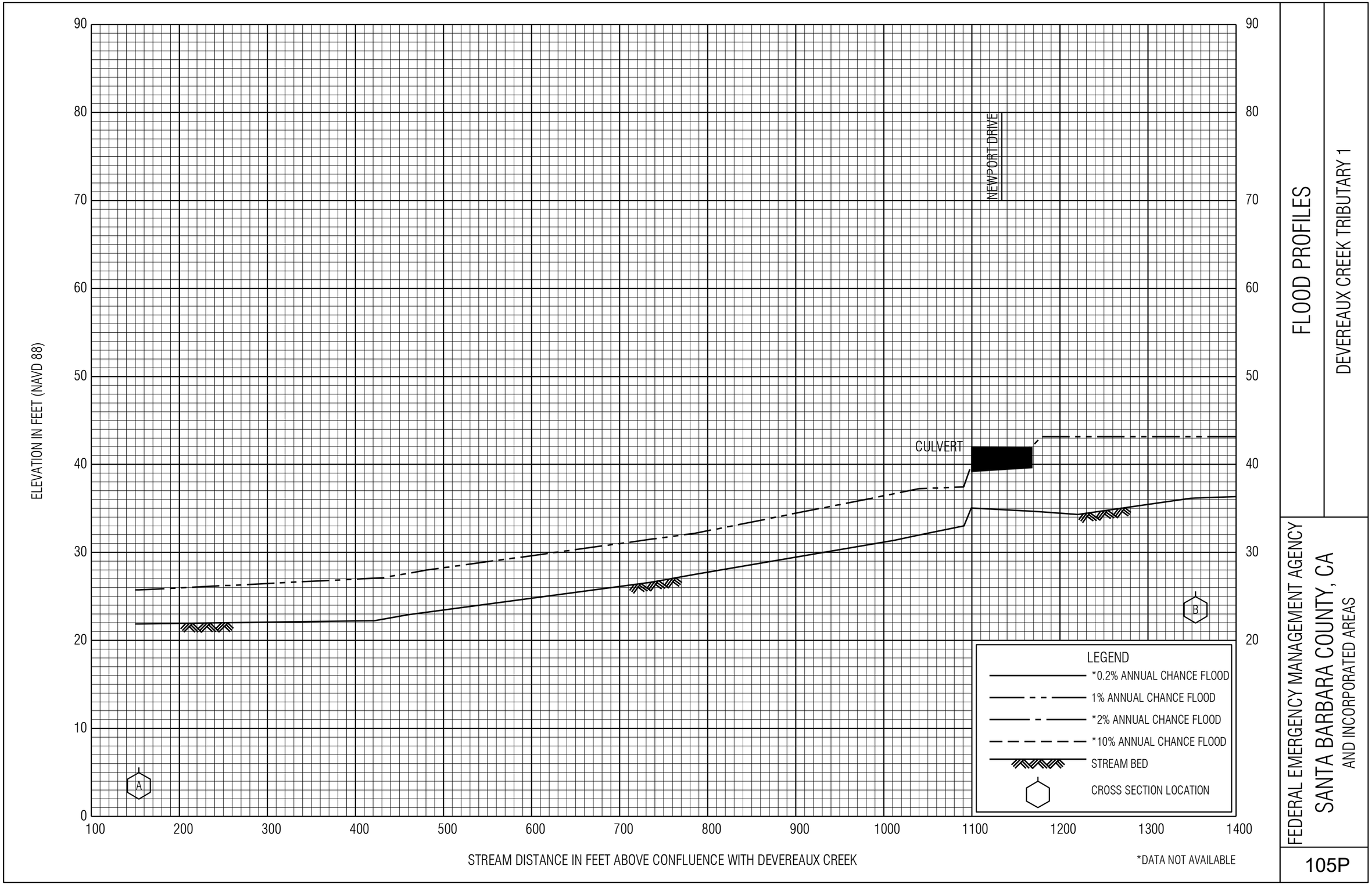
FLOOD PROFILES

DEVEREAUX CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

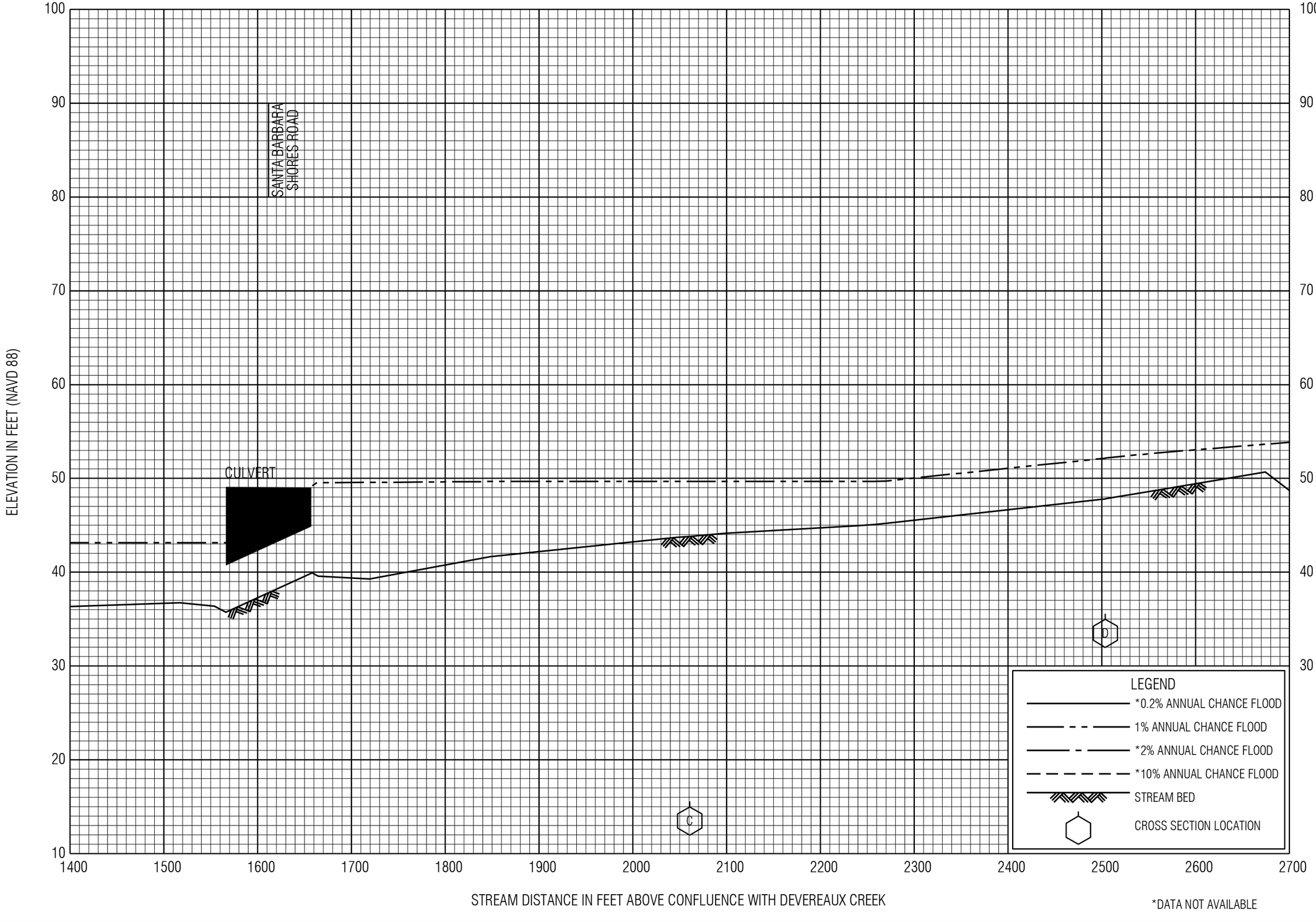
DEVEREAUX CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

105P



*DATA NOT AVAILABLE

FLOOD PROFILES

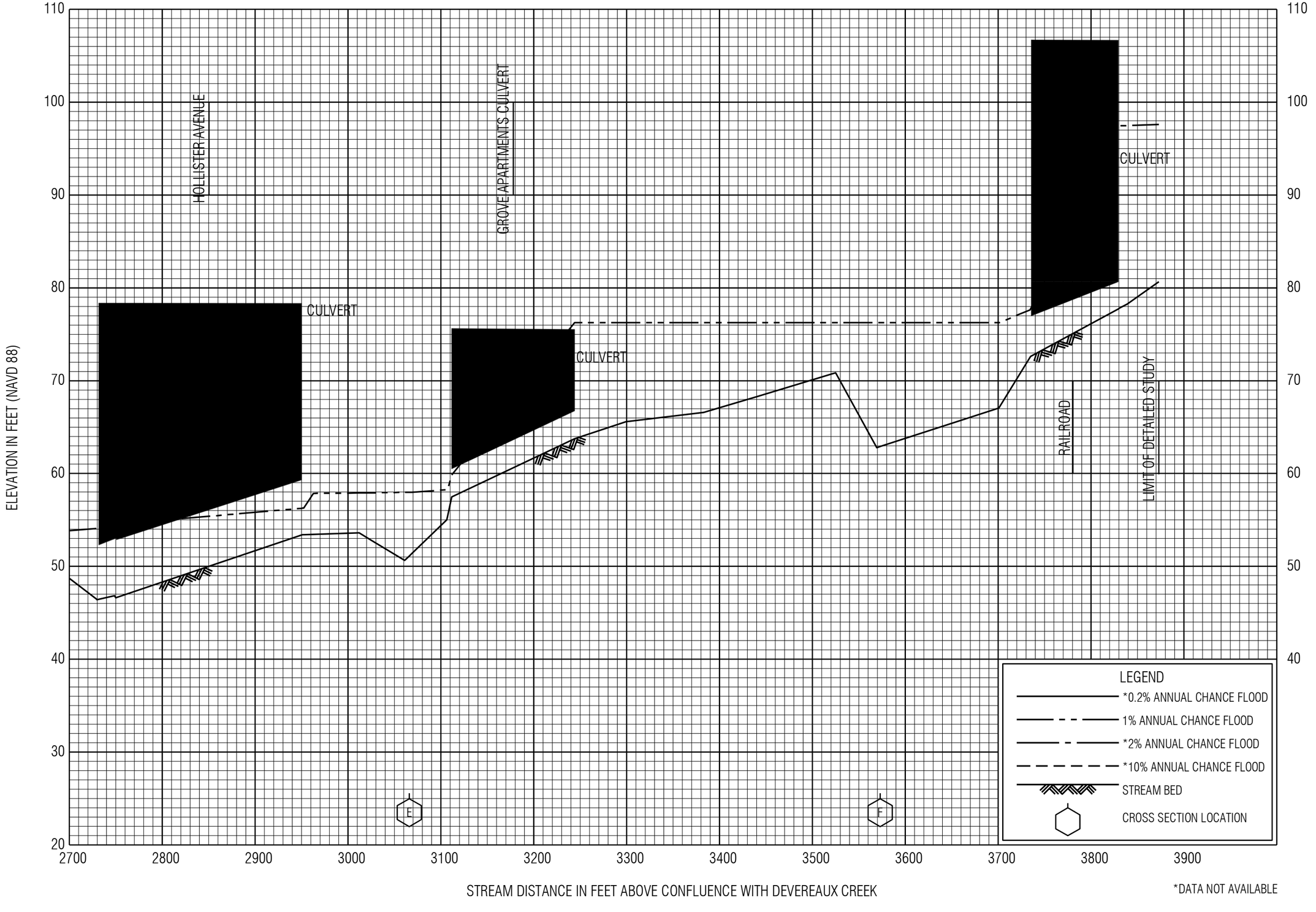
DEVEREAUX CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

106P



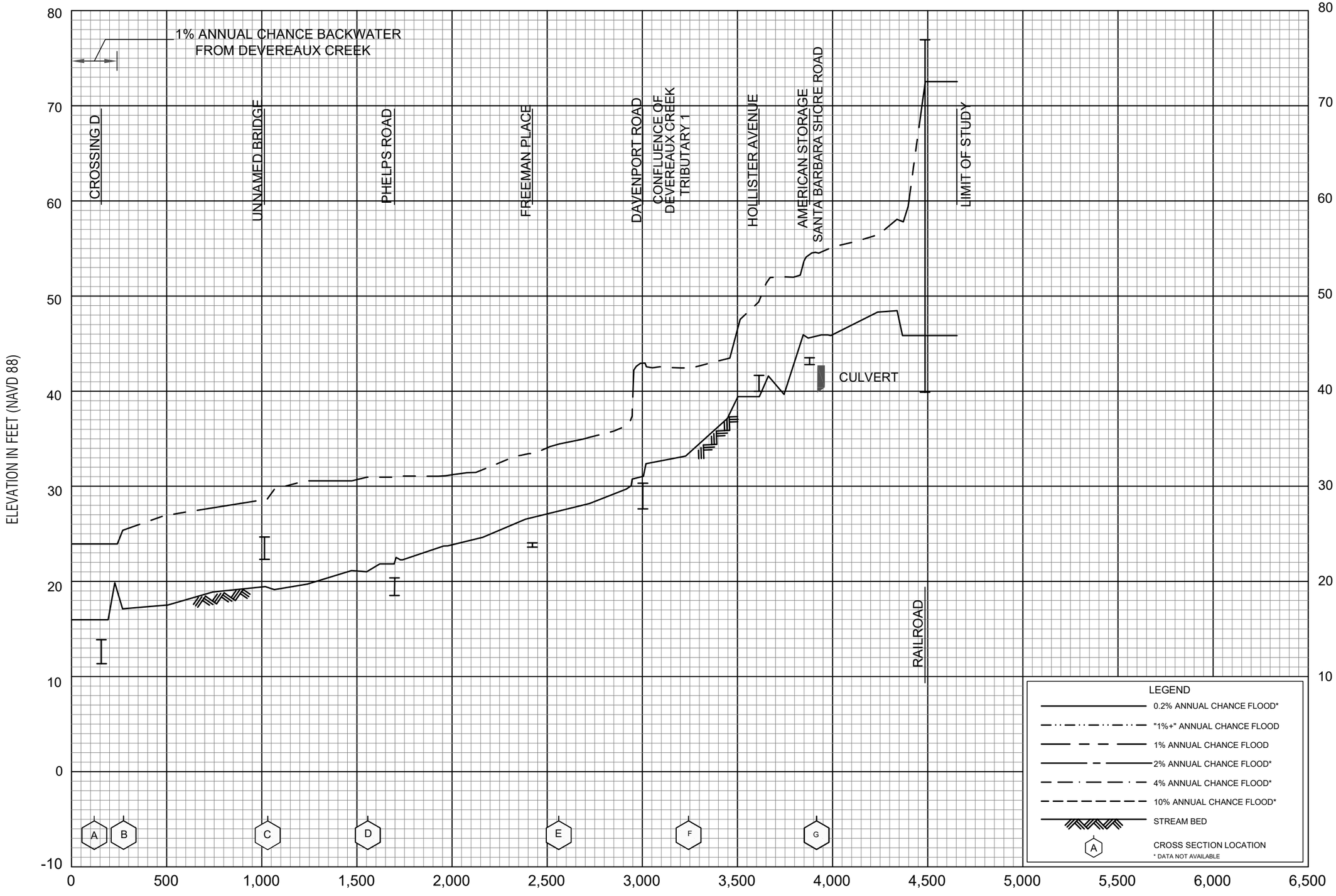
FLOOD PROFILES

DEVEREAUX CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



This profile is updated per LOMR 21-09-1074P which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

FLOOD PROFILES

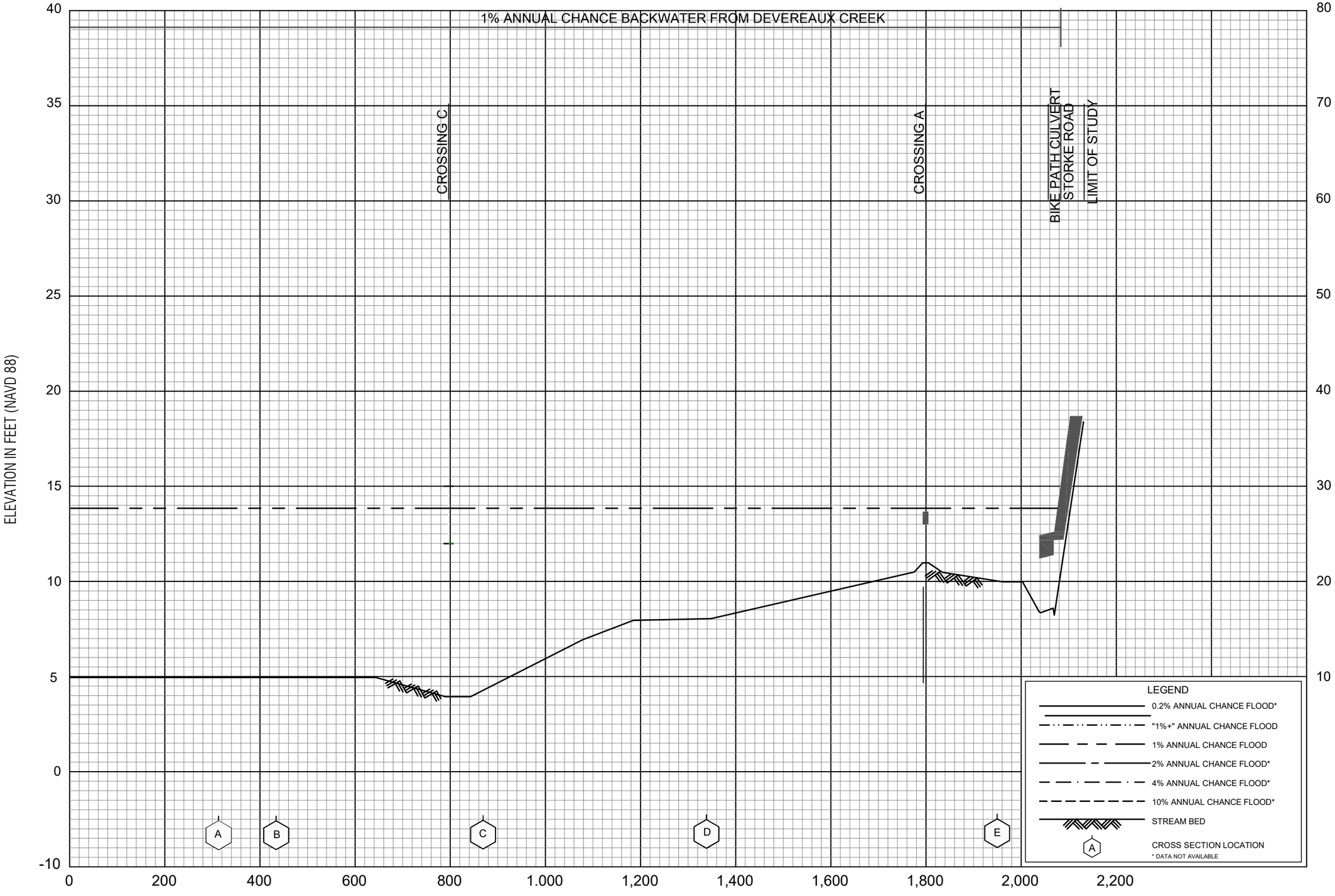
DEVEREAUX CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

108P



This profile is updated per LOMR 21-09-1074P which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

STREAM DISTANCE IN ABOVE CONFLUENCE WITH DEVEREAUX CREEK

FLOOD PROFILES

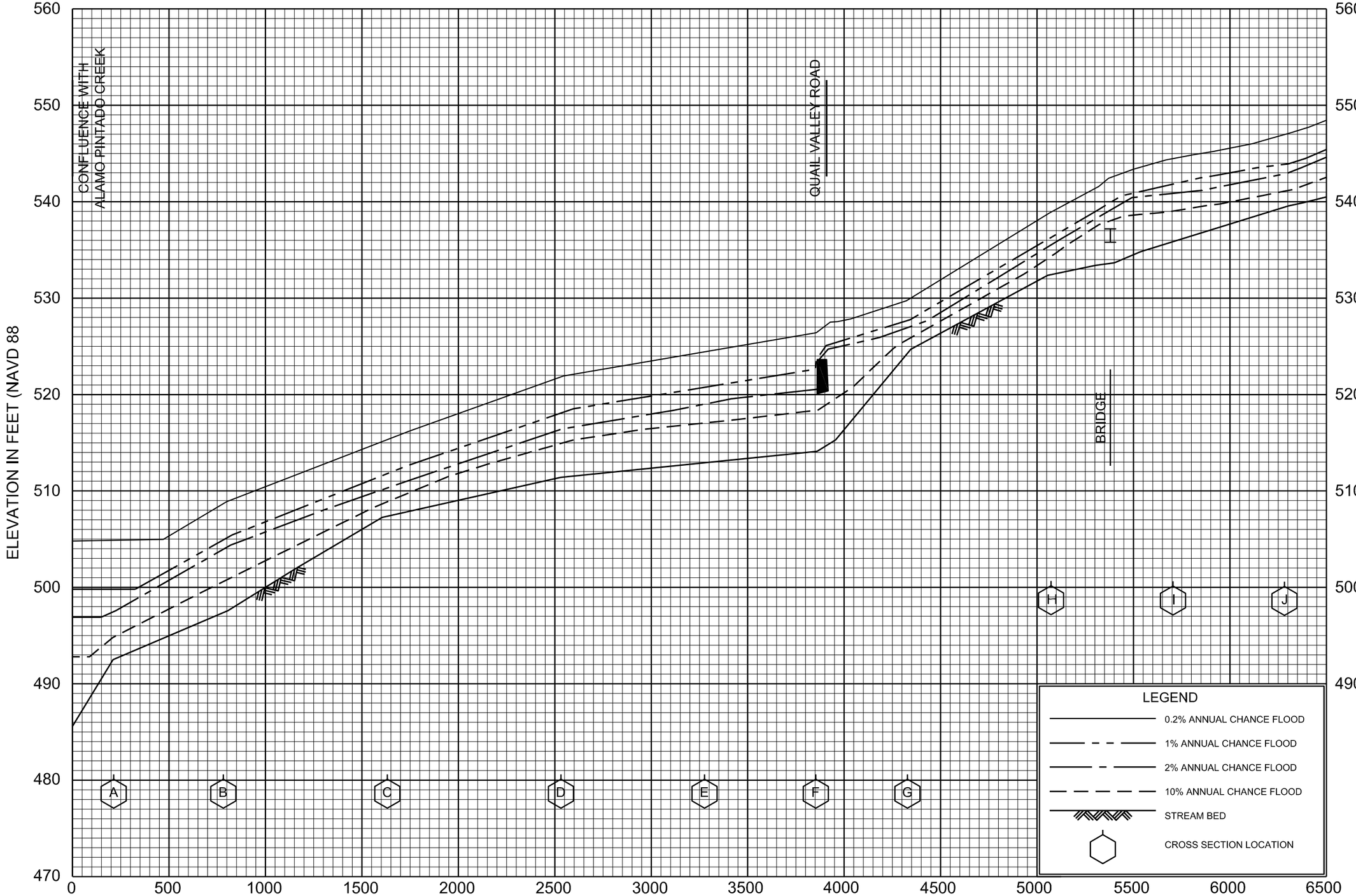
DEVEREAUX CREEK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

109P



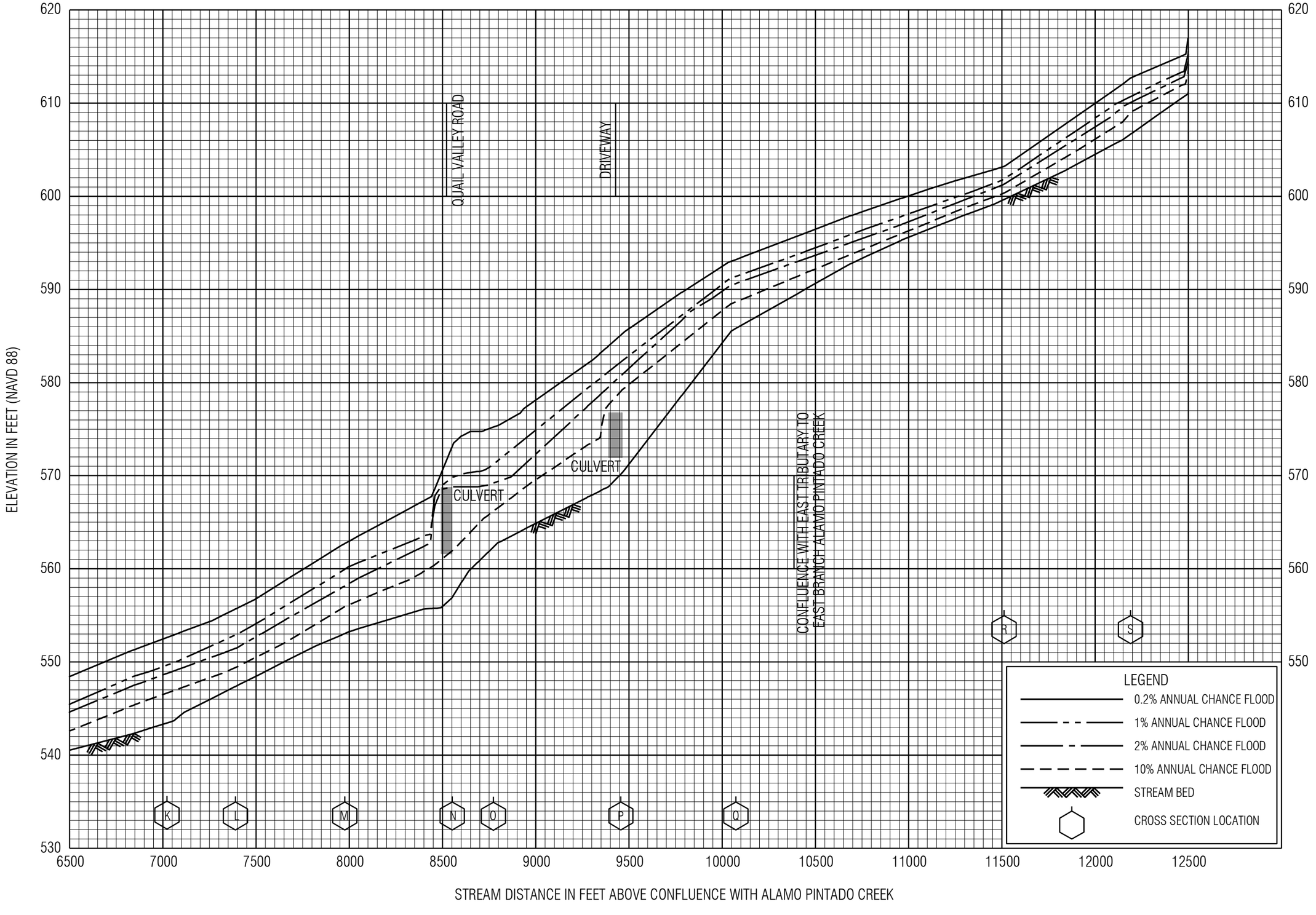
FLOOD PROFILES

EAST BRANCH ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

110P



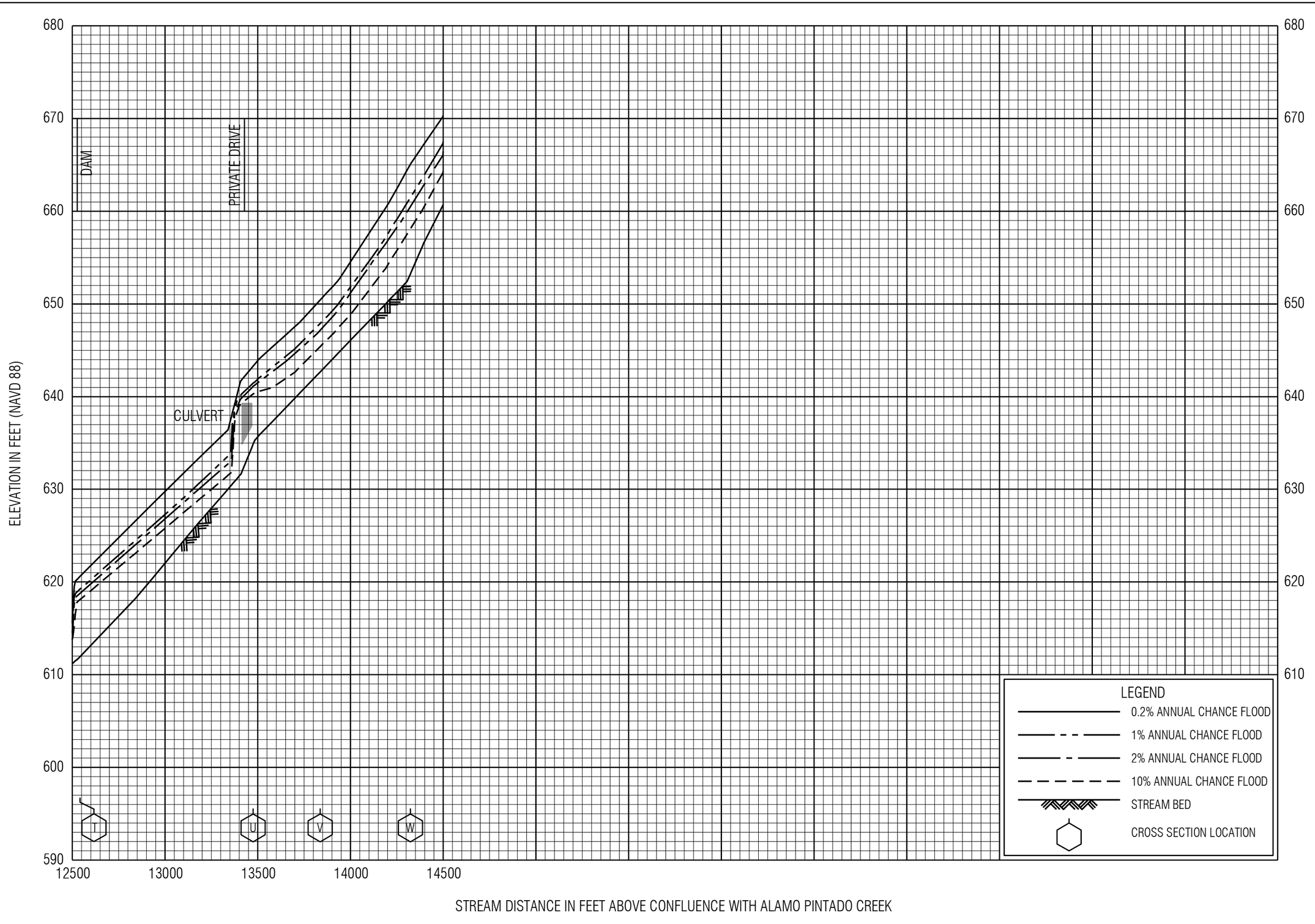
FLOOD PROFILES

EAST BRANCH ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

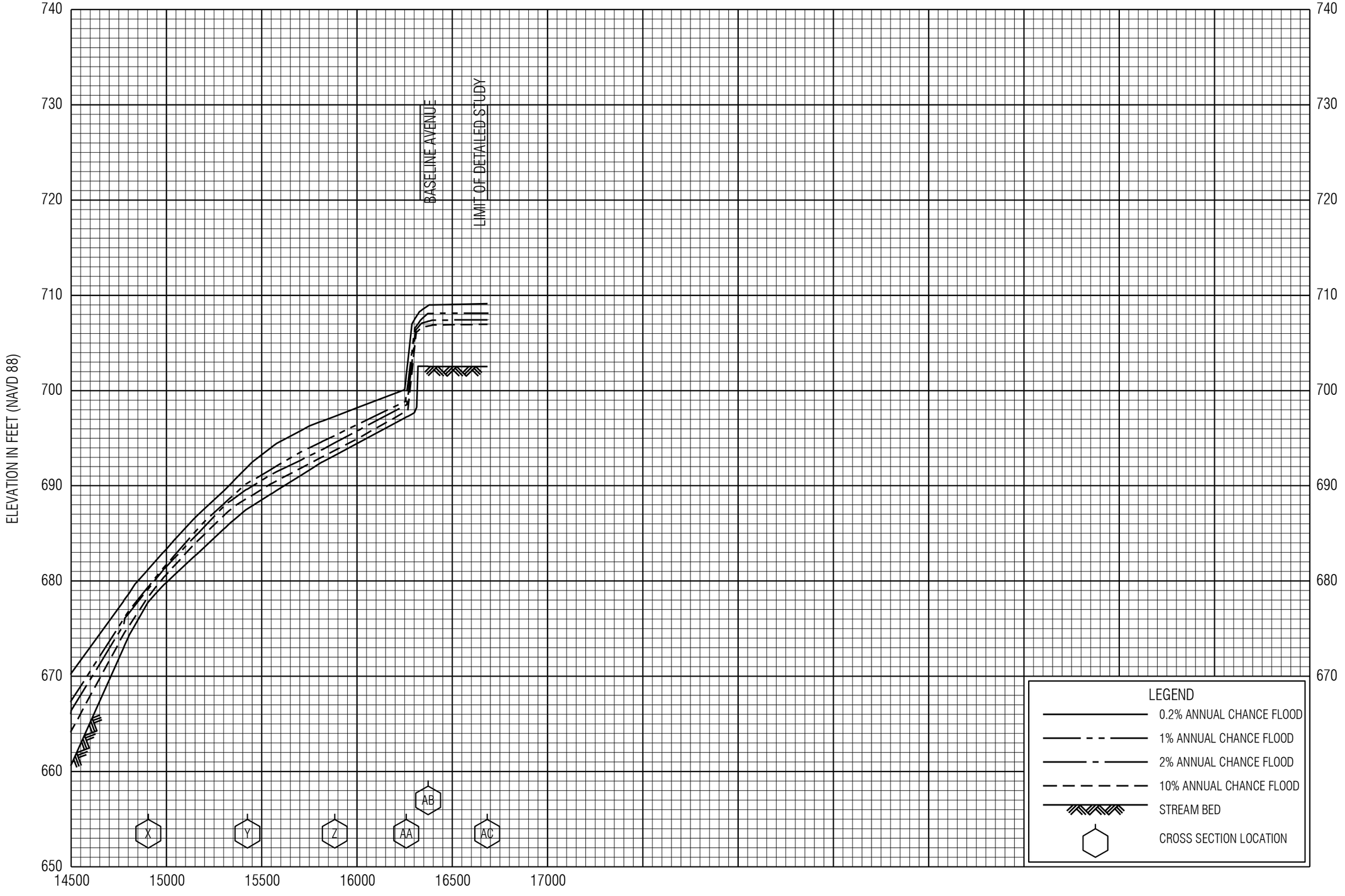
EAST BRANCH ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

112P



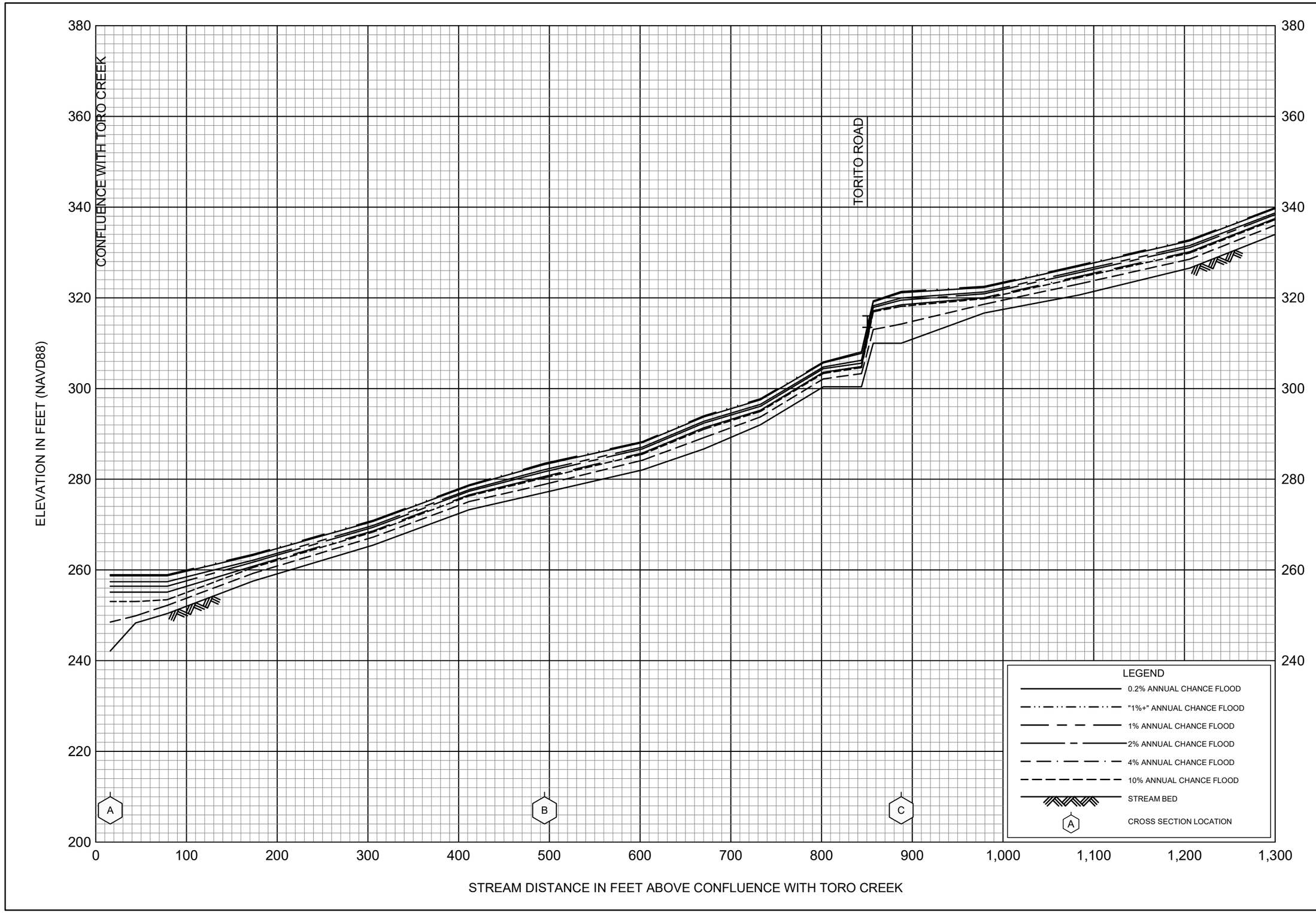
FLOOD PROFILES

EAST BRANCH ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD88)

460
440
420
400
380
360
340
320
300
280

1,300 1,400 1,500 1,600 1,700 1,800 1,900 2,000 2,100 2,200 2,300 2,400 2,500 2,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TORO CREEK

D E F

LEGEND

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

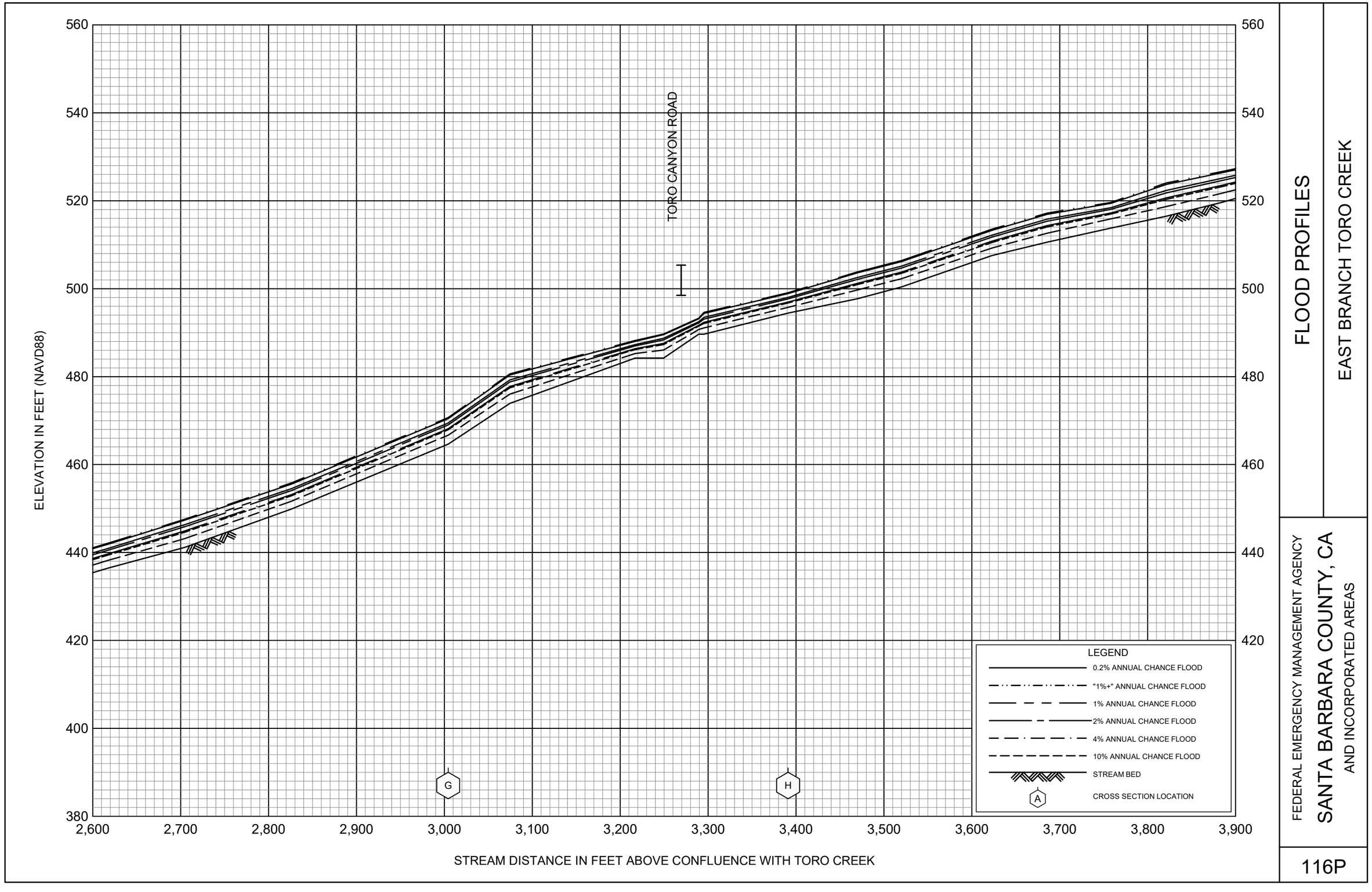
FLOOD PROFILES

EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

115P



FLOOD PROFILES

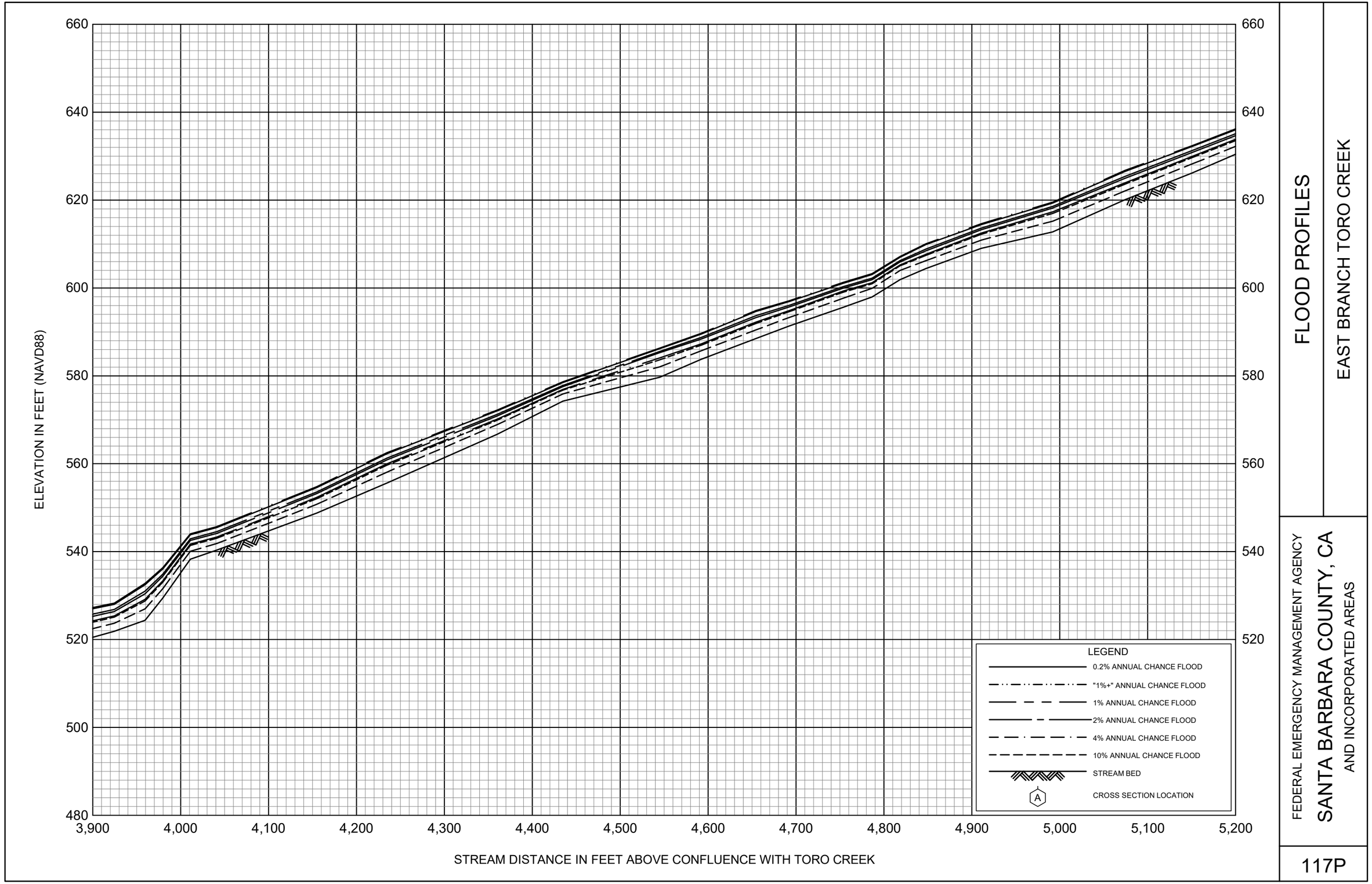
EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

116P



FLOOD PROFILES

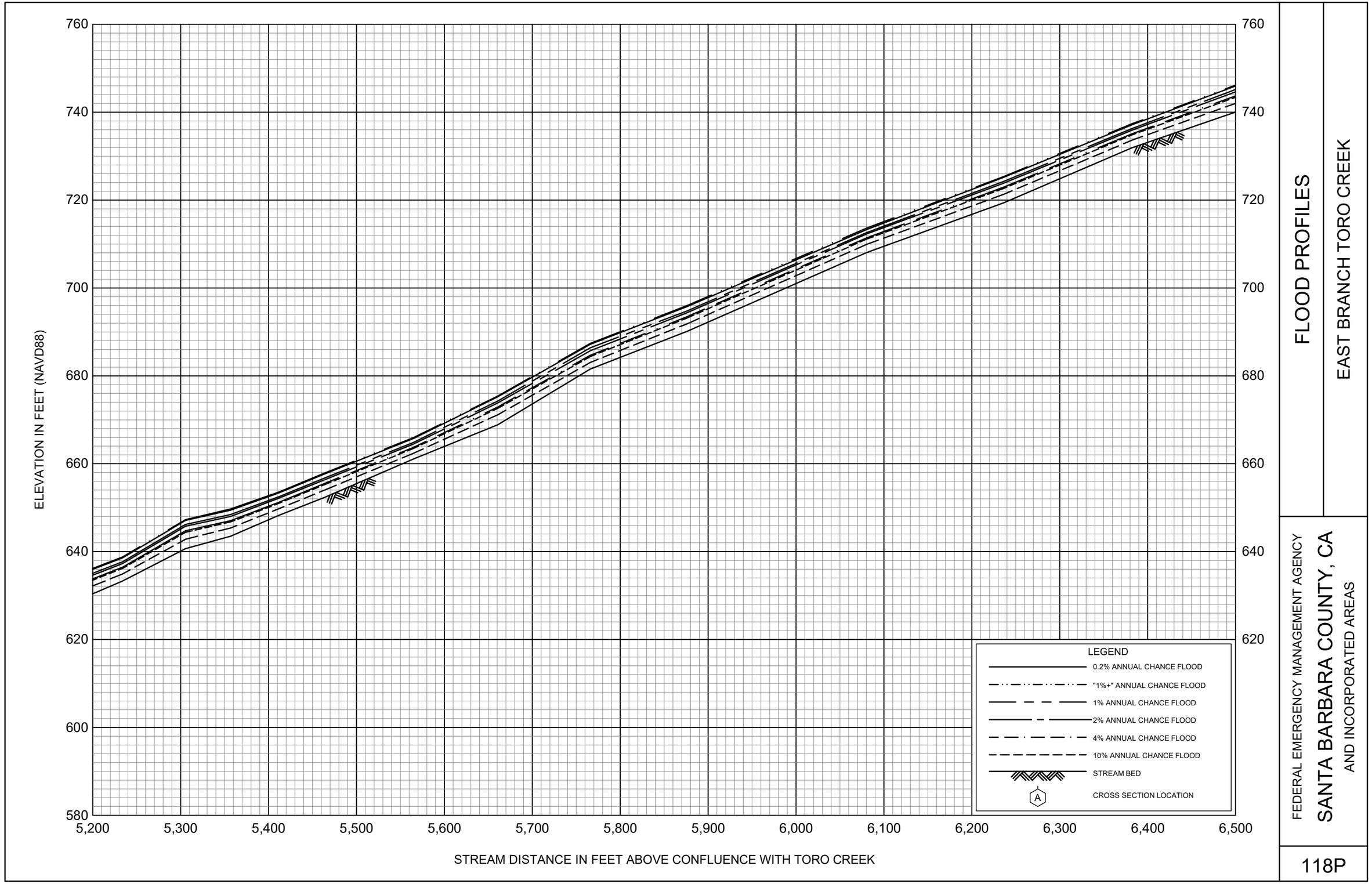
EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

117P



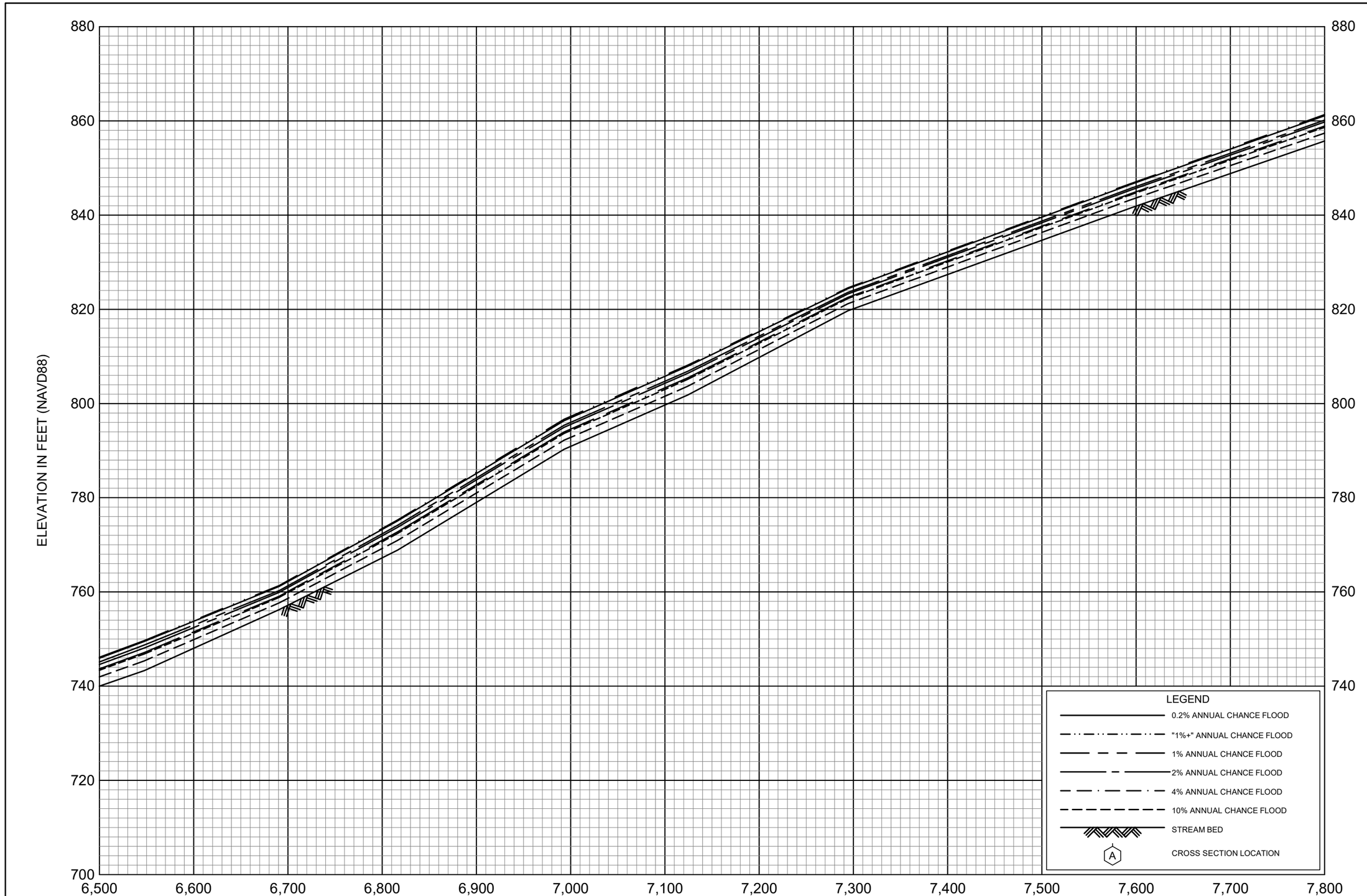
FLOOD PROFILES

EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



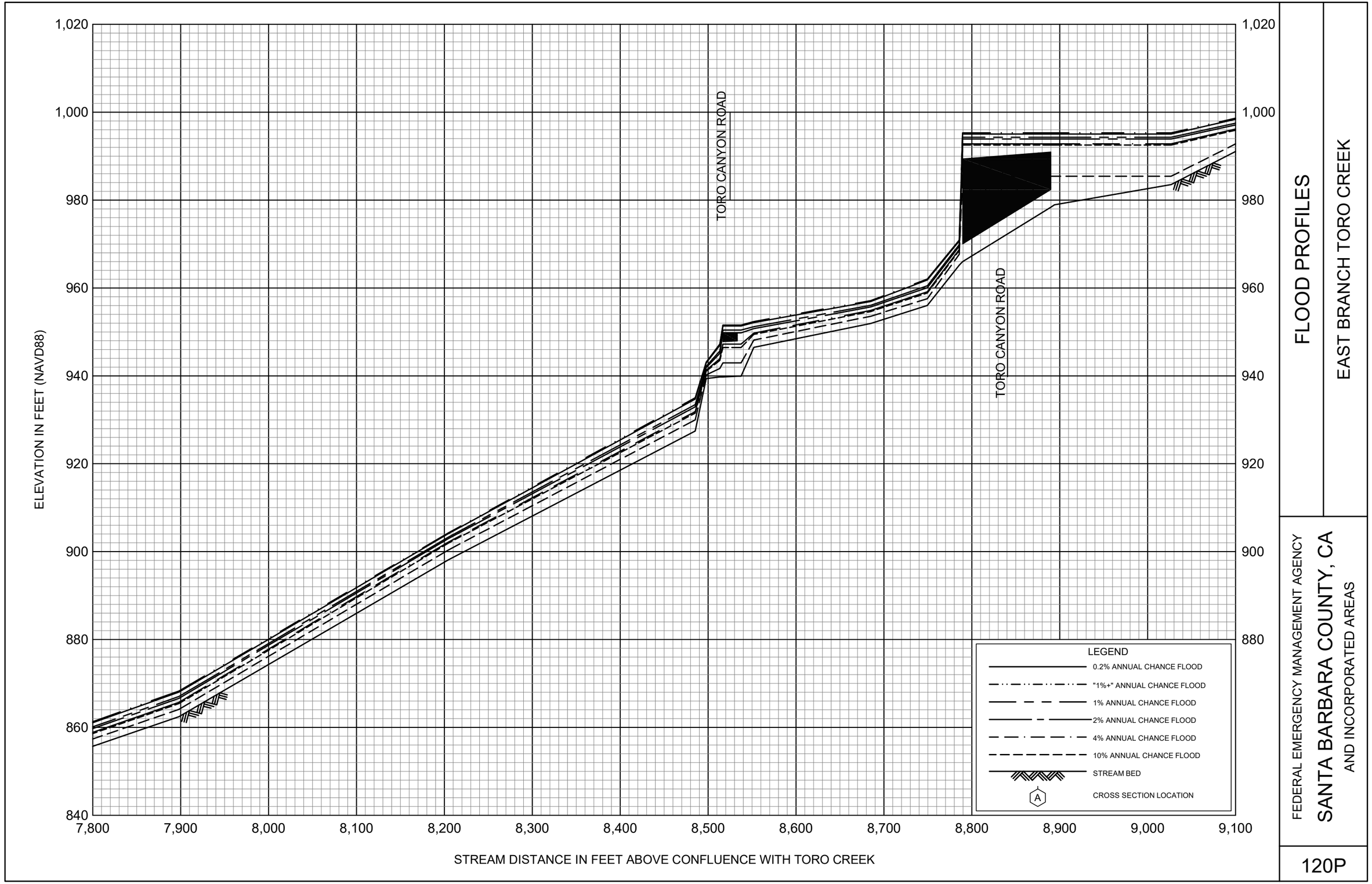
FLOOD PROFILES

EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

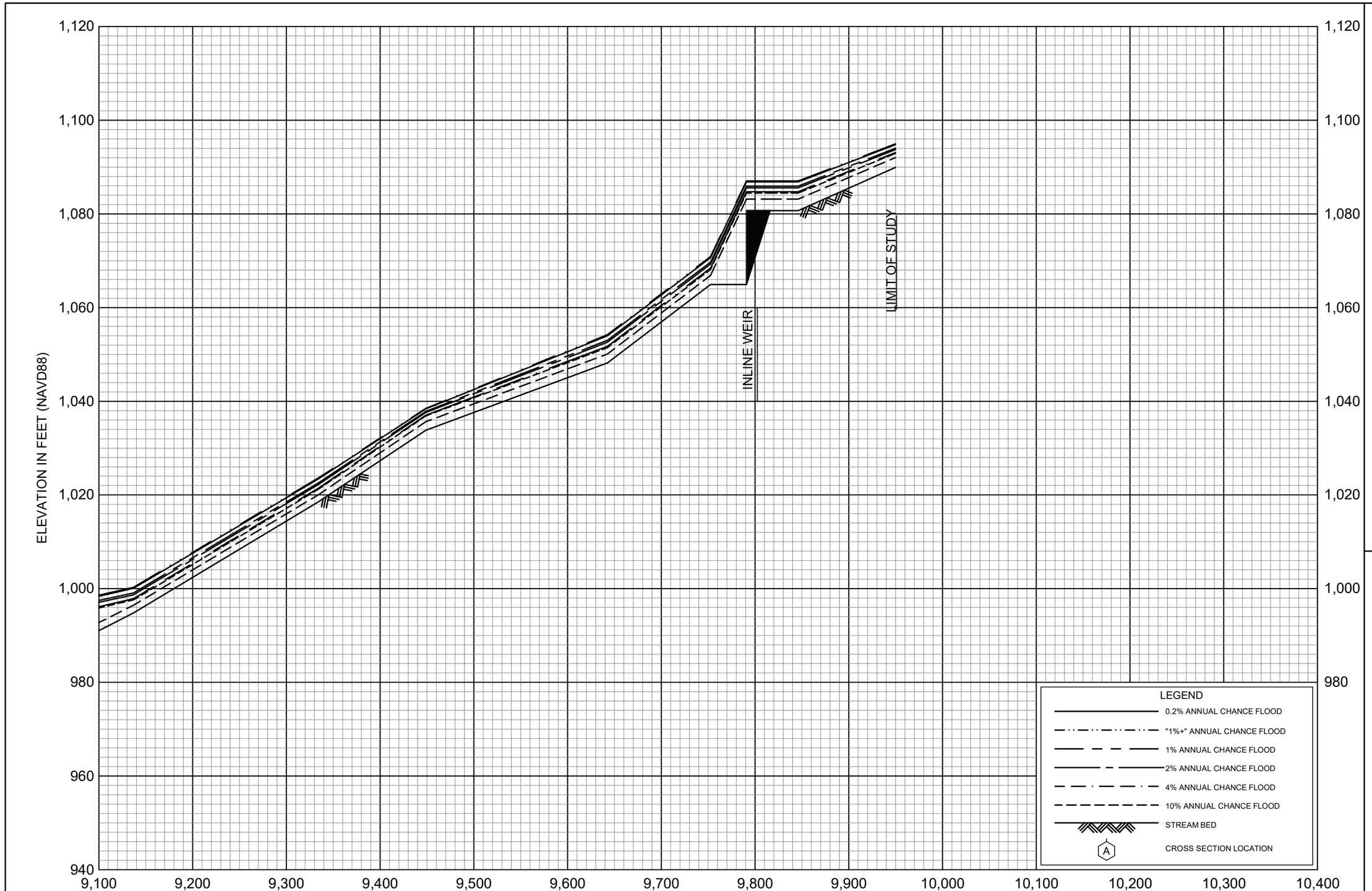
EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

120P



FLOOD PROFILES

EAST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

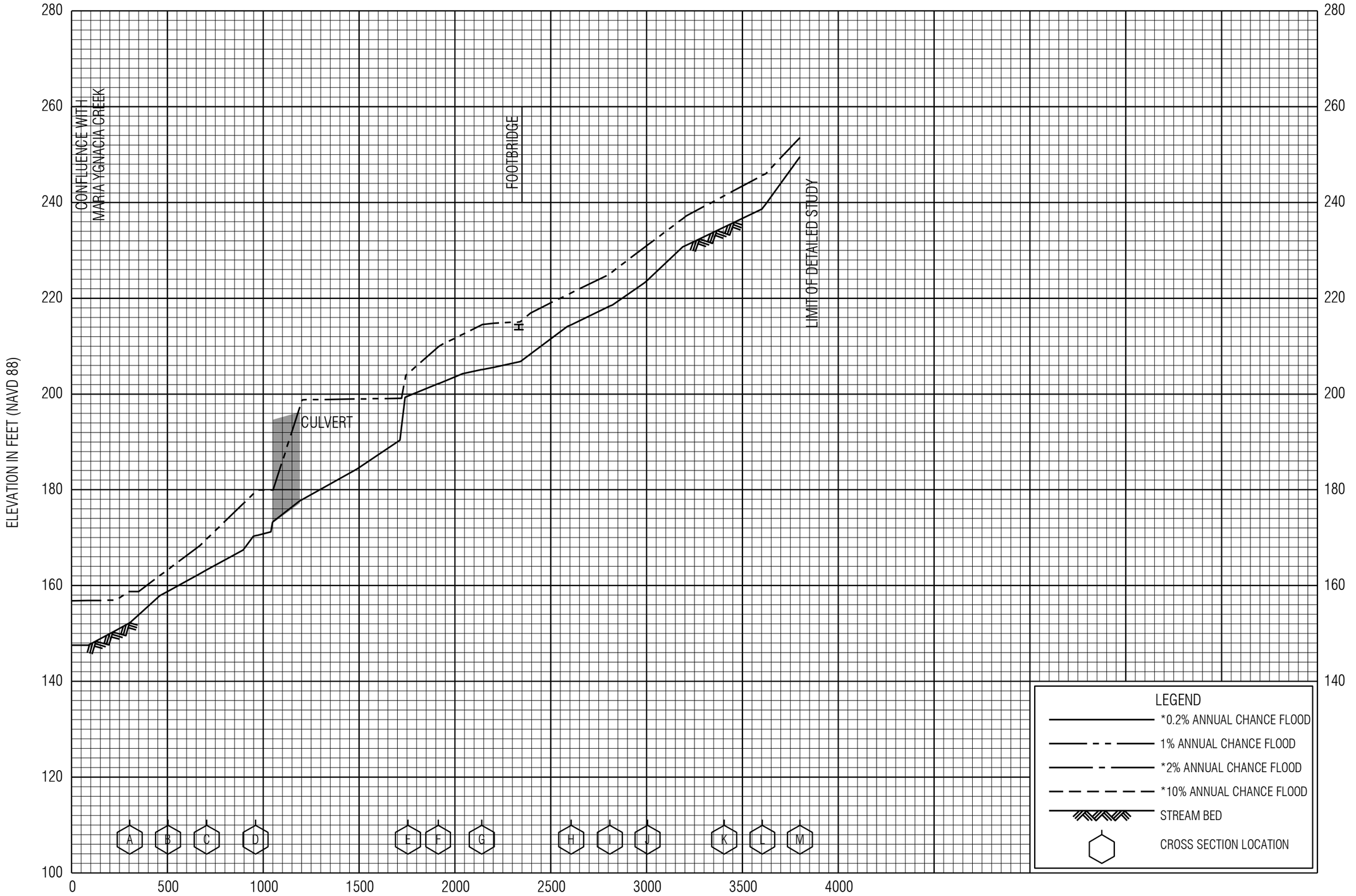
SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

121P

FLOOD PROFILES

EAST FORK MARIA YGNACIA CREEK

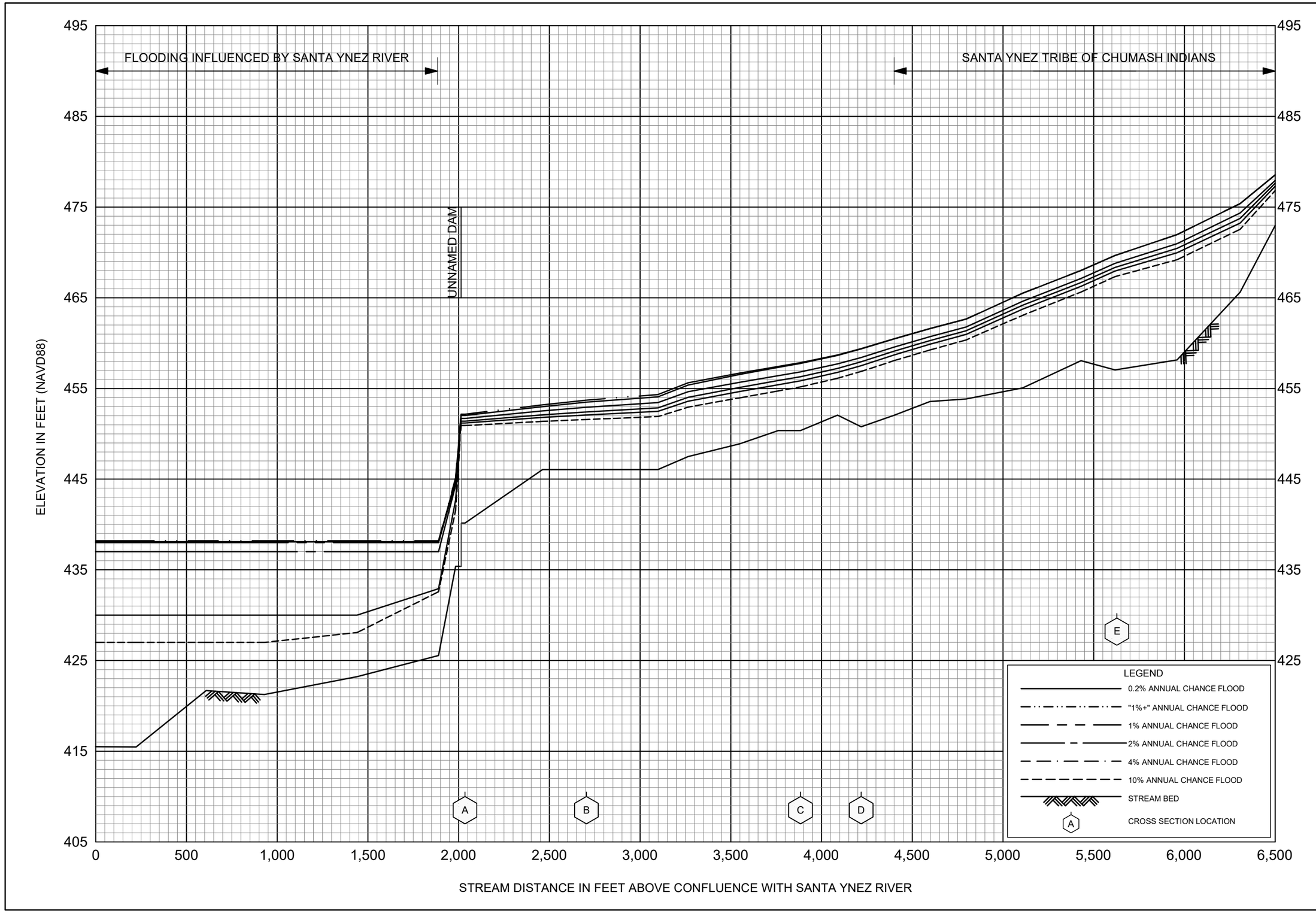


*DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

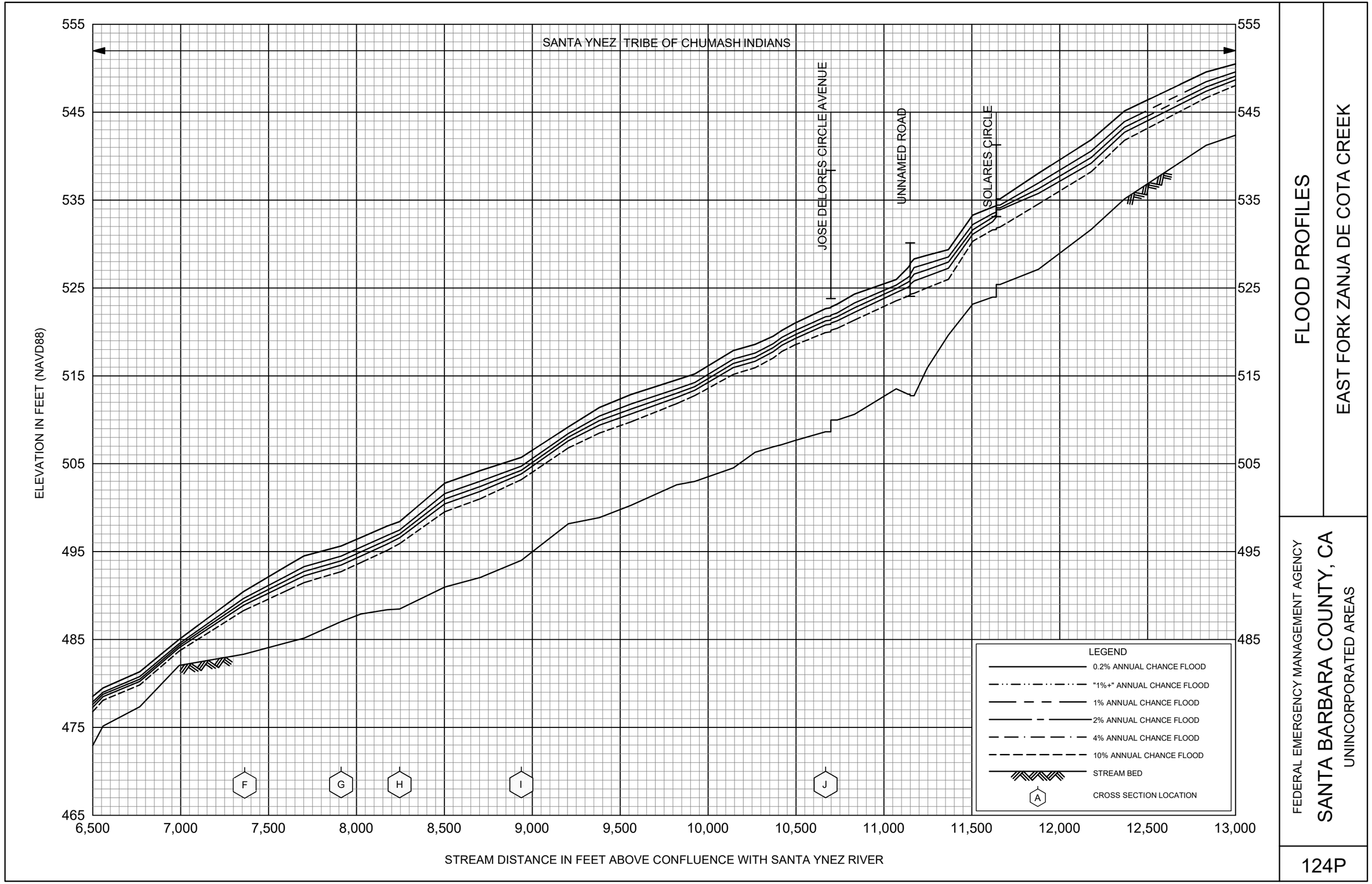
EAST FORK ZANJA DE COTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

UNINCORPORATED AREAS

123P



FLOOD PROFILES

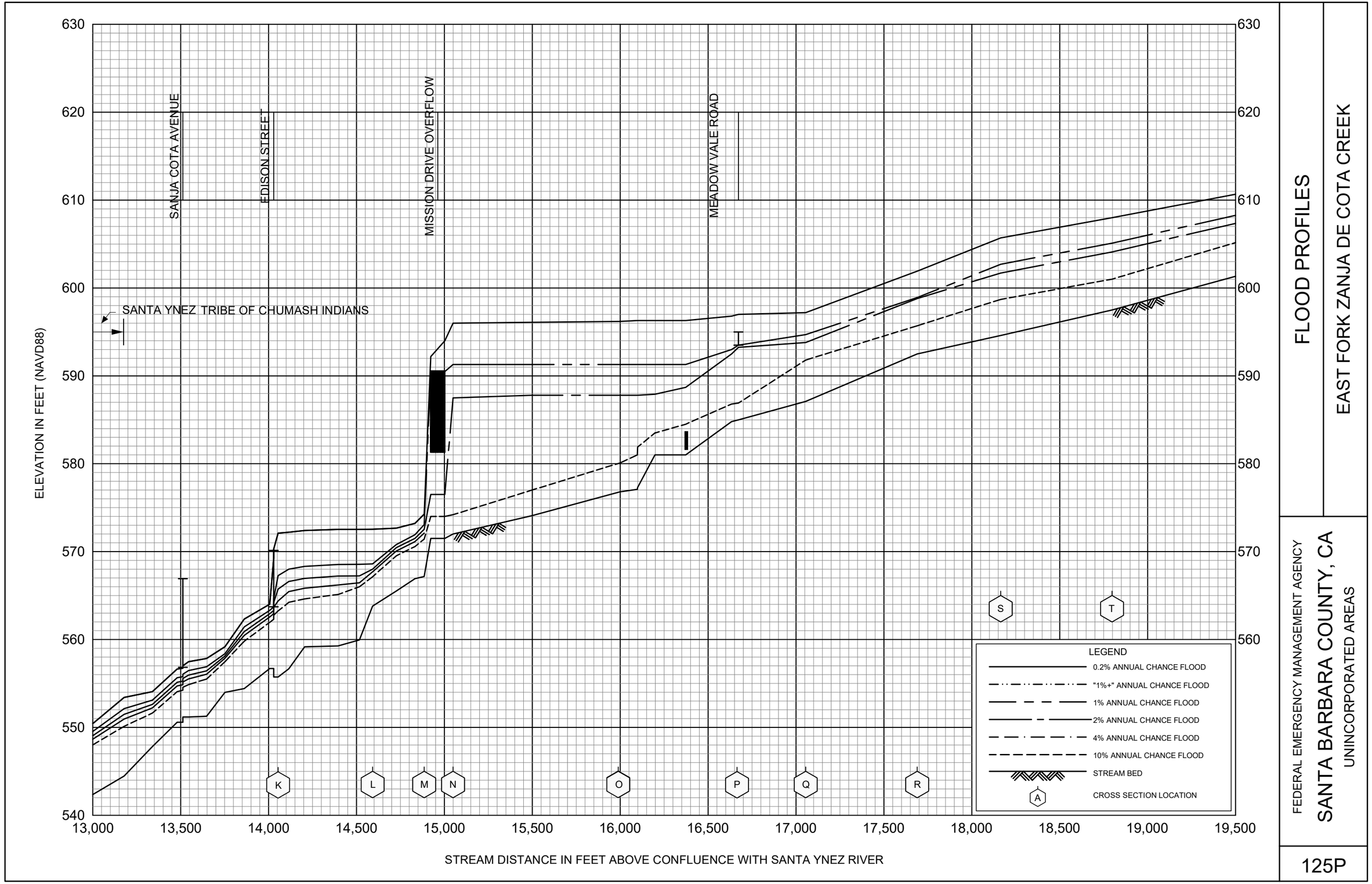
EAST FORK ZANJA DE COTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

