

# FLOOD INSURANCE STUDY



## HORRY COUNTY, SOUTH CAROLINA AND INCORPORATED AREAS

VOLUME 3 OF 4

Community Name	Community Number
ATLANTIC BEACH, TOWN OF	450222
AYNOR, TOWN OF*	450105
BRIARCLIFFE ACRES, TOWN OF	450232
CONWAY, CITY OF	450106
HORRY COUNTY (UNINCORPORATED AREAS)	450104
LORIS, CITY OF	450108
MYRTLE BEACH, CITY OF	450109
NORTH MYRTLE BEACH, CITY OF	450110
SURFSIDE BEACH, TOWN OF	450111
* NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED	



REVISED:  
DECEMBER 16, 2021



**Federal Emergency Management Agency**

FLOOD INSURANCE STUDY NUMBER  
45051CV003B

**NOTICE TO  
FLOOD INSURANCE STUDY USERS**

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. Please contact the Community Map repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS Report at any time. In addition, FEMA may revise part of the FIS Report by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. Therefore, users should consult with community officials and check the Community Map Repository to obtain the most current FIS Report components.

Initial Countywide FIS

Effective Date: September 30, 1988

Revised Dates:

April 2, 1991  
September 3, 1992 (Flood Insurance Rate Map only)  
June 15, 1994  
August 23, 1999  
September 17, 2003  
December 16, 2021

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**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
Spring Swamp (continued)	301	30,126	779	56.6
	307	30,706	779	56.7
	311	31,079	779	56.8
	316	31,556	779	57.4
	319	31,907	779	57.9
Steritt Swamp	102	10,169	1,730	13.8 <sup>3</sup>
	115	11,482	1,730	13.8 <sup>3</sup>
	124	12,424	1,730	13.8 <sup>3</sup>
	129	12,933	1,674	13.8 <sup>3</sup>
	135	13,527	1,674	13.8 <sup>3</sup>
	141	14,112	1,674	13.8 <sup>3</sup>
	148	14,762	1,635	13.8 <sup>3</sup>
	155	15,477	1,635	13.8 <sup>3</sup>
	161	16,128	1,635	13.8 <sup>3</sup>
	168	16,840	1,635	13.8 <sup>3</sup>
	170	16,969	1,635	13.8
	170	17,022	1,635	13.8
	179	17,922	1,577	14.3
	180	18,026	1,577	14.7
	181	18,097	1,577	14.7
	187	18,657	1,577	15.0
	Tilly Swamp	007	661	1,430
014		1,377	1,422	14.9 <sup>3</sup>
019		1,909	1,422	14.9 <sup>3</sup>
024		2,415	1,422	14.9 <sup>3</sup>
030		2,961	1,422	14.9 <sup>3</sup>
037		3,706	1,422	14.9 <sup>3</sup>
038		3,809	1,422	14.9 <sup>3</sup>
039		3,894	1,422	14.9 <sup>3</sup>
045		4,515	1,422	14.9 <sup>3</sup>
051		5,078	1,422	14.9 <sup>3</sup>
056		5,579	1,381	15.3
061		6,092	1,381	15.8
066		6,592	1,381	16.2
072		7,152	1,313	16.8
077		7,737	1,286	17.3
083		8,337	1,286	17.8
090		9,032	1,286	18.2
096		9,601	1,249	18.8
102		10,180	1,249	19.6
108	10,764	1,249	20.2	
112	11,165	1,249	20.7	
117	11,715	1,249	21.4	
123	12,286	1,249	22.1	

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
Tilly Swamp (continued)	126	12,617	1,249	22.3
	133	13,316	276	22.5
	140	13,966	276	22.9
Tod Swamp	037	3,708	982	17.7 <sup>5</sup>
	040	4,003	982	18.0 <sup>5</sup>
	044	4,420	940	19.0 <sup>5</sup>
	045	4,511	940	19.3 <sup>5</sup>
	046	4,613	940	19.3 <sup>5</sup>
	050	5,003	940	19.3 <sup>5</sup>
	055	5,497	940	19.3 <sup>5</sup>
	061	6,139	940	19.4 <sup>3</sup>
	062	6,218	940	19.9
	148	14,762	1,635	13.8 <sup>3</sup>
	070	7,004	912	20.3
	075	7,501	912	20.4
	080	8,005	912	20.5
	085	8,501	912	20.6
	091	9,096	912	20.7
	092	9,161	912	21.2
	092	9,242	912	21.2
096	9,592	863	21.6	
Tredwell Swamp	004	408	1,110	36.6 <sup>3</sup>
	009	916	1,110	36.6 <sup>3</sup>
	014	1,353	1,110	36.6 <sup>3</sup>
	020	2,006	1,110	37.8
	023	2,334	1,110	38.2
	026	2,582	1,110	38.6
	031	3,124	1,110	39.7
	035	3,540	1,110	40.2
	042	4,180	1,059	40.9
	048	4,775	1,059	41.6
	053	5,261	1,030	42.3
	056	5,581	1,030	42.7
	061	6,139	1,030	43.4
	065	6,544	1,030	43.9
	075	7,479	1,030	44.6
	077	7,749	1,030	44.8
	083	8,342	1,030	45.5
088	8,783	1,030	46.1	
093	9,294	1,030	46.8	
096	9,622	997	47.1	
100	10,026	997	47.3	
106	10,576	997	47.8	
113	11,269	997	48.3	
116	11,604	997	48.6	

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
Tredwell Swamp (continued)	118	11,841	997	48.9
	122	12,157	950	49.2
	123	12,342	950	49.9
	124	12,447	950	49.9
	127	12,679	950	50.2
	132	13,178	950	51.0
	137	13,678	950	51.6
	141	14,145	950	52.3
	148	14,772	903	53.4
	153	15,285	903	54.2
	159	15,937	903	55.1
	164	16,370	903	55.7
	169	16,872	903	56.7
	174	17,364	903	57.4
	177	17,697	903	57.8
	184	18,430	857	59.0
	189	18,933	857	59.6
	194	19,437	857	60.2
	199	19,875	857	61.2
	205	20,461	857	62.0
	210	20,961	857	62.6
	215	21,510	857	63.3
	217	21,699	857	63.5
	218	21,791	857	64.4
	219	21,890	857	64.4
	220	21,984	807	64.5
	225	22,481	807	64.9
	230	22,983	807	65.4
	236	23,575	807	65.8
	240	24,018	807	66.3
	243	24,346	807	67.0
	245	24,544	807	67.2
	247	24,698	807	68.0
	248	24,848	807	68.0
	250	25,011	807	68.0
	254	25,440	752	68.5
	259	25,854	752	69.3
	259	25,934	752	71.1
	260	25,986	752	71.1
	263	26,291	752	71.2
	269	26,890	752	71.7
	270	27,018	752	77.9
	271	27,095	752	77.9
	276	27,609	752	77.9
	280	28,001	752	77.9

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
Tredwell Swamp (continued)	284	28,428	752	77.9
	290	29,042	490	78.0
	294	29,424	490	78.0
	298	29,802	490	78.2
	302	30,157	490	78.3
	305	30,521	490	78.5
	310	31,024	490	79.1
	311	31,064	490	79.7
	311	31,112	490	79.7
	314	31,415	490	80.6
	315	31,503	490	88.2
	316	31,566	490	88.2
	320	32,016	490	88.2
	323	32,324	490	88.2
	325	32,542	490	88.2
	329	32,874	490	88.2
Unnamed Tributary 2	002	182	702	46.1
	005	454	702	47.1
	008	752	702	47.5
	011	1,065	702	47.6
	014	1,373	702	47.7
	016	1,567	702	47.8
	019	1,907	702	48.4
	023	2,257	702	48.8
	028	2,810	653	49.2
	033	3,290	653	49.7
	038	3,792	653	50.4
	041	4,135	447	50.8
Unnamed Tributary 3	007	715	532	22.6
	011	1,050	532	23.4
	014	1,400	532	24.5
	017	1,650	532	25.8
Waccamaw River Tributary 1 (downstream portion)	161	16,113	615	11.9 <sup>3</sup>
	164	16,423	615	11.9 <sup>3</sup>
	166	16,636	615	11.9 <sup>3</sup>
	169	16,926	615	12.9
	172	17,182	615	13.7
	172	17,202	615	14.2
	172	17,218	615	14.2
	174	17,356	615	14.8
	175	17,548	615	15.4
	178	17,799	615	16.4
	179	17,879	615	16.8
	180	17,951	615	17.0

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
Waccamaw River Tributary 1 (downstream portion) (continued)	180	18,017	615	17.3
	181	18,107	615	17.5
	182	18,204	615	17.6
	184	18,363	615	17.7
	185	18,451	615	18.4
	186	18,606	615	19.3
	187	18,705	615	19.9
	188	18,800	615	20.3
	189	18,924	615	20.5
	193	19,307	615	21.5
	193	19,348	615	22.4
	194	19,431	615	22.4
	196	19,601	615	22.6
	196	19,645	615	22.6
Waccamaw River Tributary 1 (upstream portion)	240	23,992	94	36.2
	241	24,094	94	37.7
	243	24,311	94	39.0
	244	24,430	94	39.7
	246	24,623	94	40.2
Waccamaw River Tributary 3 (downstream portion)	065	6,504	1,023	12.1 <sup>3</sup>
	070	7,042	1,023	12.1 <sup>3</sup>
	073	7,312	1,023	12.1 <sup>3</sup>
	074	7,397	1,023	12.1 <sup>3</sup>
	075	7,547	1,023	12.1 <sup>3</sup>
	078	7,843	738	12.1 <sup>3</sup>
	081	8,064	738	12.1 <sup>3</sup>
	084	8,415	738	12.1 <sup>3</sup>
	085	8,460	738	12.1 <sup>3</sup>
Waccamaw River Tributary 3 (upstream portion)	149	14,886	268	36.0
	151	15,122	268	36.1
	152	15,247	268	36.3
	154	15,399	268	38.6
	155	15,532	268	39.4
	158	15,753	268	40.7
	160	16,031	103	41.3
	161	16,115	103	41.3
	162	16,152	103	41.3
	162	16,187	103	41.3
	162	16,225	103	41.3
164	16,437	103	42.1	

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
Waccamaw River Tributary 4	046	4,639	150	37.0
	048	4,840	150	39.3
	051	5,120	150	40.0
	054	5,391	150	40.6
	056	5,563	150	41.0
Waccamaw River Tributary 5	067	6,747	282	12.5 <sup>3</sup>
	068	6,842	282	12.5 <sup>3</sup>
	070	6,979	282	12.5 <sup>3</sup>
	072	7,184	282	13.3
	073	7,333	282	14.0
	076	7,591	282	15.5
	078	7,766	282	17.1
Waccamaw River Tributary 6	005	471	222	11.9 <sup>3</sup>
	006	636	222	11.9 <sup>3</sup>
	008	828	222	11.9 <sup>3</sup>
	010	973	222	11.9 <sup>3</sup>
	012	1,155	222	11.9 <sup>3</sup>
	014	1,387	222	11.9 <sup>3</sup>
	015	1,534	222	11.9 <sup>3</sup>
Waccamaw River Tributary 9	101	10,123	352	14.9 <sup>3</sup>
	104	10,430	352	14.9 <sup>3</sup>
	106	10,601	352	14.9 <sup>3</sup>
	107	10,668	352	20.0
	107	10,723	352	20.0
	109	10,923	352	20.0
	113	11,293	320	20.0
	116	11,584	320	20.0
	120	11,961	320	20.0
	123	12,254	320	20.0
	125	12,482	320	20.1
	130	12,986	320	20.3
West Bear Branch	028	2,754	734	32.9 <sup>5</sup>
	032	3,194	734	33.0 <sup>5</sup>
	036	3,608	687	33.2 <sup>5</sup>
	039	3,916	687	33.4 <sup>5</sup>
	039	3,940	687	33.4 <sup>5</sup>
	040	3,962	687	33.4 <sup>5</sup>
	043	4,316	687	34.3 <sup>5</sup>
	048	4,773	615	35.0 <sup>3</sup>
	053	5,281	615	35.6
	059	5,927	615	36.6
White Oak Swamp	064	6,412	615	37.1
	003	281	2,847	29.5 <sup>3</sup>
	012	1,241	2,847	30.3
	017	1,717	2,847	30.7

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
White Oak Swamp (continued)	025	2,453	2,847	31.6
	031	3,066	2,847	32.1
	037	3,687	2,847	32.6
	043	4,322	2,847	33.0
	049	4,861	2,847	33.4
	054	5,402	2,808	33.6
	060	6,047	2,808	33.9
	065	6,490	2,808	34.1
	070	6,985	2,786	34.6
	071	7,100	2,786	36.8
	072	7,167	2,786	36.8
	075	7,501	2,786	37.3
	082	8,183	2,786	37.4
	089	8,852	2,786	37.5
	094	9,413	2,786	37.5
	100	10,029	2,732	37.7
	106	10,599	2,672	37.8
	111	11,091	2,672	37.9
	117	11,679	2,672	38.0
	122	12,223	2,602	38.1
	129	12,899	2,602	38.2
	135	13,523	2,602	38.5
	140	14,046	2,602	38.9
	146	14,598	2,602	39.5
	159	15,871	1,323	41.0
	169	16,876	1,323	42.4
	176	17,624	1,323	43.5
	184	18,376	1,289	44.5
	189	18,916	1,249	44.9
	195	19,486	1,249	45.3
	200	20,034	1,249	45.8
	203	20,307	1,249	46.2
	204	20,364	1,249	47.4
	205	20,450	1,249	47.4
	209	20,869	1,249	47.9
	216	21,550	1,132	48.3
	222	22,168	1,132	48.9
	227	22,669	1,132	49.5
	231	23,137	1,132	49.9
	236	23,646	1,001	50.2
	241	24,057	1,001	50.6
	246	24,615	1,001	51.0
	252	25,172	964	51.5
	252	25,229	964	52.1
	253	25,286	964	52.1

**Table 12 – Flood Hazard Data for Selected Streams – continued**

Flooding Source <sup>1</sup>	Cross Section	Stream Station <sup>2</sup>	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)
White Oak Swamp (continued)	255	25,493	964	52.4
	260	26,025	964	53.2
	267	26,721	964	54.5
	271	27,087	964	55.4
	276	27,561	439	56.2
	280	28,045	439	57.4
	286	28,638	439	58.9
	Willow Springs Branch	049	4,928	177
053		5,304	177	27.3
056		5,626	177	27.7
057		5,700	177	27.8
058		5,786	177	28.0
059		5,880	177	29.0

<sup>1</sup> This table reflects all modeled cross sections; some cross sections shown in this table may not appear on the map.

<sup>2</sup> Feet above mouth

<sup>3</sup> Elevation includes backwater effects

<sup>4</sup> Elevation determined from 2D modeling analysis

<sup>5</sup> Elevation includes flooding controlled by effects

## **5.0 INSURANCE APPLICATIONS**

For flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. The zones are as follows:

### Zone A

Zone A is the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or depths are shown within this zone.

### Zone AE

Zone AE is the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by detailed methods. In most instances, whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

### Zone VE

Zone VE is the flood insurance rate zone that corresponds to the 1-percent-annual-chance coastal floodplains that have additional hazards associated with storm waves.

Whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

### Zone X

Zone X is the flood insurance rate zone that corresponds to areas outside the 0.2-percent-annual-chance floodplain, areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1.0 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1.0 square mile, and areas protected from the 1-percent-annual-chance flood by levees. No BFEs or depths are shown within this zone.

## **6.0 FLOOD INSURANCE RATE MAP**

The FIRM is designed for flood insurance and floodplain management applications.

For flood insurance applications, the map designates flood insurance rate zones as describe in Section 5.0 and, in the 1-percent-annual-chance floodplains that were studied by detailed methods, shows selected whole-foot BFEs or average depths. Insurance agents use the zones and BFEs in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

For floodplain management applications, the map shows by tints, screens, and symbols, the 1- and 0.2-percent-annual-chance floodplains, floodways and the locations of selected cross-sections used in the hydraulic analyses and floodway computations.

The countywide FIRM presents flooding information for the entire geographic area of Horry County. Previously, FIRM panels were prepared for each identified flood-prone incorporated community and the unincorporated areas of the county. This countywide FIRM also includes flood hazard information that was presented separately on Flood Boundary and Floodway Maps (FBFMs), where applicable. Historical data relating to the maps prepared for each community are presented in Table 13, “Community Map History”.

## **7.0 OTHER STUDIES**

This is a multi-volume FIS. Each volume may be revised separately, in which case it supersedes the previously printed volume. Users should refer to the Table of Contents in Volume 1 for the current effective date of each volume; volumes bearing these dates contain the most up-to-date flood hazard data.

FIS reports have been prepared for Dillon County, South Carolina, and Incorporated Areas; Georgetown County, South Carolina, and Incorporated Areas; Marion County, South Carolina and Incorporated Areas; Brunswick County, North Carolina and Incorporated Areas; and Columbus County, North Carolina and Incorporated Areas (Reference 39, 40, 41, 42, 43, & 44).

Because it is based on more up-to-date analyses, this FIS supersedes the previously printed countywide FIS for Horry County, South Carolina, and Incorporated Areas (Reference 45).

Some flood-related studies that are relevant to the study area include “Storm Tide Frequencies on the South Carolina Coast” and “National Shoreline Study, Regional Inventory Report: South Atlantic-Gulf Region, Puerto Rico, and the Virgin Islands, Appendix A” (Reference 46 & 47).

## **8.0 LOCATION OF DATA**

Information concerning the pertinent data used in the preparation of this study can be obtained by contacting FEMA, Mitigation Division, Koger Center - Rutgers Building, 3003 Chamblee Tucker Road, Atlanta, Georgia 30341.

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISIONS DATE	FIRM EFFECTIVE DATE	FIRM REVISIONS DATE
Atlantic Beach, Town of	August 23, 1974	October 10, 1975	May 15, 1978	March 2, 1983
Aynor, Town of	June 14, 1974	April 23, 1976	September 30, 1988	—
Briarcliffe Acres, Town of	June 15, 1979	—	June 15, 1979	March 2, 1983
Conway, City of	May 17, 1974	April 30, 1976	September 28, 1979	July 2, 1982 March 15, 1984
Horry County (Unincorporated Areas)	October 20, 1978	October 1, 1983	February 15, 1984	—
Loris, City of	June 21, 1974	April 16, 1976	September 1, 1986	—
Myrtle Beach, City of	September 20, 1974	—	July 5, 1977	October 27, 1978 March 2, 1983
North Myrtle Beach, City of	August 23, 1974	September 5, 1975	October 14, 1977	March 16, 1983
Surfside Beach, Town of	June 14, 1974	June 25, 1976	December 17, 1976	March 2, 1983

**TABLE 13**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**HORRY COUNTY, SC**  
AND INCORPORATED AREAS

**COMMUNITY MAP HISTORY**

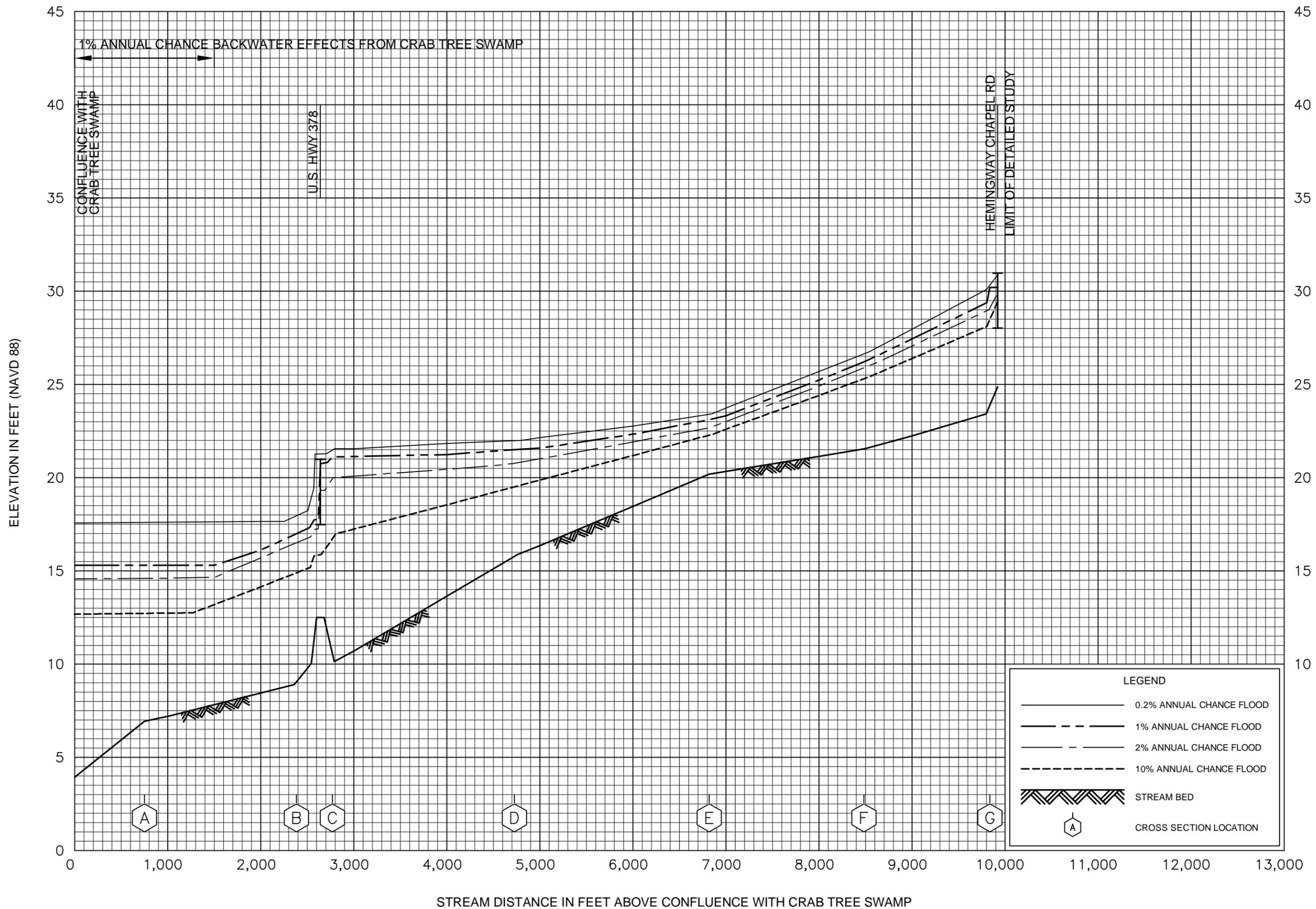
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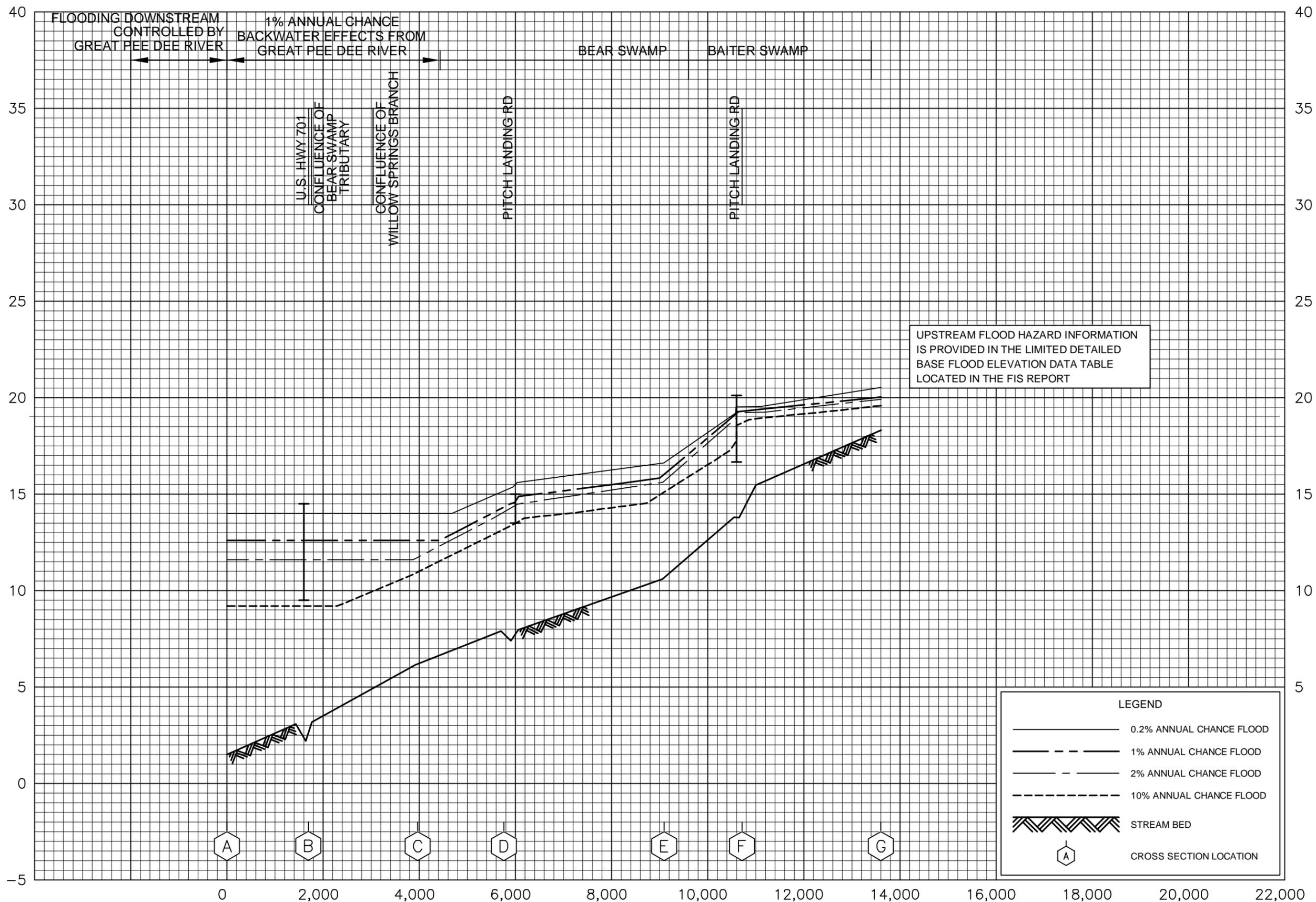
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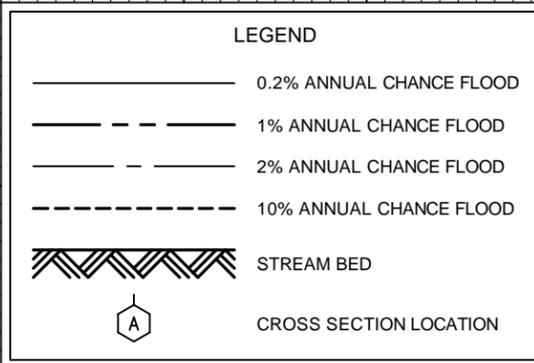
FLOOD PROFILES  
ALTMAN BRANCH

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Horry County, SC  
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY FOR BEAR SWAMP  
(LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,800 FEET DOWNSTREAM OF U.S. HIGHWAY 701)



FLOOD PROFILES

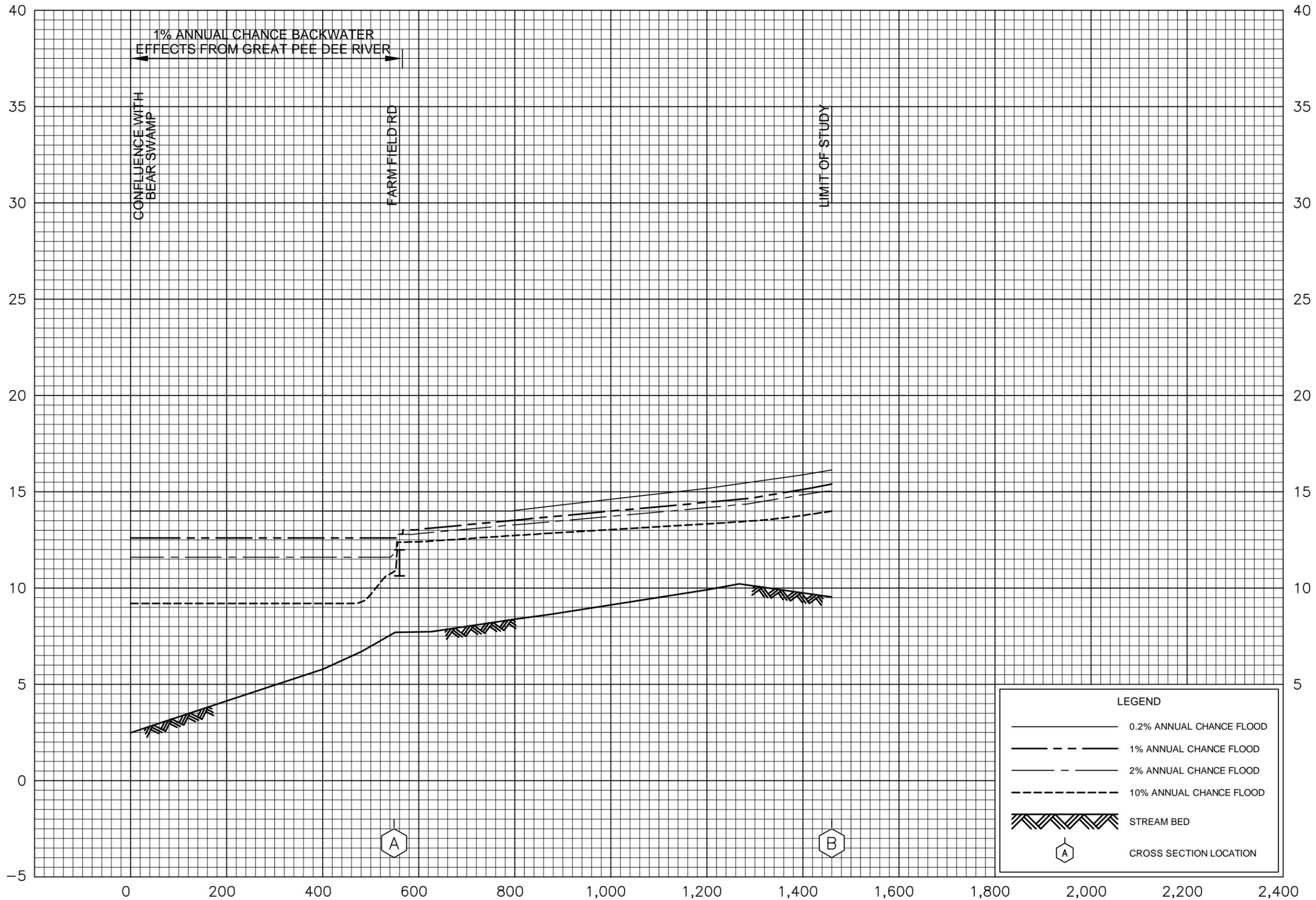
BEAR SWAMP - BAITER SWAMP

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HORRY COUNTY, SC  
AND INCORPORATED AREAS

02P

ELEVATION IN FEET (NAVD 88)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BEAR SWAMP

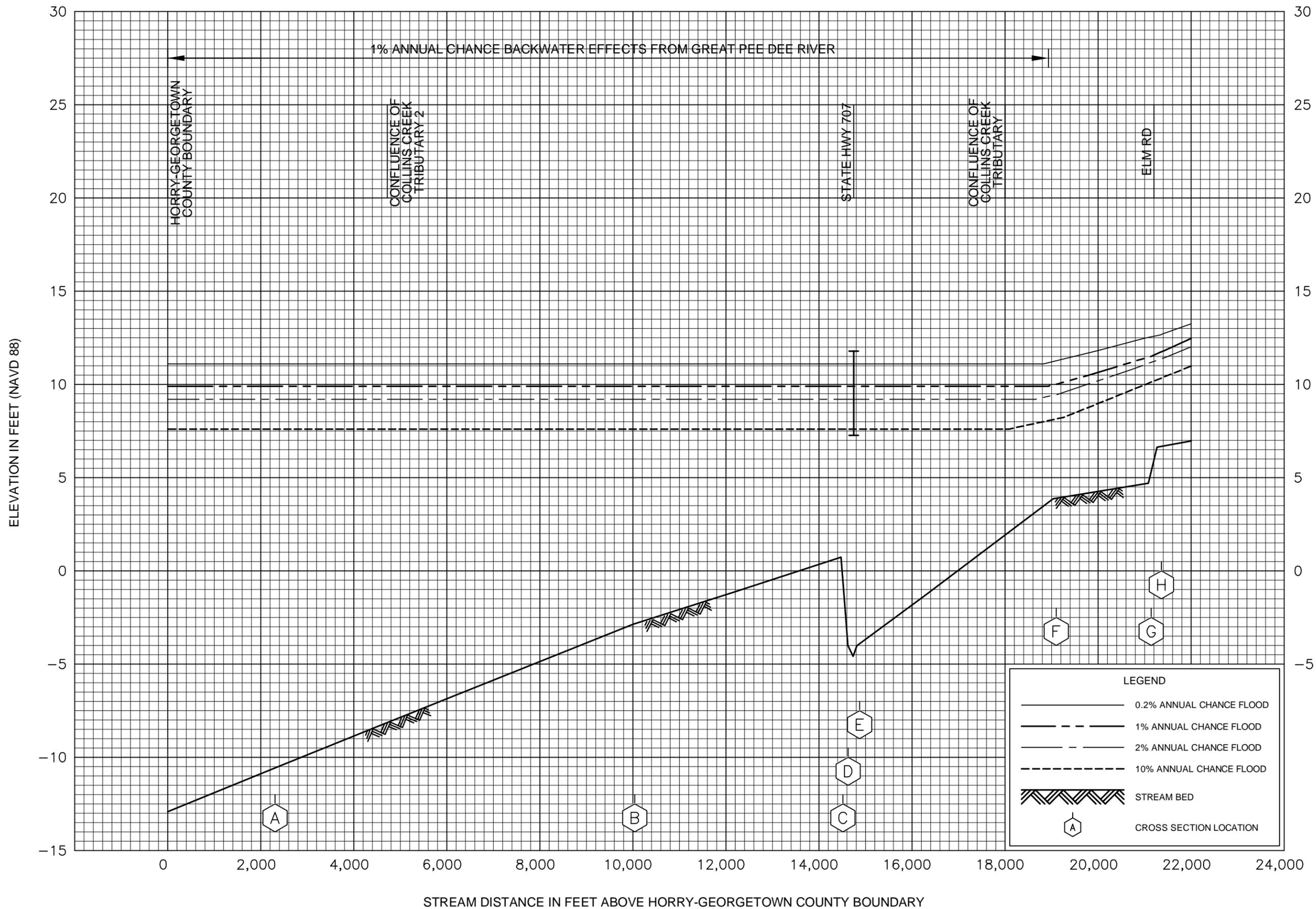
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BEAR SWAMP TRIBUTARY

