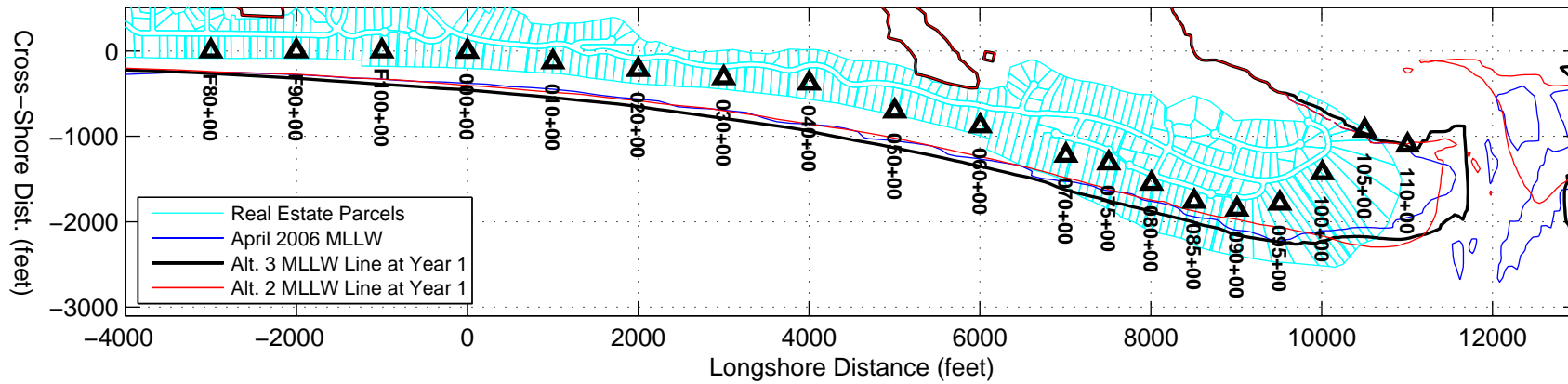


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 3: Rich Inlet Management and Beach Fill Based on April-June 2006 Cond.

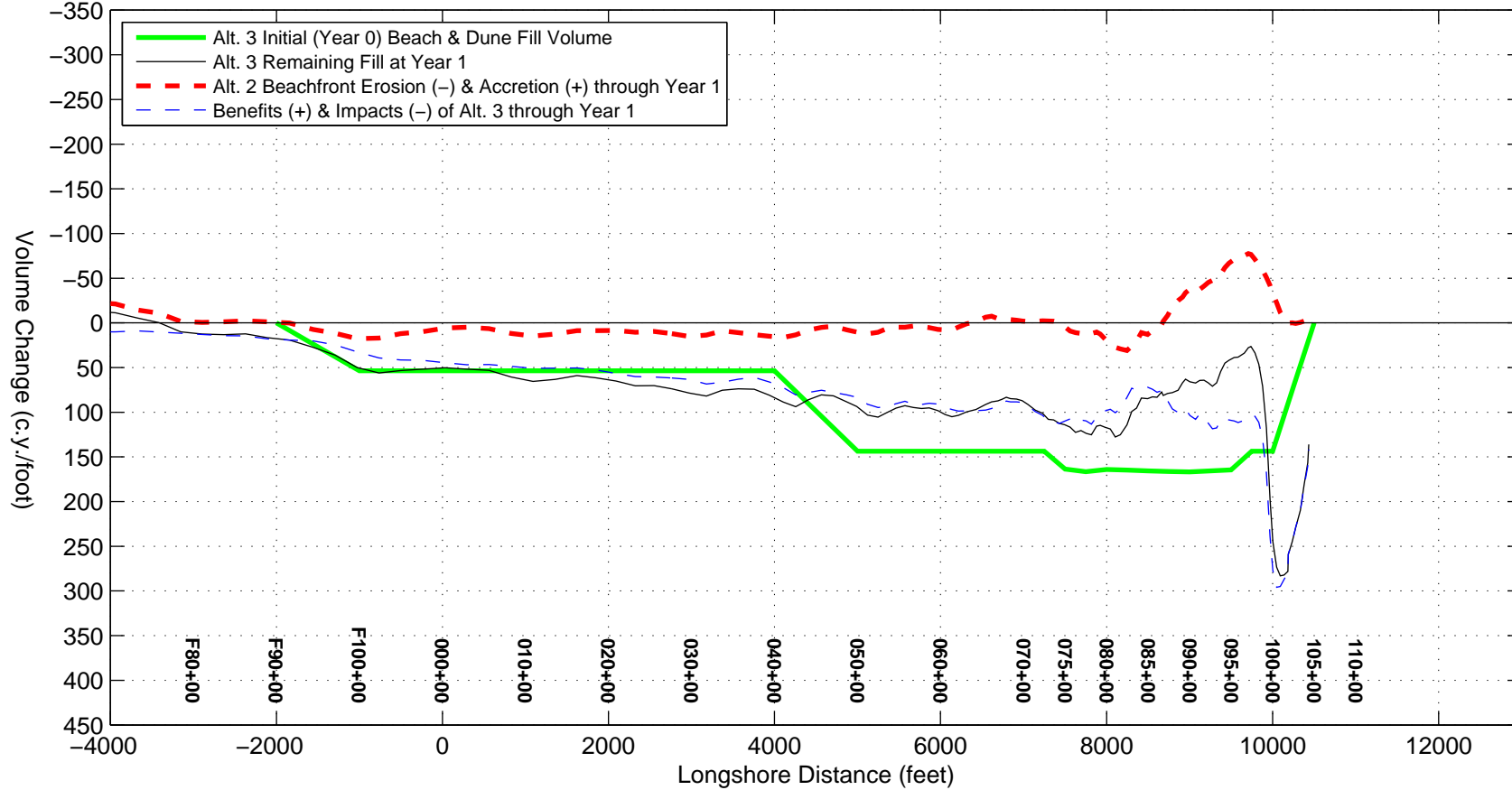
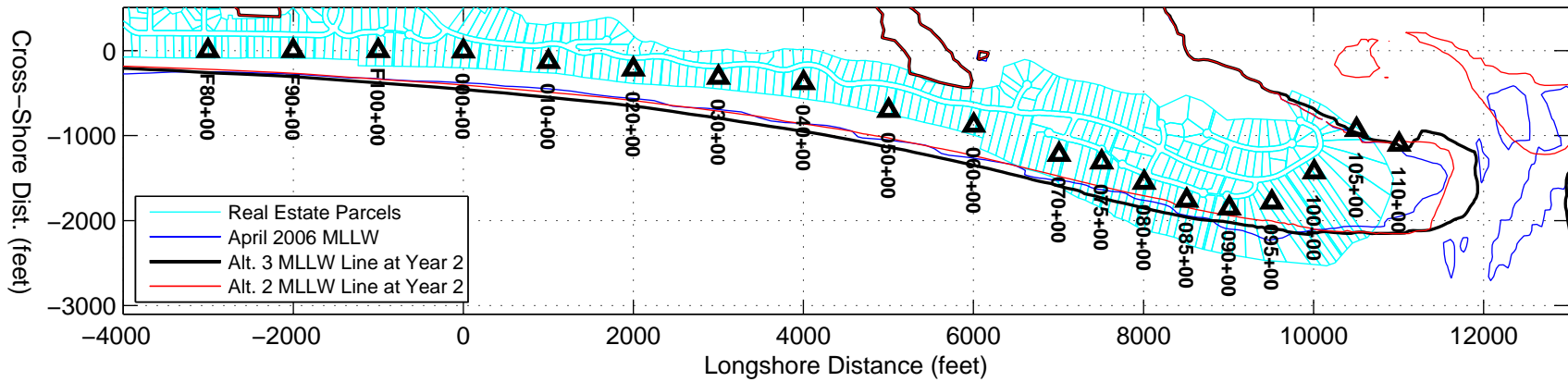


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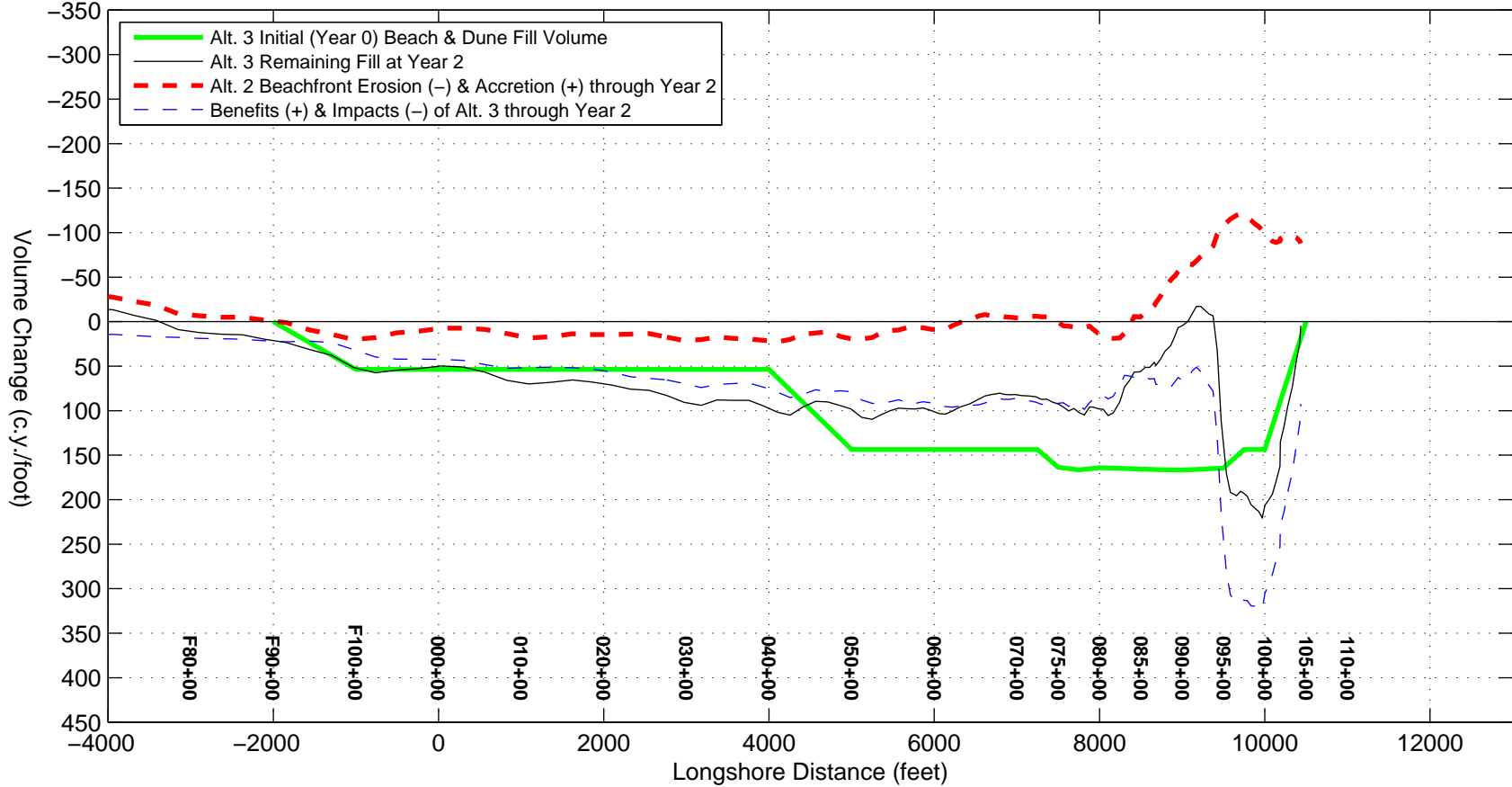
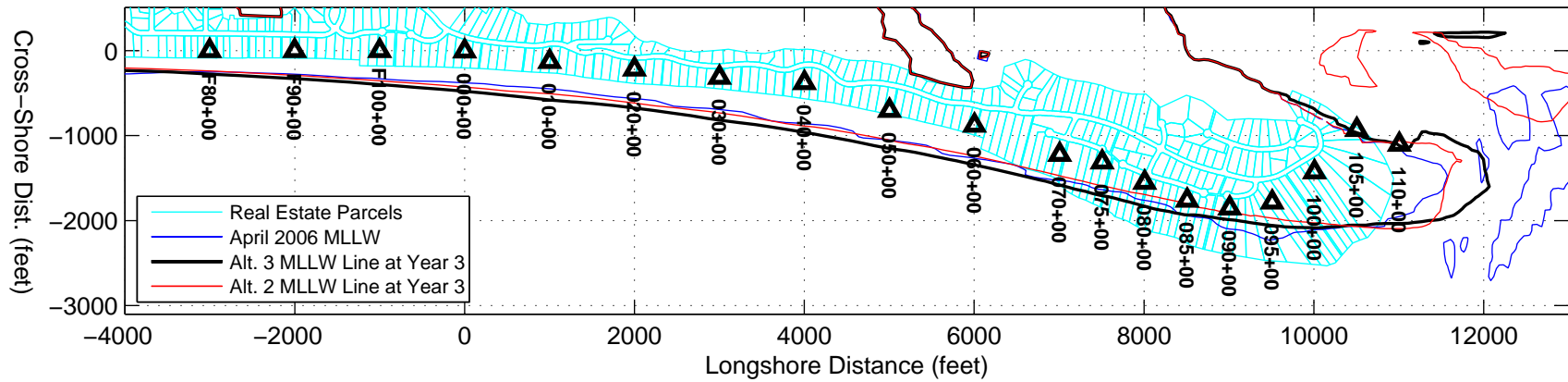


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Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 3: Rich Inlet Management and Beach Fill Based on April-June 2006 Cond.

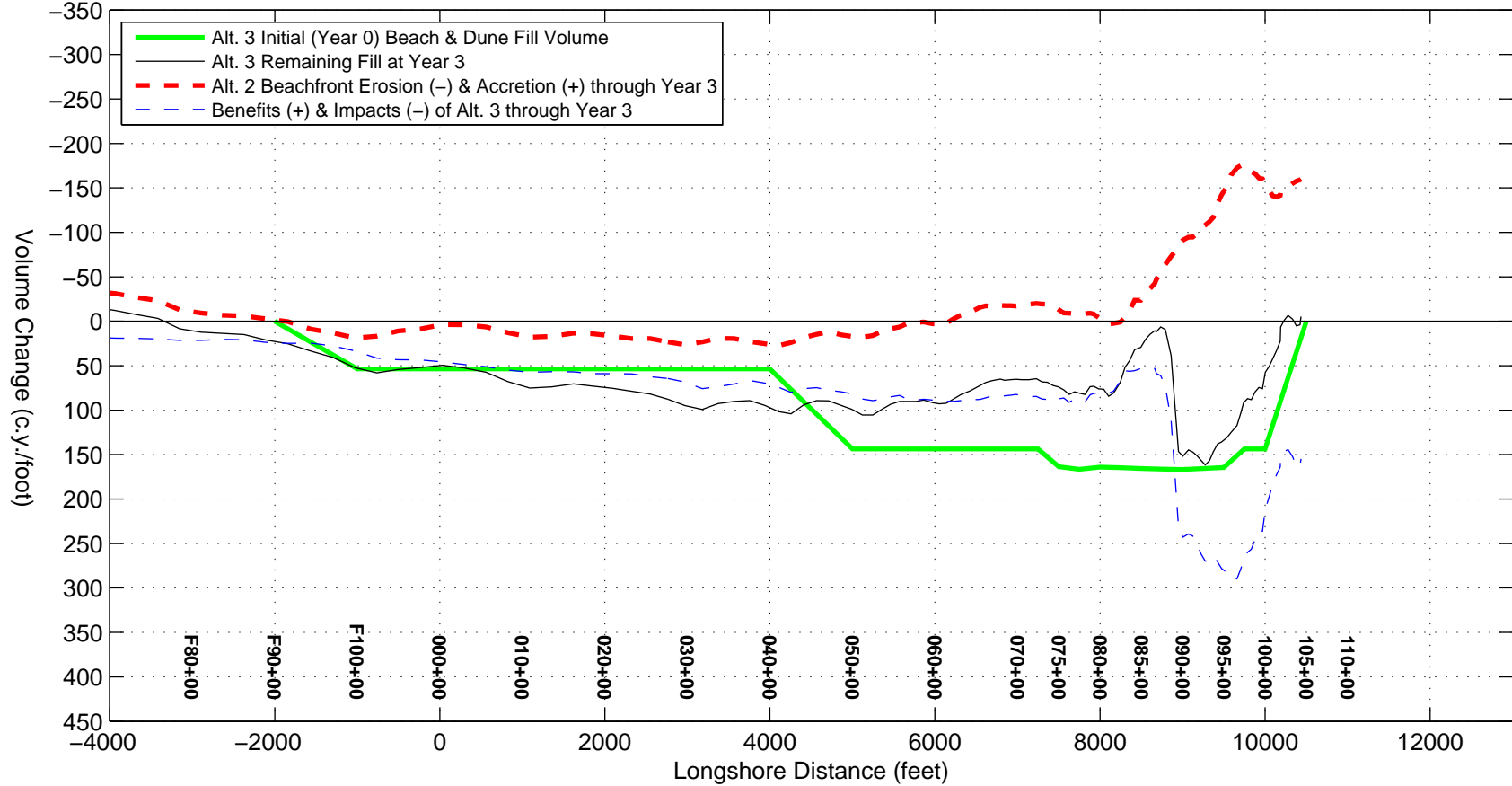
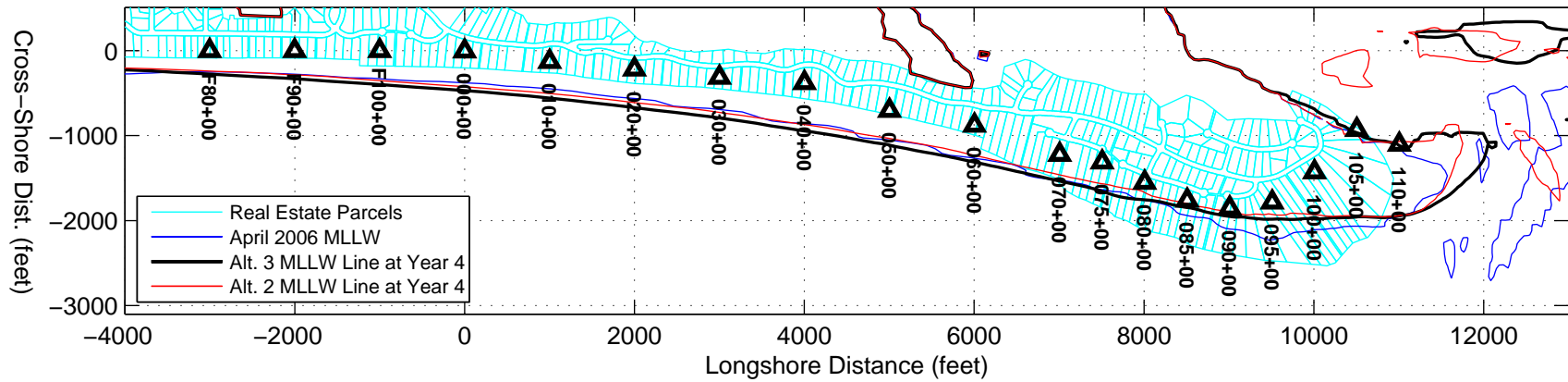


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



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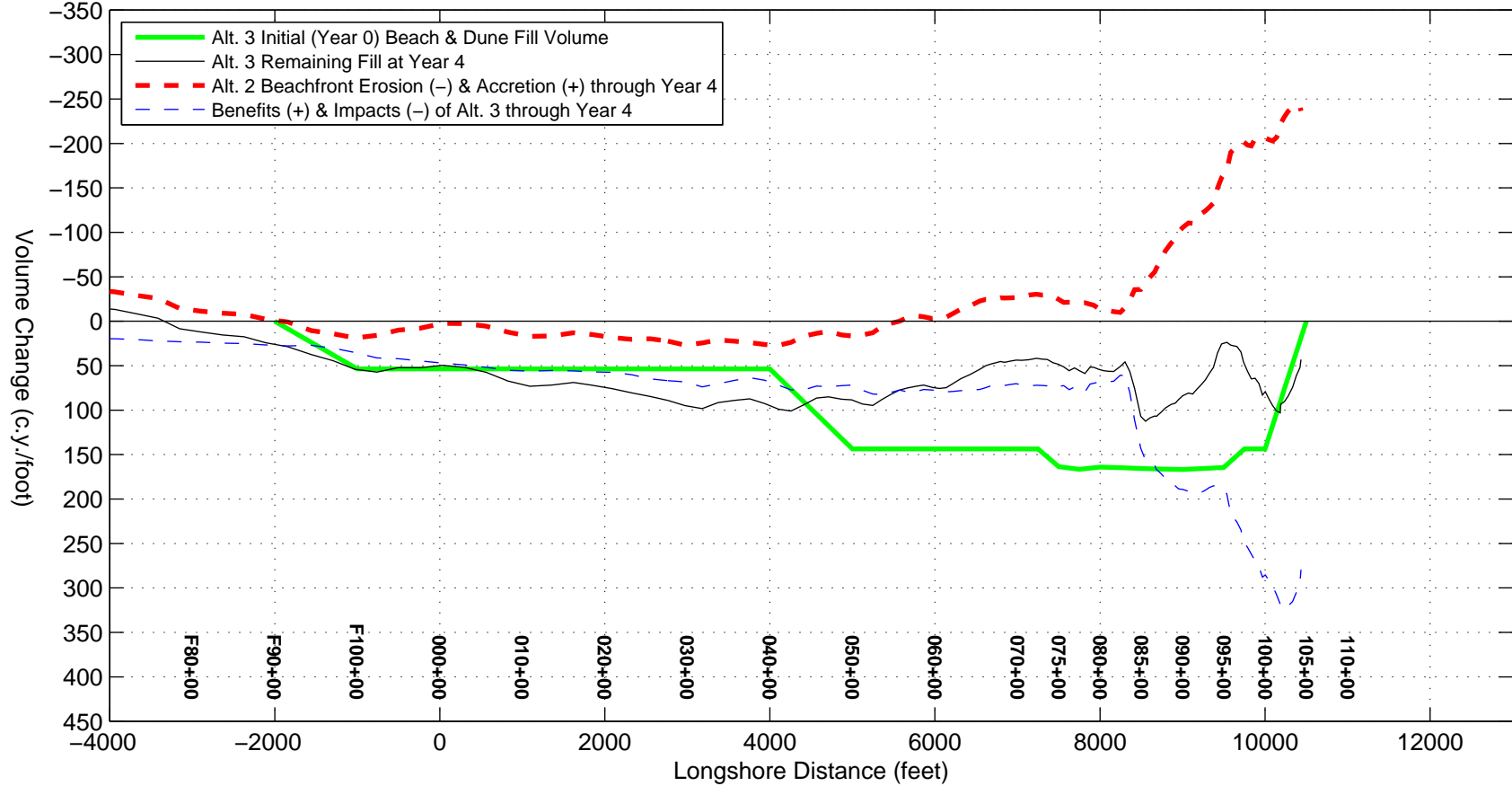
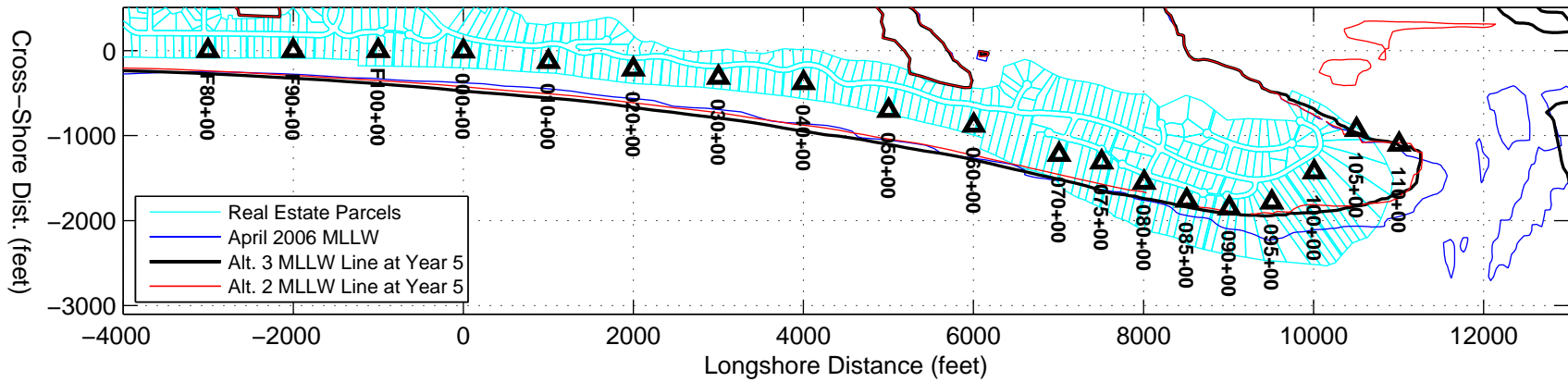


