# FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

**VOLUME 2 OF 2**

# BRYAN COUNTY, GEORGIA

## AND INCORPORATED AREAS

| COMMUNITY NAME | COMMUNITY NUMBER |
|---|---|
| BRYAN COUNTY, UNINCORPORATED AREAS | 130016 |
| PEMBROKE, CITY OF | 130017 |
| RICHMOND HILL, CITY OF | 130018 |

FEMA

**EFFECTIVE:**

PRELIMINARY
1/15/2016

FLOOD INSURANCE STUDY NUMBER
**13029CV002C**

Version Number 2.3.2.1

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**Volume 2**
Exhibits


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| Miles Branch | 08-10 P |
| Mill Creek | 11-12 P |
| Ogeechee River | 13-21 P |
| Sterling Creek 1 | 22-23 P |
| Sterling Creek 2 | 24-27 P |
| Tivoli River | 28 P |
| Tributary 1 to Elbow Swamp | 29 P |
| Tributary 2 to Elbow Swamp | 30 P |
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Volume 2
Exhibits


| Transect Profiles | Panel |
|---|---|
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| Transect 5 | 18-20 P |
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| Transect 9 | 30-34 P |
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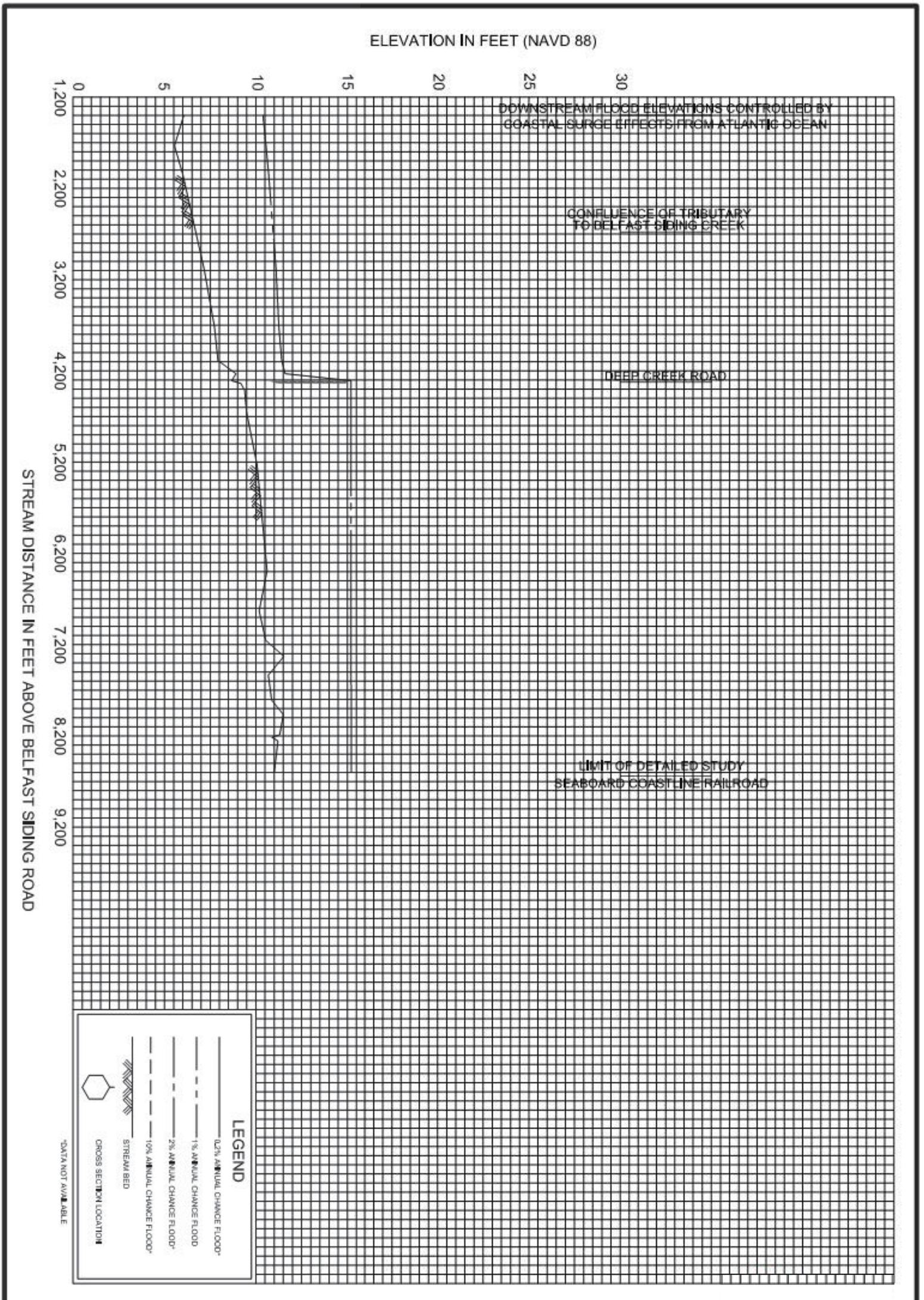
**Published Separately**

Flood Insurance Rate Map (FIRM)




01P

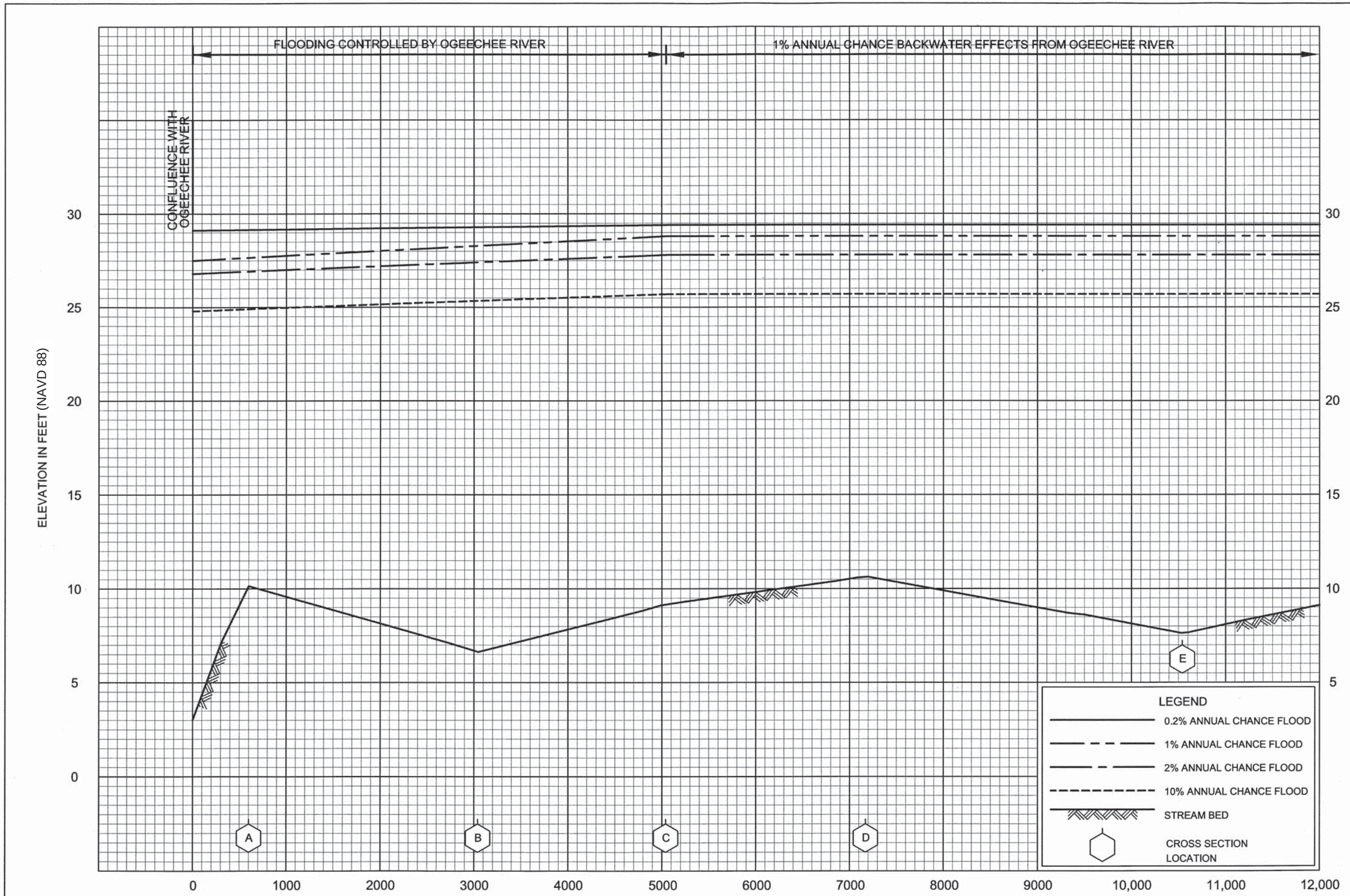
FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GEORGIA

AND INCORPORATED AREAS

# FLOOD PROFILES

## BELFAST SIDING CREEK




FLOOD PROFILES

BLACK CREEK

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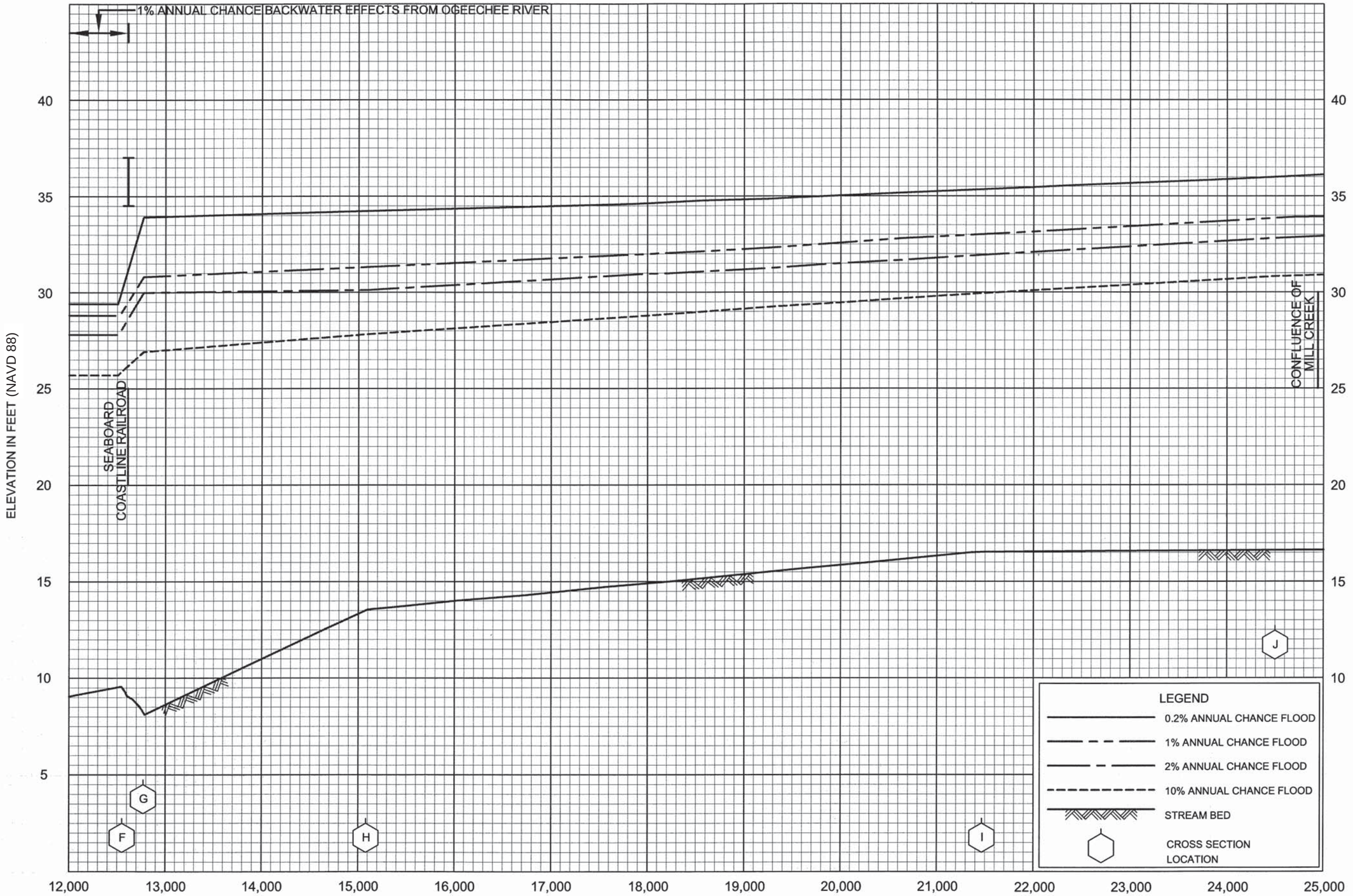
BRYAN COUNTY, GA

AND INCORPORATED AREAS

02P




FLOOD PROFILES

BLACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

03P

ELEVATION IN FEET (NAVD 88)

40
35
30
25
20
15

K
L
M
N

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

25,000 26,000 27,000 28,000 29,000 30,000 31,000 32,000 33,000 34,000 35,000 36,000 37,000 38,000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH OGEECHEE RIVER

