

# FLOOD INSURANCE STUDY

## FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 15 OF 15



### LEE COUNTY, FLORIDA AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BONITA SPRINGS, CITY OF	120680
CAPE CORAL, CITY OF	125095
ESTERO, VILLAGE OF	120260
FORT MYERS, CITY OF	125106
FORT MYERS BEACH, TOWN OF	120673
LEE COUNTY, UNINCORPORATED AREAS	125124
SANIBEL, CITY OF	120402



# FEMA

**REVISED:**

**November 17, 2022**

FLOOD INSURANCE STUDY NUMBER

12071CV015C

Version Number 2.4.3.5

# TABLE OF CONTENTS

## Volume 1

	<u>Page</u>
<b>SECTION 1.0 – INTRODUCTION</b>	<b>1</b>
1.1 The National Flood Insurance Program	1
1.2 Purpose of this Flood Insurance Study Report	2
1.3 Jurisdictions Included in the Flood Insurance Study Project	2
1.4 Considerations for using this Flood Insurance Study Report	8
<b>SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS</b>	<b>20</b>
2.1 Floodplain Boundaries	20
2.2 Floodways	32
2.3 Base Flood Elevations	33
2.4 Non-Encroachment Zones	33
2.5 Coastal Flood Hazard Areas	33
2.5.1 Water Elevations and the Effects of Waves	34
2.5.2 Floodplain Boundaries and BFEs for Coastal Areas	35
2.5.3 Coastal High Hazard Areas	36
2.5.4 Limit of Moderate Wave Action	37
<b>SECTION 3.0 – INSURANCE APPLICATIONS</b>	<b>38</b>
3.1 National Flood Insurance Program Insurance Zones	38
<b>SECTION 4.0 – AREA STUDIED</b>	<b>39</b>
4.1 Basin Description	39
4.2 Principal Flood Problems	39
4.3 Non-Levee Flood Protection Measures	40
4.4 Levees	40
<b>SECTION 5.0 – ENGINEERING METHODS</b>	<b>41</b>
5.1 Hydrologic Analyses	41
5.2 Hydraulic Analyses	49
5.3 Coastal Analyses	62
5.3.1 Total Stillwater Elevations	66
5.3.2 Waves	68
5.3.3 Coastal Erosion	69

### Figures

	<u>Page</u>
Figure 1: FIRM Index	11
Figure 2: FIRM Notes to Users	13
Figure 3: Map Legend for FIRM	16
Figure 4: Floodway Schematic	32
Figure 5: Wave Runup Transect Schematic	35

Figure 6: Coastal Transect Schematic	37
Figure 7: Frequency Discharge-Drainage Area Curves	48
Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas	67

### Tables

	<u>Page</u>
Table 1: Listing of NFIP Jurisdictions	2
Table 2: Flooding Sources Included in this FIS Report	22
Table 3: Flood Zone Designations by Community	38
Table 4: Basin Characteristics	39
Table 5: Principal Flood Problems	39
Table 6: Historic Flooding Elevations	40
Table 7: Non-Levee Flood Protection Measures	40
Table 8: Levees	41
Table 9: Summary of Discharges	42
Table 10: Summary of Non-Coastal Stillwater Elevations	48
Table 11: Stream Gage Information used to Determine Discharges	48
Table 12: Summary of Hydrologic and Hydraulic Analyses	50
Table 13: Roughness Coefficients	61
Table 14: Summary of Coastal Analyses	63
Table 15: Tide Gage Analysis Specifics	68

### **Volume 2**

	<u>Page</u>
<b>SECTION 5.0 – ENGINEERING METHODS (CONTINUED)</b>	
5.3.4 Wave Hazard Analyses	70
5.4 Alluvial Fan Analyses	137
<b>SECTION 6.0 – MAPPING METHODS</b>	<b>137</b>
6.1 Vertical and Horizontal Control	137
6.2 Base Map	138
6.3 Floodplain and Floodway Delineation	139

### Figures

	<u>Page</u>
Figure 9: Transect Location Map	127

### Tables

	<u>Page</u>
Table 16: Coastal Transect Parameters	71
Table 17: Summary of Alluvial Fan Analyses	137

Table 18: Results of Alluvial Fan Analyses	137
Table 19: Countywide Vertical Datum Conversion	137
Table 20: Stream-Based Vertical Datum Conversion	138
Table 21: Base Map Sources	138
Table 22: Summary of Topographic Elevation Data used in Mapping	140

### Volume 3

	<u>Page</u>
<b>SECTION 6.0 – MAPPING METHODS (CONTINUED)</b>	
6.4 Coastal Flood Hazard Mapping	191
6.5 FIRM Revisions	213
6.5.1 Letters of Map Amendment	214
6.5.2 Letters of Map Revision Based on Fill	214
6.5.3 Letters of Map Revision	214
6.5.4 Physical Map Revisions	216
6.5.5 Contracted Restudies	216
6.5.6 Community Map History	216
<b>SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION</b>	
7.1 Contracted Studies	218

### Tables

	<u>Page</u>
Table 23: Floodway Data	141
Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams	191
Table 25: Summary of Coastal Transect Mapping Considerations	192
Table 26: Incorporated Letters of Map Change	215
Table 27: Community Map History	217
Table 28: Summary of Contracted Studies Included in this FIS Report	219

### Volume 4

	<u>Page</u>
<b>SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION (CONTINUED)</b>	
7.2 Community Meetings	226
<b>SECTION 8.0 – ADDITIONAL INFORMATION</b>	
<b>SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES</b>	
	<b>230</b>

## Tables

	<u>Page</u>
Table 29: Community Meetings	227
Table 30: Map Repositories	229
Table 31: Additional Information	230
Table 32: Bibliography and References	231

## Exhibits

<u>Flood Profiles</u>	<u>Panel</u>
Bayshore Creek	01-02 P
Bedman Creek/Dog Canal	03-06 P
Billy Creek	07-08 P
Carrell Canal	09-10 P
Chapel Branch Creek	11-12 P
Cypress Creek	13-14 P
Daughtrey Creek	15-17 P
East Branch Daughtrey Creek	18-19 P
East Branch Yellow Fever Creek	20-22 P
Estero River	23-25 P
Fichter Creek	26 P
Ford Street Canal	27-28 P
Halfway Creek	29-30 P
Halls Creek	31 P
Hancock Creek	32 P
Hickey Creek/Hickey Creek Drainageway	33-35 P
Hickey Creek (Upstream of Hickey Creek Drainageway)	36 P
Imperial River	37-38 P
L-3 Canal	39-40 P
Leitner Creek	41-42 P
Manuels Branch	43-44 P
Marsh Point Creek	45-46 P
Mullock Creek	47 P
Mullock Creek Tributary	48 P
North Colonial Waterway	49 P
Oak Creek	50 P
Orange River	51-52 P
Owl Creek	53-54 P
Palm Creek	55-57 P
Popash Creek	58-60 P
Powell Creek/Powell Bypass	61-63 P
Powell Creek (Upstream of Confluence of Powell Bypass)	64 P
Powell Creek Tributary No. 1	65 P
Six Mile Cypress Slough	66-69 P
South Branch	70 P
Spanish Canal	71 P

Spanish Creek	72-74 P
Spring Creek	75 P
Stricklin Gully	76 P

**Volume 5**  
Exhibits

Flood Profiles	<u>Panel</u>
Stroud Creek	77-78 P
Telegraph Creek	79-80 P
Ten Mile Canal	81-84 P
Tributary L-1 (Yellow Fever Creek Tributary)	85 P
Tributary L-2 (Yellow Fever Creek Tributary)	86 P
Trout Creek/Curry Lake Canal	87-88 P
Winkler Canal	89-90 P
Yellow Fever Creek	91 P

Transect Profiles	<u>Panel</u>
Transect 1	001 T
Transect 2	002 T
Transect 3	003 T
Transect 4	004 T
Transect 5	005-006 T
Transect 6	007-008 T
Transect 7	009-010 T
Transect 8	011-012 T
Transect 9	013-014 T
Transect 10	015 T
Transect 11	016 T
Transect 12	017 T
Transect 13	018-019 T
Transect 14	020-021 T
Transect 15	022-024 T
Transect 16	025-026 T
Transect 17	027-028 T
Transect 18	029-030 T
Transect 19	031 T
Transect 20	032-033 T
Transect 21	034 T
Transect 22	035 T
Transect 23	036-037 T
Transect 24	038-039 T
Transect 25	040 T
Transect 26	041 T
Transect 27	042 T
Transect 28	043 T
Transect 29	044-045 T

Transect 30	046 T
Transect 31	047 T
Transect 32	048 T
Transect 33	049-050 T
Transect 34	051 T
Transect 35	052 T
Transect 36	053 T
Transect 37	054-055 T
Transect 38	056-057 T
Transect 39	058-059 T
Transect 40	060-061 T
Transect 41	062-063 T
Transect 42	064-065 T
Transect 43	066-067 T
Transect 44	068-069 T

**Volume 6**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 45	070-072 T
Transect 46	073-075 T
Transect 47	076-078 T
Transect 48	079-081 T
Transect 49	082-084 T
Transect 50	085-087 T
Transect 51	088-090 T
Transect 52	091-093 T
Transect 53	094-095 T
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Transect 58	104-105 T
Transect 59	106-107 T
Transect 60	108-110 T
Transect 61	111-113 T
Transect 62	114-115 T
Transect 63	116-117 T
Transect 64	118-119 T
Transect 65	120 T
Transect 66	121 T
Transect 67	122 T
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Transect 69	124 T
Transect 70	125-126 T
Transect 71	127-128 T
Transect 72	129-130 T
Transect 73	131-132 T

Transect 74	133-134 T
Transect 75	135 T
Transect 76	136 T
Transect 77	137-139 T
Transect 78	140-142 T
Transect 79	143-144 T
Transect 80	145-147 T
Transect 81	148-150 T
Transect 82	151-152 T

**Volume 7**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 83	153-154 T
Transect 84	155-156 T
Transect 85	157 T
Transect 86	158 T
Transect 87	159 T
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Transect 90	162 T
Transect 91	163 T
Transect 92	164 T
Transect 93	165-166 T
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Transect 114	217-219 T
Transect 115	220-222 T
Transect 116	223-225 T
Transect 117	226-228 T



Transect 118	229-230 T
Transect 119	231-232 T

**Volume 8**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 120	233-235 T
Transect 121	236-237 T
Transect 122	238-239 T
Transect 123	240-241 T
Transect 124	242-243 T
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Transect 135	264-265 T
Transect 136	266-268 T
Transect 137	269-271 T
Transect 138	272-273 T
Transect 139	274-275 T
Transect 140	276-277 T
Transect 141	278-279 T
Transect 142	280-282 T
Transect 143	283-284 T
Transect 144	285-286 T
Transect 145	287-289 T
Transect 146	290-292 T
Transect 147	293-294 T
Transect 148	295-296 T
Transect 149	297-298 T
Transect 150	299-300 T
Transect 151	301-302 T
Transect 152	303-304 T
Transect 153	305-306 T
Transect 154	307-308 T
Transect 155	309-310 T
Transect 156	311-313 T

**Volume 9**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 157	314-316 T
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Transect 161	325-326 T
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Transect 163	329-330 T
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Transect 168	340-341 T
Transect 169	342-343 T
Transect 170	344-346 T
Transect 171	347-348 T
Transect 172	349-351 T
Transect 173	352-353 T
Transect 174	354-355 T
Transect 175	356-357 T
Transect 176	358-359 T
Transect 177	360-361 T
Transect 178	362-363 T
Transect 179	364 T
Transect 180	365-366 T
Transect 181	367-370 T
Transect 182	369-370 T
Transect 183	371-372 T
Transect 184	373-374 T
Transect 185	375-376 T
Transect 186	377-378 T
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**Volume 10**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 196	396-397 T
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Transect 222	457-459 T
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**Volume 11**  
Exhibits

Transect Profiles	<u>Panel</u>
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Transect 265	559-561 T

**Volume 12**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 266	562-563 T
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Transect 299	627-629 T

**Volume 13**  
Exhibits

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Transect 313	661-662 T
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Transect 338	708-709 T
Transect 339	710 T

**Volume 14**  
Exhibits

Transect Profiles	<u>Panel</u>
Transect 340	711-713 T
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Transect 359	753-755 T
Transect 360	756-757 T
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Transect 369	776-778 T
Transect 370	779-781 T

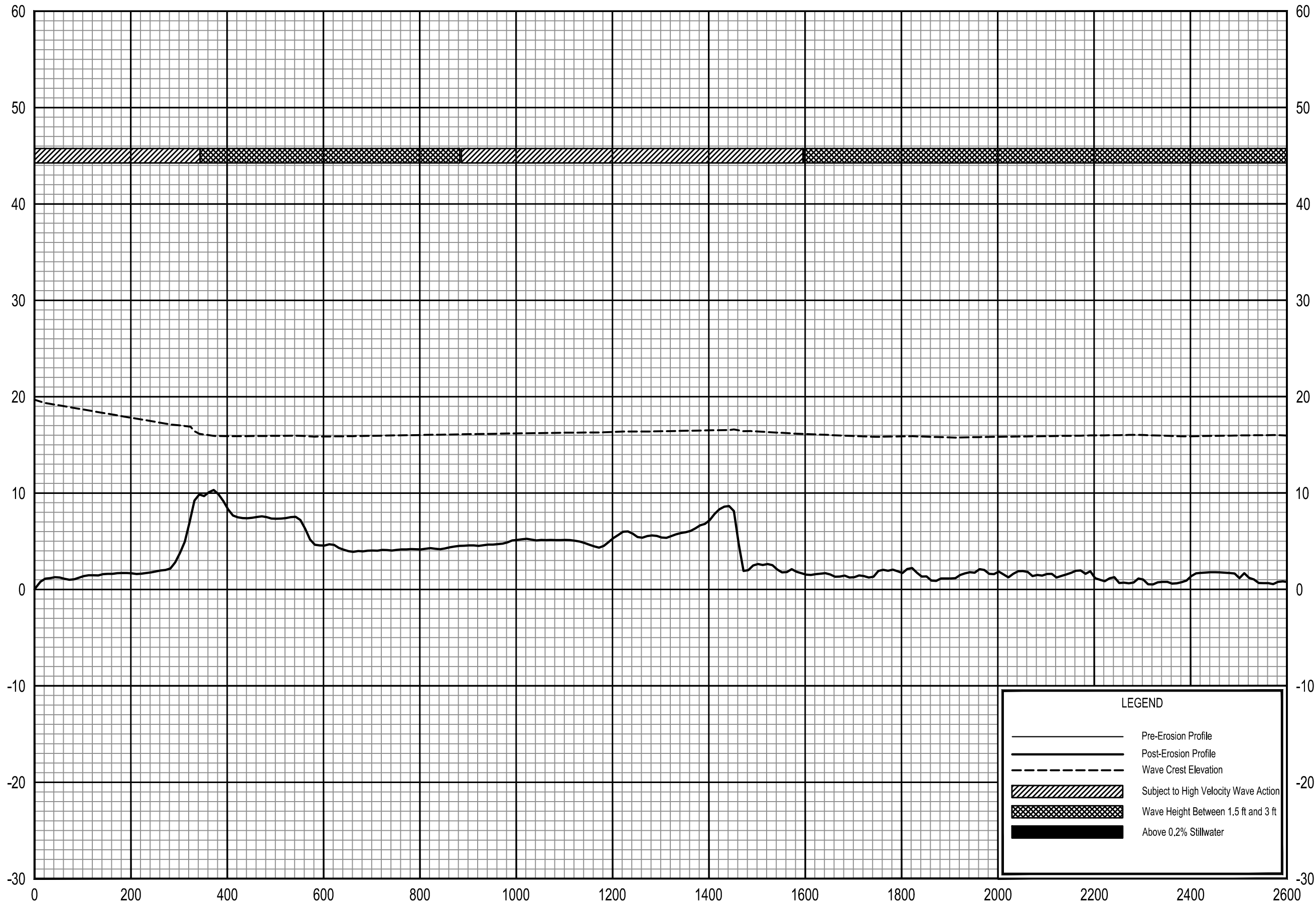
**Volume 15**  
Exhibits

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Transect 377	794-795 T
Transect 378	796-797 T
Transect 379	798-799 T
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Transect 382	804-805 T
Transect 383	806-807 T
Transect 384	808-809 T
Transect 385	810-811 T
Transect 386	812-813 T
Transect 387	814-815 T
Transect 388	816-818 T
Transect 389	818-819 T

**Published Separately**

Flood Insurance Rate Map (FIRM)

