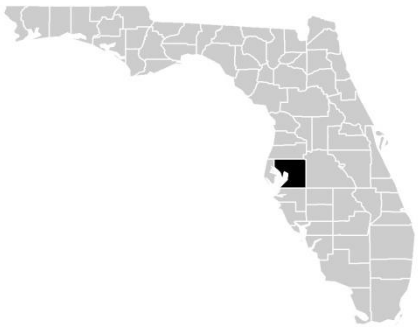
FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 4 OF 11



HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
HILLSBOROUGH COUNTY, UNINCORPORATED AREAS	120112
PLANT CITY, CITY OF	120113
TAMPA, CITY OF	120114
TEMPLE TERRACE, CITY OF	120115

FEMA

REVISED PRELIMINARY 09/24/2020

REVISED:

TBD

FLOOD INSURANCE STUDY NUMBER
12057CV004C

Version Number 2.4.3.5

TABLE OF CONTENTS
Volume 1

Figures

Tables

Volume 2

Figures

Tables

Volume 3

Tables

Page

Volume 4

Page

Tables

Page

Volume 5

Tables

Exhibits

Volume 6

Exhibits

Volume 7

Exhibits

Volume 8

Exhibits

Volume 10

Exhibits

Volume 11

Exhibits

Published Separately

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
900125[1]		0				*	1.8[3]	N/A	N/A
	9900150[1]		N/A	N/A	N/A				
900150[1]		2,175				*	1.9[3]	N/A	N/A
	9900200[1]		N/A	N/A	N/A				
900200[1]		6,684				*	2.1[3]	N/A	N/A
	9900225[1]		N/A	N/A	N/A				
900225[1]		7,642				*	2.2[3]	N/A	N/A
	9900320[1]		N/A	N/A	N/A				
900320[1]		8,402				*	2.3[3]	N/A	N/A
	9900330[1]		N/A	N/A	N/A				
900330[1]		9,646				*	2.3[3]	N/A	N/A
	9900335[1]		N/A	N/A	N/A				
900335[1]		12,695				*	2.4[3]	N/A	N/A
	9900350[1]		N/A	N/A	N/A				
900350[1]		13,569				*	2.5[3]	N/A	N/A
	9900400[1]		N/A	N/A	N/A				
900400[1]		15,833				*	2.8[3]	N/A	N/A
	9900425[1]		N/A	N/A	N/A				
900425[1]		18,213				*	2.9[3]	N/A	N/A
	9900450[1]		N/A	N/A	N/A				
900450[1]		19,742				*	3.0[3]	N/A	N/A
	9900475[1]		N/A	N/A	N/A				
900475[1]		22,433				*	3.2[3]	N/A	N/A
	9900500[1]		N/A	N/A	N/A				
900500[1]		23,898				*	3.5[3]	N/A	N/A
	9900650[1]		N/A	N/A	N/A				

[1]Floodway not shown
[2]Feet above mouth
[3]Elevation computed without consideration of backwater effects from Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
900650[1]		26,259				*	3.7[4]	N/A	N/A
	9900700		730	15,000	1.4				
900700		28,963				7.6[3]	3.9[4]	4.4	0.5
	9900710		365	15,000	2.8				
900710		30,996				7.6[3]	4.7[4]	5.6	0.9
	9900720		730	15,000	1.9				
900720		31,749				7.6[3]	5.0[4]	5.8	0.8
	9900750		1,100	2,950	0.6				
900750		32,617				7.6[3]	5.0[4]	5.8	0.8
	9900775		1,775	13,700	1.1				
900775		36,517				7.6[3]	5.3[4]	6.1	0.8
	9900800		345	13,700	1.1				
900800		37,429				7.6[3]	5.5[4]	6.3	0.8
	9900825		1,965	13,700	1.2				
900825		39,522				7.8[3]	6.4[4]	7.2	0.8
	9900850		2,810	13,800	0.6				
900850		40,434				7.8[3]	6.5[4]	7.3	0.8
	9900900		3,230	13,900	0.7				
900900		44,102				8.0[3]	7.2[4]	7.9	0.7
	9900950		2,165	14,000	0.9				
900950		46,927				8.4[3]	7.9[4]	8.6	0.7
	9900980		1,285	14,000	1.2				
900980		48,042				8.6[3]	8.2[4]	8.9	0.7
	9901000		1,350	14,000	1.1				
901000		50,321				8.9[3]	8.6[4]	9.4	0.8
	9901020		1,468	14,000	1.1				

[1]Floodway not shown
[2]Feet above mouth
[3]Combined coastal and riverine flood effects from Tampa Bay and Little Manatee River
[4]Elevation computed without consideration of backwater effects from Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901020		51,480				9.4[2]	9.2[3]	10.0	0.8
	9901040		1,610	14,000	0.9				
901040		54,103				9.9	9.9	10.6	0.7
	9901050		520	14,100	1.1				
901050		55,539				10.6	10.6	11.3	0.7
	9901100		720	14,100	1.2				
901100		57,363				11.6	11.6	12.4	0.8
	9901150		980	14,100	1.0				
901150		59,119				12.2	12.2	13.2	1.0
	9901180		910	14,200	1.2				
901180		61,258				12.7	12.7	13.7	1.0
	9901200		945	14,300	1.3				
901200		62,258				13.1	13.1	14.1	1.0
	9901205		2,130	14,300	1.1				
901205		64,499				14.1	14.1	14.9	0.8
	9901210		2,235	14,300	1.0				
901210		66,223				14.2	14.2	15.0	0.8
	9901220		2,520	13,400	1.1				
901220		68,213				14.6	14.6	15.4	0.8
	9901225		1,710	13,400	2.3				
901225		69,344				15.3	15.3	16.0	0.7
	9901235		1,440	13,400	1.8				
901235		71,508				15.7	15.7	16.4	0.7
	9901250		1,350	13,400	4.3				
901250		73,190				17.6	17.6	18.3	0.7
	9901260		1,050	13,400	2.1				

[1]Feet above mouth
[2]Combined coastal and riverine flood effects from Tampa Bay and Little Manatee River
[3]Elevation computed without consideration of backwater effects from Tampa Bay

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901260		74,058				18.1	18.1	18.7	0.6
	9901300		250	13,400	*				
901300		74,218				18.4	18.4	19.1	0.7
	9901305		1,710	13,400	*				
901305		75,290				18.4	18.4	19.1	0.7
	9901310		1,540	13,100	1.3				
901310		75,706				18.7	18.7	19.4	0.7
	9901320		800	13,200	1.4				
901320		76,777				19.1	19.1	19.8	0.7
	9901340		1,570	13,200	2.2				
901340		78,876				20.1	20.1	20.7	0.6
	9901350		1,570	13,200	2.8				
901350		80,505				20.7	20.7	21.2	0.5
	9901370		1,100	13,200	4.0				
901370		82,399				23.1	23.1	23.3	0.2
	9901400		850	13,300	2.6				
901400		83,971				24.4	24.4	24.6	0.2
	9901450		300	13,300	5.0				
901450		84,071				24.7	24.7	25.0	0.3
	9901500		1,650	13,300	1.2				
901500		86,045				25.2	25.2	25.5	0.3
	9901700		1,175	13,500	1.7				
901700		99,398				31.7	31.7	32.3	0.6
	9901725		1,530	13,500	1.2				
901725		100,986				32.3	32.3	33.0	0.7
	9901750		1,530	13,600	2.6				

[1]Feet above mouth

*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901750		104,026				33.3	33.3	33.9	0.6
	9901760		815	13,700	2.3				
901760		105,724				34.5	34.5	35.0	0.5
	9901780		715	9,130	1.0				
901780		106,388				34.7	34.7	35.4	0.7
	9901800		1,165	9,130	1.0				
901800		107,393				34.7	34.7	35.4	0.7
	9901820		1,165	9,070	1.3				
901820		108,397				34.9	34.9	35.5	0.6
	1901860		750	8,930	2.4				
901860		108,430				35.0	35.0	35.6	0.6
	9901900		1,070	9,050	0.8				
901900		109,039				35.1	35.1	35.7	0.6
	9901950		1,070	8,910	1.1				
901950		110,550				35.1	35.1	35.9	0.8
	9901970		1,150	8,900	1.4				
901970		112,800				35.5	35.5	36.2	0.7
	9901990		1,445	8,830	1.4				
901990		115,547				36.4	36.4	36.9	0.5
	9902000		1,760	8,860	1.5				
902000		116,658				36.8	36.8	37.3	0.5
	9902050		1,300	8,890	1.2				
902050		119,470				37.9	37.9	38.3	0.4
	9902070		1,210	8,930	1.5				
902070		121,011				38.7	38.7	39.1	0.4
	9902100		1,215	8,920	0.9				

[1]Feet above mouth

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902100		123,496				39.6	39.6	39.9	0.3
	9902150		1,400	9,050	1.6				
902150		124,501				40.8	40.8	41.2	0.4
	9902160		1,300	9,070	1.9				
902160		125,276				41.5	41.5	42.0	0.5
	1902200		1,300	9,070	*				
902200		125,327				41.9	41.9	42.4	0.5
	9902250		1,300	9,090	1.1				
902250		126,596				42.2	42.2	42.7	0.5
	9902260		1,055	9,130	1.5				
902260		129,507				43.9	43.9	44.2	0.3
	9902270		1,100	9,170	1.0				
902270		131,042				44.9	44.9	45.2	0.3
	9902300		1,025	9,230	1.1				
902300		133,599				45.5	45.5	46.1	0.6
	9902310		1,300	7,790	1.1				
902310		134,691				45.8	45.8	46.5	0.7
	9902350		1,745	7,760	1.3				
902350		137,346				46.3	46.3	46.9	0.6
	9902400		1,200	7,790	1.5				
902400		138,679				47.2	47.2	47.6	0.4
	1902445		1,330	7,790	*				
902445		138,714				47.3	47.3	47.7	0.4
	9902450		1,700	4,430	0.9				
902450		139,729				47.3	47.3	47.8	0.5
	9902500		1,700	7,900	1.1				