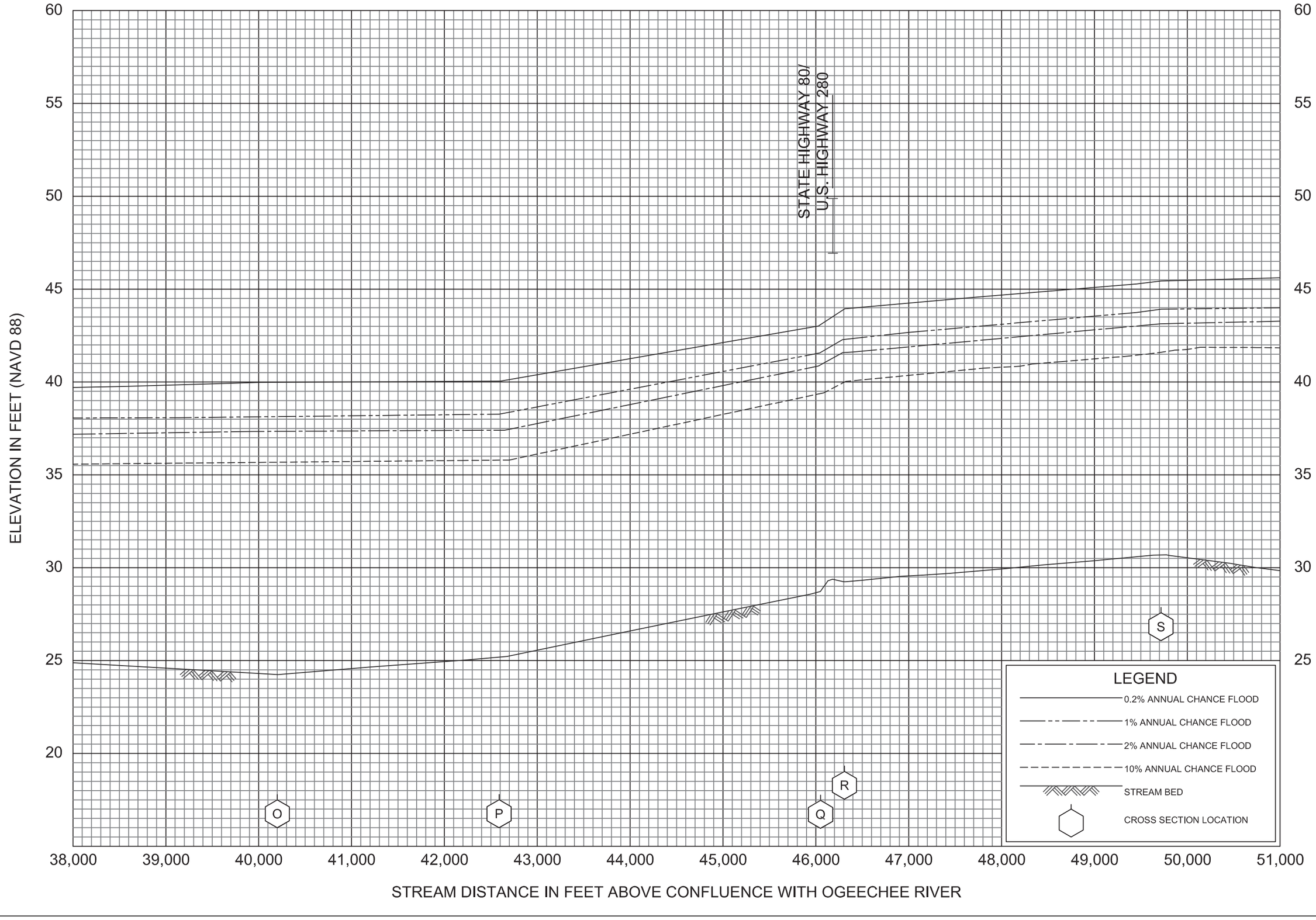
FLOOD PROFILES

BLACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS



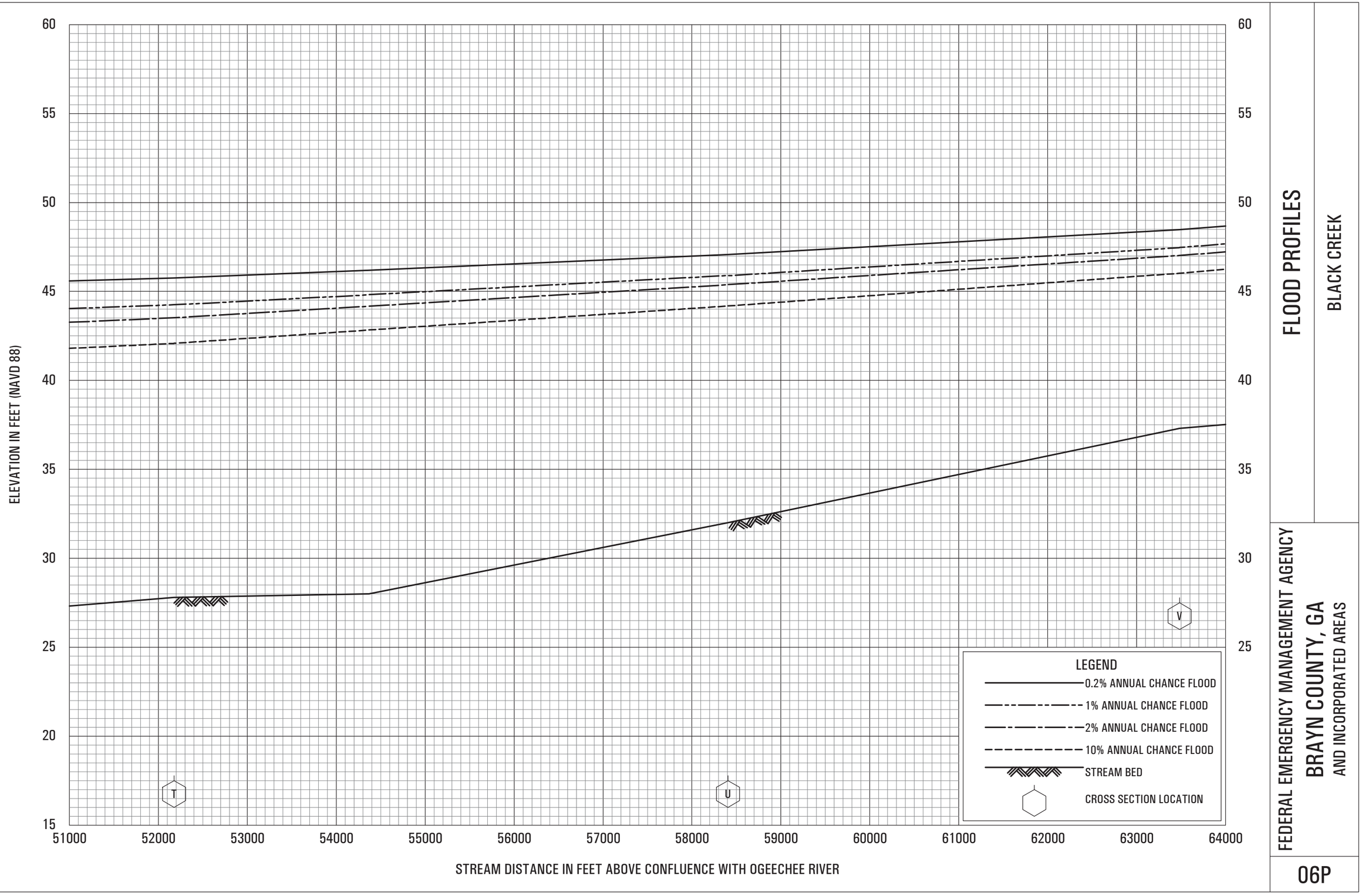

# FLOOD PROFILES

## BLACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAYN COUNTY, GA
AND INCORPORATED AREAS

05P




FLOOD PROFILES

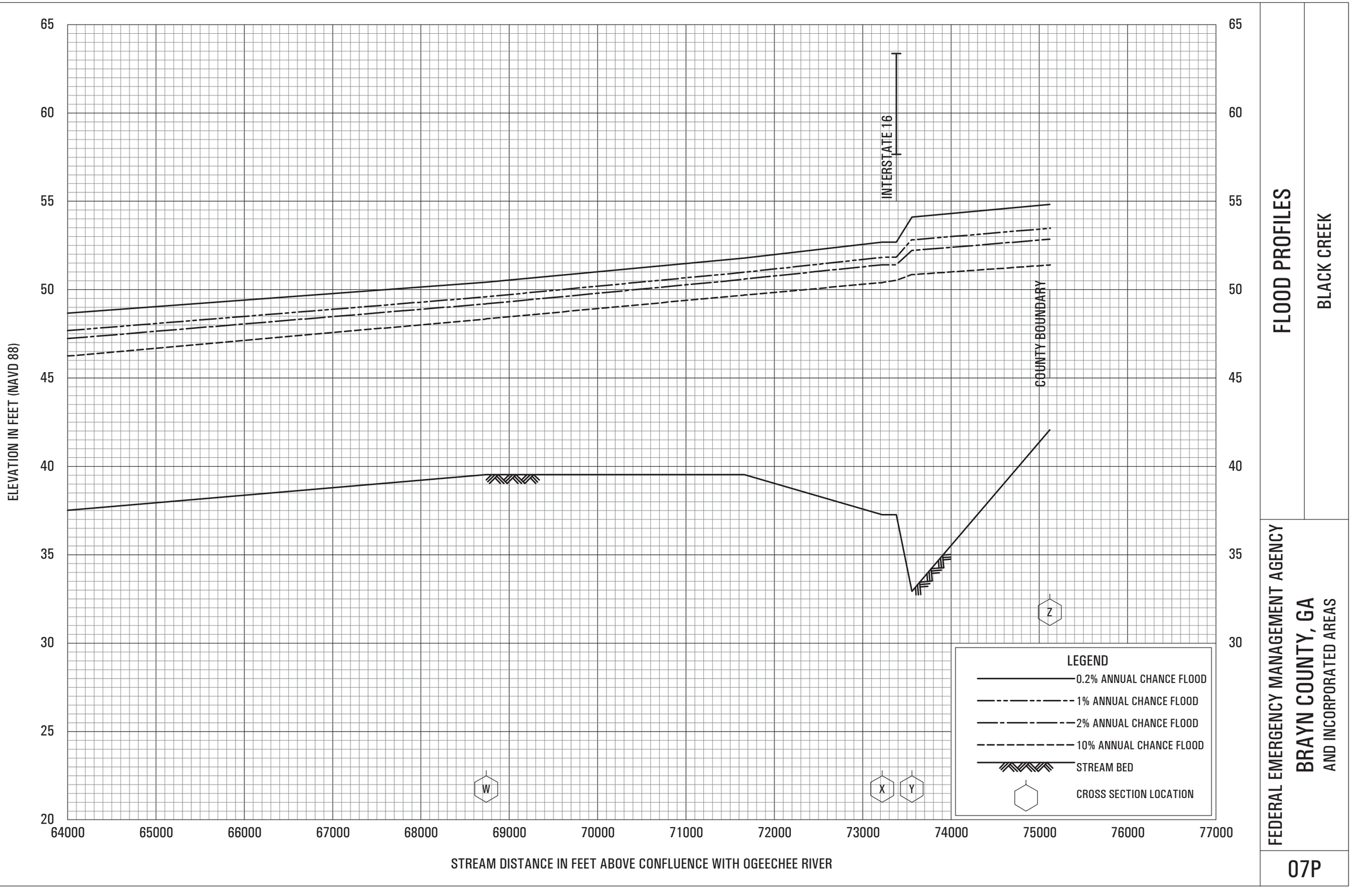
BLACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAYN COUNTY, GA

AND INCORPORATED AREAS

06P




# FLOOD PROFILES

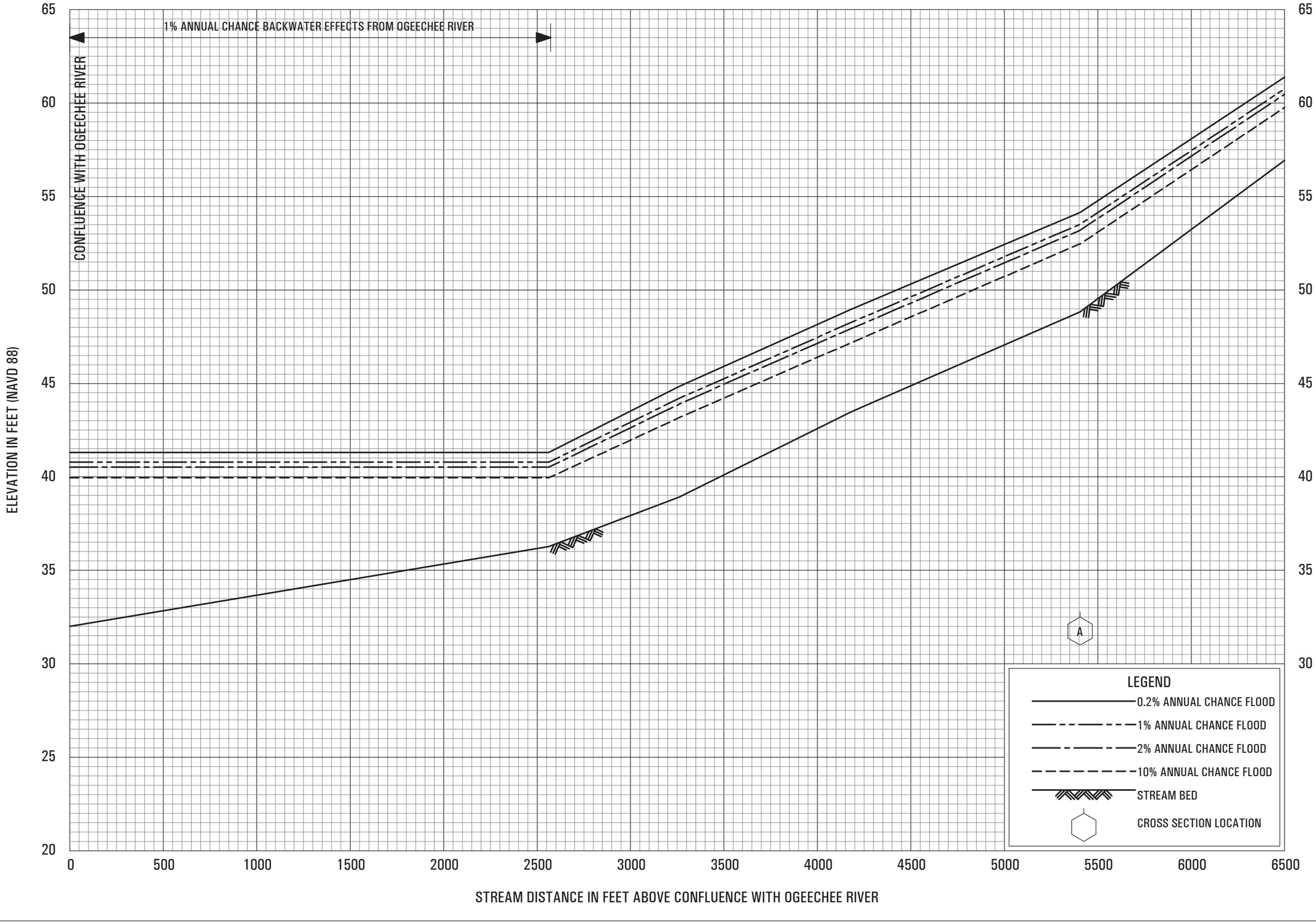
## BLACK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAYN COUNTY, GA

AND INCORPORATED AREAS

07P




# FLOOD PROFILES

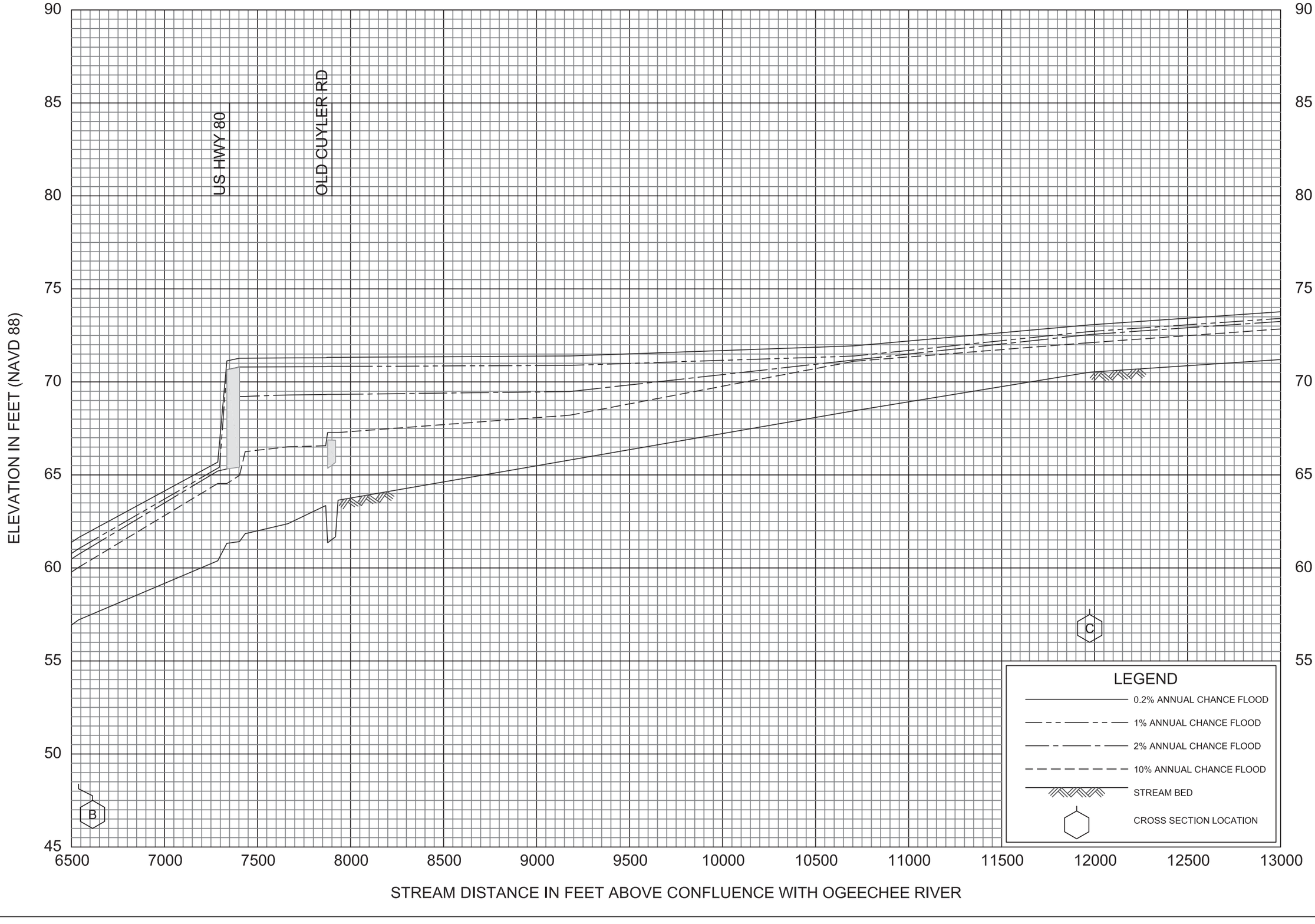
MILES BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

08P




FLOOD PROFILES

MILES BRANCH

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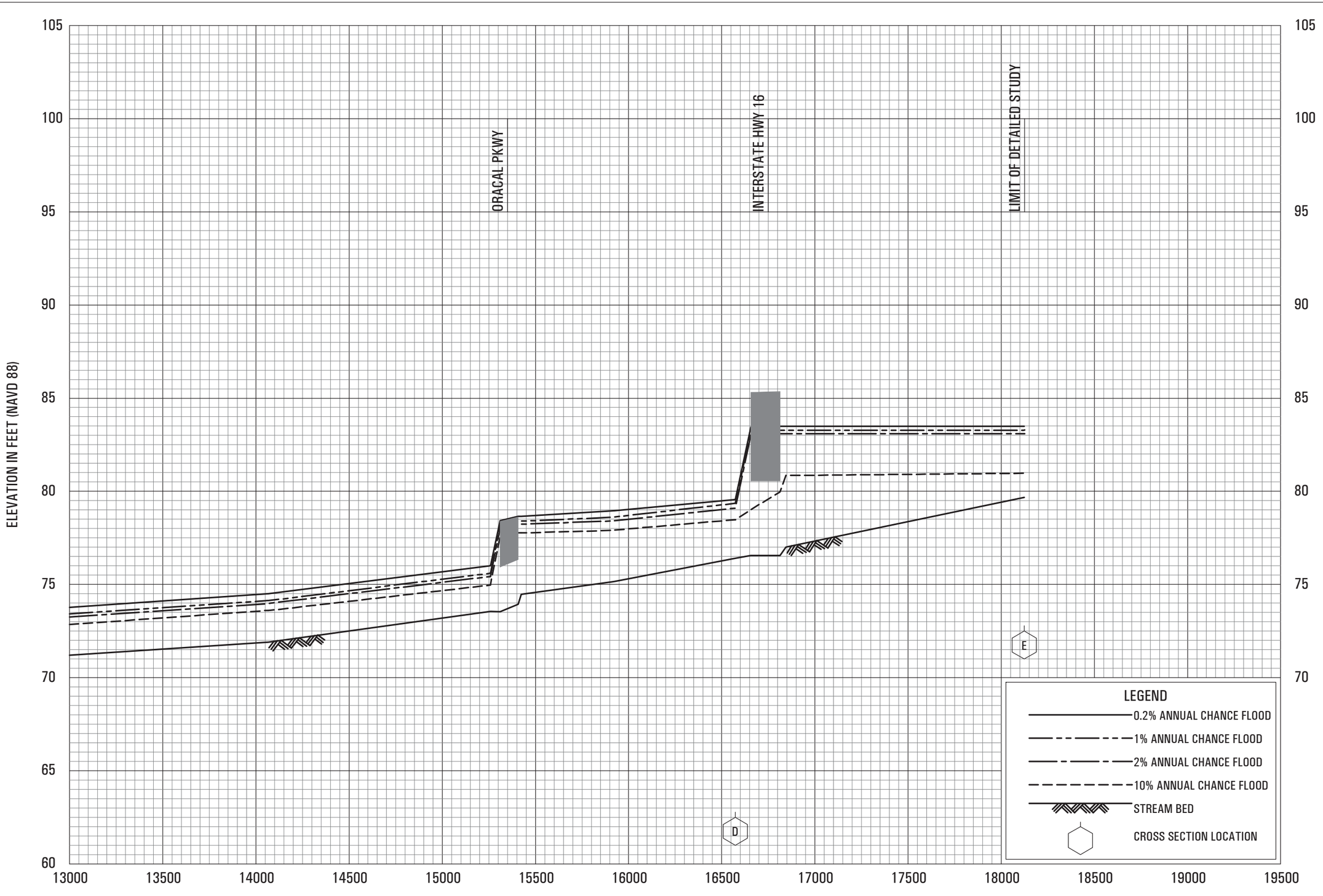
09P




# FLOOD PROFILES

MILES BRANCH

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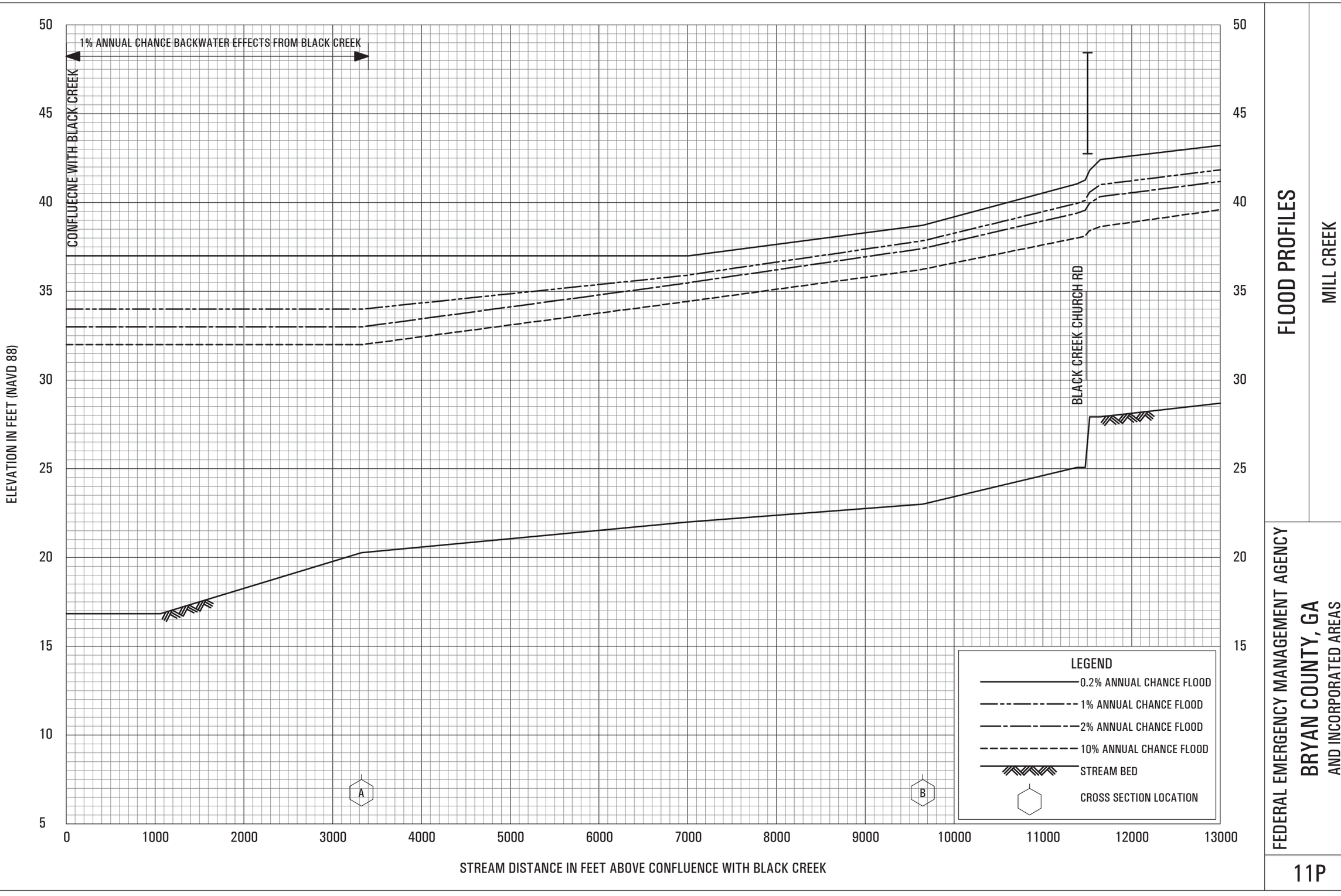
10P