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

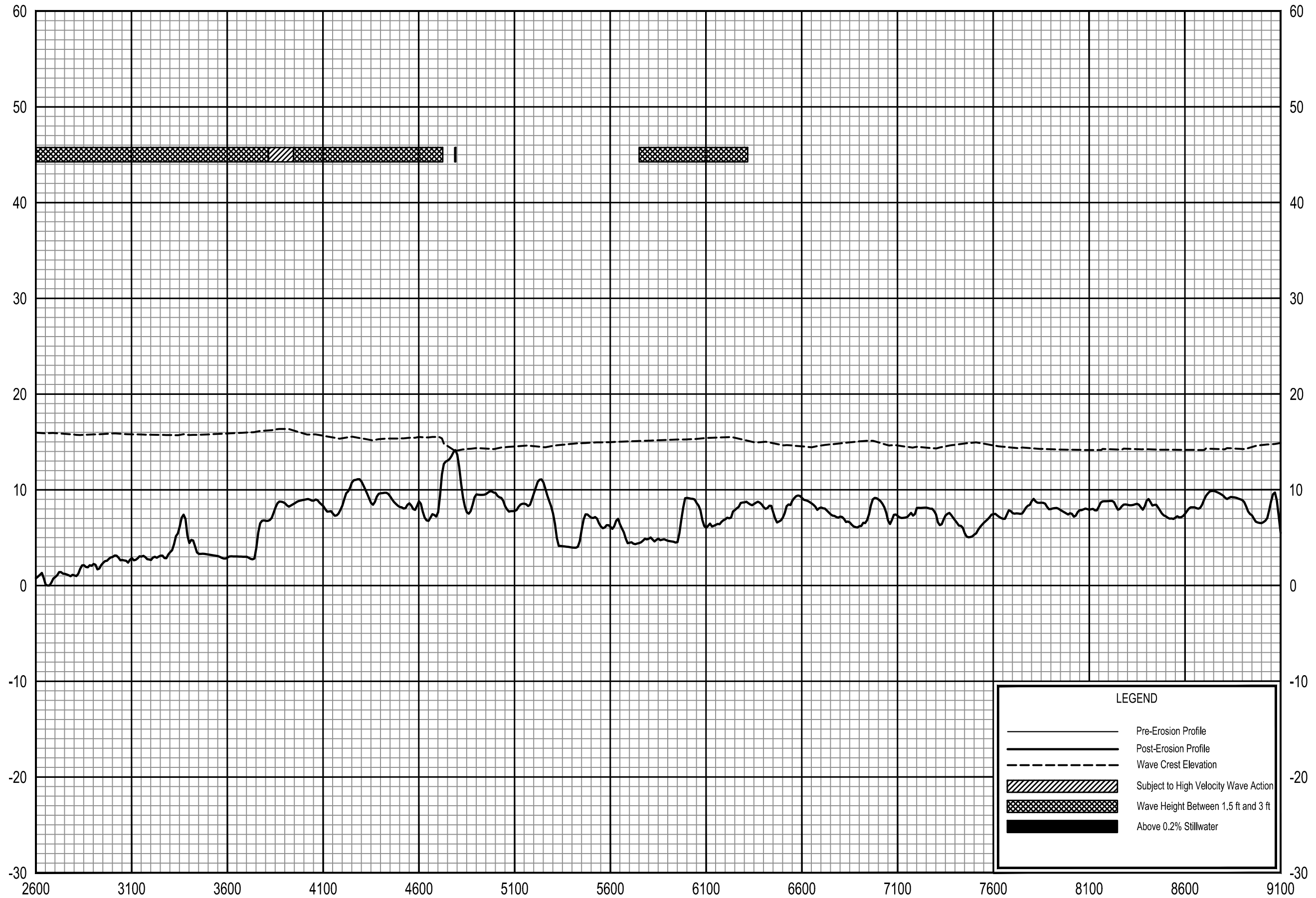
TRANSECT 371

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

782T



ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

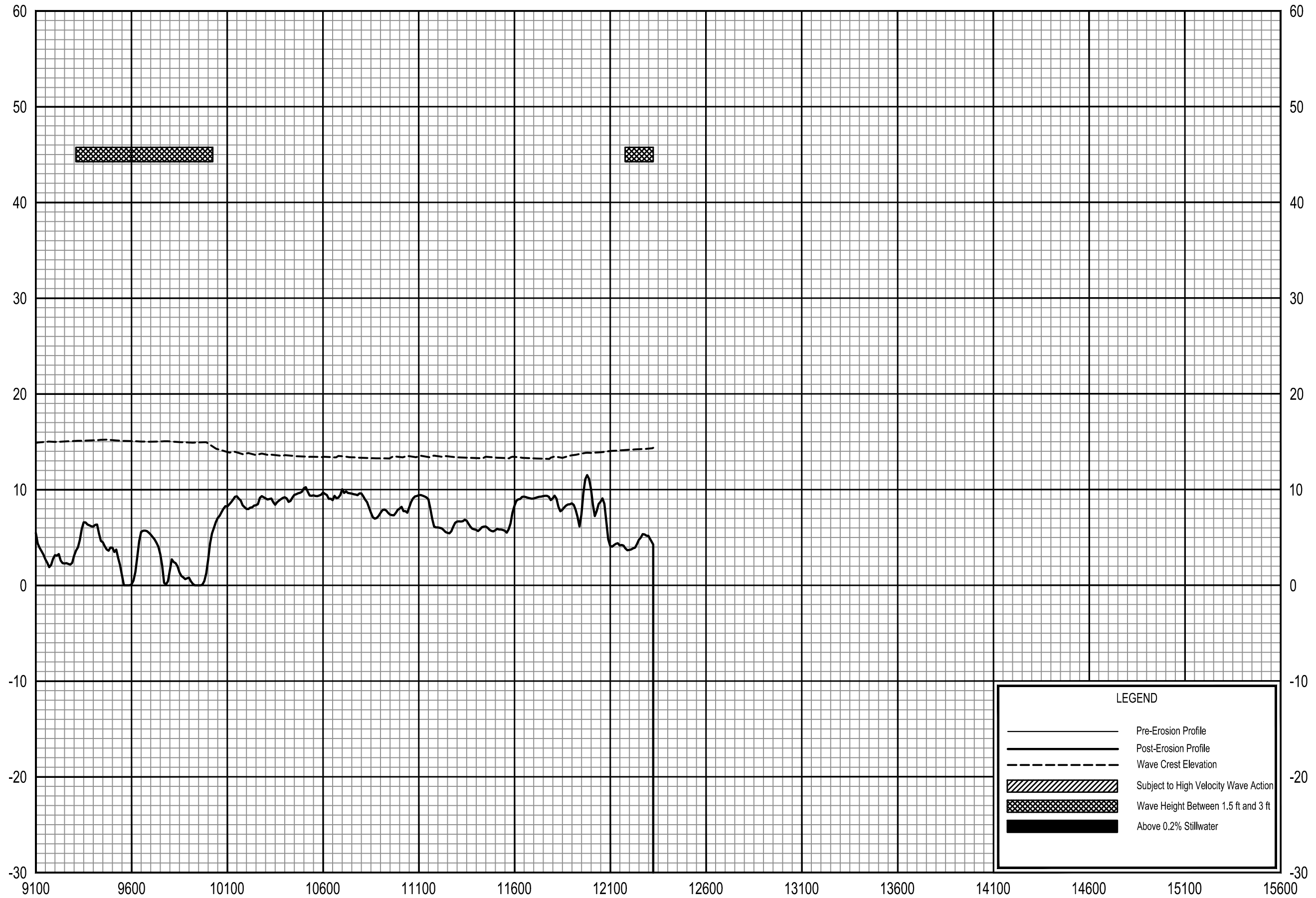
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 371

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

783T

ELEVATION IN FEET (NAVD 88)



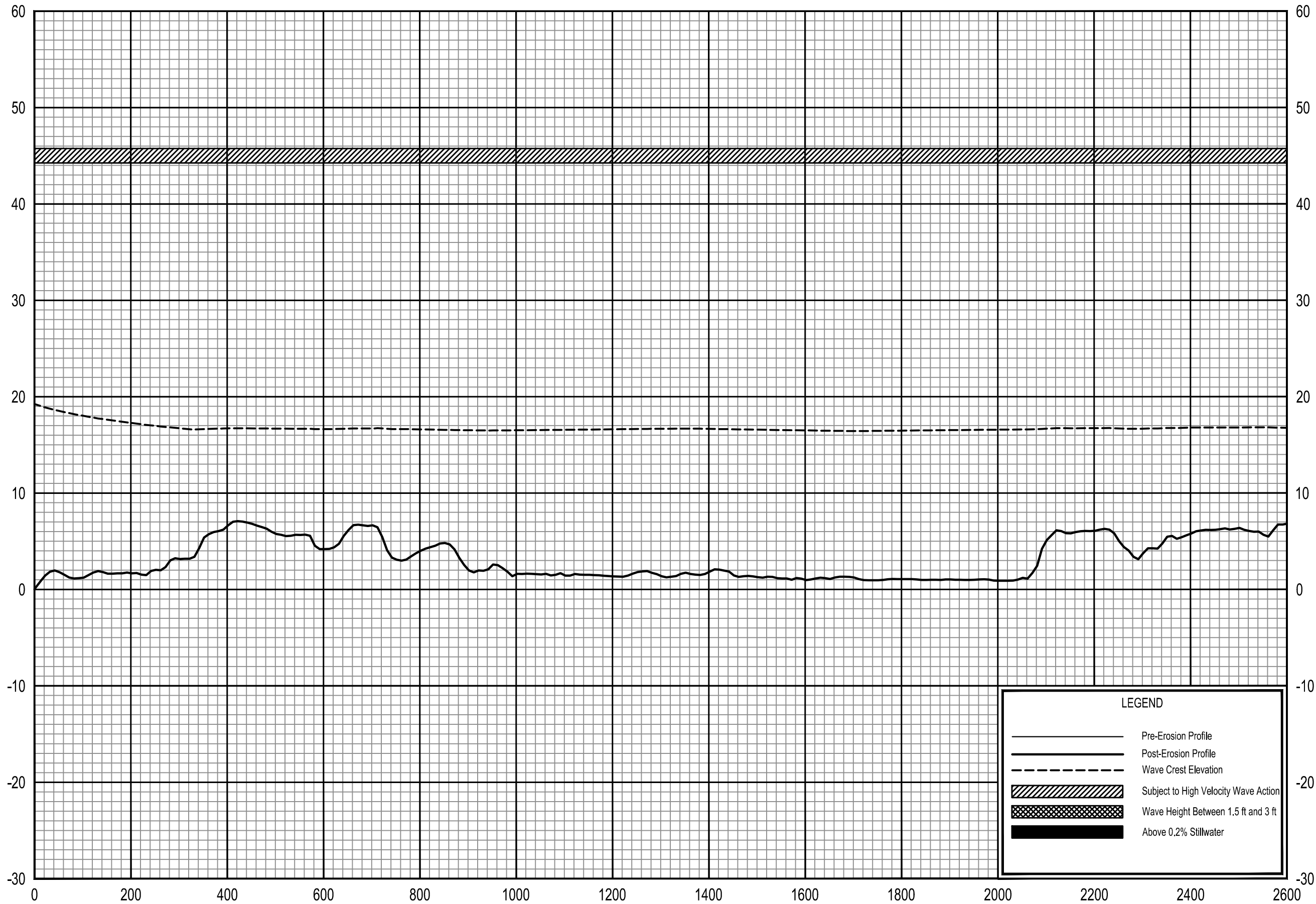
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 371

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

784T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

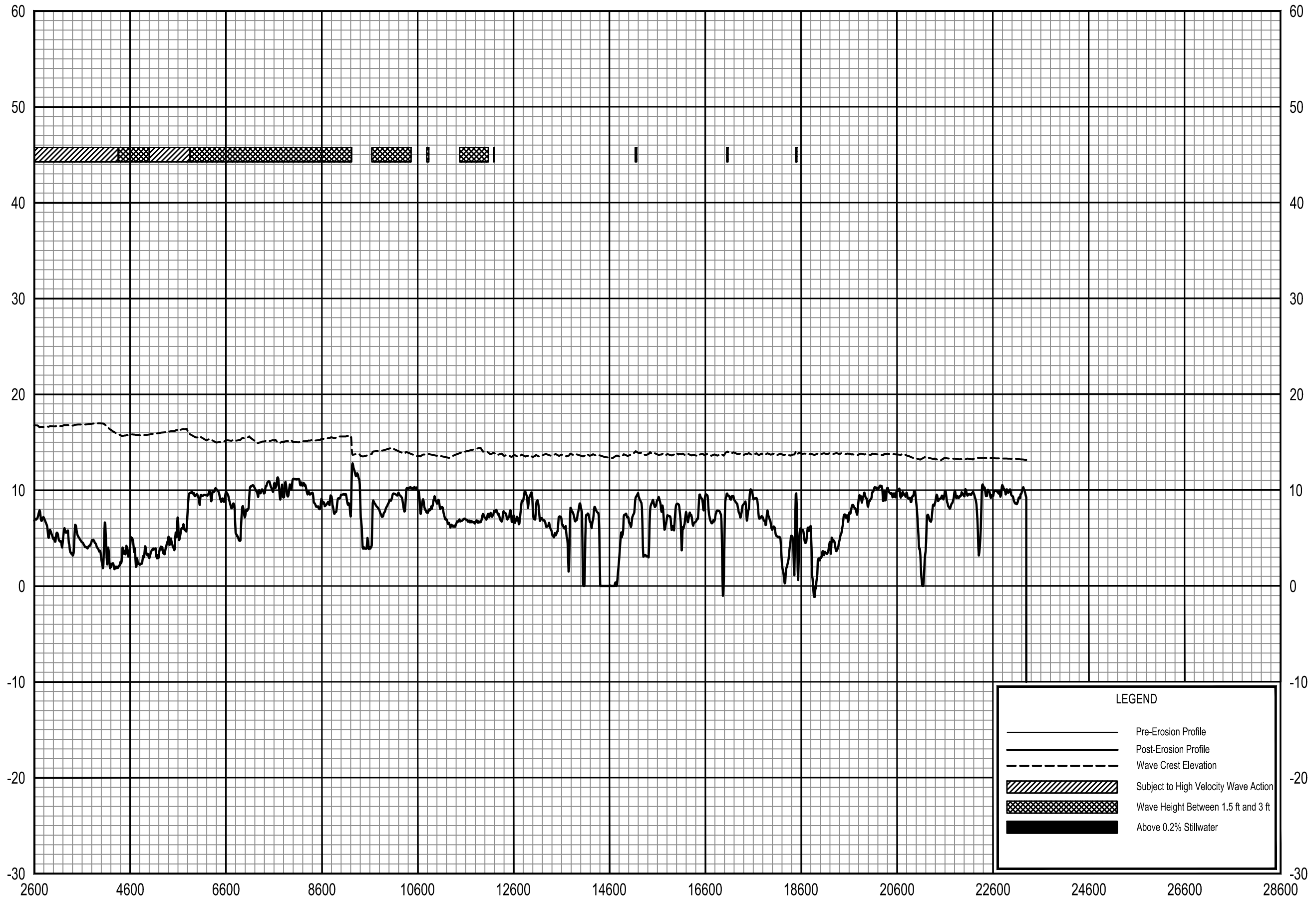
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 372

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

785T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

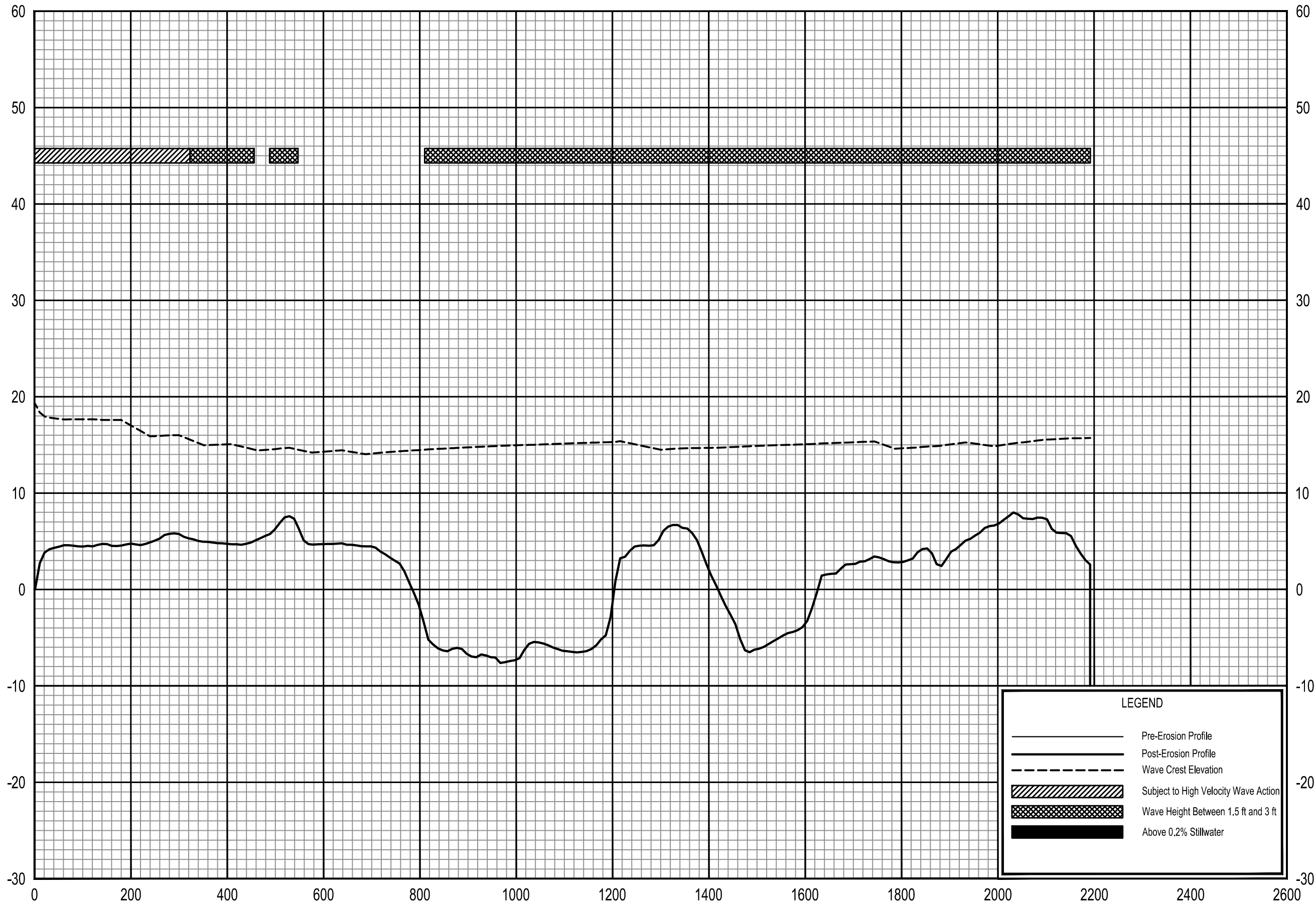
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 372

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

786T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

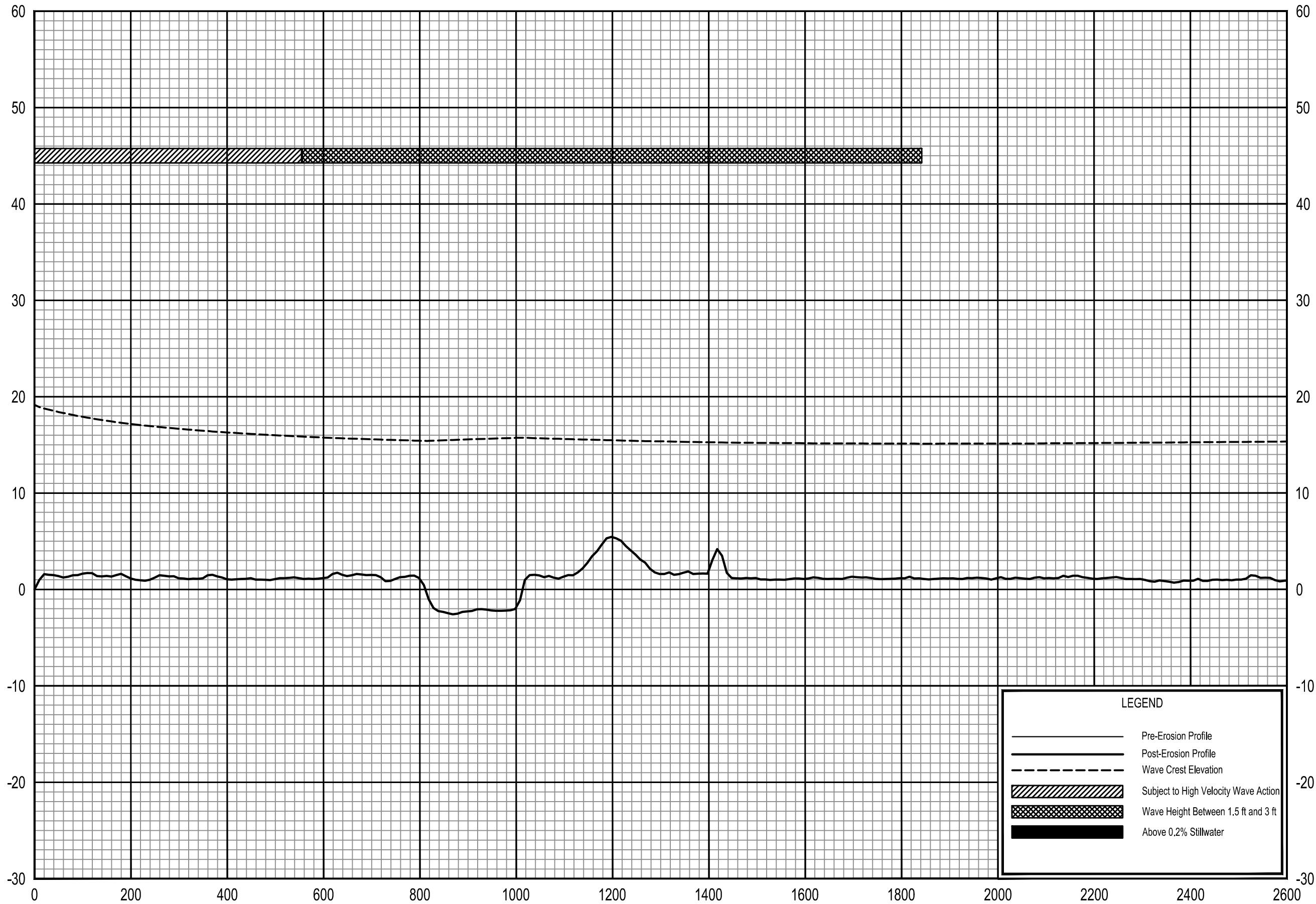
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 373