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03P



FLOOD PROFILES

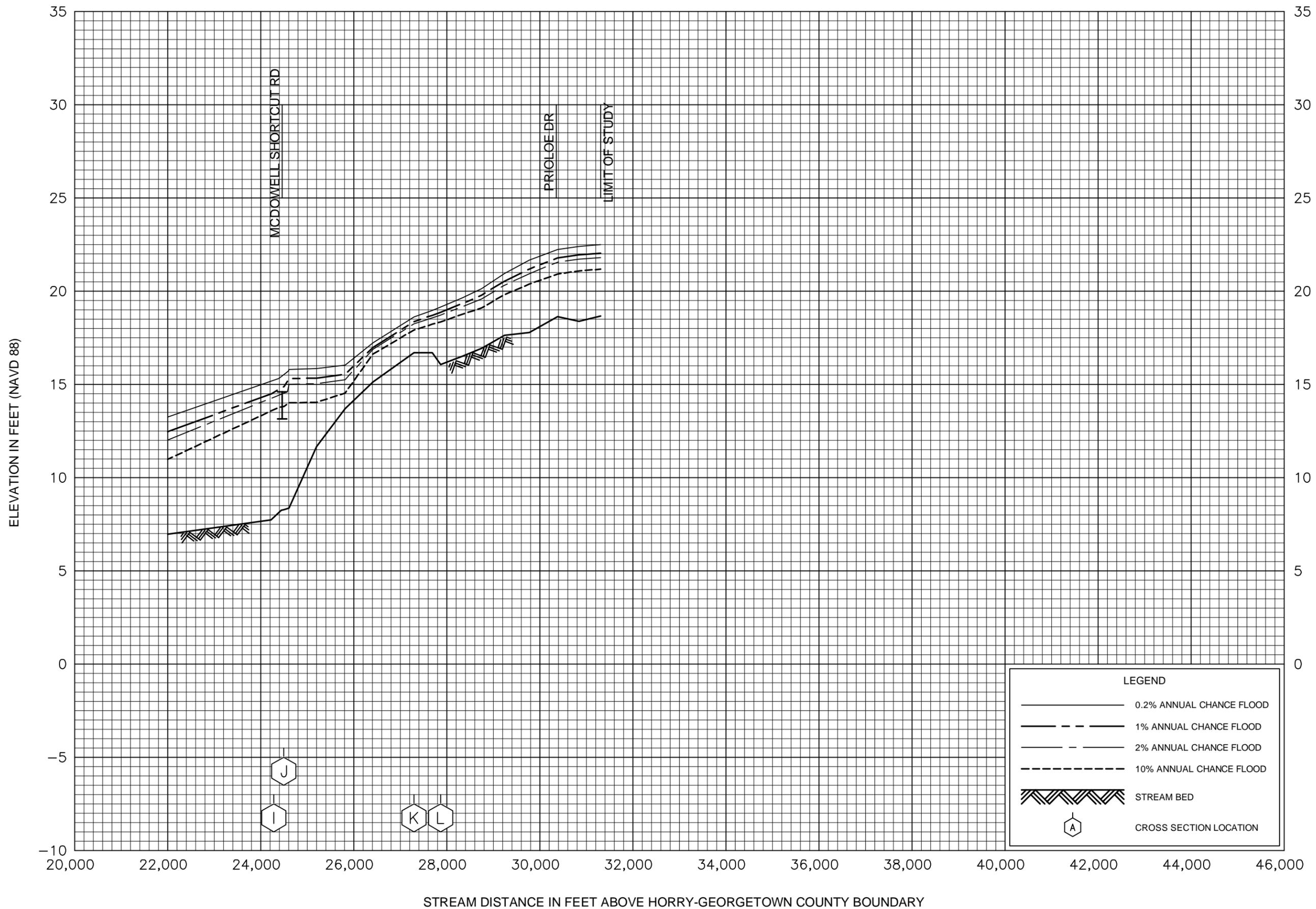
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AND INCORPORATED AREAS

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FLOOD PROFILES

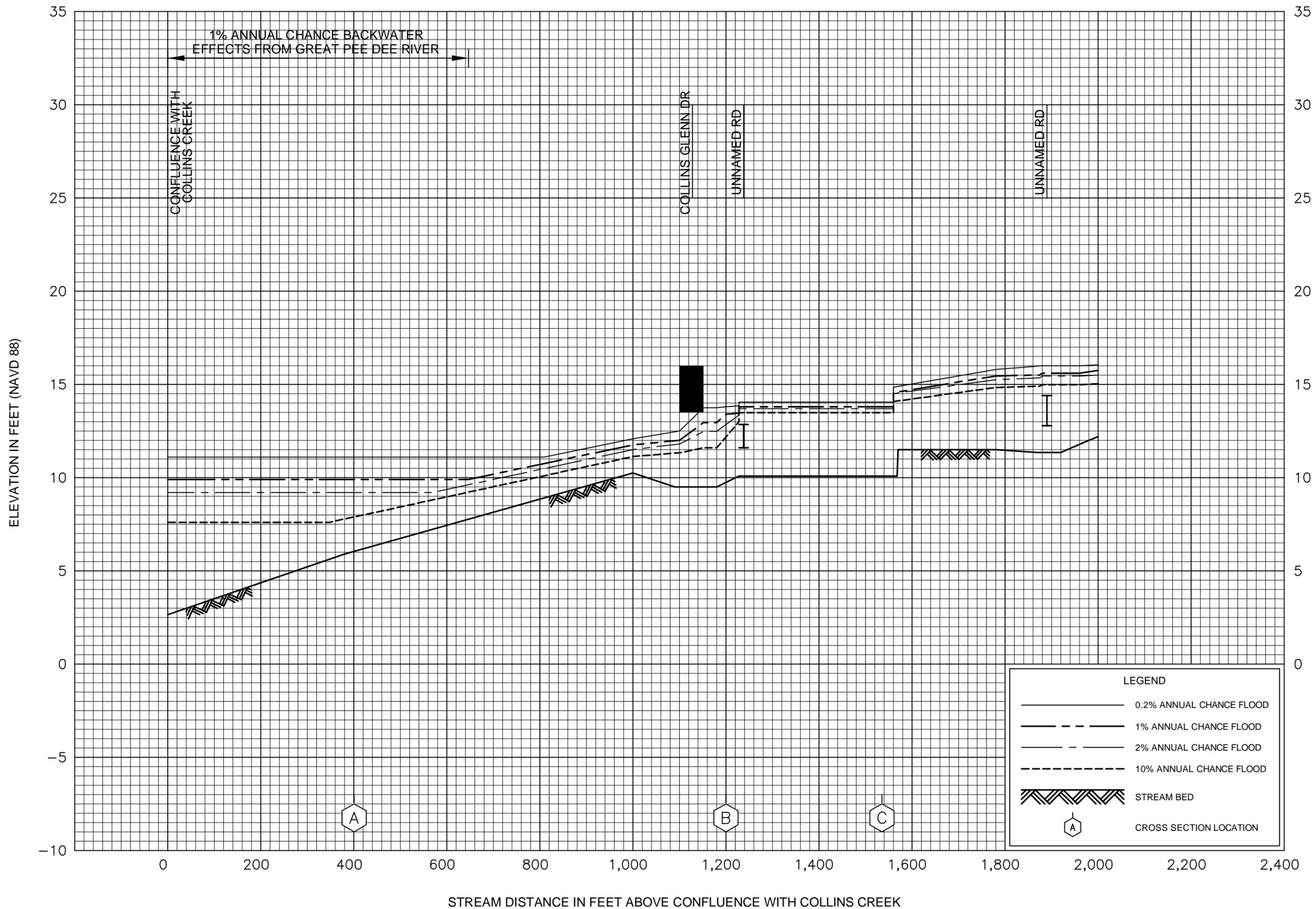
COLLINS CREEK

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HORRY COUNTY, SC

AND INCORPORATED AREAS

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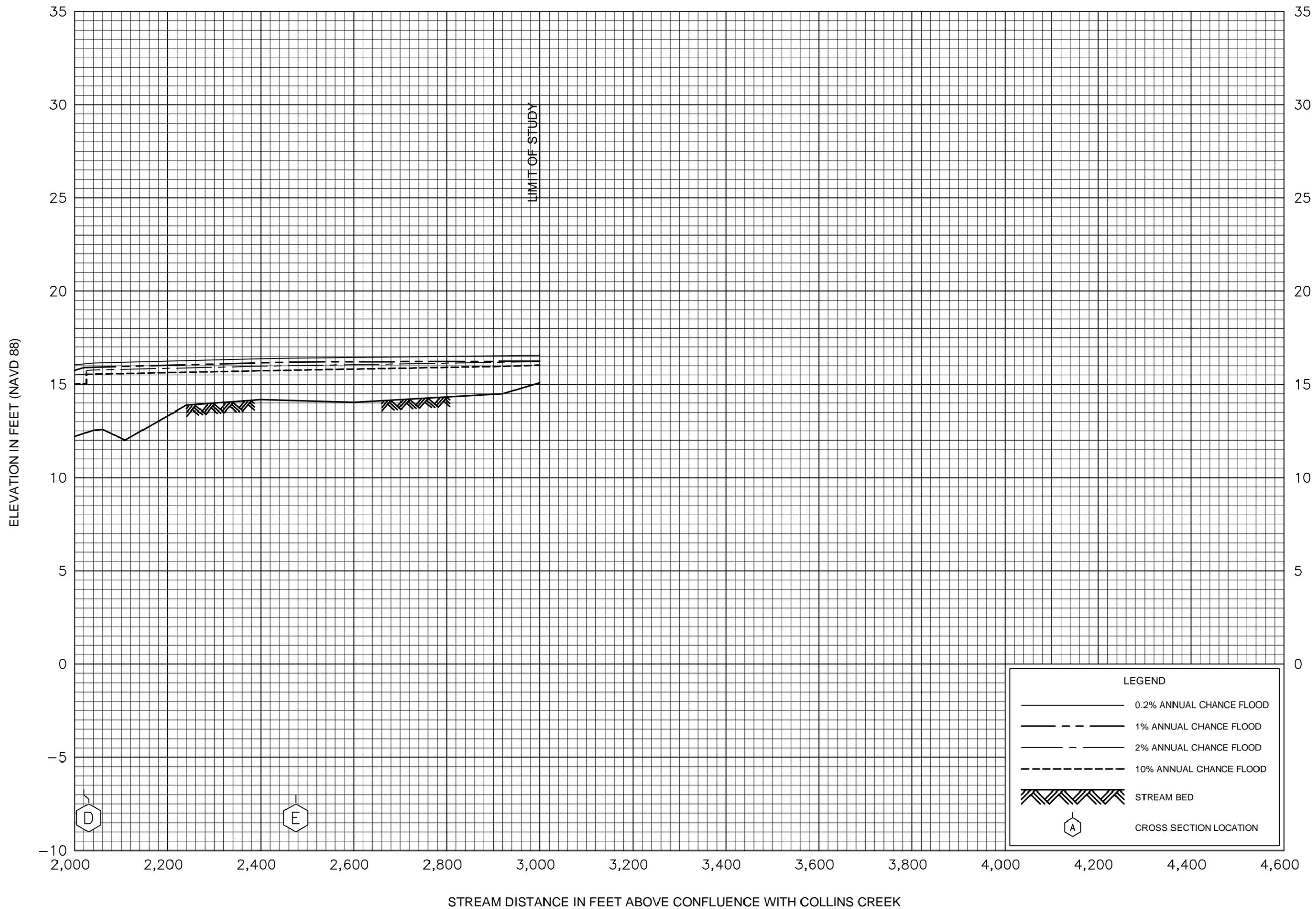


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COLLINS CREEK TRIBUTARY

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AND INCORPORATED AREAS

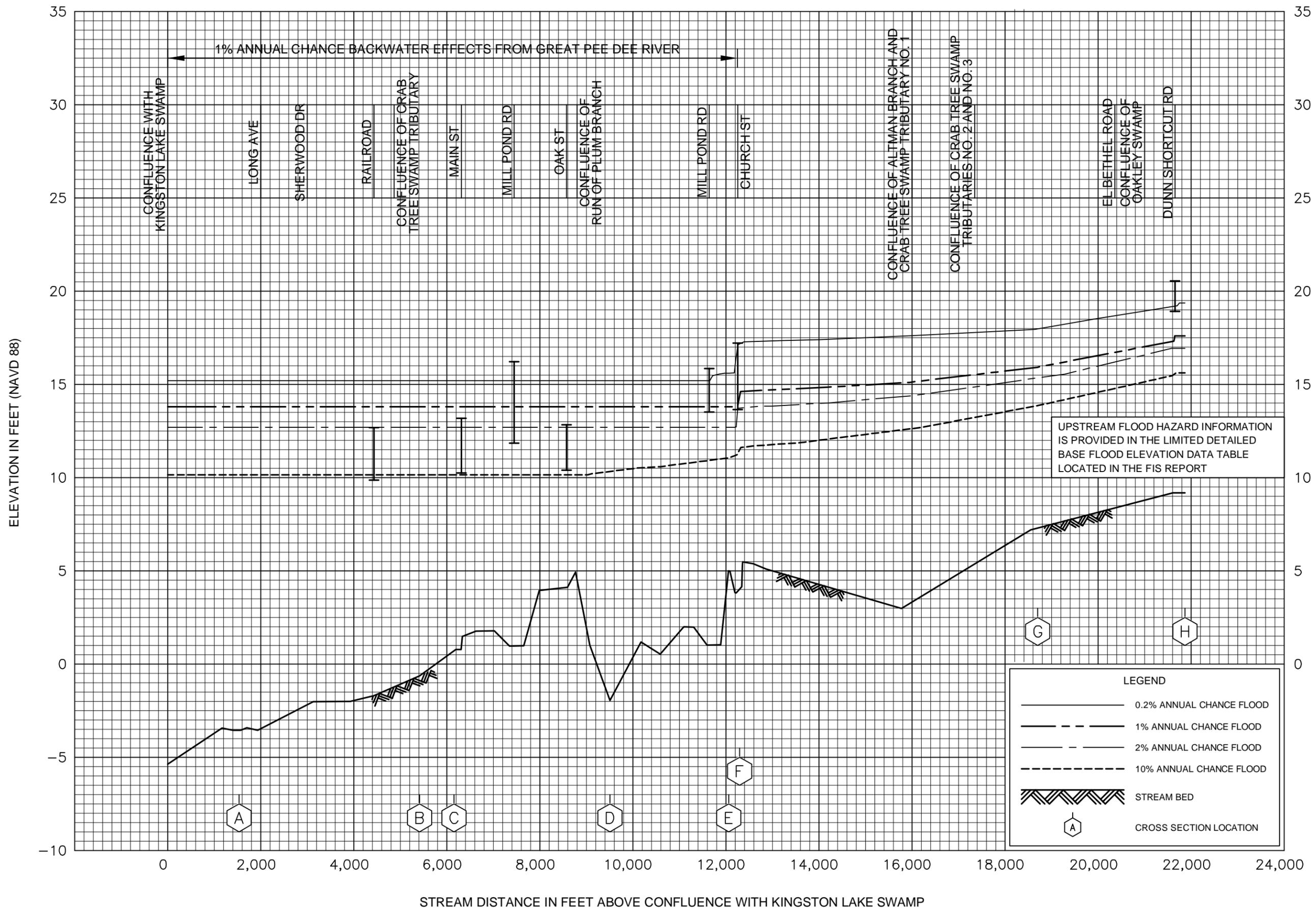


FLOOD PROFILES

COLLINS CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

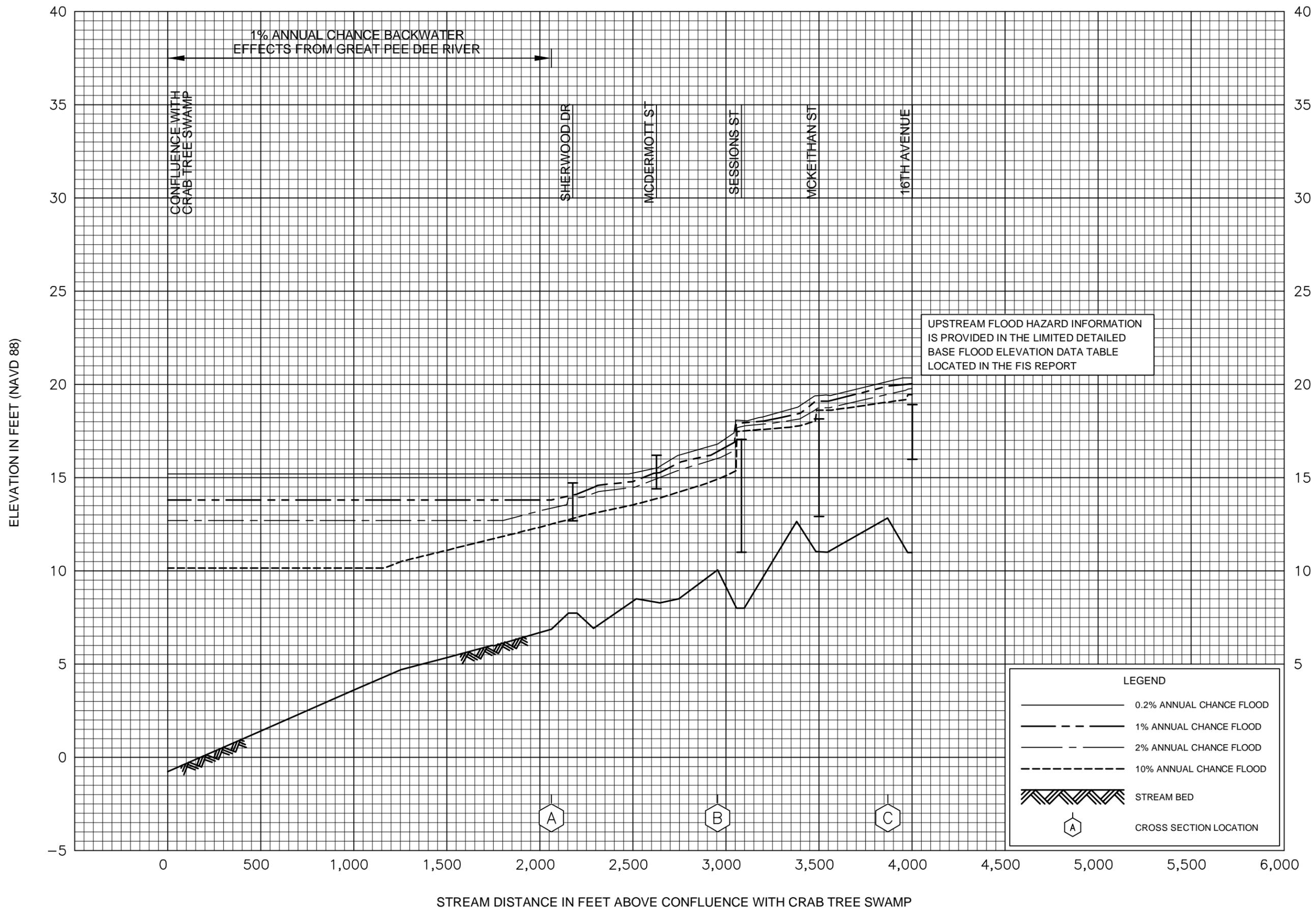
HORRY COUNTY, SC  
AND INCORPORATED AREAS



FLOOD PROFILES

CRAB TREE SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Horry County, SC  
 AND INCORPORATED AREAS



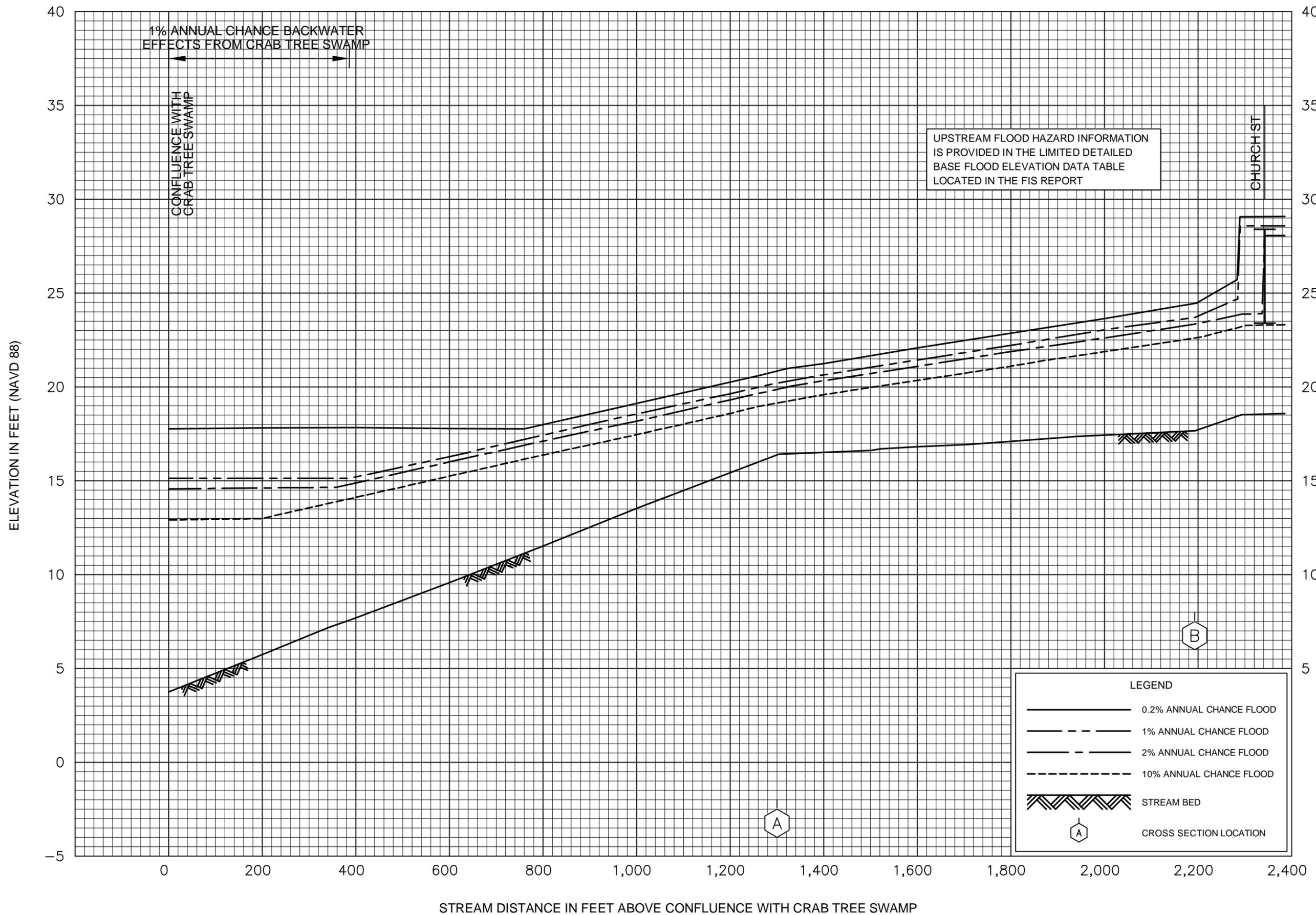
FLOOD PROFILES

CRAB TREE SWAP TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

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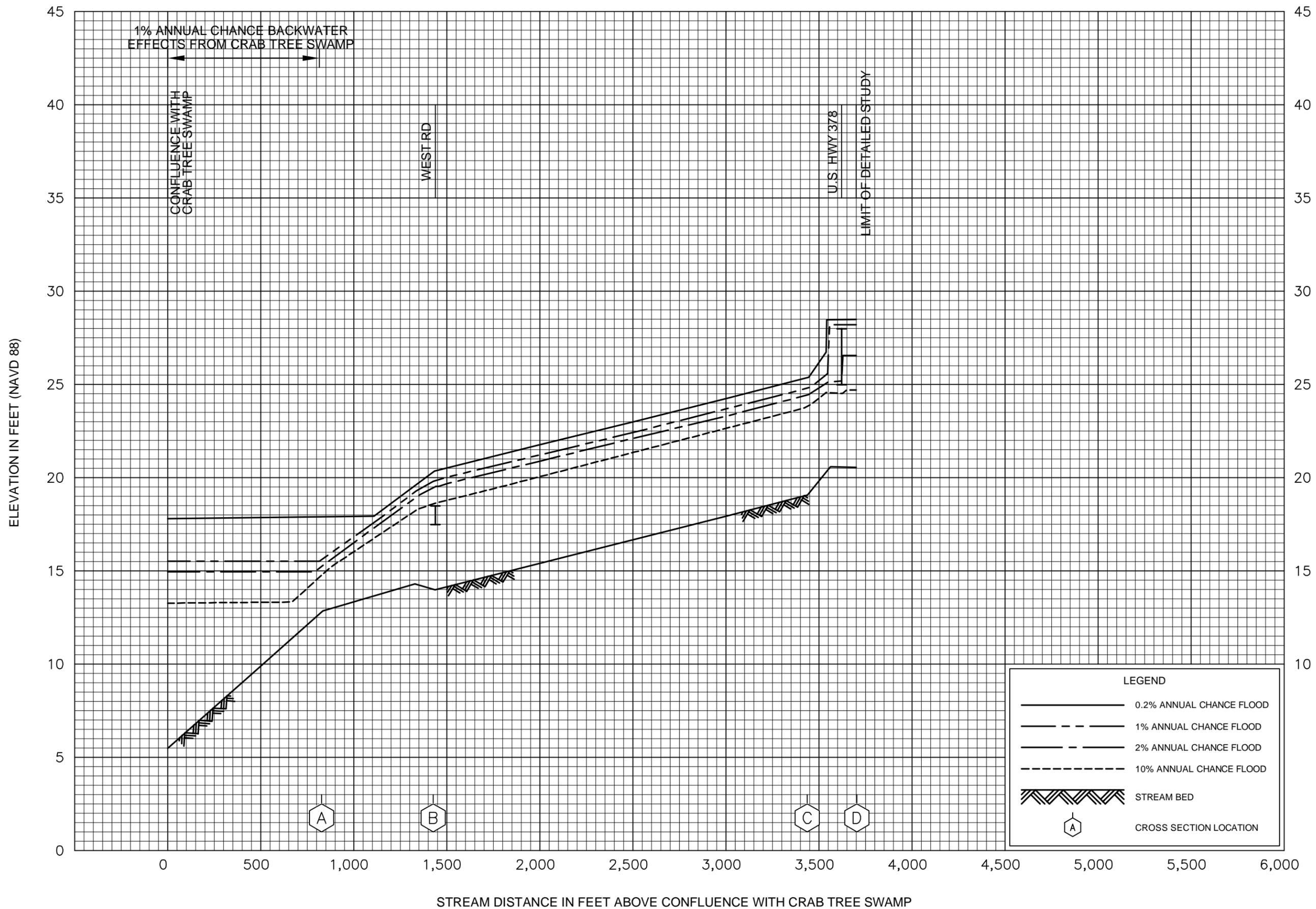


FLOOD PROFILES

CRAB TREE SWAMP TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

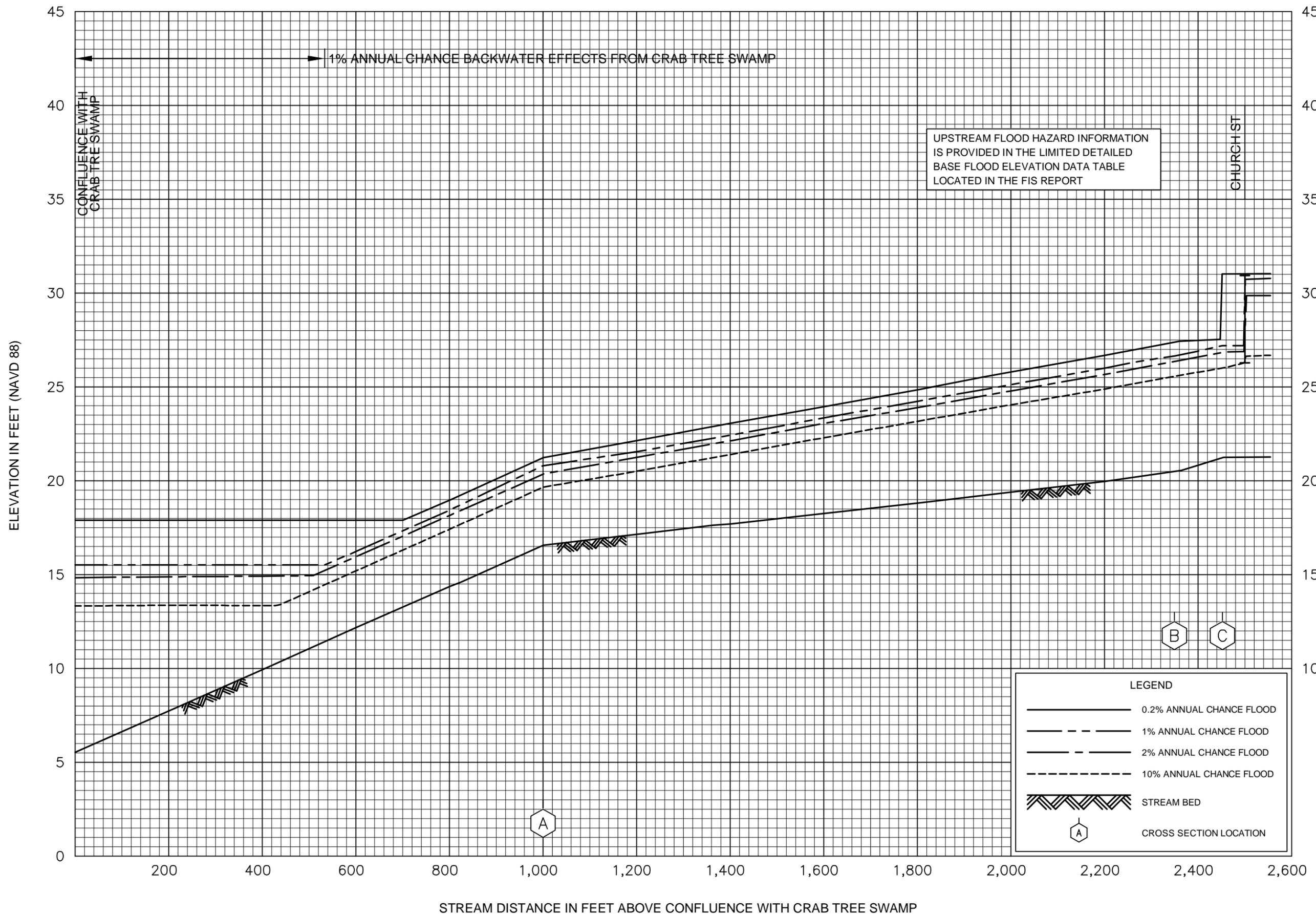


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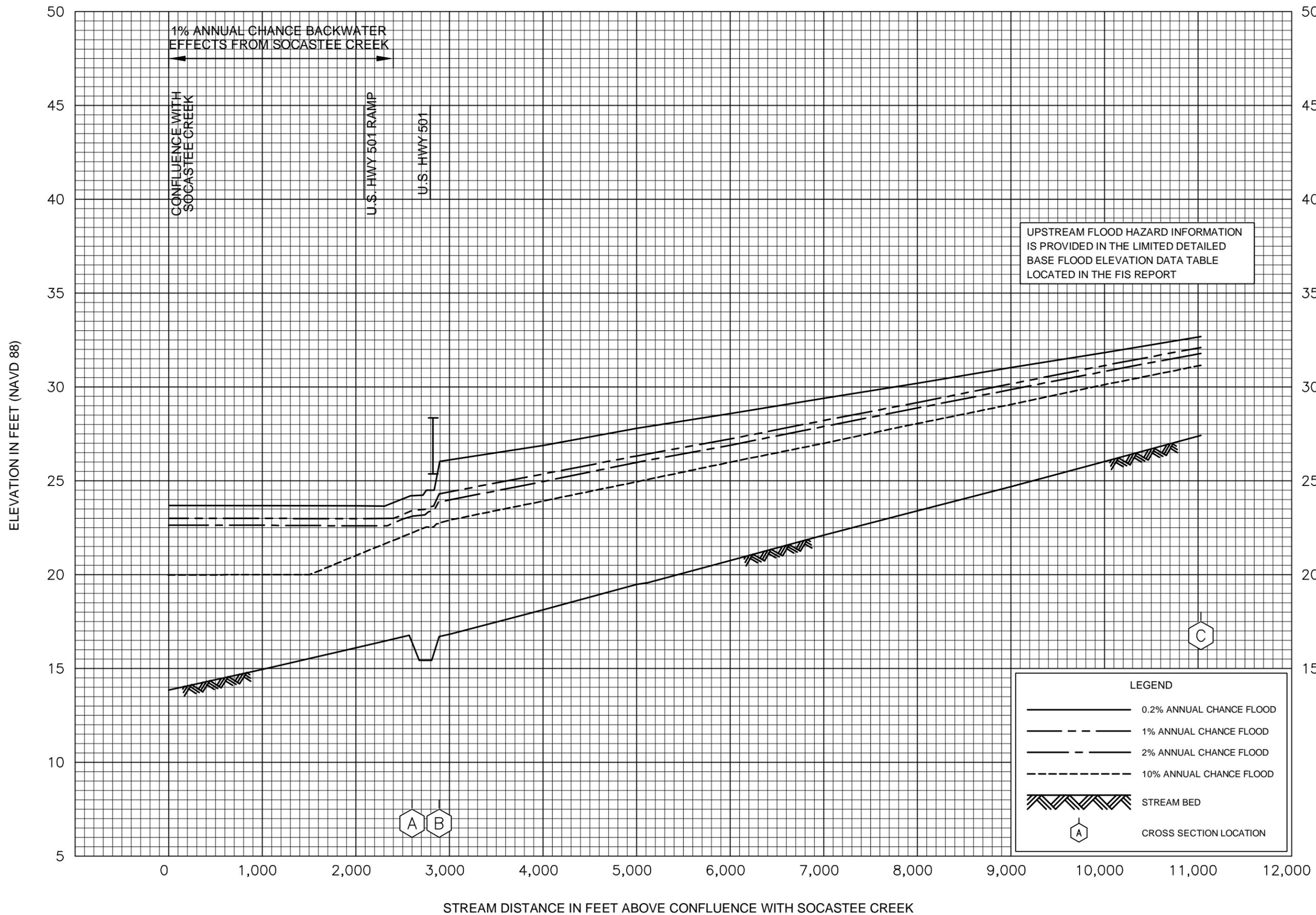
FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS



FLOOD PROFILES  
CRAB TREE SWAMP TRIBUTARY NO. 3

FEDERAL EMERGENCY MANAGEMENT AGENCY  
Horry County, SC  
AND INCORPORATED AREAS



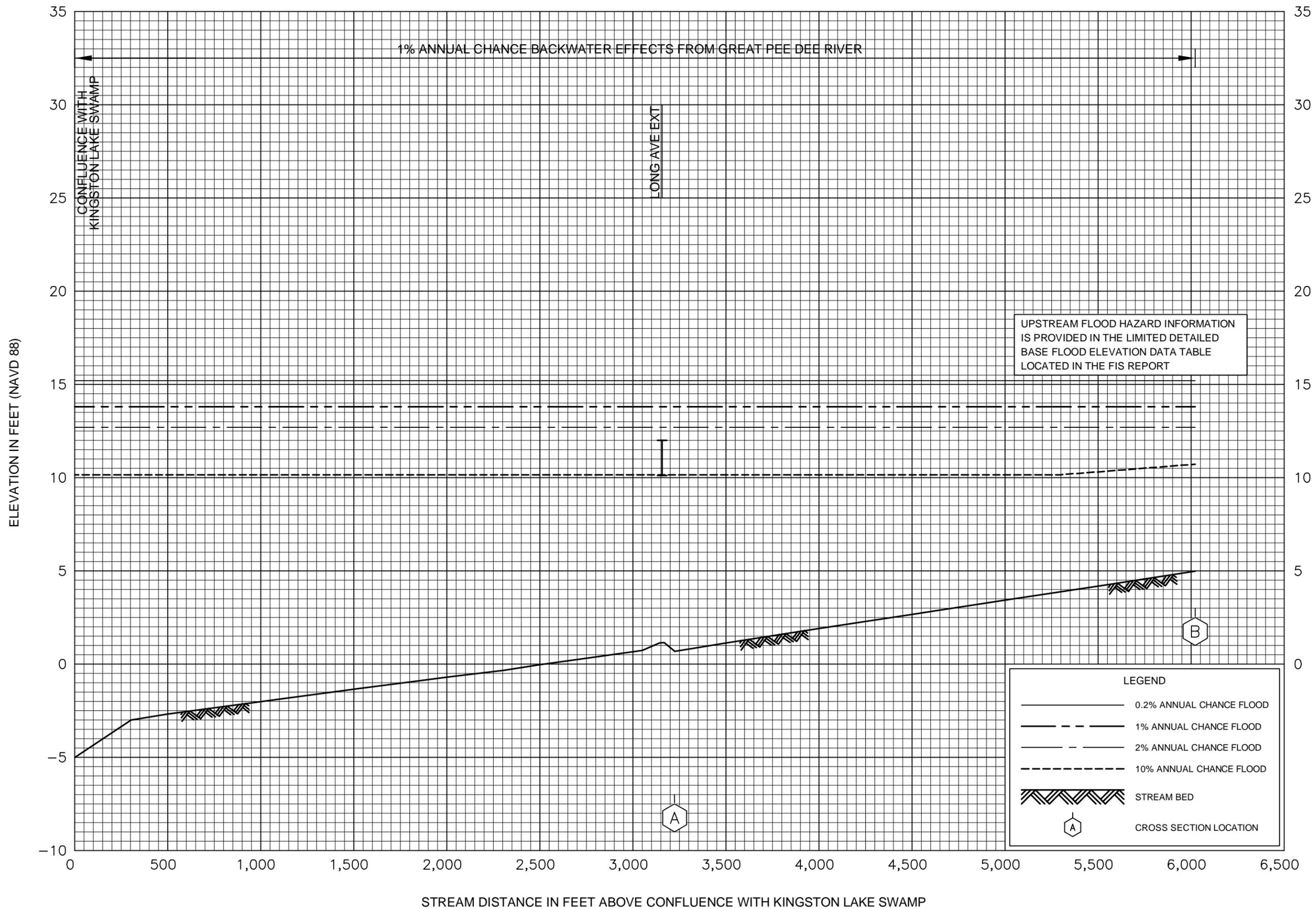
FLOOD PROFILES

CROSS SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

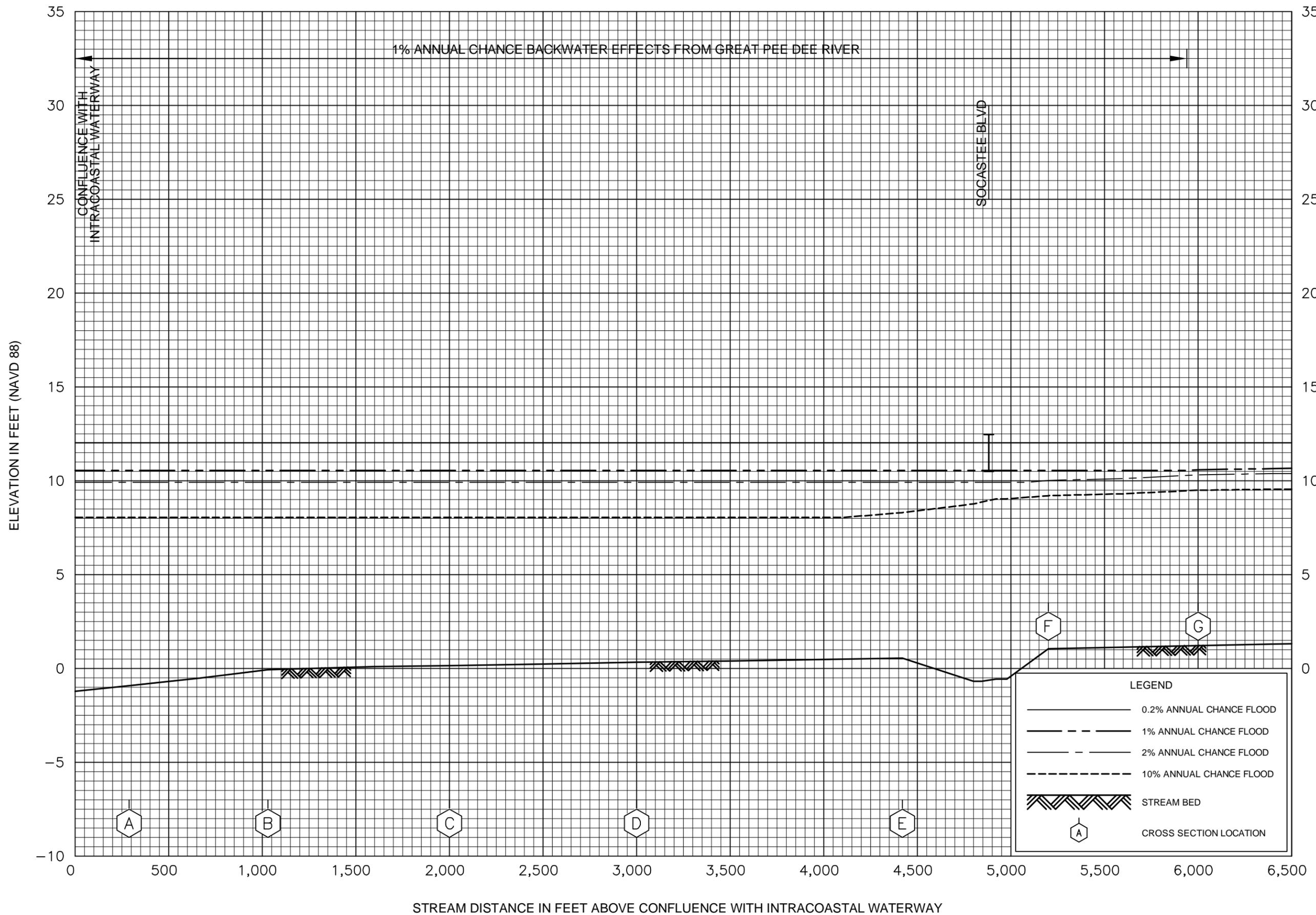


FLOOD PROFILES

GRIER SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

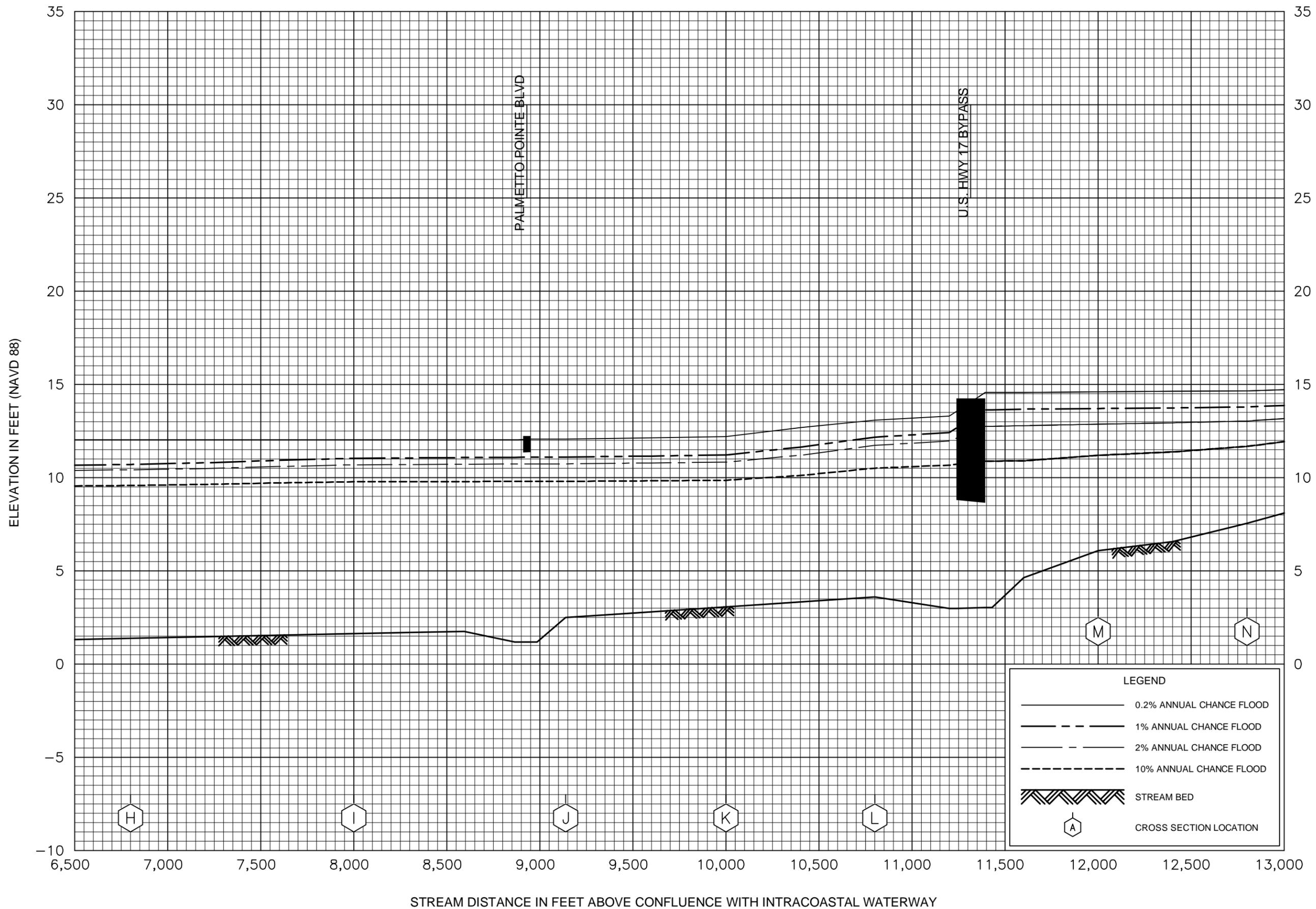


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

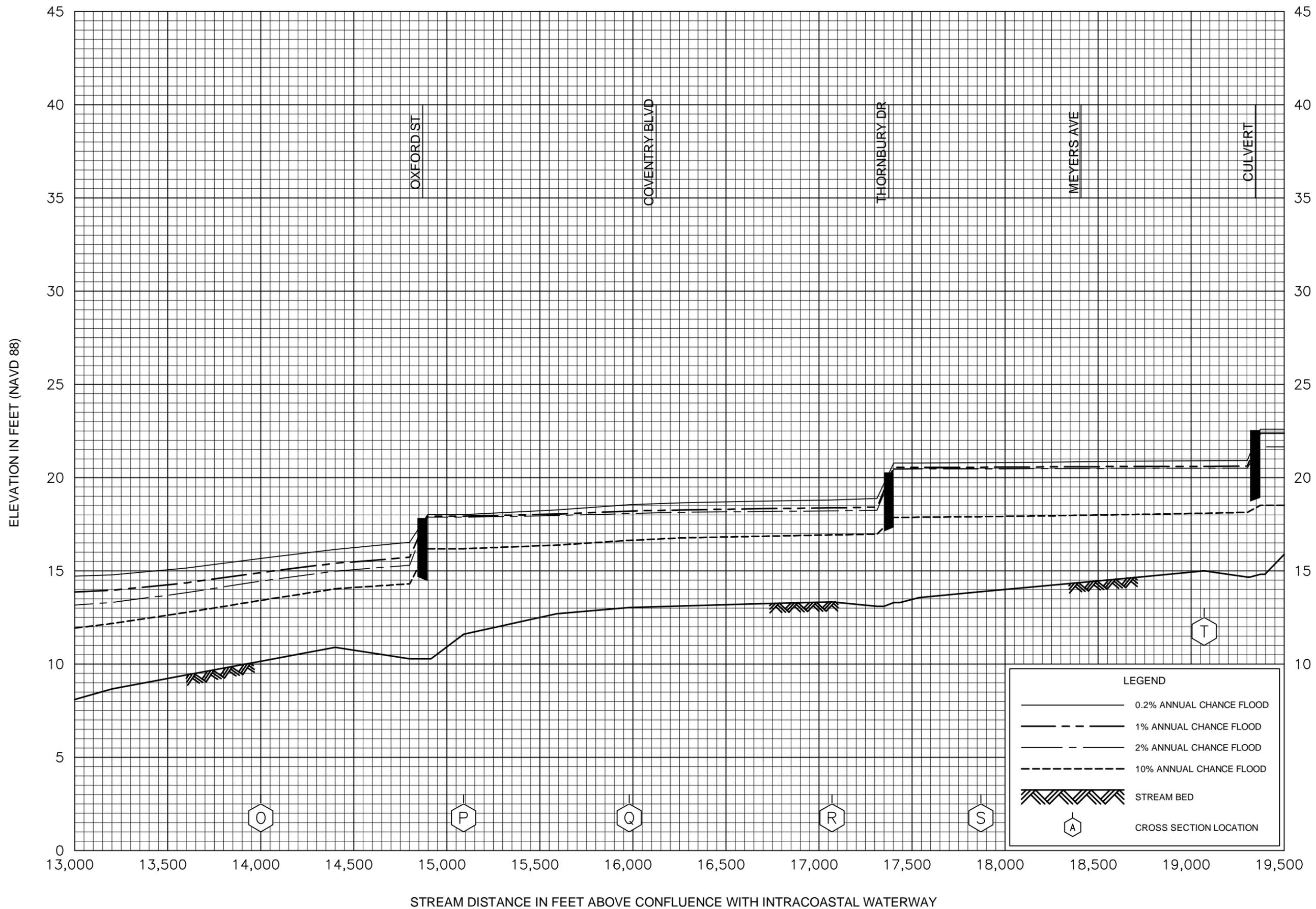


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

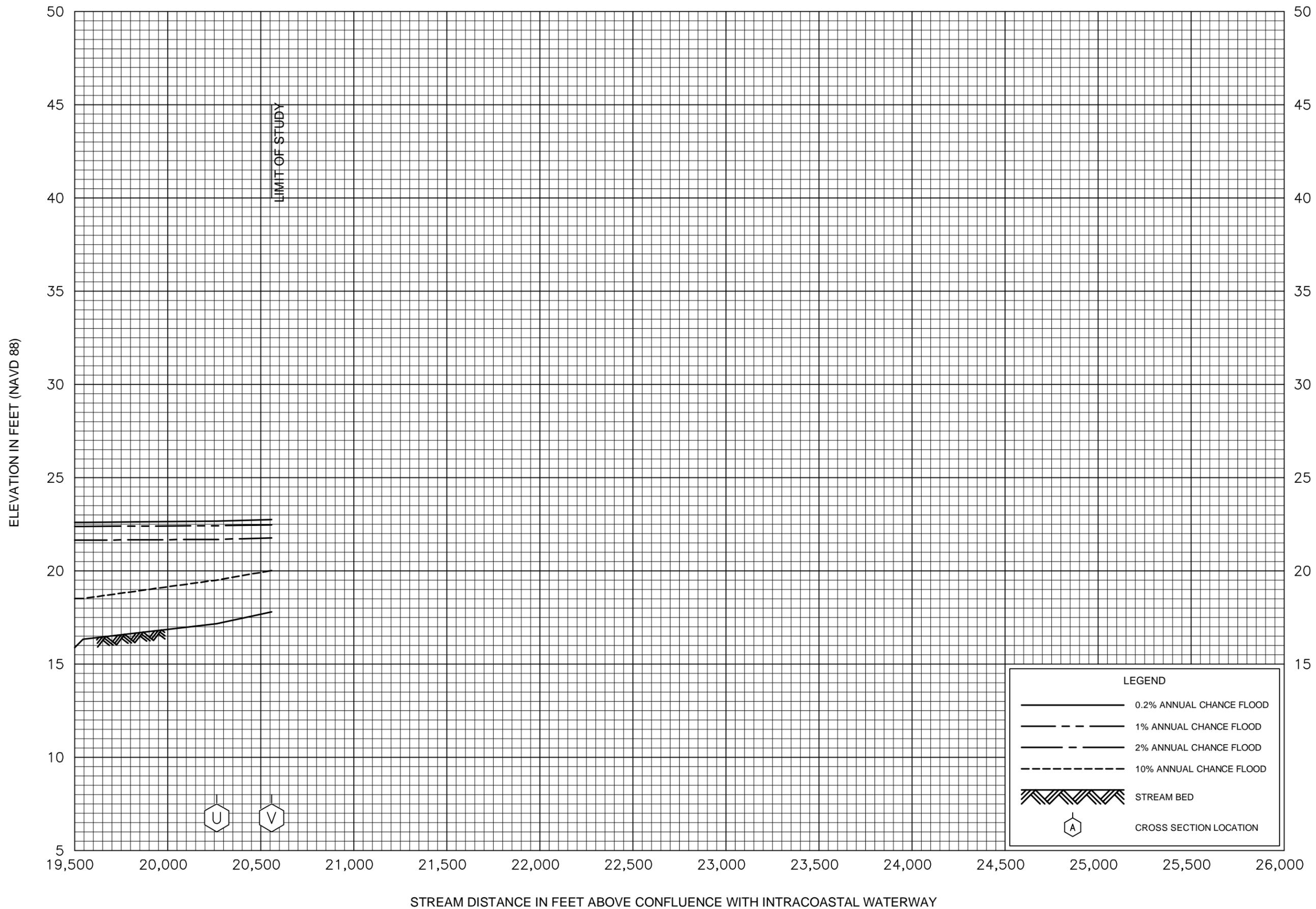


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

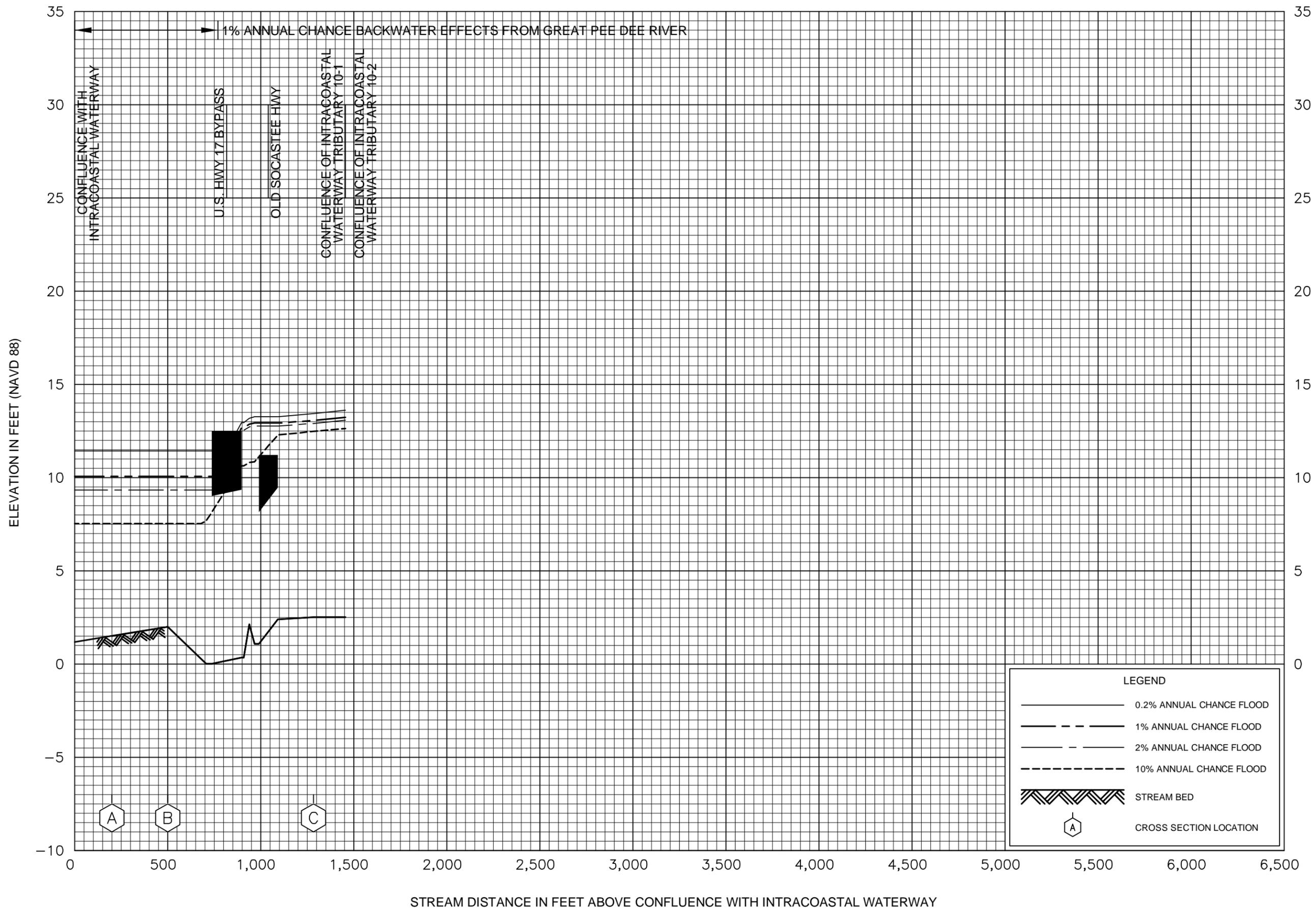


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

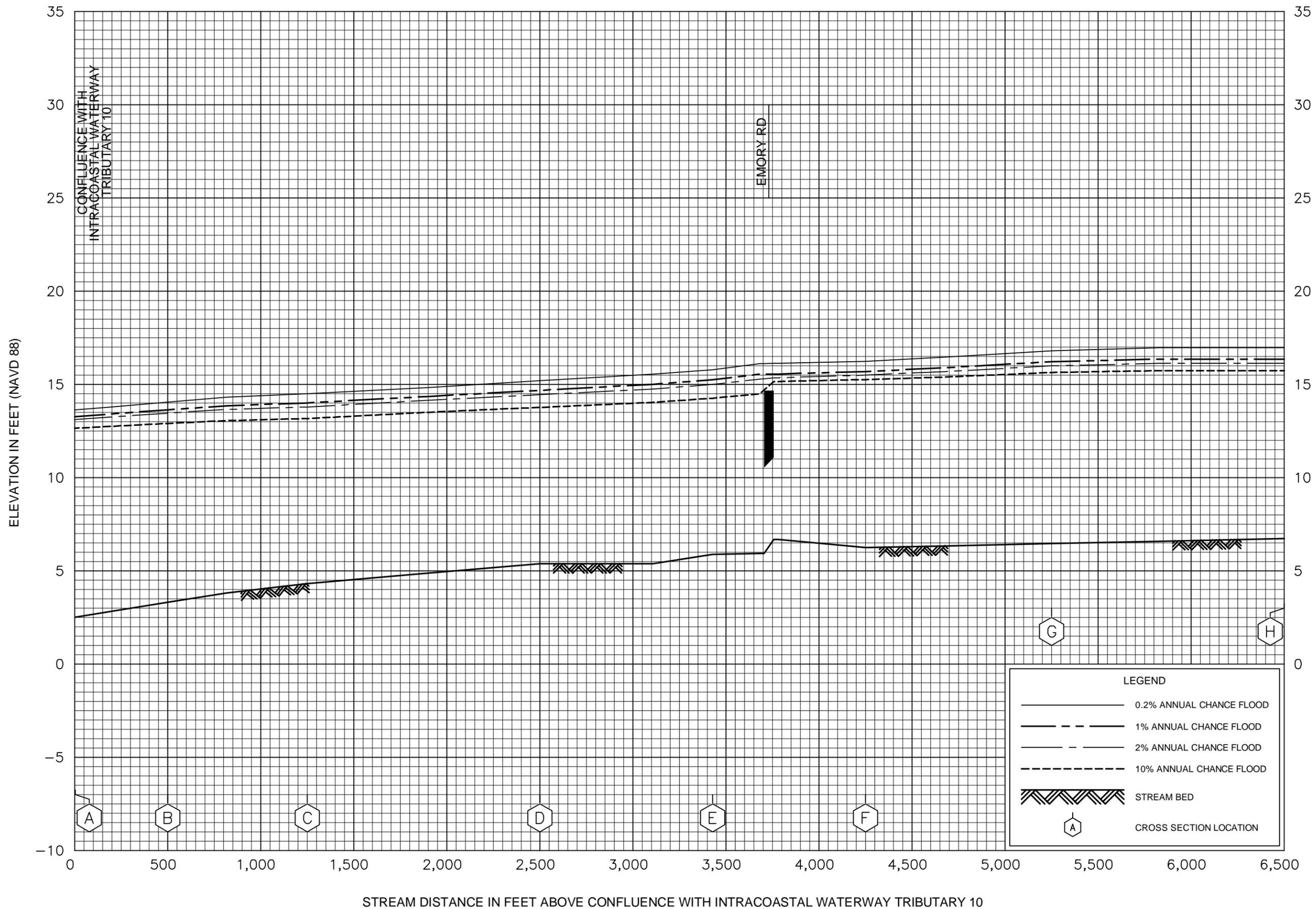


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

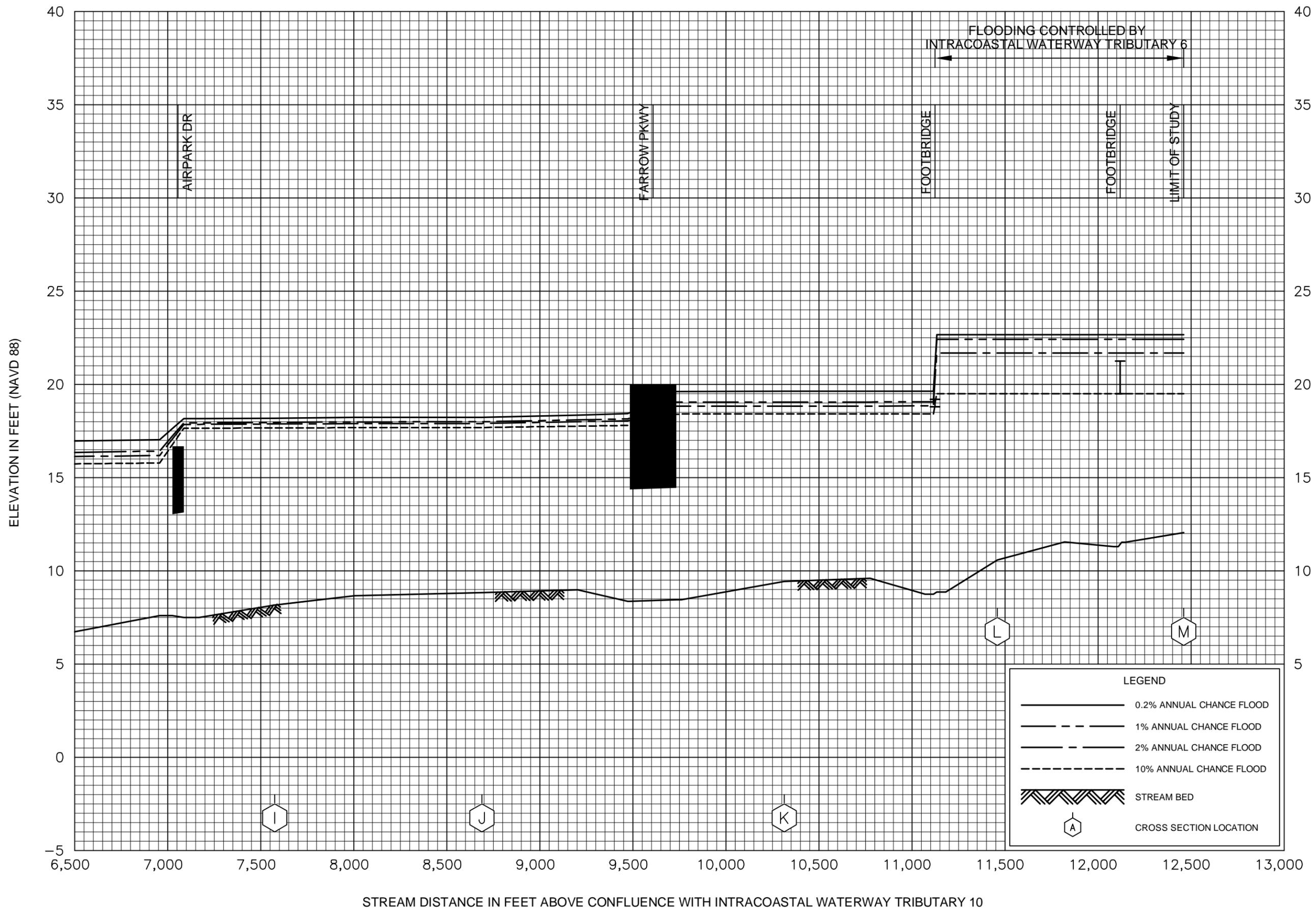
HORRY COUNTY, SC  
AND INCORPORATED AREAS



**FLOOD PROFILES**

**INTRACOASTAL WATERWAY TRIBUTARY 10-1**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**HORRY COUNTY, SC**  
 AND INCORPORATED AREAS

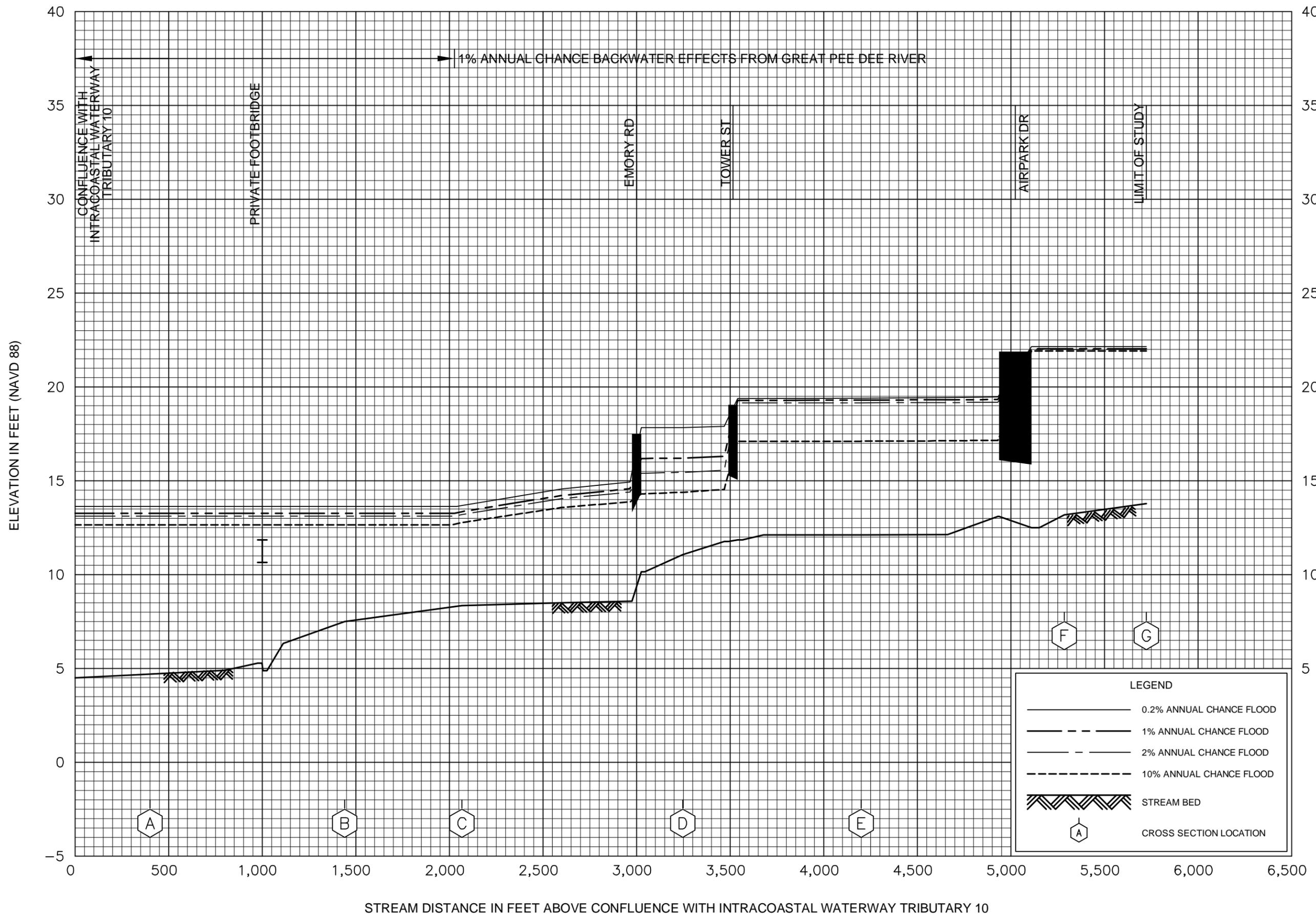


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 10-1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

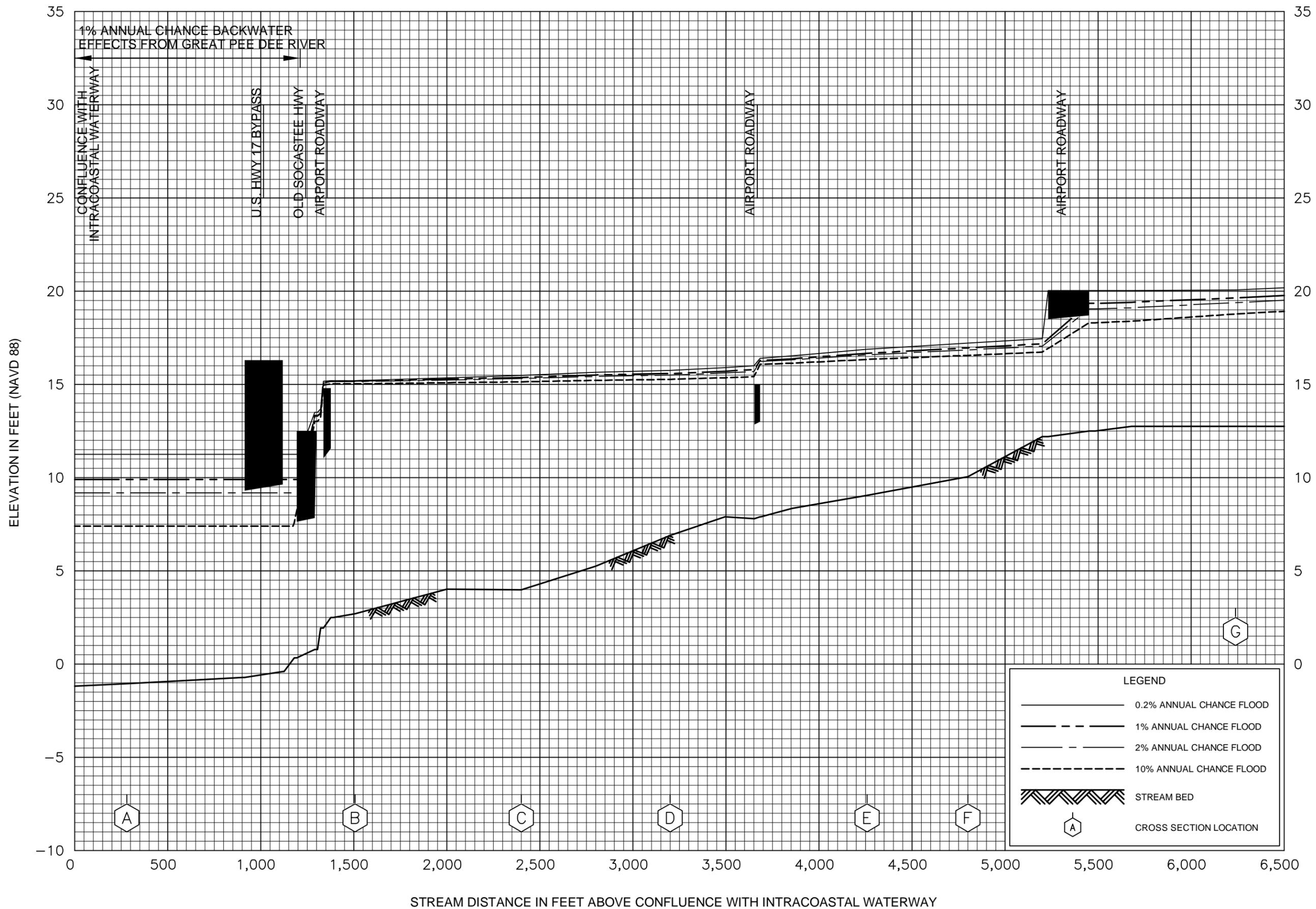


FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 10-2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