# FLOOD PROFILES

## MILL CREEK

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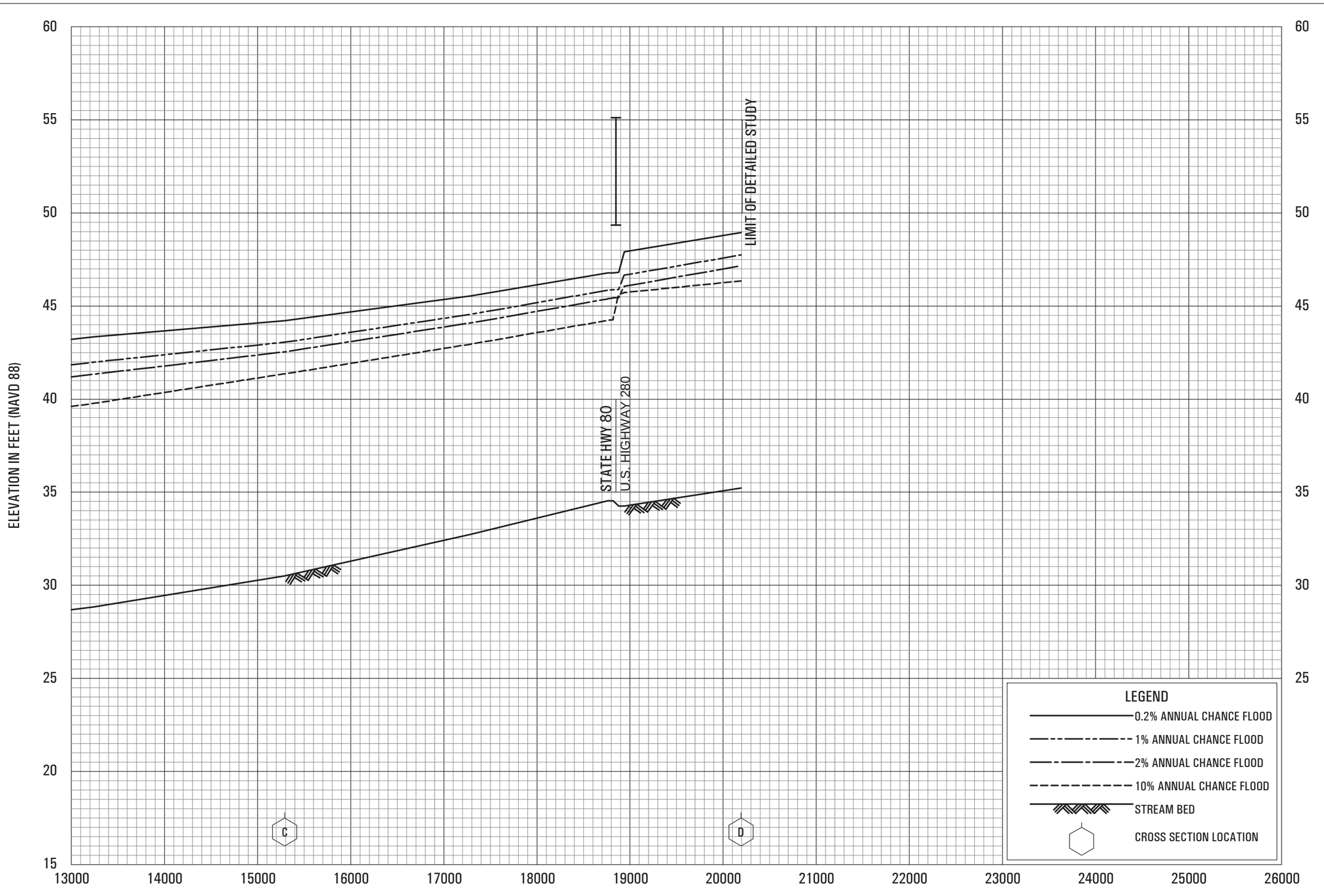


# FLOOD PROFILES

MILL CREEK

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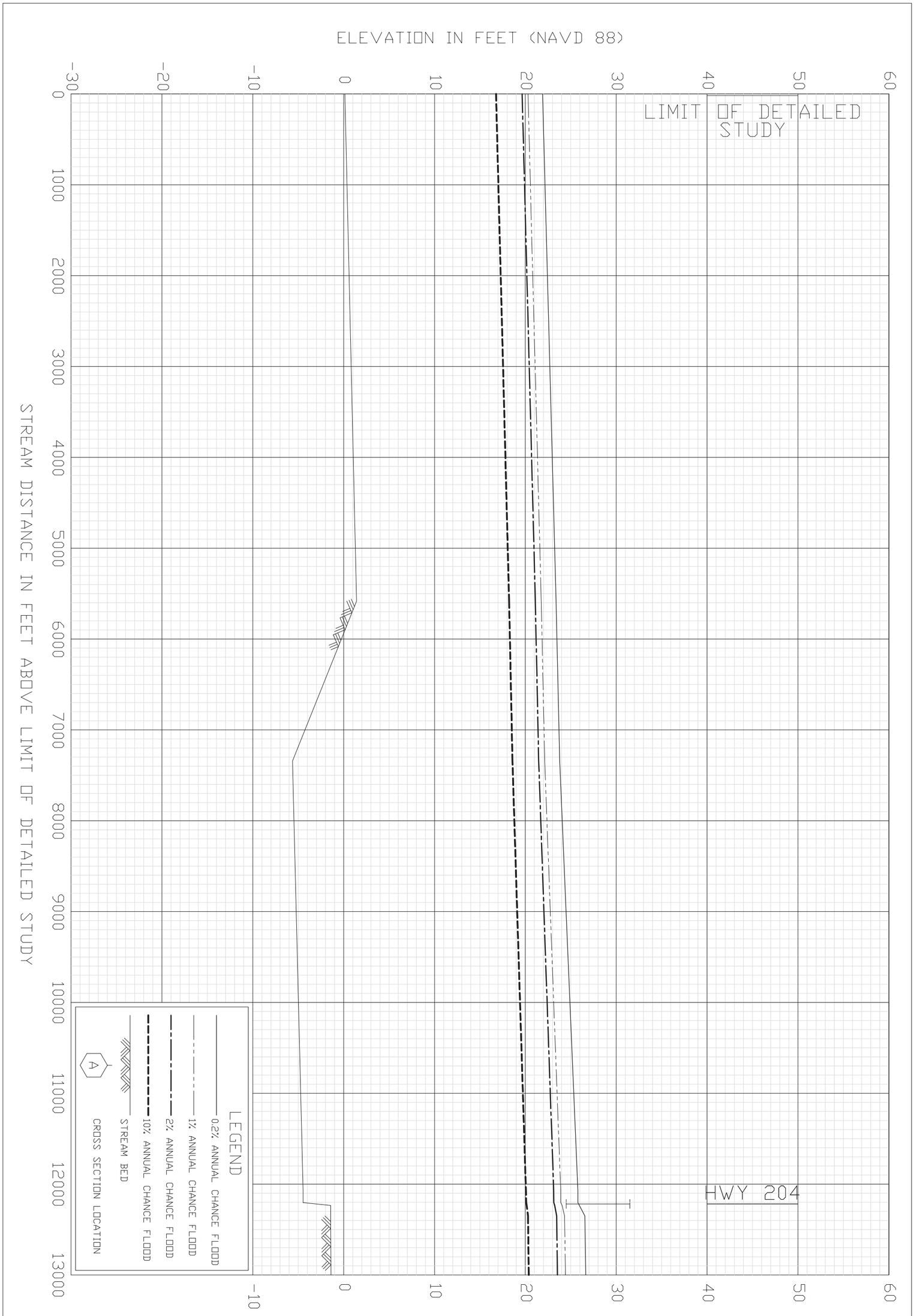
AND INCORPORATED AREAS

12P

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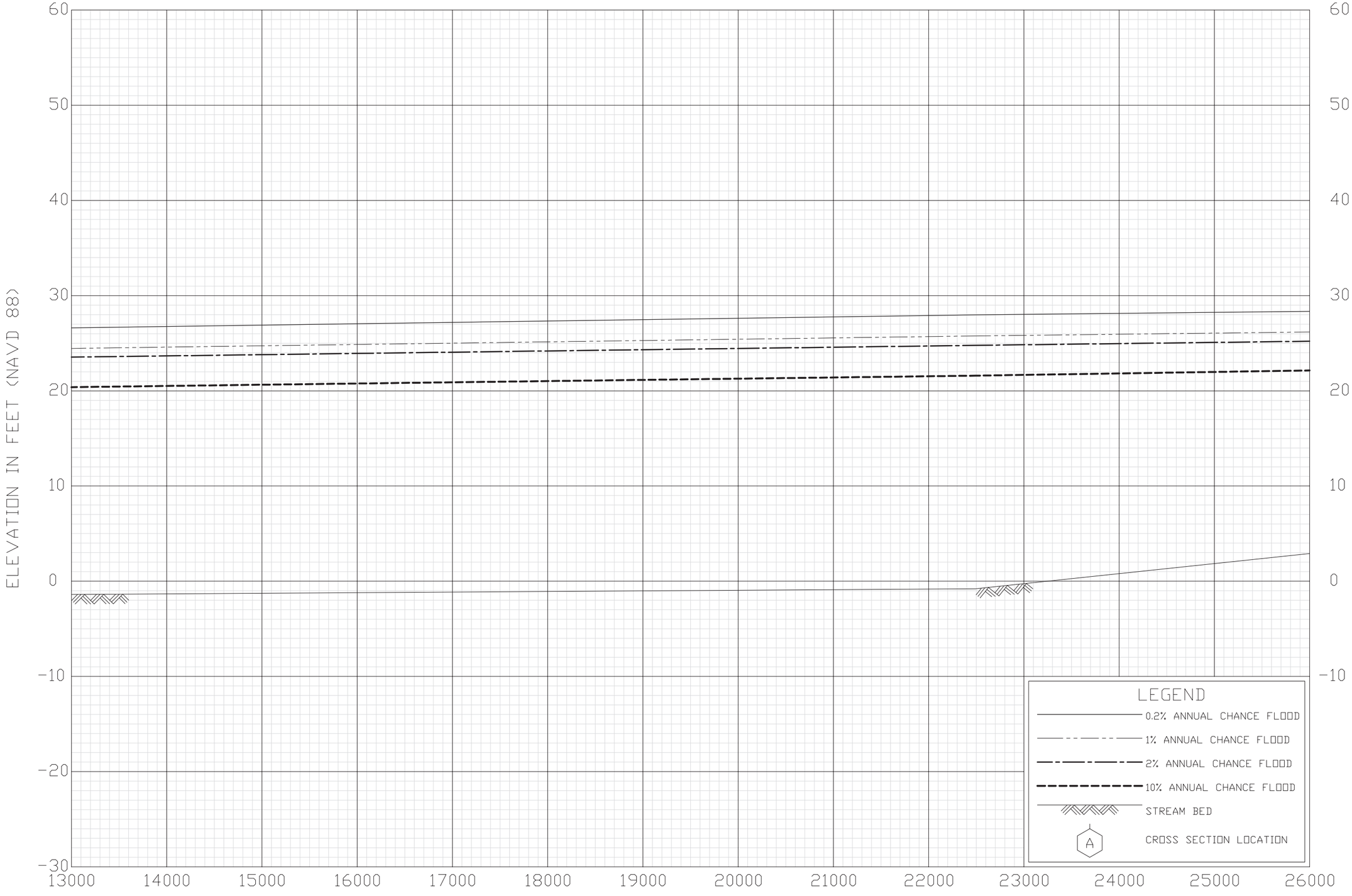
BRYAN COUNTY, GA

AND INCORPORATED AREAS

FLOOD PROFILES

OGEECHEE RIVER




# FLOOD PROFILES

OGEECHEE RIVER

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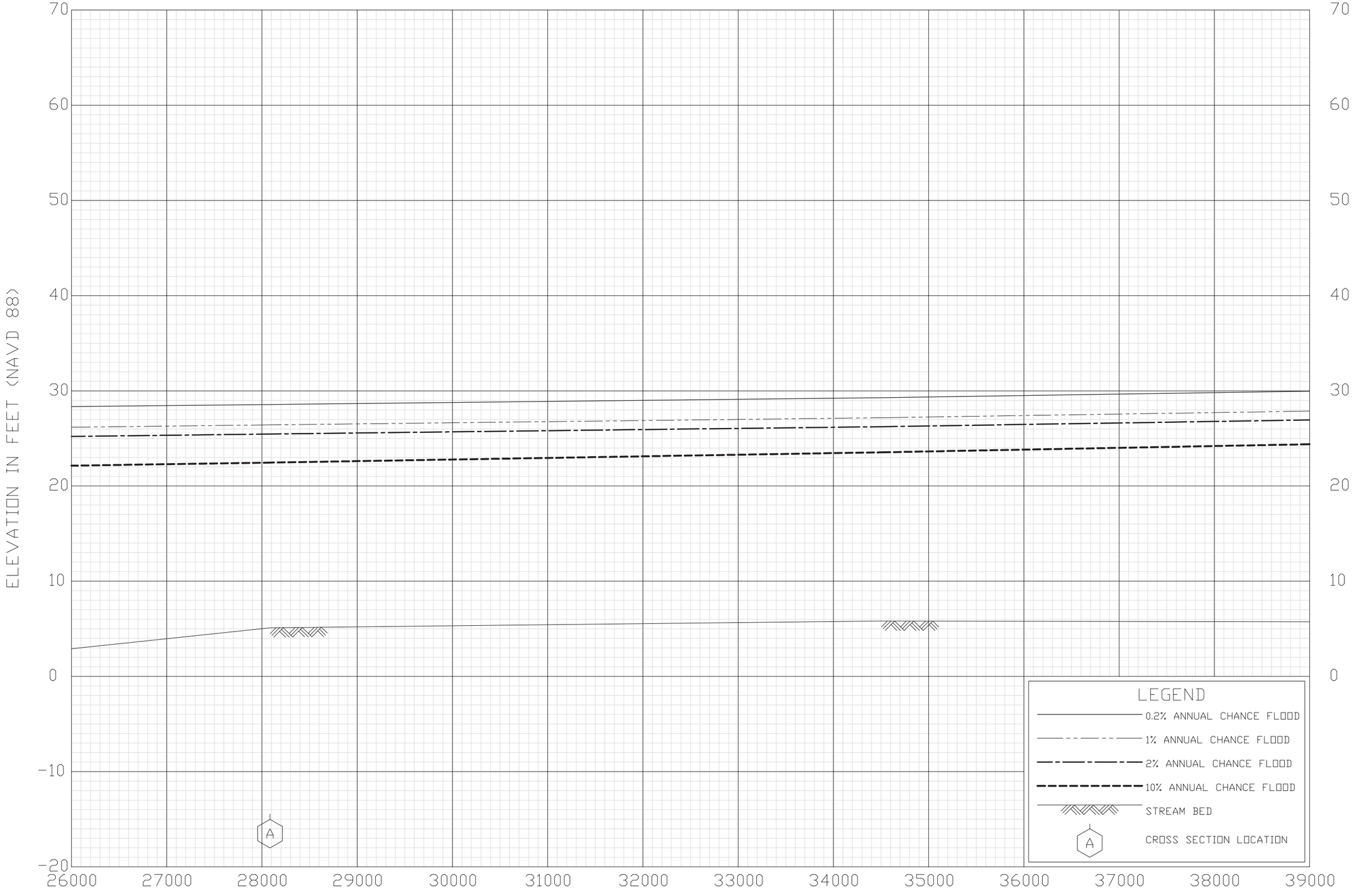
AND INCORPORATED AREAS




# FLOOD PROFILES

## OGEECHEE RIVER

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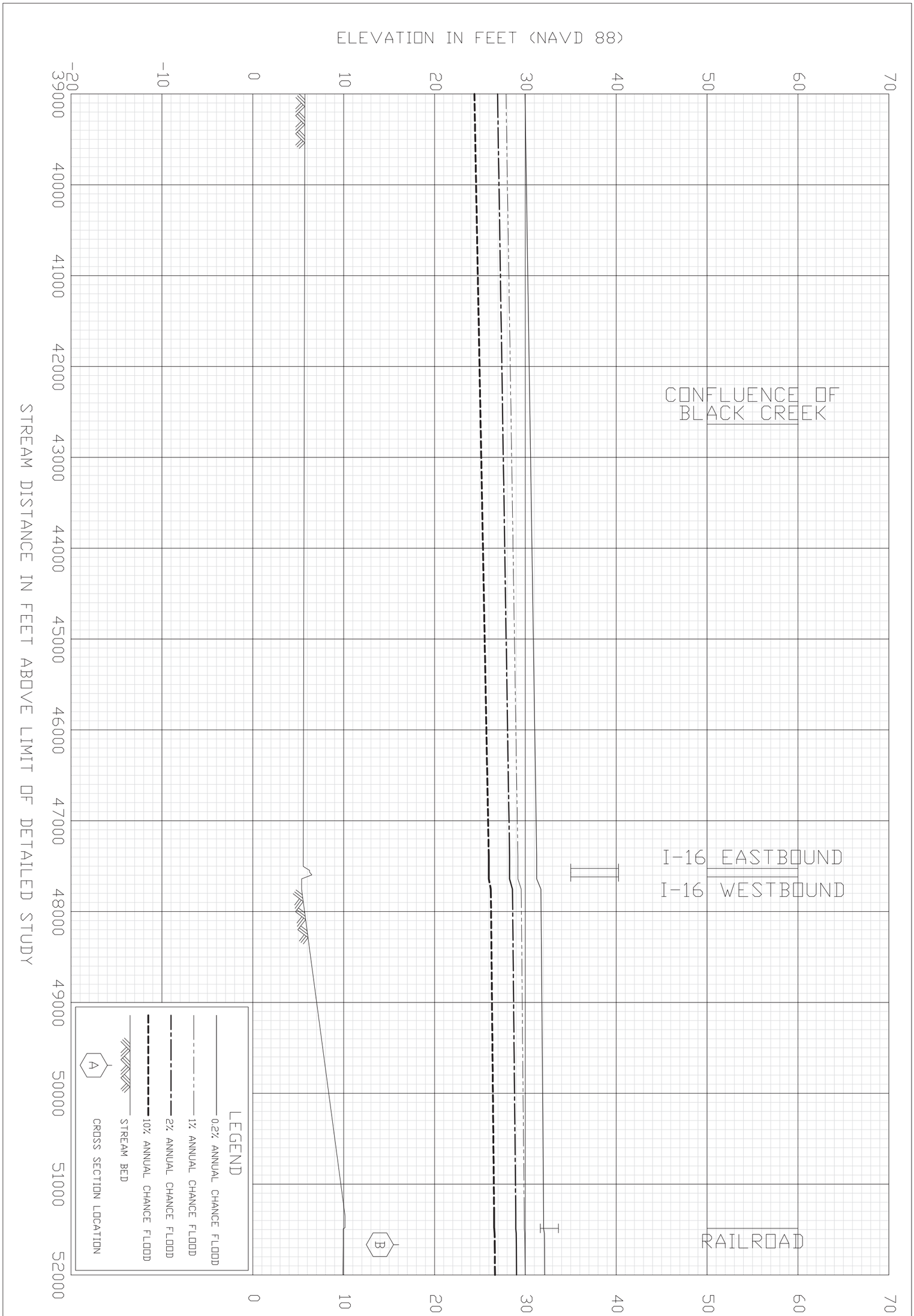
AND INCORPORATED AREAS