[1]Feet above mouth

*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902500		141,560				48.1	48.1	48.4	0.3
	9902550		2,000	7,940	1.4				
902550		143,641				48.8	48.8	49.0	0.2
	9902600		1,590	8,010	0.9				
902600		145,525				49.8	49.8	50.0	0.2
	9902630		2,300	8,060	0.8				
902630		147,369				50.3	50.3	50.4	0.1
	9902650		2,300	6,830	1.0				
902650		148,386				50.7	50.7	50.8	0.1
	9902675		1,270	6,840	1.0				
902675		150,044				51.4	51.4	51.7	0.3
	9902700		1,540	6,840	0.7				
902700		150,290				51.4	51.4	51.8	0.4
	9902750		1,290	6,570	0.7				
902750		151,435				51.7	51.7	52.1	0.4
	9902775		575	6,570	1.6				
902775		153,637				53.7	53.7	54.4	0.7
	9902800		880	6,570	1.3				
902800		154,108				54.7	54.7	55.4	0.7
	9902850		720	6,550	1.3				
902850		155,649				56.9	56.9	57.9	1.0
	9902900		1,120	6,440	0.6				
902900		157,443				57.3	57.3	58.1	0.8
	9902925		998	4,090	0.9				
902925		158,370				58.0	58.0	58.5	0.8
	9902950		1,935	4,180	0.7				

[1]Feet above mouth

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902950		161,058				59.0	59.0	59.7	0.7
	1903000		105	4,180	*				
903000		161,112				59.2	59.2	59.8	0.6
	9903050		1,055	4,220	0.6				
903050		163,031				59.8	59.8	60.4	0.6
	9903100		340	4,270	1.3				
903100		164,421				60.6	60.6	61.3	0.7
	9903200		980	3,510	0.7				
903200		166,426				61.5	61.5	62.0	0.5
	9903250		370	3,500	0.9				
903250		167,648				62.5	62.5	62.9	0.4
	1903300		400	3,500	*				
903300		167,728				62.6	62.6	63.0	0.4
	9903350		625	3,470	1.0				
903350		169,224				64.1	64.1	64.5	0.4
	9903395		1,270	3,440	0.7				
903395		170,415				64.9	64.9	65.2	0.3
	9903400		500	3,450	0.9				
903400		171,425				66.1	66.1	66.3	0.2
	9903450		280	3,430	1.4				
903450		173,057				67.5	67.5	67.8	0.3
	9903500		250	3,400	1.4				
903500		174,853				68.5	68.5	68.9	0.4
	9903550		650	3,400	1.0				
903550		175,519				69.5	69.5	69.9	0.4
	9903645		1,000	3,360	0.8				

[1]Feet above mouth

*Data not available

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
903645		178,001				71.5	71.5	71.6	0.1
	9903650		1,700	3,280	0.5				
903650		179,199				71.7	71.7	71.9	0.2
	9903750		1,835	3,080	1.0				
903750		181,756				72.8	72.8	72.9	0.1
	1903800		125	3,080	*				
903800		181,799				73.0	73.0	73.1	0.1
	9903850		910	2,980	1.0				
903850		182,147				73.4	73.4	73.5	0.1
	9903900		300	2,970	1.7				
903900		183,499				75.1	75.1	75.8	0.7
	9903945		710	2,900	1.7				
903945		186,712				82.1	82.1	82.8	0.7
	9903950		1,572	1,820	0.7				
903950		188,344				82.8	82.8	83.3	0.5
	9904000		926	1,850	3.2				
904000		190,858				85.8	85.8	85.8	0.0
	9904050		1,600	1,830	0.6				
904050		191,715				85.9	85.9	85.9	0.0
	9904100		1,322	1,870	0.8				
904100		193,098				88.7	88.7	88.7	0.0
	1904150		120	1,870	*				
904150		193,175				90.5	90.5	90.5	0.0
	9904200		683	1,700	1.0				
904200		194,866				93.2	93.2	93.2	0.0
	9904250		868	1,680	0.8				

[1]Feet above mouth

*Data not available

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
904250		198,100				96.7	96.7	96.8	0.1
	9904300		1,530	1,510	0.5				
904300		199,510				97.9	97.9	97.9	0.0
	9904350		2,286	1,360	0.3				
904350		201,562				98.5	98.5	98.5	0.0
	9904400		2,400	1,550	0.4				
904400		202,343				98.7	98.7	98.7	0.0
	9904450		1,780	597	0.1				
904450		202,851				98.7	98.7	98.7	0.0
	9904500		1,441	570	0.3				
904500		204,814				99.2	99.2	99.2	0.0

[1]Feet above mouth

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
900850		0				7.8[2]	6.5[3]	7.3	0.8
	9900850		1,025	497	0.3				
905350		3,153				7.8[2]	6.5[3]	7.3	0.8
	9905350		364	365	0.9				
905390		6,161				7.8[2]	6.5[3]	7.3	0.8
	9905390		500	365	1.1				
905400		7,636				7.8[2]	6.5[3]	7.3	0.8
	1905400		450	365	6.5				
905450		7,721				7.8[2]	6.9[3]	7.3	0.4
	1905450		280	265	1.2				
905480		8,688				7.8[2]	7.0[3]	7.3	0.3
	9905480		516	263	2.0				
905490		10,471				7.8[2]	7.3[3]	7.3	0.0
	9905490		0	263	2.0				
905500		10,538				8.8[2]	8.6[3]	8.6	0.0

[1]Feet above confluence with Little Manatee River
[2]Combined coastal and riverine effects from Tampa Bay and Little Manatee River Tributary 1
[3]Elevation computed without consideration of backwater effects from Tampa Bay

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901000		0				8.9[2]	8.6[3]	9.4	0.8
	9901001		340	2,750	1.1				
901001		658				8.9[2]	8.7[3]	9.4	0.7
	9935100		340	2,750	1.1				
935100		2,586				8.9[2]	8.8[3]	9.4	0.6
	9935330		275	2,290	1.8				
935330		5,449				15.5	15.5	15.5	0.0
	9935340		35	3,210	2.8				
935340		5,639				15.9	15.9	15.9	0.0
	9935350		990	2,520	1.3				
935350		7,604				18.2	18.2	18.2	0.0
	9935425		1,000	2,050	1.7				
935425		8,811				20.9	20.9	20.9	0.0
	1935450		1,000	238	7.4				
935450		8,898				21.1	21.1	21.1	0.0

[1]Feet above confluence with Little Manatee River
[2]Combined coastal and riverine effects from Tampa Bay and Little Manatee River Tributary 2
[3]Elevation computed without consideration of backwater effects from Tampa Bay

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 2

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901001		0				8.9[2]	8.7[3]	9.4	0.7
	9935105		380	28	0.0				
935105		2,059				10.3	10.3	10.3	0.0
	9935110		70	37	1.3				
935110		2,482				11.6	11.6	11.6	0.0
	1935120		110	37	4.9				
935120		2,534				12.8	12.8	12.8	0.0
	9935200		60	39	0.9				
935200		3,514				17.1	17.1	17.1	0.0

[1]Feet above confluence with Little Manatee River Tributary 2
[2]Combined coastal and riverine effects from Tampa Bay and Little Manatee River Tributary 2.1
[3]Elevation computed without consideration of backwater effects from Tampa Bay

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 2.1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
935100		0				8.9[2]	8.8[3]	9.4	0.6
	9935130		157	687	2.8				
935130		554				10.1	10.1	10.1	0.0
	1935140		100	687	14.4				
935140		639				15.0	15.0	15.0	0.0
	9935150		215	847	2.5				
935150		1,984				15.8	15.8	15.8	0.0
	9935240		94	544	2.3				
935240		3,164				20.6	20.6	20.6	0.0
	1935250		1,000	544	9.5				
935250		3,219				21.5	21.5	21.5	0.0
	9935315		526	191	0.4				
935300		3,469				28.2	28.2	28.2	0.0
	9935300		80	191	7.8				

[1]Feet above confluence with Little Manatee River Tributary 2
[2]Combined coastal and riverine effects from Tampa Bay and Little Manatee River Tributary 2.2
[3]Elevation computed without consideration of backwater effects from Tampa Bay

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901225		0				15.3	15.3	16.0	0.7
	9905940		2,600	495	0.0				
905940		1,007				15.3	15.3	15.4	0.1
	9905950		70	385	3.7				
905950		2,828				19.0	19.0	19.0	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 3

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901950		0				35.1	35.1	35.9	0.8
	9906400		1,233	1,200	2.2				
906400		1,252				35.1	35.1	35.7	0.6
	1906450		104	22	7.0				
906450		1,305				35.1	35.1	35.7	0.6
	9906500		878	1,550	1.4				
906500		4,954				47.8	47.8	47.8	0.0
	9906540		917	1,600	1.1				
906540		6,754				53.7	53.7	53.7	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 4

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901970		0				35.5	35.5	36.2	0.7
	9959150		2,485	1,350	2.9				
959150		1,572				35.5	35.5	36.2	0.7
	1959263		890	1,350	6.6				
959263		1,615				35.5	35.5	36.2	0.7
	9959426		210	1,240	2.7				
959426		3,040				39.4	39.4	39.4	0.0
	9959589		520	1,050	3.0				
959589		4,623				43.8	43.8	43.8	0.0
	9959915		505	846	2.4				
959915		5,828				49.1	49.1	49.1	0.0
	9960078		770	787	2.5				
960078		7,367				52.7	52.7	52.7	0.0
	9960730		995	634	3.9				
960730		9,862				67.7	67.7	67.7	0.0
	9960750		280	311	1.8				
960750		12,565				74.9	74.9	74.9	0.0
	1960893		545	105	8.2				
960893		12,590				75.6	75.6	75.6	0.0
	9960900		290	175	3.7				
960900		14,954				84.9	84.9	84.9	0.0
	1961056		498	24	5.0				
961056		14,982				84.9	84.9	84.9	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 5

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
960078	9960241	0	435	381	0.5	52.7	52.7	52.7	0.0
960241		3,014				69.3	69.3	69.3	0.0
960567-960404*									

[1]Feet above confluence with Little Manatee River Tributary 5
*No floodway data computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 5.1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902100		0				39.6	39.6	39.9	0.3
	9906650		1,700	1,000	0.4				
906650		1,822				39.6	39.6	39.8	0.2
	9906660		353	853	5.4				
906660		2,417				49.7	49.7	49.7	0.0
	1906680		380	853	8.2				
906680		2,450				49.8	49.8	49.8	0.0
	9906700		666	887	4.4				
906700		3,970				56.4	56.4	56.4	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 6