UNINCORPORATED AREAS

124P



FLOOD PROFILES

EAST FORK ZANJA DE COTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

UNINCORPORATED AREAS

125P

FLOOD PROFILES

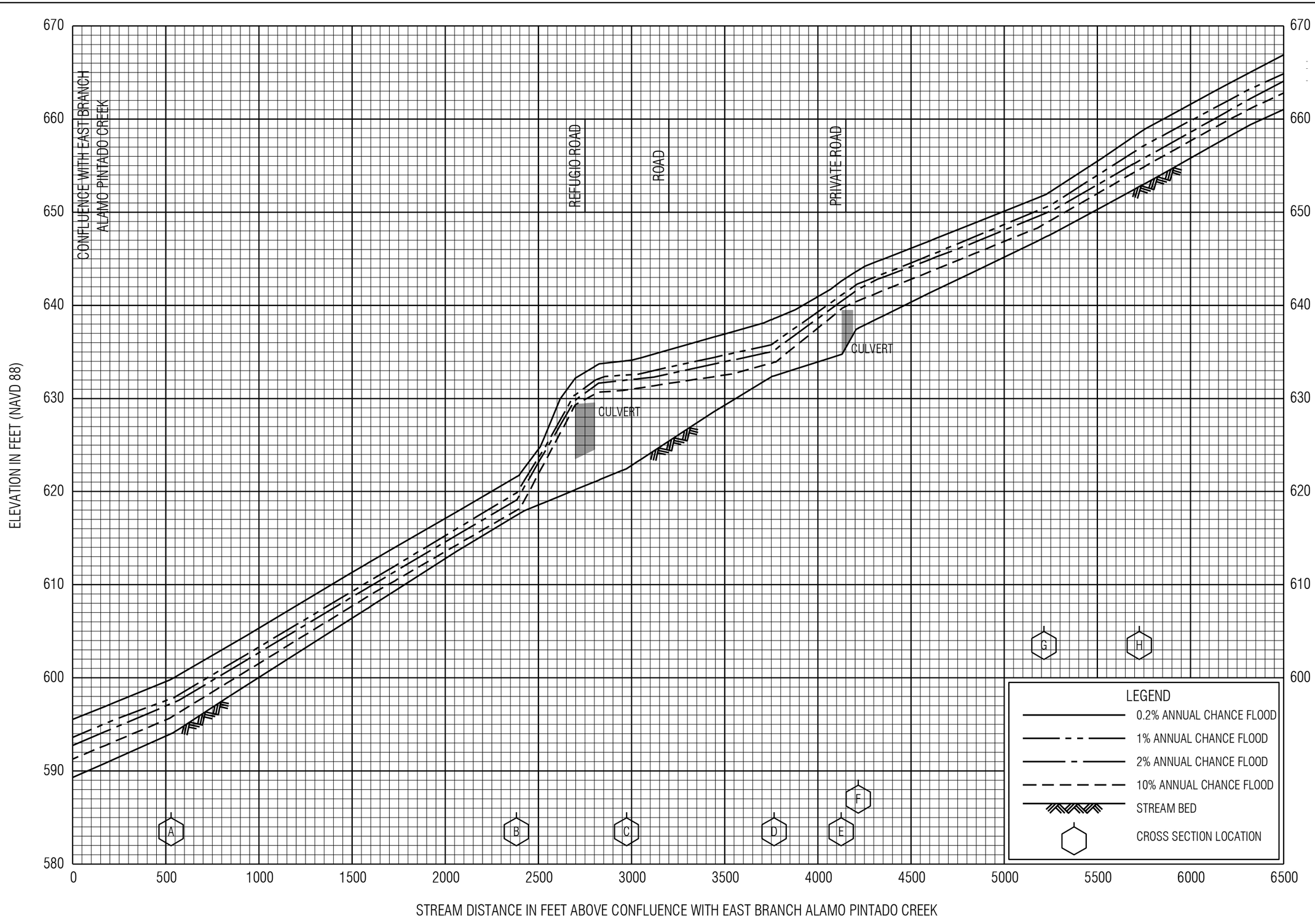
EAST FORK ZANJA DE COTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

UNINCORPORATED AREAS

126P



FLOOD PROFILES

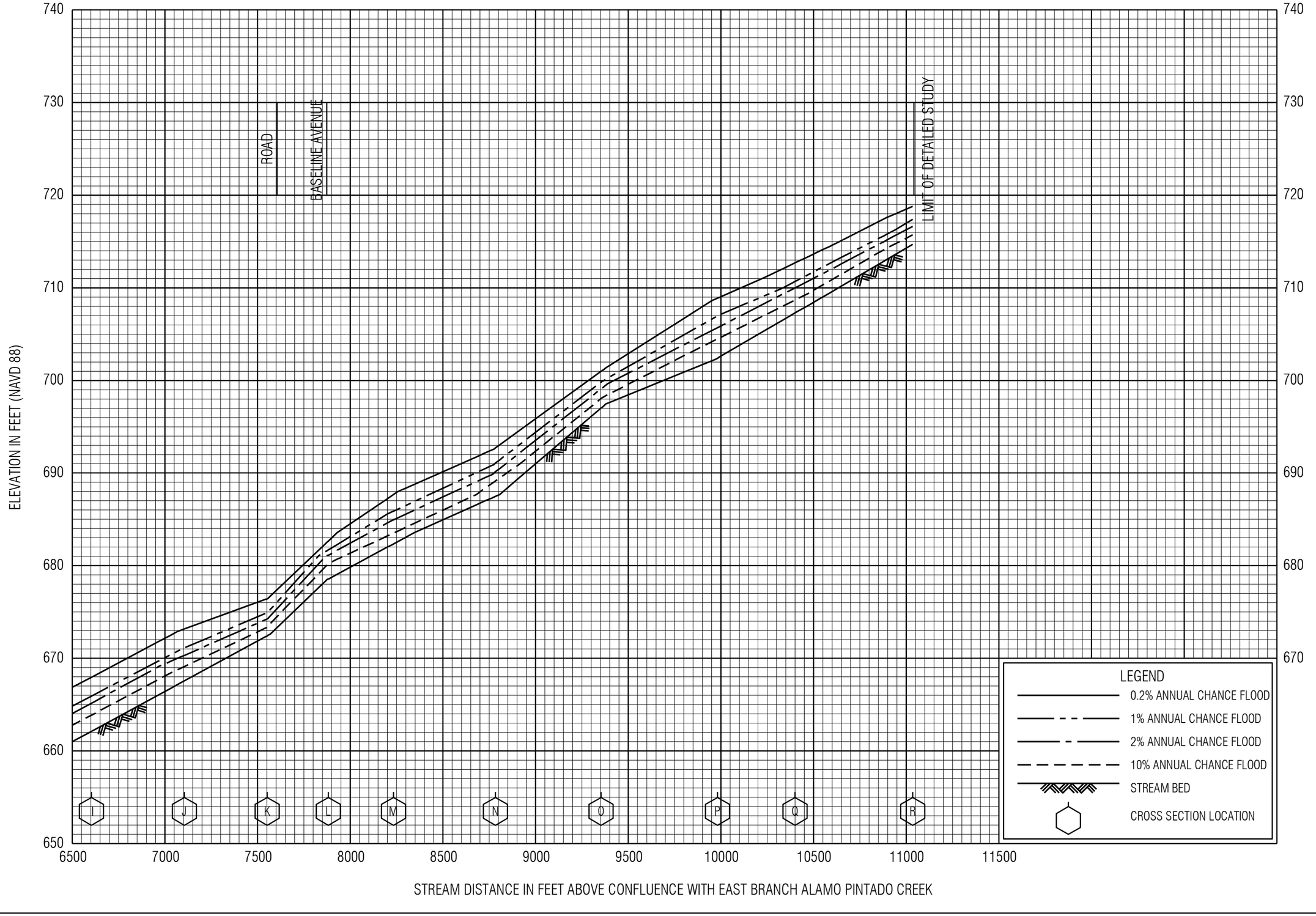
EAST TRIBUTARY TO EAST BRANCH ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

127P



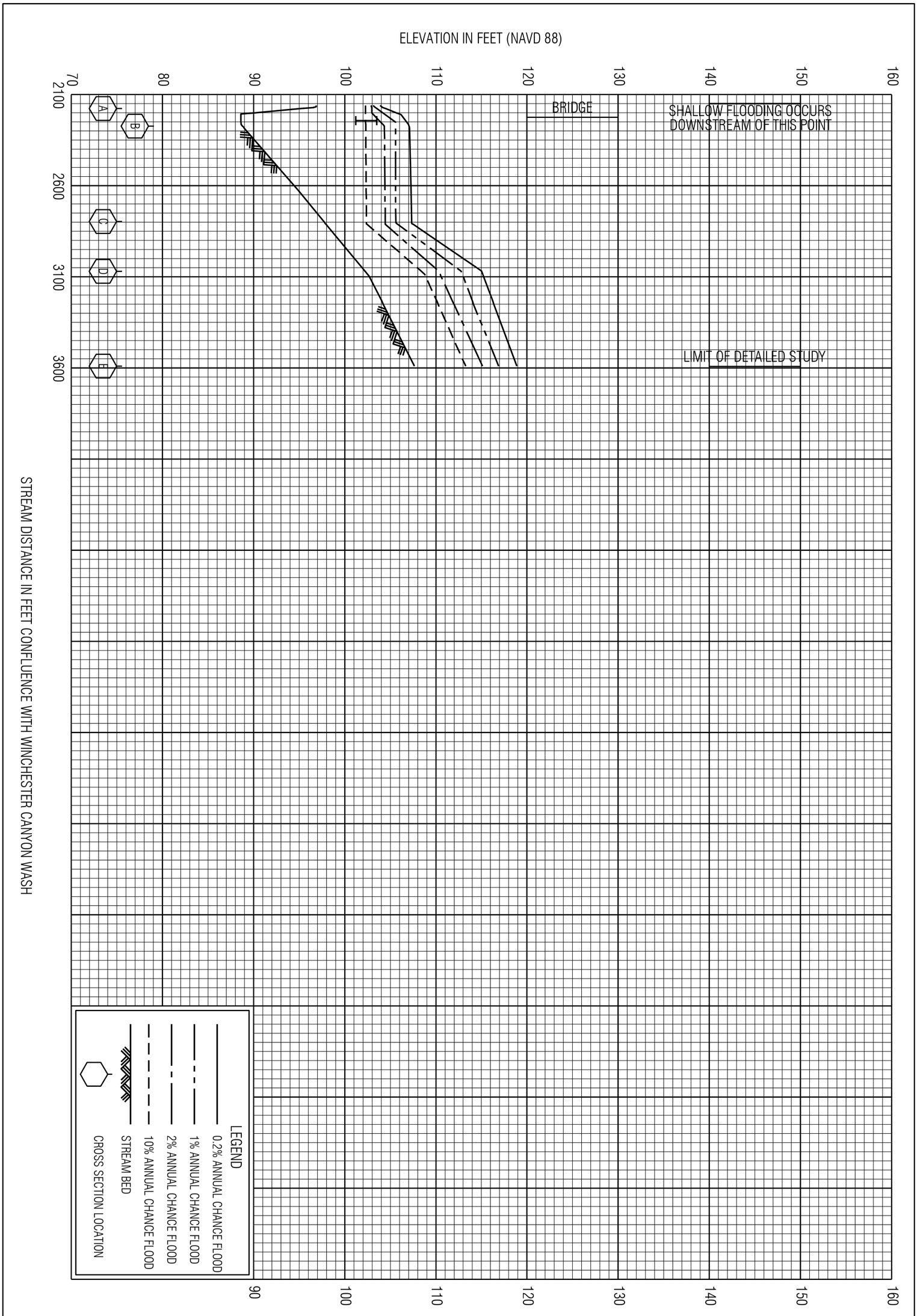
FLOOD PROFILES

EAST TRIBUTARY TO EAST BRANCH ALAMO PINTADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



129P

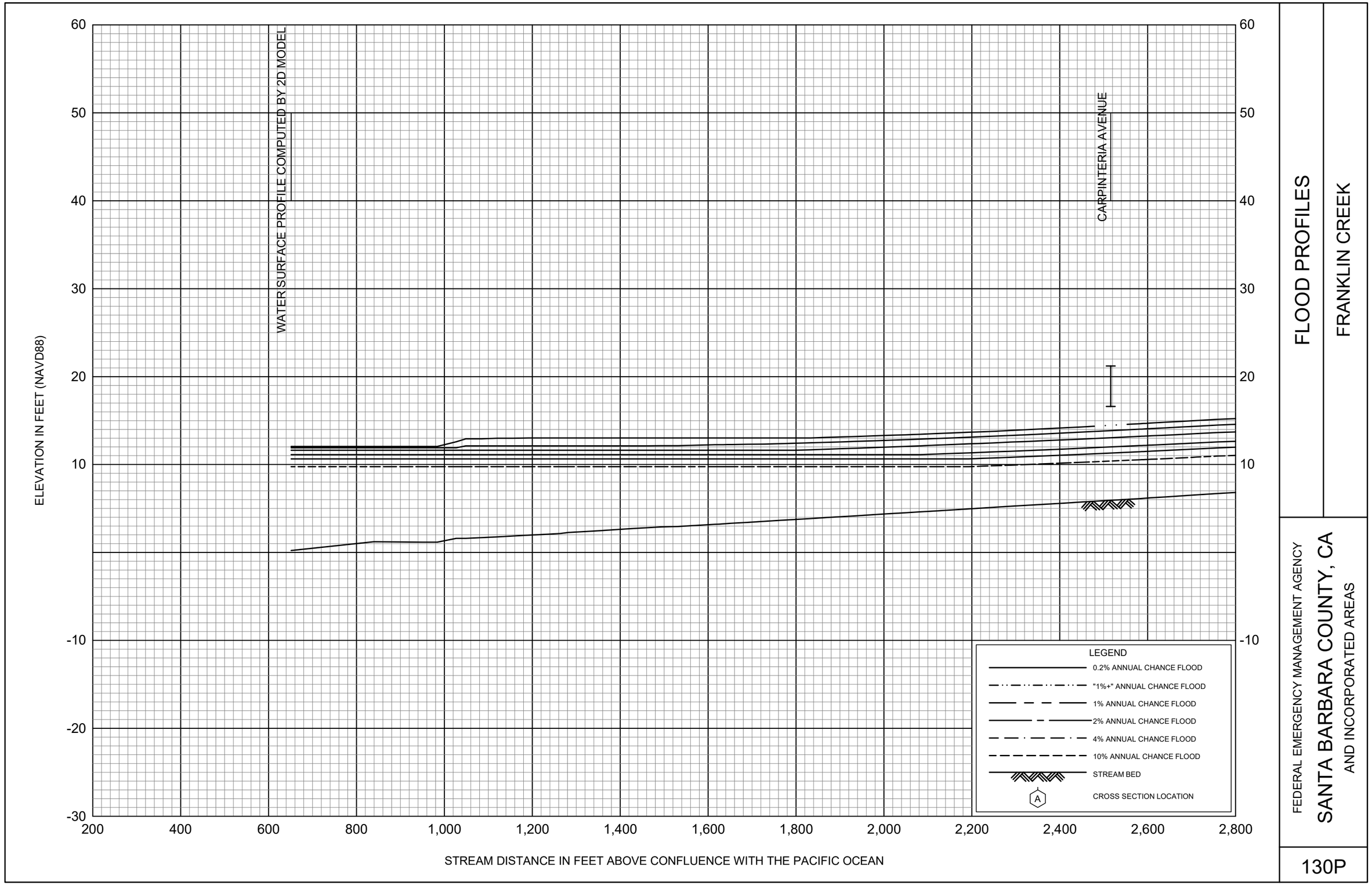
FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

ELLWOOD CANYON WASH



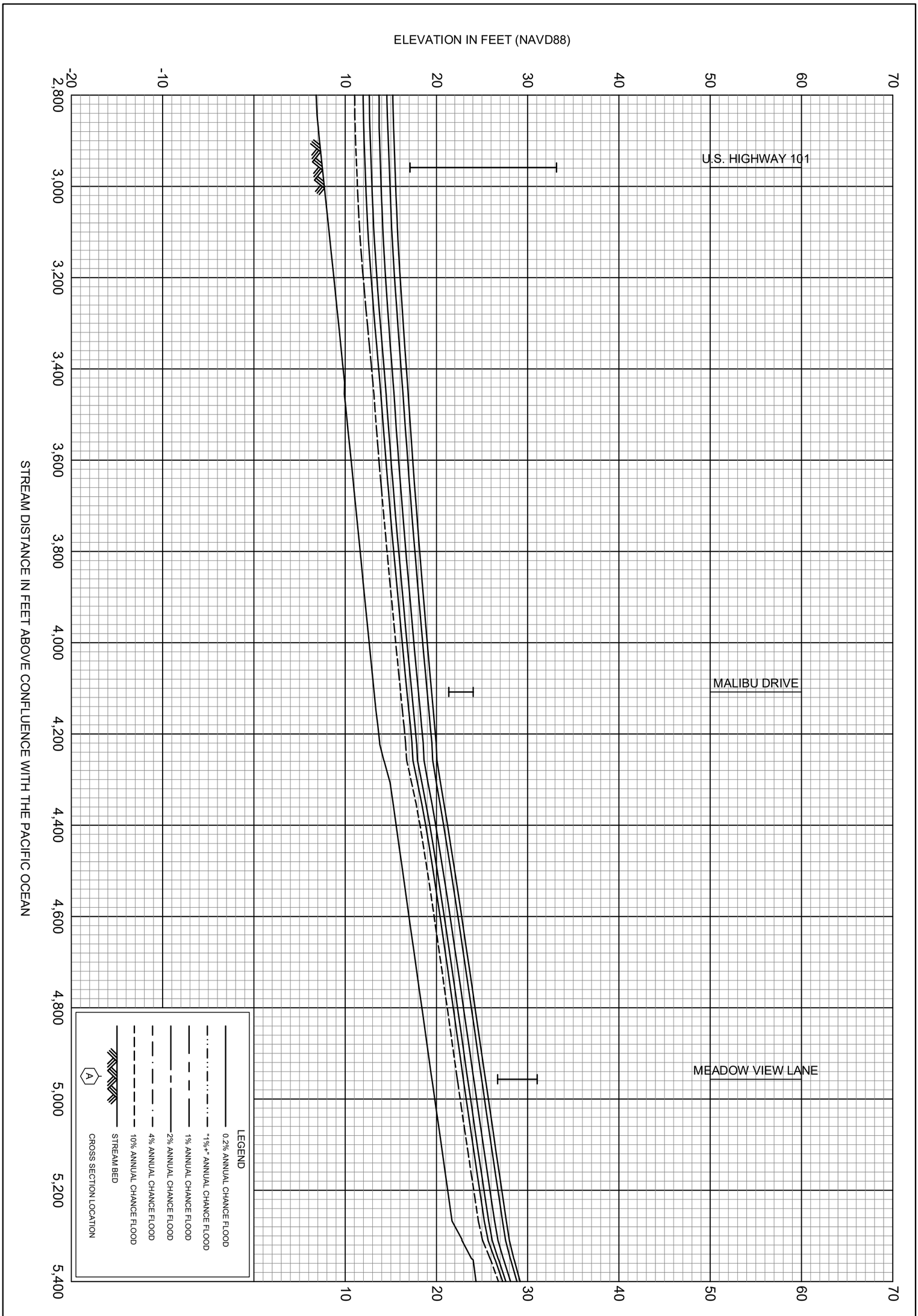
FLOOD PROFILES

FRANKLIN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

130P



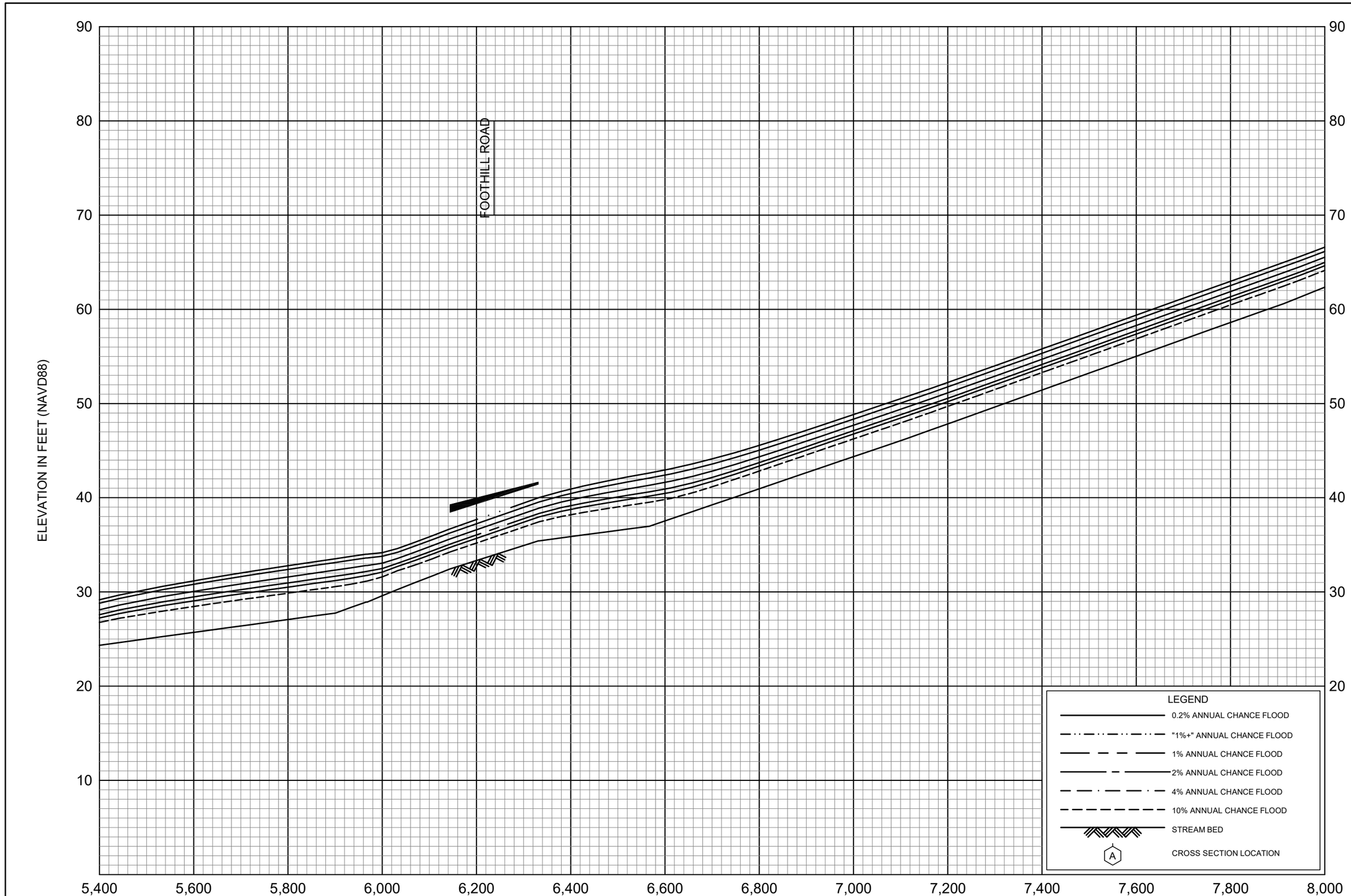
FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

FRANKLIN CREEK



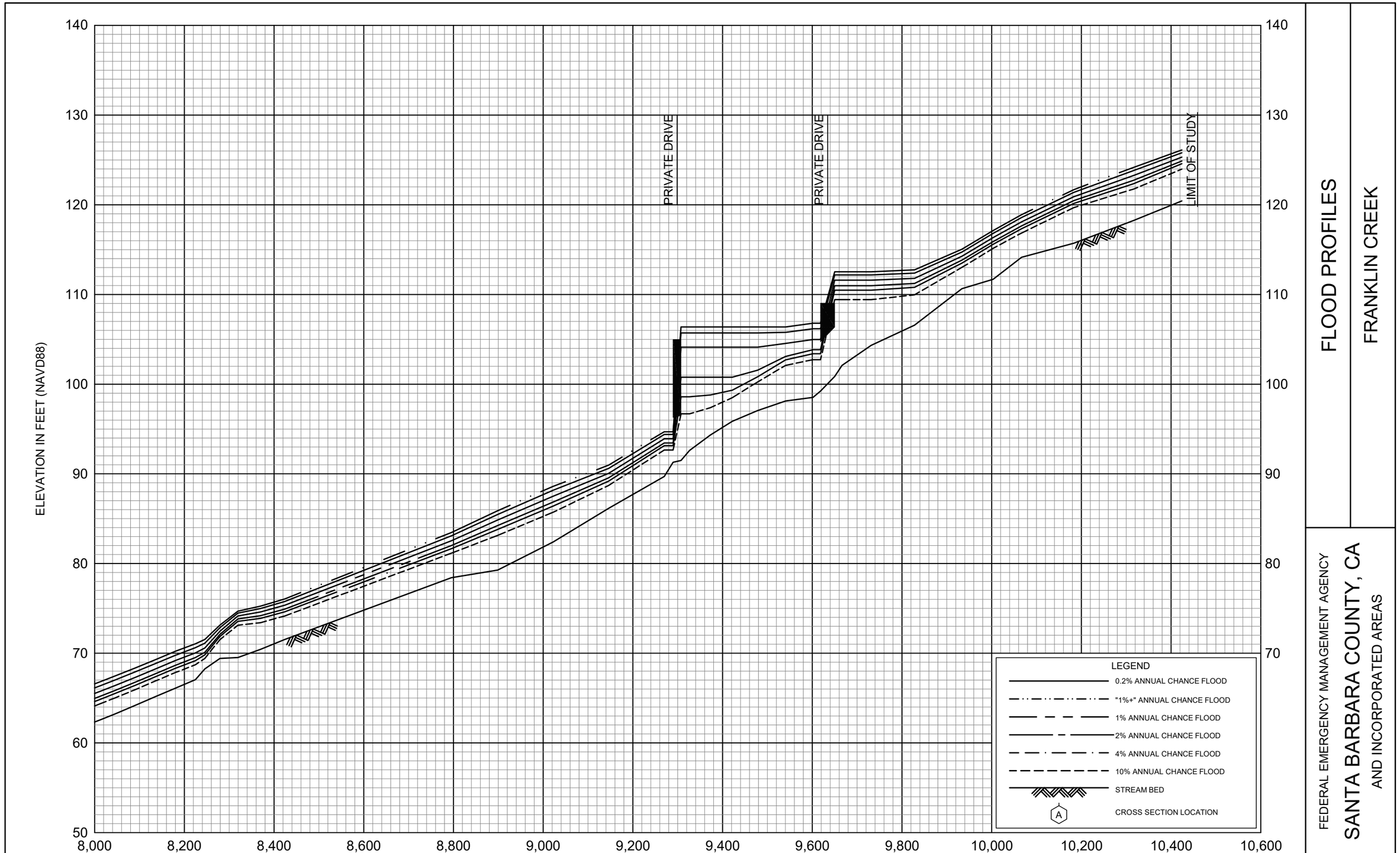
FLOOD PROFILES

FRANKLIN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

132P



FLOOD PROFILES

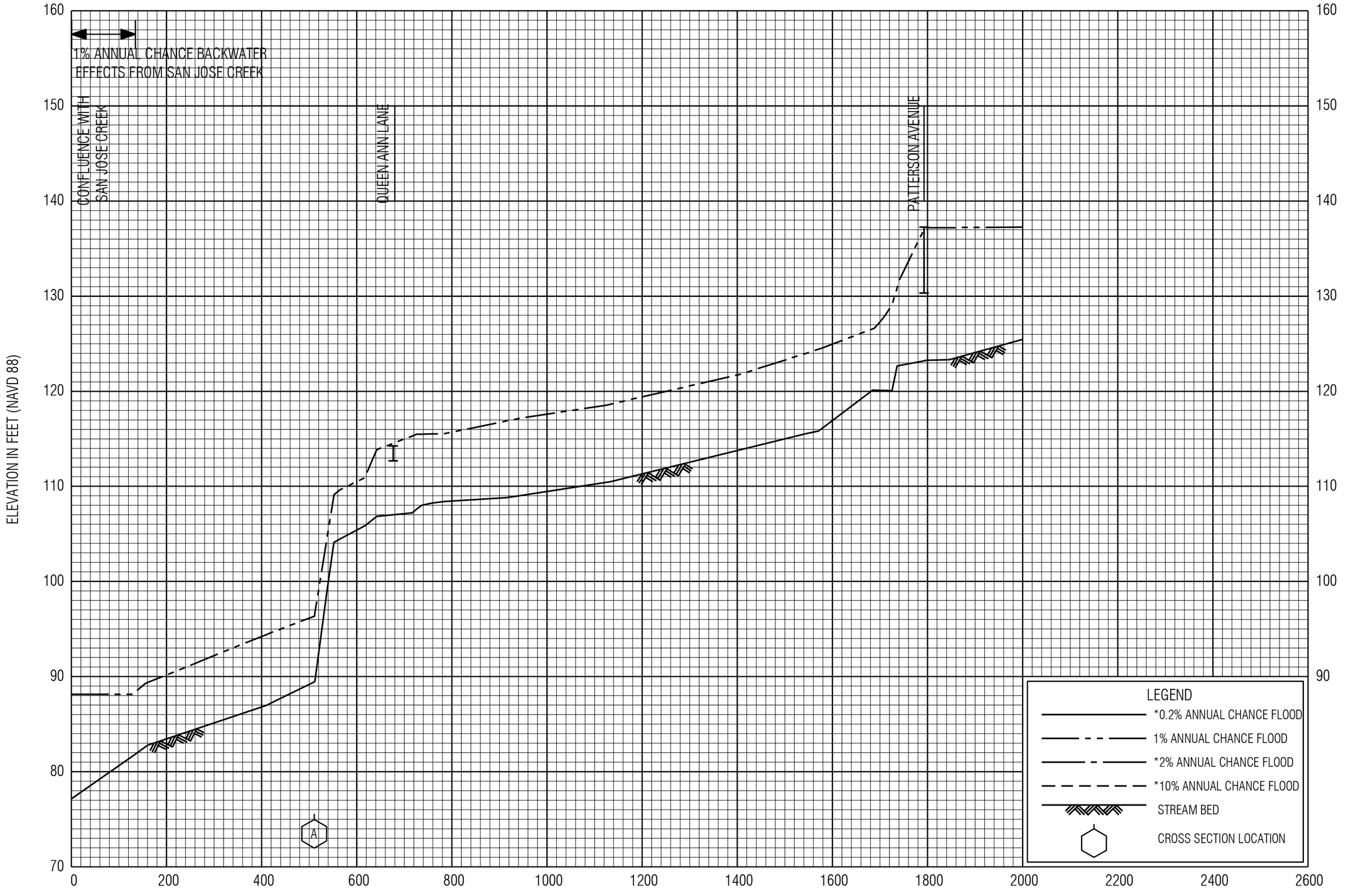
FRANKLIN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

133P



FLOOD PROFILES

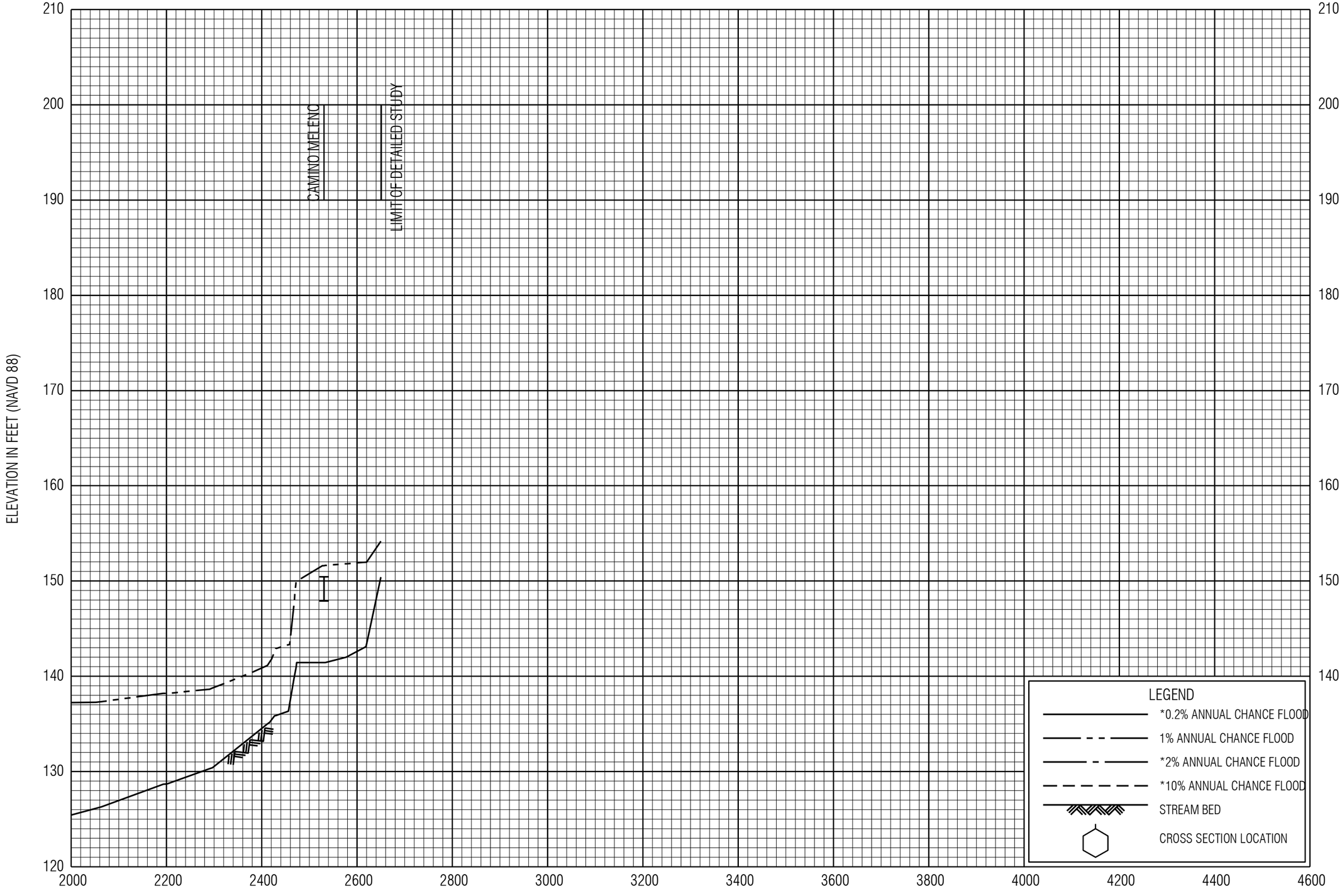
FREMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

134P



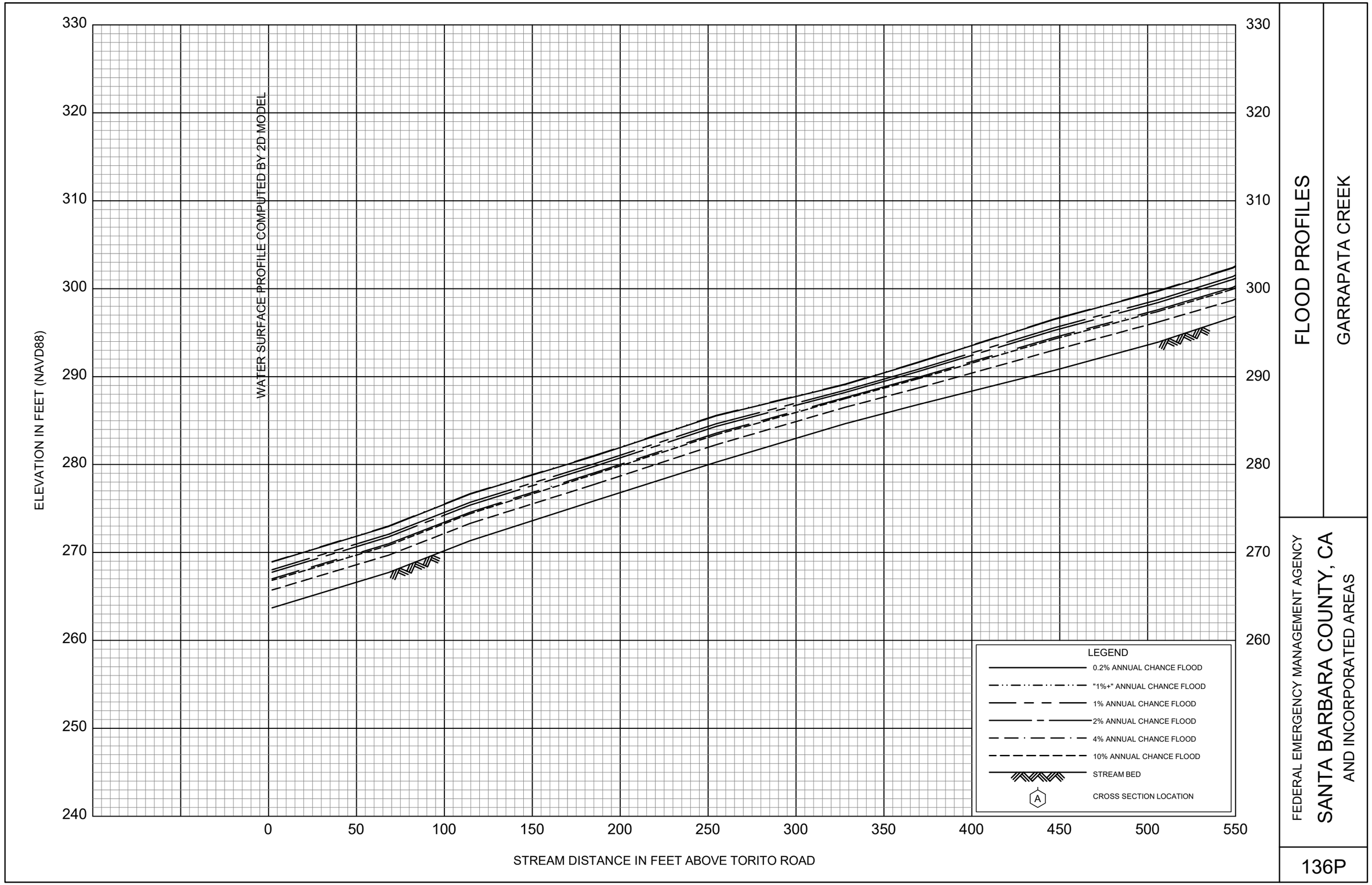
FLOOD PROFILES

FREMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



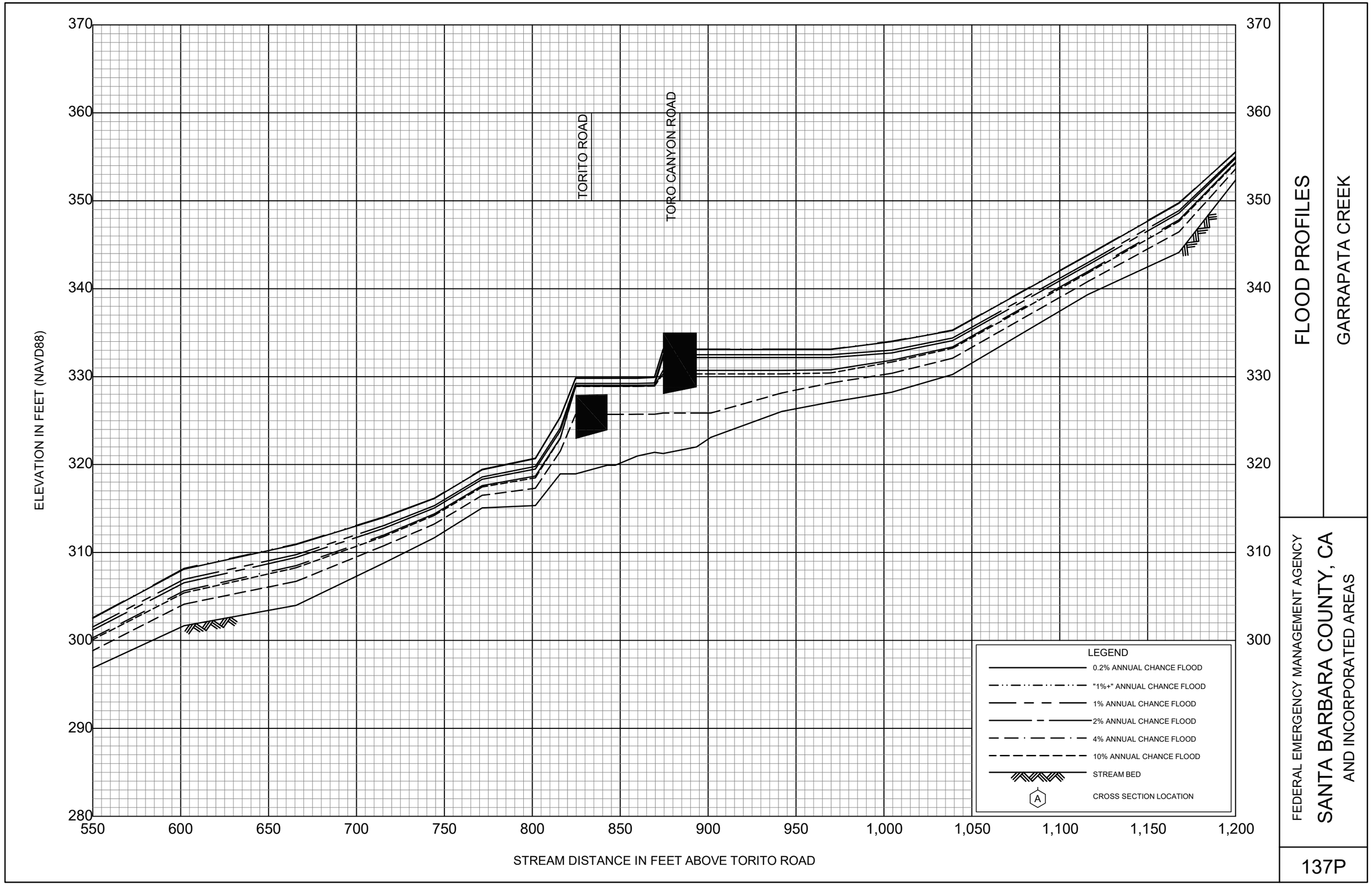
FLOOD PROFILES

GARRAPATA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

136P



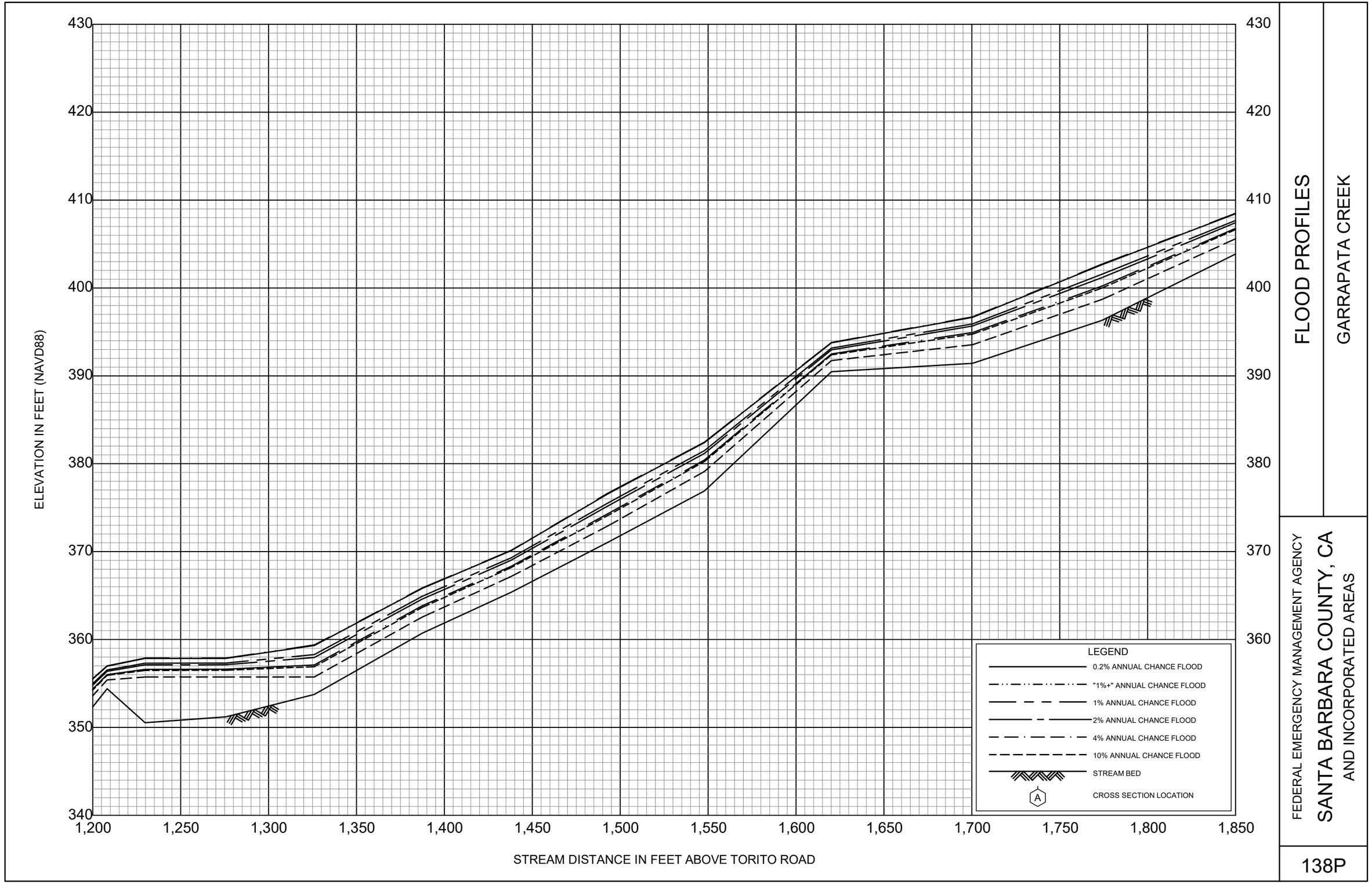
FLOOD PROFILES

GARRAPATA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

137P



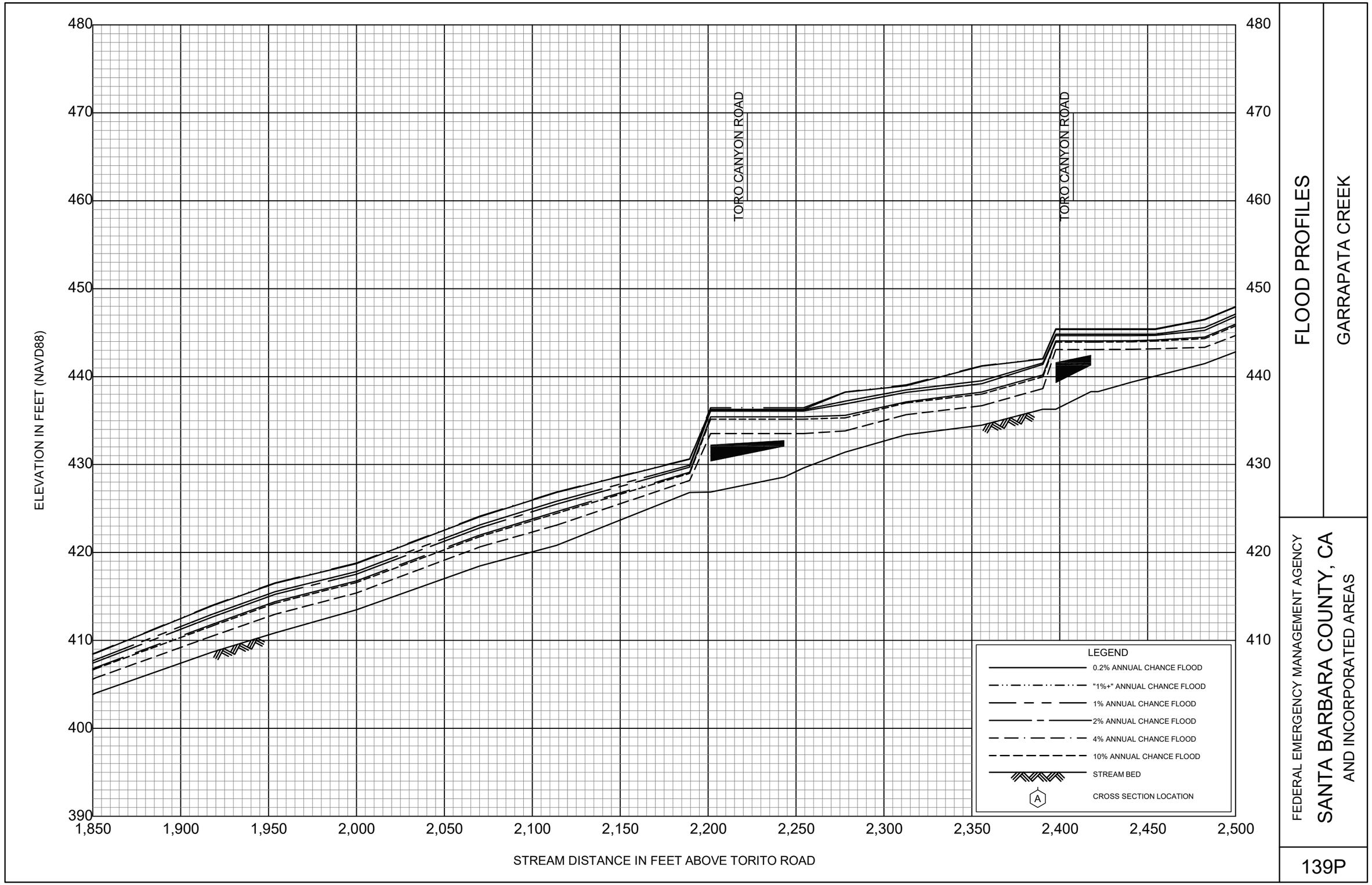
FLOOD PROFILES

GARRAPATA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

138P



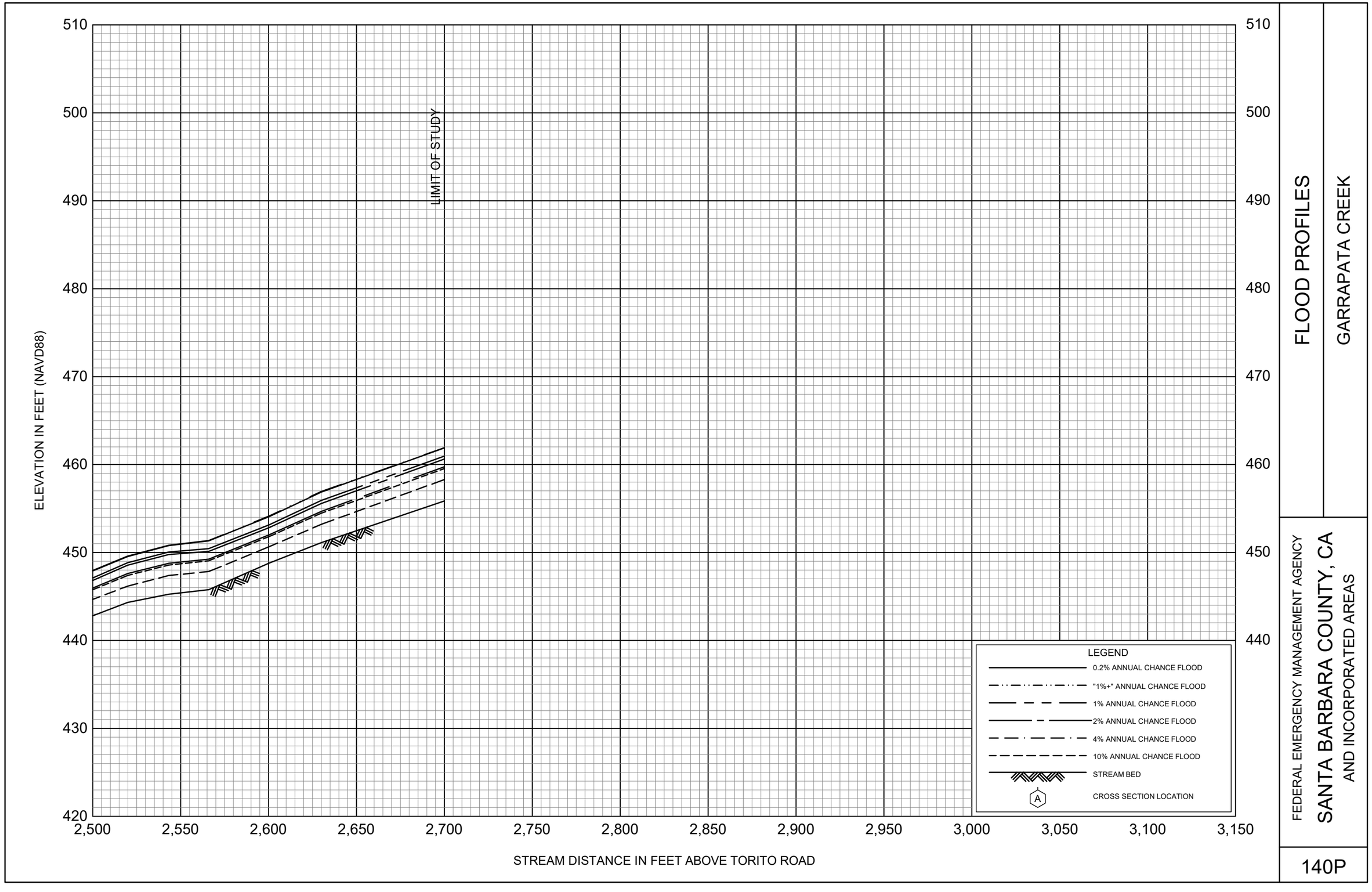
FLOOD PROFILES

GARRAPATA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

139P



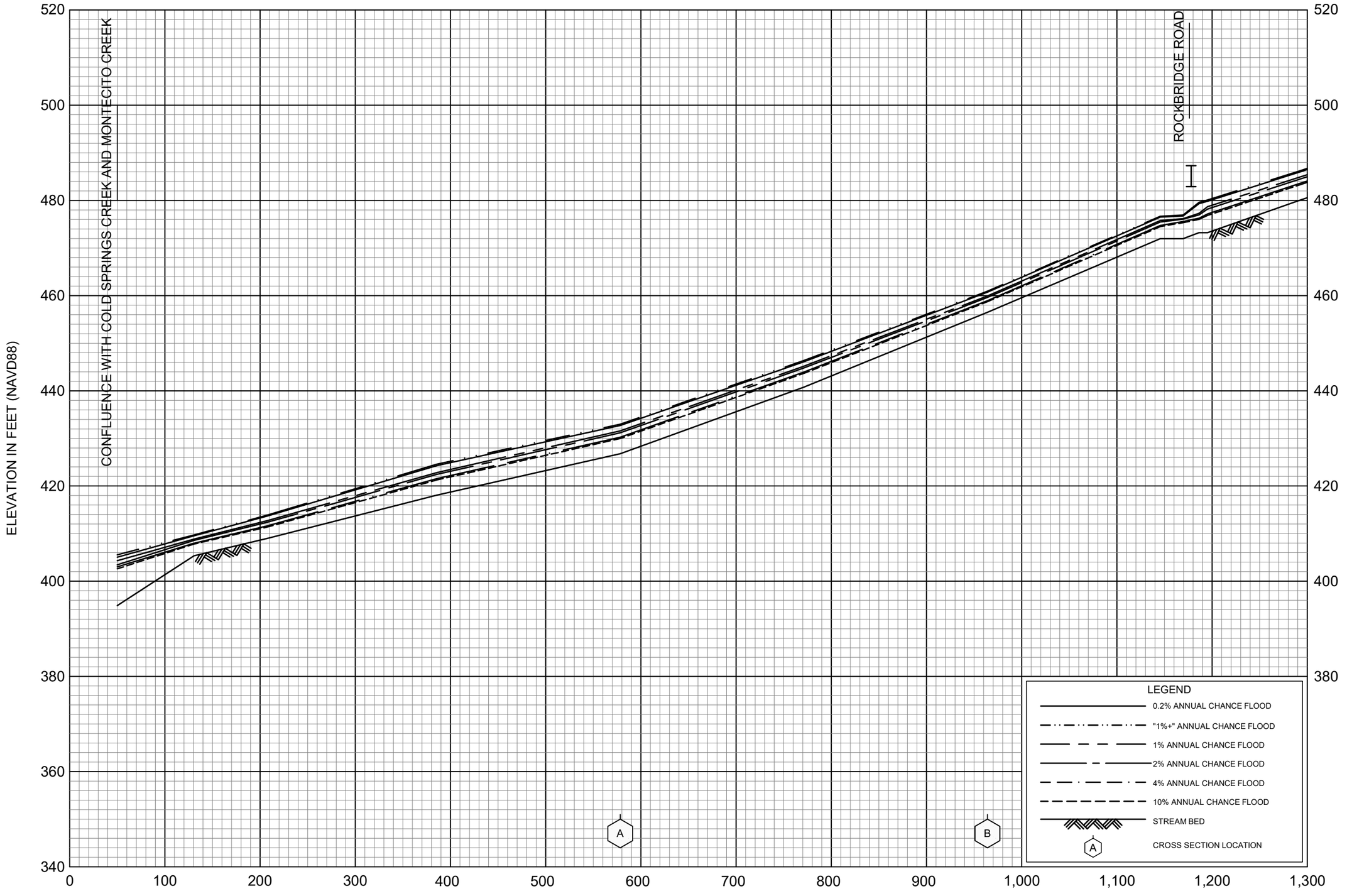
FLOOD PROFILES

GARRAPATA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

140P



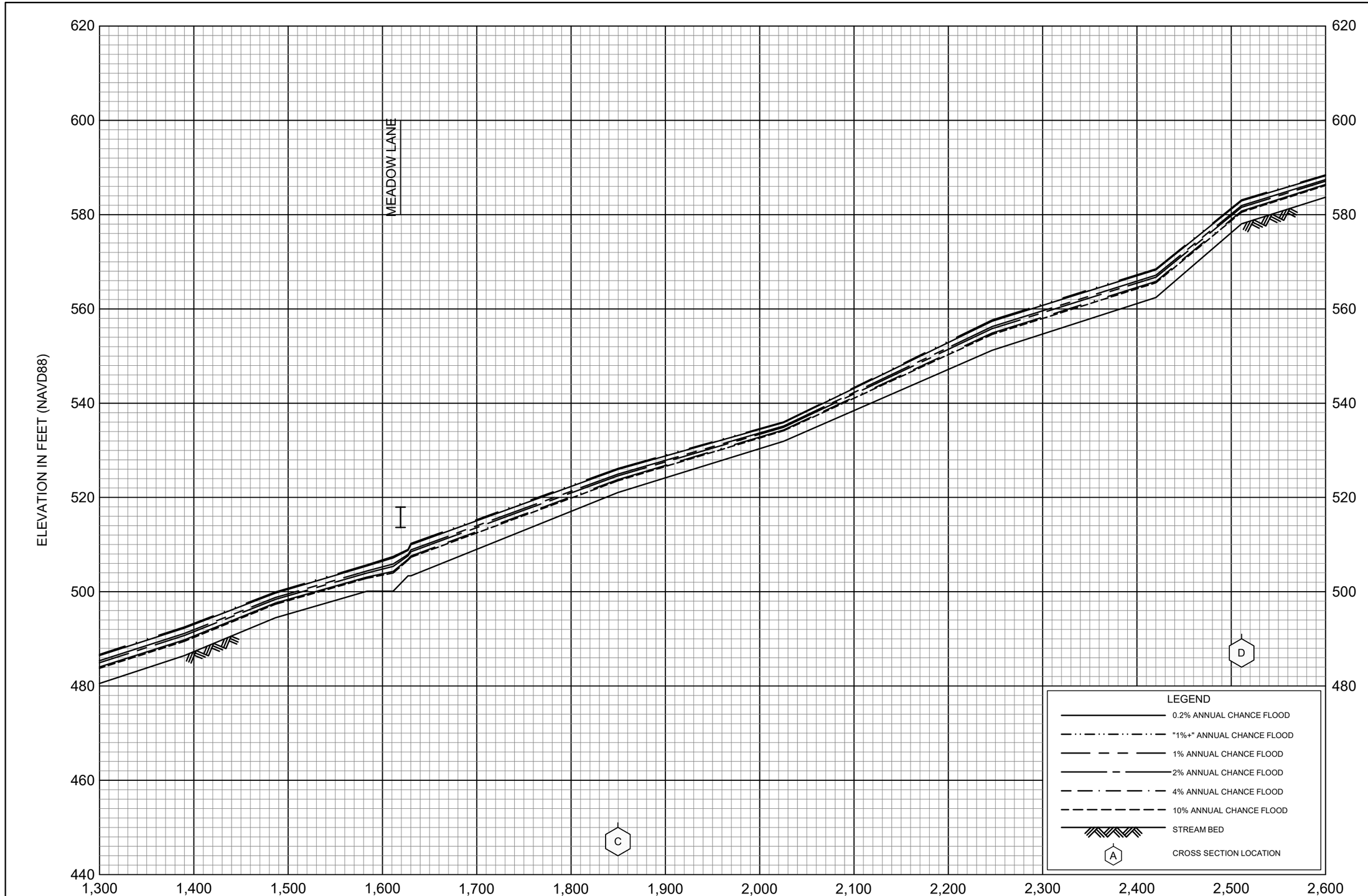
FLOOD PROFILES

HOT SPRING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

141P



FLOOD PROFILES

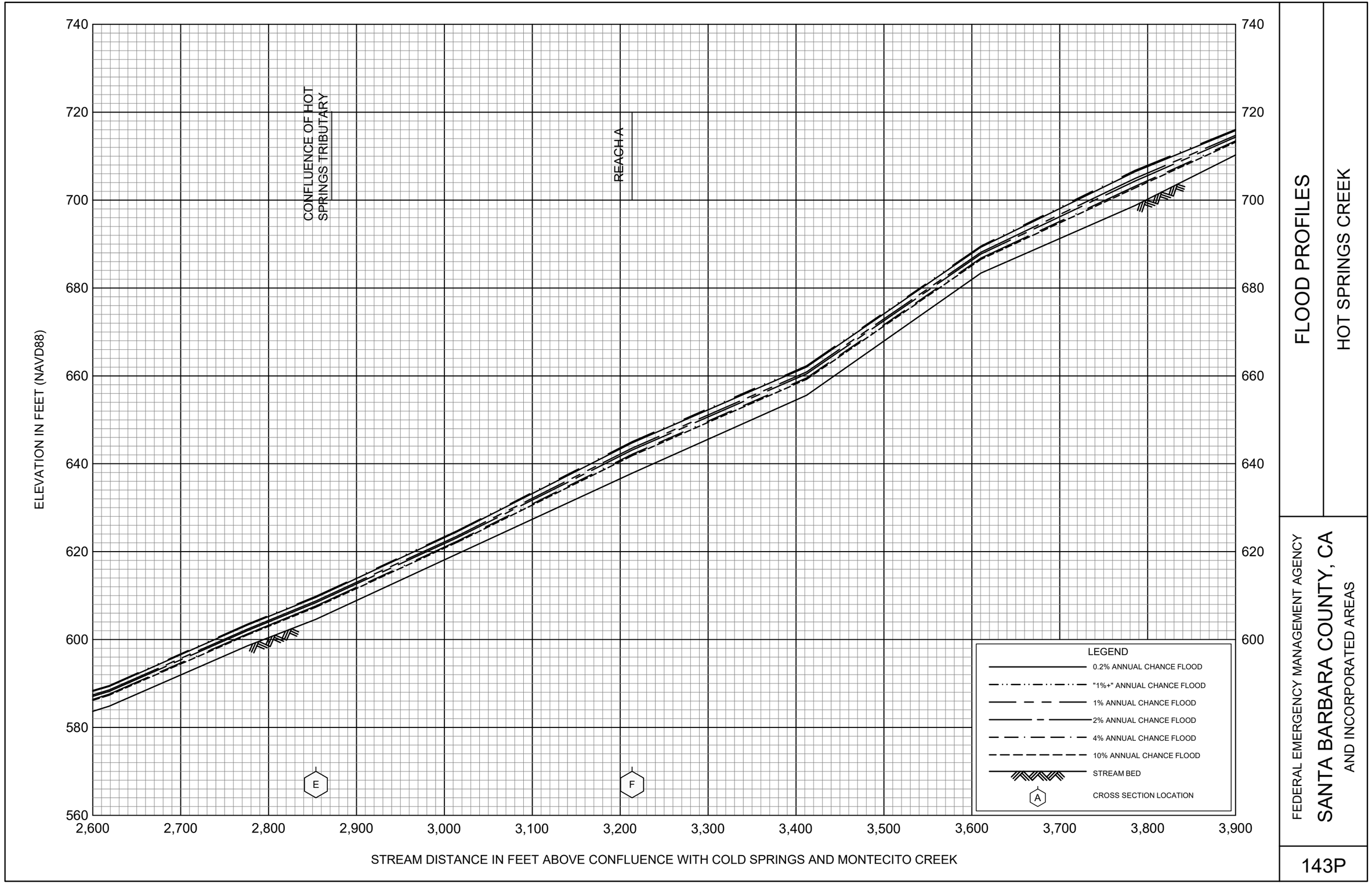
HOT SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

142P



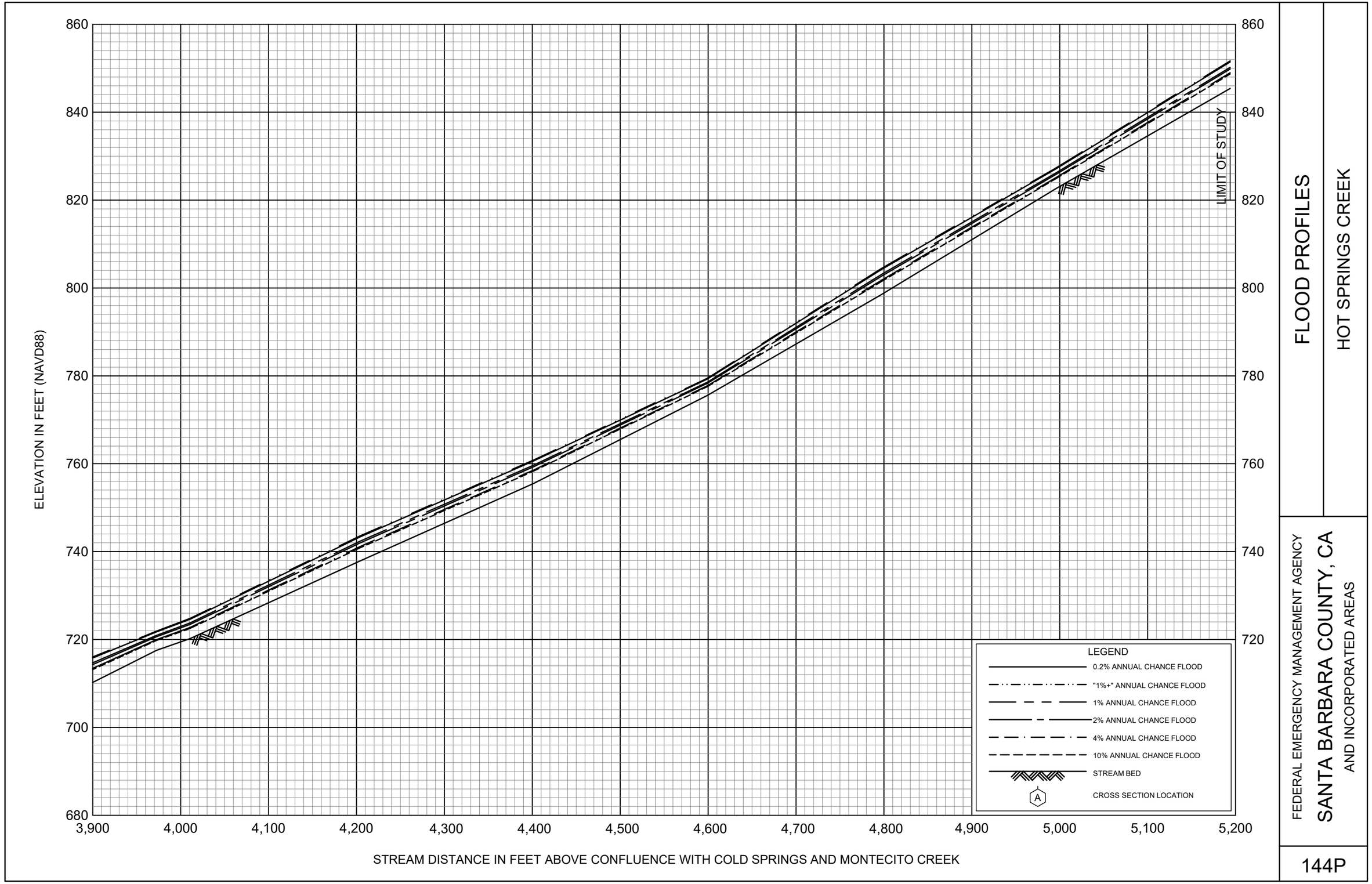
FLOOD PROFILES

HOT SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

143P



FLOOD PROFILES

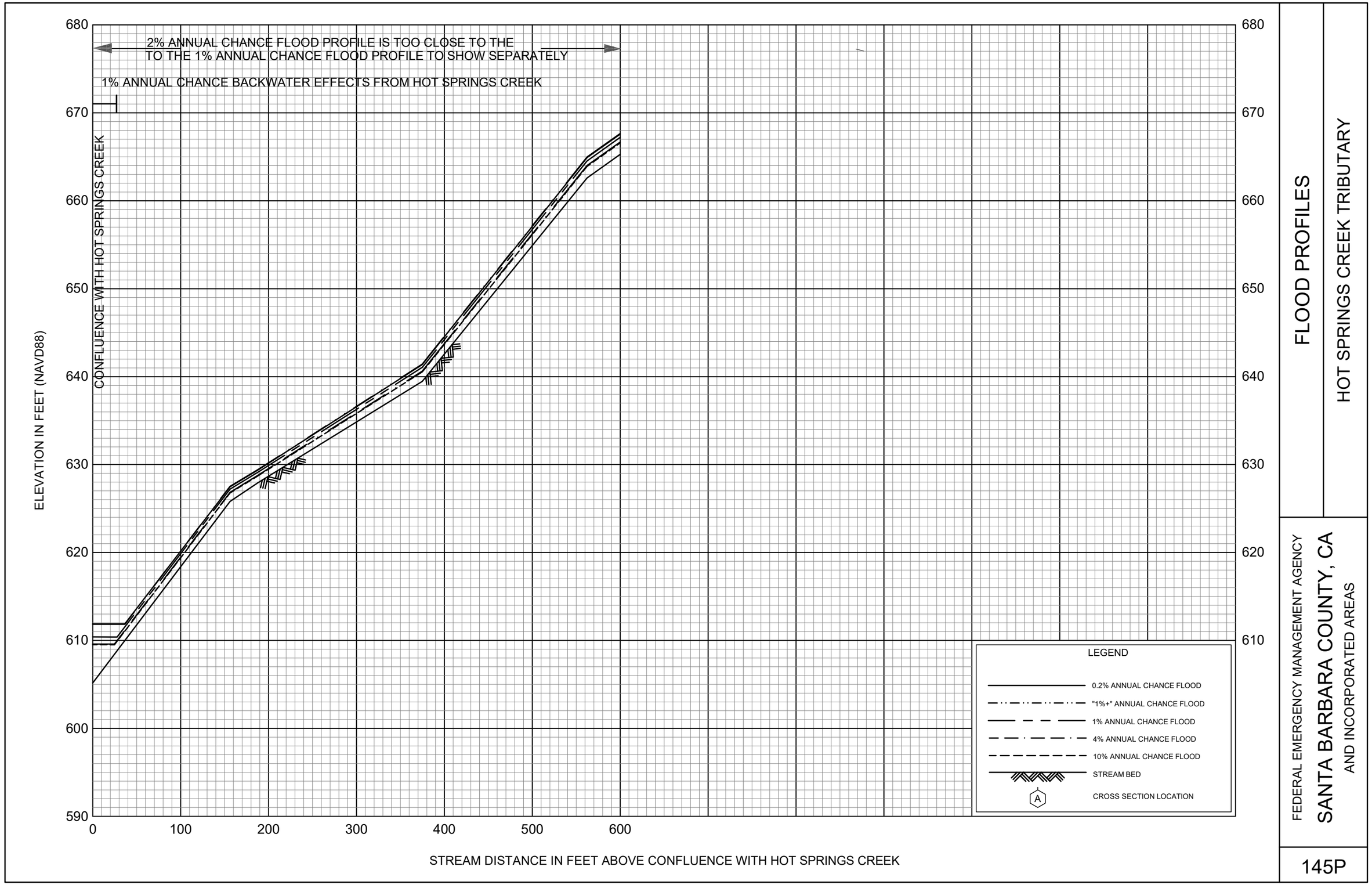
HOT SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

144P



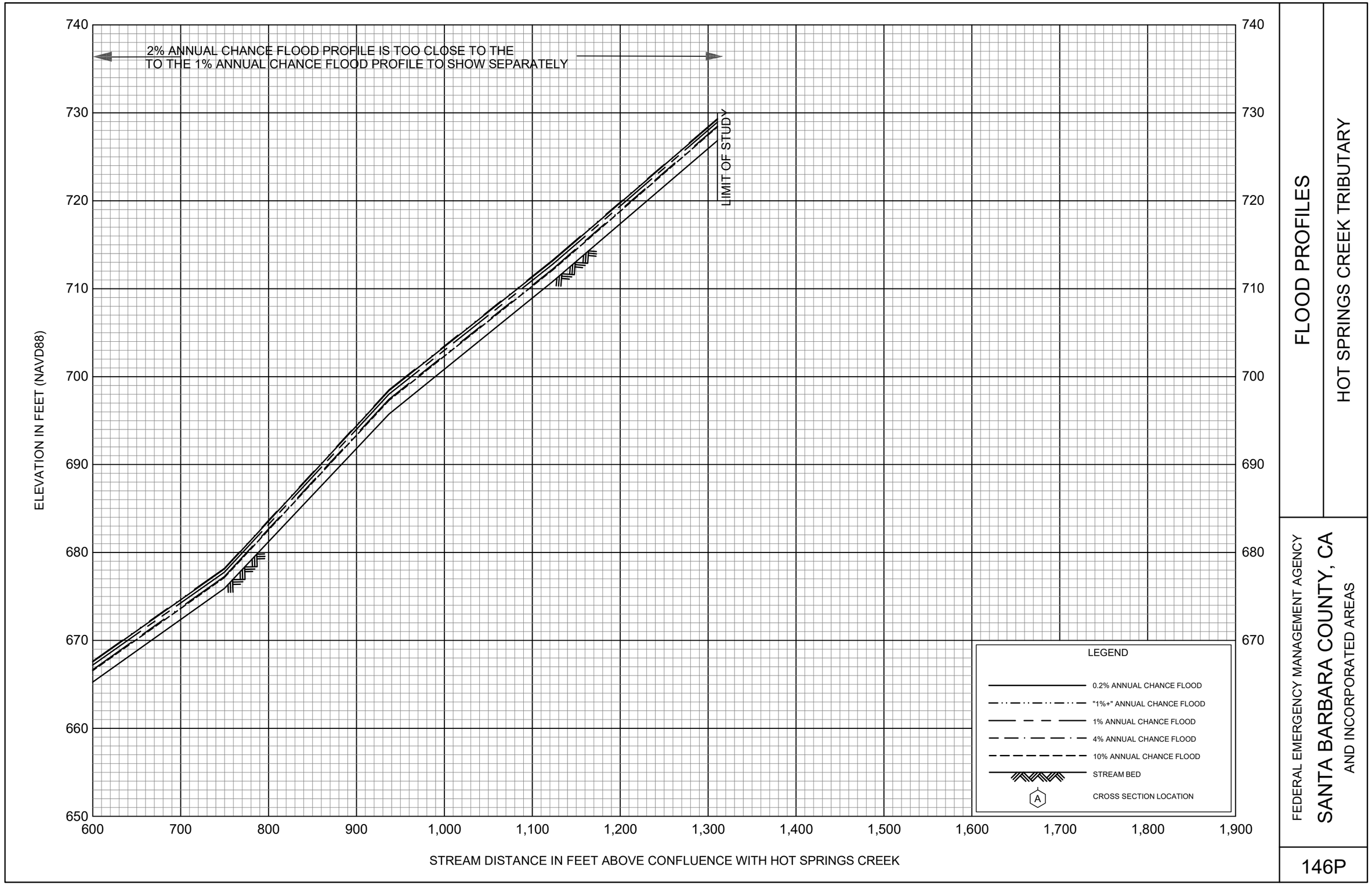
FLOOD PROFILES

HOT SPRINGS CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

145P



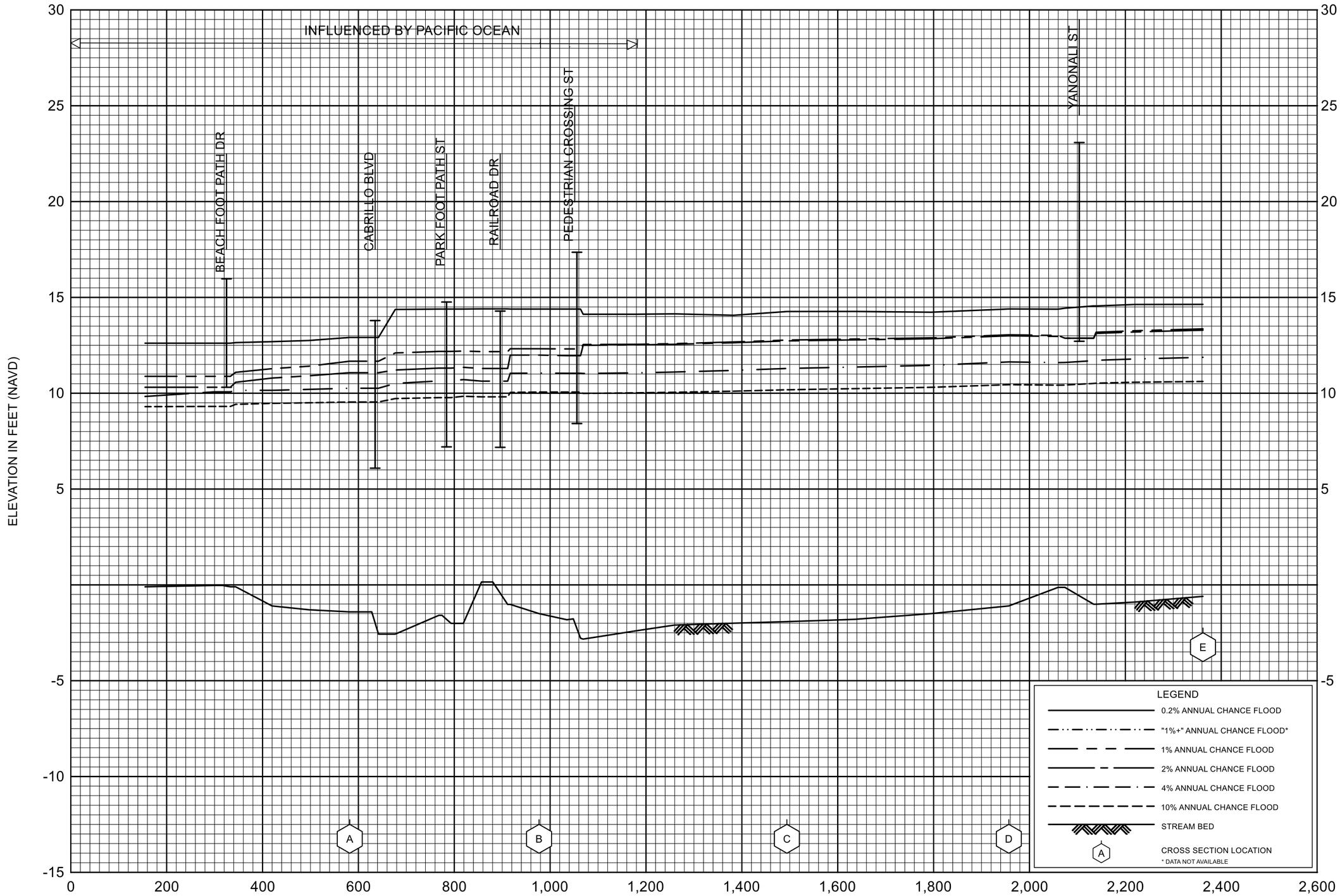
FLOOD PROFILES

HOT SPRINGS CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

146P



ELEVATION IN FEET (NAVD)