16P

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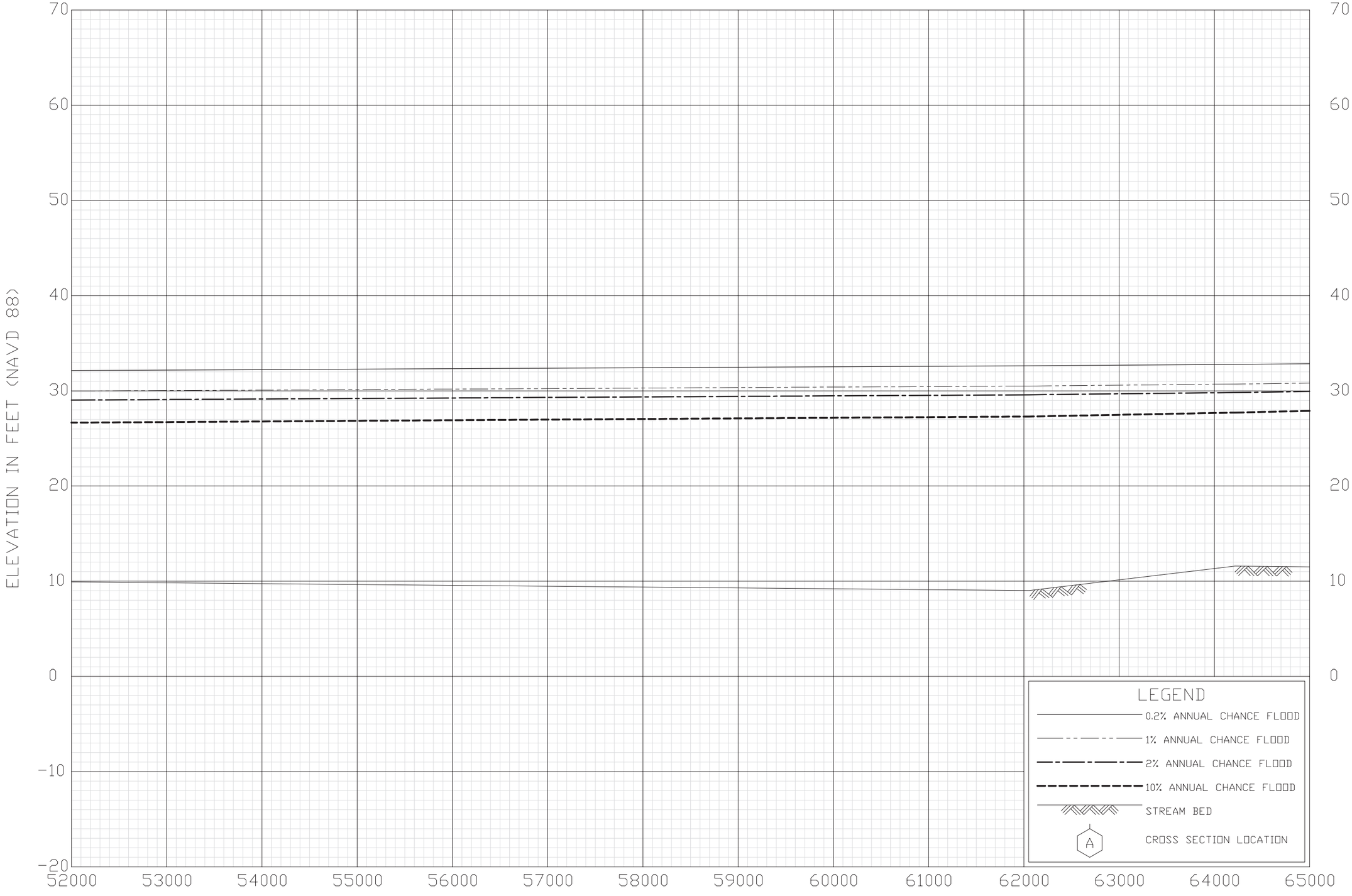
BRYAN COUNTY, GA

AND INCORPORATED AREAS

# FLOOD PROFILES

## OGEECHEE RIVER




# FLOOD PROFILES

## OGEECHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

80
70
60
50
40
30
20
10
0
−10

65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY

LEGEND

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

# FLOOD PROFILES

## OGEECHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

**BRYAN COUNTY, GA**

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

80
70
60
50
40
30
20
10
0
−10

US-80

C

D

LEGEND

0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

2% ANNUAL CHANCE FLOOD

10% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY

# FLOOD PROFILES

OGEECHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

80
70
60
50
40
30
20
10
0
−10

CONFLUENCE OF MILES BRANCH

91000 92000 93000 94000 95000 96000 97000 98000 99000 100000 101000 102000 103000 104000

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY

LEGEND

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

# FLOOD PROFILES

## OGEECHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

80
70
60
50
40
30
20
10
0
−10

BRYAN COUNTY LIMITS

E

LEGEND

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

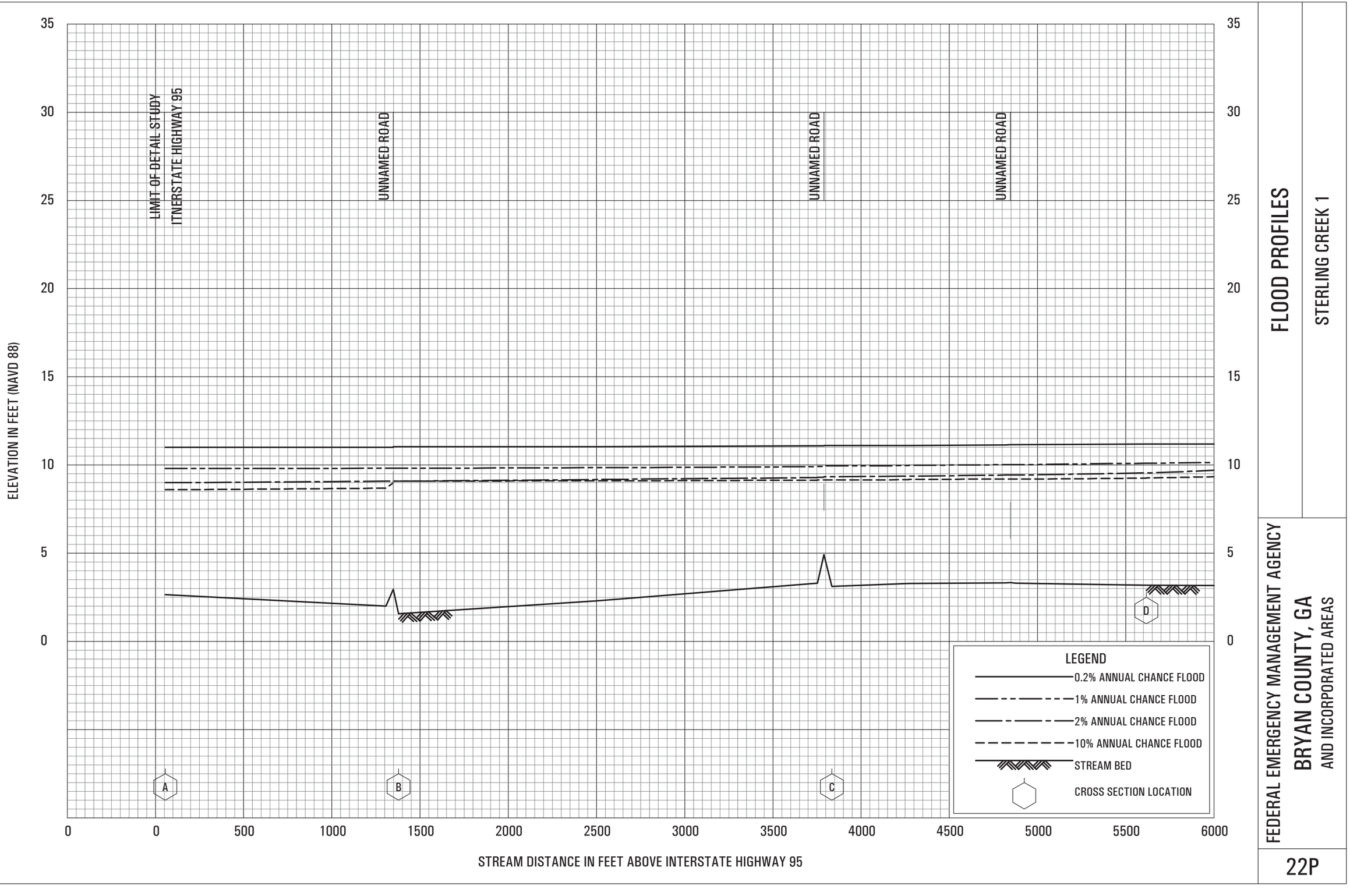
104000 105000 106000 107000 108000 109000 110000 111000 112000 113000 114000 115000 116000 117000

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY

FLOOD PROFILES

OGEECHEE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
BRYAN COUNTY, GA
AND INCORPORATED AREAS



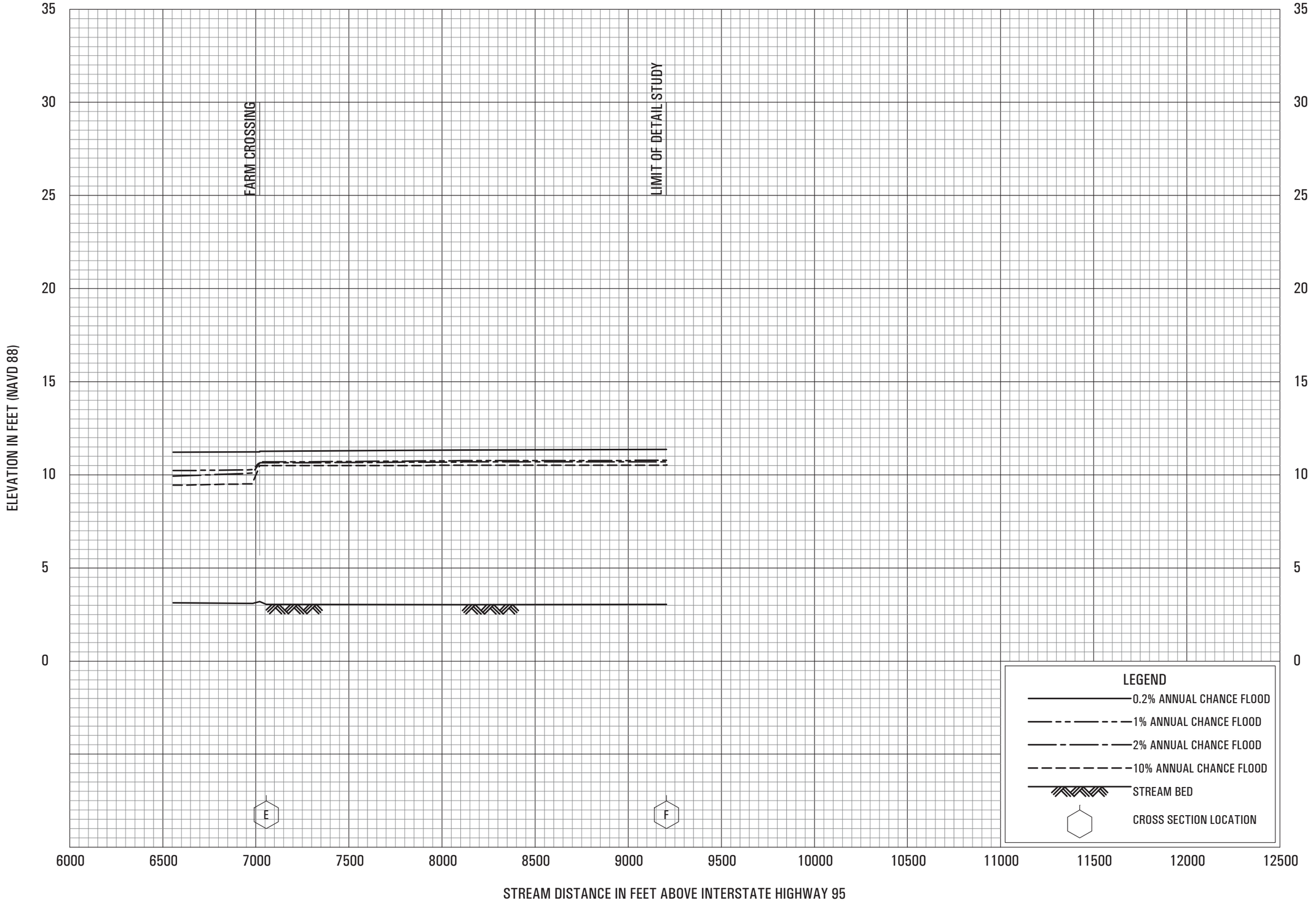

# FLOOD PROFILES

STERLING CREEK 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS




# FLOOD PROFILES

STERLING CREEK 1

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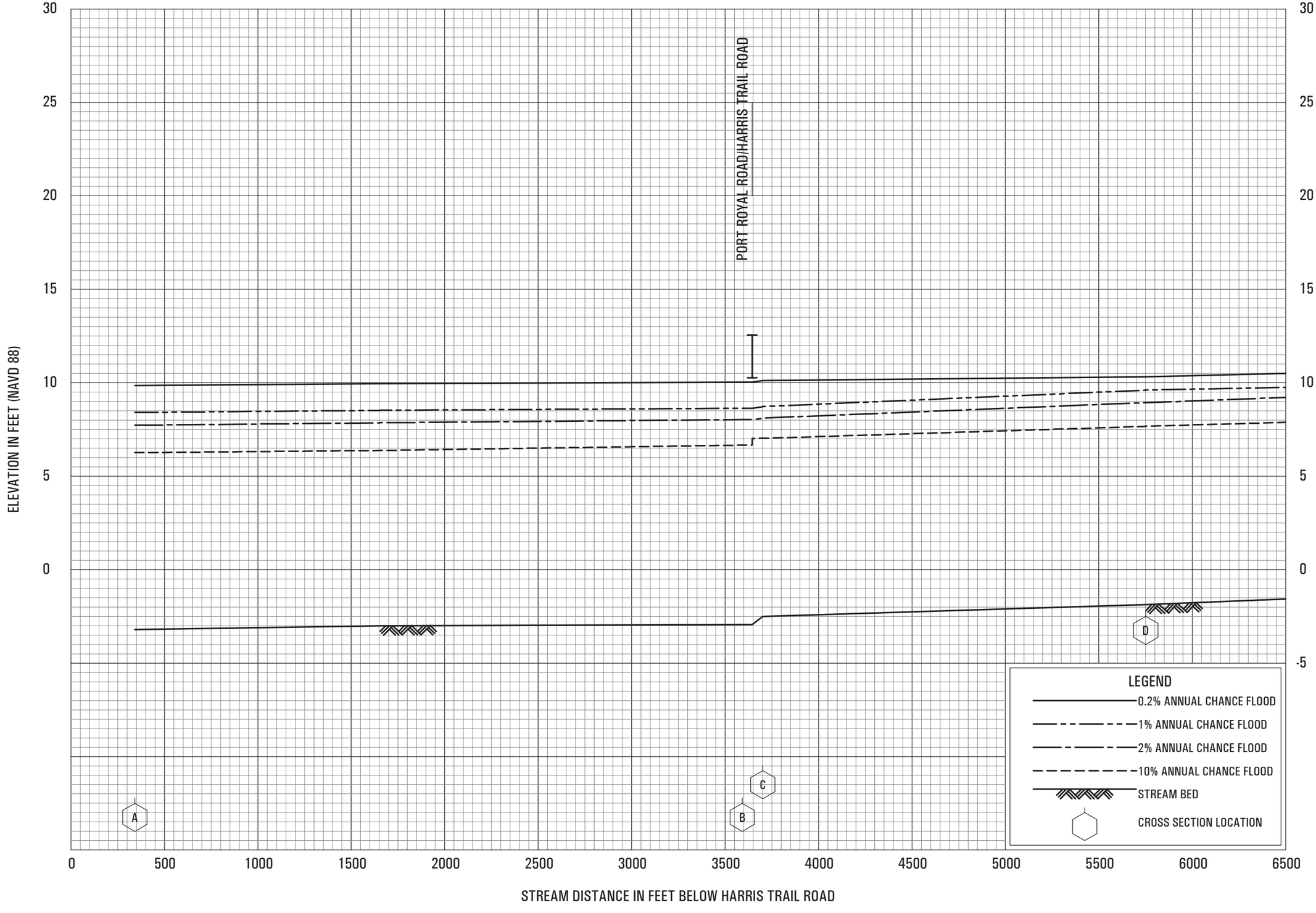


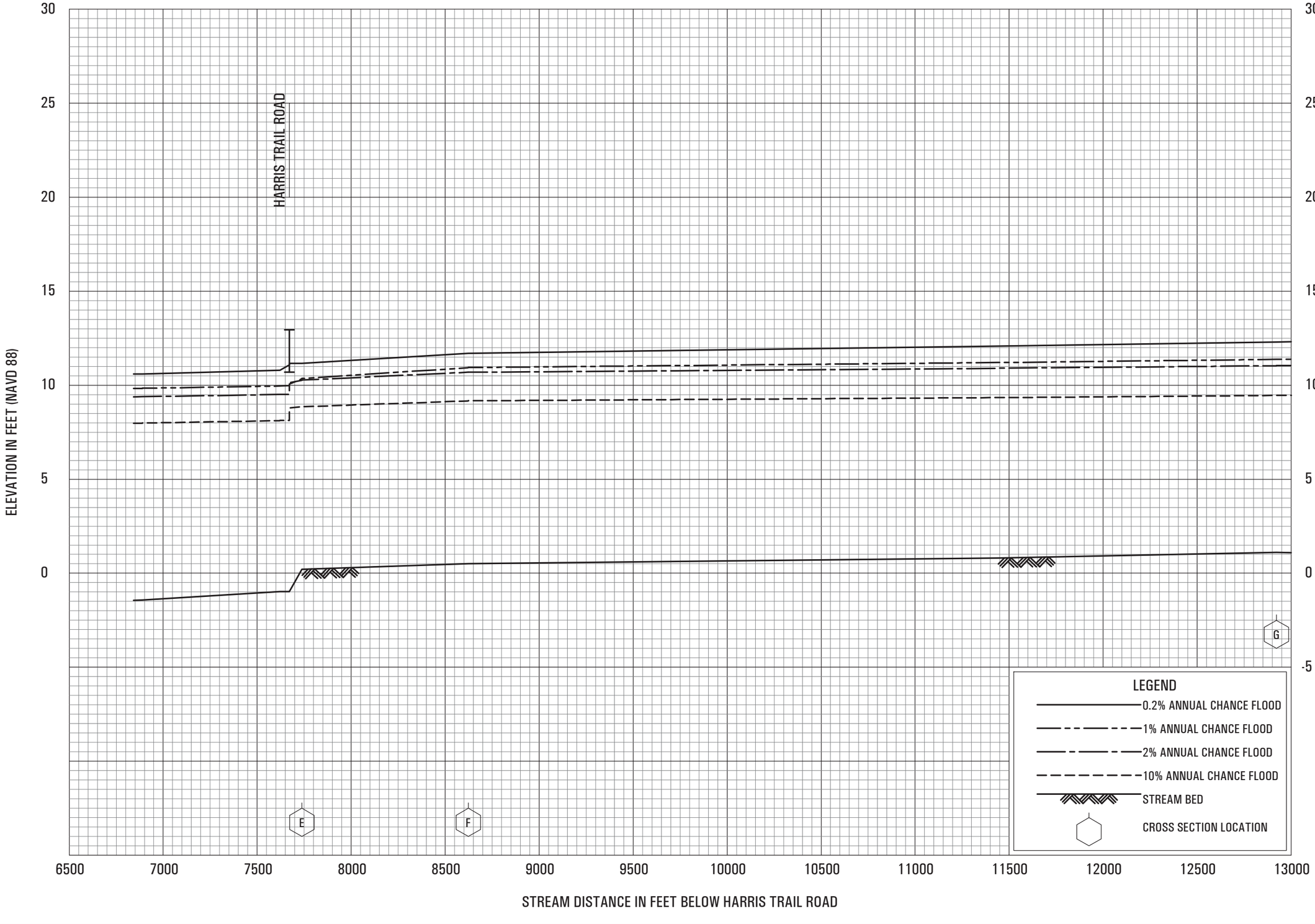

FLOOD PROFILES

STERLING CREEK 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS




# FLOOD PROFILES

STERLING CREEK 2

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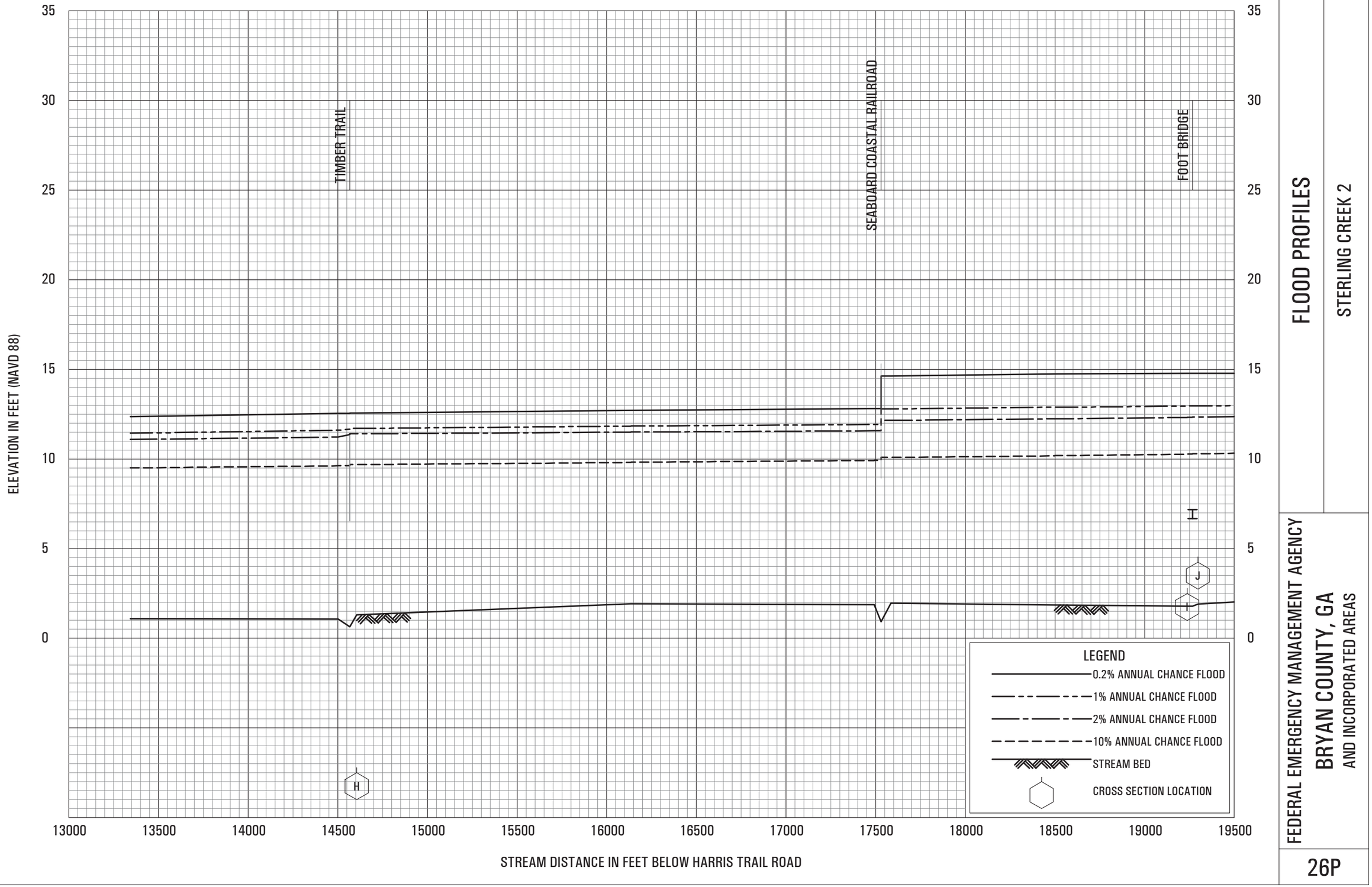
BRYAN COUNTY, GA