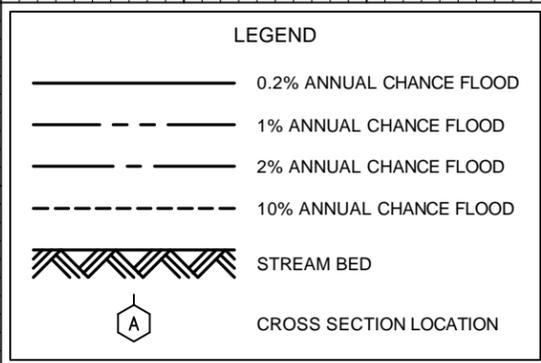
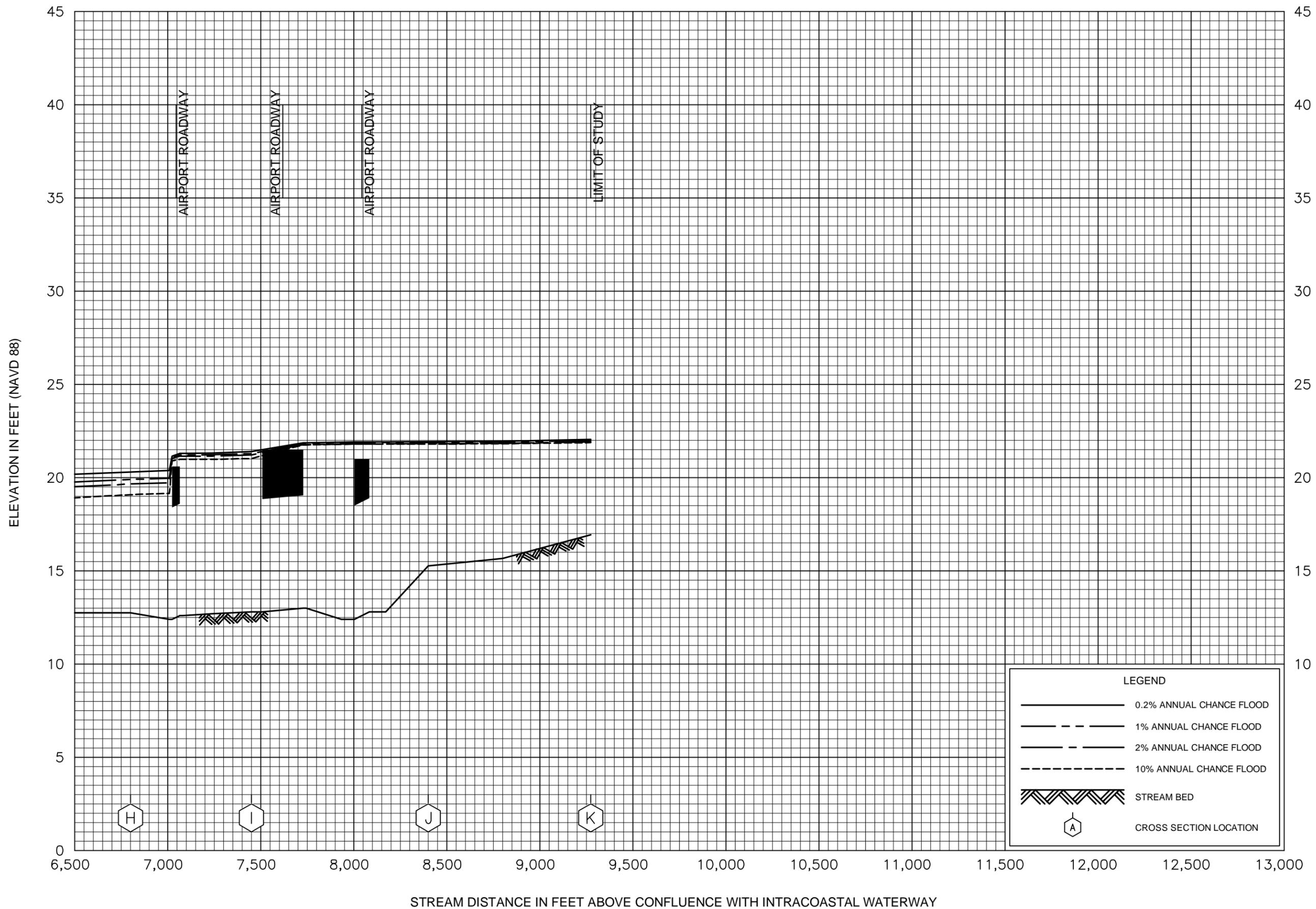


**FLOOD PROFILES**

**INTRACOASTAL WATERWAY TRIBUTARY 11**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**HORRY COUNTY, SC**  
AND INCORPORATED AREAS



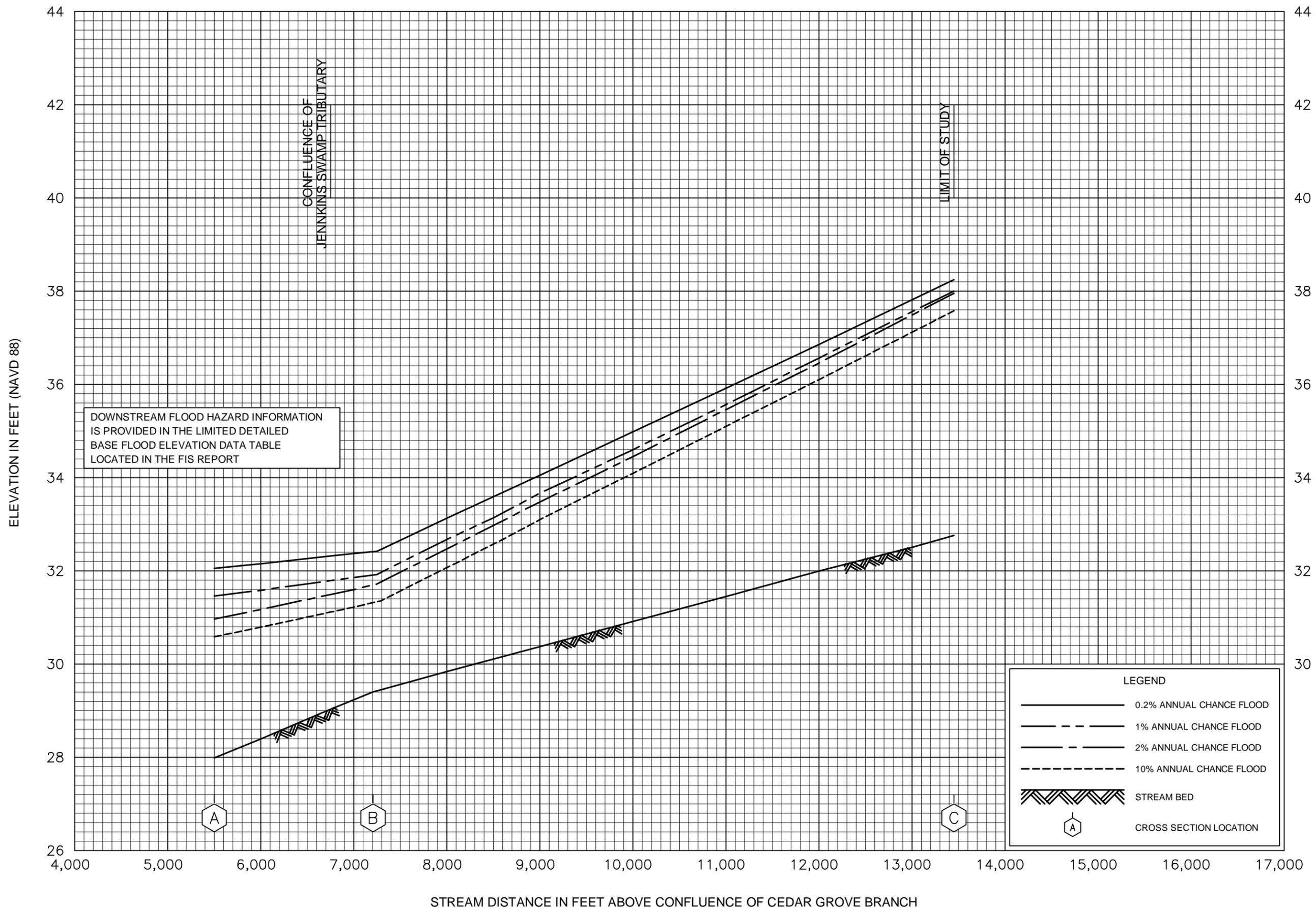
FLOOD PROFILES

INTRACOASTAL WATERWAY TRIBUTARY 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



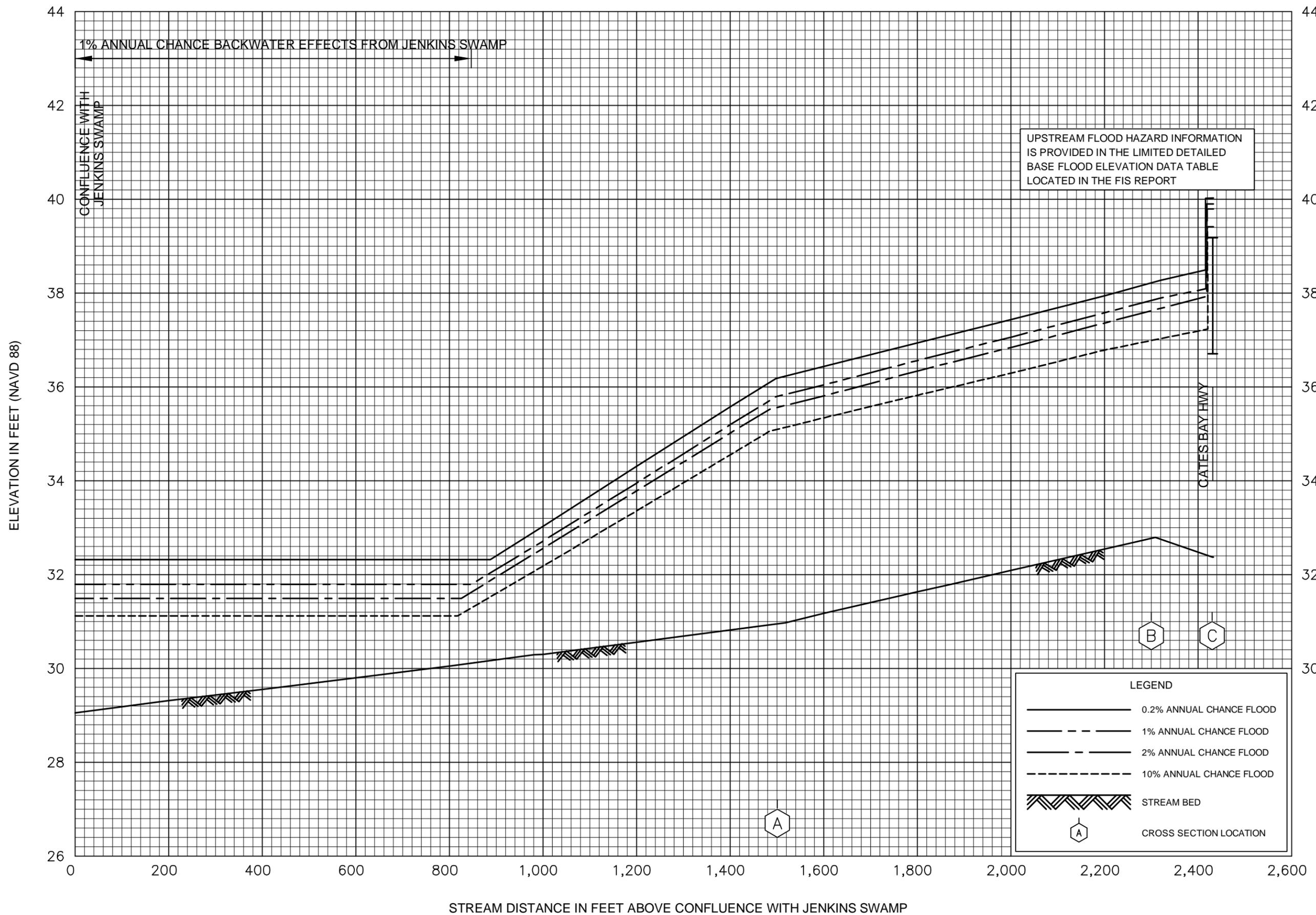
FLOOD PROFILES

JENKINS SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

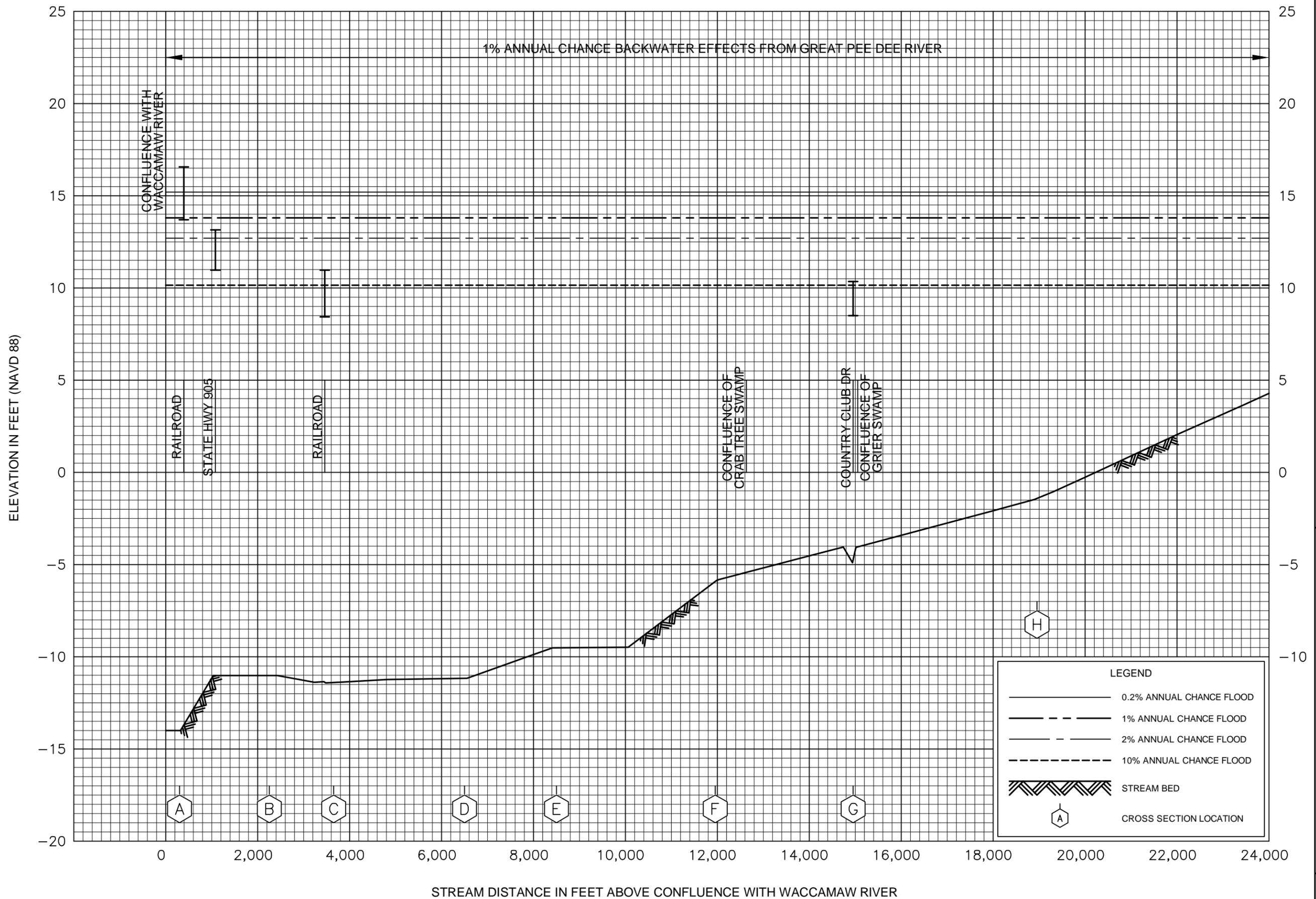


FLOOD PROFILES

JENKINS SWAMP TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

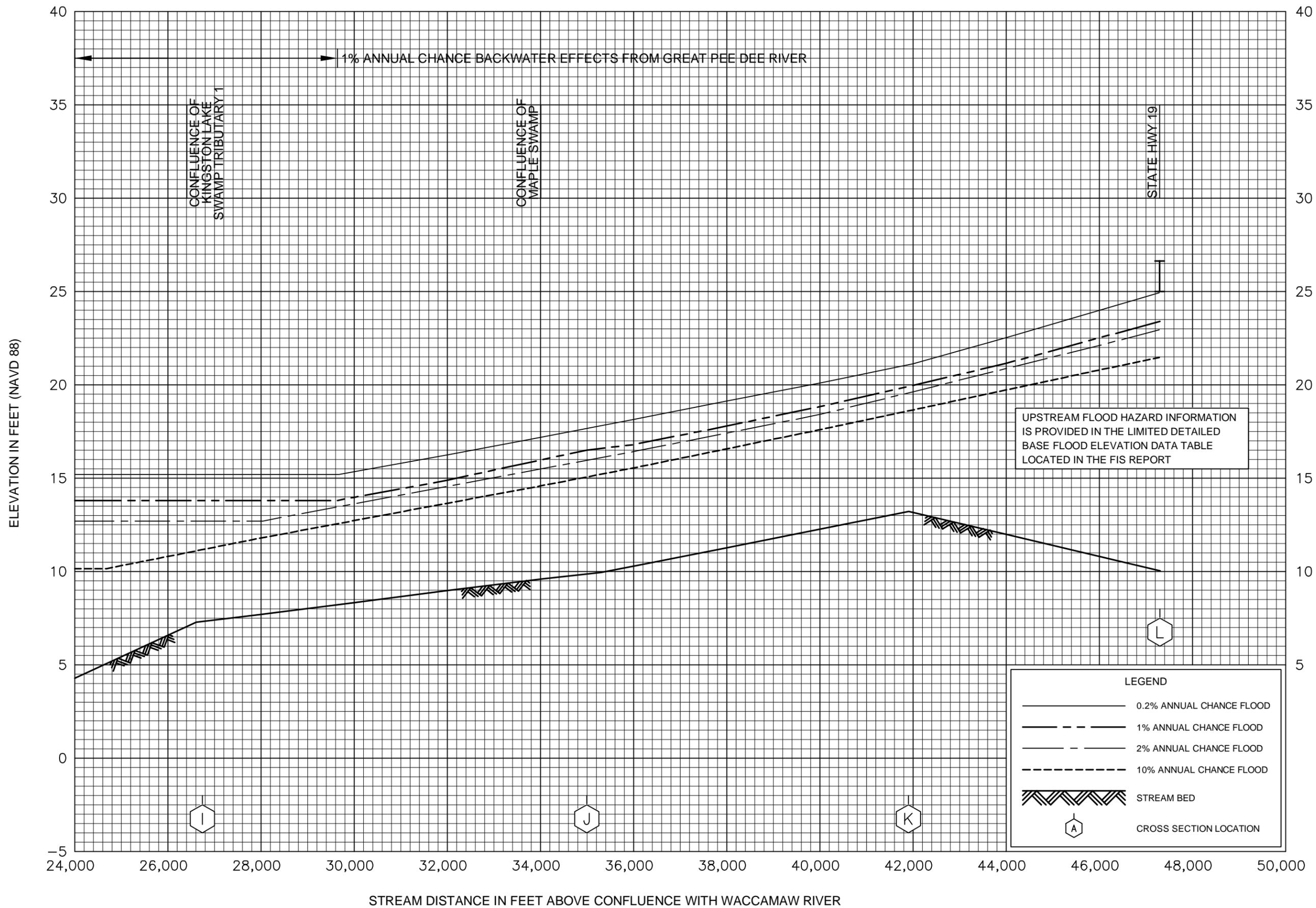


FLOOD PROFILES

KINGSTON LAKE SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

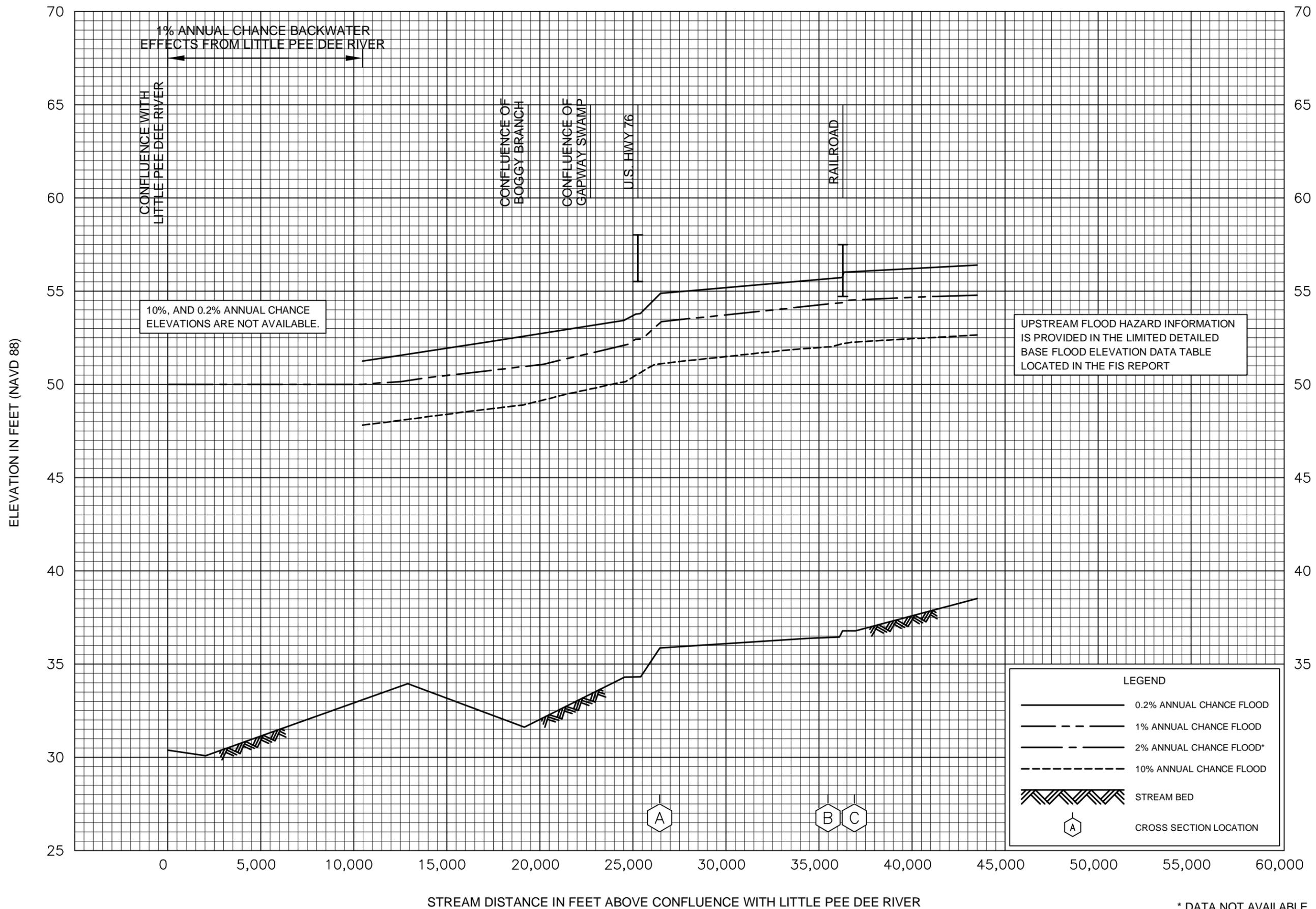


FLOOD PROFILES

KINGSTON LAKE SWAMP

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS



FLOOD PROFILES

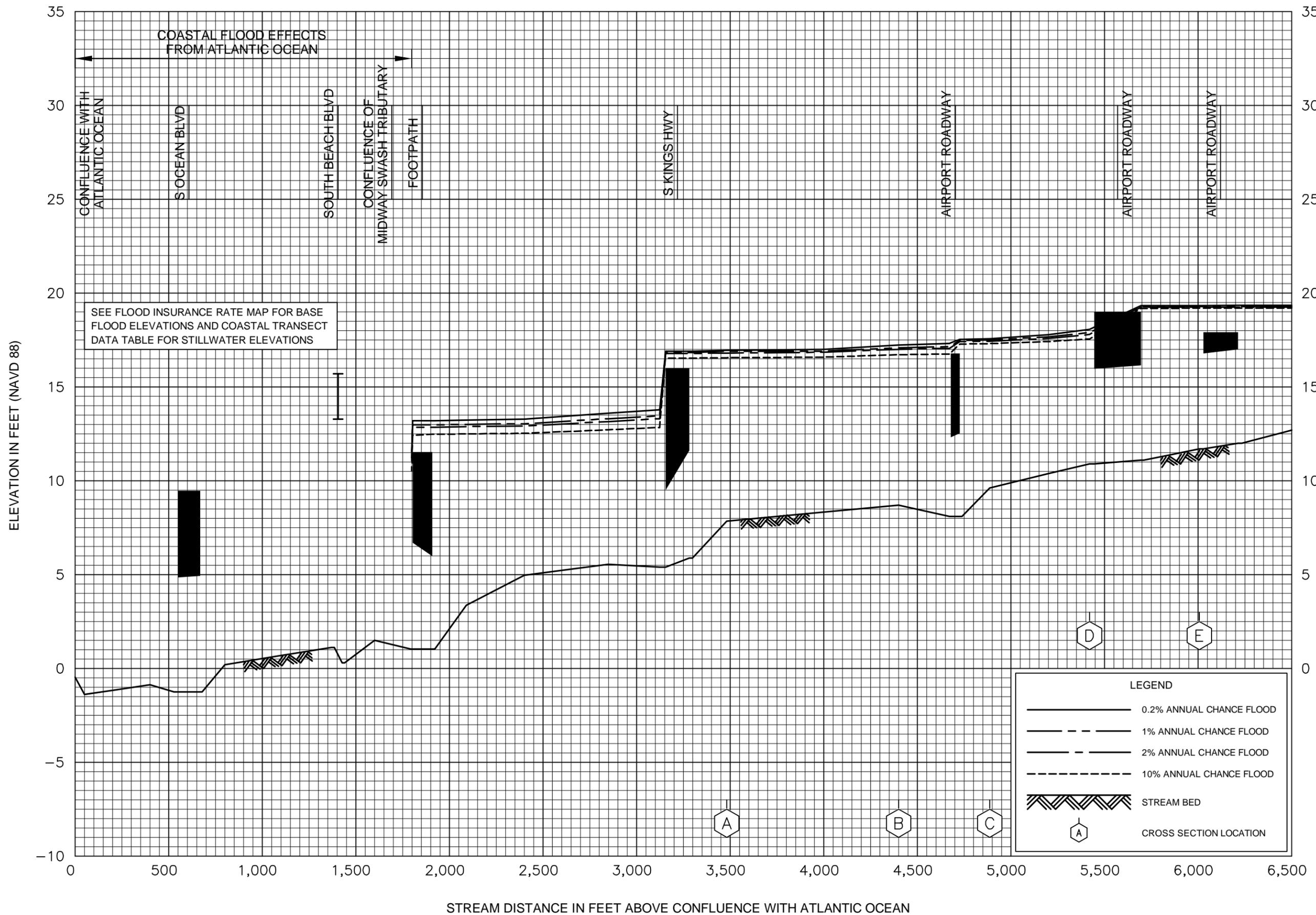
LUMBER RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

\* DATA NOT AVAILABLE



FLOOD PROFILES

MIDWAY SWASH

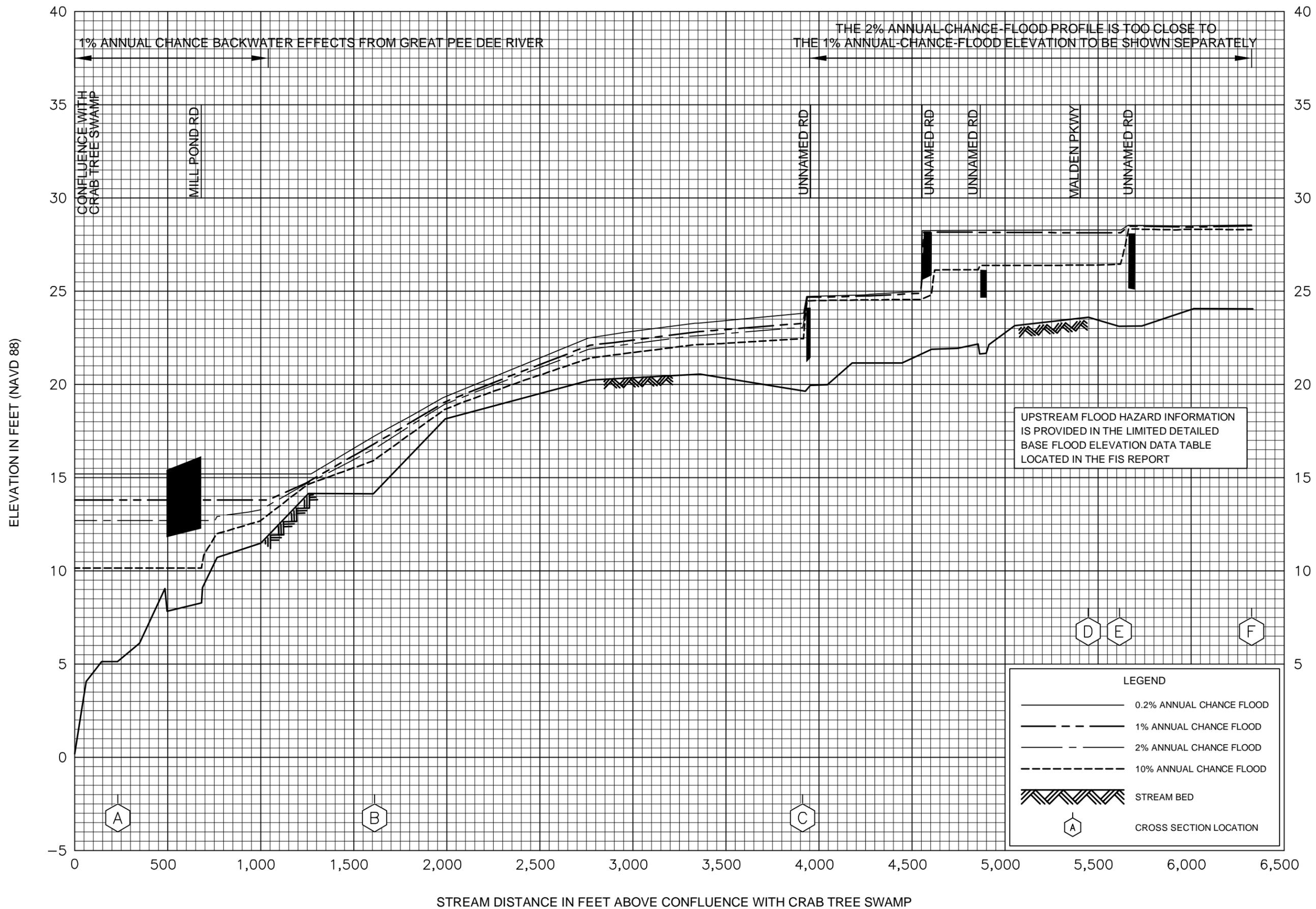
FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS







FLOOD PROFILES

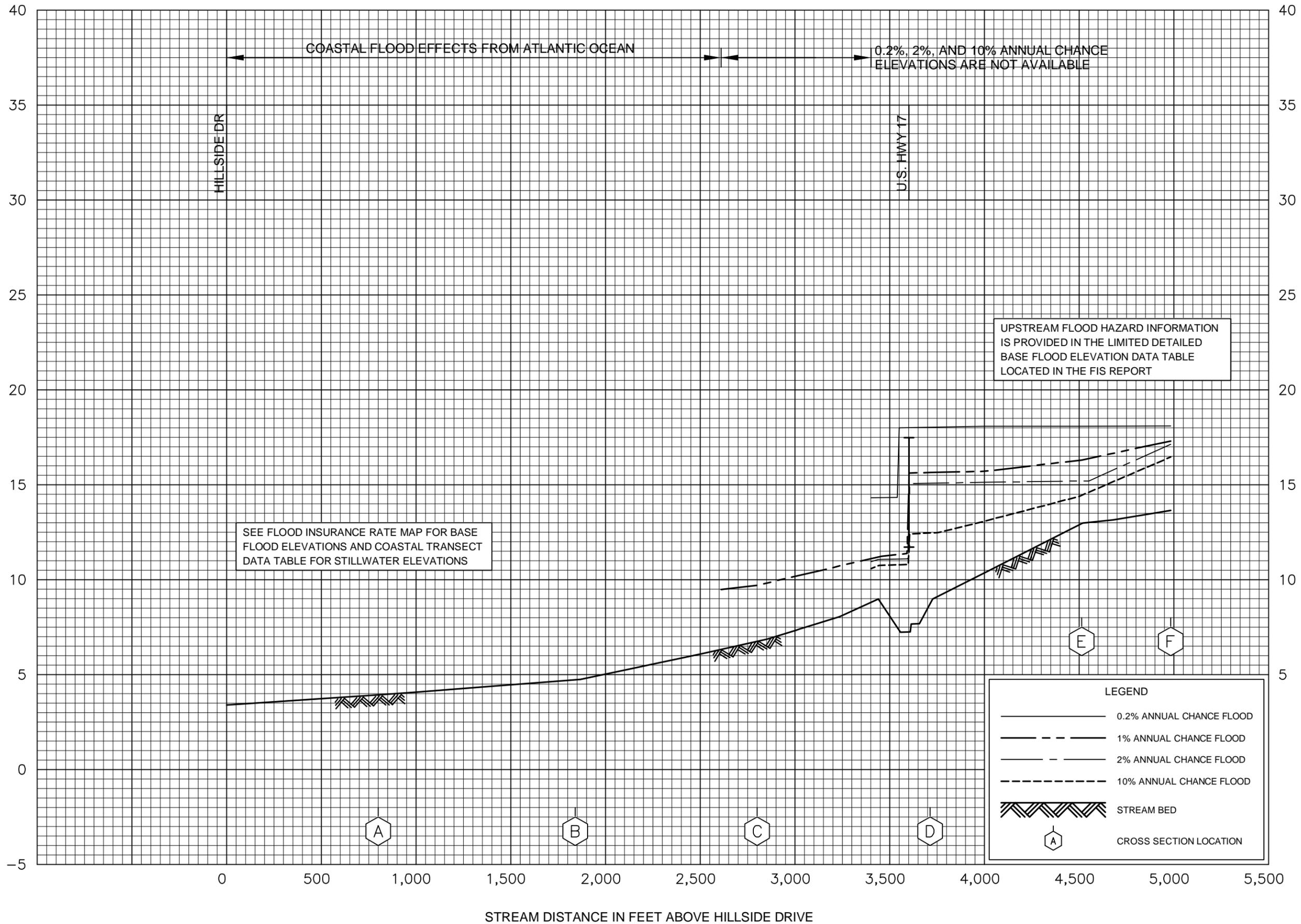
RUN OF PLUM BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