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902260		0				43.9	43.9	44.2	0.3
	9975150		1,800	1,960	1.6				
975150		1,998				43.9	43.9	44.2	0.3
	9975250		930	2,040	1.1				
975250		3,244				45.5	45.5	45.5	0.0
	9975400		445	1,920	1.9				
975400		8,728				53.4	53.4	53.4	0.0
	9975450		420	1,040	1.5				
975450		10,230				66.2	66.2	66.2	0.0
	9975550		1,200	1,040	1.5				
975550		12,423				74.4	74.4	74.4	0.0
	9975600		525	628	1.7				
975600		14,341				79.0	79.0	79.0	0.0

[1]Feet above confluence with Little Manatee River

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
975400		0				53.4	53.4	53.4	0.0
	9975300		315	660	1.9				
975300		4,451				65.4	65.4	65.4	0.0
	9975330		325	368	0.3				
975330		5,130				81.3	81.3	81.3	0.0

[1]Feet above confluence with Little Manatee River Tributary 7

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 7.1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902600		0				49.8	49.8	50.0	0.2
	9906875		1,101	468	0.1				
906875		4,264				56.7	56.7	56.8	0.1
	9906900		32	468	10.0				
906900		4,300				60.5	60.5	60.5	0.0
	9906950		401	340	0.3				
906950		6,366				69.0	69.0	69.0	0.0
	9906975		286	148	1.1				
906974		6,784				72.4	72.4	72.4	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 8

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902700		0				51.4	51.4	51.8	0.4
	9907110		700	2,560	0.8				
907110		2,640				51.6	51.6	51.8	0.2
	1907050		515	218	13.3				
907050		2,670				55.4	55.4	55.4	0.0
	9907100		415	2,320	1.3				
907100		4,890				57.3	57.3	57.3	0.0
	9907250		335	1,840	1.2				
907250		6,410				58.9	58.9	58.9	0.0
	9907300		600	1,260	0.4				
907300		9,845				59.1	59.1	59.1	0.0
	9907350		490	880	1.0				
907350		11,030				59.2	59.2	59.2	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 9

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902850		0				56.9	56.9	57.9	1.0
	9907410		737	0	0.0				
907440		2,000				62.4	62.4	62.4	0.0
	1907450		438	496	9.8				
907450		2,070				65.3	65.3	65.3	0.0
	9907500		231	781	1.67				
907500		5,157				80.8	80.8	80.8	0.0
	9907550		193	340	1.47				
907550		7,700				105.3	105.3	105.3	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 10

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
903100		0				60.6	60.6	61.3	0.7
	9907800		695	1,990	0.69				
907800		2,200				61.6	61.6	61.7	0.1
	9907850		520	1,940	0.69				
907850		4,350				64.9	64.9	64.9	0.0
	9908000		610	2,560	1.14				
908000		5,895				75.9	75.9	75.9	0.0
	9908040		540	1,190	0.71				
908040		6,682				78.4	78.4	78.4	0.0
	1908050		270	49.5	8.0				
908050		6,720				80.1	80.1	80.1	0.0
	9908100		275	601	0.75				
908100		7,613				82.7	82.7	82.7	0.0
	9908250		340	231	0.18				
908250		8,242				82.8	82.8	82.8	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 11

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
903650		0				71.7	71.7	71.9	0.2
	9903700		715	540	1.3				
903700		3,615				108.4	108.4	108.4	0.0
	9903710		337	136	0.5				
903710		6,027				115.6	115.6	115.6	0.0
	1903720		395	136	8.5				
903720		6,111				116.4	116.4	116.4	0.0

[1]Feet above confluence with Little Manatee River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE MANATEE RIVER TRIBUTARY 12

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
342700		0				105.0	105.0	105.0	0.0
	9342800		1,245	254	0.0				
342800		846				105.0	105.0	105.0	0.0
	9344100		2,618	259	0.0				
344100		1,882				105.0	105.0	105.0	0.0
	9344120		1,139	307	0.2				
344120		4,262				106.3	106.3	106.3	0.0
	1344140		50	30	9.5				
344140		4,293				108.0	108.0	108.0	0.0

[1]Feet above confluence with Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MILL CREEK TRIBUTARY 1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
346100		0				105.8	105.8	105.8	0.0
	9346180		285	118	0.3				
346180		1,582				105.8	105.8	105.8	0.0
	1346300		50	73	5.8				
346300		1,632				106.4	106.4	106.4	0.0
	9346380		1,866	122	0.0				
346380		3,048				106.4	106.4	106.4	0.0
	1346400		62	131	2.8				
346400		3,498				106.7	106.7	106.7	0.0
	9346570		50	277	0.1				
346570		4,374				106.7	106.7	106.7	0.0
	1346580		13	273	8.2				
346580		4,424				108.4	108.4	108.4	0.0
	9346700		55	273	0.1				
346700		5,014				108.4	108.4	108.4	0.0
	9346900		190	360	0.2				
346900		6,345				108.4	108.4	108.4	0.0

[1]Feet above confluence with Mill Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MILL CREEK TRIBUTARY 2

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
605850		0				41.3	41.3	42.0	0.7
	9673000		460	1,220	5.66				
673000		2,282				47.0	47.0	47.2	0.2
	9673025		844	1,220	0.35				
673025		3,700				47.0	47.0	47.2	0.2
	9673050		237	898	1.6				
673050		6,182				49.7	49.7	49.8	0.1
	9673100		190	898	1.7				
673100		9,201				53.2	53.2	53.3	0.1
	9673120		476	899	0.99				
673120		9,628				53.7	53.7	54.3	0.6
	9673125		189	901	1.96				
673125		10,810				56.5	56.5	56.6	0.1
	9673130		503	901	1.84				
673130		11,535				58.8	58.8	58.9	0.1
	1673135		27	221	6.19				
673135		11,582				60.4	60.4	60.4	0.0
	9673140		31	901	7.17				
673140		11,965				62.3	62.3	62.6	0.3
	9673145		535	901	0.48				
673145		13,039				62.4	62.4	62.7	0.3
	9673150		437	901	1.51				
673150		13,760				63.1	63.1	63.2	0.1
	9673175		320	901	1.69				
673175		14,613				64.8	64.8	65.0	0.2

[1]Feet above confluence with Hillsborough River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NEW RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
673025		0				47.0	47.0	47.2	0.2
	9674000		144	569	1.87				
674000		2,171				49.6	49.6	49.7	0.1
	9674025		131	440	1.25				
674025		3,770				52.8	52.8	53.0	0.2
	9674050		106	440	1.34				
674050		4,990				53.4	53.4	53.6	0.2
	9674100		39	371	3.14				
674100		6,870				60.2	60.2	60.7	0.5
	9674150		80	314	2.6				
674150		7,262				61.5	61.5	62.2	0.7
	9674200		57	228	1.68				
674200		9,497				65.8	65.8	65.8	0.0

[1]Feet above confluence with New River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NEW RIVER EAST

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
260160[1]		0				*	10.4[4]	N/A	N/A
	9260161		42	151	0.8				
260161		940				12.3[3]	10.7[4]	10.8	0.1
	1260170		20	75	2.6				
260170		1,005				12.3[3]	10.7[4]	10.8	0.1
	9260180		39	151	1.0				
260180		2,485				12.3[3]	11.2[4]	11.2	0.0
	1260200		55	385	5.0				
260200		2,535				12.3[3]	11.3[4]	11.3	0.0
	9260210		60	723	2.8				
260210		3,555				14.2[3]	13.9[4]	14.1	0.2
	1260220		40	346	12.2				
260220		3,615				15.0[3]	14.8[4]	14.9	0.1
	9260230		53	750	2.8				
260230		3,785				15.4[3]	15.2[4]	15.4	0.2
	9260235		193	787	1.0				
260235		5,195				15.7[3]	15.5[4]	15.7	0.2
	9260240		183	801	1.2				
260240		6,075				16.0	16.0	16.2	0.2
	9260250		49	583	3.5				
260250		6,695				16.6	16.6	16.7	0.1
	1260255		16	294	2.1				
260255		6,832				16.6	16.6	16.7	0.1
	9260260		49	579	2.1				
260260		7,382				17.2	17.2	17.4	0.2
	1260270		38	579	10.8				

[1]Floodway not shown
[2]Feet above Limit of Riverine Analysis (located at a point approximately 2,500 feet downstream of 78th Street)
[3]Combined coastal and riverine effects from Tampa Bay and North Archie Creek
[4]Elevation computed without consideration of backwater effects from Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH ARCHIE CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
260270		7,435				17.2	17.2	17.3	0.1
	9260275		41	32	0.5				
260275		7,805				17.2	17.2	17.3	0.1
	9260280		38	573	3.2				
260280		8,105				18.3	18.3	18.3	0.0
	1260290		16	573	18.6				
260290		8,135				19.1	19.1	19.1	0.0
	9260300		16	579	1.7				
260300		9,235				20.6	20.6	20.6	0.0
	1260330		35	242	3.8				
260330		10,985				24.2	24.2	24.2	0.0
	9260340		38	541	3.9				
260340		11,625				26.8	26.8	26.8	0.0
	9260360		43	454	2.2				
260360		12,575				27.6	27.6	27.6	0.0
	1260370		31	159	2.2				
260370		13,035				27.7	27.7	27.7	0.0
	9260390		32	305	1.7				
260390		13,635				27.7	27.7	27.7	0.0
	1260400		25	146	5.6				
260400		13,700				27.7	27.7	27.7	0.0
	9270000		39	291	2.2				
270000		14,220				27.9	27.9	27.9	0.0
	1270500		29	66.5	2.34				
270500		14,270				27.9	27.9	27.9	0.0