AND INCORPORATED AREAS




# FLOOD PROFILES

STERLING CREEK 2

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BRYAN COUNTY, GA

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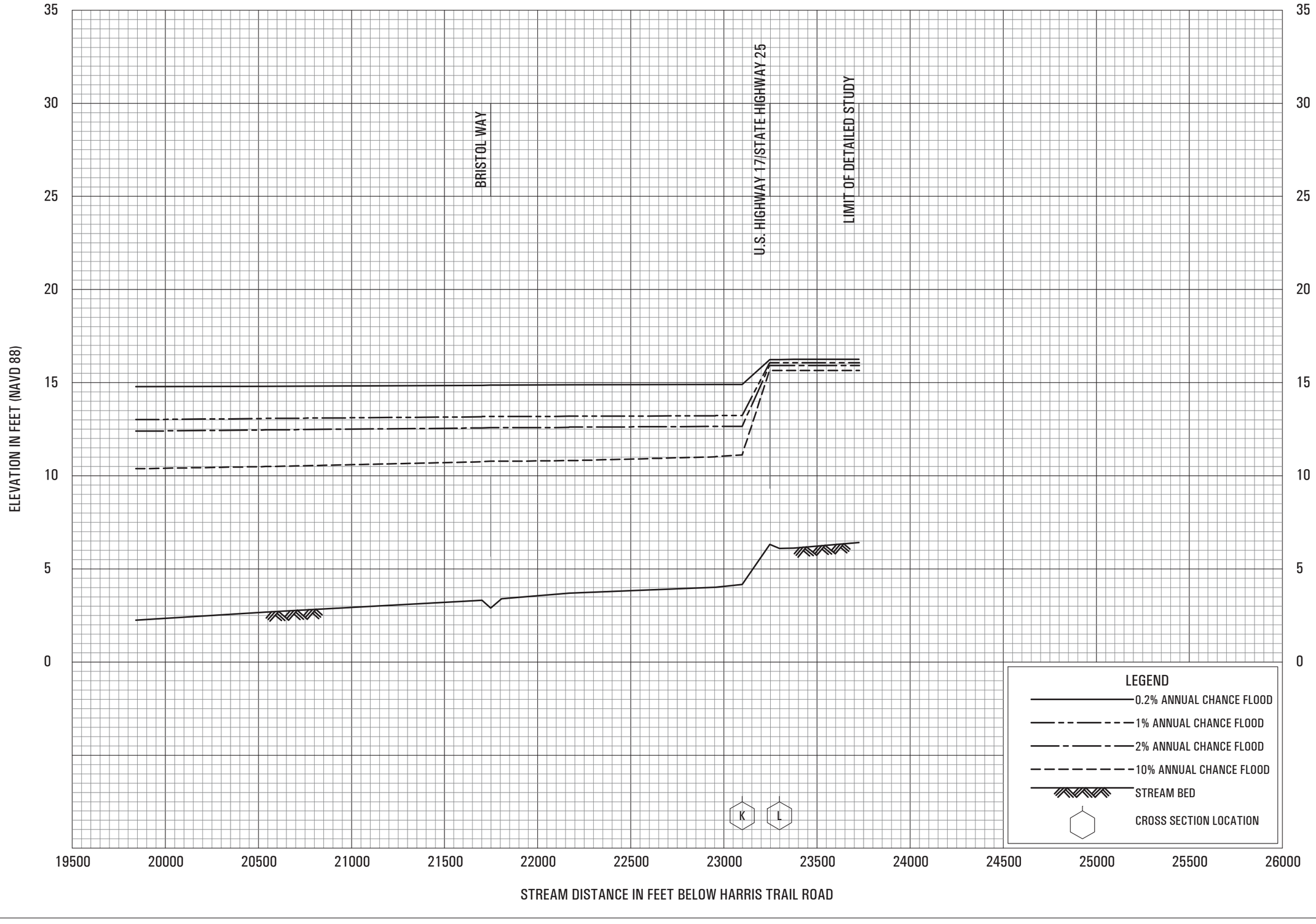


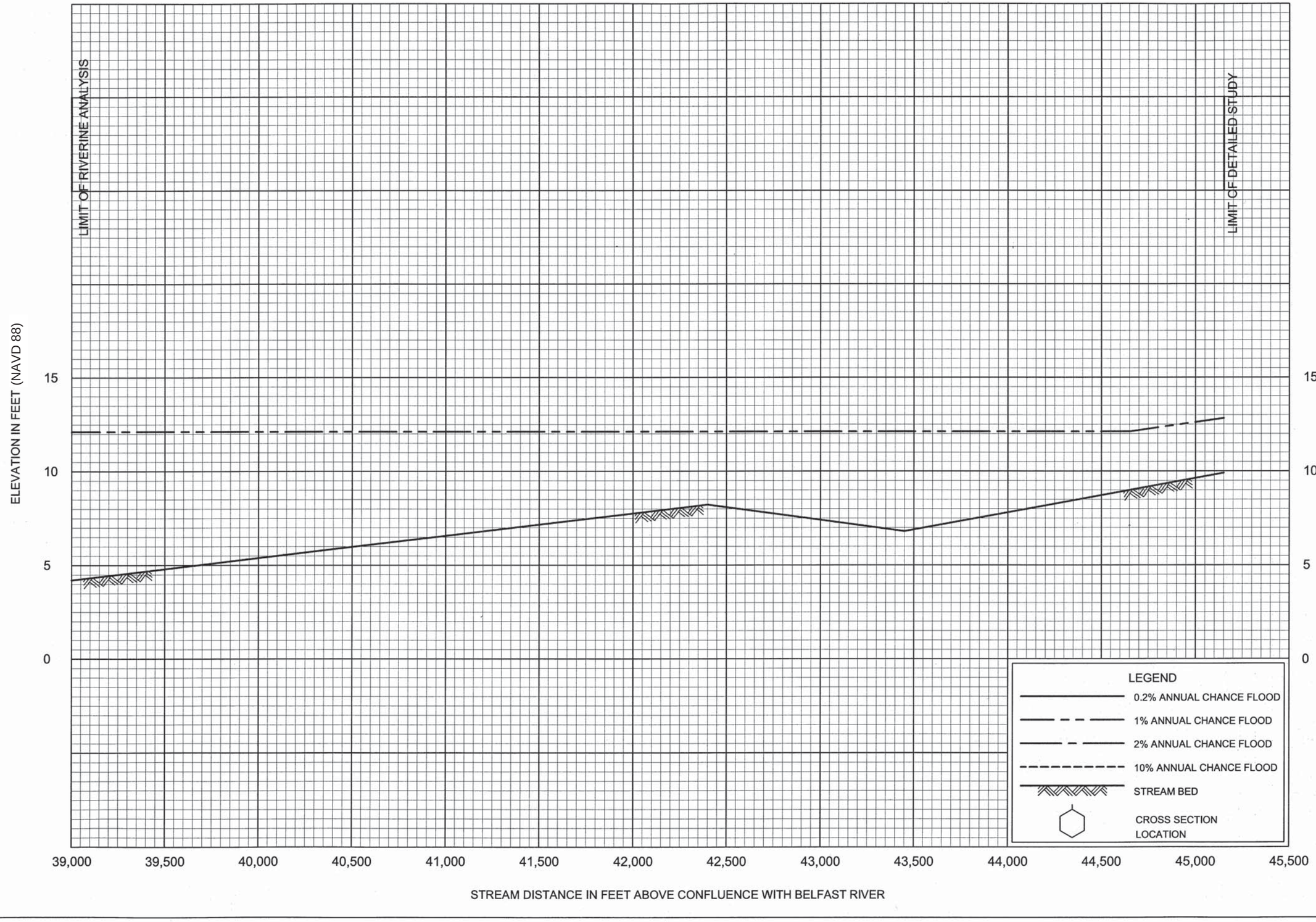

FLOOD PROFILES

STERLING CREEK 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS



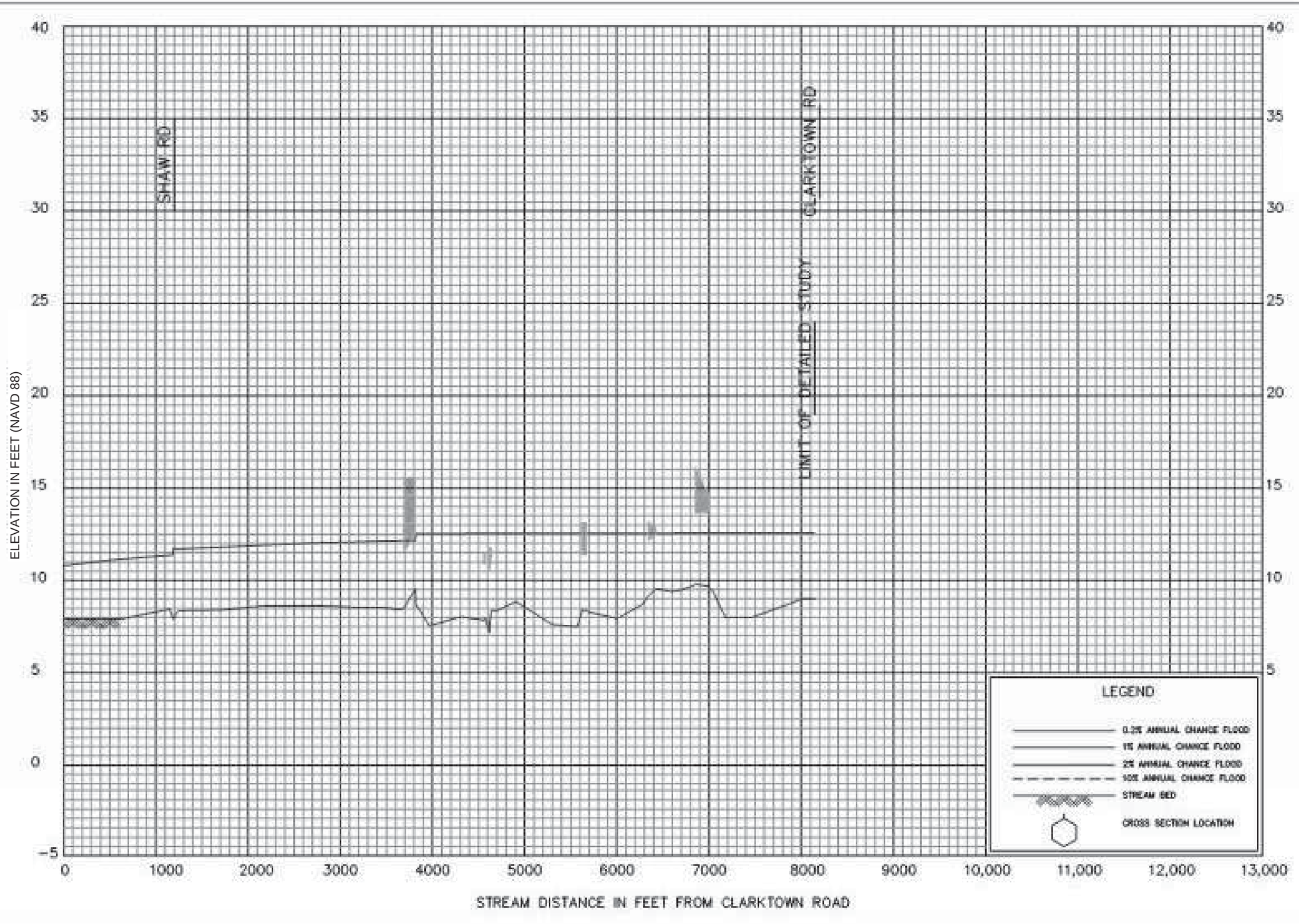

# FLOOD PROFILES

## TIVOLI RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS




FLOOD PROFILES

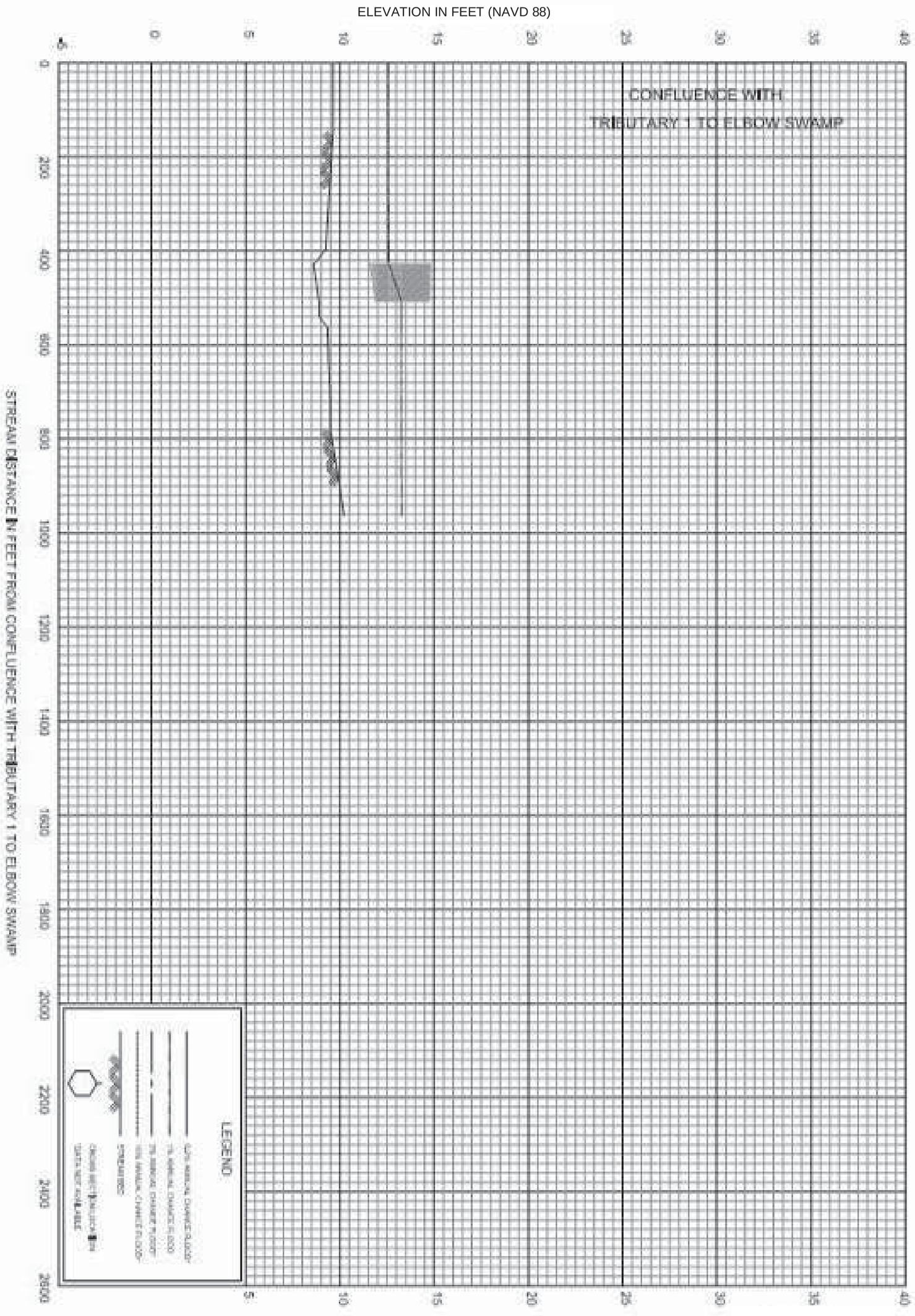
TRIBUTARY 1 TO ELBOW SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

29P






FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA

AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 2 TO ELBOW SWAMP

# FLOOD PROFILES

## TRIBUTARY TO BELFAST SIDING CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GEORGIA

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

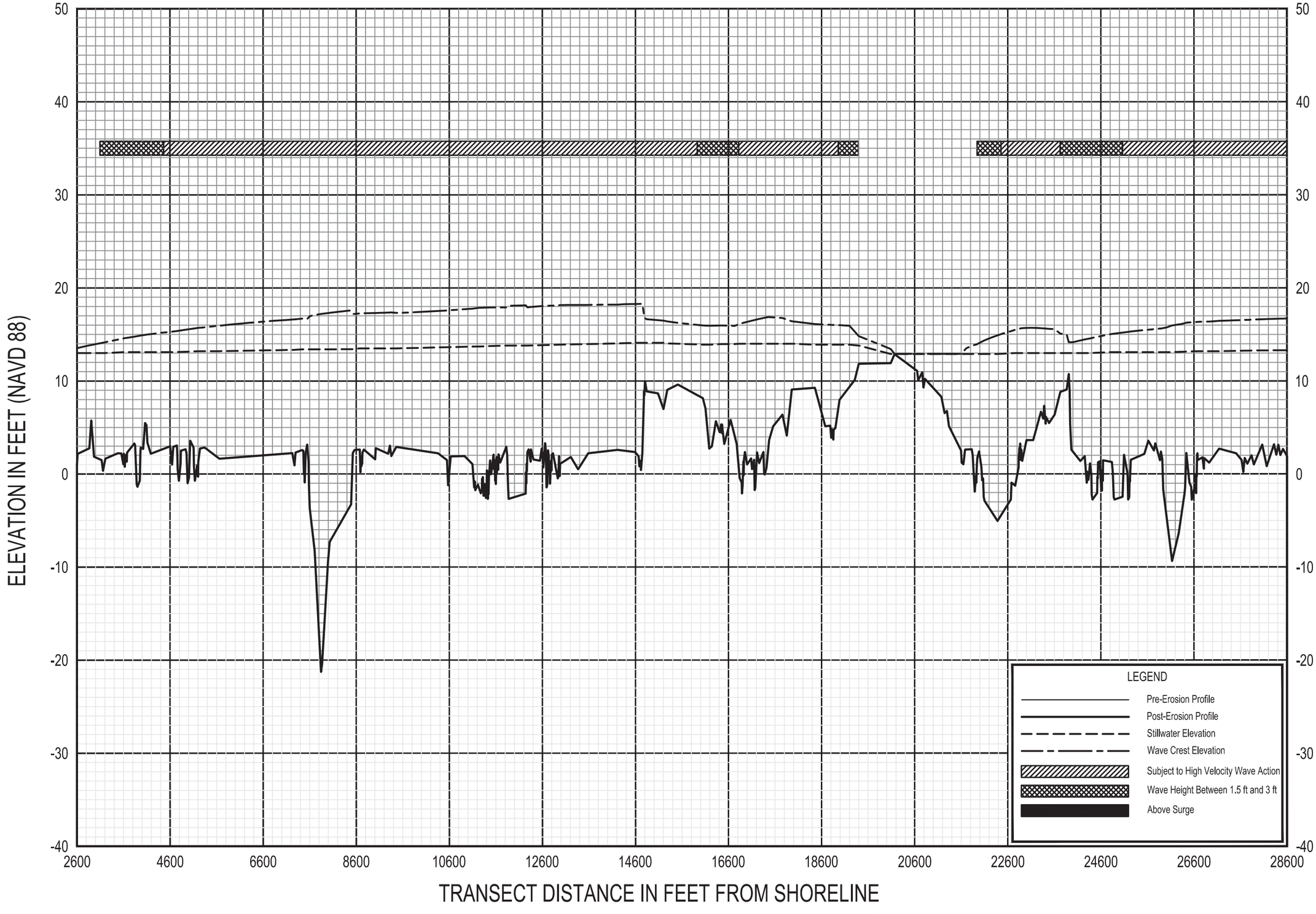
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