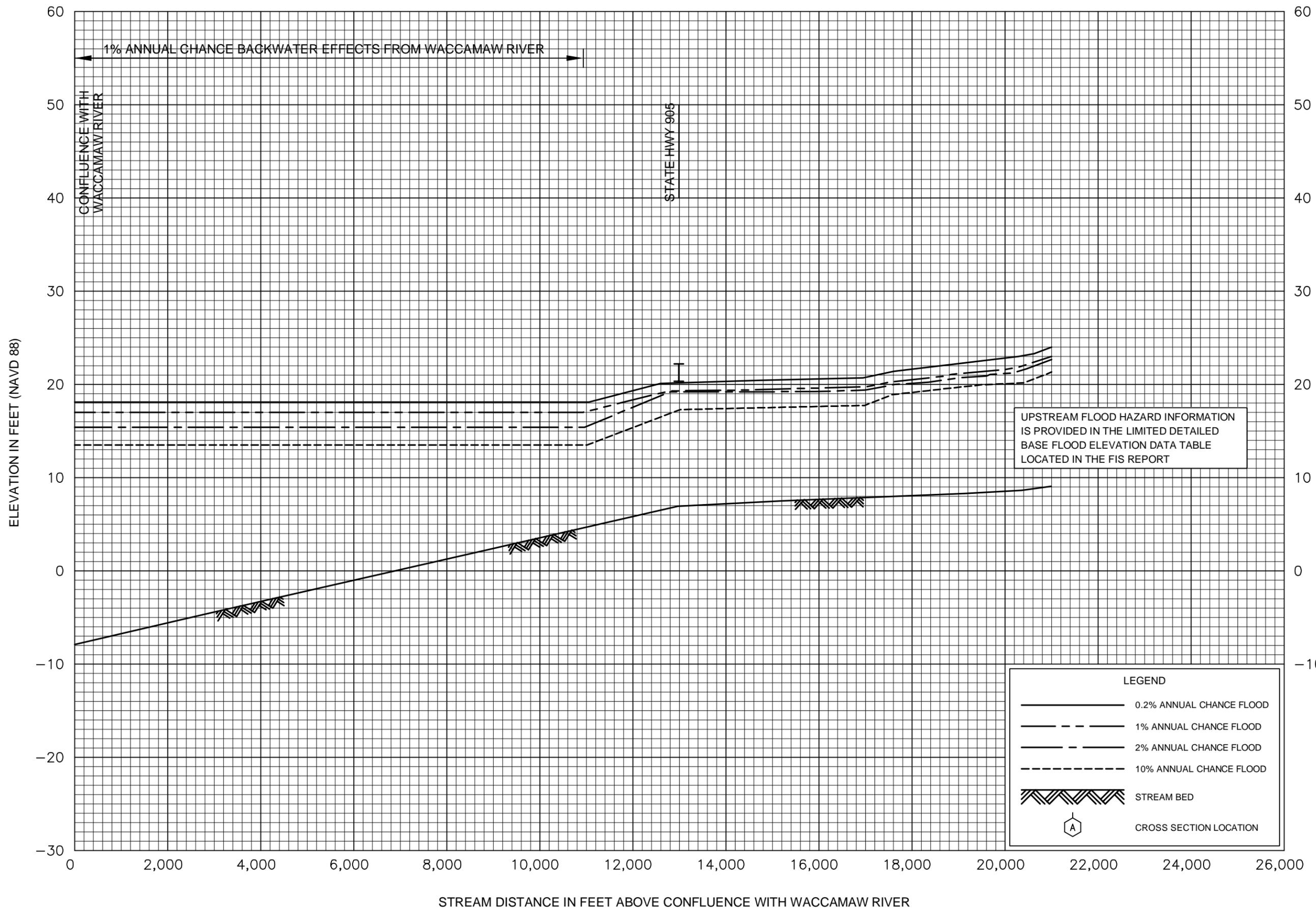


FLOOD PROFILES

SEVENTH AVENUE STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS



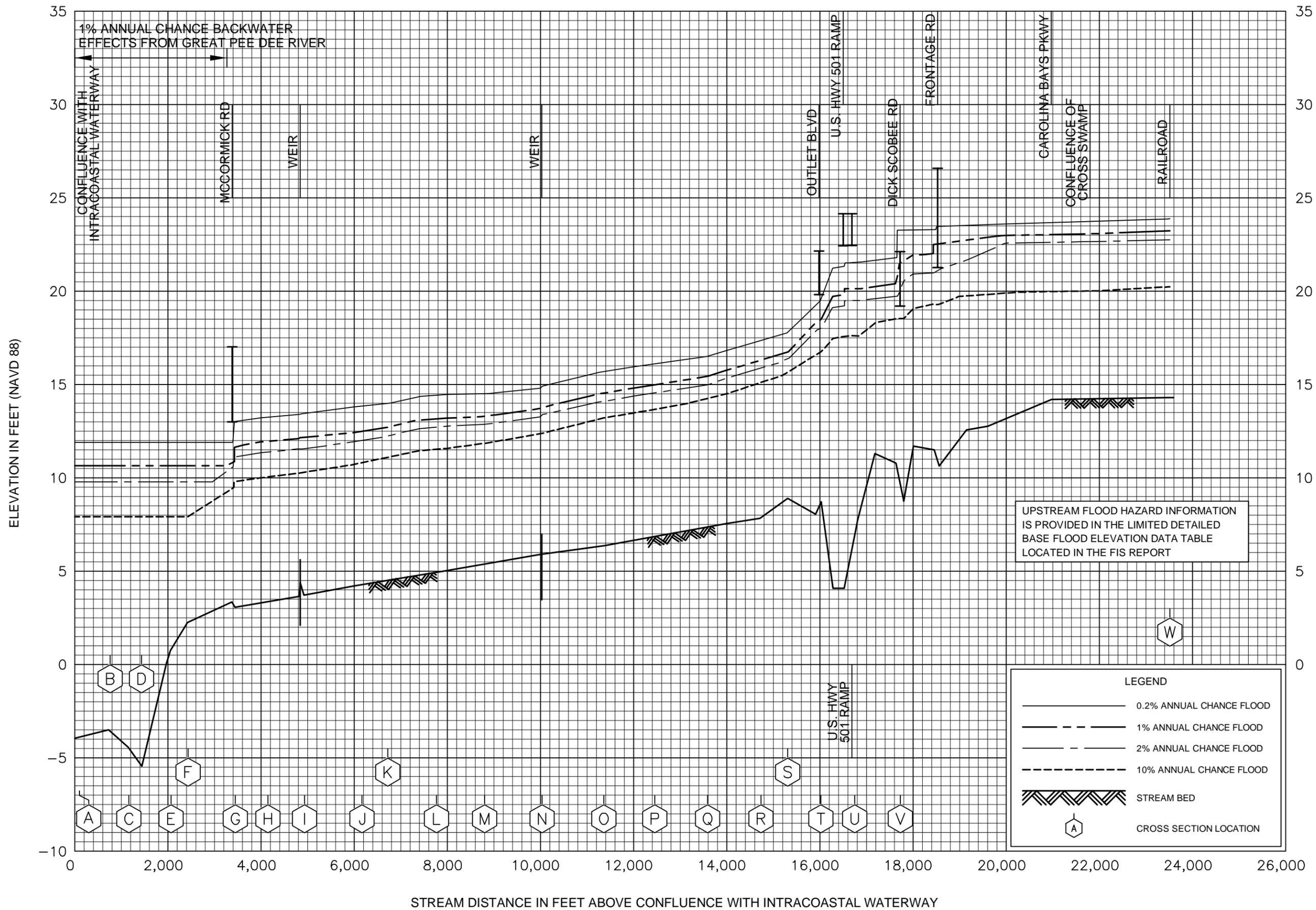
FLOOD PROFILES

SIMPSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



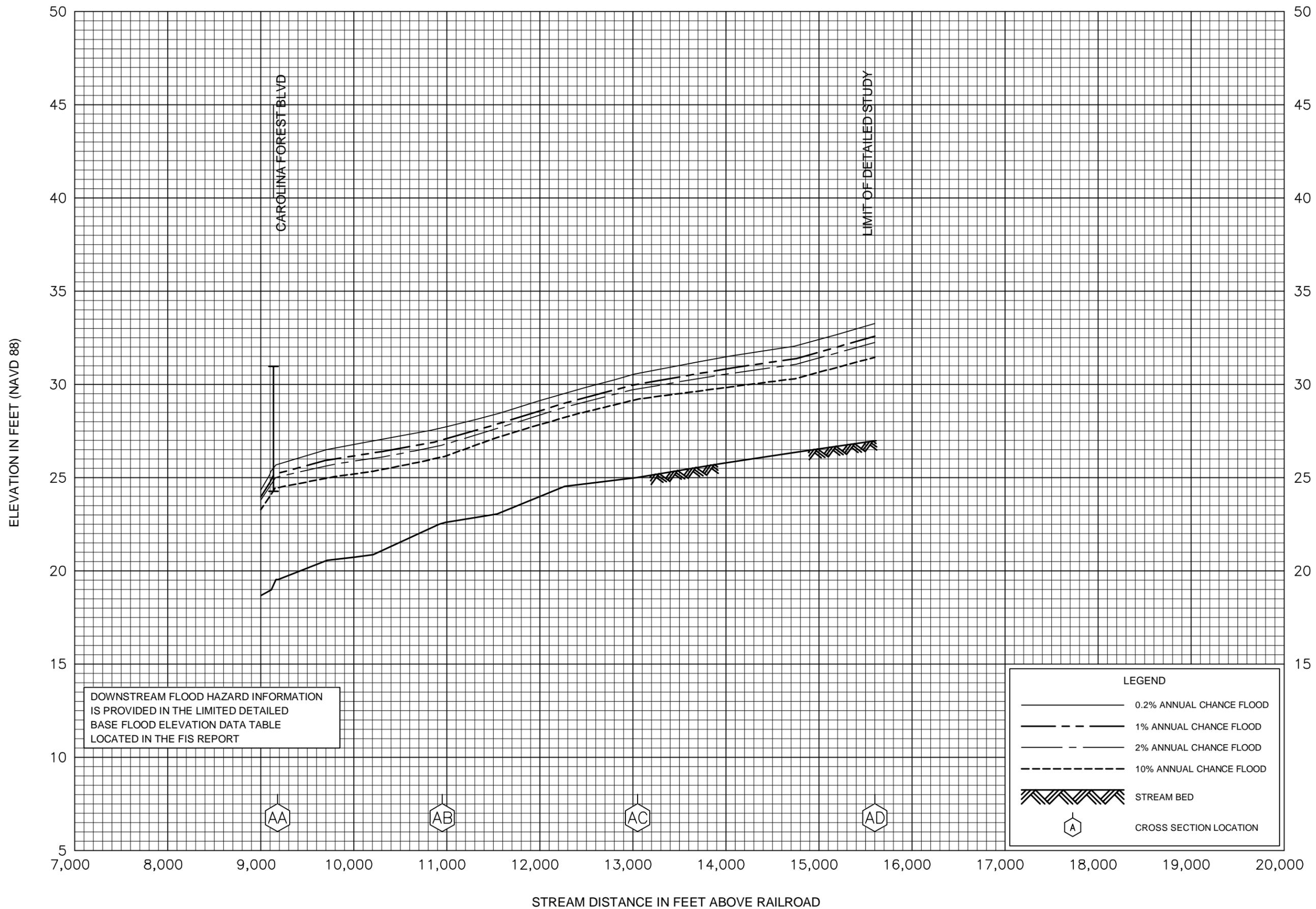
FLOOD PROFILES

SOCASTEER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



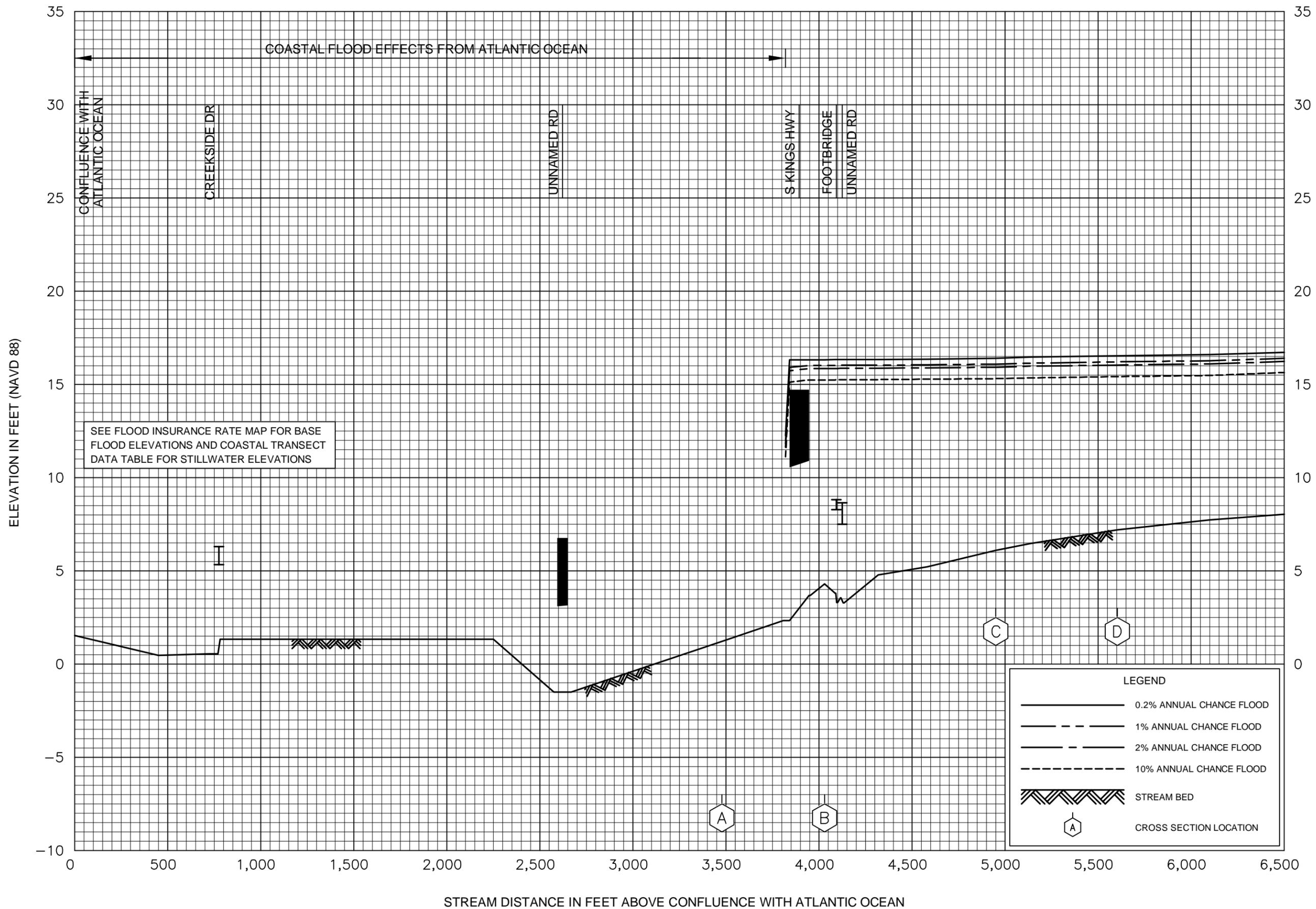
FLOOD PROFILES

SOCASTEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



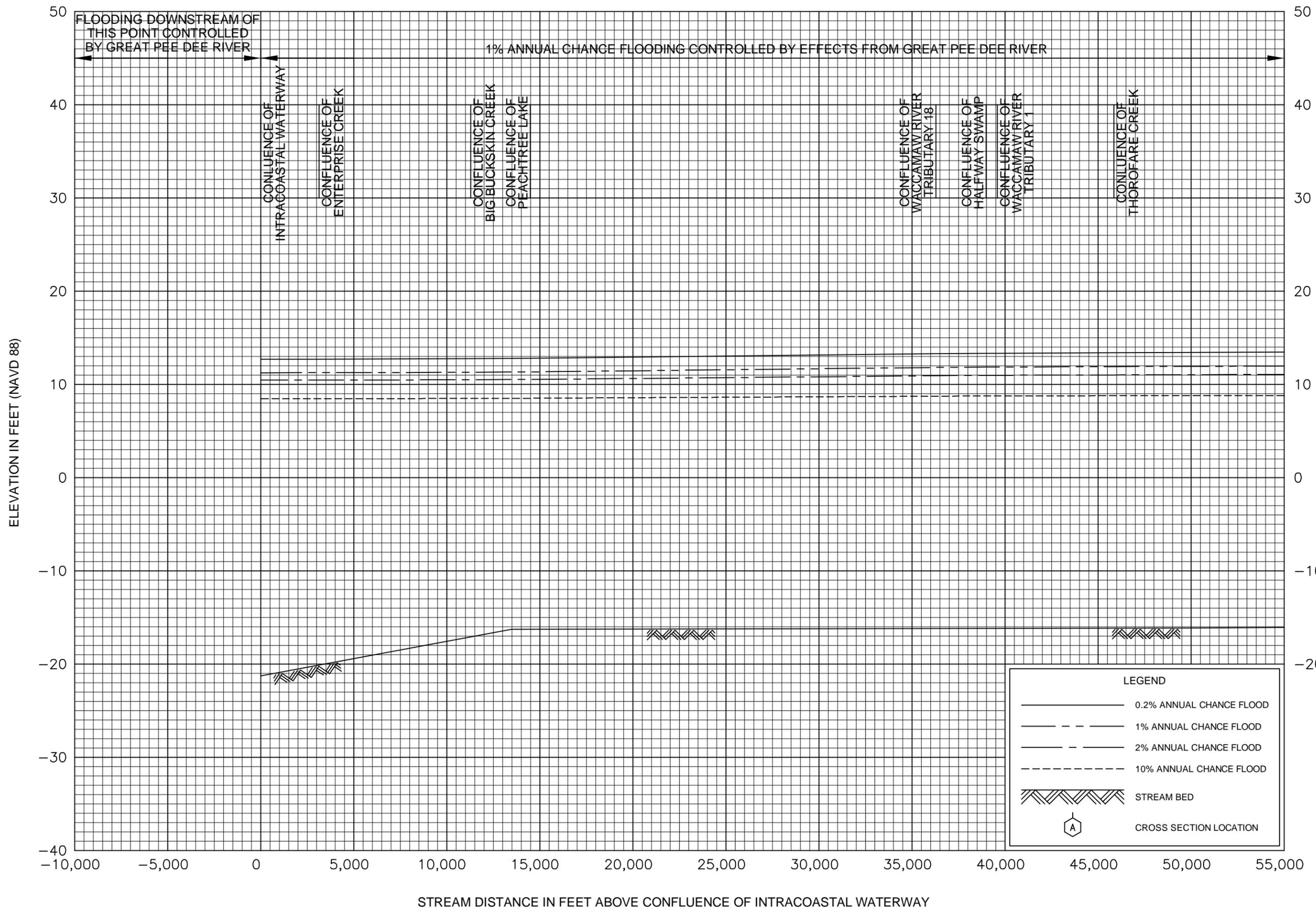
FLOOD PROFILES

UNNAMED TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS





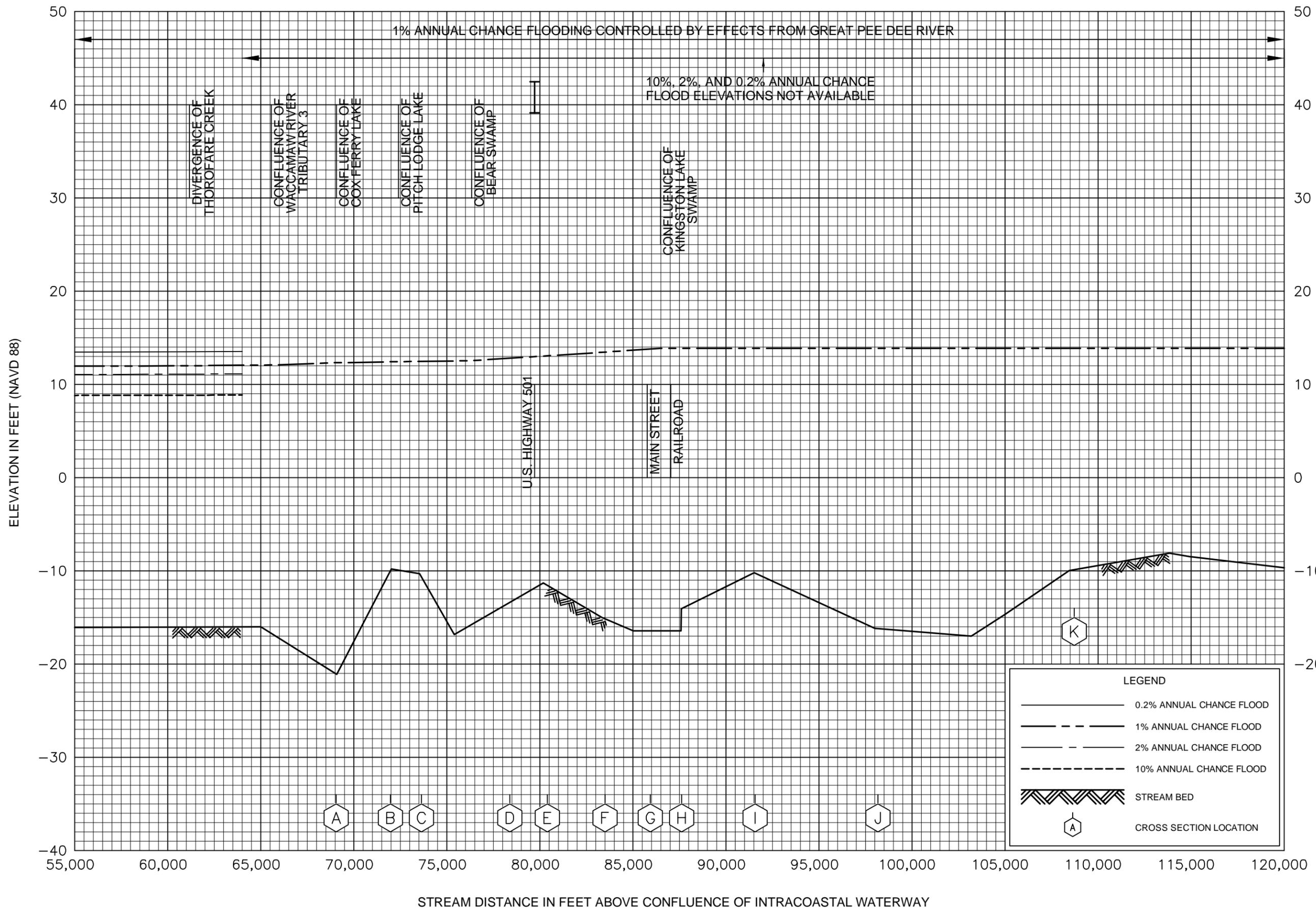
FLOOD PROFILES

WACCAMAW RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



FLOOD PROFILES

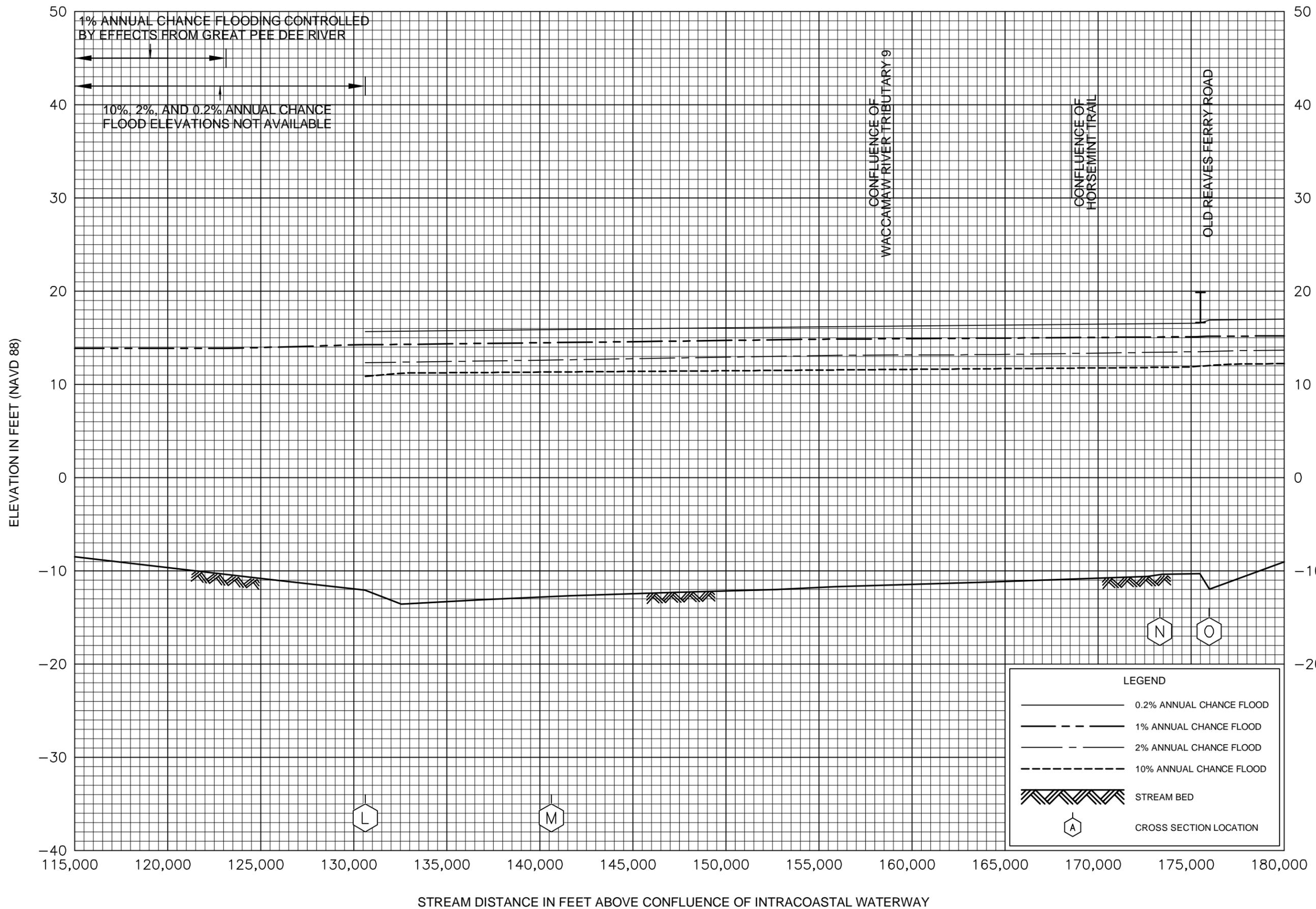
WACCAMAW RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

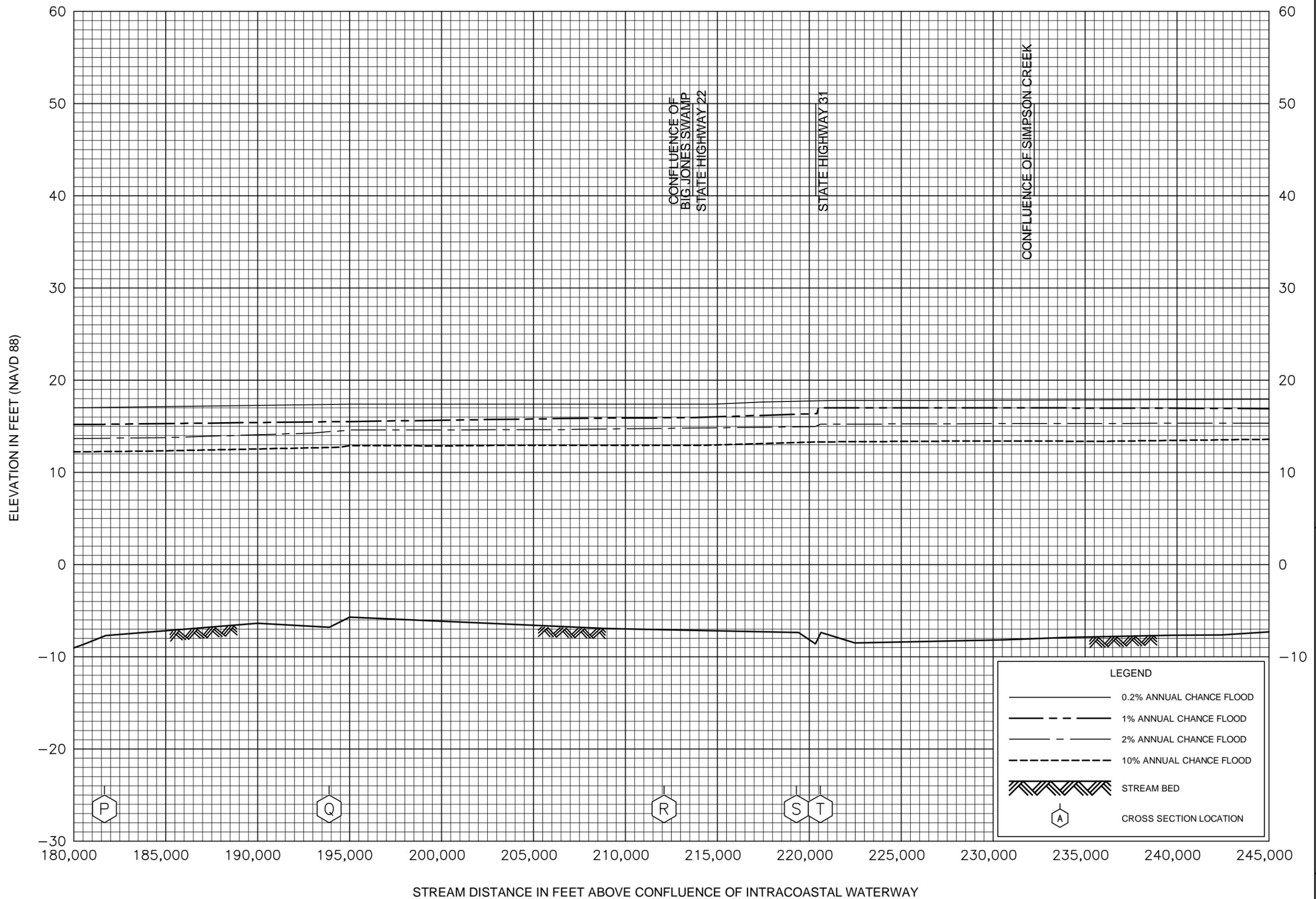
AND INCORPORATED AREAS

41P



**FLOOD PROFILES**  
**WACCAMAW RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**HORRY COUNTY, SC**  
AND INCORPORATED AREAS



FLOOD PROFILES

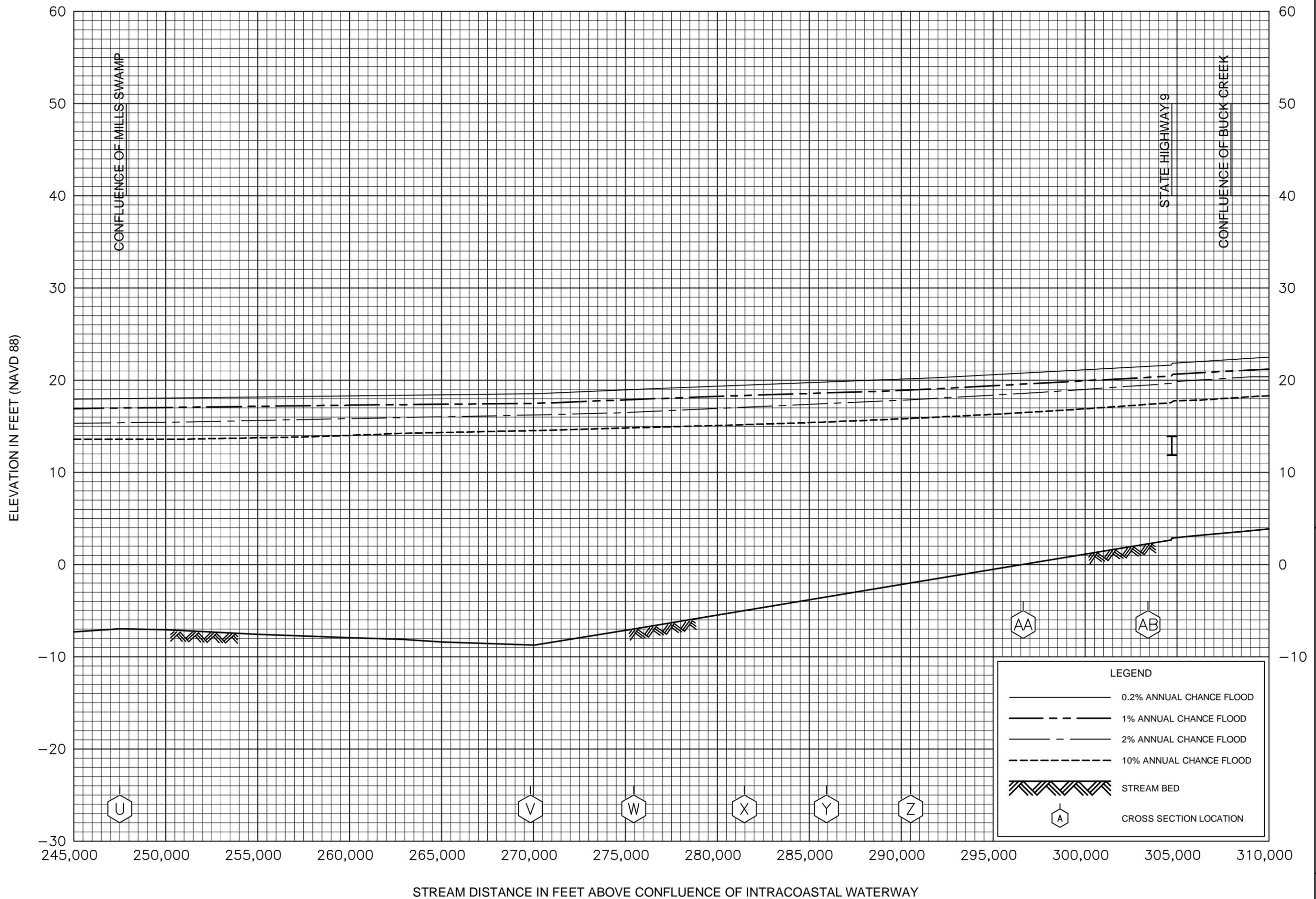
WACCAMAW RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