[1]Feet above Limit of Riverine Analysis (located at a point approximately 2,500 feet downstream of 78th Street)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH ARCHIE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,400	1,054	11,797	0.9	46.3	47.3	47.3	1.0
B	8,540	1,249	13,302	0.8	46.9	46.9	47.9	1.0
C	10,940	1,191	12,393	0.8	47.2	47.2	48.2	1.0
D	12,520	722	5,134	2.0	48.5	48.5	49.3	0.8
E	13,090	1,255	8,922	1.1	49.7	49.7	50.5	0.8
F	16,790	1,180	12,129	0.7	50.8	50.8	51.7	0.9
G	20,190	1,291	10,700	0.8	51.5	51.5	52.3	0.8
H	22,690	1,278	10,496	0.9	52.4	52.4	53.2	0.8
I	25,700	1,317	10,724	0.8	53.5	53.5	54.4	0.9
J	27,920	1,056	6,934	1.3	54.4	54.4	55.3	0.9
K	29,600	742	6,935	1.3	55.7	55.7	56.6	0.9
L	32,040	1,110	10,089	0.9	56.6	56.6	57.5	0.9
M	35,940	854	6,553	1.2	58.2	58.2	59.1	0.9
N	42,100	901	7,895	1.0	61.0	61.0	62.0	1.0
O	46,680	579	5,379	1.5	63.4	63.4	64.3	0.9
P	48,840	972	8,288	1.0	64.6	64.6	65.5	0.9

[1]Feet above confluence with Alafia River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH PRONG ALAFIA RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
811140		0				52.8	52.8	53.4	0.6
	9819000		40	1,200	4.1				
819000		264				52.8	52.8	53.1	0.3
	9819020		103	1,150	2.2				
819020		1,368				52.8	52.8	53.3	0.5
	1819050		200	32.3	10.1				
819050		1,408				55.3	55.3	55.6	0.3
	9819060		477	714	1.3				
819060		4,665				76.8	76.8	76.8	0.0
	9819080		550	733	2.8				
819080		5,722				81.0	81.0	81.0	0.0
	1819200		590	77.6	6.7				
819200		7,584				84.7	84.7	84.7	0.0

[1]Feet above confluence with Bullfrog Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NORTH PRONG BULLFROG CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
902630		0				50.3	50.3	50.4	0.1
	9970140		795	3,050	1.9				
970140		4,683				59.6	59.6	59.6	0.0
	1970150		60	3,050	1.9				
970150		4,742				61.1	61.1	61.1	0.0
	9970175		450	2,830	1.9				
970175		6,154				64.1	64.1	64.1	0.0
	9970200		600	2,830	1.7				
970200		7,918				68.4	68.4	68.5	0.1
	9970300		610	2,740	2.4				
970300		10,193				73.7	73.7	73.7	0.0
	9970250		630	2,670	2.1				
970250		12,122				78.3	78.3	78.3	0.0
	9970550		720	2,450	2.1				
970550		13,274				79.3	79.3	79.3	0.0
	9970700		470	2,360	2.1				
970700		14,832				80.1	80.1	80.2	0.1
	9970750		480	2,370	2.1				
970750		16,439				90.2	90.2	90.2	0.0
	9971040		1,000	2,420	1.6				
971040		17,922				94.6	94.6	94.6	0.0
	1971100		910	2,420	1.6				
971100		17,972				99.1	99.1	99.1	0.0
	9971150		440	2,080	1.6				
971150		20,860				101.2	101.2	101.2	0.0
	9971350		300	863	1.1				

[1]Feet above confluence with Little Manatee River

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
971350		22,280				104.3	104.3	104.3	0.0
	9971380		500	664	1.8				
971380		24,043				115.6	115.6	115.6	0.0
	1971400		500	664	1.8				
971400		24,081				117.3	117.3	117.3	0.0
	9971450		380	155	1.8				
971450		28,006				117.6	117.6	117.6	0.0
	9971460		*	*	*				
971460		29,806				119.9	119.9	*	*
	9971475		*	*	*				
971475		32,071				124.0	124.0	*	*

[1]Feet above confluence with Little Manatee River

*Floodway not computed/shown for this node

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PIERCE BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
970550		0				79.3	79.3	79.3	0.0
	9970600		300	394	1.1				
970600		2,018				89.4	89.4	89.4	0.0
	9970650		180	182	1.2				
970650		4,228				109.9	109.9	109.9	0.0

[1]Feet above confluence with Pierce Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PIERCE BRANCH TRIBUTARY 1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
971100		0				99.1	99.1	99.1	0.0
	9970850		695	613	3.3				
970850		1,082				104.8	104.8	104.8	0.0
	9970900		1,070	613	0.1				
970900		3,106				104.8	104.8	104.8	0.0
	9970950		206	472	5.0				
970950		5,744				113.8	113.8	113.8	0.0
	9971000		905	611	0.5				
971000		10,049				114.4	114.4	114.4	0.0
	1971050		95	611	8.1				
971050		10,091				116.5	116.5	116.5	0.0

[1]Feet above confluence with Pierce Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PIERCE BRANCH TRIBUTARY 2

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	150	85	337	4.2	12.5	3.3[2]	4.2	0.9
B	835	80	321	4.5	12.5	5.7[2]	5.8	0.1
C	2,035	45	326	4.4	12.5	6.7[2]	7.1	0.4
D	2,515	36	263	5.4	12.5	7.2[2]	7.9	0.7
E	3,565	57	215	5.6	12.5	11.4[2]	12.1	0.7
F	4,790	49	338	5.0	13.9	13.9	14.4	0.5
G	5,990	44	266	4.5	17.4	17.4	17.6	0.2
H	7,490	36	266	3.4	19.7	19.7	20.5	0.8
I	8,490	20	133	6.8	22.2	22.2	23.2	1.0
J	9,990	40	155	5.8	30.1	30.1	30.5	0.4
K	11,990	95	227	4.0	38.9	38.9	38.9	0.0

[1]Feet above confluence with Alafia River
[2]Elevation computed without consideration of backwater effects from Alafia River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RICE CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
420010[1]		0				*	1.8[4]	N/A	N/A
	9420020		N/A	N/A	N/A				
420020[1]		186				*	1.9[4]	N/A	N/A
	9420030		N/A	N/A	N/A				
420030[1]		1,825				*	2.7[4]	N/A	N/A
	9420040		N/A	N/A	N/A				
420040[1]		2,401				*	3.1[4]	N/A	N/A
	9420050		N/A	N/A	N/A				
420050[1]		3,362				*	7.5[4]	N/A	N/A
	9420060		N/A	N/A	N/A				
420060[1]		5,761				*	7.7[4]	N/A	N/A
	9420070		N/A	N/A	N/A				
420070[1]		10,290				*	7.2[4]	N/A	N/A
	9420071		N/A	N/A	N/A				
420570[1]		13,981				*	7.7[4]	N/A	N/A
	9420580		N/A	N/A	N/A				
420580[1]		16,662				*	8.0[4]	N/A	N/A
	9420590		85	3,970	N/A				
420590		17,086				13.6[3]	13.2[4]	13.3	0.1
	9420600		60	3,760	4.7				
420600		18,294				14.7[3]	14.5[4]	14.6	0.1
	9420610		191	3,760	3.3				
420610		21,321				16.0	16.0	16.4	0.4
	9420620		234	3,600	3.5				
420620		23,695				18.0	18.0	18.5	0.5
	9420630		498	3,640	1.6				

[1]Floodway not shown
[2]Feet above Limit of Riverine Analysis (located at a point approximately 100 feet downstream of Sheldon Road)
[3]Combined coastal and riverine effects from Old Tampa Bay and Rocky Creek
[4]Elevation computed without consideration of backwater effects from Old Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ROCKY CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
420630		25,047				18.4	18.4	18.7	0.3
	99420640		315	3,740	2.1				
420640		25,190				18.4	18.4	18.4	0.0
	99420650		270	3,770	2.2				
420650		27,425				19.4	19.4	20.0	0.6
	99420660		275	3,810	3.2				
420660		29,275				23.1	23.1	23.4	0.3
	99420670		632	3,600	1.2				
420670		31,125				23.2	23.2	23.5	0.3
	99420680		360	3,800	2.0				
420680		33,569				23.8	23.8	24.4	0.6
	9420690		180	4,050	2.9				
420690		35,239				25.0	25.0	25.2	0.2
	9450000		119	1,590	3.2				
450000		36,682				25.7	25.7	26.4	0.7
	9450010		67	1,600	3.9				
450010		36,829				25.8	25.8	26.2	0.4
	9450020		80	1,550	3.5				
450020		37,991				26.7	26.7	27.1	0.4
	9450030		47	1,140	4.6				
450030		41,011				29.3	29.3	29.6	0.3
	9450040		64	1,090	3.9				
450040		42,967				32.4	32.4	32.5	0.1
	1450050		*	364	3.4				
450050		43,087				32.6	32.6	32.7	0.1
	9450060		201	1,090	1.2				

[1]Feet above Limit of Riverine Analysis (located at a point approximately 100 feet downstream of Sheldon Road)

*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ROCKY CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
450060		44,698				33.2	33.2	34.0	0.8
	9450070		196	693	1.8				
450070		46,444				34.5	34.5	34.8	0.3
	1450080		149	231	5.2				
450080		46,514				35.2	35.2	35.4	0.2
	9450090		76	694	3.0				
450090		47,976				38.9	38.9	39.0	0.1
	9450100		90	653	1.9				
450100		49,267				39.4	39.4	39.6	0.2
	1450110		74	250	3.6				
450110		49,333				39.6	39.6	39.8	0.2
	9450120		40	653	4.8				
450120		50,772				44.9	44.9	45.0	0.1
	9450140		40	655	4.2				
450140		52,016				46.1	46.1	46.3	0.2
	1450141		40	187	7.2				
450141		52,398				46.2	46.2	46.4	0.2

[1]Feet above Limit of Riverine Analysis (located at a point approximately 100 feet downstream of Sheldon Road)