1 P




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

2 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

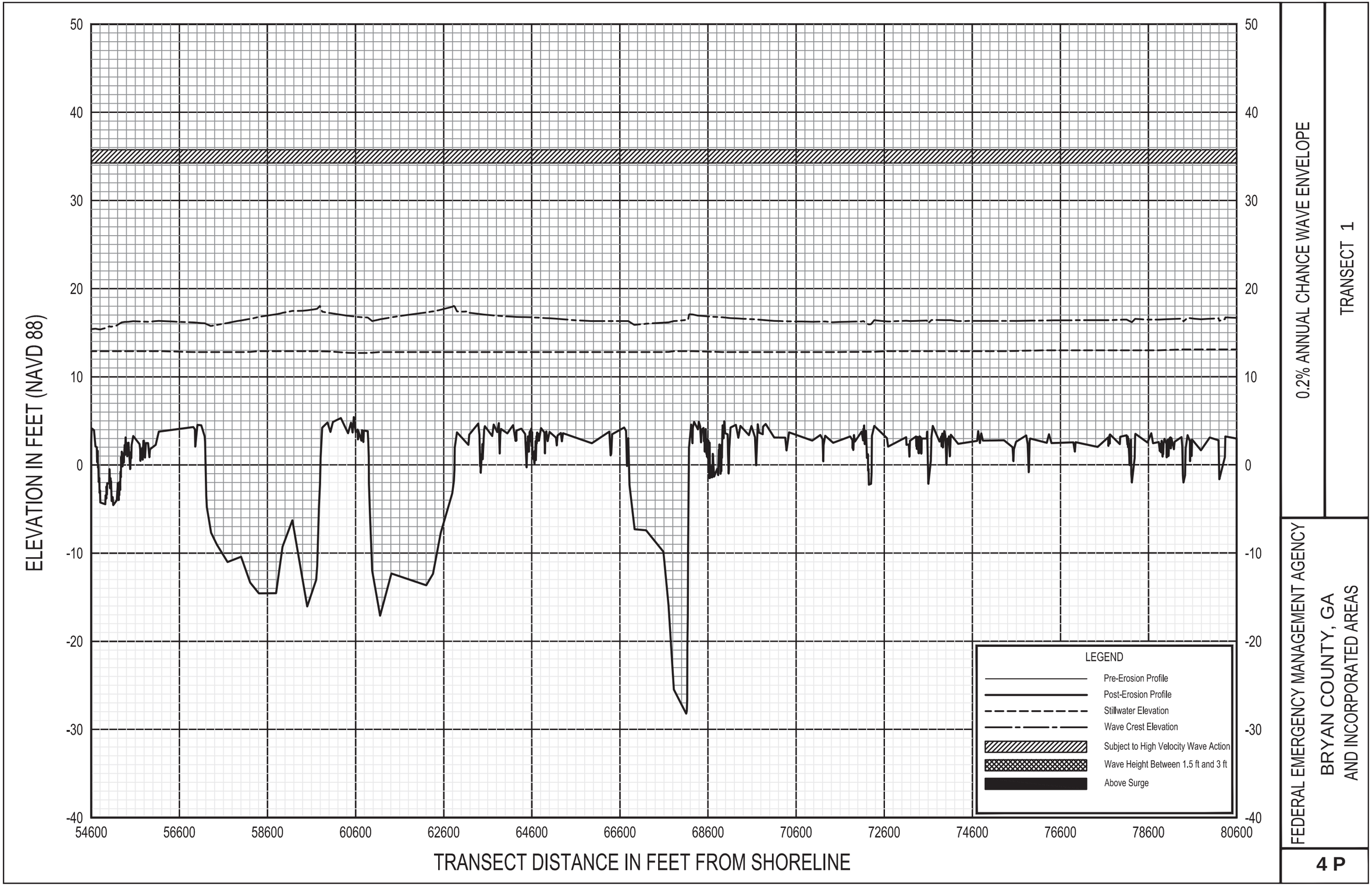
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

3 P



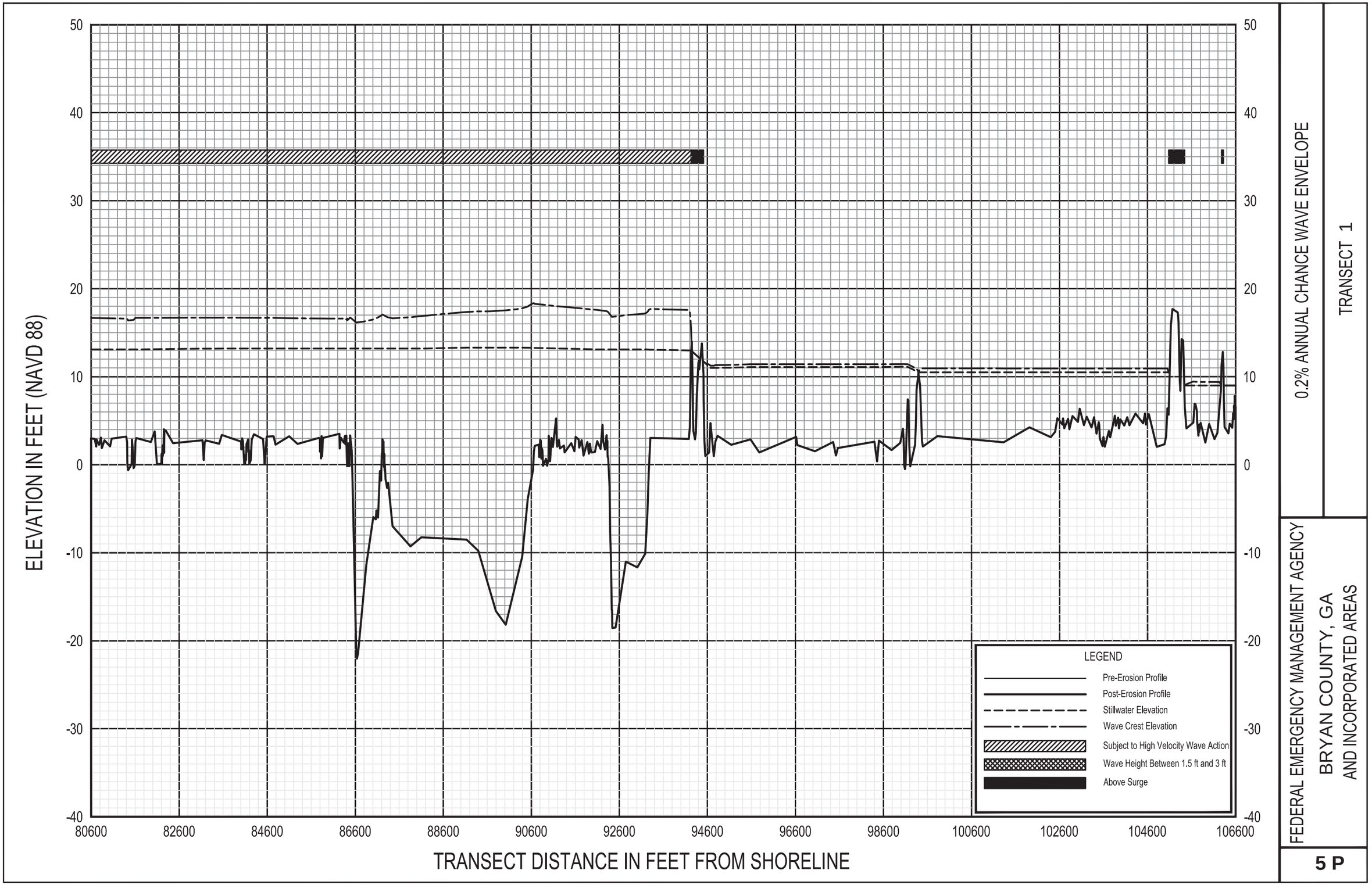

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

4 P




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

5 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

106600 108600 110600 112600 114600 116600 118600 120600 122600 124600 126600 128600 130600 132600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

6 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

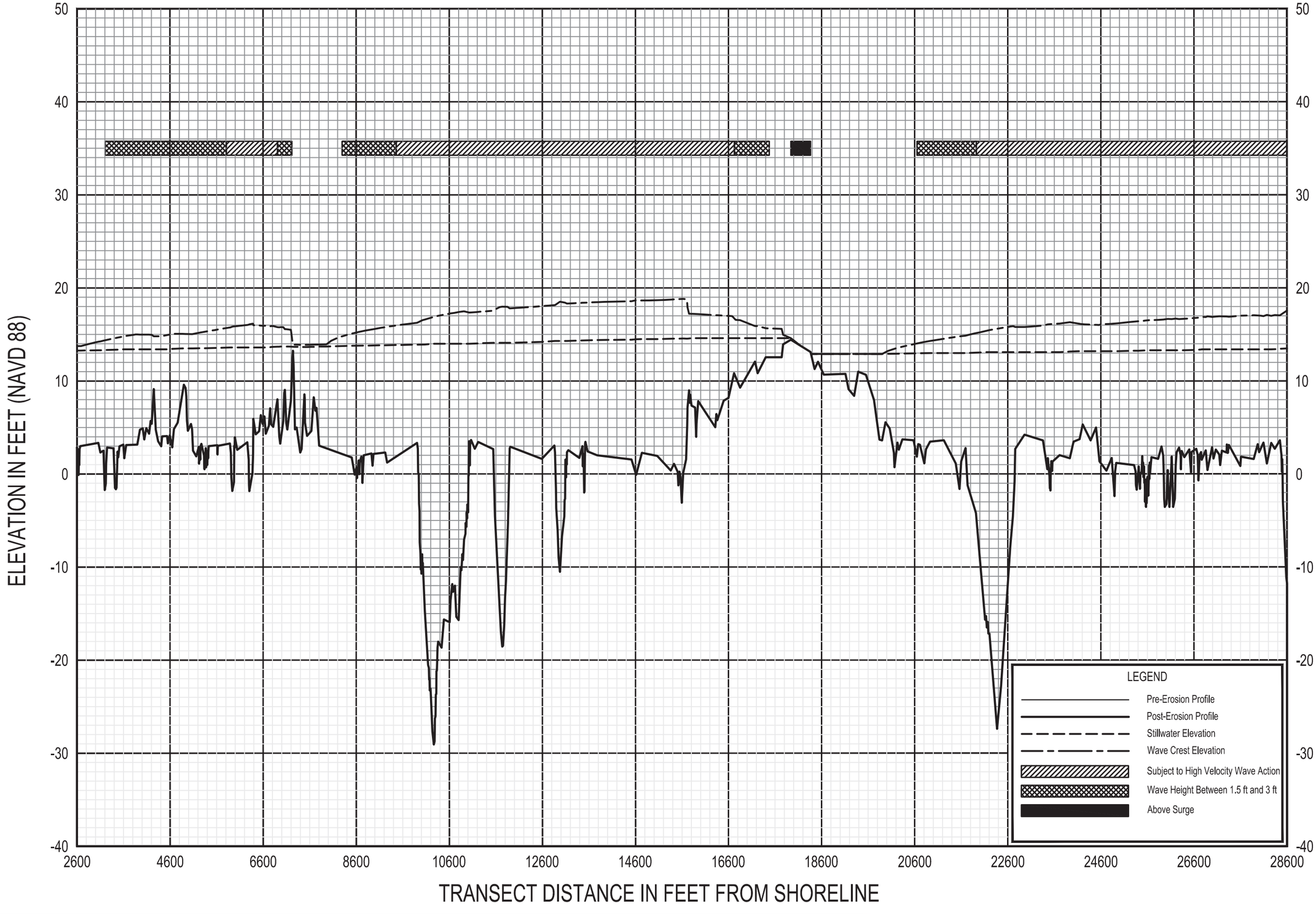
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

7 P



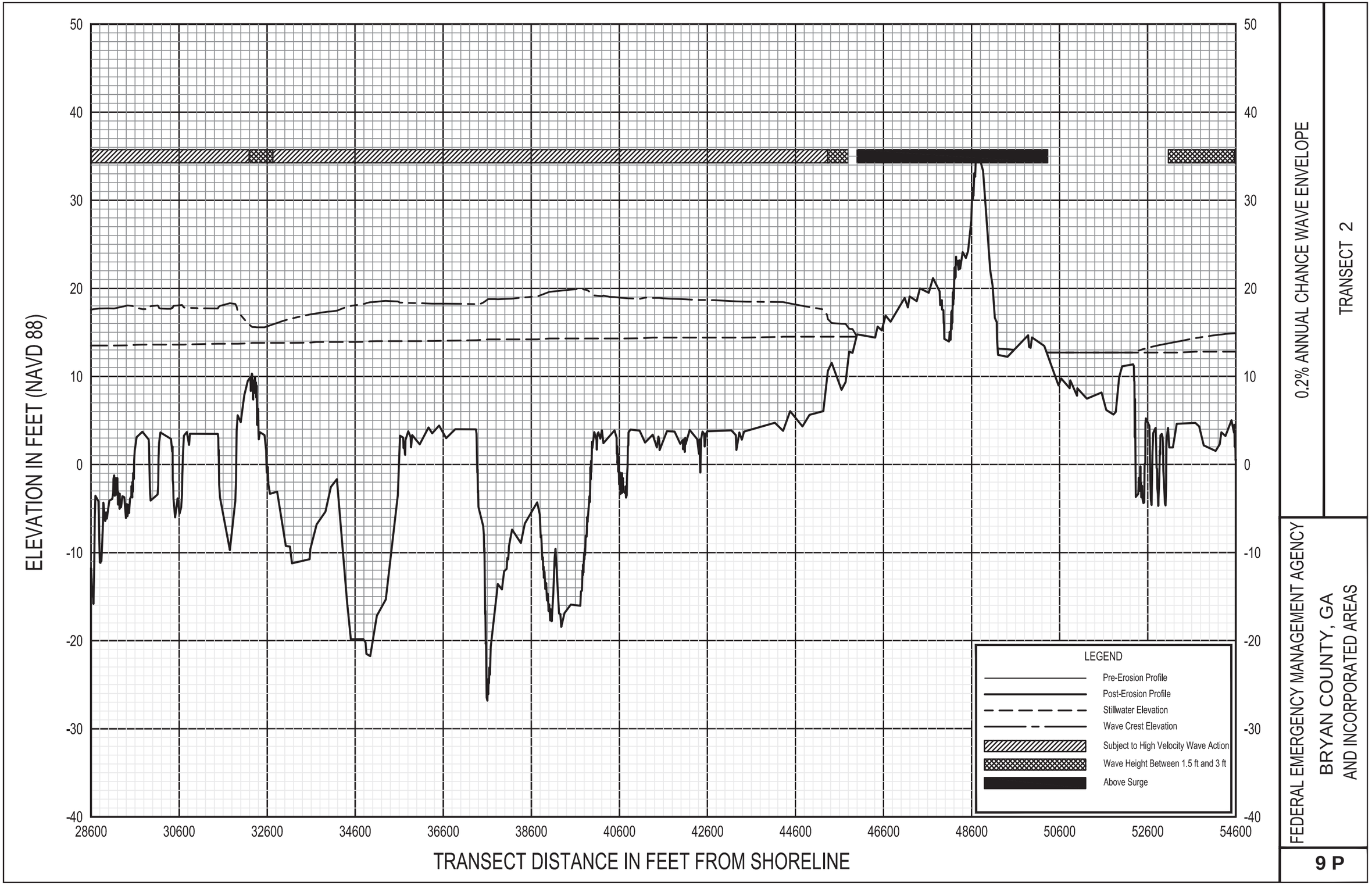

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**8 P**



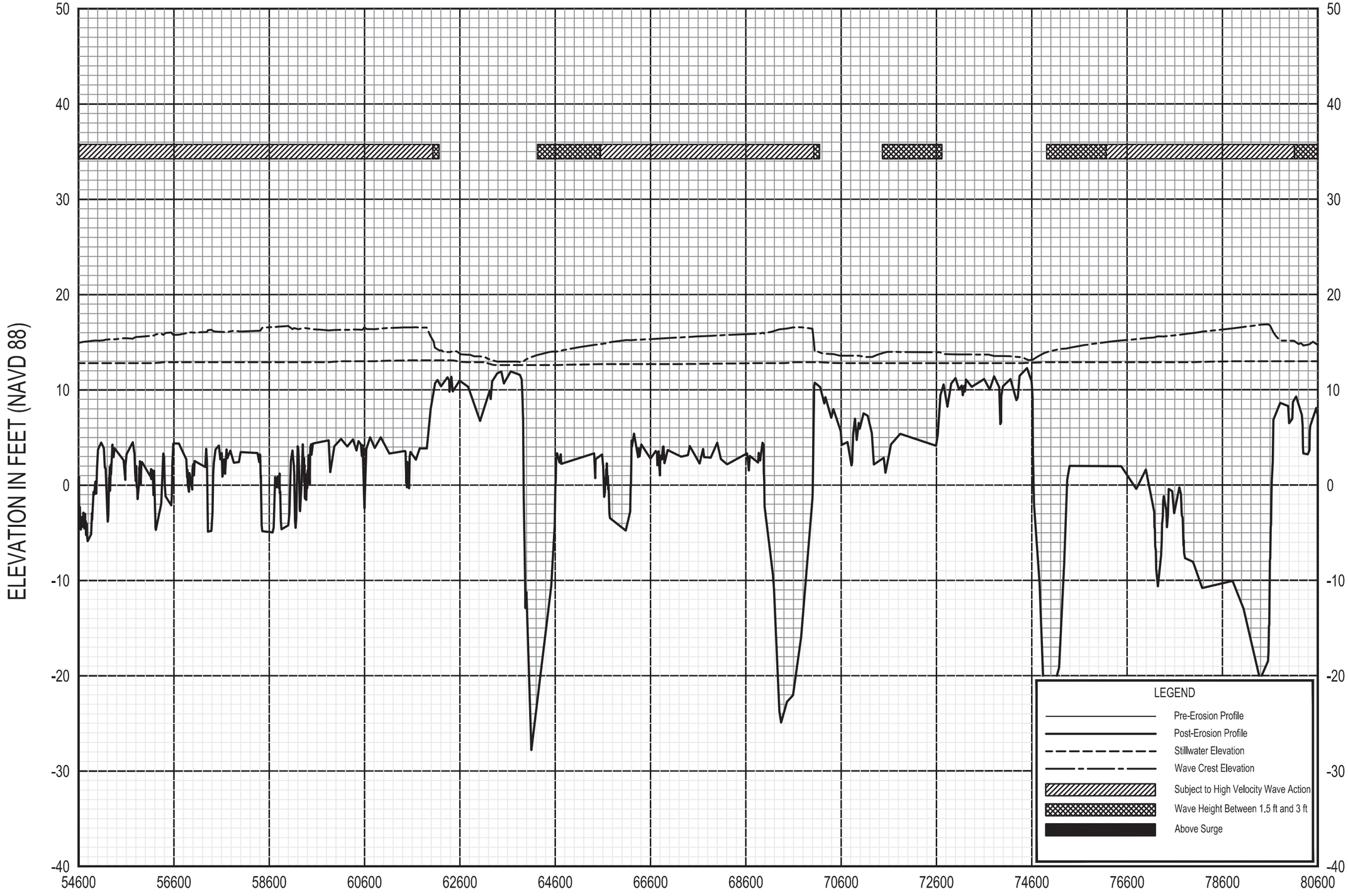

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**9 P**




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**10 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