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

FLOOD PROFILES

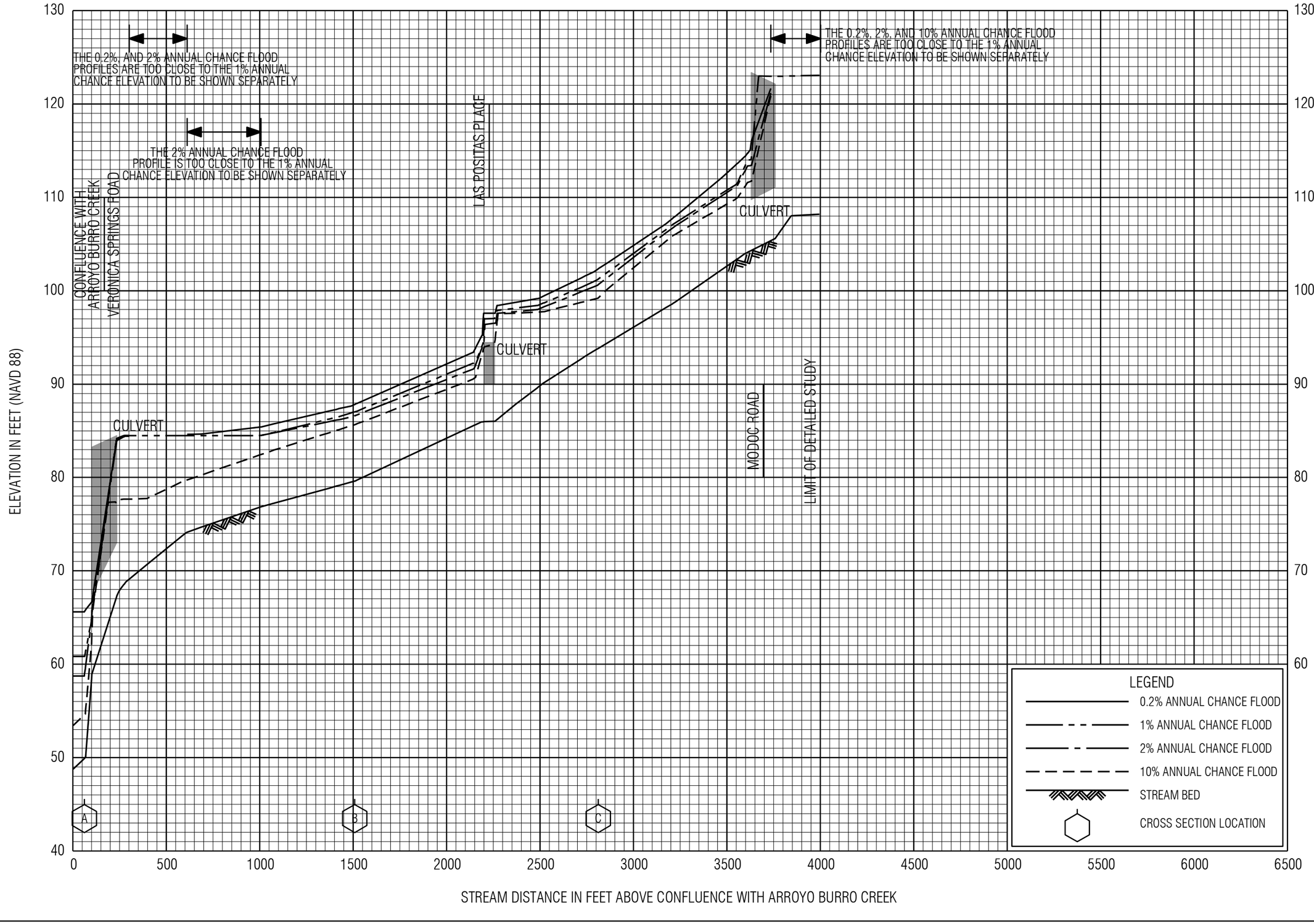
LAGUNA CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

147P



FLOOD PROFILES

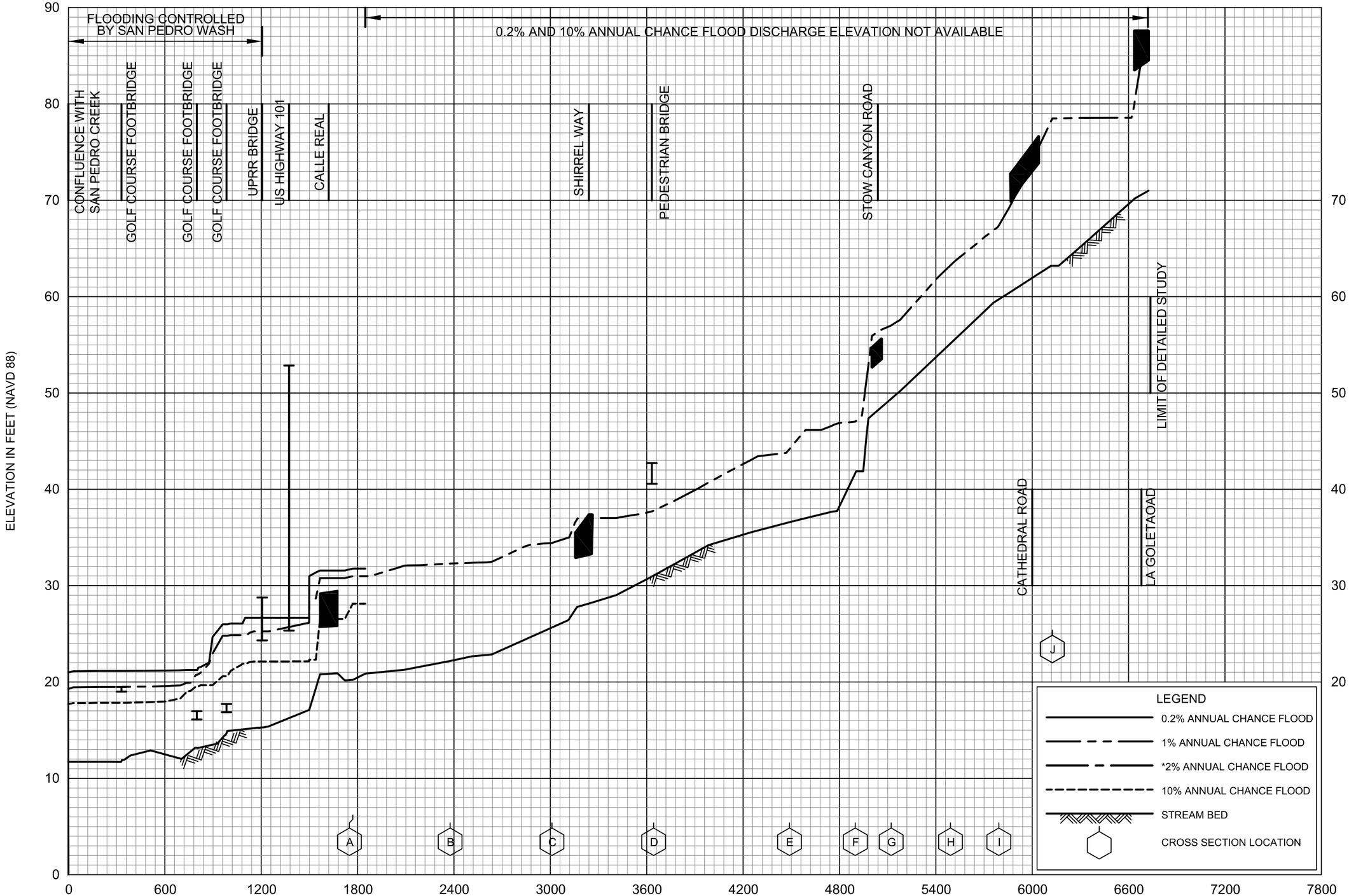
LAS POSITAS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

148P



This profile is updated per LOMR 21-09-0037P which is located on panels which were not revised. Therefore, users must continue to refer to the annotated FIRM attachements for this LOMR

*DATA NOT AVAILABLE

FLOOD PROFILES

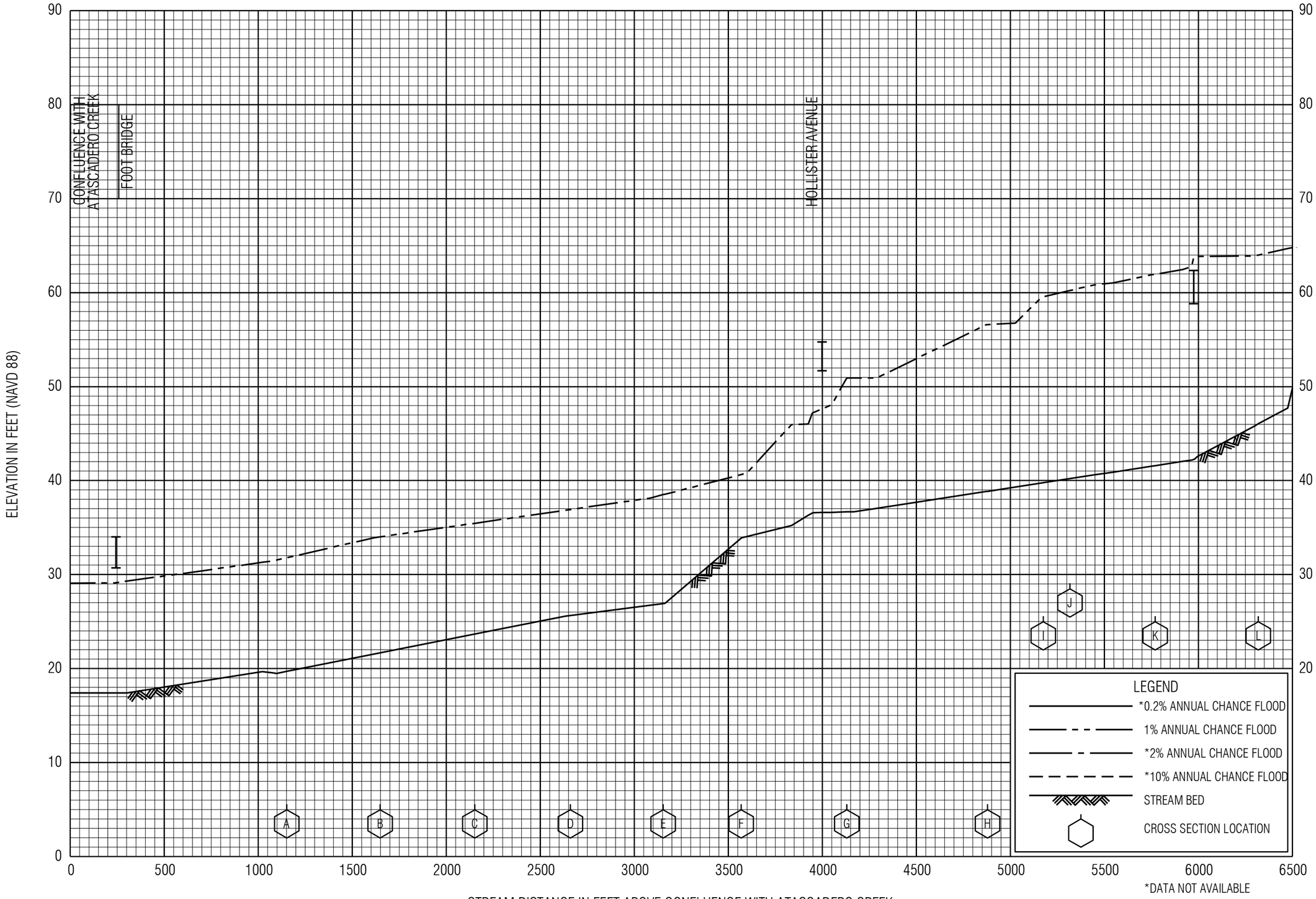
LAS VEGAS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

149P



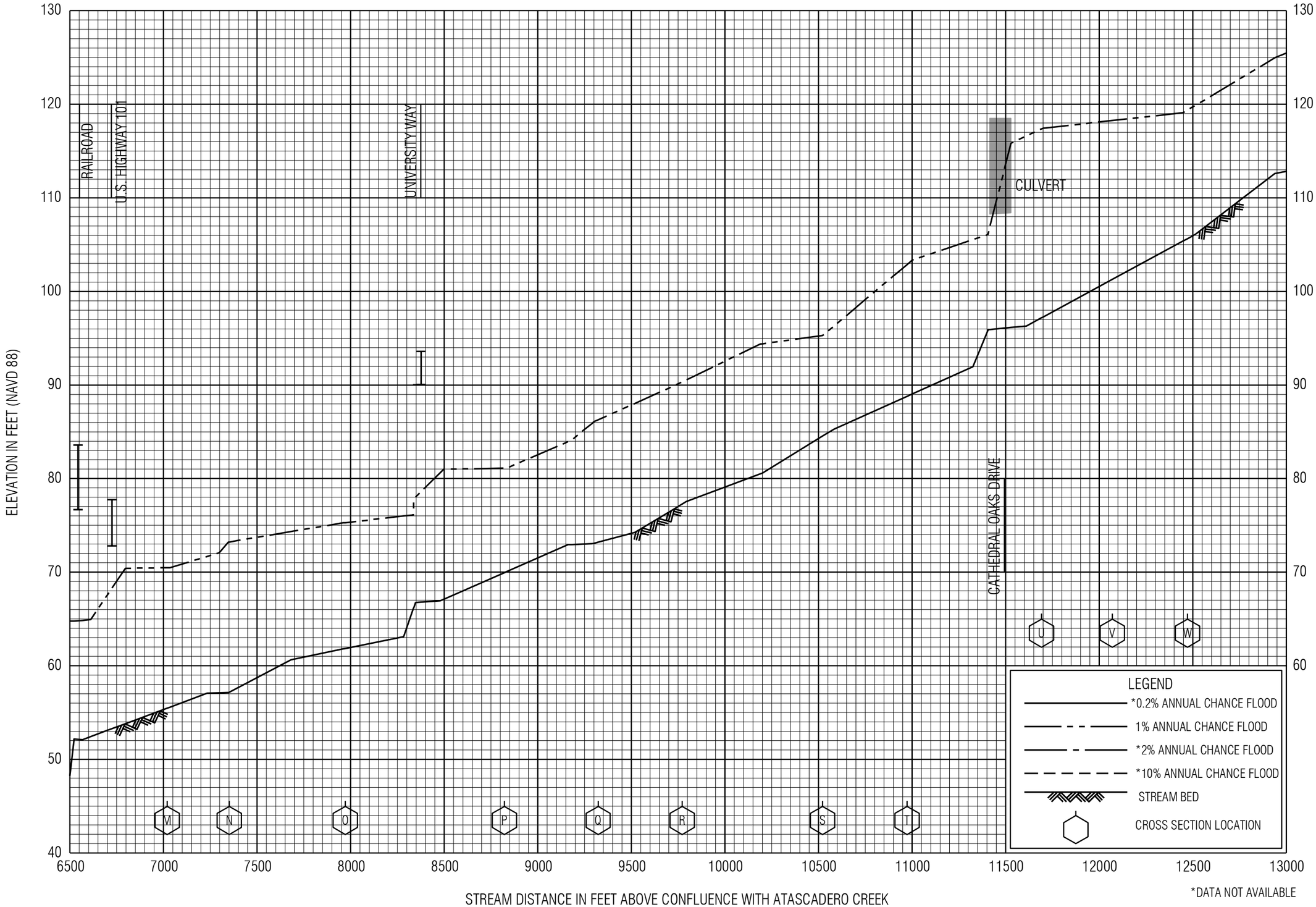
FLOOD PROFILES

MARIA YGNACIA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



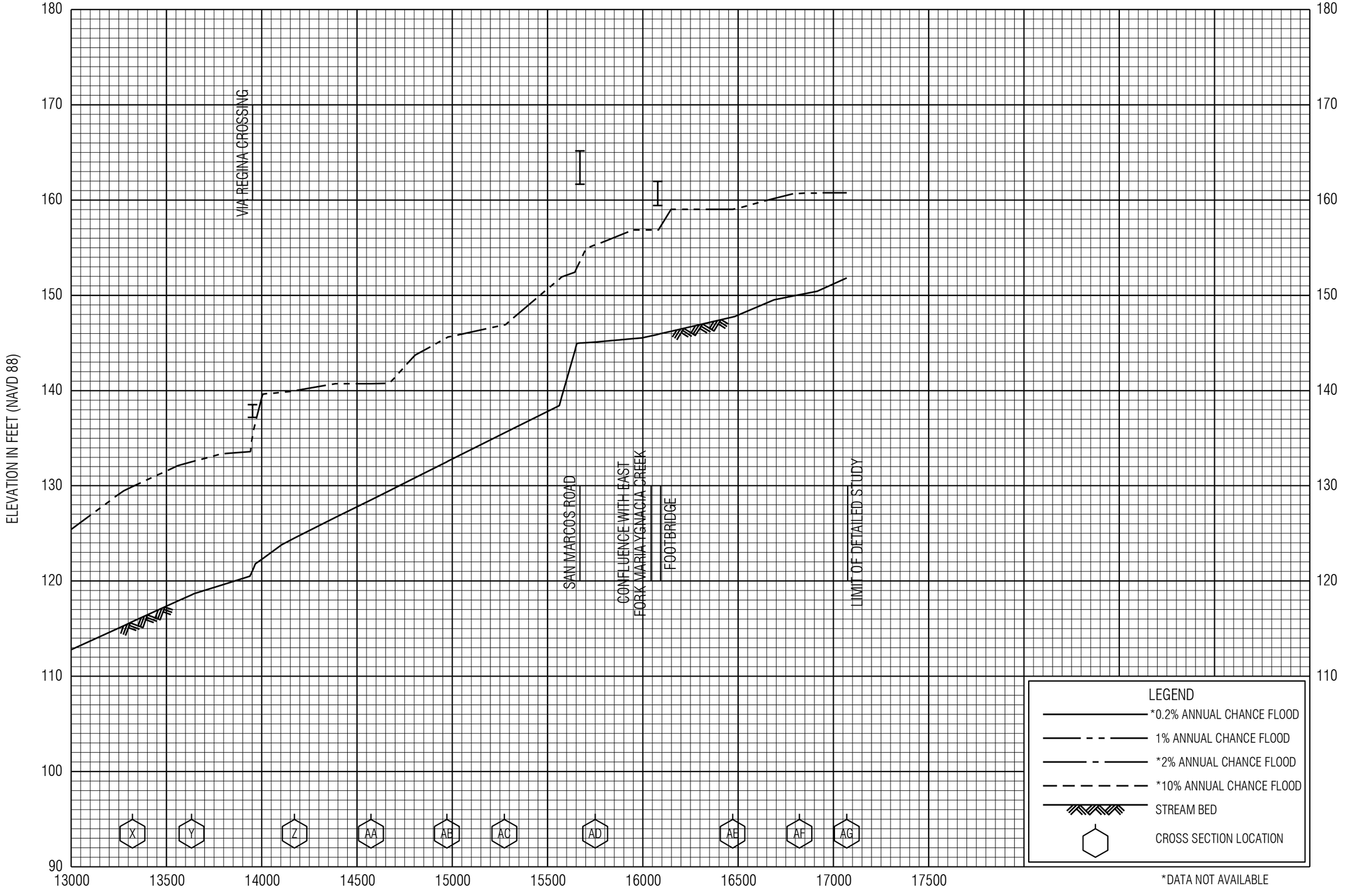
FLOOD PROFILES

MARIA YGNACIA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



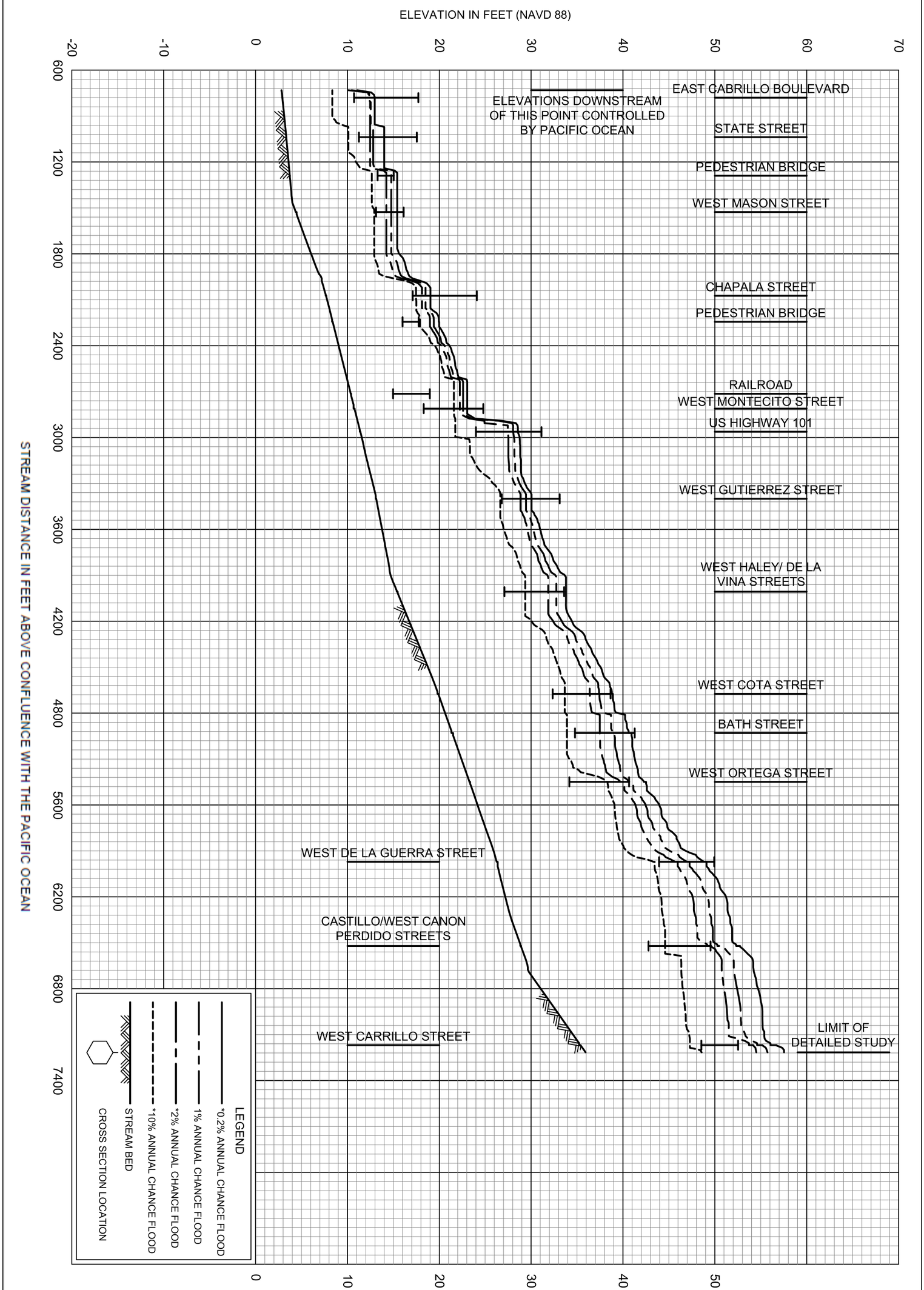
FLOOD PROFILES

MARIA YGNACIA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



153P

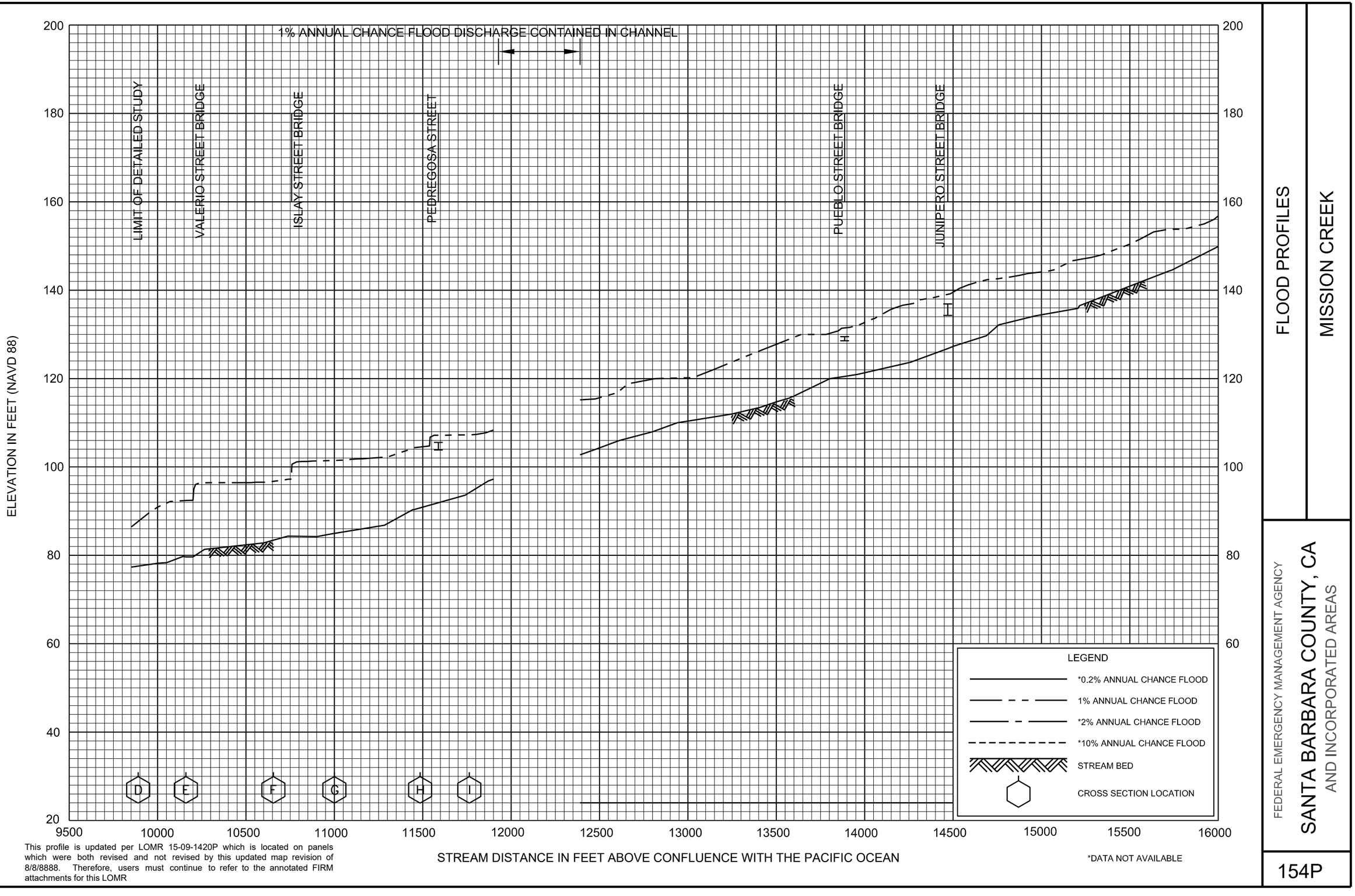
FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

MISSION CREEK



This profile is updated per LOMR 15-09-1420P which is located on panels which were both revised and not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

*DATA NOT AVAILABLE

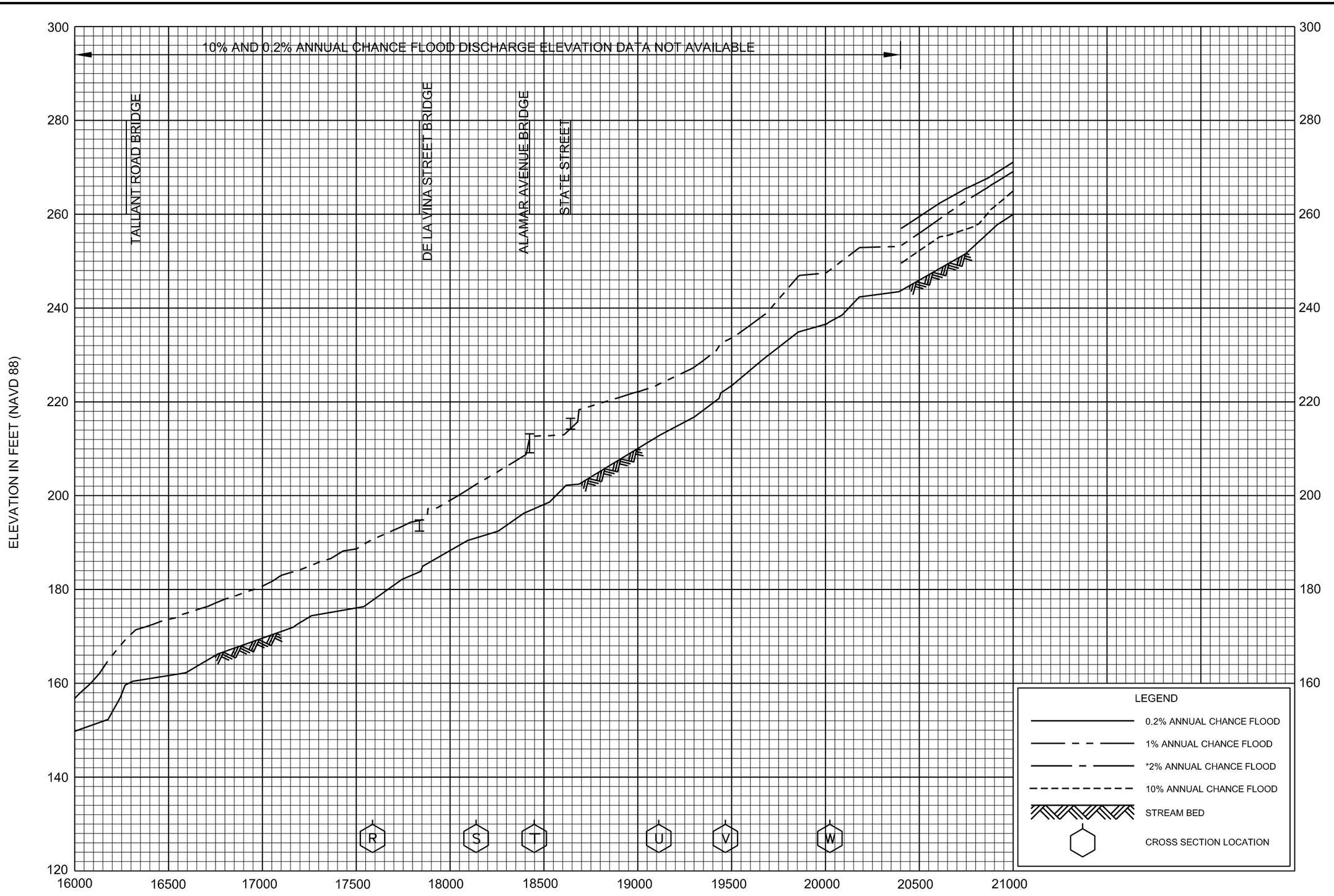
FLOOD PROFILES

MISSION CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

154P



This profile is updated per LOMR 15-09-1420P which is located on panels which were not revised by this updated map revision of 8/8/8888. Therefore, users must continue to refer to the annotated FIRM attachments for this LOMR

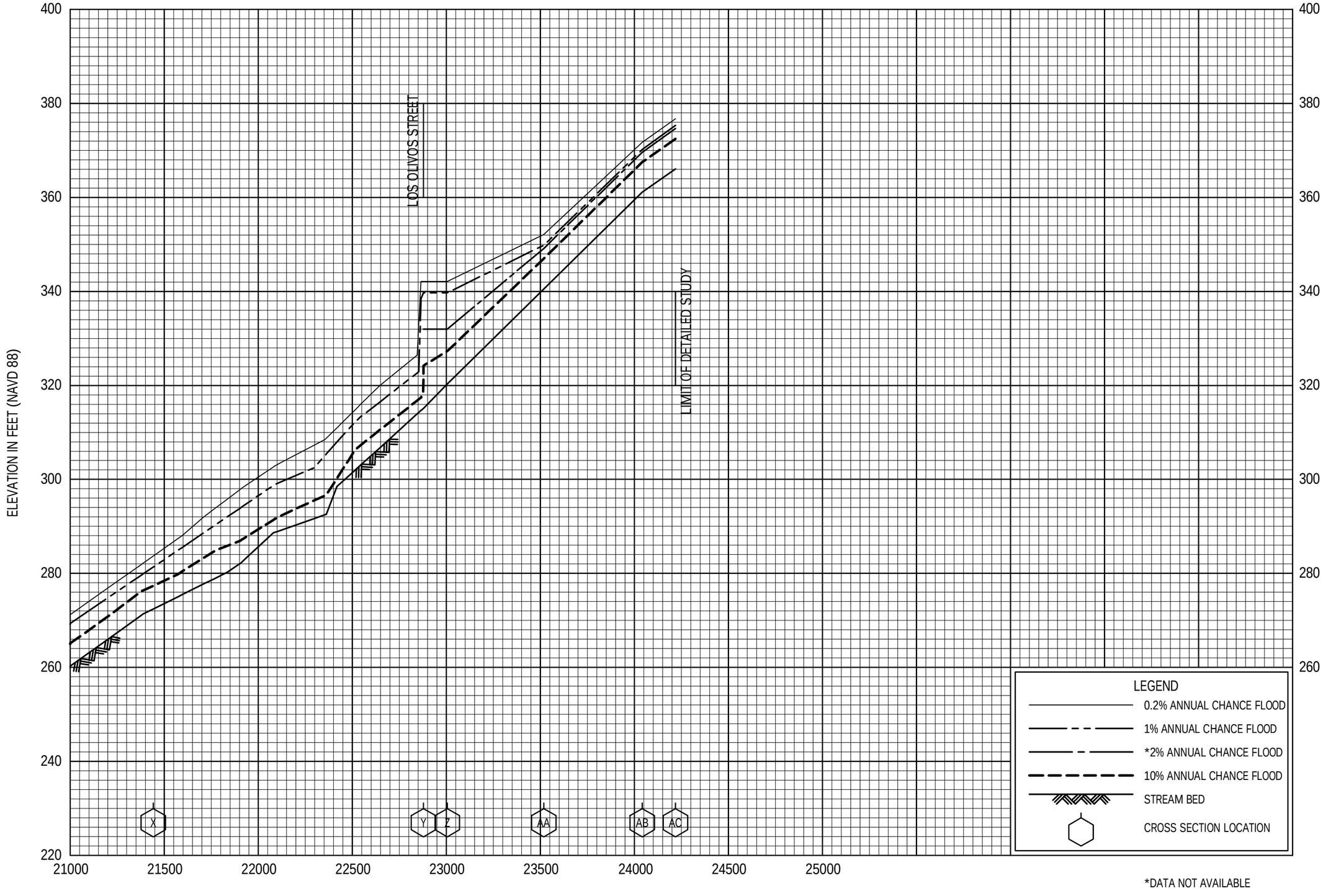
FLOOD PROFILES

MISSION CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

155P



FLOOD PROFILES

MISSION CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 7 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation; Not an NFIP Community

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV007E
Version Number 2.3.3.3

FEMA

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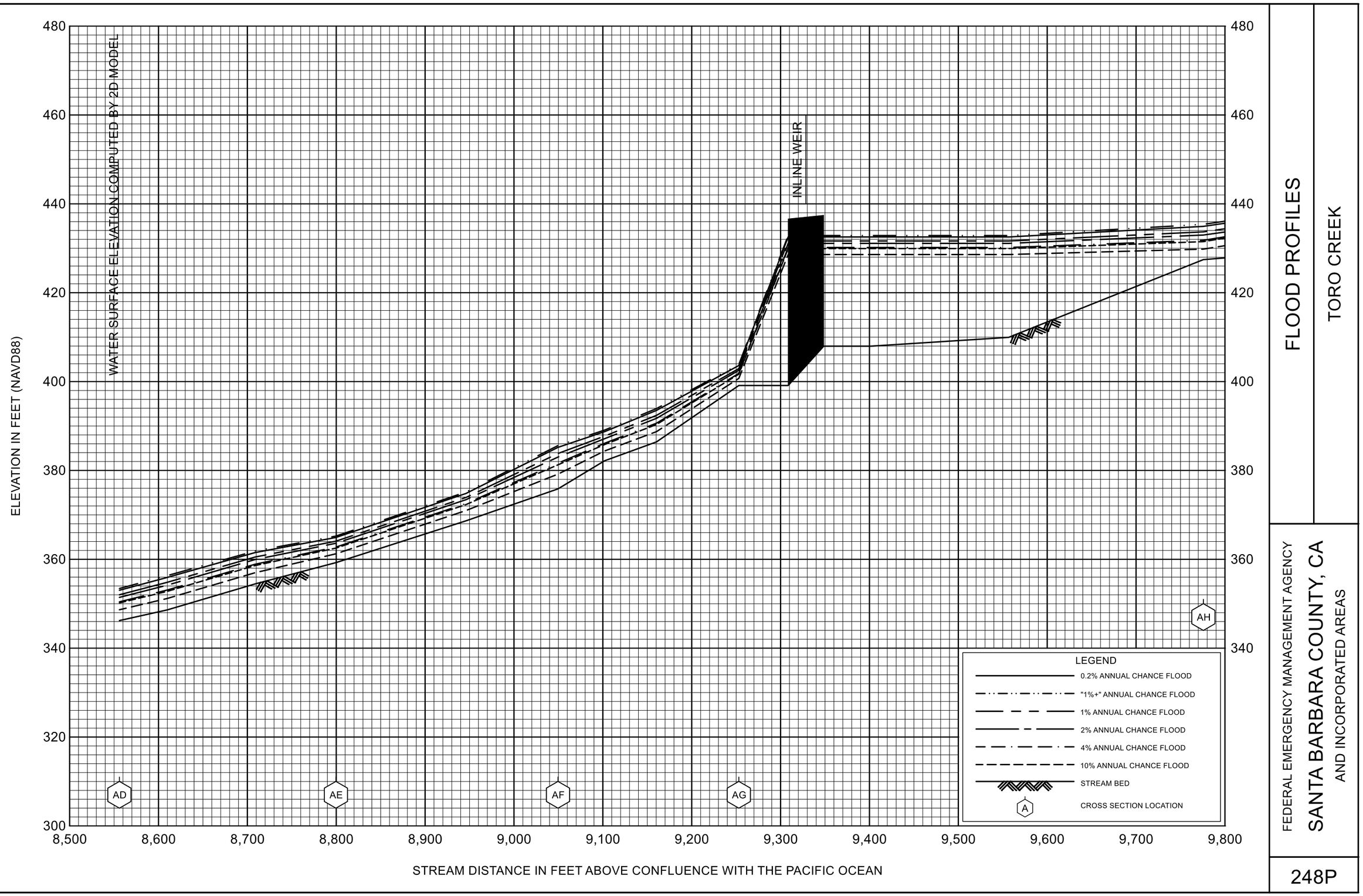


FLOOD PROFILES

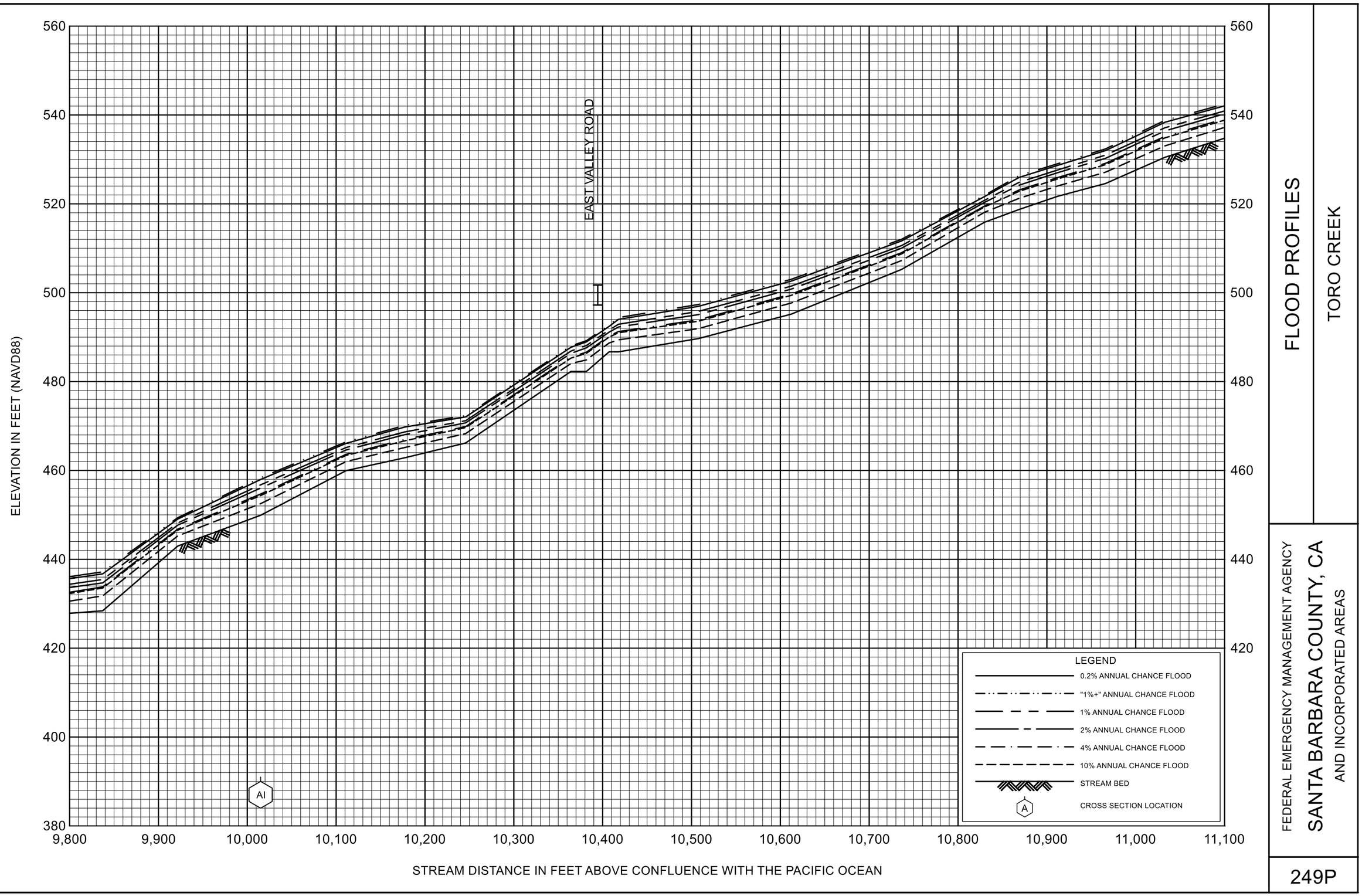
TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

248P



FLOOD PROFILES

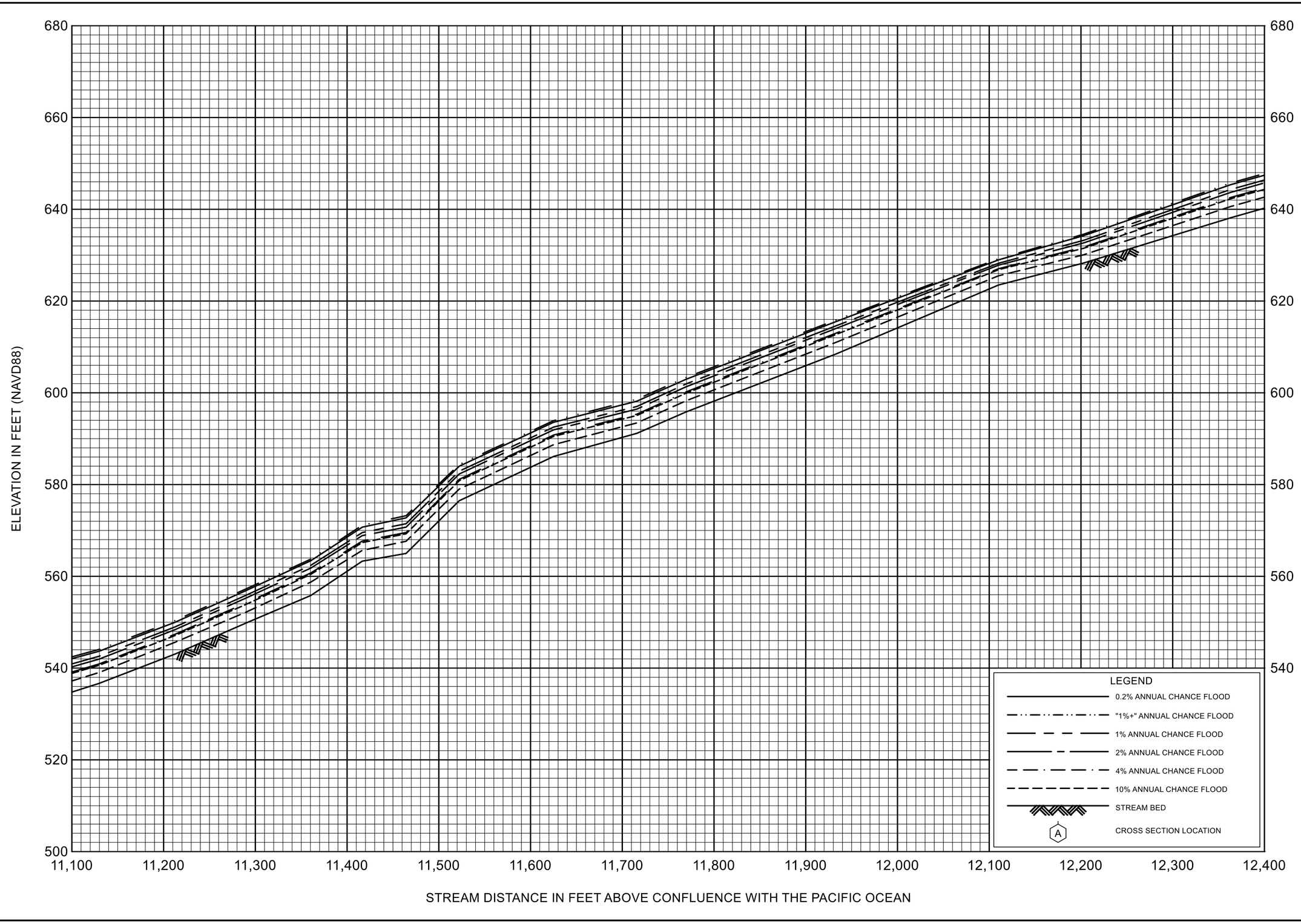
TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

249P



FLOOD PROFILES

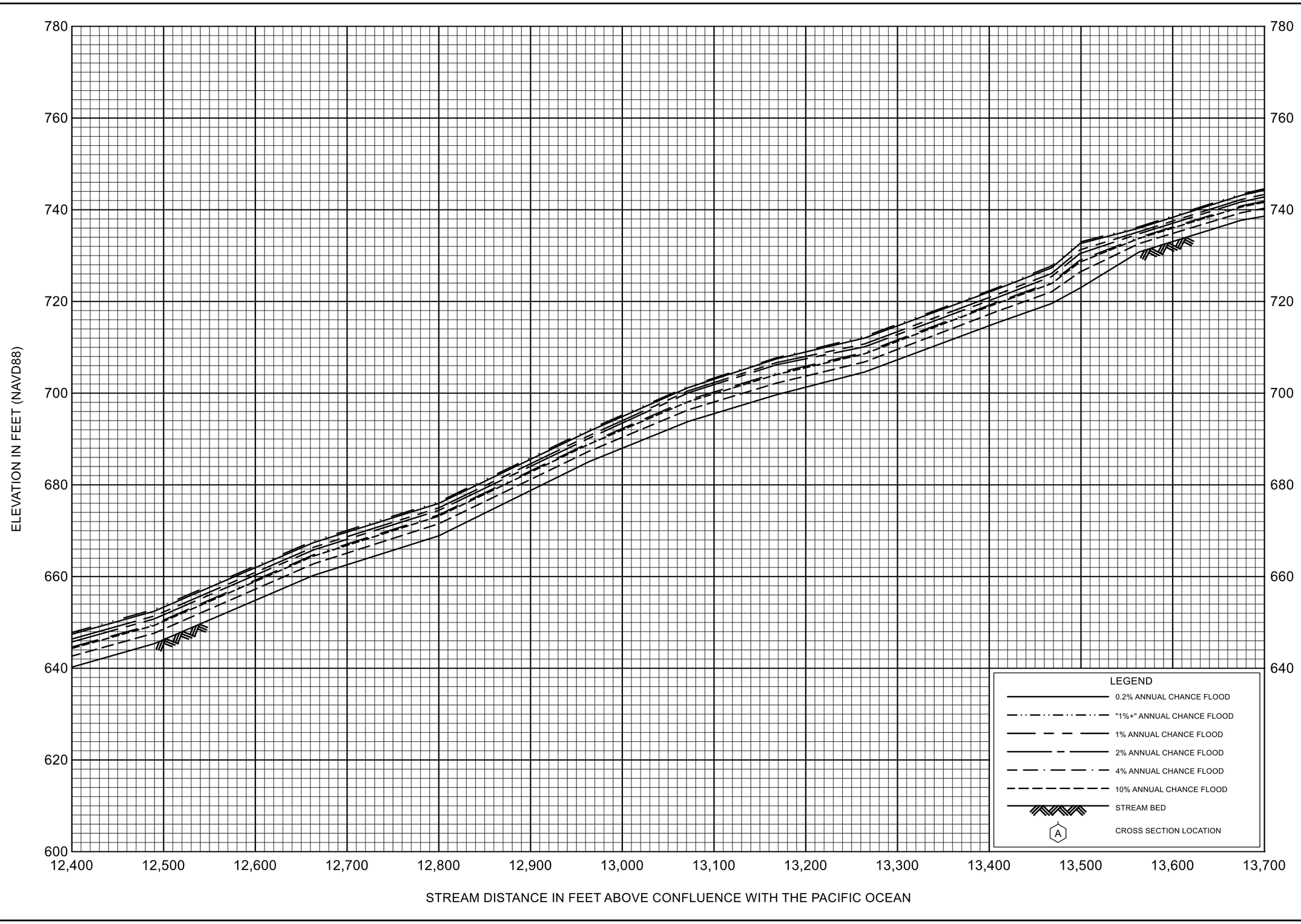
TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

250P



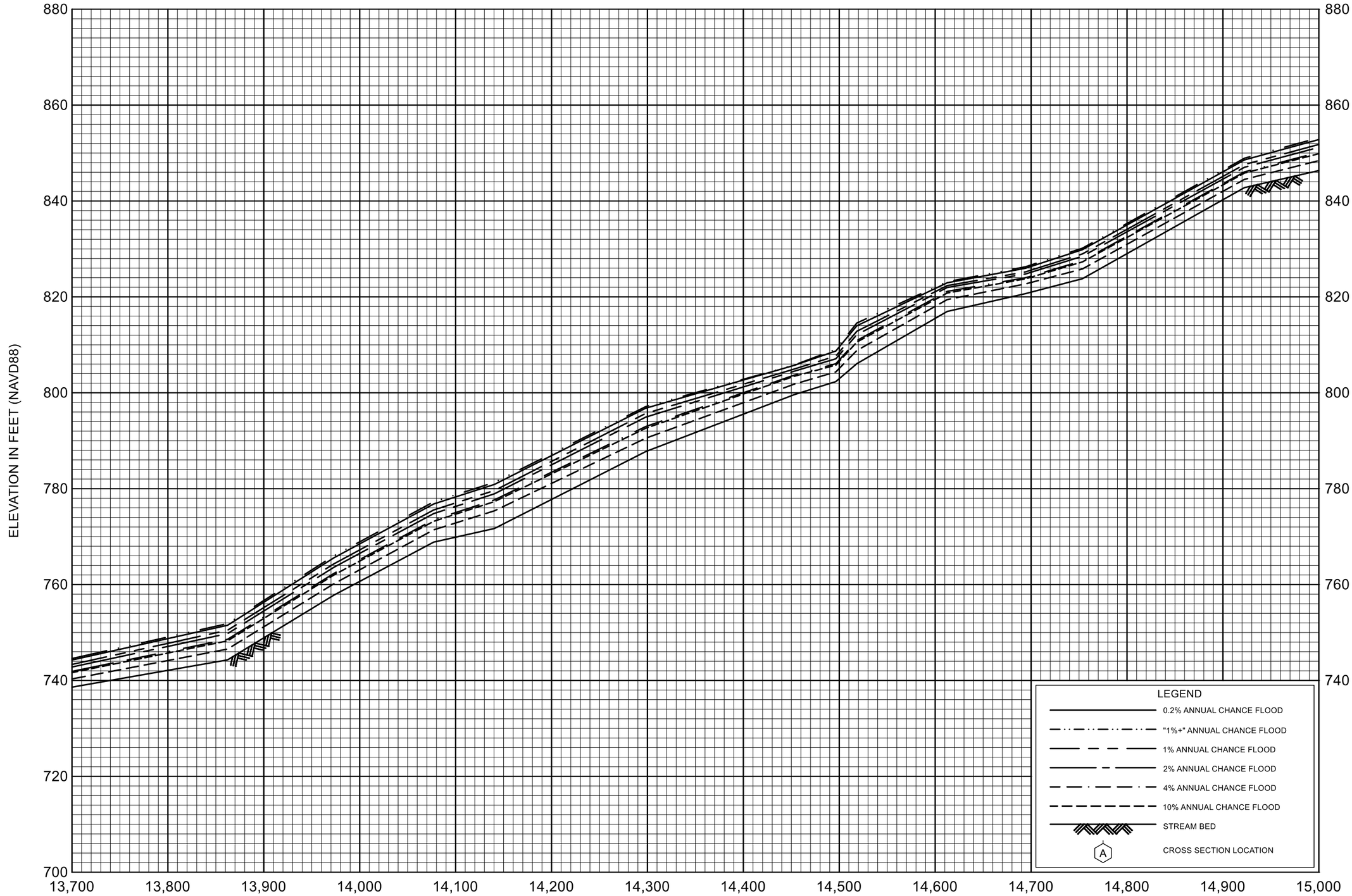
FLOOD PROFILES

TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

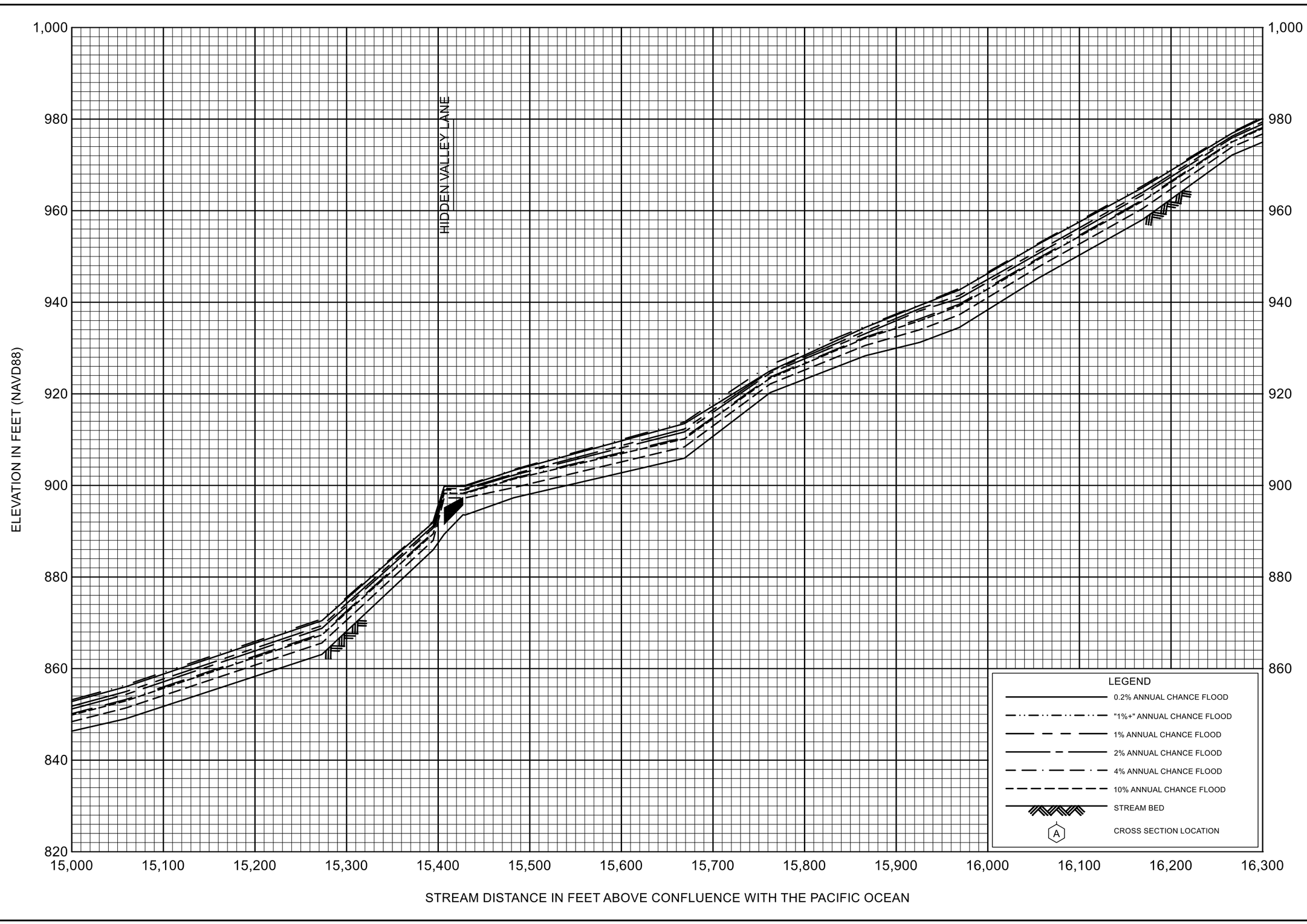
TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

252P



FLOOD PROFILES

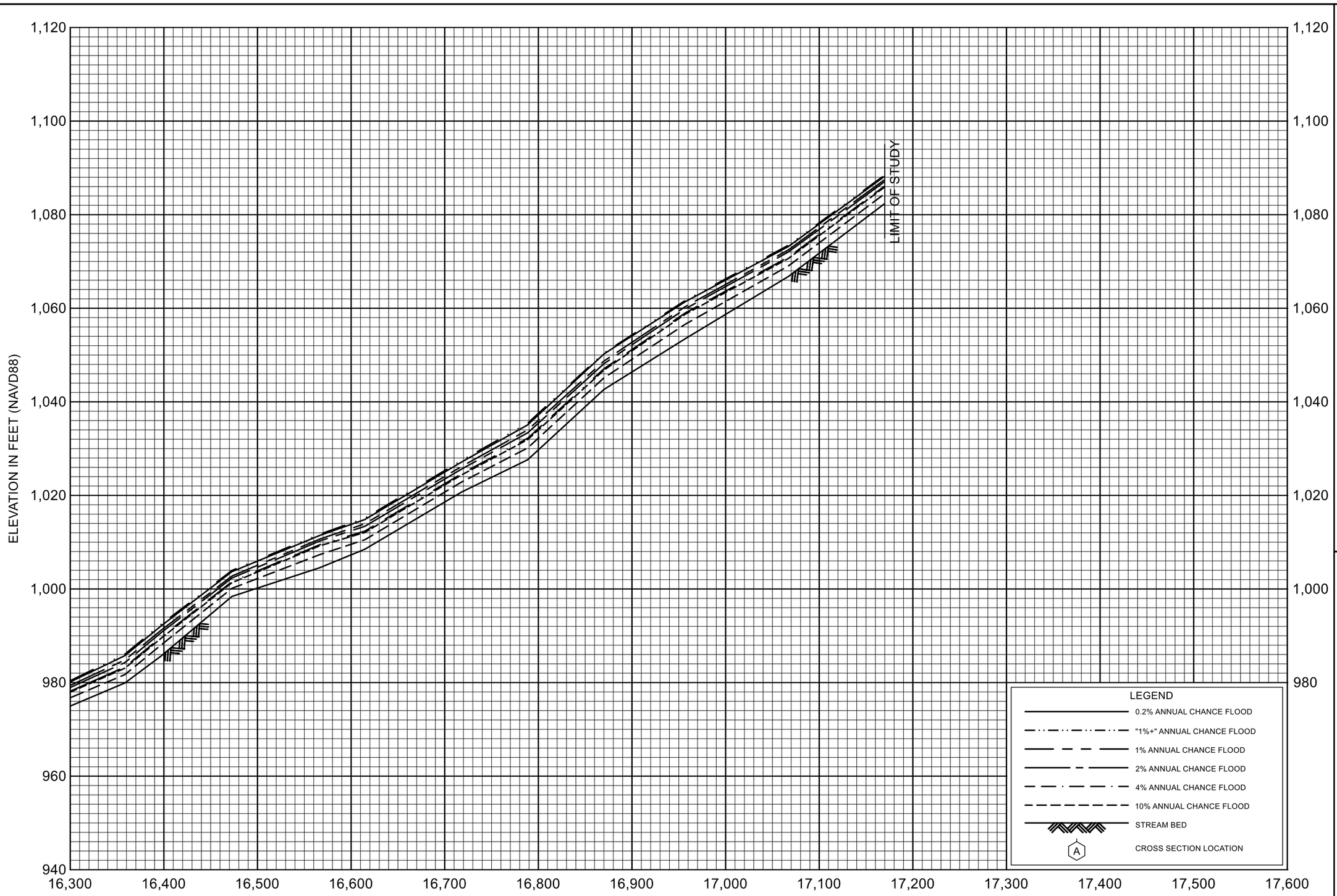
TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

253P



FLOOD PROFILES

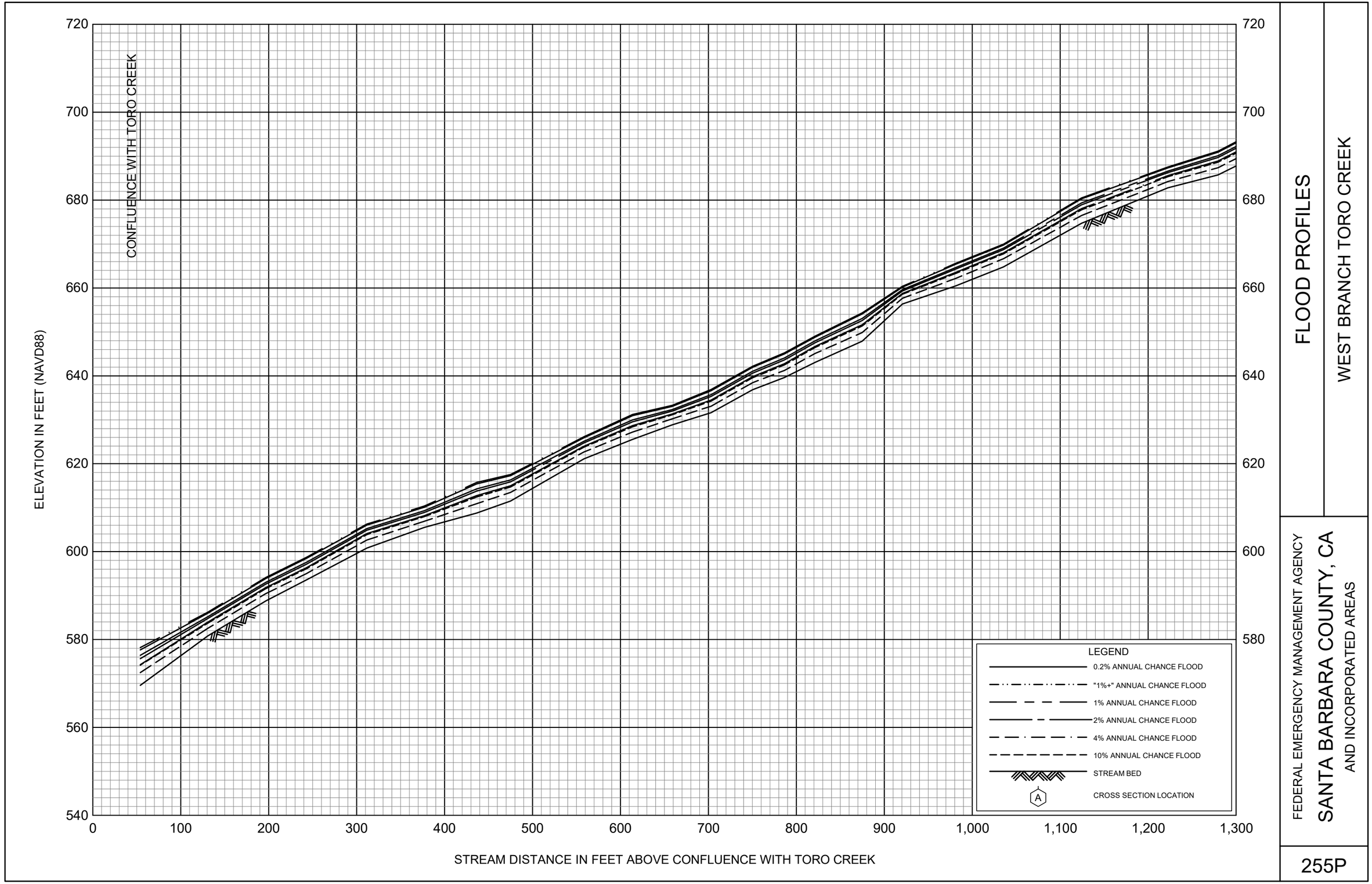
TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

254P



FLOOD PROFILES

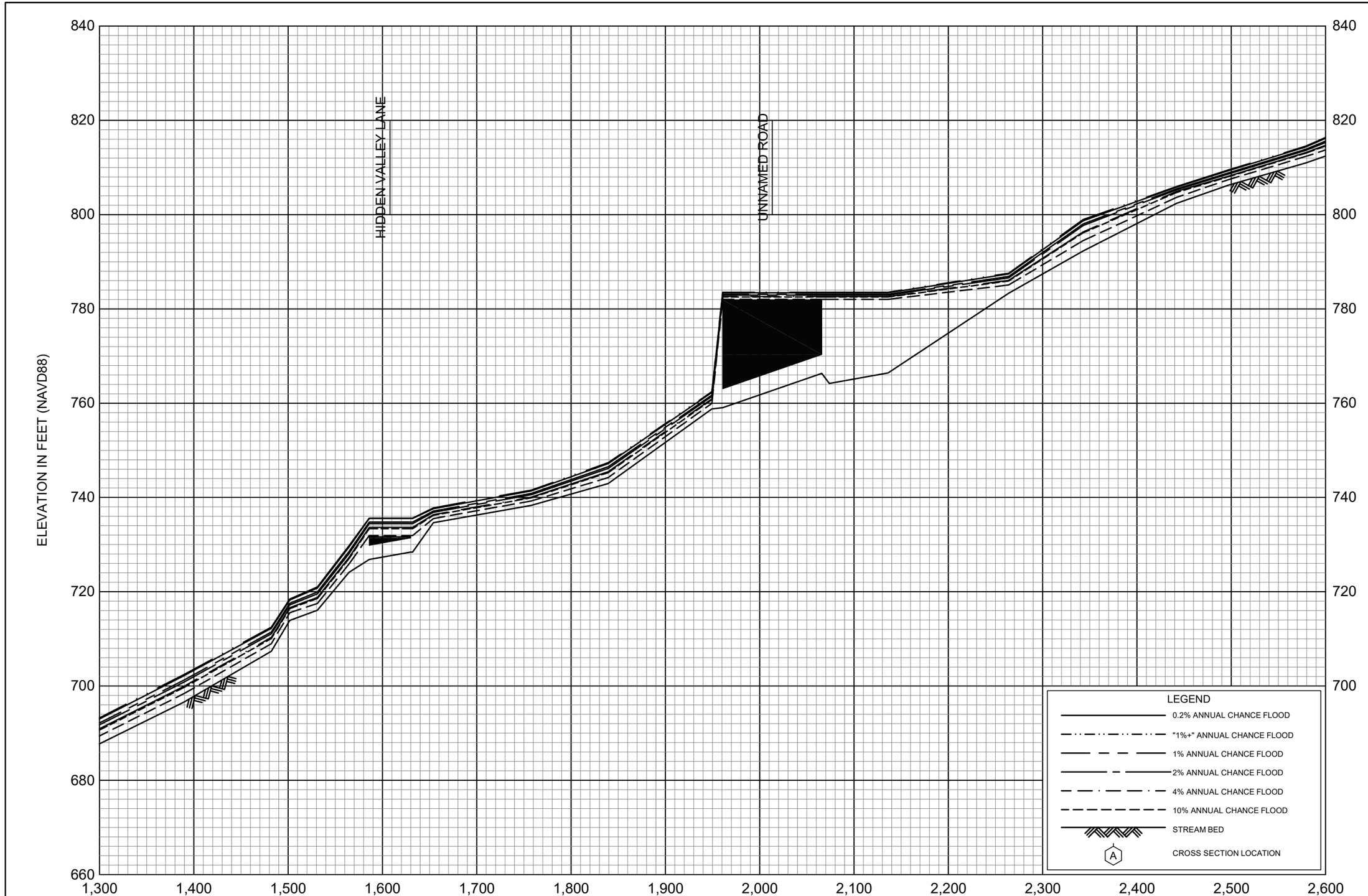
WEST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

255P



FLOOD PROFILES

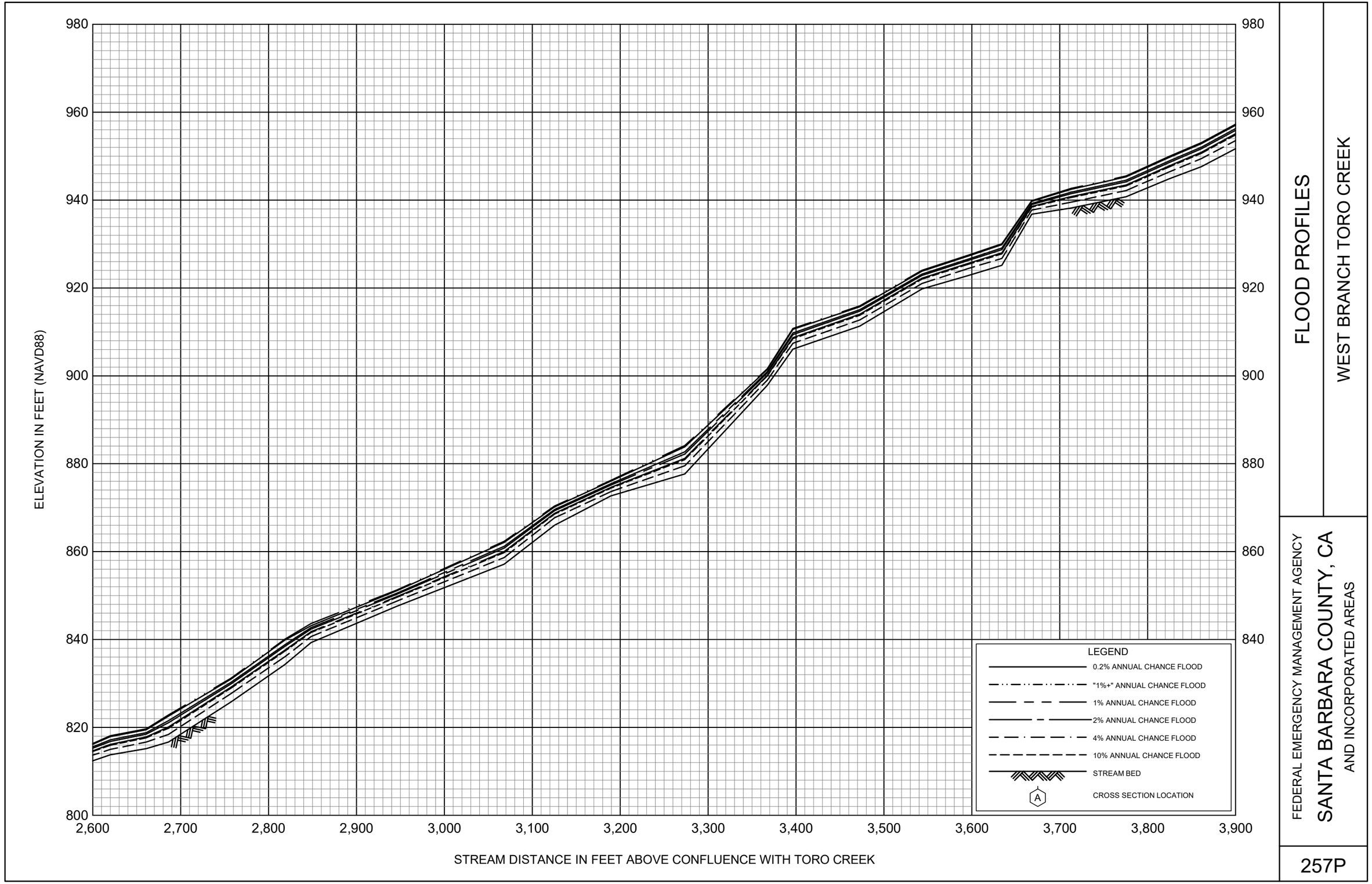
WEST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