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ROCKY CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
900125[1]		0				*	1.8[3]	N/A	N/A
	9900130[1]		N/A	N/A	N/A				
900130[1]		6,959				*	1.8[3]	N/A	N/A
	9900140[1]		N/A	N/A	N/A				
900140[1]		9,719				*	1.8[3]	N/A	N/A
	1921000[1]		N/A	N/A	N/A				
921000[1]		9,749				*	1.8[3]	N/A	N/A
	1921500[1]		N/A	N/A	N/A				
921500[1]		11,957				*	2.4[3]	N/A	N/A
	1921525[1]		N/A	N/A	N/A				
921525[1]		12,614				*	2.5[3]	N/A	N/A
	9921550[1]		N/A	N/A	N/A				
921550[1]		12,888				*	2.6[3]	N/A	N/A
	9922100[1]		N/A	N/A	N/A				
922100[1]		13,383				*	3.3[3]	N/A	N/A
	9922490[1]		N/A	N/A	N/A				
922490[1]		15,671				*	4.9[3]	N/A	N/A
	9922500[1]		N/A	N/A	N/A				
922500[1]		16,342				*	5.2[3]	N/A	N/A
	9922750[1]		N/A	N/A	N/A				
922750[1]		17,425				*	5.4[3]	N/A	N/A
	1922800[1]		N/A	N/A	N/A				
922800[1]		17,465				*	5.7[3]	N/A	N/A
	9923375[1]		N/A	N/A	N/A				
923375[1]		18,026				*	6.5[3]	N/A	N/A
	9923400		100	931	2.1				

[1]Floodway not shown
[2]Feet above confluence with Little Manatee River
[3]Elevation computed without consideration of backwater effects from Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
923400		19,513				10.1[2]	9.3[3]	9.3	0.0
	1923490		200	931	5.9				
923490		19,709				10.3[2]	10.0[3]	10.0	0.0
	9923850		235	923	1.6				
923850		21,272				10.7[2]	10.5[3]	10.8	0.3
	9924030		240	773	2.6				
924030		22,496				14.2[2]	13.4[3]	13.5	0.1
	1924050		635	773	6.3				
924050		22,553				14.3	14.3	14.3	0.0
	9924120		540	696	1.9				
924120		22,946				14.4	14.4	14.4	0.0
	1924130		480	696	5.0				
924130		22,980				14.5	14.5	14.5	0.0
	9924135		465	697	2.3				
924135		23,333				16.6	16.6	16.6	0.0
	9924140		170	546	2.7				
924140		24,501				20.0	20.0	20.0	0.0
924325*									

[1]Feet above confluence with Little Manatee River
[2]Combined coastal and river effects from Tampa Bay and Ruskin Inlet/Marsh Branch
[3]Elevation computed without consideration of backwater effects from Tampa Bay
*No floodway data computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RUSKIN INLET/MARSH BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
901760		0				34.5	34.5	35.0	0.5
	9950110		633	6,780	3.7				
950110		5,965				39.2	39.2	39.2	0.0
	9950120		100	6,780	8.5				
950120		6,025				40.1	40.1	40.2	0.1
	1950130		8	146	4.2				
950130		6,039				40.3	40.3	40.3	0.0
	9950133		363	6,780	7.5				
950133		6,079				40.8	40.8	40.8	0.0
	9950135		400	6,780	6.1				
950135		7,130				42.5	42.5	42.6	0.1
	9950160		456	6,660	75.7				
950160		7,685				45.1	45.1	45.1	0.0

[1]Feet above confluence with Little Manatee River

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,080	1,219	13,555	0.7	46.1	46.1	47.1	1.0
B	8,880	1,075	10,920	0.9	46.4	46.4	47.4	1.0
C	10,620	1,119	11,637	0.8	46.6	46.6	47.6	1.0
D	12,700	1,005	10,576	0.9	46.8	46.8	47.8	1.0
E	14,560	999	8,056	1.2	47.1	47.1	48.1	1.0
F	16,680	1,213	10,380	0.9	48.3	48.3	49.3	1.0
G	18,480	947	7,714	1.3	48.8	48.8	49.8	1.0
H	22,360	1,006	7,047	1.4	49.6	49.6	50.6	1.0
I	26,160	1,028	8,252	1.1	52.6	52.6	53.6	1.0
J	28,800	833	5,587	1.6	53.1	53.1	54.1	1.0
K	31,260	853	6,128	1.5	54.3	54.3	55.3	1.0
L	33,260	817	5,722	1.6	55.0	55.0	55.9	1.0
M	35,360	858	5,807	1.5	56.1	56.1	57.0	0.9
N	37,240	950	6,496	1.4	56.9	56.9	57.8	0.9
O	40,220	1,237	7,158	1.3	58.0	58.0	58.9	0.9
P	41,520	1,080	7,077	1.1	58.5	58.5	59.4	0.9
Q	45,000	824	5,268	1.5	60.5	60.5	61.3	0.8
R	46,720	705	4,858	1.6	61.3	61.3	62.2	0.9
S	48,220	804	5,319	1.5	62.3	62.3	63.2	0.9
T	49,680	1,139	7,441	1.1	63.1	63.1	64.0	0.9
U	51,080	647	4,113	1.9	64.5	64.5	65.4	0.9
V	52,960	941	6,082	1.3	67.0	67.0	67.9	0.9

[1]Feet above confluence with Alafia River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SOUTH PRONG ALAFIA RIVER

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
342100		0				88.5	88.5	89.0	0.5
	9360010		632	594	0.8				
360010		450				88.6	88.6	89.1	0.5
	1360020		180	594	4.7				
360020		525				89.7	89.7	90.1	0.4
	9360070		65	593	1.4				
360070		950				90.7	90.7	90.9	0.2
	1360080		60	198	3.4				
360080		1,400				91.2	91.2	91.4	0.2
	9360100		60	592	2.0				
360100		2,515				92.2	92.2	92.4	0.2
	1360150		200	197	3.4				
360150		2,635				92.5	92.5	92.7	0.2
	9360200		80	593	2.4				
360200		3,045				93.2	93.2	93.2	0.0
	1360300		200	285	1.8				
360300		3,100				93.2	93.2	93.2	0.0
	9360380		100	597	1.7				
360380		5,350				96.3	96.3	96.7	0.4
	1360400		200	557	4.0				
360400		5,410				97.1	97.1	97.5	0.4
	9360450		286	-657	0.9				
360450		7,170				97.7	97.7	98.0	0.3
	9360700		190	732	0.9				
360700		9,170				97.8	97.8	98.5	0.7
	1360800		200	549	4.4				

[1]Feet above confluence with Pemberton Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SPARTMAN BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
360800		9,270				98.6	98.6	99.4	0.8
	9360850		1,108	561	0.1				
360850		11,220				98.7	98.7	99.4	0.7
	9360870		400	665	0.6				
360870		13,820				99.3	99.3	99.4	0.1
	1360880		50	466	6.4				
360880		13,895				100.6	100.6	100.9	0.3
	9360900		47	666	2.4				
360900		14,845				102.5	102.5	102.5	0.0
	1360920		50	479	9.2				
360920		14,895				106.4	106.4	106.5	0.1
	9360950		60	481	1.6				
360950		16,270				108.0	108.0	108.0	0.0
	1360960		70	481	5.4				
360960		16,320				109.5	109.5	109.5	0.0
	9360970		109	494	1.1				
360970		16,880				109.9	109.9	109.9	0.0
	9361000		169	501	0.8				
361000		18,345				110.2	110.2	110.2	0.0
	9361200		68	354	0.9				
361200		19,195				110.7	110.7	110.7	0.0
	9361280		34	383	4.2				
361280		20,530				112.6	112.6	112.6	0.0
	1361400		40	382	6.8				
361400		20,580				114.5	114.5	114.5	0.0
	9361420		75	232	0.7				

[1]Feet above confluence with Pemberton Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SPARTMAN BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
361420		20,730				114.5	114.5	114.5	0.0
	1361440		70	232	2.3				
361440		20,790				114.6	114.6	114.6	0.0
	9361460		73	232	1.5				
361460		21,575				114.7	114.7	114.7	0.0
	9361480		35	232	3.4				
361480		21,890				114.7	114.7	114.7	0.0
	1361500		65	150	1.2				
361500		21,915				114.7	114.7	114.7	0.0
	9361570		94	987	2.6				
361570		24,015				114.7	114.7	114.7	0.0
	1361580		50	275	6.8				
361580		24,105				120.8	120.8	120.8	0.0
	9361600		68	282	0.5				
361600		25,405				120.8	120.8	120.8	0.0
	9361640		68	185	0.5				
361640		26,435				120.8	120.8	120.8	0.0
	9361680		101	158	0.2				
361680		27,010				120.8	120.8	120.8	0.0
	1361700		75	155	5.4				
361700		27,085				120.8	120.8	120.8	0.0
	9361750		127	155	5.4				
361740		28,800				121.7	121.7	121.7	0.0
	1361750		20	116	4.9				
361750		29,856				123.5	123.5	123.5	0.0
	9361760		77	116	1.6				
361760		30,237				123.7	123.7	123.7	0.0
	1361900		100	116	5.5				
361900		30,298				125.4	125.4	125.4	0.0

[1]Feet above confluence with Pemberton Creek

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
420050[1]		0				*	5.2[4]	N/A	N/A
	9410000[1]		N/A	N/A	N/A				
410000[1]		1,760				*	5.3[4]	N/A	N/A
	1410010[1]		N/A	N/A	N/A				
410010[1]		1,800				*	5.4[4]	N/A	N/A
	9410030[1]		N/A	N/A	N/A				
410030[1]		5,795				*	9.1[4]	N/A	N/A
	1410040[1]		N/A	N/A	N/A				
410040[1]		5,880				*	9.3[4]	N/A	N/A
	9410050		87	2,580	3.0				
410050		7,070				12.1[3]	9.8[4]	10.7	0.9
	9410060		89	2,570	2.9				
410060		8,110				12.3[3]	10.3[4]	11.3	1.0
	9410070		90	2,560	2.7				
410070		9,910				12.7[3]	11.2[4]	12.2	1.0
	9410080		91	2,110	2.2				
410080		11,330				13.0[3]	1.8[4]	12.7	0.9
	9410090		54	2,110	4.3				
410090		11,576				15.3[3]	15.1[4]	15.6	0.5
	1410100		55	1,870	4.3				
410100		11,726				16.7[3]	15.6[4]	16.1	0.5
	9410110		85	2,090	0.0				
410110		12,911				18.0	18.0	18.5	0.5
	1410120		55	548	2.4				