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



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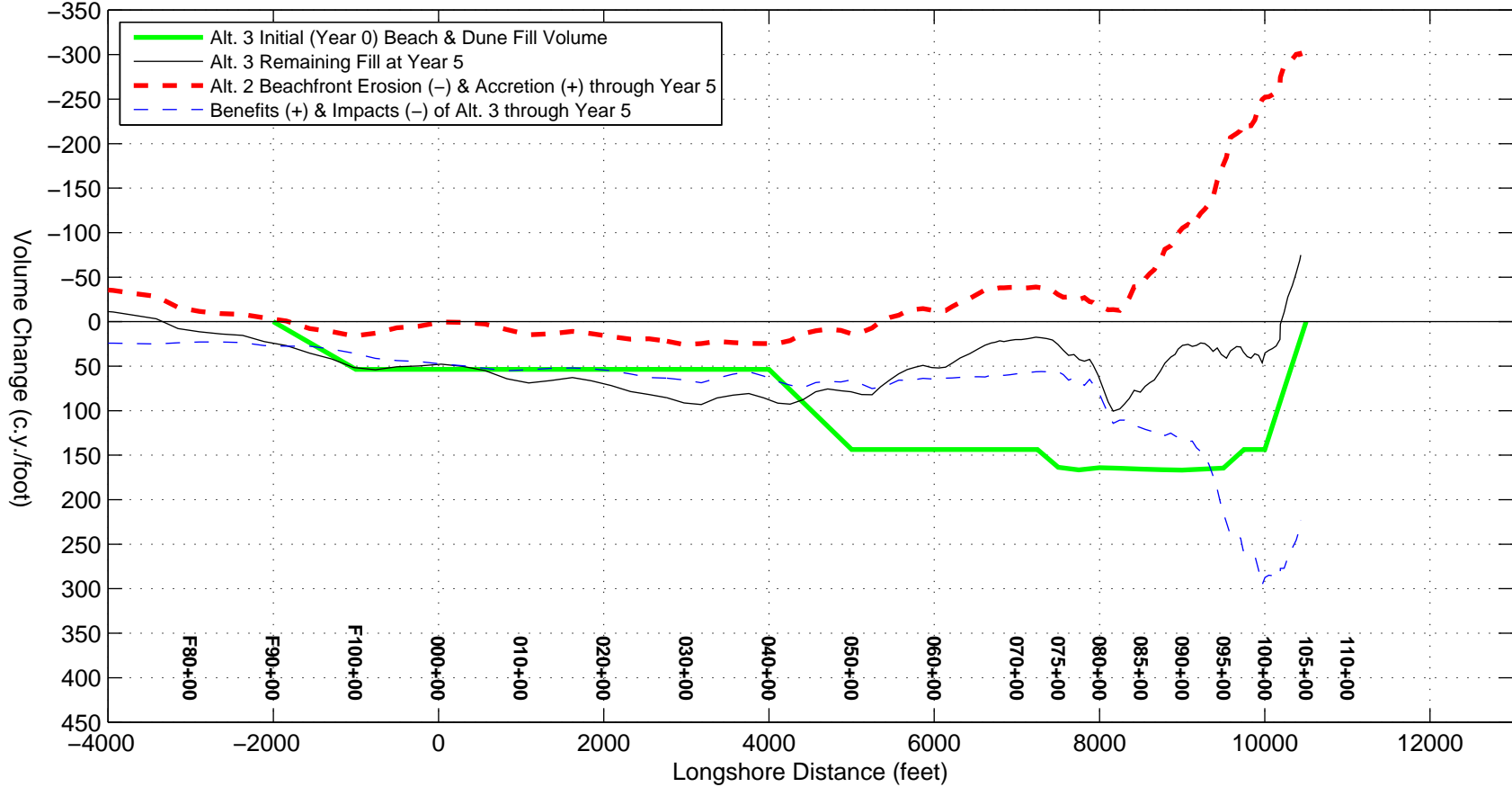
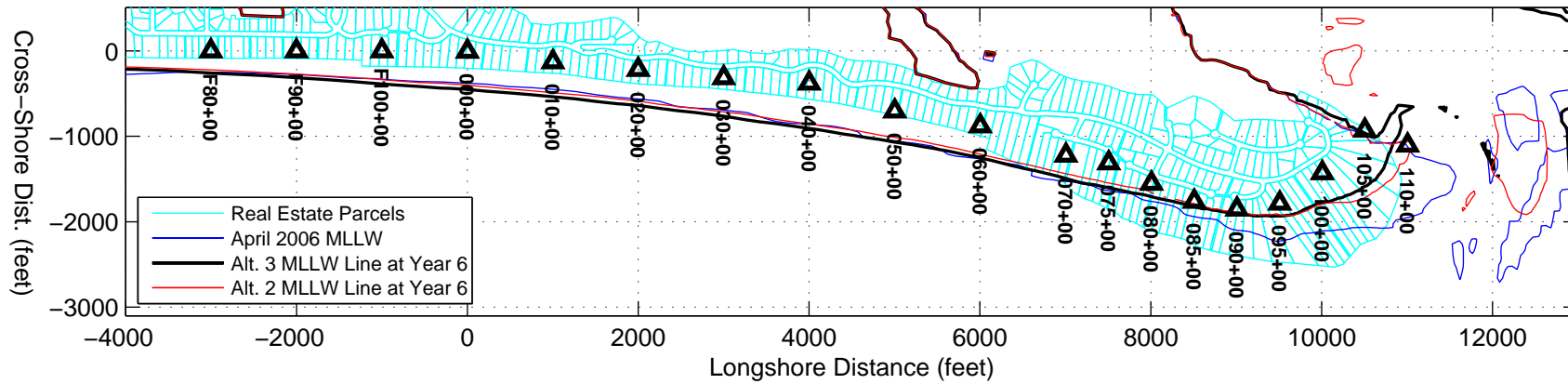


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 3: Rich Inlet Management and Beach Fill Based on April-June 2006 Cond.

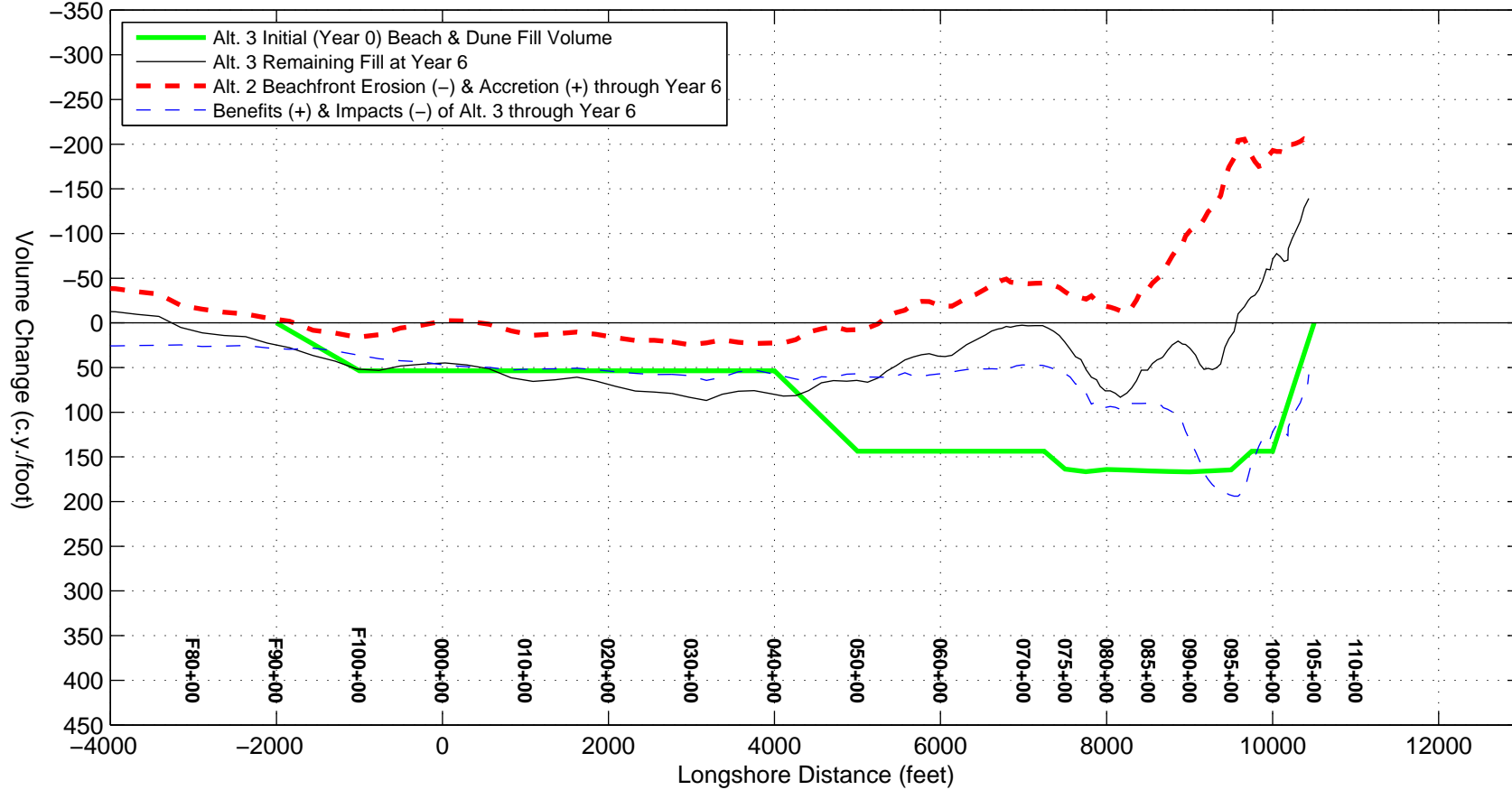
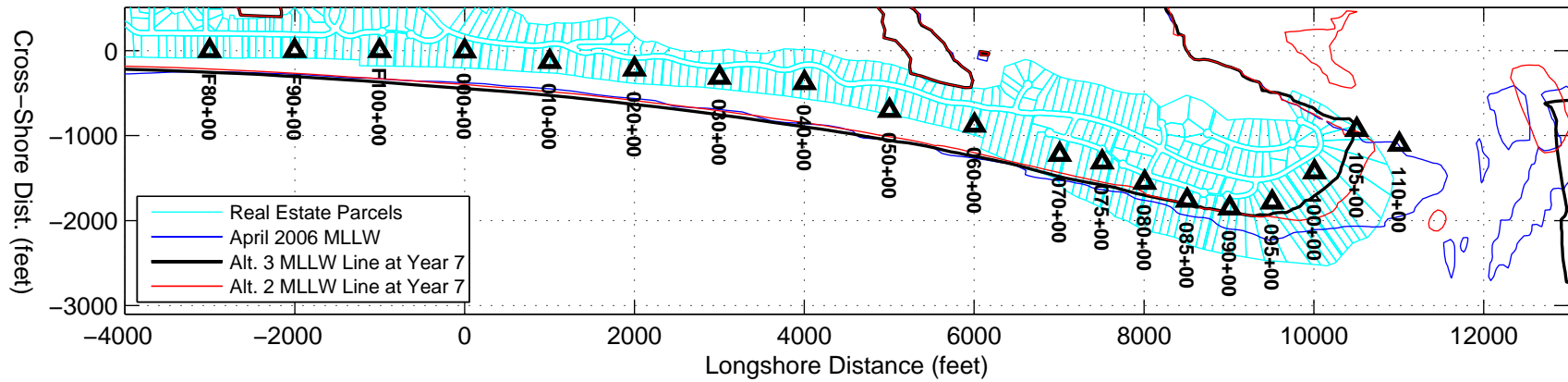


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 3: Rich Inlet Management and Beach Fill Based on April-June 2006 Cond.

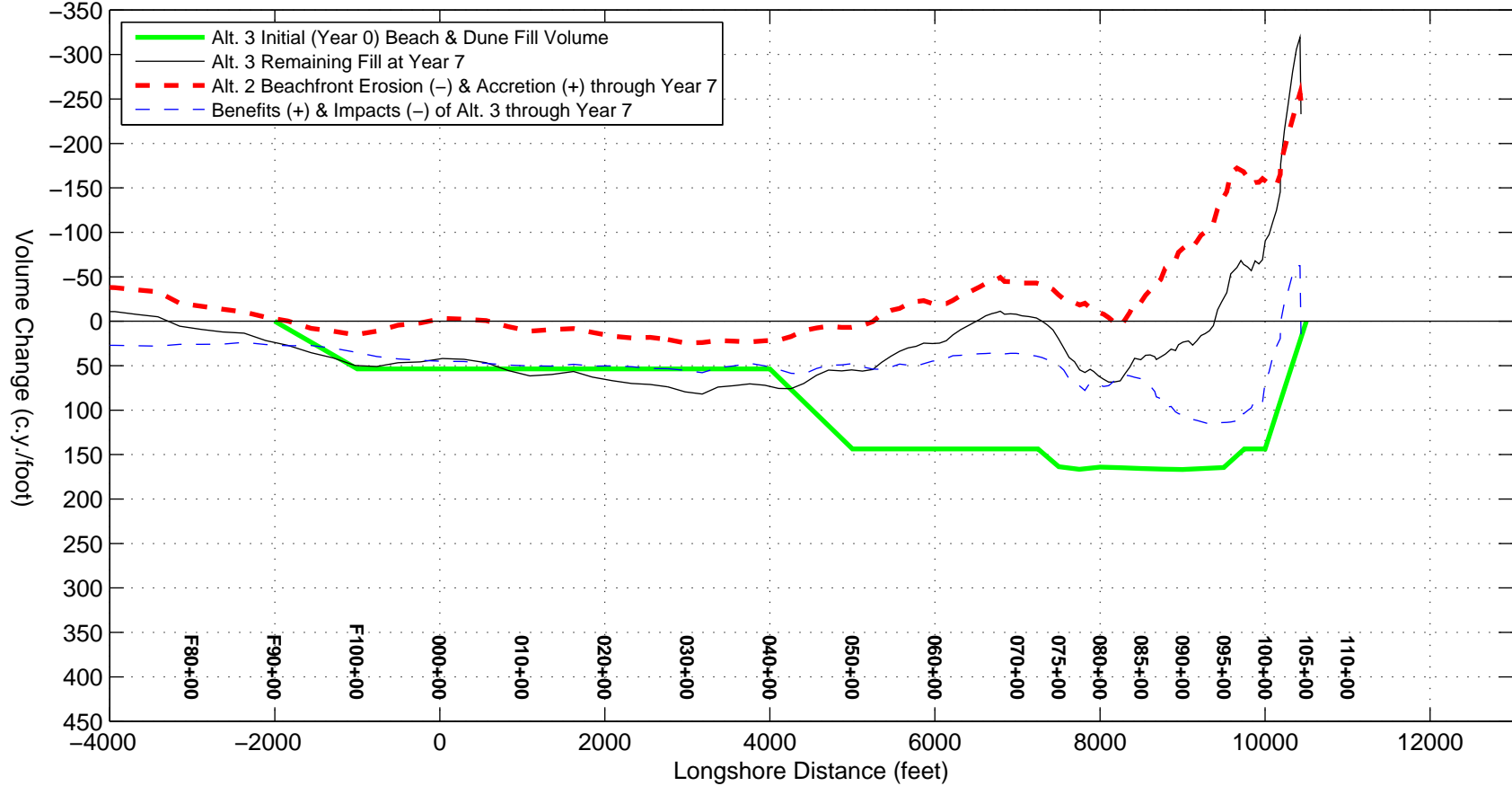
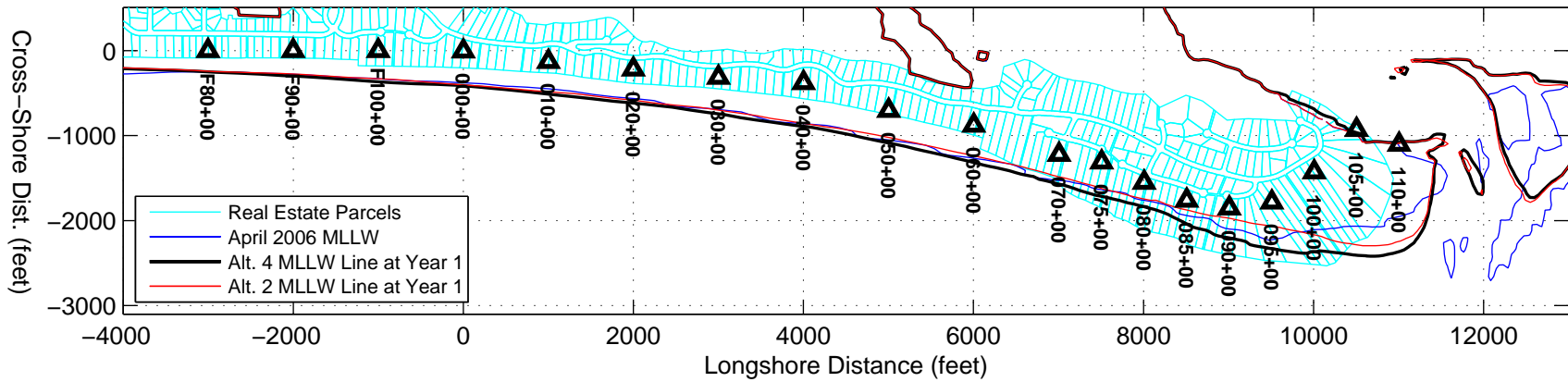


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

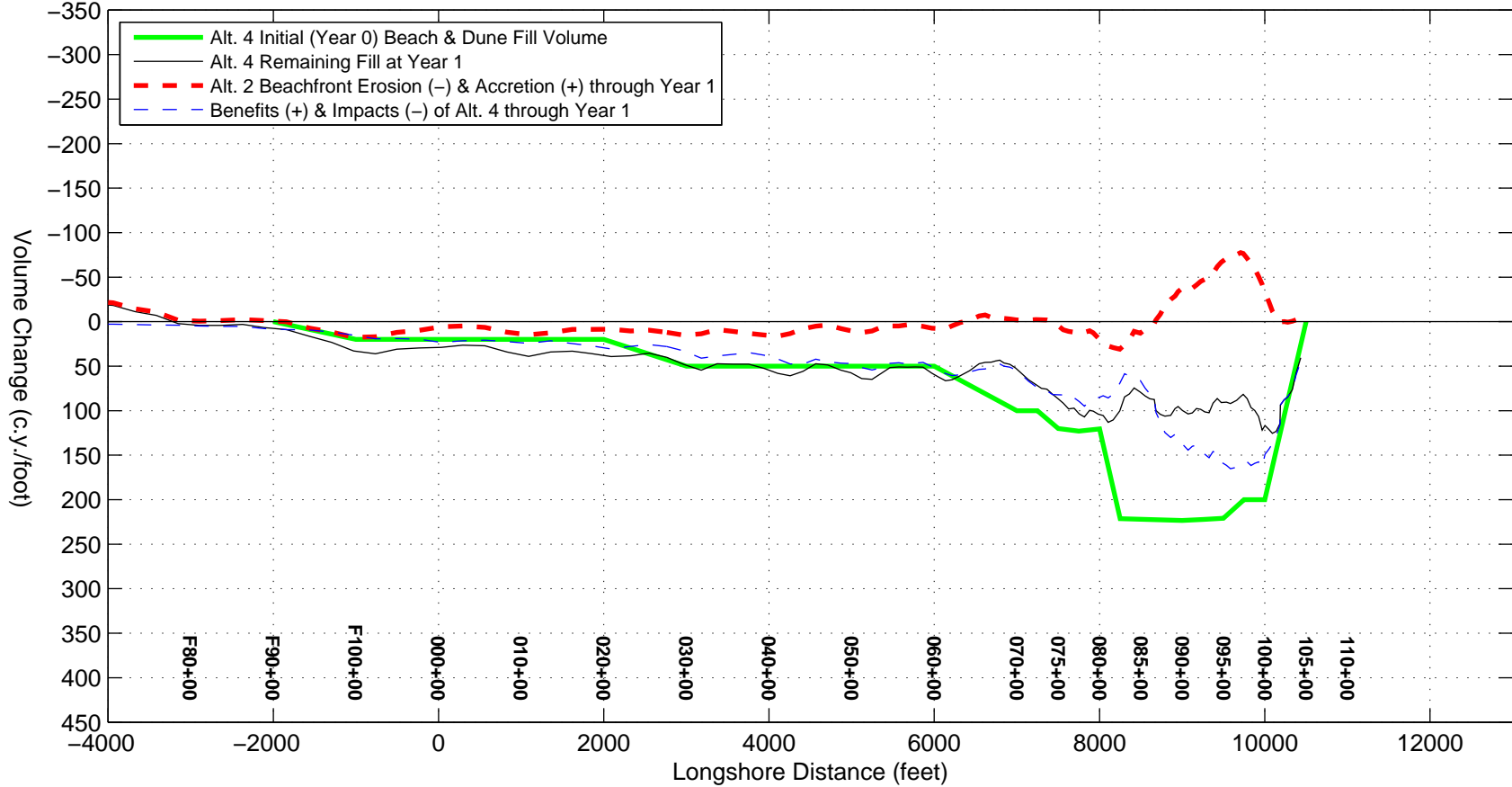
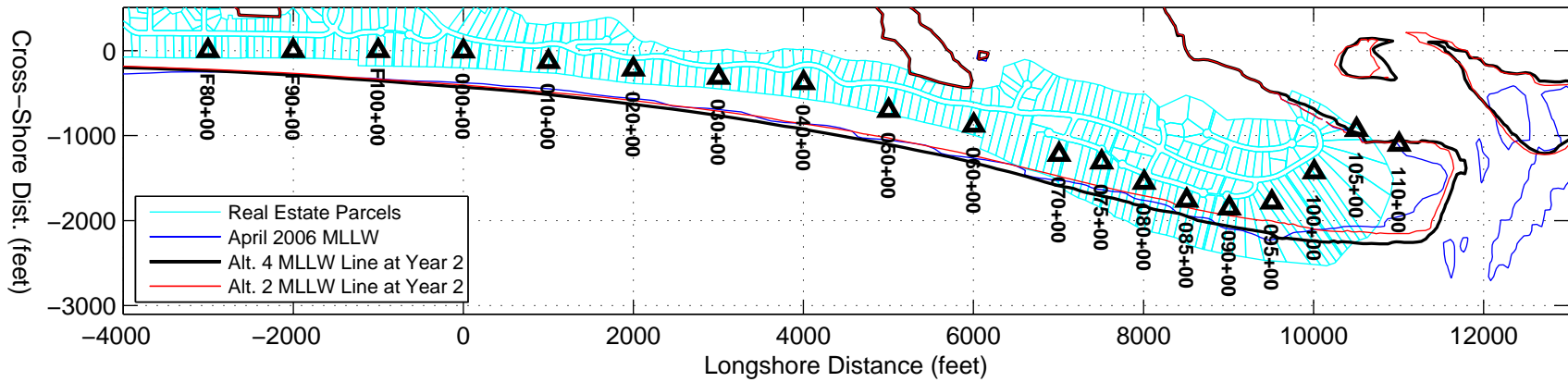




Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

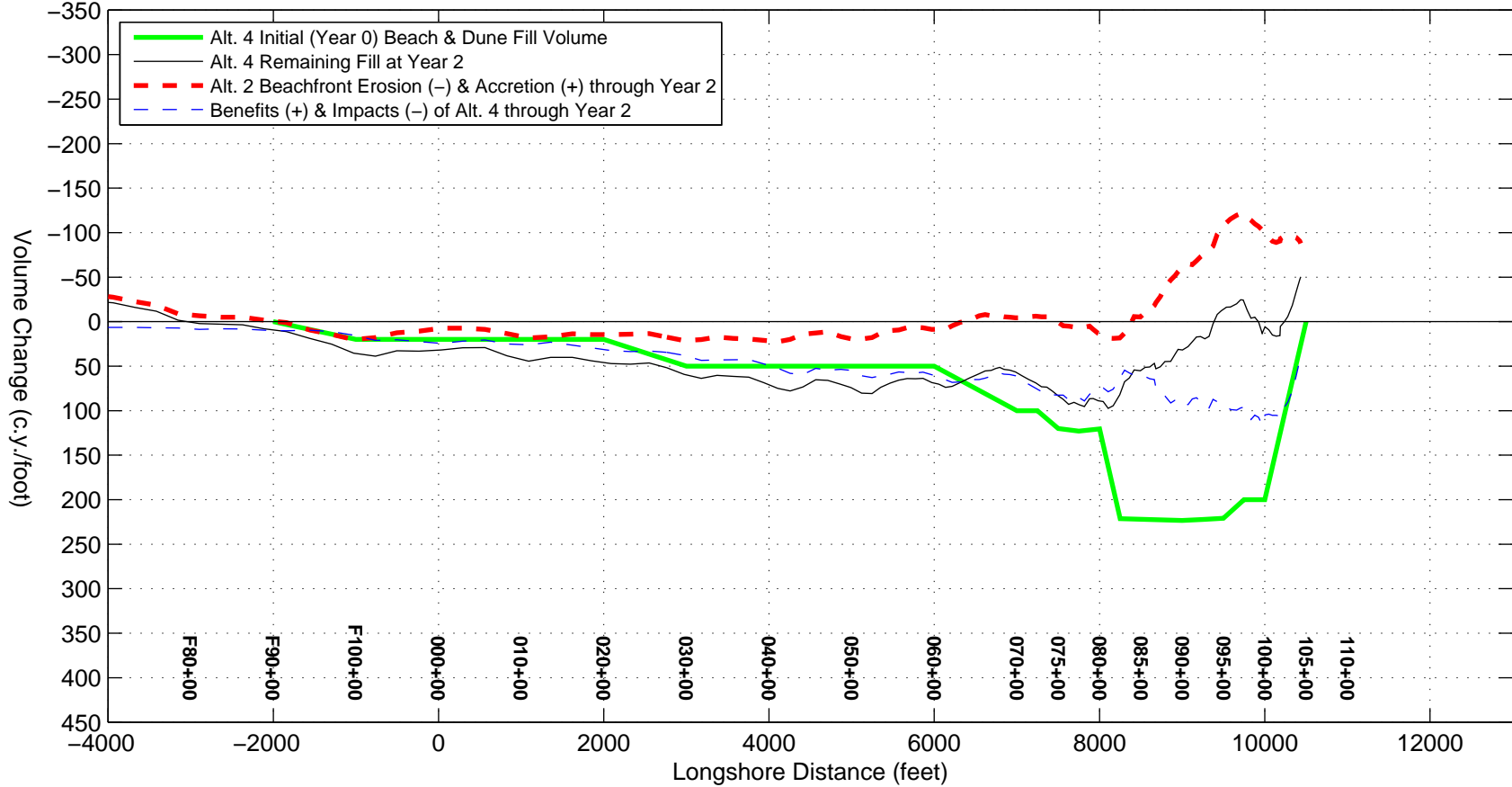
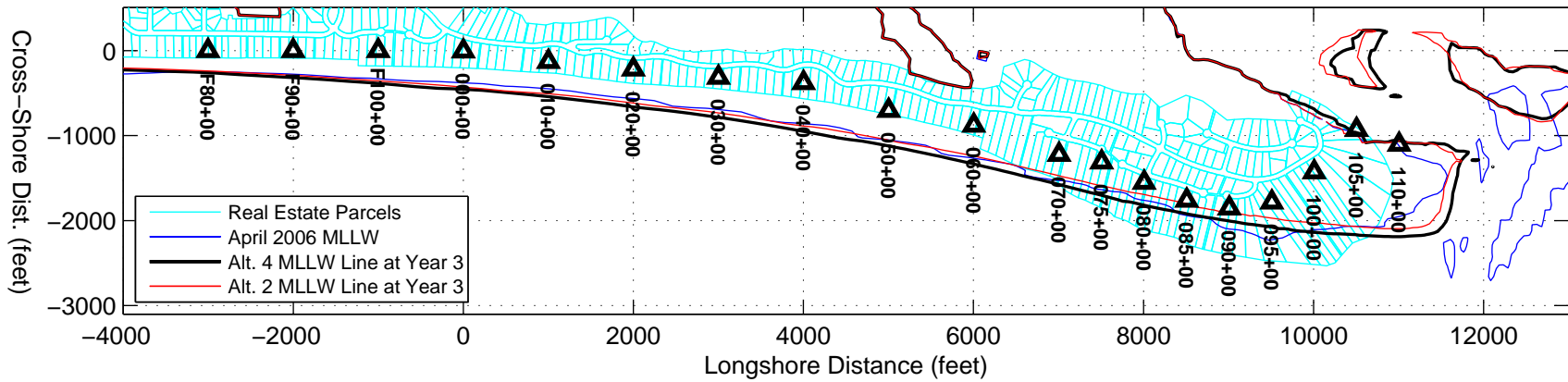


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

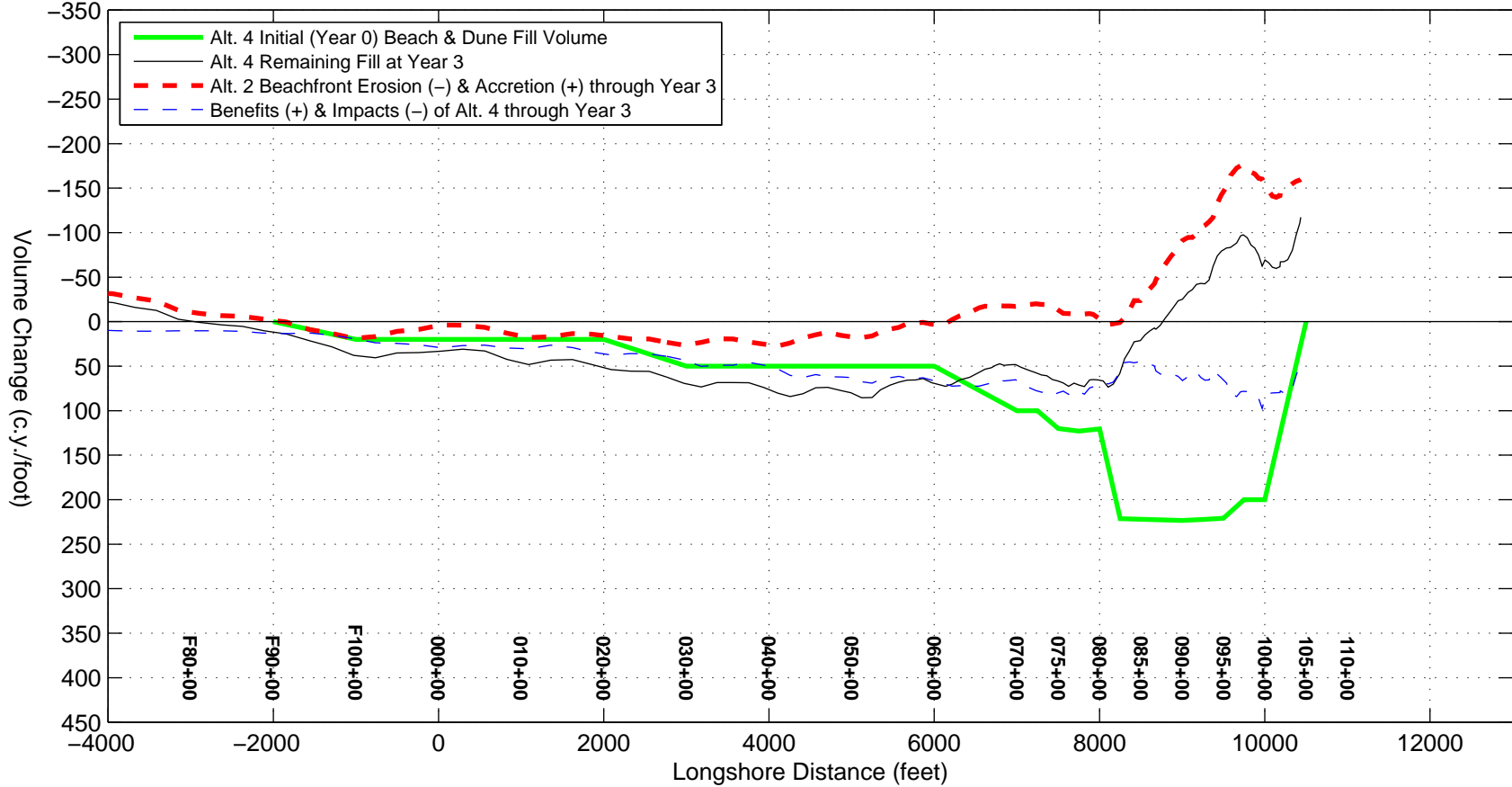
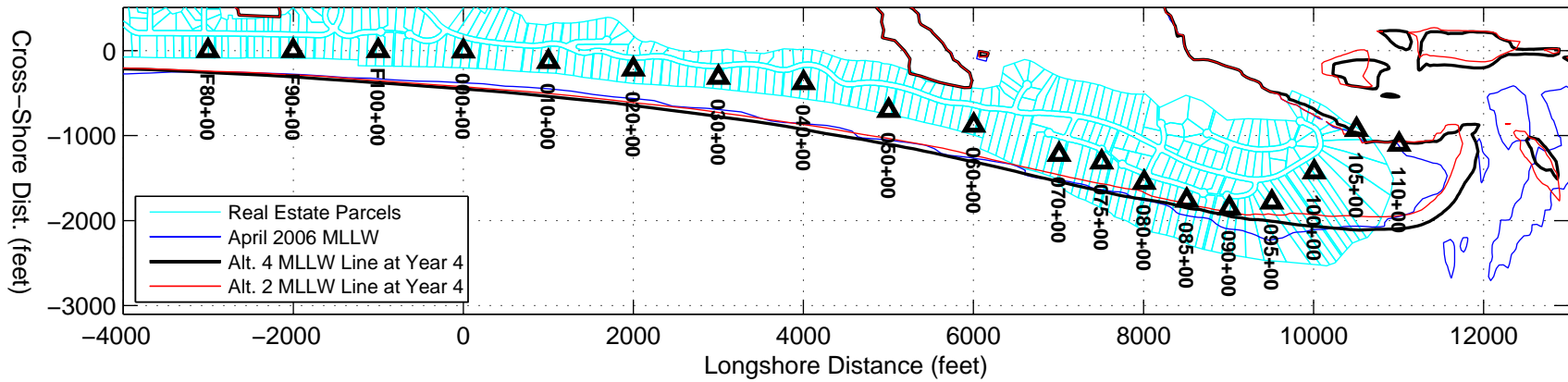


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

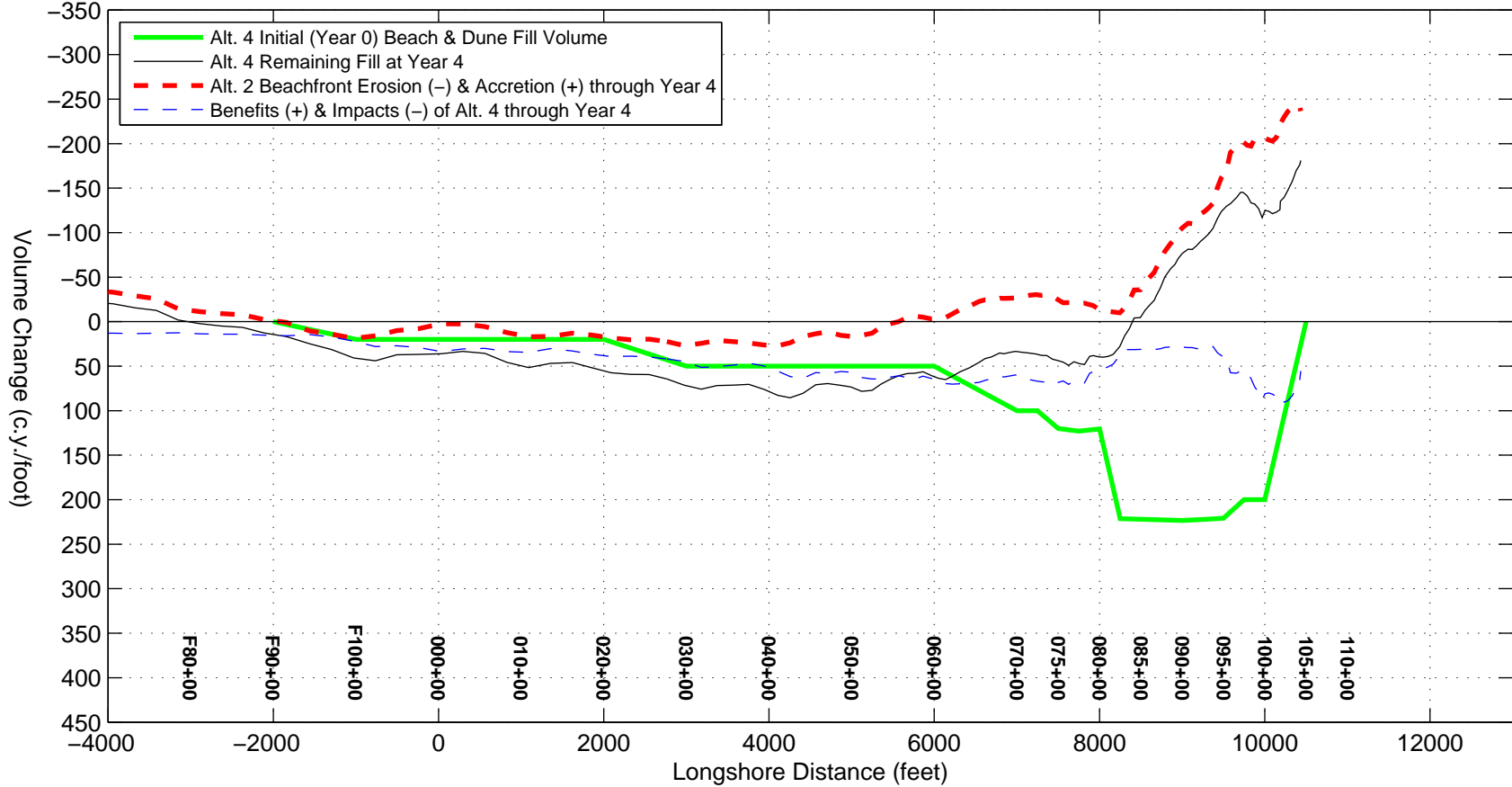
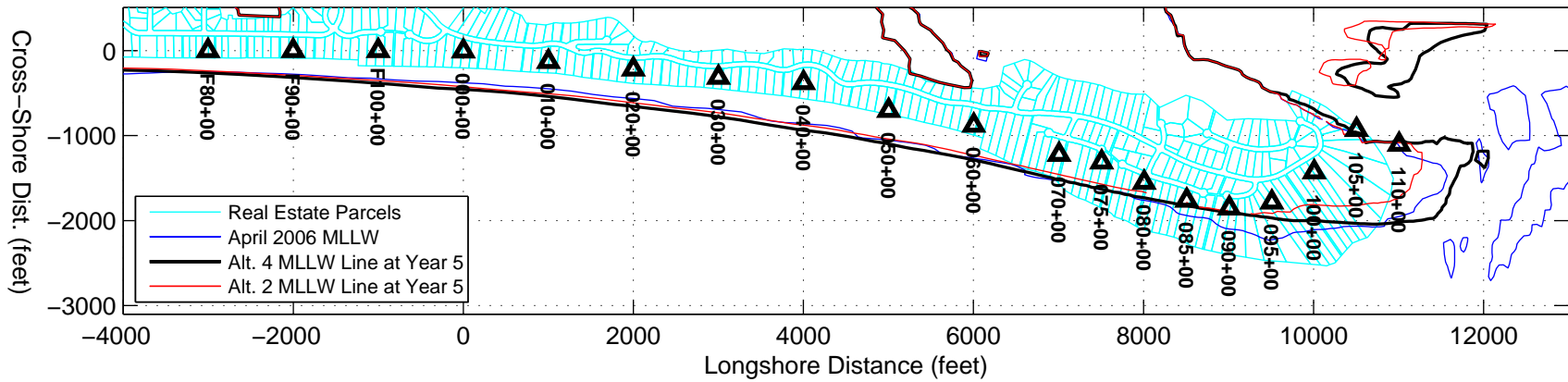


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

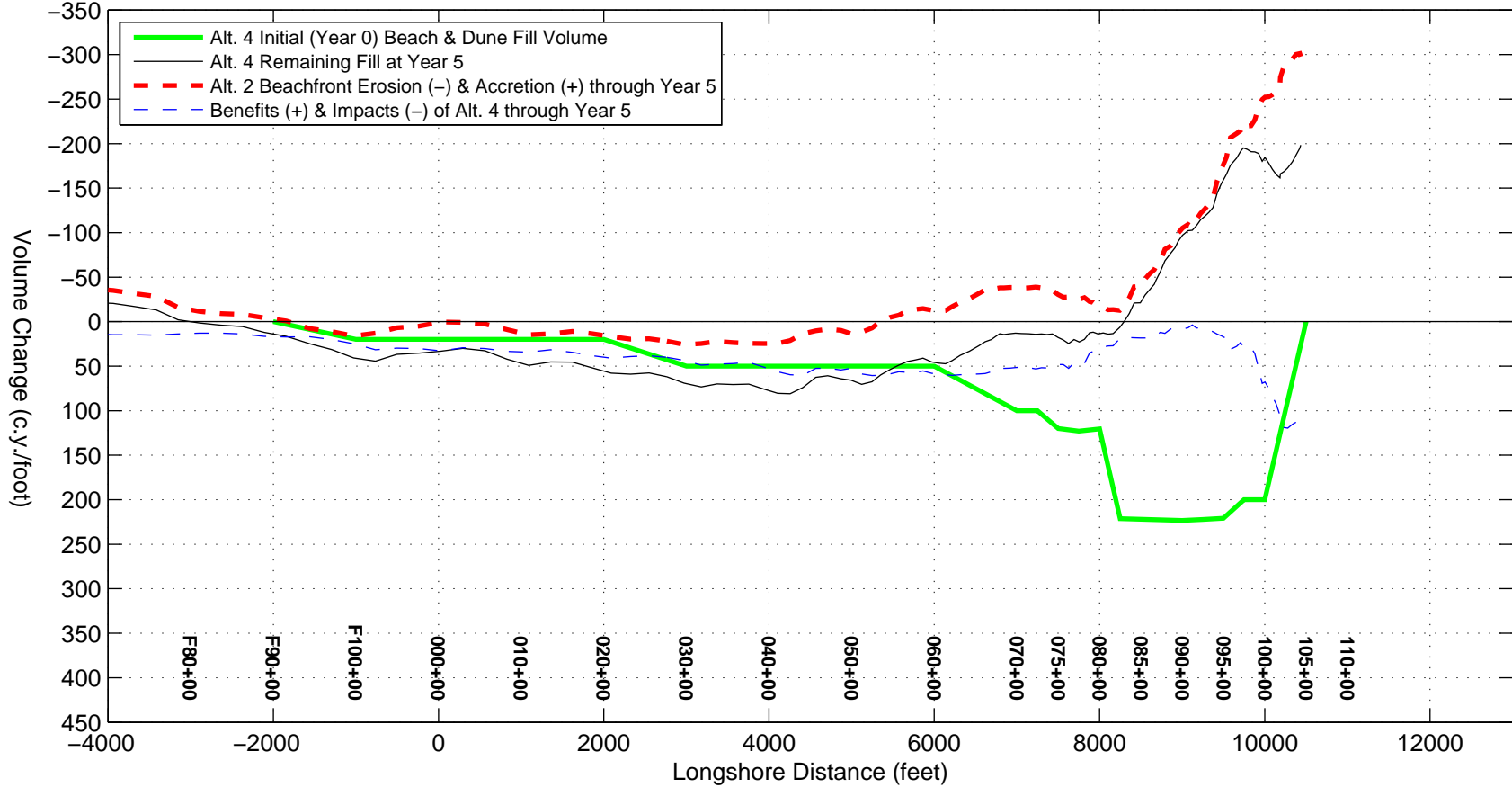
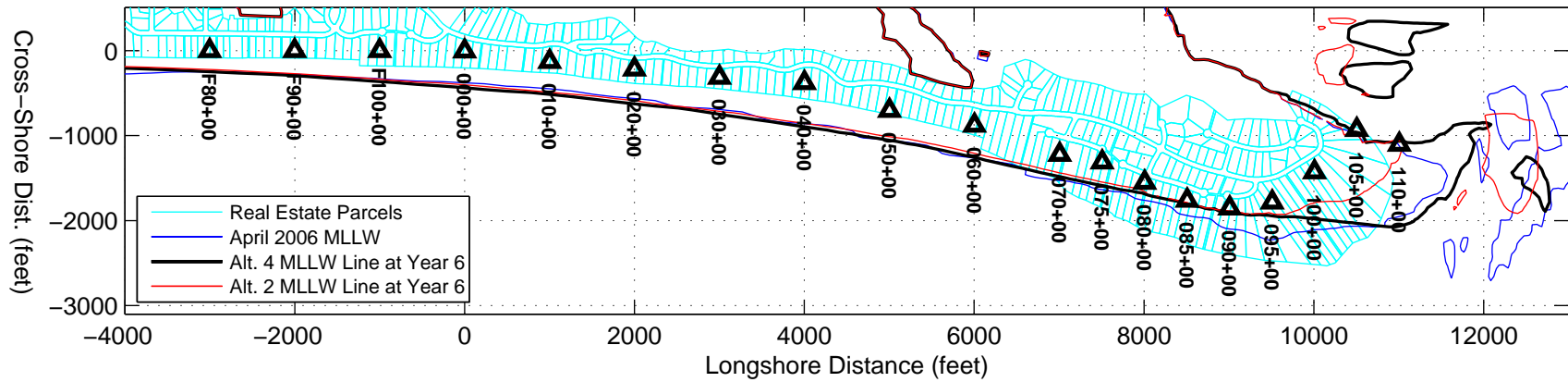


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

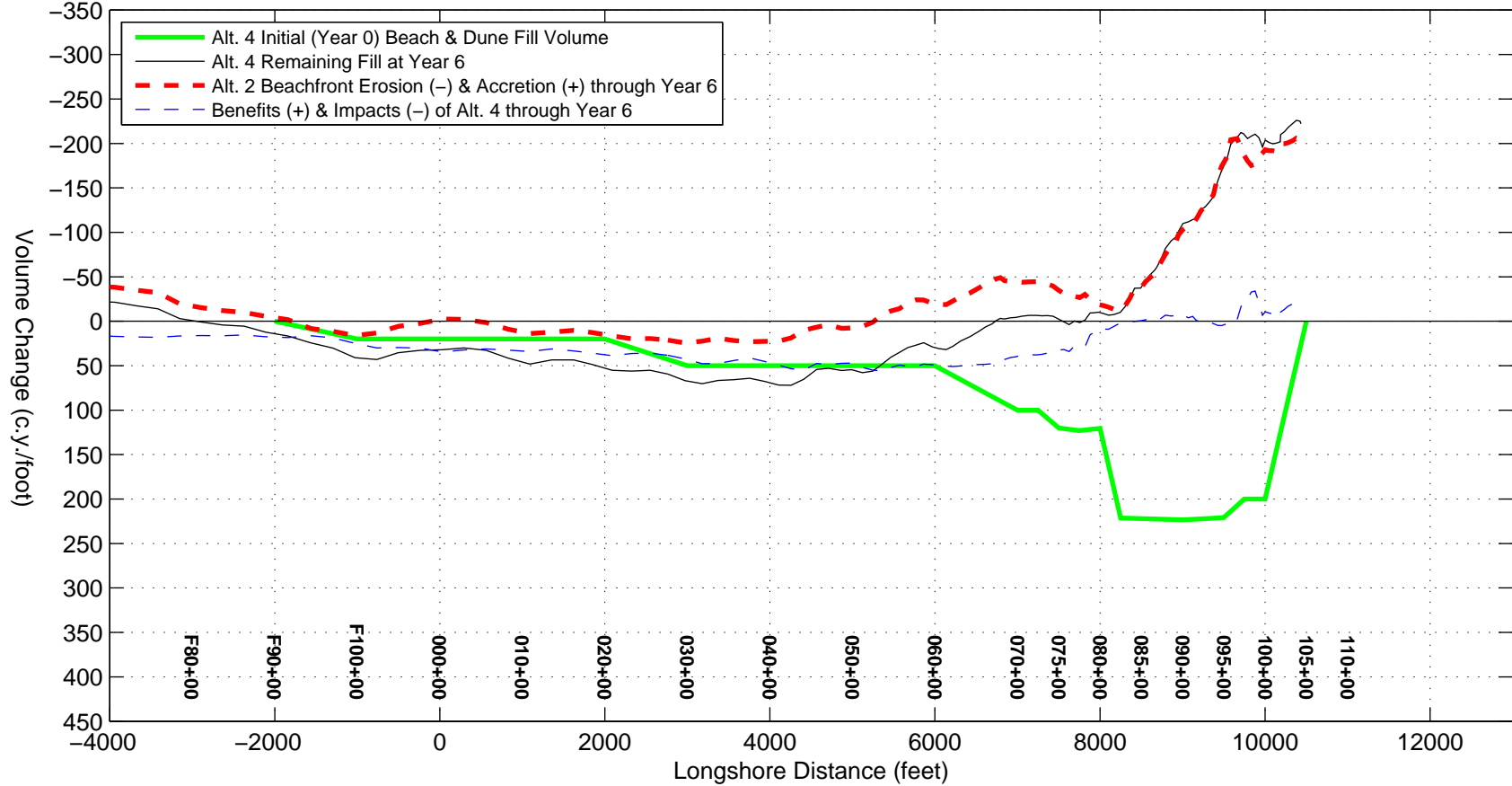
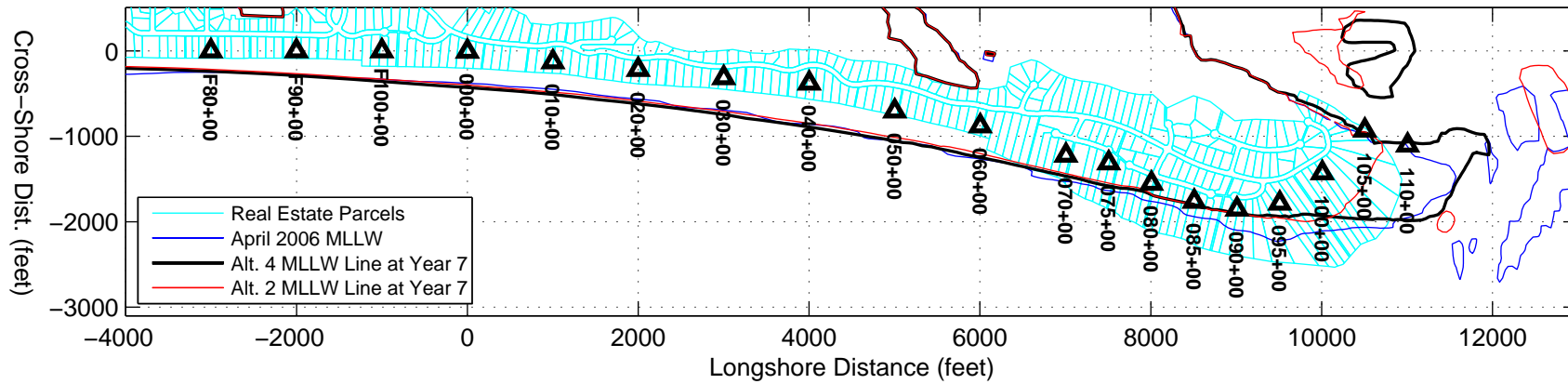


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 4: Beach Fill without Management of Rich Inlet Based on April-June 2006 Cond.