256P



FLOOD PROFILES

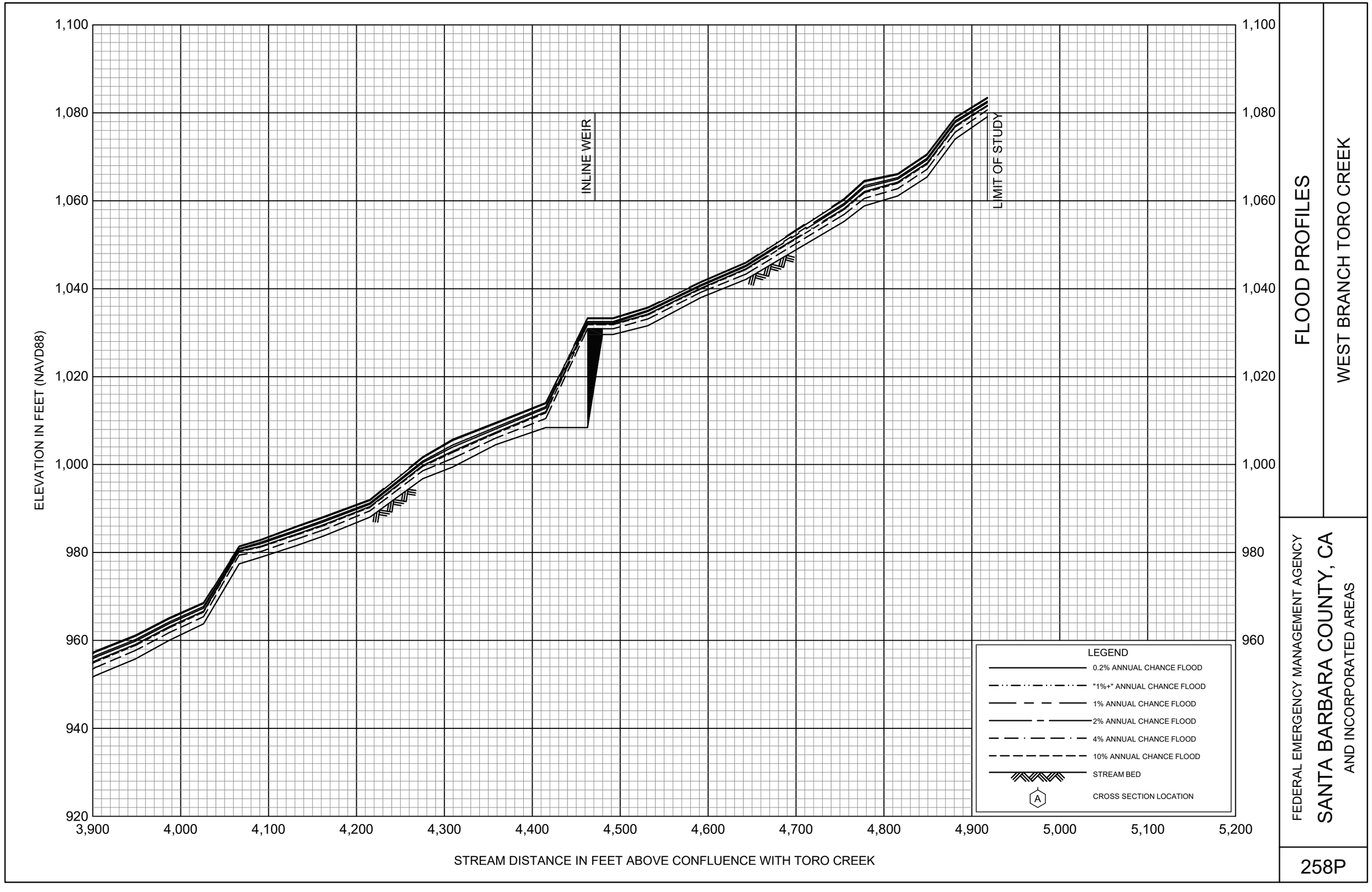
WEST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

257P



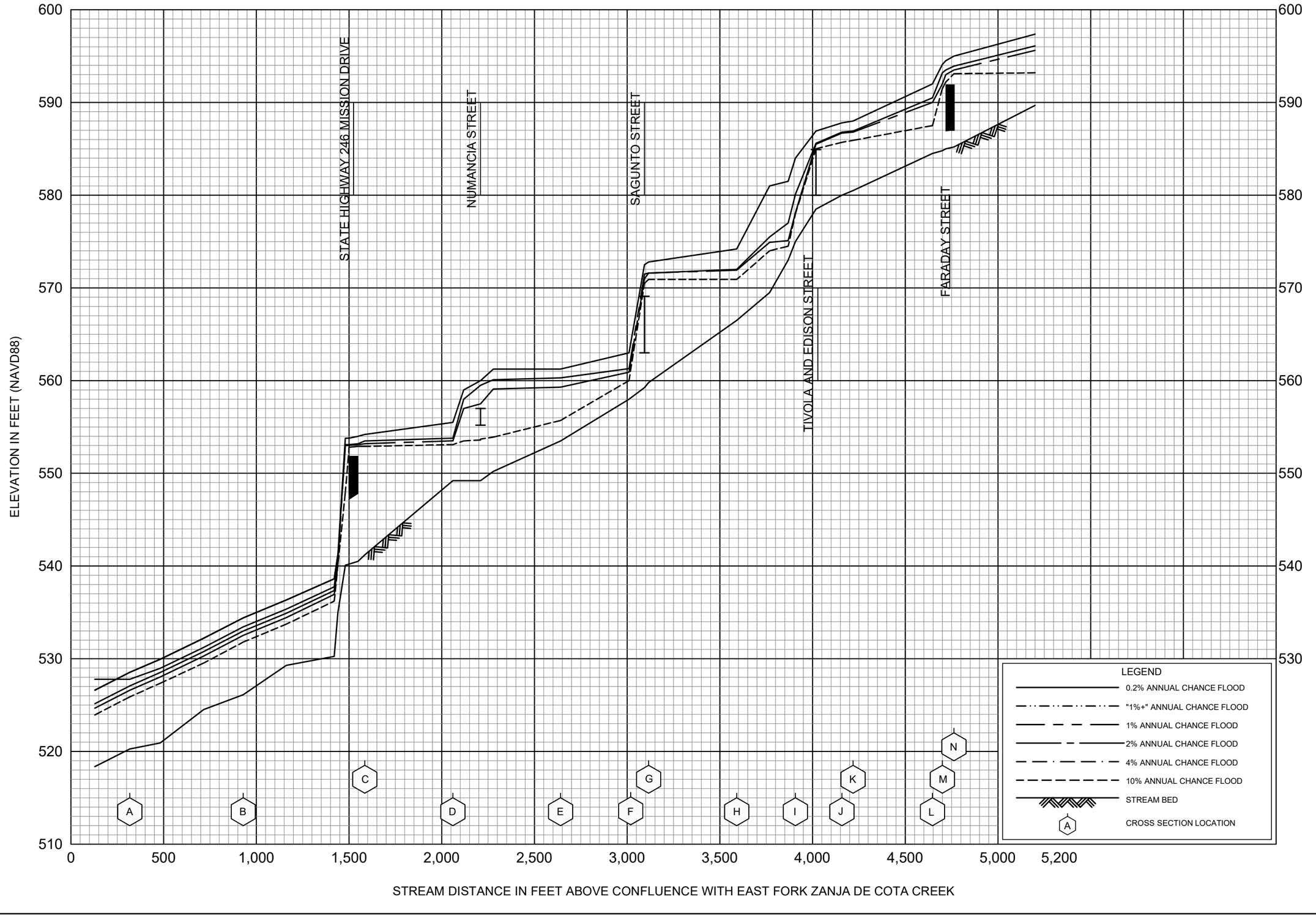
FLOOD PROFILES

WEST BRANCH TORO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

258P



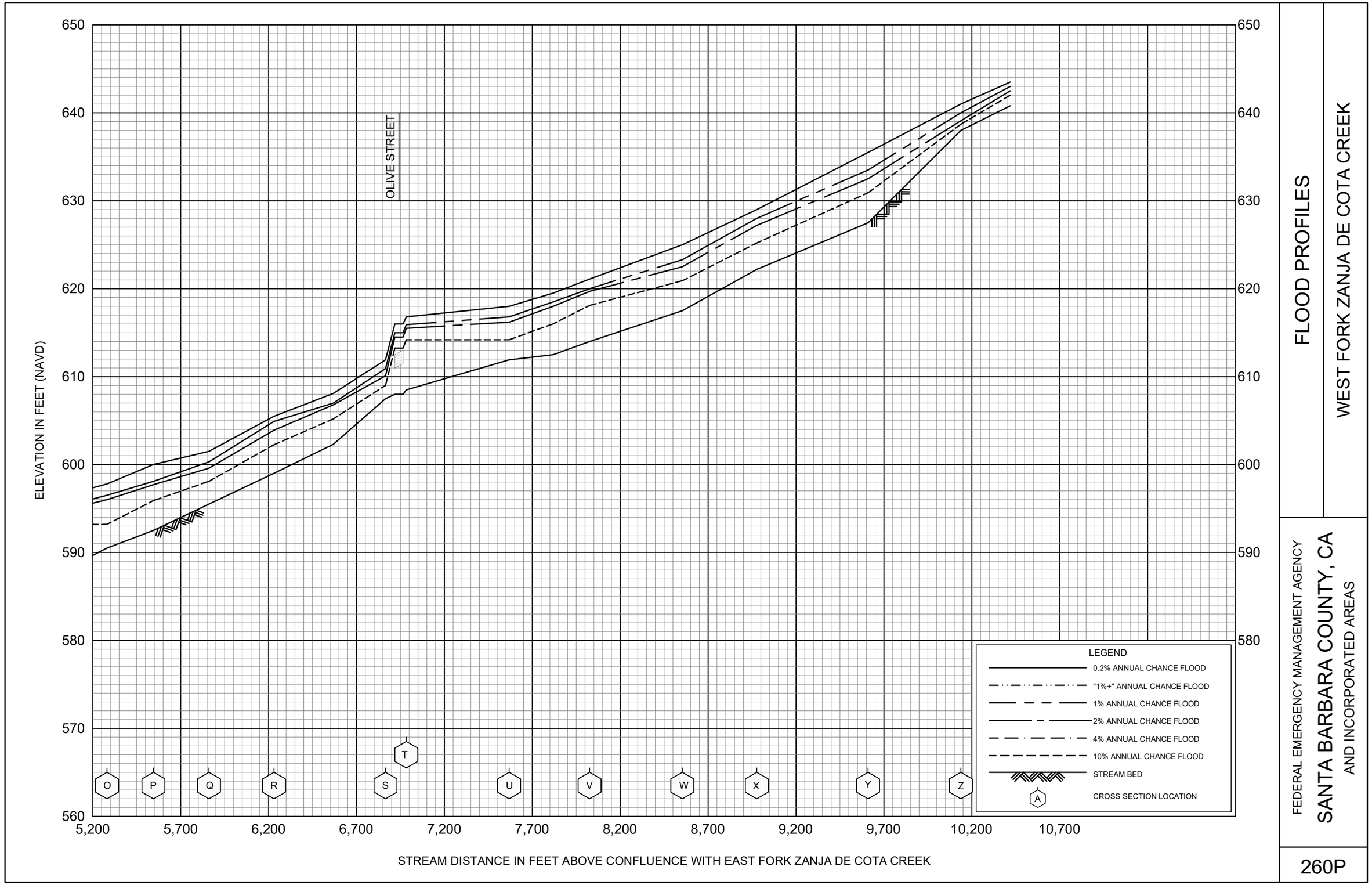
FLOOD PROFILES

WEST FORK ZANJA DE COTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

259P



FLOOD PROFILES

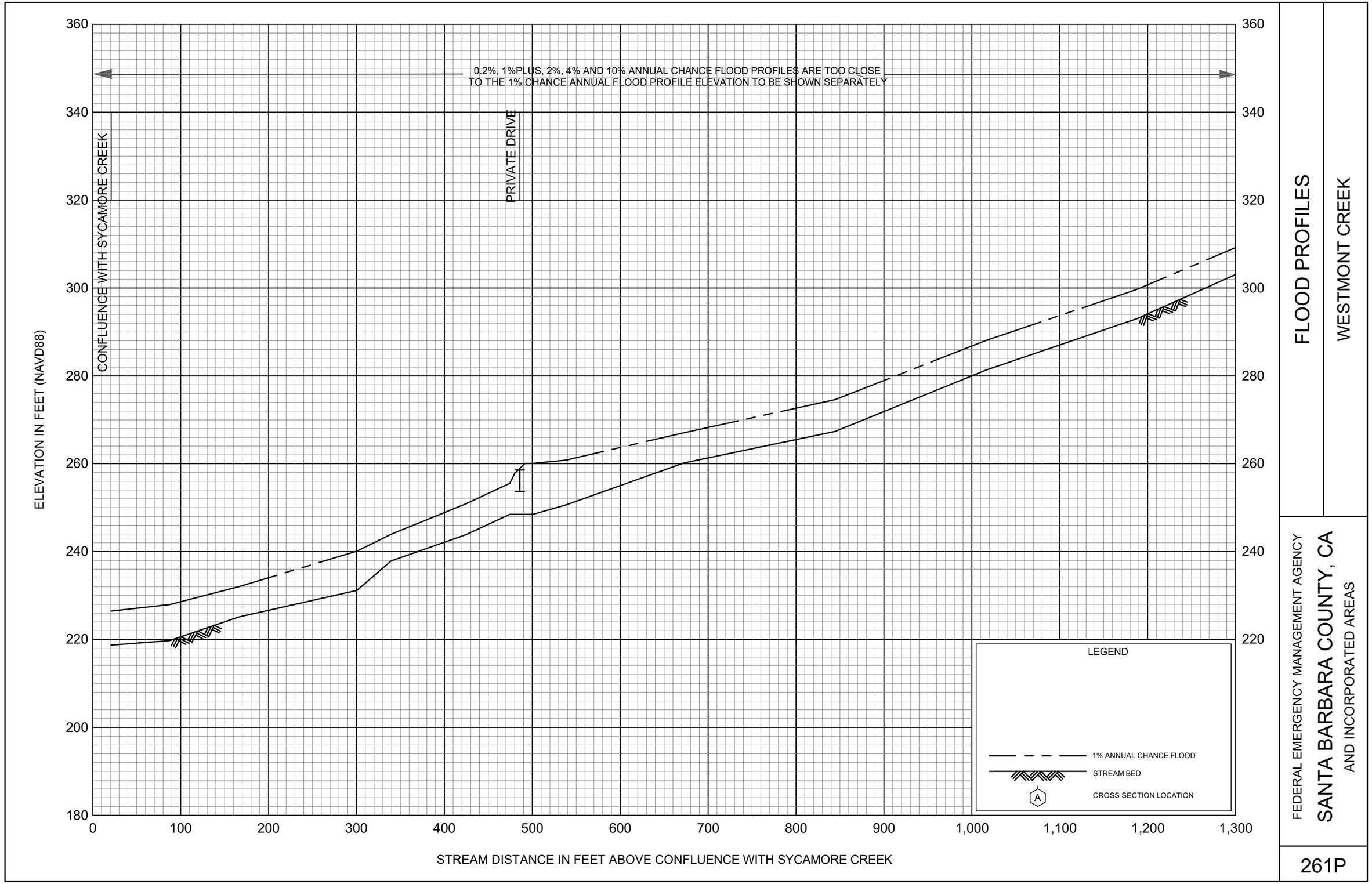
WEST FORK ZANJA DE COTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

260P



FLOOD PROFILES

WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

261P

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE
TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

COYOTE ROAD

ELEVATION IN FEET (NAVD88)

440
420
400
380
360
340
320
300
280
260

1,300 1,400 1,500 1,600 1,700 1,800 1,900 2,000 2,100 2,200 2,300 2,400 2,500 2,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SYCAMORE CREEK

LEGEND

1% ANNUAL CHANCE FLOOD
STREAM BED
A CROSS SECTION LOCATION

FLOOD PROFILES

WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

262P

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE
TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

ELEVATION IN FEET (NAVD88)

560
540
520
500
480
460
440
420
400
380

2,600 2,700 2,800 2,900 3,000 3,100 3,200 3,300 3,400 3,500 3,600 3,700 3,800 3,900

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SYCAMORE CREEK

LEGEND

1% ANNUAL CHANCE FLOOD
STREAM BED
A CROSS SECTION LOCATION

FLOOD PROFILES

WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

263P

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

ELEVATION IN FEET (NAVD88)

680
660
640
620
600
580
560
540
520
500

3,900 4,000 4,100 4,200 4,300 4,400 4,500 4,600 4,700 4,800 4,900 5,000 5,100 5,200

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SYCAMORE CREEK

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

FLOOD PROFILES

WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

264P

0.2%, 1%PLUS, 2%, 4% AND 10% ANNUAL CHANCE FLOOD PROFILES ARE TOO CLOSE TO THE 1% CHANCE ANNUAL FLOOD PROFILE ELEVATION TO BE SHOWN SEPARATELY

EAST MOUNTAIN DRIVE

ELEVATION IN FEET (NAVD88)

820
800
780
760
740
720
700
680
660
640

5,200 5,300 5,400 5,500 5,600 5,700 5,800 5,900 6,000 6,100 6,200 6,300 6,400 6,500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SYCAMORE CREEK

LEGEND

1% ANNUAL CHANCE FLOOD
STREAM BED
A CROSS SECTION LOCATION

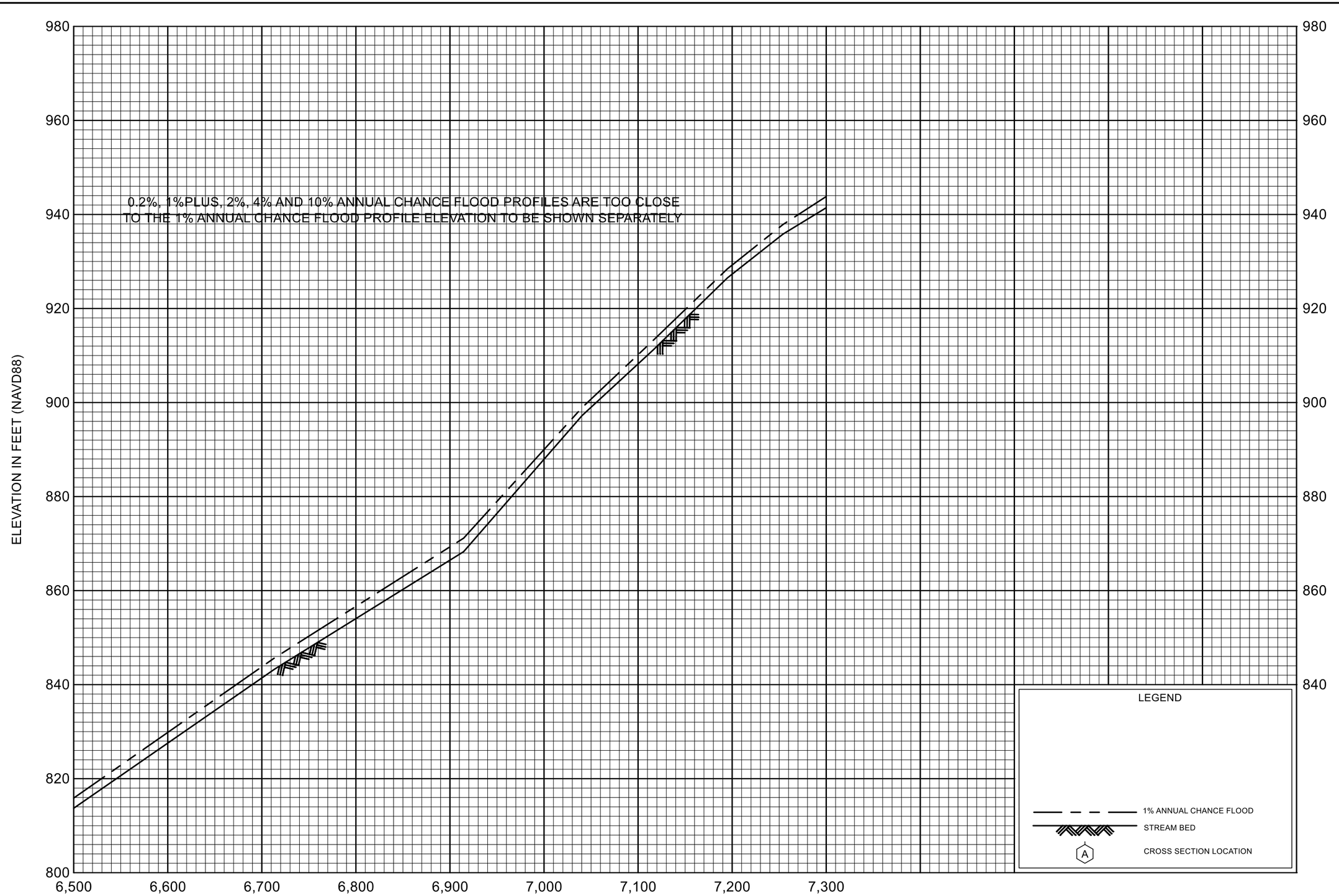
FLOOD PROFILES

WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

265P



FLOOD PROFILES

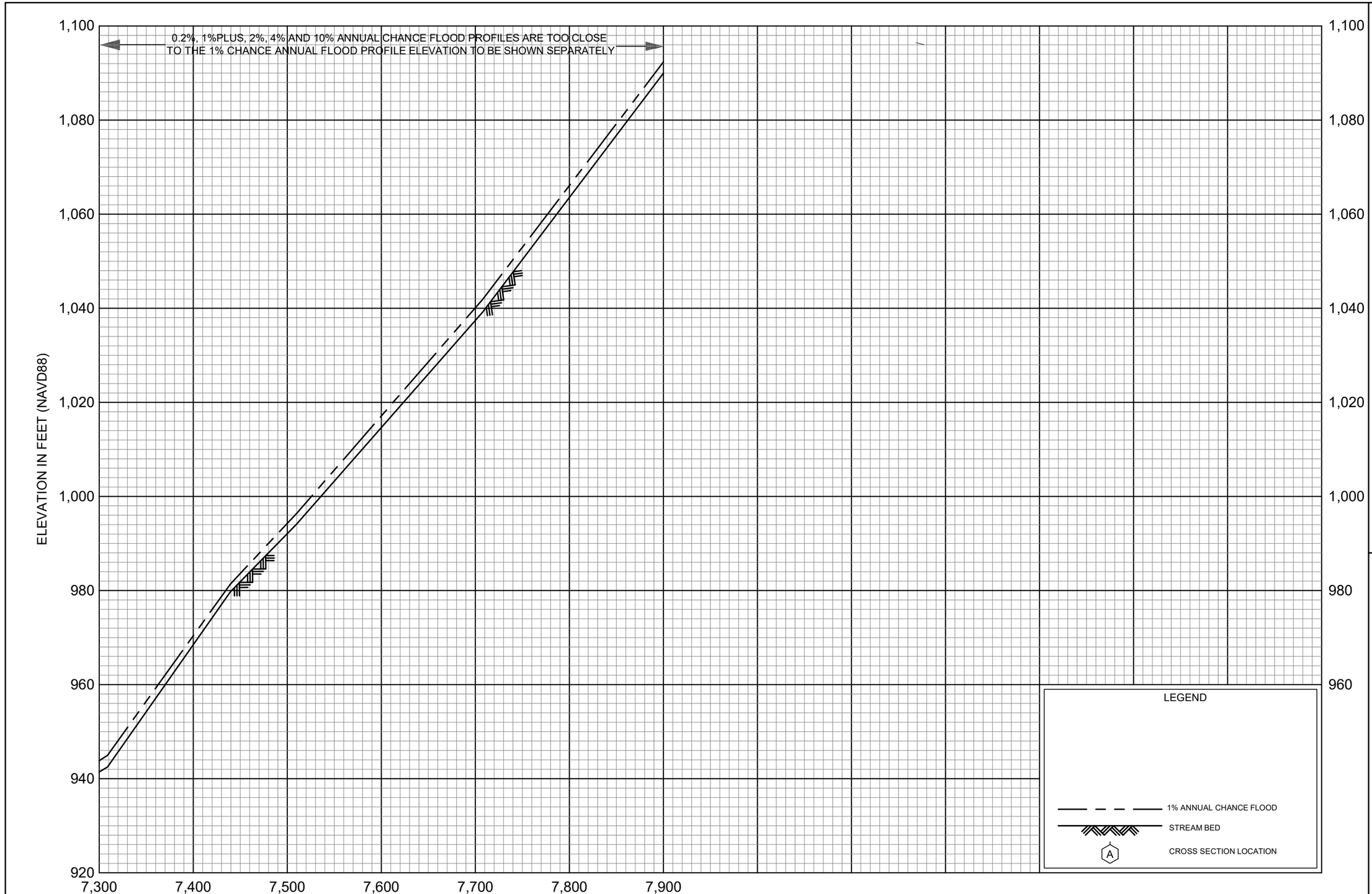
WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

267P



FLOOD PROFILES

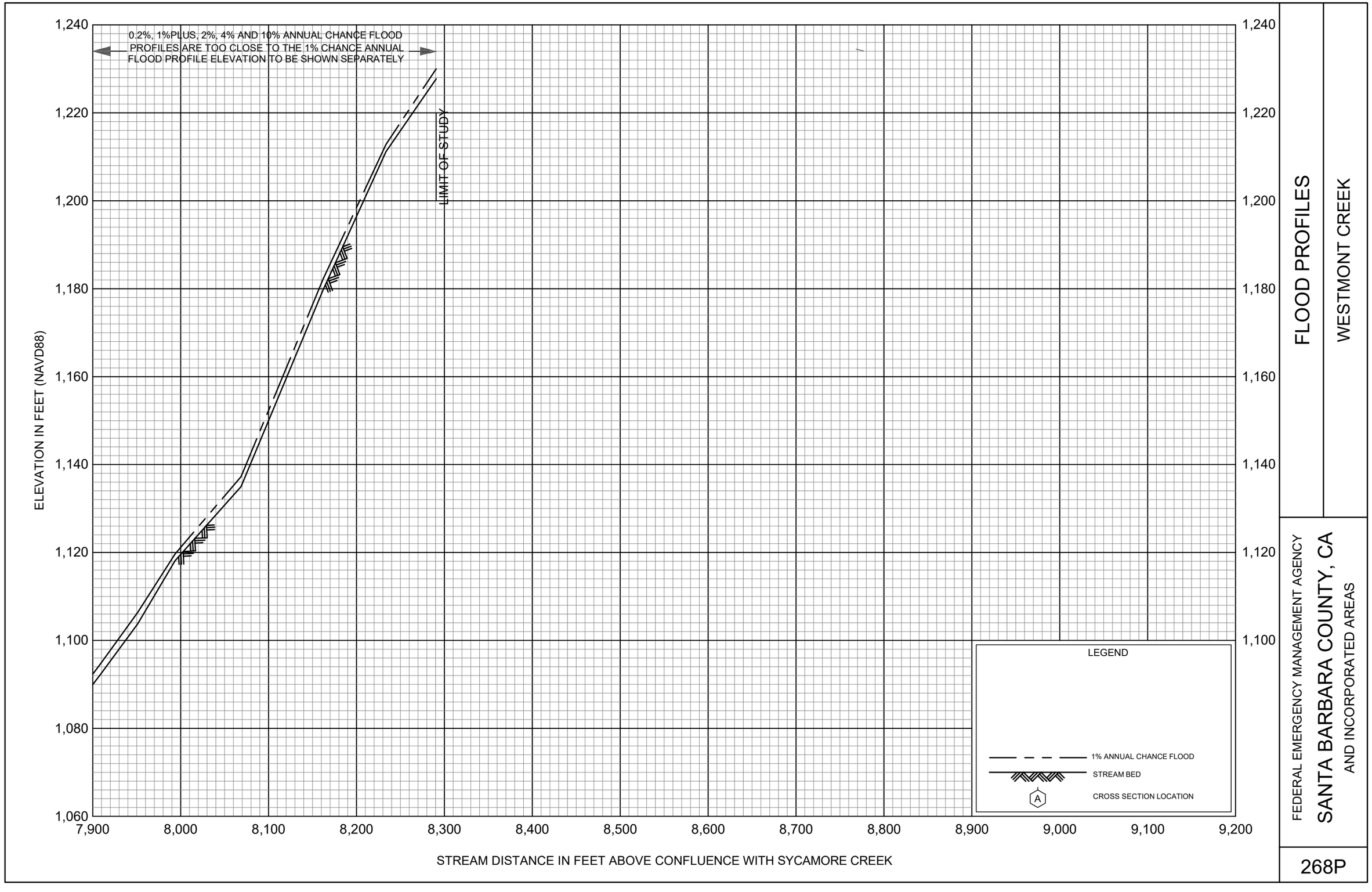
WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

267P



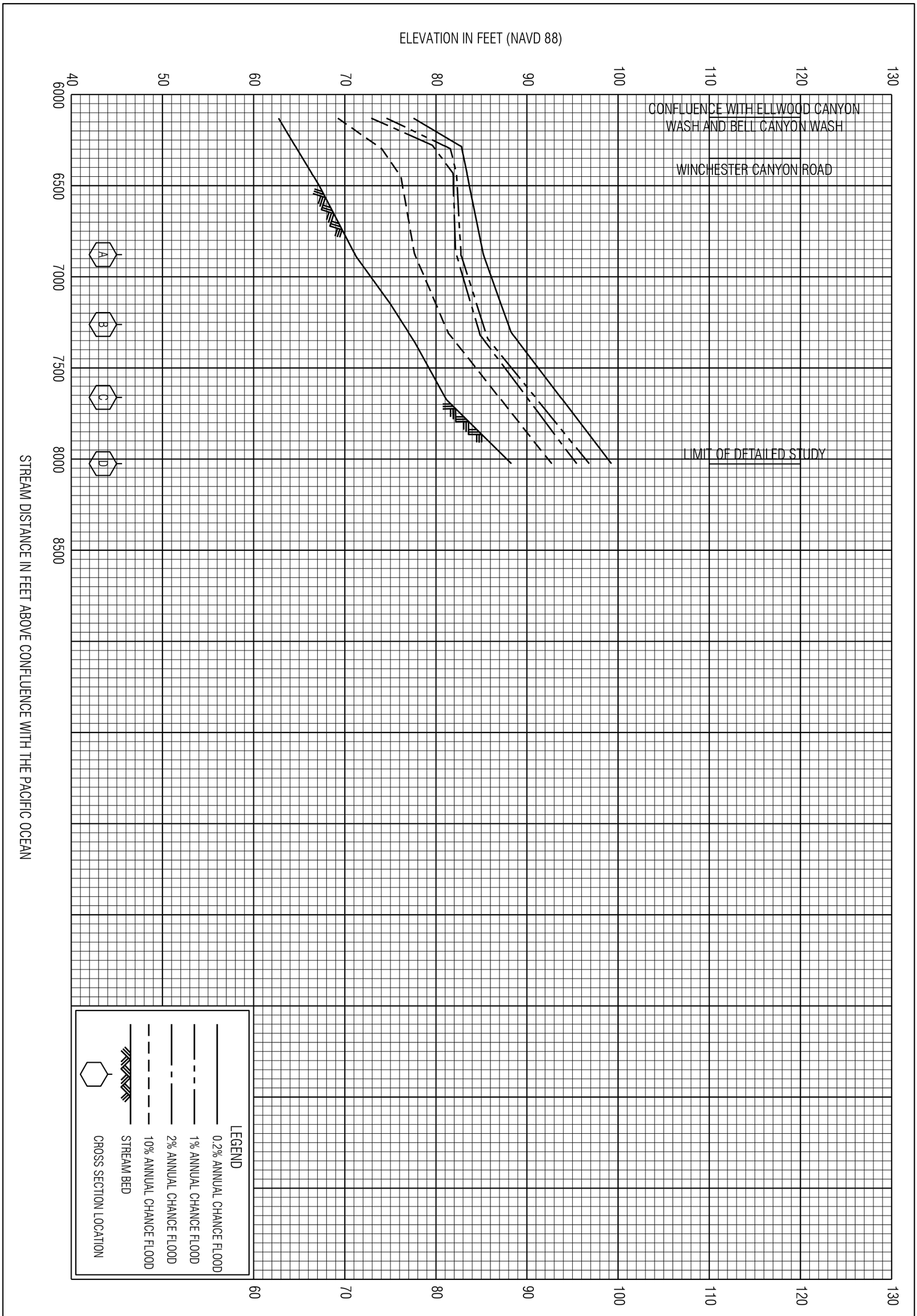
FLOOD PROFILES

WESTMONT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

268P



269P

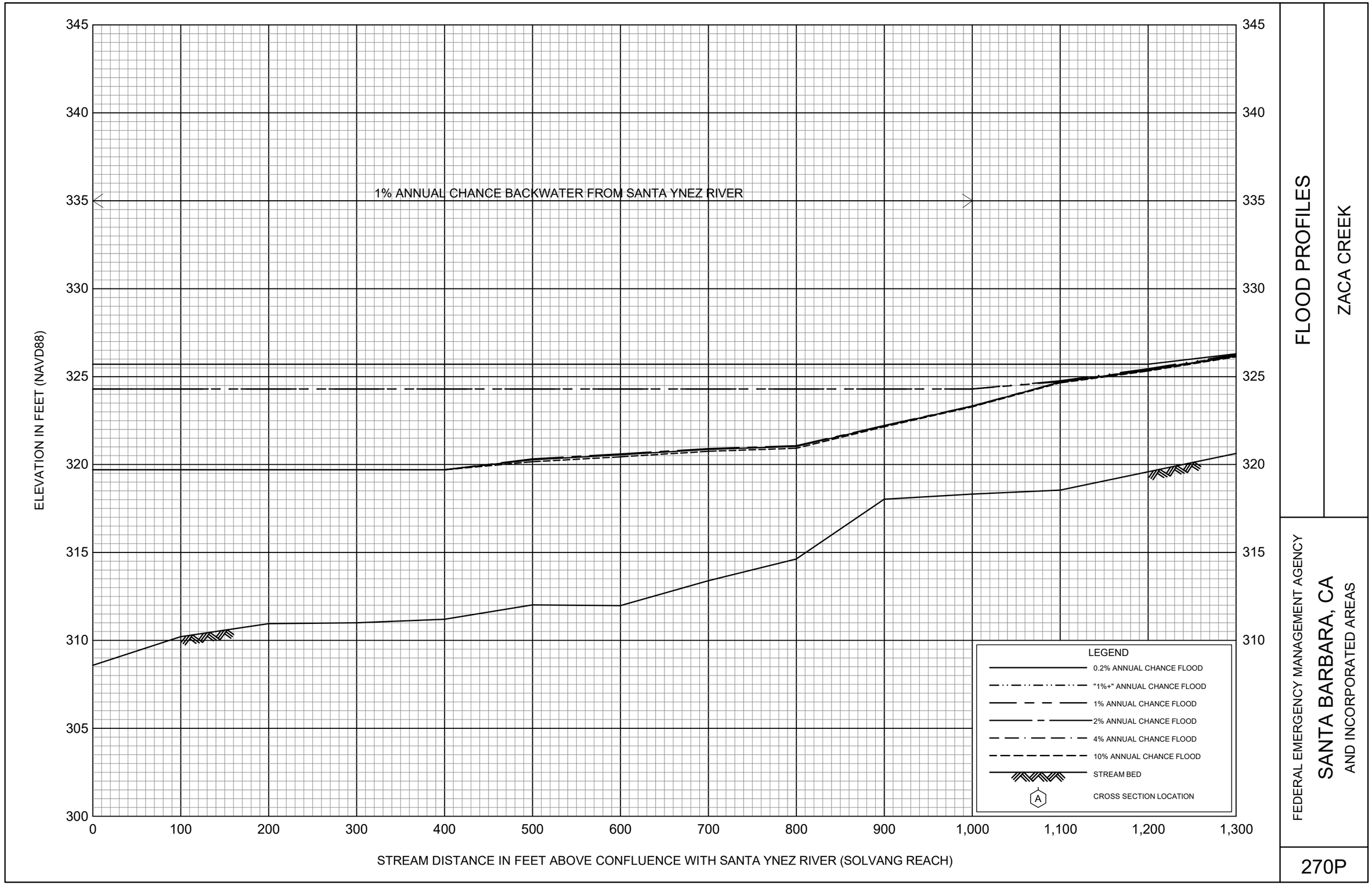
FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

WINCHESTER CANYON WASH



FLOOD PROFILES

ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

270P

ELEVATION IN FEET (NAVD88)

355
350
345
340
335
330
325
320
315
310

1,300 1,400 1,500 1,600 1,700 1,800 1,900 2,000 2,100 2,200 2,300 2,400 2,500 2,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SANTA YNEZ RIVER (SOLVANG REACH)

LEGEND

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

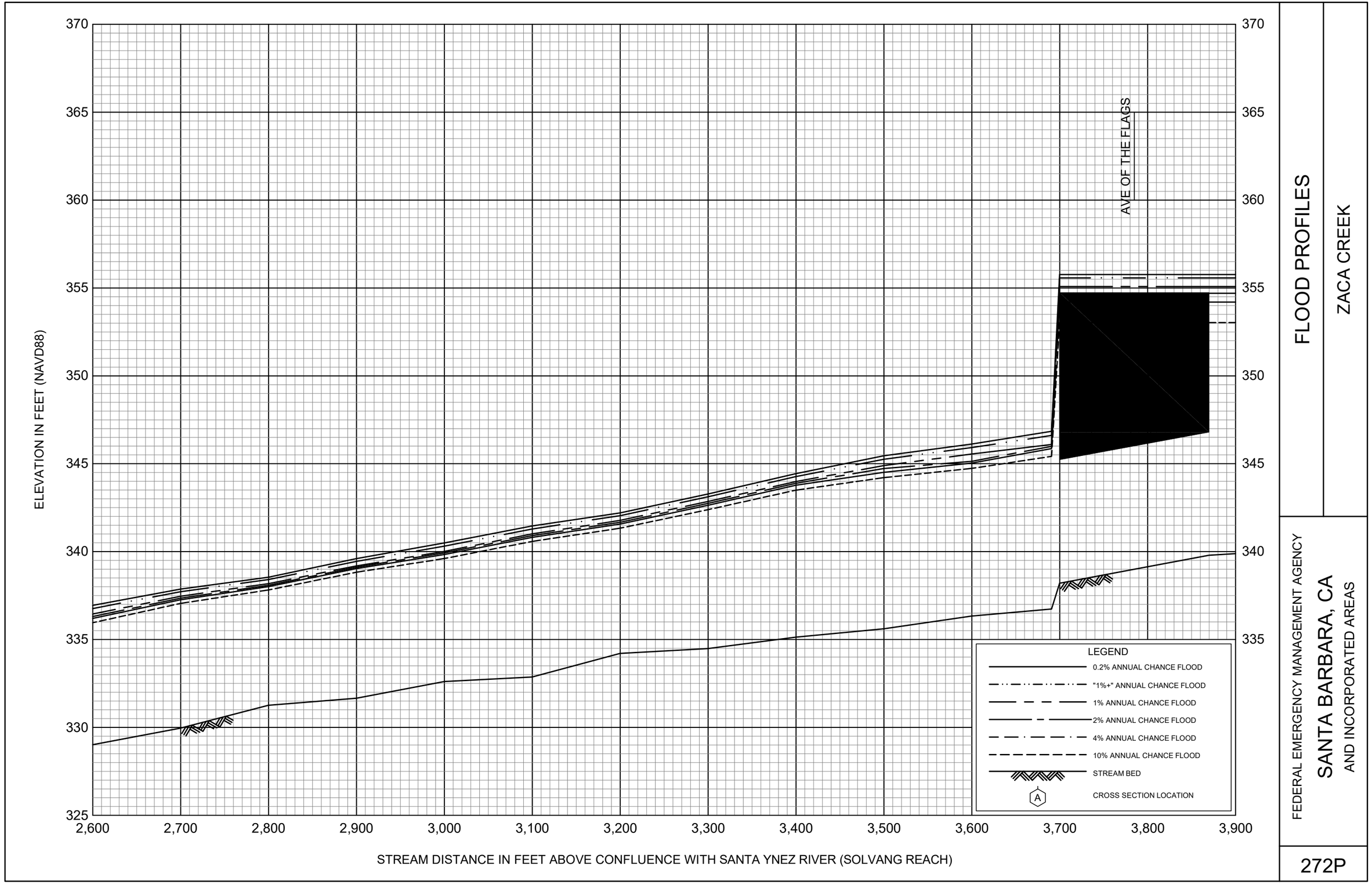
FLOOD PROFILES

ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA
AND INCORPORATED AREAS

271P



FLOOD PROFILES

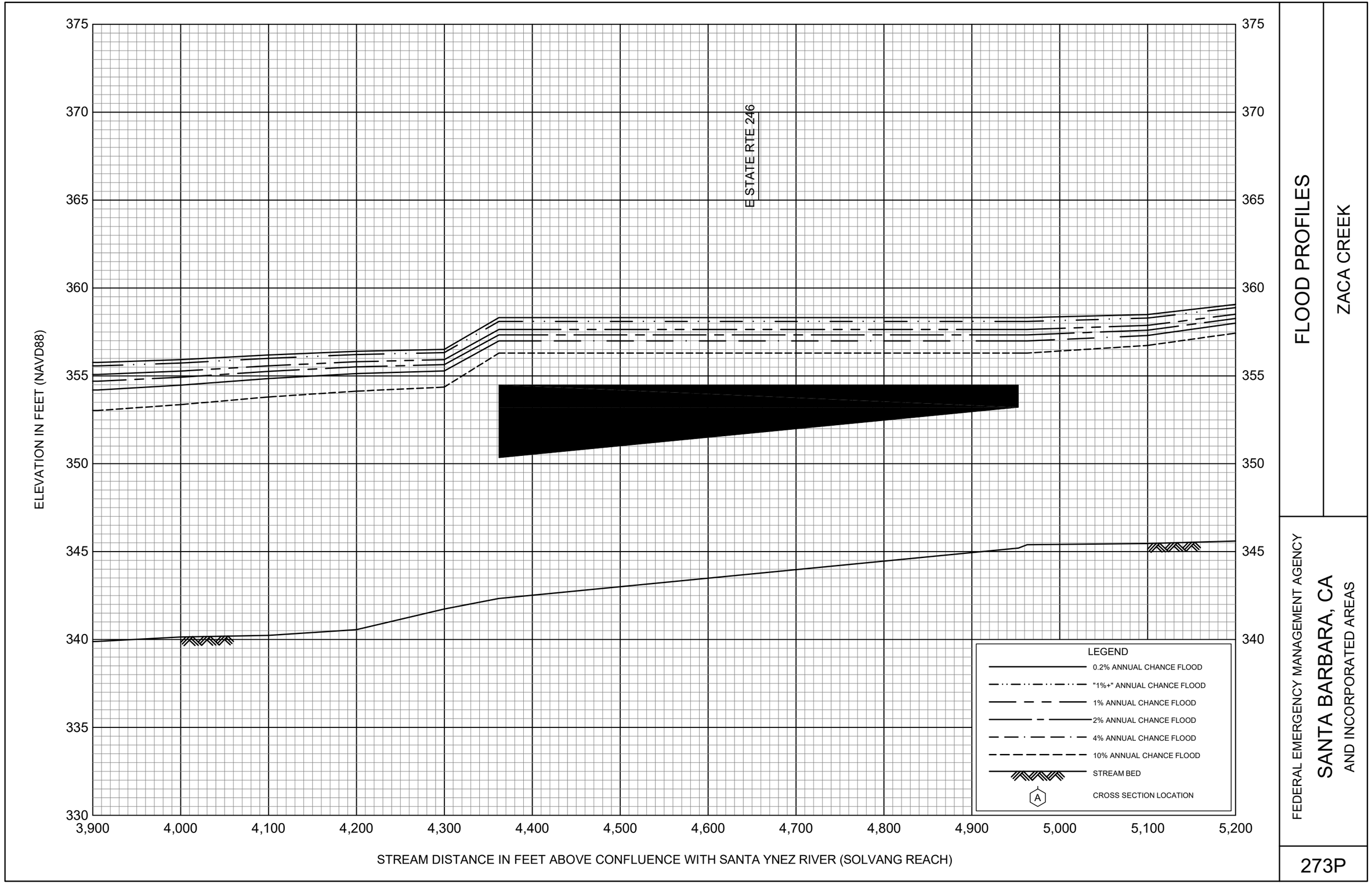
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

272P



FLOOD PROFILES

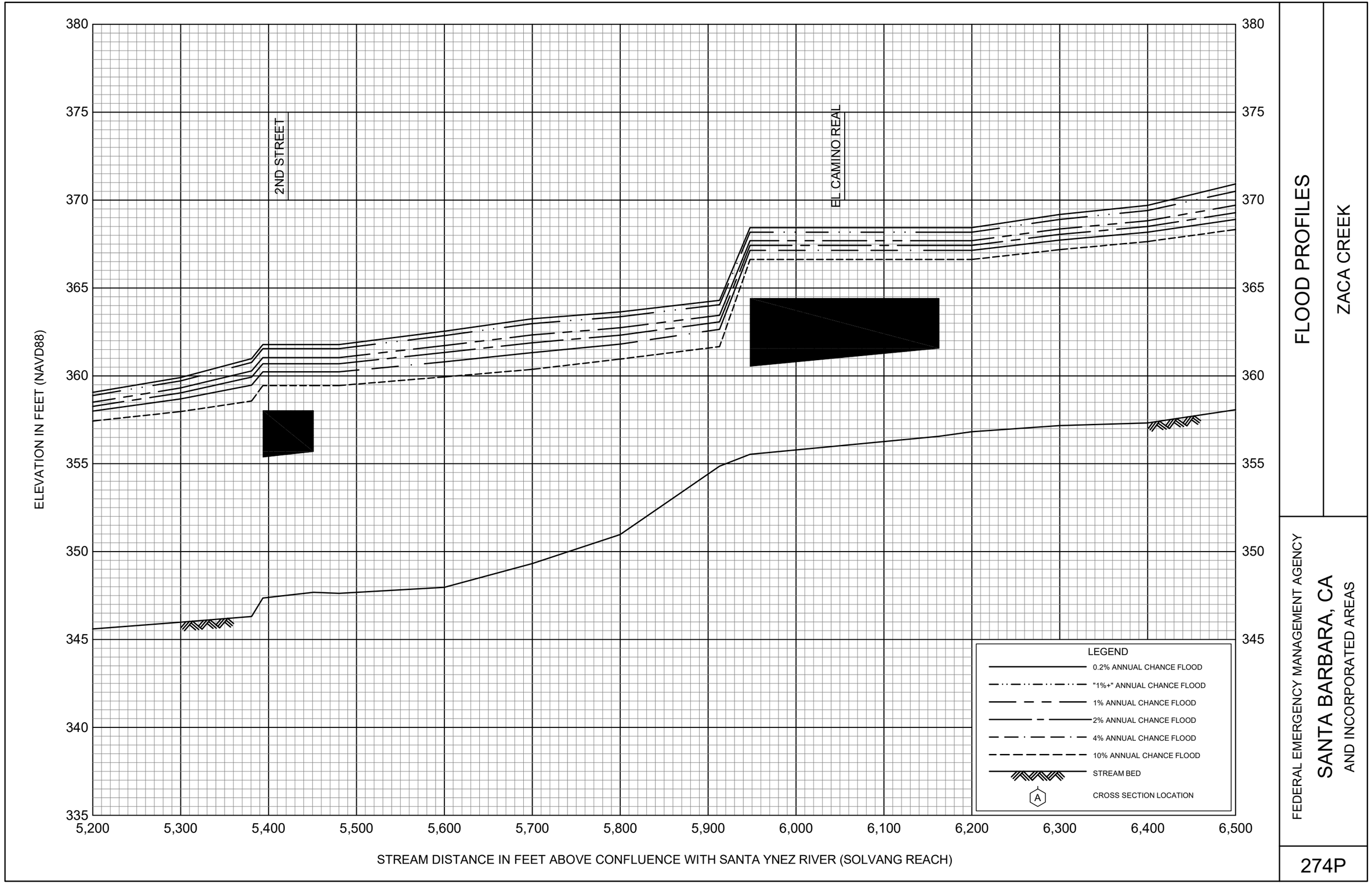
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

273P



FLOOD PROFILES

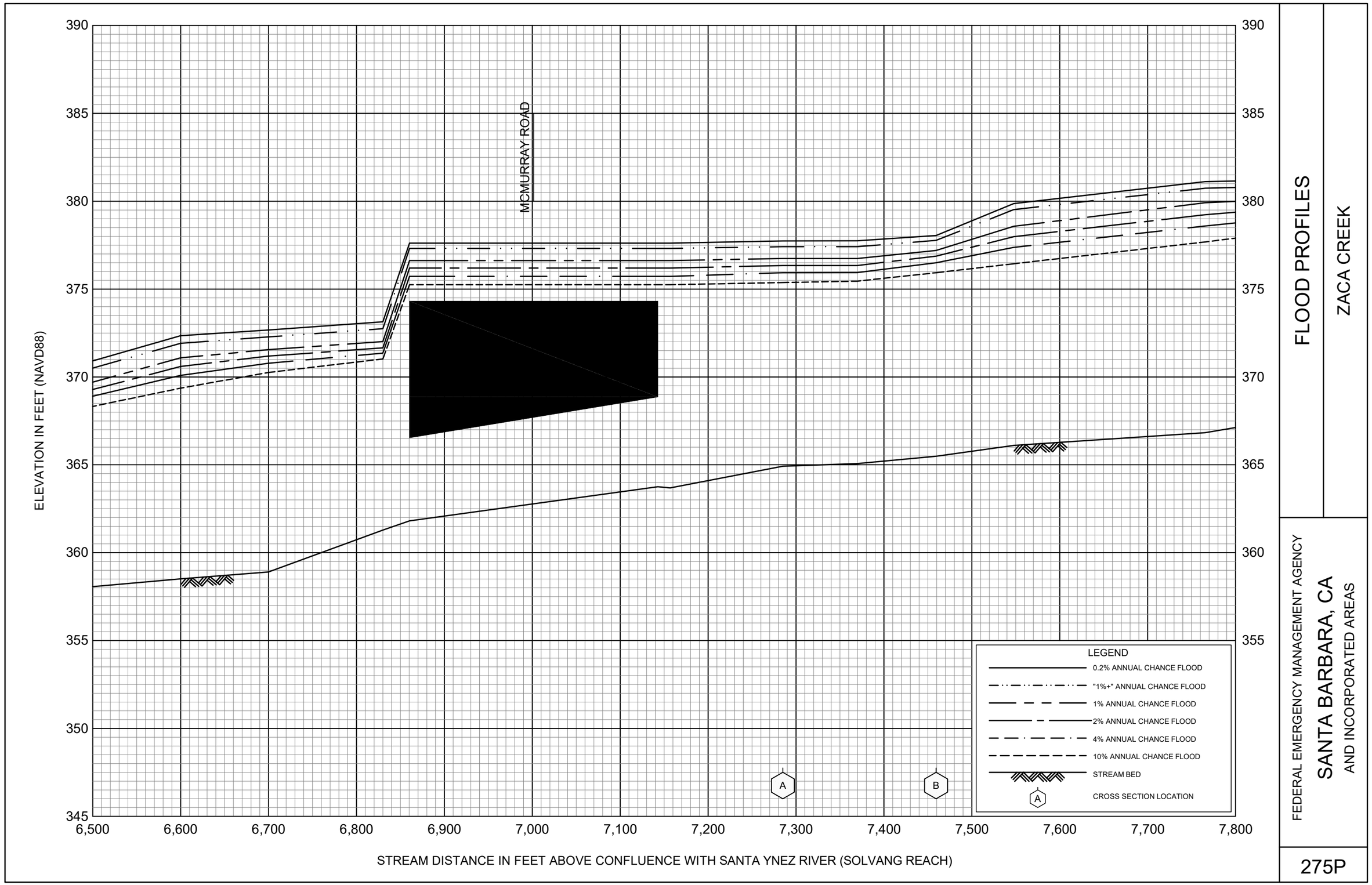
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

274P



FLOOD PROFILES

ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

275P

ELEVATION IN FEET (NAVD88)

400
395
390
385
380
375
370
365
360
355

7,800 7,900 8,000 8,100 8,200 8,300 8,400 8,500 8,600 8,700 8,800 8,900 9,000 9,100

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SANTA YNEZ RIVER (SOLVANG REACH)

C

D

LEGEND

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

FLOOD PROFILES

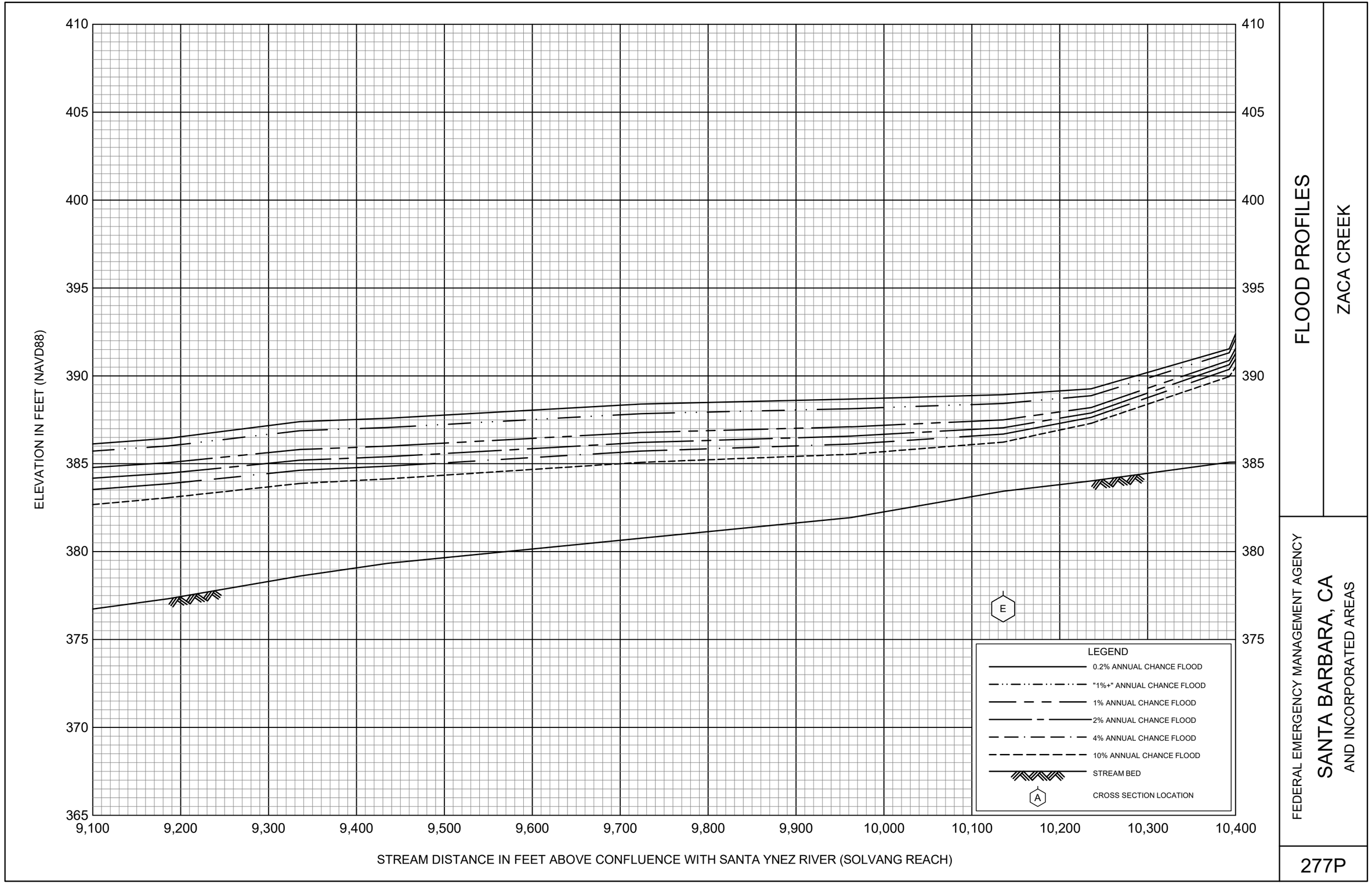
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

276P



FLOOD PROFILES

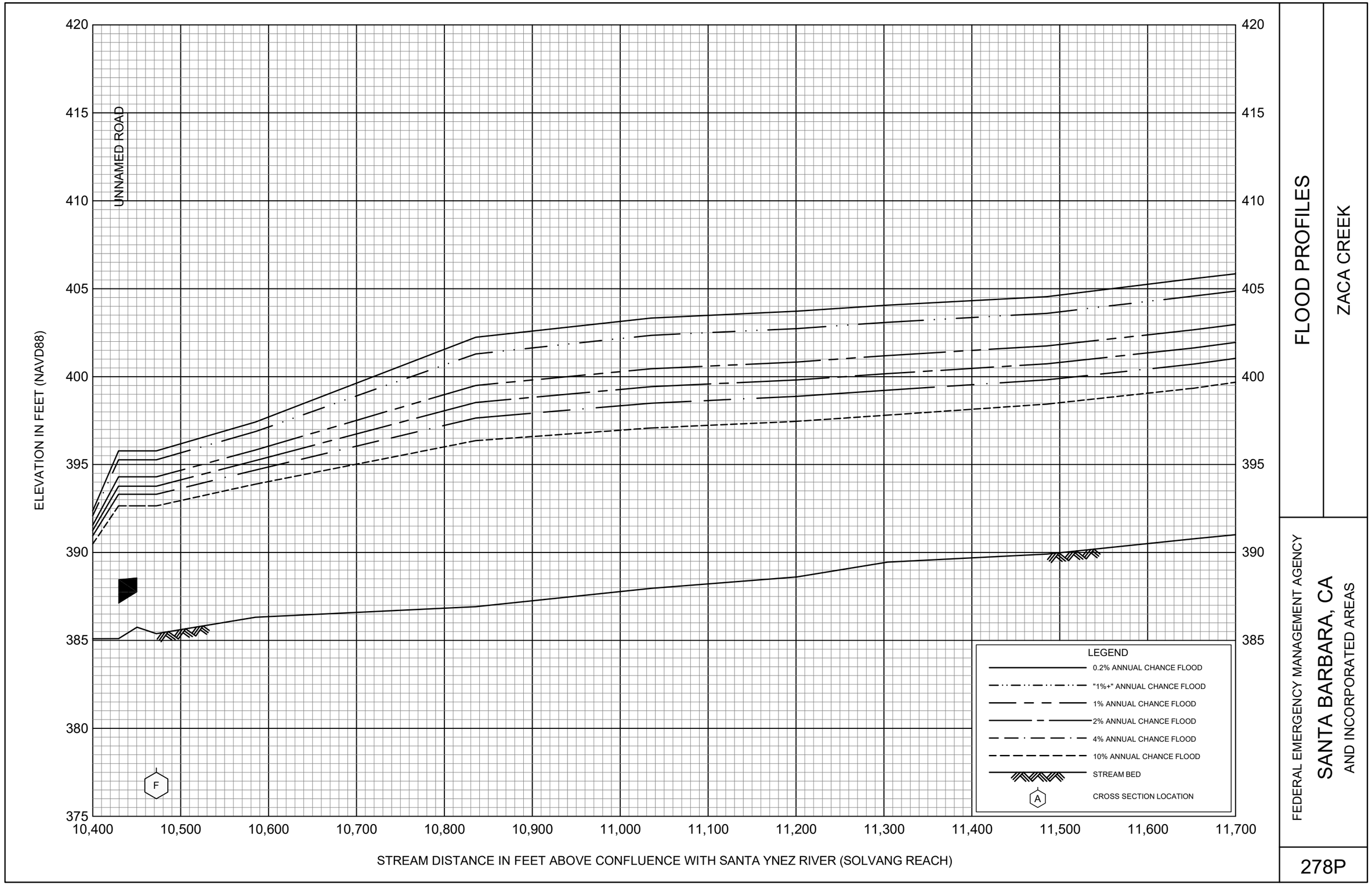
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

277P



FLOOD PROFILES

ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

278P

ELEVATION IN FEET (NAVD88)

425
420
415
410
405
400
395
390
385
380

11,700 11,800 11,900 12,000 12,100 12,200 12,300 12,400 12,500 12,600 12,700 12,800 12,900 13,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SANTA YNEZ RIVER (SOLVANG REACH)

G

LEGEND

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

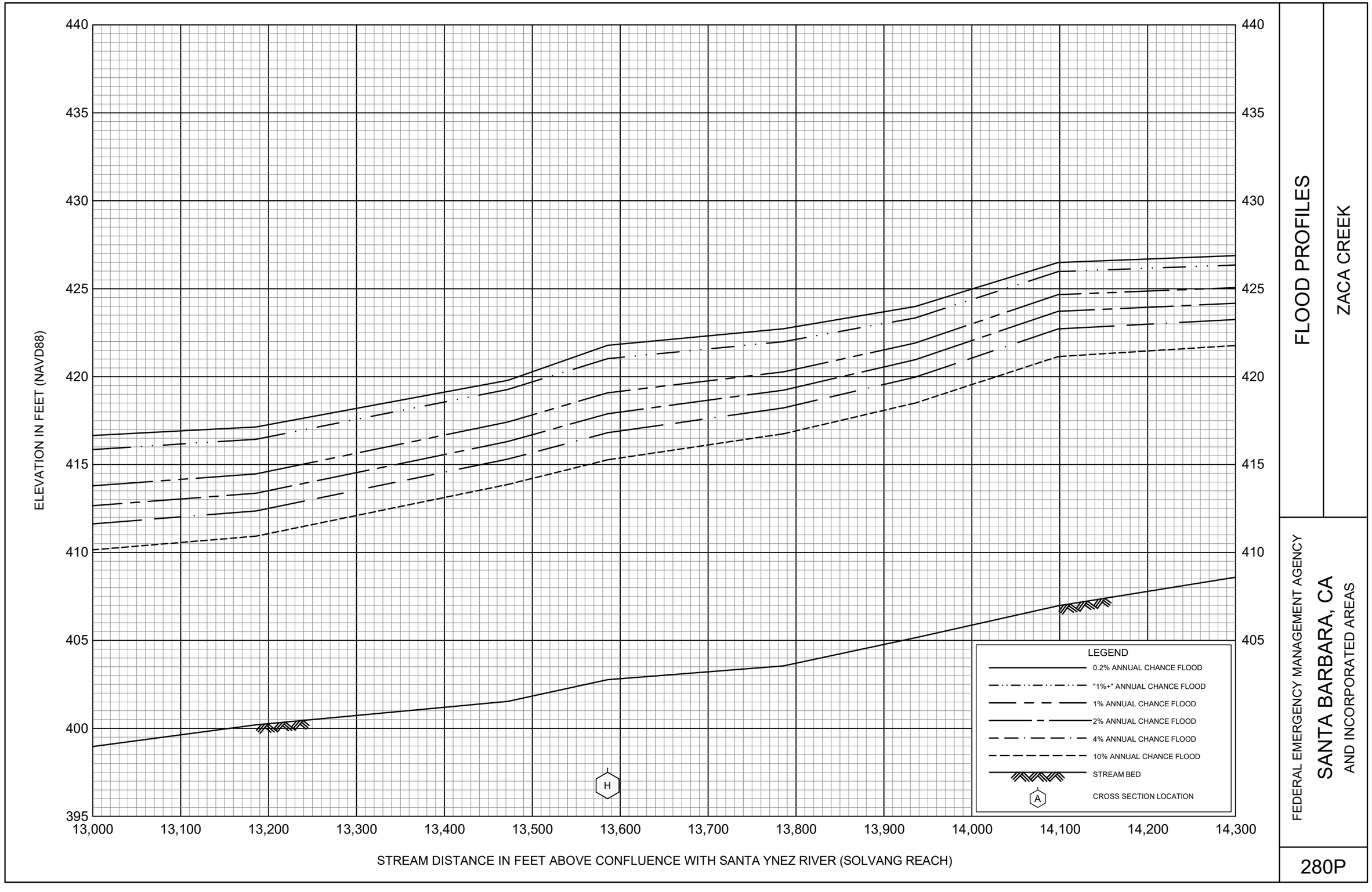
FLOOD PROFILES

ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA
AND INCORPORATED AREAS

279P



FLOOD PROFILES

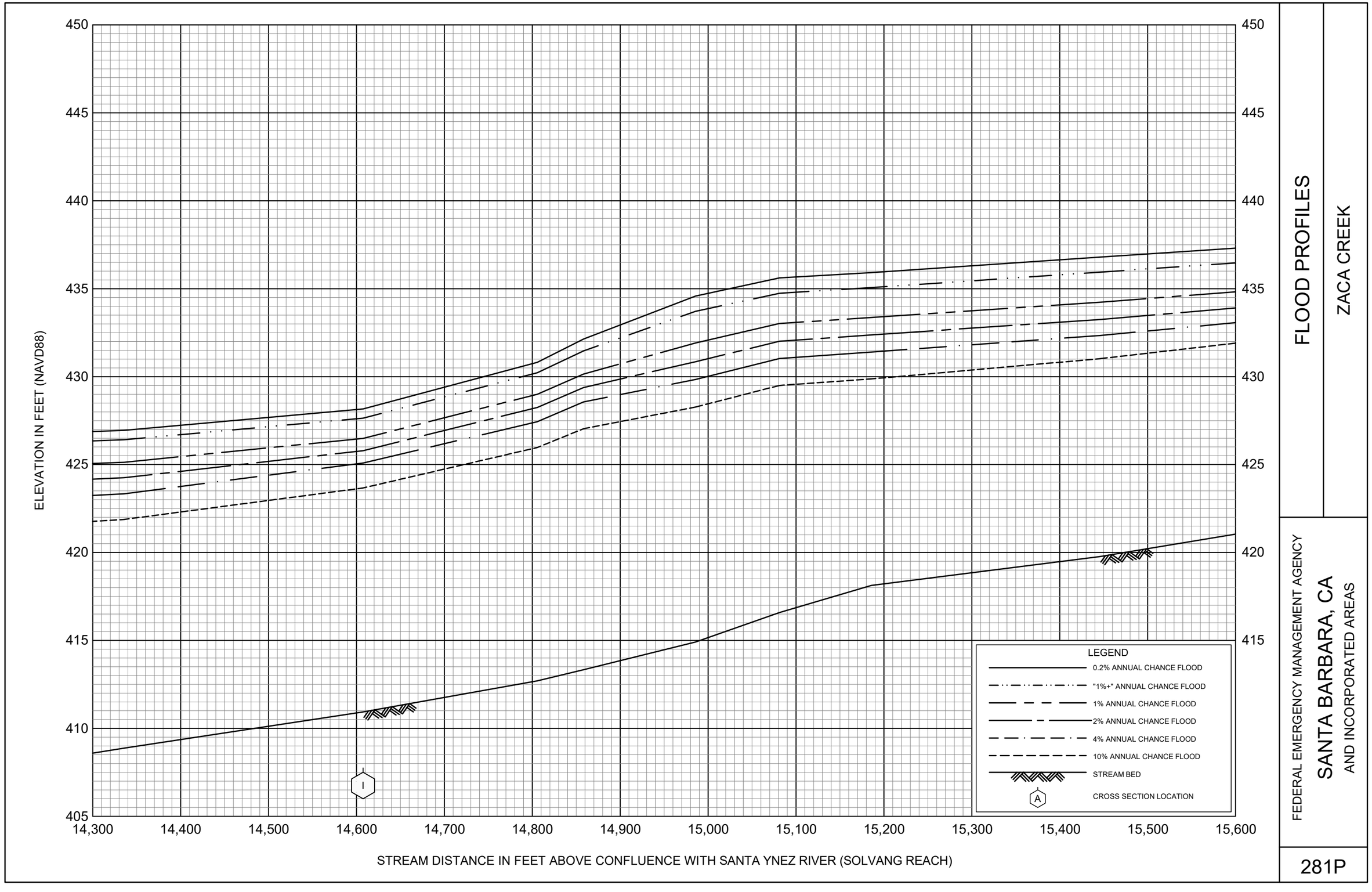
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

280P



FLOOD PROFILES

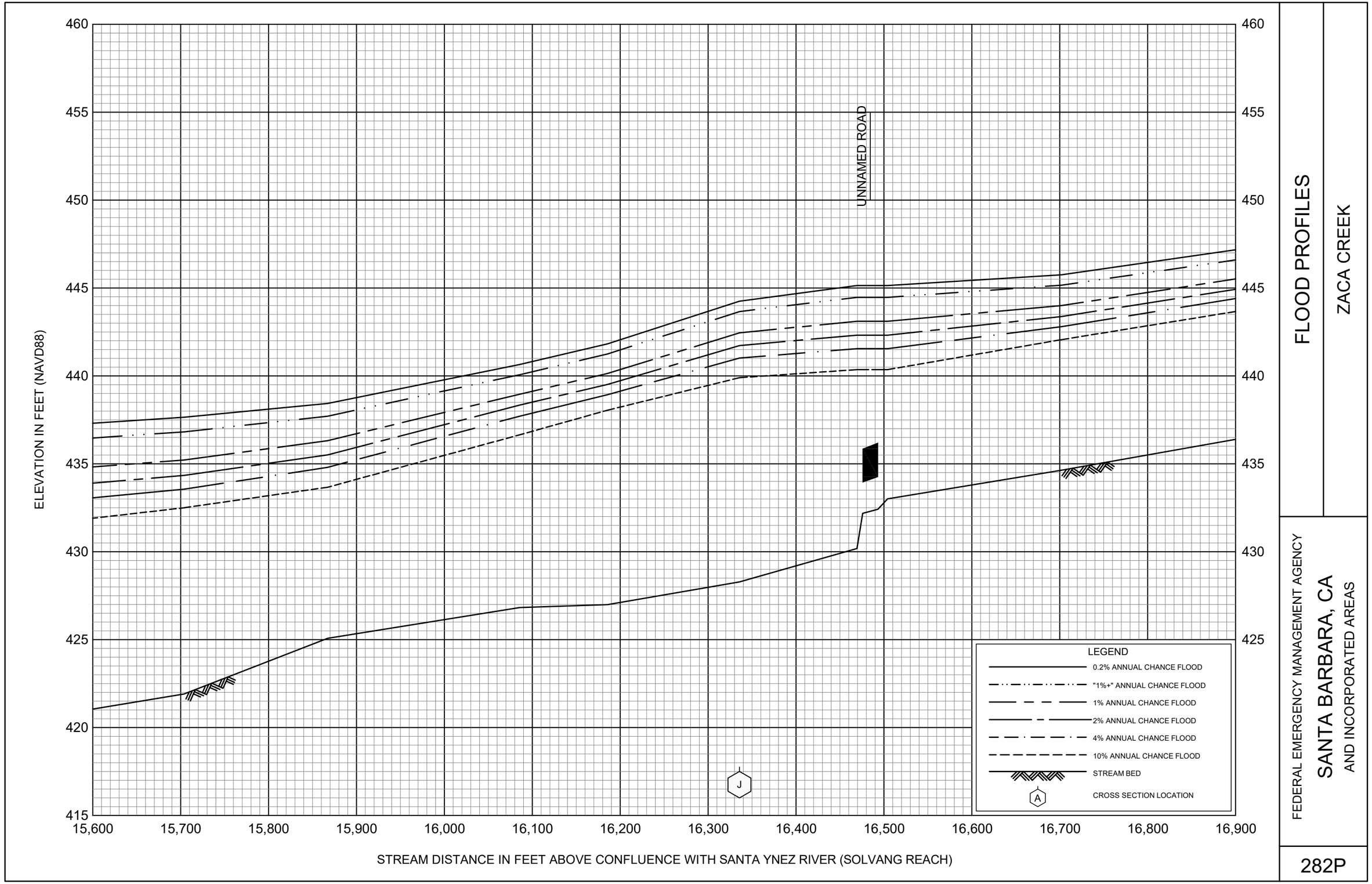
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

281P



FLOOD PROFILES

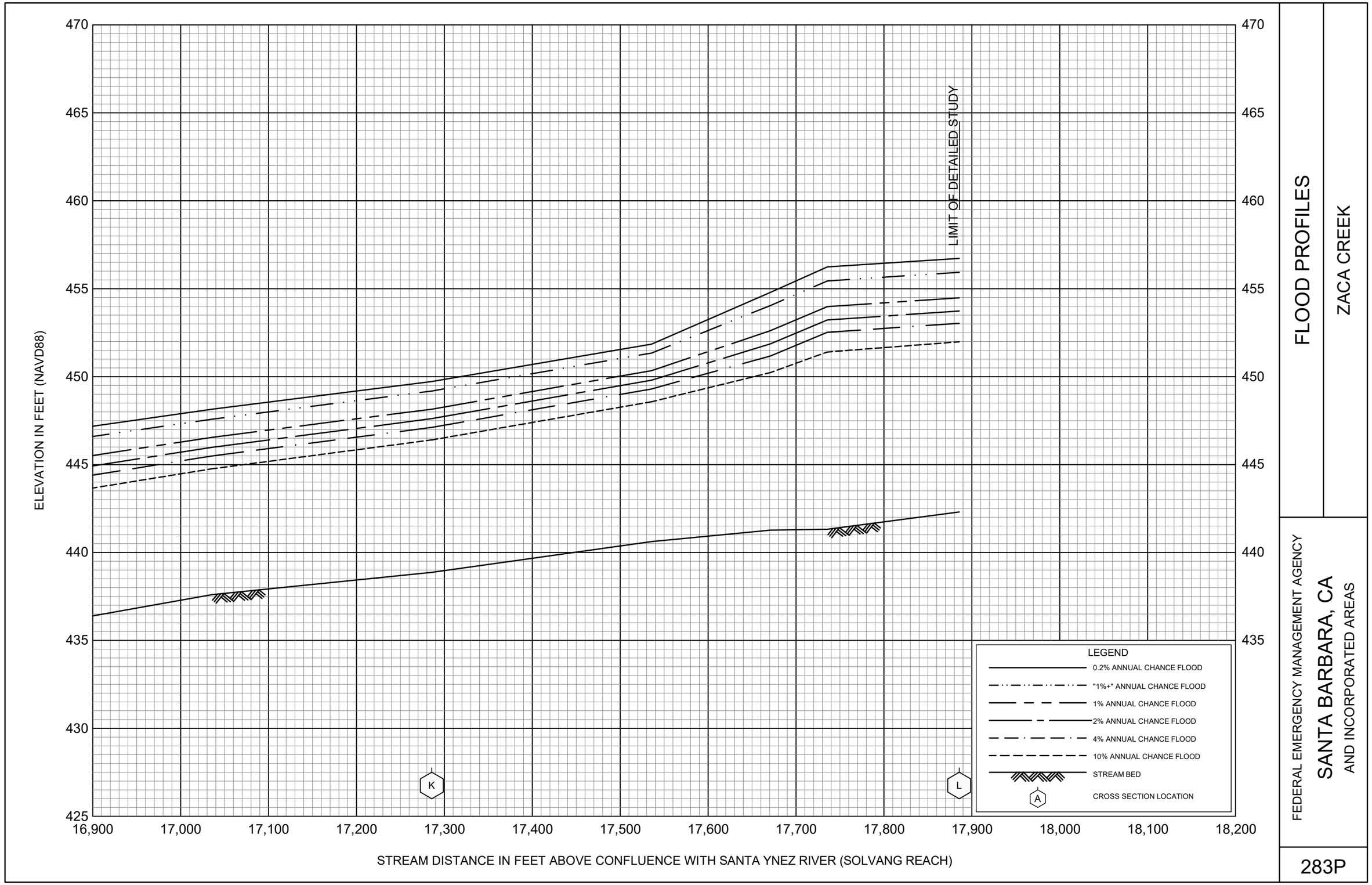
ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

282P



FLOOD PROFILES

ZACA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA, CA

AND INCORPORATED AREAS

283P

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 6 OF 7

SANTA BARBARA COUNTY, CALIFORNIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BUELLTON, CITY OF	060757
CARPINTERIA, CITY OF	060332
GOLETA, CITY OF	060771
GUADALUPE, CITY OF	060333
LOMPOC, CITY OF	060334
SANTA BARBARA, CITY OF	060335
SANTA BARBARA COUNTY (UNINCORPORATED AREAS)	060331
SANTA MARIA, CITY OF	060336
SOLVANG, CITY OF	060756

TRIBAL NATION*
SANTA YNEZ BAND OF CHUMASH INDIANS (060029)

*Federally Recognized Tribal Nation; Not an NFIP Community

REVISED PRELIMINARY MAY 15, 2025

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
06083CV006E
Version Number 2.3.3.3

FEMA

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Published Separately

WATER SURFACE PROFILE COMPUTED BY 2D MODEL

ELEVATION IN FEET (NAVD88)

320
300
280
260
240
220
200
180
160
140

7,400 7,500 7,600 7,700 7,800 7,900 8,000 8,100 8,200 8,300 8,400 8,500 8,600 8,700

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

P

Q

LEGEND

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

FLOOD PROFILES

MONTECITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

157P

ELEVATION IN FEET (NAVD88)

360
340
320
300
280
260
240
220
200
180

8,700 8,800 8,900 9,000 9,100 9,200 9,300 9,400 9,500 9,600 9,700 9,800 9,900 10,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