[1]Floodway not shown
[2]Feet above confluence with Rocky Creek
[3]Combined coastal and riverine effects from Old Tampa Bay and Sweetwater Creek
[4]Elevation computed without consideration of backwater effects from Old Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SWEETWATER CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
410120		12,966				18.1	18.1	18.7	0.6
	9410130		120	1,280	0.1				
410130		13,616				19.2	19.2	19.8	0.6
	9410140		250	1,270	1.4				
410140		16,466				19.5	19.5	20.0	0.5
	9410150		300	1,240	1.2				
410150		17,841				20.7	20.7	21.3	0.6
	1410160		156	408	7.8				
410160		17,992				22.2	22.2	22.9	0.7
	1410170		130	612	7.8				
410170		18,252				23.6	23.6	24.6	1.0
	1410180		20	159	1.1				
410180		18,398				26.2	26.2	26.4	0.2
	9410190		196	274	0.1				
410190		20,828				26.3	26.3	26.6	0.3
	1410210		28	289	4.6				
410210		20,868				26.3	26.3	26.6	0.3
	9410215		182	1,330	3.1				
410215		22,043				29.2	29.2	29.3	0.1
	9410218		202	1,240	1.9				
410218		22,743				29.9	29.9	30.7	0.8
	9410220		50	1,160	2.0				
410220		24,443				31.9	31.9	32.3	0.4
	1410230		60	279	3.2				
410230		24,483				32.1	32.1	32.4	0.3
	9410235		200	1,160	2.2				

[1]Feet above confluence with Rocky Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SWEETWATER CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
410235		24,933				32.4	32.4	33.0	0.6
	1410240		18	264	3.5				
410240		25,058				32.6	32.6	33.2	0.6
	9410250		144	979	2.0				
410250		26,508				33.9	33.9	34.5	0.6
	1410270		100	247	2.0				
410270		26,708				34.1	34.1	34.6	0.5
	9410280		88	747	1.3				
410280		27,758				34.5	34.5	35.0	0.5
	1410284		50	747	2.1				
410284		27,869				35.2	35.2	35.7	0.5
	9410300		89	705	2.7				
410300		28,809				36.0	36.0	36.3	0.3
	1410310		95	705	1.4				
410310		28,995				36.2	36.2	36.5	0.3
	9410320		90	690	1.4				
410320		29,530				36.6	36.6	36.6	0.0
	1410330		93	690	1.4				
410330		29,681				36.6	36.6	36.7	0.1
	9410338		155	604	1.0				
410338		30,421				36.8	36.8	36.9	0.1
	9410339		79	572	1.8				
410339		31,221				37.4	37.4	37.6	0.2
	9410340		120	571	1.3				
410340		32,271				37.8	37.8	38.1	0.3
	1410350		400	571	*				

[1]Feet above confluence with Rocky Creek

*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SWEETWATER CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
410350		32,322				38.2	38.2	38.3	0.1
	9410370		80	558	1.9				
410370		34,007				39.1	39.1	39.8	0.7
	1410380		85	182	1.0				
410380		34,038				39.1	39.1	39.8	0.7
	9410390		210	442	3.2				
410390		34,708				40.2	40.2	40.3	0.1
	1410400		40	219	4.8				
410400		34,874				40.9	40.9	41.0	0.1
	9410410		47	439	1.8				
410410		36,424				42.4	42.4	42.4	0.0
	1410420		20	428	2.8				
410420		36,454				42.5	42.5	42.6	0.1
	9410430		21	427	2.9				
410430		36,889				43.2	43.2	43.2	0.0
	1410440		60	424	2.6				
410440		36,964				43.4	43.4	43.4	0.0

[1]Feet above confluence with Rocky Creek

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
410120		0				18.1	18.1	18.7	0.6
	9414050		60	548	2.4				
414050		2,175				20.1	20.1	20.4	0.3
	414100		130	927	2.6				
414100		2,610				23.0	23.0	23.0	0.0
	1414150		135	721	0				
414150		2,745				23.2	23.2	23.2	0.0
	9414200		100	235	6.78				
414200		5,005				26.0	26.0	26.0	0.0
	414250		160	762	2.33				
414250		5,427				28.5	28.5	28.5	0.0
	1414300		370	753	0.00				
414300		5,481				28.5	28.5	28.5	0.0
	9414350		178	116	1.33				
414350		7,252				29.1	29.1	29.1	0.0
	9414400		60	738	1.86				
414400		8,381				29.6	29.6	29.6	0.0
	1414450		52	809	2.29				
414450		8,457				29.6	29.6	29.6	0.0
	9414600		57	373	1.42				
414600		9,341				29.9	29.9	29.9	0.0
	1414650		52	499	1.53				
414650		9,381				29.9	29.9	29.9	0.0
	9414700		66	421	1.63				
414700		10,881				30.1	30.1	30.1	0.0
	9414750		50	282	1.05				

[1]Feet above confluence with Sweetwater Creek

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
414750		12,491				30.1	30.1	30.1	0.0
	414800		38	194	0.71				
414800		12,552				30.3	30.3	30.3	0.0
	9414850		335	159	0				
414850		13,352				30.3	30.3	30.3	0.0

[1]Feet above confluence with Sweetwater Creek

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
810532		0				24.1	24.1	24.7	0.6
	9814000		97	1,520	3.5				
814000		1,439				27.2	27.2	27.2	0.0
	9814010		101	1,310	3.6				
814010		4,956				34.0	34.0	34.0	0.0
	9814020		60	1,040	4.1				
814020		5,827				41.6	41.6	41.7	0.1
	1814050		67	1,040	5.5				
814050		5,894				42.4	42.4	42.5	0.1

[1]Feet above confluence with Bullfrog Creek

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
100022-100006*									
610450		24,925				16.5	16.5	16.6	0.1
	9610450		400	6,940	1.1				
610500		29,275				16.5	16.5	16.6	0.1
	9610500		450	7,060	1.0				
610550		31,810				16.6	16.6	16.6	0.0
	9610550		440	6,530	1.0				
610600		31,940				19.3	19.3	19.5	0.2
	9610600		230	6,260	0.0				
610625		33,600				19.4	19.4	19.6	0.2
	9610625		390	6,250	1.8				
610650		33,726				25.8	25.8	26.0	0.2
	9610650		220	6,250	0.0				
610700		34,377				33.4	33.4	34.4	1.0
	9610701		250	6,250	0.0				
610750		40,192				34.7	34.7	35.6	0.9
	9610750		290	6,250	1.3				
610800		44,322				34.7	34.7	35.7	1.0
	9610800		300	6,250	1.2				
610850		45,490				34.8	34.8	34.8	0.0
	9610850								

[1]Feet above Gate S-160
*No floodway data computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TAMPA BYPASS CANAL

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
680520		0				83.1	83.1	83.1	0.0
	9682050		74	536	3.45				
682050		4,137				87.4	87.4	87.4	0.0
	9682100		75	488	1.78				
682100		5,322				87.8	87.8	88.0	0.2
	9682125		53	349	2.49				
682125		5,603				87.9	87.9	87.9	0.0
	1682150		49	315	7.29				
682150		5,958				89.1	89.1	89.1	0.0
	9682200		33	343	2.66				
682200		7,081				89.5	89.5	89.8	0.3
	9682225		49	342	3.29				
682225		7,296				89.8	89.8	89.9	0.1
	1682250		61	342	11.08				
682250		7,329				94.0	94.0	94.1	0.1
	9682310		85	363	1.0				
682310		9,651				94.4	94.4	94.5	0.1
	9682320		39	509	1.84				
682320		10,529				94.5	94.5	94.7	0.2
	9682325		33	509	2.6				
682325		11,618				94.8	94.8	95.1	0.3
	9682330		52	509	1.99				
682330		12,187				94.9	94.9	95.1	0.2
	9682350		46	509	2.94				
682350		12,946				95.0	95.0	95.2	0.2
	9682375		146	299	0.62				

[1]Feet above confluence with Blackwater Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TIGER CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
682375		14,417				95.0	95.0	95.2	0.2
	9682400		28	296	3.59				
682400		15,852				97.0	97.0	97.0	0.0
	1682450		25	122	2.53				
682450		18,268				99.2	99.2	99.2	0.0
	1682500		25	118	6.35				
682500						99.8	99.8	99.8	0.0

[1]Feet above confluence with Blackwater Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TIGER CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
605100		0				35.3	29.7[2]	30.3	0.6
	9630000		282	2,510	2.74				
630000		7,413				35.3	34.2[2]	35.0	0.8
	9630025		348	2,520	1.24				
630025		11,059				35.5	35.5	36.2	0.7
	9630050		631	2,510	1.68				
630050		12,867				36.8	36.8	37.0	0.2
	9630060		689	2,330	1.27				
630060		14,196				37.2	37.2	37.4	0.2
	9630070		476	2,330	1.47				
630070		15,622				38.1	38.1	38.2	0.1
	9630075		479	2,330	1.18				
630075		16,868				38.4	38.4	38.5	0.1
	9630085		546	2,110	1.45				
630085		18,245				39.2	39.2	39.3	0.1
	9630100		248	2,110	2.0				
630100		19,420				40.2	40.2	40.7	0.5
	9630105		236	1,770	1.13				
630105		20,403				40.6	40.6	40.8	0.2
	9630110		396	1,770	1.31				
630110		21,131				41.1	41.1	41.4	0.3
	9630115		403	1,770	1.11				
630115		21,585				41.4	41.4	41.7	0.3
	1630120		*	1,060	8.32				
630120		21,773				41.7	41.7	41.8	0.1
	9630125		414	1,760	1.31				

[1]Feet above confluence with Hillsborough River
[2]Elevation computed without consideration of backwater effects from Hillsborough River
*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TROUT CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
630125		22,303				41.8	41.8	42.2	0.4
	9630130		531	1,760	1.38				
630130		23,773				42.4	42.4	42.7	0.3
	9630140		580	1,680	0.95				
630140		25,308				42.9	42.9	43.0	0.1
	9630145		570	1,680	1.06				
630145		26,917				43.1	43.1	43.3	0.2
	9630150		401	1,680	1.28				
630150		28,112				43.5	43.5	43.8	0.3
	9630160		581	1,590	0.7				
630160		29,296				43.7	43.7	44.0	0.3
	9630170		655	1,590	1.58				
630170		30,135				43.8	43.8	44.2	0.4
	9630175		248	1,540	2.95				
630175		31,021				46.1	46.1	46.5	0.4
	9630180		371	1,540	0.73				
630180		31,896				46.3	46.3	46.7	0.4
	9630190		281	1,510	1.1				
630190		33,035				46.5	46.5	46.9	0.4
	9630200		336	1,500	1.23				
630200		34,105				47.0	47.0	47.5	0.5
	9630215		424	1,500	0.88				
630215		35,379				47.3	47.3	47.9	0.6
	9630220		328	1,500	2.28				
630220		35,513				47.7	47.7	48.1	0.4
	9630225		336	1,500	2.03				