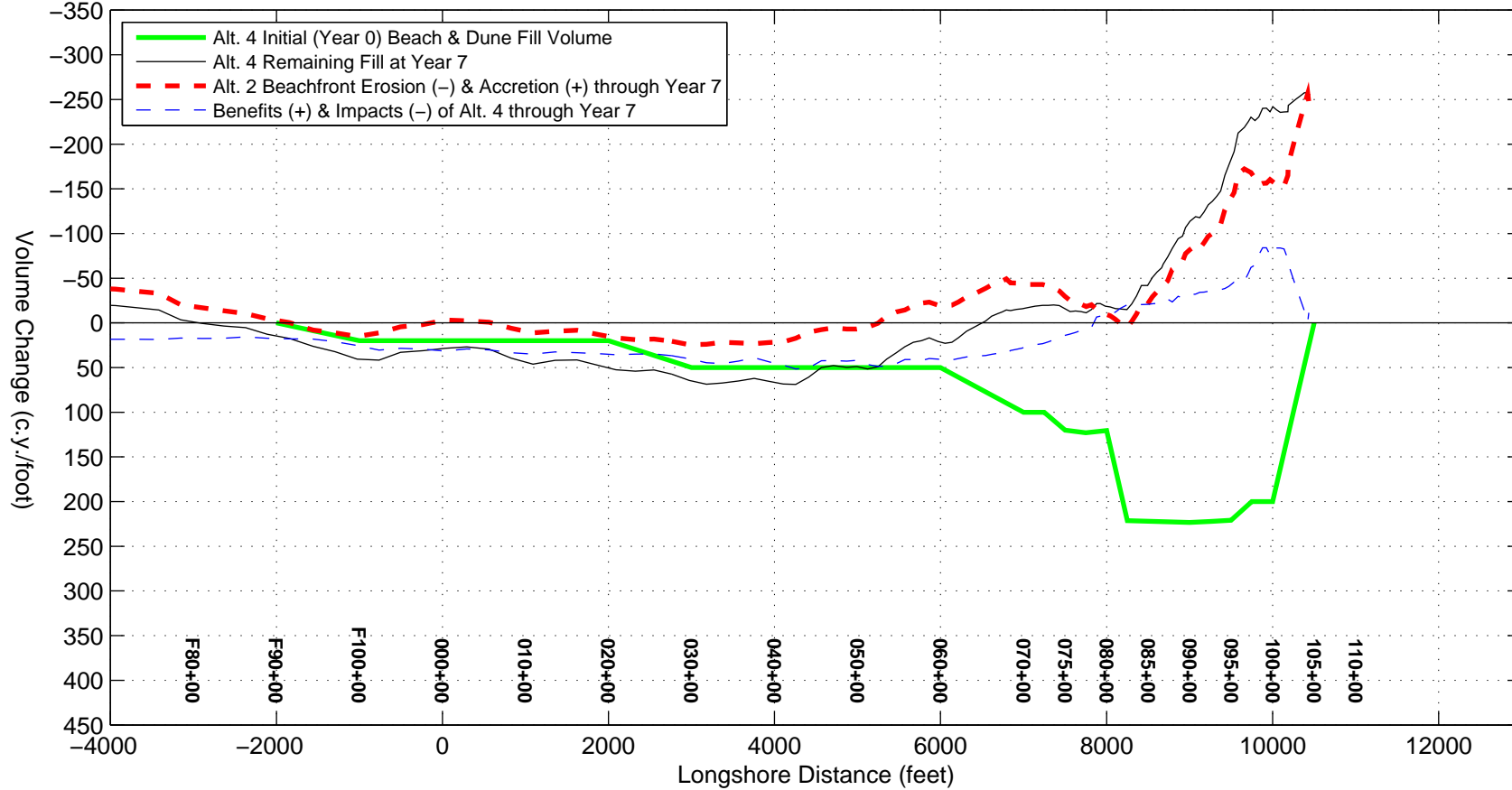
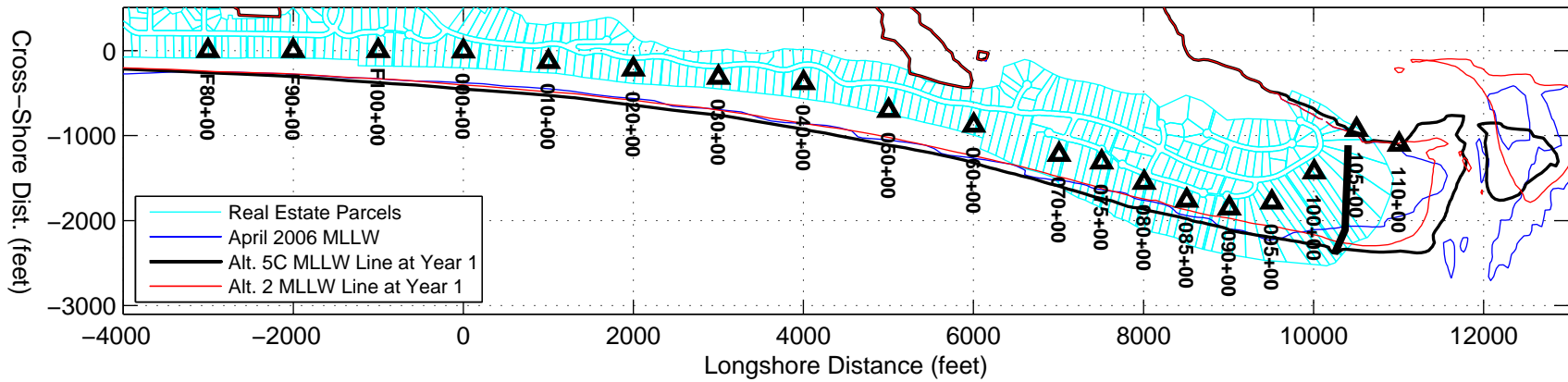


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 5C: Terminal Groin with Beach Fill from Nixon Channel (Extended Cut) Based on April-June 2006 Cond.

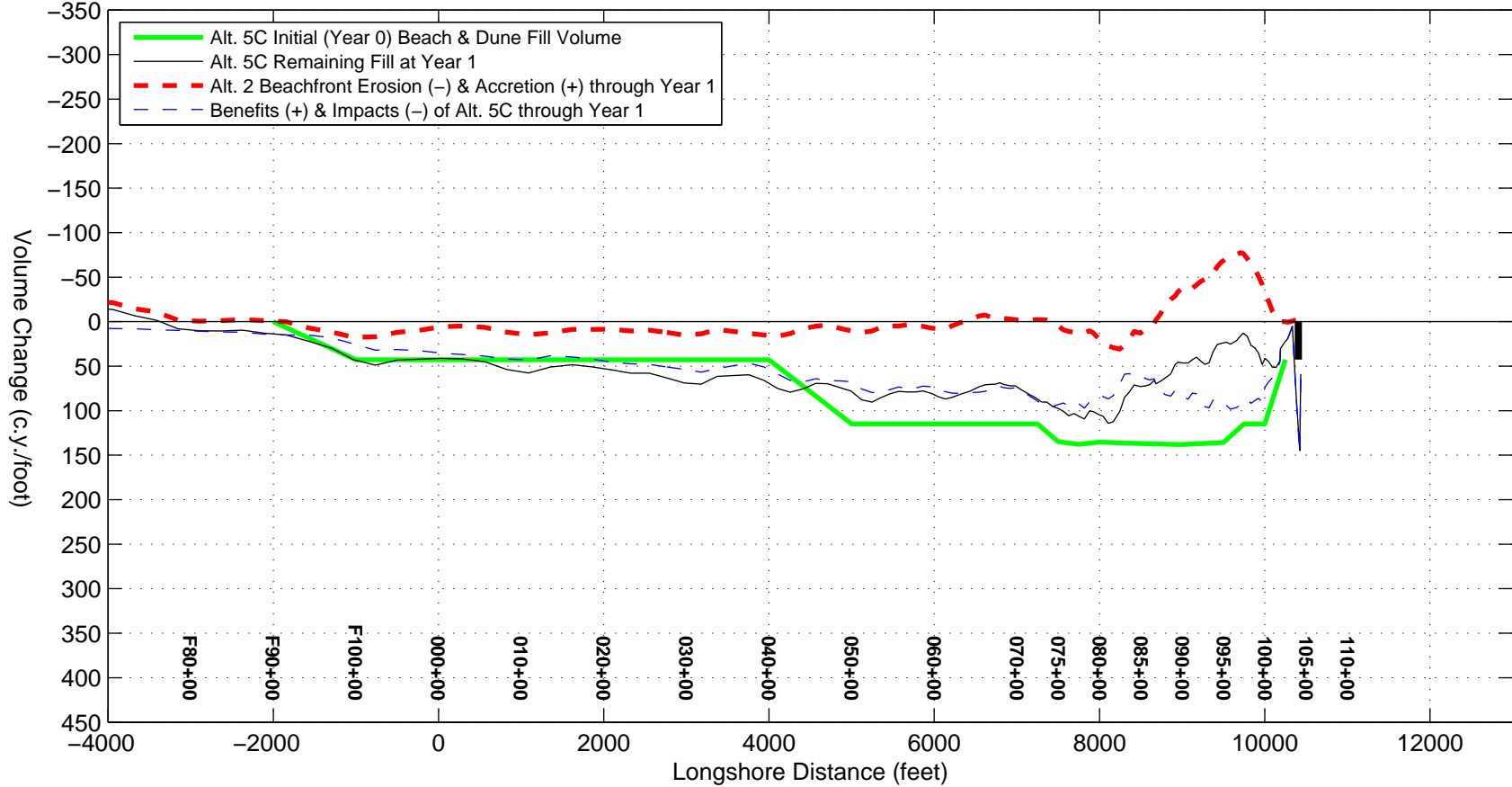
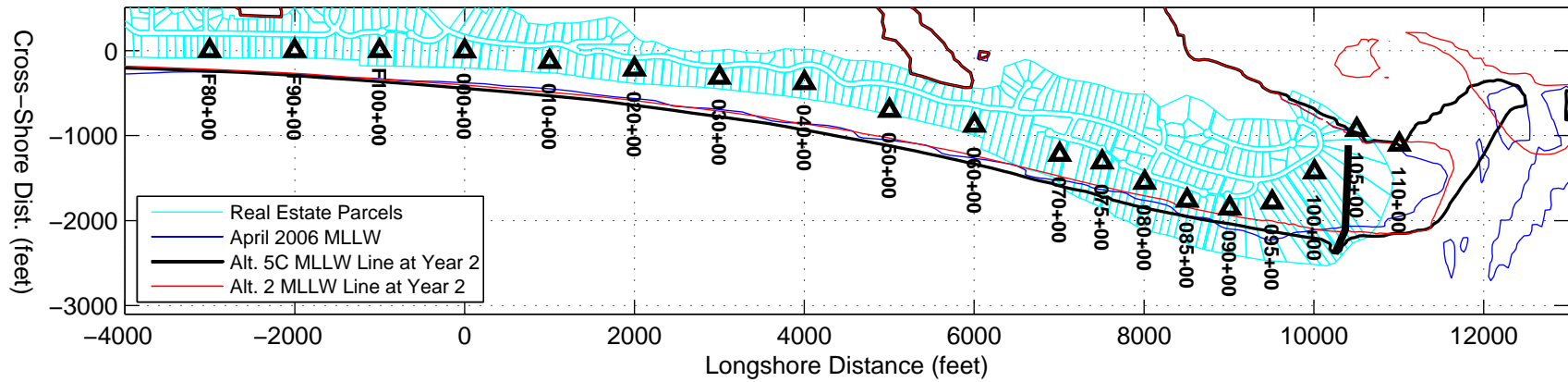


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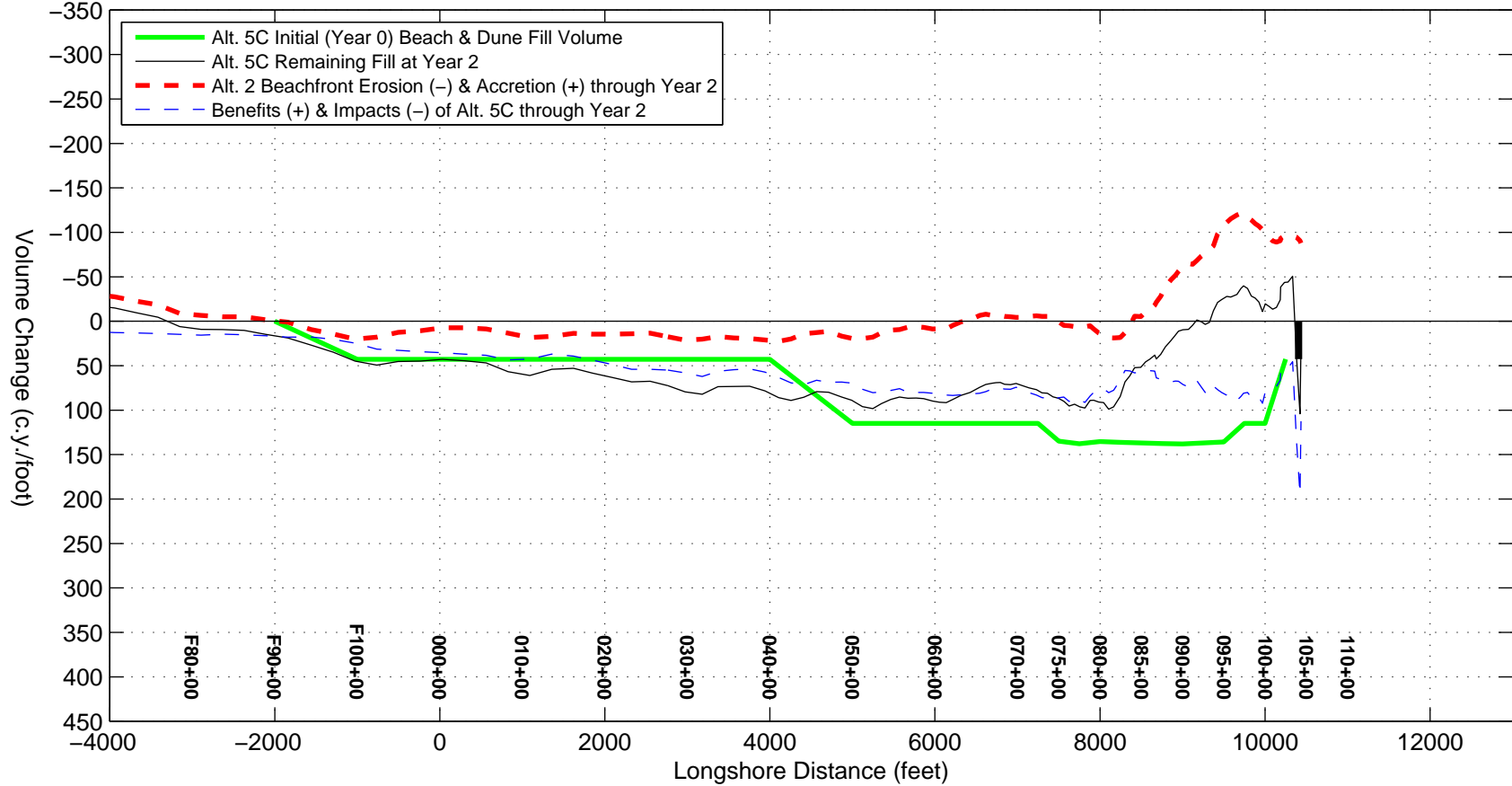
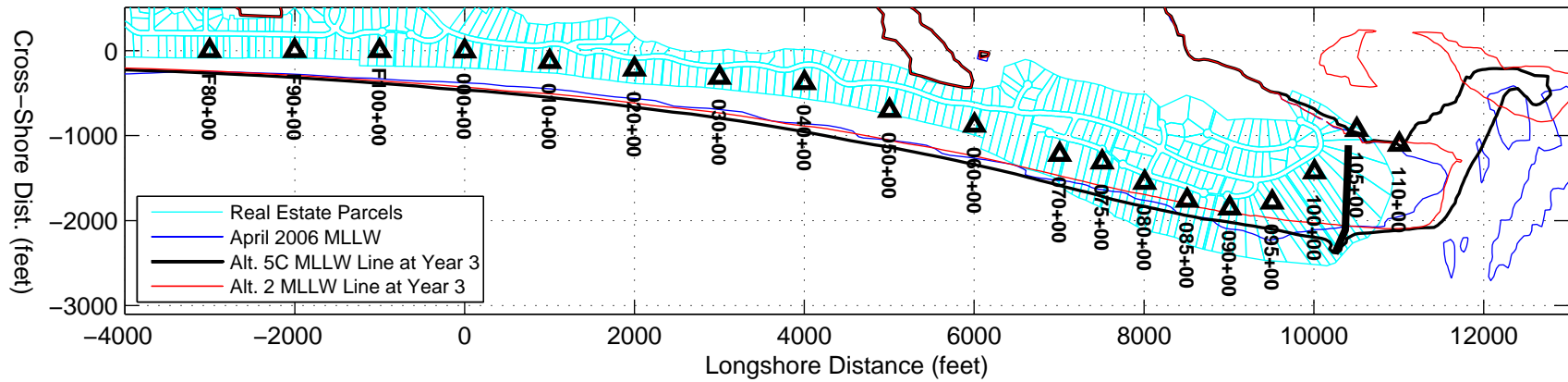




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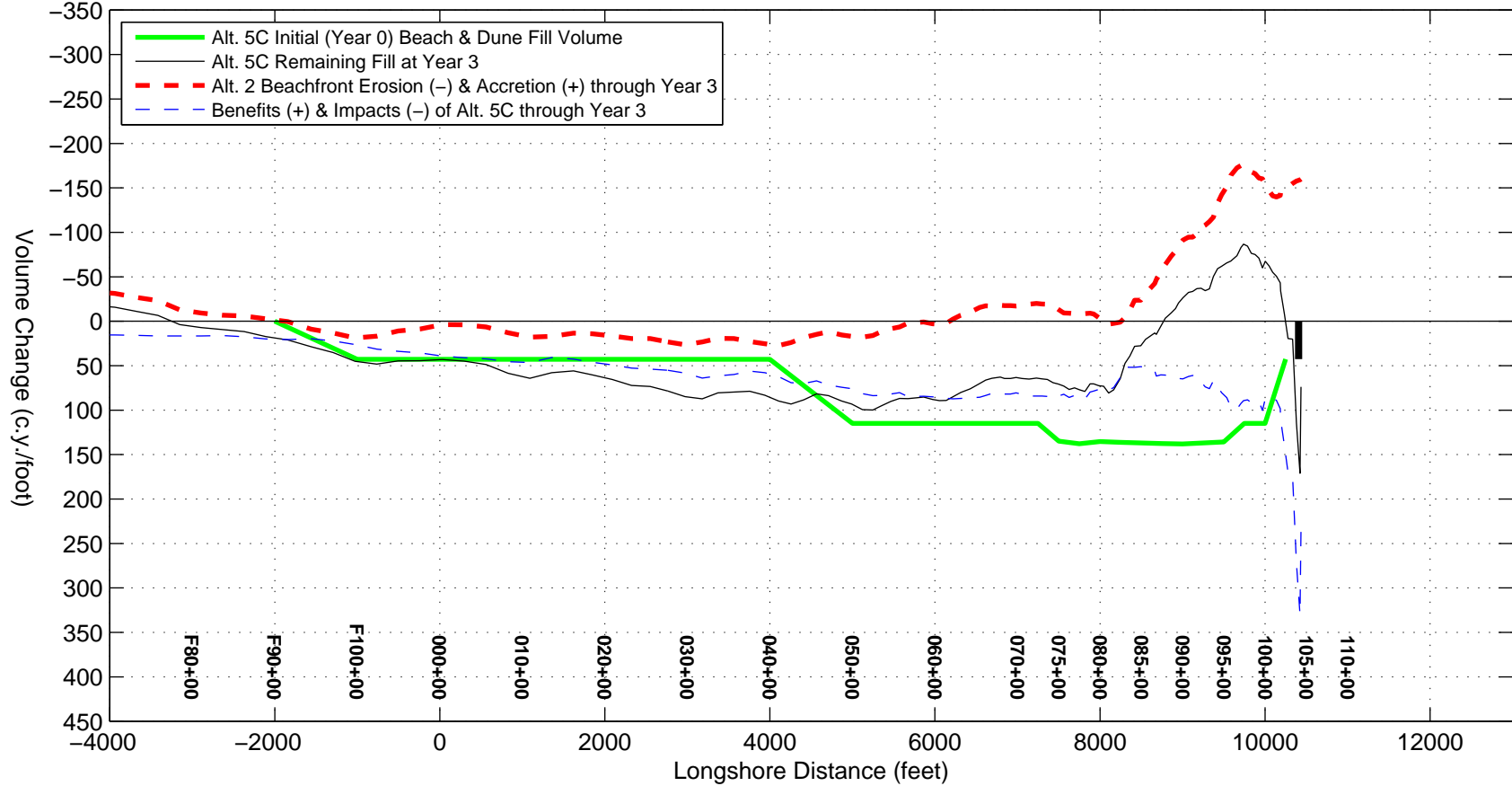
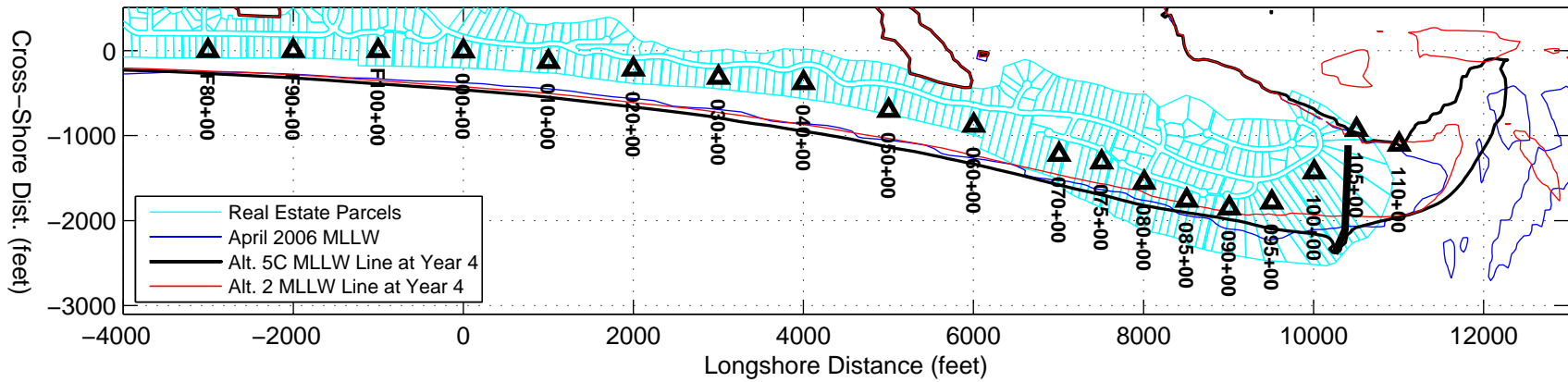


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Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 5C: Terminal Groin with Beach Fill from Nixon Channel (Extended Cut) Based on April-June 2006 Cond.