43P



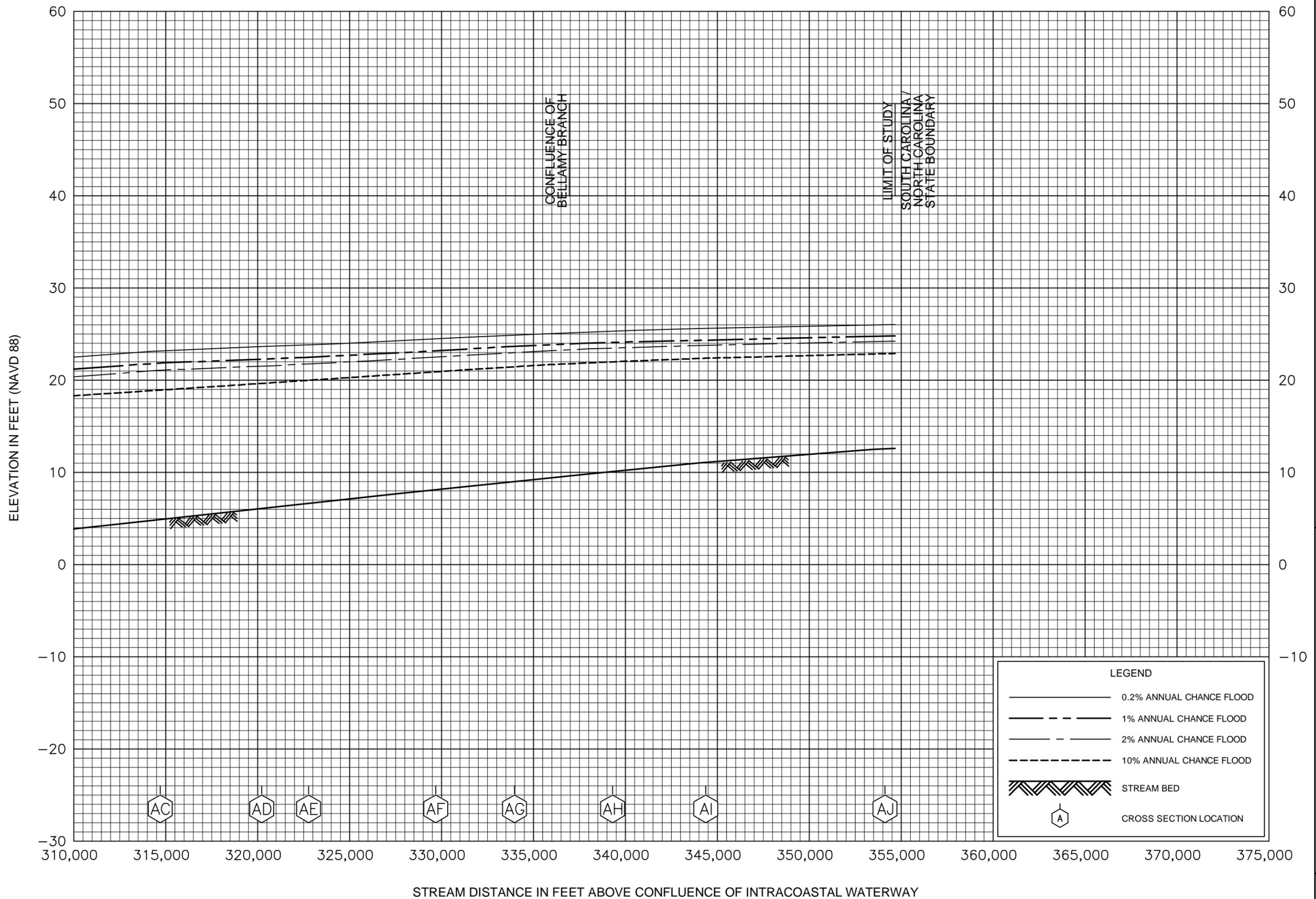
FLOOD PROFILES

WACCAMAW RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



FLOOD PROFILES

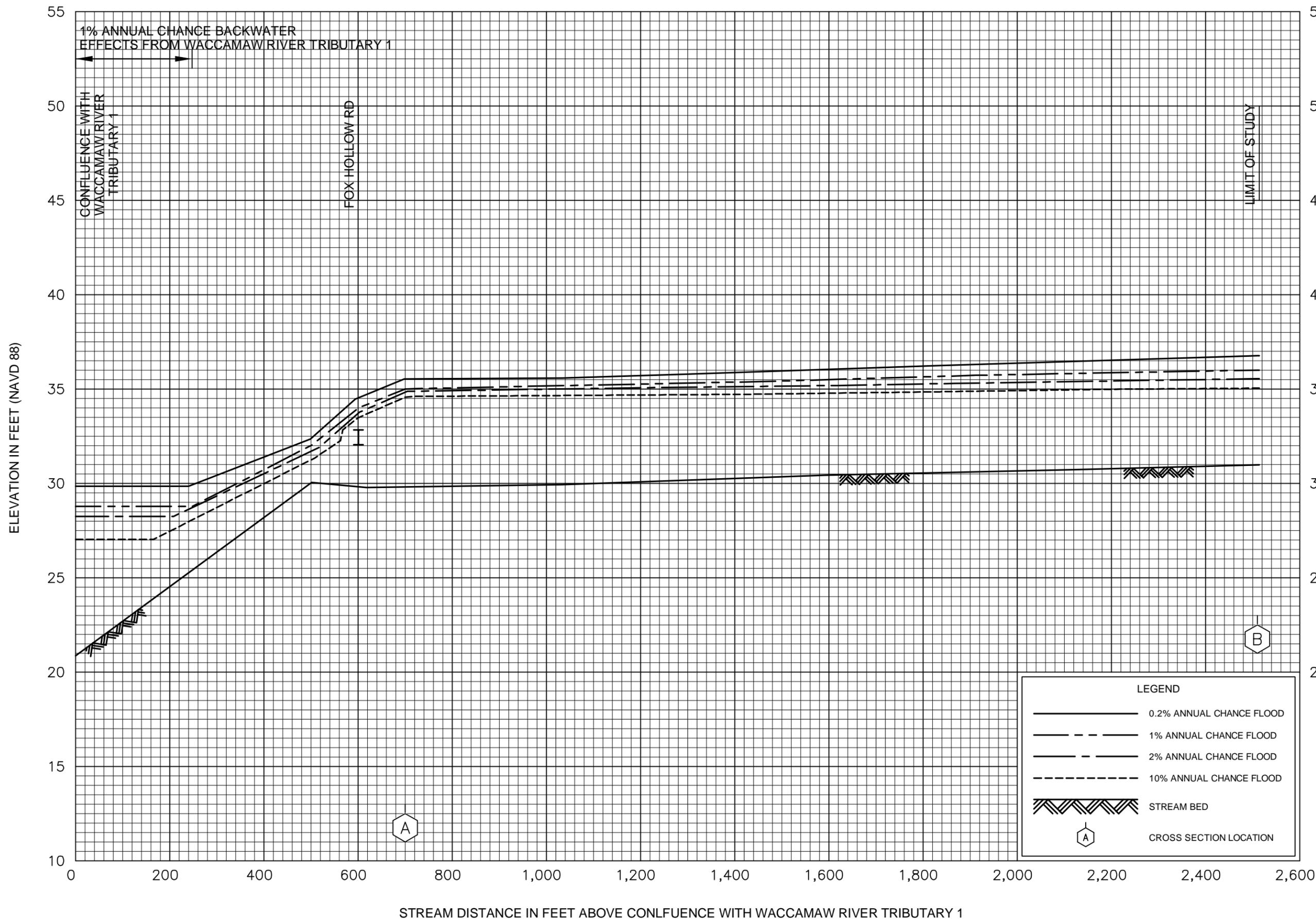
WACCAMAW RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS



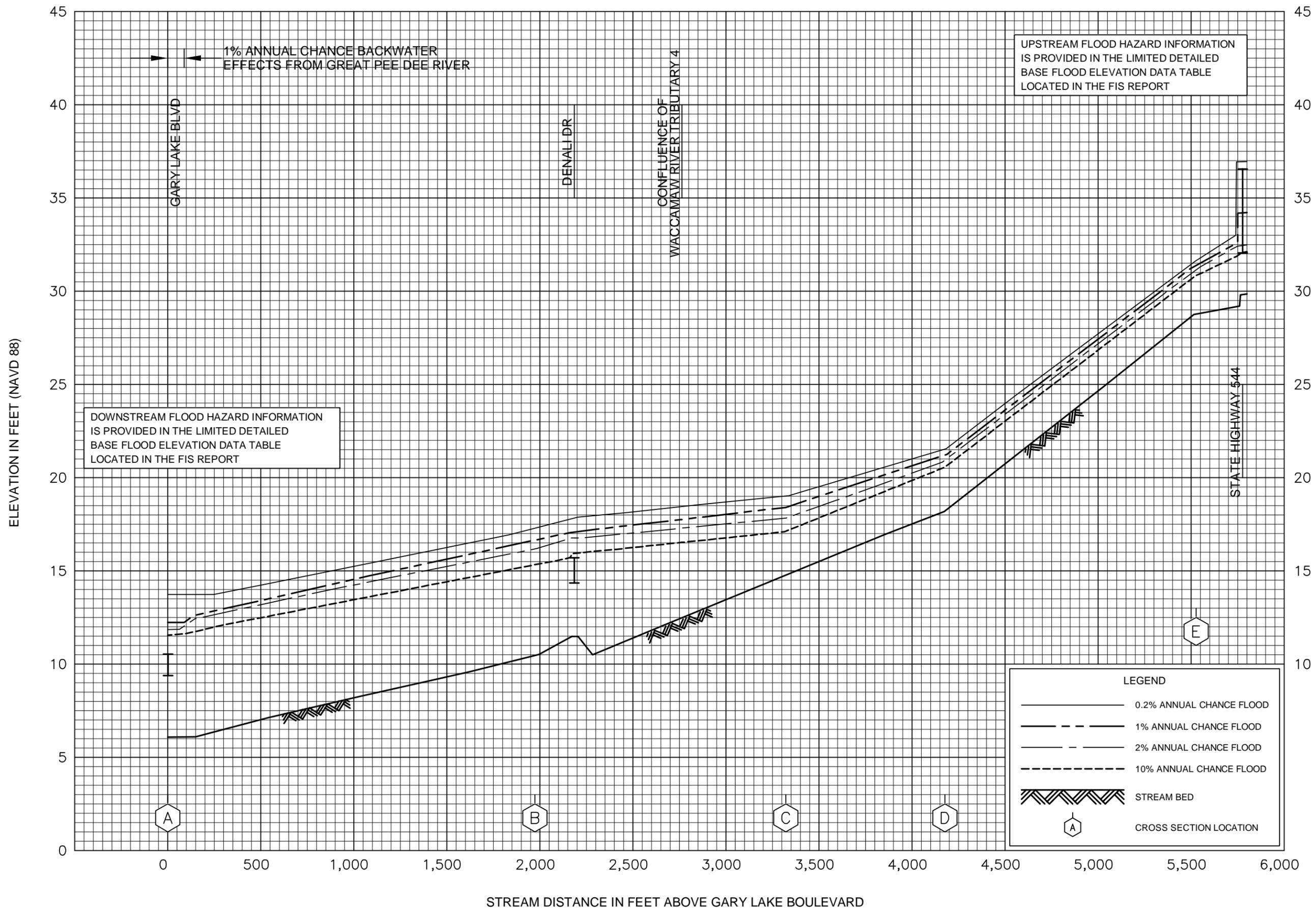


FLOOD PROFILES

WACCAMAW RIVER TRIBUTARY 2

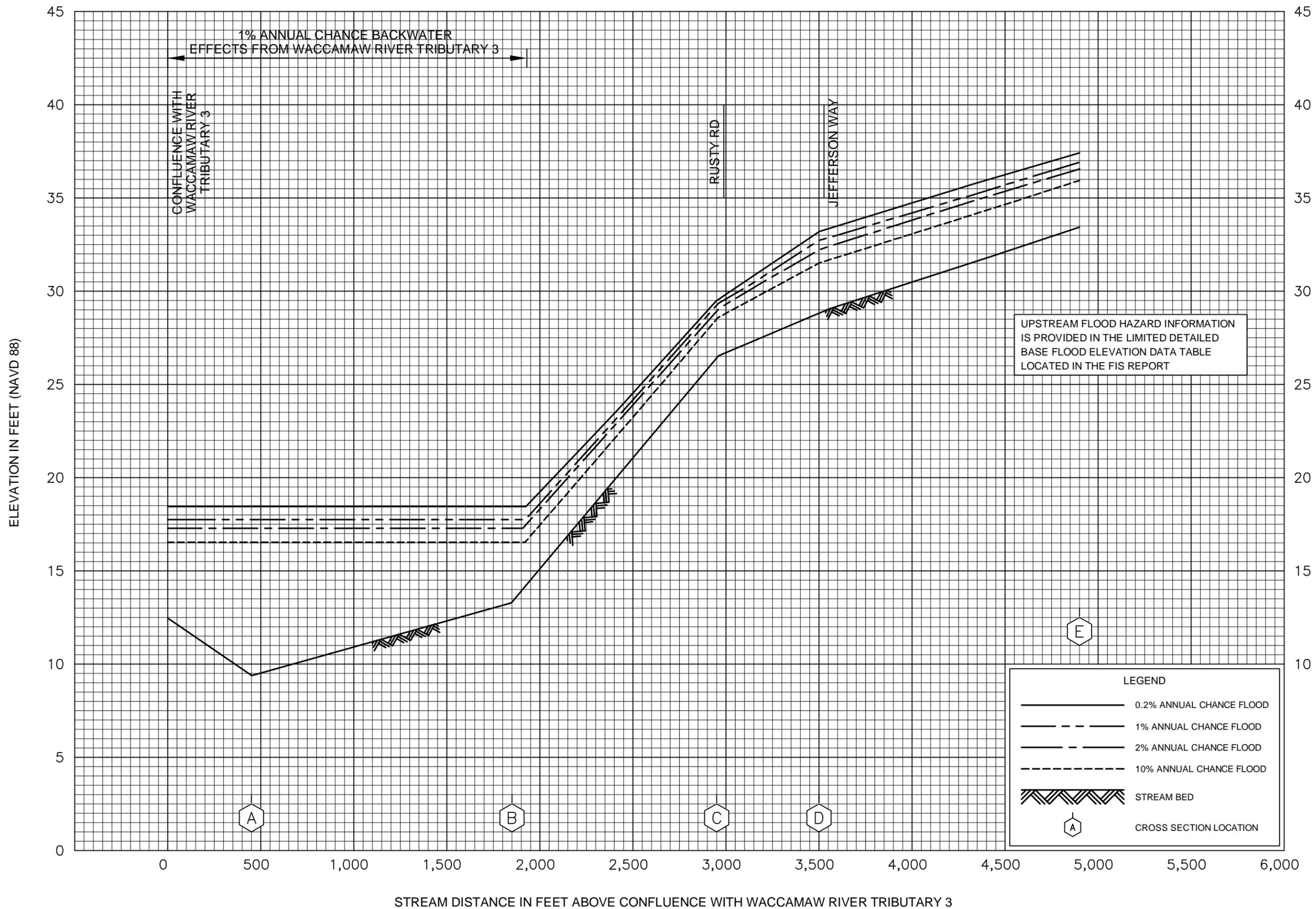
FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS



FLOOD PROFILES  
WACCAMAW RIVER TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY  
Horry County, SC  
AND INCORPORATED AREAS

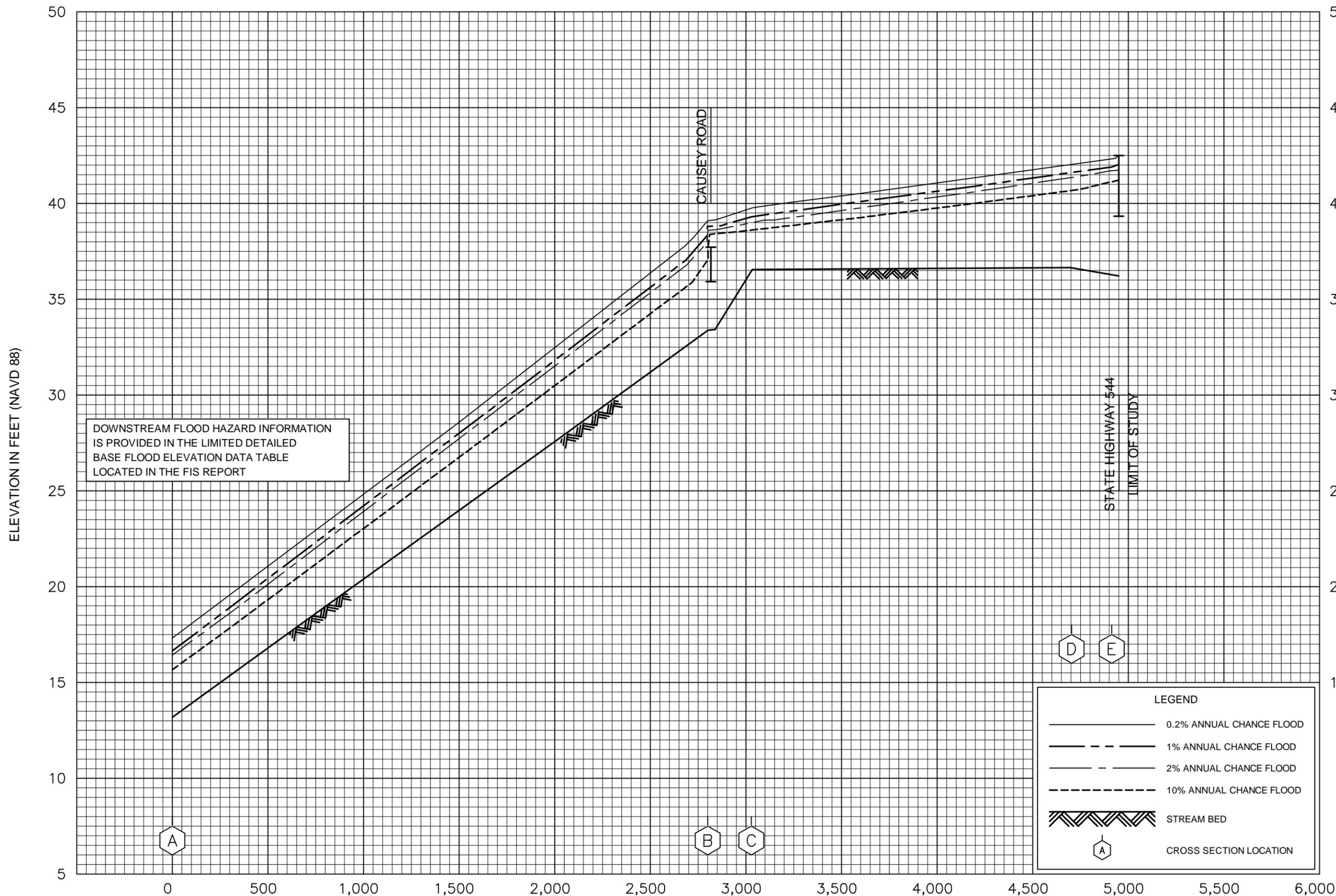


FLOOD PROFILES

WACCAMAW RIVER TRIBUTARY 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS



STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY  
 (LIMIT OF DETAILED STUDY IS APPROXIMATELY 4,950 FEET DOWNSTREAM OF STATE HIGHWAY 544)

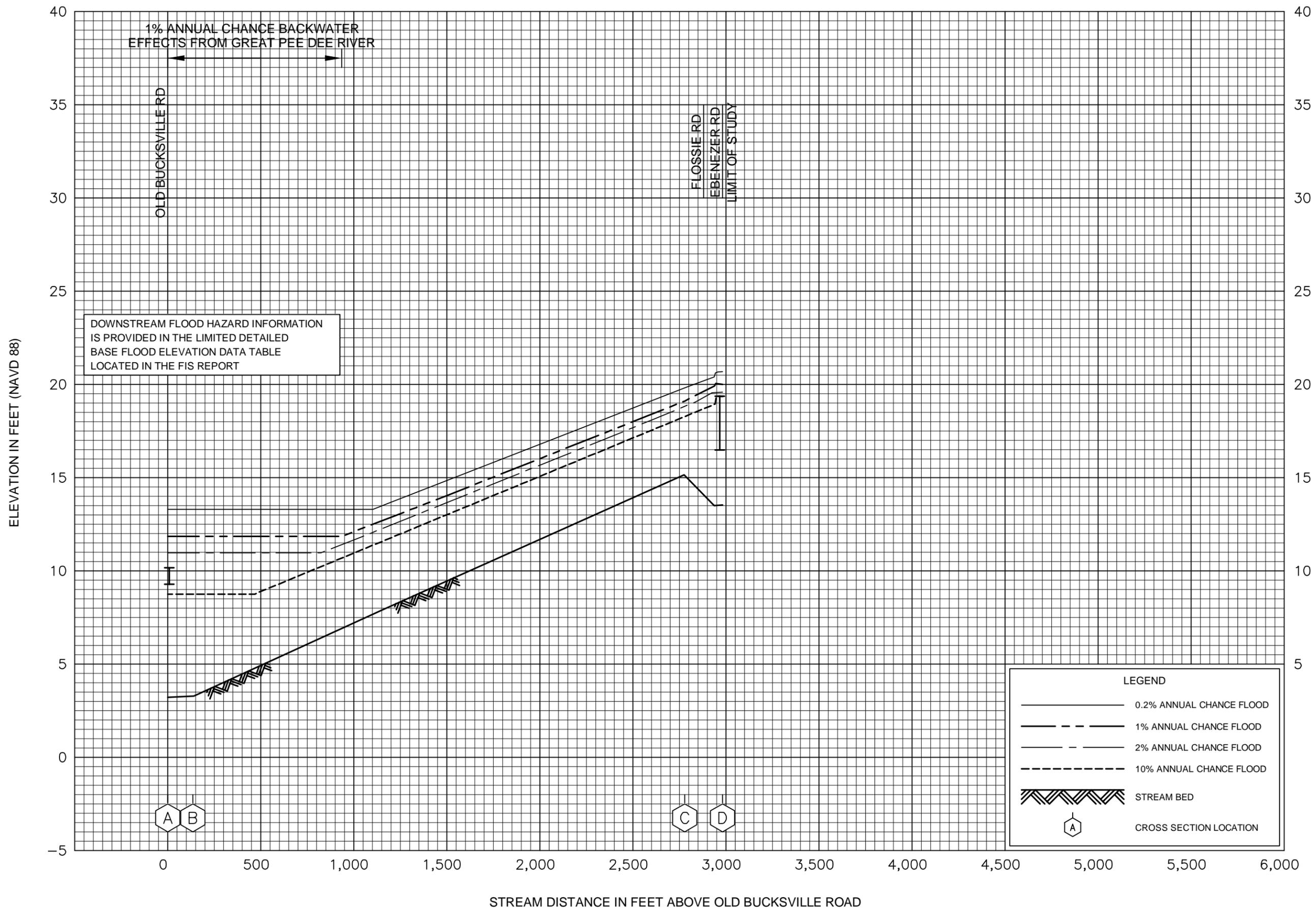
FLOOD PROFILES

WACCAMAW RIVER TRIBUTARY 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

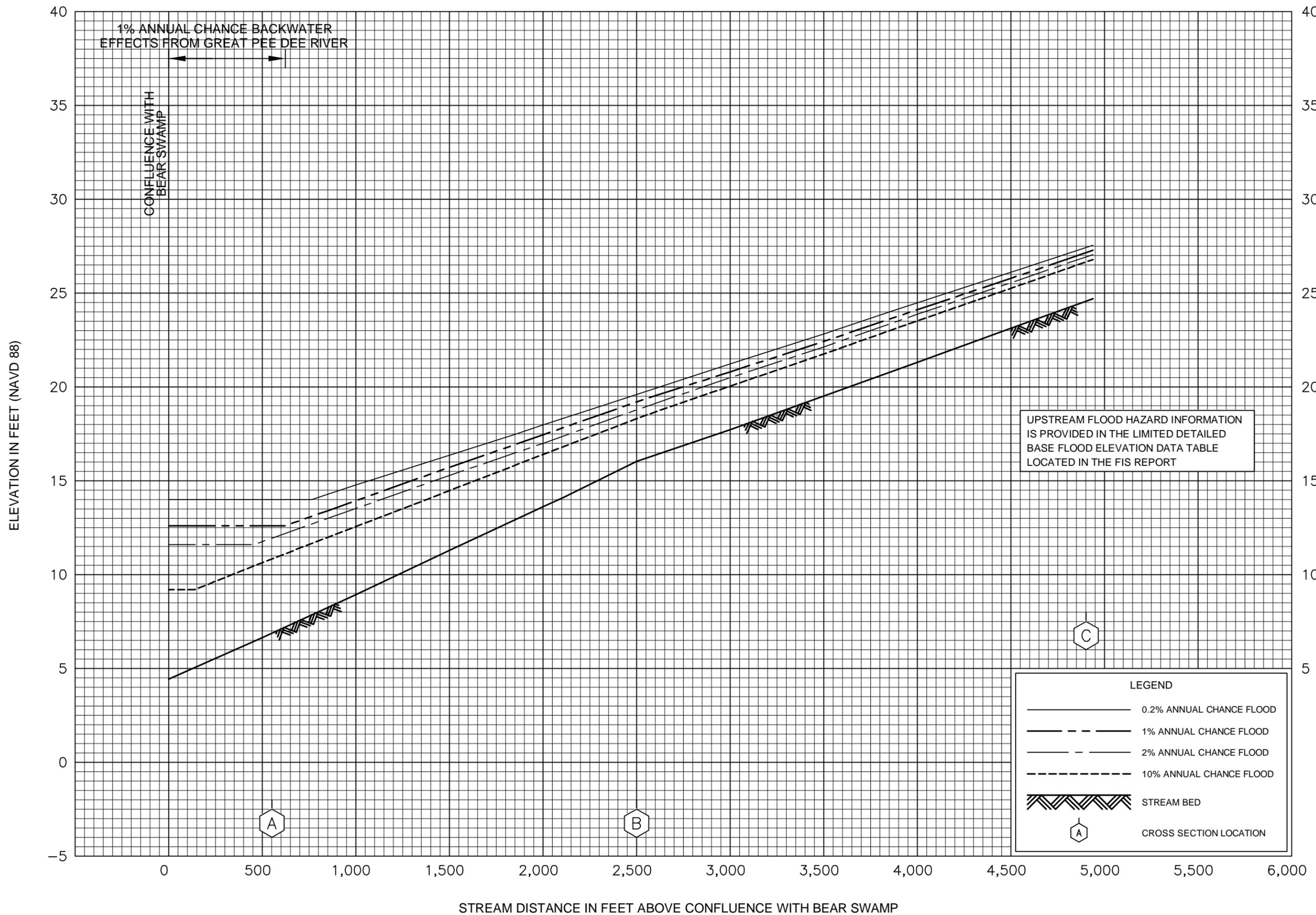


FLOOD PROFILES

WACCAMAW RIVER TRIBUTARY 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS



FLOOD PROFILES

WILLOW SPRINGS BRANCH

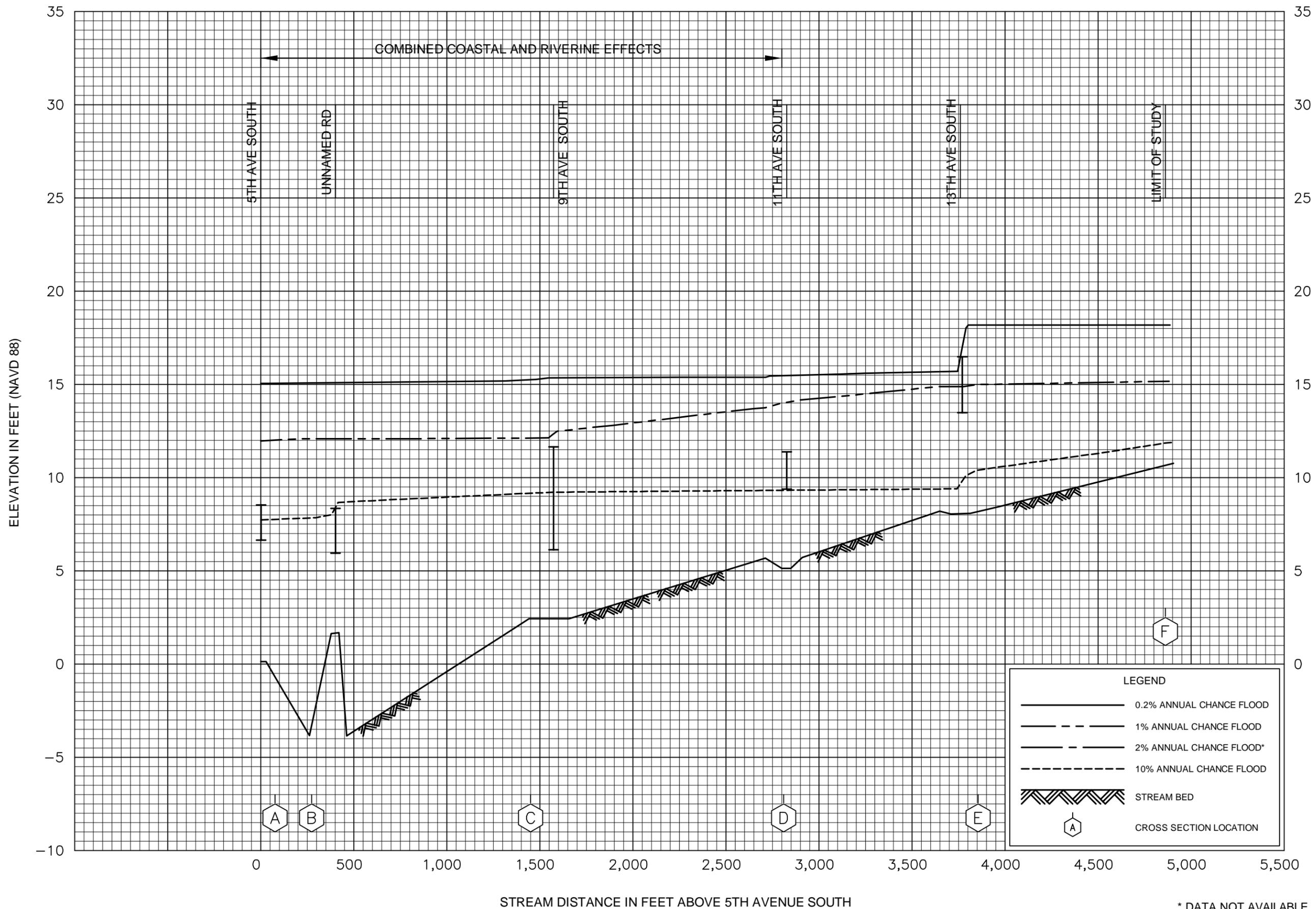
FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC

AND INCORPORATED AREAS

52P





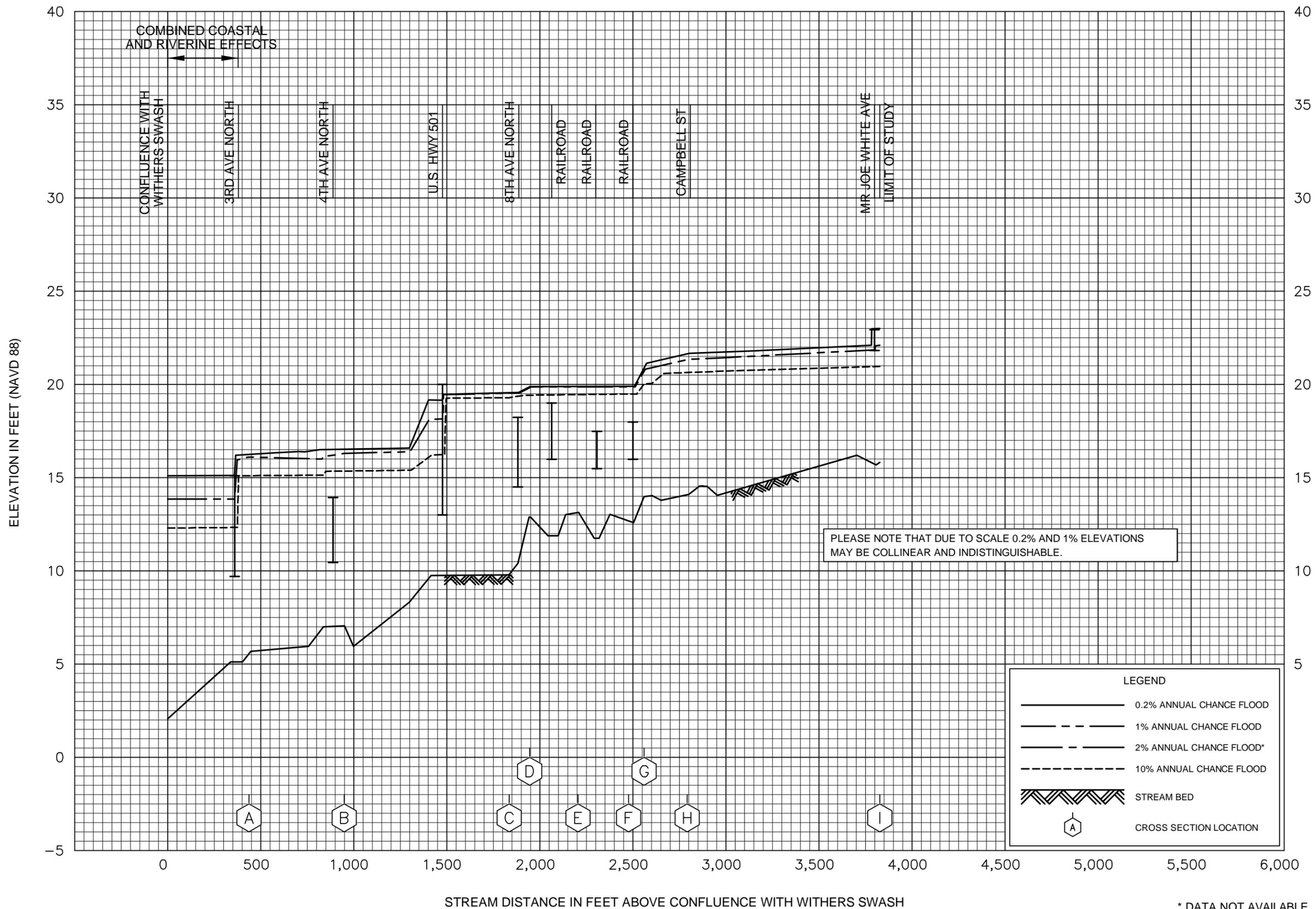
FLOOD PROFILES

WITHERS SWASH TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

\* DATA NOT AVAILABLE



FLOOD PROFILES

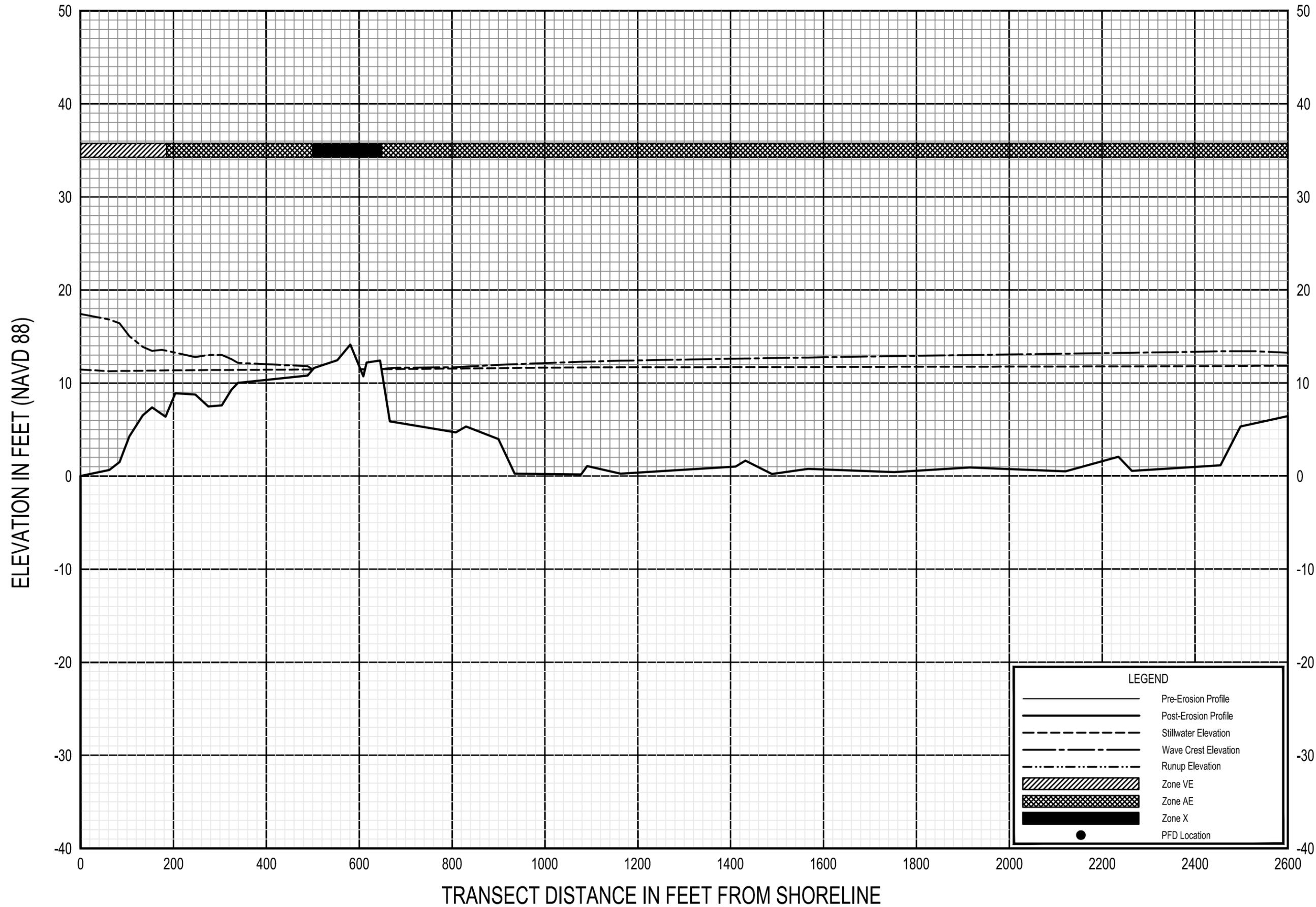
WITHERS SWASH TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