R

S

LEGEND

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

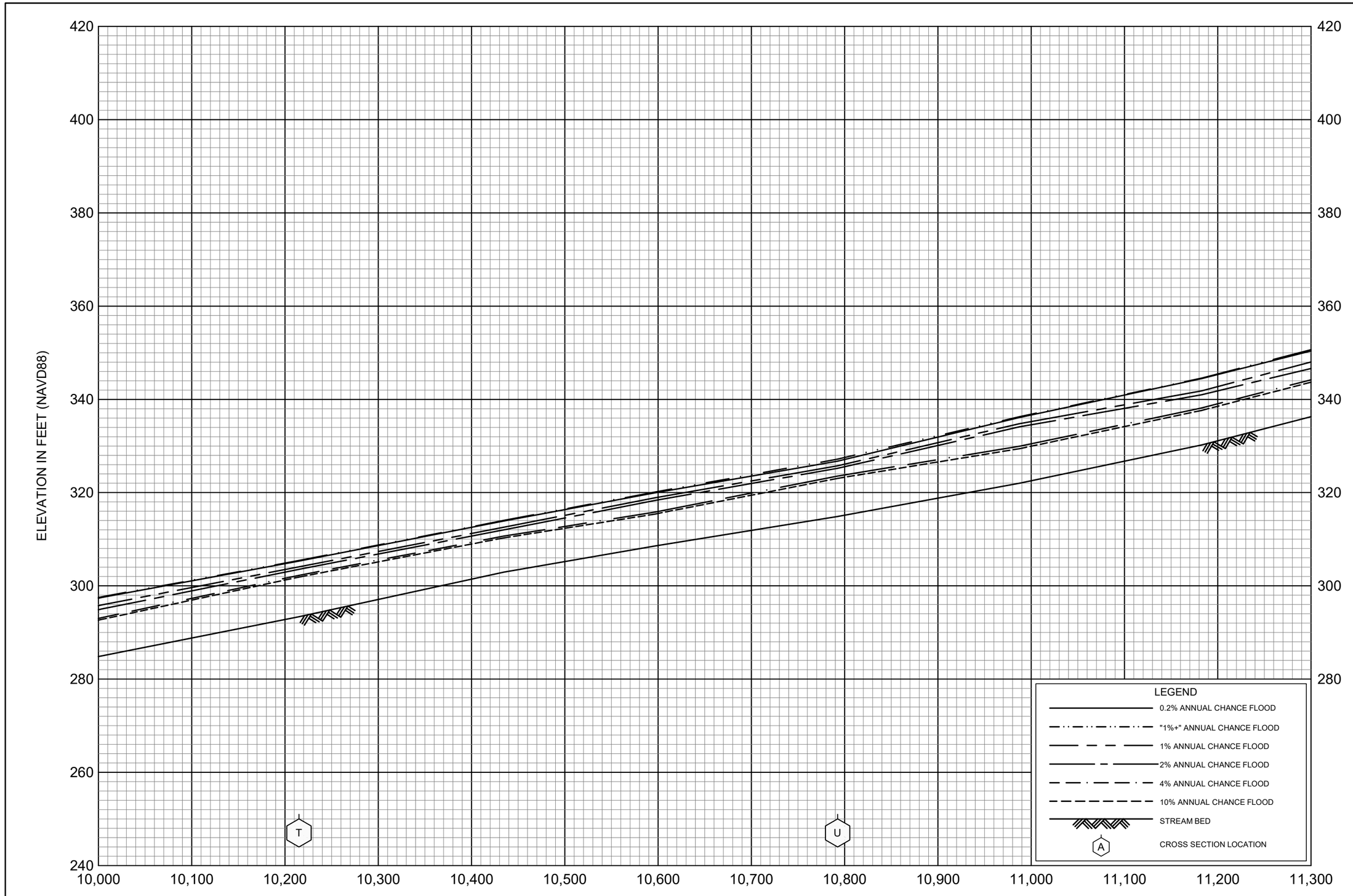
FLOOD PROFILES

MONTECITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

158P



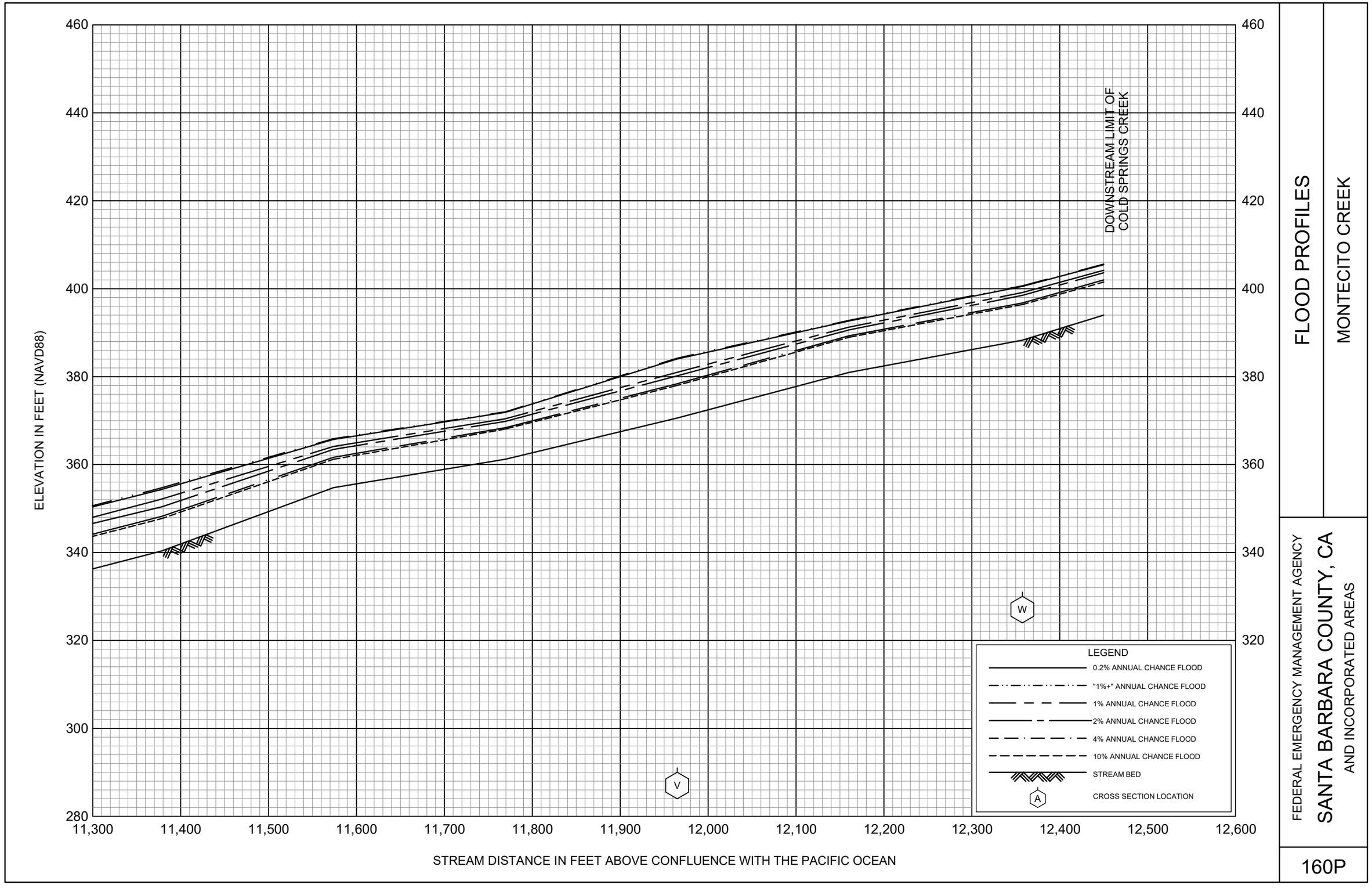
FLOOD PROFILES

MONTECITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

159P



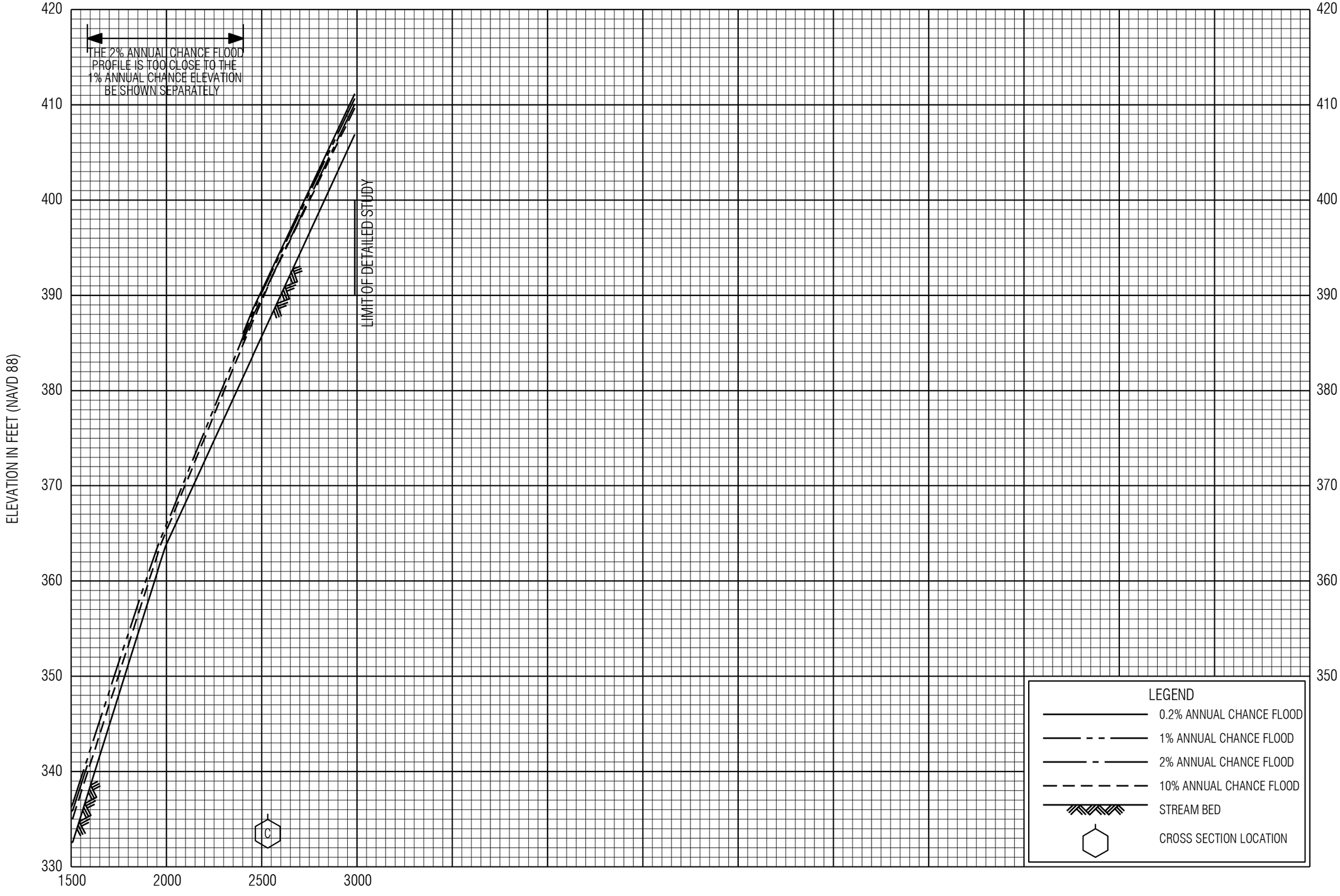
FLOOD PROFILES

MONTECITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

160P



FLOOD PROFILES

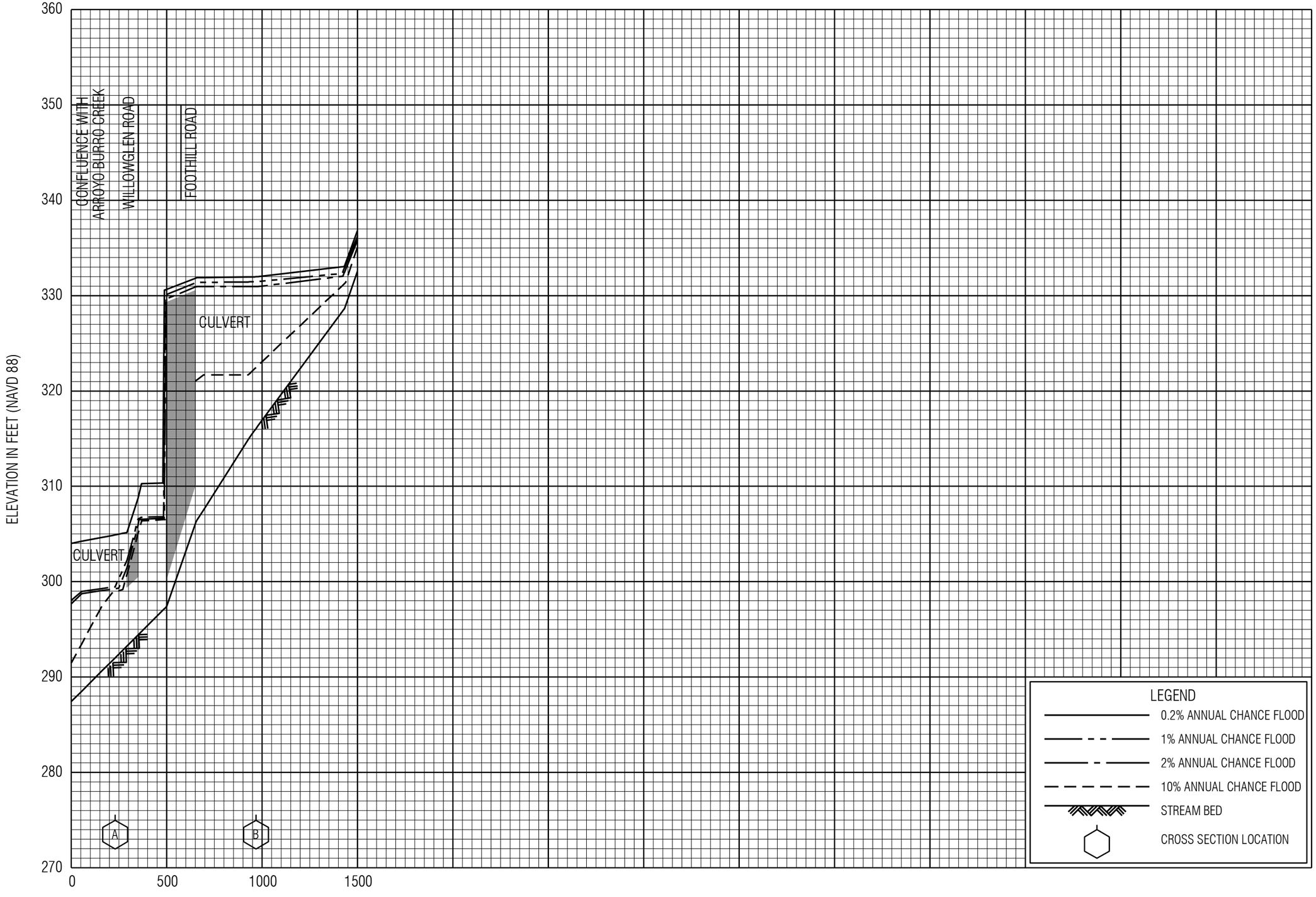
NORTHRIDGE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

161P



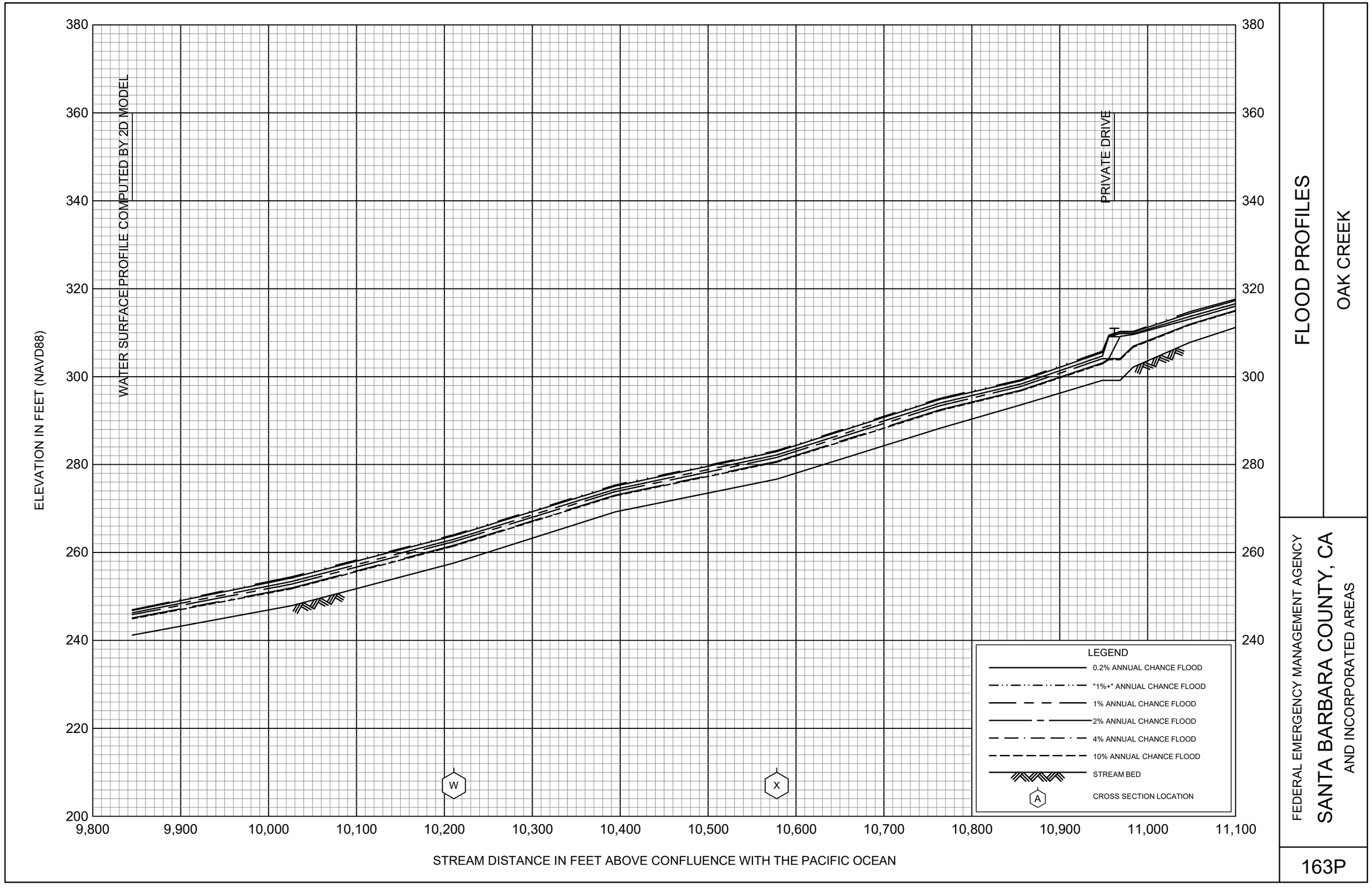
FLOOD PROFILES

NORTHRIDGE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

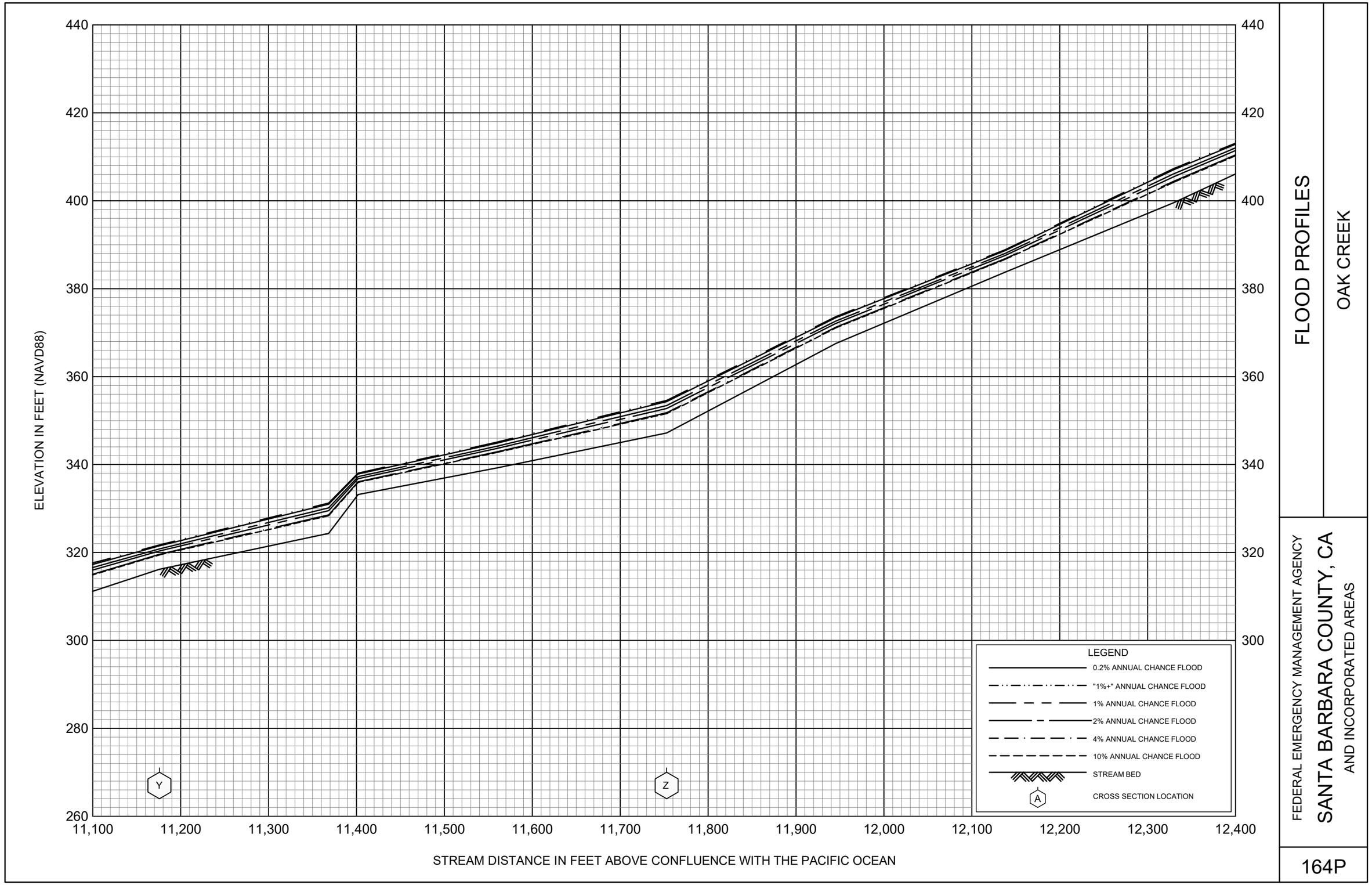
OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

163P



FLOOD PROFILES

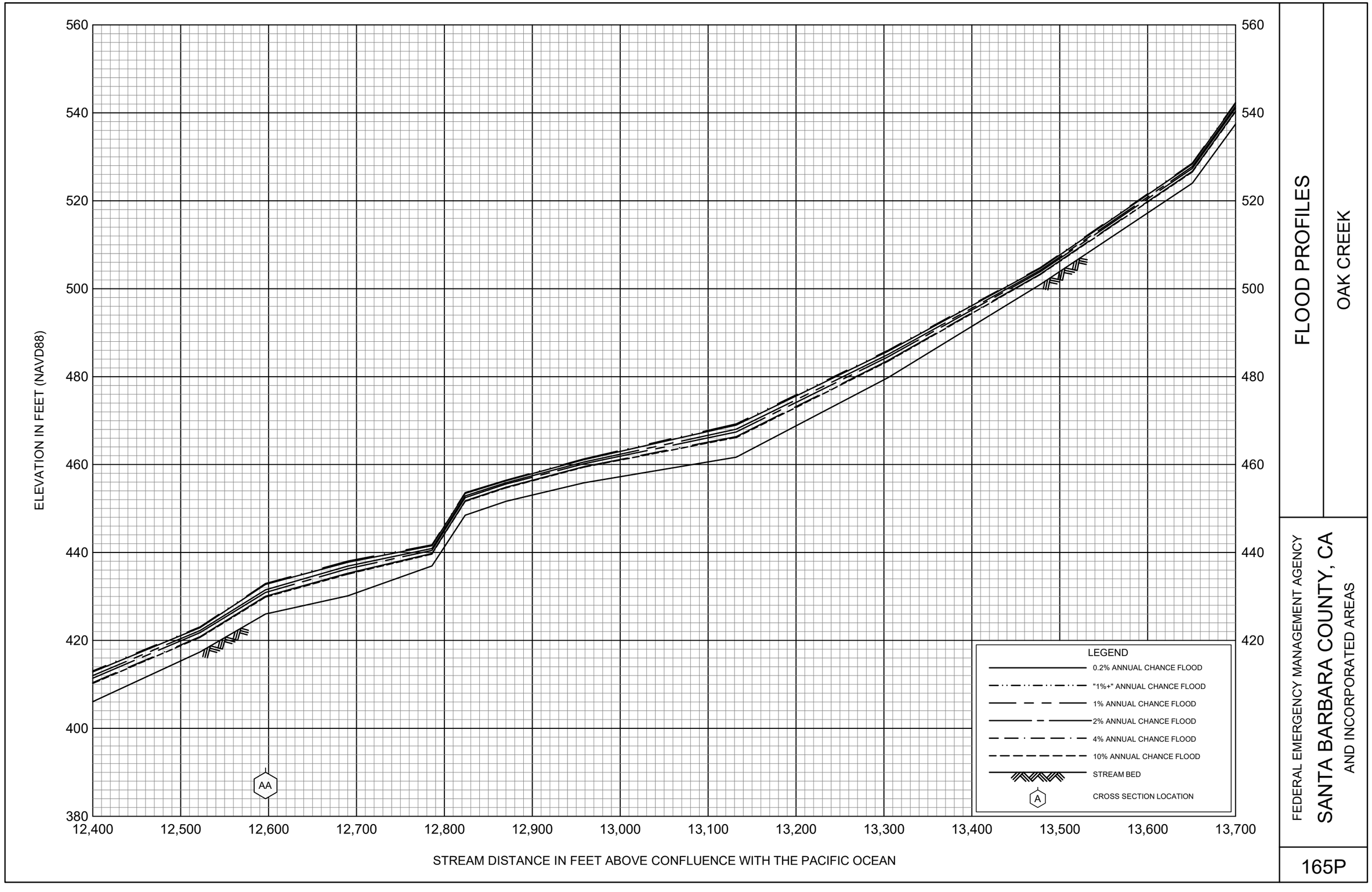
OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

164P



FLOOD PROFILES

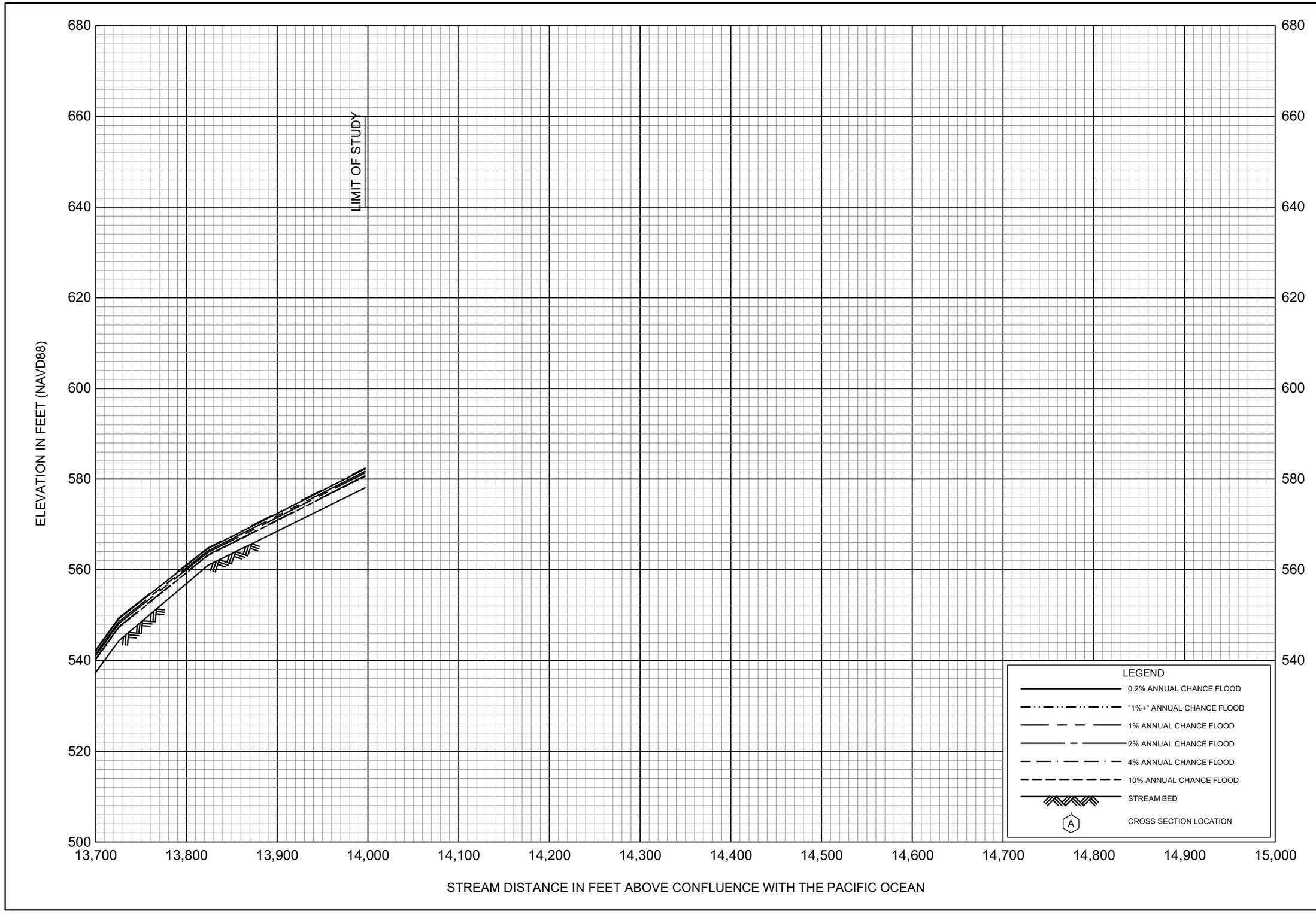
OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

165P



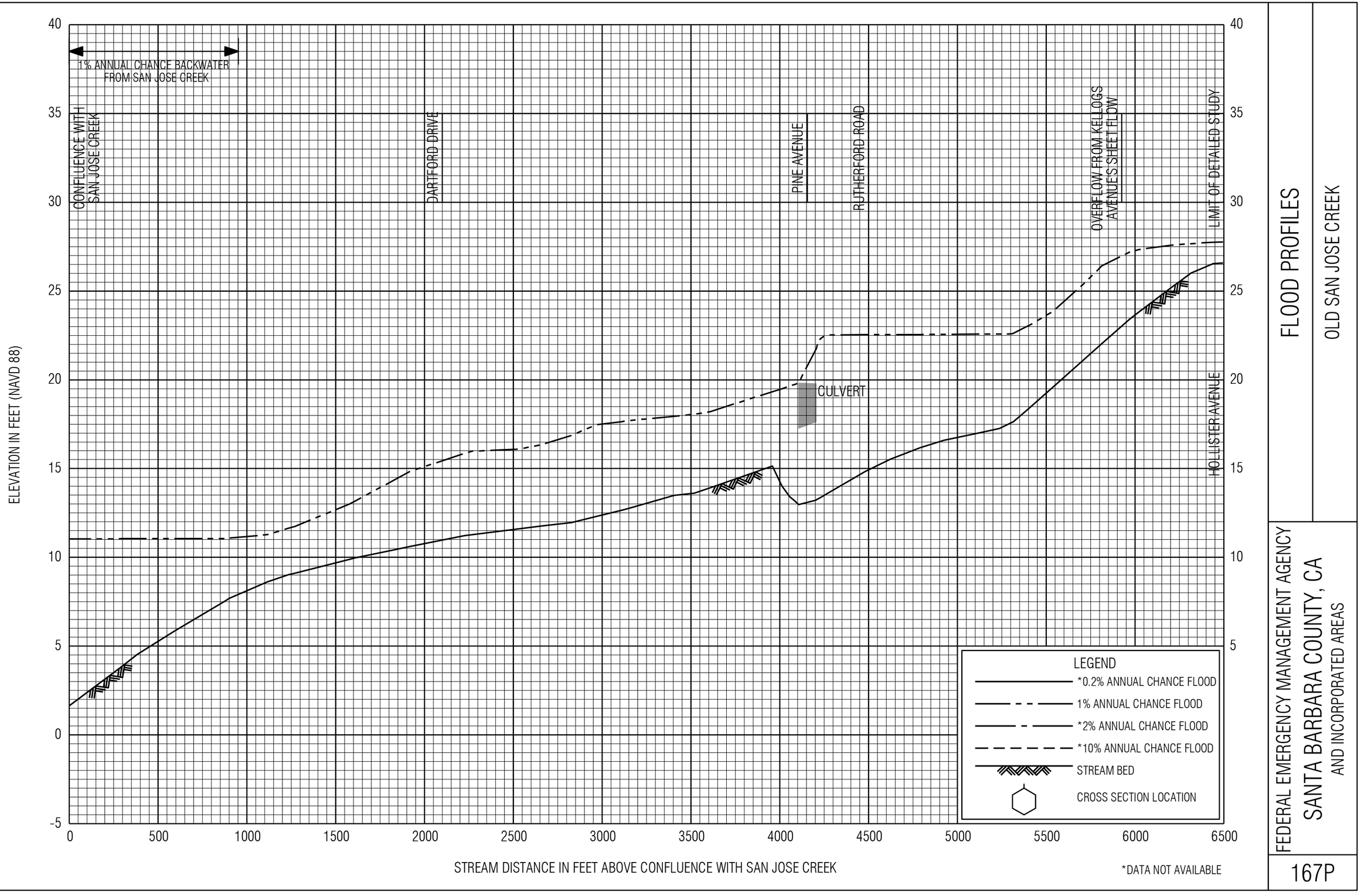
FLOOD PROFILES

OAK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

166P



*DATA NOT AVAILABLE

FLOOD PROFILES

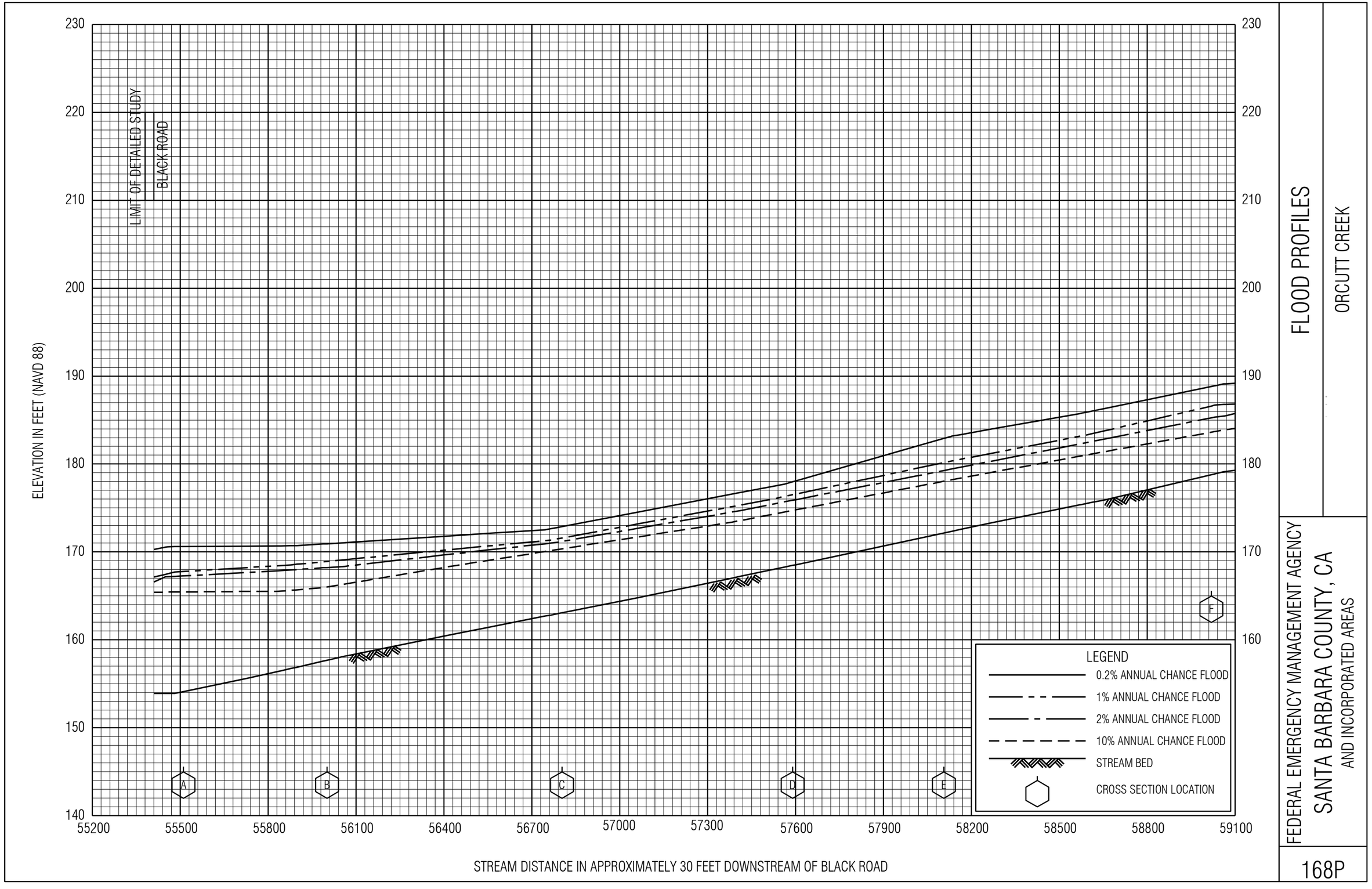
OLD SAN JOSE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

167P

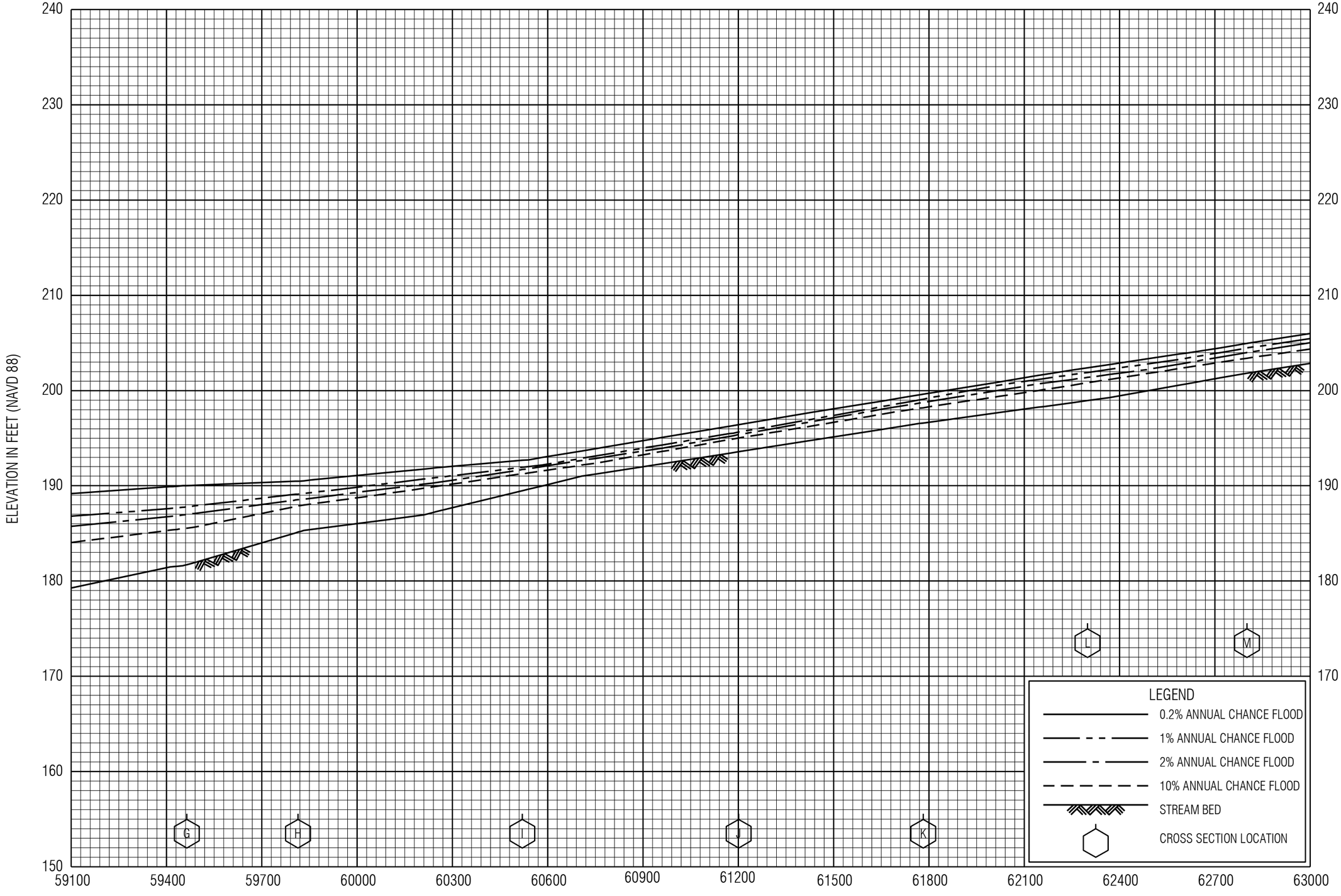


FLOOD PROFILES

ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

168P



FLOOD PROFILES

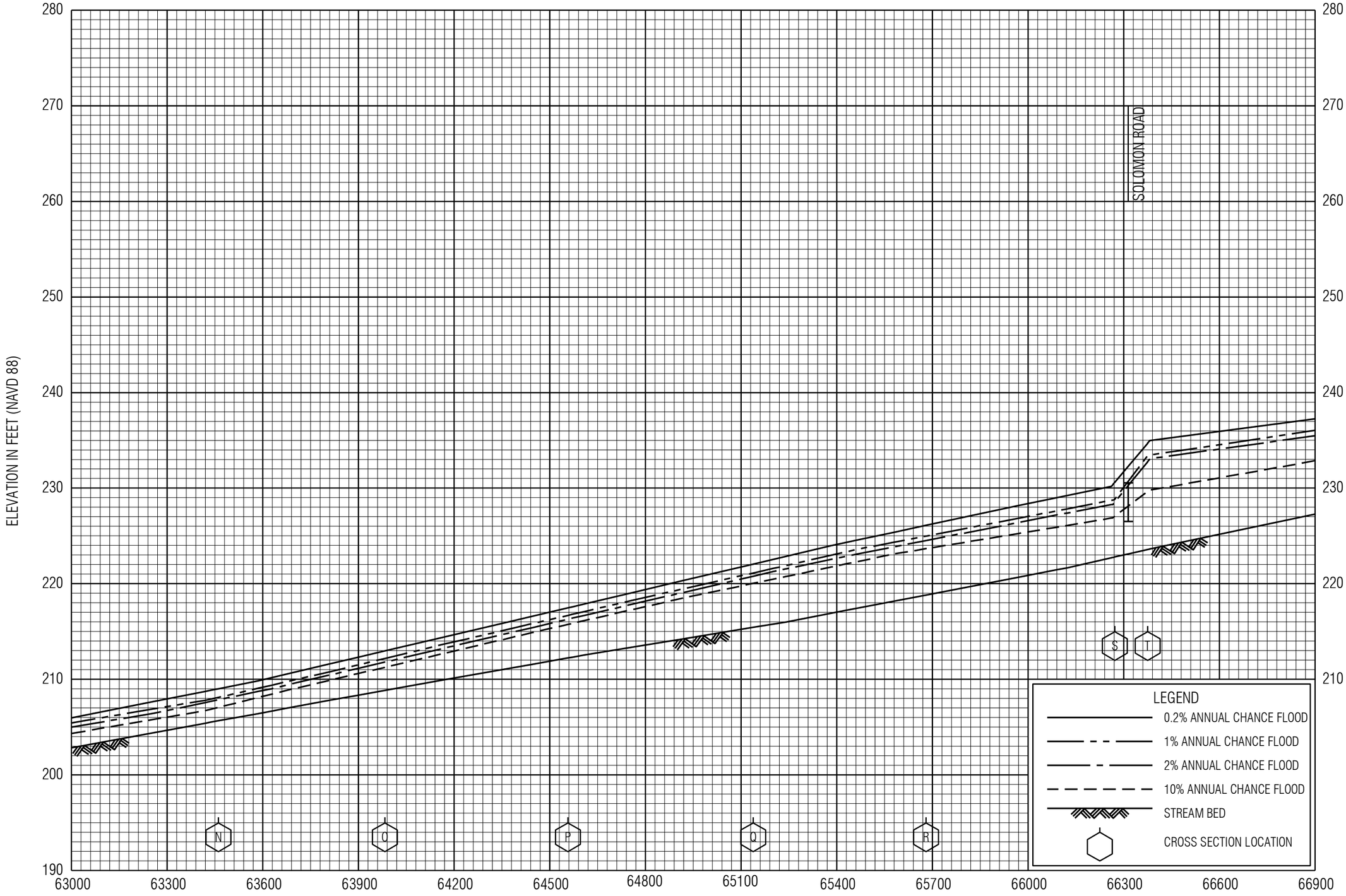
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

169P



FLOOD PROFILES

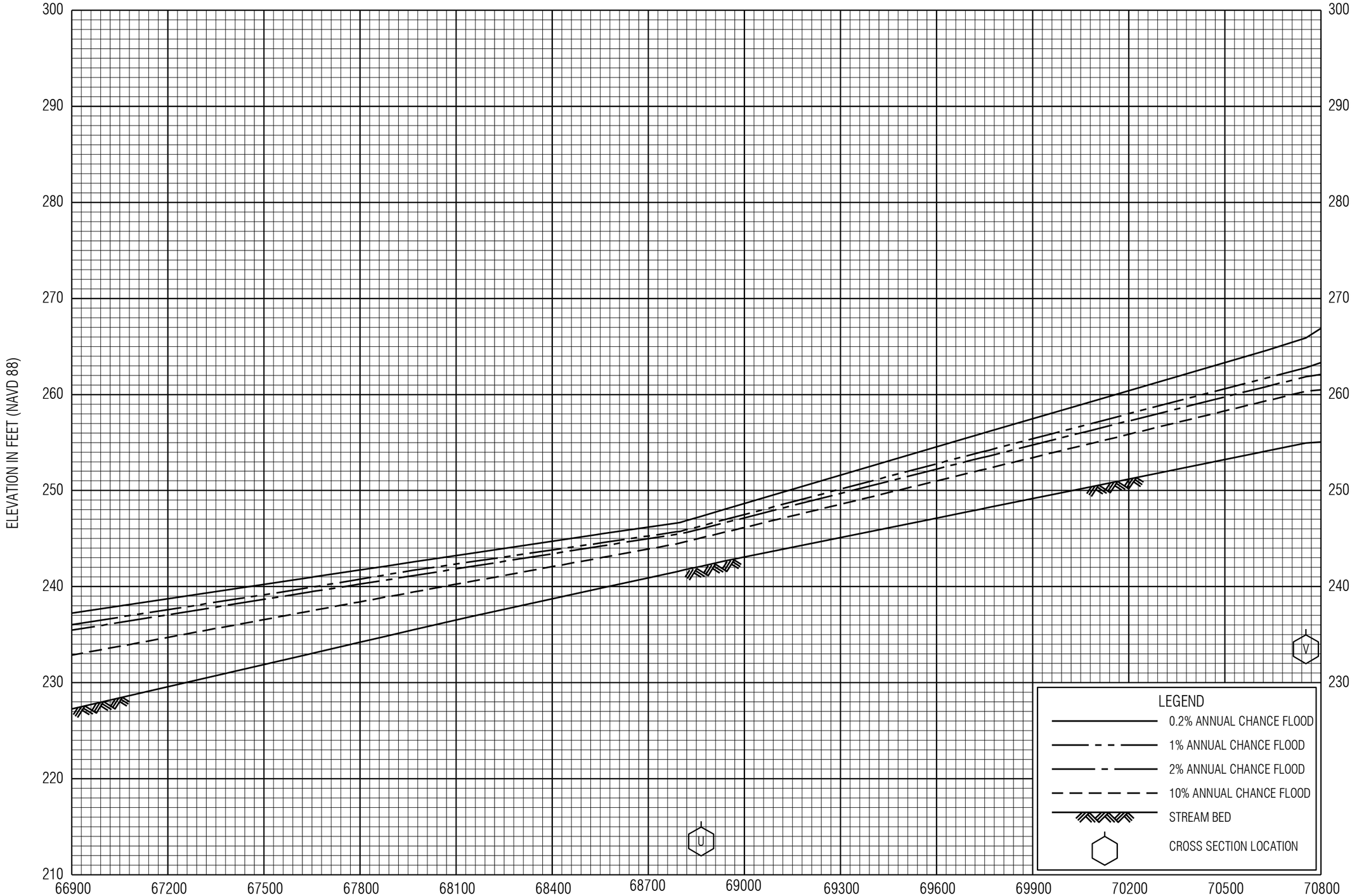
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

170P



FLOOD PROFILES

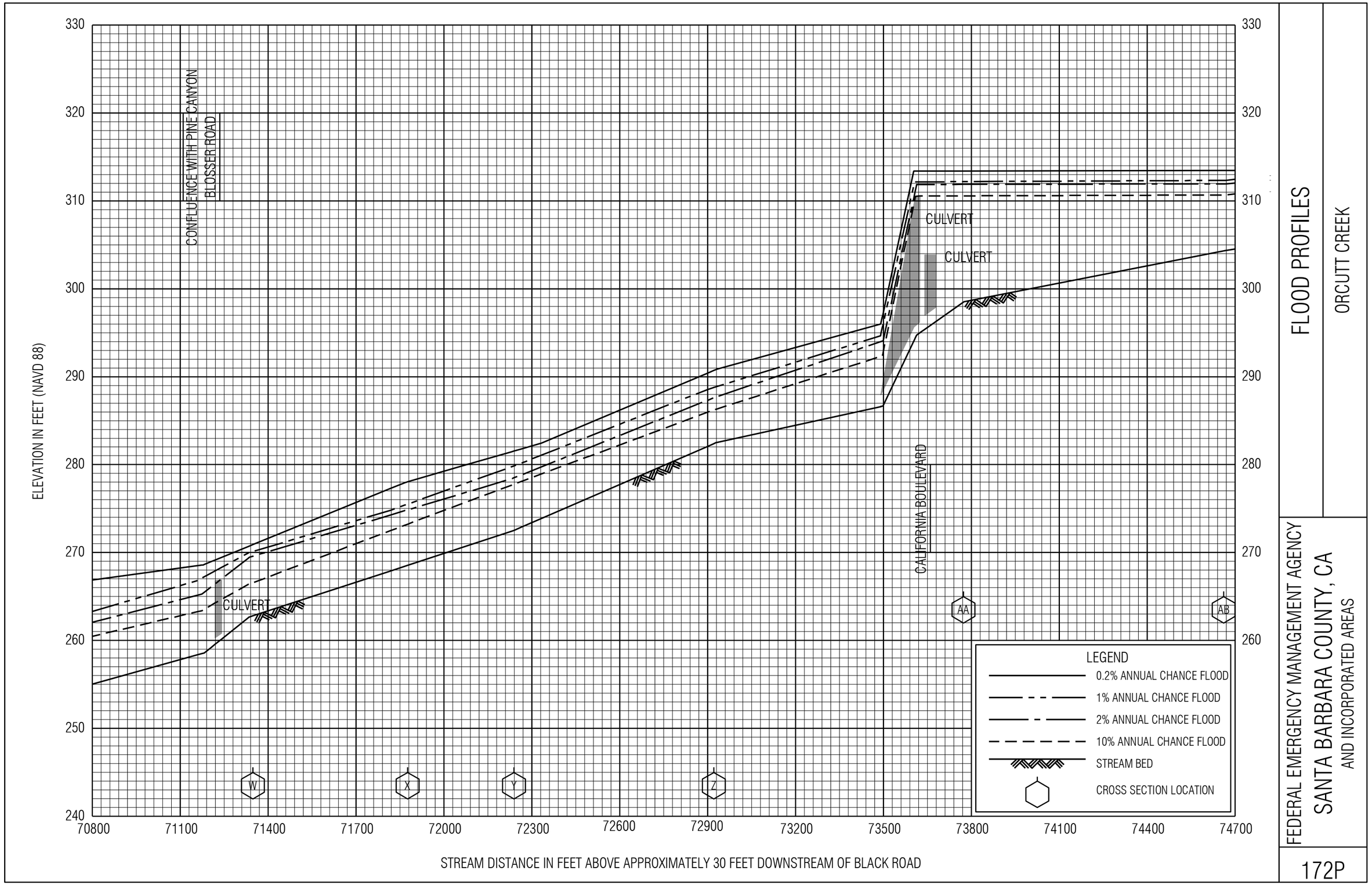
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

171P

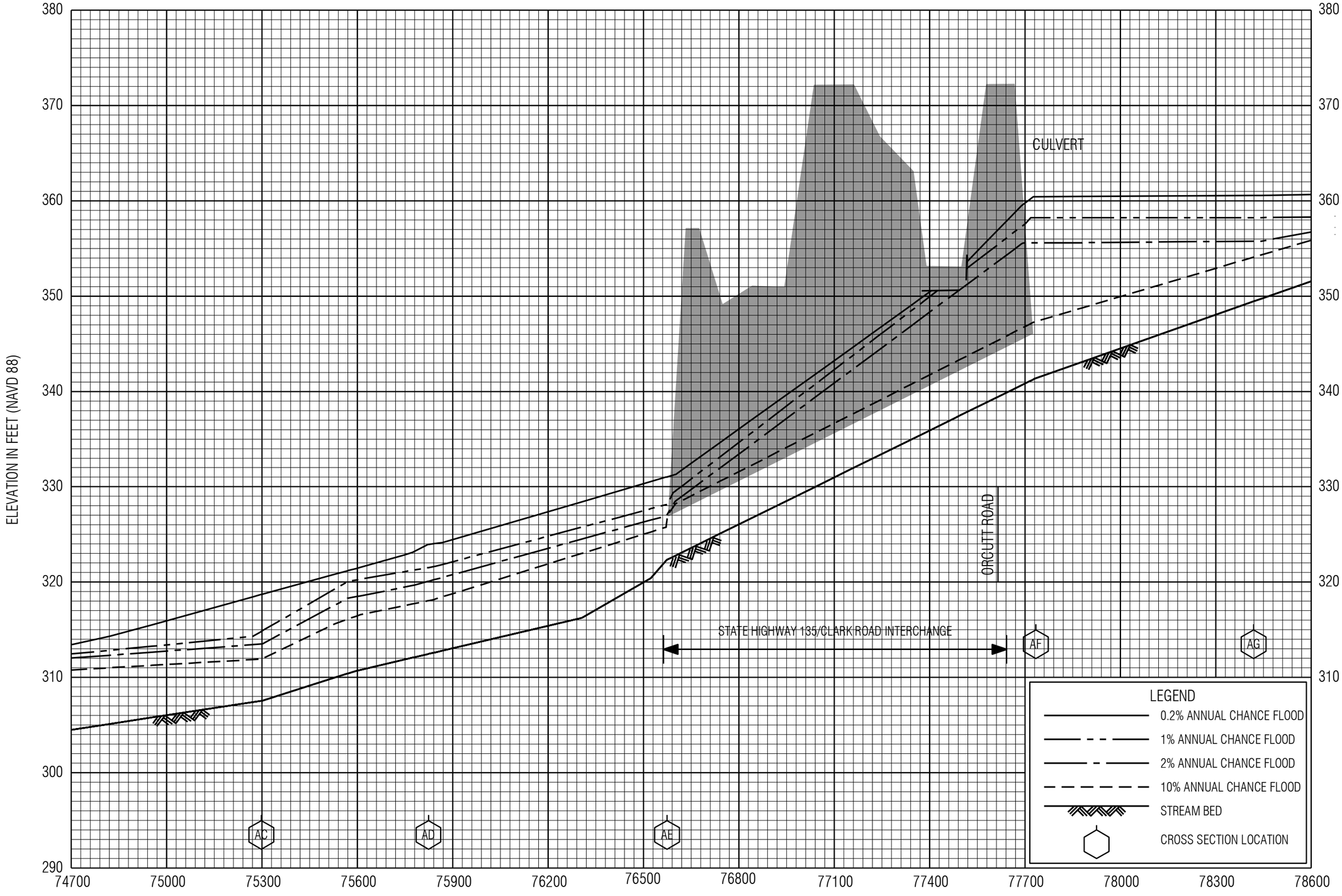


FLOOD PROFILES

ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

172P



FLOOD PROFILES

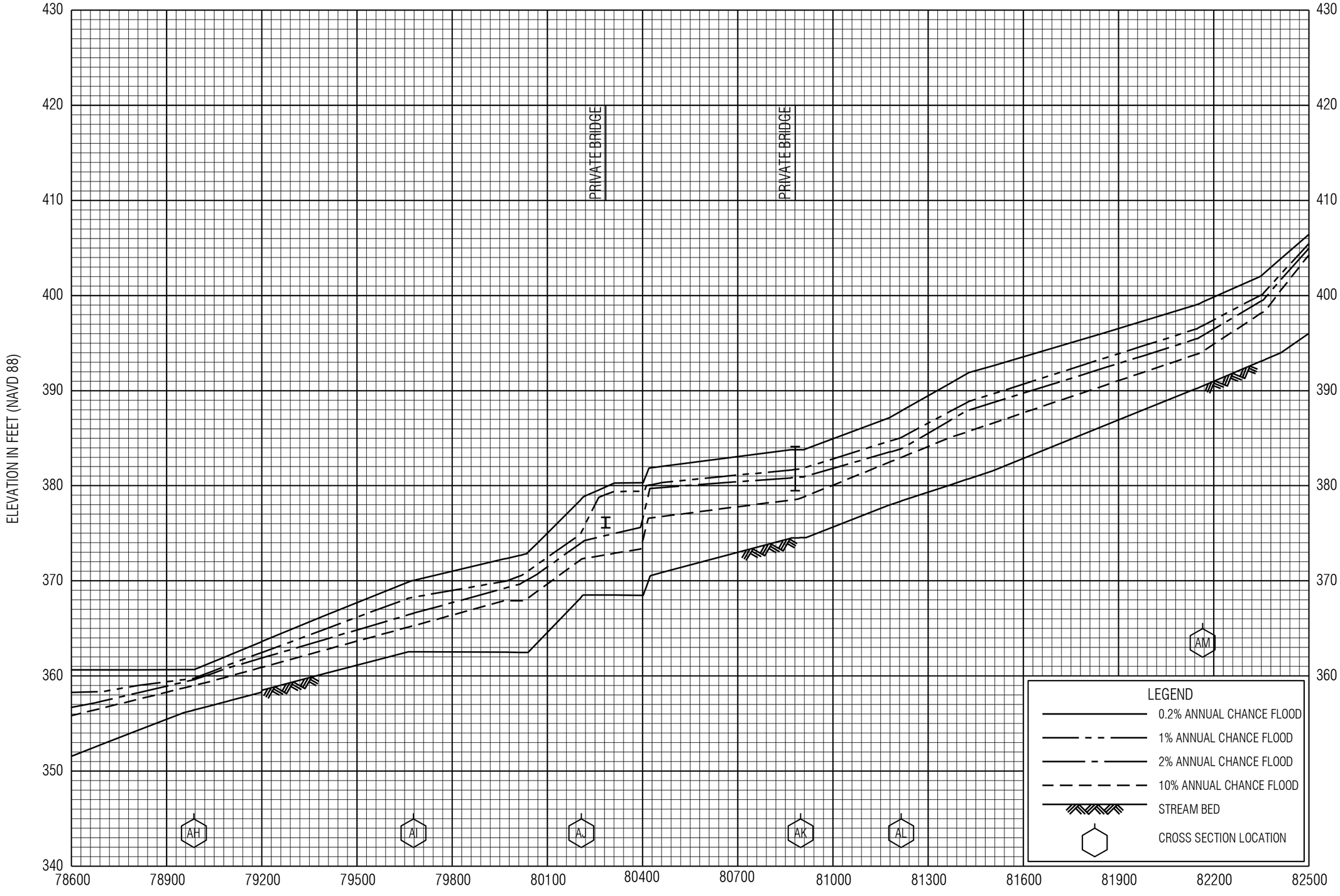
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

173P



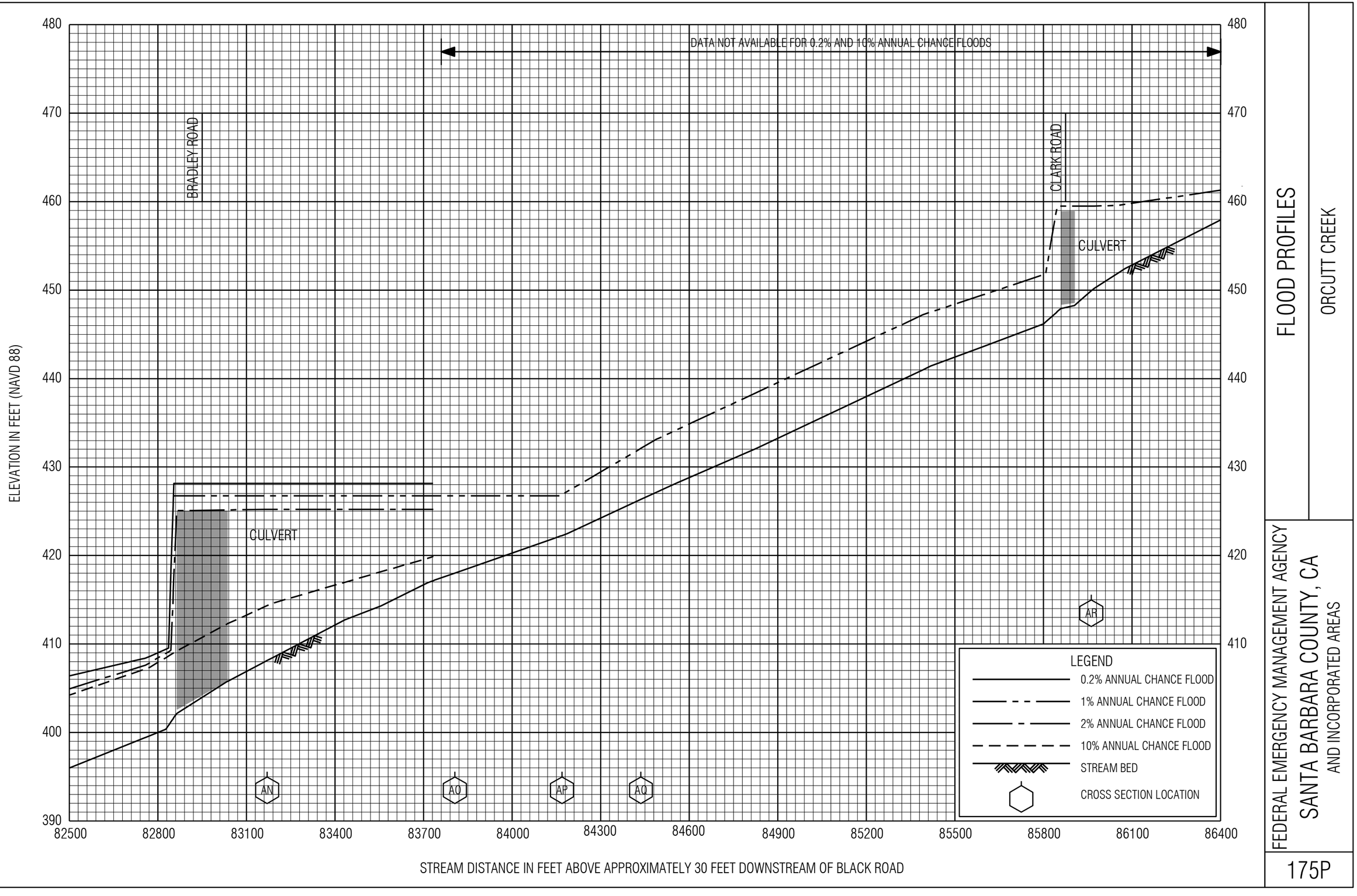
FLOOD PROFILES

ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

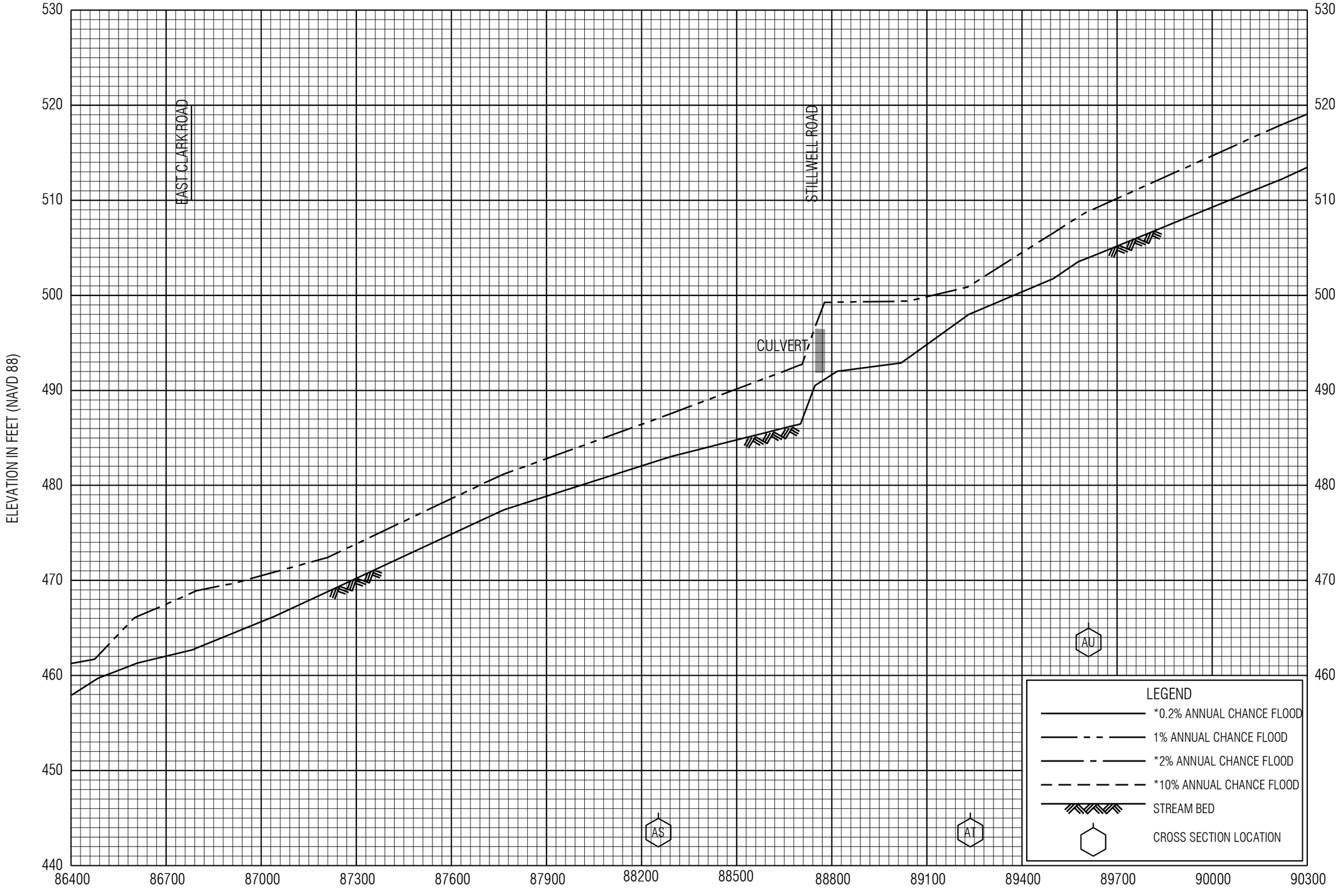


FLOOD PROFILES

ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

175P



FLOOD PROFILES

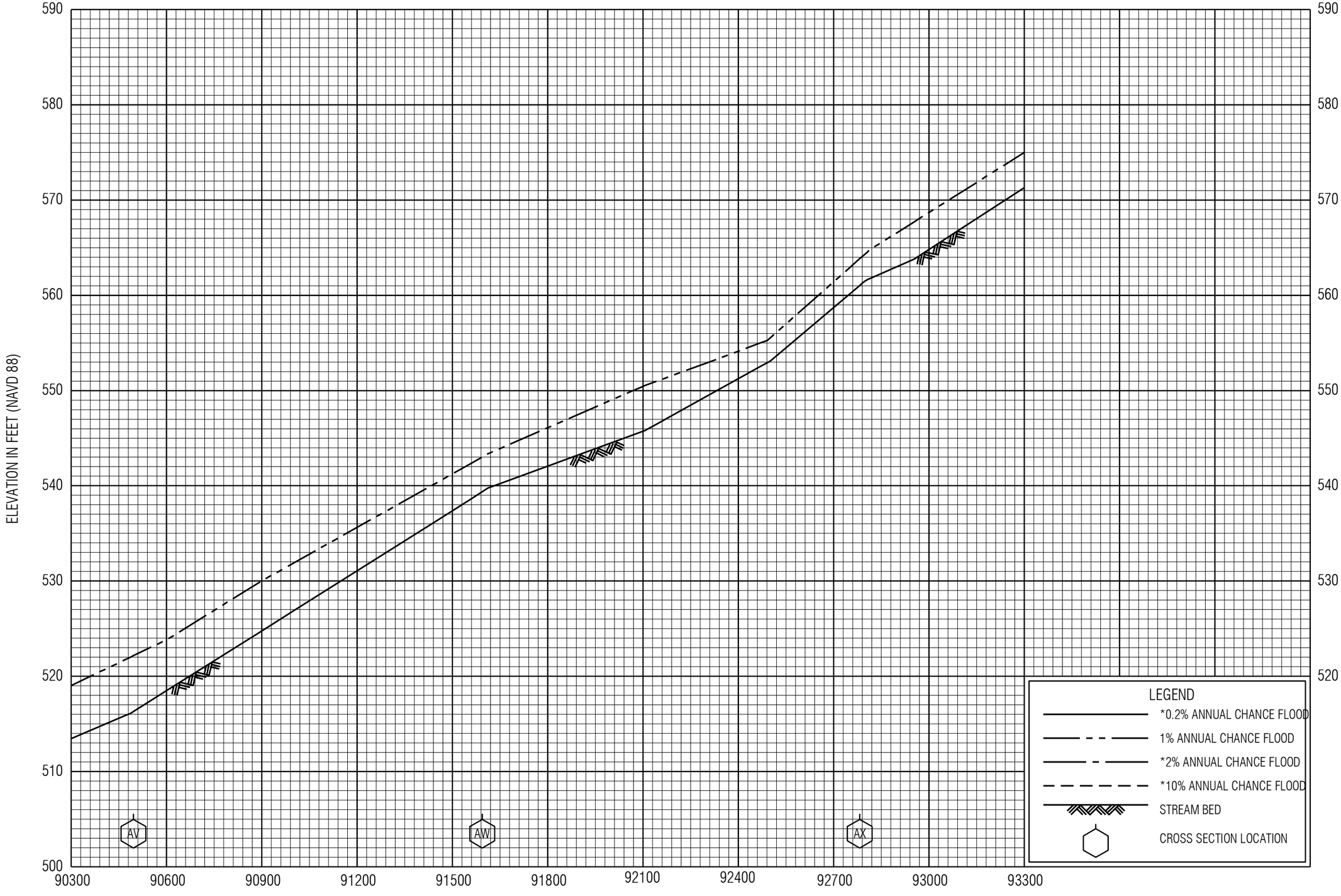
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

176P



FLOOD PROFILES

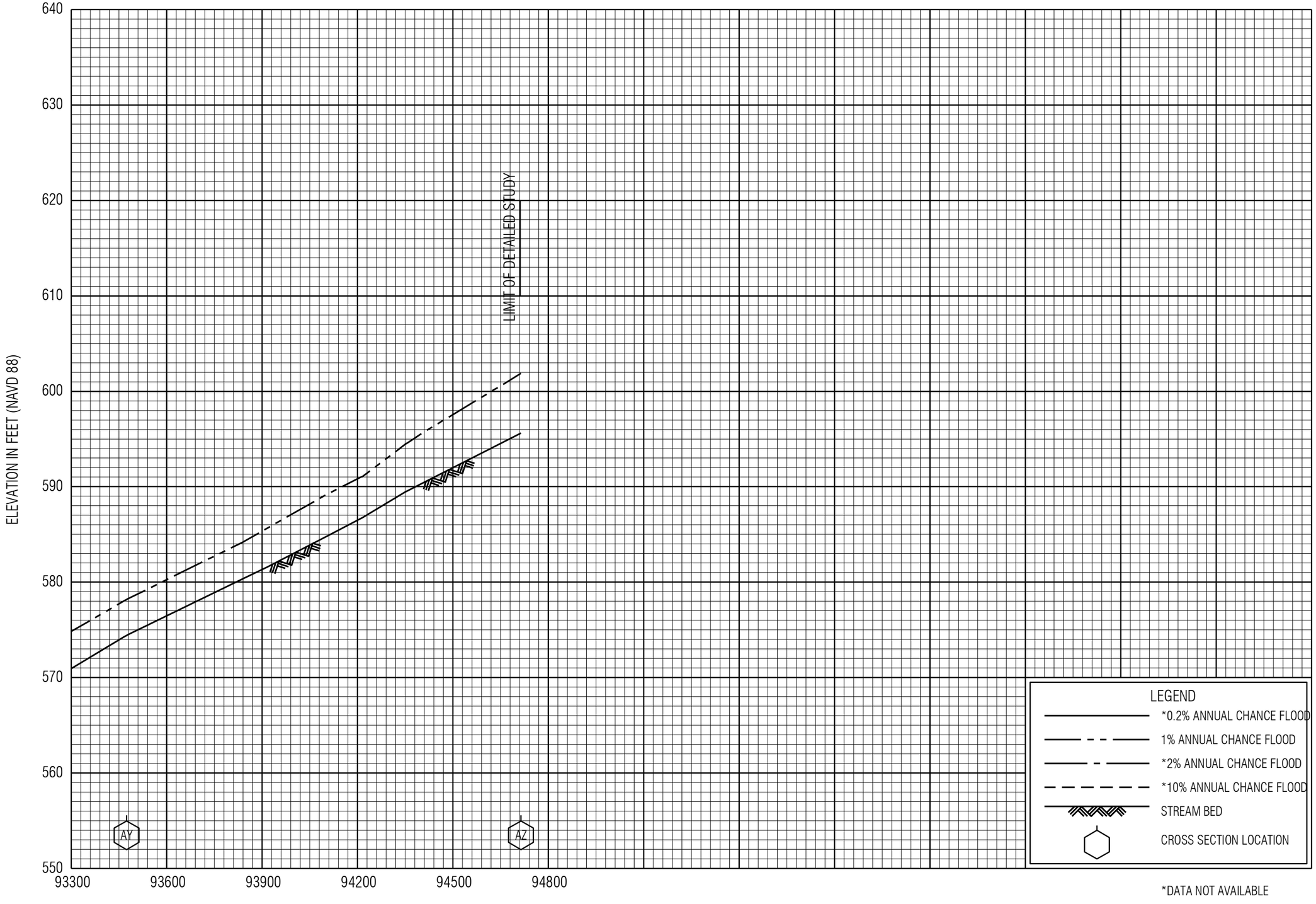
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

177P



FLOOD PROFILES

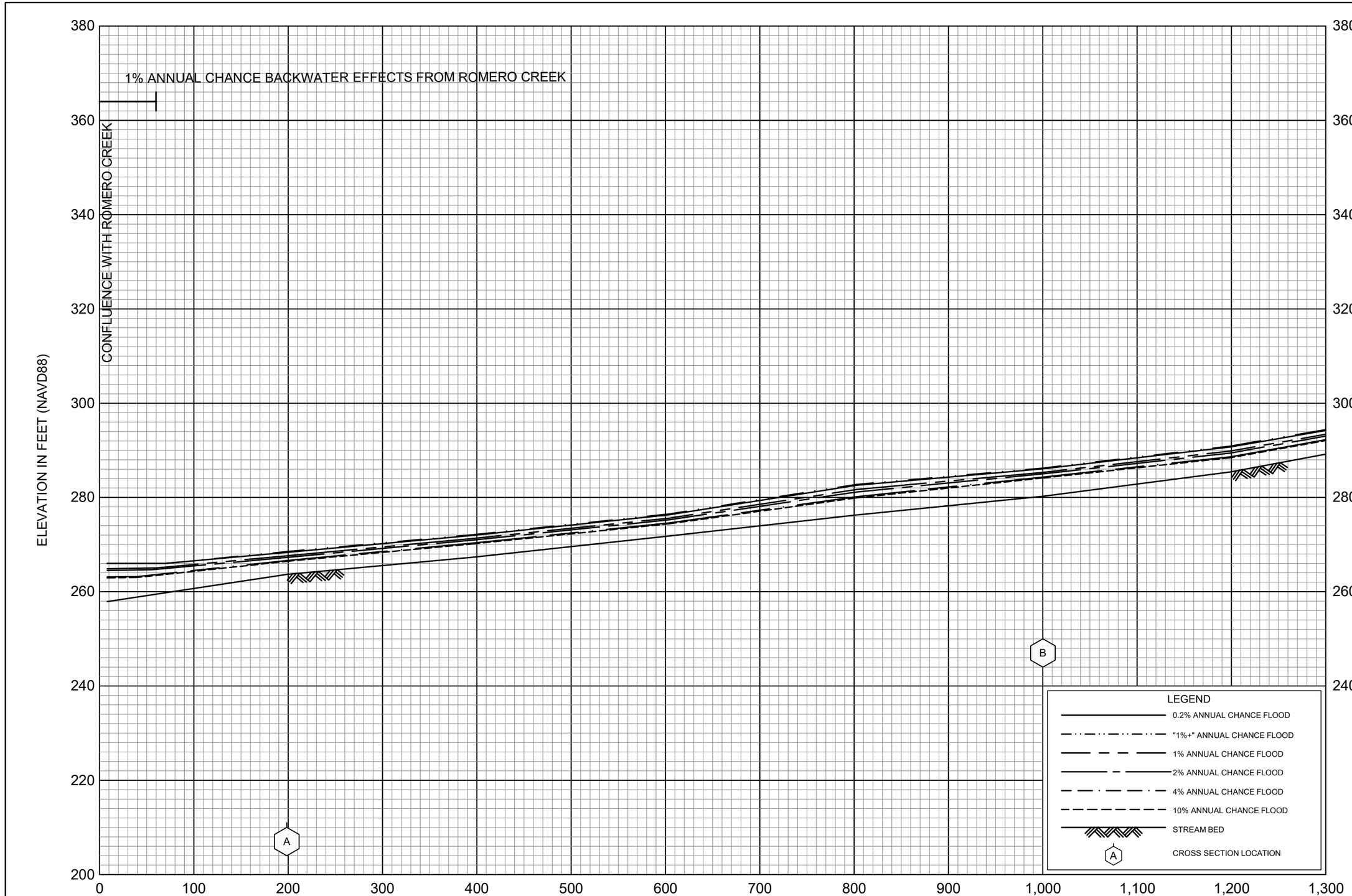
ORCUTT CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