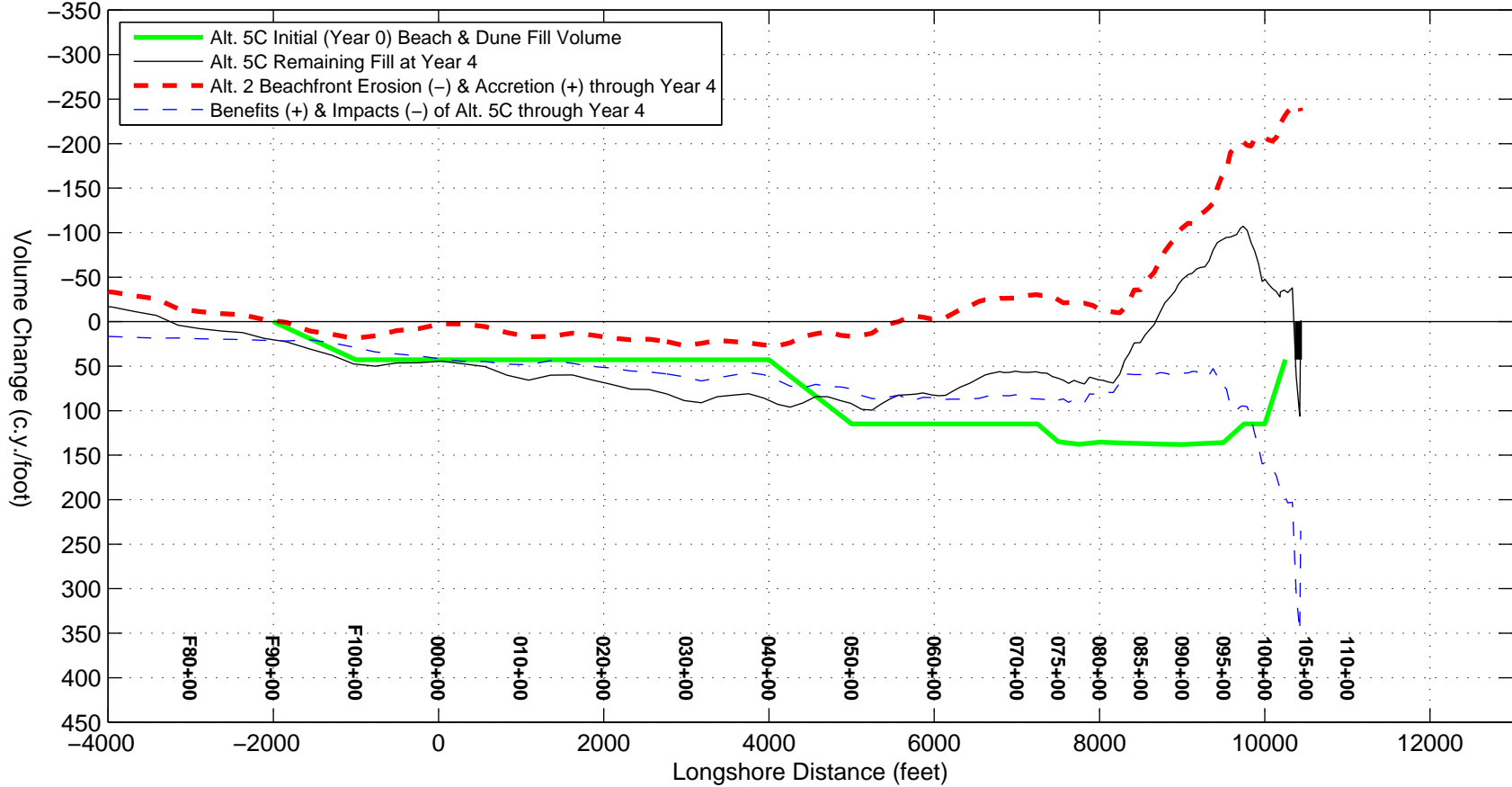
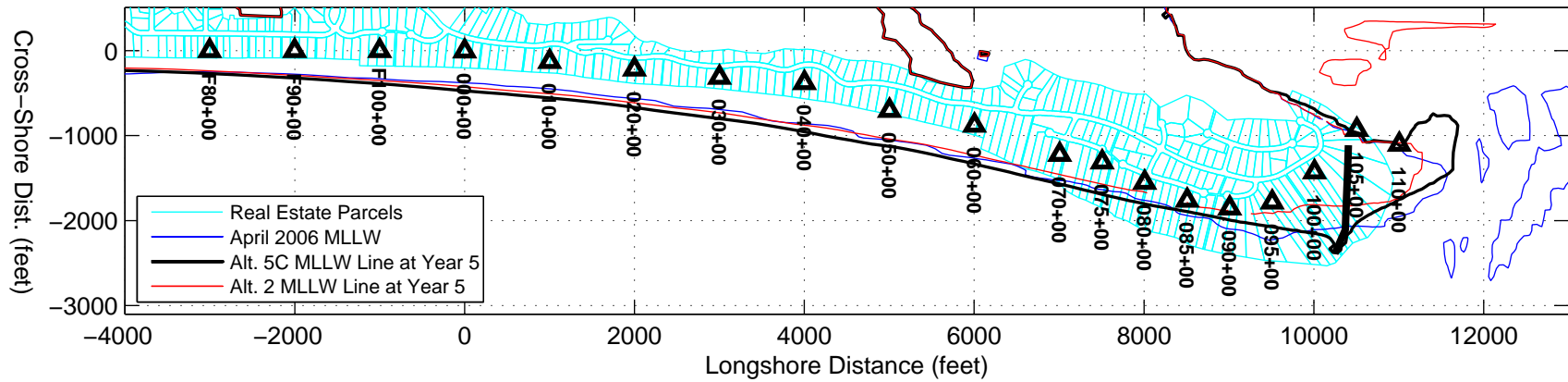


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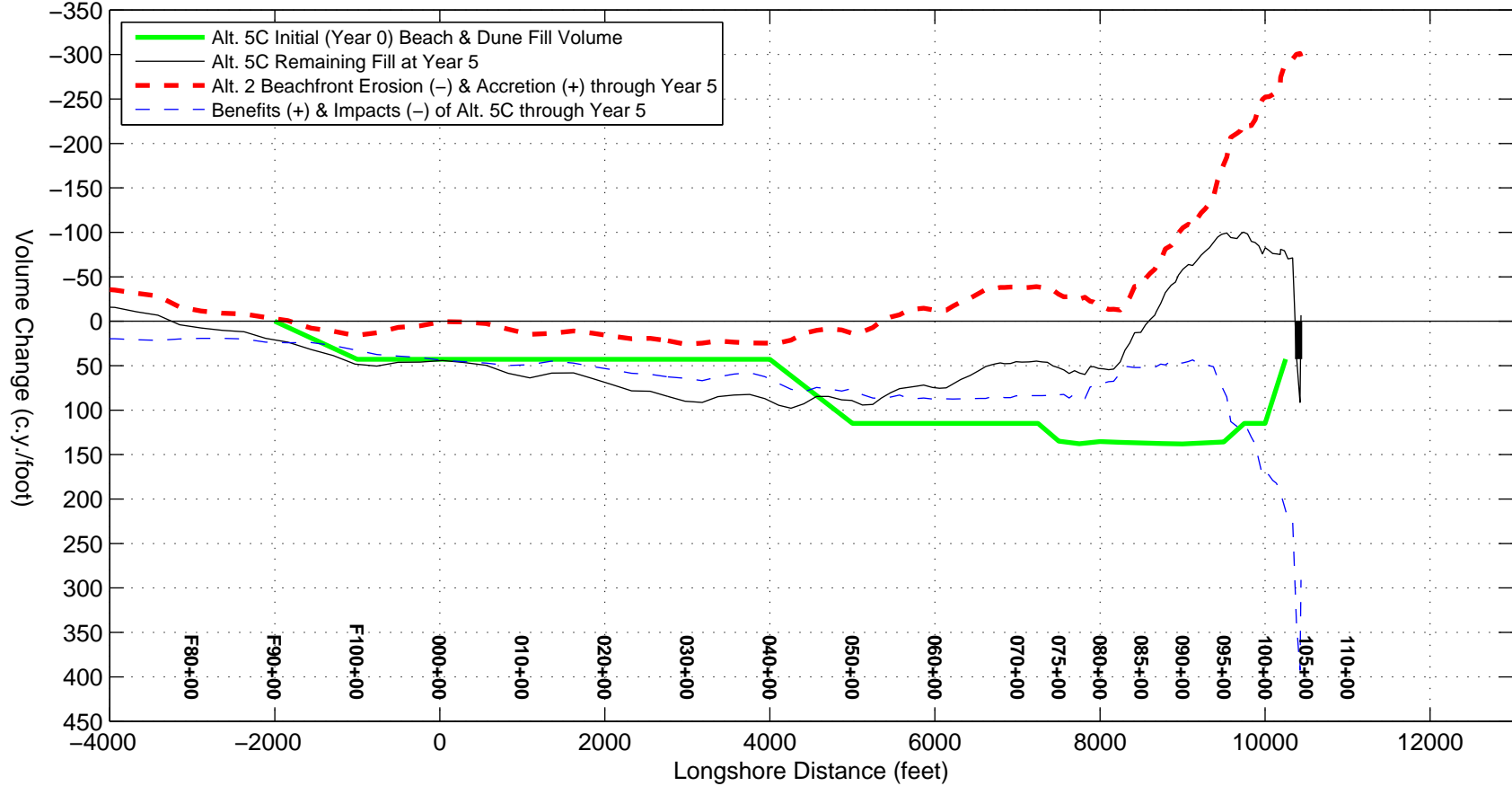
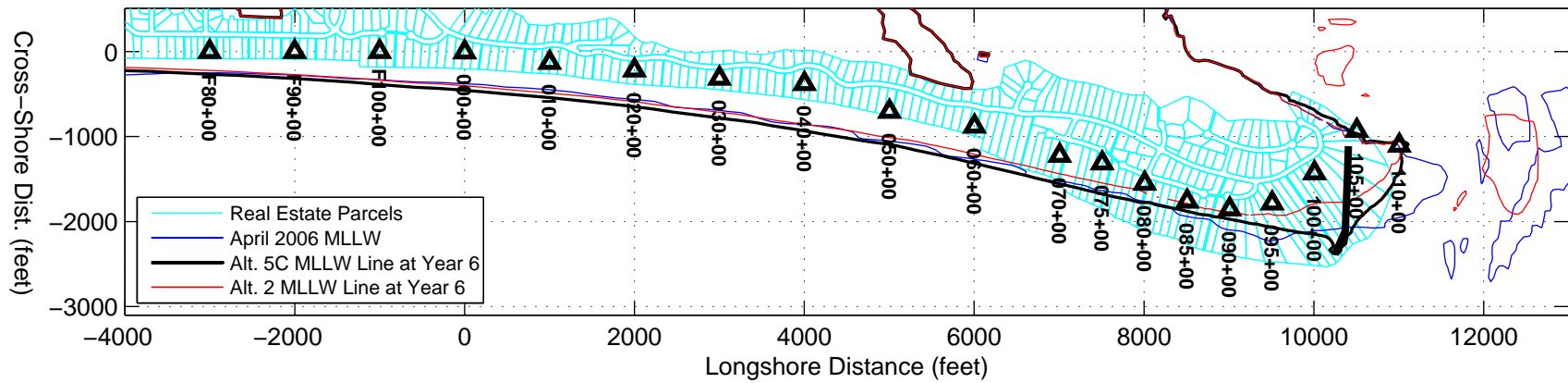


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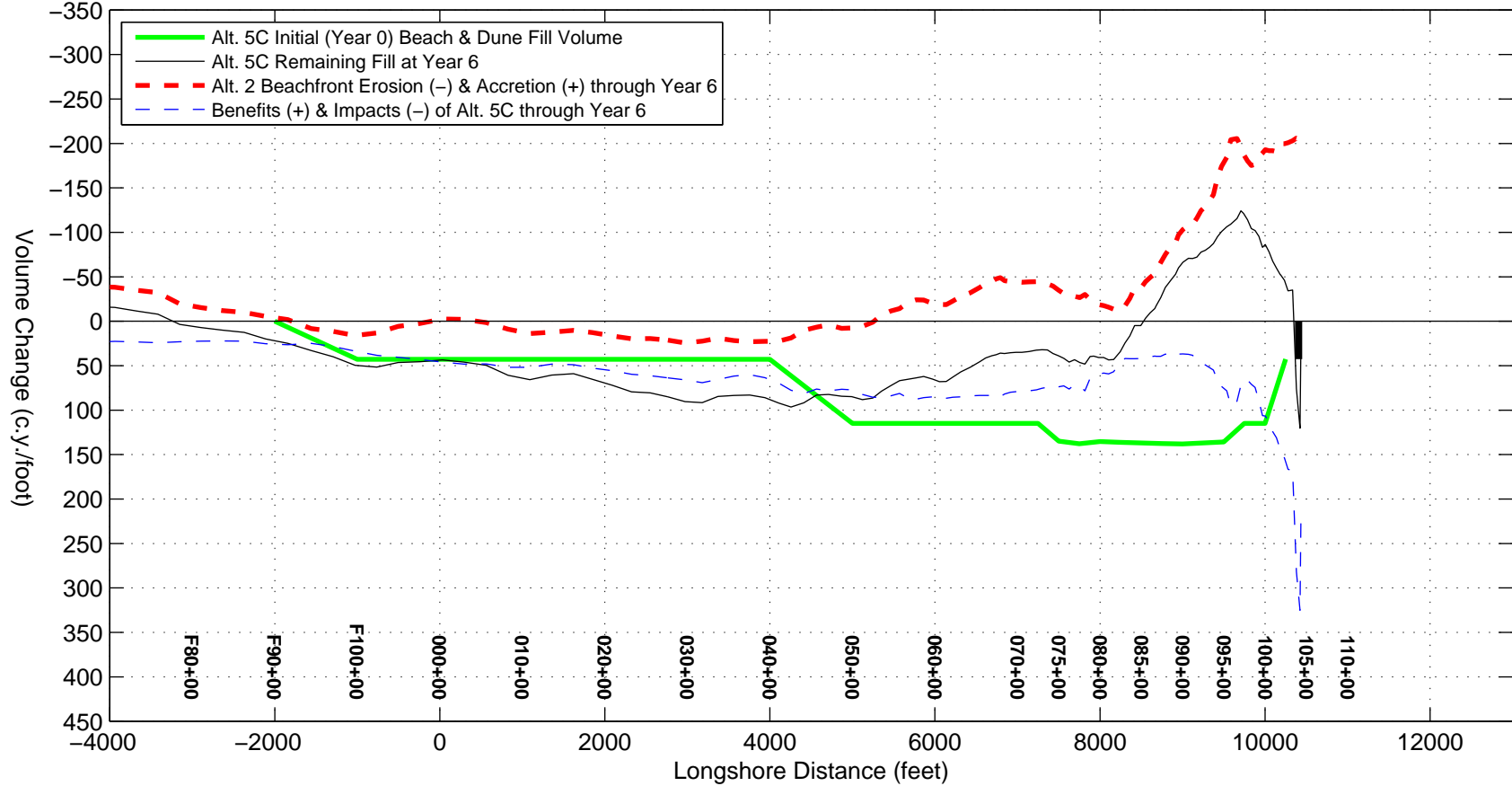
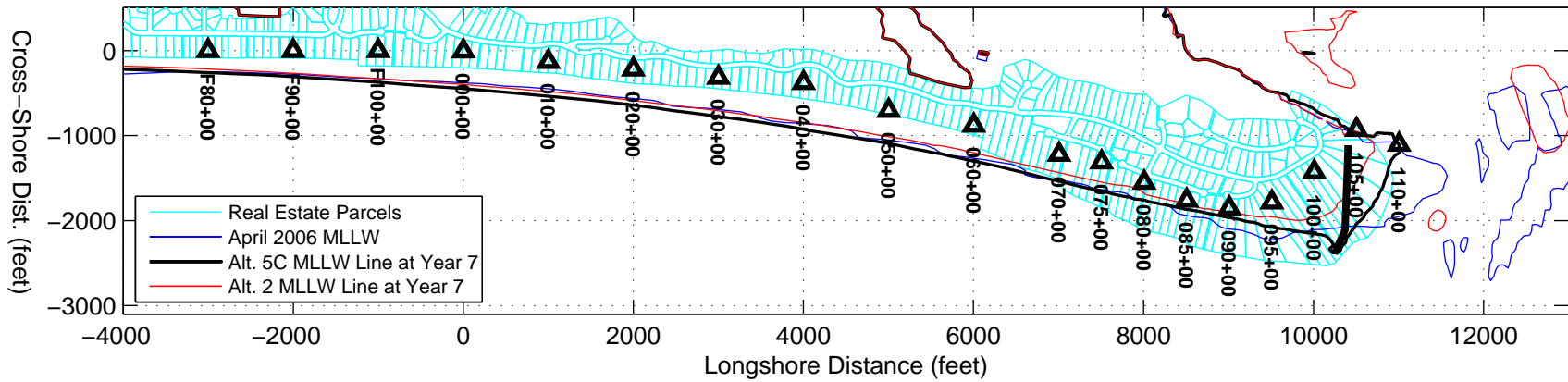


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Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 5C: Terminal Groin with Beach Fill from Nixon Channel (Extended Cut) Based on April-June 2006 Cond.

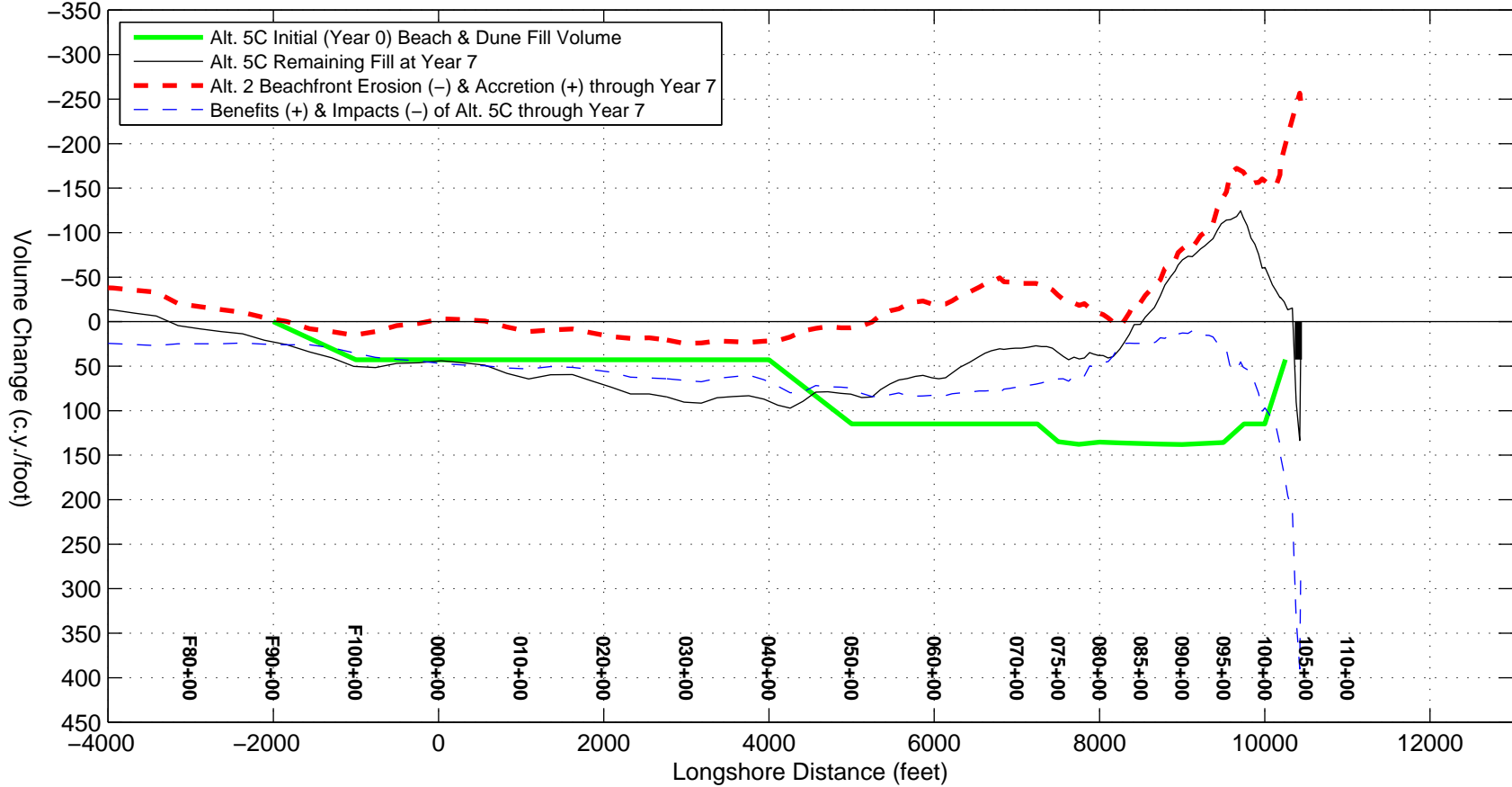
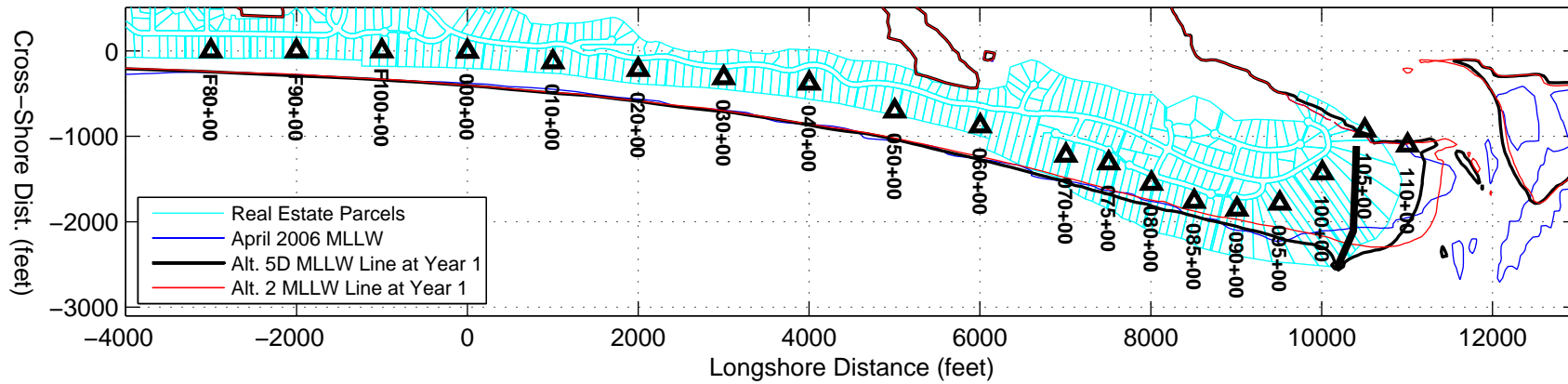


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 5D: Longer Terminal Groin with Beach Fill from Nixon Channel (2010 Cut) Based on April-June 2006 Cond.