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

787T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

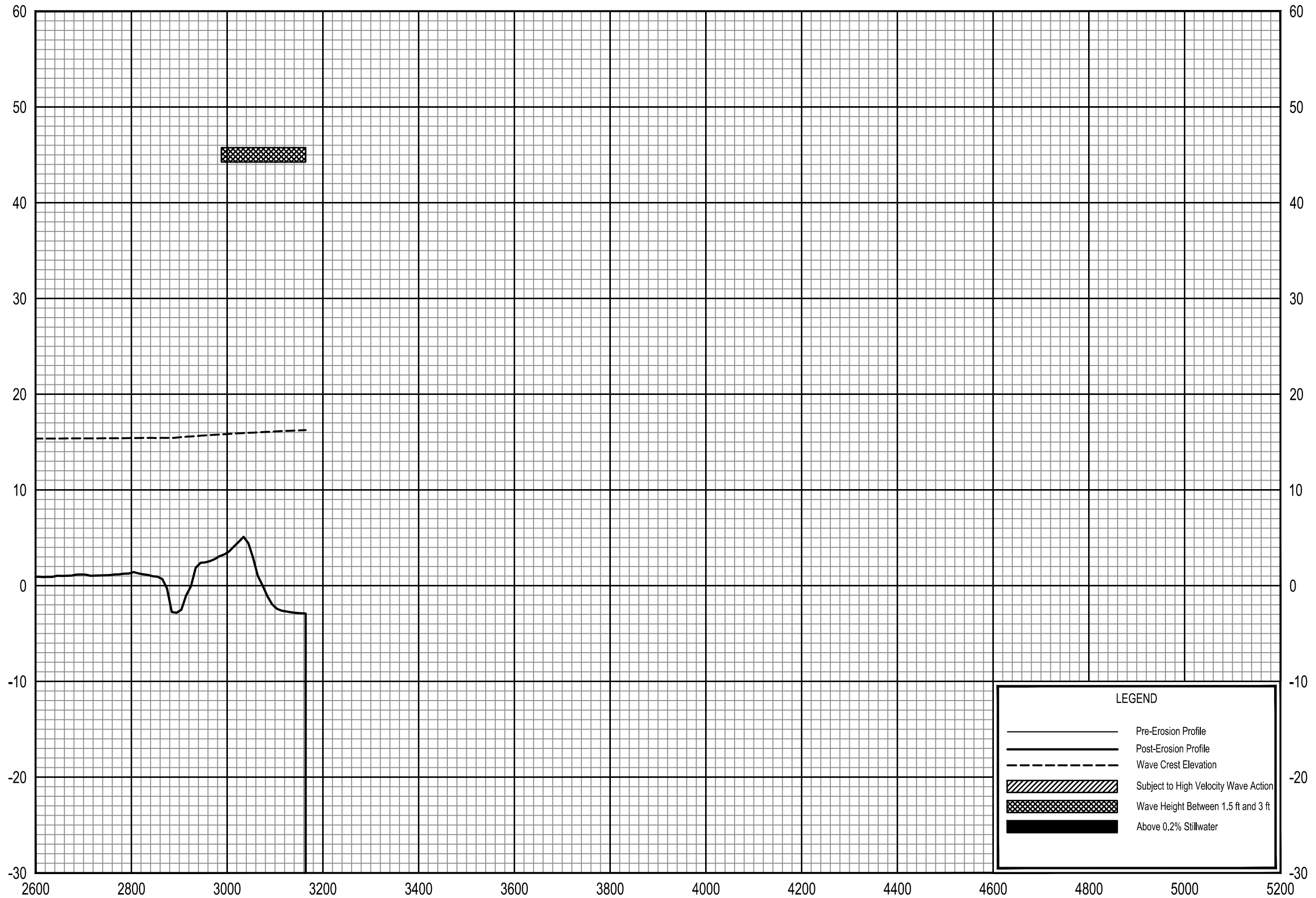
- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 374

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



**LEGEND**

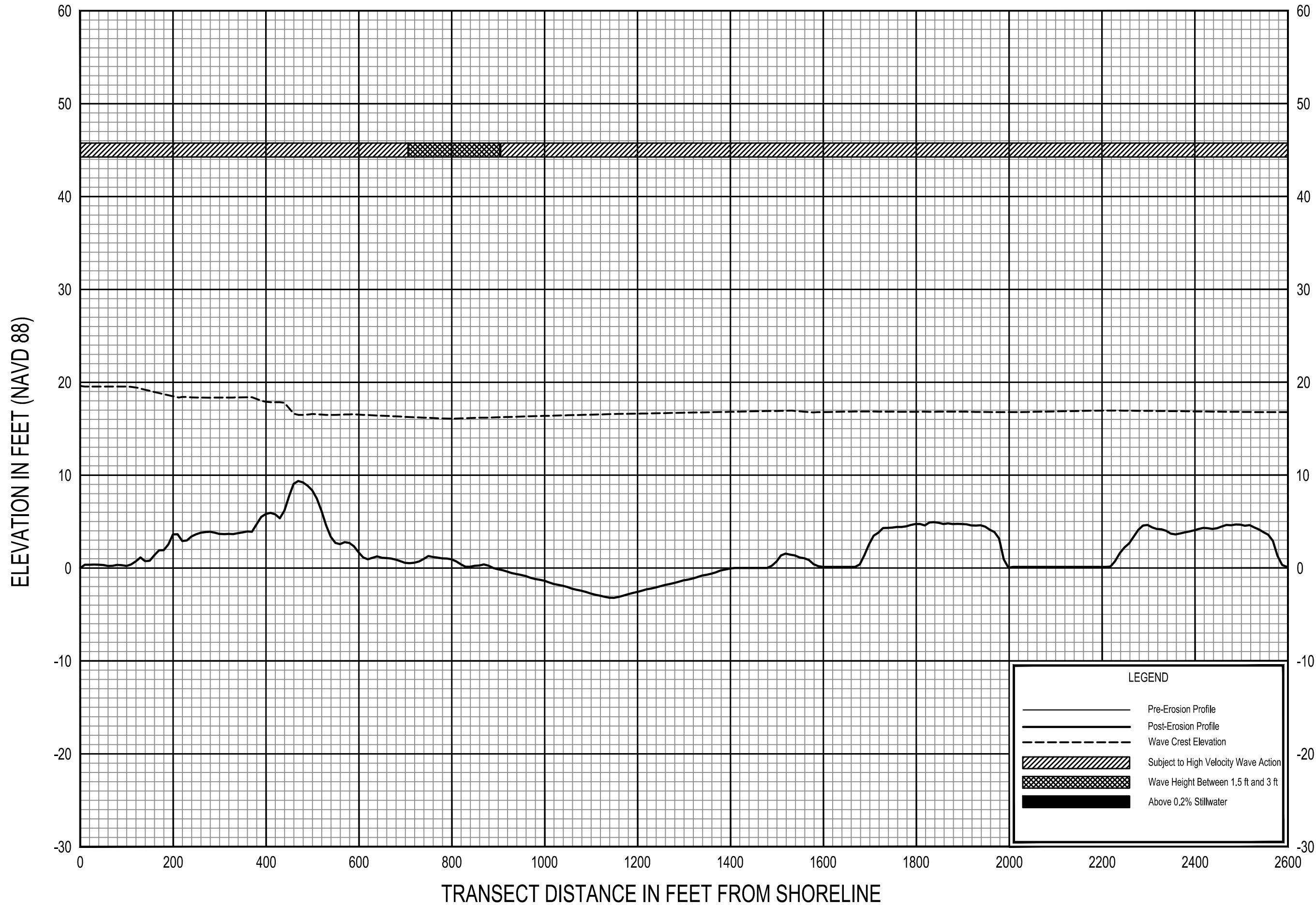
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 374

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

789T



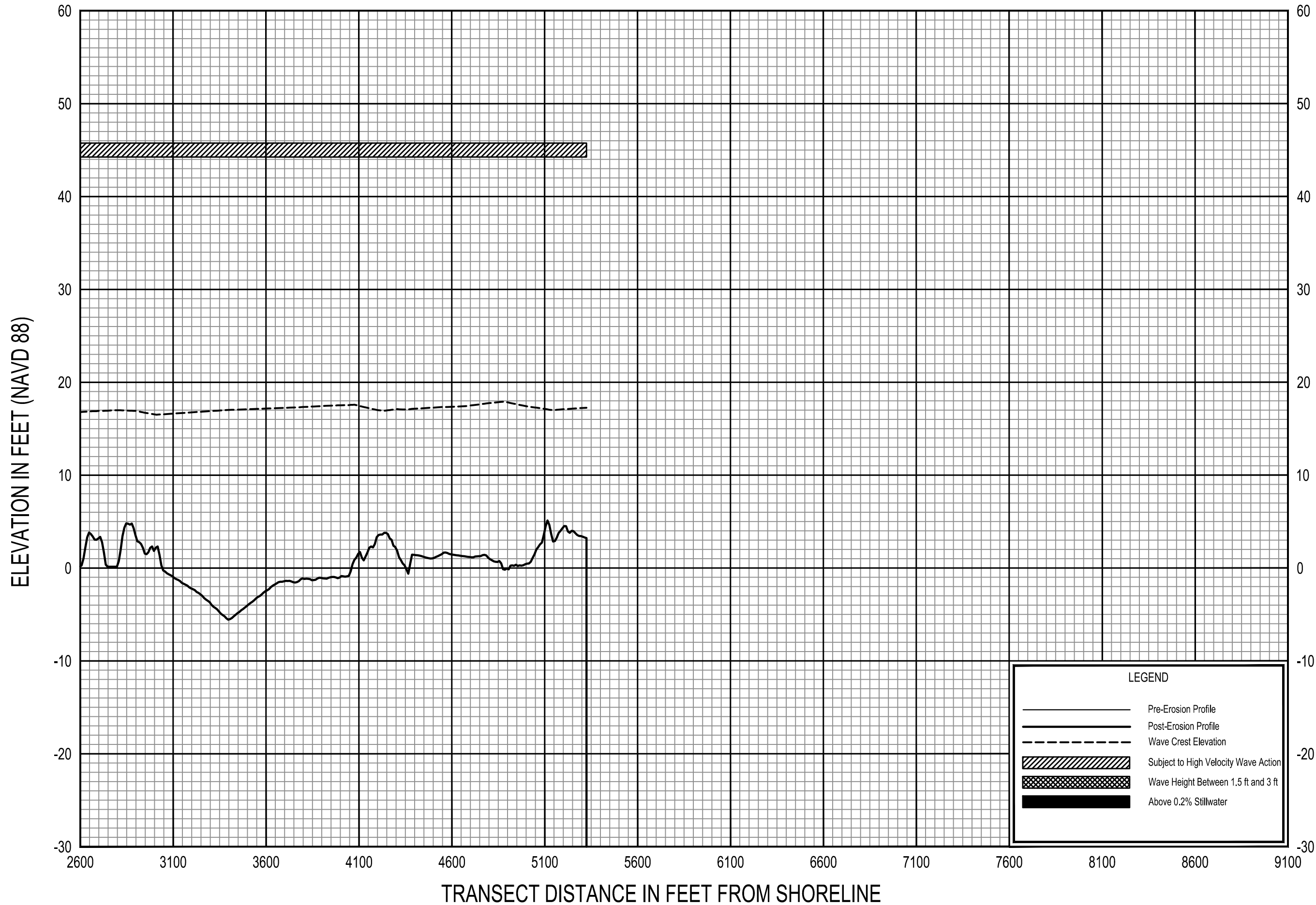
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 375

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

790T





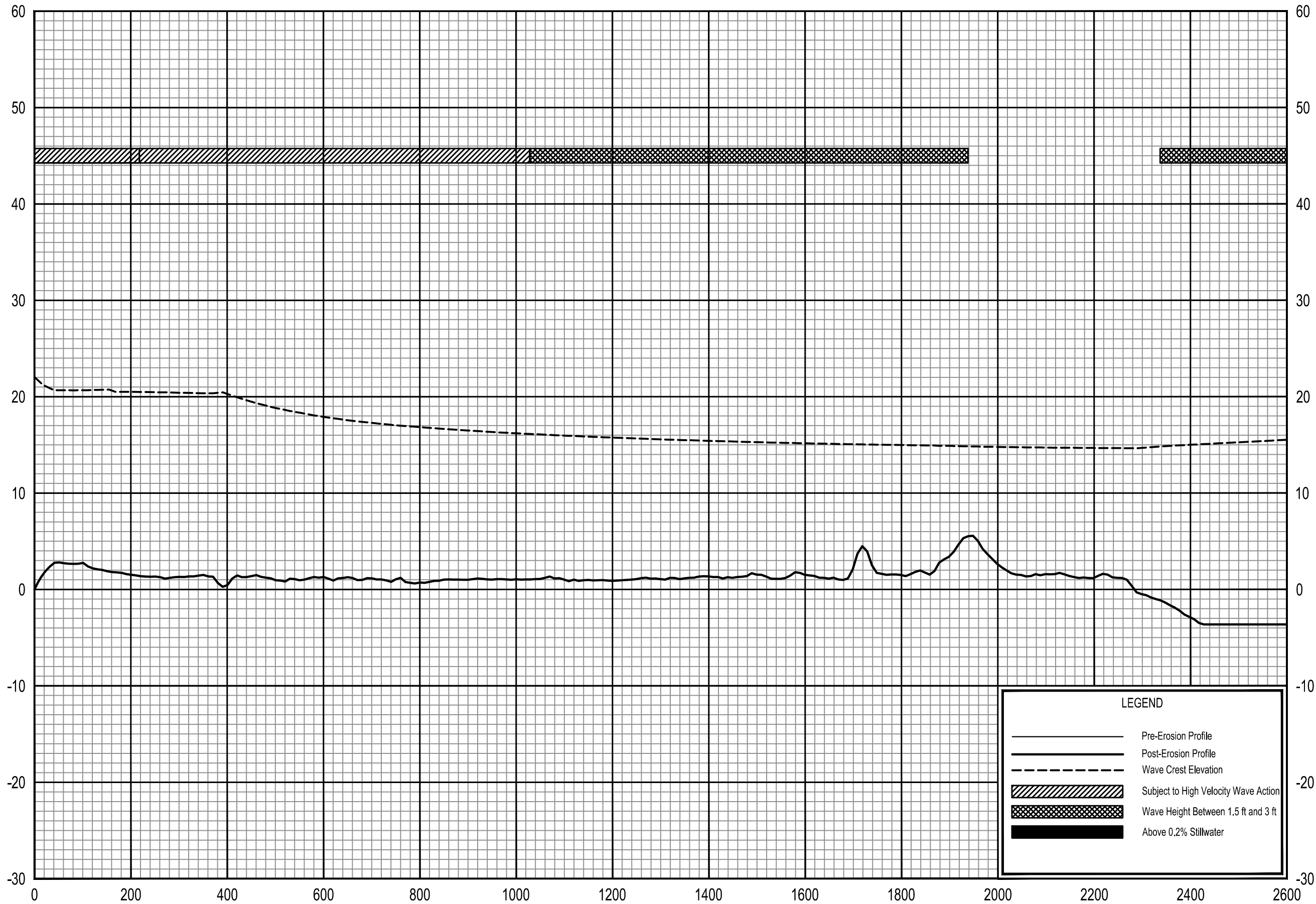
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 375

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 LEE COUNTY, FL  
 AND INCORPORATED AREAS

791T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

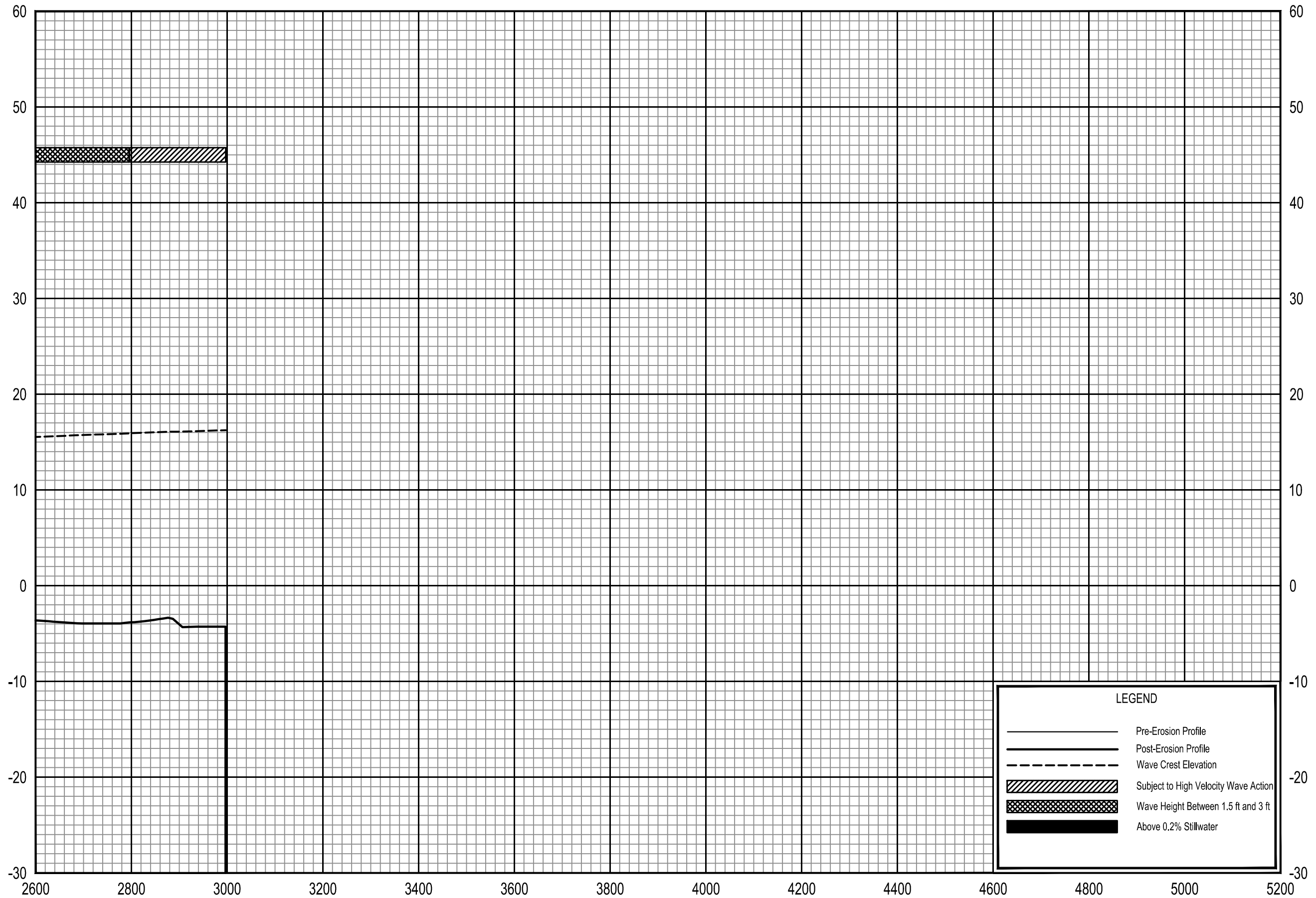
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 376