80600 82600 84600 86600 88600 90600 92600 94600 96600 98600 100600 102600 104600 106600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

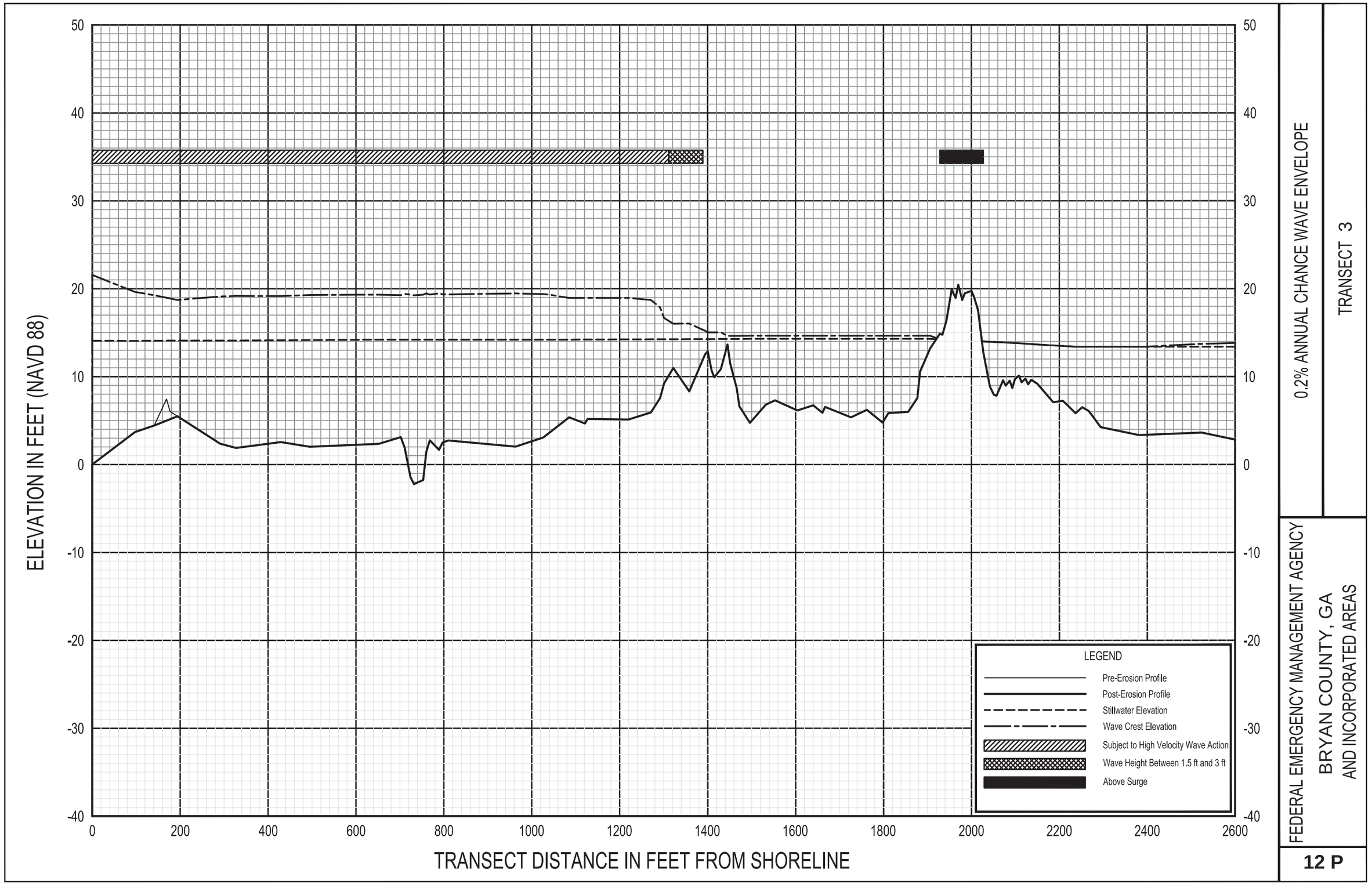
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

11 P




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**12 P**

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**13 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 3

FEDERAL EMERGENCY MANAGEMENT AGENCY
BRYAN COUNTY, GA
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

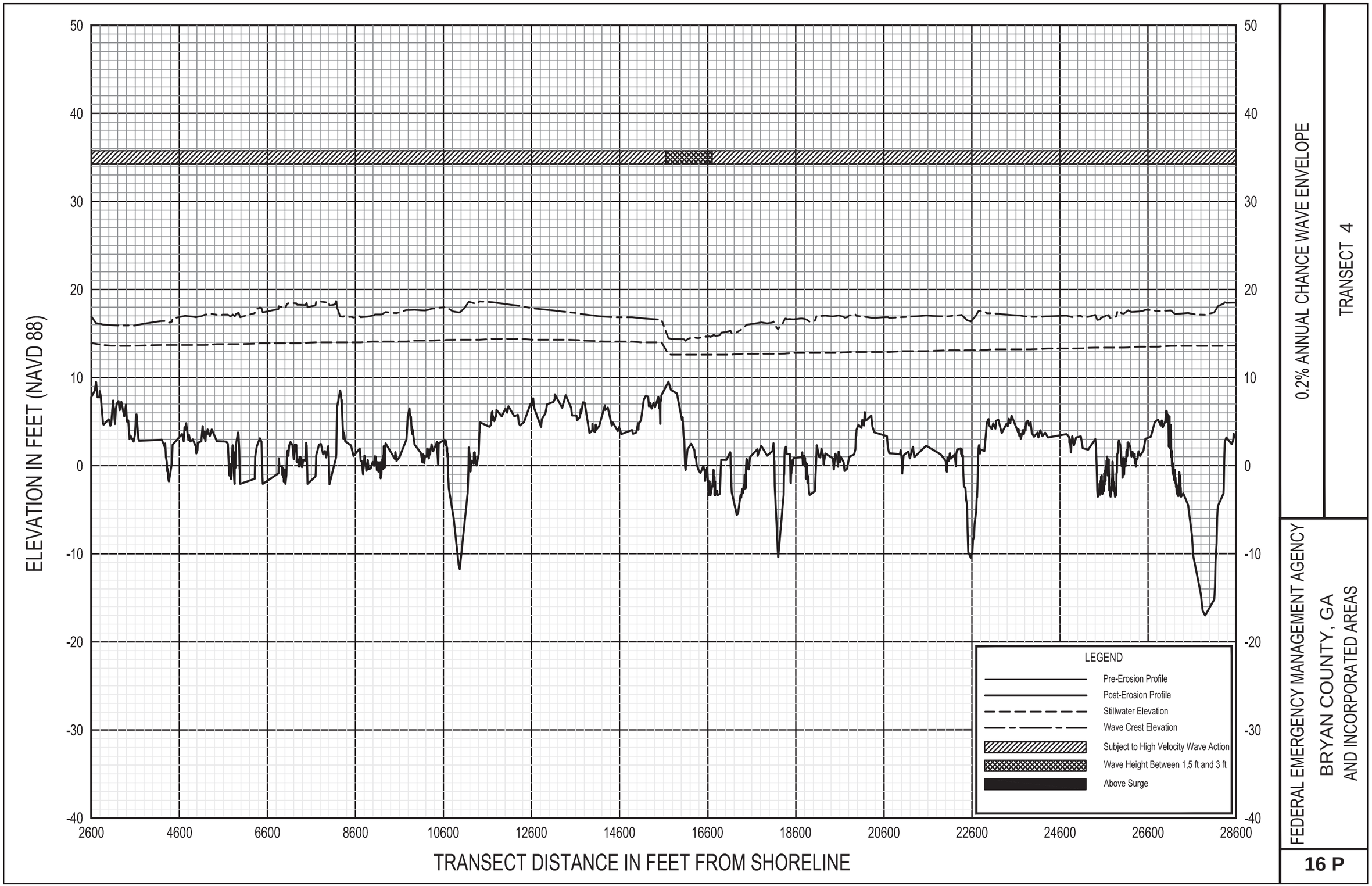
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**15 P**




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**16 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

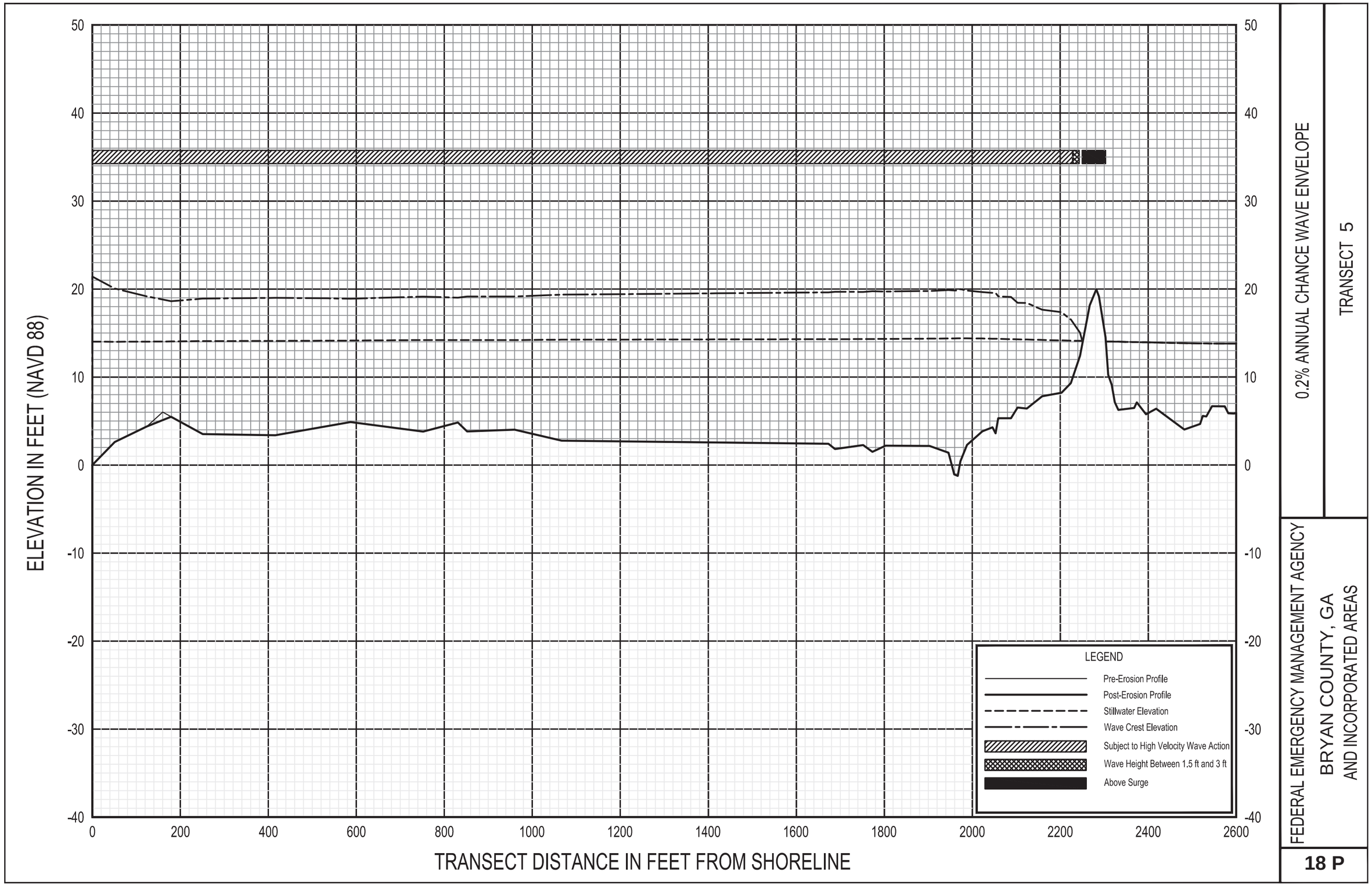
- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
BRYAN COUNTY, GA
AND INCORPORATED AREAS

17 P




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**18 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

2600 4600 6600 8600 10600 12600 14600 16600 18600 20600 22600 24600 26600 28600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**19 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

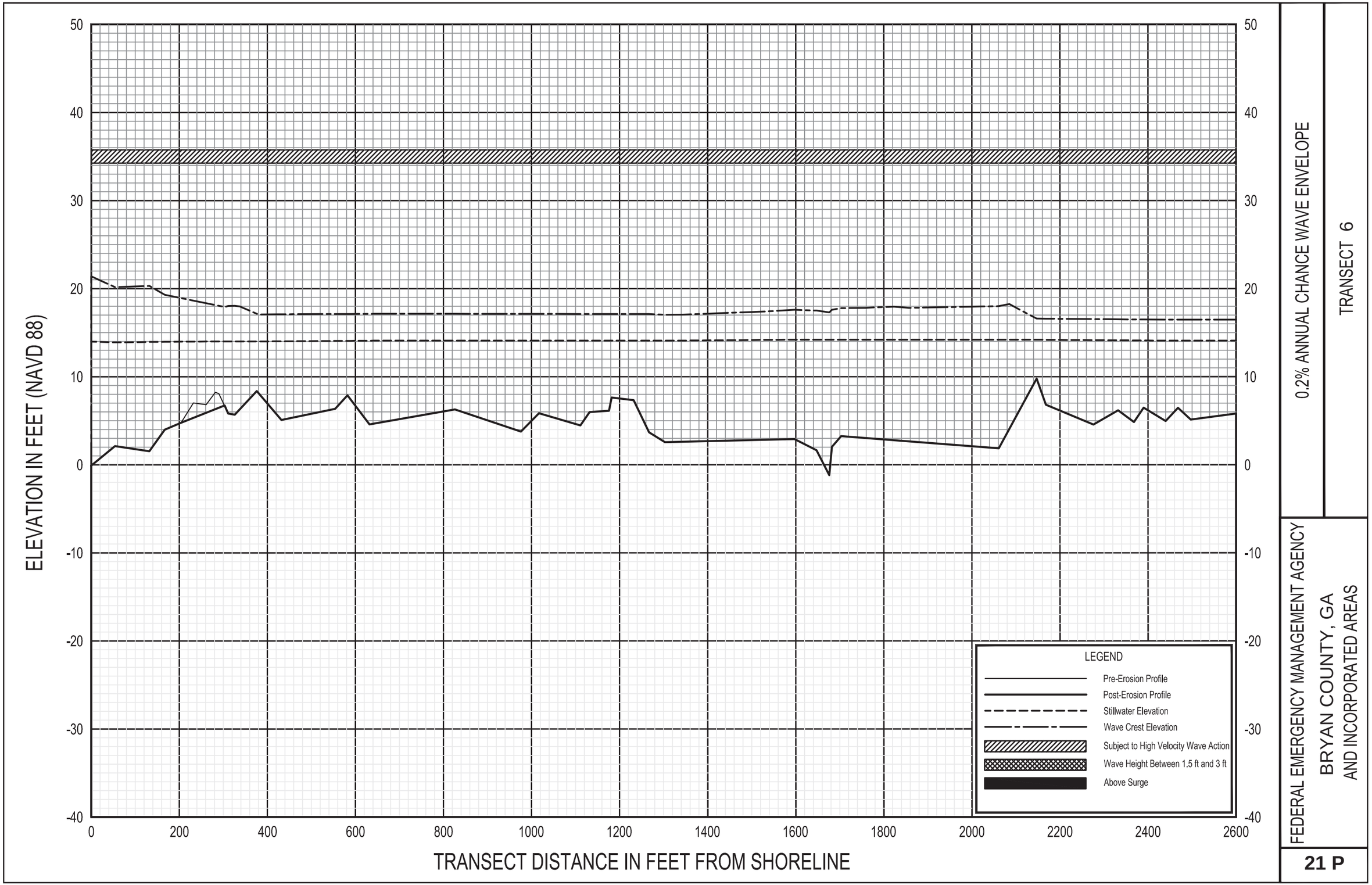
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**20 P**