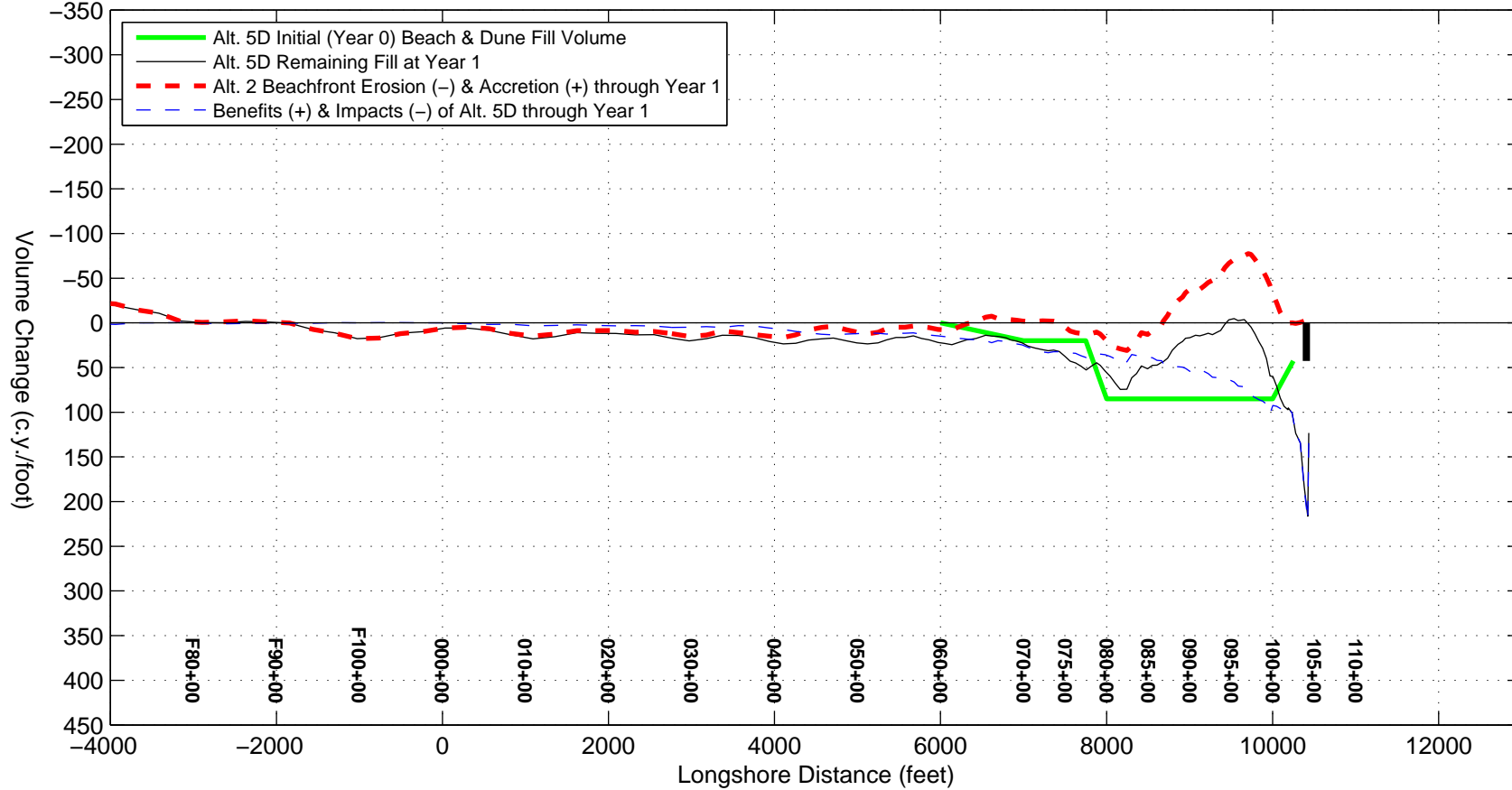
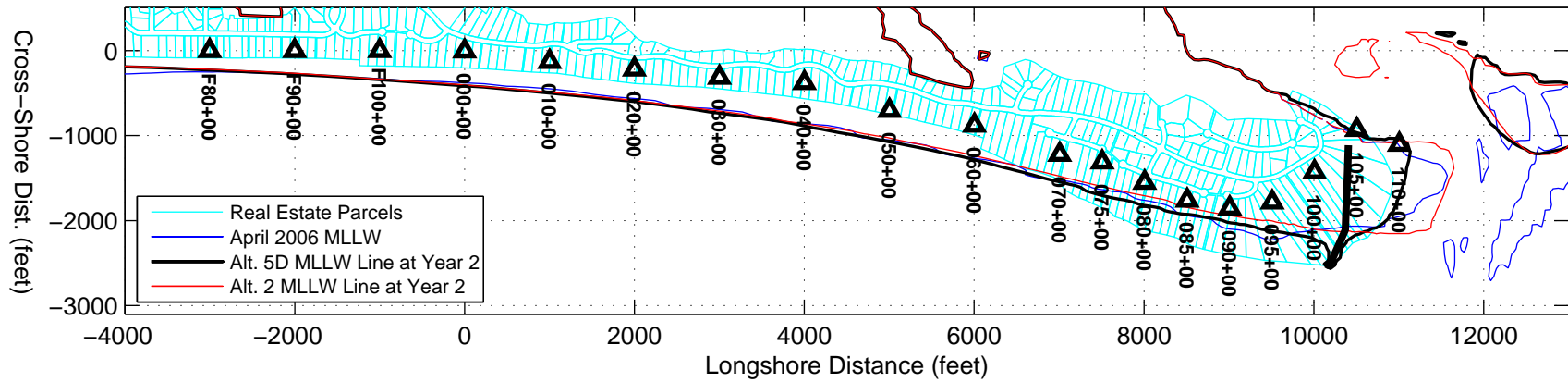


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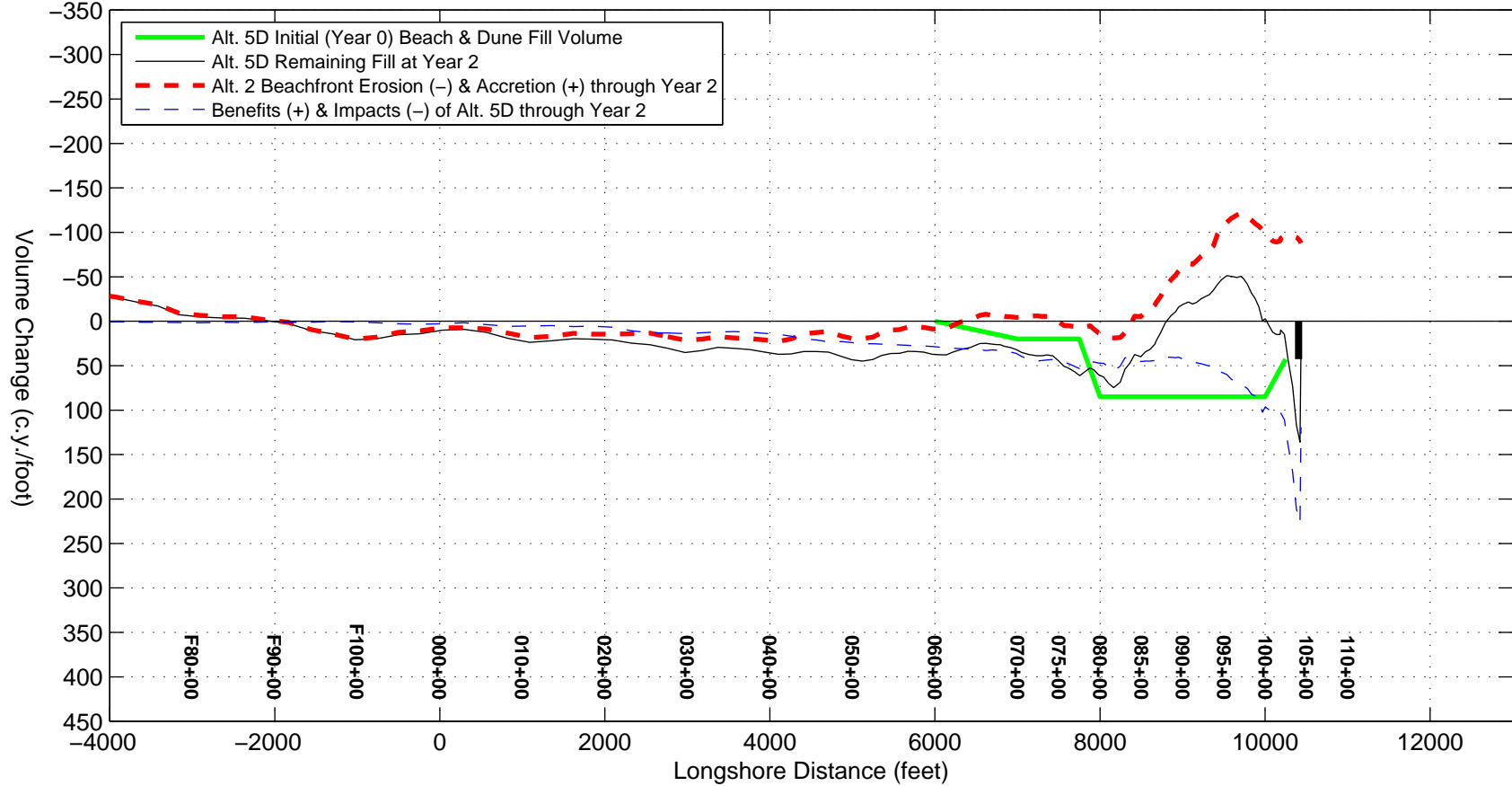
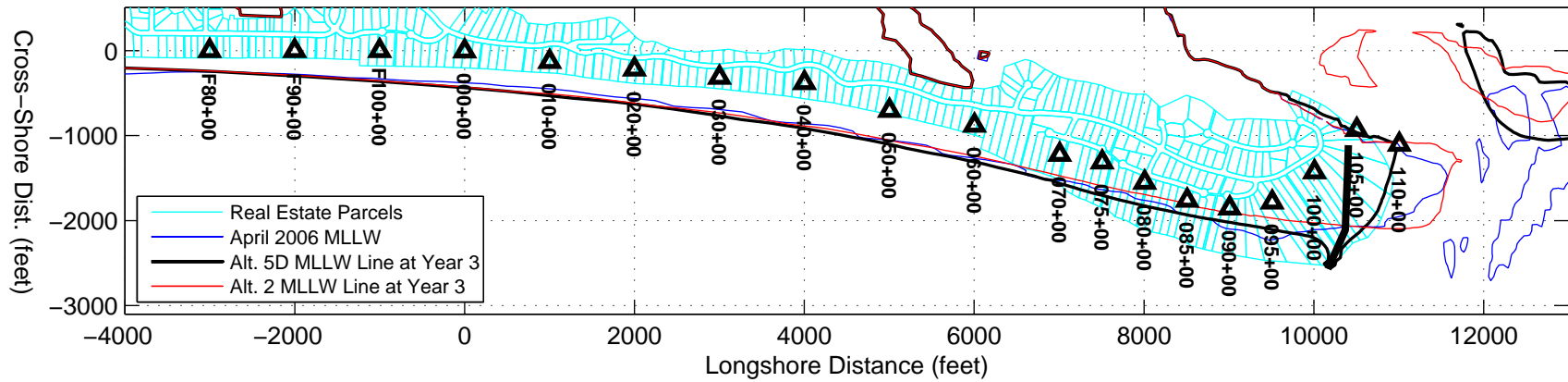


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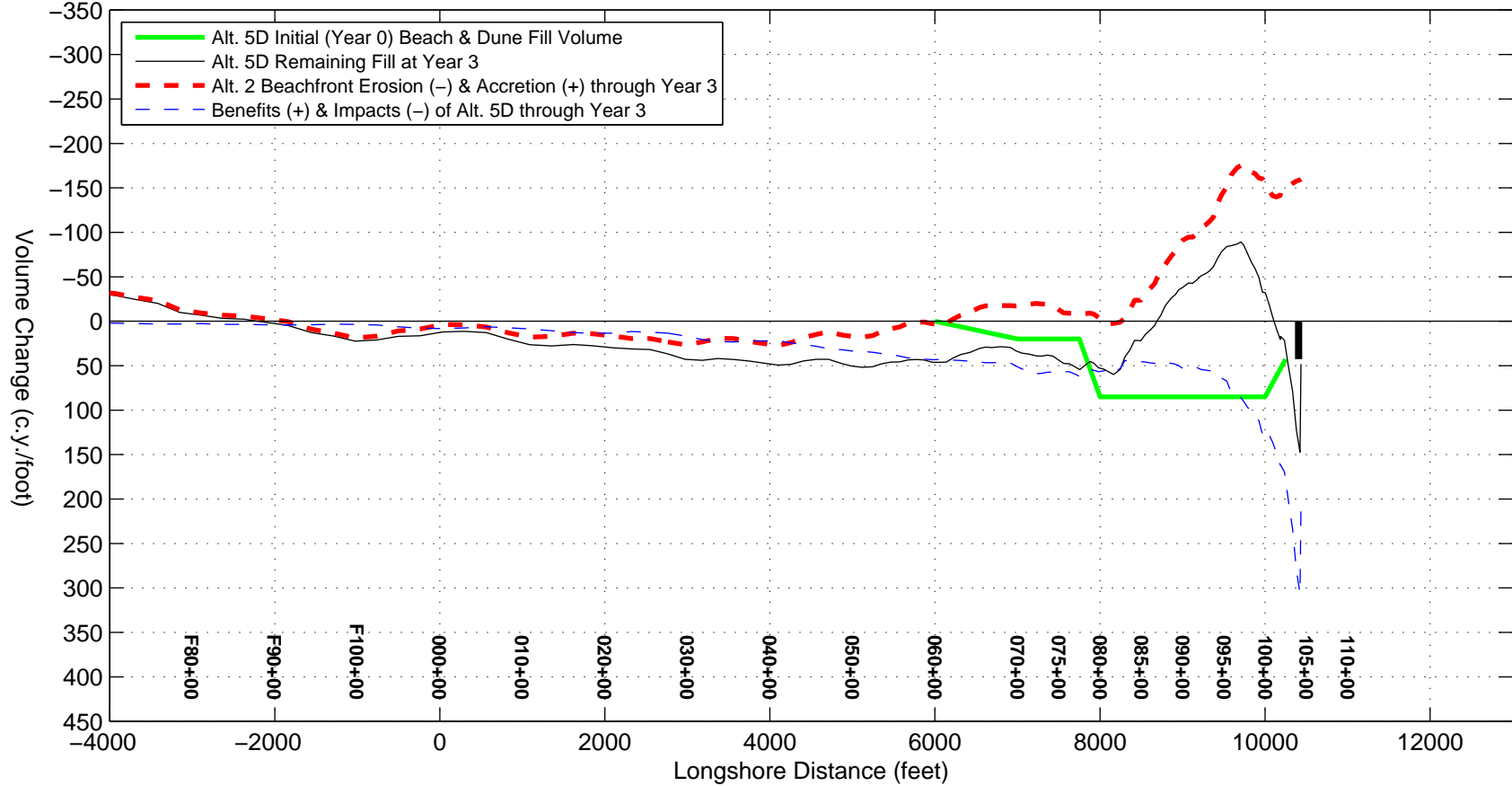
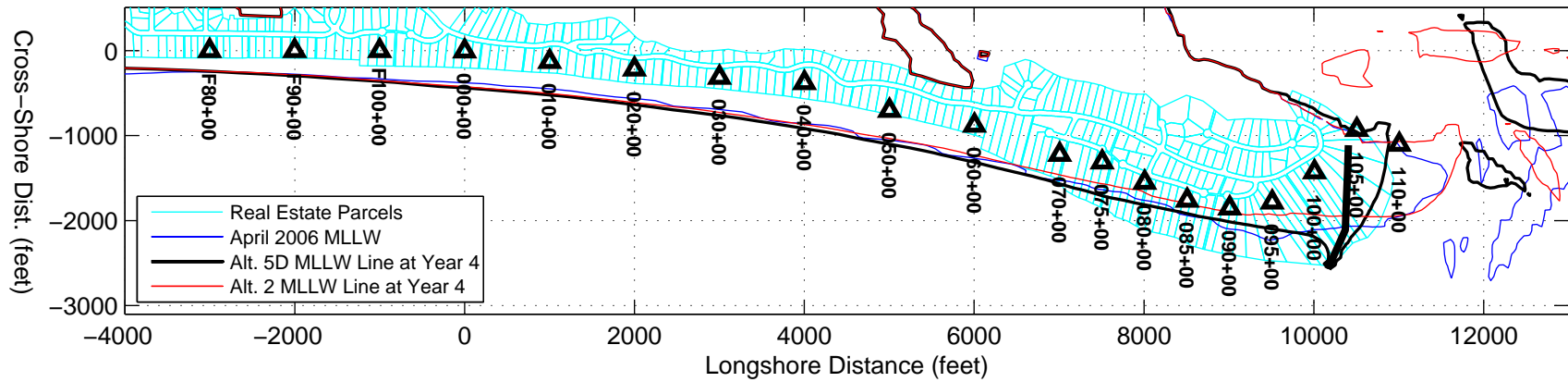




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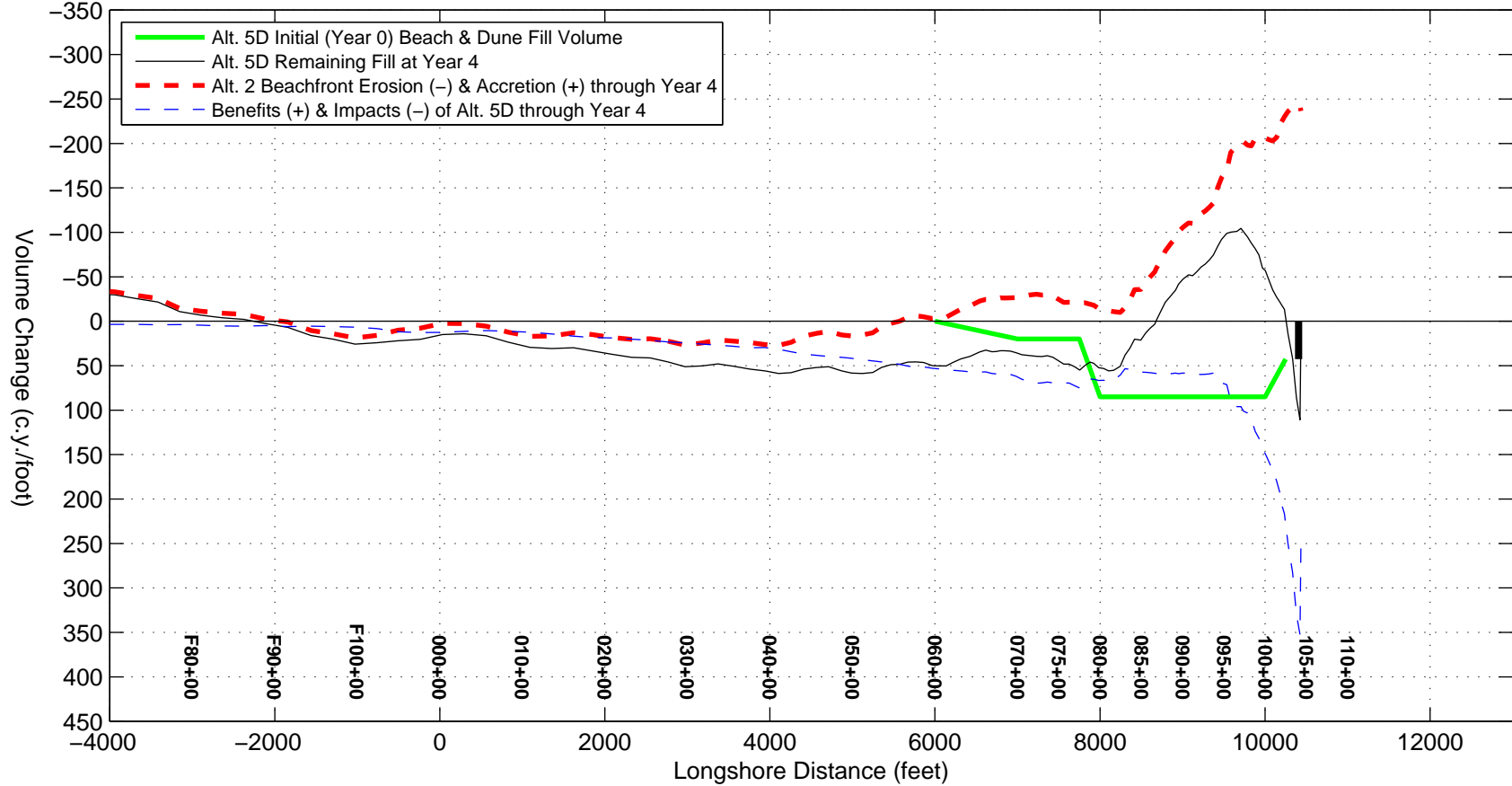
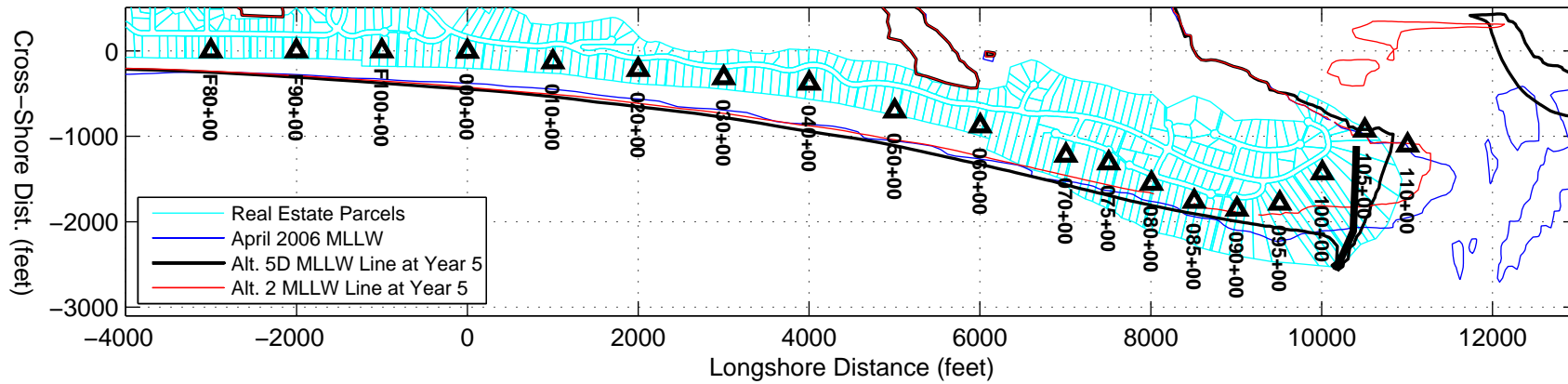