HORRY COUNTY, SC  
AND INCORPORATED AREAS

\* DATA NOT AVAILABLE



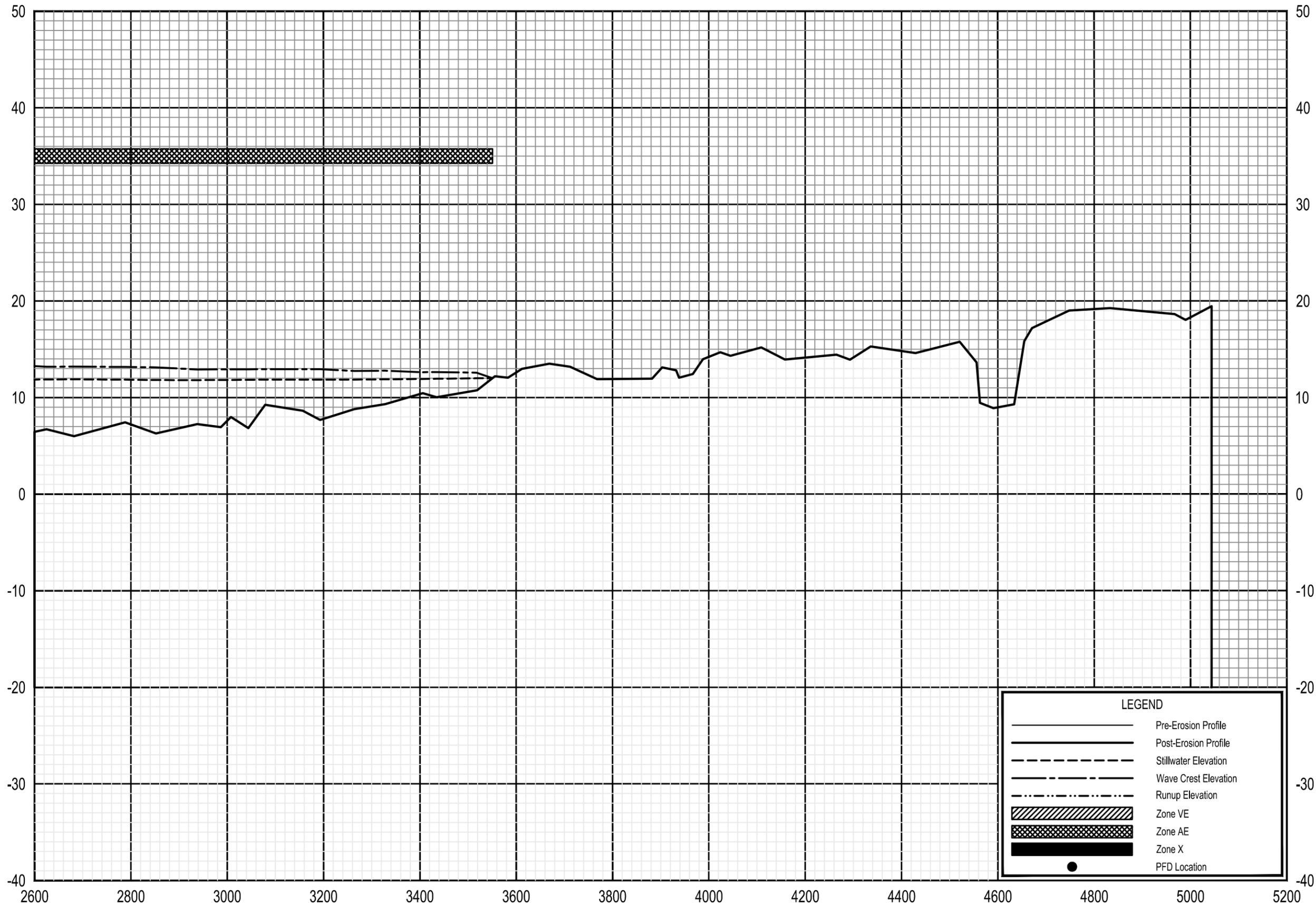


1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Horry County, SC  
 AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



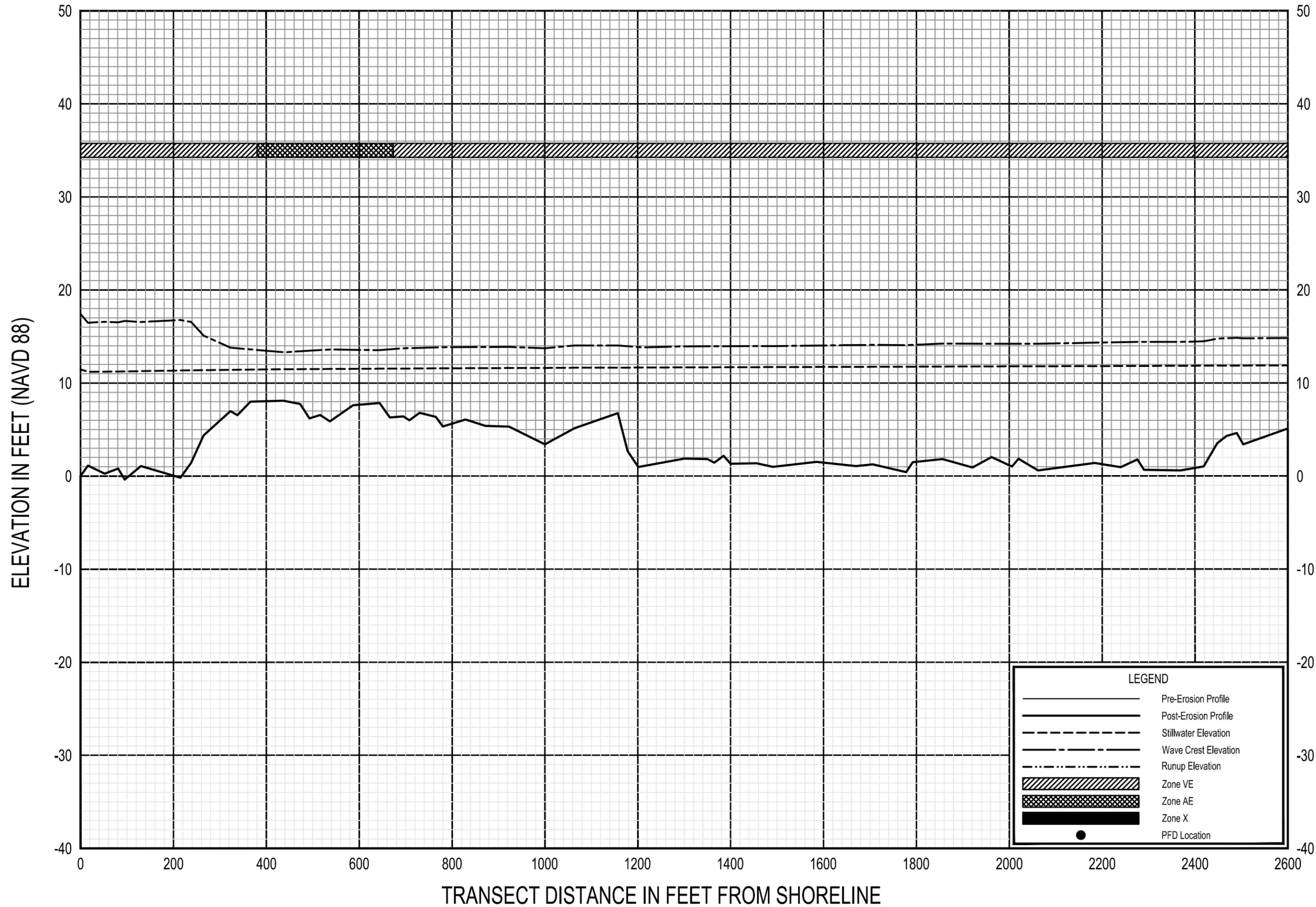
TRANSECT DISTANCE IN FEET FROM SHORELINE

1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

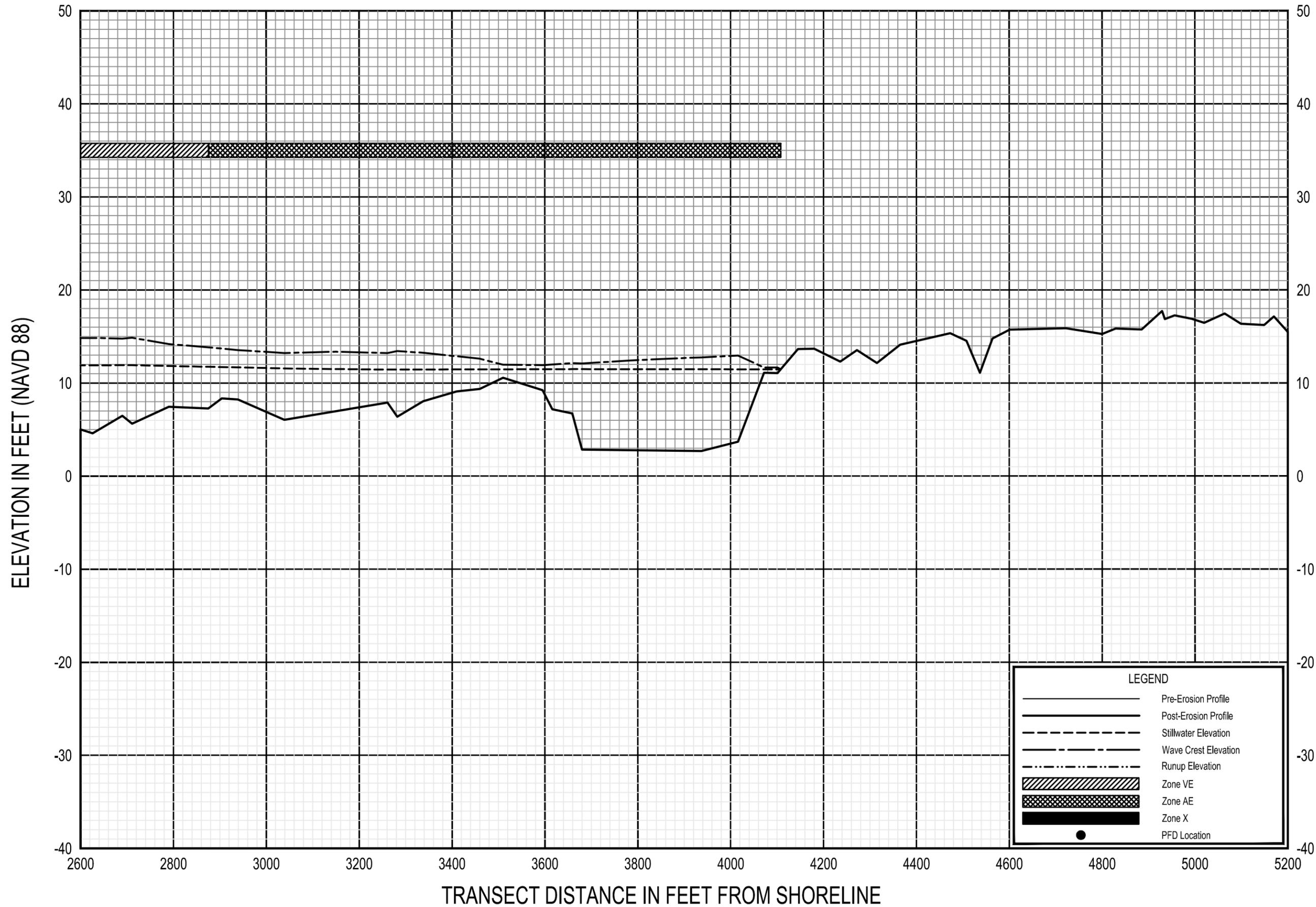
HORRY COUNTY, SC  
AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

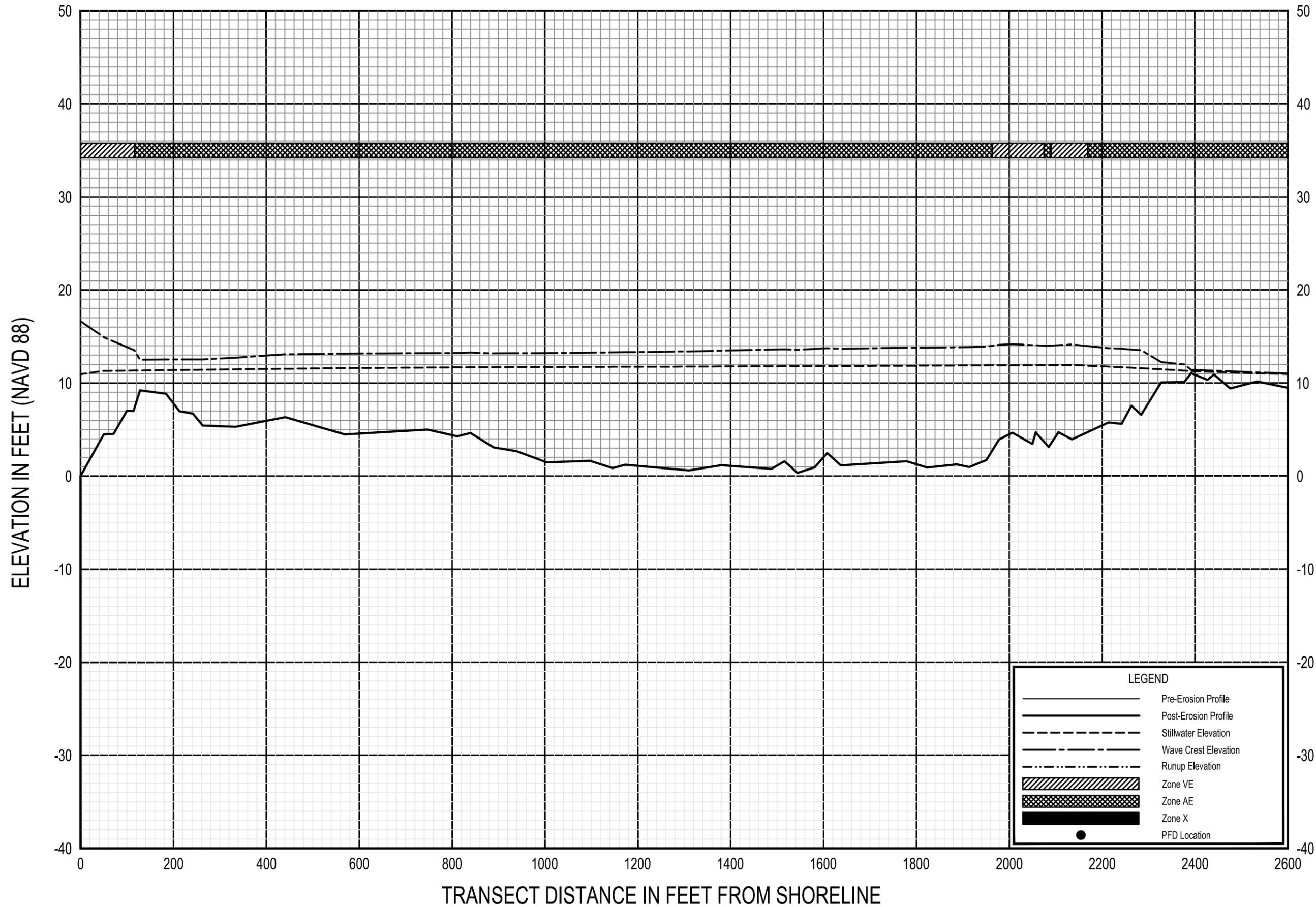
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 2

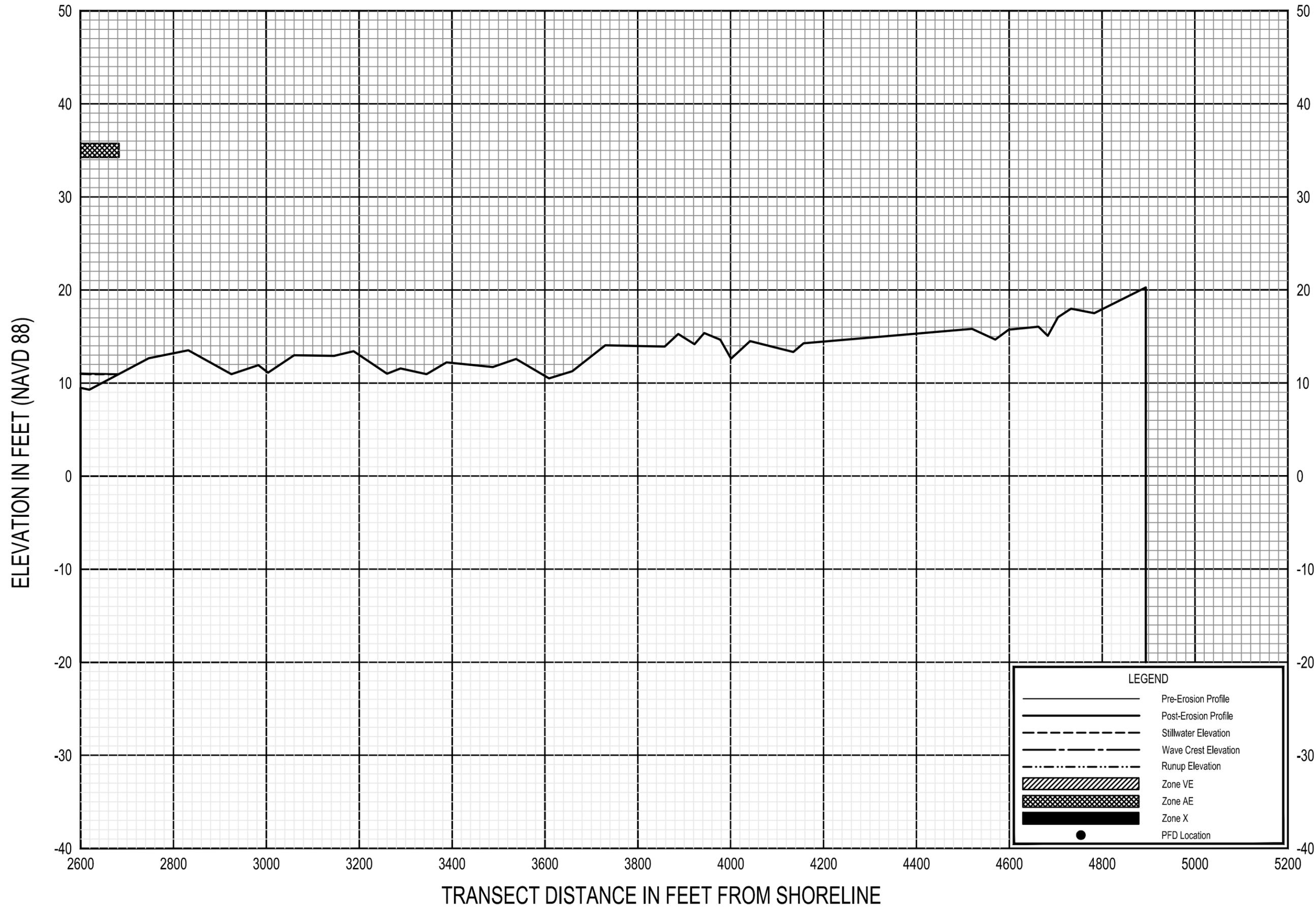
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Horry County, SC  
 AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 3

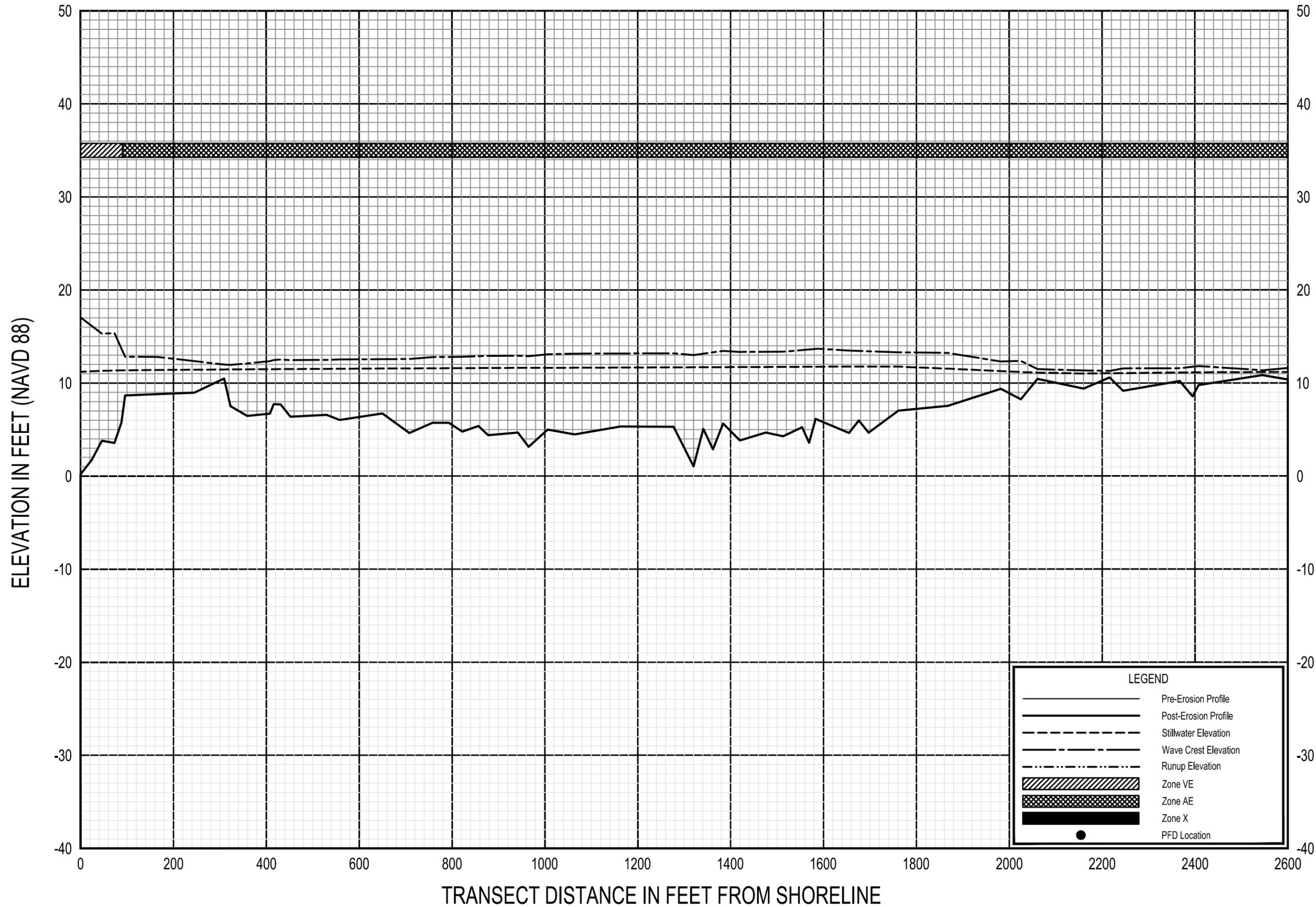
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 3

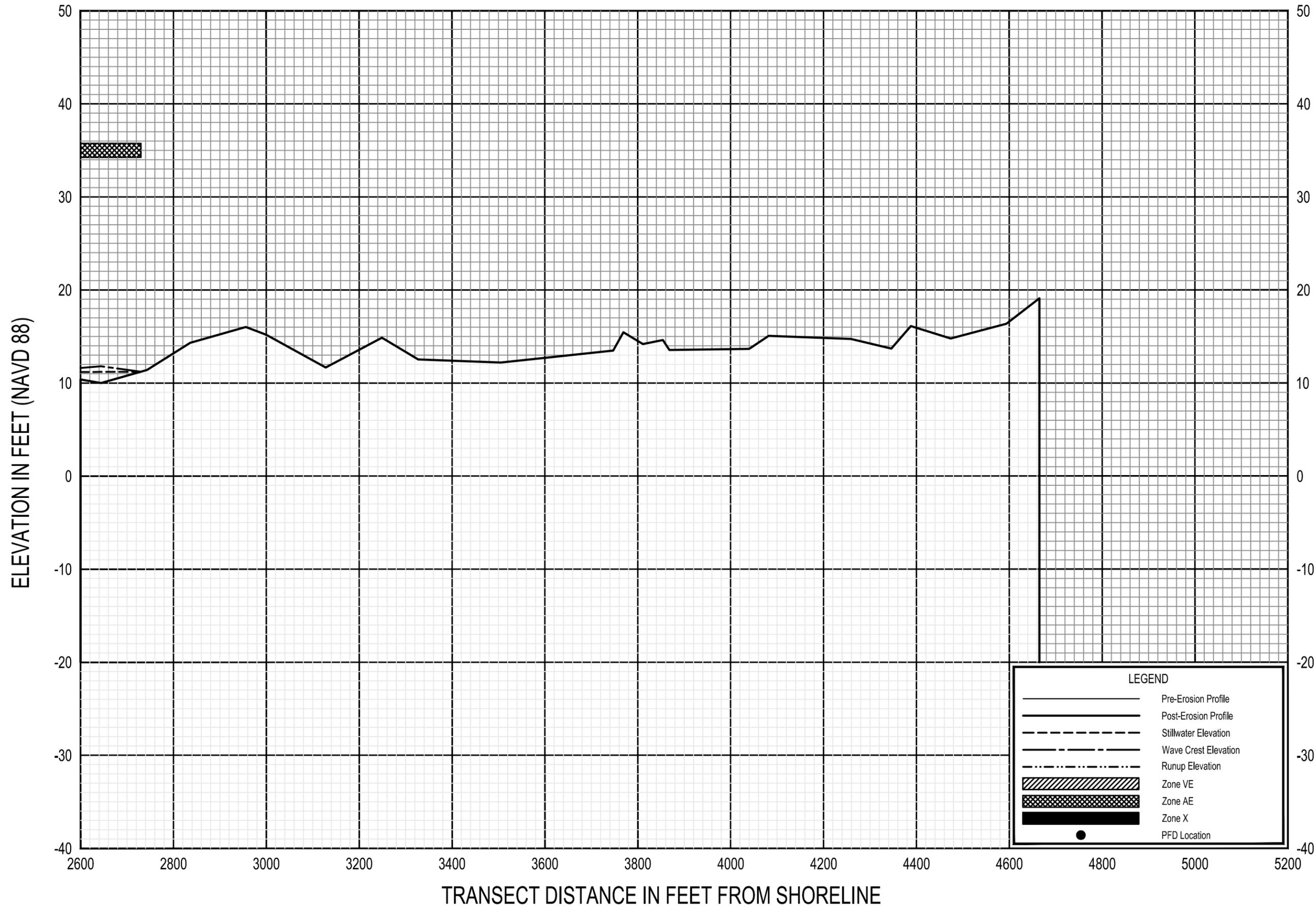
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Horry County, SC  
 AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 4

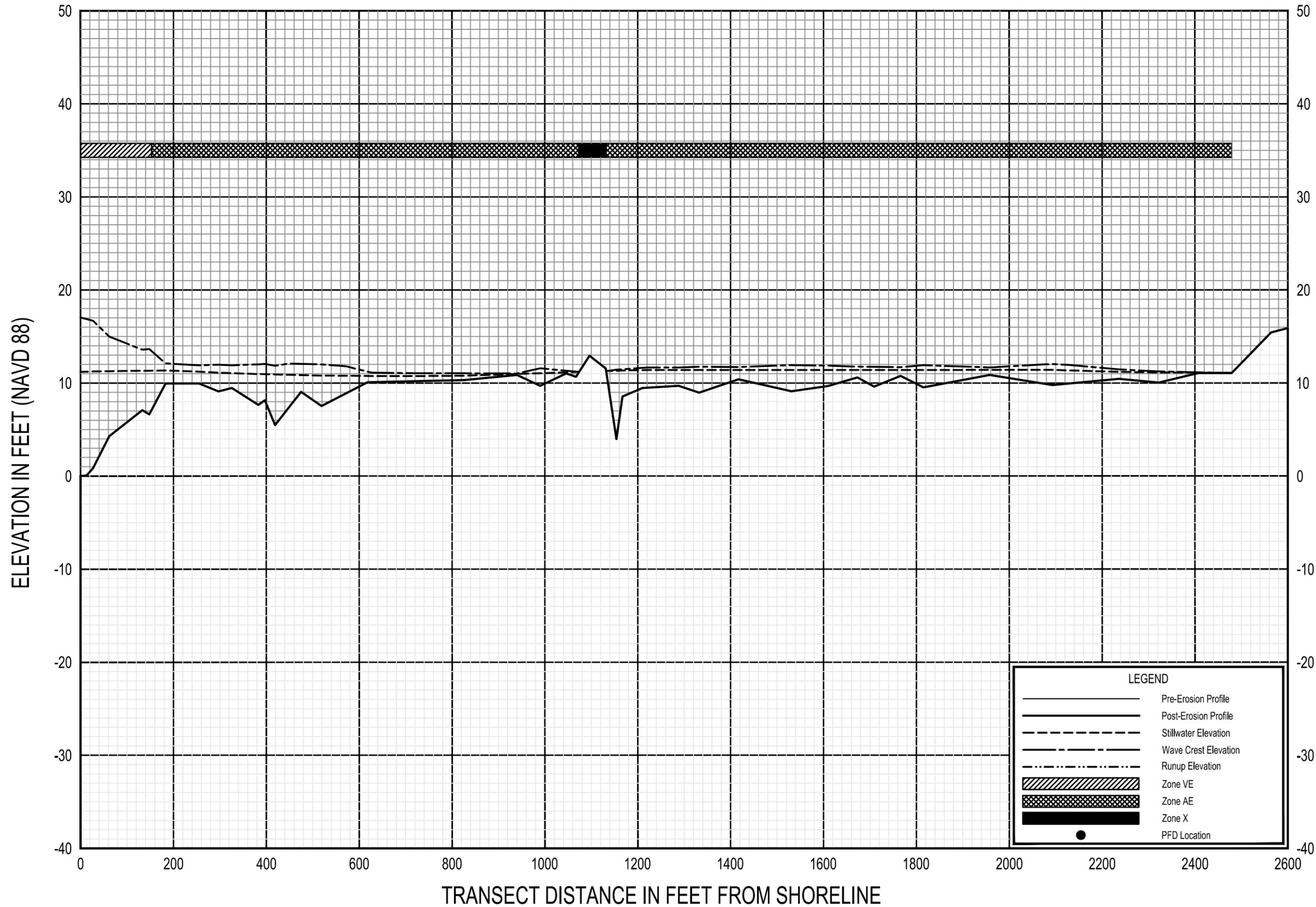
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 4

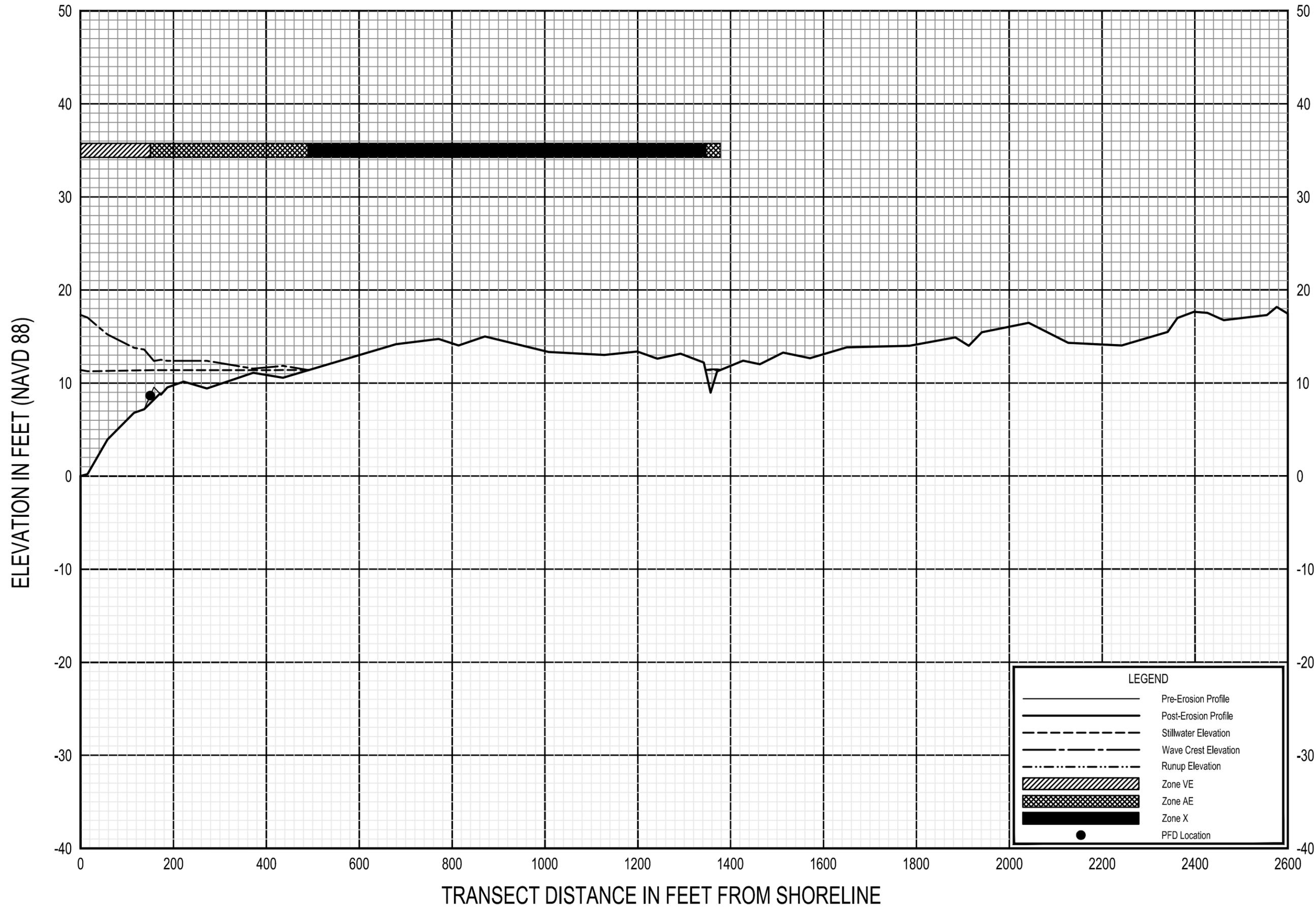
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Horry County, SC  
 AND INCORPORATED AREAS

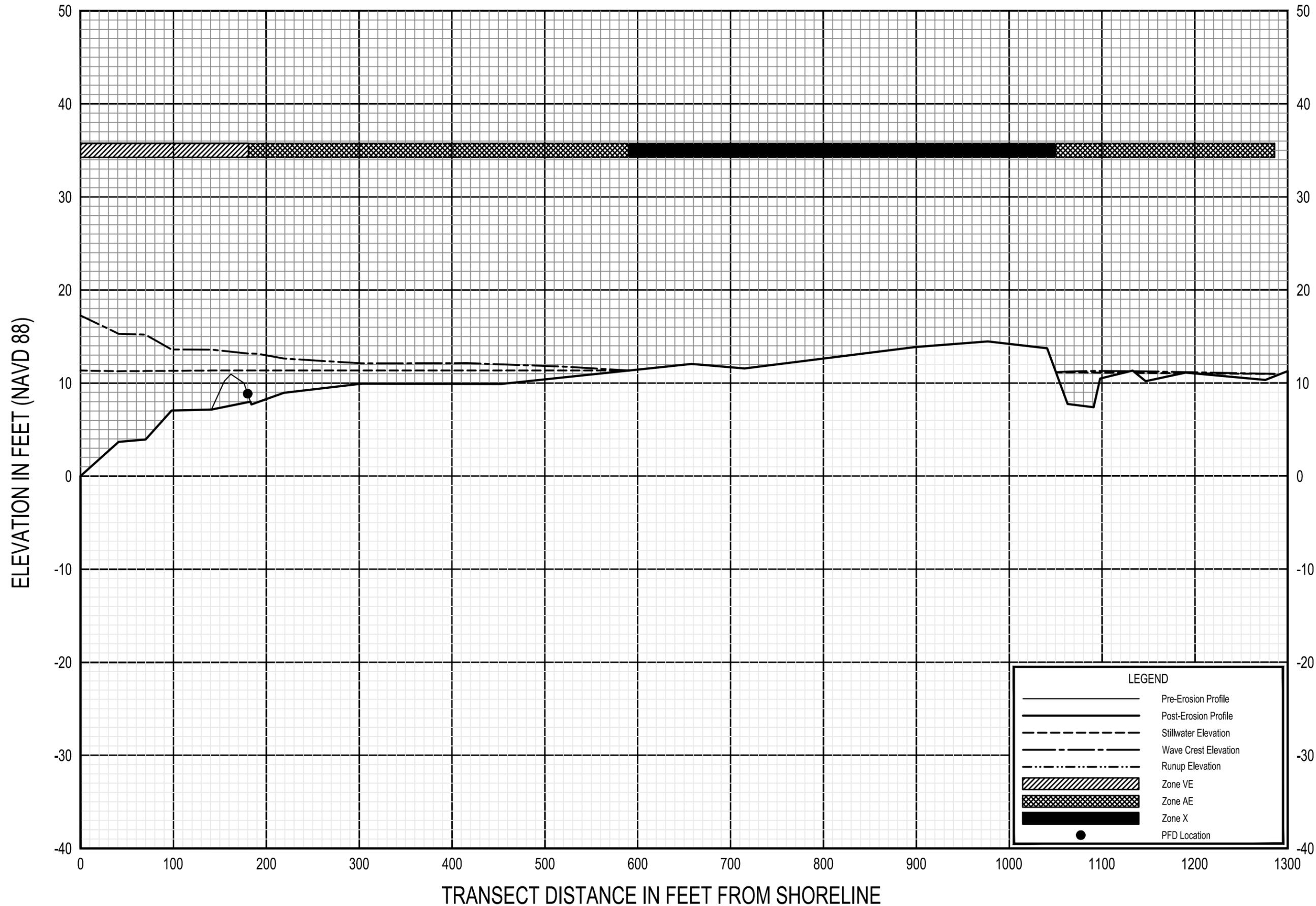


1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 5

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Horry County, SC  
 AND INCORPORATED AREAS