[1]Feet above confluence with Hillsborough River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TROUT CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
630225		35,931				47.8	47.8	48.3	0.5
	630230		506	1,500	0.87				
630230		37,051				48.4	48.4	48.7	0.3
	630240		1,017	1,500	0.42				
630240		37,445				48.5	48.5	48.7	0.2

[1]Feet above confluence with Hillsborough River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TROUT CREEK

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
810420		0				22.8	22.0[2]	23.5	0.7
	9812230		55	915	3.9				
812230		1,552				22.8	22.1[2]	22.2	0.1
	9812250		15	547	4.2				
812250		2,191				35.2	35.2	35.7	0.5
	9812260		17	460	2.7				
812260		3,306				39.4	39.4	39.4	0.0

[1]Feet above confluence with Bullfrog Creek

[2]Elevation computed without consideration of backwater effects from Bullfrog Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TUCKER RHODINE

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
605750		0				37.0	37.0	37.2	0.2
	9665030		214	1,260	2.66				
665030		9,360				42.1	42.1	42.7	0.6
	9665040		*	920	3.31				
665040		9,707				42.7	42.7	43.4	0.7
	1665050		*	464	10.42				
665050		9,802				46.6	46.6	46.9	0.3
	9665100		214	723	2.02				
665100		13,627				50.4	50.4	50.5	0.1
	9665130		156	630	1.75				
665130		15,186				52.1	52.1	52.1	0.0
	9665190		59	575	2.72				
665190		17,038				55.0	55.0	55.3	0.3
	9665200		141	82.3	7.02				
665200		17,040				56.5	56.5	56.5	0.0
	9665290		141	82.3	7.02				
665290		19,781				60.9	60.9	61.0	0.1
	1665300		190	79.6	6.85				
665300		19,799				63.6	63.6	63.6	0.0
	9665390		277	531	0.83				
665390		22,729				64.4	64.4	64.6	0.2
	1665400		116	82.3	7.09				
665400		22,795				66.1	66.1	66.1	0.0
	6665500		184	15.2	0.0				
665500		25,036				69.4	69.4	69.4	0.0
	9665600		76	104	1.09				

[1]Feet above confluence with Hillsborough River

*Data not available

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TWO HOLE BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
665600		27,076				72.6	72.6	72.6	0.0
	6665701		136	77.6	0				
665700		28,704				75.3	75.3	75.3	0.0
	9665750		162	465	1.38				
665750		29,595				76.1	76.1	76.6	0.5
	9665790		433	458	0.59				
665790		30,900				76.9	76.9	77.0	0.1
	1665800		290	9.59	2.96				
665800		30,967				77.0	77.0	77.0	0.0
	9665810		43	262	3.01				
665810		32,235				79.7	79.7	80.2	0.5
	9665830		46	262	3.94				
665830		33,738				81.3	81.3	81.4	0.1
	9665835		57	296	2.46				
665835		34,223				81.4	81.4	81.9	0.5
	9665840		50	296	3.68				
665840		34,518				83.5	83.5	83.5	0.0
	1665850		112	58.1	5.38				
665850		34,565				84.0	84.0	84.2	0.2
	9665860		146	292	0.96				
665860		34,729				84.0	84.0	84.0	0.0
	1665870		126	13.2	4.2				
665870		34,774				84.1	84.1	84.1	0.0
	9665890		10	95.8	2.22				
665890		35,671				84.9	84.9	85.5	0.6
	1665900		40	40.0	5.64				

[1]Feet above confluence with Hillsborough River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TWO HOLE BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
665900		35,713				85.4	85.4	85.4	0.0
	1665925		30	32.5	7.21				
665925		37,558				85.5	85.5	85.5	0.0
	9665950		84	250	1.49				
665950		39,930				89.1	89.1	89.2	0.1
	9665960		143	96.9	1.05				
665960		43,660				92.6	92.6	92.6	0.0

[1]Feet above confluence with Hillsborough River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TWO HOLE BRANCH

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
665500		0				69.4	69.4	69.4	0.0
	6667000		370	19.8	0.0				
667000		305				71.3	71.3	71.3	0.0
	1667100		370	13.7	4.74				
667100		1,766				71.7	71.7	71.7	0.0
	6667150		370	53.1	0.0				
667150		3,491				75.1	75.1	75.1	0.0
	6667200		370	22.1	0.0				
667200		4,158				75.1	75.1	75.1	0.0
	9667300		370	88.6	0.18				
667300		8,526				75.1	75.1	75.1	0.0
	1667500		208	19.9	6.55				
667500		8,574				75.1	75.1	75.1	0.0
	6667600		208	18.9	0.0				
667600		10,615				75.8	75.8	75.8	0.0
	9667610		184	57.0	0.17				
667610		11,135				75.8	75.8	75.8	0.0
	9667690		45	56.3	0.77				
667690		11,941				76.1	76.1	76.1	0.0
	1667700		37	29.5	5.22				
667700		12,009				76.8	76.8	76.8	0.0
	1667800		37	7.03	5.21				
667800		13,327				77.4	77.4	77.4	0.0
	9667890		5	0.0	0.0				
667890		16,338				77.4	77.4	77.4	0.0
	1667900		56	17.3	4.58				

[1]Feet above confluence with Two Hole Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TWO HOLE BRANCH TRIBUTARY 1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[1]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
667900		16,403				81.1	81.1	81.1	0.0
	1667905		56	5.89	4.33				
667905		17,404				81.2	81.2	81.5	0.3
	9667910		70	333.0	2.23				
667910		18,284				83.2	83.2	83.4	0.2
	1667920		61	74.5	5.69				
667920		18,346				83.5	83.5	83.8	0.3
	9667925		43	217	3.42				
667925		20,020				86.2	86.2	86.2	0.0
	9667940		88	186	2				
667940		24,786				92.0	92.0	92.0	0.0
	1667945		88	3.06	4.05				
667945		24,820				92.8	92.8	92.8	0.0
	6667950		88	57.3	0				
667950		28,125				96.6	96.6	96.6	0.0

[1]Feet above confluence with Two Hole Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TWO HOLE BRANCH TRIBUTARY 1

LOCATION			FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
JUNCTION NUMBER	CONDUIT NUMBER	DISTANCE[2]	WIDTH (FEET)	PEAK FLOW	VELOCITY	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
900400[1]		0				*	2.8[4]	N/A	N/A
	9915150		630	1,710	0.6				
915150		12,195				8.1[3]	3.6[4]	3.6	0.0
	9915165		187	1,530	1.9				
915165		14,360				10.4[3]	10.2[4]	10.2	0.0
	9915175		297	1,420	1.4				
915175		18,446				12.4	12.4	12.4	0.0
	1915250		200	1,420	1.4				
915250		22,574				13.3	13.3	13.3	0.0
	9915275		380	1,330	0.8				
915275		27,503				13.6	13.6	13.6	0.0
	1915300		225	1,330	0.8				
915300		32,463				14.1	14.1	14.1	0.0
	9915400		400	1,040	1.0				
915400		40,428				15.0	15.0	15.0	0.0

[1]Floodway not shown
[2]Feet above confluence with Little Manatee River
[3]Elevations computed without consideration of wave effects
[4]Elevations computed without consideration of backwater effects from Tampa Bay
*Controlled by coastal flooding – see Flood Insurance Rate Map for regulatory base flood elevation

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

HILLSBOROUGH COUNTY, FLORIDA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WILDCAT CREEK

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

[Not Applicable to this Flood Risk Project]

6.4 Coastal Flood Hazard Mapping

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

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

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

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

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

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

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

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

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

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

Table 25: Summary of Coastal Transect Mapping Considerations

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
1		N/A	VE 14, 16 AE 11-13	Wave Height	SWEL
2		N/A	VE 14, 16 AE 10-13	Wave Height	SWEL
3		N/A	VE 14, 16 AE 11-13	Wave Height	SWEL
4		N/A	VE 14, 16 AE 11-12	Wave Height	SWEL
5		N/A	VE 14, 16 AE 11-12	Wave Height	SWEL
6		N/A	VE 13-15 AE 11-13	Wave Height	SWEL
7		N/A	VE 13-14, 16 AE 11-13	Wave Height	SWEL
8		N/A	VE 13, 16 AE 11-13	Wave Height	SWEL
9		N/A	VE 13-14, 16 AE 11-13	Wave Height	SWEL
10		N/A	VE 16 AE 11-12	Wave Height	SWEL
11		N/A	VE 13, 16 AE 12-13	Wave Height	SWEL
12		N/A	VE 13, 16 AE 11-12	Wave Height	SWEL
13		N/A	VE 13, 16 AE 12	Wave Height	SWEL
14		N/A	VE 14, 16 AE 11-12	Wave Height	SWEL
15		N/A	VE 15-16 AE 11-12	Wave Height	SWEL
16		N/A	VE 13, 16 AE 11-12	Wave Height	SWEL
17		N/A	VE 16 AE 11-12	Wave Height	SWEL

Table 25: Summary of Coastal Transect Mapping Considerations (continued)

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
18		N/A	VE 15 AE 11-12	Wave Height	SWEL
19		N/A	VE 15 AE 11-12	Wave Height	SWEL
20		N/A	VE 15 AE 10-12	Wave Height	SWEL
21		N/A	VE 15 AE 10-12	Wave Height	SWEL
22		N/A	VE 15 AE 10-11	Wave Height	SWEL
23		N/A	VE 12-13, 15 AE 10-11	Wave Height	SWEL
24		N/A	VE 15 AE 10-12	Wave Height	SWEL
25		N/A	VE 15 AE 10-11	Wave Height	SWEL
26		N/A	VE 15 AE 10-11	Wave Height	SWEL
27		N/A	VE 15 AE 10-11	Wave Height	SWEL
28		N/A	VE 15 AE 10-11	Wave Height	SWEL
29		N/A	VE 14 AE 10-11	Wave Height	SWEL
30		VE 11	VE 14 AE 10-12	Wave Height	SWEL
31		VE 14	VE 14 AE 10-11	Runup	SWEL
32		N/A	VE 14 AE 10-11	Wave Height	SWEL
33		N/A	VE 14 AE 10-11	Wave Height	SWEL
34		N/A	VE 15 AE 10-11	Wave Height	SWEL
35		N/A	VE 15 AE 10-11	Wave Height	SWEL