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

792T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

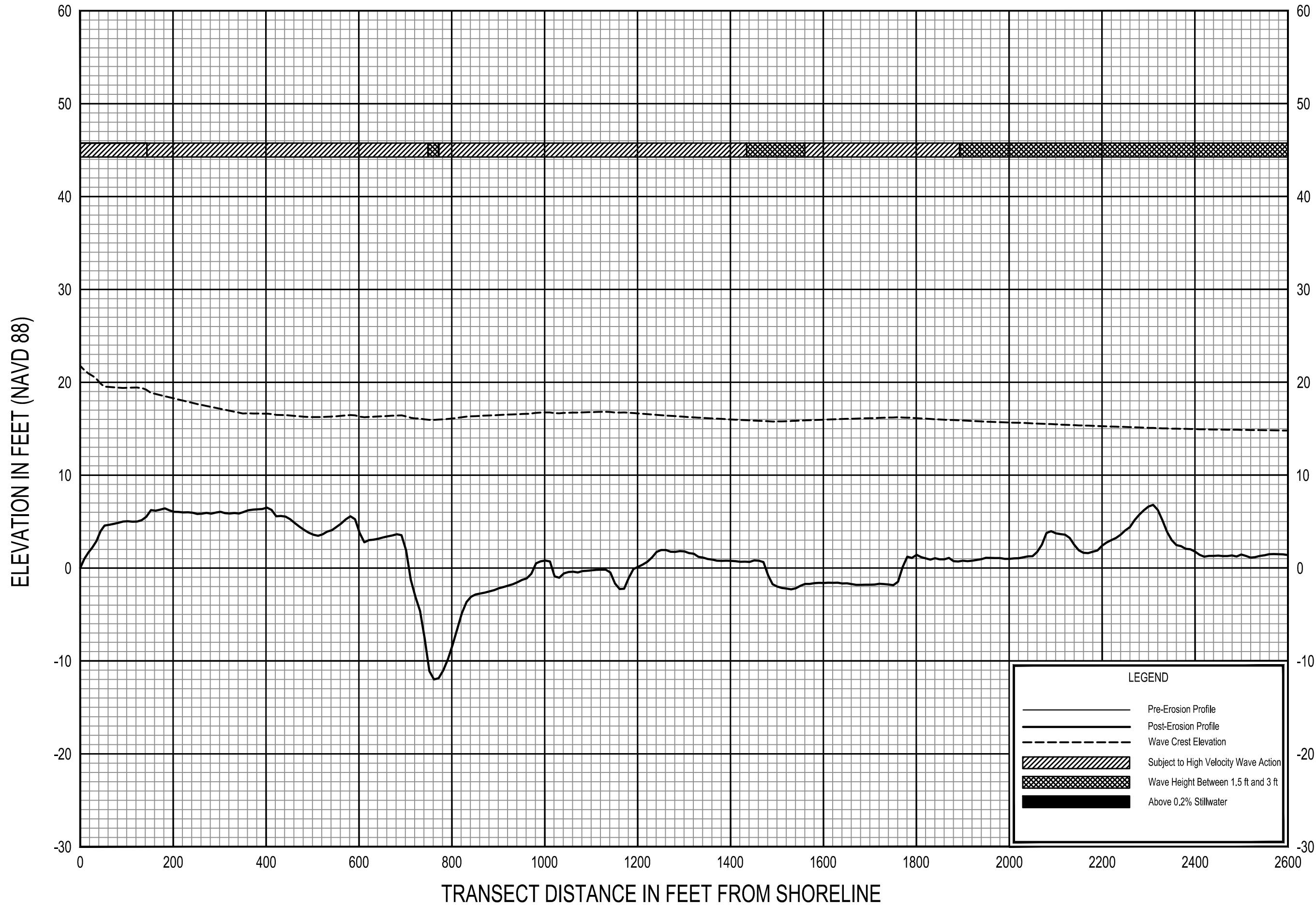
- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 376

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

793T



**LEGEND**

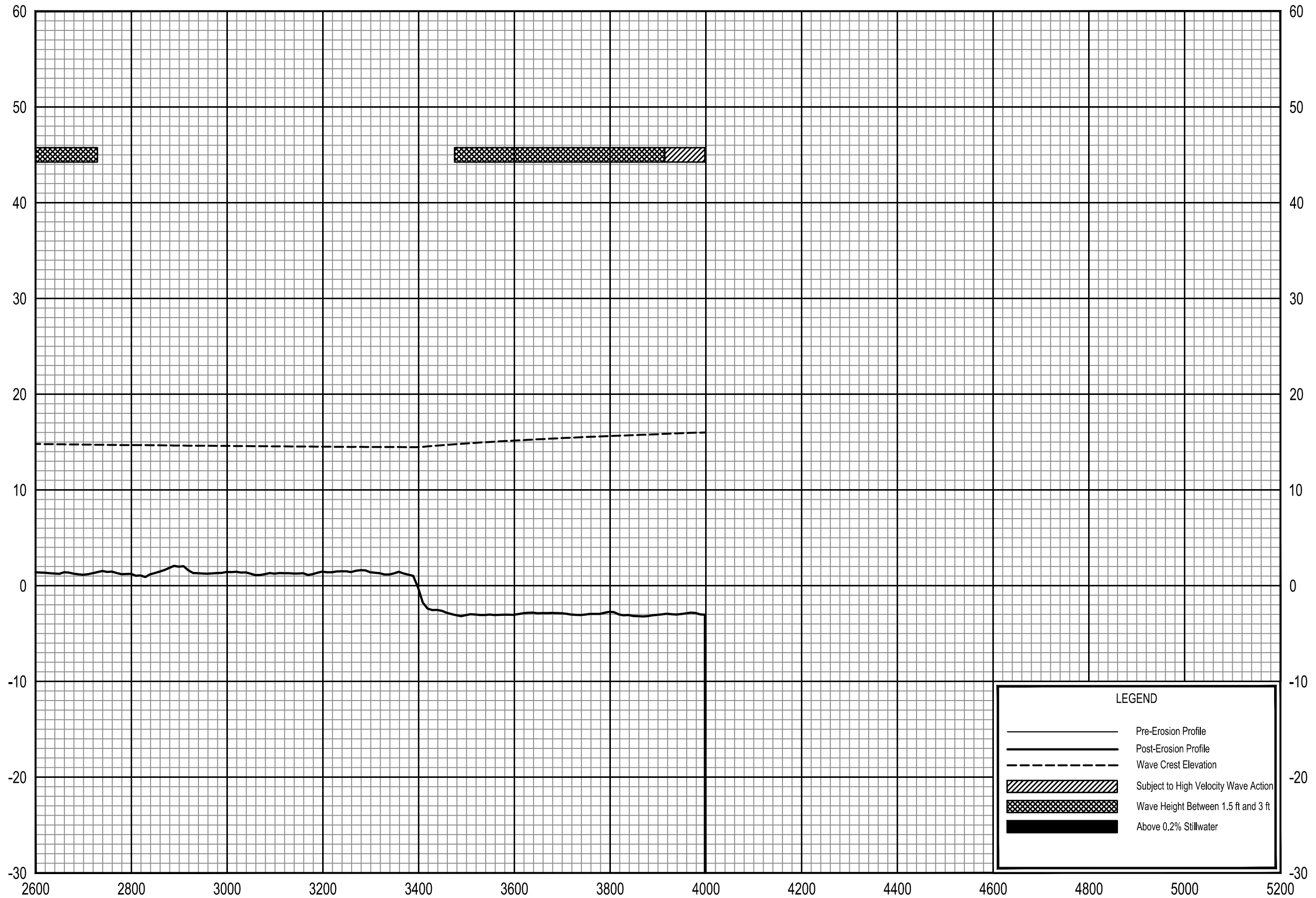
- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 377

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 LEE COUNTY, FL  
 AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



**LEGEND**

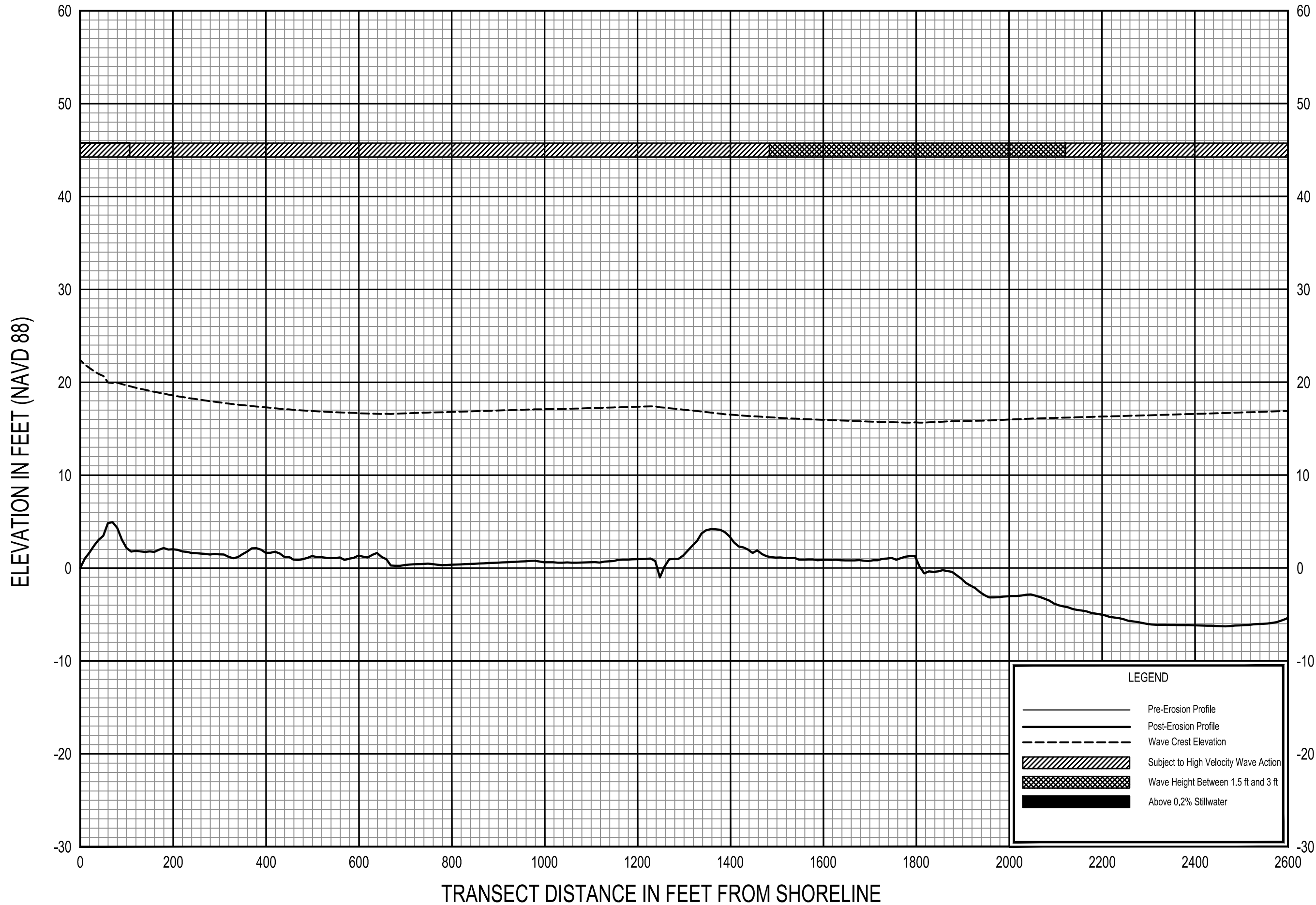
- Pre-Erosion Profile
- - - Post-Erosion Profile
- · · Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 377

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

795T

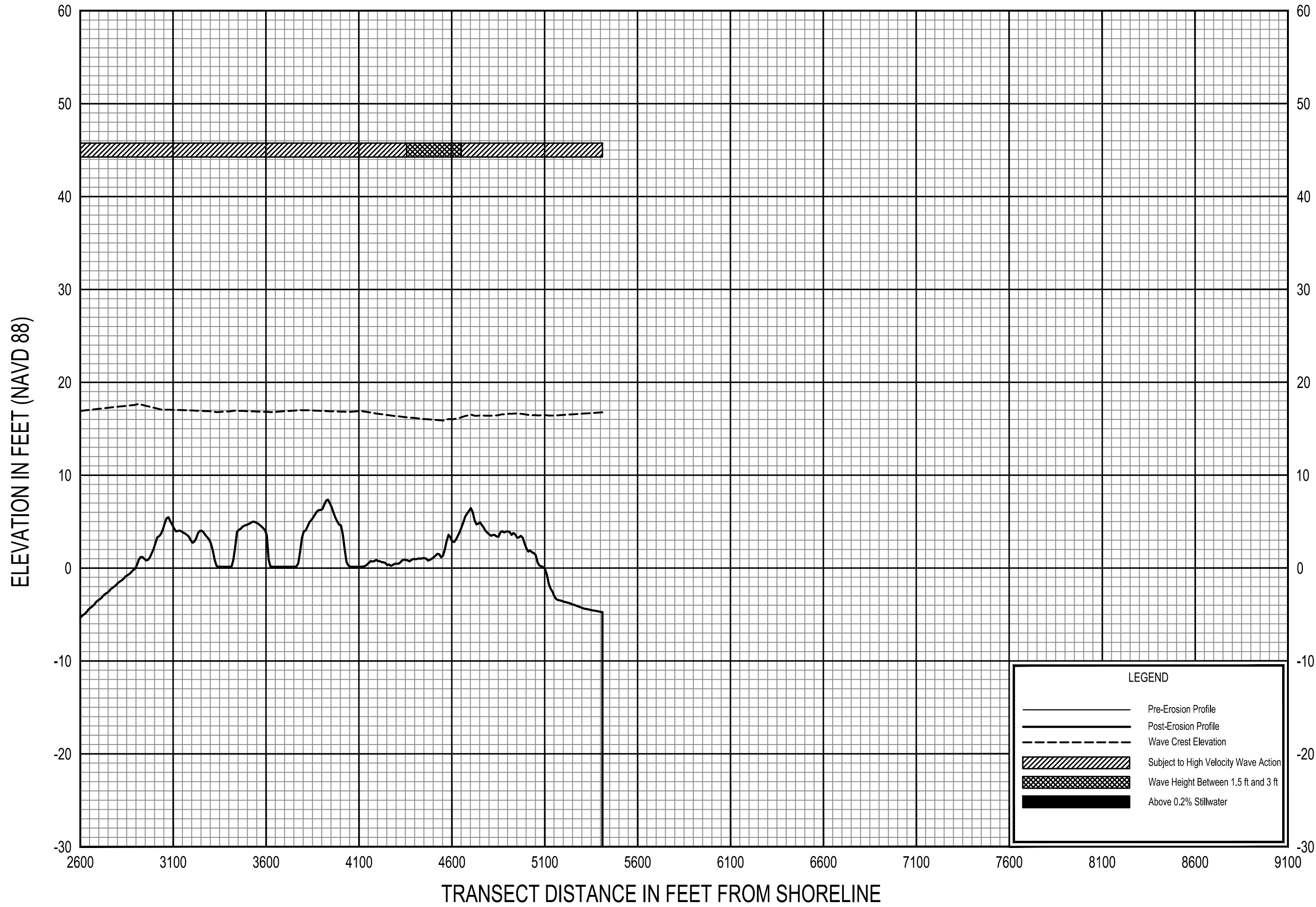


0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 378

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

796T



ELEVATION IN FEET (NAVD 88)

TRANSECT DISTANCE IN FEET FROM SHORELINE

**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

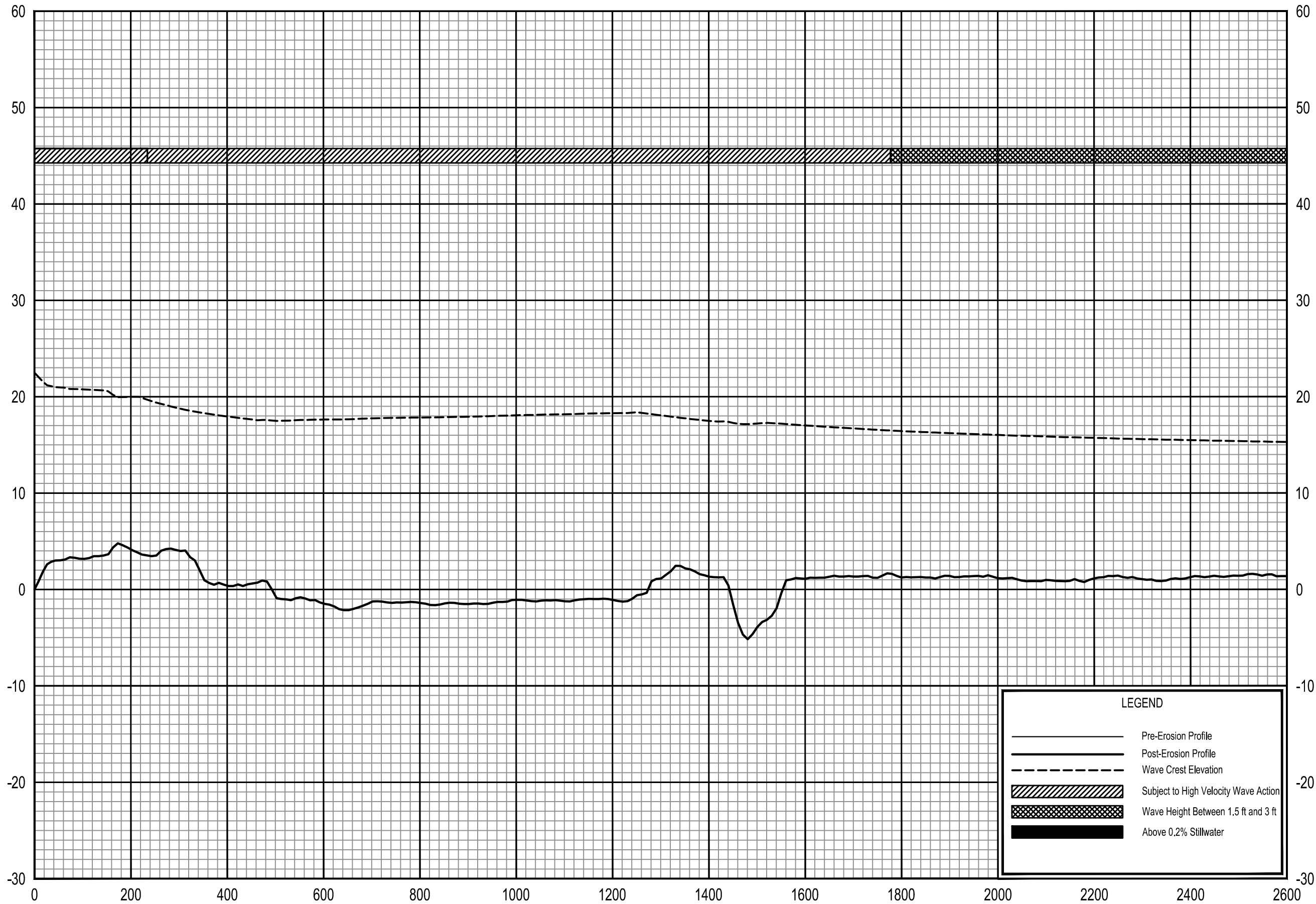
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 378

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 LEE COUNTY, FL  
 AND INCORPORATED AREAS

797T

ELEVATION IN FEET (NAVD 88)