178P



FLOOD PROFILES

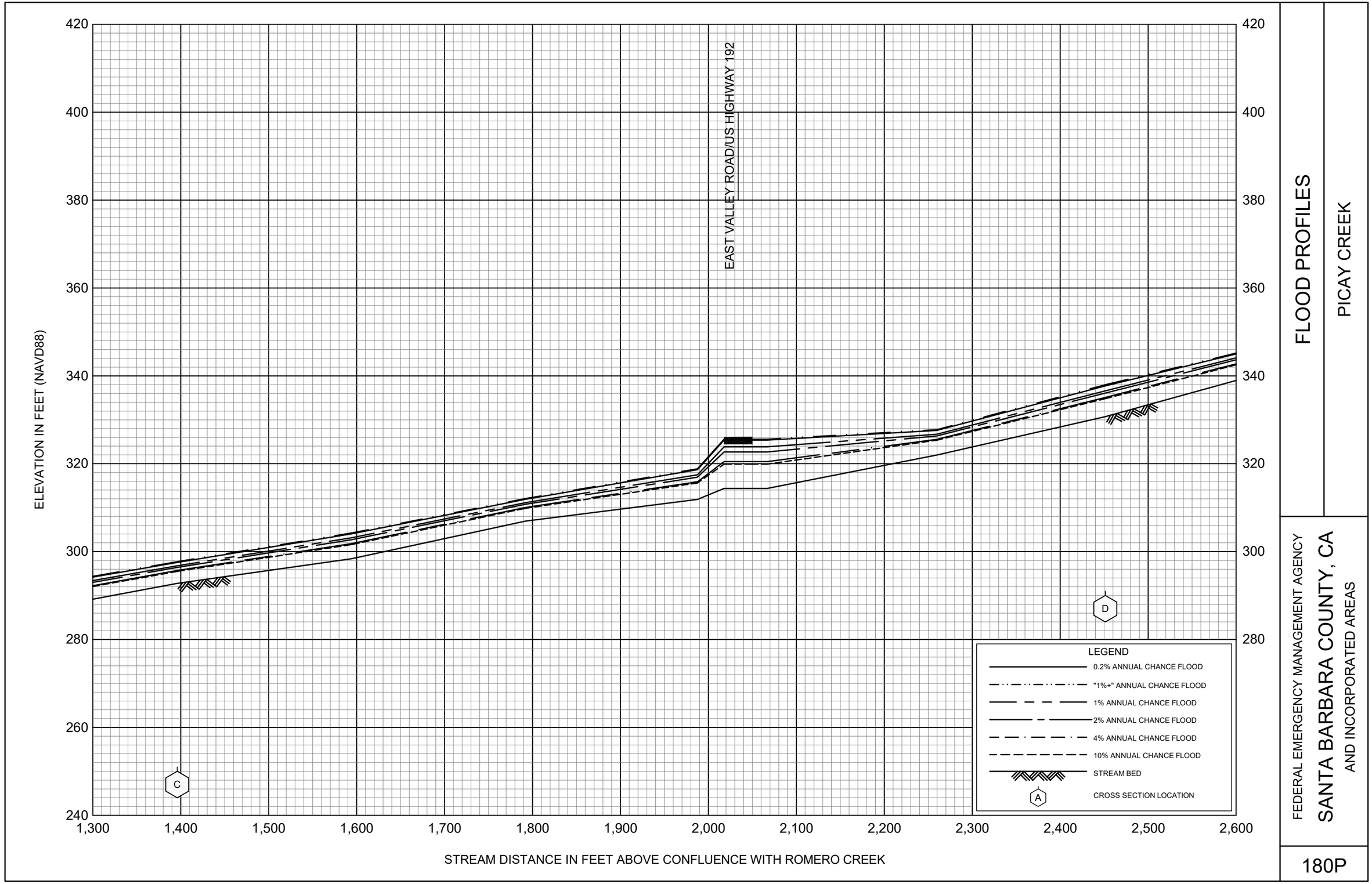
PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

179P



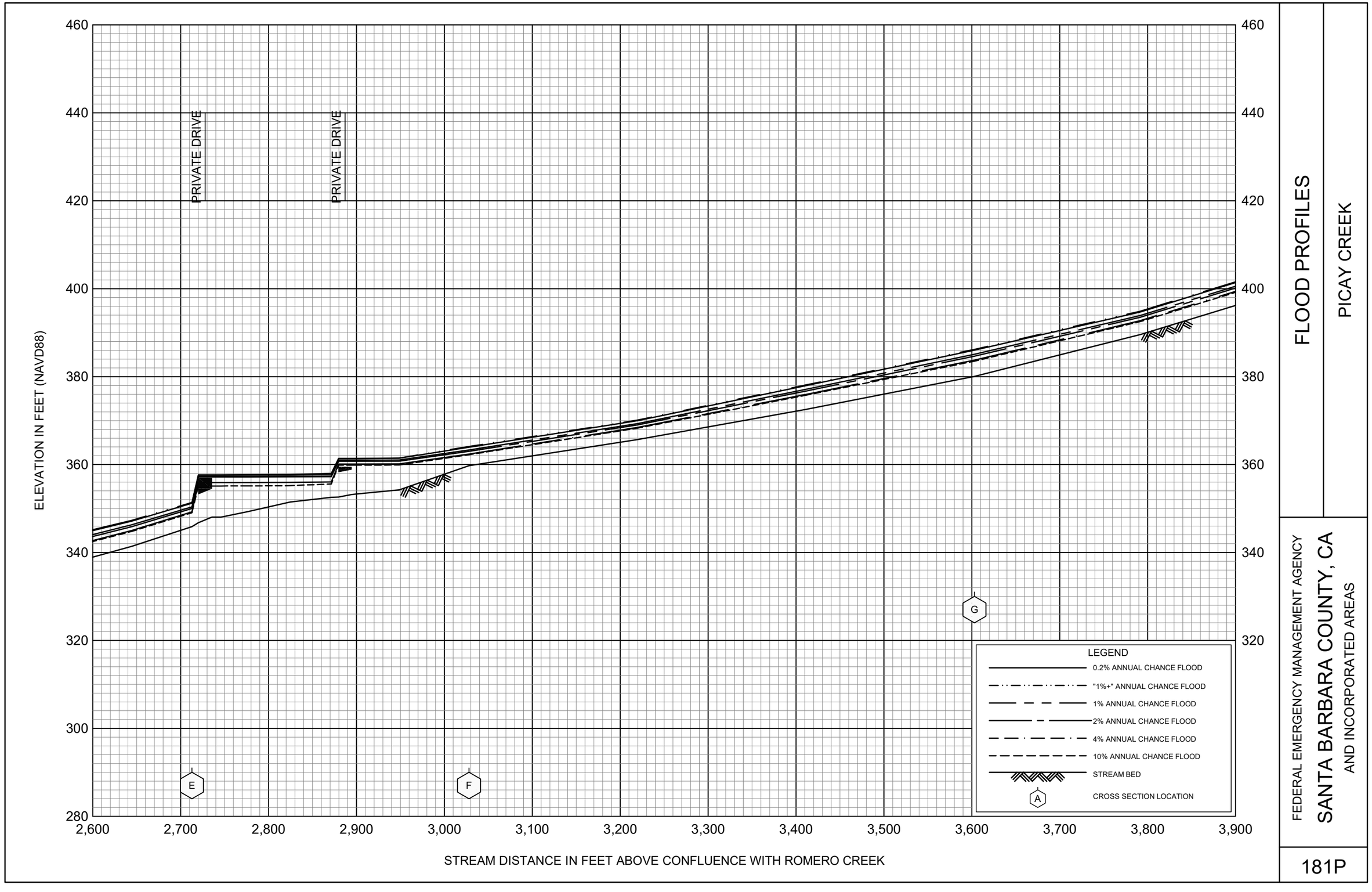
FLOOD PROFILES

PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

180P



FLOOD PROFILES

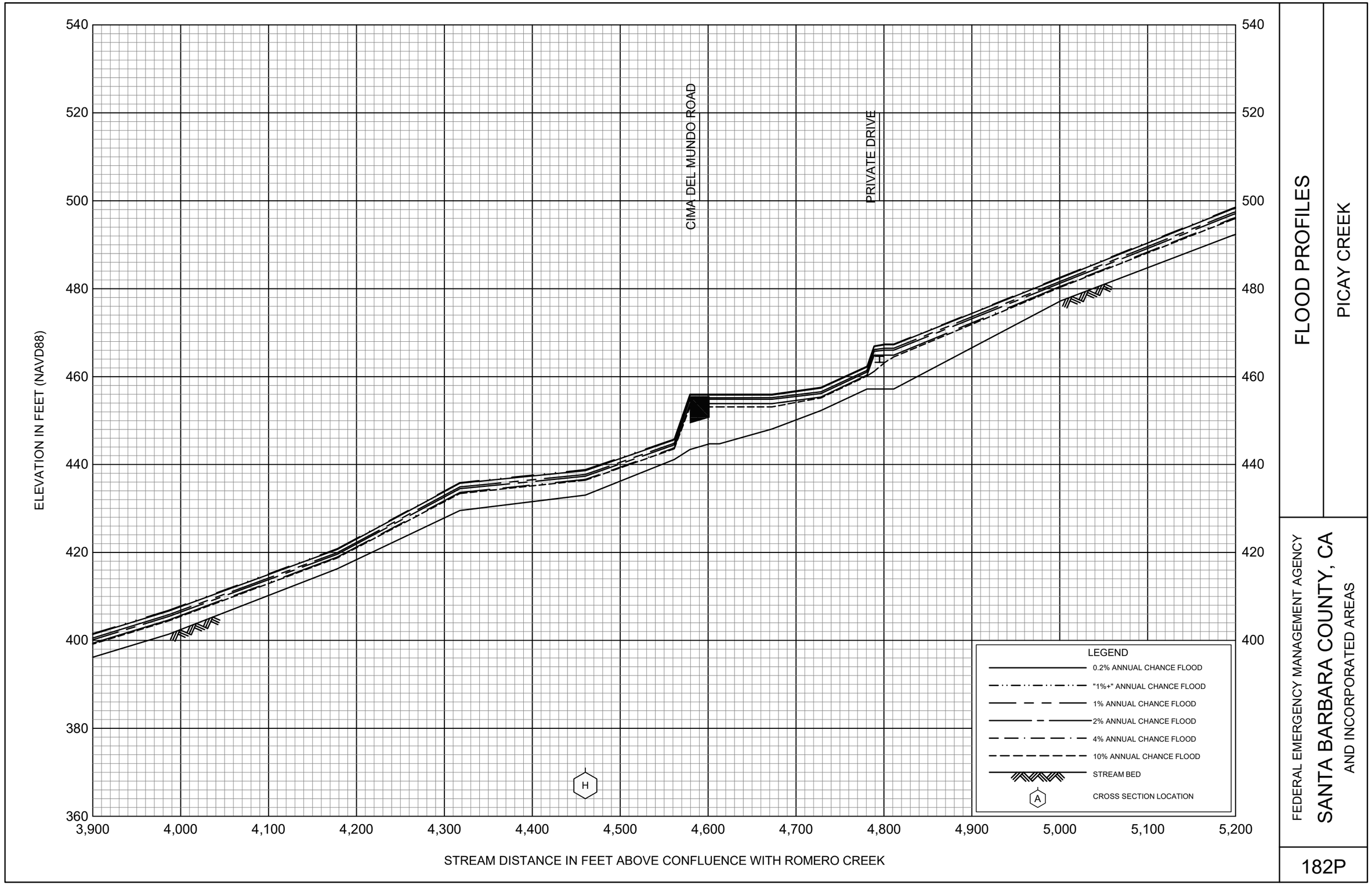
PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

181P



FLOOD PROFILES

PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

182P

ELEVATION IN FEET (NAVD88)

620
600
580
560
540
520
500
480
460
440

5,200 5,300 5,400 5,500 5,600 5,700 5,800 5,900 6,000 6,100 6,200 6,300 6,400 6,500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ROMERO CREEK

LIMIT OF FLOODWAY

LEGEND

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

I

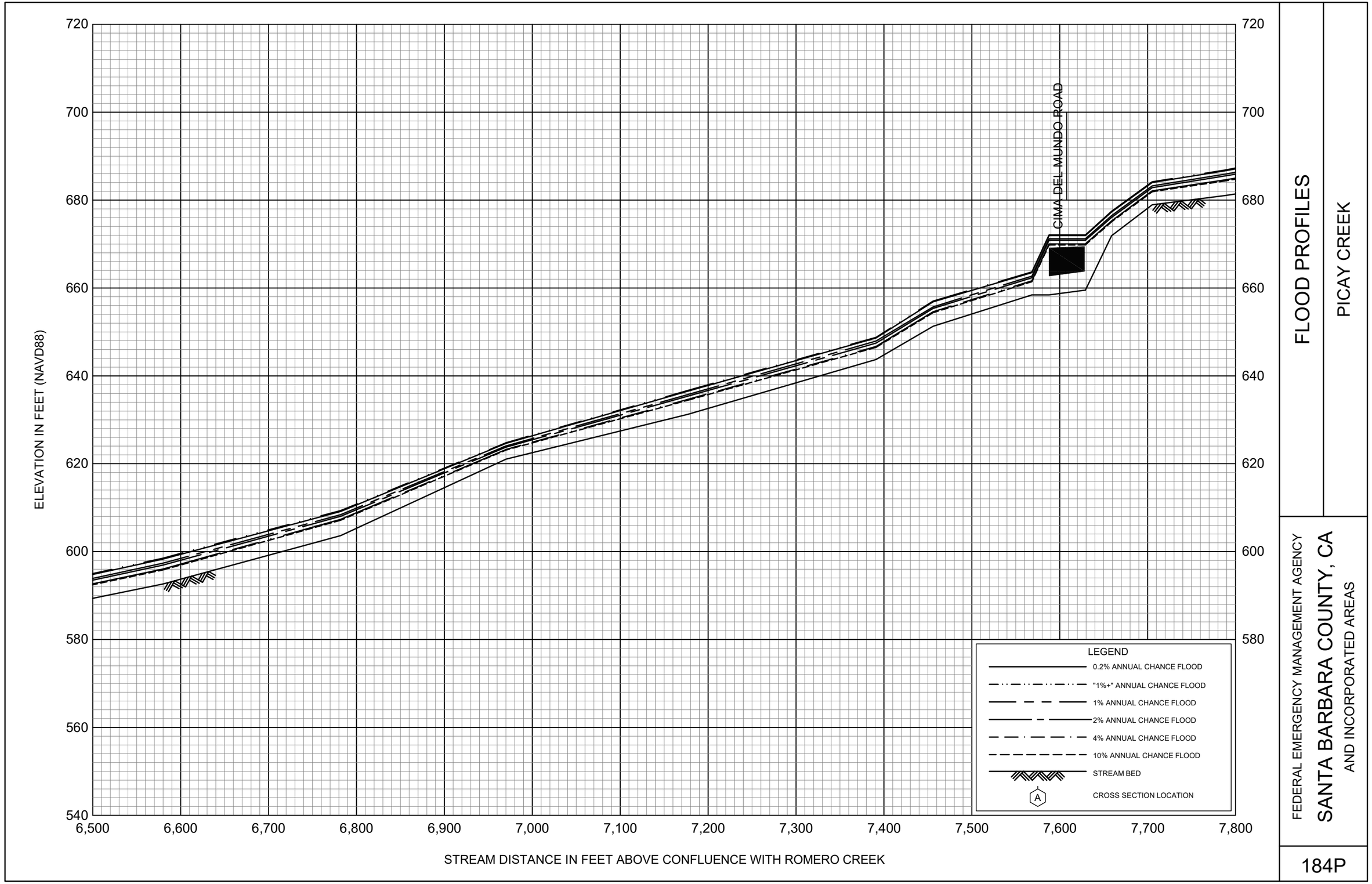
FLOOD PROFILES

PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

183P



FLOOD PROFILES

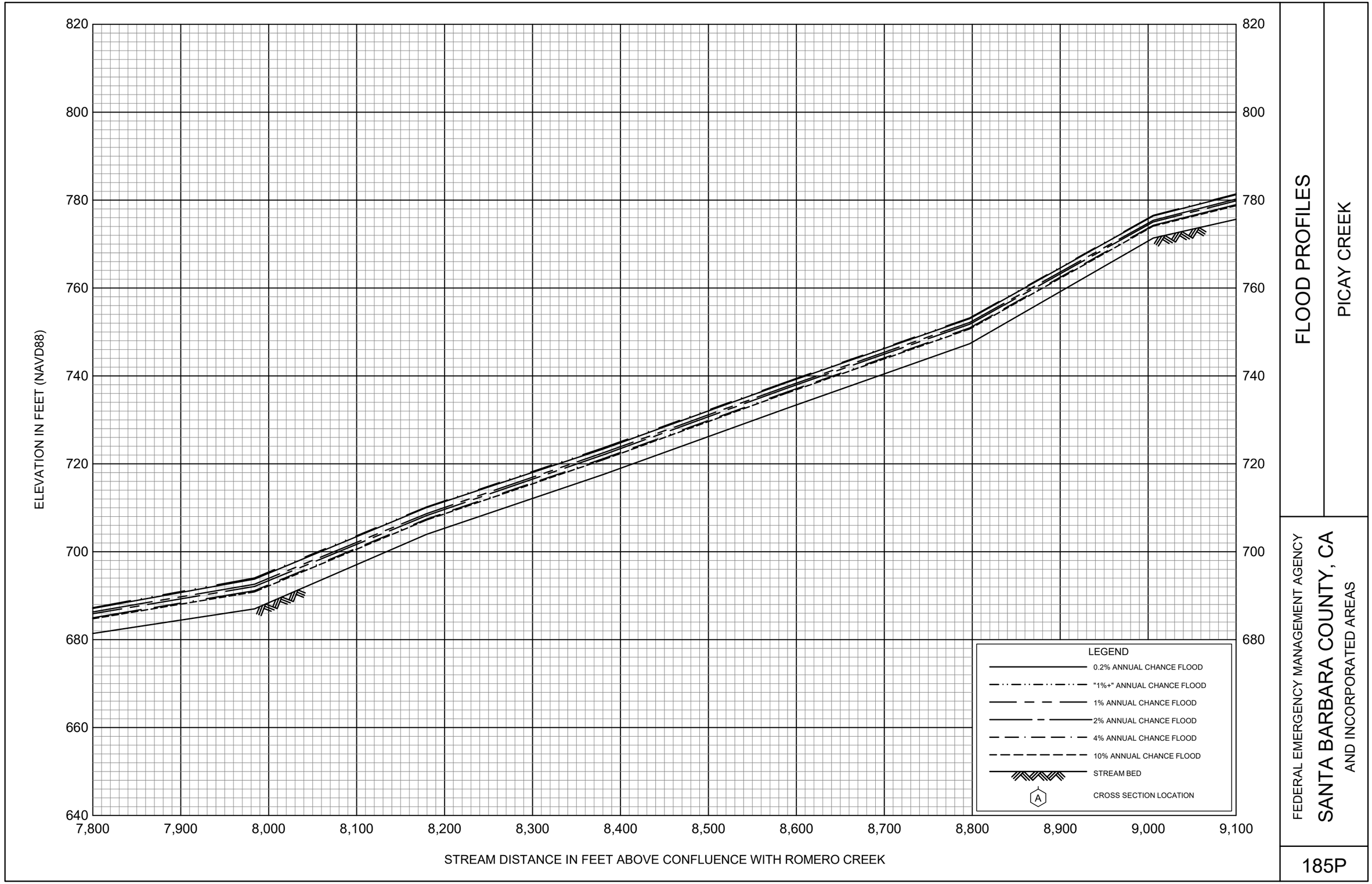
PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

184P



FLOOD PROFILES

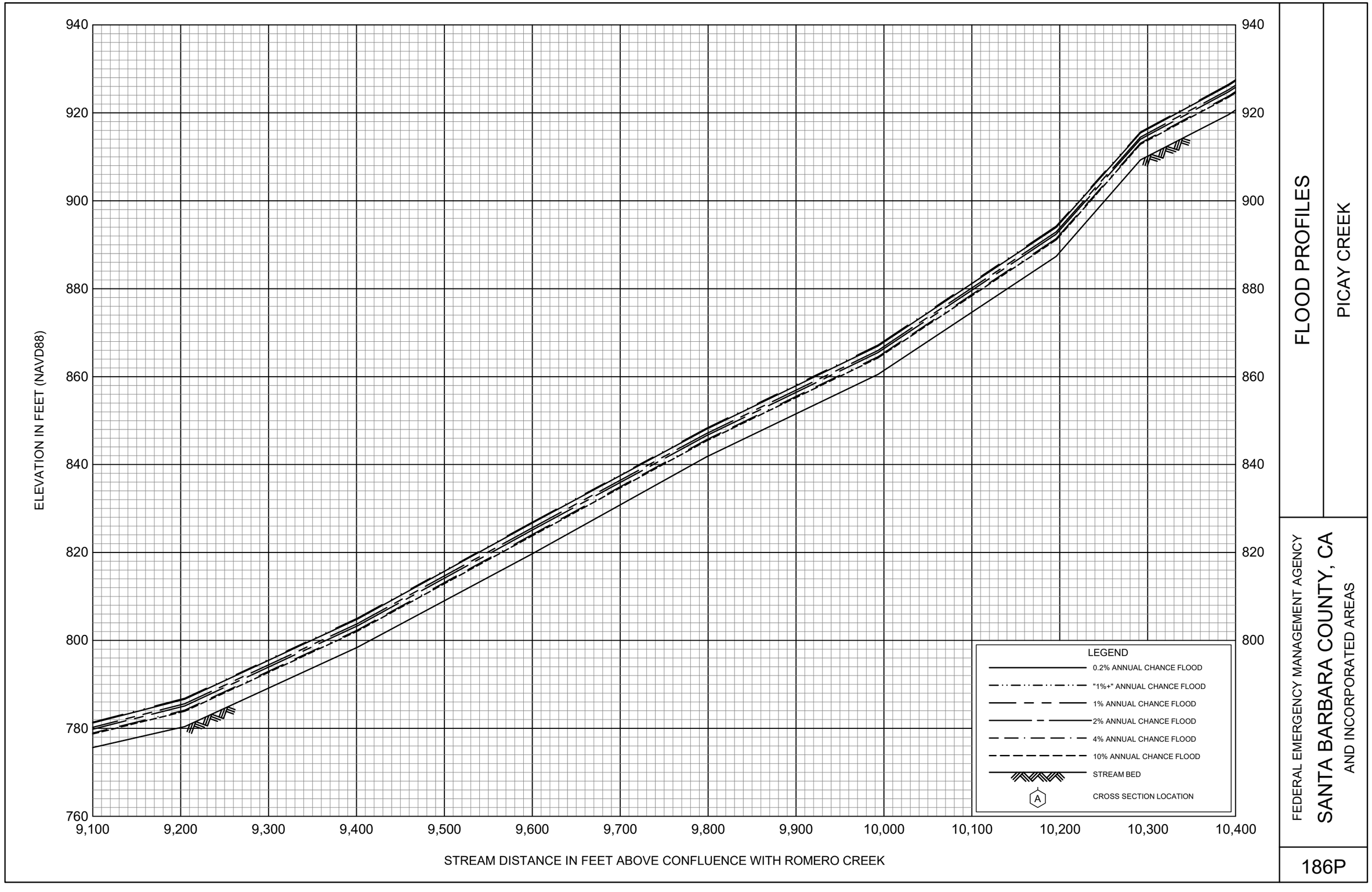
PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

185P



FLOOD PROFILES

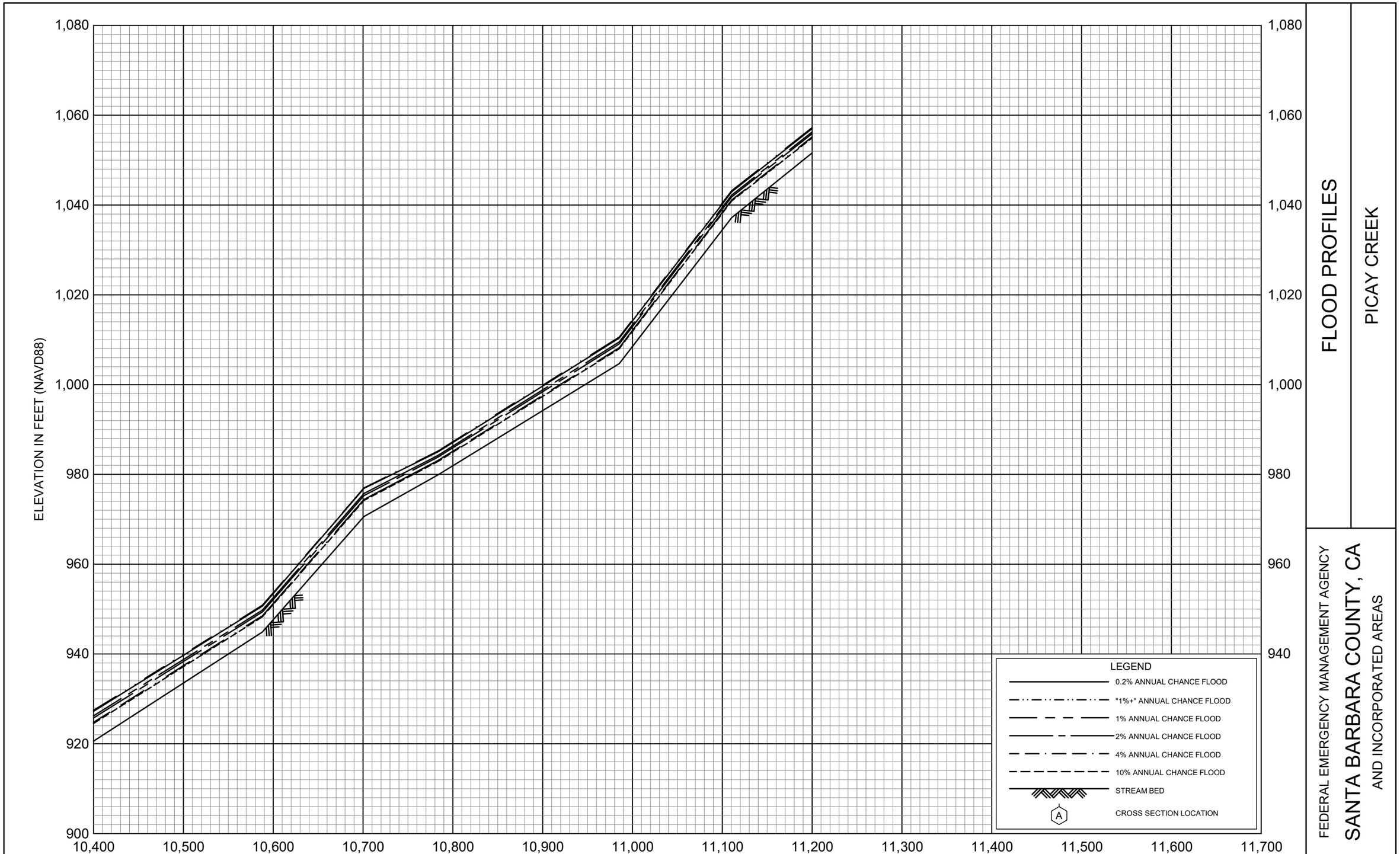
PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

186P



FLOOD PROFILES

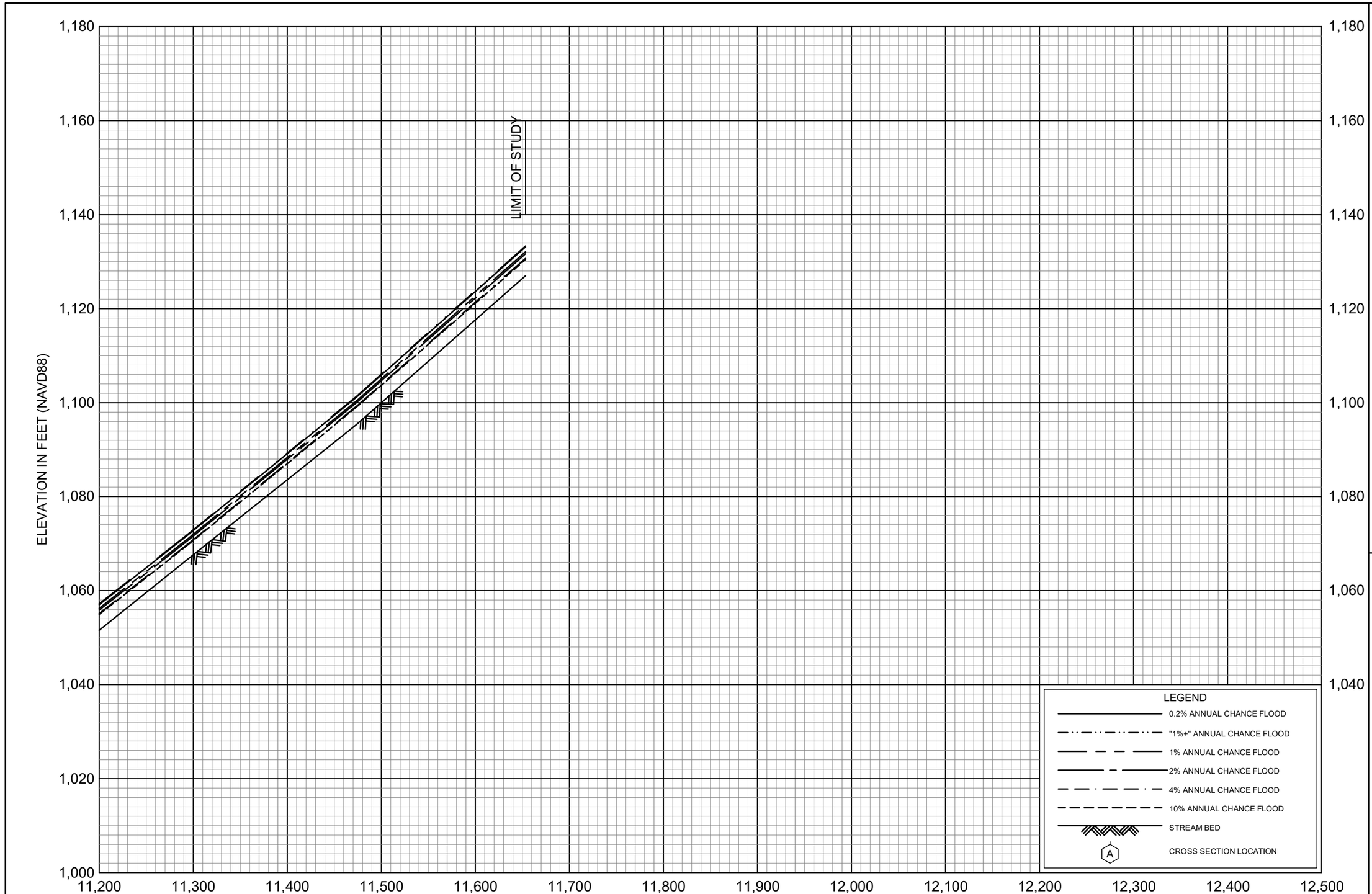
PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

187P



FLOOD PROFILES

PICAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

188P

WATER SURFACE PROFILE COMPUTED BY 2D MODEL

RINCON HILL ROAD

RINCON ROAD

ELEVATION IN FEET (NAVD88)

160
140
120
100
80
60
40
20
-20

2,500 3,000 3,500 4,000 4,500 5,000 5,500 6,000 6,500 7,000 7,500 8,000 8,500 9,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

G H I J

LEGEND

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

FLOOD PROFILES

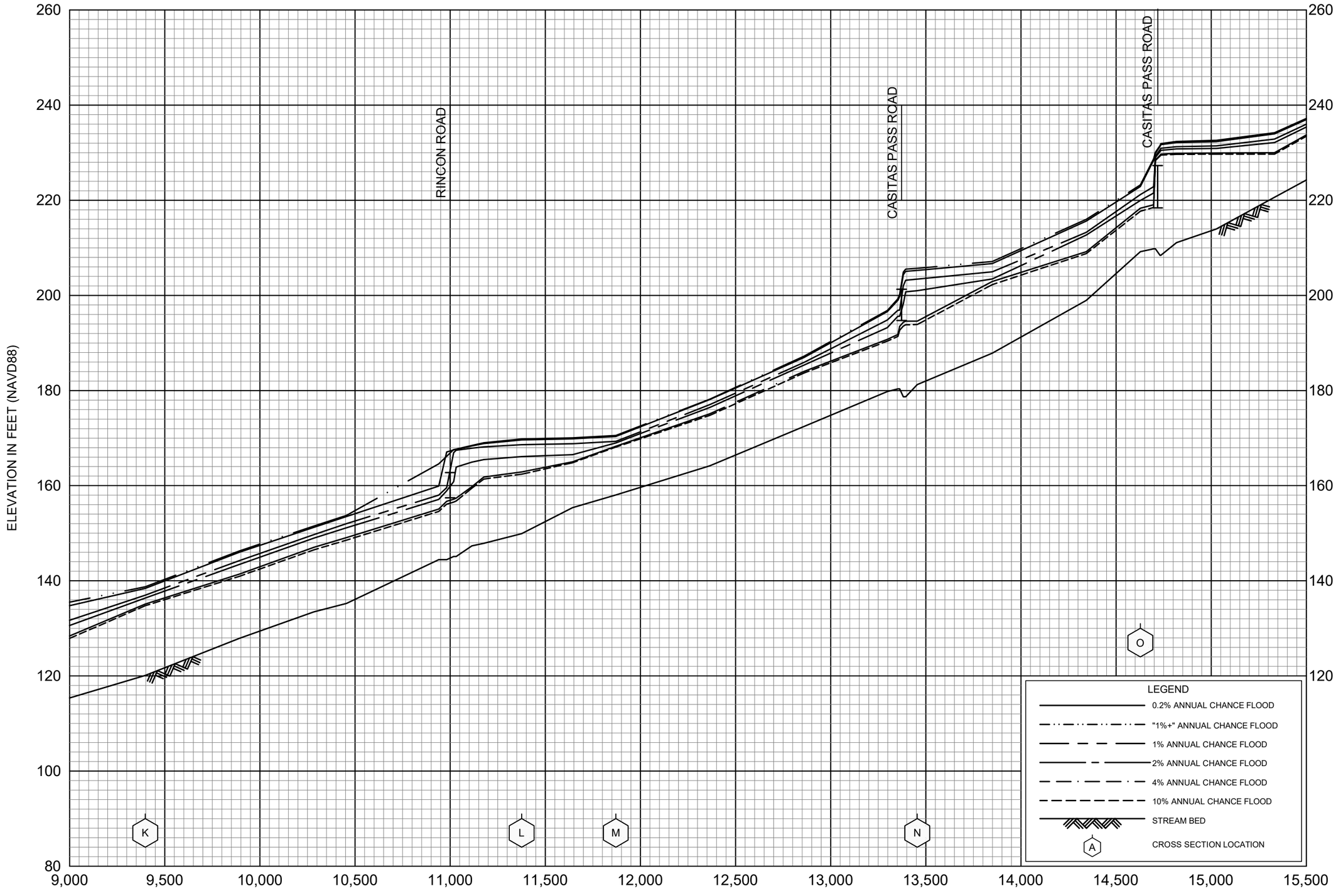
RINCON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

189P



FLOOD PROFILES

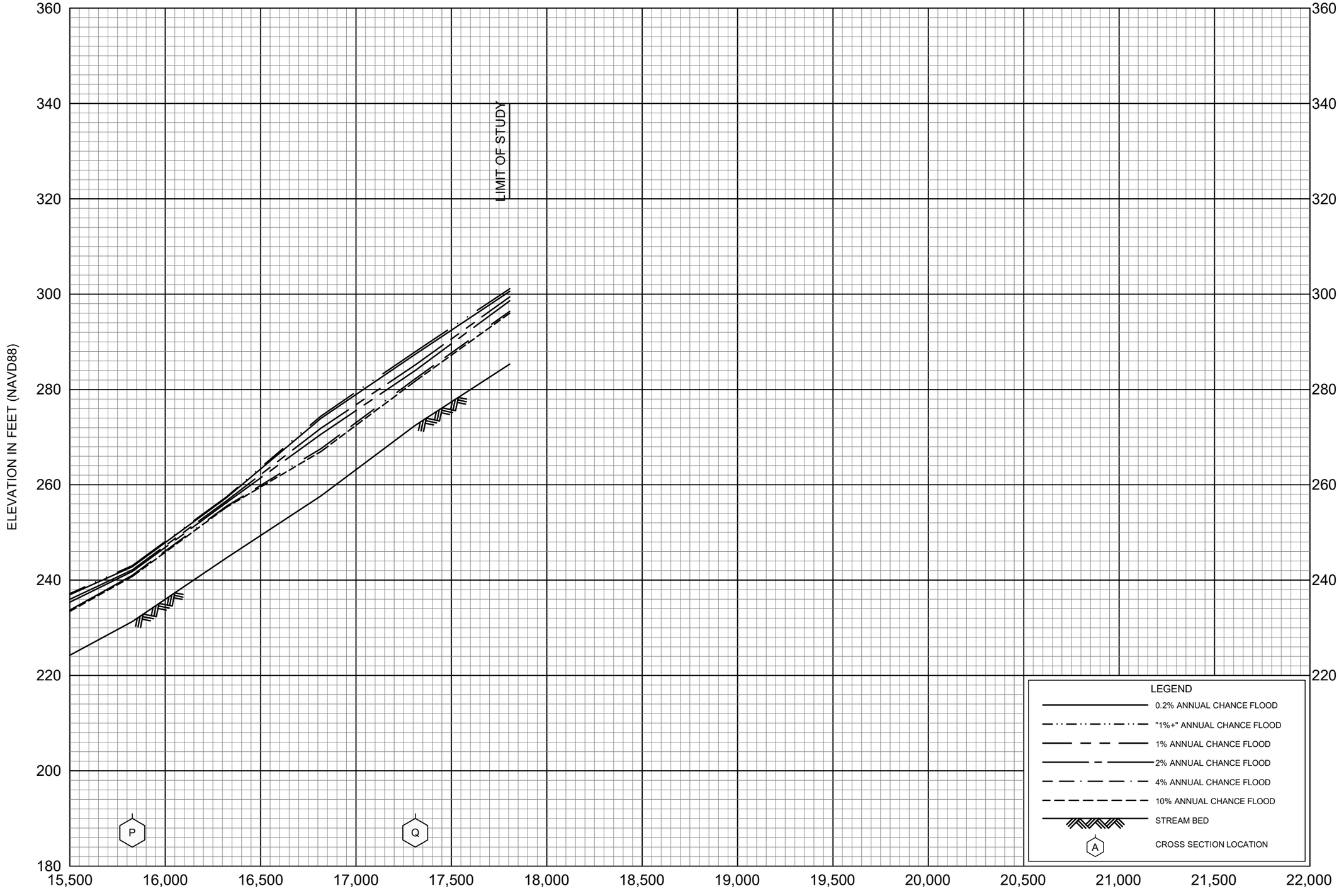
RINCON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

190P



FLOOD PROFILES

RINCON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

191P

ELEVATION IN FEET (NAVD88)

WATER SURFACE PROFILE COMPUTED BY 2D MODEL

160
140
120
100
80
60
40
20
-20

1,000 1,200 1,400 1,600 1,800 2,000 2,200 2,400 2,600 2,800 3,000 3,200 3,400 3,600

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

D E F G

LEGEND

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

FLOOD PROFILES

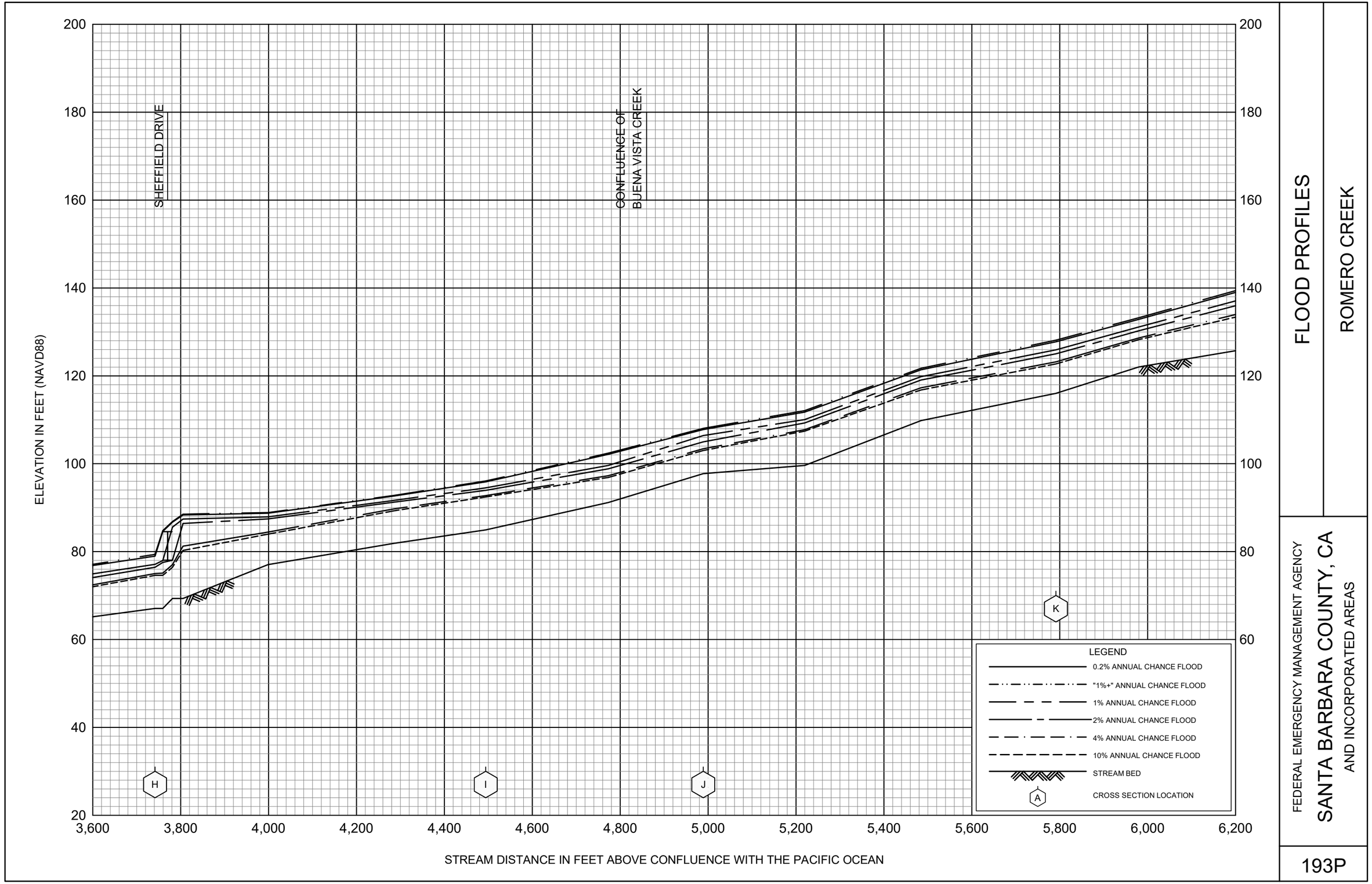
ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

192P



FLOOD PROFILES

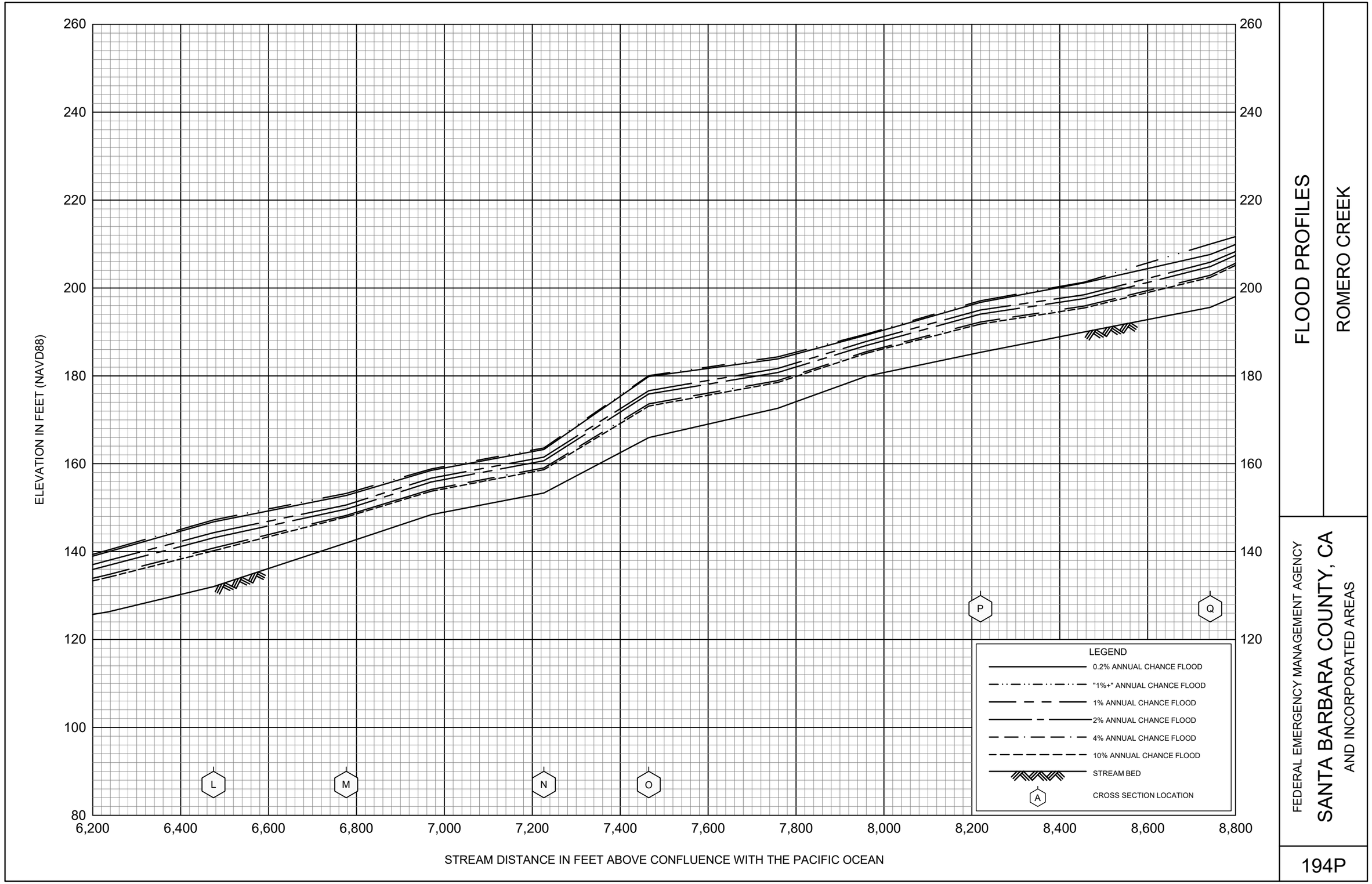
ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

193P



FLOOD PROFILES

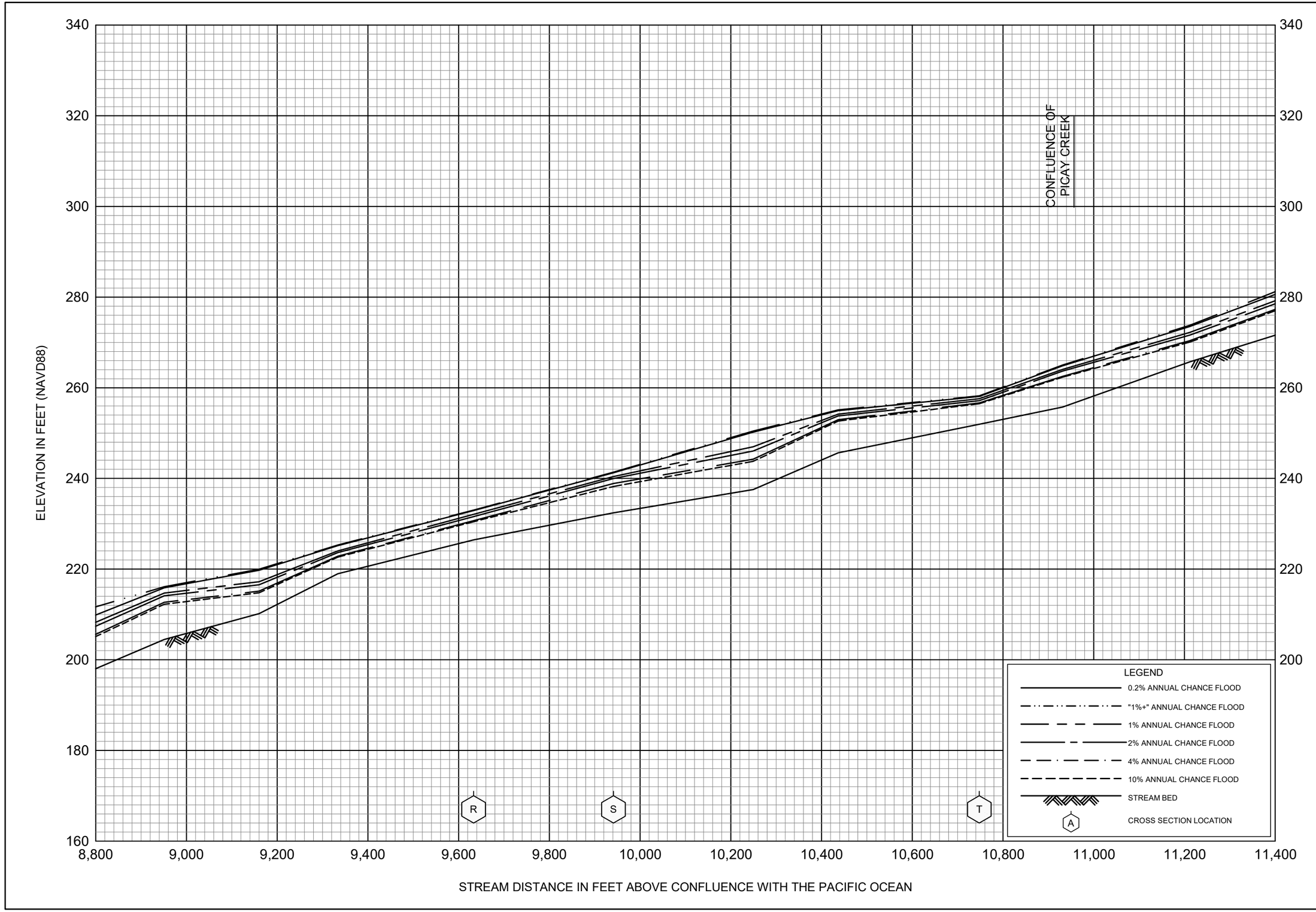
ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

194P



FLOOD PROFILES

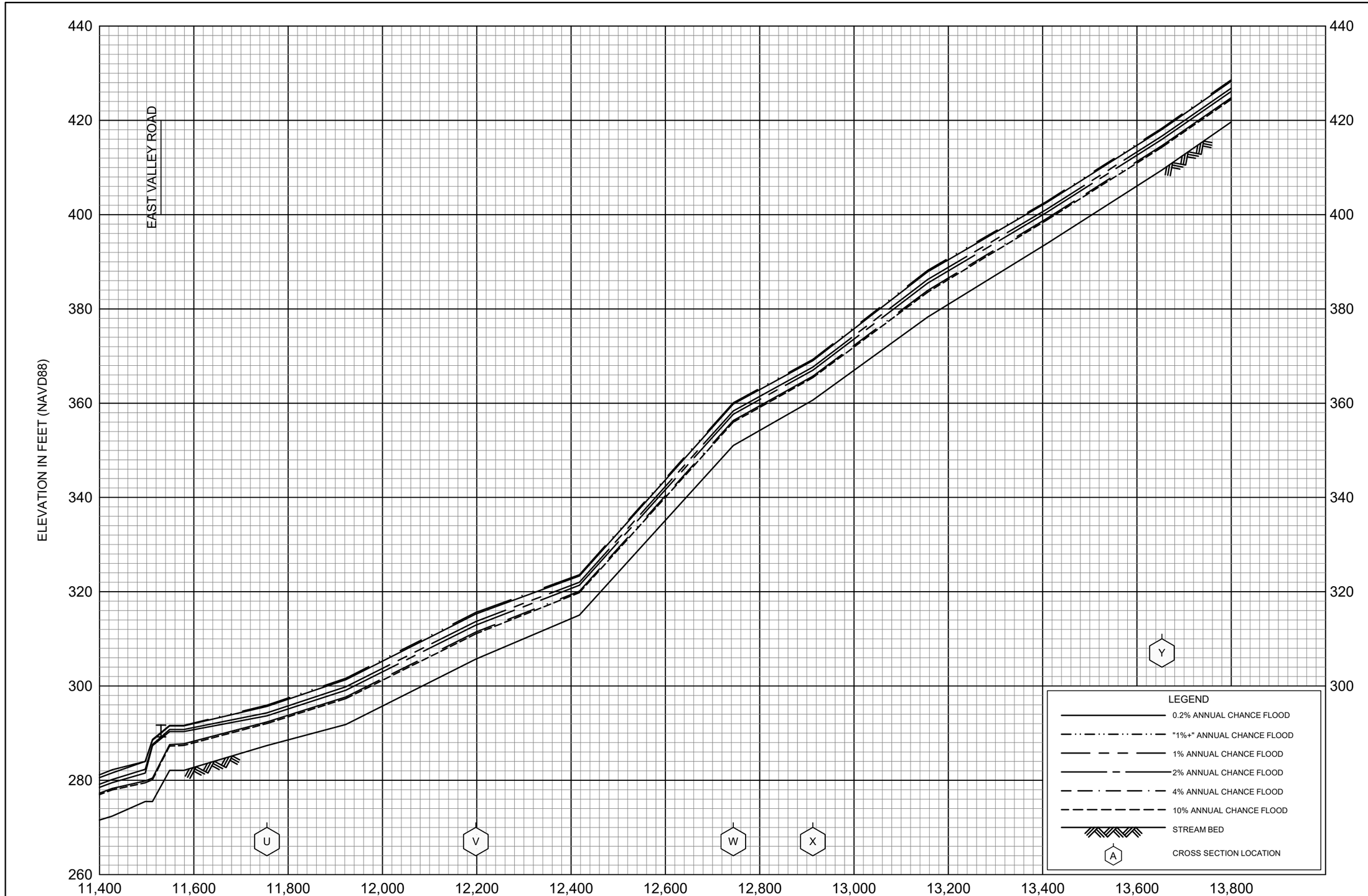
ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

195P



FLOOD PROFILES

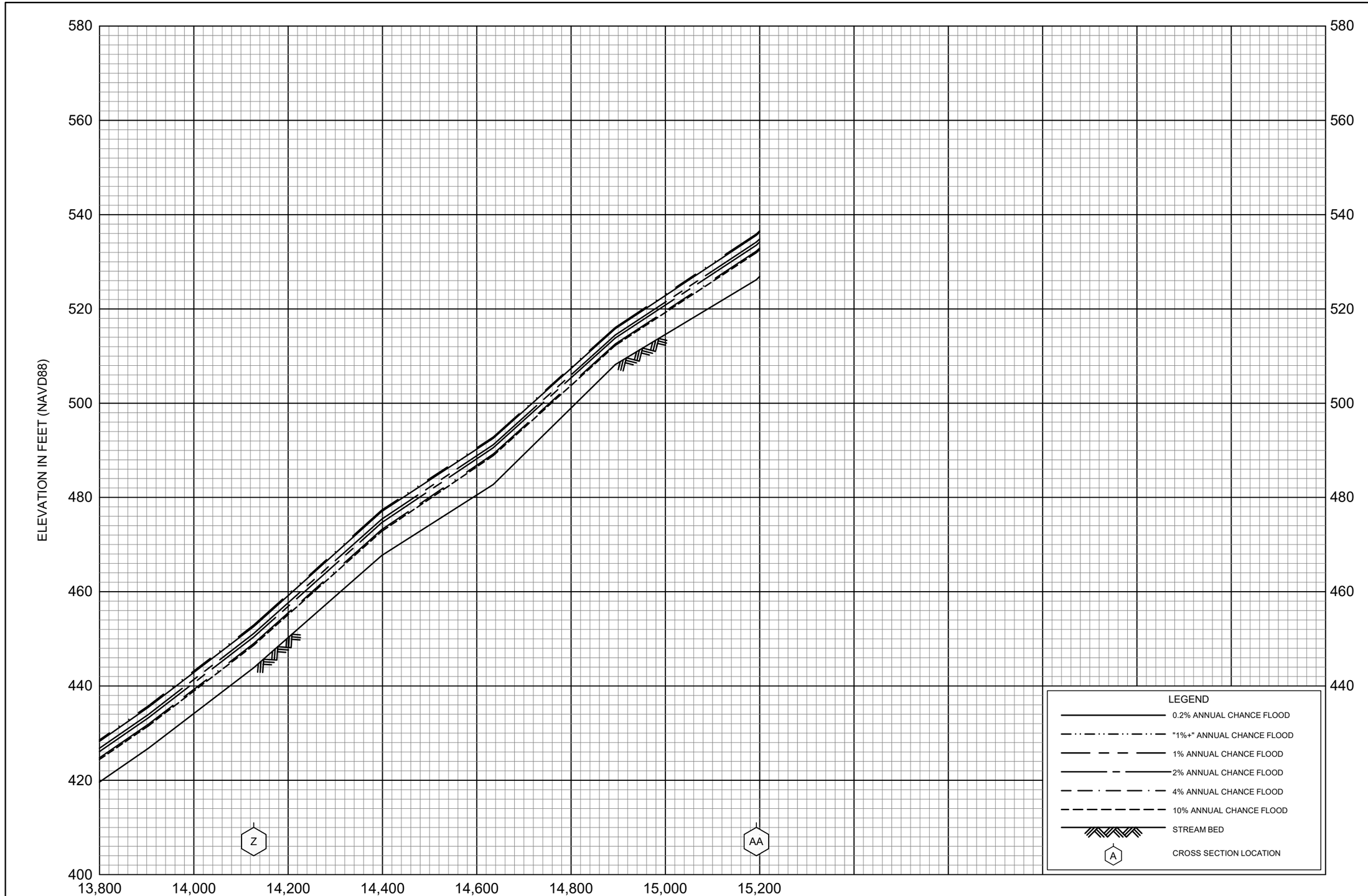
ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

196P



FLOOD PROFILES

ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

197P

ELEVATION IN FEET (NAVD88)

680
660
640
620
600
580
560
540
520
500

LIMIT OF STUDY

15,200 15,400 15,600 15,800 16,000 16,200 16,400 16,600 16,800 17,000 17,200 17,400 17,600 17,800

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

LEGEND

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

FLOOD PROFILES

ROMERO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

198P

ELEVATION IN FEET (NAVD 88)

630
620
610
600
590
580
570
560
550
540

LIMIT OF DETAILED STUDY
/LIMIT OF FLOODWAY

ST JOSEPH'S STREET

AUGUSTA STREET

US HIGHWAY 101

PRICE RANCH ROAD

CULVERT

CULVERT

LIMIT OF DETAILED STUDY

I

A B C D E F G H I J K L M

116400 117400 118400 119400 120400 121400 122400 123400

STREAM DISTANCE IN FEET ABOVE STATE HIGHWAY 135

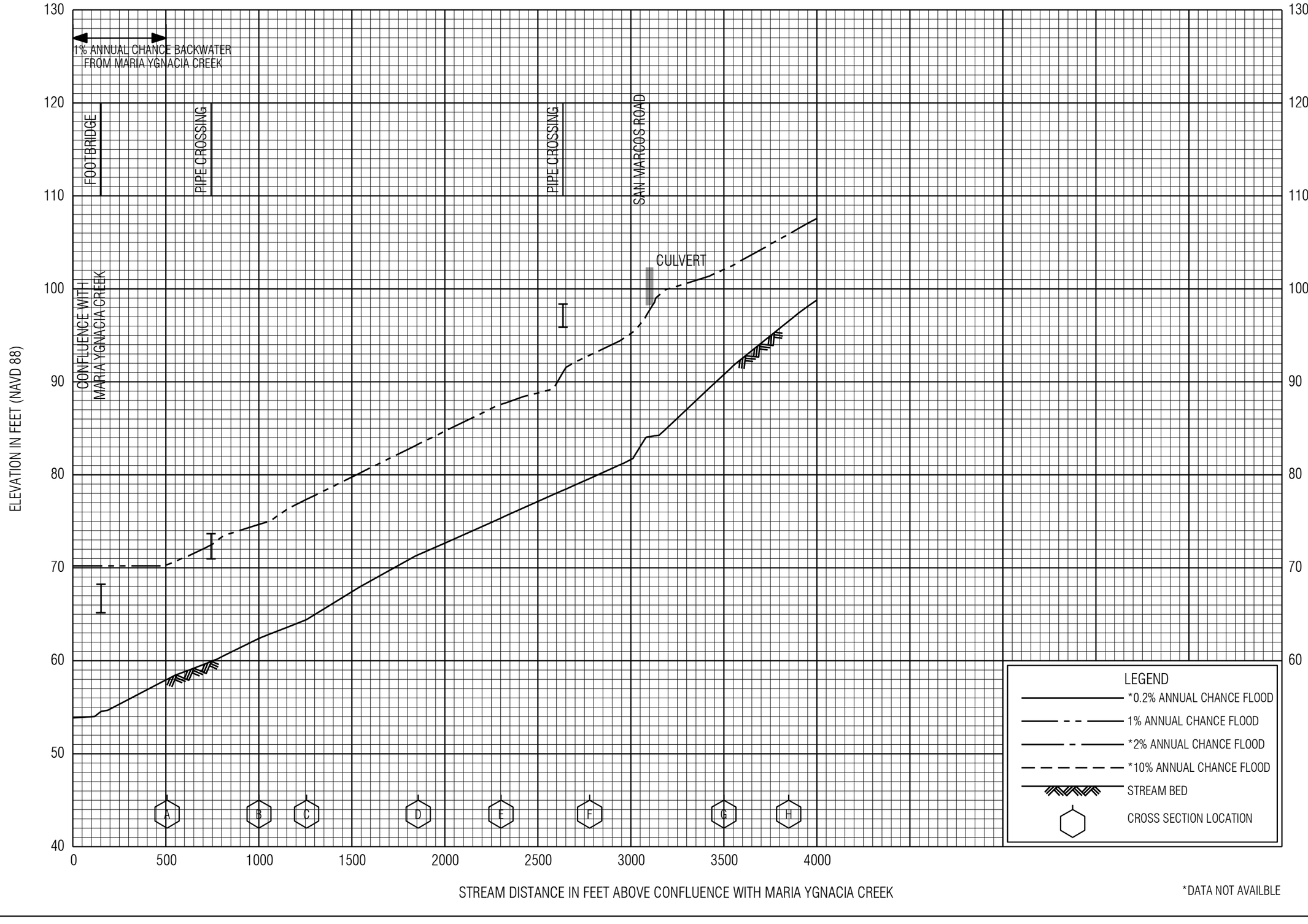
LEGEND
*0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
*2% ANNUAL CHANCE FLOOD
*10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION

*DATA NOT AVAILABLE

FLOOD PROFILES

SAN ANTONIO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS



*DATA NOT AVAILBLE

FLOOD PROFILES

SAN ANTONIO CREEK (TRIBUTARY TO MARIA YGNACIA CREEK)

FEDERAL EMERGENCY MANAGEMENT AGENCY

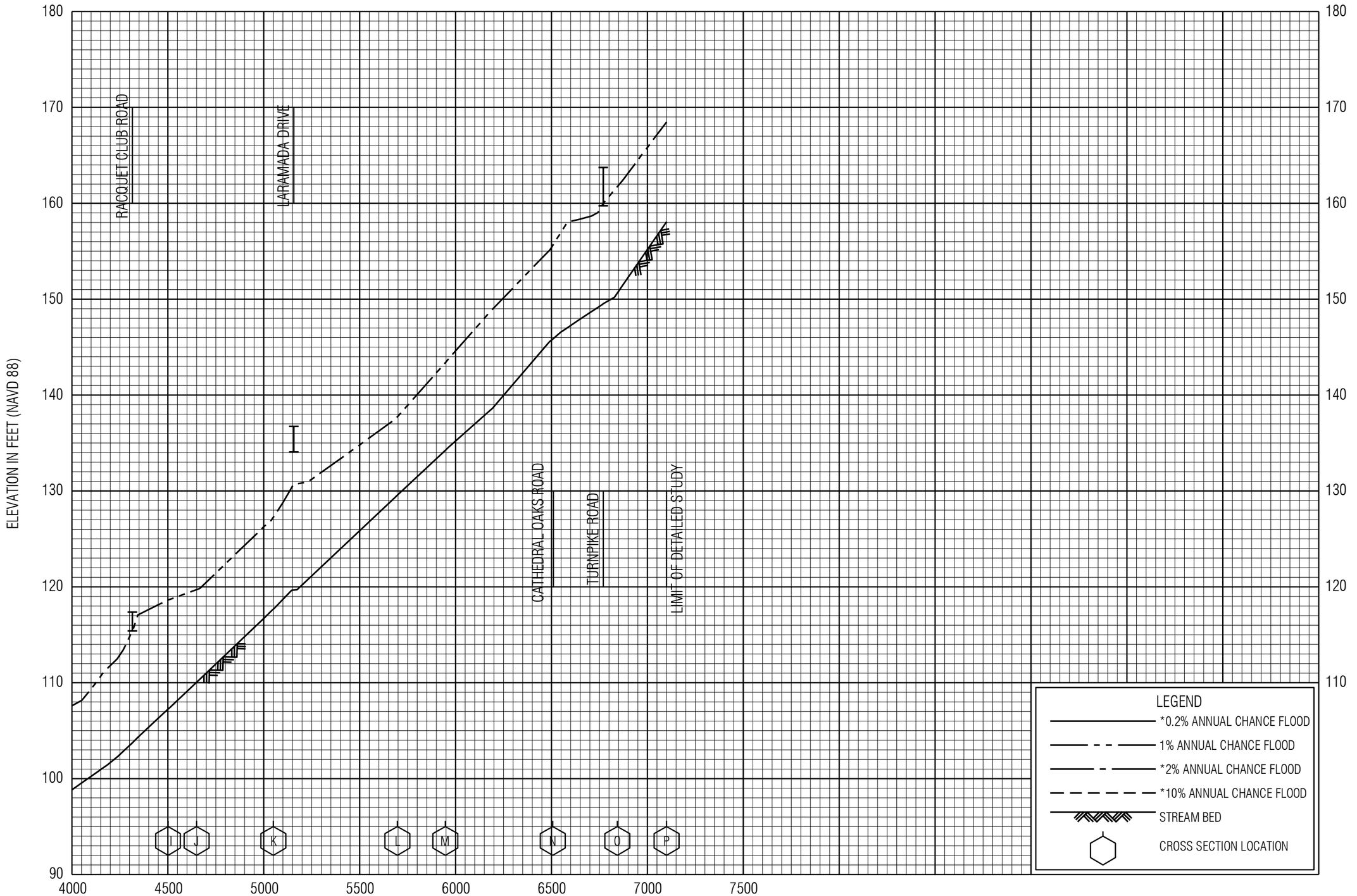
SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

200P

FLOOD PROFILES

SAN ANTONIO CREEK (TRIBUTARY TO MARIA YGNACIA CREEK)

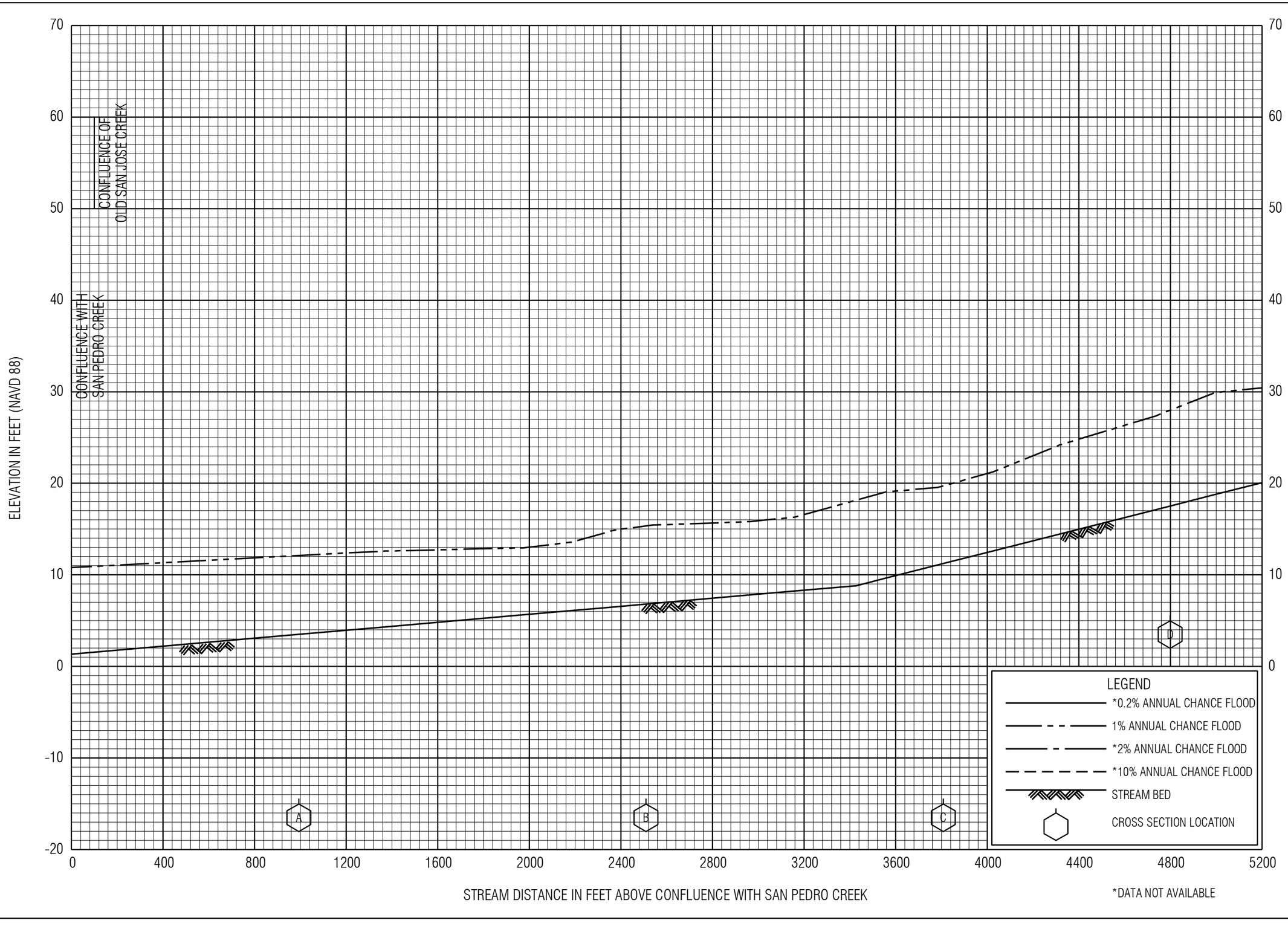


*DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



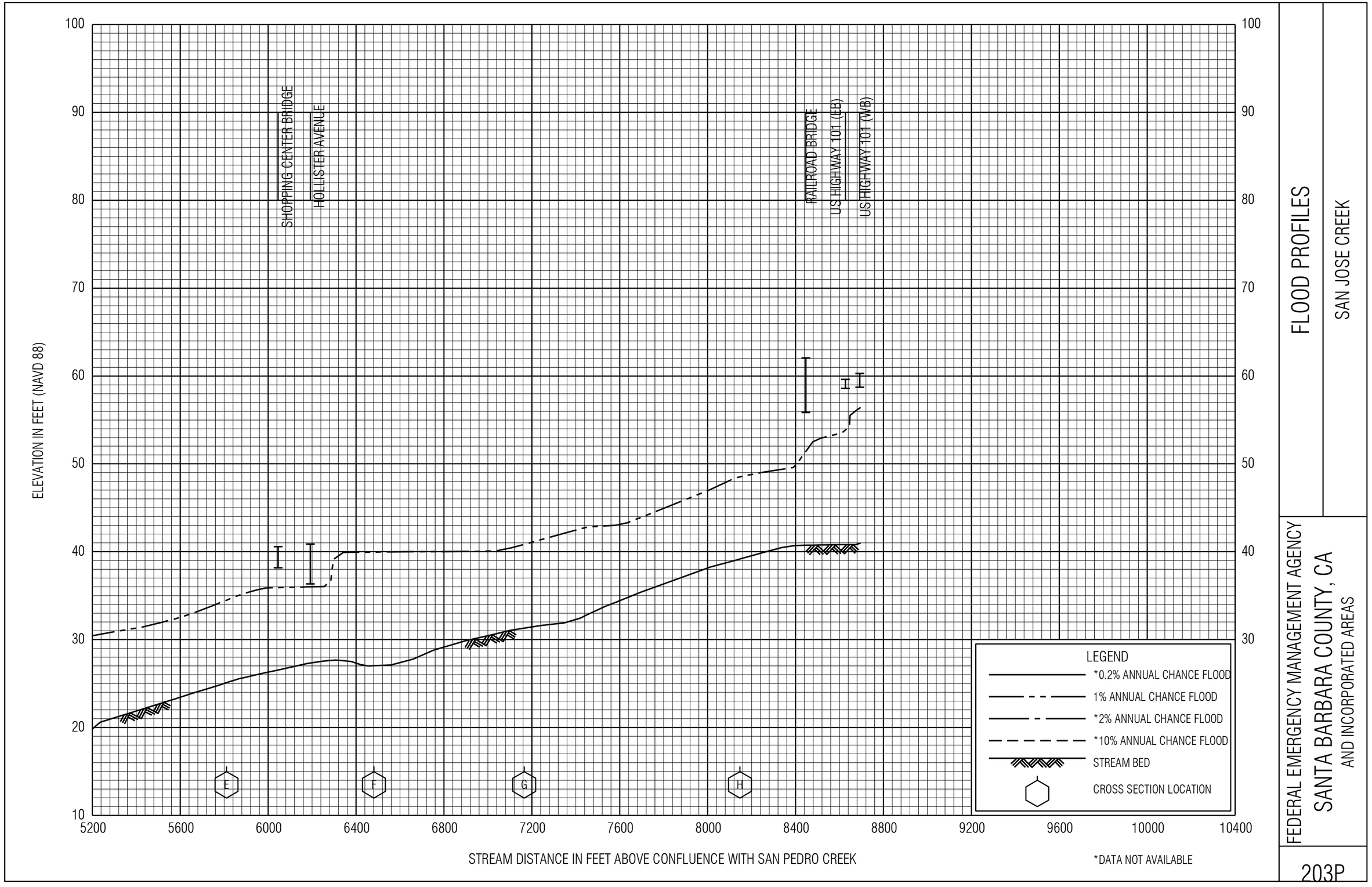
FLOOD PROFILES

SAN JOSE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



*DATA NOT AVAILABLE

FLOOD PROFILES

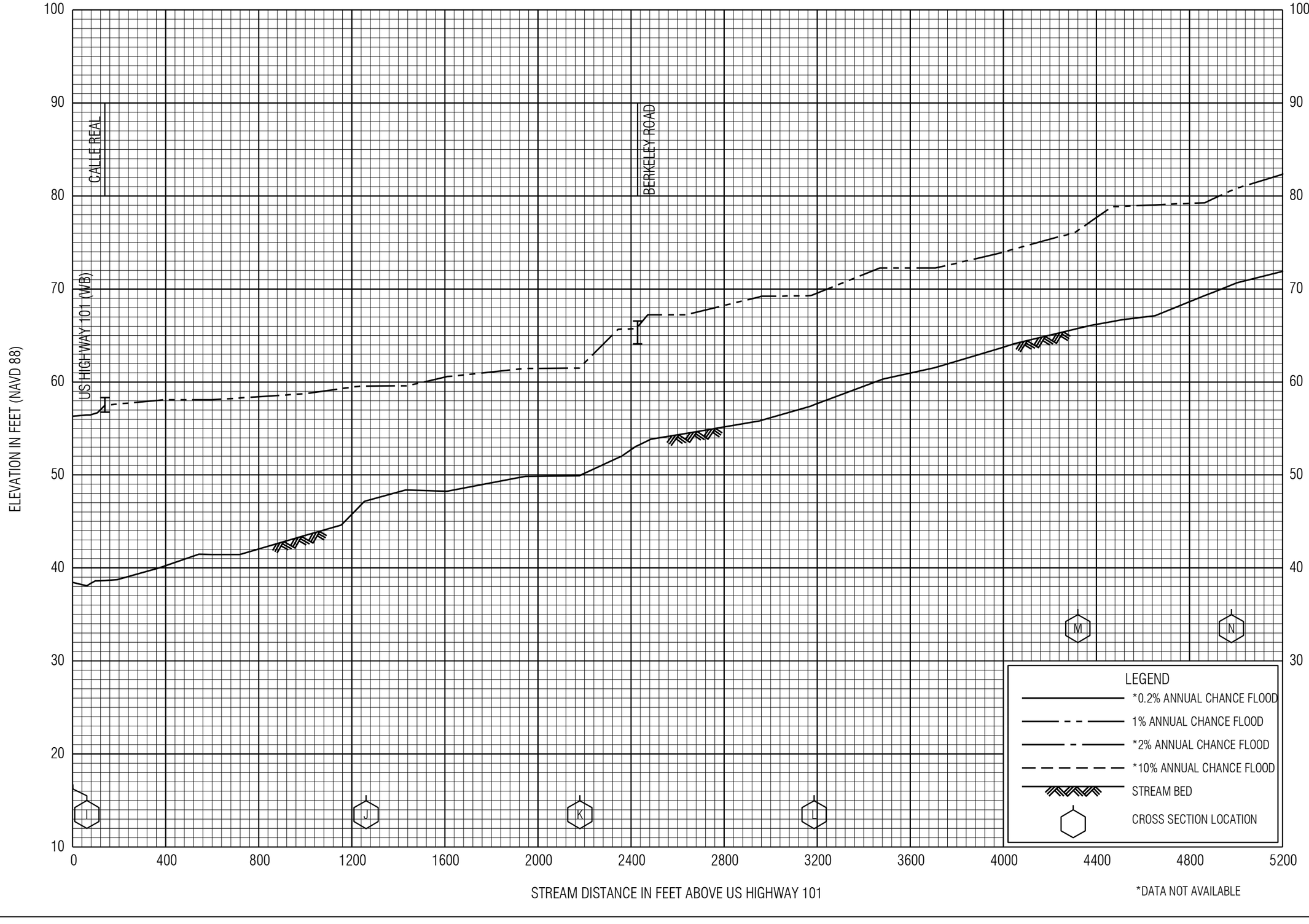
SAN JOSE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