Table 25: Summary of Coastal Transect Mapping Considerations (continued)

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
36		N/A	VE 15 AE 10-11	Wave Height	SWEL
37		N/A	VE 15 AE 10-12	Wave Height	SWEL
38		N/A	VE 13-15 AE 10-12	Wave Height	SWEL
39		N/A	VE 14-15 AE 10-12	Wave Height	SWEL
40		N/A	VE 15 AE 11-12	Wave Height	SWEL
41		N/A	VE 12-13, 15 AE 12	Wave Height	SWEL
42		N/A	VE 13, 15 AE 11-12	Wave Height	SWEL
43		N/A	VE 13-14 AE 11-12	Wave Height	SWEL
44		N/A	VE 13-14 AE 10-12	Wave Height	SWEL
45		N/A	VE 13-14 AE 10-12	Wave Height	SWEL
46		N/A	VE 13-14 AE 10-12	Wave Height	SWEL
47		N/A	VE 14 AE 10-12	Wave Height	SWEL
48		N/A	VE 15 AE 10-12	Wave Height	SWEL
49		N/A	VE 15 AE 10-12	Wave Height	SWEL
50		N/A	VE 15 AE 10-12	Wave Height	SWEL
51		N/A	VE 13, 15 AE 10-12	Wave Height	SWEL
52		N/A	VE 13, 15 AE 10-12	Wave Height	SWEL
53		N/A	VE 13, 15	Wave Height	SWEL
54		N/A	VE 13, 15 AE 11-12	Wave Height	SWEL

Table 25: Summary of Coastal Transect Mapping Considerations (continued)

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
55		N/A	VE 13, 15 AE 11-12	Wave Height	SWEL
56		N/A	VE 13, 16 AE 12	Wave Height	SWEL
57		N/A	VE 13, 16 AE 11-12	Wave Height	SWEL
58		N/A	VE 13, 16 AE 11-12	Wave Height	SWEL
59		N/A	VE 13, 16 AE 11-12	Wave Height	SWEL
60		N/A	VE 16 AE 11-12	Wave Height	SWEL
61		N/A	VE 16 AE 11-12	Wave Height	SWEL
62		N/A	VE 16 AE 11-12	Wave Height	SWEL
63		N/A	VE 16 AE 11-12	Wave Height	SWEL
64		N/A	VE 16 AE 11-12	Wave Height	SWEL
65		N/A	VE 13-16 AE 11-12	Wave Height	SWEL
66		N/A	VE 16 AE 12-13	Wave Height	SWEL
67		N/A	VE 16 AE 12	Wave Height	SWEL
68		N/A	VE 16 AE 11-13	Wave Height	SWEL
69		N/A	VE 16 AE 11-12	Wave Height	SWEL
70		N/A	VE 16 AE 12	Wave Height	SWEL
71		N/A	VE 13-14, 16 AE 11-13	Wave Height	SWEL
72		N/A	VE 14, 17 AE 11-13	Wave Height	SWEL

Table 25: Summary of Coastal Transect Mapping Considerations (continued)

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
73		N/A	VE 14, 17 AE 12	Wave Height	SWEL
74		N/A	VE 14, 17 AE 12-13	Wave Height	SWEL
75		N/A	VE 14, 17 AE 12-13	Wave Height	SWEL
76		N/A	VE 14, 17 AE 11-13	Wave Height	SWEL
77		N/A	VE 16 AE 11-13	Wave Height	SWEL
78		N/A	VE 14, 16 AE 12-13	Wave Height	SWEL
79		N/A	VE 14, 16 AE 12-13	Wave Height	SWEL
80		N/A	VE 14, 17 AE 12-13	Wave Height	SWEL
81		N/A	VE 14, 17 AE 12-13	Wave Height	SWEL
82		N/A	VE 14, 16 AE 11-12	Wave Height	SWEL
83		VE 19	VE 19 AE 11-13	Runup	SWEL
84		VE 18	VE 14, 18 AE 11-13	Runup	SWEL
85		N/A	VE 14-16 AE 11-13	Wave Height	SWEL
86		N/A	VE 14, 16 AE 11-12	Wave Height	SWEL
87		N/A	VE 14, 16 AE 11-13	Wave Height	SWEL
88		N/A	VE 14, 16 AE 11-12	Wave Height	SWEL
89		N/A	VE 14 AE 11-12	Wave Height	SWEL
90		N/A	VE 14-15 AE 11-12	Wave Height	SWEL

Table 25: Summary of Coastal Transect Mapping Considerations (continued)

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
91		N/A	VE 13, 15 AE 11-12	Wave Height	SWEL
92		VE15	VE 15 AE 10-11	Overtopping	SWEL
93		N/A	VE 15 AE 10-12	Wave Height	SWEL
94		N/A	VE 13, 15 AE 11-12	Wave Height	SWEL
95		N/A	VE 13, 15 AE 10-12	Wave Height	SWEL
96		N/A	VE 15 AE 10-12	Wave Height	SWEL
97		N/A	VE 15 AE 10-12	Wave Height	SWEL
98		N/A	VE 15 AE 9-11	Wave Height	SWEL
99		N/A	VE 12-14 AE 9-11	Wave Height	SWEL
100		N/A	VE 12, 14 AE 9-11	Wave Height	SWEL
101		N/A	VE 12, 14 AE 9-11	Wave Height	SWEL
102		N/A	VE 12, 14 AE 9-11	Wave Height	SWEL
103		N/A	VE 13, 14 AE 9-11	Wave Height	SWEL
104		N/A	VE 14 AE 9-11	Wave Height	SWEL
105		VE 11	VE 11	Runup	Runup
106		N/A	VE 11, 14 AE 9-11	Wave Height	SWEL
107		N/A	VE 11 AE 8-12	Wave Height	SWEL
108		N/A	VE 11, 13 AE 8-11	Wave Height	SWEL
109		N/A	VE 11, 14 AE 9-11	Wave Height	SWEL

Table 25: Summary of Coastal Transect Mapping Considerations (continued)

Coastal Transect	Primary Frontal Dune (PFD) Identified	Wave Runup Analysis	Wave Height Analysis	Zone VE Limit	SFHA Boundary
		Zone Designation and BFE (ft NAVD88)	Zone Designation and BFE (ft NAVD88)		
110		N/A	VE 11, 13 AE 9-10	Wave Height	SWEL
111		N/A	VE 11 AE 9-10	Wave Height	SWEL
112		N/A	VE 11, 13 AE 9-11	Wave Height	SWEL
113		N/A	VE 11 AE 9-11	Wave Height	SWEL
114		N/A	VE 11, 13 AE 8-10	Wave Height	SWEL
115		N/A	VE 11, 13 AE 8-10	Wave Height	SWEL
116		N/A	VE 11, 13 AE 8-10	Wave Height	SWEL
117		VE 16	N/A	Runup	Runup
118		VE 23	VE 23 AO 1 AE 10	Overtopping	SWEL

A LiMWA boundary has also been added in coastal areas subject to wave action for use by local communities in safe rebuilding practices. The LiMWA represents the approximate landward limit of the 1.5-foot breaking wave.

6.5 FIRM Revisions

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

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data

submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA.

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

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

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

6.5.2 Letters of Map Revision Based on Fill

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

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

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

6.5.3 Letters of Map Revision

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

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

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Hillsborough County FIRM are listed in Table 26. Please note that this table only includes LOMCs that have been issued on the FIRM panels updated by this map

revision. For all other areas within this county, users should be aware that revisions to the FIS Report made by prior LOMRs may not be reflected herein and users will need to continue to use the previously issued LOMRs to obtain the most current data.

Table 26: Incorporated Letters of Map Change

Case Number	Effective Date	Flooding Source	FIRM Panel(s)
17-04-1127P	04-04-2018	Bullfrog Creek	12057C0503J 12057C0504J 12057C0511J 12057C0515H[1]
16-04-3005P	09-26-2016	Pond 1 and Pond 2	12057C0656J
09-04-6115P	05-21-2010	Overland Connection	12057C0187J 12057C0191J

[1] Although a portion of LOMR 17-04-1127P falls within the scope of this map revision, panel 12057C0515H was not revised. Therefore, users must continue to refer to the annotated FIRM attachment for this LOMR for FIRM panel 12057C0515H.

6.5.4 Physical Map Revisions

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

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

For more information about the PMR process, please visit www.fema.gov and visit the "Flood Map Revision Processes" section.

6.5.5 Contracted Restudies

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

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Hillsborough County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBMs) and/or Flood Boundary and Floodway Maps (FBFMs) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 27, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.

- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 27 but not identified on the map, the community is treated as if it were unmapped.

- *Initial FHBM Effective Date* is the effective date of the first FHBM. This date may be the same date as the Initial NFIP Map Date.

- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.

- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community.

- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as PMRs of FIRM panels within the county are completed, the FIRM Revision Dates in the table for each community affected by the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Hillsborough County FIRMs in countywide format was 08/28/2008.

Table 27: Community Map History

Community Name	Initial Identification Date (First NFIP Map Published)	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Hillsborough County, Unincorporated Areas	06/17/1977	06/17/1977	N/A	06/18/1980	TBD 09/27/2013 08/28/2008 06/30/1999 08/03/1992 08/15/1989 01/16/1987 04/17/1984
Plant City, City of	06/28/1974	06/28/1974	02/20/1976	04/29/1983	08/28/2008
Tampa, City of	07/01/1977	07/01/1977	N/A	06/18/1980	TBD 09/27/2013 08/28/2008 09/30/1982
Temple Terrace, City of	07/19/1974	07/19/1974	02/27/1976	07/08/1977	08/28/2008 06/18/1990 08/19/1987