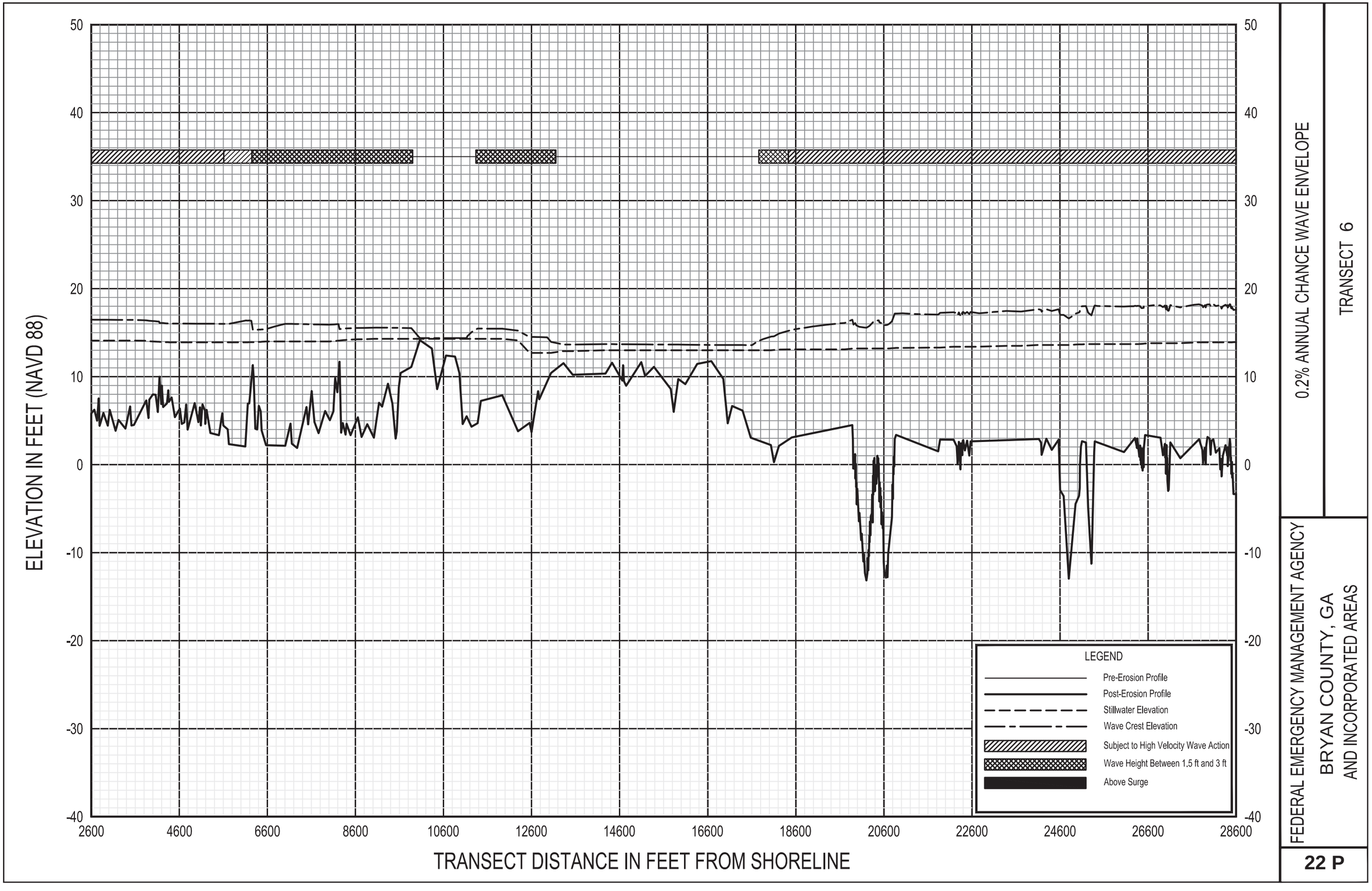

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**21 P**



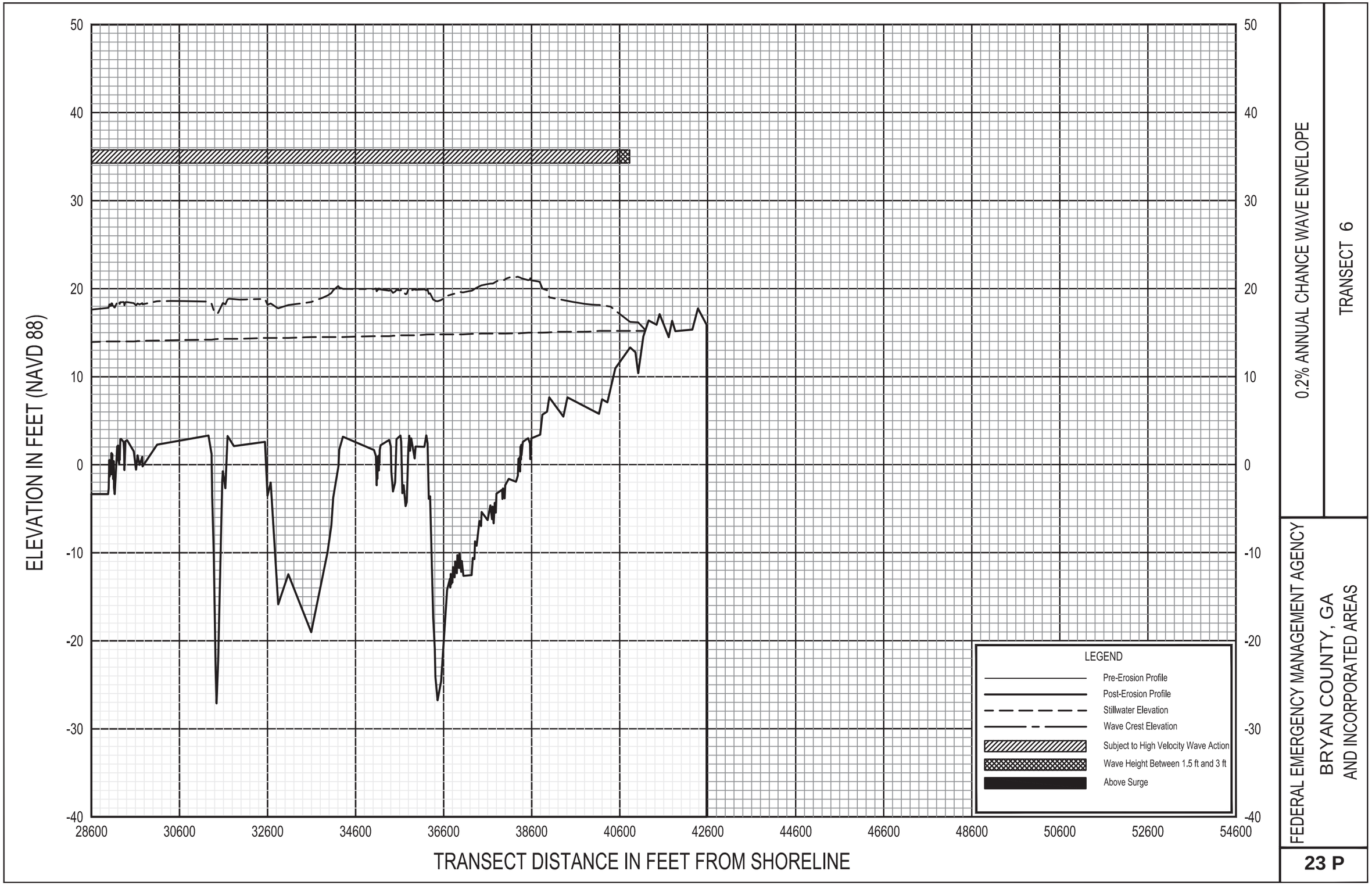

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**22 P**



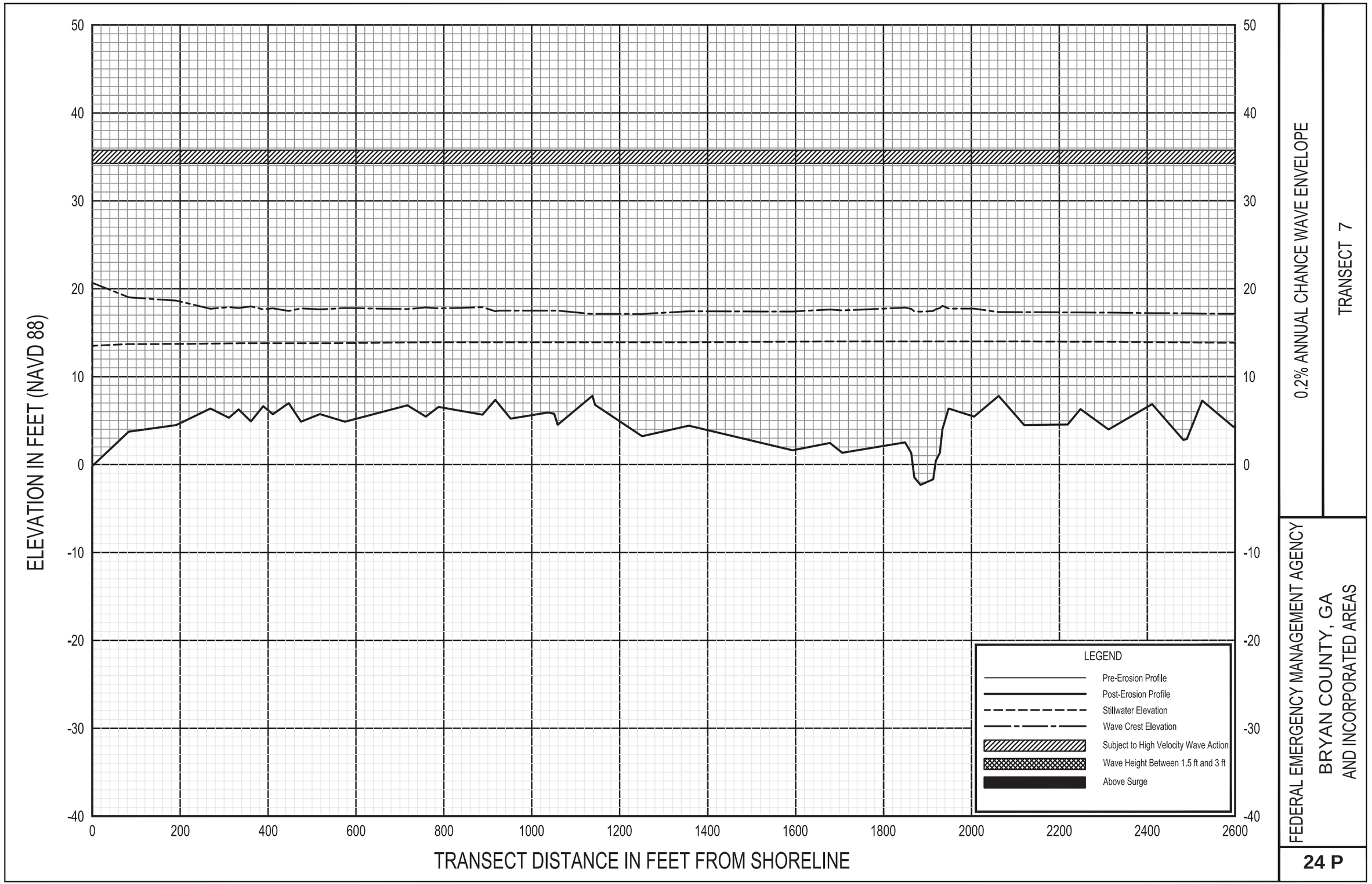

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**23 P**



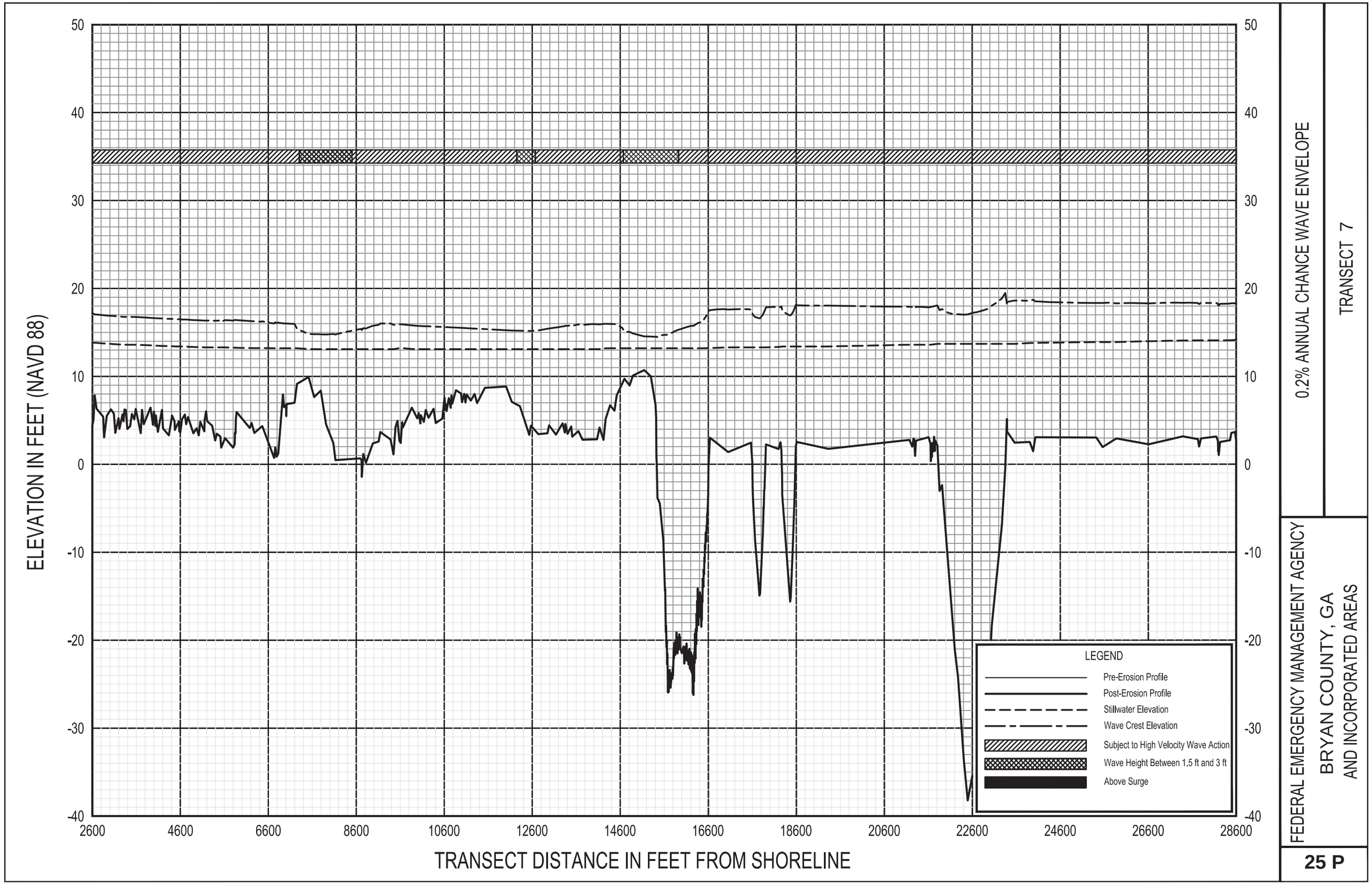

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**24 P**




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**25 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

27 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

2600 4600 6600 8600 10600 12600 14600 16600 18600 20600 22600 24600 26600 28600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**28 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

29 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**30 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

2600 4600 6600 8600 10600 12600 14600 16600 18600 20600 22600 24600 26600 28600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BRYAN COUNTY, GA
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

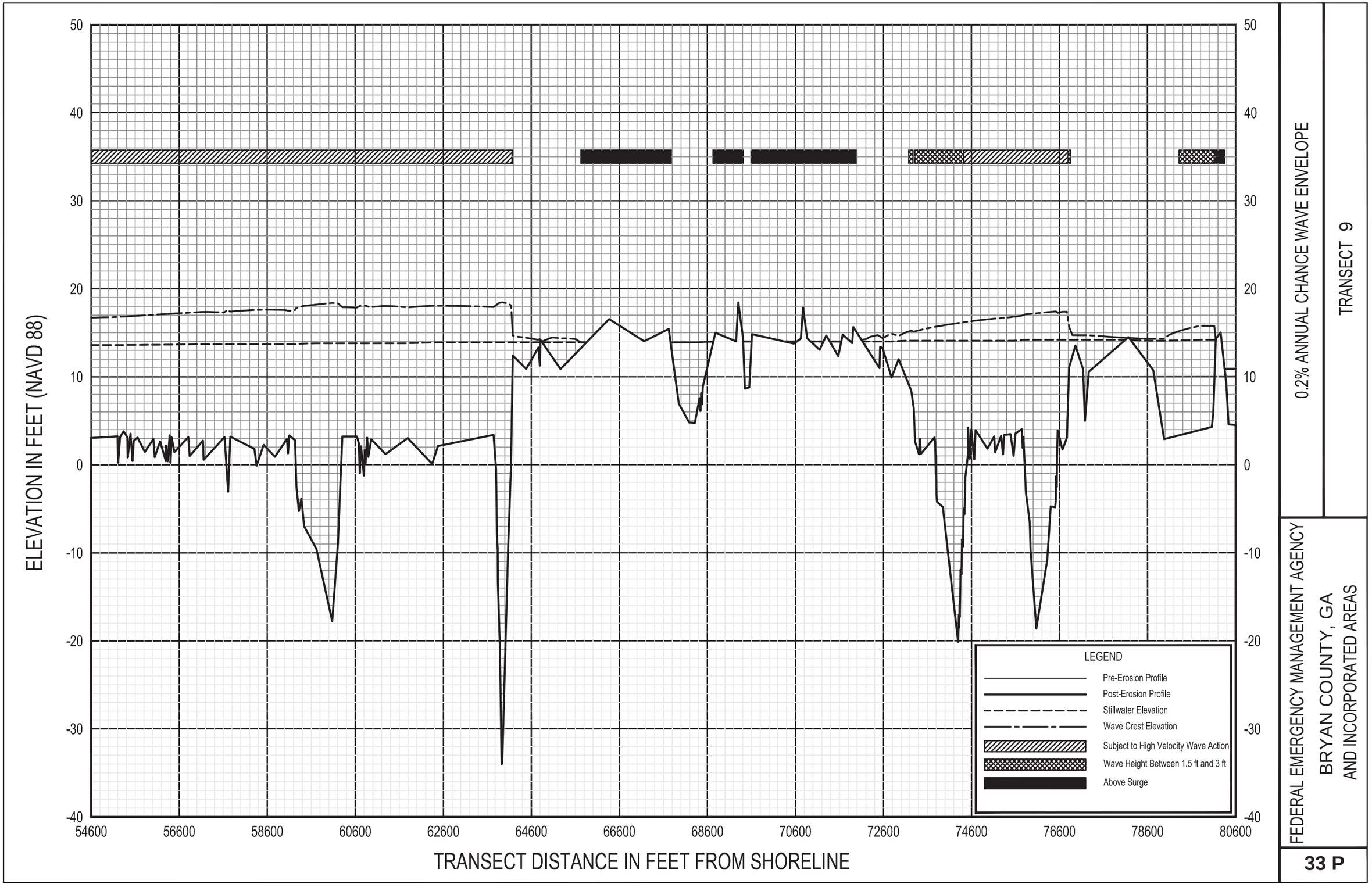
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**32 P**




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**33 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

80600 82600 84600 86600 88600 90600 92600 94600 96600 98600 100600 102600 104600 106600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

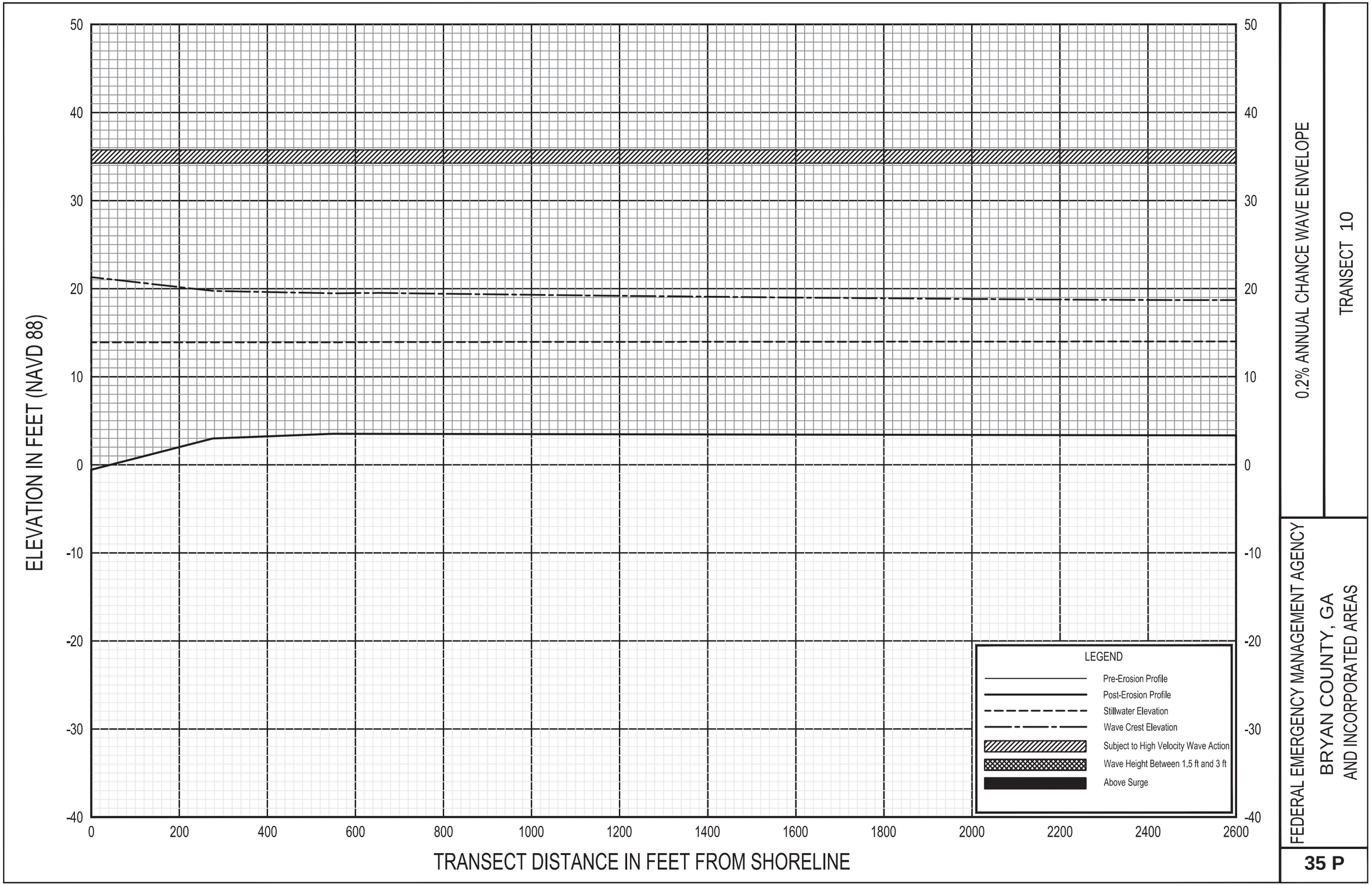
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

34 P




0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

**35 P**

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

2600 4600 6600 8600 10600 12600 14600 16600 18600 20600 22600 24600 26600 28600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 10

FEDERAL EMERGENCY MANAGEMENT AGENCY
BRYAN COUNTY, GA
AND INCORPORATED AREAS

36 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

28600 30600 32600 34600 36600 38600 40600 42600 44600 46600 48600 50600 52600 54600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

37 P

ELEVATION IN FEET (NAVD 88)

50
40
30
20
10
0
-10
-20
-30
-40

54600 56600 58600 60600 62600 64600 66600 68600 70600 72600 74600 76600 78600 80600

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

- Pre-Erosion Profile
- Post-Erosion Profile
- Stillwater Elevation
- Wave Crest Elevation
- Subject to High Velocity Wave Action
- Wave Height Between 1.5 ft and 3 ft
- Above Surge

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRYAN COUNTY, GA
AND INCORPORATED AREAS

38 P