LEGEND

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

0.2% ANNUAL CHANCE WAVE ENVELOPE

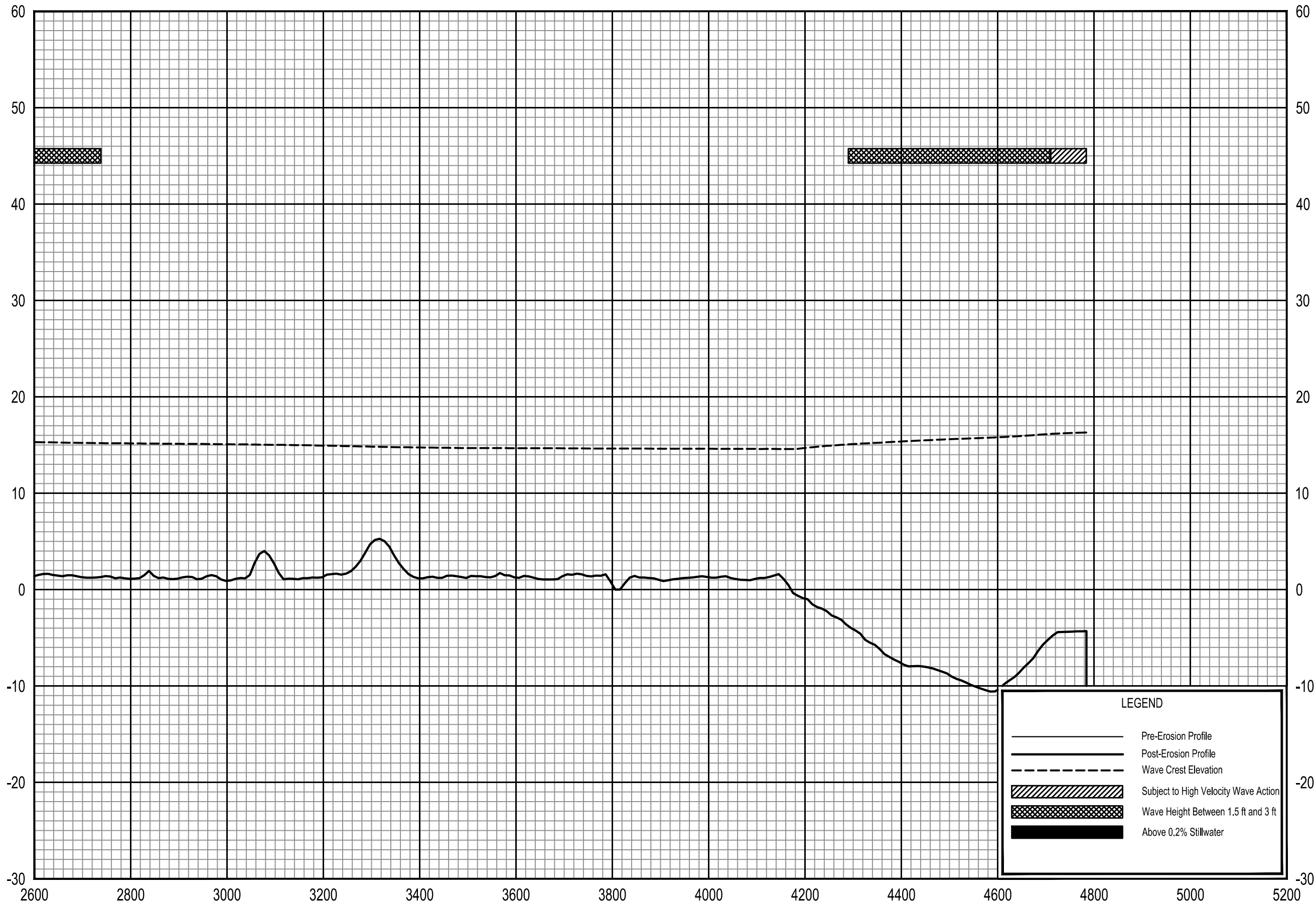
TRANSECT 379

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

798T



ELEVATION IN FEET (NAVD 88)



**LEGEND**

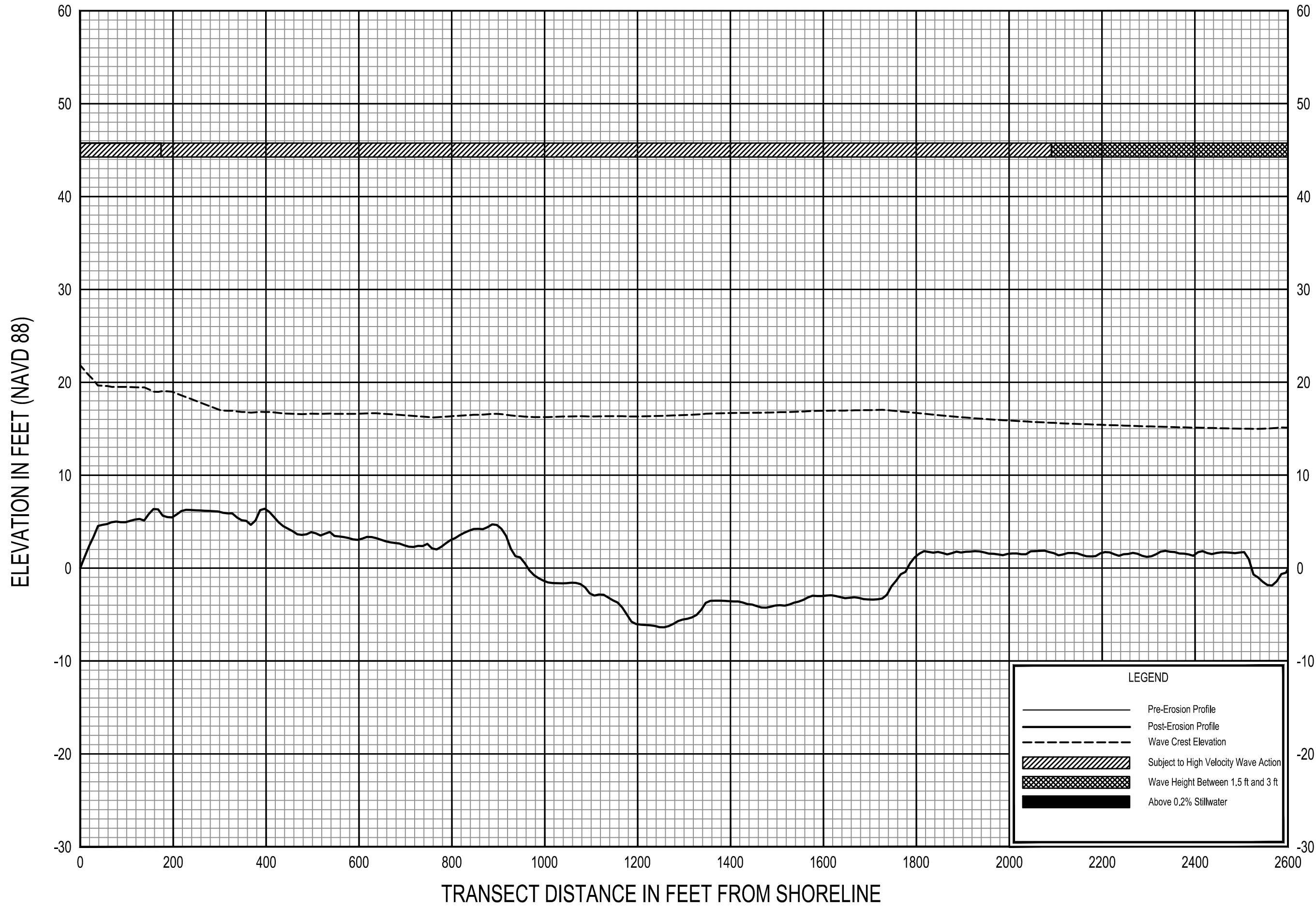
- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 379

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

799T



ELEVATION IN FEET (NAVD 88)

TRANSECT DISTANCE IN FEET FROM SHORELINE

**LEGEND**

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

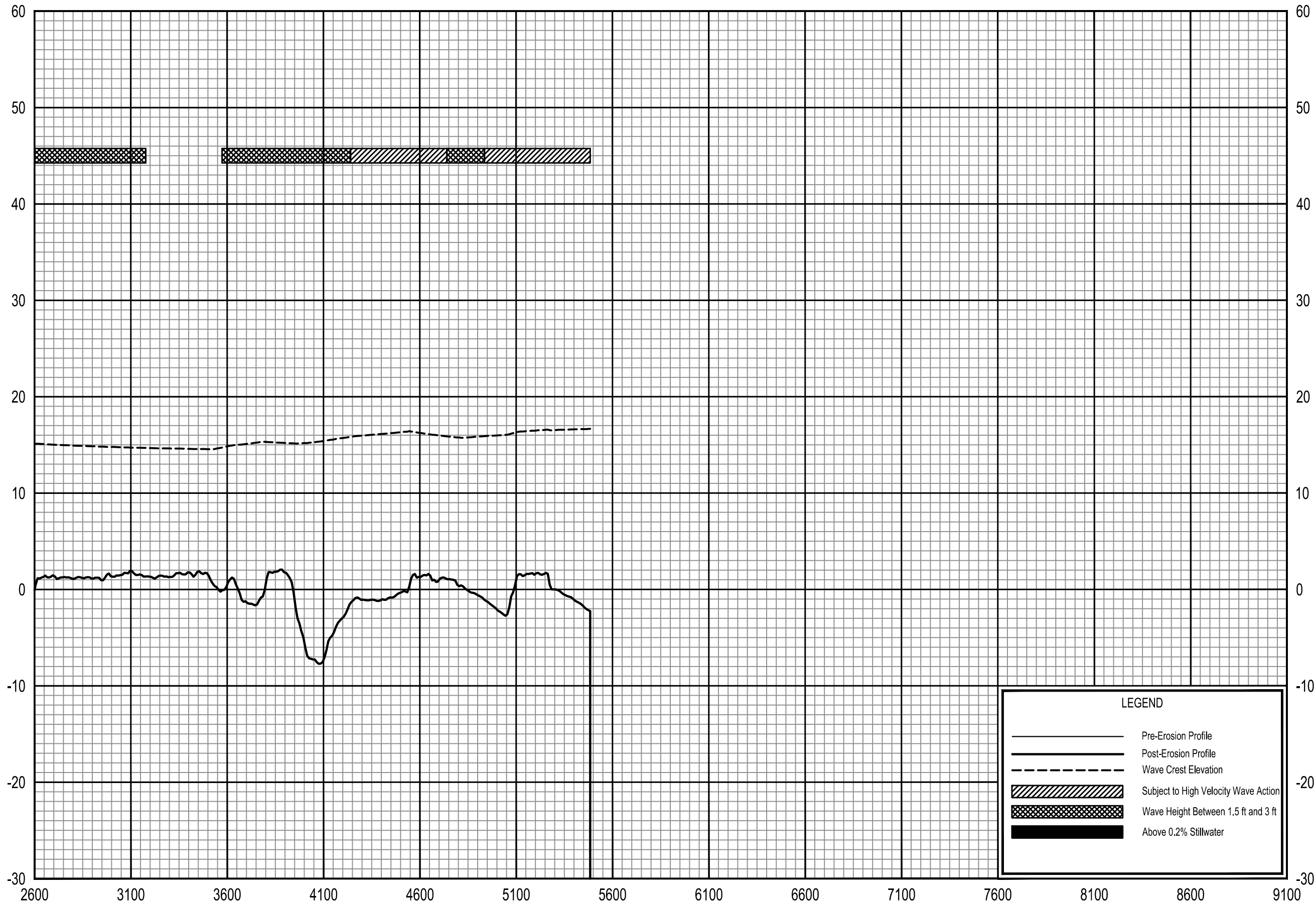
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 380

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

800T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

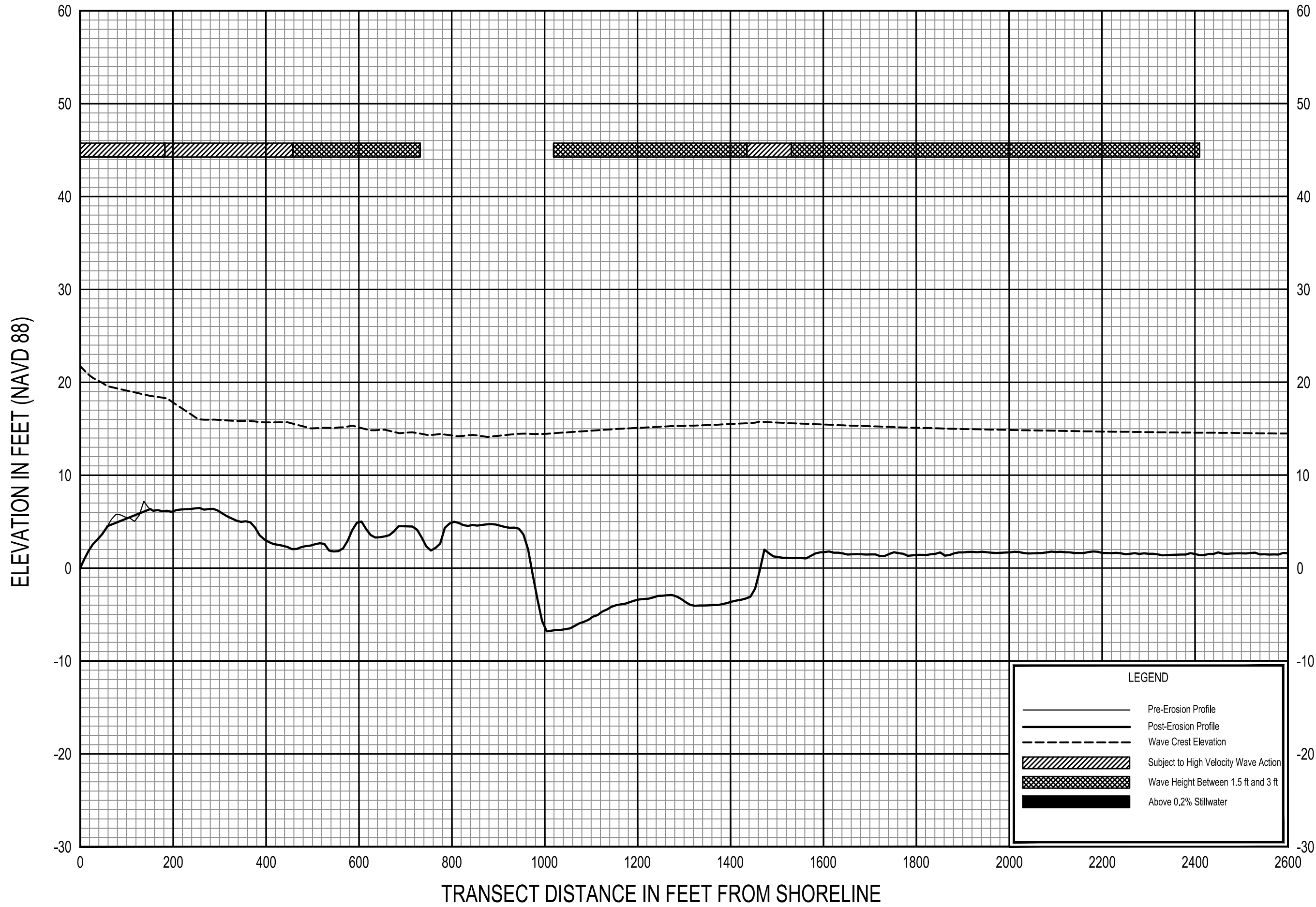
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 380

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

801T



ELEVATION IN FEET (NAVD 88)

TRANSECT DISTANCE IN FEET FROM SHORELINE

**LEGEND**

- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

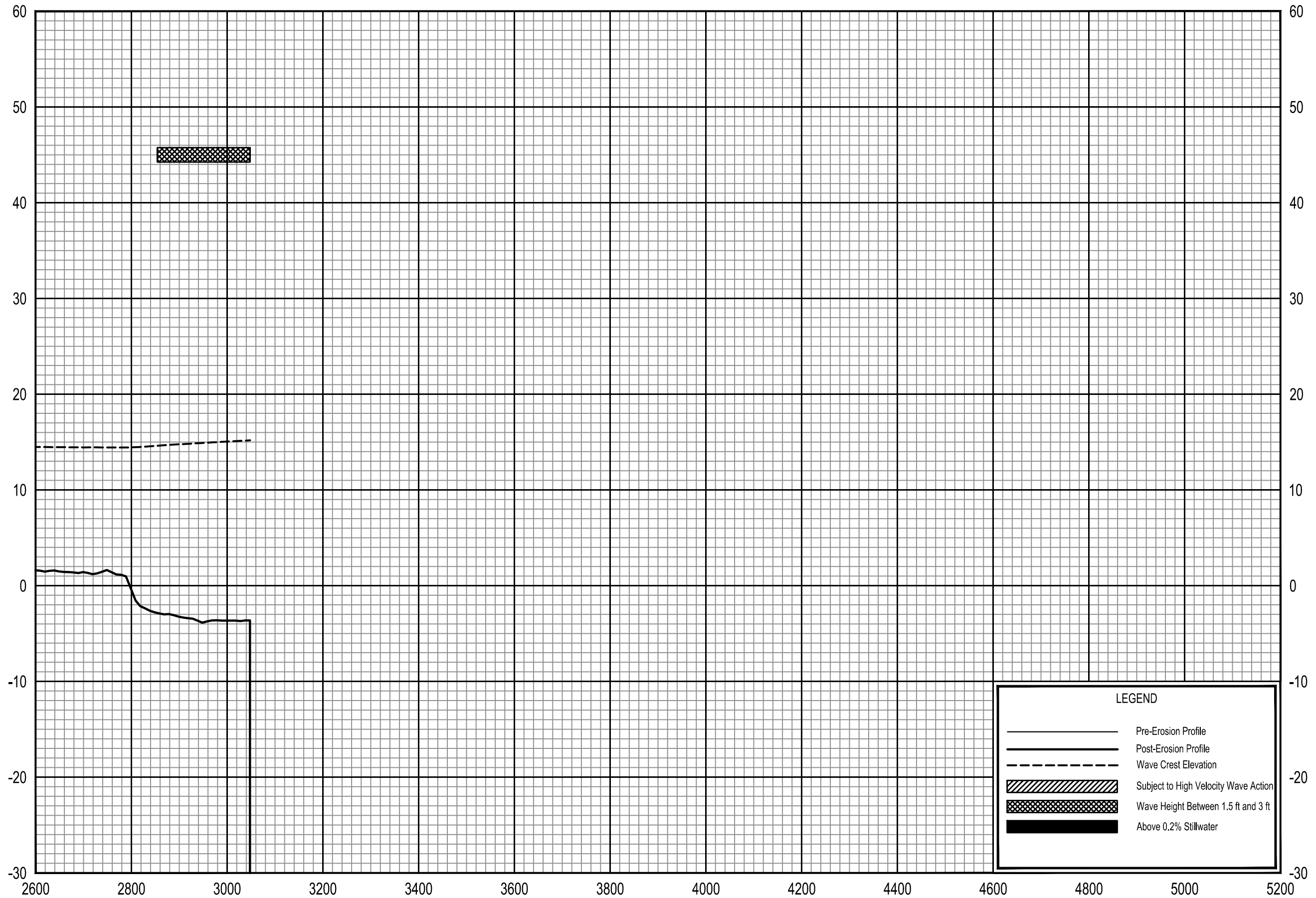
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 381

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

802T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

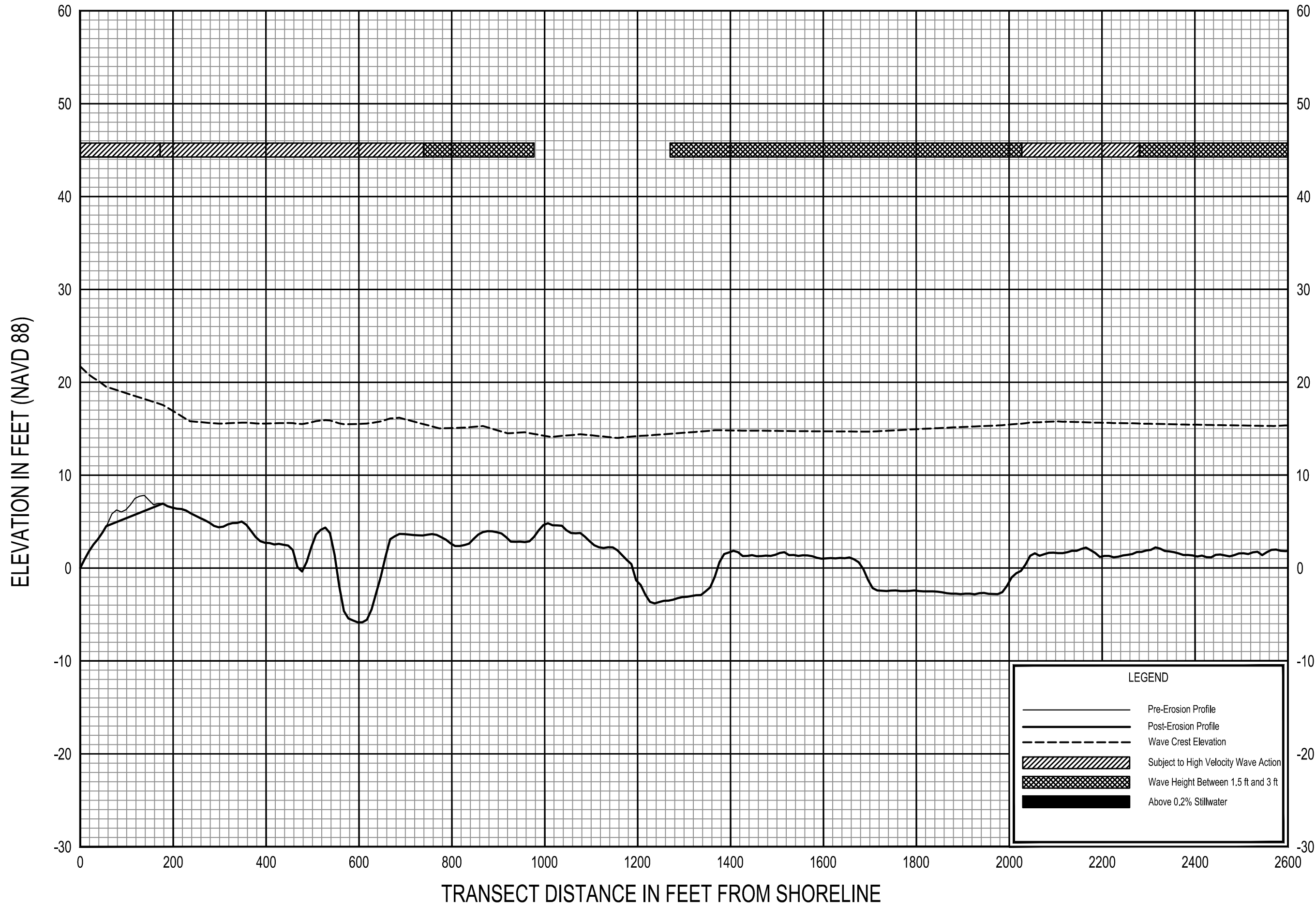
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 381