203P



FLOOD PROFILES

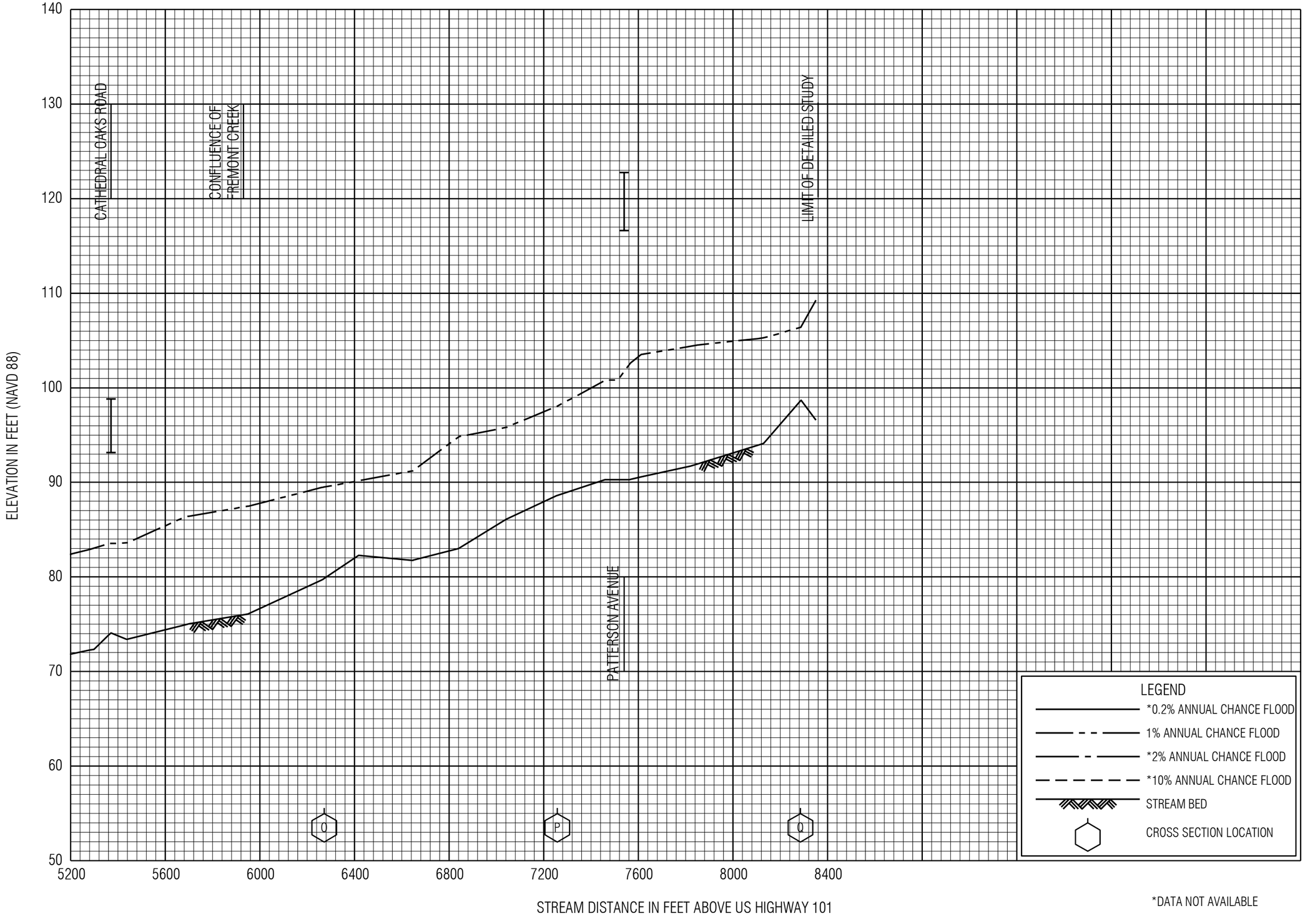
SAN JOSE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

204P



*DATA NOT AVAILABLE

FLOOD PROFILES

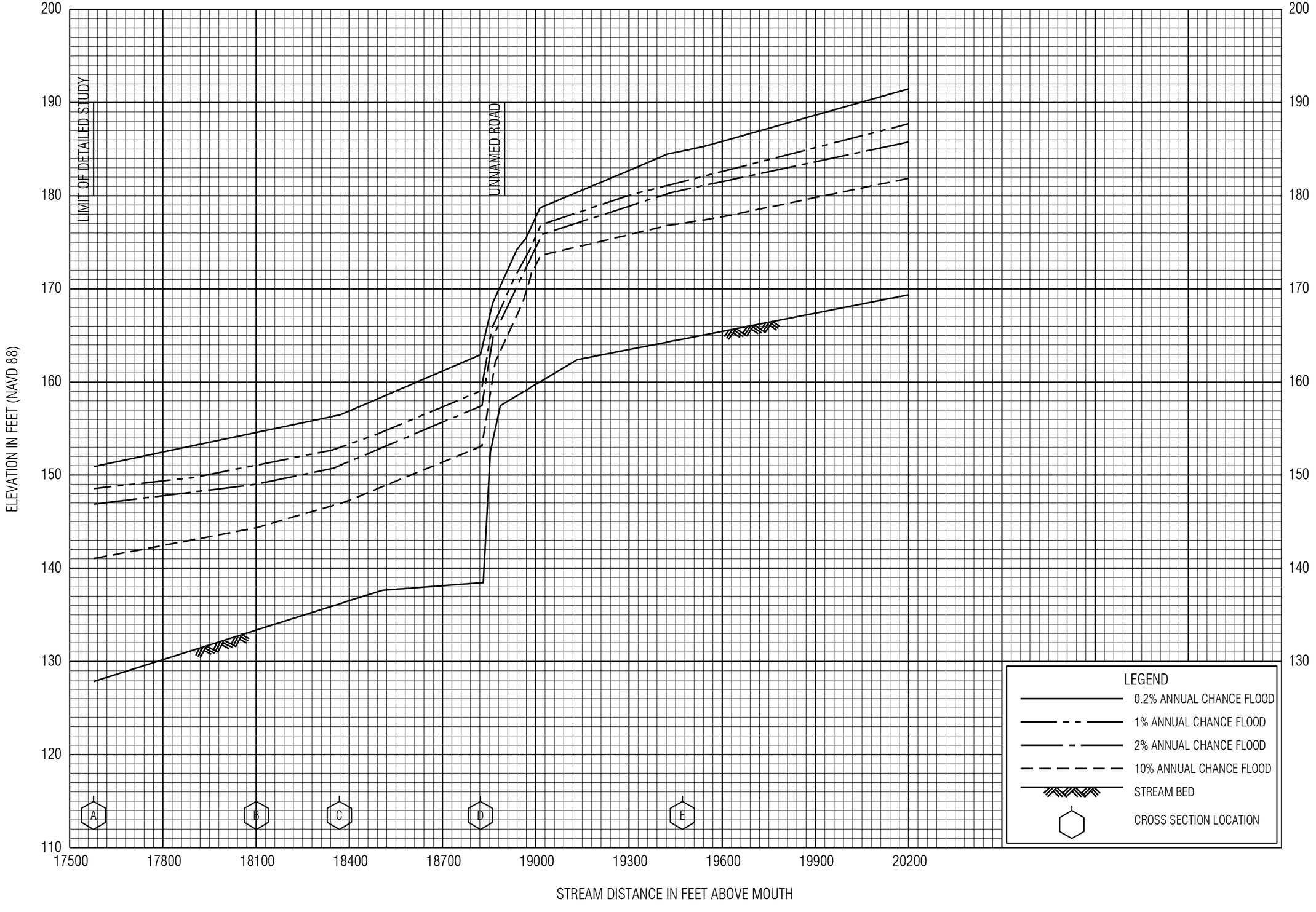
SAN JOSE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

205P



FLOOD PROFILES

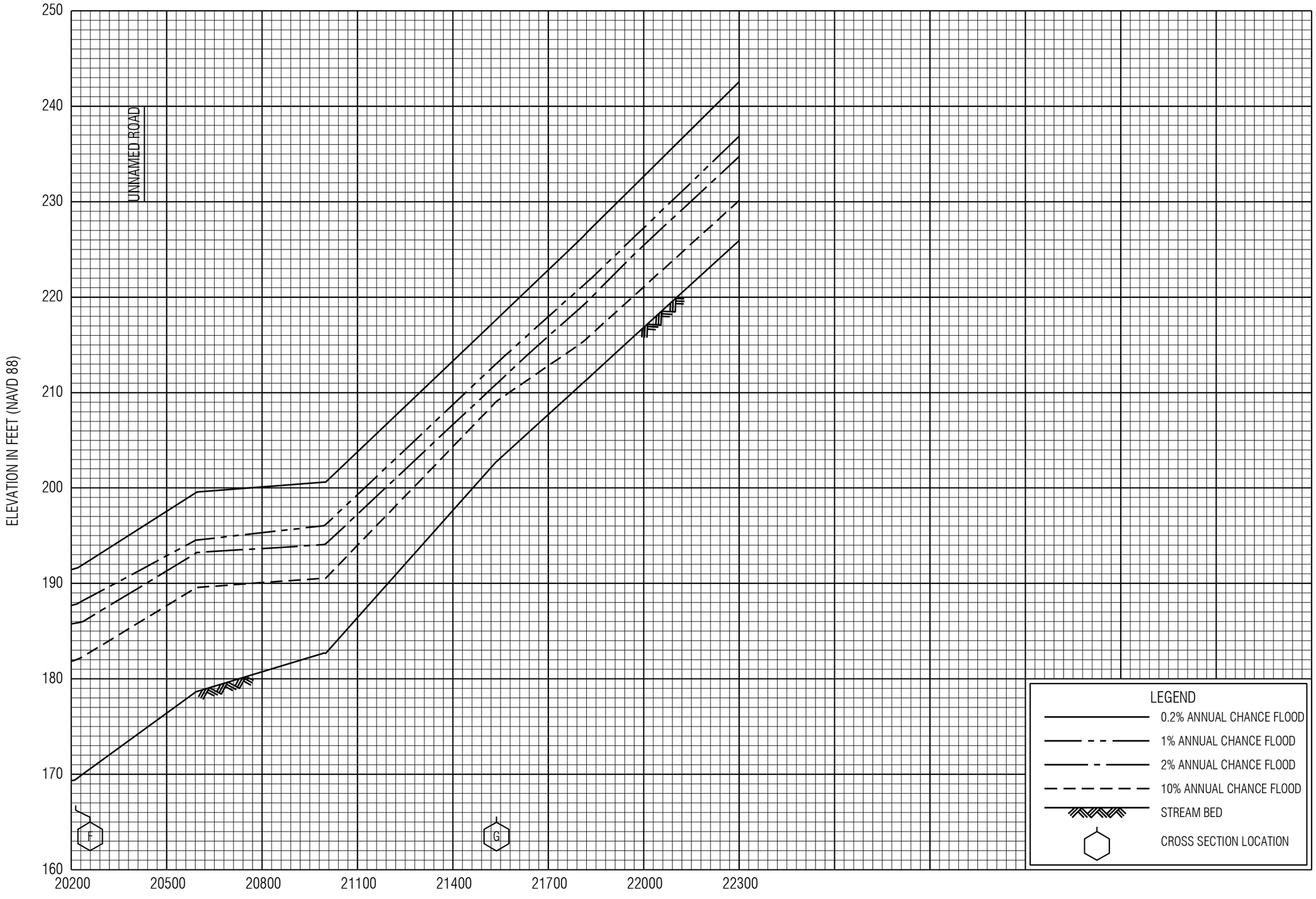
SAN MIGUELITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

206P



FLOOD PROFILES

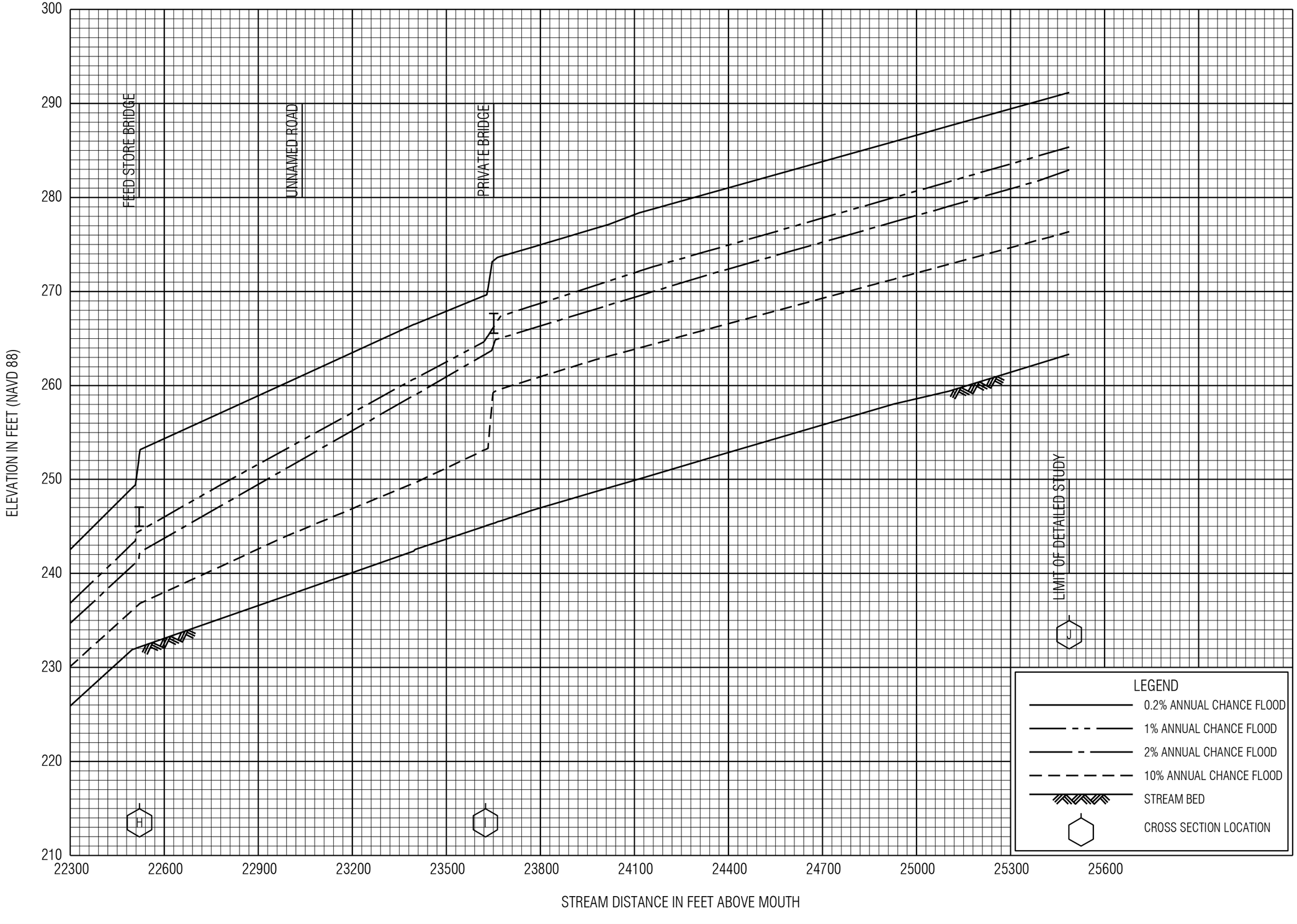
SAN MIGUELITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

207P



FLOOD PROFILES

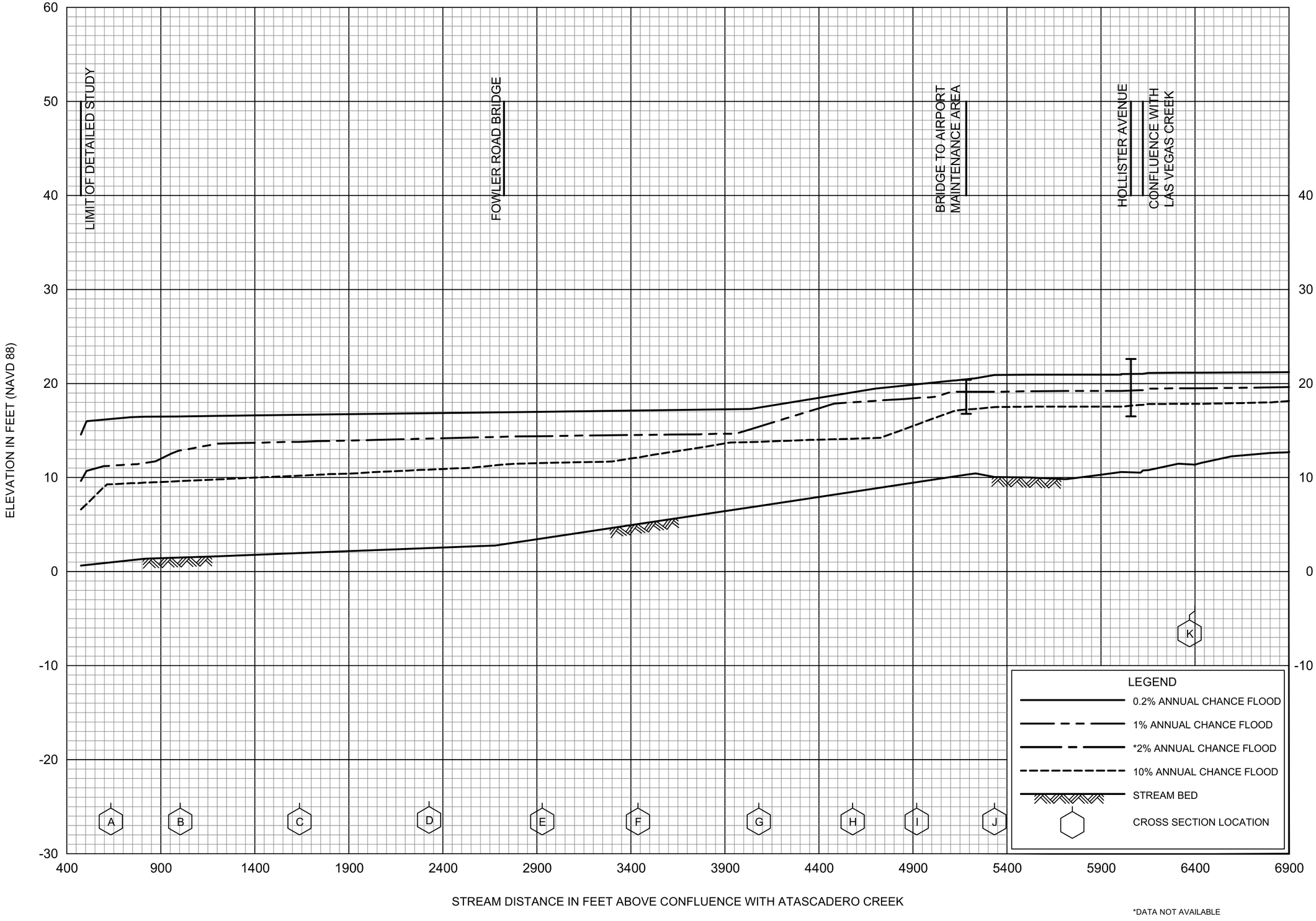
SAN MIGUELITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

208P



*DATA NOT AVAILABLE

FLOOD PROFILES

SAN PEDRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

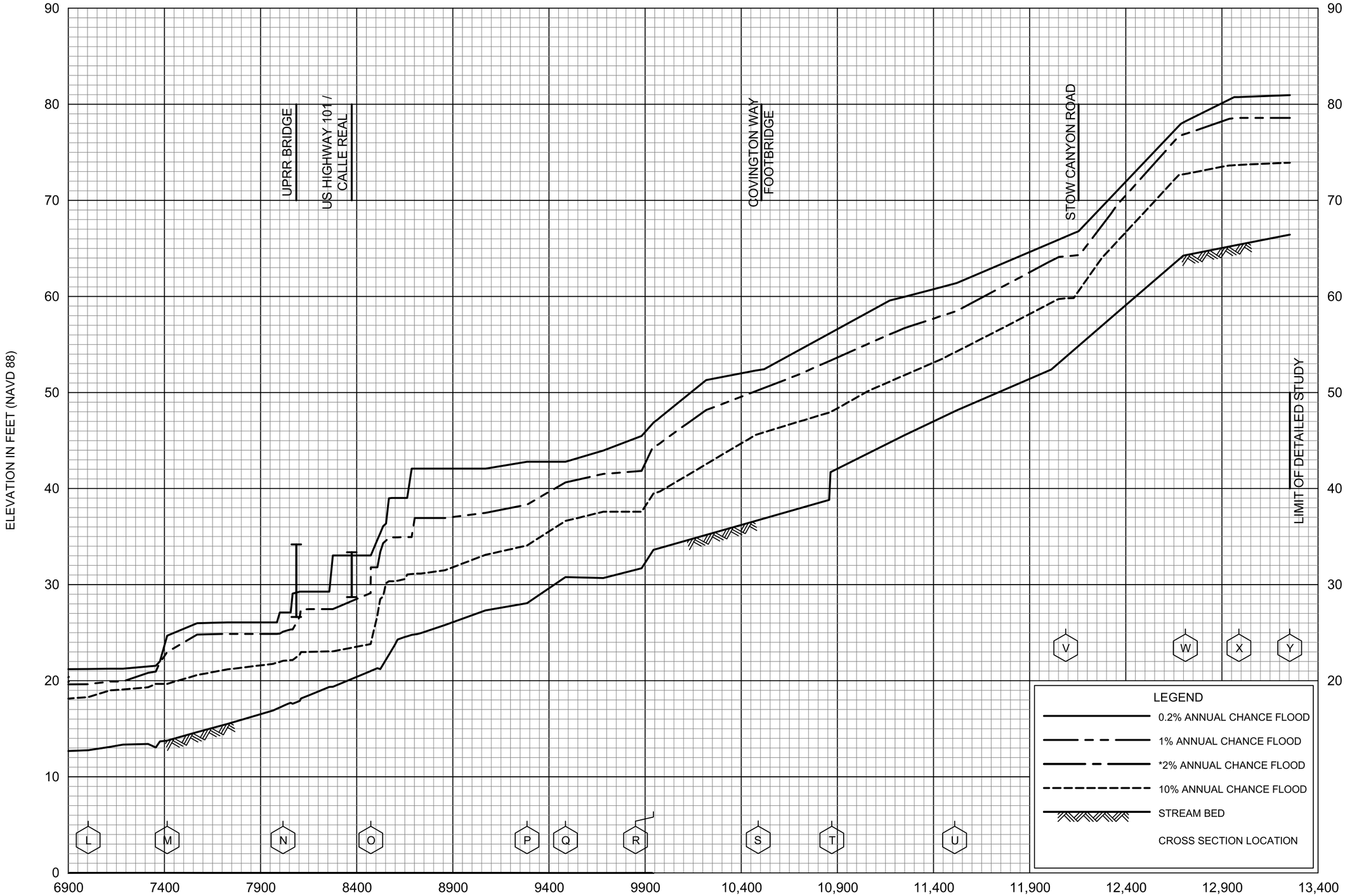
SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

209P

FLOOD PROFILES

SAN PEDRO CREEK



This profile is updated per LOMR 15-09-1420P which is located on panels which were not revised. Therefore, users must continue to refer to the annotated FIRM attachements for this LOMR

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ATASCADERO CREEK

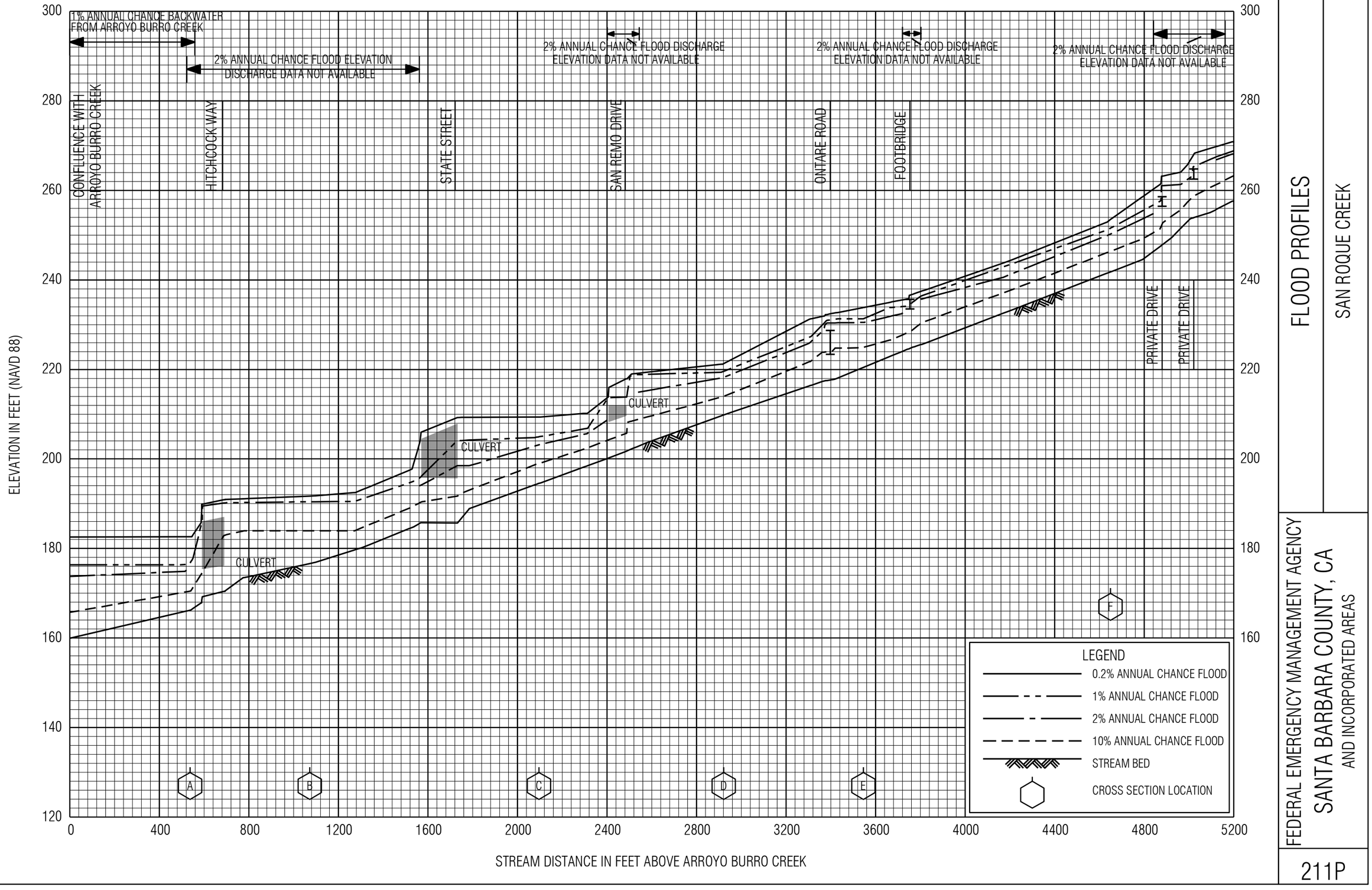
*DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

210P



FLOOD PROFILES

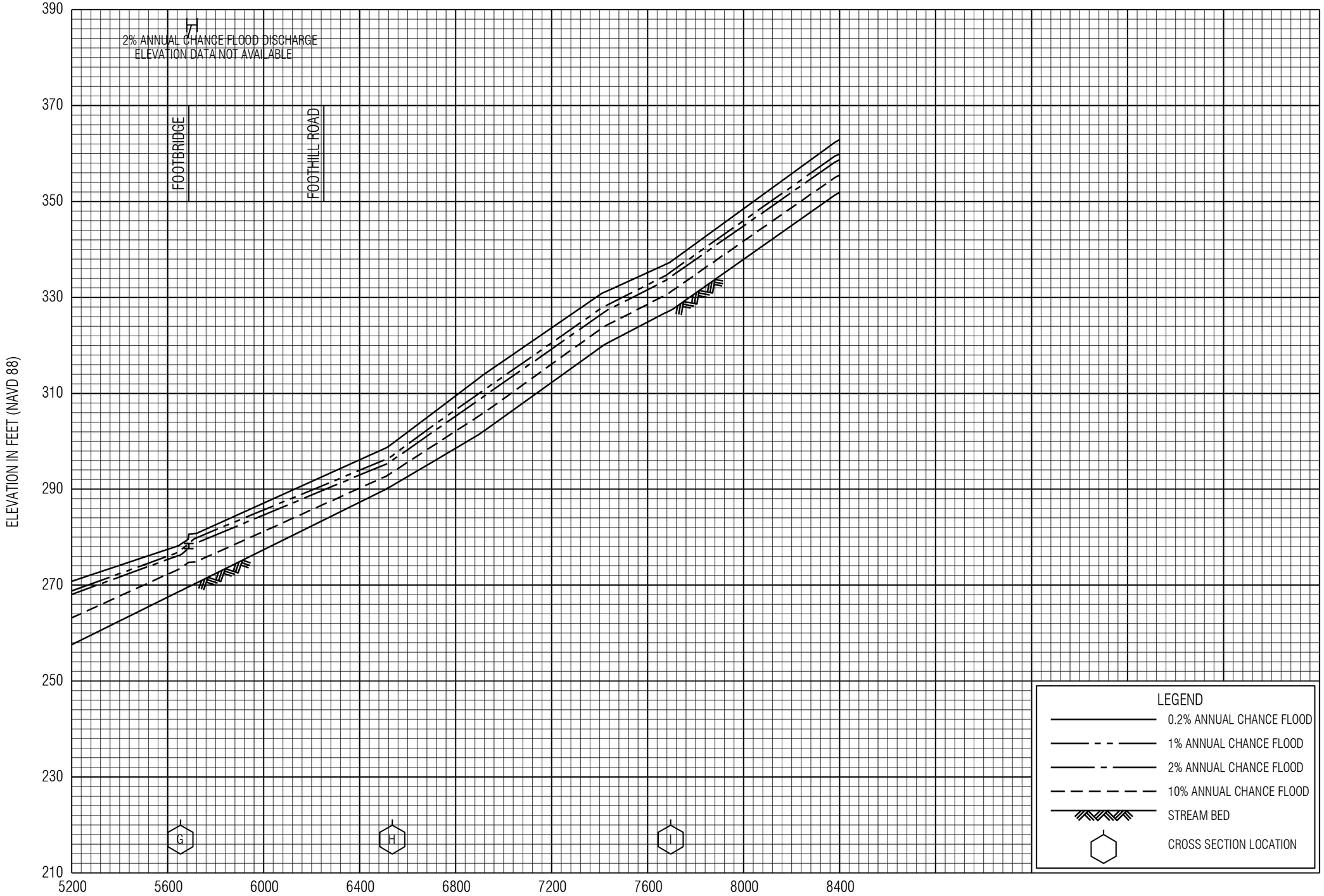
SAN ROQUE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

211P



FLOOD PROFILES

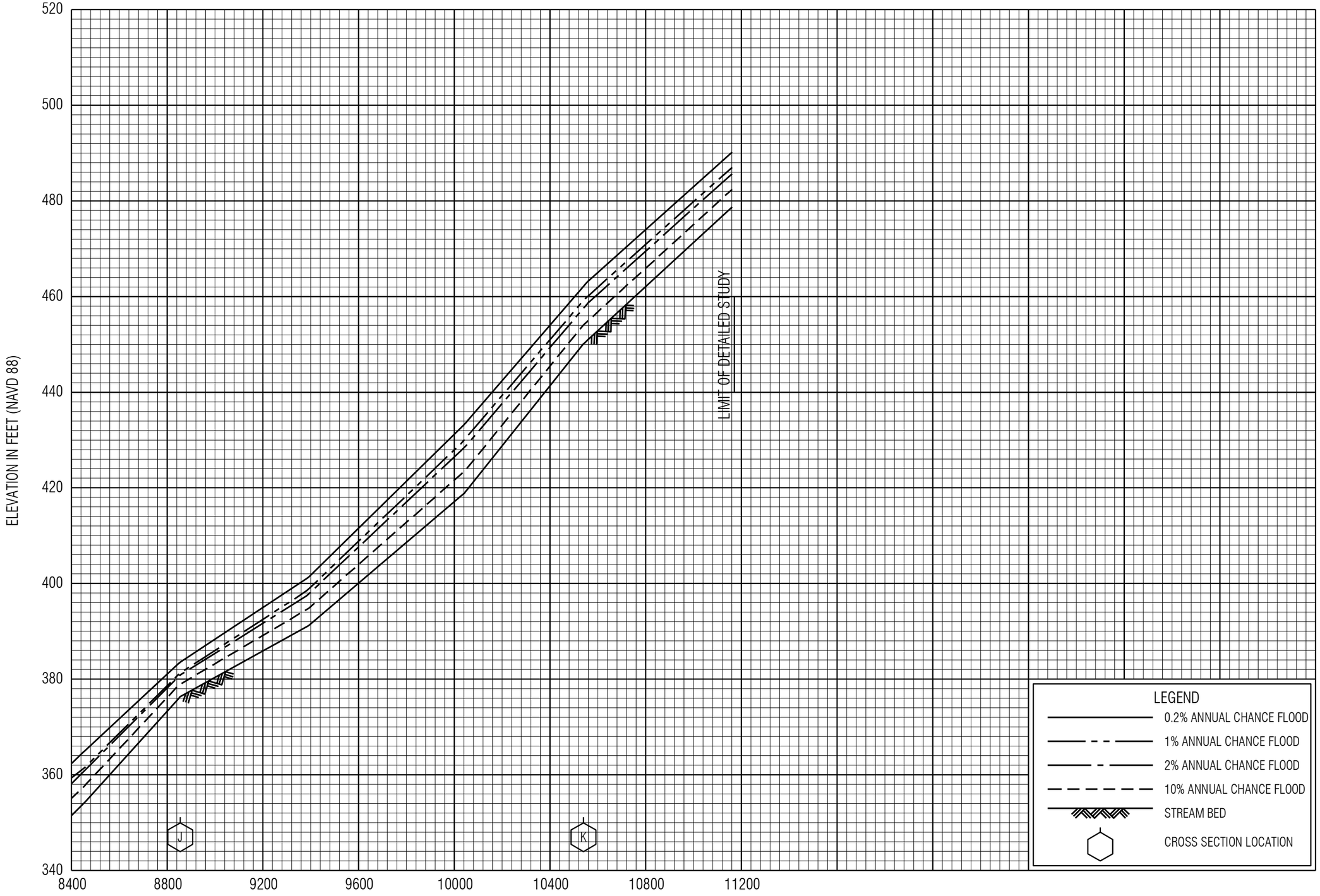
SAN ROQUE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

212P



FLOOD PROFILES

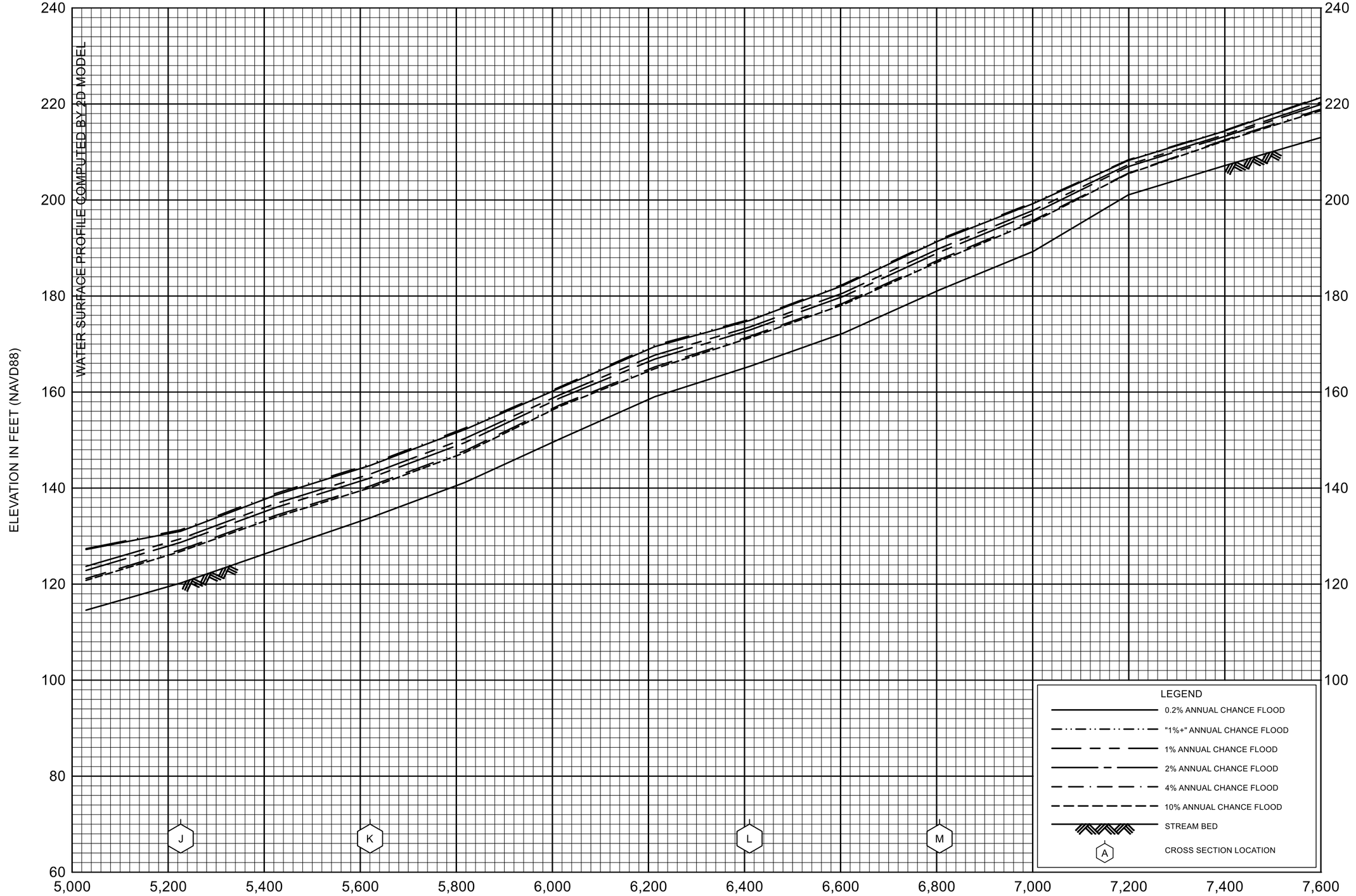
SAN ROQUE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

213P



FLOOD PROFILES

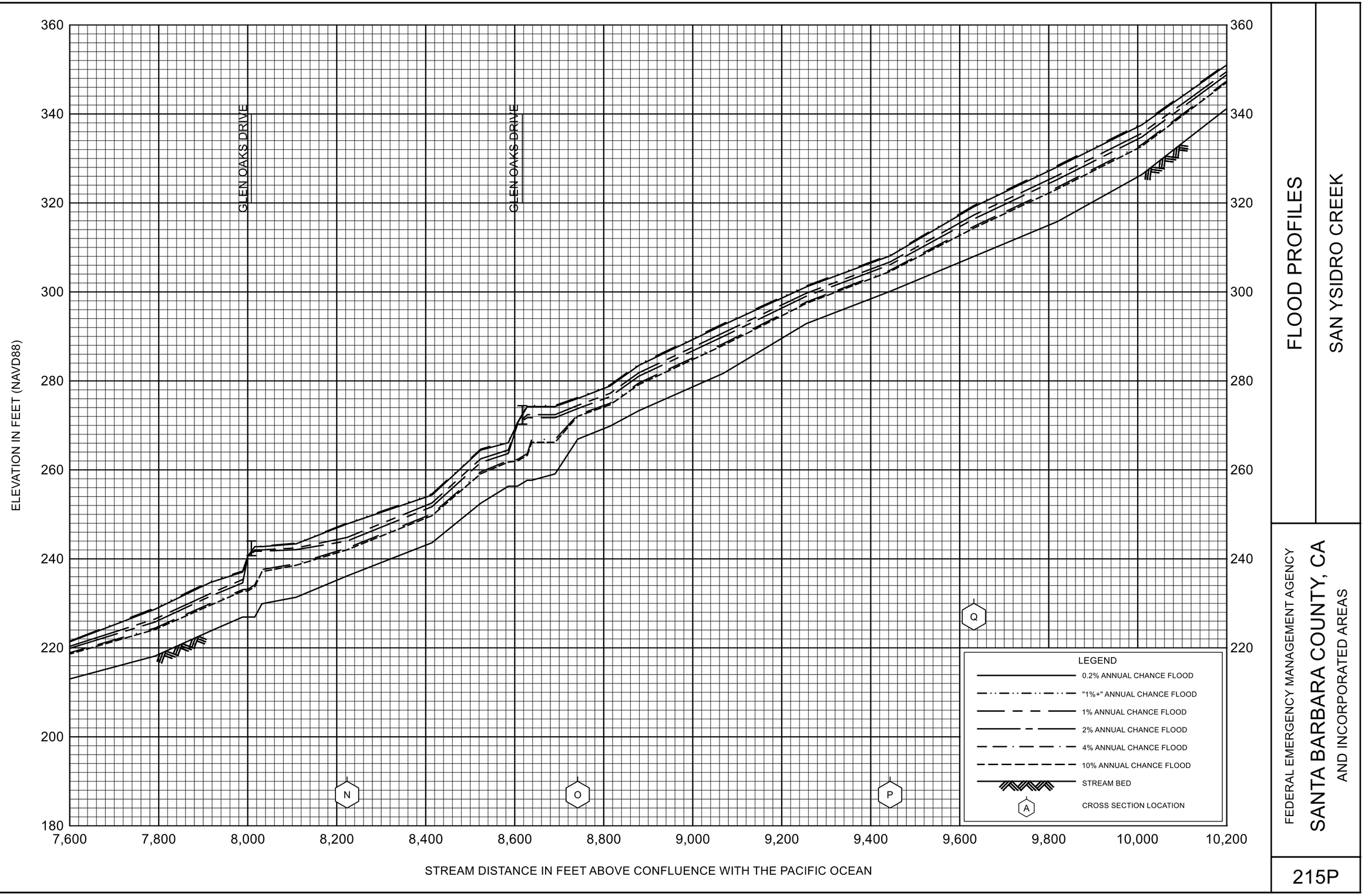
SAN YSIDRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

214P



FLOOD PROFILES

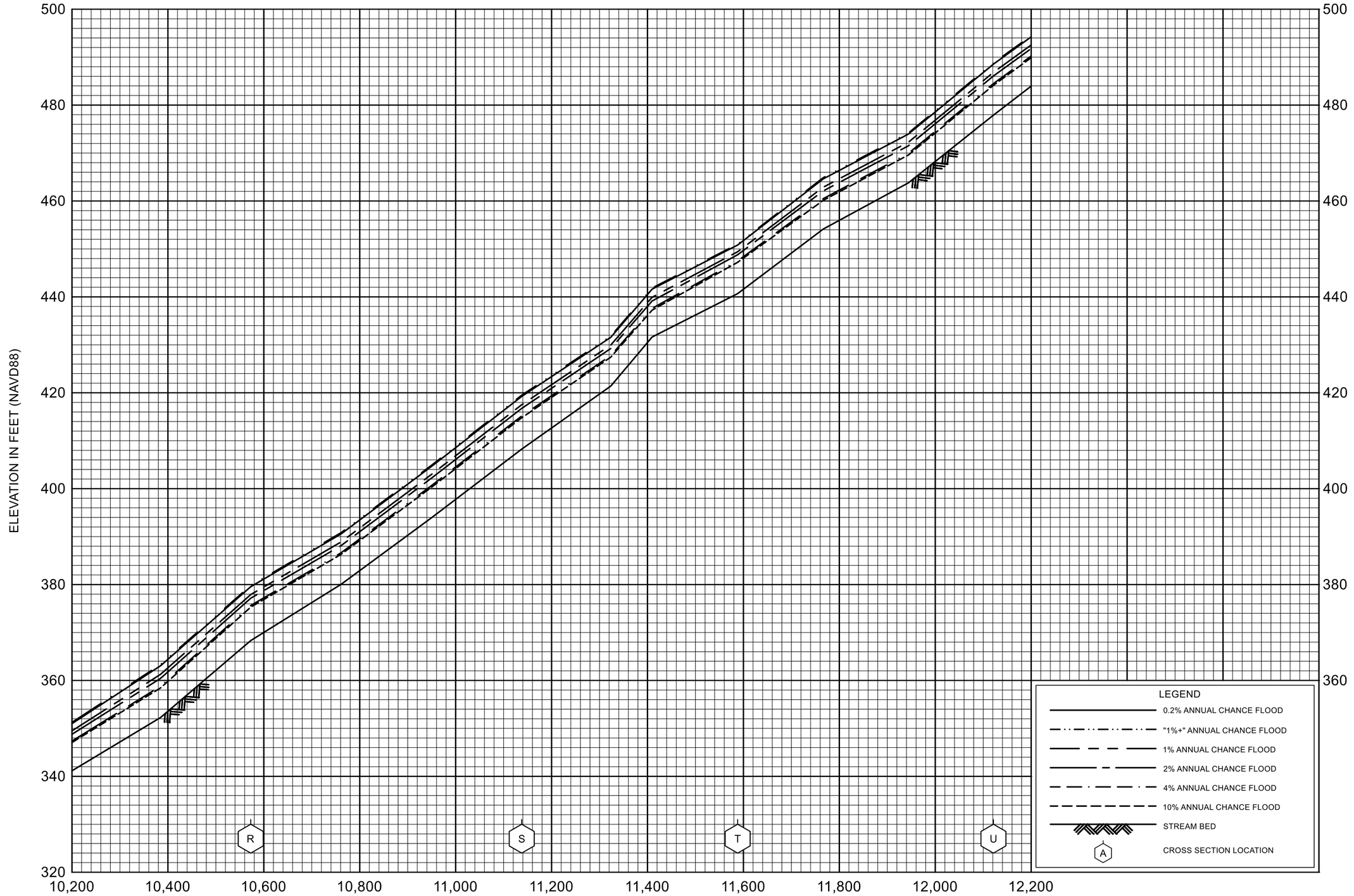
SAN YSIDRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

215P



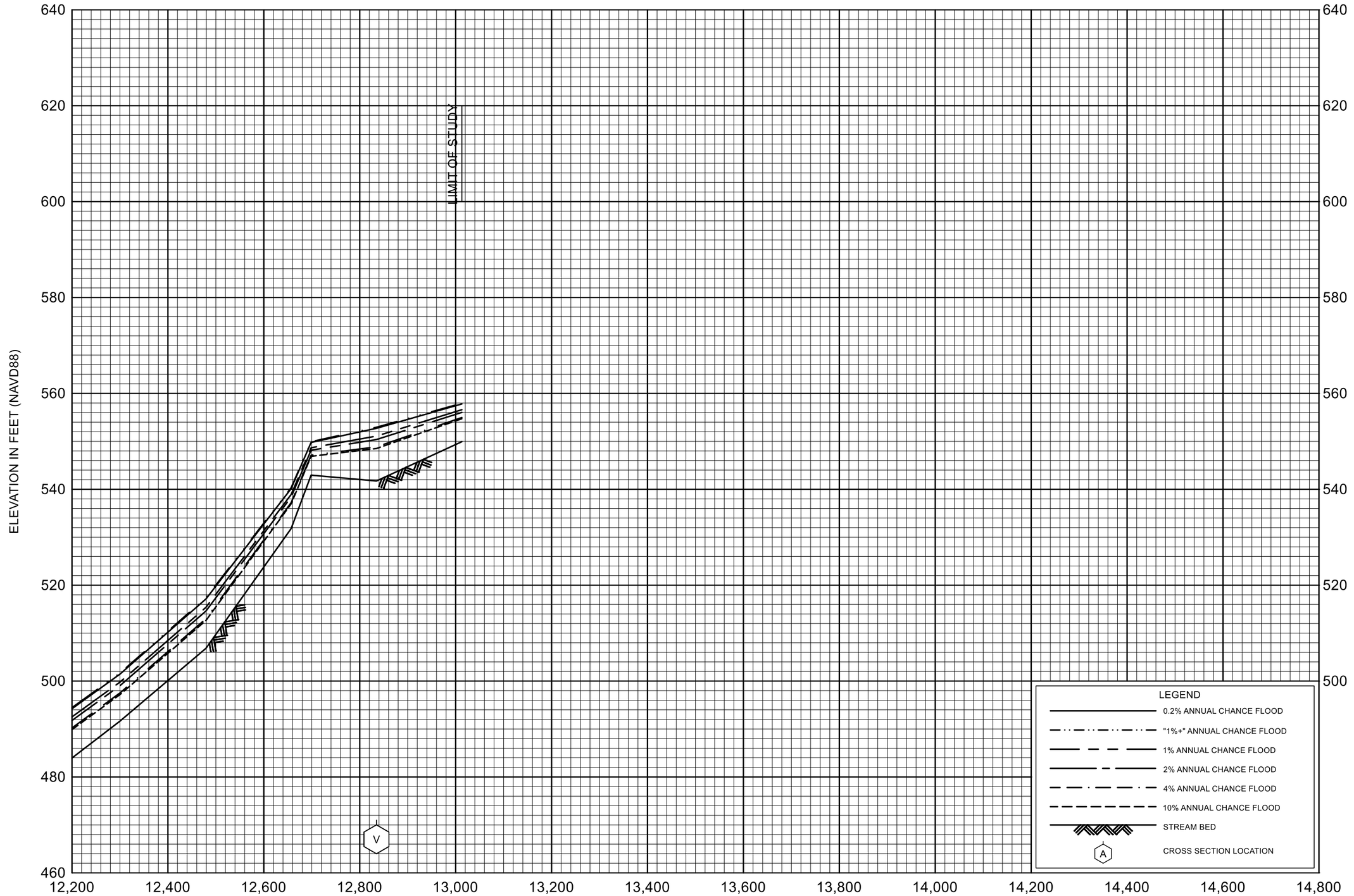
FLOOD PROFILES

SAN YSIDRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

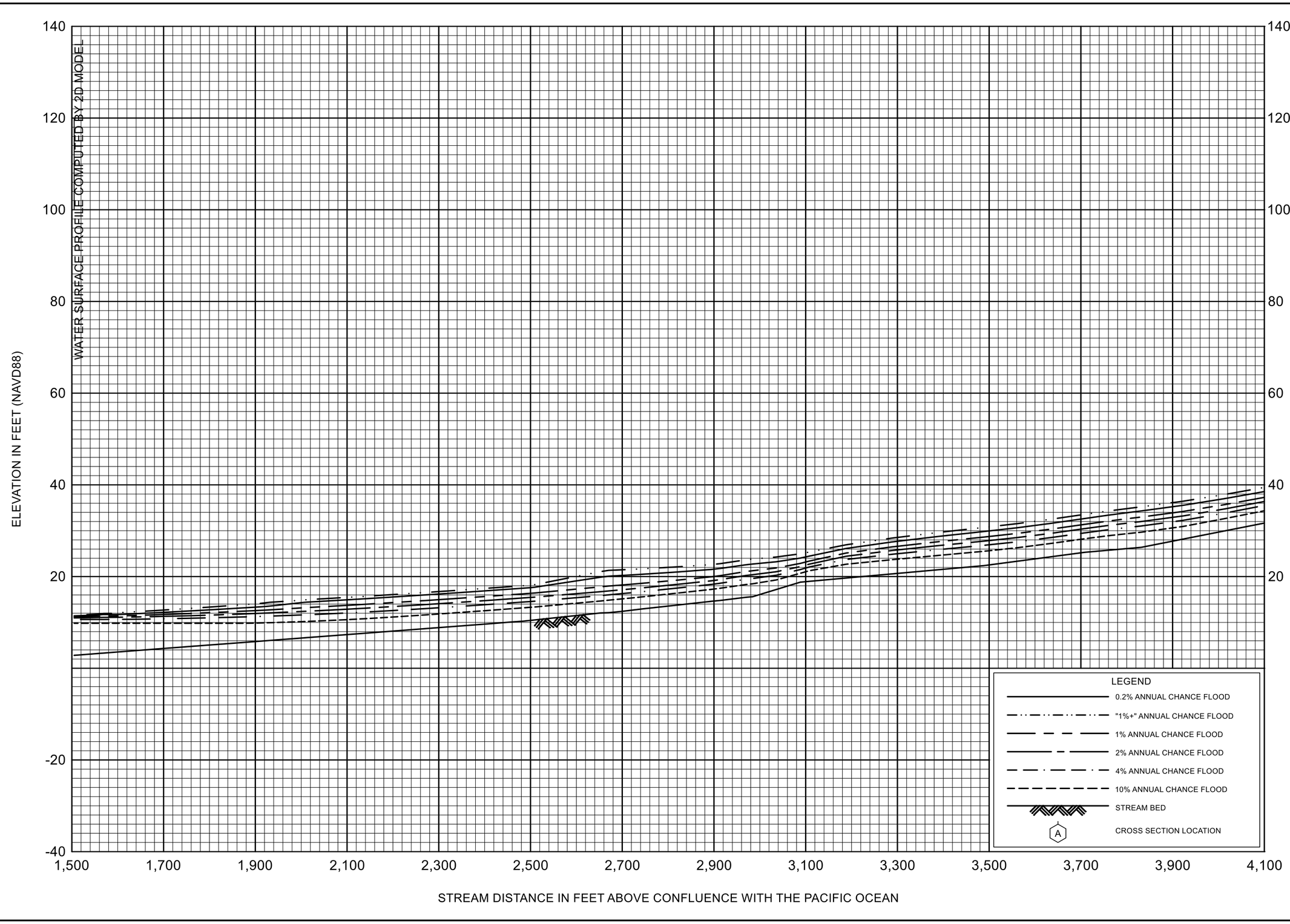
SAN YSIDRO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

217P



FLOOD PROFILES

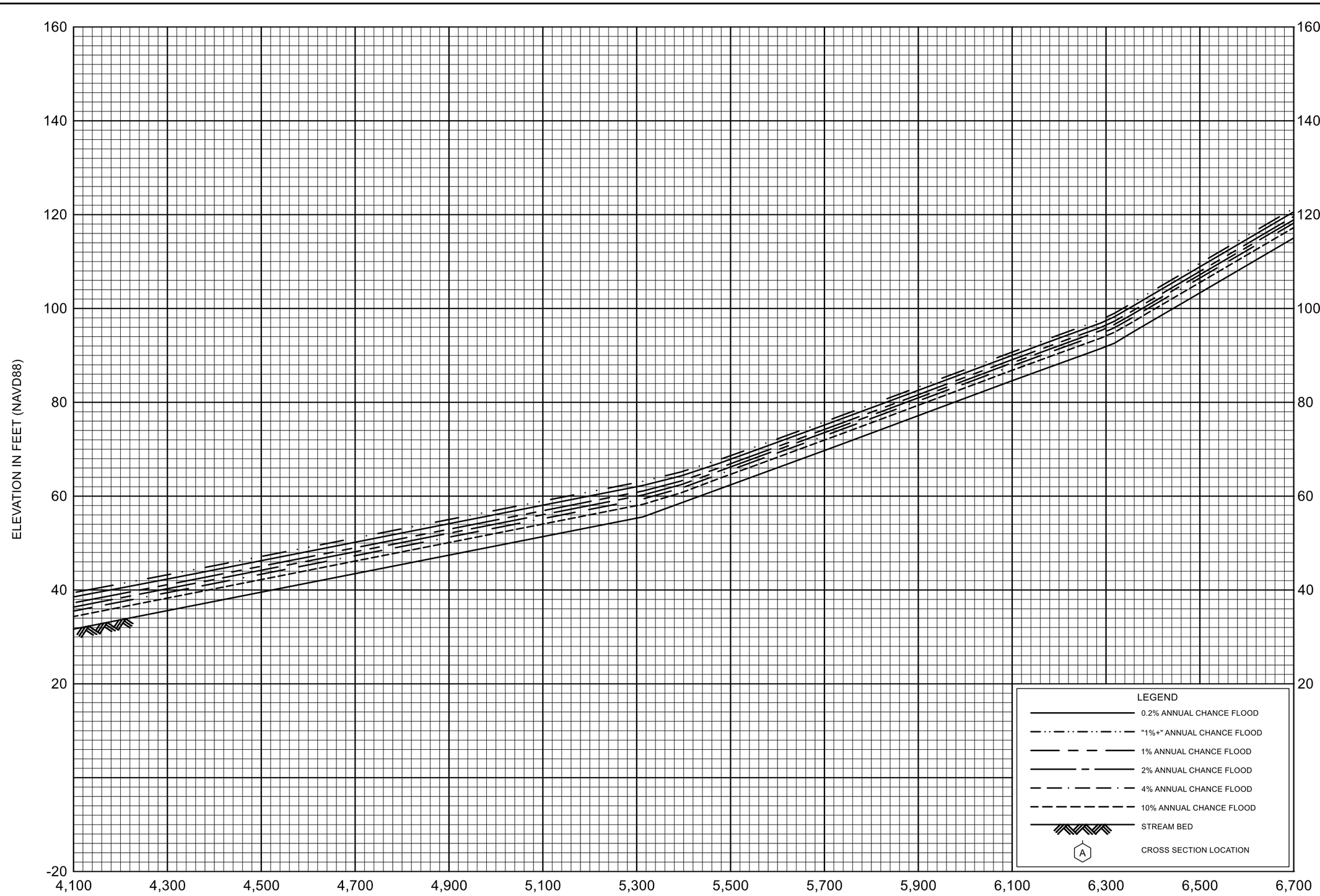
SANTA MONICA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

218P



FLOOD PROFILES

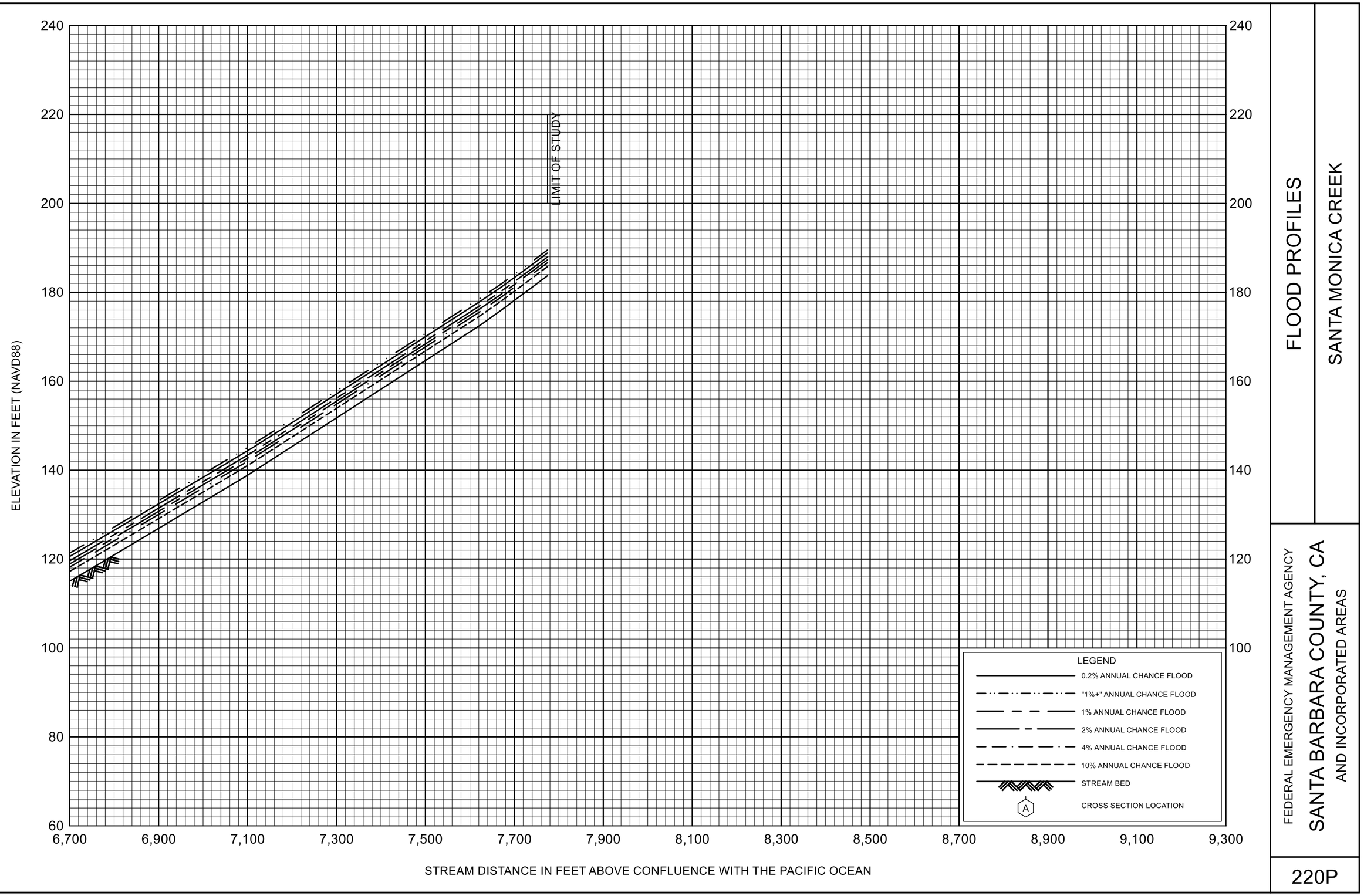
SANTA MONICA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

219P



FLOOD PROFILES

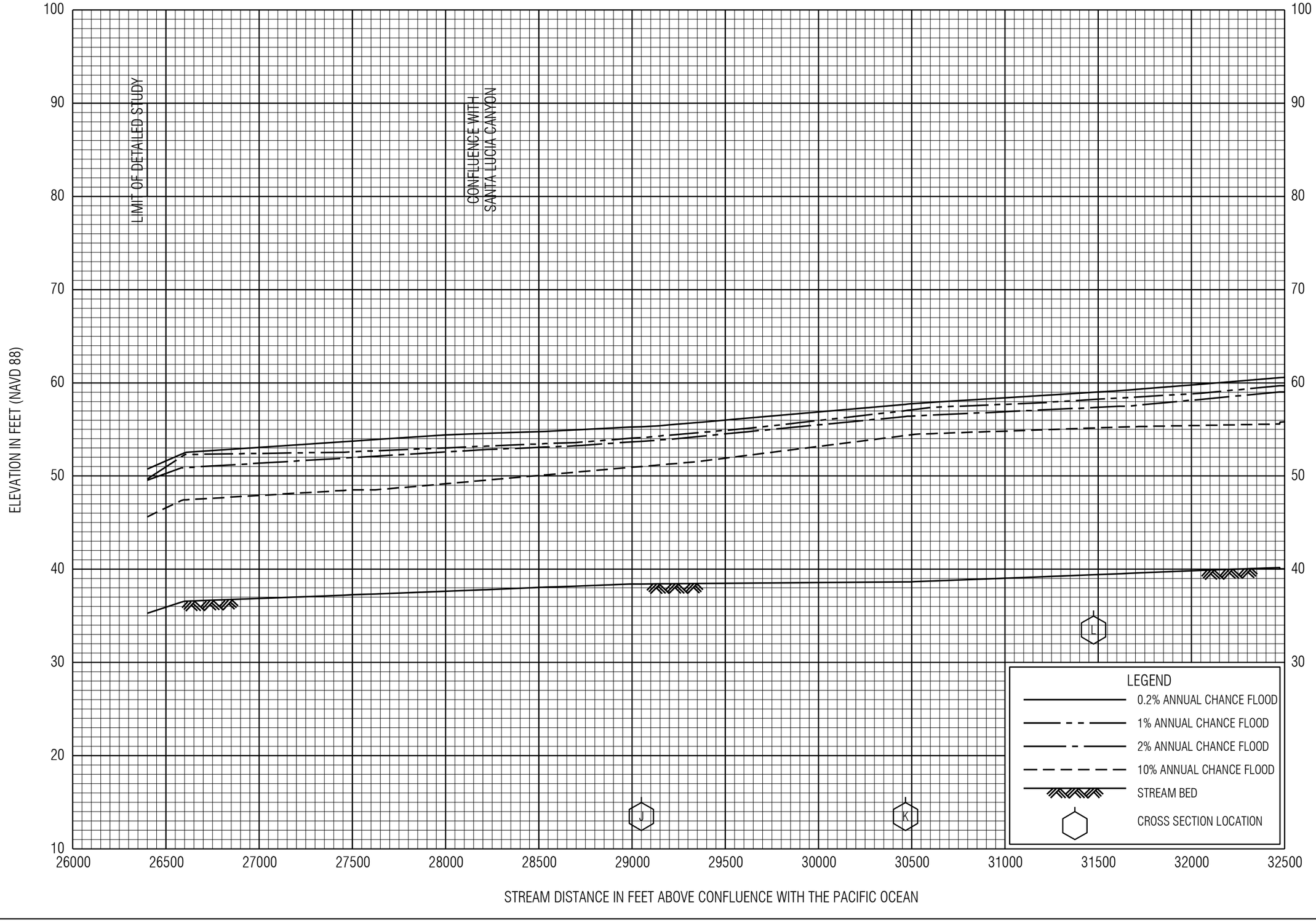
SANTA MONICA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

220P



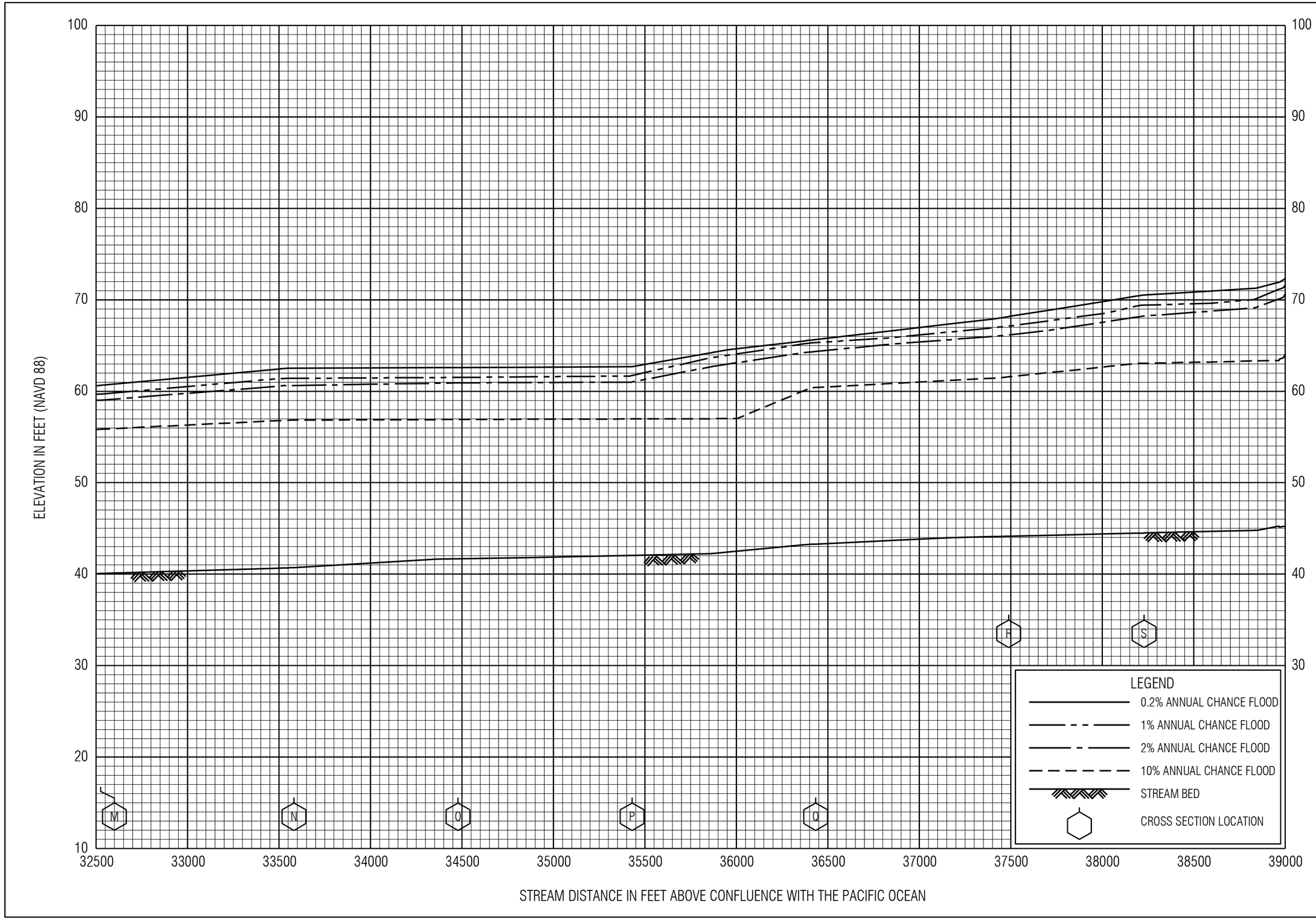
FLOOD PROFILES

SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

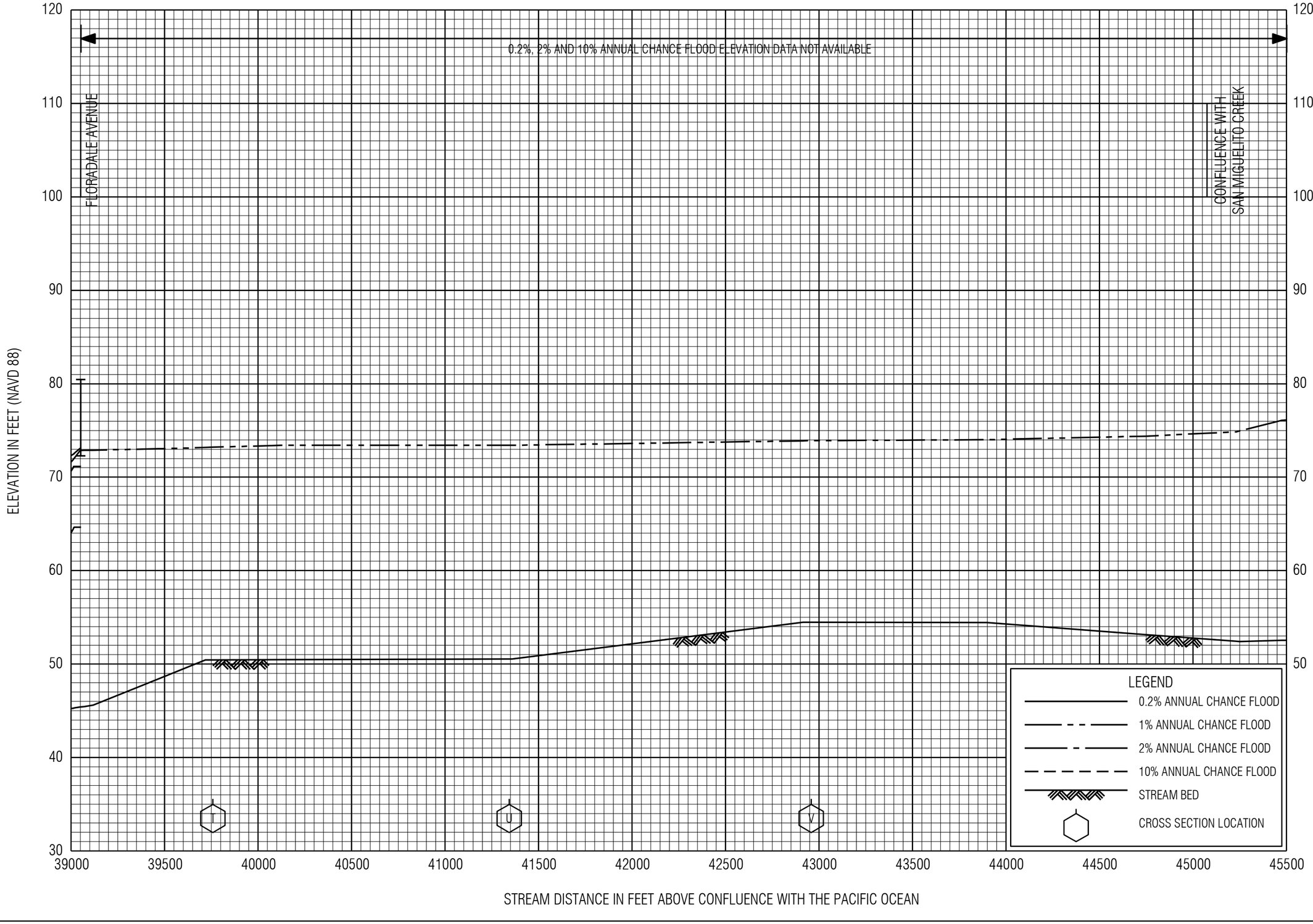
SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