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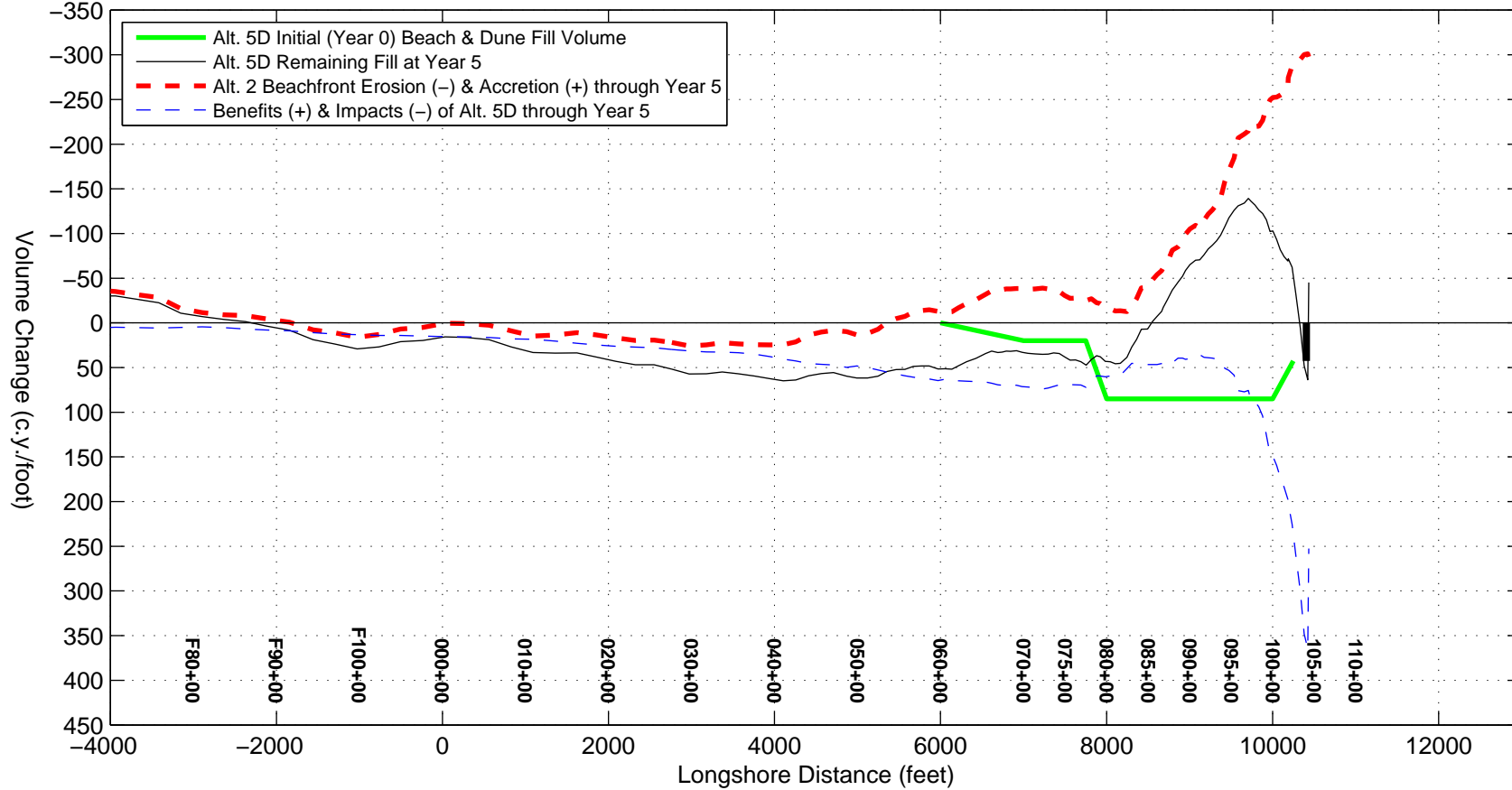
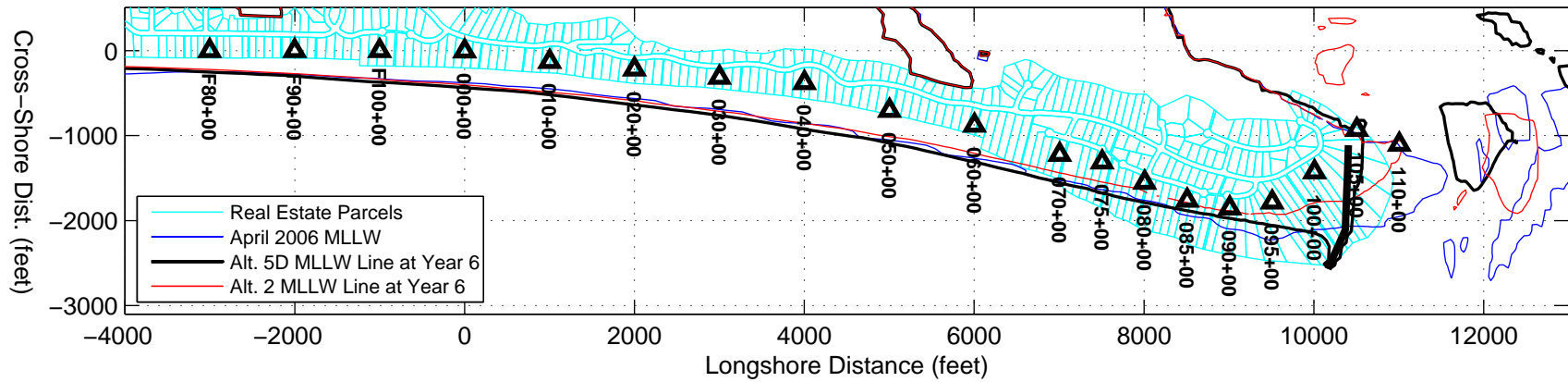


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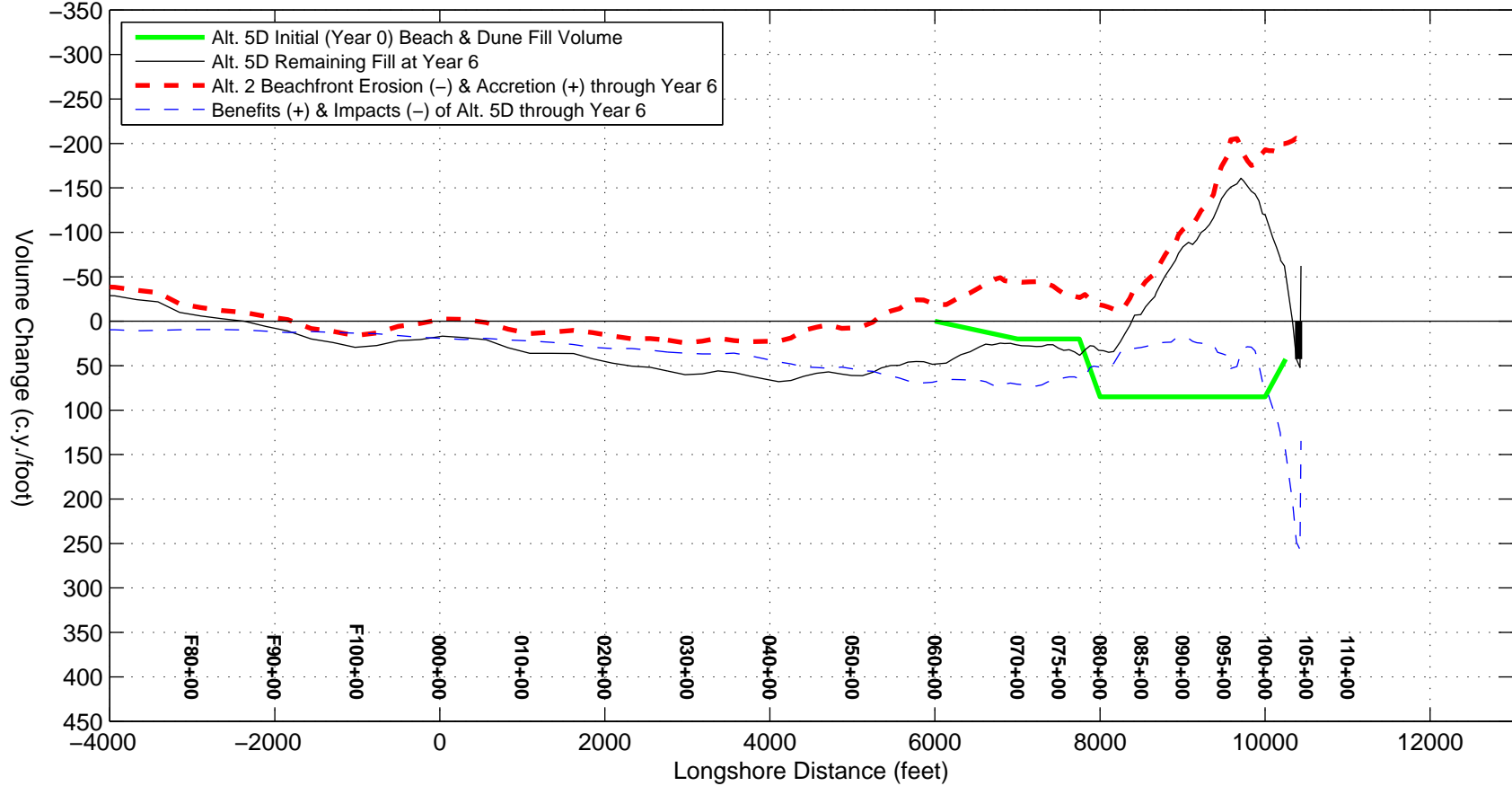
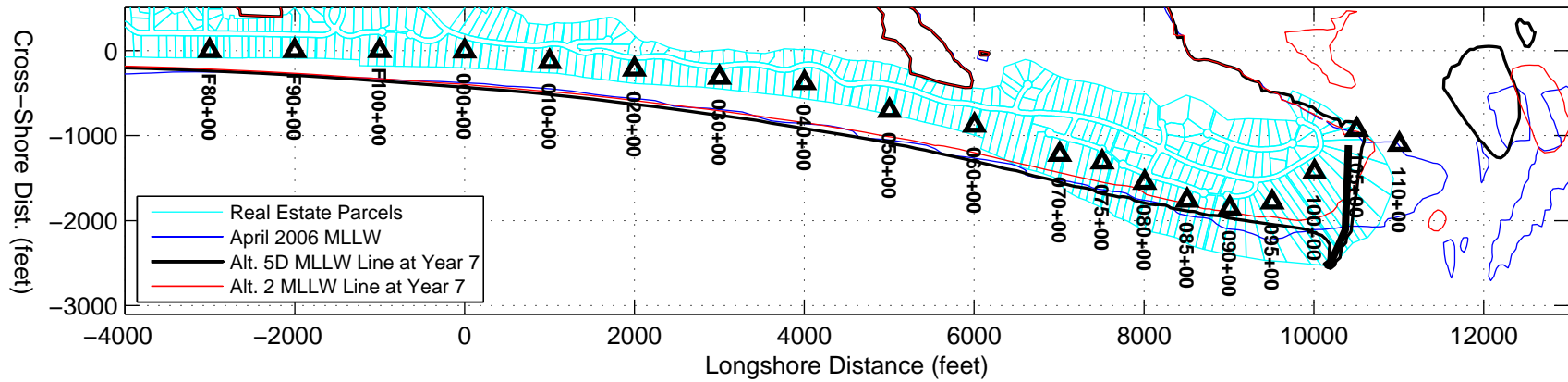
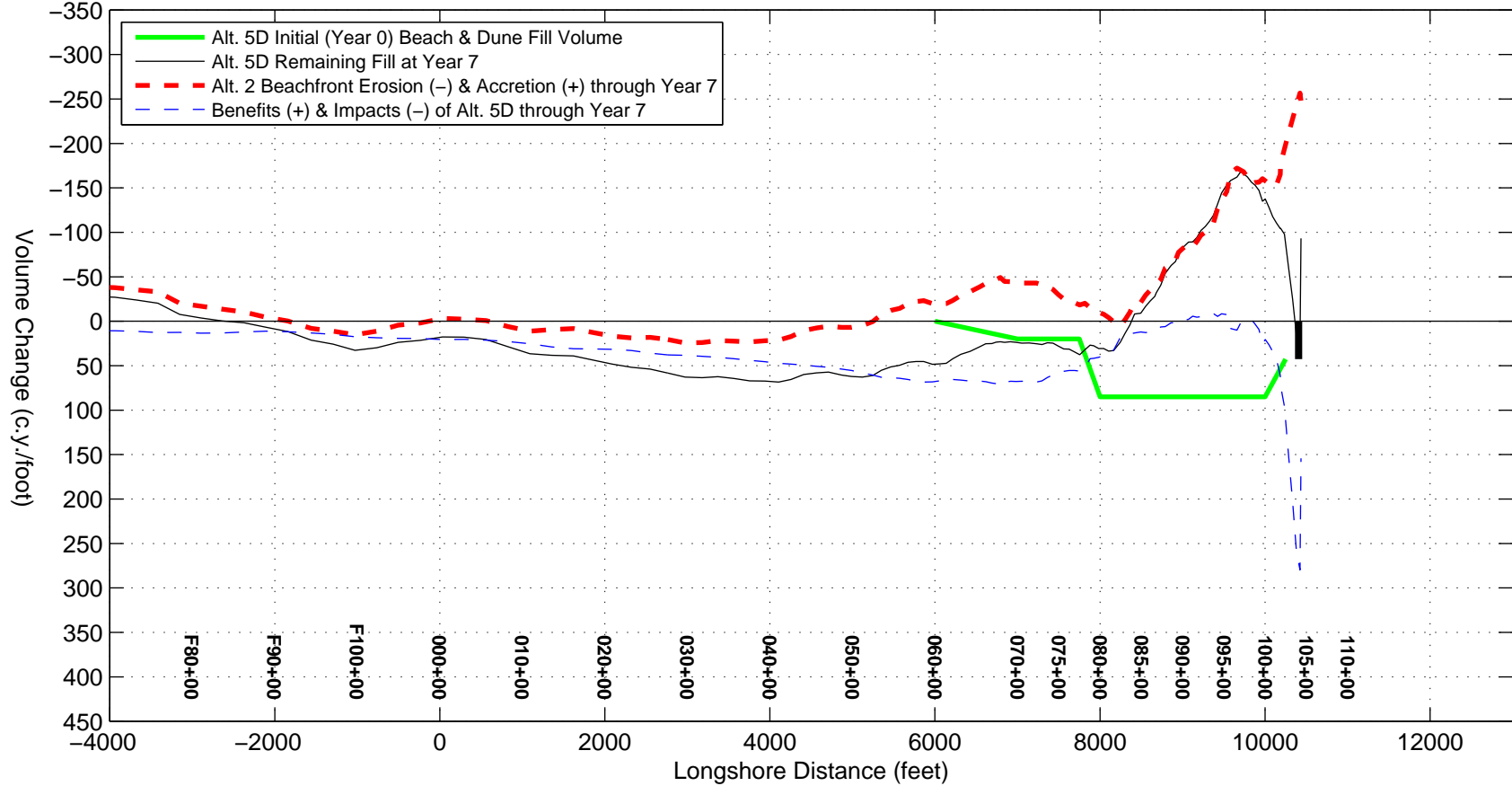


Figure Eight Island Mean Lower Low Water (-2.59' NAVD) Lines with Real Estate Parcels



Delft3D Performance of Alt. 2: Abandon/Retreat and Alt. 5D: Longer Terminal Groin with Beach Fill from Nixon Channel (2010 Cut) Based on April-June 2006 Cond.



**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 2 Beach Erosion (-) & Accretion (+) in cubic yards							
		Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	8,000	10,000	9,000	10,000	7,000	7,000	7,000
F100+00 to 00+00	1,001	0	13,000	14,000	12,000	11,000	8,000	7,000	6,000
00+00 to 10+00	1,000	0	8,000	10,000	8,000	7,000	4,000	2,000	1,000
10+00 to 20+00	1,000	0	11,000	16,000	16,000	15,000	13,000	12,000	10,000
20+00 to 30+00	1,000	0	11,000	16,000	21,000	21,000	20,000	20,000	19,000
30+00 to 40+00	1,000	0	12,000	19,000	22,000	24,000	24,000	22,000	23,000
40+00 to 50+00	1,000	0	9,000	17,000	19,000	18,000	15,000	12,000	12,000
50+00 to 60+00	1,000	0	7,000	12,000	9,000	4,000	-3,000	-11,000	-11,000
60+00 to 70+00	1,000	0	-1,000	-1,000	-10,000	-18,000	-28,000	-35,000	-35,000
70+00 to 72+50	250	0	0	-1,000	-5,000	-7,000	-10,000	-11,000	-11,000
72+50 to 75+00	250	0	0	-1,000	-5,000	-7,000	-9,000	-10,000	-9,000
75+00 to 77+50	250	0	3,000	1,000	-2,000	-5,000	-7,000	-8,000	-6,000
77+50 to 80+00	250	0	3,000	2,000	-2,000	-5,000	-6,000	-6,000	-4,000
80+00 to 82+50	250	0	7,000	4,000	0	-3,000	-4,000	-4,000	-1,000
82+50 to 85+00	250	0	5,000	1,000	-4,000	-6,000	-7,000	-7,000	-3,000
85+00 to 87+50	250	0	1,000	-4,000	-10,000	-13,000	-14,000	-13,000	-9,000
87+50 to 90+00	250	0	-6,000	-12,000	-19,000	-22,000	-22,000	-21,000	-17,000
90+00 to 92+50	250	0	-10,000	-17,000	-24,000	-28,000	-28,000	-28,000	-22,000
92+50 to 95+00	250	0	-14,000	-22,000	-31,000	-35,000	-36,000	-37,000	-29,000
95+00 to 97+50	250	0	-18,000	-29,000	-41,000	-47,000	-51,000	-49,000	-41,000
97+50 to 100+00	250	0	-14,000	-28,000	-41,000	-51,000	-58,000	-46,000	-40,000
100+00 to 102+50	250	0	-3,000	-23,000	-36,000	-53,000	-66,000	-49,000	-41,000
102+50 to 105+00	250	0	-1,000	-23,000	-39,000	-60,000	-74,000	-50,000	-59,000
F90+00 to 30+00	5,001	0	51,000	66,000	66,000	64,000	52,000	48,000	43,000
30+00 to 60+00	3,000	0	28,000	48,000	50,000	46,000	36,000	23,000	24,000
60+00 to 77+50	1,750	0	2,000	-2,000	-22,000	-37,000	-54,000	-64,000	-61,000
77+50 to 95+00	1,750	0	-14,000	-48,000	-90,000	-112,000	-117,000	-116,000	-85,000
95+00 to 100+00	500	0	-32,000	-57,000	-82,000	-98,000	-109,000	-95,000	-81,000
100+00 to 105+00	500	0	-4,000	-46,000	-75,000	-113,000	-140,000	-99,000	-100,000
<b>TOTAL</b>	<b>12,501</b>	<b>0</b>	<b>31,000</b>	<b>-39,000</b>	<b>-153,000</b>	<b>-250,000</b>	<b>-332,000</b>	<b>-303,000</b>	<b>-260,000</b>

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 3 Remaining Beach Fill* in cubic yards							
		Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	26,800	31,000	34,000	36,000	39,000	37,000	38,000	37,000
F100+00 to 00+00	1,001	53,600	53,000	54,000	54,000	54,000	51,000	49,000	47,000
00+00 to 10+00	1,000	53,500	55,000	57,000	59,000	58,000	56,000	52,000	48,000
10+00 to 20+00	1,000	53,500	62,000	68,000	73,000	72,000	66,000	64,000	60,000
20+00 to 30+00	1,000	53,500	71,000	79,000	83,000	84,000	81,000	77,000	72,000
30+00 to 40+00	1,000	53,500	77,000	91,000	93,000	92,000	86,000	80,000	75,000
40+00 to 50+00	1,000	98,600	87,000	96,000	96,000	92,000	84,000	72,000	65,000
50+00 to 60+00	1,000	143,600	98,000	102,000	96,000	82,000	65,000	48,000	40,000
60+00 to 70+00	1,000	143,600	94,000	90,000	77,000	58,000	34,000	18,000	3,000
70+00 to 72+50	250	35,900	24,000	21,000	16,000	11,000	5,000	1,000	-1,000
72+50 to 75+00	250	35,900	27,000	22,000	18,000	11,000	5,000	3,000	2,000
75+00 to 77+50	250	41,300	30,000	24,000	20,000	13,000	9,000	9,000	10,000
77+50 to 80+00	250	41,300	30,000	25,000	19,000	14,000	12,000	16,000	14,000
80+00 to 82+50	250	41,100	30,000	25,000	20,000	14,000	22,000	20,000	17,000
82+50 to 85+00	250	41,300	23,000	16,000	11,000	17,000	21,000	16,000	13,000
85+00 to 87+50	250	41,500	20,000	12,000	4,000	27,000	17,000	10,000	10,000
87+50 to 90+00	250	41,600	18,000	5,000	18,000	23,000	10,000	6,000	8,000
90+00 to 92+50	250	41,600	16,000	-2,000	37,000	20,000	7,000	11,000	6,000
92+50 to 95+00	250	41,300	14,000	6,000	37,000	12,000	8,000	10,000	0
95+00 to 97+50	250	35,900	9,000	46,000	29,000	7,000	8,000	-3,000	-13,000
97+50 to 100+00	250	35,900	24,000	52,000	20,000	17,000	10,000	-12,000	-16,000
100+00 to 102+50	250	26,900	67,000	43,000	8,000	23,000	5,000	-19,000	-34,000
102+50 to 105+00	250	9,000	46,000	13,000	0	16,000	-13,000	-31,000	-68,000
F90+00 to 30+00	5,001	240,900	272,000	292,000	305,000	307,000	291,000	280,000	264,000
30+00 to 60+00	3,000	295,700	262,000	289,000	285,000	266,000	235,000	200,000	180,000
60+00 to 77+50	1,750	256,700	175,000	157,000	131,000	93,000	53,000	31,000	14,000
77+50 to 95+00	1,750	289,700	151,000	87,000	146,000	127,000	97,000	89,000	68,000
95+00 to 100+00	500	71,800	33,000	98,000	49,000	24,000	18,000	-15,000	-29,000
100+00 to 105+00	500	35,900	113,000	56,000	8,000	39,000	-8,000	-50,000	-102,000
<b>TOTAL</b>	<b>12,501</b>	<b>1,190,700</b>	<b>1,006,000</b>	<b>979,000</b>	<b>924,000</b>	<b>856,000</b>	<b>686,000</b>	<b>535,000</b>	<b>395,000</b>

\*NOTE: Red, negative values indicate erosion into the pre-construction beach profile.

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 4 Remaining Beach Fill* in cubic yards							
		Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	10,000	19,000	21,000	23,000	26,000	26,000	26,000	27,000
F100+00 to 00+00	1,001	20,000	32,000	35,000	37,000	39,000	38,000	37,000	35,000
00+00 to 10+00	1,000	20,000	30,000	33,000	36,000	39,000	35,000	35,000	32,000
10+00 to 20+00	1,000	20,000	36,000	42,000	46,000	49,000	48,000	46,000	44,000
20+00 to 30+00	1,000	35,000	40,000	50,000	58,000	61,000	60,000	58,000	55,000
30+00 to 40+00	1,000	50,000	50,000	63,000	70,000	73,000	72,000	67,000	66,000
40+00 to 50+00	1,000	50,000	54,000	71,000	78,000	77,000	70,000	62,000	57,000
50+00 to 60+00	1,000	50,000	56,000	71,000	73,000	66,000	54,000	41,000	33,000
60+00 to 70+00	1,000	75,000	54,000	62,000	59,000	48,000	29,000	13,000	1,000
70+00 to 72+50	250	25,000	16,000	16,000	13,000	9,000	3,000	-2,000	-5,000
72+50 to 75+00	250	25,000	20,000	19,000	16,000	10,000	4,000	-1,000	-5,000
75+00 to 77+50	250	30,400	24,000	22,000	17,000	12,000	5,000	0	-3,000
77+50 to 80+00	250	30,400	26,000	23,000	17,000	11,000	4,000	-1,000	-4,000
80+00 to 82+50	250	42,700	27,000	23,000	17,000	9,000	3,000	-2,000	-4,000
82+50 to 85+00	250	55,400	20,000	16,000	8,000	2,000	-3,000	-7,000	-8,000
85+00 to 87+50	250	55,600	23,000	13,000	3,000	-5,000	-10,000	-14,000	-15,000
87+50 to 90+00	250	55,700	25,000	10,000	-3,000	-15,000	-20,000	-23,000	-24,000
90+00 to 92+50	250	55,700	25,000	6,000	-9,000	-21,000	-26,000	-29,000	-30,000
92+50 to 95+00	250	55,400	24,000	1,000	-15,000	-27,000	-33,000	-37,000	-38,000
95+00 to 97+50	250	50,000	22,000	-5,000	-22,000	-34,000	-45,000	-50,000	-53,000
97+50 to 100+00	250	50,000	25,000	-1,000	-20,000	-33,000	-47,000	-51,000	-59,000
100+00 to 102+50	250	37,500	28,000	2,000	-16,000	-32,000	-43,000	-51,000	-60,000
102+50 to 105+00	250	12,500	15,000	-7,000	-23,000	-41,000	-46,000	-55,000	-64,000
F90+00 to 30+00	5,001	105,000	157,000	181,000	200,000	214,000	207,000	202,000	193,000
30+00 to 60+00	3,000	150,000	160,000	205,000	221,000	216,000	196,000	170,000	156,000
60+00 to 77+50	1,750	155,400	114,000	119,000	105,000	79,000	41,000	10,000	-12,000
77+50 to 95+00	1,750	350,900	170,000	92,000	18,000	-46,000	-85,000	-113,000	-123,000
95+00 to 100+00	500	100,000	47,000	-6,000	-42,000	-67,000	-92,000	-101,000	-112,000
100+00 to 105+00	500	50,000	43,000	-5,000	-39,000	-73,000	-89,000	-106,000	-124,000
<b>TOTAL</b>	<b>12,501</b>	<b>911,300</b>	<b>691,000</b>	<b>586,000</b>	<b>463,000</b>	<b>323,000</b>	<b>178,000</b>	<b>62,000</b>	<b>-22,000</b>

\*NOTE: Red, negative values indicate erosion into the pre-construction beach profile.