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

803T



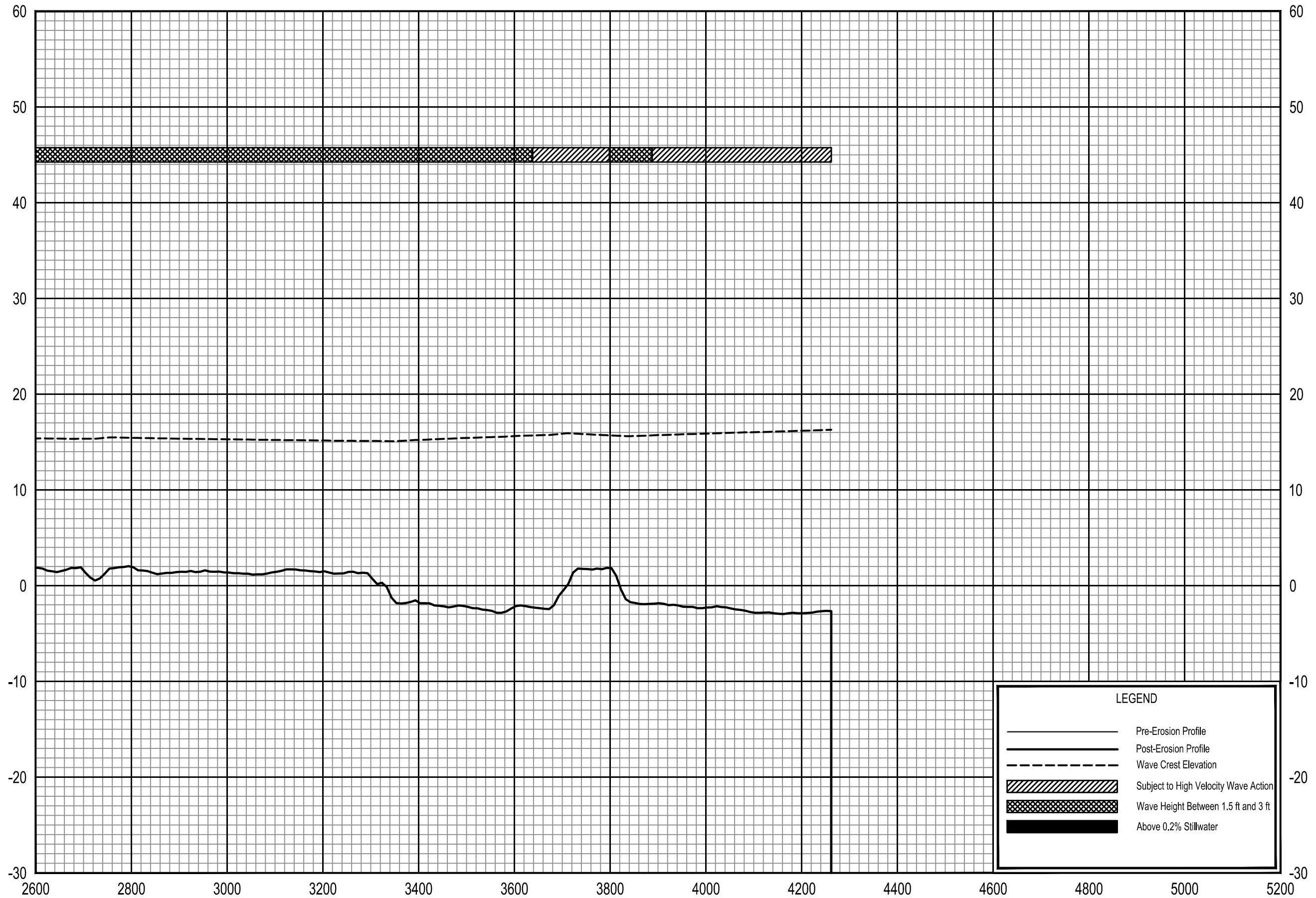
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 382

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

804T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

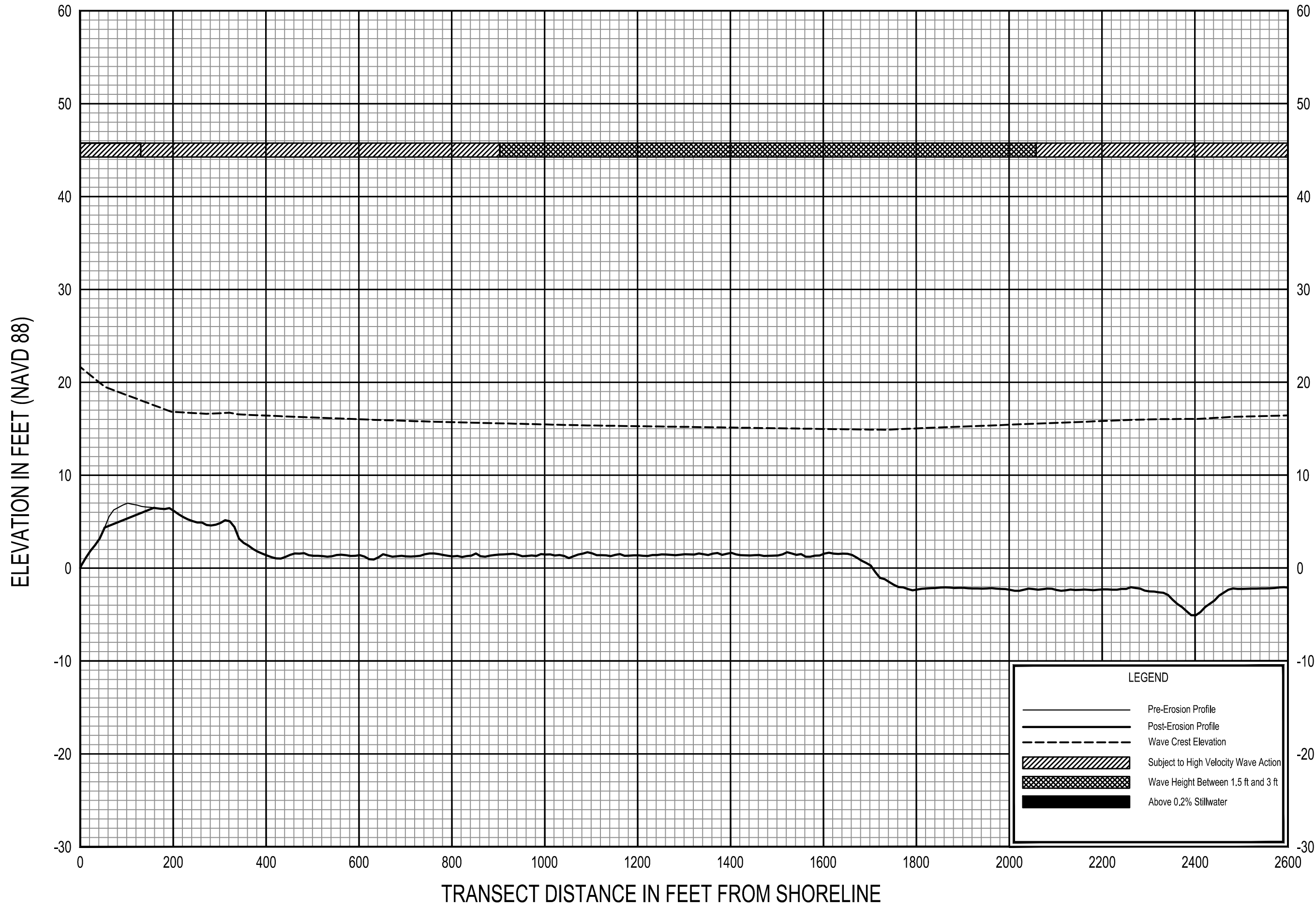
- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 382

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

805T



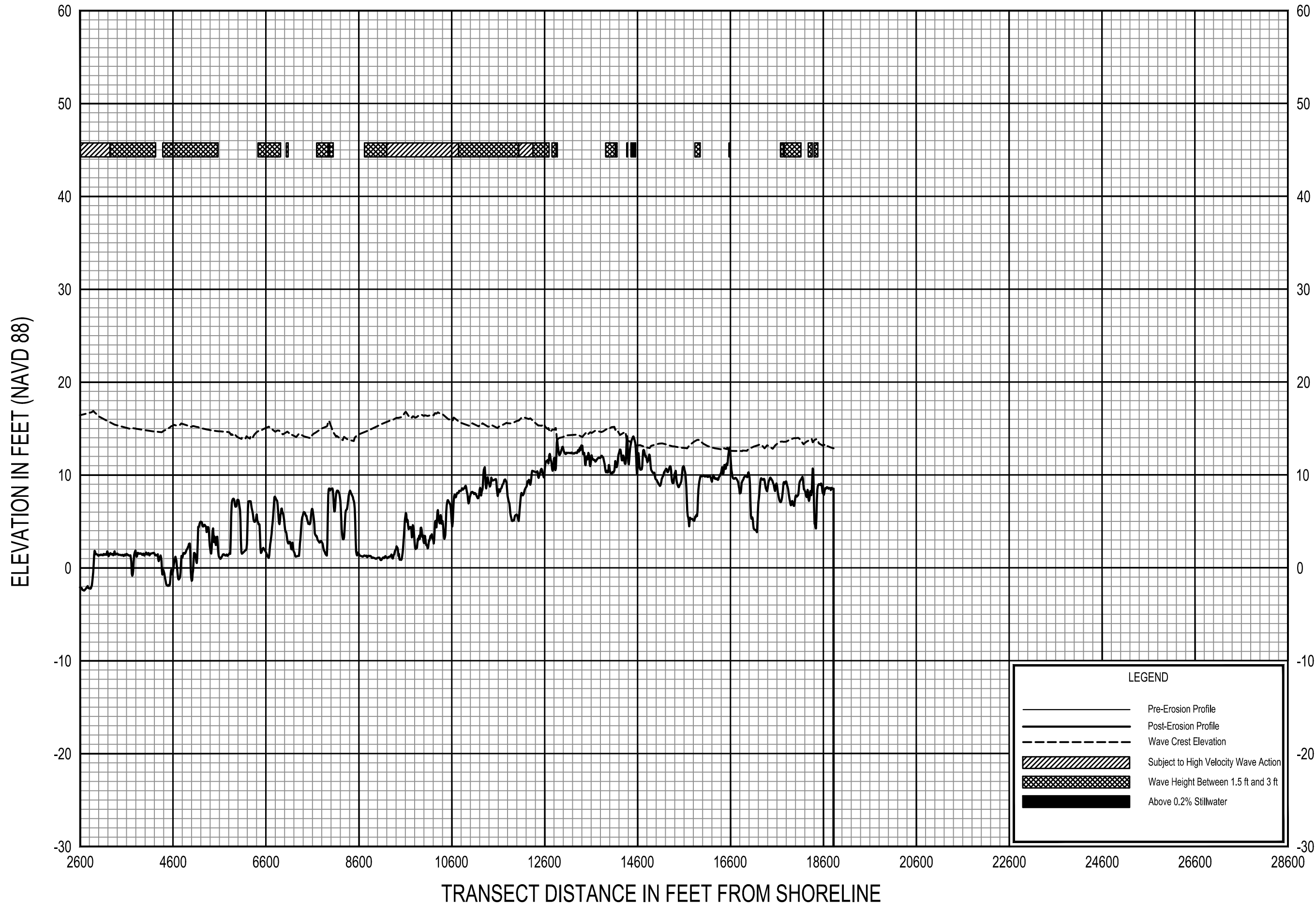
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 383

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

806T





ELEVATION IN FEET (NAVD 88)

TRANSECT DISTANCE IN FEET FROM SHORELINE

**LEGEND**

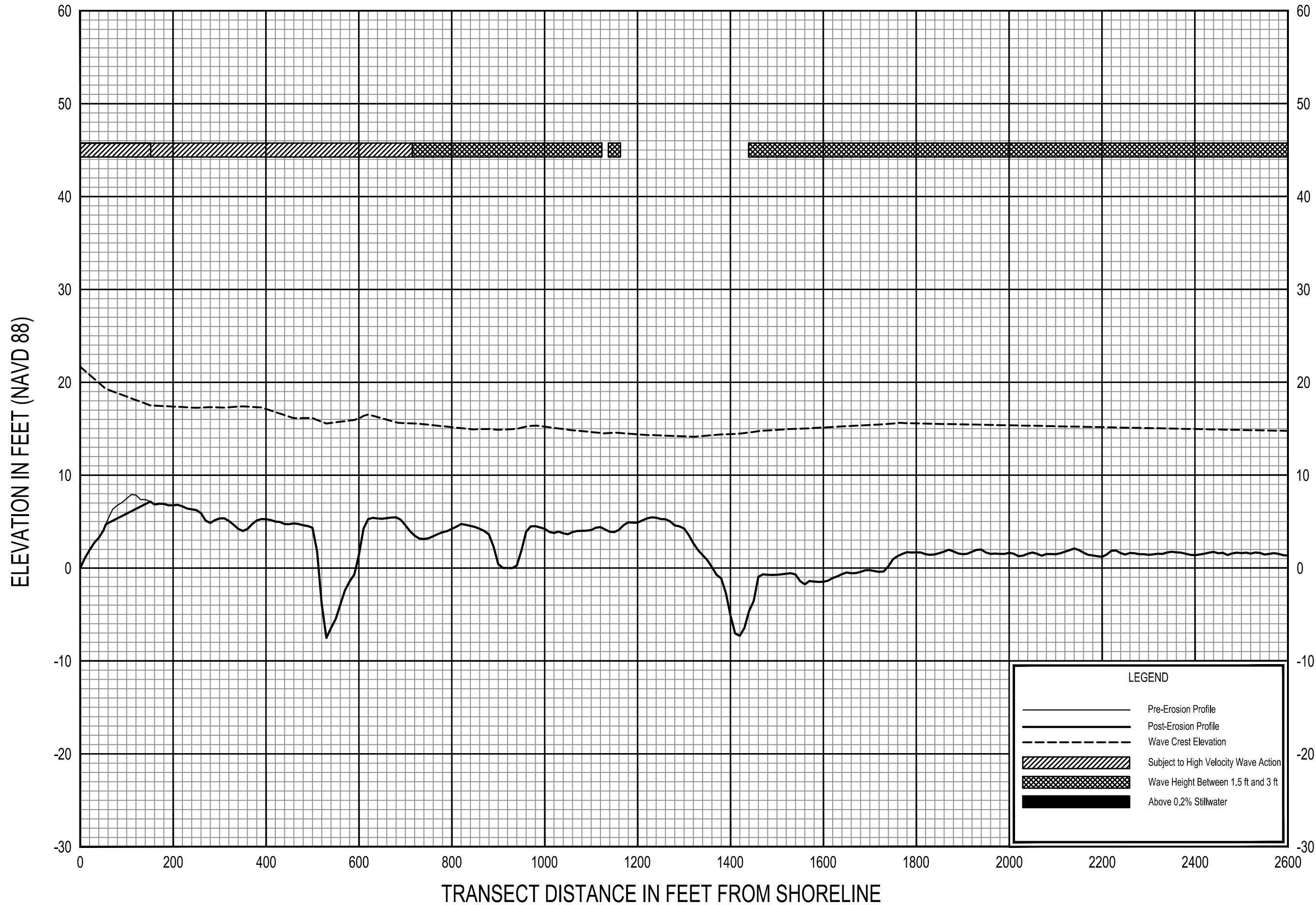
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 383