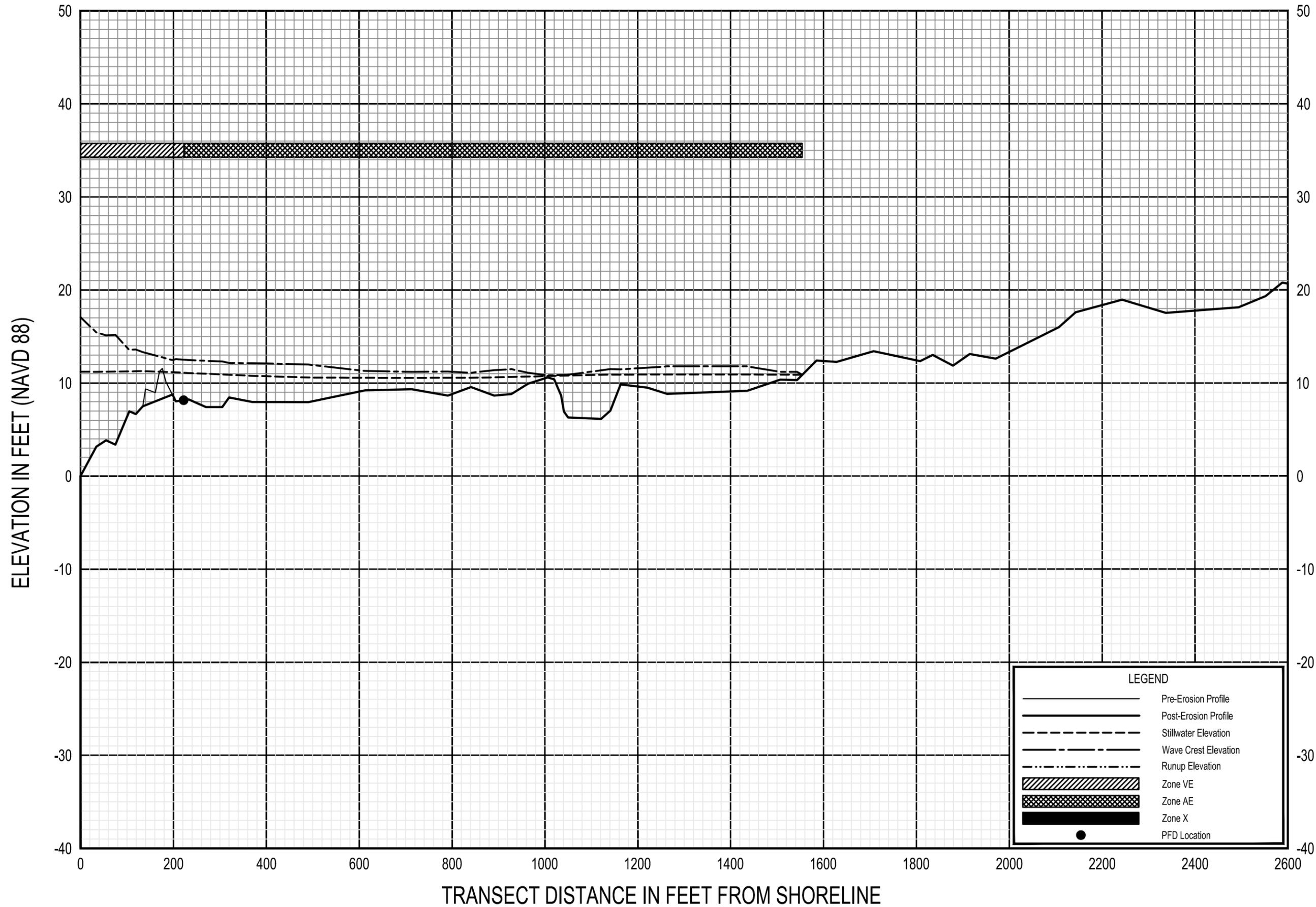




1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 7

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS



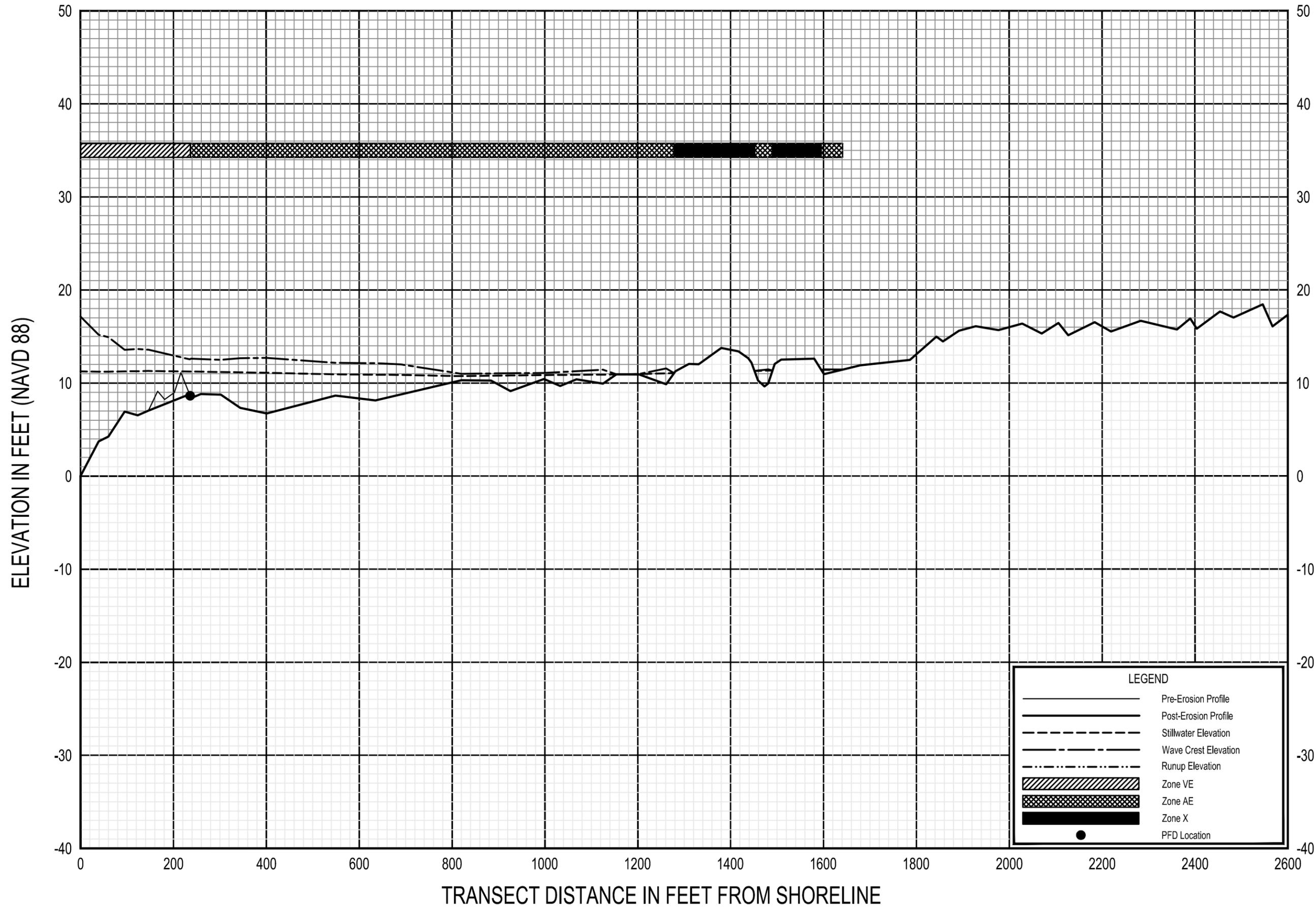
**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Stillwater Elevation
- · - Wave Crest Elevation
- · · Runup Elevation
- ▨ Zone VE
- ▩ Zone AE
- Zone X
- PFD Location

1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 8

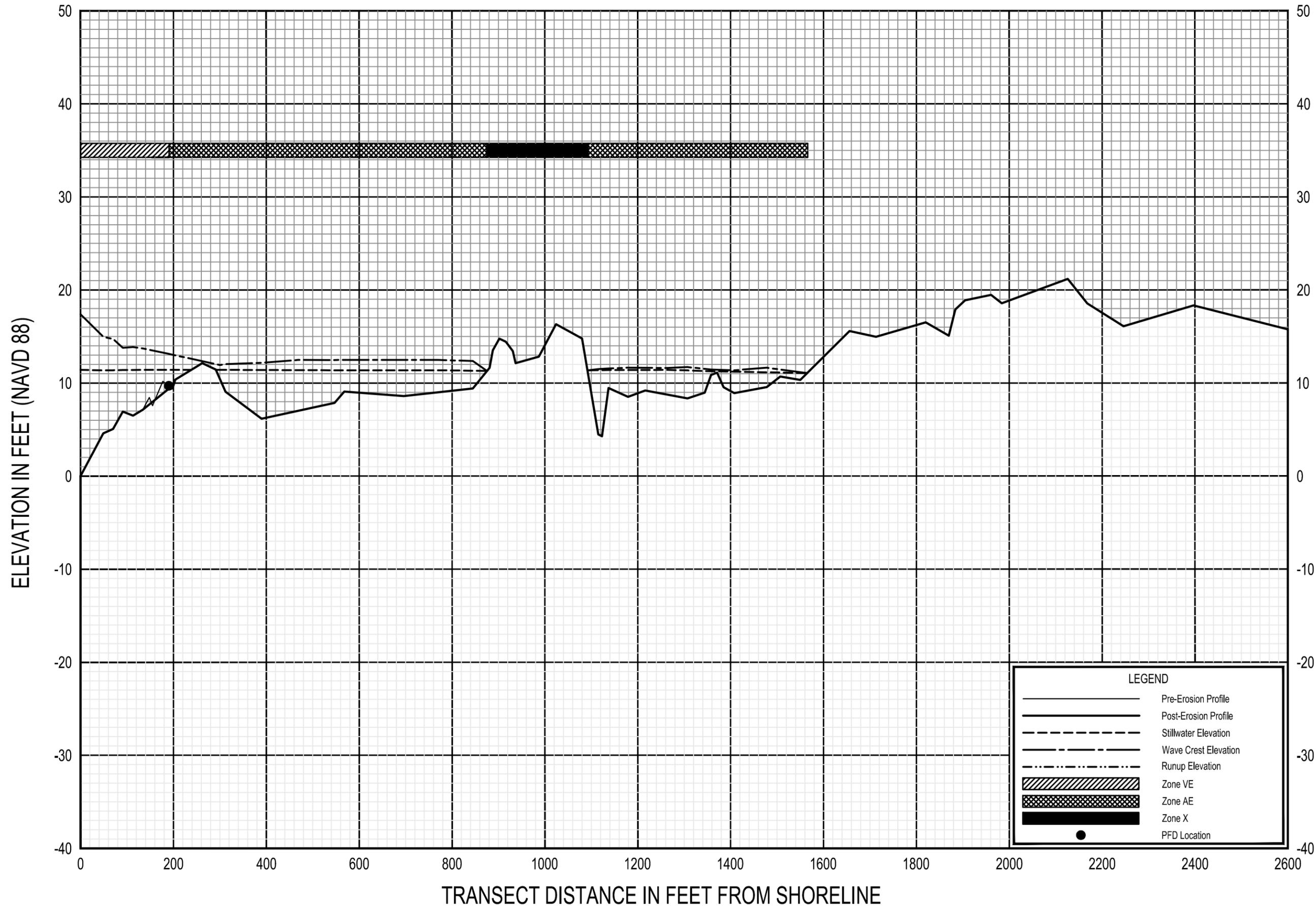
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS

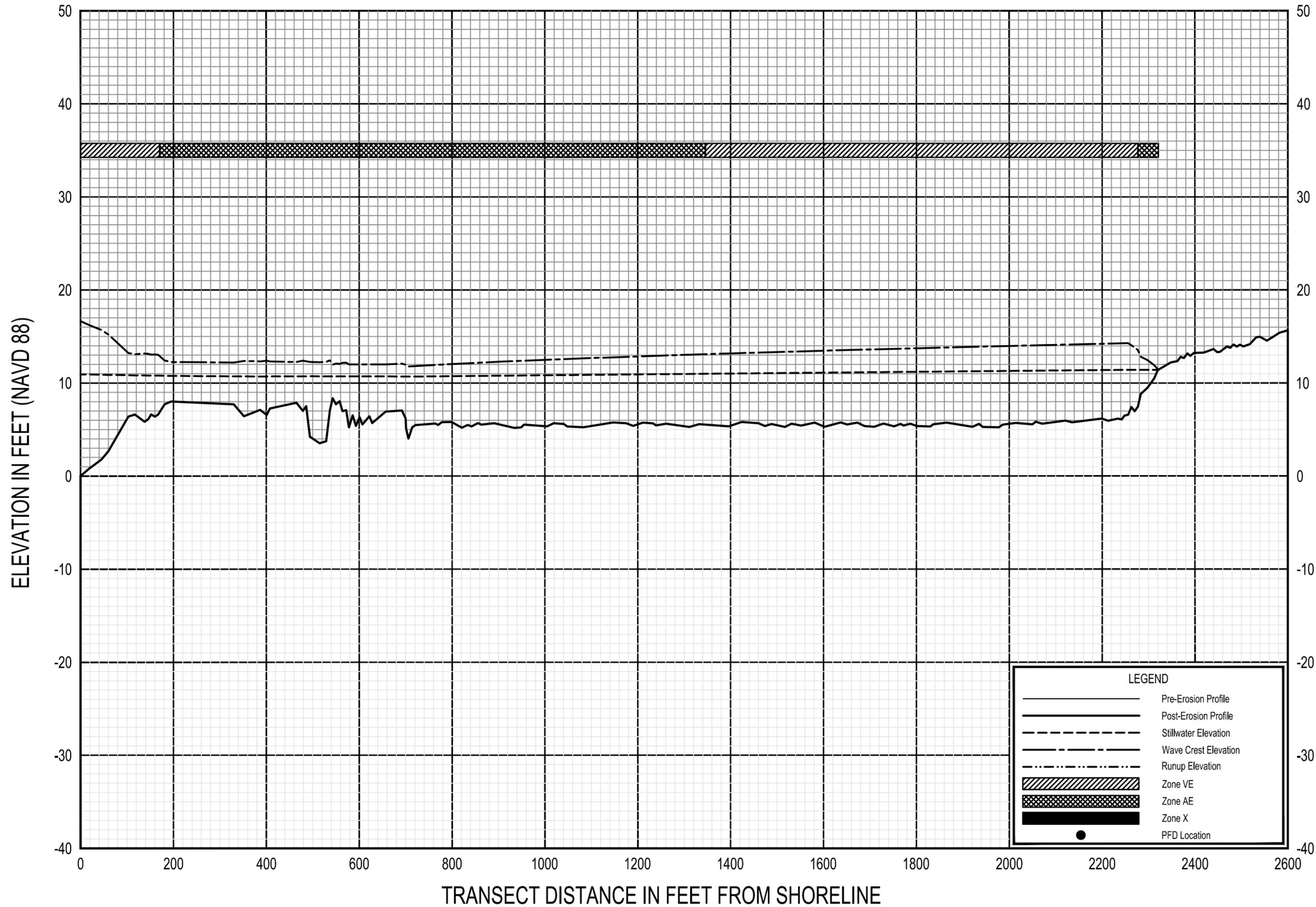


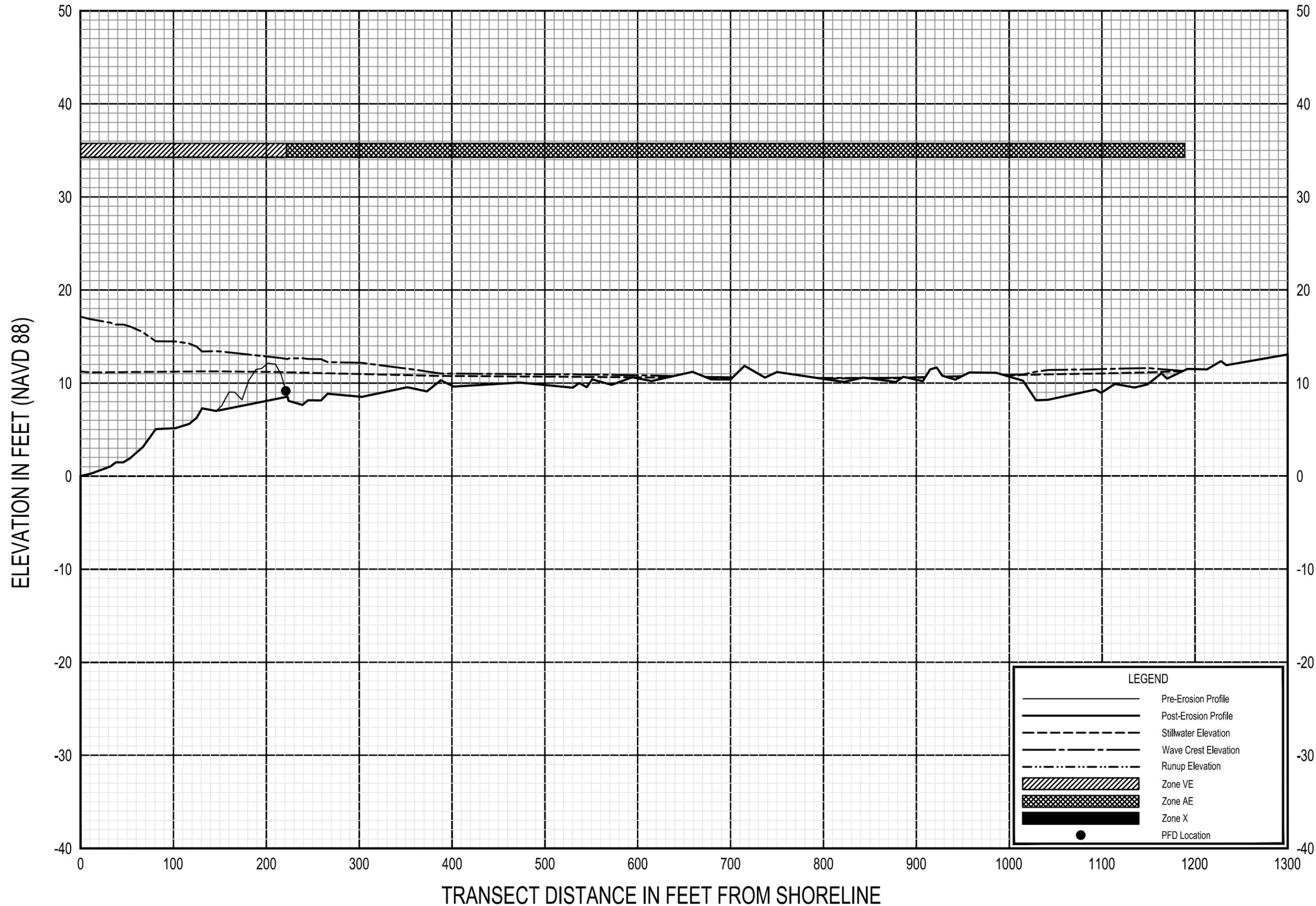
1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 9

FEDERAL EMERGENCY MANAGEMENT AGENCY  
HORRY COUNTY, SC  
AND INCORPORATED AREAS







ELEVATION IN FEET (NAVD 88)

TRANSECT DISTANCE IN FEET FROM SHORELINE

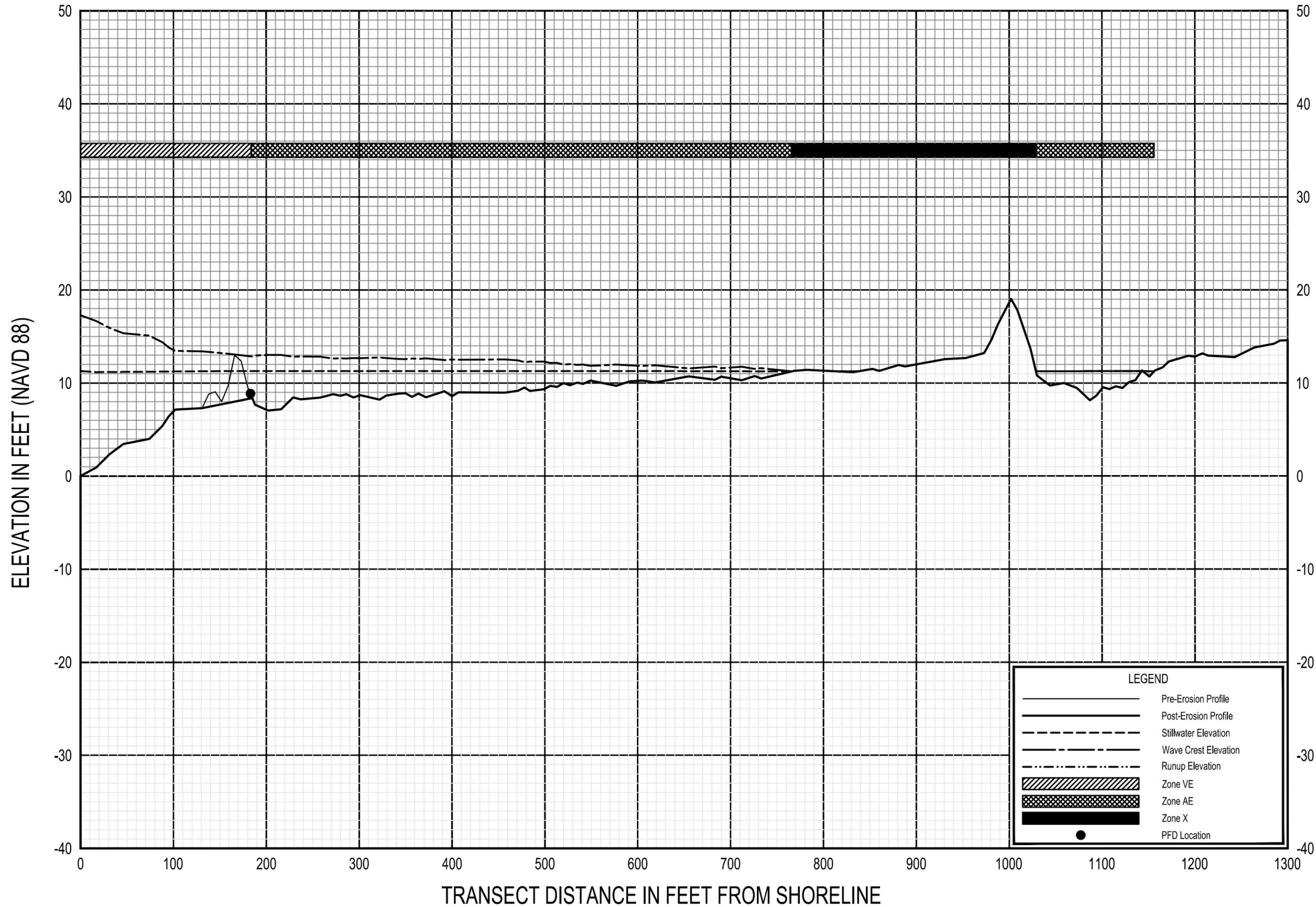
**LEGEND**

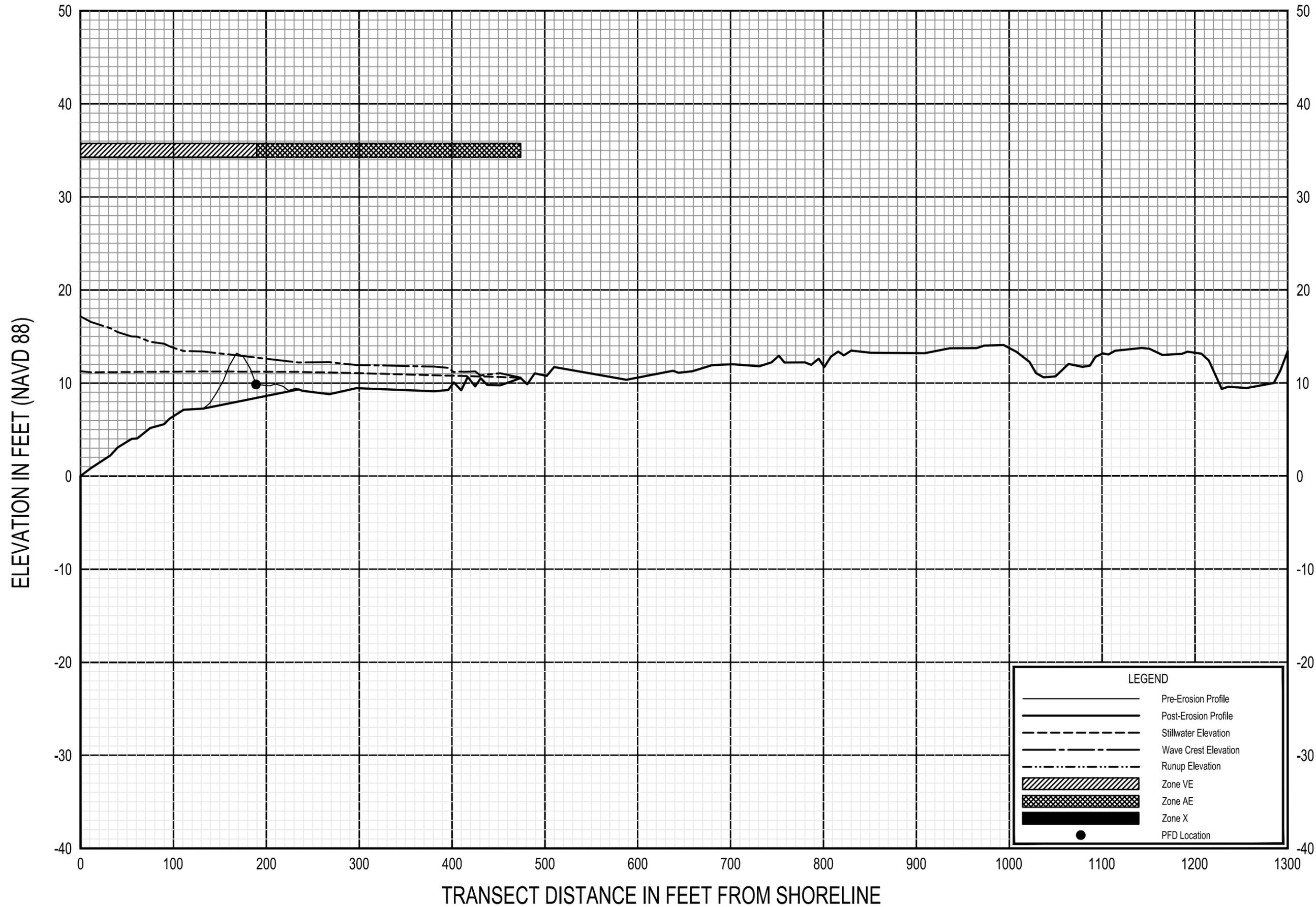
- Pre-Erosion Profile
- Post-Erosion Profile
- - - Stillwater Elevation
- - - Wave Crest Elevation
- · - Runup Elevation
- ▨ Zone VE
- ▩ Zone AE
- Zone X
- PFD Location

1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 12

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS





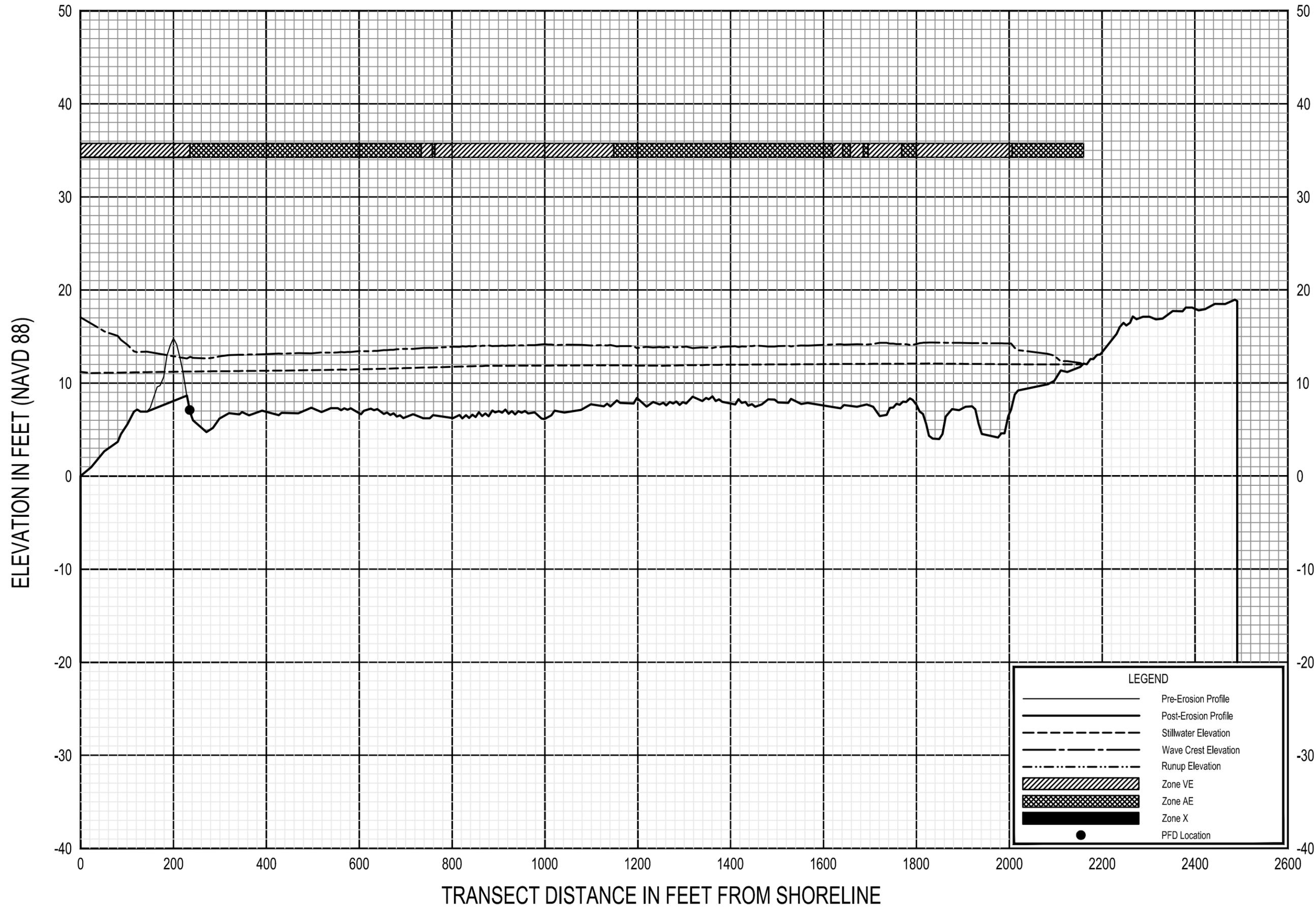
**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Stillwater Elevation
- · - Wave Crest Elevation
- · - Runup Elevation
- ▨ Zone VE
- ▩ Zone AE
- Zone X
- PFD Location

1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 14

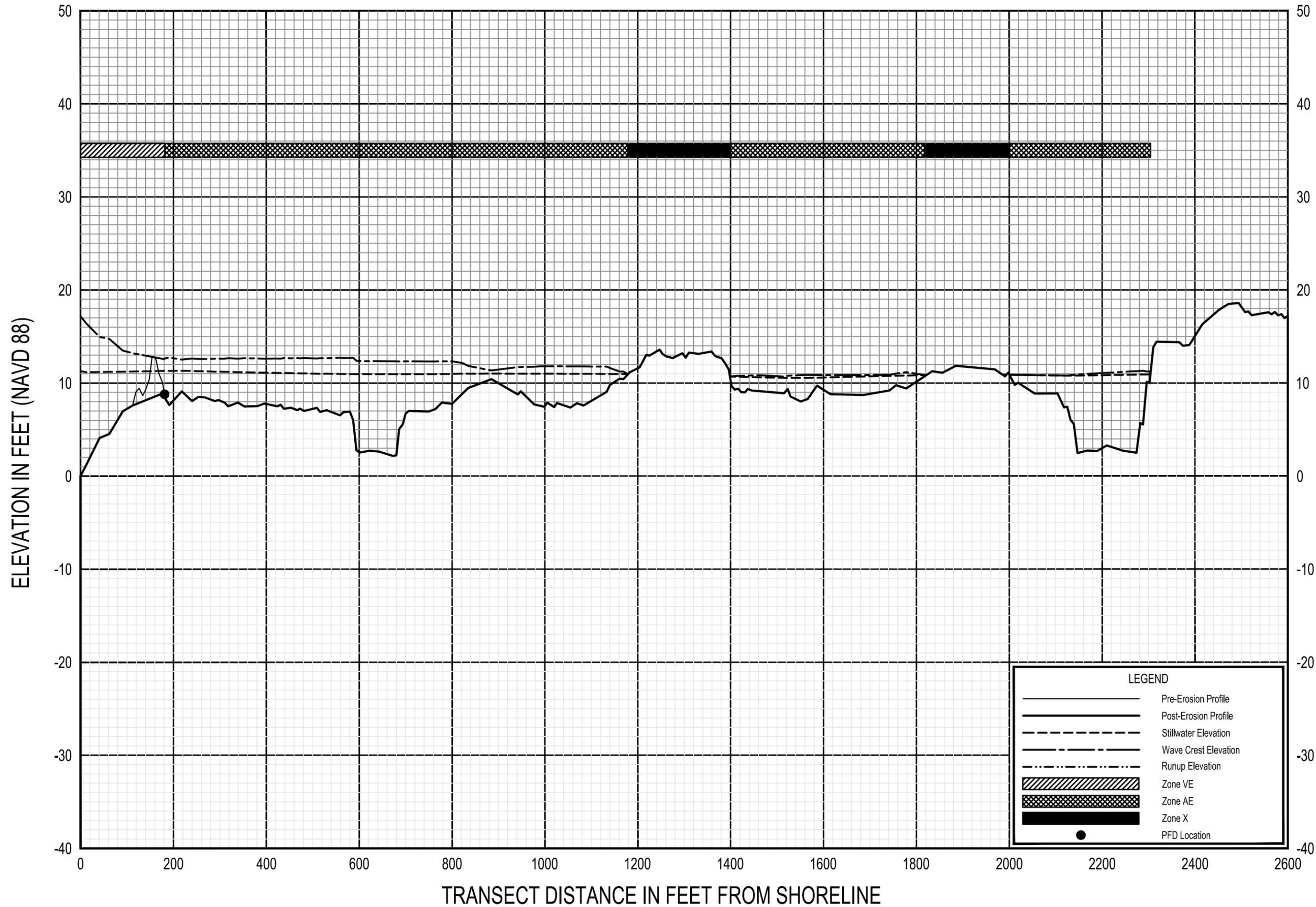
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS



1% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 15

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS



FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HORRY COUNTY, SC  
 AND INCORPORATED AREAS