222P



FLOOD PROFILES

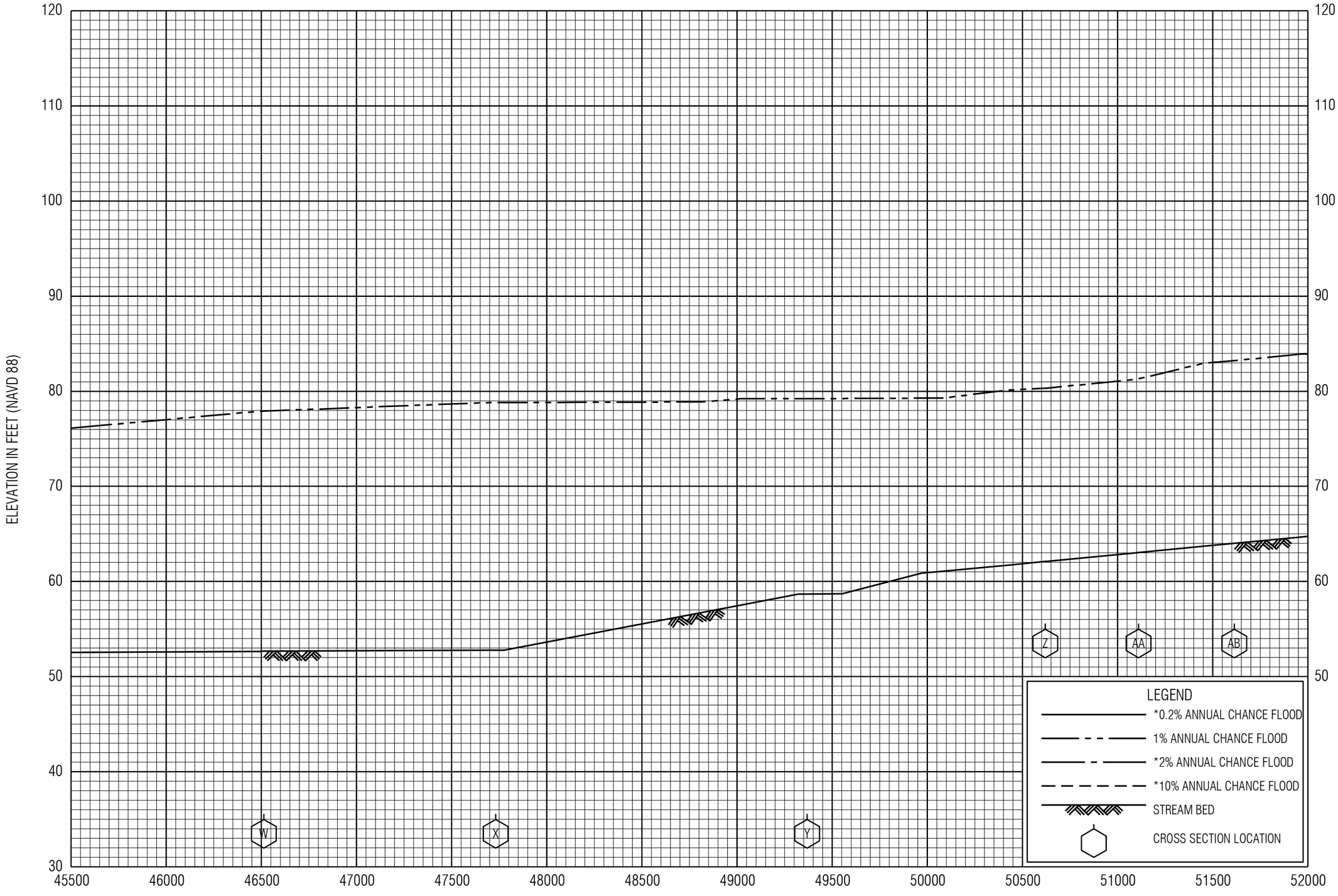
SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

223P



FLOOD PROFILES

SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

224P

0.2%, 2%, AND 10% ANNUAL CHANCE FLOOD ELEVATION DATA NOT AVAILABLE

STATE HIGHWAY 1
CABRILLO HIGHWAY

ELEVATION IN FEET (NAVD 88)

130
120
110
100
90
80
70
60
50
40

52000 52500 53000 53500 54000 54500 55000 55500 56000 56500 57000 57500 58000 58500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

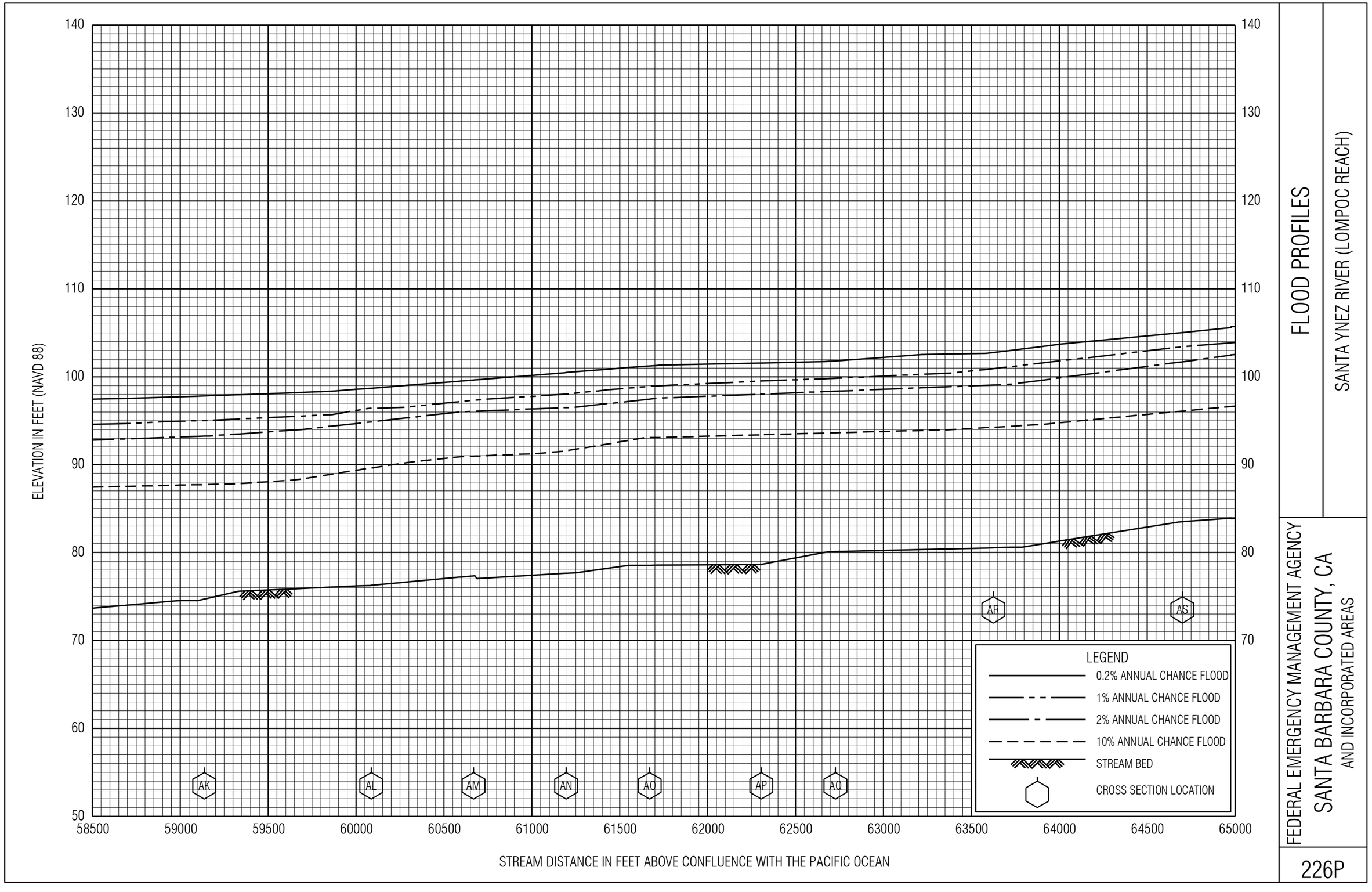
AC AD AE AF AG AH AI AJ

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

FLOOD PROFILES

SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY
SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

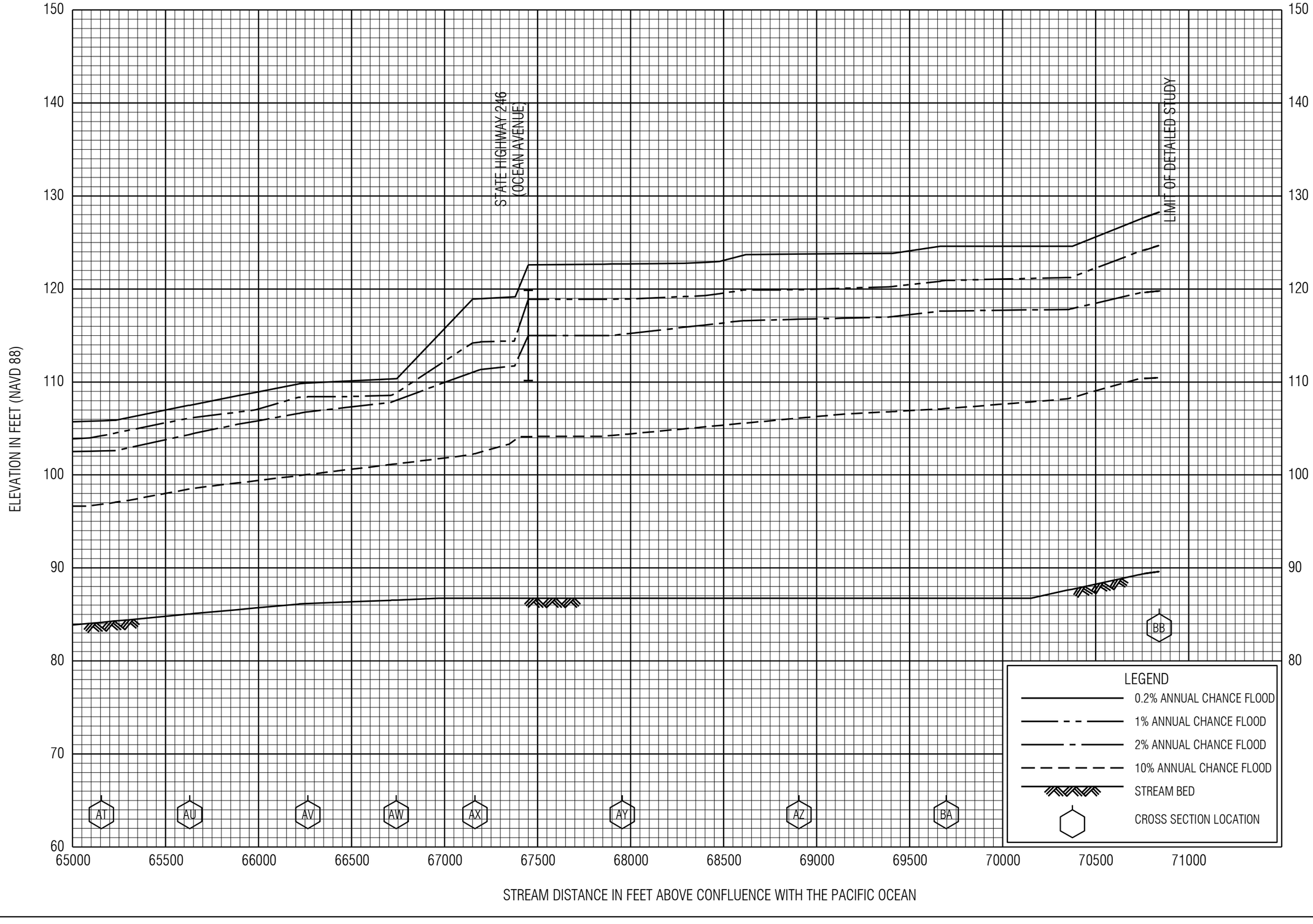
SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

226P



FLOOD PROFILES

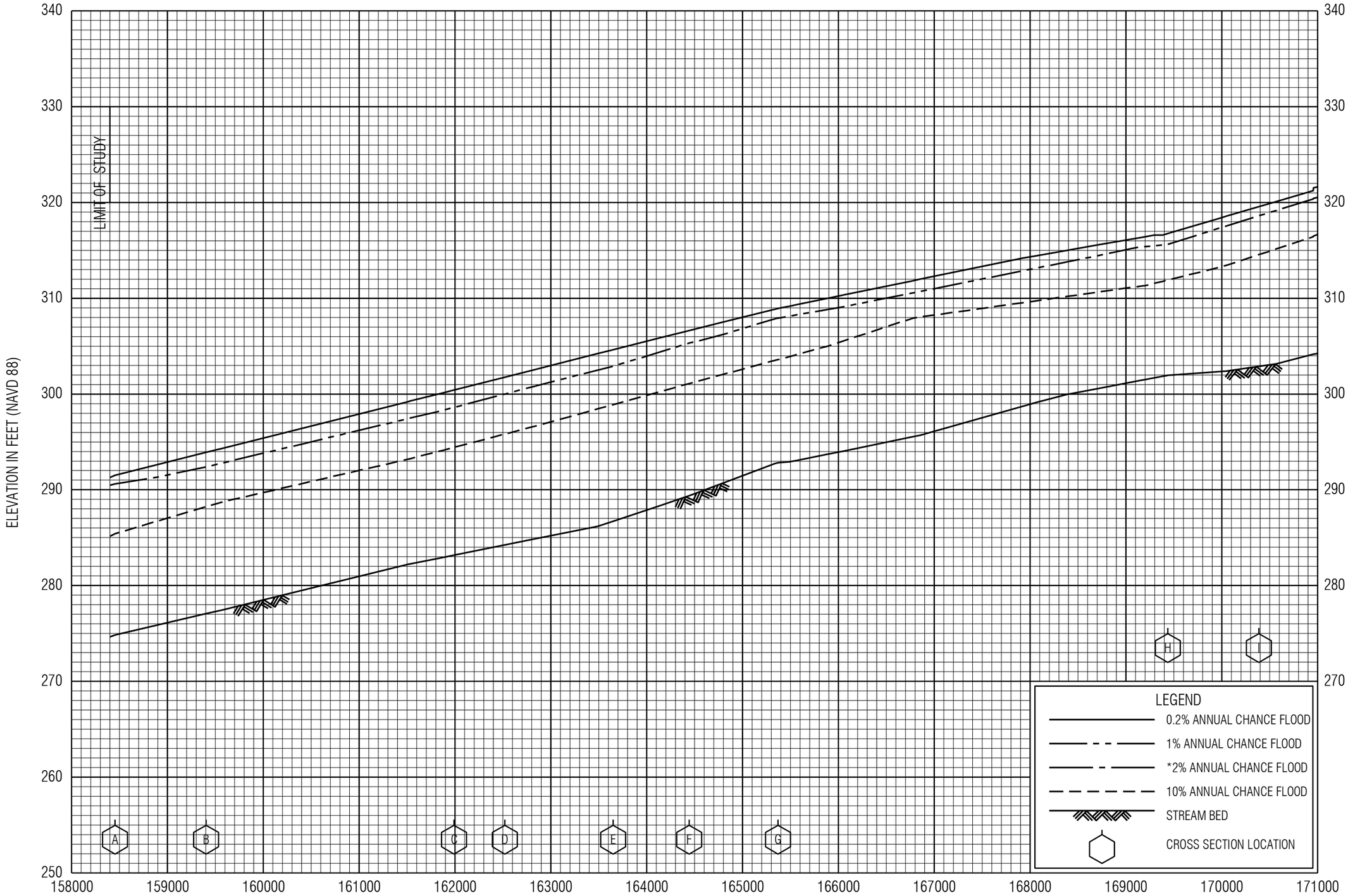
SANTA YNEZ RIVER (LOMPOC REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

227P



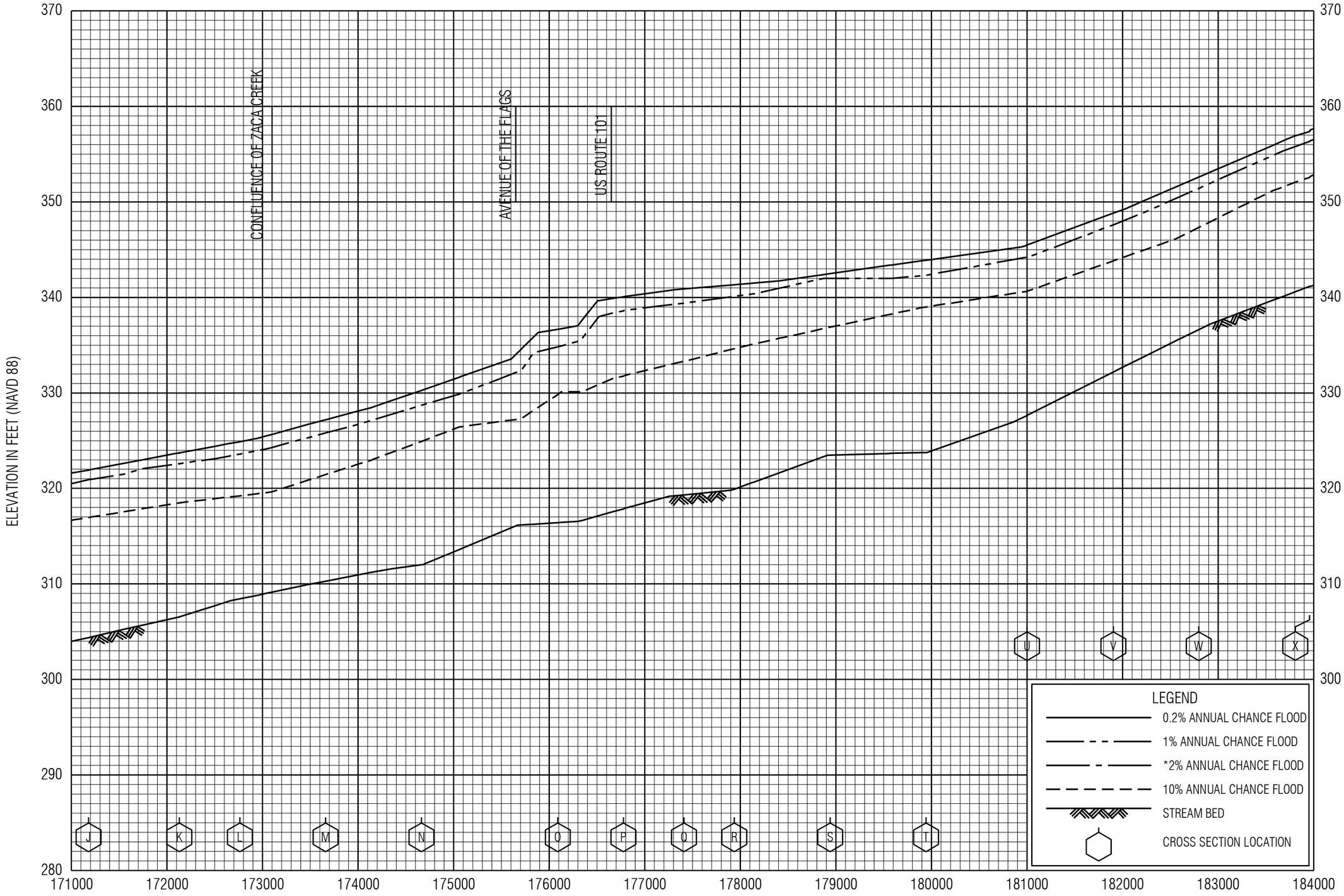
FLOOD PROFILES

SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



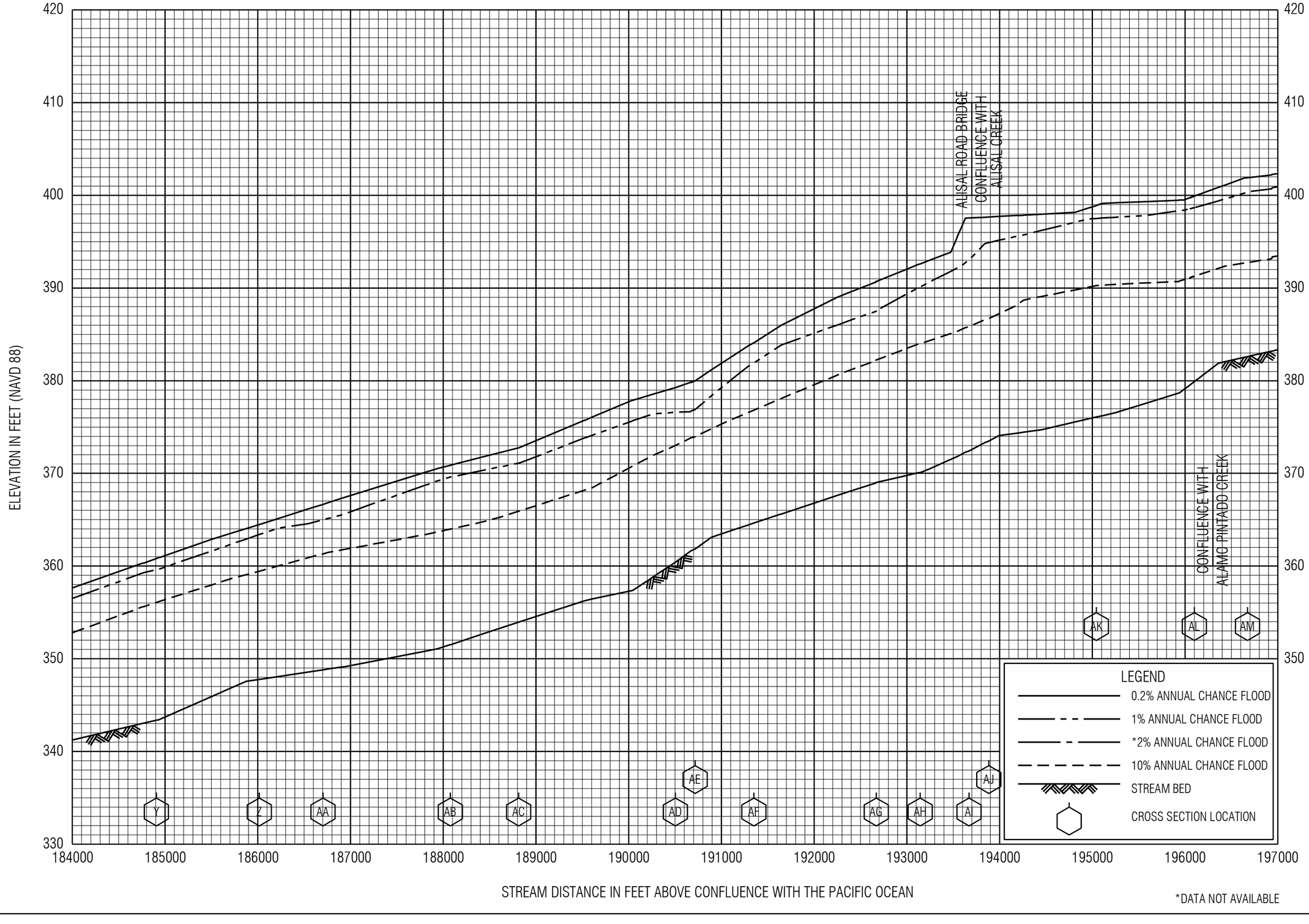
FLOOD PROFILES

SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



*DATA NOT AVAILABLE

FLOOD PROFILES

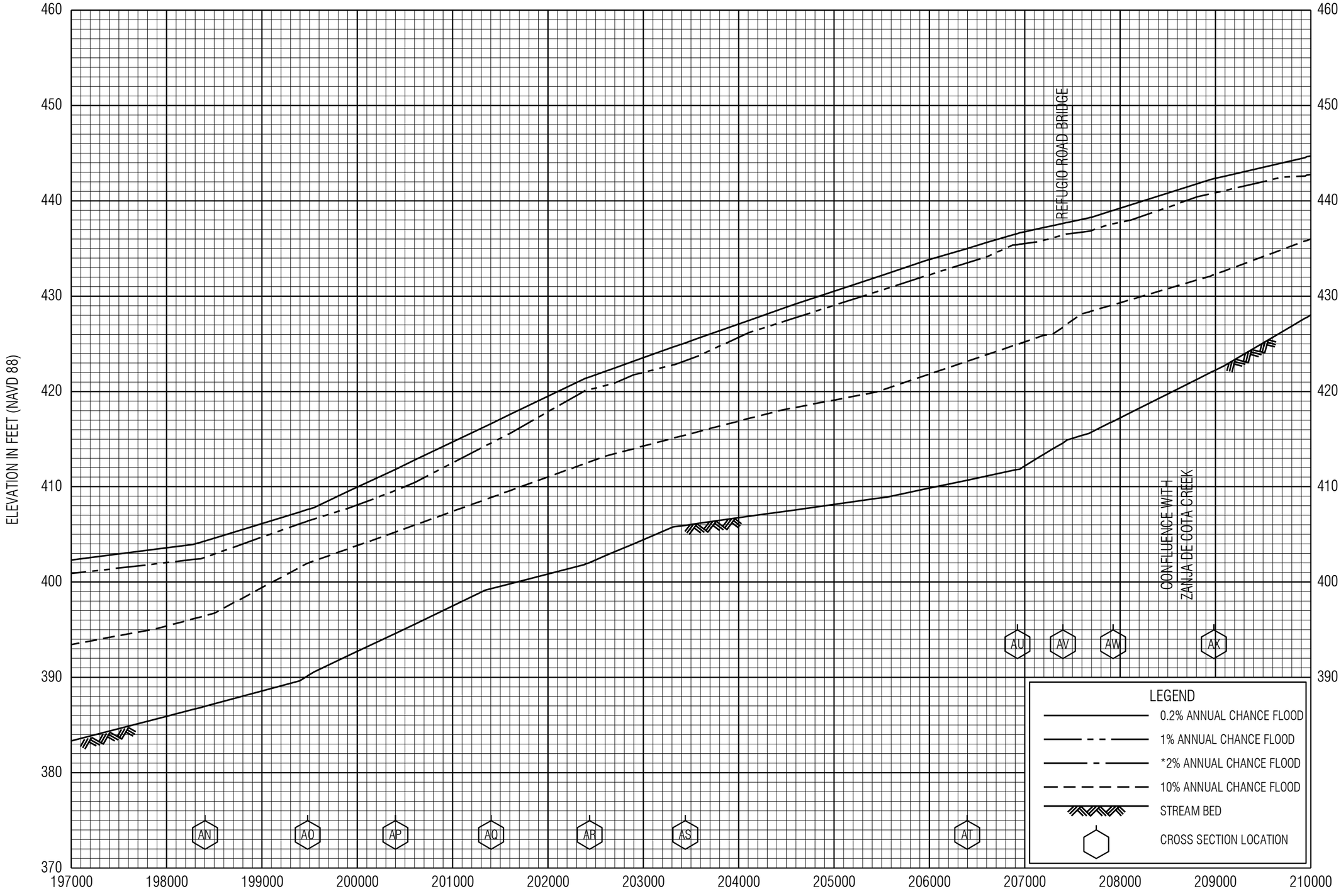
SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

230P



*DATA NOT AVAILABLE

FLOOD PROFILES

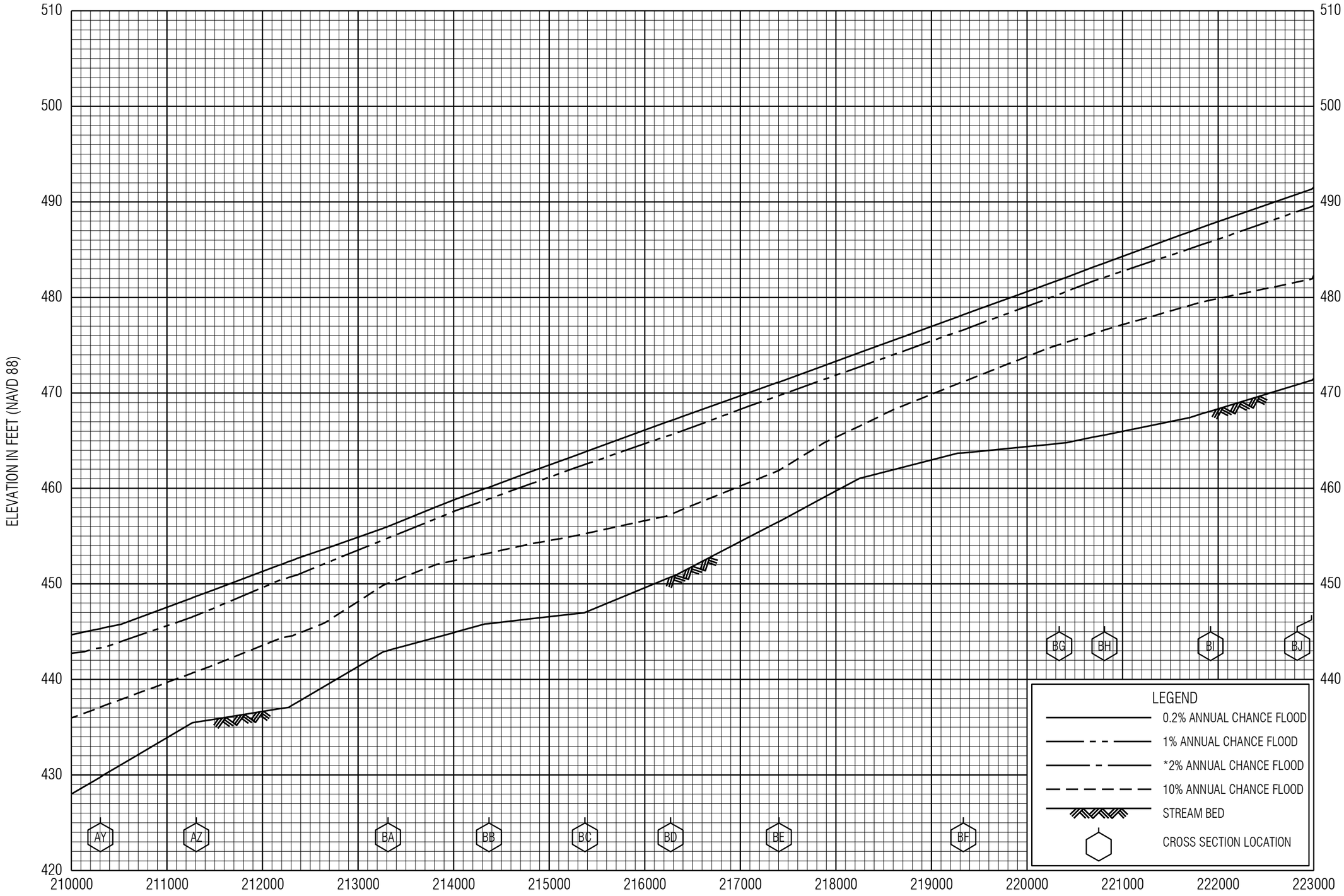
SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

230P



*DATA NOT AVAILABLE

FLOOD PROFILES

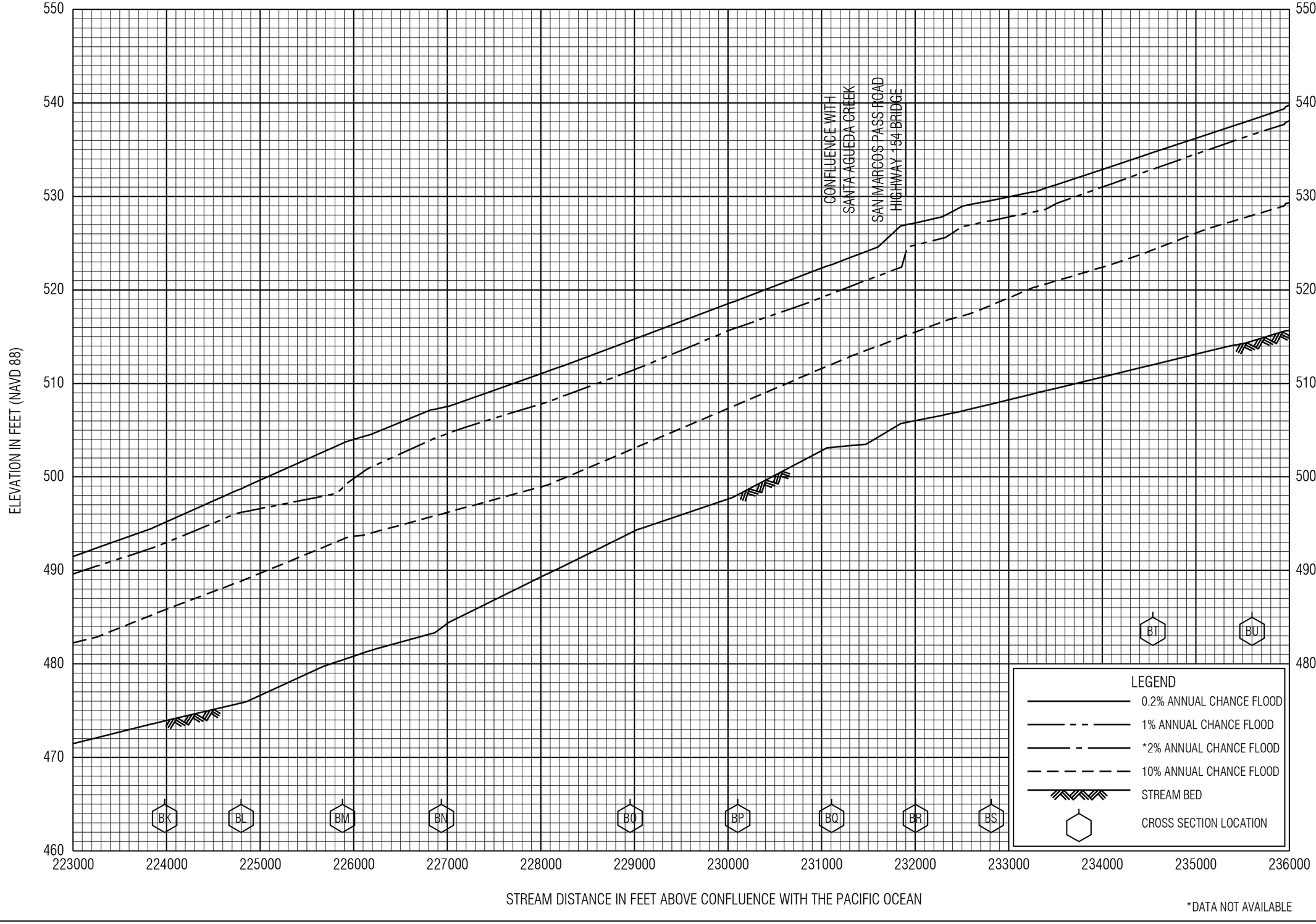
SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

232P



FLOOD PROFILES

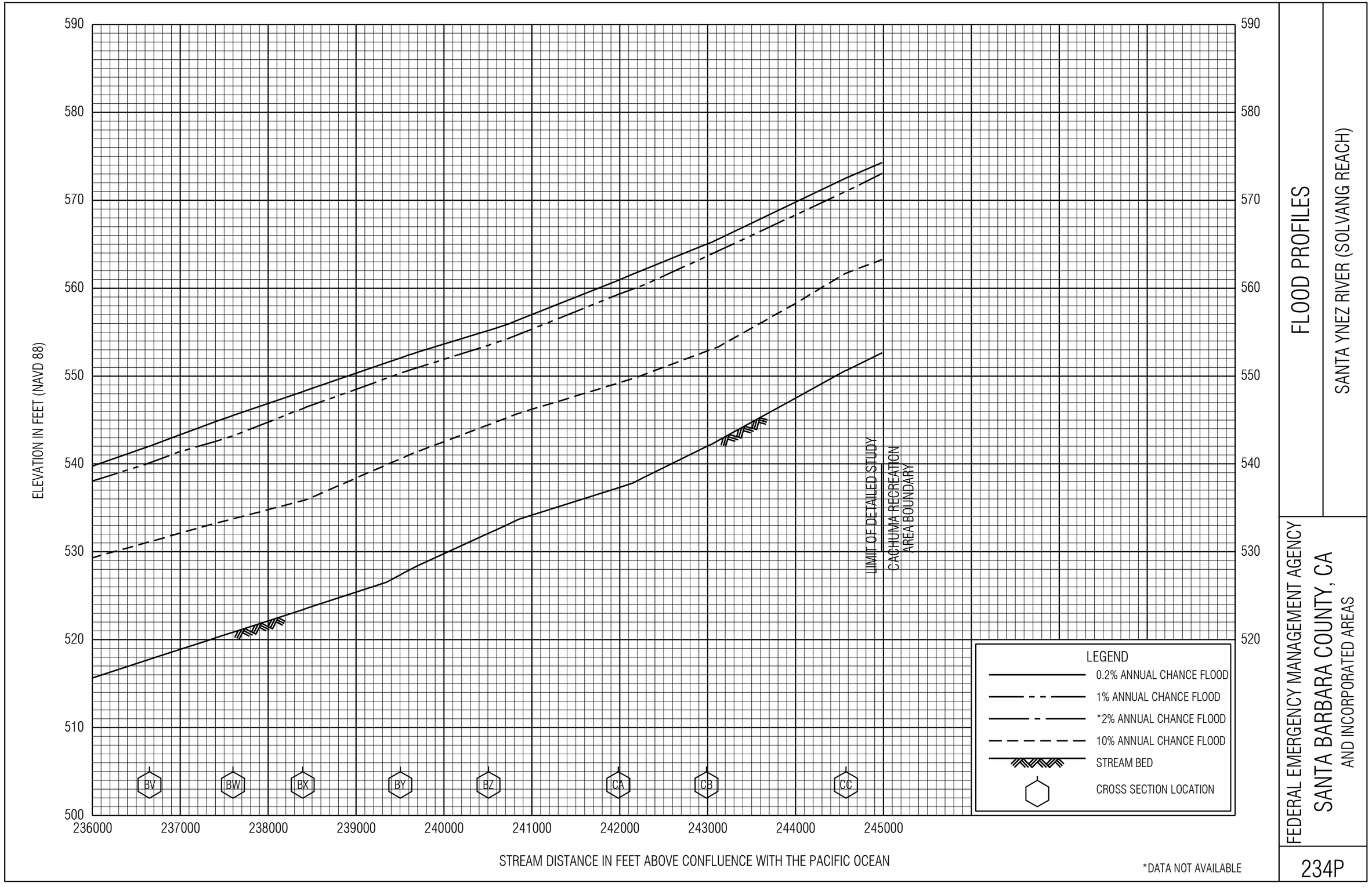
SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

233P



FLOOD PROFILES

SANTA YNEZ RIVER (SOLVANG REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

*DATA NOT AVAILABLE

ELEVATION IN FEET (NAVD 88)

60
55
50
45
40
35
30
25
20
15

200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN JOSE CREEK

A
B

LEGEND

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

* DATA NOT AVAILABLE

FLOOD PROFILES

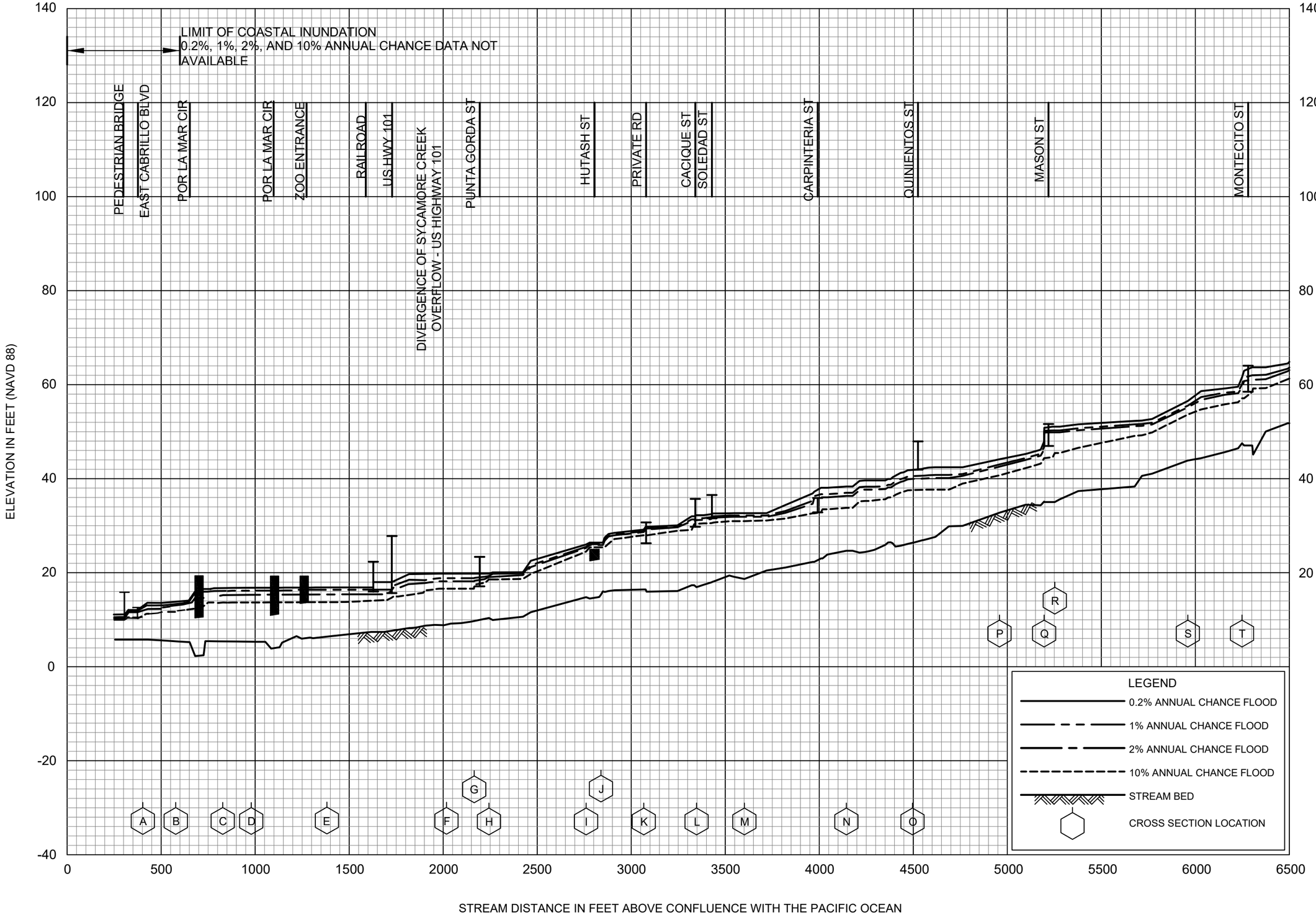
SHEET FLOW ALONG KELLOGG AVENUE

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

235P



FLOOD PROFILES

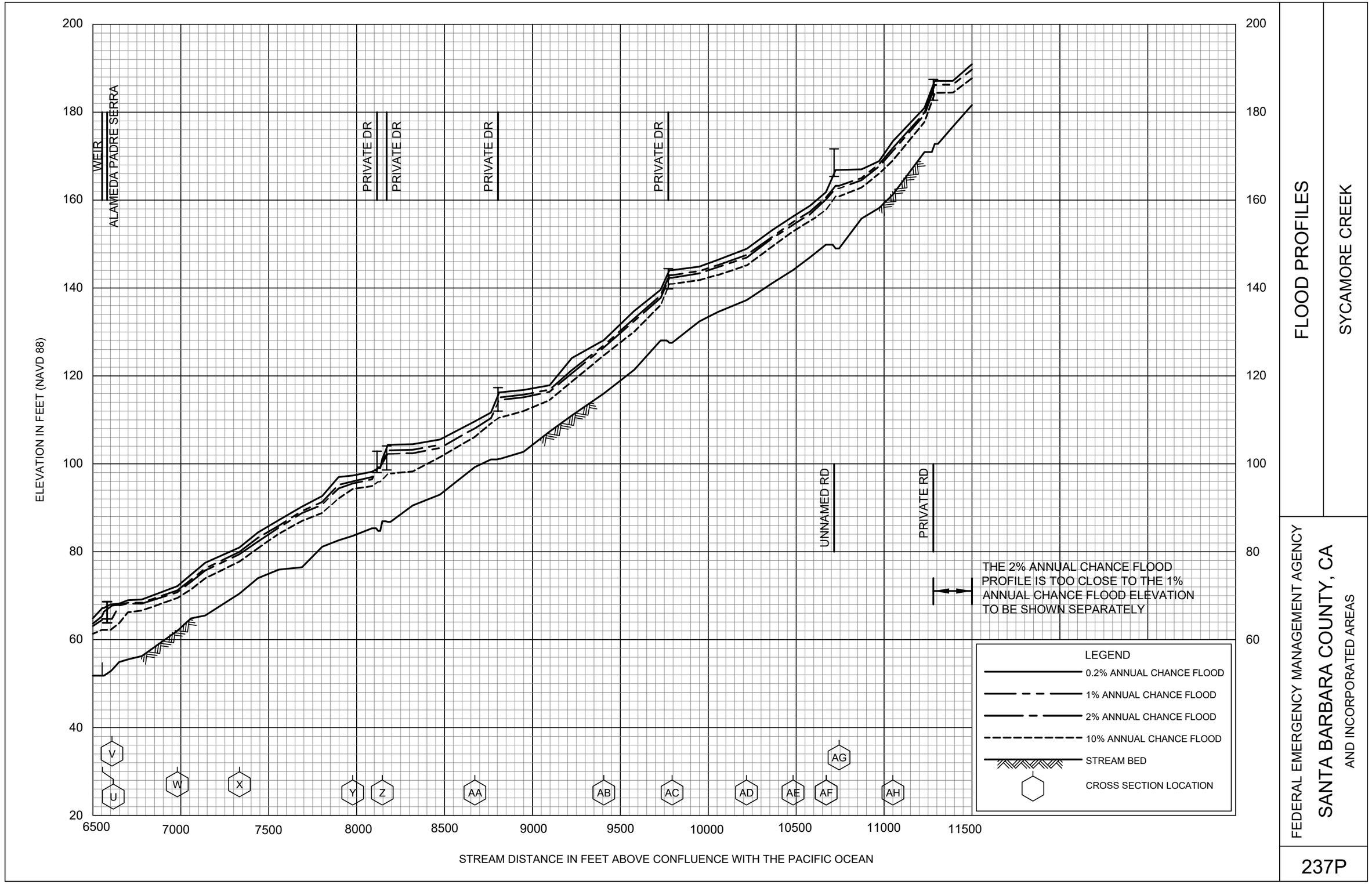
SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

236P



FLOOD PROFILES

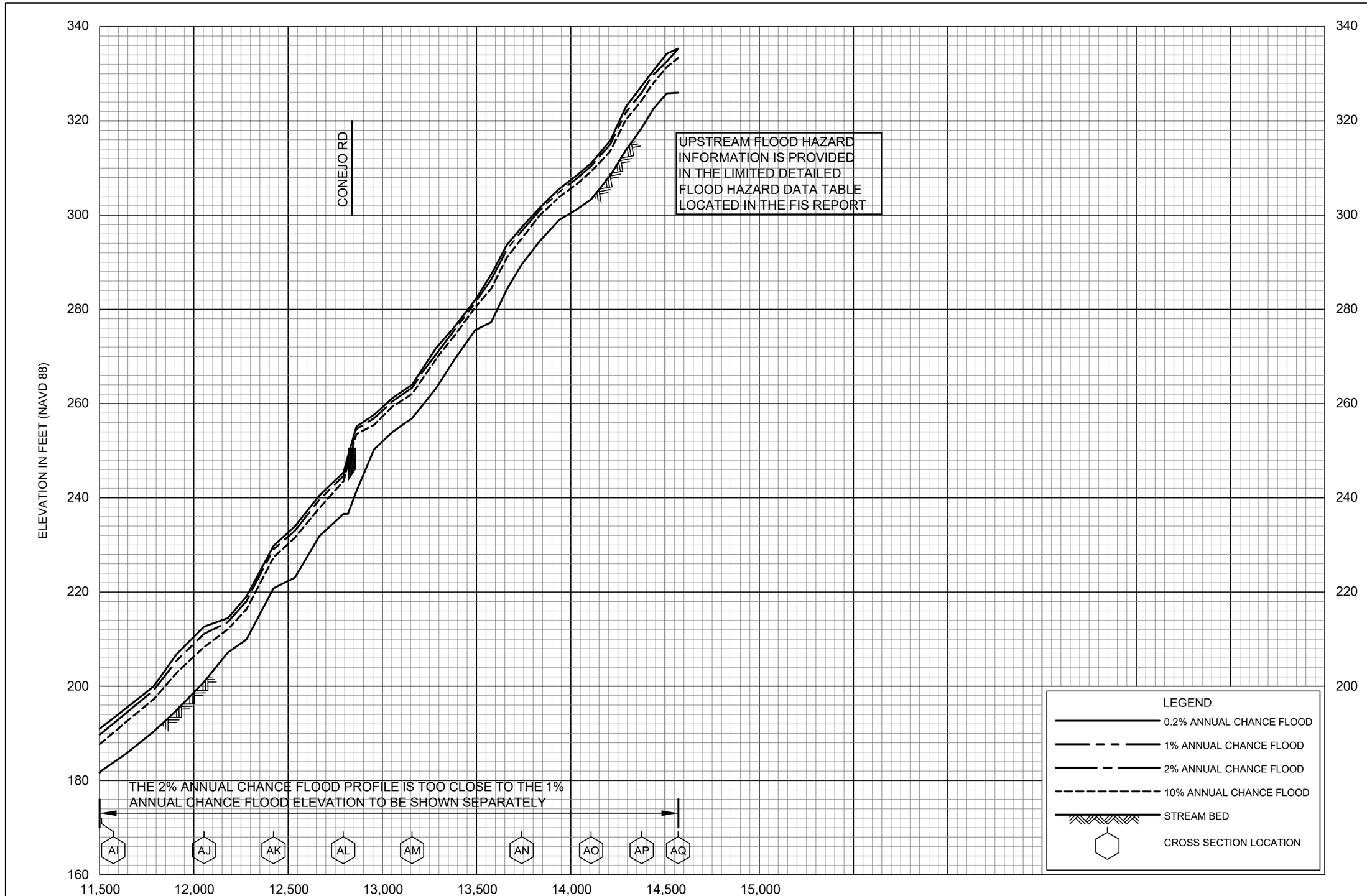
SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

237P



FLOOD PROFILES

SYCAMORE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

238P

COASTAL FLOOD EFFECTS FROM PACIFIC OCEAN

SEE FLOOD INSURANCE RATE MAP FOR BASE FLOOD ELEVATIONS AND COASTAL TRANSECT DATA TABLE FOR STILLWATER ELEVATIONS

ROAD

RAILROAD

US HIGHWAY 101

CALLE REAL

VEREDA DEL PADRE

VEREDA GALERIA

VEREDA LEYENDA

CULVERT

ELEVATION IN FEET (NAVD 88)

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH THE PACIFIC OCEAN

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

0 10 20 30 40 50 60 70 80 90

LEGEND

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

A B C D E F

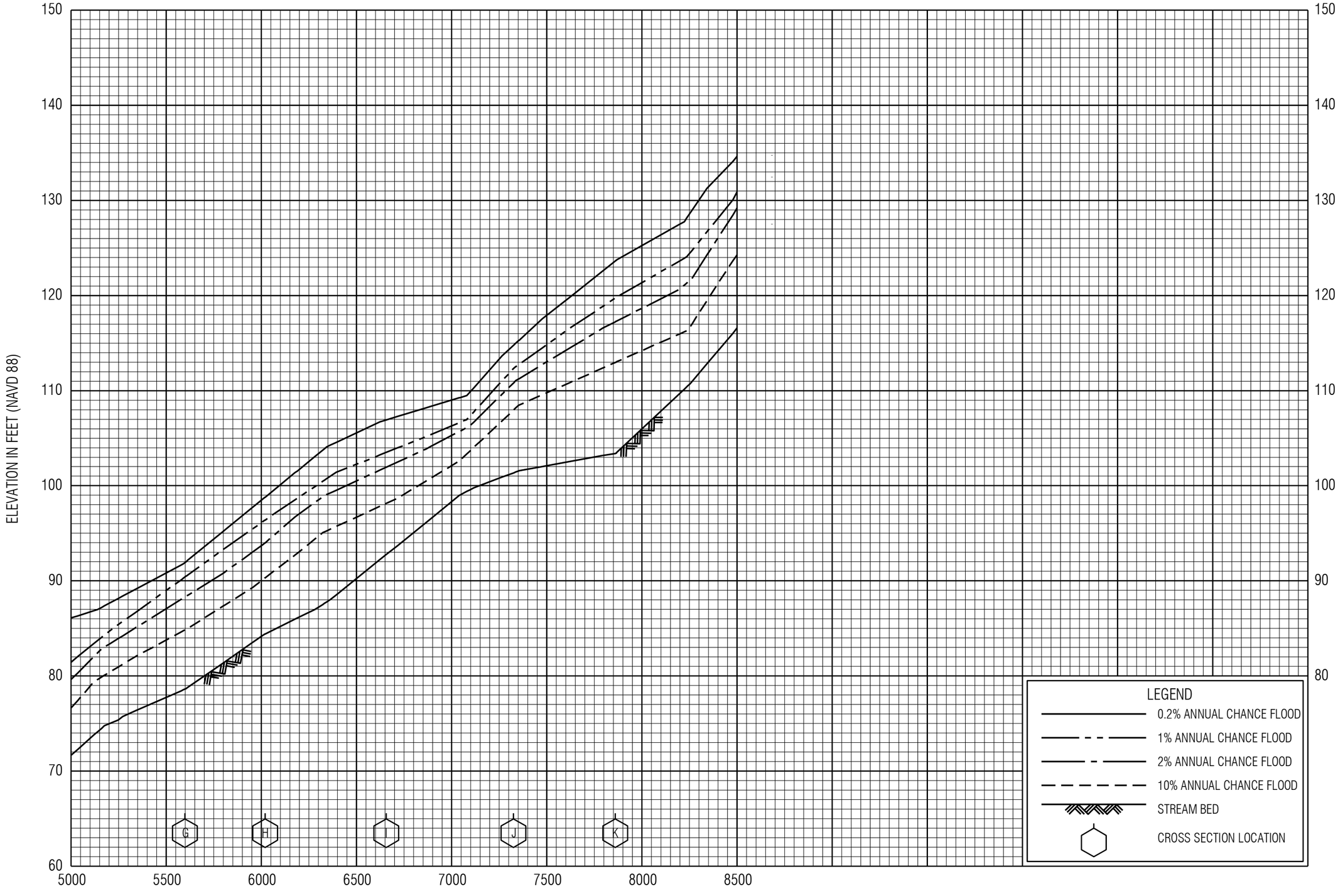
FLOOD PROFILES

TECOLOTE CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA
AND INCORPORATED AREAS

239P



FLOOD PROFILES

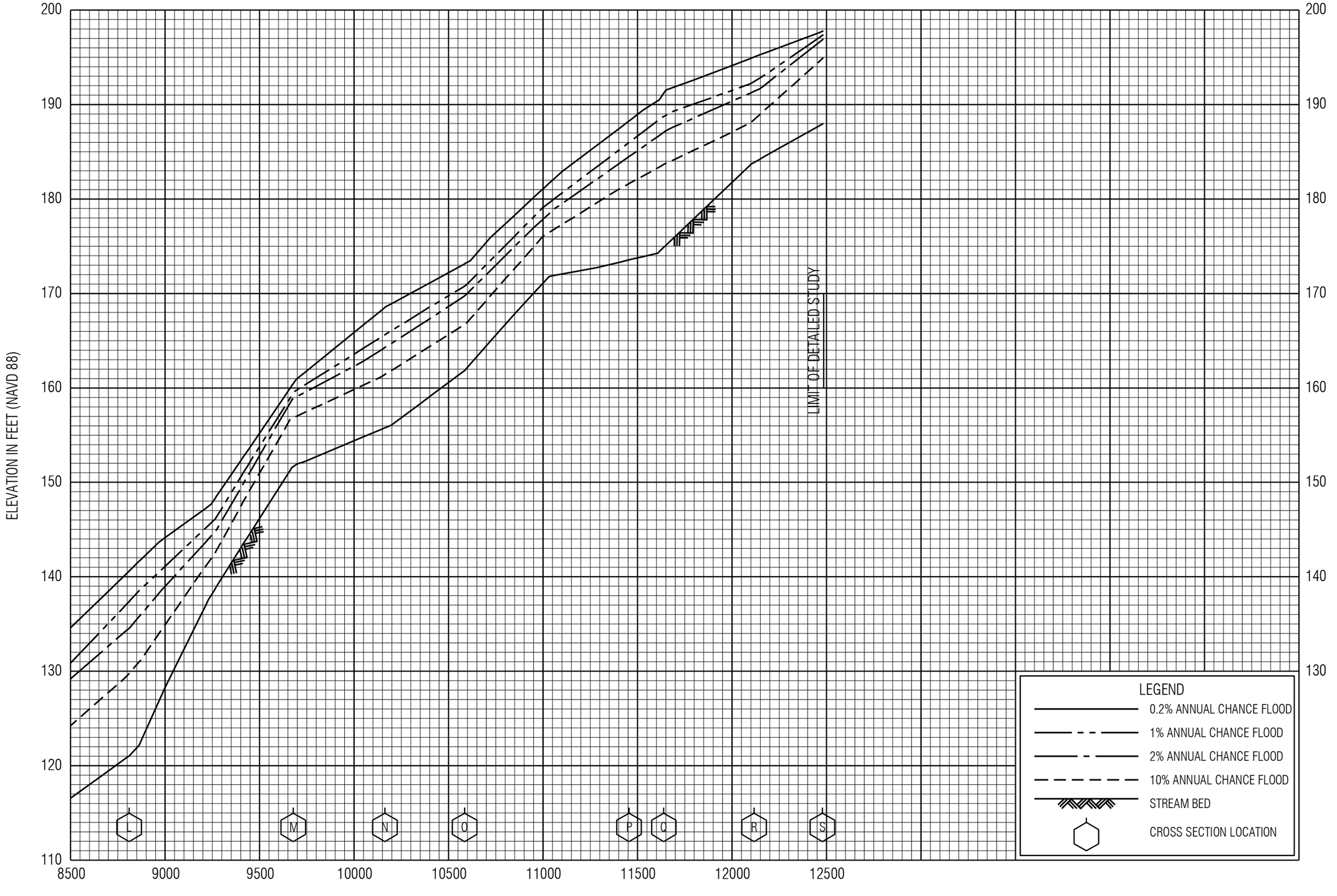
TECOLOTE CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

240P



FLOOD PROFILES

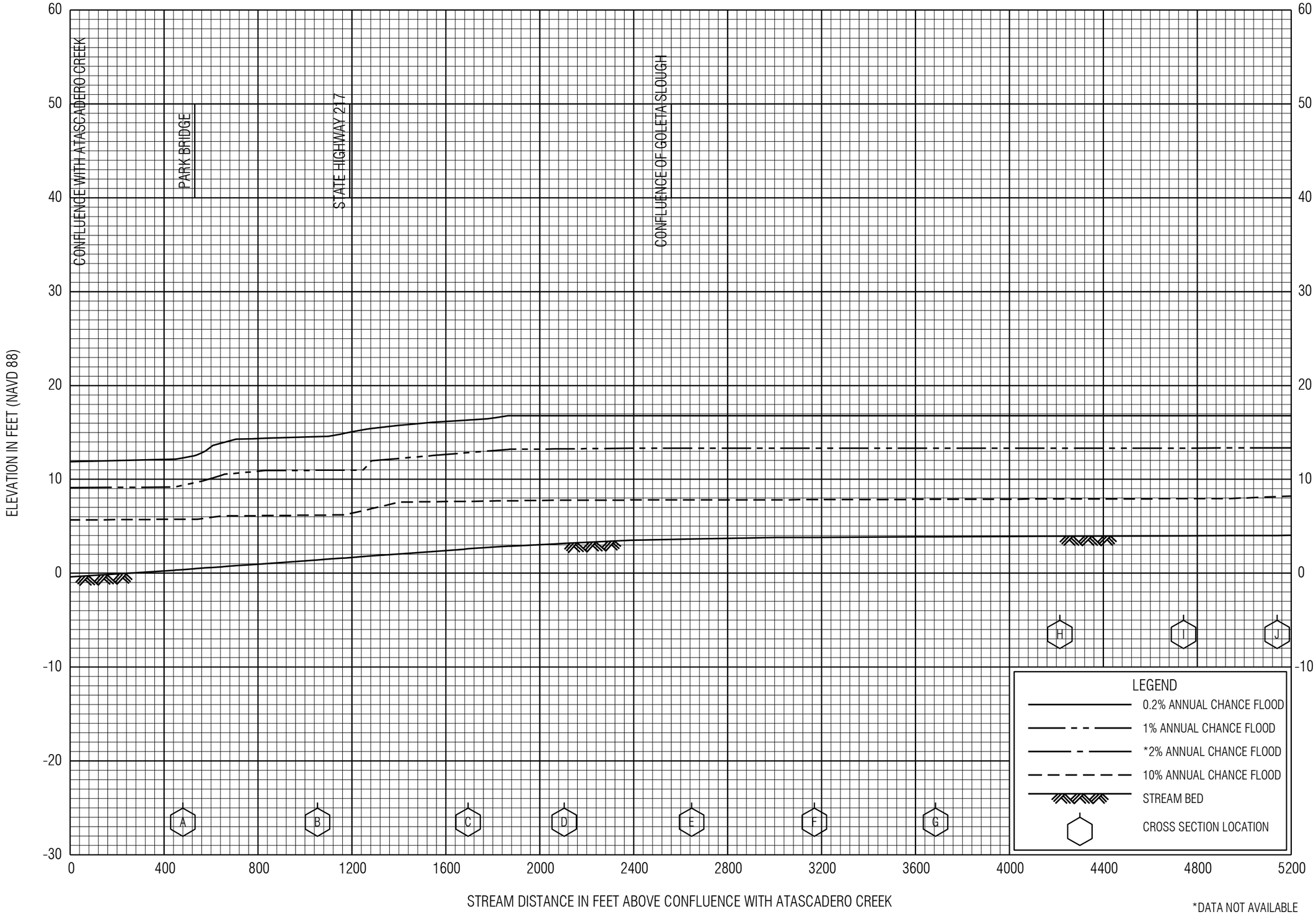
TECOLOTE CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

241P



FLOOD PROFILES

TECOLOTITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

242P

ELEVATION IN FEET (NAVD 88)

60
50
40
30
20
10
0
-10
-20
-30

GOLETA SLOUGH

5200 5600 6000 6400 6800 7200 7600 8000 8400 8800 9200 9600 10000 10400

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ATASCADERO CREEK

K L M N O P Q R S

LEGEND

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

*DATA NOT AVAILABLE

FLOOD PROFILES

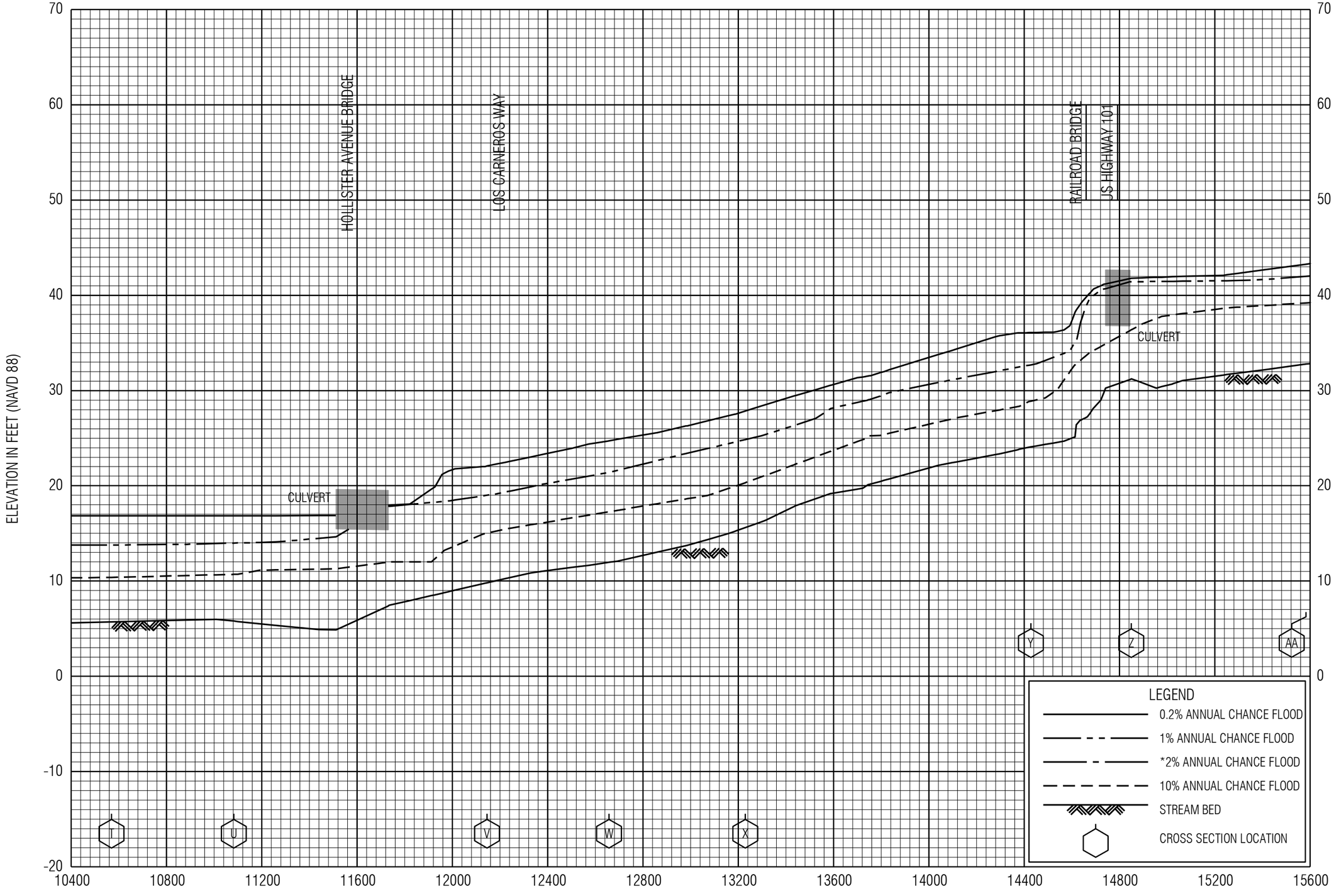
TECOLOTITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

243P



FLOOD PROFILES

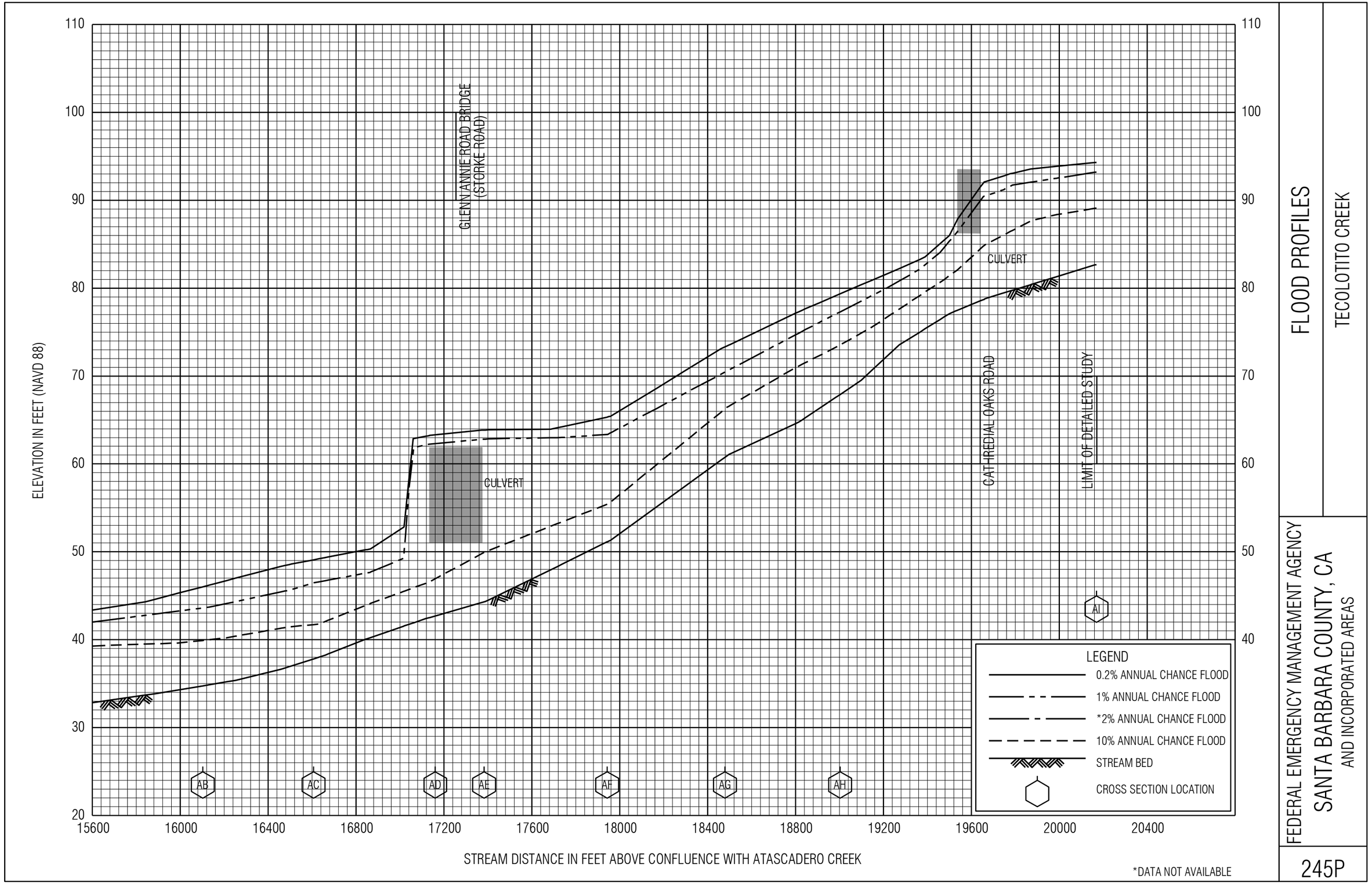
TECOLOTITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

244P



*DATA NOT AVAILABLE

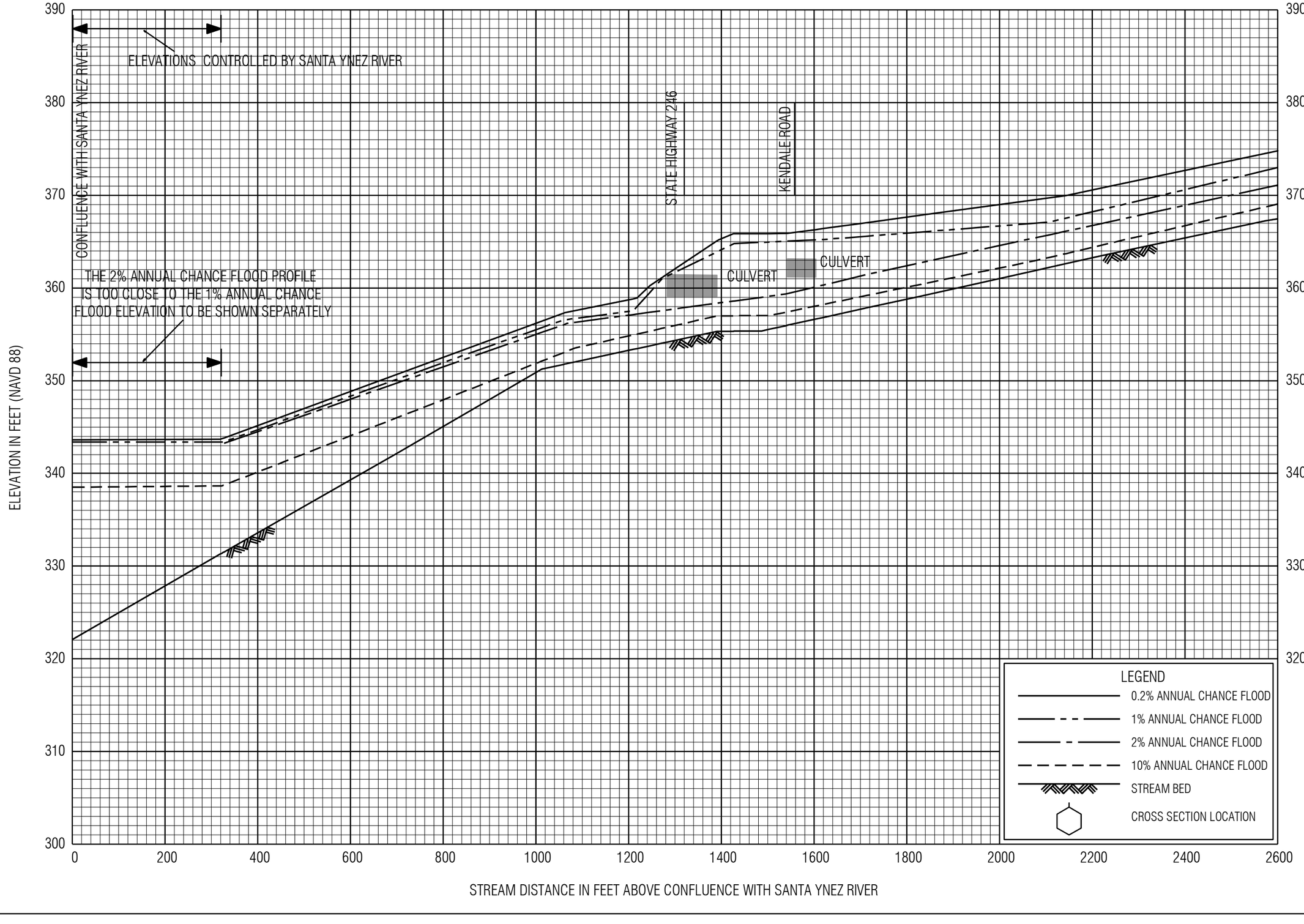
FLOOD PROFILES

TECOLOTITO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS



FLOOD PROFILES

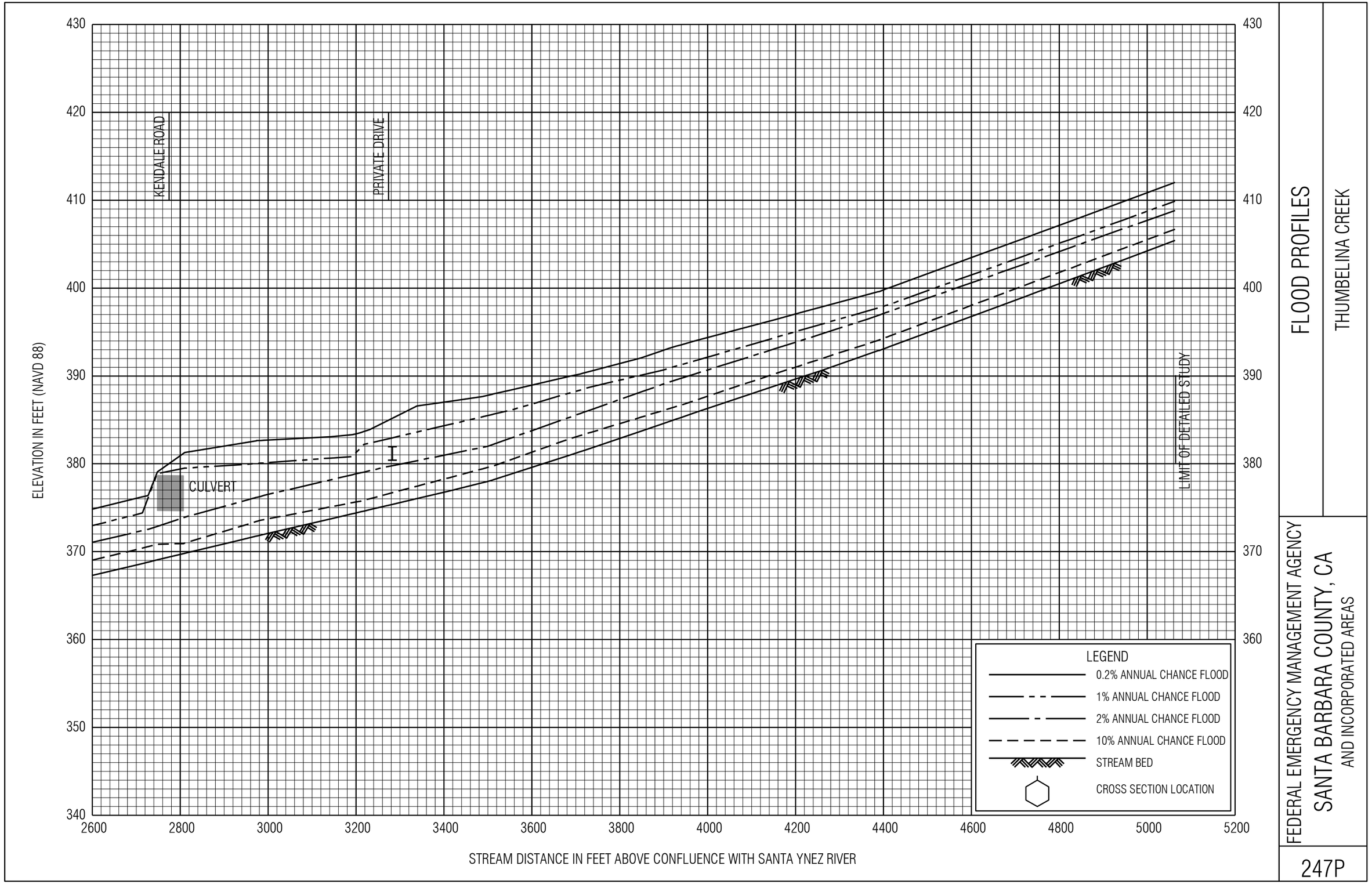
THUMBELINA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

246P



FLOOD PROFILES

THUMBELINA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA BARBARA COUNTY, CA

AND INCORPORATED AREAS

247P