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

807T

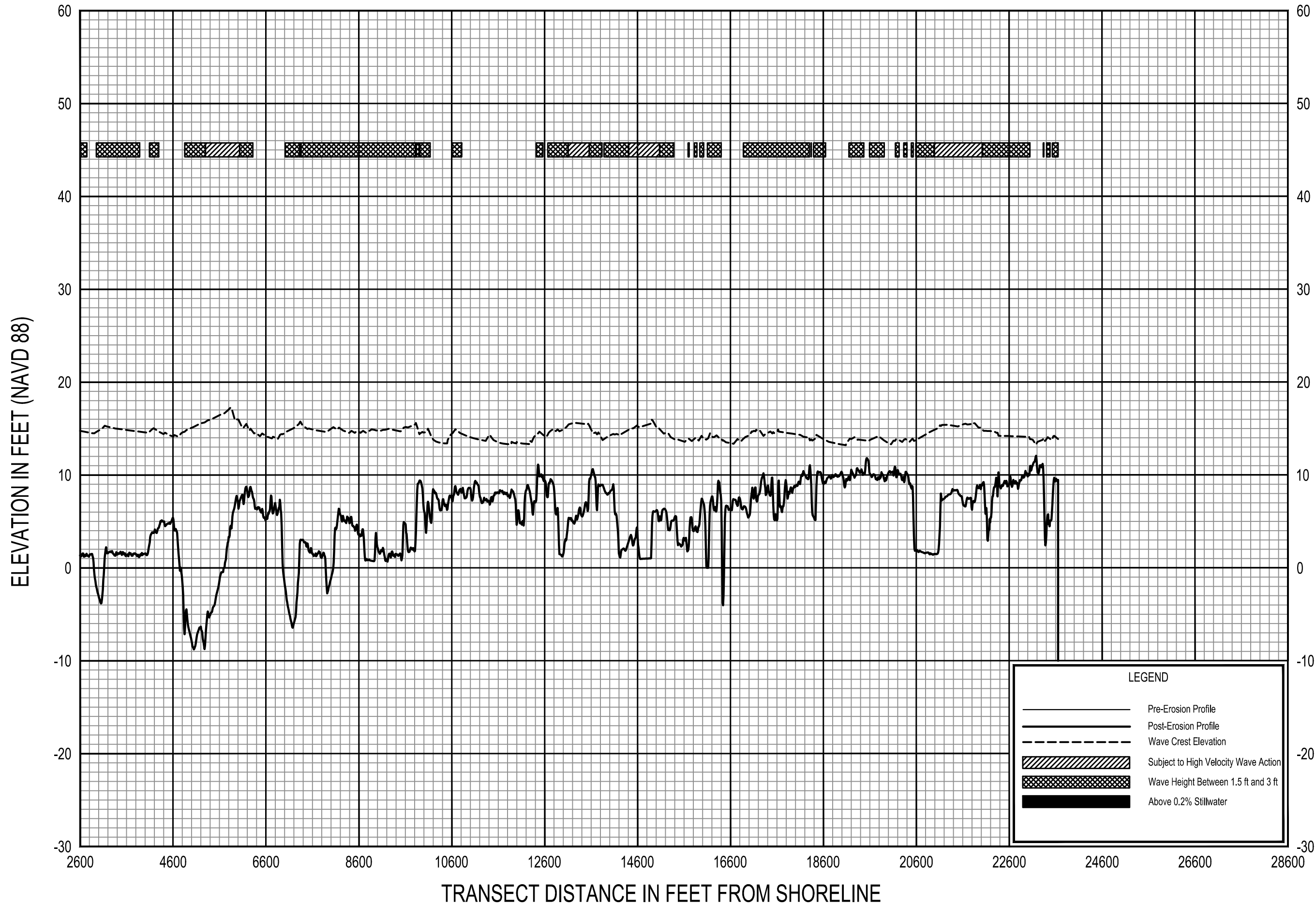


0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 384

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

808T



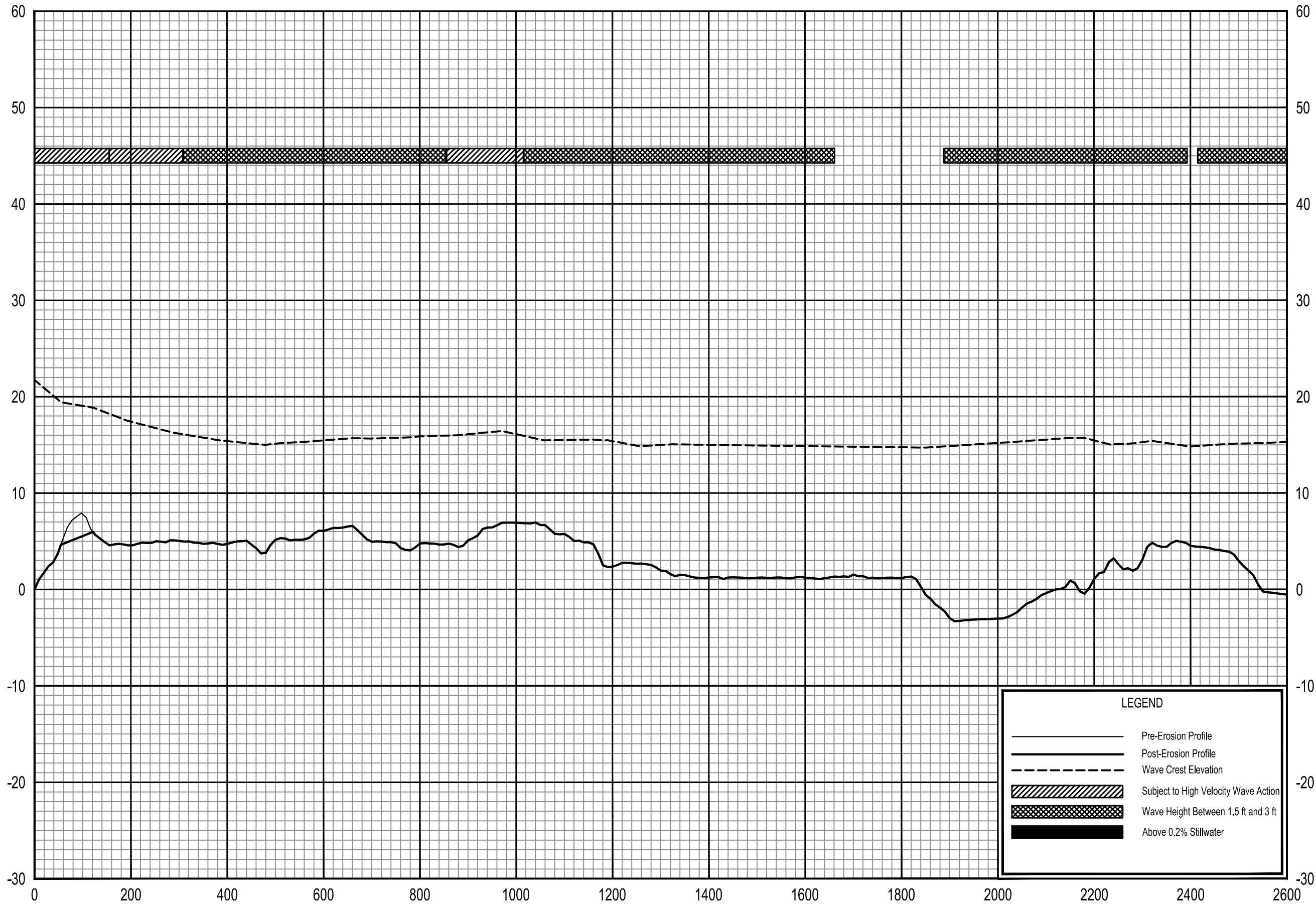
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 384

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

809T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

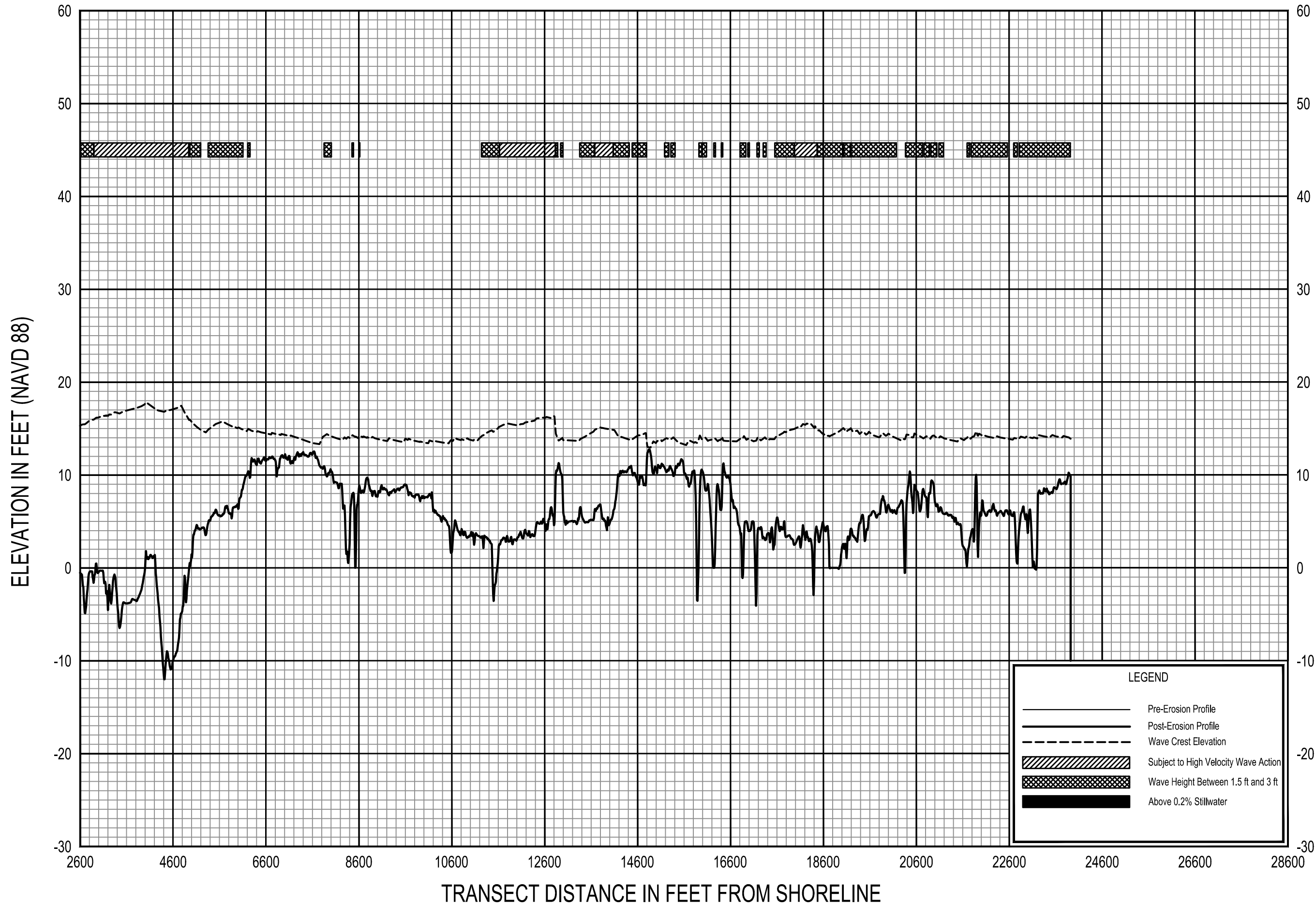
TRANSECT DISTANCE IN FEET FROM SHORELINE

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 385

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

810T



**LEGEND**

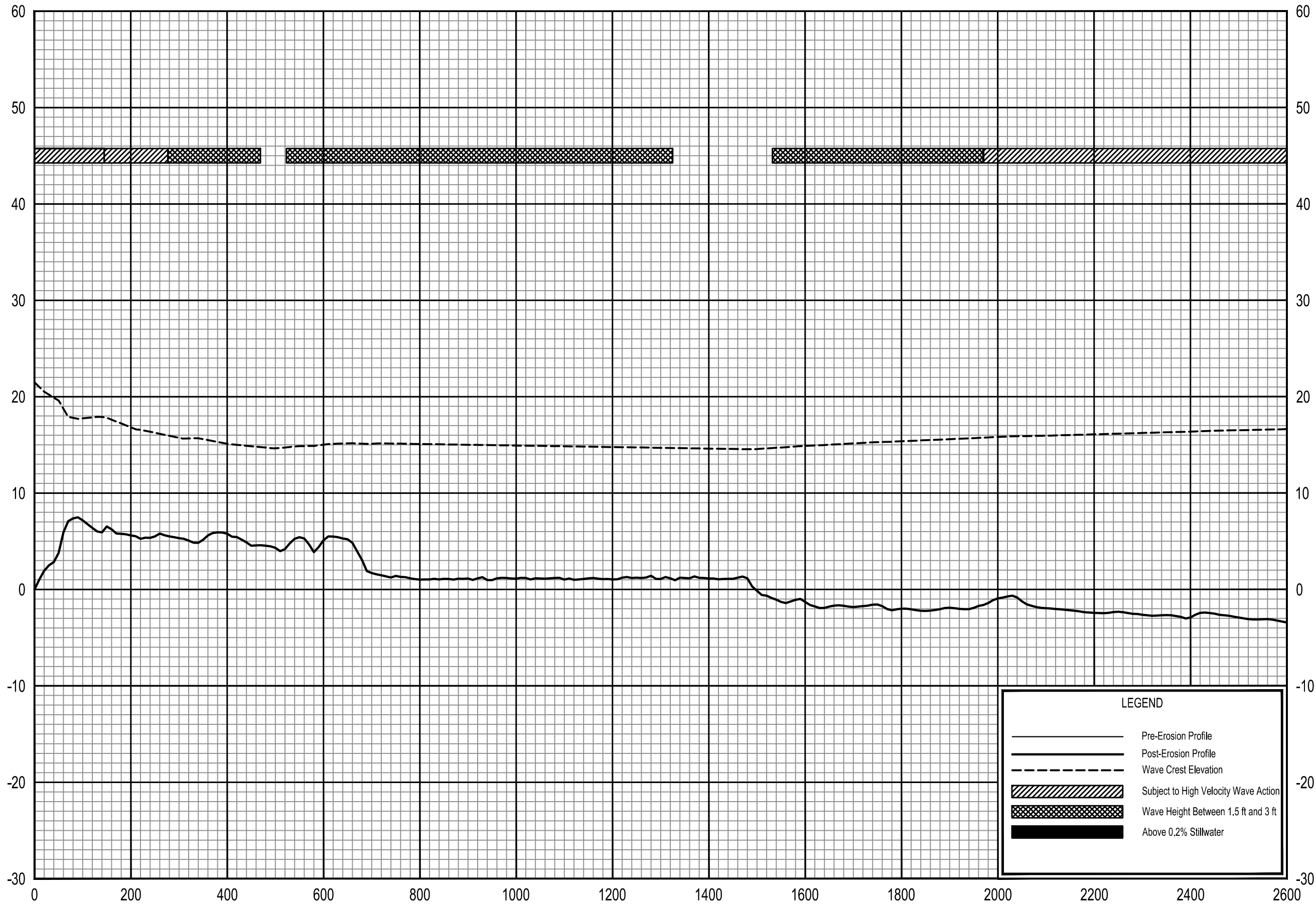
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 385

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 LEE COUNTY, FL  
 AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



TRANSECT DISTANCE IN FEET FROM SHORELINE

**LEGEND**

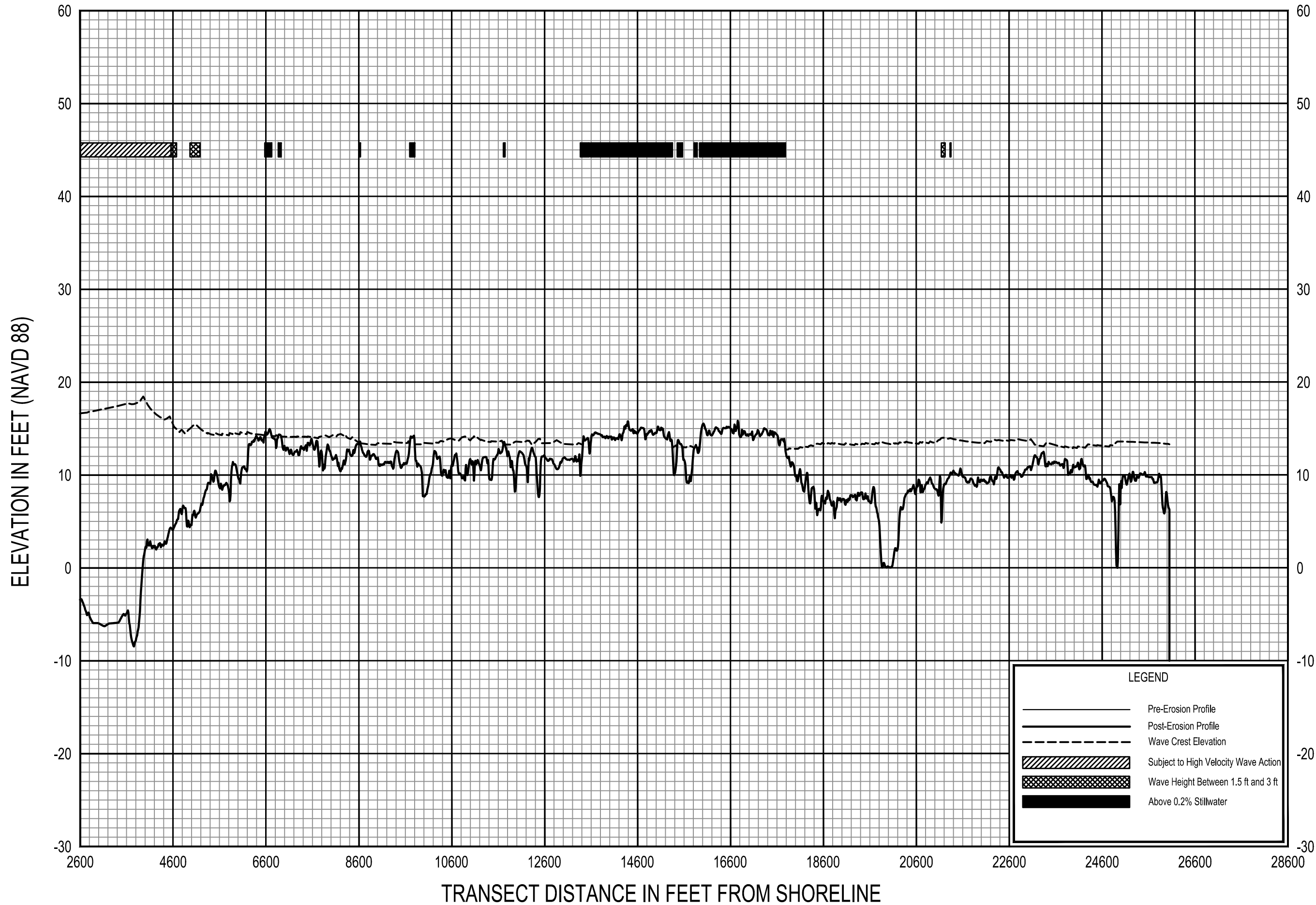
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 386