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 5C Remaining Beach Fill* in cubic yards							
		Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	21,400	25,000	29,000	31,000	33,000	34,000	35,000	36,000
F100+00 to 00+00	1,001	42,900	44,000	46,000	45,000	47,000	47,000	48,000	48,000
00+00 to 10+00	1,000	42,800	47,000	49,000	50,000	52,000	51,000	51,000	51,000
10+00 to 20+00	1,000	42,800	52,000	57,000	60,000	63,000	61,000	63,000	63,000
20+00 to 30+00	1,000	42,800	60,000	69,000	74,000	78,000	80,000	81,000	81,000
30+00 to 40+00	1,000	42,800	64,000	76,000	82,000	85,000	86,000	86,000	87,000
40+00 to 50+00	1,000	78,800	74,000	84,000	88,000	90,000	90,000	88,000	86,000
50+00 to 60+00	1,000	114,800	82,000	90,000	91,000	88,000	82,000	74,000	72,000
60+00 to 70+00	1,000	114,800	77,000	78,000	74,000	67,000	59,000	49,000	44,000
70+00 to 72+50	250	28,700	20,000	19,000	16,000	14,000	11,000	9,000	7,000
72+50 to 75+00	250	28,700	23,000	21,000	17,000	15,000	12,000	9,000	7,000
75+00 to 77+50	250	28,700	26,000	23,000	19,000	17,000	14,000	11,000	10,000
77+50 to 80+00	250	28,700	26,000	23,000	18,000	16,000	14,000	11,000	10,000
80+00 to 82+50	250	28,700	27,000	23,000	19,000	16,000	13,000	10,000	9,000
82+50 to 85+00	250	28,700	20,000	15,000	10,000	9,000	6,000	4,000	3,000
85+00 to 87+50	250	28,700	17,000	11,000	4,000	2,000	-1,000	-3,000	-3,000
87+50 to 90+00	250	28,700	14,000	5,000	-3,000	-8,000	-10,000	-12,000	-13,000
90+00 to 92+50	250	28,700	11,000	1,000	-8,000	-14,000	-16,000	-18,000	-19,000
92+50 to 95+00	250	28,700	9,000	-3,000	-12,000	-20,000	-22,000	-22,000	-24,000
95+00 to 97+50	250	28,700	5,000	-8,000	-18,000	-25,000	-24,000	-28,000	-29,000
97+50 to 100+00	250	28,700	8,000	-6,000	-19,000	-19,000	-22,000	-25,000	-22,000
100+00 to 102+50	250	19,700	10,000	-6,000	-11,000	-9,000	-20,000	-16,000	-10,000
102+50 to 105+00	250	0	15,000	3,000	18,000	3,000	-2,000	6,000	10,000
F90+00 to 30+00	5,001	192,700	228,000	250,000	260,000	273,000	273,000	278,000	279,000
30+00 to 60+00	3,000	236,400	220,000	250,000	261,000	263,000	258,000	248,000	245,000
60+00 to 77+50	1,750	200,900	146,000	141,000	126,000	113,000	96,000	78,000	68,000
77+50 to 95+00	1,750	200,900	124,000	75,000	28,000	1,000	-16,000	-30,000	-37,000
95+00 to 100+00	500	57,400	13,000	-14,000	-37,000	-44,000	-46,000	-53,000	-51,000
100+00 to 105+00	500	19,700	25,000	-3,000	7,000	-6,000	-22,000	-10,000	0
<b>TOTAL</b>	<b>12,501</b>	<b>908,000</b>	<b>756,000</b>	<b>699,000</b>	<b>645,000</b>	<b>600,000</b>	<b>543,000</b>	<b>511,000</b>	<b>504,000</b>

\*NOTE: Red, negative values indicate erosion into the pre-construction beach profile.



**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alt. 5D (1500-ft groin) Remaining Beach Fill* in cubic yards Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	8,000	11,000	13,000	16,000	18,000	20,000	21,000
F100+00 to 00+00	1,001	0	12,000	16,000	18,000	22,000	23,000	23,000	25,000
00+00 to 10+00	1,000	0	9,000	14,000	15,000	18,000	20,000	23,000	22,000
10+00 to 20+00	1,000	0	14,000	21,000	27,000	31,000	35,000	38,000	40,000
20+00 to 30+00	1,000	0	15,000	27,000	34,000	42,000	48,000	52,000	54,000
30+00 to 40+00	1,000	0	17,000	32,000	44,000	52,000	58,000	60,000	65,000
40+00 to 50+00	1,000	0	20,000	36,000	46,000	55,000	60,000	62,000	62,000
50+00 to 60+00	1,000	0	19,000	38,000	47,000	51,000	54,000	52,000	53,000
60+00 to 70+00	1,000	10,000	19,000	30,000	35,000	39,000	39,000	34,000	33,000
70+00 to 72+50	250	5,000	7,000	9,000	9,000	10,000	9,000	7,000	6,000
72+50 to 75+00	250	5,000	8,000	10,000	10,000	10,000	9,000	7,000	6,000
75+00 to 77+50	250	5,000	11,000	13,000	12,000	12,000	11,000	8,000	8,000
77+50 to 80+00	250	13,100	12,000	14,000	12,000	12,000	10,000	8,000	8,000
80+00 to 82+50	250	21,300	17,000	17,000	14,000	13,000	11,000	8,000	8,000
82+50 to 85+00	250	21,300	14,000	12,000	8,000	7,000	4,000	1,000	1,000
85+00 to 87+50	250	21,300	11,000	7,000	2,000	1,000	-3,000	-6,000	-6,000
87+50 to 90+00	250	21,300	6,000	-2,000	-7,000	-8,000	-12,000	-16,000	-16,000
90+00 to 92+50	250	21,300	3,000	-5,000	-11,000	-13,000	-18,000	-23,000	-23,000
92+50 to 95+00	250	21,300	2,000	-9,000	-16,000	-19,000	-25,000	-30,000	-31,000
95+00 to 97+50	250	21,300	0	-12,000	-21,000	-25,000	-33,000	-38,000	-40,000
97+50 to 100+00	250	21,300	8,000	-6,000	-14,000	-20,000	-30,000	-35,000	-38,000
100+00 to 102+50	250	16,000	22,000	3,000	0	-8,000	-20,000	-22,000	-29,000
102+50 to 105+00	250	0	38,000	19,000	21,000	12,000	1,000	-1,000	-8,000
F90+00 to 30+00	5,001	0	58,000	89,000	107,000	129,000	144,000	156,000	162,000
30+00 to 60+00	3,000	0	56,000	106,000	137,000	158,000	172,000	174,000	180,000
60+00 to 77+50	1,750	25,000	45,000	62,000	66,000	71,000	68,000	56,000	53,000
77+50 to 95+00	1,750	140,900	65,000	34,000	2,000	-7,000	-33,000	-58,000	-59,000
95+00 to 100+00	500	42,600	8,000	-18,000	-35,000	-45,000	-63,000	-73,000	-78,000
100+00 to 105+00	500	16,000	60,000	22,000	21,000	4,000	-19,000	-23,000	-37,000
60+00 to 102+50	4,250	224,500	140,000	81,000	33,000	11,000	-48,000	-97,000	-113,000
TOTAL	12,501	224,500	292,000	295,000	298,000	310,000	269,000	232,000	221,000

\*NOTE: Red, negative values indicate erosion into the pre-construction beach profile.

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 2 Beach Erosion (-) & Accretion (+) in cubic yards Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	8,000	10,000	9,000	10,000	7,000	7,000	7,000
F100+00 to 00+00	1,001	0	13,000	14,000	12,000	11,000	8,000	7,000	6,000
00+00 to 10+00	1,000	0	8,000	10,000	8,000	7,000	4,000	2,000	1,000
10+00 to 20+00	1,000	0	11,000	16,000	16,000	15,000	13,000	12,000	10,000
20+00 to 30+00	1,000	0	11,000	16,000	21,000	21,000	20,000	20,000	19,000
30+00 to 40+00	1,000	0	12,000	19,000	22,000	24,000	24,000	22,000	23,000
40+00 to 50+00	1,000	0	9,000	17,000	19,000	18,000	15,000	12,000	12,000
50+00 to 60+00	1,000	0	7,000	12,000	9,000	4,000	-3,000	-11,000	-11,000
60+00 to 70+00	1,000	0	-1,000	-1,000	-10,000	-18,000	-28,000	-35,000	-35,000
70+00 to 72+50	250	0	0	-1,000	-5,000	-7,000	-10,000	-11,000	-11,000
72+50 to 75+00	250	0	0	-1,000	-5,000	-7,000	-9,000	-10,000	-9,000
75+00 to 77+50	250	0	3,000	1,000	-2,000	-5,000	-7,000	-8,000	-6,000
77+50 to 80+00	250	0	3,000	2,000	-2,000	-5,000	-6,000	-6,000	-4,000
80+00 to 82+50	250	0	7,000	4,000	0	-3,000	-4,000	-4,000	-1,000
82+50 to 85+00	250	0	5,000	1,000	-4,000	-6,000	-7,000	-7,000	-3,000
85+00 to 87+50	250	0	1,000	-4,000	-10,000	-13,000	-14,000	-13,000	-9,000
87+50 to 90+00	250	0	-6,000	-12,000	-19,000	-22,000	-22,000	-21,000	-17,000
90+00 to 92+50	250	0	-10,000	-17,000	-24,000	-28,000	-28,000	-28,000	-22,000
92+50 to 95+00	250	0	-14,000	-22,000	-31,000	-35,000	-36,000	-37,000	-29,000
95+00 to 97+50	250	0	-18,000	-29,000	-41,000	-47,000	-51,000	-49,000	-41,000
97+50 to 100+00	250	0	-14,000	-28,000	-41,000	-51,000	-58,000	-46,000	-40,000
100+00 to 102+50	250	0	-3,000	-23,000	-36,000	-53,000	-66,000	-49,000	-41,000
102+50 to 105+00	250	0	-1,000	-23,000	-39,000	-60,000	-74,000	-50,000	-59,000
F90+00 to 30+00	5,001	0	51,000	66,000	66,000	64,000	52,000	48,000	43,000
30+00 to 60+00	3,000	0	28,000	48,000	50,000	46,000	36,000	23,000	24,000
60+00 to 77+50	1,750	0	2,000	-2,000	-22,000	-37,000	-54,000	-64,000	-61,000
77+50 to 95+00	1,750	0	-14,000	-48,000	-90,000	-112,000	-117,000	-116,000	-85,000
95+00 to 100+00	500	0	-32,000	-57,000	-82,000	-98,000	-109,000	-95,000	-81,000
100+00 to 105+00	500	0	-4,000	-46,000	-75,000	-113,000	-140,000	-99,000	-100,000
<b>TOTAL</b>	<b>12,501</b>	<b>0</b>	<b>31,000</b>	<b>-39,000</b>	<b>-153,000</b>	<b>-250,000</b>	<b>-332,000</b>	<b>-303,000</b>	<b>-260,000</b>

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 3 Erosion (-) & Accretion (+) vs. Post-Construction in cubic yards Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	4,200	7,200	9,200	12,200	10,200	11,200	10,200
F100+00 to 00+00	1,001	0	-600	400	400	400	-2,600	-4,600	-6,600
00+00 to 10+00	1,000	0	1,500	3,500	5,500	4,500	2,500	-1,500	-5,500
10+00 to 20+00	1,000	0	8,500	14,500	19,500	18,500	12,500	10,500	6,500
20+00 to 30+00	1,000	0	17,500	25,500	29,500	30,500	27,500	23,500	18,500
30+00 to 40+00	1,000	0	23,500	37,500	39,500	38,500	32,500	26,500	21,500
40+00 to 50+00	1,000	0	-11,600	-2,600	-2,600	-6,600	-14,600	-26,600	-33,600
50+00 to 60+00	1,000	0	-45,600	-41,600	-47,600	-61,600	-78,600	-95,600	-103,600
60+00 to 70+00	1,000	0	-49,600	-53,600	-66,600	-85,600	-109,600	-125,600	-140,600
70+00 to 72+50	250	0	-11,900	-14,900	-19,900	-24,900	-30,900	-34,900	-36,900
72+50 to 75+00	250	0	-8,900	-13,900	-17,900	-24,900	-30,900	-32,900	-33,900
75+00 to 77+50	250	0	-11,300	-17,300	-21,300	-28,300	-32,300	-32,300	-31,300
77+50 to 80+00	250	0	-11,300	-16,300	-22,300	-27,300	-29,300	-25,300	-27,300
80+00 to 82+50	250	0	-11,100	-16,100	-21,100	-27,100	-19,100	-21,100	-24,100
82+50 to 85+00	250	0	-18,300	-25,300	-30,300	-24,300	-20,300	-25,300	-28,300
85+00 to 87+50	250	0	-21,500	-29,500	-37,500	-14,500	-24,500	-31,500	-31,500
87+50 to 90+00	250	0	-23,600	-36,600	-23,600	-18,600	-31,600	-35,600	-33,600
90+00 to 92+50	250	0	-25,600	-43,600	-4,600	-21,600	-34,600	-30,600	-35,600
92+50 to 95+00	250	0	-27,300	-35,300	-4,300	-29,300	-33,300	-31,300	-41,300
95+00 to 97+50	250	0	-26,900	10,100	-6,900	-28,900	-27,900	-38,900	-48,900
97+50 to 100+00	250	0	-11,900	16,100	-15,900	-18,900	-25,900	-47,900	-51,900
100+00 to 102+50	250	0	40,100	16,100	-18,900	-3,900	-21,900	-45,900	-60,900
102+50 to 105+00	250	0	37,000	4,000	-9,000	7,000	-22,000	-40,000	-77,000
F90+00 to 30+00	5,001	0	31,100	51,100	64,100	66,100	50,100	39,100	23,100
30+00 to 60+00	3,000	0	-33,700	-6,700	-10,700	-29,700	-60,700	-95,700	-115,700
60+00 to 77+50	1,750	0	-81,700	-99,700	-125,700	-163,700	-203,700	-225,700	-242,700
77+50 to 95+00	1,750	0	-138,700	-202,700	-143,700	-162,700	-192,700	-200,700	-221,700
95+00 to 100+00	500	0	-38,800	26,200	-22,800	-47,800	-53,800	-86,800	-100,800
100+00 to 105+00	500	0	77,100	20,100	-27,900	3,100	-43,900	-85,900	-137,900
<b>TOTAL</b>	<b>12,501</b>	<b>0</b>	<b>-184,700</b>	<b>-211,700</b>	<b>-266,700</b>	<b>-334,700</b>	<b>-504,700</b>	<b>-655,700</b>	<b>-795,700</b>

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 4 Erosion (-) & Accretion (+) vs. Post-Construction in cubic yards Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	9,000	11,000	13,000	16,000	16,000	16,000	17,000
F100+00 to 00+00	1,001	0	12,000	15,000	17,000	19,000	18,000	17,000	15,000
00+00 to 10+00	1,000	0	10,000	13,000	16,000	19,000	15,000	15,000	12,000
10+00 to 20+00	1,000	0	16,000	22,000	26,000	29,000	28,000	26,000	24,000
20+00 to 30+00	1,000	0	5,000	15,000	23,000	26,000	25,000	23,000	20,000
30+00 to 40+00	1,000	0	0	13,000	20,000	23,000	22,000	17,000	16,000
40+00 to 50+00	1,000	0	4,000	21,000	28,000	27,000	20,000	12,000	7,000
50+00 to 60+00	1,000	0	6,000	21,000	23,000	16,000	4,000	-9,000	-17,000
60+00 to 70+00	1,000	0	-21,000	-13,000	-16,000	-27,000	-46,000	-62,000	-74,000
70+00 to 72+50	250	0	-9,000	-9,000	-12,000	-16,000	-22,000	-27,000	-30,000
72+50 to 75+00	250	0	-5,000	-6,000	-9,000	-15,000	-21,000	-26,000	-30,000
75+00 to 77+50	250	0	-6,400	-8,400	-13,400	-18,400	-25,400	-30,400	-33,400
77+50 to 80+00	250	0	-4,400	-7,400	-13,400	-19,400	-26,400	-31,400	-34,400
80+00 to 82+50	250	0	-15,700	-19,700	-25,700	-33,700	-39,700	-44,700	-46,700
82+50 to 85+00	250	0	-35,400	-39,400	-47,400	-53,400	-58,400	-62,400	-63,400
85+00 to 87+50	250	0	-32,600	-42,600	-52,600	-60,600	-65,600	-69,600	-70,600
87+50 to 90+00	250	0	-30,700	-45,700	-58,700	-70,700	-75,700	-78,700	-79,700
90+00 to 92+50	250	0	-30,700	-49,700	-64,700	-76,700	-81,700	-84,700	-85,700
92+50 to 95+00	250	0	-31,400	-54,400	-70,400	-82,400	-88,400	-92,400	-93,400
95+00 to 97+50	250	0	-28,000	-55,000	-72,000	-84,000	-95,000	-100,000	-103,000
97+50 to 100+00	250	0	-25,000	-51,000	-70,000	-83,000	-97,000	-101,000	-109,000
100+00 to 102+50	250	0	-9,500	-35,500	-53,500	-69,500	-80,500	-88,500	-97,500
102+50 to 105+00	250	0	2,500	-19,500	-35,500	-53,500	-58,500	-67,500	-76,500
F90+00 to 30+00	5,001	0	52,000	76,000	95,000	109,000	102,000	97,000	88,000
30+00 to 60+00	3,000	0	10,000	55,000	71,000	66,000	46,000	20,000	6,000
60+00 to 77+50	1,750	0	-41,400	-36,400	-50,400	-76,400	-114,400	-145,400	-167,400
77+50 to 95+00	1,750	0	-180,900	-258,900	-332,900	-396,900	-435,900	-463,900	-473,900
95+00 to 100+00	500	0	-53,000	-106,000	-142,000	-167,000	-192,000	-201,000	-212,000
100+00 to 105+00	500	0	-7,000	-55,000	-89,000	-123,000	-139,000	-156,000	-174,000
<b>TOTAL</b>	<b>12,501</b>	<b>0</b>	<b>-220,300</b>	<b>-325,300</b>	<b>-448,300</b>	<b>-588,300</b>	<b>-733,300</b>	<b>-849,300</b>	<b>-933,300</b>

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alternative 5C Erosion (-) & Accretion (+) vs. Post-Construction in cubic yards Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	3,600	7,600	9,600	11,600	12,600	13,600	14,600
F100+00 to 00+00	1,001	0	1,100	3,100	2,100	4,100	4,100	5,100	5,100
00+00 to 10+00	1,000	0	4,200	6,200	7,200	9,200	8,200	8,200	8,200
10+00 to 20+00	1,000	0	9,200	14,200	17,200	20,200	18,200	20,200	20,200
20+00 to 30+00	1,000	0	17,200	26,200	31,200	35,200	37,200	38,200	38,200
30+00 to 40+00	1,000	0	21,200	33,200	39,200	42,200	43,200	43,200	44,200
40+00 to 50+00	1,000	0	-4,800	5,200	9,200	11,200	11,200	9,200	7,200
50+00 to 60+00	1,000	0	-32,800	-24,800	-23,800	-26,800	-32,800	-40,800	-42,800
60+00 to 70+00	1,000	0	-37,800	-36,800	-40,800	-47,800	-55,800	-65,800	-70,800
70+00 to 72+50	250	0	-8,700	-9,700	-12,700	-14,700	-17,700	-19,700	-21,700
72+50 to 75+00	250	0	-5,700	-7,700	-11,700	-13,700	-16,700	-19,700	-21,700
75+00 to 77+50	250	0	-2,700	-5,700	-9,700	-11,700	-14,700	-17,700	-18,700
77+50 to 80+00	250	0	-2,700	-5,700	-10,700	-12,700	-14,700	-17,700	-18,700
80+00 to 82+50	250	0	-1,700	-5,700	-9,700	-12,700	-15,700	-18,700	-19,700
82+50 to 85+00	250	0	-8,700	-13,700	-18,700	-19,700	-22,700	-24,700	-25,700
85+00 to 87+50	250	0	-11,700	-17,700	-24,700	-26,700	-29,700	-31,700	-31,700
87+50 to 90+00	250	0	-14,700	-23,700	-31,700	-36,700	-38,700	-40,700	-41,700
90+00 to 92+50	250	0	-17,700	-27,700	-36,700	-42,700	-44,700	-46,700	-47,700
92+50 to 95+00	250	0	-19,700	-31,700	-40,700	-48,700	-50,700	-50,700	-52,700
95+00 to 97+50	250	0	-23,700	-36,700	-46,700	-53,700	-52,700	-56,700	-57,700
97+50 to 100+00	250	0	-20,700	-34,700	-47,700	-47,700	-50,700	-53,700	-50,700
100+00 to 102+50	250	0	-9,700	-25,700	-30,700	-28,700	-39,700	-35,700	-29,700
102+50 to 105+00	250	0	15,000	3,000	18,000	3,000	-2,000	6,000	10,000
F90+00 to 30+00	5,001	0	35,300	57,300	67,300	80,300	80,300	85,300	86,300
30+00 to 60+00	3,000	0	-16,400	13,600	24,600	26,600	21,600	11,600	8,600
60+00 to 77+50	1,750	0	-54,900	-59,900	-74,900	-87,900	-104,900	-122,900	-132,900
77+50 to 95+00	1,750	0	-76,900	-125,900	-172,900	-199,900	-216,900	-230,900	-237,900
95+00 to 100+00	500	0	-44,400	-71,400	-94,400	-101,400	-103,400	-110,400	-108,400
100+00 to 105+00	500	0	5,300	-22,700	-12,700	-25,700	-41,700	-29,700	-19,700
<b>TOTAL</b>	<b>12,501</b>	<b>0</b>	<b>-152,000</b>	<b>-209,000</b>	<b>-263,000</b>	<b>-308,000</b>	<b>-365,000</b>	<b>-397,000</b>	<b>-404,000</b>

**Table: Delft3D Beach Erosion and Beach Fill Performance Based on April-June 2006 Conditions  
Figure Eight Island, NC**

Profiles	Beach Length (feet)	Alt. 5D (1500-ft groin) Erosion (-) & Accretion (+) vs. Post-Construction in cubic yards Year 0 through Year ....							
		0	1	2	3	4	5	6	7
F90+00 to F100+00	1,000	0	8,000	11,000	13,000	16,000	18,000	20,000	21,000
F100+00 to 00+00	1,001	0	12,000	16,000	18,000	22,000	23,000	23,000	25,000
00+00 to 10+00	1,000	0	9,000	14,000	15,000	18,000	20,000	23,000	22,000
10+00 to 20+00	1,000	0	14,000	21,000	27,000	31,000	35,000	38,000	40,000
20+00 to 30+00	1,000	0	15,000	27,000	34,000	42,000	48,000	52,000	54,000
30+00 to 40+00	1,000	0	17,000	32,000	44,000	52,000	58,000	60,000	65,000
40+00 to 50+00	1,000	0	20,000	36,000	46,000	55,000	60,000	62,000	62,000
50+00 to 60+00	1,000	0	19,000	38,000	47,000	51,000	54,000	52,000	53,000
60+00 to 70+00	1,000	0	9,000	20,000	25,000	29,000	29,000	24,000	23,000
70+00 to 72+50	250	0	2,000	4,000	4,000	5,000	4,000	2,000	1,000
72+50 to 75+00	250	0	3,000	5,000	5,000	5,000	4,000	2,000	1,000
75+00 to 77+50	250	0	6,000	8,000	7,000	7,000	6,000	3,000	3,000
77+50 to 80+00	250	0	-1,100	900	-1,100	-1,100	-3,100	-5,100	-5,100
80+00 to 82+50	250	0	-4,300	-4,300	-7,300	-8,300	-10,300	-13,300	-13,300
82+50 to 85+00	250	0	-7,300	-9,300	-13,300	-14,300	-17,300	-20,300	-20,300
85+00 to 87+50	250	0	-10,300	-14,300	-19,300	-20,300	-24,300	-27,300	-27,300
87+50 to 90+00	250	0	-15,300	-23,300	-28,300	-29,300	-33,300	-37,300	-37,300
90+00 to 92+50	250	0	-18,300	-26,300	-32,300	-34,300	-39,300	-44,300	-44,300
92+50 to 95+00	250	0	-19,300	-30,300	-37,300	-40,300	-46,300	-51,300	-52,300
95+00 to 97+50	250	0	-21,300	-33,300	-42,300	-46,300	-54,300	-59,300	-61,300
97+50 to 100+00	250	0	-13,300	-27,300	-35,300	-41,300	-51,300	-56,300	-59,300
100+00 to 102+50	250	0	6,000	-13,000	-16,000	-24,000	-36,000	-38,000	-45,000
102+50 to 105+00	250	0	38,000	19,000	21,000	12,000	1,000	-1,000	-8,000
F90+00 to 30+00	5,001	0	58,000	89,000	107,000	129,000	144,000	156,000	162,000
30+00 to 60+00	3,000	0	56,000	106,000	137,000	158,000	172,000	174,000	180,000
60+00 to 77+50	1,750	0	20,000	37,000	41,000	46,000	43,000	31,000	28,000
77+50 to 95+00	1,750	0	-75,900	-106,900	-138,900	-147,900	-173,900	-198,900	-199,900
95+00 to 100+00	500	0	-34,600	-60,600	-77,600	-87,600	-105,600	-115,600	-120,600
100+00 to 105+00	500	0	44,000	6,000	5,000	-12,000	-35,000	-39,000	-53,000
60+00 to 102+50	4,250	0	-84,500	-143,500	-191,500	-213,500	-272,500	-321,500	-337,500
TOTAL	12,501	0	67,500	70,500	73,500	85,500	44,500	7,500	-3,500