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

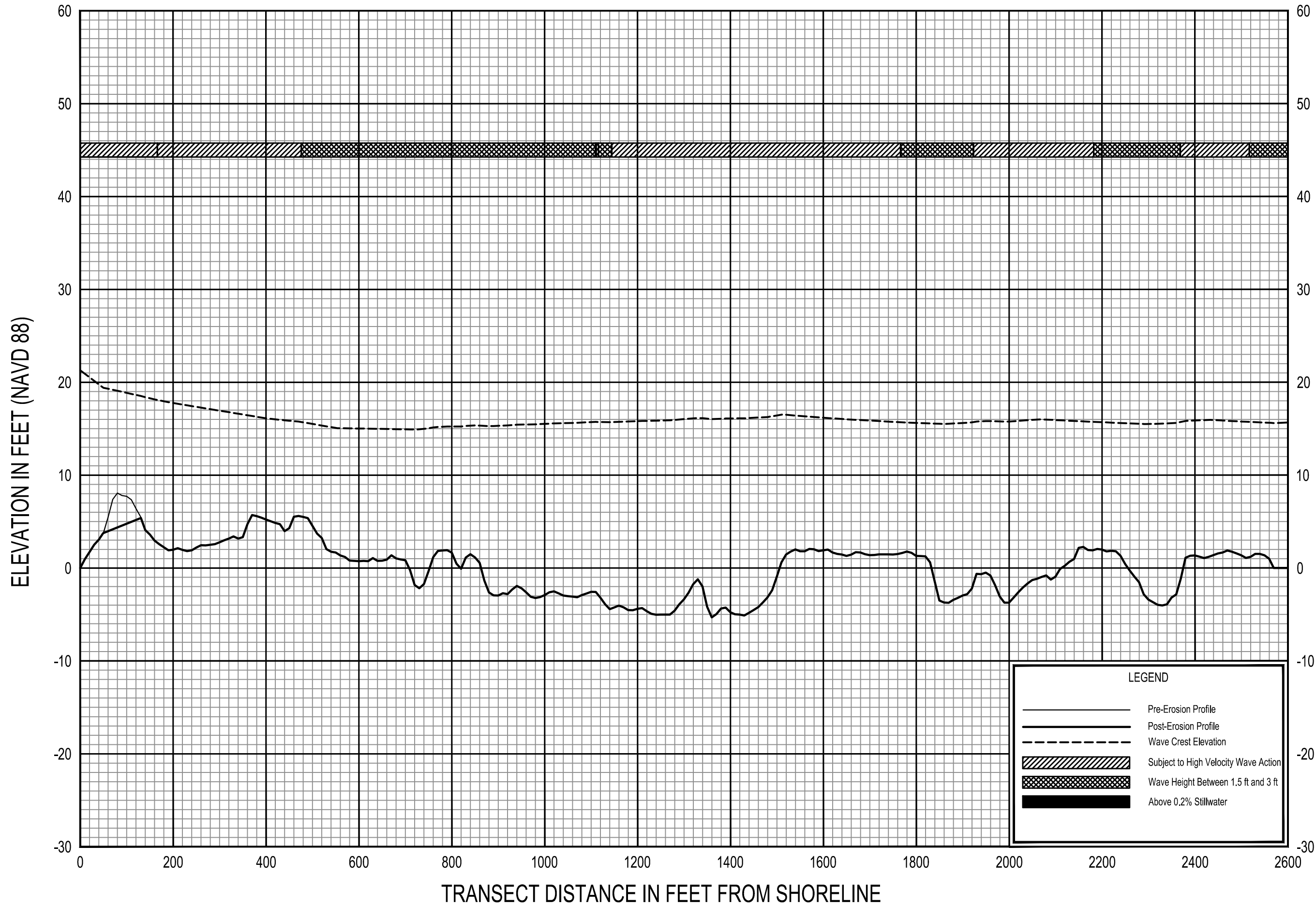
812T



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 386

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

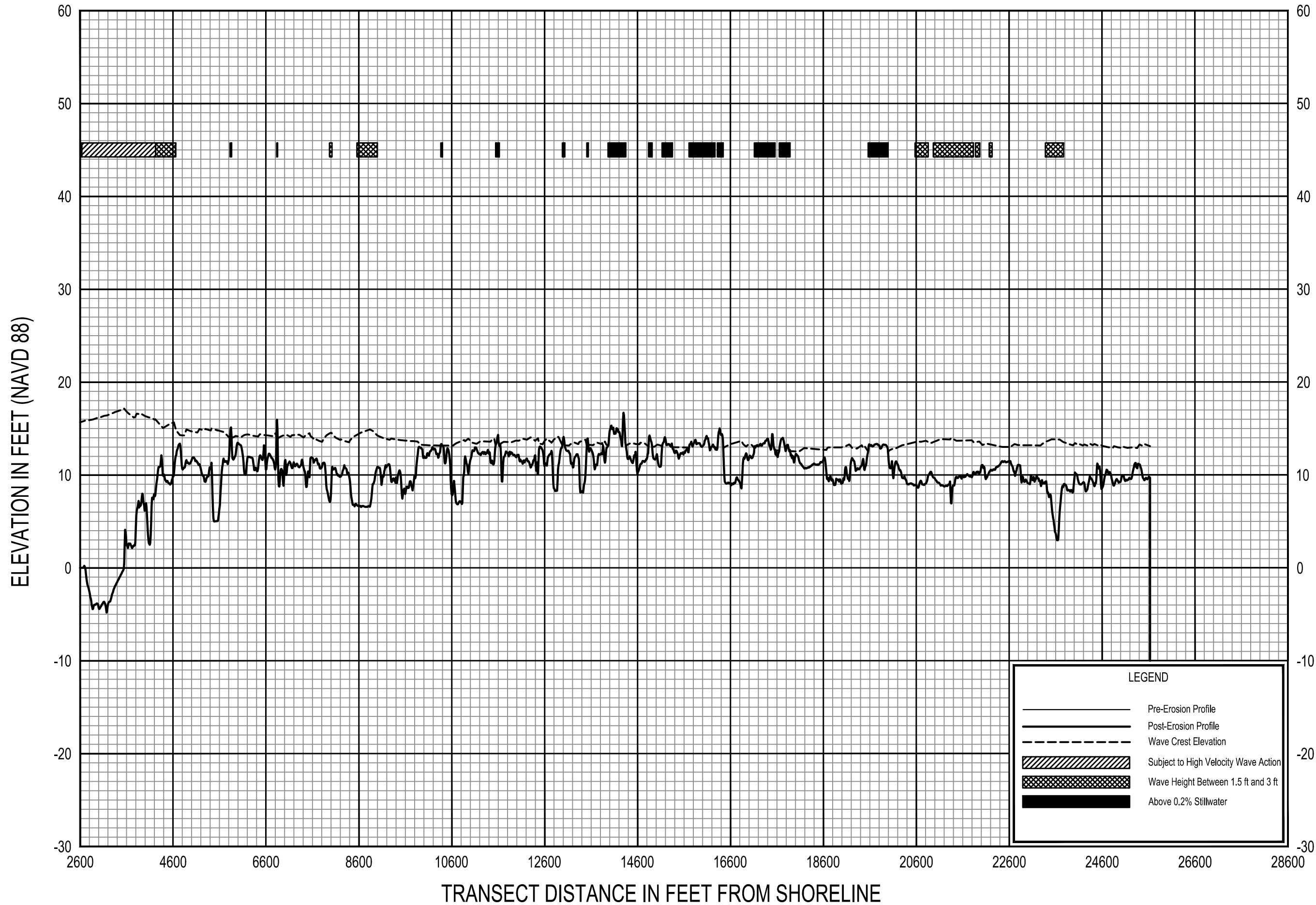


0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 387

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS



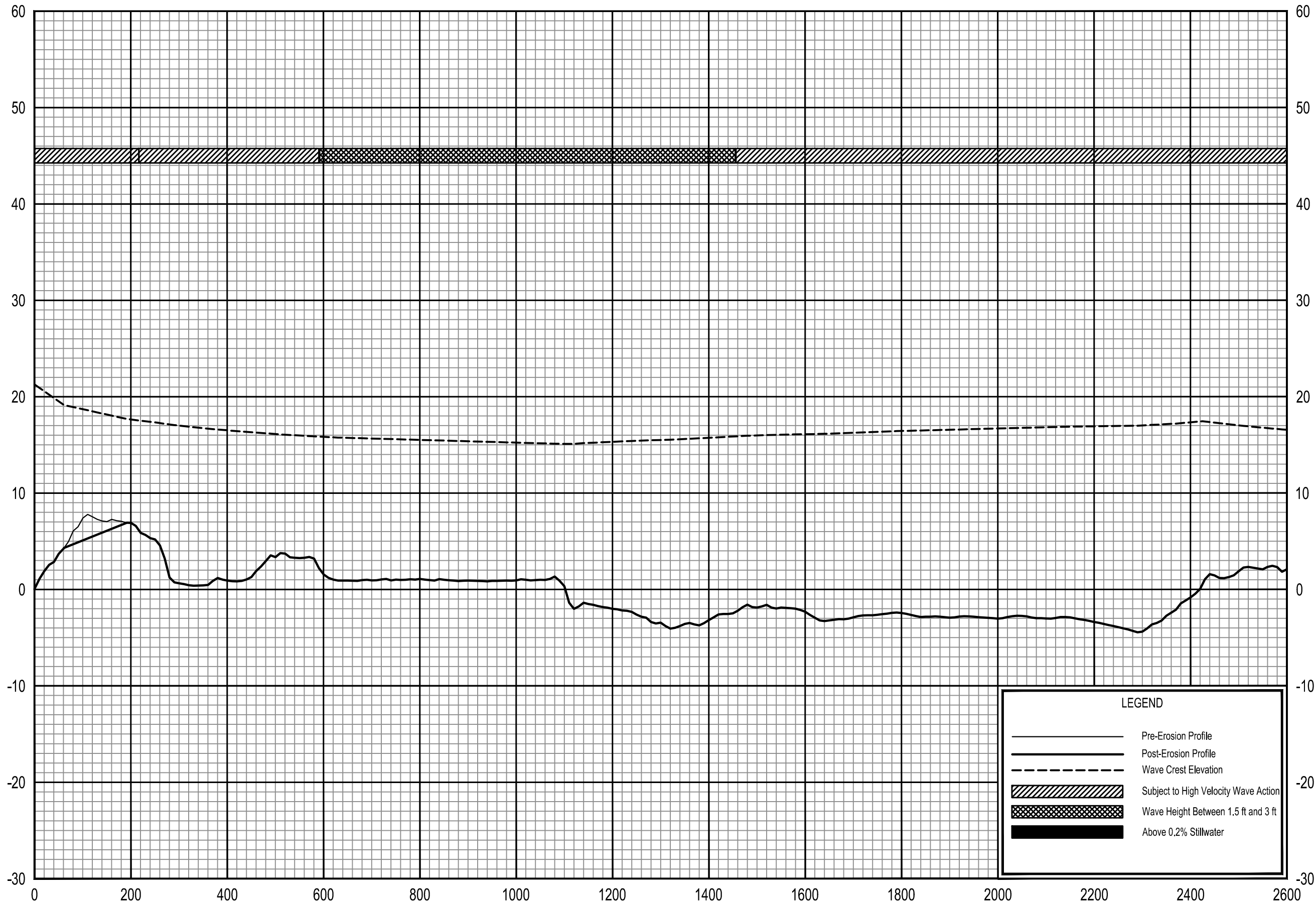


0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 387

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 LEE COUNTY, FL  
 AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

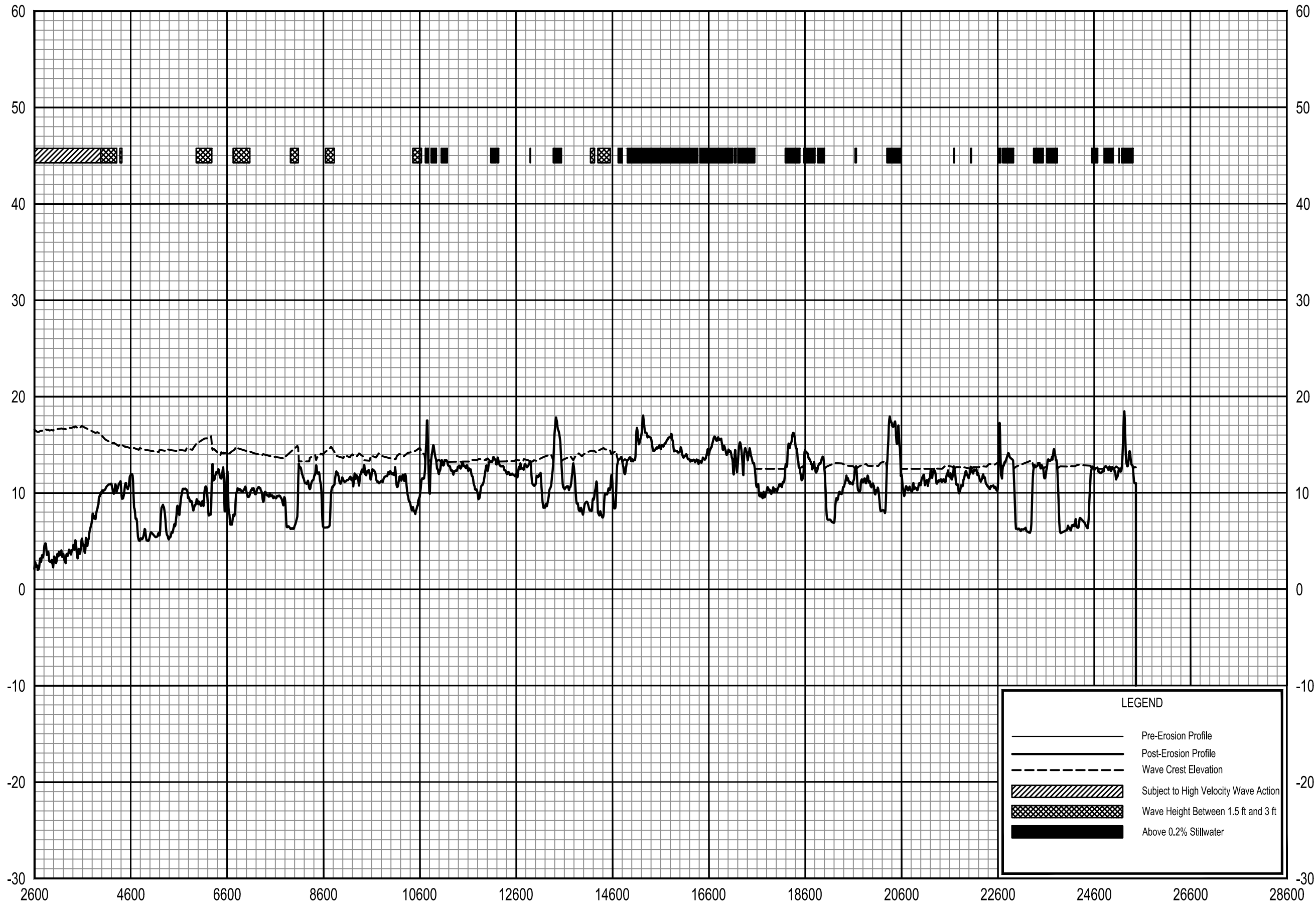
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 388

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

816T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

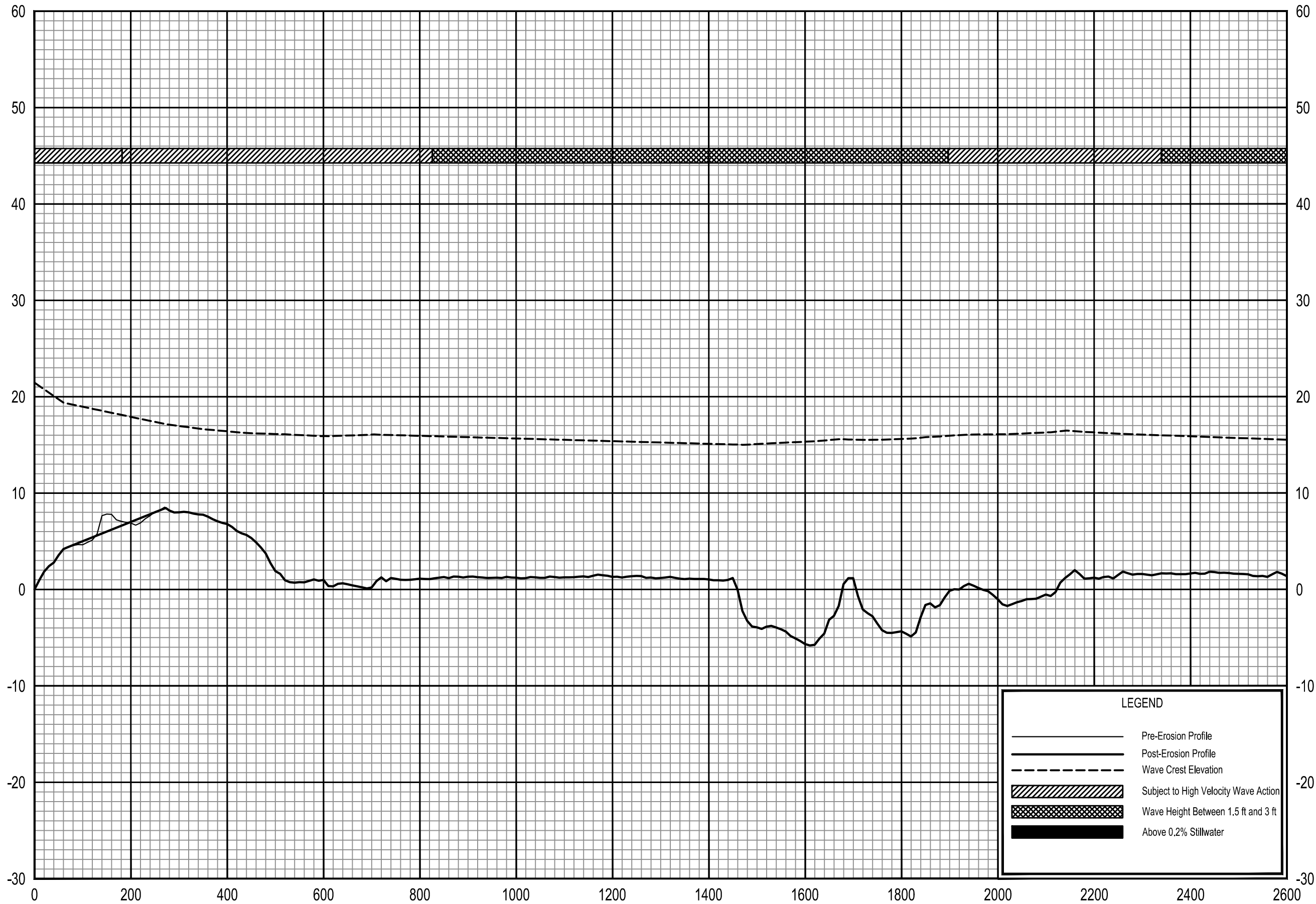
- Pre-Erosion Profile
- - - Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 388

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

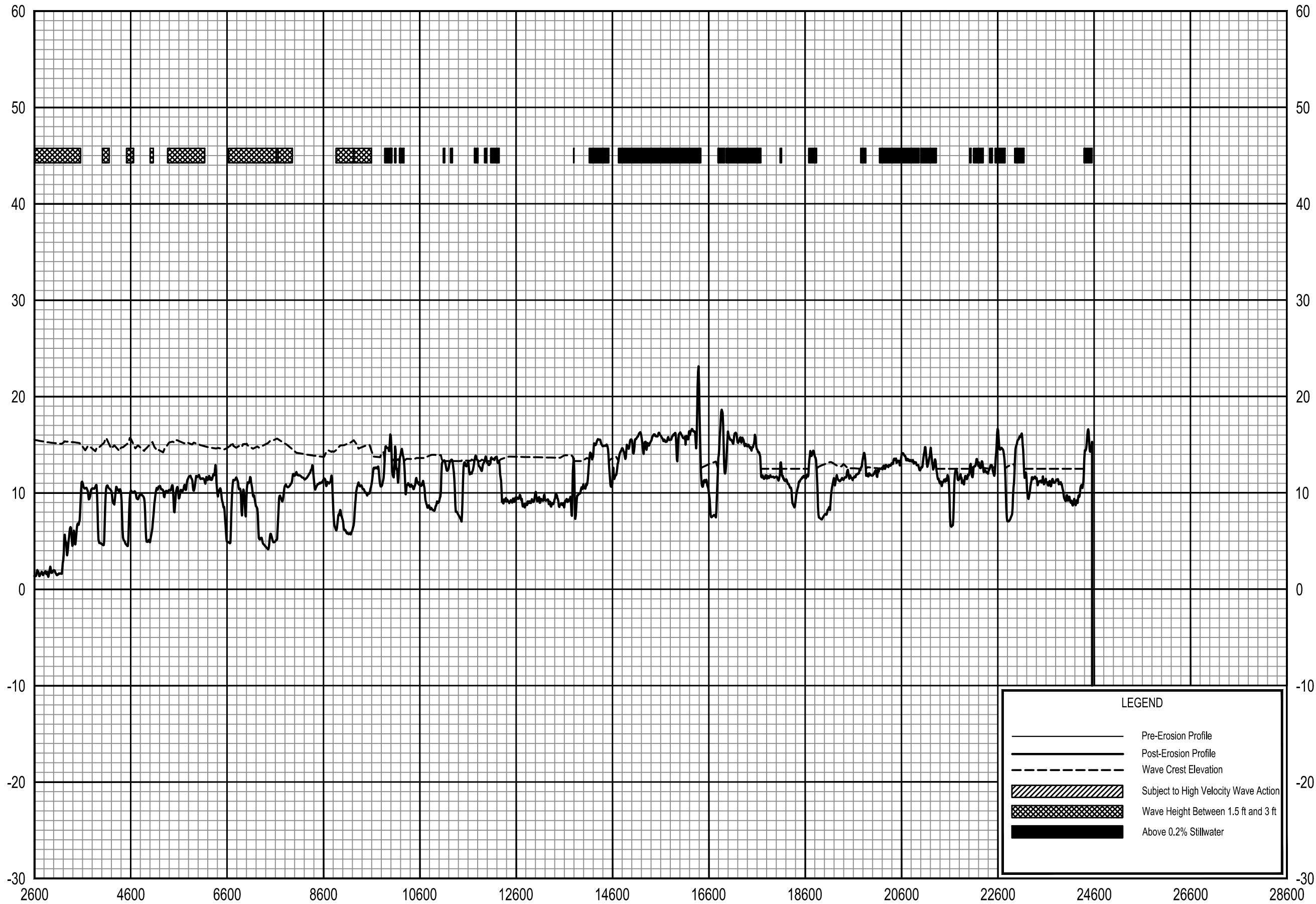
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 389

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

818T

ELEVATION IN FEET (NAVD 88)



**LEGEND**

- Pre-Erosion Profile
- Post-Erosion Profile
- - - Wave Crest Elevation
- ▨ Subject to High Velocity Wave Action
- ▩ Wave Height Between 1.5 ft and 3 ft
- Above 0.2% Stillwater

TRANSECT DISTANCE IN FEET FROM SHORELINE

0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 389

FEDERAL EMERGENCY MANAGEMENT AGENCY  
LEE COUNTY, FL  
AND INCORPORATED AREAS

819T